02.08-01/17/95-01561

CONTRACTOR'S CLOSEOUT REPORT

TIME CRITICAL REMOVAL ACTION FOR PESTICIDE CONTAMINATED SOIL OPERABLE UNIT 5, SITE 2 MCB CAMP LEJEUNE JACKSONVILLE, NORTH CAROLINA

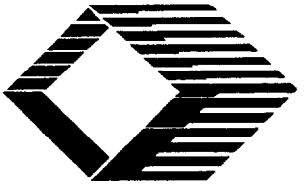
CONTRACT NO. N62470-93-D-3032 DELIVERY ORDER 0023

VOLUME II (APPENDIX J)

Prepared for

Atlantic Division
Naval Facilities Engineering Command
Norfolk, Virginia

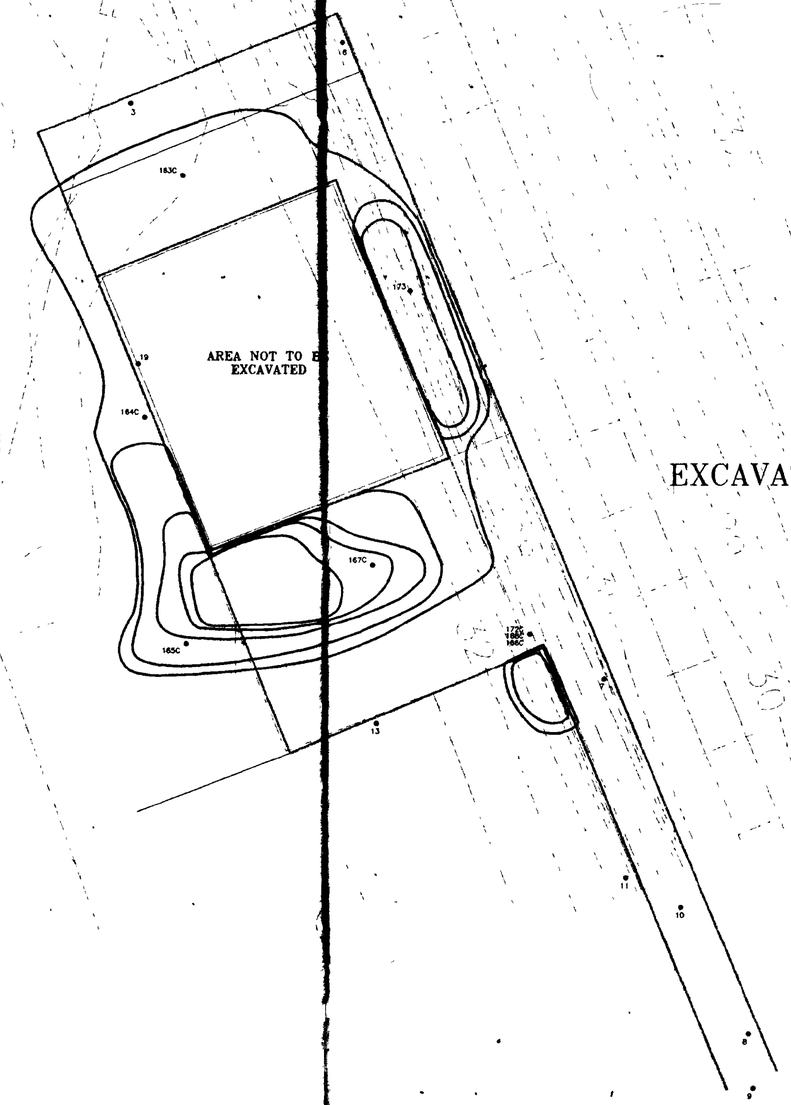
Prepared by



OHM Remediation Services Corp.

January 1995

OHM Project No. 16207



EXCAVATION AREA 1

LEGEND

- ● 19 INITIAL CONFIRMATION SAMPLE LOCATION BELOW CLEANUP GOALS (7-22-94)
- RED SAMPLE RESULTS ABOVE CLEANUP GOALS
- BLUE SAMPLE RESULTS BELOW CLEANUP GOALS
- DEPTH OF EXCAVATION FROM EXISTING GRADE
- 1 FOOT
- 2 FEET
- 3 FEET
- 4 FEET
- 5 FEET

-10 0 5 10
SCALE-1" = 10FT

CONTOURS ARE BASED ON A SUBJECTIVE INTERPRETATION OF AVAILABLE INFORMATION

01561G01X

OHM Remediation Services Corp.
Norcross, Georgia
A Subsidiary of OHM Corporation

SUBMITTED. _____ PROJECT MANAGER _____ DATE
APPROVED _____ SR PROJECT ENGINEER _____ DATE.
APPROVED _____ DEPT MANAGER _____ DATE

AT FULL SCALE (IF NOT 2"-SCALE ACCORDINGLY)
CADD FILE: CONFIRM1.DWG
DRAWN: J. COLLINS
DESIGNED: K. GEIS
CHECKED: _____
CHECKED _____

REVISIONS

ZONE	REV	DESCRIPTION	BY	DATE	APP.

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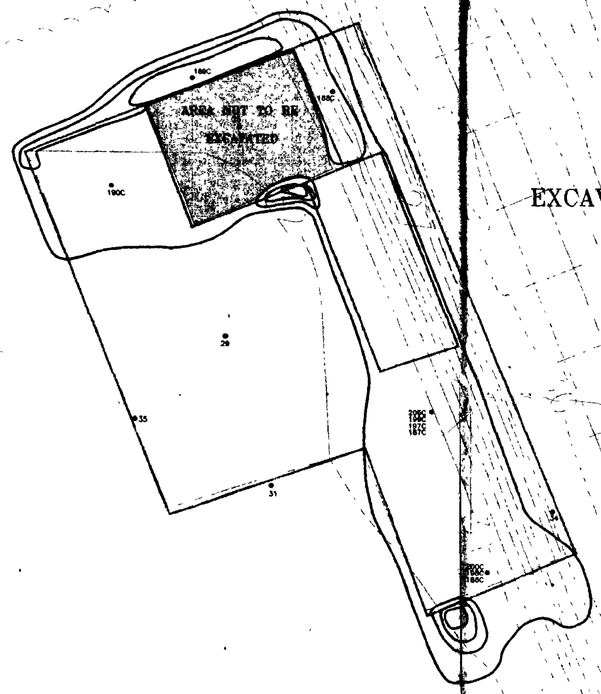
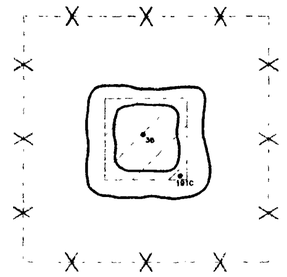
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
LANTDIV RAC CONTRACT N62470-93-D-3032 DELIVERY ORDER NO. 0023
OPERABLE UNIT NO. 5 MARINE CORPS BASE, CAMP LEJEUNE, N.C.

REMEDIATION OF PESTICIDE CONTAMINATED EXCAVATION AREA 1 SOILS
CONFIRMATION SAMPLE LOCATION MAP

DRAWING NUMBER 16207-2
SHEET NUMBER 1 of 2
DATE. 9/8/94



EXCAVATION AREA 2



EXCAVATION AREA 3

LEGEND

- ● INITIAL CONFIRMATION SAMPLE LOCATION
- 19 BELOW CLEANUP GOALS (7-22-94)
- RED SAMPLE RESULTS ABOVE CLEANUP GOALS
- BLUE SAMPLE RESULTS BELOW CLEANUP GOALS
- DEPTH OF EXCAVATION FROM EXISTING GRADE
- 1 FOOT
- 2 FEET
- 3 FEET
- 4 FEET
- 5 FEET

-10 0 5 10
SCALE-1" =10FT

CONTOURS ARE BASED ON A SUBJECTIVE INTERPRETATION OF AVAILABLE INFORMATION.

01561G02X

OHM Remediation Services Corp.
Norcross, Georgia
A Subsidiary of OHM Corporation

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CADD FILE: CONFIRM2.DWG
DRAWN: J. COLLINS
DESIGNED: K. GEIS
CHECKED:
CHECKED:

SUBMITTED. PROJECT MANAGER DATE.
APPROVED SR PROJECT ENGINEER DATE
APPROVED DEPT. MANAGER DATE:

REVISIONS

ZONE	REV.	DESCRIPTION	BY	DATE	APP.

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC DIVISION
NAVAL STATION NORFOLK, VIRGINIA
LANTDIV RAC CONTRACT N62470-93-D-3032 DELIVERY ORDER NO. 0023
OPERABLE UNIT NO. 5 MARINE CORPS BASE, CAMP LEJEUNE, N.C.

REMEDIATION OF PESTICIDE CONTAMINATED EXCAVATION AREA 2 & 3 SOILS
CONFIRMATION SAMPLE LOCATION MAP

DRAWING NUMBER: 16207-3
SHEET NUMBER: 2 of 2
DATE: 9/8/94

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02.08-01/17/95-01561

DIRECTORY

DATA SUMMARY

Project No. 16207
Camp LeJeune II Data Summary (ug/kg)
Confirmation Analysis

Sample No	Heptachlor	4,4-DDE	4,4-DDD	4,4-DDT	Chlordane	Dieldrin
Soil Limits ug/k	179	3000	4000	3000	621	50
Sed Limits ug/k	NA	15000	21000	15000	4000	NA
CSS-03*	91 U	630 J	710 J	1400	78 J	31 J
CSS-04	97 U	360	15000	1200	71 J	38 J
CSS-06*	4.4 U	35	110	130	4.9 J	8.5 U
CSS-07*	2.0 U	5.1	4.9	4.2	4.0 U	3.8 U
CSS-08*	2.0 U	1.6 J	11	7.9	4.0 U	3.8 U
CSS-09*	1100 U	300 J	2800	5500	2200 U	2100 U
CSS-10*	20.0 U	21 J	140	230	40 U	39 U
CSS-11*	18 U	92	110 J	410	36 U	36 U
CSS-12	1900 U	1500 J	21000	13000	620 J	3700 U
CSS-12D	1900 U	2600 J	56000	6000	3800 U	3700 U
CSS-13*	1.8 U	12 J	20 J	32	11.9 J	3.6 U
CSS-14	9600 U	3200 J	76000	43000	19200 U	19000 U
CSS-15	20000 U	3800 J	130000 J	99000	40000 U	38000 U
CSS-16	35000 U	67000 J	450000 J	480000	70000 U	69000 U
CSS-17	970 U	1900 U	8800	1900 U	1940 U	1900 U
CSS-18	18000 U	5700 J	200000 J	220000	36000 U	35000 U
CSS-19*	3.7 U	0.63 J	40	3.3 J	7.4 U	7.2 U
CSS-20	9300 U	2000 J	78000	18000 U	18600 U	18000 U
CSS-21	1100 U	2100 U	6800	3000	2200 U	2100 U
CSS-22	21000 U	40000 U	130000 J	140000	42000 U	40000 U
CSS-22D	2100 U	1200 J	66000	83000	4200 U	4000 U
CSS-23	1700 U	3300 U	1700 J	37000	3400 U	3300 U
CSS-24	710 U	560 J	1500	8900	1420	1400
CSS-25*	18 U	180	48	160	36 U	35 U
CSS-26	8800 U	17000 U	4400 J	93000	17600 U	17000 U
CSS-27	46 J	140 J	1000	6200	150 J	760 U
CSS-28	1800 U	480 J	18000	10000	3600 U	3600 U
CSS-29*	19 U	15 J	590	530	18.1 J	38 U
CSS-30	740 U	360 J	1800 J	9000	1480	1400 U
CSS-31	90 U	1100	730 J	2200	180 U	170 U
CSS-32	900 U	1000 J	2400 J	20000	1800 U	1700 U
CSS-32D	1800 U	1000 J	2800 J	26000	3600 U	3400 U
CSS-33	360 U	270 J	1000 J	4700	720 U	700 U
CSS-34*	2.0 U	3.9 U	2.6 J	23	4.0 U	3.9 U
CSS-35*	4.0 U	17	8.1 J	69	8 U	7.8 U
CSS-36*	2.0 U	4.0 U	4.0 U	30	4.0 U	4.0 U
CSS-36D	2.1 U	2.8 J	4.0 U	20	4.2 U	4.0 U
CSS-37	890 U	520 J	6100	9600	1790 U	1700 U
CSS-38	390 U	180 J	6200	750 U	780 U	750 U
RB-01	0.05 U	0.1	0.31	0.57	0.1 U	0.1 U
RB-02	0.05 U	0.07 J	2.2	1.2	0.1 U	0.1 U
FB-01	0.05 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
DSS-163C*	0.22 J	0.23 J	1.3 J	0.7 J	1.9 U	3.7 U
DDS-164C*	0.3 J	10.5	13.9	18.9	2.0 U	4.0 U
DSS-165C*	0.3 J	0.7 J	4.6 J	11.2	2.0 U	3.8 U
DSS-172C*	0.4 J	5.8	29.9	32	2.0 U	3.9 U

Sample No	Heptachlor	4,4-DDE	4,4-DDD	4,4-DDT	Chlordane	Dieldrin
Soil Limits ug/k	179	3000	4000	3000	621	50
Sed Limits ug/k	NA	15000	21000	15000	4000	NA
DSS-173C*	0.1 J	2.7 J	162	21.3	2.0 U	0.3 J
DSS-188C*	2.0 U	1.2 J	3.1 J	16.6	2.0 U	4.0 U
DSS-189C*	0.3 J	5	19.8 J	160	1.9 U	3.8 U
DSS-190C*	0.3 J	6.8	36.2 J	213	2.0 U	0.6 J
DSS-191C*	0.2 J	3.9 U	0.4 J	2.9 J	2.0 U	3.9 U
DSS-199C*	0.4 J	31.6	223	342	2.0 U	4.0 U
DSS-200C*	2.0 U	9.5	81.9	273	2.0 U	0.7 J
DSS-205C*	0.6 J	4.0 U	4.0 U	4.0 U	2.1 U	4.0 U

U-undetected
J - detected below DL or estimated values
* Final confirmation samples

SITE MAPS

CEIMIC
FORM 1 SUMMARIES

CEIMIC
REPORT PACKAGE 1
Sample CLJ2-CSS-01-02

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS-01

Lab Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-01

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 18 decanted: (Y/N) N Date Received: 07/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 4.8 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	20	U
72-55-9	4,4'-DDE	30	
72-20-8	Endrin	20	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	64	P
1031-07-8	Endosulfan sulfate	20	U
50-29-3	4,4'-DDT	170	
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	20	U
7421-93-4	Endrin aldehyde	20	U
5103-71-9	alpha-Chlordane	10	U
5103-74-2	gamma-Chlordane	10	U
8001-35-2	Toxaphene	1000	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	200	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ3-CSS-02

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-02

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 07/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) Y pH: 4.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	400	U
319-85-7	beta-BHC	400	U
319-86-8	delta-BHC	400	U
58-89-9	gamma-BHC (Lindane)	400	U
76-44-8	Heptachlor	400	U
309-00-2	Aldrin	400	U
1024-57-3	Heptachlor epoxide	400	U
959-98-8	Endosulfan I	400	U
60-57-1	Dieldrin	780	U
72-55-9	4,4'-DDE	1500	P
72-20-8	Endrin	780	U
33213-65-9	Endosulfan II	780	U
72-54-8	4,4'-DDD	54000	
1031-07-8	Endosulfan sulfate	780	U
50-29-3	4,4'-DDT	780	U
72-43-5	Methoxychlor	4000	U
53494-70-5	Endrin ketone	780	U
7421-93-4	Endrin aldehyde	780	U
5103-71-9	alpha-Chlordane	400	U
5103-74-2	gamma-Chlordane	400	U
8001-35-2	Toxaphene	40000	U
12674-11-2	Aroclor-1016	7800	U
11104-28-2	Aroclor-1221	16000	U
11141-16-5	Aroclor-1232	7800	U
53469-21-9	Aroclor-1242	7800	U
12672-29-6	Aroclor-1248	7800	U
11097-69-1	Aroclor-1254	7800	U
11096-82-5	Aroclor-1260	7800	U

09

CEIMIC
REPORT PACKAGE 2
Sample CLJ2-CSS-03-22

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS03

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	91	U
319-85-7	beta-BHC	91	U
319-86-8	delta-BHC	91	U
58-89-9	gamma-BHC (Lindane)	91	U
76-44-8	Heptachlor	91	U
309-00-2	Aldrin	91	U
1024-57-3	Heptachlor epoxide	91	U
959-98-8	Endosulfan I	91	U
60-57-1	Dieldrin	31	JP
72-55-9	4,4'-DDE	630	
72-20-8	Endrin	180	U
33213-65-9	Endosulfan II	180	U
72-54-8	4,4'-DDD	710	P
1031-07-8	Endosulfan sulfate	180	U
50-29-3	4,4'-DDT	1400	
72-43-5	Methoxychlor	910	U
53494-70-5	Endrin ketone	180	U
7421-93-4	Endrin aldehyde	180	U
5103-71-9	alpha-Chlordane	41	JP
5103-74-2	gamma-Chlordane	37	JP
8001-35-2	Toxaphene	9100	U
12674-11-2	Aroclor-1016	1800	U
11104-28-2	Aroclor-1221	3600	U
11141-16-5	Aroclor-1232	1800	U
53469-21-9	Aroclor-1242	1800	U
12672-29-6	Aroclor-1248	1800	U
11097-69-1	Aroclor-1254	1800	U
11096-82-5	Aroclor-1260	1800	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ3-CSS04

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	97	U
319-85-7	beta-BHC	97	U
319-86-8	delta-BHC	97	U
58-89-9	gamma-BHC (Lindane)	97	U
76-44-8	Heptachlor	97	U
309-00-2	Aldrin	97	U
1024-57-3	Heptachlor epoxide	97	U
959-98-8	Endosulfan I	97	U
60-57-1	Dieldrin	38	JP
72-55-9	4,4'-DDE	360	
72-20-8	Endrin	190	U
33213-65-9	Endosulfan II	190	U
72-54-8	4,4'-DDD	15000	
1031-07-8	Endosulfan sulfate	190	U
50-29-3	4,4'-DDT	1200	
72-43-5	Methoxychlor	970	U
53494-70-5	Endrin ketone	190	U
7421-93-4	Endrin aldehyde	190	U
5103-71-9	alpha-Chlordane	27	JP
5103-74-2	gamma-Chlordane	44	JP
8001-35-2	Toxaphene	9700	U
12674-11-2	Aroclor-1016	1900	U
11104-28-2	Aroclor-1221	3800	U
11141-16-5	Aroclor-1232	1900	U
53469-21-9	Aroclor-1242	1900	U
12672-29-6	Aroclor-1248	1900	U
11097-69-1	Aroclor-1254	1900	U
11096-82-5	Aroclor-1260	1900	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ3-CSS06

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 23 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	4.4	U
319-85-7	beta-BHC	4.4	U
319-86-8	delta-BHC	4.4	U
58-89-9	gamma-BHC (Lindane)	4.4	U
76-44-8	Heptachlor	4.4	U
309-00-2	Aldrin	4.4	U
1024-57-3	Heptachlor epoxide	4.4	U
959-98-8	Endosulfan I	4.4	U
60-57-1	Dieldrin	8.5	U
72-55-9	4,4'-DDE	35	
72-20-8	Endrin	8.5	U
33213-65-9	Endosulfan II	8.5	U
72-54-8	4,4'-DDD	110	
1031-07-8	Endosulfan sulfate	8.5	U
50-29-3	4,4'-DDT	130	
72-43-5	Methoxychlor	44	U
53494-70-5	Endrin ketone	8.5	U
7421-93-4	Endrin aldehyde	8.5	U
5103-71-9	alpha-Chlordane	3.3	JP
5103-74-2	gamma-Chlordane	1.6	JP
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	85	U
11096-82-5	Aroclor-1260	85	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS07

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	5.1	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	4.9	
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.2	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS08

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16807 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	1.6	JP
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	11	
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	7.9	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS09

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1100	U
319-85-7	beta-BHC	1100	U
319-86-8	delta-BHC	1100	U
58-89-9	gamma-BHC (Lindane)	1100	U
76-44-8	Heptachlor	1100	U
309-00-2	Aldrin	1100	U
1024-57-3	Heptachlor epoxide	1100	U
959-98-8	Endosulfan I	1100	U
60-57-1	Dieldrin	2100	U
72-55-9	4,4'-DDE	300	J
72-20-8	Endrin	2100	U
33213-65-9	Endosulfan II	2100	U
72-54-8	4,4'-DDD	2800	
1031-07-8	Endosulfan sulfate	2100	U
50-29-3	4,4'-DDT	5500	
72-43-5	Methoxychlor	11000	U
53494-70-5	Endrin ketone	2100	U
7421-93-4	Endrin aldehyde	2100	U
5103-71-9	alpha-Chlordane	1100	U
5103-74-2	gamma-Chlordane	1100	U
8001-35-2	Toxaphene	110000	U
12674-11-2	Aroclor-1016	21000	U
11104-28-2	Aroclor-1221	42000	U
11141-16-5	Aroclor-1232	21000	U
53469-21-9	Aroclor-1242	21000	U
12672-29-6	Aroclor-1248	21000	U
11097-69-1	Aroclor-1254	21000	U
11096-82-5	Aroclor-1260	21000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS10

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	21	JP
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	140	
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	230	
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	39	U
7421-93-4	Endrin aldehyde	39	U
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	20	U
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	800	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U
11096-82-5	Aroclor-1260	390	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS11

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	92	
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	36	U
72-54-8	4,4'-DDD	110	P
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	410	
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	36	U
7421-93-4	Endrin aldehyde	36	U
5103-71-9	alpha-Chlordane	18	U
5103-74-2	gamma-Chlordane	18	U
8001-35-2	Toxaphene	1800	U
12674-11-2	Aroclor-1016	360	U
11104-28-2	Aroclor-1221	730	U
11141-16-5	Aroclor-1232	360	U
53469-21-9	Aroclor-1242	360	U
12672-29-6	Aroclor-1248	360	U
11097-69-1	Aroclor-1254	360	U
11096-82-5	Aroclor-1260	360	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS12

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 1000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1900	U
319-85-7	beta-BHC	1900	U
319-86-8	delta-BHC	1900	U
58-89-9	gamma-BHC (Lindane)	1900	U
76-44-8	Heptachlor	1900	U
309-00-2	Aldrin	1900	U
1024-57-3	Heptachlor epoxide	1900	U
959-98-8	Endosulfan I	1900	U
60-57-1	Dieldrin	3700	U
72-55-9	4,4'-DDE	1500	J
72-20-8	Endrin	3700	U
33213-65-9	Endosulfan II	3700	U
72-54-8	4,4'-DDD	21000	
1031-07-8	Endosulfan sulfate	3700	U
50-29-3	4,4'-DDT	13000	
72-43-5	Methoxychlor	19000	U
53494-70-5	Endrin ketone	3700	U
7421-93-4	Endrin aldehyde	3700	U
5103-71-9	alpha-Chlordane	300	JP
5103-74-2	gamma-Chlordane	320	JP
8001-35-2	Toxaphene	190000	U
12674-11-2	Aroclor-1016	37000	U
11104-28-2	Aroclor-1221	76000	U
11141-16-5	Aroclor-1232	37000	U
53469-21-9	Aroclor-1242	37000	U
12672-29-6	Aroclor-1248	37000	U
11097-69-1	Aroclor-1254	37000	U
11096-82-5	Aroclor-1260	37000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS13

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	4.5	P
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	8.3	P
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	12	P
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	20	P
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	32	
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	5.1	P
5103-74-2	gamma-Chlordane	6.8	P
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS14

b Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 5000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	9600	U
319-85-7	beta-BHC	9600	U
319-86-8	delta-BHC	9600	U
58-89-9	gamma-BHC (Lindane)	9600	U
76-44-8	Heptachlor	9600	U
309-00-2	Aldrin	9600	U
1024-57-3	Heptachlor epoxide	9600	U
959-98-8	Endosulfan I	9600	U
60-57-1	Dieldrin	19000	U
72-55-9	4,4'-DDE	3200	J
72-20-8	Endrin	19000	U
33213-65-9	Endosulfan II	19000	U
72-54-8	4,4'-DDD	76000	
1031-07-8	Endosulfan sulfate	19000	U
50-29-3	4,4'-DDT	43000	
72-43-5	Methoxychlor	96000	U
53494-70-5	Endrin ketone	19000	U
7421-93-4	Endrin aldehyde	19000	U
5103-71-9	alpha-Chlordane	9600	U
5103-74-2	gamma-Chlordane	9600	U
8001-35-2	Toxaphene	960000	U
12674-11-2	Aroclor-1016	190000	U
11104-28-2	Aroclor-1221	380000	U
11141-16-5	Aroclor-1232	190000	U
53469-21-9	Aroclor-1242	190000	U
12672-29-6	Aroclor-1248	190000	U
11097-69-1	Aroclor-1254	190000	U
11096-82-5	Aroclor-1260	190000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS15

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-13

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20000	U
319-85-7	beta-BHC	20000	U
319-86-8	delta-BHC	20000	U
58-89-9	gamma-BHC (Lindane)	20000	U
76-44-8	Heptachlor	20000	U
309-00-2	Aldrin	20000	U
1024-57-3	Heptachlor epoxide	20000	U
959-98-8	Endosulfan I	20000	U
60-57-1	Dieldrin	38000	U
72-55-9	4,4'-DDE	3800	J
72-20-8	Endrin	38000	U
33213-65-9	Endosulfan II	38000	U
72-54-8	4,4'-DDD	130000	P
1031-07-8	Endosulfan sulfate	38000	U
50-29-3	4,4'-DDT	99000	
72-43-5	Methoxychlor	200000	U
53494-70-5	Endrin ketone	38000	U
7421-93-4	Endrin aldehyde	38000	U
5103-71-9	alpha-Chlordane	20000	U
5103-74-2	gamma-Chlordane	20000	U
8001-35-2	Toxaphene	2000000	U
12674-11-2	Aroclor-1016	380000	U
11104-28-2	Aroclor-1221	770000	U
11141-16-5	Aroclor-1232	380000	U
53469-21-9	Aroclor-1242	380000	U
12672-29-6	Aroclor-1248	380000	U
11097-69-1	Aroclor-1254	380000	U
11096-82-5	Aroclor-1260	380000	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS16

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-14

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 4 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 20000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	35000	U
319-85-7	beta-BHC	35000	U
319-86-8	delta-BHC	35000	U
58-89-9	gamma-BHC (Lindane)	35000	U
76-44-8	Heptachlor	35000	U
309-00-2	Aldrin	35000	U
1024-57-3	Heptachlor epoxide	35000	U
959-98-8	Endosulfan I	35000	U
60-57-1	Dieldrin	69000	U
72-55-9	4,4'-DDE	67000	J
72-20-8	Endrin	69000	U
33213-65-9	Endosulfan II	69000	U
72-54-8	4,4'-DDD	450000	P
1031-07-8	Endosulfan sulfate	69000	U
50-29-3	4,4'-DDT	480000	
72-43-5	Methoxychlor	350000	U
53494-70-5	Endrin ketone	69000	U
7421-93-4	Endrin aldehyde	69000	U
5103-71-9	alpha-Chlordane	35000	U
5103-74-2	gamma-Chlordane	35000	U
8001-35-2	Toxaphene	3500000	U
12674-11-2	Aroclor-1016	690000	U
11104-28-2	Aroclor-1221	1400000	U
11141-16-5	Aroclor-1232	690000	U
53469-21-9	Aroclor-1242	690000	U
12672-29-6	Aroclor-1248	690000	U
11097-69-1	Aroclor-1254	690000	U
11096-82-5	Aroclor-1260	690000	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS17

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-15

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	970	U
319-85-7	beta-BHC	970	U
319-86-8	delta-BHC	970	U
58-89-9	gamma-BHC (Lindane)	970	U
76-44-8	Heptachlor	970	U
309-00-2	Aldrin	970	U
1024-57-3	Heptachlor epoxide	970	U
959-98-8	Endosulfan I	970	U
60-57-1	Dieldrin	1900	U
72-55-9	4,4'-DDE	1900	U
72-20-8	Endrin	1900	U
33213-65-9	Endosulfan II	1900	U
72-54-8	4,4'-DDD	8800	
1031-07-8	Endosulfan sulfate	1900	U
50-29-3	4,4'-DDT	1900	U
72-43-5	Methoxychlor	9700	U
53494-70-5	Endrin ketone	1900	U
7421-93-4	Endrin aldehyde	1900	U
5103-71-9	alpha-Chlordane	970	U
5103-74-2	gamma-Chlordane	970	U
8001-35-2	Toxaphene	97000	U
12674-11-2	Aroclor-1016	19000	U
11104-28-2	Aroclor-1221	38000	U
11141-16-5	Aroclor-1232	19000	U
53469-21-9	Aroclor-1242	19000	U
12672-29-6	Aroclor-1248	19000	U
11097-69-1	Aroclor-1254	19000	U
11096-82-5	Aroclor-1260	19000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS18

ab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-16

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18000	U
319-85-7	beta-BHC	18000	U
319-86-8	delta-BHC	18000	U
58-89-9	gamma-BHC (Lindane)	18000	U
76-44-8	Heptachlor	18000	U
309-00-2	Aldrin	18000	U
1024-57-3	Heptachlor epoxide	18000	U
959-98-8	Endosulfan I	18000	U
60-57-1	Dieldrin	35000	U
72-55-9	4,4'-DDE	5700	JP
72-20-8	Endrin	35000	U
33213-65-9	Endosulfan II	35000	U
72-54-8	4,4'-DDD	200000	P
1031-07-8	Endosulfan sulfate	35000	U
50-29-3	4,4'-DDT	220000	
72-43-5	Methoxychlor	180000	U
53494-70-5	Endrin ketone	35000	U
7421-93-4	Endrin aldehyde	35000	U
5103-71-9	alpha-Chlordane	18000	U
5103-74-2	gamma-Chlordane	18000	U
8001-35-2	Toxaphene	1800000	U
12674-11-2	Aroclor-1016	350000	U
11104-28-2	Aroclor-1221	720000	U
11141-16-5	Aroclor-1232	350000	U
53469-21-9	Aroclor-1242	350000	U
12672-29-6	Aroclor-1248	350000	U
11097-69-1	Aroclor-1254	350000	U
11096-82-5	Aroclor-1260	350000	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS19

b Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-17

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.7	U
319-85-7	beta-BHC	3.7	U
319-86-8	delta-BHC	3.7	U
58-89-9	gamma-BHC (Lindane)	3.7	U
76-44-8	Heptachlor	3.7	U
309-00-2	Aldrin	3.7	U
1024-57-3	Heptachlor epoxide	3.7	U
959-98-8	Endosulfan I	3.7	U
60-57-1	Dieldrin	7.2	U
72-55-9	4,4'-DDE	0.63	JP
72-20-8	Endrin	7.2	U
33213-65-9	Endosulfan II	7.2	U
72-54-8	4,4'-DDD	40	
1031-07-8	Endosulfan sulfate	7.2	U
50-29-3	4,4'-DDT	3.3	JP
72-43-5	Methoxychlor	37	U
53494-70-5	Endrin ketone	7.2	U
7421-93-4	Endrin aldehyde	7.2	U
5103-71-9	alpha-Chlordane	3.7	U
5103-74-2	gamma-Chlordane	3.7	U
8001-35-2	Toxaphene	370	U
12674-11-2	Aroclor-1016	72	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	72	U
53469-21-9	Aroclor-1242	72	U
12672-29-6	Aroclor-1248	72	U
11097-69-1	Aroclor-1254	72	U
11096-82-5	Aroclor-1260	72	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS20

Lab Name: CEIMIC CORP Contract: OHM

b Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-18

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 9 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 5000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	9300	U
319-85-7	beta-BHC	9300	U
319-86-8	delta-BHC	9300	U
58-89-9	gamma-BHC (Lindane)	9300	U
76-44-8	Heptachlor	9300	U
309-00-2	Aldrin	9300	U
1024-57-3	Heptachlor epoxide	9300	U
959-98-8	Endosulfan I	9300	U
60-57-1	Dieldrin	18000	U
72-55-9	4,4'-DDE	2000	JP
72-20-8	Endrin	18000	U
33213-65-9	Endosulfan II	18000	U
72-54-8	4,4'-DDD	78000	
1031-07-8	Endosulfan sulfate	18000	U
50-29-3	4,4'-DDT	18000	U
72-43-5	Methoxychlor	93000	U
53494-70-5	Endrin ketone	18000	U
7421-93-4	Endrin aldehyde	18000	U
5103-71-9	alpha-Chlordane	9300	U
5103-74-2	gamma-Chlordane	9300	U
8001-35-2	Toxaphene	930000	U
12674-11-2	Aroclor-1016	180000	U
11104-28-2	Aroclor-1221	370000	U
11141-16-5	Aroclor-1232	180000	U
53469-21-9	Aroclor-1242	180000	U
12672-29-6	Aroclor-1248	180000	U
11097-69-1	Aroclor-1254	180000	U
11096-82-5	Aroclor-1260	180000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ8-CSS21

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16307 SAS No.: _____ SDG No.: 8CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-19

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1100	U
319-85-7	beta-BHC	1100	U
319-86-8	delta-BHC	1100	U
58-89-9	gamma-BHC (Lindane)	1100	U
76-44-8	Heptachlor	1100	U
309-00-2	Aldrin	1100	U
1024-57-3	Heptachlor epoxide	1100	U
959-98-8	Endosulfan I	1100	U
60-57-1	Dieldrin	2100	U
72-55-9	4,4'-DDE	2100	U
72-20-8	Endrin	2100	U
33213-65-9	Endosulfan II	2100	U
72-54-8	4,4'-DDD	6800	
1031-07-8	Endosulfan sulfate	2100	U
50-29-3	4,4'-DDT	3000	
72-43-5	Methoxychlor	11000	U
53494-70-5	Endrin ketone	2100	U
7421-93-4	Endrin aldehyde	2100	U
5103-71-9	alpha-Chlordane	1100	U
5103-74-2	gamma-Chlordane	1100	U
8001-35-2	Toxaphene	110000	U
12674-11-2	Aroclor-1016	21000	U
11104-28-2	Aroclor-1221	42000	U
11141-16-5	Aroclor-1232	21000	U
53469-21-9	Aroclor-1242	21000	U
12672-29-6	Aroclor-1248	21000	U
11097-69-1	Aroclor-1254	21000	U
11096-82-5	Aroclor-1260	21000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ3-CSS23

Lab Name: CEIMIC CORP Contract: OHM

b Code: CEIMIC Case No.: 16307 SAS No.: _____ SDG No.: 3CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-30

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 18 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21000	U
319-85-7	beta-BHC	21000	U
319-86-8	delta-BHC	21000	U
58-89-9	gamma-BHC (Lindane)	21000	U
76-44-8	Heptachlor	21000	U
309-00-2	Aldrin	21000	U
1024-57-3	Heptachlor epoxide	21000	U
959-98-8	Endosulfan I	21000	U
60-57-1	Dieldrin	40000	U
72-55-9	4,4'-DDE	40000	U
72-20-8	Endrin	40000	U
33213-65-9	Endosulfan II	40000	U
72-54-8	4,4'-DDD	130000	P
1031-07-8	Endosulfan sulfate	40000	U
50-29-3	4,4'-DDT	140000	
72-43-5	Methoxychlor	210000	U
53494-70-5	Endrin ketone	40000	U
7421-93-4	Endrin aldehyde	40000	U
5103-71-9	alpha-Chlordane	21000	U
5103-74-2	gamma-Chlordane	21000	U
8001-35-2	Toxaphene	2100000	U
12674-11-2	Aroclor-1016	400000	U
11104-28-2	Aroclor-1221	820000	U
11141-16-5	Aroclor-1232	400000	U
53469-21-9	Aroclor-1242	400000	U
12672-29-6	Aroclor-1248	400000	U
11097-69-1	Aroclor-1254	400000	U
11096-82-5	Aroclor-1260	400000	U

CEIMIC
REPORT PACKAGE 3
Sample CLJ2-CSS-22 (D) MS/MSD-38

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS23

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS23D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-22

Sample wt/vol: 30.2 (g/mL) G Lab File ID:

% Moisture: 2 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL) Dilution Factor: 1000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1700	U
319-85-7	beta-BHC	1700	U
319-86-8	delta-BHC	1700	U
58-89-9	gamma-BHC (Lindane)	1700	U
76-44-8	Heptachlor	1700	U
309-00-2	Aldrin	1700	U
1024-57-3	Heptachlor epoxide	1700	U
959-98-8	Endosulfan I	1700	U
60-57-1	Dieldrin	3300	U
72-55-9	4,4'-DDE	3300	U
72-20-8	Endrin	3300	U
33213-65-9	Endosulfan II	3300	U
72-54-8	4,4'-DDD	1700	JP
1031-07-8	Endosulfan sulfate	3300	U
50-29-3	4,4'-DDT	37000	
72-43-5	Methoxychlor	17000	U
53494-70-5	Endrin ketone	3300	U
7421-93-4	Endrin aldehyde	3300	U
5103-71-9	alpha-Chlordane	1700	U
5103-74-2	gamma-Chlordane	1700	U
8001-35-2	Toxaphene	170000	U
12674-11-2	Aroclor-1016	33000	U
11104-28-2	Aroclor-1221	68000	U
11141-16-5	Aroclor-1232	33000	U
53469-21-9	Aroclor-1242	33000	U
12672-29-6	Aroclor-1248	33000	U
11097-69-1	Aroclor-1254	33000	U
11096-82-5	Aroclor-1260	33000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS24

b Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-23

Sample wt/vol: 30.1 (g/mL) G Lab File ID:

% Moisture: 5 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 400

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	710	U
319-85-7	beta-BHC	710	U
319-86-8	delta-BHC	710	U
58-89-9	gamma-BHC (Lindane)	710	U
76-44-8	Heptachlor	710	U
309-00-2	Aldrin	710	U
1024-57-3	Heptachlor epoxide	710	U
959-98-8	Endosulfan I	710	U
60-57-1	Dieldrin	1400	U
72-55-9	4,4'-DDE	560	J
72-20-8	Endrin	1400	U
33213-65-9	Endosulfan II	1400	U
72-54-8	4,4'-DDD	1500	
1031-07-8	Endosulfan sulfate	1400	U
50-29-3	4,4'-DDT	8900	
72-43-5	Methoxychlor	7100	U
53494-70-5	Endrin ketone	1400	U
7421-93-4	Endrin aldehyde	1400	U
5103-71-9	alpha-Chlordane	710	U
5103-74-2	gamma-Chlordane	710	U
8001-35-2	Toxaphene	71000	U
12674-11-2	Aroclor-1016	14000	U
11104-28-2	Aroclor-1221	28000	U
11141-16-5	Aroclor-1232	14000	U
53469-21-9	Aroclor-1242	14000	U
12672-29-6	Aroclor-1248	14000	U
11097-69-1	Aroclor-1254	14000	U
11096-82-5	Aroclor-1260	14000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS25

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS32D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-24

Sample wt/vol: 30.2 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	35	U
72-55-9	4,4'-DDE	87	P
72-20-8	Endrin	35	U
33213-65-9	Endosulfan II	35	U
72-54-8	4,4'-DDD	48	
1031-07-8	Endosulfan sulfate	35	U
50-29-3	4,4'-DDT	160	
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	35	U
7421-93-4	Endrin aldehyde	35	U
5103-71-9	alpha-Chlordane	18	U
5103-74-2	gamma-Chlordane	18	U
8001-35-2	Toxaphene	1800	U
12674-11-2	Aroclor-1016	350	U
11104-28-2	Aroclor-1221	710	U
11141-16-5	Aroclor-1232	350	U
53469-21-9	Aroclor-1242	350	U
12672-29-6	Aroclor-1248	350	U
11097-69-1	Aroclor-1254	350	U
11096-82-5	Aroclor-1260	350	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS26

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-25

Sample wt/vol: 30.1 (g/mL) G Lab File ID:

% Moisture: 4 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL) Dilution Factor: 5000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8800	U
319-85-7	beta-BHC	8800	U
319-86-8	delta-BHC	8800	U
58-89-9	gamma-BHC (Lindane)	8800	U
76-44-8	Heptachlor	8800	U
309-00-2	Aldrin	8800	U
1024-57-3	Heptachlor epoxide	8800	U
959-98-8	Endosulfan I	8800	U
60-57-1	Dieldrin	17000	U
72-55-9	4,4'-DDE	17000	U
72-20-8	Endrin	17000	U
33213-65-9	Endosulfan II	17000	U
72-54-8	4,4'-DDD	4400	JP
1031-07-8	Endosulfan sulfate	17000	U
50-29-3	4,4'-DDT	93000	
72-43-5	Methoxychlor	88000	U
53494-70-5	Endrin ketone	17000	U
7421-93-4	Endrin aldehyde	17000	U
5103-71-9	alpha-Chlordane	8800	U
5103-74-2	gamma-Chlordane	8800	U
8001-35-2	Toxaphene	880000	U
12674-11-2	Aroclor-1016	170000	U
11104-28-2	Aroclor-1221	350000	U
11141-16-5	Aroclor-1232	170000	U
53469-21-9	Aroclor-1242	170000	U
12672-29-6	Aroclor-1248	170000	U
11097-69-1	Aroclor-1254	170000	U
11096-82-5	Aroclor-1260	170000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ3-CSS37

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS33D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-26

Sample wt/vol: 30.1 (g/mL) G Lab File ID:

% Moisture: 14 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/24/94

Injection Volume: 1.00 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	390	U
319-85-7	beta-BHC	390	U
319-86-8	delta-BHC	390	U
58-89-9	gamma-BHC (Lindane)	390	U
76-44-8	Heptachlor	46	J
309-00-2	Aldrin	390	U
1024-57-3	Heptachlor epoxide	390	U
959-98-8	Endosulfan I	390	U
60-57-1	Dieldrin	760	U
72-55-9	4,4'-DDE	140	J
72-20-8	Endrin	760	U
33213-65-9	Endosulfan II	760	U
72-54-8	4,4'-DDD	1000	
1031-07-8	Endosulfan sulfate	760	U
50-29-3	4,4'-DDT	6200	
72-43-5	Methoxychlor	3900	U
53494-70-5	Endrin ketone	760	U
7421-93-4	Endrin aldehyde	760	U
5103-71-9	alpha-Chlordane	80	JP
5103-74-2	gamma-Chlordane	70	J
8001-35-2	Toxaphene	39000	U
12674-11-2	Aroclor-1016	7600	U
11104-28-2	Aroclor-1221	16000	U
11141-16-5	Aroclor-1232	7600	U
53469-21-9	Aroclor-1242	7600	U
12672-29-6	Aroclor-1248	7600	U
11097-69-1	Aroclor-1254	7600	U
11096-82-5	Aroclor-1260	7600	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS29

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-27

Sample wt/vol: 30.3 (g/mL) G Lab File ID:

% Moisture: 8 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1800	U
319-85-7	beta-BHC	1800	U
319-86-8	delta-BHC	1800	U
58-89-9	gamma-BHC (Lindane)	1800	U
76-44-8	Heptachlor	1800	U
309-00-2	Aldrin	1800	U
1024-57-3	Heptachlor epoxide	1800	U
959-98-8	Endosulfan I	1800	U
60-57-1	Dieldrin	3600	U
72-55-9	4,4'-DDE	480	J
72-20-8	Endrin	3600	U
33213-65-9	Endosulfan II	3600	U
72-54-8	4,4'-DDD	18000	
1031-07-8	Endosulfan sulfate	3600	U
50-29-3	4,4'-DDT	10000	
72-43-5	Methoxychlor	18000	U
53494-70-5	Endrin ketone	3600	U
7421-93-4	Endrin aldehyde	3600	U
5103-71-9	alpha-Chlordane	1800	U
5103-74-2	gamma-Chlordane	1800	U
8001-35-2	Toxaphene	180000	U
12674-11-2	Aroclor-1016	36000	U
11104-28-2	Aroclor-1221	72000	U
11141-16-5	Aroclor-1232	36000	U
53469-21-9	Aroclor-1242	36000	U
12672-29-6	Aroclor-1248	36000	U
11097-69-1	Aroclor-1254	36000	U
11096-82-5	Aroclor-1260	36000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS29

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-29

Sample wt/vol: 30.2 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	19	U
319-86-8	delta-BHC	19	U
58-89-9	gamma-BHC (Lindane)	19	U
76-44-8	Heptachlor	19	U
309-00-2	Aldrin	19	U
1024-57-3	Heptachlor epoxide	19	U
959-98-8	Endosulfan I	19	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	15	J
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	590	
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	530	
72-43-5	Methoxychlor	190	U
53494-70-5	Endrin ketone	38	U
7421-93-4	Endrin aldehyde	38	U
5103-71-9	alpha-Chlordane	4.7	JP
5103-74-2	gamma-Chlordane	3.4	JP
8001-35-2	Toxaphene	1900	U
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	760	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS3D

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS23D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-39

Sample wt/vol: 30.3 (g/mL) G Lab File ID:

% Moisture: 9 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 400

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	740	U
319-85-7	beta-BHC	740	U
319-86-8	delta-BHC	740	U
58-89-9	gamma-BHC (Lindane)	740	U
76-44-8	Heptachlor	740	U
309-00-2	Aldrin	740	U
1024-57-3	Heptachlor epoxide	740	U
959-98-8	Endosulfan I	740	U
60-57-1	Dieldrin	1400	U
72-55-9	4,4'-DDE	360	J
72-20-8	Endrin	1400	U
33213-65-9	Endosulfan II	1400	U
72-54-8	4,4'-DDD	1800	P
1031-07-8	Endosulfan sulfate	1400	U
50-29-3	4,4'-DDT	9000	
72-43-5	Methoxychlor	7400	U
53494-70-5	Endrin ketone	1400	U
7421-93-4	Endrin aldehyde	1400	U
5103-71-9	alpha-Chlordane	740	U
5103-74-2	gamma-Chlordane	740	U
8001-35-2	Toxaphene	74000	U
12674-11-2	Aroclor-1016	14000	U
11104-28-2	Aroclor-1221	29000	U
11141-16-5	Aroclor-1232	14000	U
53469-21-9	Aroclor-1242	14000	U
12672-29-6	Aroclor-1248	14000	U
11097-69-1	Aroclor-1254	14000	U
11096-82-5	Aroclor-1260	14000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS31

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS32D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-30

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	90	U
319-85-7	beta-BHC	90	U
319-86-8	delta-BHC	90	U
58-89-9	gamma-BHC (Lindane)	90	U
76-44-8	Heptachlor	90	U
309-00-2	Aldrin	90	U
1024-57-3	Heptachlor epoxide	90	U
959-98-8	Endosulfan I	90	U
60-57-1	Dieldrin	170	U
72-55-9	4,4'-DDE	1100	
72-20-8	Endrin	170	U
33213-65-9	Endosulfan II	170	U
72-54-8	4,4'-DDD	730	P
1031-07-8	Endosulfan sulfate	170	U
50-29-3	4,4'-DDT	2200	
72-43-5	Methoxychlor	900	U
53494-70-5	Endrin ketone	170	U
7421-93-4	Endrin aldehyde	170	U
5103-71-9	alpha-Chlordane	90	U
5103-74-2	gamma-Chlordane	90	U
8001-35-2	Toxaphene	9000	U
12674-11-2	Aroclor-1016	1700	U
11104-28-2	Aroclor-1221	3600	U
11141-16-5	Aroclor-1232	1700	U
53469-21-9	Aroclor-1242	1700	U
12672-29-6	Aroclor-1248	1700	U
11097-69-1	Aroclor-1254	1700	U
11096-82-5	Aroclor-1260	1700	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS32

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS32D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-31

Sample wt/vol: 30.5 (g/mL) G Lab File ID:

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	900	U
319-85-7	beta-BHC	900	U
319-86-8	delta-BHC	900	U
58-89-9	gamma-BHC (Lindane)	900	U
76-44-8	Heptachlor	900	U
309-00-2	Aldrin	900	U
1024-57-3	Heptachlor epoxide	900	U
959-98-8	Endosulfan I	900	U
60-57-1	Dieldrin	1700	U
72-55-9	4,4'-DDE	1000	J
72-20-8	Endrin	1700	U
33213-65-9	Endosulfan II	1700	U
72-54-8	4,4'-DDD	2400	P
1031-07-8	Endosulfan sulfate	1700	U
50-29-3	4,4'-DDT	20000	
72-43-5	Methoxychlor	9000	U
53494-70-5	Endrin ketone	1700	U
7421-93-4	Endrin aldehyde	1700	U
5103-71-9	alpha-Chlordane	900	U
5103-74-2	gamma-Chlordane	900	U
8001-35-2	Toxaphene	90000	U
12674-11-2	Aroclor-1016	17000	U
11104-28-2	Aroclor-1221	35000	U
11141-16-5	Aroclor-1232	17000	U
53469-21-9	Aroclor-1242	17000	U
12672-29-6	Aroclor-1248	17000	U
11097-69-1	Aroclor-1254	17000	U
11096-82-5	Aroclor-1260	17000	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS33

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS33D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-33

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	360	U
319-85-7	beta-BHC	360	U
319-86-8	delta-BHC	360	U
58-89-9	gamma-BHC (Lindane)	360	U
76-44-8	Heptachlor	360	U
309-00-2	Aldrin	360	U
1024-57-3	Heptachlor epoxide	360	U
959-98-8	Endosulfan I	360	U
60-57-1	Dieldrin	700	U
72-55-9	4,4'-DDE	270	J
72-20-8	Endrin	700	U
33213-65-9	Endosulfan II	700	U
72-54-8	4,4'-DDD	1000	P
1031-07-8	Endosulfan sulfate	700	U
50-29-3	4,4'-DDT	4700	
72-43-5	Methoxychlor	3600	U
53494-70-5	Endrin ketone	700	U
7421-93-4	Endrin aldehyde	700	U
5103-71-9	alpha-Chlordane	360	U
5103-74-2	gamma-Chlordane	360	U
8001-35-2	Toxaphene	36000	U
12674-11-2	Aroclor-1016	7000	U
11104-28-2	Aroclor-1221	14000	U
11141-16-5	Aroclor-1232	7000	U
53469-21-9	Aroclor-1242	7000	U
12672-29-6	Aroclor-1248	7000	U
11097-69-1	Aroclor-1254	7000	U
11096-82-5	Aroclor-1260	7000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS34

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS32D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-34

Sample wt/vol: 30.2 (g/mL) G Lab File ID:

% Moisture: 17 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	2.6	JP
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	23	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	80	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS35

b Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-35

Sample wt/vol: 30.1 (g/mL) G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.0	U
319-85-7	beta-BHC	4.0	U
319-86-8	delta-BHC	4.0	U
58-89-9	gamma-BHC (Lindane)	4.0	U
76-44-8	Heptachlor	4.0	U
309-00-2	Aldrin	4.0	U
1024-57-3	Heptachlor epoxide	4.0	U
959-98-8	Endosulfan I	4.0	U
60-57-1	Dieldrin	7.8	U
72-55-9	4,4'-DDE	17	
72-20-8	Endrin	7.8	U
33213-65-9	Endosulfan II	7.8	U
72-54-8	4,4'-DDD	8.1	P
1031-07-8	Endosulfan sulfate	7.8	U
50-29-3	4,4'-DDT	69	
72-43-5	Methoxychlor	40	U
53494-70-5	Endrin ketone	7.8	U
7421-93-4	Endrin aldehyde	7.8	U
5103-71-9	alpha-Chlordane	4.0	U
5103-74-2	gamma-Chlordane	4.0	U
8001-35-2	Toxaphene	400	U
12674-11-2	Aroclor-1016	78	U
11104-28-2	Aroclor-1221	160	U
11141-16-5	Aroclor-1232	78	U
53469-21-9	Aroclor-1242	78	U
12672-29-6	Aroclor-1248	78	U
11097-69-1	Aroclor-1254	78	U
11096-82-5	Aroclor-1260	78	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS36

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS23D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-36

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 18 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4'-DDT	30	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS37

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-33

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 6 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	890	U
319-85-7	beta-BHC	890	U
319-86-8	delta-BHC	890	U
58-89-9	gamma-BHC (Lindane)	890	U
76-44-8	Heptachlor	890	U
309-00-2	Aldrin	890	U
1024-57-3	Heptachlor epoxide	890	U
959-98-8	Endosulfan I	890	U
60-57-1	Dieldrin	1700	U
72-55-9	4,4'-DDE	520	JP
72-20-8	Endrin	1700	U
33213-65-9	Endosulfan II	1700	U
72-54-8	4,4'-DDD	6100	
1031-07-8	Endosulfan sulfate	1700	U
50-29-3	4,4'-DDT	9600	
72-43-5	Methoxychlor	8900	U
53494-70-5	Endrin ketone	1700	U
7421-93-4	Endrin aldehyde	1700	U
5103-71-9	alpha-Chlordane	890	U
5103-74-2	gamma-Chlordane	890	U
8001-35-2	Toxaphene	89000	U
12674-11-2	Aroclor-1016	17000	U
11104-28-2	Aroclor-1221	35000	U
11141-16-5	Aroclor-1232	17000	U
53469-21-9	Aroclor-1242	17000	U
12672-29-6	Aroclor-1248	17000	U
11097-69-1	Aroclor-1254	17000	U
11096-82-5	Aroclor-1260	17000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS38

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS32D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-39

Sample wt/vol: 30.1 (g/mL) G Lab File ID:

% Moisture: 13 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	390	U
319-85-7	beta-BHC	390	U
319-86-8	delta-BHC	390	U
58-89-9	gamma-BHC (Lindane)	390	U
76-44-8	Heptachlor	390	U
309-00-2	Aldrin	390	U
1024-57-3	Heptachlor epoxide	390	U
959-98-8	Endosulfan I	390	U
60-57-1	Dieldrin	750	U
72-55-9	4,4'-DDE	180	J
72-20-8	Endrin	750	U
33213-65-9	Endosulfan II	750	U
72-54-8	4,4'-DDD	6200	
1031-07-8	Endosulfan sulfate	750	U
50-29-3	4,4'-DDT	750	U
72-43-5	Methoxychlor	3900	U
53494-70-5	Endrin ketone	750	U
7421-93-4	Endrin aldehyde	750	U
5103-71-9	alpha-Chlordane	390	U
5103-74-2	gamma-Chlordane	390	U
8001-35-2	Toxaphene	39000	U
12674-11-2	Aroclor-1016	7500	U
11104-28-2	Aroclor-1221	15000	U
11141-16-5	Aroclor-1232	7500	U
53469-21-9	Aroclor-1242	7500	U
12672-29-6	Aroclor-1248	7500	U
11097-69-1	Aroclor-1254	7500	U
11096-82-5	Aroclor-1260	7500	U

CEIMIC
CORRECTIONS/AMMENDMENTS

CEIMIC
CORPORATION
"Analytical Chemistry for Environmental Management"

August 5, 1994

Ms. Theresa Rojas
OHM Remediation Services Corporation
5335 Triangle Parkway, Suite 450
Norcross, GA 30092

Subject: Questions regarding the Camp LeJeune 2 Project

Dear Ms. Rojas:

It was a pleasure speaking with you, on the telephone, earlier this week regarding the analyses performed at Ceimic Corporation relative to the above subject.

We have had the opportunity to re-evaluate the data and perform additional work, the following are our findings:

1. The Form I for sample CLJ2-CSS31 (940641-30) was revised, the result for Dieldrin changed to 50 U (Please refer to the enclosures).

2. A dilution factor inputting error was found for samples CLJ2-CSS32 MS/MSD (940641-32 MS/MSD). These forms have been revised and are enclosed.

3. Table 1 is a summary of analytical results which showed lack of precision for the field duplicate analysis.

Should you have any questions, please feel free to contact me.

Sincerely,

Miguel Muzzio, Ph.D.
Laboratory Manager

MM/mfc

Enclosures

10 Dean Knauss Drive, Narragansett, R.I. 02882 • (401) 782-8900 • FAX (401) 782-8905

TABLE 1

OHM ID	Ceimic ID	Soil Physical Appearance	DDT CONC (ppb)	DDD CONC (ppb)	DDE CONC (ppb)
CSS12	940641-09	Sandy, homogenous	13,000	21,000	15,005
CSS12*	940641-09*	Sandy, homogenous	5,400	9,100	850
CSS12D	940641-10	Sandy, homogenous	4,100J	51,000	2,400J
CSS12D*	940641-10*	Sandy, homogenous	8,400	90,000	2,805
CSS22	940641-20	Sandy, homogenous	140,000	130,000	
CSS22*	940641-20*	Sandy, homogenous	140,000	120,000	
CSS22D	940641-21	Sandy, homogenous	75,000	40,000	
CSS22D*	940641-21*	Sandy, homogenous	170,000	145,000	
CSS32	940641-31	Non-homogenous, 2 colors coarse soil	20,000	2,400	1,000J
CSS32*	940641-31*	Non-homogenous, 2 colors coarse soil	32,000	3,800	1,100
CSS32D	940641-32	Non-homogenous, 2 colors coarse soil	23,000	6,500	1,100J
CSS32D*	940641-32*	Non-homogenous, 2 colors coarse soil	6,800	790	260

* These samples were re-extracted and re-analyzed.

The lack of precision observed on the results is more likely due to the homogeneity of the matrix in conjunction with the big dilutions required for the analysis due to the high concentration of organic compounds.

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS31

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-30

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	90	U
319-85-7	beta-BHC	90	U
319-86-8	delta-BHC	90	U
58-89-9	gamma-BHC (Lindane)	90	U
76-44-8	Heptachlor	90	U
309-00-2	Aldrin	90	U
1024-57-3	Heptachlor epoxide	90	U
959-98-8	Endosulfan I	90	U
60-57-1	Dieldrin	50	U
72-55-9	4,4'-DDE	1100	
72-20-8	Endrin	170	U
33213-65-9	Endosulfan II	170	U
72-54-8	4,4'-DDD	730	P
1031-07-8	Endosulfan sulfate	170	U
50-29-3	4,4'-DDT	2200	
72-43-5	Methoxychlor	900	U
53494-70-5	Endrin ketone	170	U
7421-93-4	Endrin aldehyde	170	U
5103-71-9	alpha-Chlordane	90	U
5103-74-2	gamma-Chlordane	90	U
8001-35-2	Toxaphene	9000	U
12674-11-2	Aroclor-1016	1700	U
11104-28-2	Aroclor-1221	3600	U
11141-16-5	Aroclor-1232	1700	U
53469-21-9	Aroclor-1242	1700	U
12672-29-6	Aroclor-1248	1700	U
11097-69-1	Aroclor-1254	1700	U
11096-82-5	Aroclor-1260	1700	U

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2CSS32DMS

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Lab Sample ID : 940641-32MS Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1 Instrument ID (2): AD8_1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	19.90	19.83	19.97	621	
	2	17.96	17.88	18.02	724	16.6
4,4'-DDD	1	22.33	22.26	22.40	3620	
	2	21.18	21.10	21.24	2220	63.1
4,4'-DDT	1	23.62	23.54	23.68	17100	
	2	21.86	21.78	21.92	17200	0.6

FORM X PEST-1 3/90

revised 8/4/94 M.

156

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2CSS32DMSD

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Lab Sample ID : 940641-32MSD Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1 Instrument ID (2): AD8_1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	19.90	19.83	19.97	522	
	2	17.96	17.88	18.02	620	18.9
4,4'-DDD	1	22.33	22.26	22.40	3370	
	2	21.18	21.10	21.24	2230	51.1
4,4'-DDT	1	23.62	23.54	23.68	7920	
	2	21.86	21.78	21.92	7580	4.5

FORM X PEST-1 3/90

revised 8/4/94 HC

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS32DMS

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-32MS

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 5 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	880	U
319-85-7	beta-BHC	880	U
319-86-8	delta-BHC	880	U
58-89-9	gamma-BHC (Lindane)	880	U
76-44-8	Heptachlor	880	U
309-00-2	Aldrin	880	U
1024-57-3	Heptachlor epoxide	880	U
959-98-8	Endosulfan I	880	U
60-57-1	Dieldrin	1700	U
72-55-9	4,4'-DDE	620	J
72-20-8	Endrin	1700	U
33213-65-9	Endosulfan II	1700	U
72-54-8	4,4'-DDD	2200	P
1031-07-8	Endosulfan sulfate	1700	U
50-29-3	4,4'-DDT	17000	
72-43-5	Methoxychlor	8800	U
53494-70-5	Endrin ketone	1700	U
7421-93-4	Endrin aldehyde	1700	U
5103-71-9	alpha-Chlordane	880	U
5103-74-2	gamma-Chlordane	880	U
8001-35-2	Toxaphene	88000	U
12674-11-2	Aroclor-1016	17000	U
11104-28-2	Aroclor-1221	35000	U
11141-16-5	Aroclor-1232	17000	U
53469-21-9	Aroclor-1242	17000	U
12672-29-6	Aroclor-1248	17000	U
11097-69-1	Aroclor-1254	17000	U
11096-82-5	Aroclor-1260	17000	U

revised 8/4/94 HL

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS32DMSD

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS22D

Matrix: (soil/water) SOIL Lab Sample ID: 940641-32MSD

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 5 decanted: (Y/N) N Date Received: 07/21/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	880	U
319-85-7	beta-BHC	880	U
319-86-8	delta-BHC	880	U
58-89-9	gamma-BHC (Lindane)	880	U
76-44-8	Heptachlor	880	U
309-00-2	Aldrin	880	U
1024-57-3	Heptachlor epoxide	880	U
959-98-8	Endosulfan I	880	U
60-57-1	Dieldrin	1700	U
72-55-9	4,4'-DDE	520	J
72-20-8	Endrin	1700	U
33213-65-9	Endosulfan II	1700	U
72-54-8	4,4'-DDD	2200	P
1031-07-8	Endosulfan sulfate	1700	U
50-29-3	4,4'-DDT	7600	
72-43-5	Methoxychlor	8800	U
53494-70-5	Endrin ketone	1700	U
7421-93-4	Endrin aldehyde	1700	U
5103-71-9	alpha-Chlordane	880	U
5103-74-2	gamma-Chlordane	880	U
8001-35-2	Toxaphene	88000	U
12674-11-2	Aroclor-1016	17000	U
11104-28-2	Aroclor-1221	35000	U
11141-16-5	Aroclor-1232	17000	U
53469-21-9	Aroclor-1242	17000	U
12672-29-6	Aroclor-1248	17000	U
11097-69-1	Aroclor-1254	17000	U
11096-82-5	Aroclor-1260	17000	U

revised 8/4/94 HL

CEIMIC
REPORT PACKAGE 1

CCSR-CSS-01
CCSR-CSS-02

CEIMIC
CORPORATION
"Analytical Chemistry for Environmental Management"

July 19, 1994

Ms. Theresa Rojas
OHM Remediation Services Corp.
5335 Triangle Parkway
Suite 450
Norcross, GA 30092

Dear Ms. Rojas:

Enclosed is a copy of the data package for the analyses of 2 soil samples which were received at CEIMIC on July 14, 1994. The samples were analyzed under OHM Case No. 16207, SDG No. CSS01.

If you have any questions regarding this data please call.

Sincerely,

Miguel Muzzio
Laboratory Manager

MM/jmf

Enclosures

10 Dean Knauss Drive, Narragansett, R.I. 02882 • (401) 782-8900 • FAX (401) 782-8905

PROJECT NARRATIVE

SDG NARRATIVE

The enclosed data package is in response to OHM Case No. 16207, SDG No. CSS01. Under this SDG, there are 2 Pest analyses for 2 soil samples which were received at CEIMIC on July 14, 1994 from OHM Remediation Services Corp.

This data package includes the analyses for the following samples from SDG No. CSS01:

CLIENT ID	ANALYSIS
CLJ2-CSS-01	Pest
CLJ2-CSS-02	Pest

The submitted data covers the analysis of the Pesticides (PEST) fraction and its associated blanks and QA/QC. CEIMIC would like to highlight the following points pertaining to the analyses performed for this case:

(2) INSTRUMENTATION AND COLUMN IDENTIFICATION

The following instruments were used for the analyses:

GC ANALYSIS

A. Pest

AD6_1: HP5890 using 30m x 0.53mm ID DB-608 megabore column.

AD7_1: HP5890 using 30m x 0.53mm ID DB-1701 megabore column.

(3) SAMPLE INFORMATION

Additional qualifier: "x"

An "x" qualifier is flagged by Formaster software whenever the data is manually edited.

The letters "M" for GC/MS and "FF" for GC are used on the raw data of the quantitation report whenever a manual integration is performed. These data manipulations are done only to correct for computer integration error.

A. Pest Fraction

No noncompliances are noted.

DEVIATIONS FROM THE SOW

None other than specified above.

End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Miguel Muzzio
Laboratory Manager

7/19/94
Date

CHAIN-OF-CUSTODY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

137072

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME	PROJECT LOCATION
Camp Le Jeune 2	Camp Le Jeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16204	Claudine BIGHAM	910 451-1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): TCLP 8080 (PCB) / ~~TCP~~ / TPH-8015-DAR-GAR

Please fax results to: 910 451-1809

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP 8080 (PCB)	~~TCP~~	TPH-8015-DAR-GAR						REMARKS
1	CLJ2-CSS-01	7/13/94	1500		X	Camp Le Jeune 2 Confirmation - Soil Sample 01	1	✓		✓						
2	CLJ2-CSS-02	7/13/94	1500		X	Camp Le Jeune 2 Confirmation Soil Sample 02	1	✓		✓						
3																
4																
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-2	[illegible]	Claudine Bigham	7/13/94	
2					
3					
4	05		[illegible]	7/14/94	[illegible]

REMARKS

TAT: 48 hours

*All Samples Cooled

SAMPLER'S SIGNATURE

ORGANIC SUMMARY PACKAGE

2. TCL AND TIC

~~(1) VOA~~
~~(2) SV~~
(3) PEST

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS-01

Lab Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-01

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 18 decanted: (Y/N) N Date Received: 07/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 4.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	20	U
72-55-9	4,4'-DDE	30	
72-20-8	Endrin	20	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	64	P
1031-07-8	Endosulfan sulfate	20	U
50-29-3	4,4'-DDT	170	
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	20	U
7421-93-4	Endrin aldehyde	20	U
5103-71-9	alpha-Chlordane	10	U
5103-74-2	gamma-Chlordane	10	U
8001-35-2	Toxaphene	1000	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	200	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS-02

Lab Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-02

Sample wt/vol: 30.3 (g/mL) G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date Received: 07/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) Y pH: 4.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	400	U
319-85-7	beta-BHC	400	U
319-86-8	delta-BHC	400	U
58-89-9	gamma-BHC (Lindane)	400	U
76-44-8	Heptachlor	400	U
309-00-2	Aldrin	400	U
1024-57-3	Heptachlor epoxide	400	U
959-98-8	Endosulfan I	400	U
60-57-1	Dieldrin	780	U
72-55-9	4,4'-DDE	1500	P
72-20-8	Endrin	780	U
33213-65-9	Endosulfan II	780	U
72-54-8	4,4'-DDD	54000	
1031-07-8	Endosulfan sulfate	780	U
50-29-3	4,4'-DDT	780	U
72-43-5	Methoxychlor	4000	U
53494-70-5	Endrin ketone	780	U
7421-93-4	Endrin aldehyde	780	U
5103-71-9	alpha-Chlordane	400	U
5103-74-2	gamma-Chlordane	400	U
8001-35-2	Toxaphene	40000	U
12674-11-2	Aroclor-1016	7800	U
11104-28-2	Aroclor-1221	16000	U
11141-16-5	Aroclor-1232	7800	U
53469-21-9	Aroclor-1242	7800	U
12672-29-6	Aroclor-1248	7800	U
11097-69-1	Aroclor-1254	7800	U
11096-82-5	Aroclor-1260	7800	U

09

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSS-02DL

Lab Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-02DL

Sample wt/vol: 30.3 (g/mL) G Lab File ID:

% Moisture: 16 decanted: (Y/N) N Date Received: 07/15/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 2000

GPC Cleanup: (Y/N) Y pH: 4.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4000	U
319-85-7	beta-BHC	4000	U
319-86-8	delta-BHC	4000	U
58-89-9	gamma-BHC (Lindane)	4000	U
76-44-8	Heptachlor	4000	U
309-00-2	Aldrin	4000	U
1024-57-3	Heptachlor epoxide	4000	U
959-98-8	Endosulfan I	4000	U
60-57-1	Dieldrin	7800	U
72-55-9	4,4'-DDE	7800	U
72-20-8	Endrin	7800	U
33213-65-9	Endosulfan II	7800	U
72-54-8	4,4'-DDD	58000	
1031-07-8	Endosulfan sulfate	7800	U
50-29-3	4,4'-DDT	7800	U
72-43-5	Methoxychlor	40000	U
53494-70-5	Endrin ketone	7800	U
7421-93-4	Endrin aldehyde	7800	U
5103-71-9	alpha-Chlordane	4000	U
5103-74-2	gamma-Chlordane	4000	U
8001-35-2	Toxaphene	400000	U
12674-11-2	Aroclor-1016	78000	U
11104-28-2	Aroclor-1221	160000	U
11141-16-5	Aroclor-1232	78000	U
53469-21-9	Aroclor-1242	78000	U
12672-29-6	Aroclor-1248	78000	U
11097-69-1	Aroclor-1254	78000	U
11096-82-5	Aroclor-1260	78000	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK00

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK00

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/05/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0A

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

12

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0B

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0C

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK10

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK10

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/05/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1A

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1B

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1C

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

3. SURROGATE SPIKE ANALYSIS RESULTS

~~(1) VOA~~
~~(2) SV~~
(3) PEST

3F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK01	100		96		99		99				0
02	CLJ2-CSS-01	109		70		87		78				0
03	CLJ2-CSS-02	0*		0*		0*		0*				4
04	CSS-02DL	0*		0*		0*		0*				4

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate diluted out

5. BLANK DATA

~~(1) VOA~~
~~(2) SV~~
(3) PEST

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK01

b Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Lab Sample ID: P0715-B1 Lab File ID:

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 07/15/94

Date Analyzed (1): 07/16/94 Date Analyzed (2): 07/16/94

Time Analyzed (1): 1228 Time Analyzed (2): 1228

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (m

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJ2-CSS-01	940627-01	07/16/94	07/16/94
02	CLJ2-CSS-02	940627-02	07/16/94	07/16/94
03	CSS-02DL	940627-02DL	07/16/94	07/16/94

COMMENTS:

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: P0715-B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

6. ~~INTERNAL STANDARD AREA DATA~~ Identification Summary

~~(1) VOA~~
~~(2) SV~~
(3) Pesticide

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS-01

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Lab Sample ID : 940627-01 Dates(s) Analyzed: 07/16/94 07/16/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	31.6	
	2	16.45	16.39	16.53	30.2	4.6
4,4'-DDD	1	24.54	24.46	24.60	103	
	2	19.69	19.62	19.76	63.5	62.2
4,4'-DDT	1	25.86	25.78	25.92	176	
	2	20.33	20.26	20.40	168	4.8

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS-02

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Lab Sample ID : 940627-02 Dates(s) Analyzed: 07/16/94 07/16/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	2300	
	2	16.44	16.39	16.53	1500	53.3
4,4'-DDD	1	24.53	24.46	24.60	62600	
	2	19.68	19.62	19.76	54400	15.1

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CSS-02DL

Lab Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Lab Sample ID : 940627-02DL Dates(s) Analyzed: 07/16/94 07/16/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	24.52	24.46	24.60	59400	
	2	19.68	19.62	19.76	58000	2.4

PESTICIDES/PCBS

PESTICIDES/PCBS

a. QC Summary

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC	TCX 1 #	TCX 2 %REC	TCX 2 #	DCB 1 %REC	DCB 1 #	DCB 2 %REC	DCB 2 #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK01	100		96		99		99				0
02	CLJ2-CSS-01	109		70		87		78				0
03	CLJ2-CSS-02	0*		0*		0*		0*				4
04	CSS-02DL	0*		0*		0*		0*				4

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Lab Sample ID: P0715-B1 Lab File ID:

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 07/15/94

Date Analyzed (1): 07/16/94 Date Analyzed (2): 07/16/94

Time Analyzed (1): 1228 Time Analyzed (2): 1228

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJ2-CSS-01	940627-01	07/16/94	07/16/94
02	CLJ2-CSS-02	940627-02	07/16/94	07/16/94
03	CSS-02DL	940627-02DL	07/16/94	07/16/94

COMMENTS:

PESTICIDES/PCBS

b. Sample Data

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS-01

Lab Name: CEIMIC CORP Contract:

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-01

Sample wt/vol: 30.4 (g/mL) G Lab File ID:

% Moisture: 18 decanted: (Y/N) N Date Received: 07/15/94

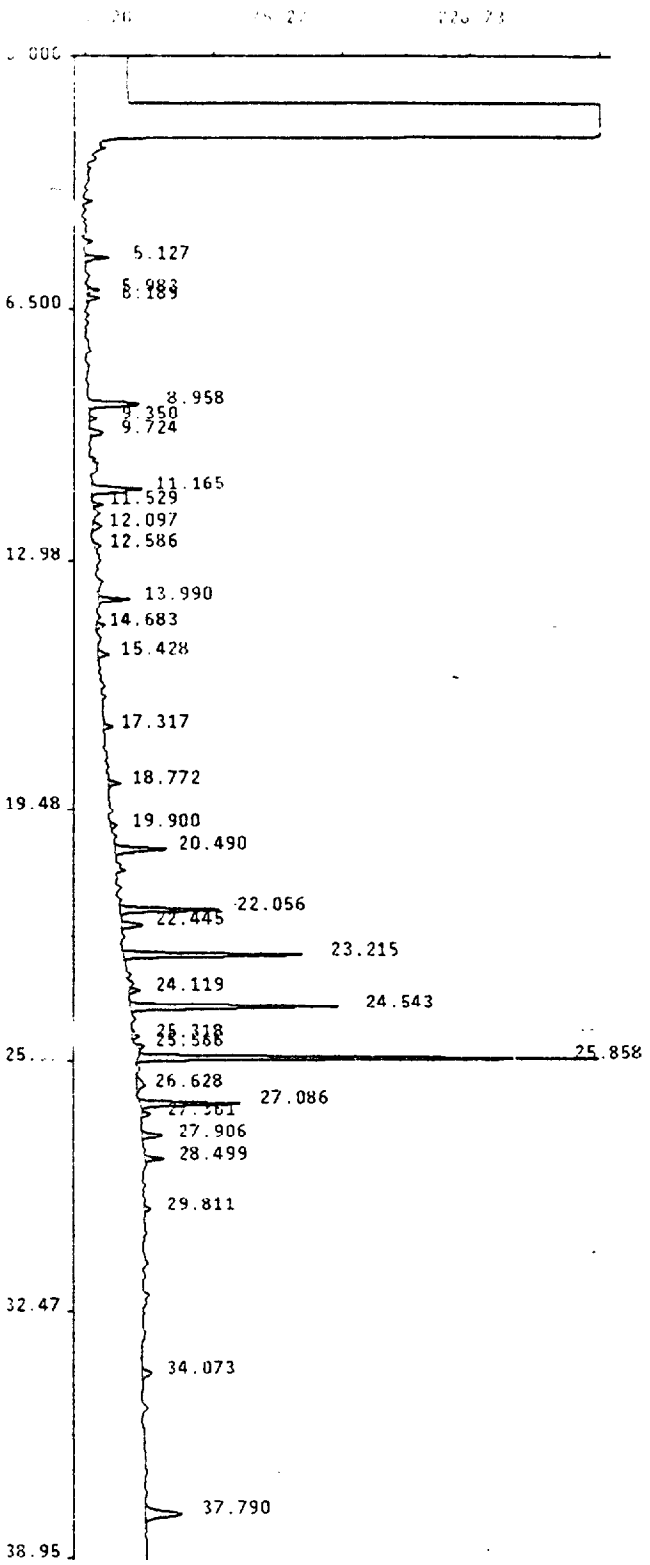
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

GPC Cleanup: (Y/N) Y pH: 4.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	20	U
72-55-9	4,4'-DDE	30	
72-20-8	Endrin	20	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	64	P
1031-07-8	Endosulfan sulfate	20	U
50-29-3	4,4'-DDT	170	
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	20	U
7421-93-4	Endrin aldehyde	20	U
5103-71-9	alpha-Chlordane	10	U
5103-74-2	gamma-Chlordane	10	U
8001-35-2	Toxaphene	1000	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	400	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	200	U



Ceimic Corporation Pest/PCB Report

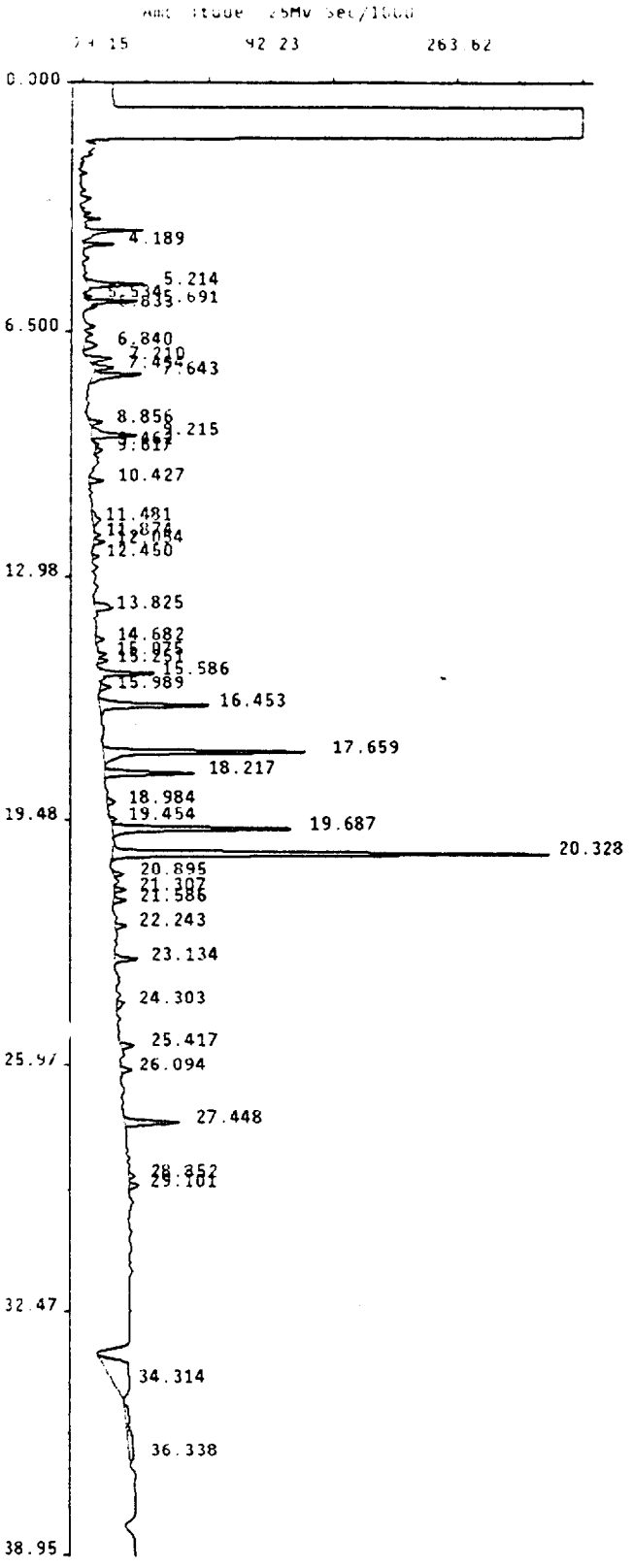
DF : 5

Sample Name : CLJ2-CSS-01
Lab Id : 940627-01
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL005.RES
Inject Time : 1355 16Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.13	9415	BB	.008	
2	5.98	4196	BB	.003	
3	6.19	4994	BB	.004	
4	8.96	30918	BB	.009	TCX
5	9.35	2970	BB	.002	
6	9.72	7172	BB	.006	
7	11.16	25180	BB	.020	
8	11.53	3337	BB	.003	
9	12.10	5564	BB	.003	ALPHA-BHC
10	12.59	3316	BB	.003	
11	13.99	13102	BB	.011	
12	14.68	4119	BB	.003	
13	15.43	4792	BB	.004	
14	17.32	4307	BB	.003	
15	18.77	5691	BB	.005	
16	19.90	3300	BB	.003	
17	20.49	27004	BB	.022	
18	22.06	43437	BB	.016	4,4'-DDE
19	22.44	11589	BB	.004	DIELDRIN
20	23.22	79585	BB	.064	
21	24.12	4482	BB	.002	ENDRIN
22	24.54	104556	BB	.052	4,4'-DDD
23	25.32	3516	BB	.003	
24	25.57	2961	BB	.002	
25	25.86	190862	BB	.088	4,4'-DDT
26	26.63	8349	BB	.007	
27	27.09	47602	BB	.038	
28	27.36	4323	BB	.003	
29	27.91	10745	BB	.009	
30	28.50	8462	BB	.007	
31	29.81	3091	BB	.002	METHOXYCHLOR
32	34.07	6682	BB	.005	
33	37.79	30334	BB	.007	DCB

Total Area: 719951

Method File: /DATA/METHOD/INDAB06.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1439 16Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS-01
Lab Id : 940627-01
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : External STD
Result File : /DATA/RESULT/D7P16JUL005.RES
Inject Time : 1355 16Jul1994
Run Status : EndOffBaseline
SignalOverload

DF : 5

Multilevel : False
Application : Loop
Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	4.19	13374	BB	.001	
2	5.21	33458	BB	.006	TCX
3	5.53	2306	BB	.000	
4	5.69	20421	BB	.002	
5	5.83	2525	BB	.000	
6	6.84	11023	BB	.001	
7	7.21	17358	BB	.002	
8	7.45	11630	BB	.001	
9	7.64	31251	BB	.003	
10	8.86	8158	BB	.001	
11	9.21	32048	BB	.003	
12	9.46	2294	BB	.000	
13	9.62	4207	BB	.000	
14	10.43	7986	BB	.001	
15	11.48	10187	BB	.001	
16	11.87	2880	BB	.000	
17	12.05	6608	BB	.001	
18	12.45	3859	BB	.000	
19	13.83	15083	BB	.005	DELTA-BHC
20	14.68	5380	BB	.001	
21	15.08	4045	BB	.000	
22	15.25	4884	BB	.001	
23	15.59	29851	BB	.003	
24	15.99	4839	BB	.001	A. CHLORDANE
25	16.45	72438	BB	.015	4,4'-DDE
26	17.66	128811	BB	.014	
27	18.22	55240	BB	.006	
28	18.98	5577	BB	.001	
29	19.45	3075	BB	.000	
30	19.69	110525	BB	.032	4,4'-DDD
31	20.33	267537	BB	.084	4,4'-DDT
32	20.89	6964	BB	.001	
33	21.31	6424	BB	.001	
34	21.59	7383	BB	.001	
35	22.24	6772	BB	.001	
36	23.13	14103	BB	.001	
37	24.30	6699	BB	.002	ENDRIN KETON
38	25.42	8167	BB	.001	
39	26.09	7480	BB	.001	
40	27.45	34523	BB	.006	DCB
41	28.85	3449	BB	.000	

X 7/16/94
X 7/16/94
X 7/16/94

Sample Name : CLJ2-CSS-01
Lab Id : 940627-01
Inst Id & Col : AD7_1, DB1701 DF: 5
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL005.RES
Inject Time : 1355 16Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
42	29.10	6969	BB	.001	
43	34.31	98234	BB	.010	
44	36.34	33954	BB	.004	
		1169978			

Total Area:

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1439 16Jul1994

K-
7/16/94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS-02

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-02

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 07/15/94

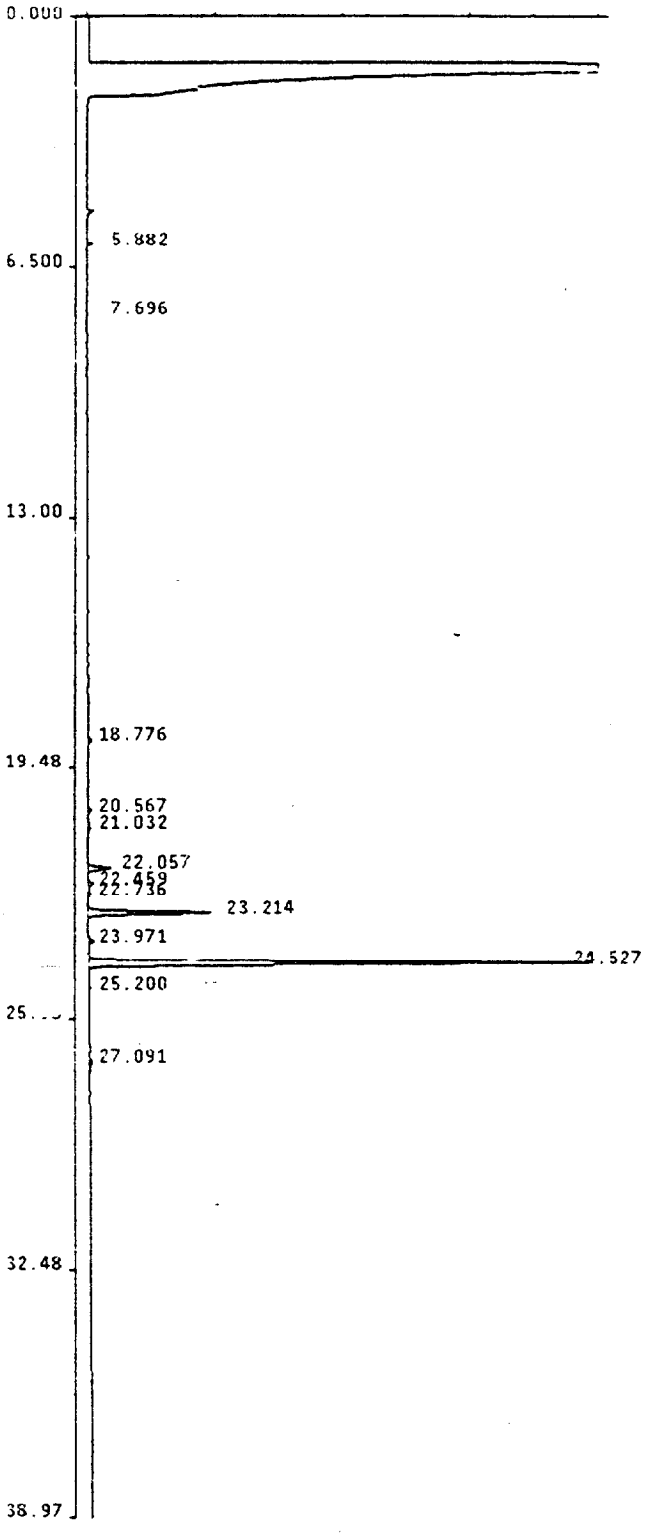
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 200

GPC Cleanup: (Y/N) Y pH: 4.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	400	U
319-85-7	beta-BHC	400	U
319-86-8	delta-BHC	400	U
58-89-9	gamma-BHC (Lindane)	400	U
76-44-8	Heptachlor	400	U
309-00-2	Aldrin	400	U
1024-57-3	Heptachlor epoxide	400	U
959-98-8	Endosulfan I	400	U
60-57-1	Dieldrin	780	U
72-55-9	4,4'-DDE	1500	P
72-20-8	Endrin	780	U
33213-65-9	Endosulfan II	780	U
72-54-8	4,4'-DDD	54000	
1031-07-8	Endosulfan sulfate	780	U
50-29-3	4,4'-DDT	780	U
72-43-5	Methoxychlor	4000	U
53494-70-5	Endrin ketone	780	U
7421-93-4	Endrin aldehyde	780	U
5103-71-9	alpha-Chlordane	400	U
5103-74-2	gamma-Chlordane	400	U
8001-35-2	Toxaphene	40000	U
12674-11-2	Aroclor-1016	7800	U
11104-28-2	Aroclor-1221	16000	U
11141-16-5	Aroclor-1232	7800	U
53469-21-9	Aroclor-1242	7800	U
12672-29-6	Aroclor-1248	7800	U
11097-69-1	Aroclor-1254	7800	U
11096-82-5	Aroclor-1260	7800	U



Ceimic Corporation Pest/PCB Report

DF = 20

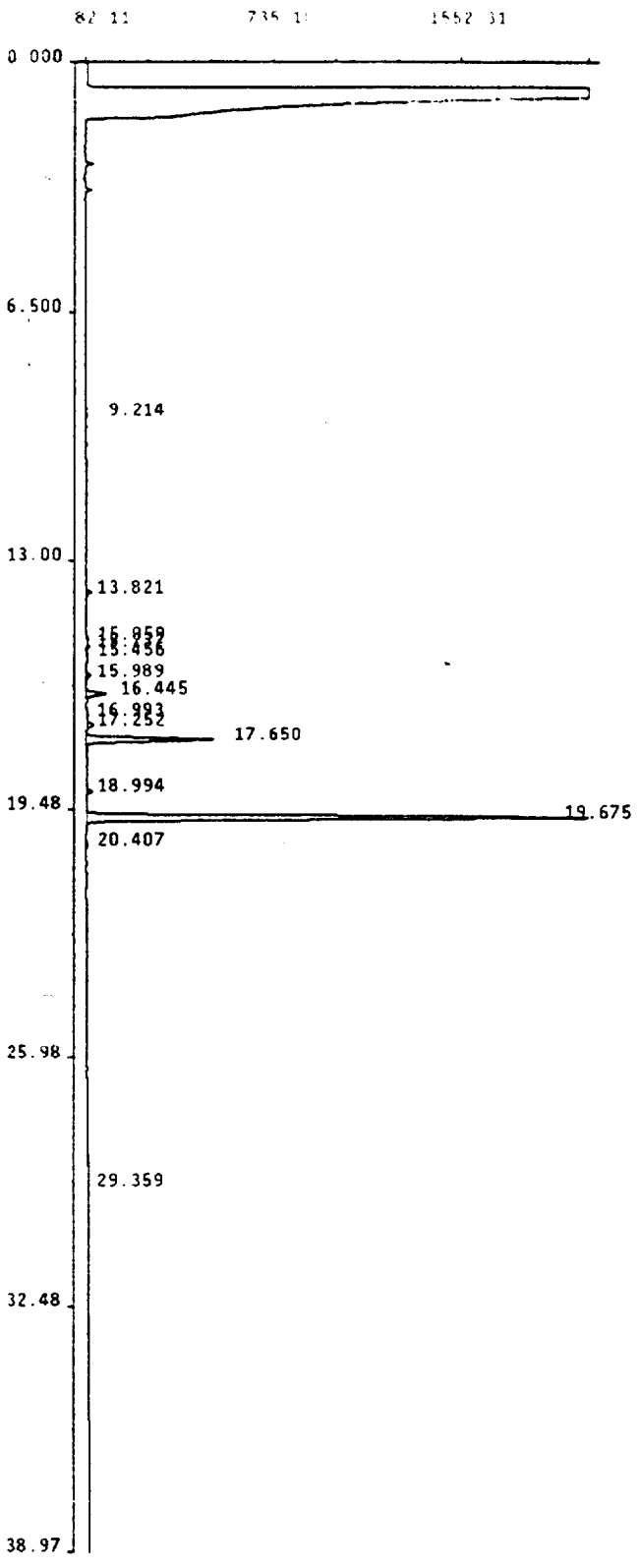
Sample Name : CLJ2-CSS-02
Lab Id : 940627-02
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/D6P16JUL009.RES
Inject Time : 1701 16Jul1994
Run Status : NoReference
SignalOverload

Multilevel : False
Application : Loop
Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	5.88	15489	BB	.012	
2	7.70	3433	BB	.003	
3	18.78	15163	BB	.012	
4	20.57	8841	BB	.007	
5	21.03	10159	BB	.004	ENDOSULF. I
6	22.06	80551	BB	.029	4,4'-DDE
7	22.46	12847	BB	.005	DIELDRIN
8	22.74	4741	BB	.004	
9	23.21	391378	BB	.314	
10	23.97	14687	BB	.012	
11	24.53	1618510	BB	.799	4,4'-DDD
12	25.20	4385	BB	.004	
13	27.09	9562	BB	.008	

Total Area:		2189745			

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0910 17Jul1994



Celmic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS-02
Lab Id : 940627-02
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/D7P16JUL009.RES
Inject Time : 1701 16Jul1994
Run Status : NoReference
SignalOverload

97 = 200

Multilevel : False
Application : Loop
Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	9.21	4119	BB	.000	
2	13.82	27414	BB	.009	DELTA-BHC
3	15.06	9027	BB	.001	
4	15.23	11381	BB	.001	
5	15.46	3787	BB	.001	ENDOSULF. I
6	15.99	22551	BB	.004	A. CHLORDANE
7	16.44	91599	BB	.019	4,4'-DDE
8	16.99	4009	BB	.001	DIELDRIN
9	17.25	34618	BB	.004	
10	17.65	592456	BB	.063	
11	18.99	26957	BB	.003	
12	19.68	2408045	BB	.693	4,4'-DDD
13	20.41	8371	BB	.001	
14	29.36	11385	BB	.001	
Total Area:		3255718			

Method File: /DATA/METHOD/INDAB07.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0906 17Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CSS-02DL

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-02DL

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 07/15/94

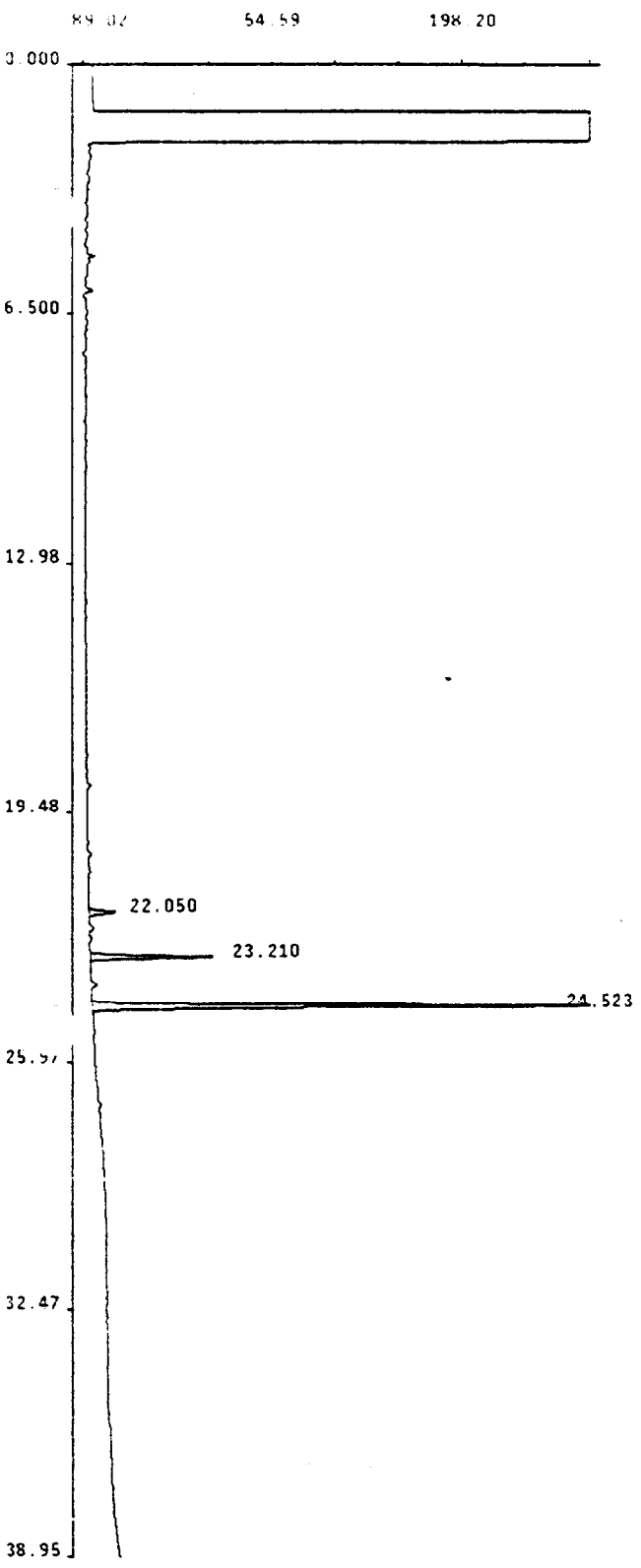
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 2000

GPC Cleanup: (Y/N) Y pH: 4.2 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4000	U
319-85-7	beta-BHC	4000	U
319-86-8	delta-BHC	4000	U
58-89-9	gamma-BHC (Lindane)	4000	U
76-44-8	Heptachlor	4000	U
309-00-2	Aldrin	4000	U
1024-57-3	Heptachlor epoxide	4000	U
959-98-8	Endosulfan I	4000	U
60-57-1	Dieldrin	7800	U
72-55-9	4,4'-DDE	7800	U
72-20-8	Endrin	7800	U
33213-65-9	Endosulfan II	7800	U
72-54-8	4,4'-DDD	58000	
1031-07-8	Endosulfan sulfate	7800	U
50-29-3	4,4'-DDT	7800	U
72-43-5	Methoxychlor	40000	U
53494-70-5	Endrin ketone	7800	U
7421-93-4	Endrin aldehyde	7800	U
5103-71-9	alpha-Chlordane	4000	U
5103-74-2	gamma-Chlordane	4000	U
8001-35-2	Toxaphene	400000	U
12674-11-2	Aroclor-1016	78000	U
11104-28-2	Aroclor-1221	160000	U
11141-16-5	Aroclor-1232	78000	U
53469-21-9	Aroclor-1242	78000	U
12672-29-6	Aroclor-1248	78000	U
11097-69-1	Aroclor-1254	78000	U
11096-82-5	Aroclor-1260	78000	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS-02DL
Lab Id : 940627-02DL
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/D6P16JUL010.RES
Inject Time : 1744 16Jul1994
Run Status : EndOffBaseline
NoReference
SignalOverload

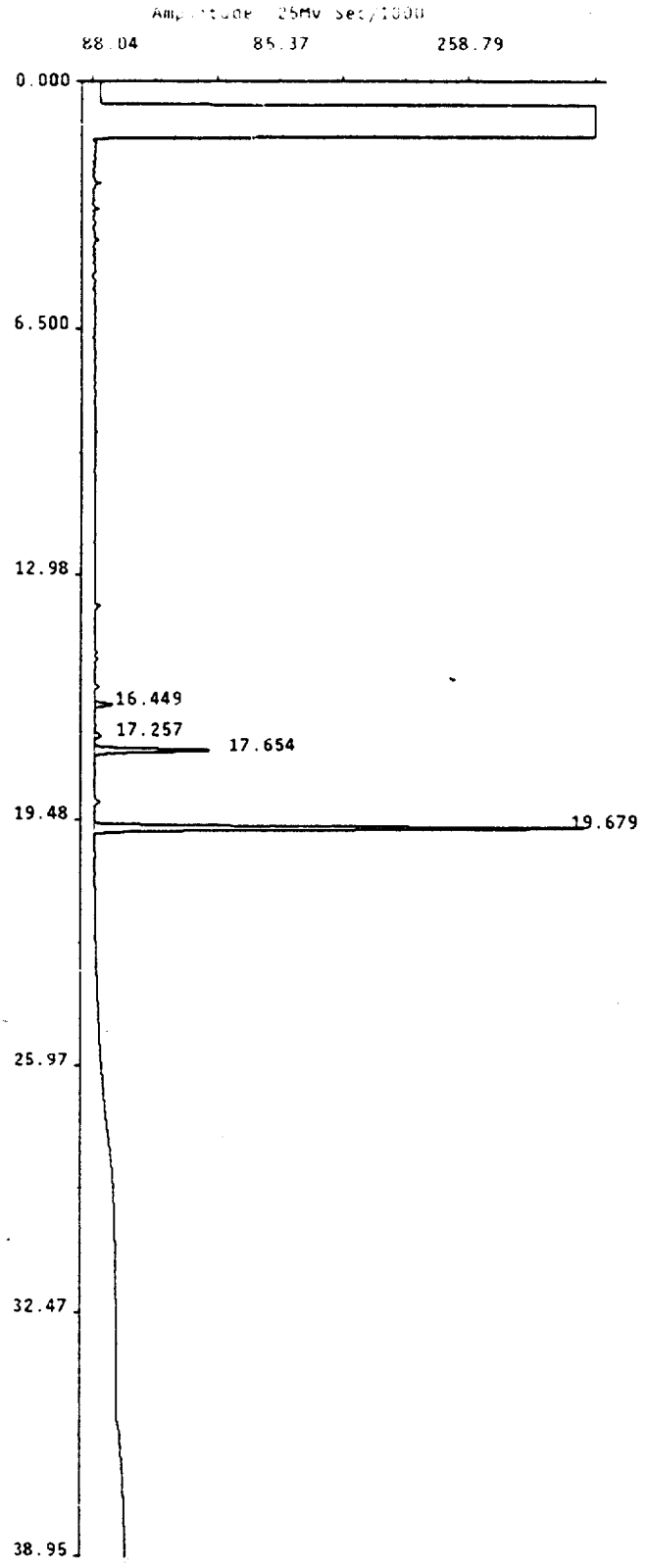
$2^2 = 2000$

Multilevel : False
Application : Loop
Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	22.05	8910	BB	.003	4,4'-DDE
2	23.21	40658	BB	.033	
3	24.52	153440	BB	.076	4,4'-DDD
Total Area:		203007			

X 07/17/94

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0911 17Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS-02DL
Lab Id : 940627-02DL
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/D7P16JUL010.RES
Inject Time : 1744 16Jul1994
Run Status : NoReference
SignalOverload

DF = 2000

Multilevel : False
Application : Loop
Quantitation: AreaUnits

Pk #	RT	Area	Code	MASSng	Name
1	16.45	9991	BB	.002	4,4'-DDE
2	17.26	4001	BB	.000	
3	17.65	64081	BB	.007	
4	19.68	257047	BB	.074	4,4'-DDD
Total Area:		335121			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0907 17Jul1994

PESTICIDES/PCBS

c. Standards Data

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Instrument ID: AD6 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	12.08	12.08	12.07	12.08	12.03	12.13
beta-BHC	14.21	14.22	14.22	14.22	14.17	14.27
delta-BHC	15.89	15.90	15.90	15.90	15.85	15.95
gamma-BHC (Lindane)	13.88	13.88	13.88	13.88	13.83	13.93
Heptachlor	15.36	15.36	15.36	15.36	15.31	15.41
Aldrin	16.87	16.87	16.87	16.87	16.82	16.92
Heptachlor epoxide	19.44	19.44	19.44	19.44	19.37	19.51
Endosulfan I	21.03	21.03	21.02	21.03	20.96	21.10
Dieldrin	22.41	22.41	22.40	22.41	22.34	22.48
4,4'-DDE	22.06	22.06	22.07	22.06	21.99	22.13
Endrin	24.05	24.05	24.04	24.05	23.98	24.12
Endosulfan II	24.85	24.85	24.86	24.85	24.78	24.92
4,4'-DDD	24.54	24.54	24.52	24.53	24.46	24.60
Endosulfan sulfate	26.84	26.84	26.86	26.85	26.78	26.92
4,4'-DDT	25.86	25.86	25.84	25.85	25.78	25.92
Methoxychlor	29.78	29.77	29.75	29.77	29.70	29.84
Endrin ketone	30.43	30.43	30.45	30.44	30.37	30.51
Endrin aldehyde	26.31	26.30	26.32	26.31	26.24	26.38
alpha Chlordane	20.90	20.90	20.91	20.90	20.83	20.97
gamma Chlordane	20.17	20.17	20.18	20.17	20.10	20.24
Tetrachloro-m-xylene	8.97	8.97	8.96	8.97	8.92	9.02
Decachlorobiphenyl	37.79	37.80	37.76	37.78	37.68	37.88

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Instrument ID: AD7 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	8.34	8.34	8.34	8.34	8.29	8.39
beta-BHC	12.97	12.97	12.97	12.97	12.92	13.02
delta-BHC	13.85	13.86	13.86	13.86	13.81	13.91
gamma-BHC (Lindane)	9.85	9.85	9.84	9.85	9.80	9.90
Heptachlor	10.60	10.60	10.60	10.60	10.55	10.65
Aldrin	11.65	11.65	11.65	11.65	11.60	11.70
Heptachlor epoxide	14.39	14.39	14.39	14.39	14.32	14.46
Endosulfan I	15.43	15.43	15.43	15.43	15.36	15.50
Dieldrin	16.94	16.94	16.94	16.94	16.87	17.01
4,4'-DDE	16.46	16.46	16.46	16.46	16.39	16.53
Endrin	17.73	17.73	17.72	17.73	17.66	17.80
Endosulfan II	19.76	19.76	19.76	19.76	19.69	19.83
4,4'-DDD	19.69	19.69	19.68	19.69	19.62	19.76
Endosulfan sulfate	22.71	22.71	22.72	22.71	22.64	22.78
4,4'-DDT	20.33	20.33	20.32	20.33	20.26	20.40
Methoxychlor	22.91	22.91	22.90	22.91	22.84	22.98
Endrin ketone	24.24	24.25	24.25	24.25	24.18	24.32
Endrin aldehyde	21.46	21.46	21.46	21.46	21.39	21.53
alpha Chlordane	15.96	15.96	15.96	15.96	15.89	16.03
gamma Chlordane	15.74	15.74	15.74	15.74	15.67	15.81
Tetrachloro-m-xylene	5.20	5.20	5.20	5.20	5.15	5.25
Decachlorobiphenyl	27.45	27.45	27.44	27.45	27.35	27.55

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Instrument ID: AD6 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	2050000	1980000	2070000	2030000	2.3
beta-BHC	1860000	1910000	1720000	1830000	5.4
delta-BHC	1760000	1750000	1650000	1720000	3.5
gamma-BHC (Lindane)	2190000	2120000	2230000	2180000	2.6
Heptachlor	3630000	3600000	3570000	3600000	0.8
Aldrin	2990000	3030000	3200000	3070000	3.6
Heptachlor epoxide	3230000	3200000	3020000	3150000	3.6
Endosulfan I	2650000	2560000	2560000	2590000	2.0
Dieldrin	2600000	2670000	3290000	2850000	13.3
4,4'-DDE	2650000	2750000	3280000	2890000	11.7
Endrin	2280000	2340000	2850000	2490000	12.6
Endosulfan II	2030000	1970000	1780000	1930000	6.8
4,4'-DDD	2050000	2030000	2190000	2090000	4.2
Endosulfan sulfate	2500000	2580000	2650000	2580000	2.9
4,4'-DDT	1980000	2170000	2630000	2260000	14.8
Methoxychlor	1380000	1470000	1410000	1420000	3.2
Endrin ketone	1770000	1790000	1600000	1720000	6.1
Endrin aldehyde	1500000	1510000	1370000	1460000	5.4
alpha Chlordane	3910000	3980000	3880000	3920000	1.3
gamma Chlordane	4000000	3960000	3850000	3940000	2.0
Tetrachloro-m-xylene	3520000	3540000	3790000	3620000	4.2
Decachlorobiphenyl	4610000	4370000	4100000	4360000	5.9

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Instrument ID: AD7 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	3680000	3610000	3940000	3740000	4.6
beta-BHC	3110000	3100000	2860000	3020000	4.7
delta-BHC	3000000	3070000	3070000	3050000	1.3
gamma-BHC (Lindane)	3930000	3940000	4250000	4040000	4.5
Heptachlor	5640000	5440000	5410000	5500000	2.3
Aldrin	4780000	5020000	5550000	5120000	7.7
Heptachlor epoxide	4740000	4760000	4520000	4670000	2.8
Endosulfan I	4160000	4110000	4080000	4120000	1.0
Dieldrin	4010000	4200000	5050000	4420000	12.5
4,4'-DDE	4390000	4790000	5610000	4930000	12.6
Endrin	3920000	4130000	4920000	4320000	12.2
Endosulfan II	3350000	3280000	3000000	3210000	5.8
4,4'-DDD	3520000	3480000	3650000	3550000	2.5
Endosulfan sulfate	3970000	4090000	4220000	4090000	3.1
4,4'-DDT	2730000	3180000	3870000	3260000	17.6
Methoxychlor	2040000	2100000	1870000	2000000	6.0
Endrin ketone	2720000	2850000	2510000	2690000	6.4
Endrin aldehyde	1670000	1670000	1560000	1630000	3.9
alpha Chlordane	5180000	5180000	5230000	5200000	0.6
gamma Chlordane	5330000	5310000	5250000	5300000	0.8
Tetrachloro-m-xylene	5840000	5930000	6360000	6040000	4.6
Decachlorobiphenyl	4640000	5510000	5470000	5210000	9.4

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Instrument ID: AD6 1 Date(s) Analyzed: 07/05/94 07/06/94

GC Column: DB608 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	18.19	18.12	18.26	12500
		*2	21.48	21.41	21.55	19600
		*3	24.20	24.13	24.27	29600
		4	24.50	24.43	24.57	52800
		5	28.54	28.47	28.61	49200
Aroclor 1016	0.100	*1	11.90	11.83	11.97	108000
		*2	13.80	13.73	13.87	269000
		*3	15.14	15.07	15.21	90000
		4	15.45	15.38	15.52	372000
		5	16.19	16.12	16.26	142000
Aroclor 1221	0.200	*1	7.85	7.78	7.92	51400
		*2	10.92	10.85	10.99	50100
		*3	11.60	11.53	11.67	38900
		4	11.90	11.83	11.97	124000
		5	13.73	13.66	13.80	36800
Aroclor 1232	0.100	*1	11.90	11.83	11.97	62700
		*2	13.79	13.72	13.86	59500
		*3	15.45	15.38	15.52	74200
		4	18.70	18.63	18.77	16000
		5	18.98	18.91	19.05	19200
Aroclor 1242	0.100	*1	13.80	13.73	13.87	228000
		*2	15.45	15.38	15.52	310000
		*3	16.19	16.12	16.26	118000
		4	18.37	18.30	18.44	127000
		5	19.81	19.74	19.88	119000
Aroclor 1248	0.100	*1	15.45	15.38	15.52	240000
		*2	18.93	18.86	19.00	51000
		*3	19.52	19.45	19.59	172000
		4	19.80	19.73	19.87	209000
		5	21.06	20.99	21.13	153000
Aroclor 1254	0.100	*1	20.18	20.11	20.25	178000
		*2	20.44	20.37	20.51	212000
		*3	22.77	22.70	22.84	219000
		4	23.27	23.20	23.34	155000
		5	25.83	25.76	25.90	172000
Aroclor 1260	0.100	*1	22.74	22.67	22.81	191000
		*2	23.54	23.47	23.61	382000
		*3	23.90	23.83	23.97	389000
		4	28.11	28.04	28.18	478000
		5	30.30	30.23	30.37	220000

* Denotes required peaks

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Instrument ID: AD7 1 Date(s) Analyzed: 07/05/94 07/06/94

GC Column: DB1701 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	13.58	13.51	13.65	18500
		*2	17.48	17.41	17.55	44300
		*3	19.50	19.43	19.57	111000
		4	21.03	20.96	21.10	56600
		5	22.38	22.31	22.45	86700
Aroclor 1016	0.100	*1	7.22	7.15	7.29	183000
		*2	8.60	8.53	8.67	377000
		*3	10.33	10.26	10.40	605000
		4	11.69	11.62	11.76	479000
		5	12.61	12.54	12.68	293000
Aroclor 1221	0.200	*1	4.17	4.10	4.24	114000
		*2	6.47	6.40	6.54	69000
		*3	7.22	7.15	7.29	220000
		4	9.14	9.07	9.21	34500
		5	10.33	10.26	10.40	33100
Aroclor 1232	0.100	*1	4.18	4.11	4.25	115000
		*2	7.22	7.15	7.29	109000
		*3	8.60	8.53	8.67	74400
		4	10.33	10.26	10.40	123000
		5	11.68	11.61	11.75	91300
Aroclor 1242	0.100	*1	8.60	8.53	8.67	321000
		*2	10.33	10.26	10.40	505000
		*3	11.68	11.61	11.75	400000
		4	12.61	12.54	12.68	248000
		5	14.20	14.13	14.27	377000
Aroclor 1248	0.100	*1	10.33	10.26	10.40	393000
		*2	11.68	11.61	11.75	558000
		*3	12.61	12.54	12.68	334000
		4	14.20	14.13	14.27	646000
		5	16.69	16.62	16.76	120000
Aroclor 1254	0.100	*1	14.17	14.10	14.24	426000
		*2	16.28	16.21	16.35	252000
		*3	16.69	16.62	16.76	348000
		4	17.70	17.63	17.77	261000
		5	19.60	19.53	19.67	362000
Aroclor 1260	0.100	*1	17.29	17.22	17.36	497000
		*2	18.23	18.16	18.30	572000
		*3	20.98	20.91	21.05	323000
		4	22.15	22.08	22.22	751000
		5	25.92	25.85	25.99	156000

* Denotes required peaks

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column (1): DB608 ID: 0.53(mm) Instrument ID (1): AD6 1

EPA Sample No. (Standard 1): RESC0A Lab Sample ID (1): RESC0A

Date Analyzed (1): 07/05/94 Time Analyzed (1): 1936

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.98	100.0
02	gamma-Chlordane	20.18	100.0
03	Endosulfan I	21.03	100.0
04	4,4'-DDE	22.07	100.0
05	Dieldrin	22.42	100.0
06	Endosulfan sulfate	26.85	100.0
07	Methoxychlor	29.78	100.0
08	Endrin ketone	30.44	100.0
09	Decachlorobiphenyl	37.80	

GC Column (2): DB1701 ID: 0.53(mm) Instrument ID (2): AD7 1

EPA Sample No. (Standard 2): RESC1A Lab Sample ID (2): RESC1A

Date Analyzed (2): 07/05/94 Time Analyzed (2): 1936

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.19	100.0
02	Endosulfan I	15.42	100.0
03	gamma-Chlordane	15.73	100.0
04	4,4'-DDE	16.45	100.0
05	Dieldrin	16.94	100.0
06	Endosulfan sulfate	22.71	79.5
07	Methoxychlor	22.91	100.0
08	Endrin ketone	24.24	100.0
09	Decachlorobiphenyl	27.45	

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%.

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK00 Date Analyzed : 07/05/94

Lab Sample ID (PIBLK): PIBLK00 Time Analyzed : 1930

EPA Sample No. (PEM): PEM0A Date Analyzed : 07/05/94

Lab Sample ID (PEM): PEM0A Time Analyzed : 2019

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.009	0.010	10.0
beta-BHC	14.21	14.17	14.27	0.008	0.010	20.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.009	0.010	10.0
Endrin	24.04	23.98	24.12	0.046	0.050	8.0
4,4'-DDT	25.85	25.78	25.92	0.101	0.100	1.0
Methoxychlor	29.76	29.70	29.84	0.225	0.250	10.0

4,4'-DDT % breakdown (1): 4.2 Endrin % breakdown (1): 5.4

Combined % breakdown (1): 9.6

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0A Date Analyzed : 07/06/94

Lab Sample ID (PIBLK): PIBLK0A Time Analyzed : 0920

EPA Sample No. (PEM): PEM0B Date Analyzed : 07/06/94

Lab Sample ID (PEM): PEM0B Time Analyzed : 1003

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.08	12.03	12.13	0.010	0.010	0.0
beta-BHC	14.21	14.17	14.27	0.009	0.010	10.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.010	0.010	0.0
Endrin	24.05	23.98	24.12	0.049	0.050	2.0
4,4'-DDT	25.86	25.78	25.92	0.108	0.100	8.0
Methoxychlor	29.77	29.70	29.84	0.250	0.250	0.0

4,4'-DDT % breakdown (1): 4.5 Endrin % breakdown (1): 7.0

Combined % breakdown (1): 11.5

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0B Date Analyzed : 07/16/94

Lab Sample ID (PIBLK): PIBLK0B Time Analyzed : 1057

EPA Sample No. (PEM): PEM0C Date Analyzed : 07/16/94

Lab Sample ID (PEM): PEM0C Time Analyzed : 1141

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.08	12.03	12.13	0.010	0.010	0.0
beta-BHC	14.22	14.17	14.27	0.008	0.010	20.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.009	0.010	10.0
Endrin	24.05	23.98	24.12	0.044	0.050	12.0
4,4'-DDT	25.86	25.78	25.92	0.103	0.100	3.0
Methoxychlor	29.77	29.70	29.84	0.234	0.250	6.4

4,4'-DDT % breakdown (1): 2.9 Endrin % breakdown (1): 5.4

Combined % breakdown (1): 8.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK10 Date Analyzed : 07/05/94

Lab Sample ID (PIBLK): PIBLK10 Time Analyzed : 1930

EPA Sample No. (PEM): PEM1A Date Analyzed : 07/05/94

Lab Sample ID (PEM): PEM1A Time Analyzed : 2019

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.009	0.010	10.0
beta-BHC	12.97	12.92	13.02	0.008	0.010	20.0
gamma-BHC (Lindane)	9.84	9.80	9.90	0.009	0.010	10.0
Endrin	17.72	17.66	17.80	0.047	0.050	6.0
4,4'-DDT	20.32	20.26	20.40	0.103	0.100	3.0
Methoxychlor	22.90	22.84	22.98	0.226	0.250	9.6

4,4'-DDT % breakdown (1): 4.7 Endrin % breakdown (1): 2.3

Combined % breakdown (1): 6.9

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1A Date Analyzed : 07/06/94

Lab Sample ID (PIBLK): PIBLK1A Time Analyzed : 0920

EPA Sample No. (PEM): PEM1B Date Analyzed : 07/06/94

Lab Sample ID (PEM): PEM1B Time Analyzed : 1003

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.010	0.010	0.0
beta-BHC	12.97	12.92	13.02	0.009	0.010	10.0
gamma-BHC (Lindane)	9.85	9.80	9.90	0.010	0.010	0.0
Endrin	17.72	17.66	17.80	0.049	0.050	2.0
4,4'-DDT	20.33	20.26	20.40	0.110	0.100	10.0
Methoxychlor	22.90	22.84	22.98	0.249	0.250	0.4

4,4'-DDT % breakdown (1): 4.9 Endrin % breakdown (1): 3.4

Combined % breakdown (1): 8.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1B Date Analyzed : 07/16/94

Lab Sample ID (PIBLK): PIBLK1B Time Analyzed : 1057

EPA Sample No. (PEM): PEM1C Date Analyzed : 07/16/94

Lab Sample ID (PEM): PEM1C Time Analyzed : 1141

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.009	0.010	10.0
beta-BHC	12.97	12.92	13.02	0.008	0.010	20.0
gamma-BHC (Lindane)	9.85	9.80	9.90	0.009	0.010	10.0
Endrin	17.72	17.66	17.80	0.046	0.050	8.0
4,4'-DDT	20.33	20.26	20.40	0.106	0.100	6.0
Methoxychlor	22.90	22.84	22.98	0.235	0.250	6.0

4,4'-DDT % breakdown (1): 3.5 Endrin % breakdown (1): 0.0

Combined % breakdown (1): 3.5

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0C Date Analyzed : 07/16/94

Lab Sample ID (PIBLK): PIBLK0C Time Analyzed : 1911

EPA Sample No. (INDA): INDAM0B Date Analyzed : 07/16/94

Lab Sample ID (INDA): INDAM0B Time Analyzed : 1954

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.0219	0.0200	9.5
gamma-BHC (Lindane)	13.87	13.83	13.93	0.0224	0.0200	12.0
Heptachlor	15.36	15.31	15.41	0.0211	0.0200	5.5
Endosulfan I	21.02	20.96	21.10	0.0215	0.0200	7.5
Dieldrin	22.40	22.34	22.48	0.0424	0.0400	6.0
Endrin	24.04	23.98	24.12	0.0434	0.0400	8.5
4,4'-DDD	24.53	24.46	24.60	0.0434	0.0400	8.5
4,4'-DDT	25.85	25.78	25.92	0.0462	0.0400	15.5
Methoxychlor	29.76	29.70	29.84	0.235	0.200	17.5
Tetrachloro-m-xylene	8.96	8.92	9.02	0.0206	0.0200	3.0
Decachlorobiphenyl	37.77	37.68	37.88	0.0430	0.0400	7.5

EPA Sample No. (INDB): INDBM0B Date Analyzed : 07/16/94

Lab Sample ID (INDB): INDBM0B Time Analyzed : 2038

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.21	14.17	14.27	0.0229	0.0200	14.5
delta-BHC	15.89	15.85	15.95	0.0236	0.0200	18.0
Aldrin	16.86	16.82	16.92	0.0215	0.0200	7.5
Heptachlor epoxide	19.43	19.37	19.51	0.0219	0.0200	9.5
4,4'-DDE	22.05	21.99	22.13	0.0452	0.0400	13.0
Endosulfan II	24.84	24.78	24.92	0.0465	0.0400	16.2
Endosulfan sulfate	26.83	26.78	26.92	0.0462	0.0400	15.5
Endrin ketone	30.42	30.37	30.51	0.0493	0.0400	23.2
Endrin aldehyde	26.29	26.24	26.38	0.0423	0.0400	5.8
alpha-Chlordane	20.89	20.83	20.97	0.0219	0.0200	9.5
gamma-Chlordane	20.16	20.10	20.24	0.0218	0.0200	9.0
Tetrachloro-m-xylene	8.96	8.92	9.02	0.0230	0.0200	15.0
Decachlorobiphenyl	37.77	37.68	37.88	0.0466	0.0400	16.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1C Date Analyzed : 07/16/94

Lab Sample ID (PIBLK): PIBLK1C Time Analyzed : 1911

EPA Sample No. (INDA): INDAM1B Date Analyzed : 07/16/94

Lab Sample ID (INDA): INDAM1B Time Analyzed : 1954

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.33	8.29	8.39	0.0215	0.0200	7.5
gamma-BHC (Lindane)	9.84	9.80	9.90	0.0216	0.0200	8.0
Heptachlor	10.59	10.55	10.65	0.0209	0.0200	4.5
Endosulfan I	15.42	15.36	15.50	0.0210	0.0200	5.0
Dieldrin	16.93	16.87	17.01	0.0419	0.0400	4.8
Endrin	17.72	17.66	17.80	0.0426	0.0400	6.5
4,4'-DDD	19.68	19.62	19.76	0.0424	0.0400	6.0
4,4'-DDT	20.32	20.26	20.40	0.0455	0.0400	13.8
Methoxychlor	22.90	22.84	22.98	0.231	0.200	15.5
Tetrachloro-m-xylene	5.20	5.15	5.25	0.0202	0.0200	1.0
Decachlorobiphenyl	27.44	27.35	27.55	0.0419	0.0400	4.8

EPA Sample No. (INDB): INDBM1B Date Analyzed : 07/16/94

Lab Sample ID (INDB): INDBM1B Time Analyzed : 2038

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	12.96	12.92	13.02	0.0222	0.0200	11.0
delta-BHC	13.84	13.81	13.91	0.0234	0.0200	17.0
Aldrin	11.64	11.60	11.70	0.0214	0.0200	7.0
Heptachlor epoxide	14.38	14.32	14.46	0.0218	0.0200	9.0
4,4'-DDE	16.45	16.39	16.53	0.0441	0.0400	10.2
Endosulfan II	19.74	19.69	19.83	0.0456	0.0400	14.0
Endosulfan sulfate	22.70	22.64	22.78	0.0454	0.0400	13.5
Endrin ketone	24.23	24.18	24.32	0.0476	0.0400	19.0
Endrin aldehyde	21.44	21.39	21.53	0.0418	0.0400	4.5
alpha-Chlordane	15.95	15.89	16.03	0.0221	0.0200	10.5
gamma-Chlordane	15.73	15.67	15.81	0.0218	0.0200	9.0
Tetrachloro-m-xylene	5.20	5.15	5.25	0.0228	0.0200	14.0
Decachlorobiphenyl	27.44	27.35	27.55	0.0451	0.0400	12.8

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD6 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.97 DCB: 37.78

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK00	PIBLK00	07/05/94	1930	8.98		37.80	
02	RESC0A	RESC0A	07/05/94	1936	8.98		37.80	
03	PEM0A	PEM0A	07/05/94	2019	8.96		37.78	
04	AR16600A	AR16600A	07/05/94	2103	8.97		37.78	
05	AR12210A	AR12210A	07/05/94	2146	8.96		37.78	
06	AR12320A	AR12320A	07/05/94	2230	8.96		37.78	
07	AR12420A	AR12420A	07/05/94	2313	8.96		37.78	
08	AR12480A	AR12480A	07/05/94	2356	8.96		37.79	
09	AR12540A	AR12540A	07/06/94	0040	8.97		37.79	
10	TOXAPH0A	TOXAPH0A	07/06/94	0123	8.97		37.80	
11	INDAL0A	INDAL0A	07/06/94	0206	8.97		37.79	
12	INDBL0A	INDBL0A	07/06/94	0250	8.97		37.80	
13	INDAM0A	INDAM0A	07/06/94	0500	8.97		37.80	
14	INDBM0A	INDBM0A	07/06/94	0543	8.97		37.80	
15	INDAH0A	INDAH0A	07/06/94	0753	8.96		37.76	
16	INDBH0A	INDBH0A	07/06/94	0837	8.97		37.84	
17	PIBLK0A	PIBLK0A	07/06/94	0920	8.98		37.80	
18	PEM0B	PEM0B	07/06/94	1003	8.97		37.78	
19	PIBLK0B	PIBLK0B	07/16/94	1057	8.98		37.81	
20	PEM0C	PEM0C	07/16/94	1141	8.97		37.79	
21	PBLK01	P0715-B1	07/16/94	1228	8.97		37.79	
22	CLJ2-CSS-01	940627-01	07/16/94	1355	8.96		37.79	
23	CLJ2-CSS-02	940627-02	07/16/94	1701		*		*
24	CSS-02DL	940627-02DL	07/16/94	1744		*		*
25	PIBLK0C	PIBLK0C	07/16/94	1911	8.96		37.78	
26	INDAM0B	INDAM0B	07/16/94	1954	8.96		37.77	
27	INDBM0B	INDBM0B	07/16/94	2038	8.96		37.77	
28	ZZZZZ	CC0714-CK1	07/17/94	1145				

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: _____

b Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD7 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.20 DCB: 27.45

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK10	PIBLK10	07/05/94	1930	5.21		27.45	
02	RESC1A	RESC1A	07/05/94	1936	5.19		27.45	
03	PEM1A	PEM1A	07/05/94	2019	5.20		27.44	
04	AR16601A	AR16601A	07/05/94	2103	5.20		27.44	
05	AR12211A	AR12211A	07/05/94	2146	5.20		27.44	
06	AR12321A	AR12321A	07/05/94	2230	5.20		27.44	
07	AR12421A	AR12421A	07/05/94	2313	5.20		27.44	
08	AR12481A	AR12481A	07/05/94	2356	5.20		27.45	
09	AR12541A	AR12541A	07/06/94	0040	5.20		27.45	
10	TOXAPH1A	TOXAPH1A	07/06/94	0123	5.20		27.45	
11	INDAL1A	INDAL1A	07/06/94	0206	5.20		27.45	
12	INDBL1A	INDBL1A	07/06/94	0250	5.20		27.45	
13	INDAM1A	INDAM1A	07/06/94	0500	5.20		27.45	
14	INDBM1A	INDBM1A	07/06/94	0543	5.20		27.45	
15	INDAH1A	INDAH1A	07/06/94	0753	5.20		27.44	
16	INDBH1A	INDBH1A	07/06/94	0837	5.20		27.46	
17	PIBLK1A	PIBLK1A	07/06/94	0920	5.21		27.45	
18	PEM1B	PEM1B	07/06/94	1003	5.20		27.45	
19	PIBLK1B	PIBLK1B	07/16/94	1057	5.19		27.45	
20	PEM1C	PEM1C	07/16/94	1141	5.20		27.45	
21	PBLK01	P0715-B1	07/16/94	1228	5.19		27.44	
22	CLJ2-CSS-01	940627-01	07/16/94	1355	5.21		27.45	
23	CLJ2-CSS-02	940627-02	07/16/94	1701		*		*
24	CSS-02DL	940627-02DL	07/16/94	1744		*		*
25	PIBLK1C	PIBLK1C	07/16/94	1911	5.20		27.44	
26	INDAM1B	INDAM1B	07/16/94	1954	5.20		27.44	
27	INDBM1B	INDBM1B	07/16/94	2038	5.20		27.44	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

9A

PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Florisil Cartridge Lot Number: L10793 Date of Analysis: 01/17/94

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): _____ ID: ____(mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
alpha-BHC	0.010	0.00924	92		80-110
gamma-BHC (Lindane)	0.010	0.00907	91		80-110
Heptachlor	0.010	0.00935	94		80-110
Endosulfan I	0.010	0.00994	99		80-100
Dieldrin	0.020	0.0181	90		80-100
Endrin	0.020	0.0187	94		80-100
4,4'-DDD	0.020	0.0180	90		80-100
4,4'-DDT	0.020	0.0190	95		80-100
Methoxychlor	0.100	0.0978	98		80-100
Tetrachloro-m-xylene	0.010	0.00853	85		80-120
Decachlorobiphenyl	0.020	0.0186	93		80-120

\# Column to be used to flag recovery with an asterisk.
* Values outside of QC limits

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK01	P0715-B1	07/16/94	07/16/94
02	CLJ2-CSS-01	940627-01	07/16/94	07/16/94
03	CLJ2-CSS-02	940627-02	07/16/94	07/16/94
04	CSS-02DL	940627-02DL	07/16/94	07/16/94

9B

PESTICIDE GPC CALIBRATION

Lab Name: CEIMIC CORP Contract: _____

b Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

GPC Column: CC0714-CK1 Calibration Date: 07/17/94

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
gamma-BHC (Lindane)	0.050	0.0428	86		80-110
Heptachlor	0.050	0.0409	82		80-110
Aldrin	0.050	0.0401	80		80-110
Dieldrin	0.100	0.0992	99		80-110
Endrin	0.100	0.0981	98		80-110
4,4'-DDT	0.100	0.104	104		80-110

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits

THIS GPC CALIBRATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK01	P0715-B1	07/16/94	07/16/94
02	CLJ2-CSS-01	940627-01	07/16/94	07/16/94
03	CLJ2-CSS-02	940627-02	07/16/94	07/16/94
04	CSS-02DL	940627-02DL	07/16/94	07/16/94

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS-01

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Lab Sample ID : 940627-01 Dates(s) Analyzed: 07/16/94 07/16/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	31.6	
	2	16.45	16.39	16.53	30.2	4.6
4,4'-DDD	1	24.54	24.46	24.60	103	
	2	19.69	19.62	19.76	63.5	62.2
4,4'-DDT	1	25.86	25.78	25.92	176	
	2	20.33	20.26	20.40	168	4.8

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ2-CSS-02

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Lab Sample ID : 940627-02 Dates(s) Analyzed: 07/16/94 07/16/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	2300	
	2	16.44	16.39	16.53	1500	53.3
4,4'-DDD	1	24.53	24.46	24.60	62600	
	2	19.68	19.62	19.76	54400	15.1

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CSS-02DL

Lab Name: CEIMIC CORP Contract:

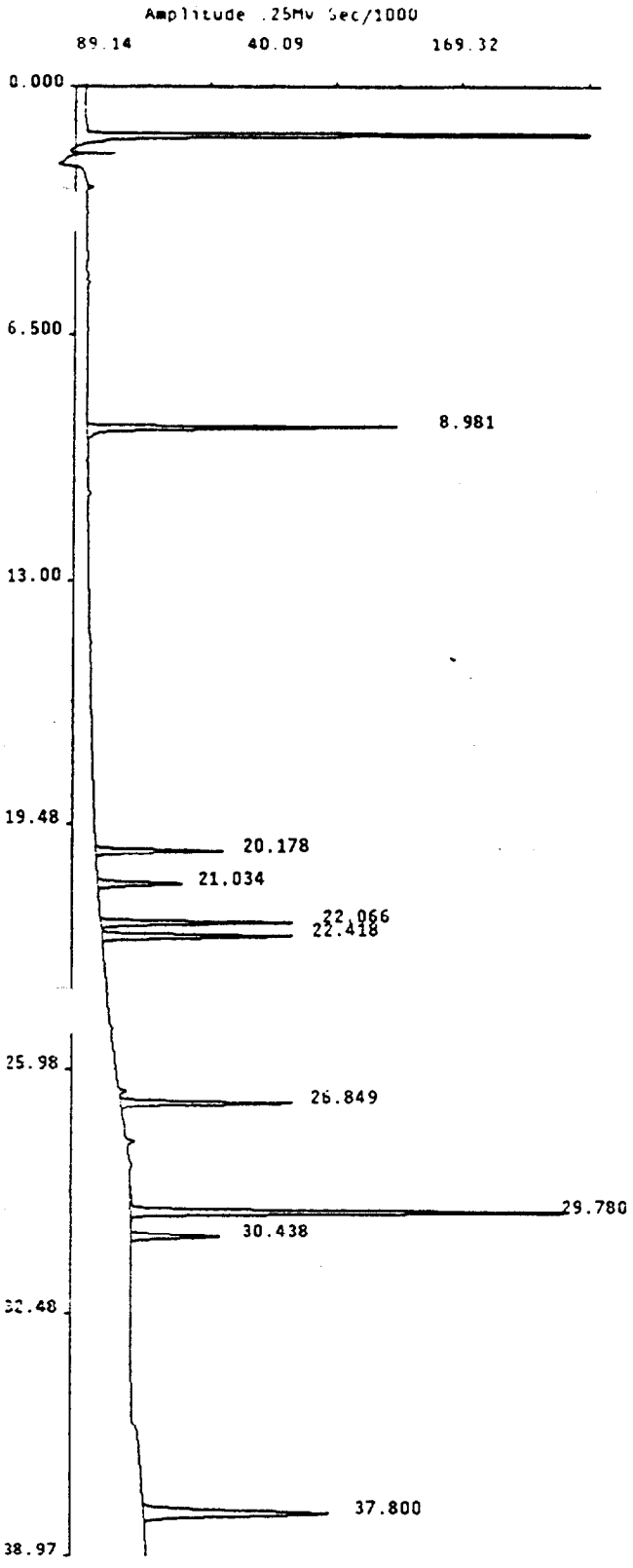
Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CSS01

Lab Sample ID : 940627-02DL Dates(s) Analyzed: 07/16/94 07/16/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	24.52	24.46	24.60	59400	
	2	19.68	19.62	19.76	58000	2.4



Gelmic Corporation Pest/PCB Report

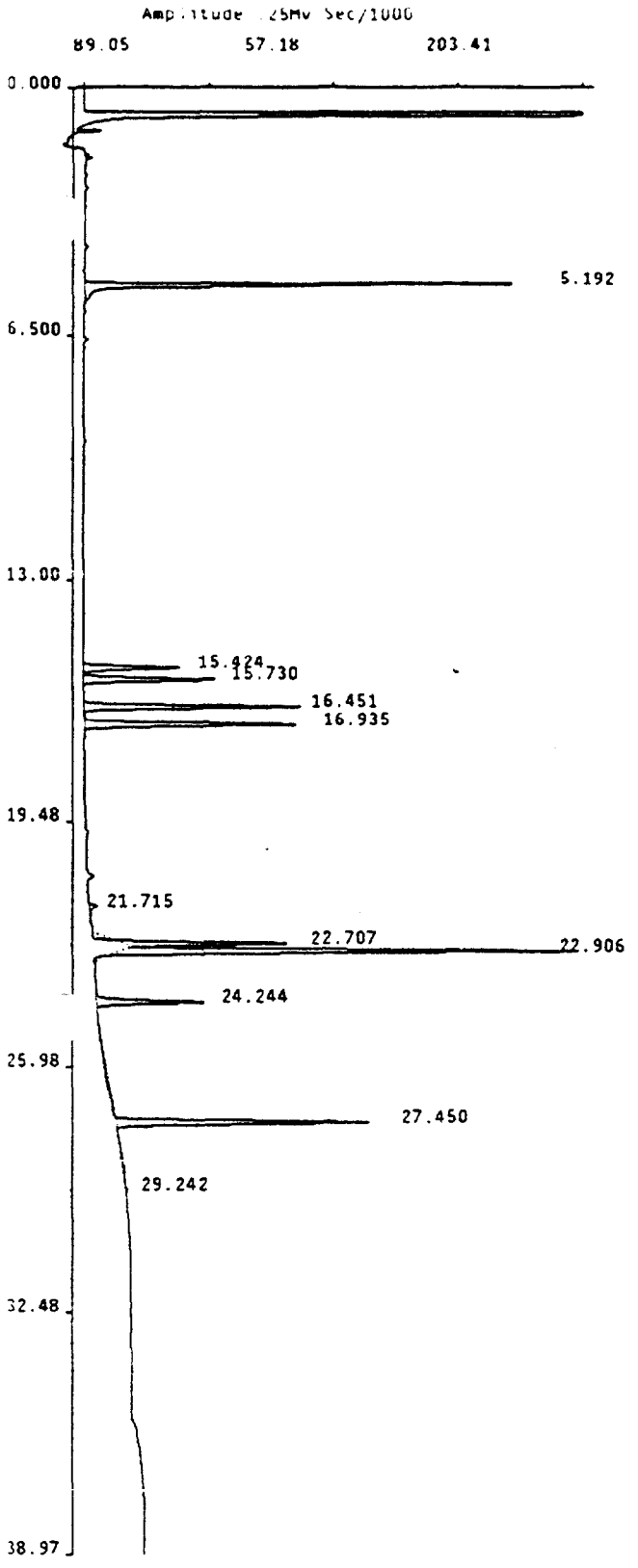
Sample Name : RESCOA
Lab Id : RESCOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL001.RES
Inject Time : 1936 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.98	69258	BB	.020	TCX
2	20.18	33055	BB	.008	G. CHLORDANE
3	21.03	22508	BB	.009	ENDOSULF. I
4	22.07	46690	BB	.017	4,4'-DDE
5	22.42	49971	BB	.019	DIELDRIN
6	26.85	44559	BB	.017	ENDO. SULFAT
7	29.78	123720	BB	.084	METHOXYCHLOR
8	30.44	26642	BB	.015	ENDRIN KETON
9	37.80	80129	BB	.018	DCB

Total Area: 496532

Method File: /DATA/METHOD/INDAB06.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1011 06Jul1994



Ceimic Corporation Pest/PCB Report

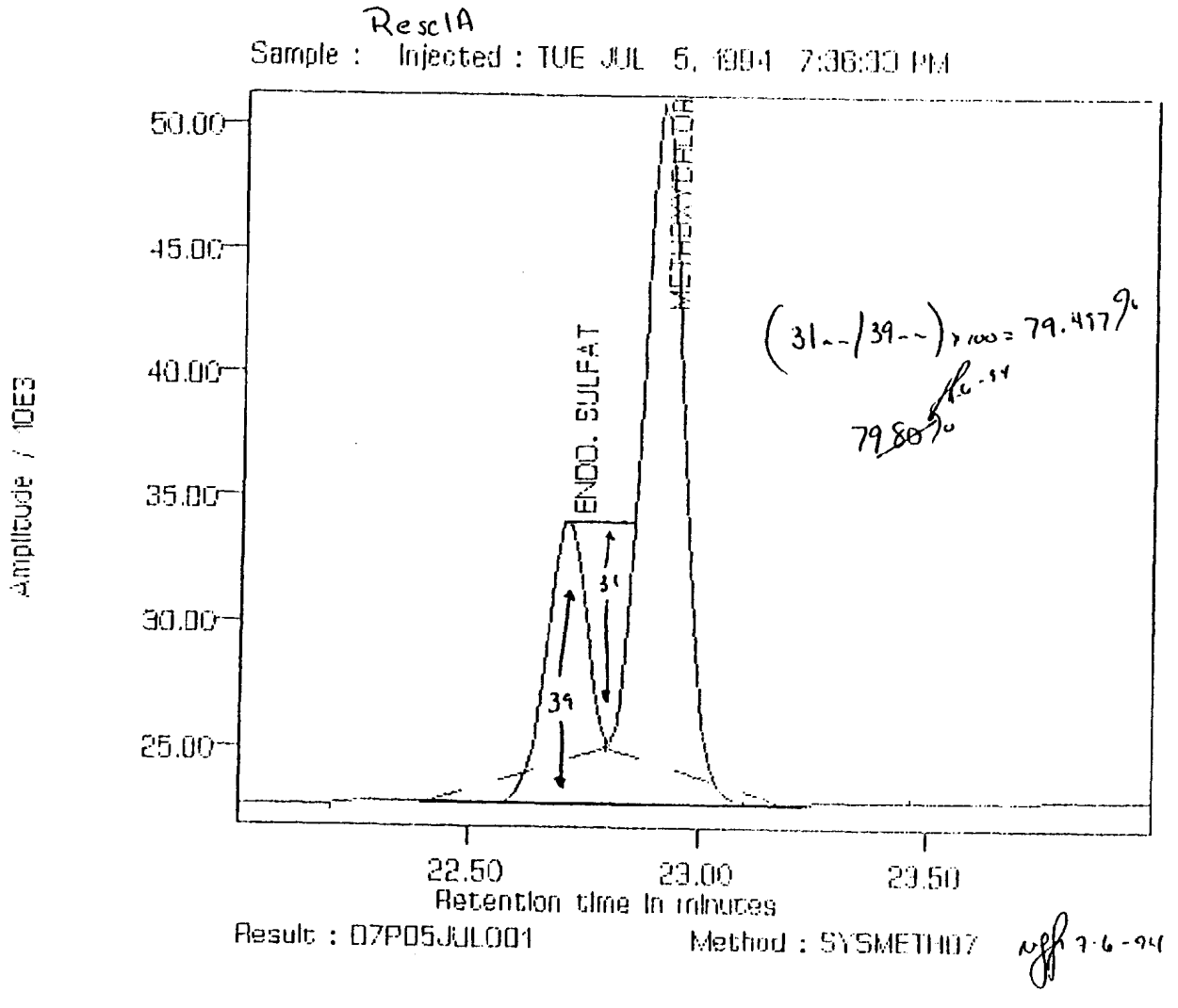
Sample Name : RESC1A
Lab Id : RESC1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL001.RES
Inject Time : 1936 05Jul1994
Run Status : RunStatusOK

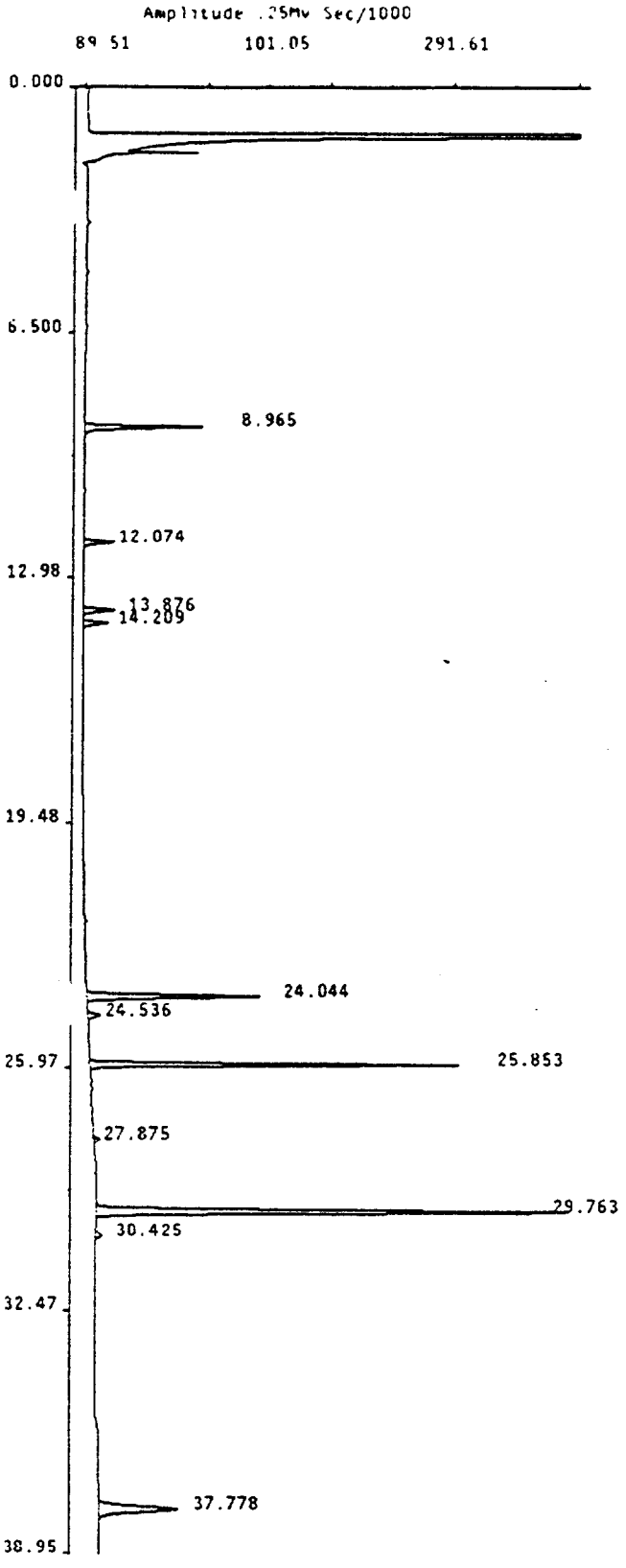
7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.19	117023	BB	.020	TCX
2	15.42	35448	BB	.009	ENDOSULF. I
3	15.73	48695	BB	.009	G. CHLORDANE
4	16.45	80694	BB	.017	4,4'-DDE
5	16.94	78502	BB	.019	DIELDRIN
6	21.72	3323	BB	.000	
7	22.71	45628	BB	.011	ENDO. SULFAT
8	22.91	155122	BB	.074	METHOXYCHLOR
9	24.24	41613	BB	.015	ENDRIN KETON
10	27.45	85452	BB	.016	DCB
11	29.24	5340	BB	.001	
		696841			

Total Area: 696841

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1129 06Jul1994


Resc1A
Sample : Injected : TUE JUL 5, 1994 7:36:33 PM
50.00
45.00
40.00
35.00
30.00
25.00
Amplitude / 10E3
ENDO. SULFAT
METHOXYCHLOR
39
31
(31--/39--) x 100 = 79.497%
79.80%
22.50
23.00
23.50
Retention time in minutes
Result : 07P05JUL001
Method : SYSMETH07
7-6-94



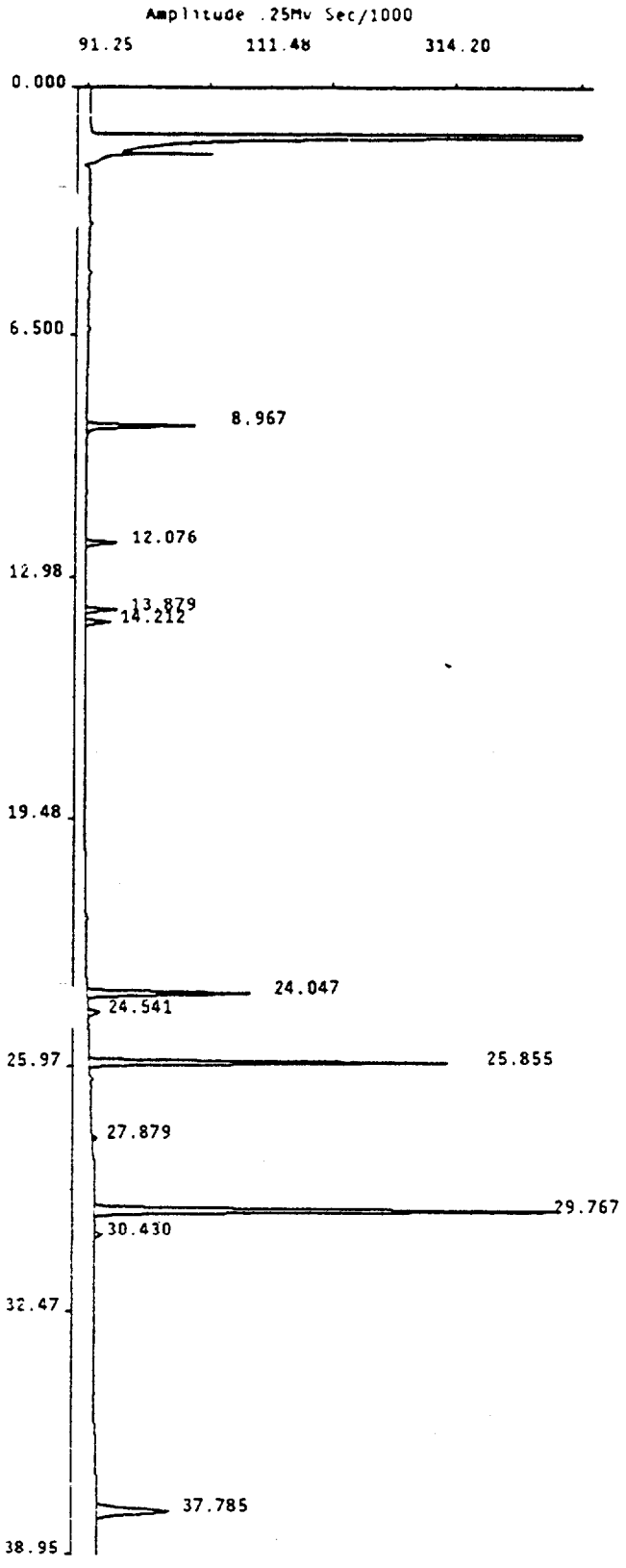
Ceimic Corporation Pest/PCB Report

Sample Name : PEM0A
Lab Id : PEM0A .I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL002.RES
Inject Time : 2019 05Jul1994
Run Status : RunStatusOK
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	67110	BB	.019	TCX
2	12.07	18578	BB	.009	ALPHA-BHC
3	13.88	19214	BB	.009	GAMMA-BHC
4	14.21	14974	BB	.008	BETA-BHC
5	24.04	108745	BB	.046	ENDRIN
6	24.54	8613	BB	.004	4,4'-DDD
7	25.85	218874	BB	.101	4,4'-DDT
8	27.87	3437	BB	.003	
9	29.76	331267	BB	.226	METHOXYCHLOR
10	30.42	4842	BB	.003	ENDRIN KETON
11	37.78	87098	BB	.020	DCB
Total Area:		882752			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1010 06Jul1994



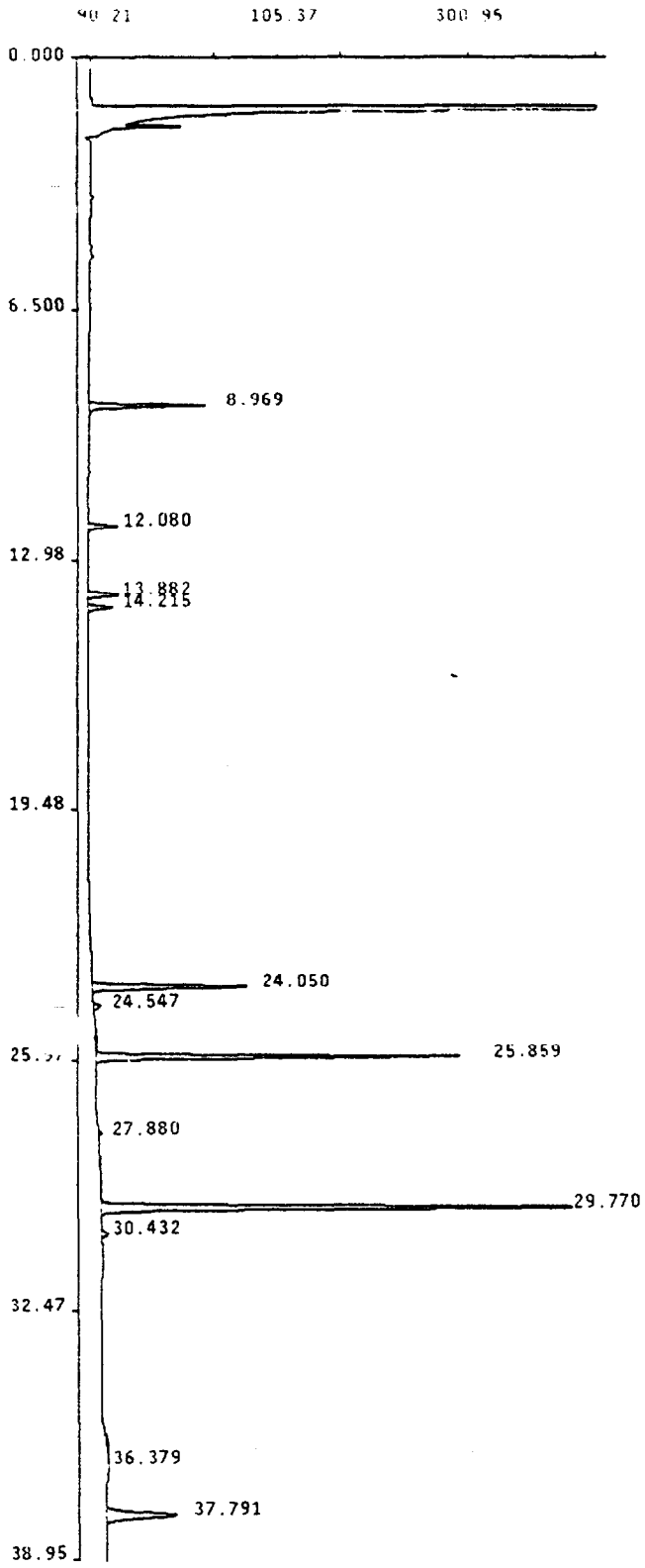
Ceimic Corporation Pest/PCB Report

Sample Name : PEM08
Lab Id : PEM08 .I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL021.RES
Inject Time : 1003 06Jul1994
Run Status : RunStatusOK
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	68051	BB	.019	TCX
2	12.08	20652	BB	.010	ALPHA-BHC
3	13.88	21449	BB	.010	GAMMA-BHC
4	14.21	16579	BB	.009	BETA-BHC
5	24.05	115560	BB	.049	ENDRIN
6	24.54	9166	BB	.005	4,4'-DDD
7	25.86	233841	BB	.108	4,4'-DDT
8	27.88	2841	BB	.002	
9	29.77	367481	BB	.251	METHOXYCHLOR
10	30.43	6236	BB	.003	ENDRIN KETON
11	37.79	90853	BB	.021	DCB
Total Area:		952709			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1052 06Jul1994



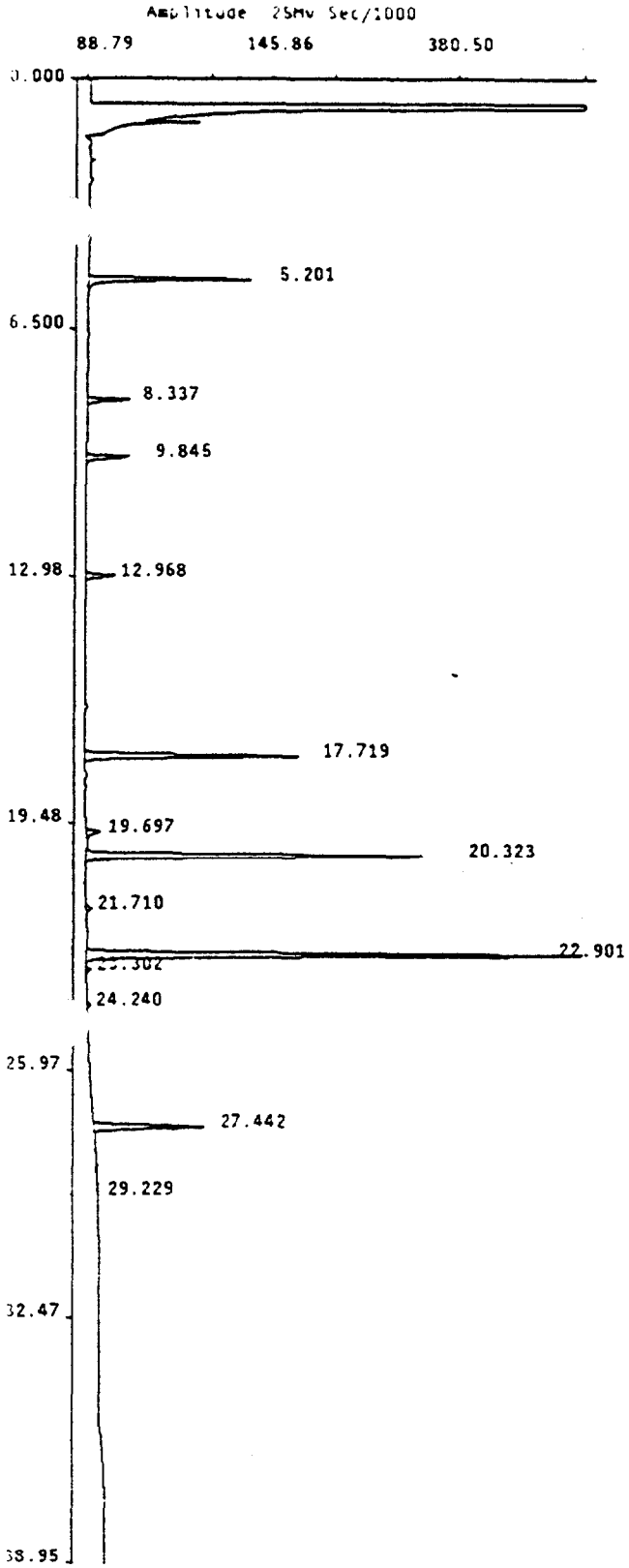
Ceimic Corporation Pest/PCB Report

Sample Name : PEMOC
Lab Id : PEMOC
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL002.RES
Inject Time : 1141 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.97	64716	BB	.018	TCX
2	12.08	18813	BB	.009	ALPHA-BHC
3	13.88	19395	BB	.009	GAMMA-BHC
4	14.21	14817	BB	.008	BETA-BHC
5	24.05	102094	BB	.044	ENDRIN
6	24.55	5803	BB	.003	4,4'-DDD
7	25.86	222961	BB	.103	4,4'-DDT
8	27.88	2487	BB	.002	
9	29.77	344736	BB	.235	METHOXYCHLOR
10	30.43	4747	BB	.003	ENDRIN KETON
11	36.38	7262	BB	.006	
12	37.79	80094	BB	.018	DCB
Total Area:		887924			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1222 16Jul1994

X₂
7/16/94



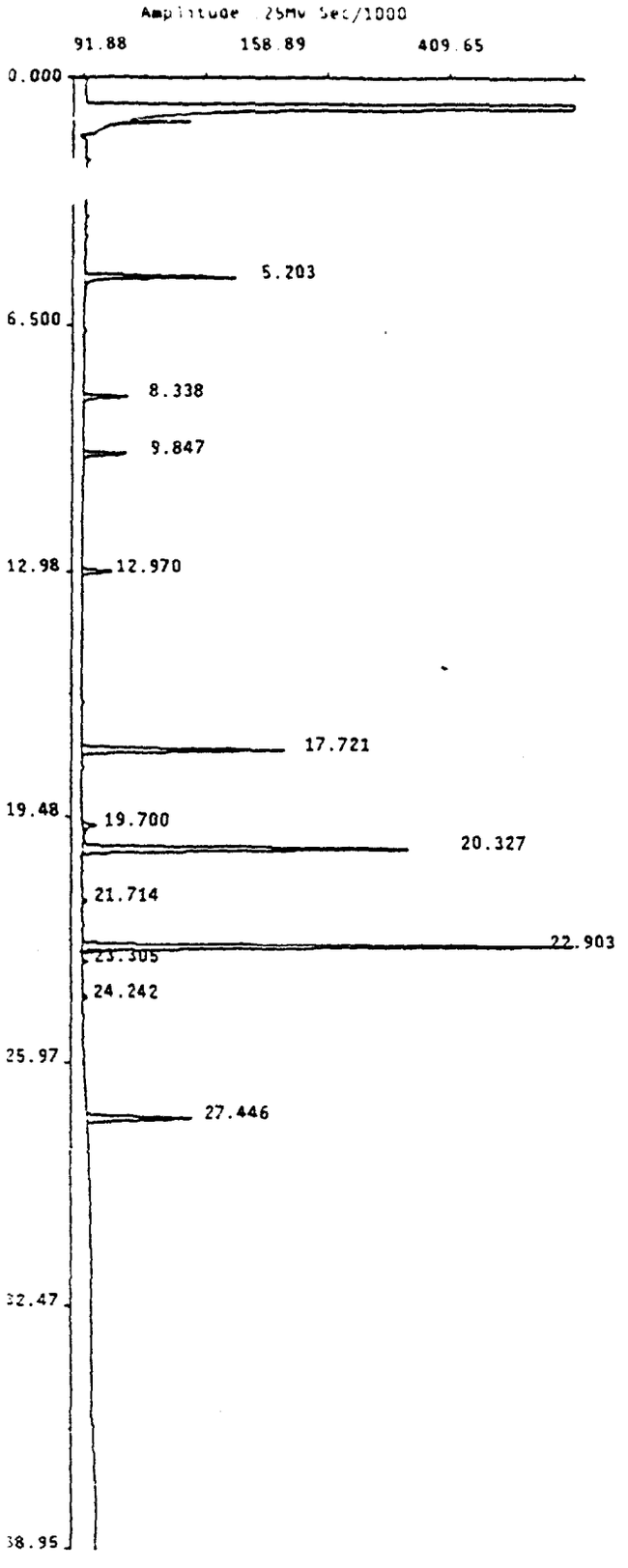
Ceimic Corporation Pest/PCB Report

Sample Name : PEM1A
Lab Id : PEM1A .I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL002.RES
Inject Time : 2019 05Jul1994
Run Status : EndOffBaseline
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	113709	BB	.019	TCX
2	8.34	32965	BB	.009	ALPHA-BHC
3	9.84	34501	BB	.009	GAMMA-BHC
4	12.97	24773	BB	.008	BETA-BHC
5	17.72	193387	BB	.047	ENDRIN
6	19.70	16225	BB	.005	4,4'-DDD
7	20.32	328502	BB	.103	4,4'-DDT
8	21.71	6229	BB	.001	
9	22.90	475726	BB	.226	METHOXYCHLOR
10	23.30	4353	BB	.000	
11	24.24	3032	BB	.001	ENDRIN KETON
12	27.44	108690	BB	.020	DCB
13	29.23	5921	BB	.001	
Total Area:		1348013			

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1129 06Jul1994



Ceimic Corporation Pest/PCB Report

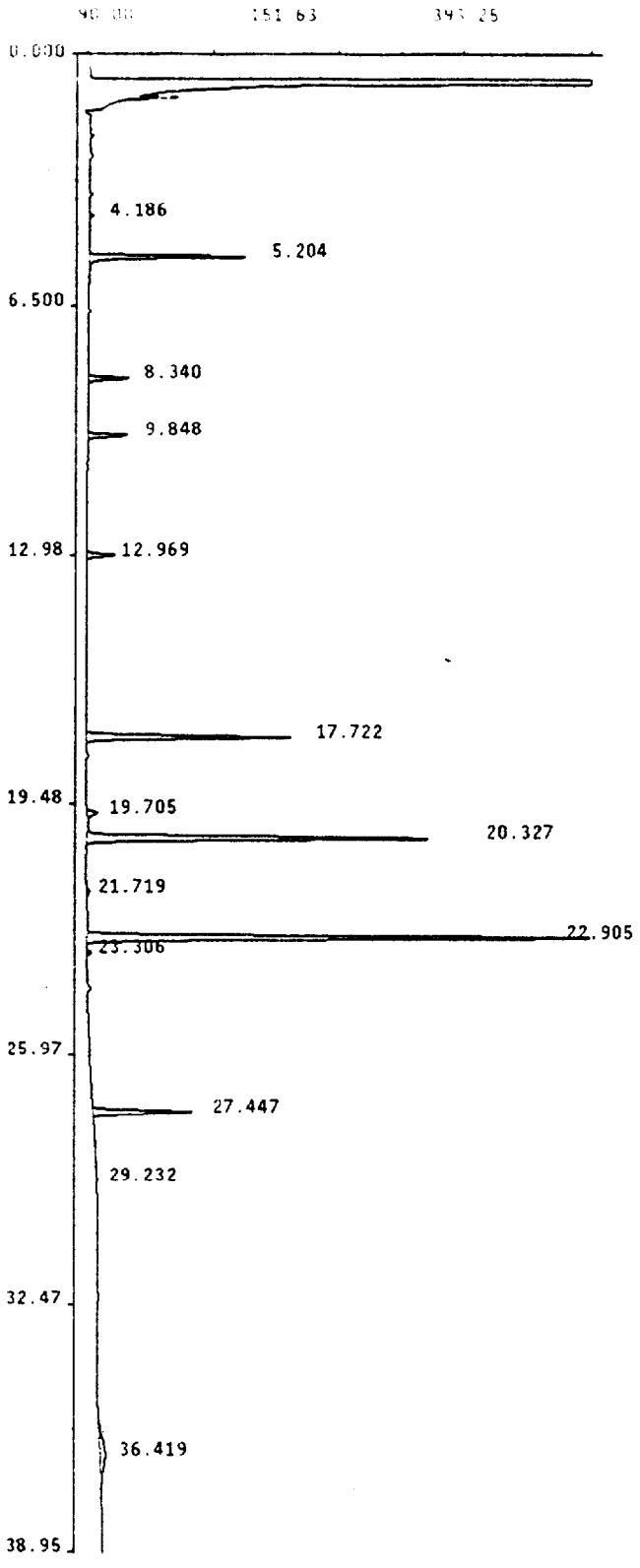
Sample Name : PEM1B
Lab Id : PEM1B .I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL021.RES
Inject Time : 1003 06Jul1994
Run Status : SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	116592	BB	.020	TCX
2	8.34	37568	BB	.010	ALPHA-BHC
3	9.85	39359	BB	.010	GAMMA-BHC
4	12.97	28043	BB	.009	BETA-BHC
5	17.72	203336	BB	.049	ENDRIN
6	19.70	16989	BB	.005	4,4'-DDD
7	20.33	349153	BB	.110	4,4'-DDT
8	21.71	5115	BB	.001	
9	22.90	522327	BB	.248	METHOXYCHLOR
10	23.31	4838	BB	.001	
11	24.24	4740	BB	.002	ENDRIN KETON
12	27.45	115768	BB	.021	DCB

Total Area: 1443828

Method File: /DATA/METHOD/INDAB07.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1146 06Jul1994



Ceimic Corporation Pest/PCB Report

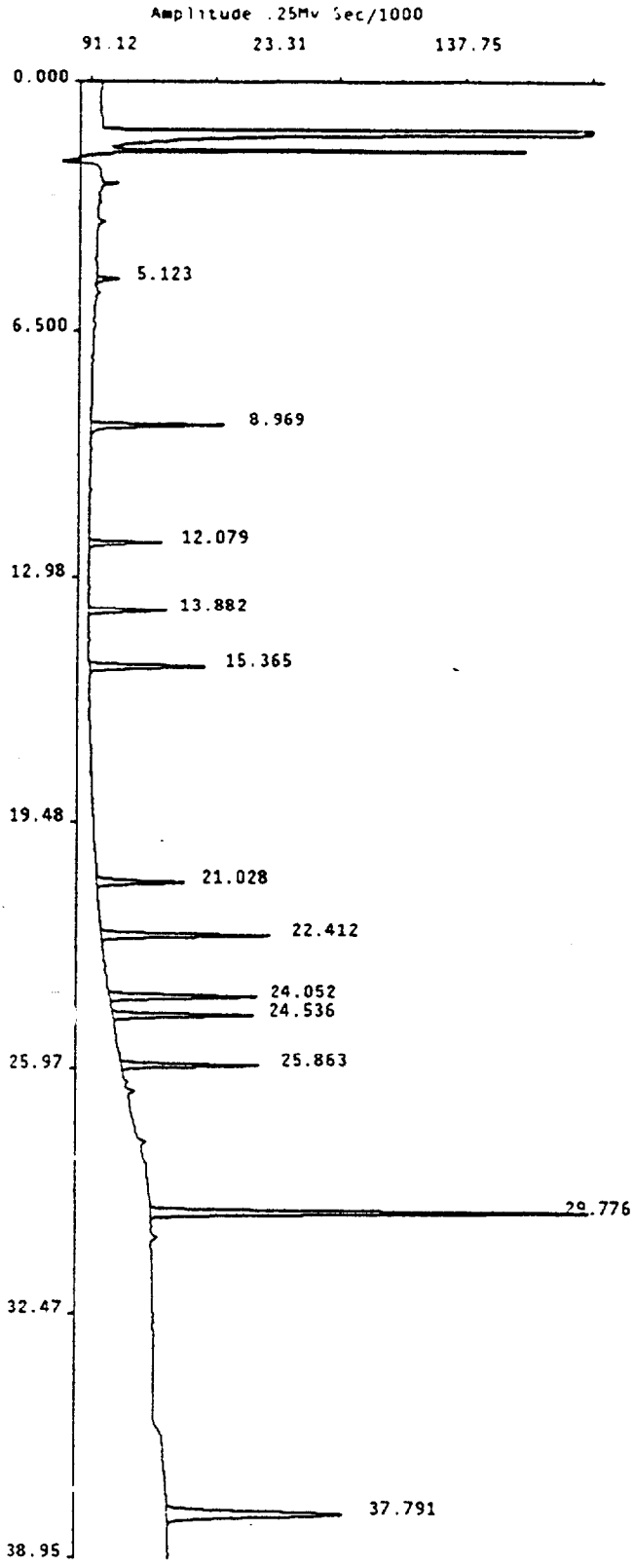
Sample Name : PEM1C
Lab Id : PEM1C
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL002.RES
Inject Time : 1141 16Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2798	BB	.000	
2	5.20	108240	BB	.018	TCX
3	8.34	32803	BB	.009	ALPHA-BHC
4	9.85	34528	BB	.009	GAMMA-BHC
5	12.97	24431	BB	.008	BETA-BHC
6	17.72	189537	BB	.046	ENDRIN
7	19.71	12341	BB	.004	4,4'-DDD
8	20.33	335834	BB	.106	4,4'-DDT
9	21.72	5132	BB	.001	
10	22.90	492774	BB	.234	METHOXYCHLOR
11	23.31	4364	BB	.000	
12	27.45	100648	BB	.018	DCB
13	29.23	4935	BB	.001	
14	36.42	45675	BB	.005	
		1394040			

Total Area: 1394040

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1223 16Jul1994

Xb
7/16/94



Ceimic Corporation Pest/PCB Report

Sample Name : INDALOA
Lab Id : INDALOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL010.RES
Inject Time : 0206 06Jul1994
Run Status : RunStatusOK

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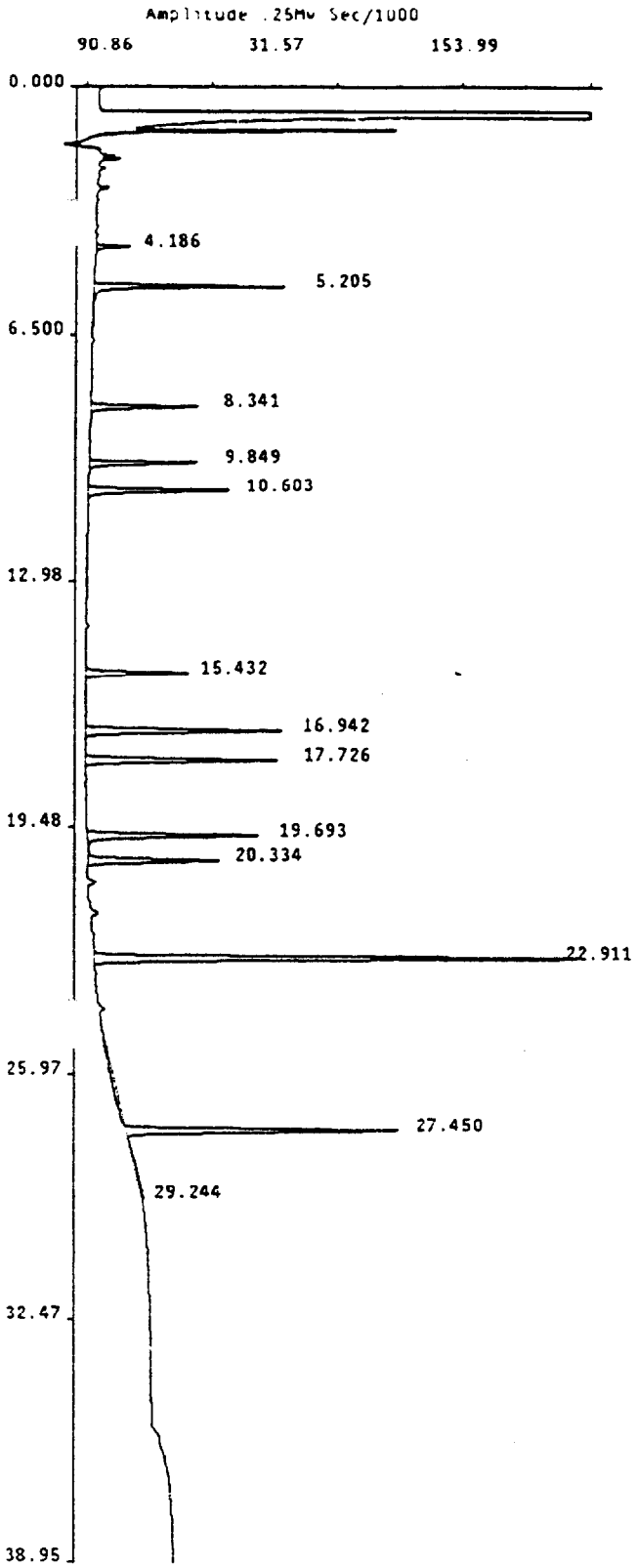
Pk #	RT	Area	Code	MASSng	Name
1	5.12	2905	BB	.002	
2	8.97	17585	BB	.005	TCX
3	12.08	10267	BB	.005	ALPHA-BHC
4	13.88	10966	BB	.005	GAMMA-BHC
5	15.37	18154	BB	.005	HEPTACHLOR
6	21.03	13251	BB	.005	ENDOSULF. I
7	22.41	26020	BB	.010	DIELDRIN
8	24.05	22815	BB	.010	ENDRIN
9	24.54	20478	BB	.010	4,4'-DDD
10	25.86	19803	BB	.009	4,4'-DDT
11	29.78	69216	BB	.047	METHOXYCHLOR
12	37.79	46082	BB	.011	DCB

Total Area:		277541			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1021 06Jul1994

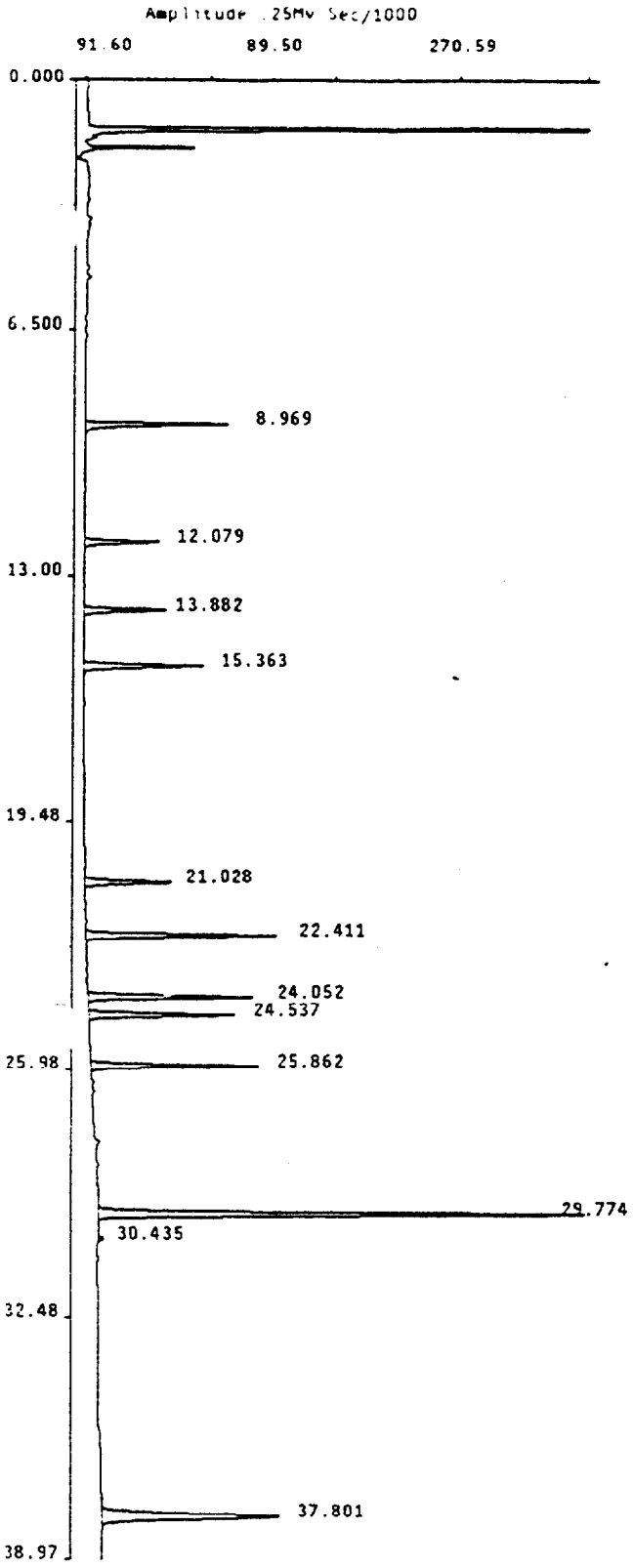


Ceimic Corporation Pest/PCB Report

Sample Name : INDAL1A
Lab Id : INDAL1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL010.RES
Inject Time : 0206 06Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4605	BB	.000	
2	5.20	29214	BB	.005	TCX
3	8.34	18418	BB	.005	ALPHA-BHC
4	9.85	19643	BB	.005	GAMMA-BHC
5	10.60	28183	BB	.005	HEPTACHLOR
6	15.43	20825	BB	.005	ENDOSULF. I
7	16.94	40074	BB	.010	DIELDRIN
8	17.73	39217	BB	.009	ENDRIN
9	19.69	35178	BB	.010	4,4'-DDD
10	20.33	27340	BB	.009	4,4'-DDT
11	22.91	102021	BB	.048	METHOXYCHLOR
12	27.45	46423	BB	.008	DCB
13	29.24	4773	BB	.001	
Total Area:		415915			

Method File: /DATA/METHOD/INDAB07.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1137 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAMOA
Lab Id : INDAMOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL014.RES
Inject Time : 0500 06Jul1994
Run Status : RunStatusOK

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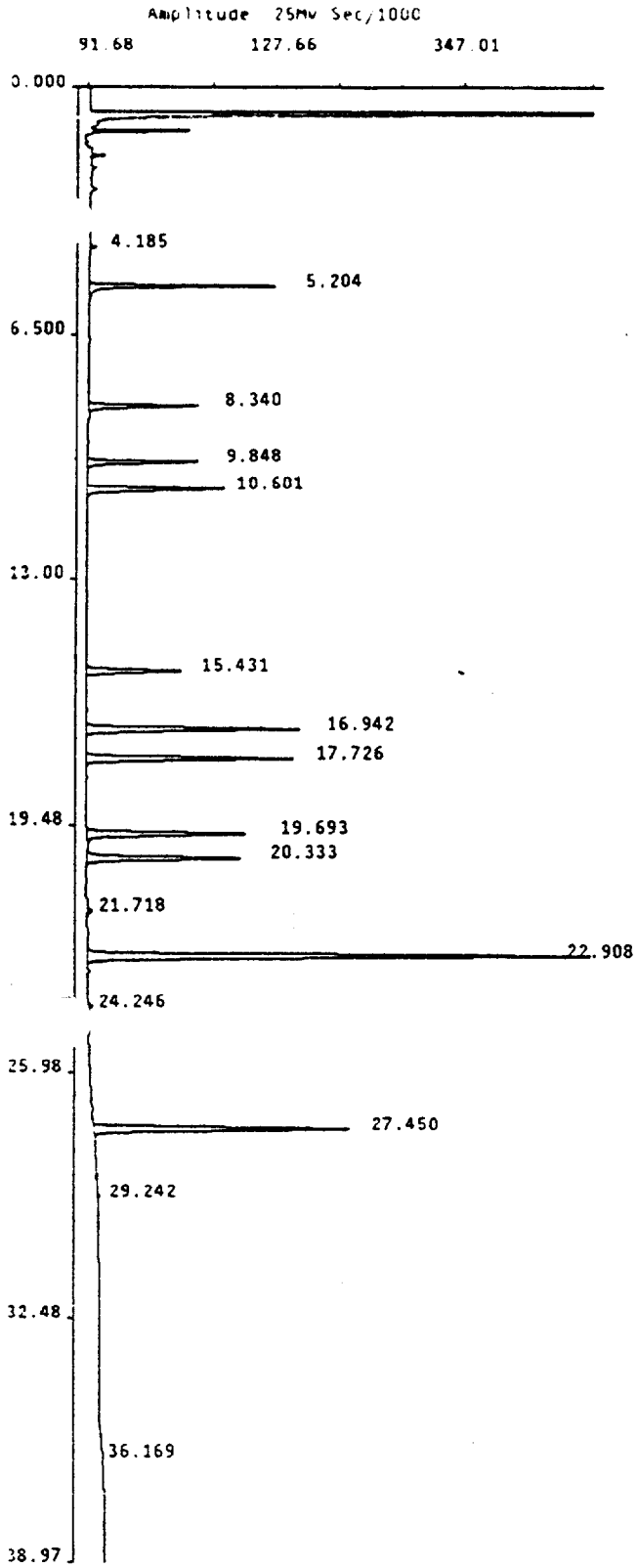
Pk #	RT	Area	Code	MASSng	Name
1	8.97	70872	BB	.020	TCX
2	12.08	39642	BB	.020	ALPHA-BHC
3	13.88	42477	BB	.020	GAMMA-BHC
4	15.36	71927	BB	.020	HEPTACHLOR
5	21.03	51234	BB	.020	ENDOSULF. I
6	22.41	106887	BB	.040	DIELDRIN
7	24.05	93590	BB	.040	ENDRIN
8	24.54	81031	BB	.040	4,4'-DDD
9	25.86	86976	BB	.040	4,4'-DDT
10	29.77	293277	BB	.200	METHOXYCHLOR
11	30.44	3738	BB	.002	ENDRIN KETON
12	37.80	174944	BB	.040	DCB

Total Area: 1116595

Method File: /DATA/METHOD/INDA06.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1023 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAM1A
Lab Id : INDAM1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL014.RES
Inject Time : 0500 06Jul1994
Run Status : RunStatusOK

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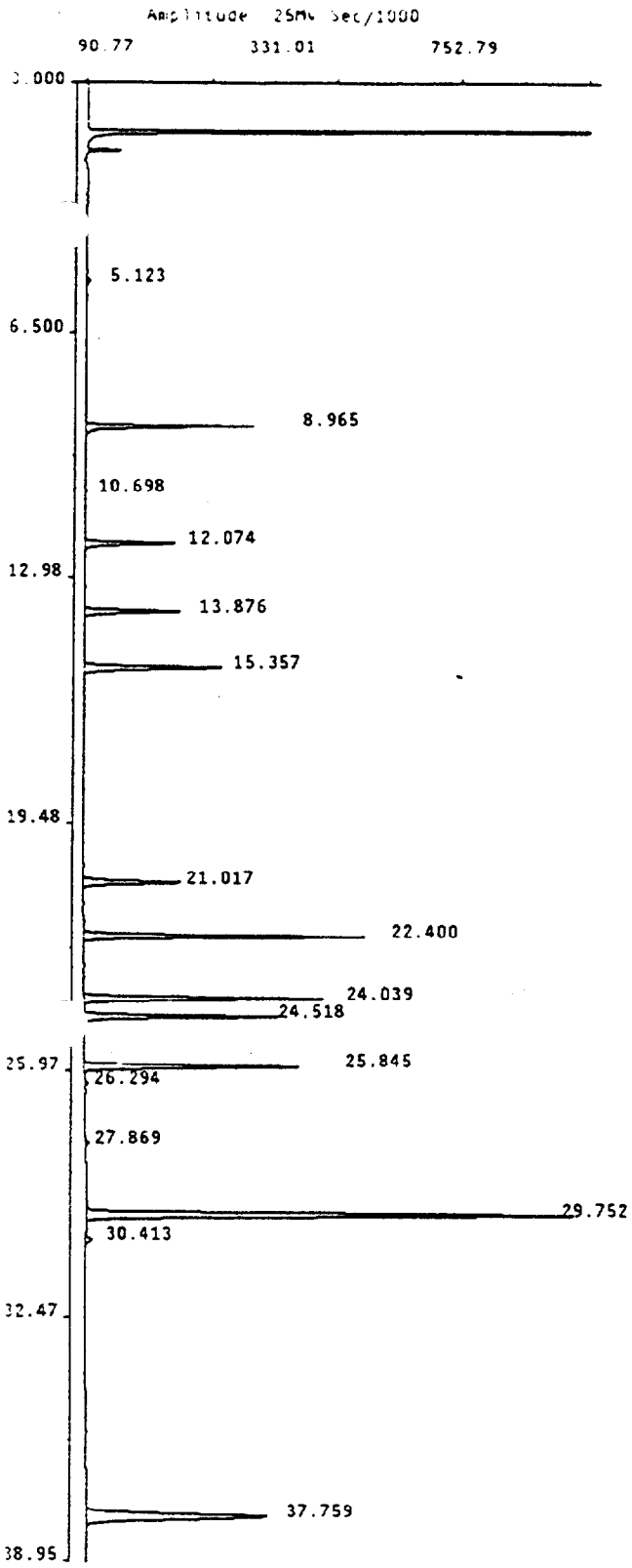
Pk #	RT	Area	Code	MASSng	Name
1	4.19	3308	BB	.000	
2	5.20	118542	BB	.020	TCX
3	8.34	72165	BB	.020	ALPHA-BHC
4	9.85	78859	BB	.020	GAMMA-BHC
5	10.60	108772	BB	.020	HEPTACHLOR
6	15.43	82253	BB	.020	ENDOSULF. I
7	16.94	167852	BB	.040	DIELDRIN
8	17.73	165231	BB	.040	ENDRIN
9	19.69	139061	BB	.040	4,4'-DDD
10	20.33	127026	BB	.040	4,4'-DDT
11	21.72	4729	BB	.000	
12	22.91	420746	BB	.200	METHOXYCHLOR
13	24.25	4698	BB	.002	ENDRIN KETON
14	27.45	220350	BB	.040	DCB
15	29.24	3379	BB	.000	
16	36.17	3032	BB	.000	

Total Area: 1720004

Method File: /DATA/METHOD/INDAB07.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1140 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAH0A
Lab Id : INDAH0A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL01B.RES
Inject Time : 0753 06Jul1994
Run Status : RunStatusOK

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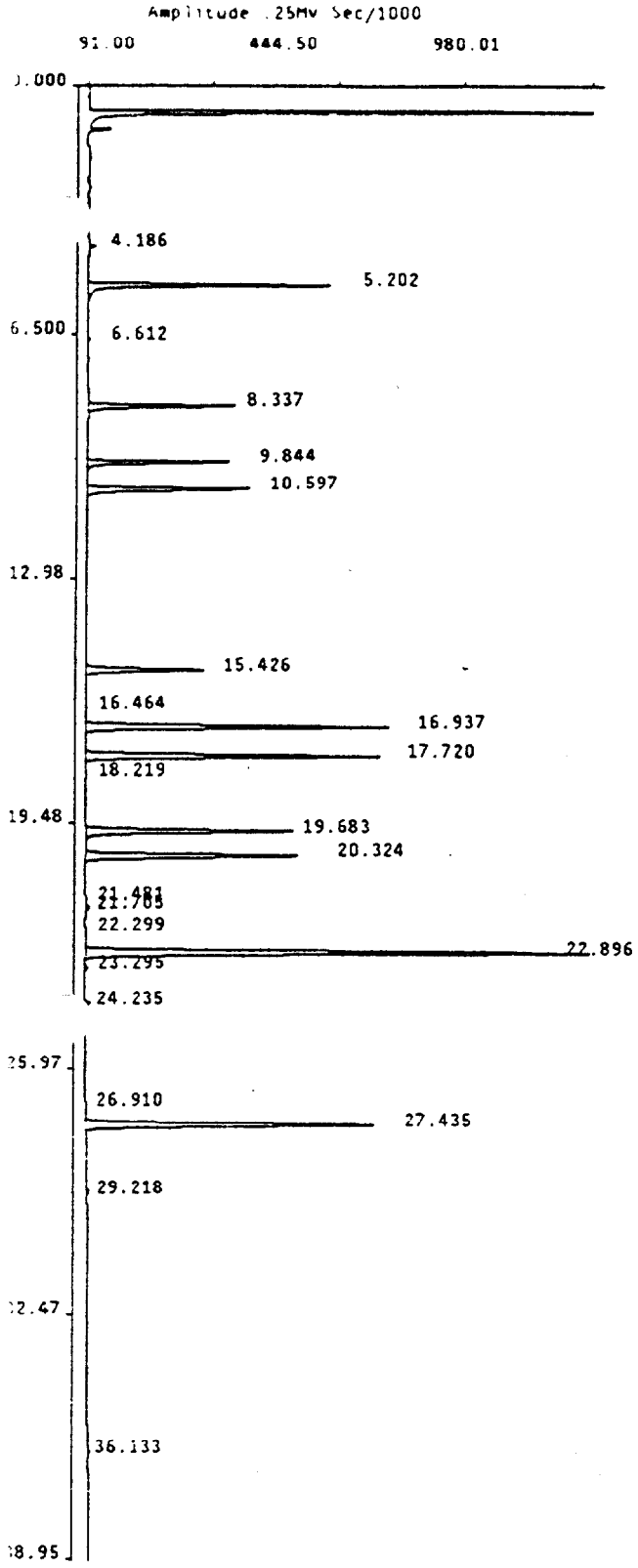
Pk #	RT	Area	Code	MASSng	Name
1	5.12	7663	BB	.006	
2	8.96	302892	BB	.085	TCX
3	10.70	3377	BB	.003	
4	12.07	165304	BB	.083	ALPHA-BHC
5	13.88	178028	BB	.084	GAMMA-BHC
6	15.36	285553	BB	.079	HEPTACHLOR
7	21.02	204915	BB	.080	ENDOSULF. I
8	22.40	526244	BB	.197	DIELDRIN
9	24.04	455643	BB	.195	ENDRIN
10	24.52	350321	BB	.173	4,4'-DDD
11	25.85	420338	BB	.193	4,4'-DDT
12	26.29	6360	BB	.004	ENDRIN ALDEH
13	27.87	7146	BB	.006	
14	29.75	1125130	BB	.767	METHOXYCHLOR
15	30.41	15491	BB	.009	ENDRIN KETON
16	37.76	655728	BB	.150	DCB

Total Area: 4710132

Method File: /DATA/METHOD/INDA806.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1026 06Jul1994



Cejmic Corporation Pest/PCB Report

Sample Name : INDAH1A
Lab Id : INDAH1A ,I
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL018.RES
Inject Time : 0753 06Jul1994
Run Status : RunStatusOK

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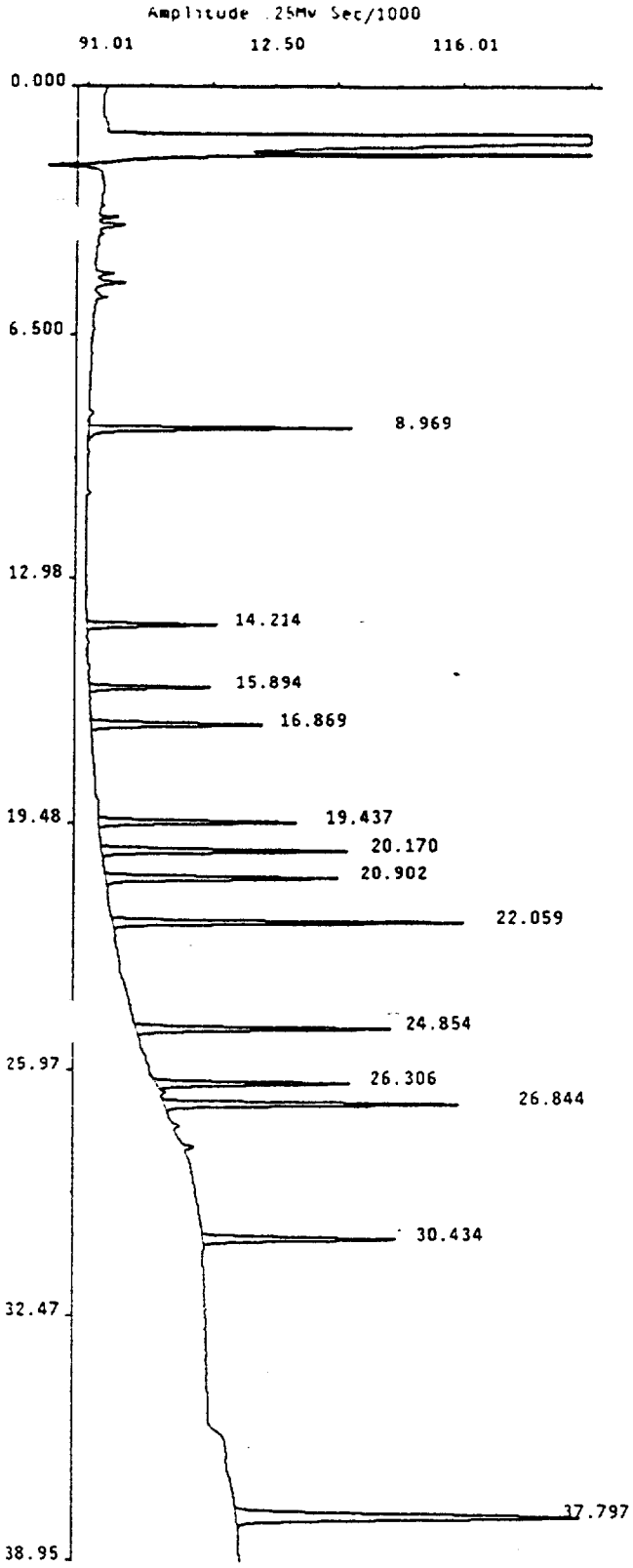
Pk #	RT	Area	Code	MASSng	Name
1	4.19	12484	BB	.001	
2	5.20	509147	BB	.086	TCX
3	6.61	4983	BB	.001	
4	8.34	314942	BB	.087	ALPHA-BHC
5	9.84	339743	BB	.086	GAMMA-BHC
6	10.60	432851	BB	.080	HEPTACHLOR
7	15.43	326573	BB	.079	ENDOSULF. I
8	16.46	4467	BB	.001	4,4'-DDE
9	16.94	807776	BB	.192	DIELDRIN
10	17.72	787088	BB	.191	ENDRIN
11	18.22	3463	BB	.000	
12	19.68	583920	BB	.168	4,4'-DDD
13	20.32	619027	BB	.195	4,4'-DDT
14	21.48	2296	BB	.001	ENDRIN ALDEH
15	21.71	9861	BB	.001	
16	22.30	3239	BB	.000	
17	22.90	1497235	BB	.712	METHOXYCHLOR
18	23.30	8293	BB	.001	
19	24.23	15804	BB	.006	ENDRIN KETON
20	26.91	2755	BB	.000	
21	27.43	875506	BB	.159	DCB
22	29.22	8648	BB	.001	
23	36.13	10171	BB	.001	
		7180274			

Total Area: 7180274

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1142 06Jul1994



Ceimic Corporation Pest/PCB Report

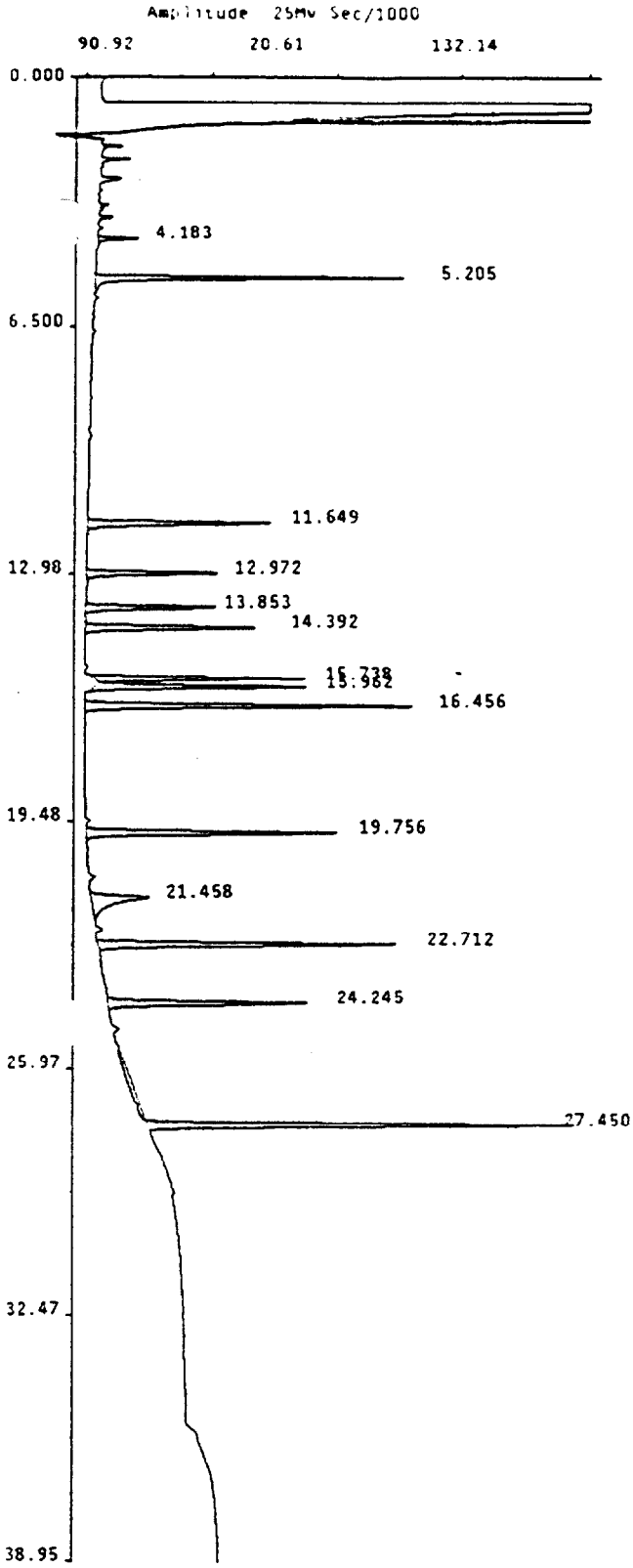
Sample Name : INDBL0A
Lab Id : INDBL0A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL011.RES
Inject Time : 0250 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	18359	BB	.005	TCX
2	14.21	9318	BB	.005	BETA-BHC
3	15.89	8805	BB	.005	DELTA-BHC
4	16.87	14946	BB	.005	ALDRIN
5	19.44	16159	BB	.005	H. EPOXIDE
6	20.17	19994	BB	.005	G. CHLORDANE
7	20.90	19569	BB	.005	A. CHLORDANE
8	22.06	26477	BB	.010	4,4'-DDE
9	24.85	20286	BB	.010	ENDOSULF. II
10	26.31	14960	BB	.010	ENDRIN ALDEH
11	26.84	24996	BB	.010	ENDO. SULFAT
12	30.43	17735	BB	.010	ENDRIN KETON
13	37.80	46935	BB	.011	DCB

Total Area: 258541

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1022 06Jul1994



Ceimic Corporation Pest/PCB Report

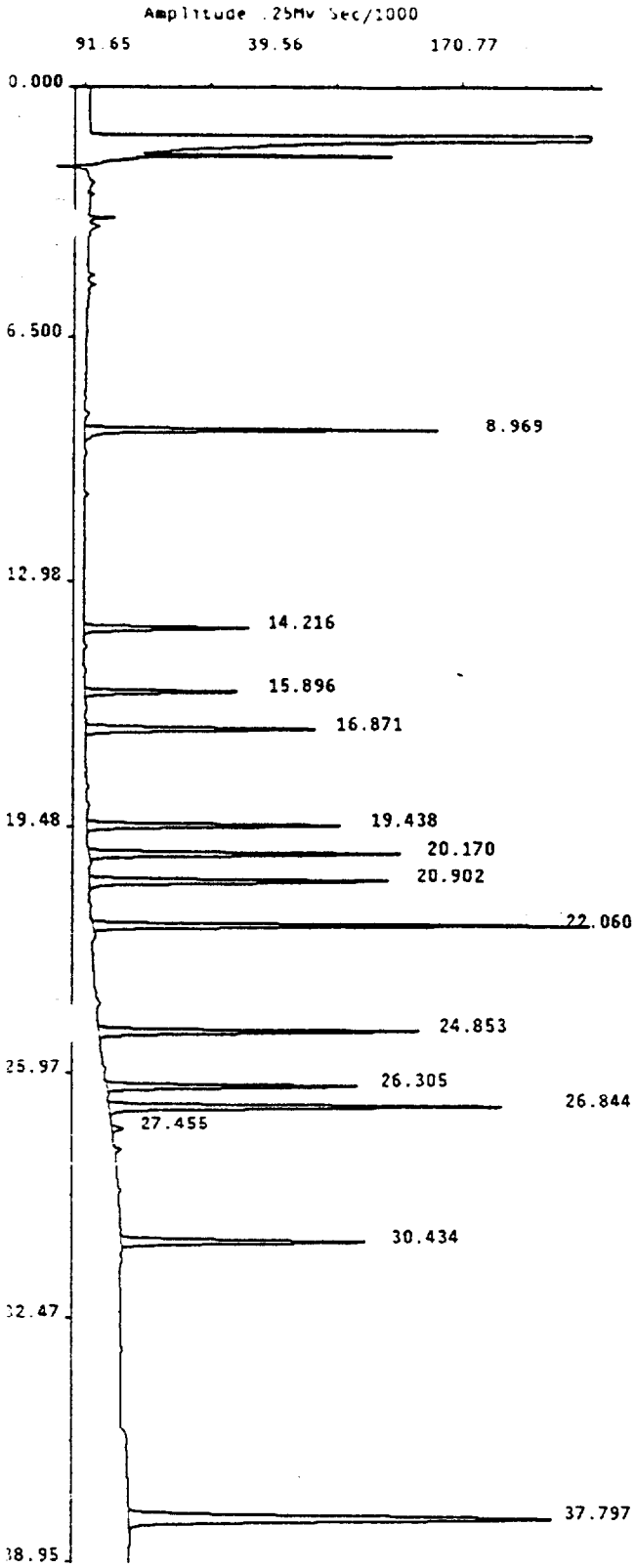
Sample Name : INDBL1A
Lab Id : INDBL1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL011.RES
Inject Time : 0250 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.18	3625	BB	.000	
2	5.20	30419	BB	.005	TCX
3	11.65	23897	BB	.005	ALDRIN
4	12.97	15552	BB	.005	BETA-BHC
5	13.85	15003	BB	.005	DELTA-BHC
6	14.39	23682	BB	.005	H. EPOXIDE
7	15.74	26673	BB	.005	G. CHLORDANE
8	15.96	25903	BB	.005	A. CHLORDANE
9	16.46	43857	BB	.009	4,4'-DDE
10	19.76	33507	BB	.010	ENDOSULF. II
11	21.46	16673	BB	.010	ENDRIN ALDEH
12	22.71	39680	BB	.010	ENDO. SULFAT
13	24.24	27224	BB	.010	ENDRIN KETON
14	27.45	50934	BB	.009	DCB

Total Area: 376629

Method File: /DATA/METHOD/INDAB07.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1138 06Jul1994



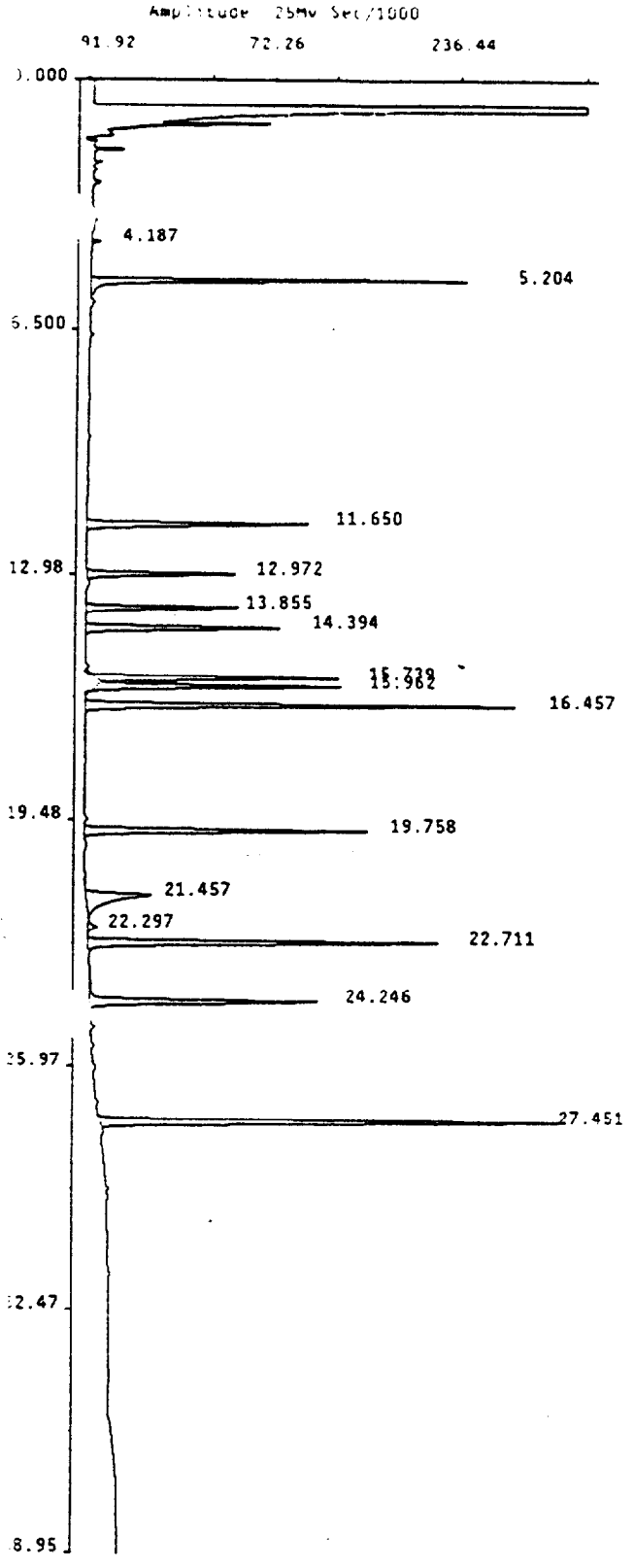
Ceimic Corporation Pest/PCB Report

Sample Name : INDBM0A
Lab Id : INDBM0A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL015.RES
Inject Time : 0543 06Jul1994
Run Status : RunStatusOK

fl 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	76439	BB	.022	TCX
2	14.22	38182	BB	.020	BETA-BHC
3	15.90	35013	BB	.020	DELTA-BHC
4	16.87	60584	BB	.020	ALDRIN
5	19.44	64041	BB	.020	H. EPOXIDE
6	20.17	79119	BB	.020	G. CHLORDANE
7	20.90	79516	BB	.020	A. CHLORDANE
8	22.06	110050	BB	.040	4,4'-DDE
9	24.85	78983	BB	.040	ENDOSULF. II
10	26.31	60484	BB	.040	ENDRIN ALDEH
11	26.84	103282	BB	.040	ENDO. SULFAT
12	27.45	3757	BB	.003	
13	30.43	71599	BB	.040	ENDRIN KETON
14	37.80	183842	BB	.042	DCB
Total Area:		1044890			

Method File: /DATA/METHOD/INDAB06.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1025 06Jul1994



Cetmic Corporation Pest/PCB Report

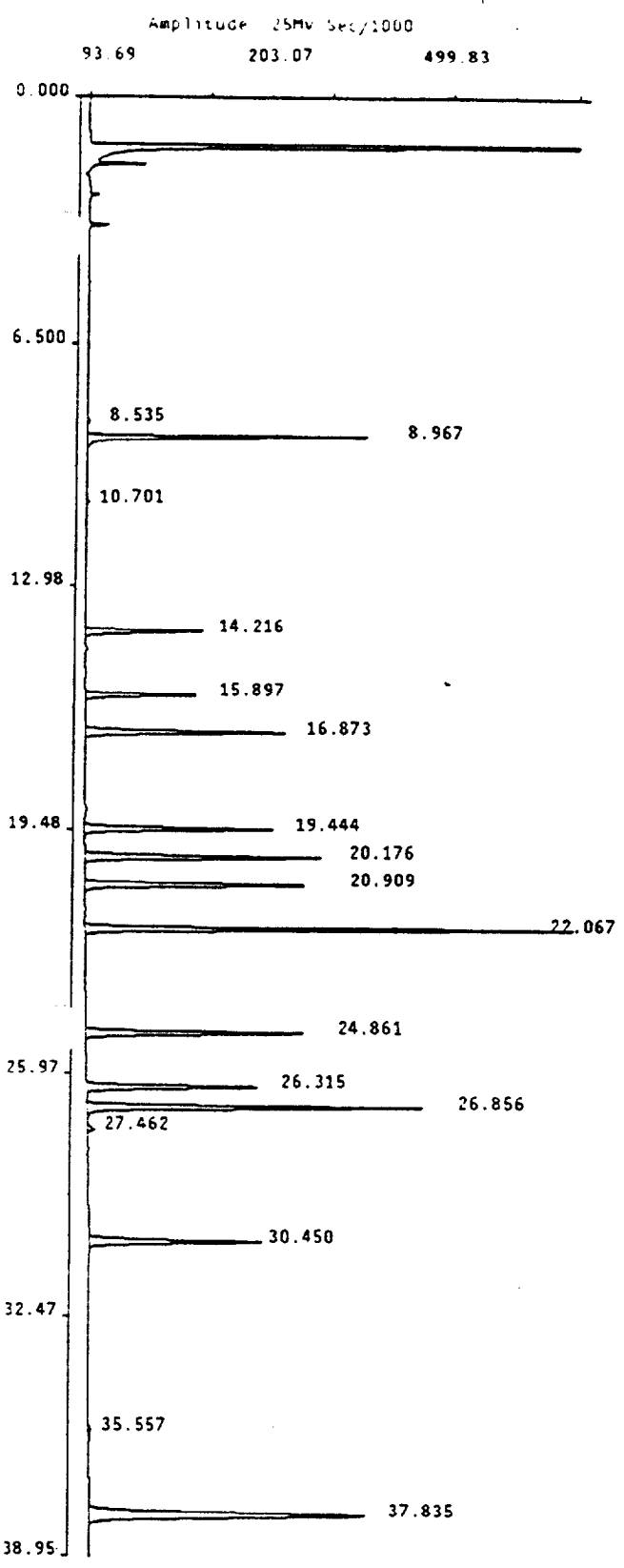
Sample Name : INDBM1A
Lab Id : INDBM1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL015.RES
Inject Time : 0543 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2640	BB	.000	
2	5.20	127731	BB	.022	TCX
3	11.65	100482	BB	.020	ALDRIN
4	12.97	62085	BB	.020	BETA-BHC
5	13.85	61356	BB	.020	DELTA-BHC
6	14.39	95128	BB	.020	H. EPOXIDE
7	15.74	106296	BB	.020	G. CHLORDANE
8	15.96	103536	BB	.020	A. CHLORDANE
9	16.46	191541	BB	.040	4,4'-DDE
10	19.76	131368	BB	.040	ENDOSULF. II
11	21.46	66898	BB	.040	ENDRIN ALDEH
12	22.30	5110	BB	.001	
13	22.71	163587	BB	.040	ENDO. SULFAT
14	24.25	114067	BB	.040	ENDRIN KETON
15	27.45	231302	BB	.042	DCB

Total Area: 1563126

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1141 06Jul1994



Ceimic Corporation Pest/PCB Report

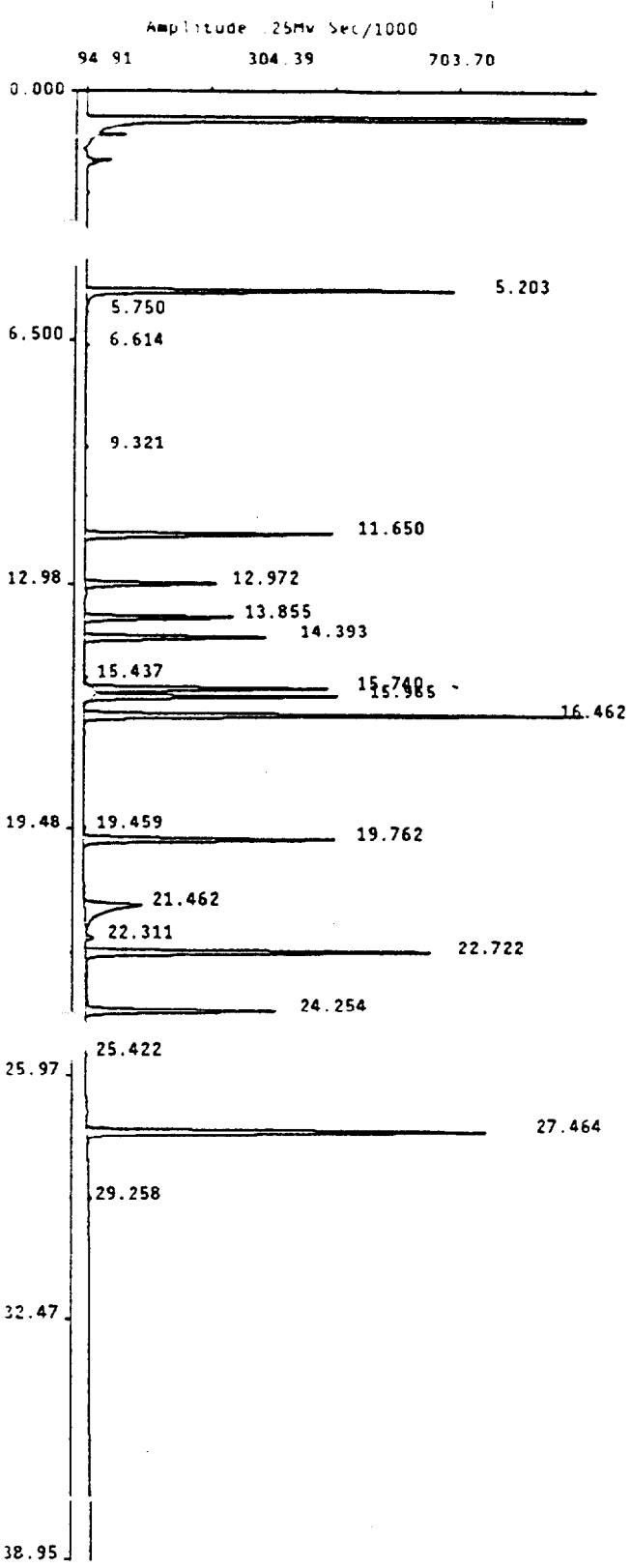
Sample Name : INDBHOA
Lab Id : INDBHOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL019.RES
Inject Time : 0837 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.54	3915	BB	.003	
2	8.97	307255	BB	.087	TCX
3	10.70	3400	BB	.003	
4	14.22	137286	BB	.072	BETA-BHC
5	15.90	132112	BB	.075	DELTA-BHC
6	16.87	256240	BB	.085	ALDRIN
7	19.44	241367	BB	.075	H. EPOXIDE
8	20.18	307688	BB	.078	G. CHLORDANE
9	20.91	310233	BB	.078	A. CHLORDANE
10	22.07	525029	BB	.191	4,4'-DDE
11	24.86	284830	BB	.144	ENDOSULF. II
12	26.32	219149	BB	.145	ENDRIN ALDEH
13	26.86	423773	BB	.164	ENDO. SULFAT
14	27.46	9746	BB	.008	
15	30.45	255759	BB	.143	ENDRIN KETON
16	35.56	10109	BB	.008	
17	37.83	630602	BB	.144	DCB

Total Area: 4058492

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1027 06Jul1994



Ceimic Corporation Pest/PCB Report

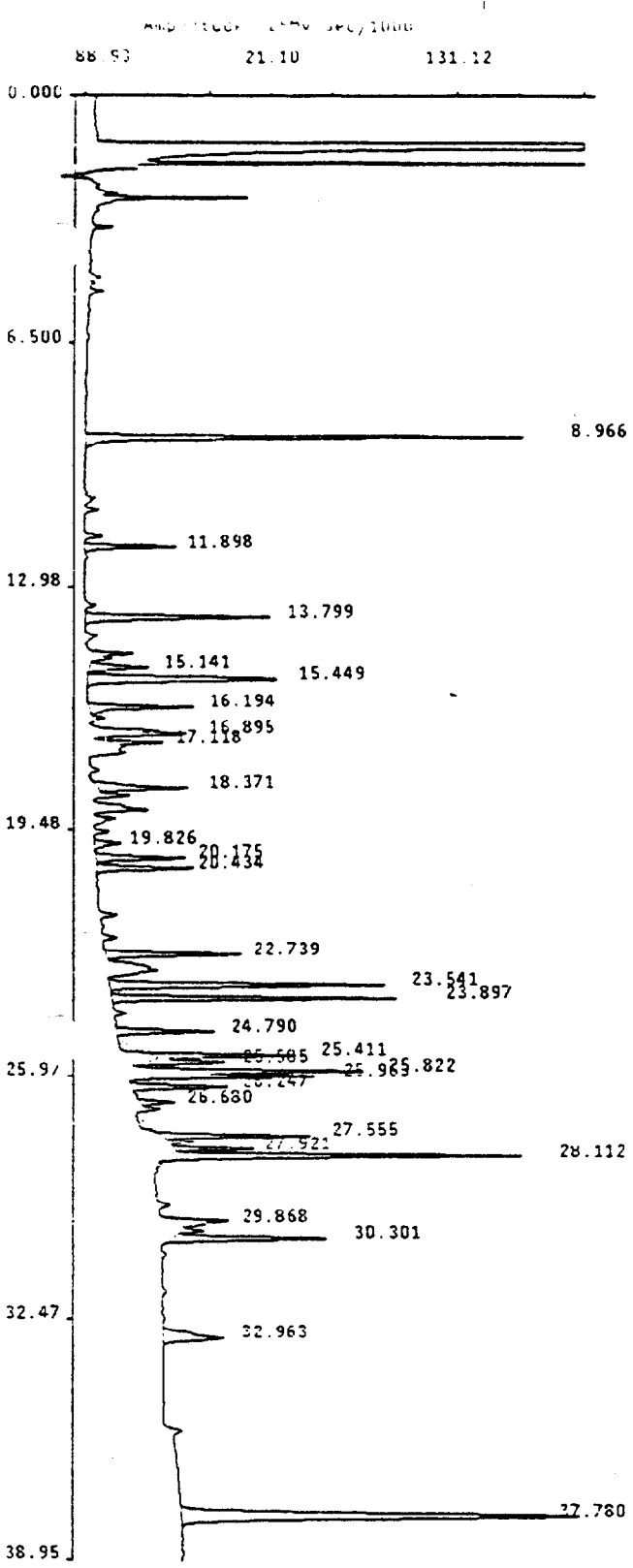
Sample Name : INDBH1A
Lab Id : INDBH1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL019.RES
Inject Time : 0837 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	518019	BB	.087	TCX
2	5.75	5160	BB	.001	
3	6.61	5181	BB	.001	
4	9.32	4085	BB	.000	
5	11.65	444032	BB	.088	ALDRIN
6	12.97	228447	BB	.074	BETA-BHC
7	13.86	245701	BB	.080	DELTA-BHC
8	14.39	361308	BB	.076	H. EPOXIDE
9	15.44	6614	BB	.002	ENDOSULF. I
10	15.74	419984	BB	.079	G. CHLORDANE
11	15.96	418737	BB	.081	A. CHLORDANE
12	16.46	897992	BB	.188	4,4'-DDE
13	19.46	3938	BB	.000	
14	19.76	479808	BB	.146	ENDOSULF. II
15	21.46	249972	BB	.149	ENDRIN ALDEH
16	22.31	13305	BB	.001	
17	22.72	675722	BB	.165	ENDO. SULFAT
18	24.25	402378	BB	.141	ENDRIN KETON
19	25.42	3507	BB	.000	
20	27.46	846744	BB	.154	DCB
21	29.26	8772	BB	.001	

Total Area:		6239498			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1143 06Jul1994



Ceimic Corporation Pest/PCB Report

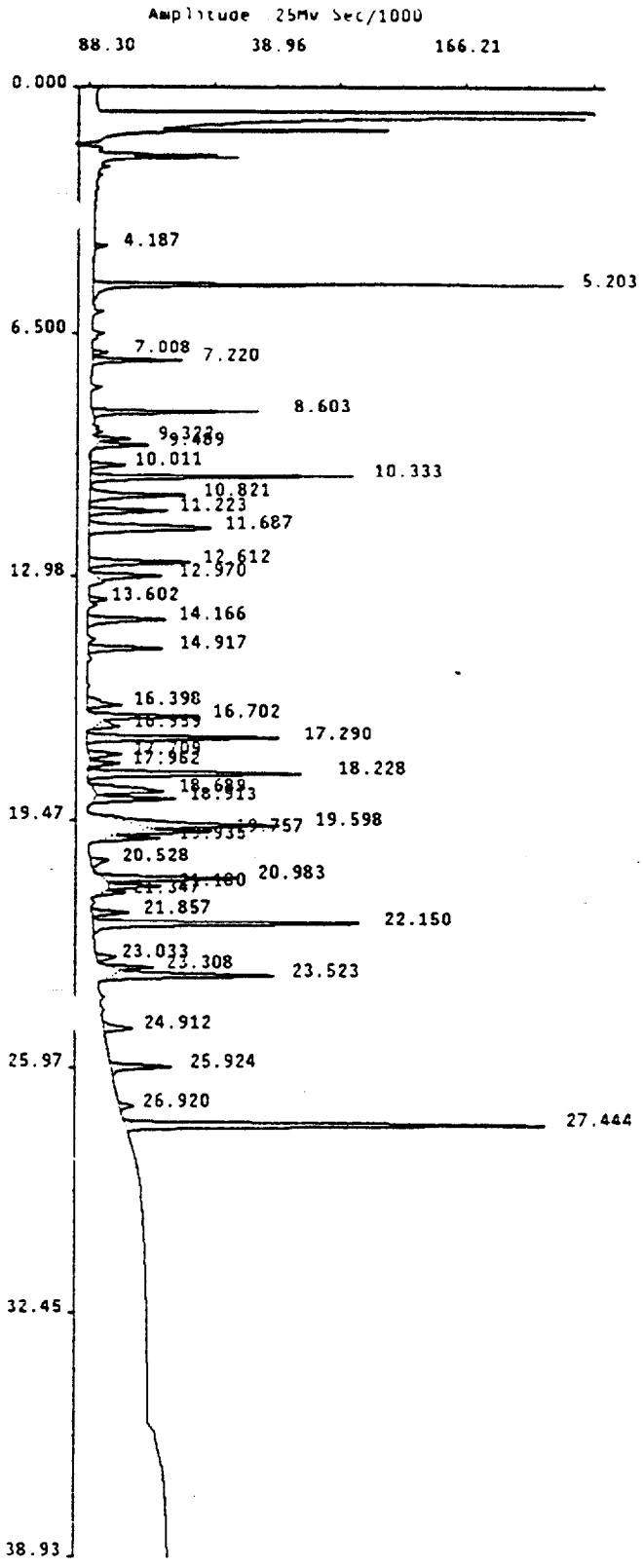
Sample Name : AR1660DA
Lab Id : AR1660DA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL003.RES
Inject Time : 2103 05Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	53174	BB	.020	TCX
2	11.90	10796	BB	.100	ARO-1016
3	13.80	26901	BB	.100	ARO-1016-2
4	15.14	8995	BB	.100	ARO-1016-3
5	15.45	37220	BB	.100	ARO-1016-4
6	16.19	14199	BB	.100	ARO-1016-5
7	16.89	5151	BB	.000	
8	17.12	6112	BB	.001	
9	18.37	13909	BB	.001	
10	19.83	4172	BB	.000	
11	20.17	12236	BB	.001	
12	20.43	12901	BB	.001	
13	22.74	19062	BB	.100	ARO-1260
14	23.54	38222	BB	.100	ARO-1260-2
15	23.90	38856	BB	.100	ARO-1260-3
16	24.79	12699	BB	.001	
17	25.41	12818	BB	.001	
18	25.59	8689	BB	.001	
19	25.82	19478	BB	.002	
20	25.96	11288	BB	.001	
21	26.25	12593	BB	.001	
22	26.68	4507	BB	.000	
23	27.55	15112	BB	.001	
24	27.92	8600	BB	.001	
25	28.11	47797	BB	.100	ARO-1260-4
26	29.87	8689	BB	.001	
27	30.30	21955	BB	.100	ARO-1260-5
28	32.96	16034	BB	.001	
29	37.78	91547	BB	.020	DCB

Total Area: 593713

Method File: /DATA/METHOD/AR1660_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1204 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR16601A
Lab Id : AR16601A ,I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL003.RES
Inject Time : 2103 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2784	BB	.000	
2	5.20	88424	BB	.020	TCX
3	7.01	3289	BB	.000	
4	7.22	18316	BB	.100	ARO-1016
5	8.60	37722	BB	.100	ARO-1016-2
6	9.32	6539	BB	.001	
7	9.49	10109	BB	.001	
8	10.01	8593	BB	.001	
9	10.33	60473	BB	.100	ARO-1016-3
10	10.82	28418	BB	.003	
11	11.22	18759	BB	.002	
12	11.69	47877	BB	.100	ARO-1016-4
13	12.61	29257	BB	.100	ARO-1016-5
14	12.97	17107	BB	.002	
15	13.60	3826	BB	.000	
16	14.17	22538	BB	.002	
17	14.92	18809	BB	.002	
18	16.40	12004	BB	.001	
19	16.70	24597	BB	.002	
20	16.96	6104	BB	.001	
21	17.29	49695	BB	.100	ARO-1260
22	17.71	9585	BB	.001	
23	17.96	7244	BB	.001	
24	18.23	57165	BB	.100	ARO-1260-2
25	18.69	26269	BB	.002	
26	18.91	20072	BB	.002	
27	19.60	44139	BB	.004	
28	19.76	16686	BB	.001	
29	19.94	10469	BB	.001	
30	20.53	5594	BB	.000	
31	20.98	32301	BB	.100	ARO-1260-3
32	21.18	11554	BB	.001	
33	21.35	4351	BB	.000	
34	21.86	9216	BB	.001	
35	22.15	75091	BB	.100	ARO-1260-4
36	23.03	5418	BB	.000	
37	23.31	8340	BB	.001	
38	23.52	44214	BB	.004	
39	24.91	8714	BB	.001	
40	25.92	15614	BB	.100	ARO-1260-5
41	26.92	4183	BB	.000	

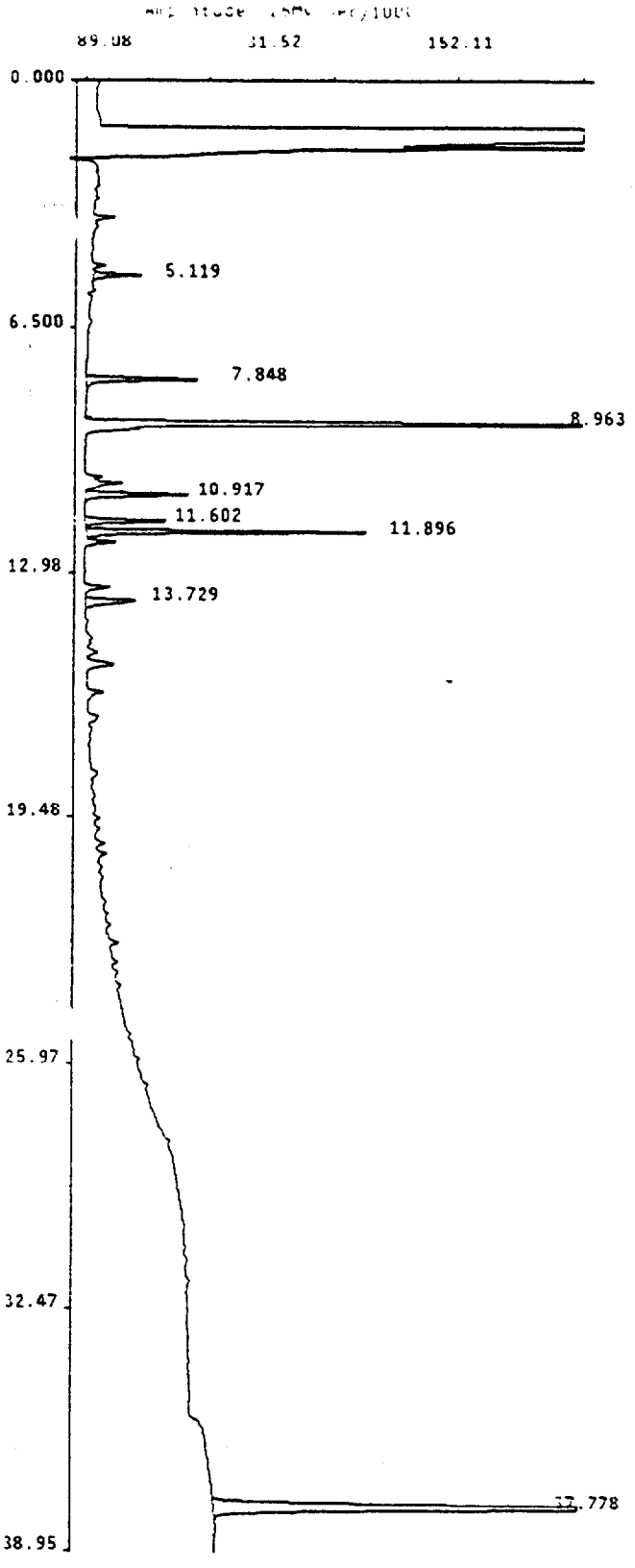
Sample Name : AR16601A
Lab Id : AR16601A ,1
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL003.RES
Inject Time : 2103 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
42	27.44	114912	BB	.020	DCB

Total Area: 1046370

Method File: /DATA/METHOD/AR1660_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1207 06Jul1994



Ceimic Corporation Pest/PCB Report

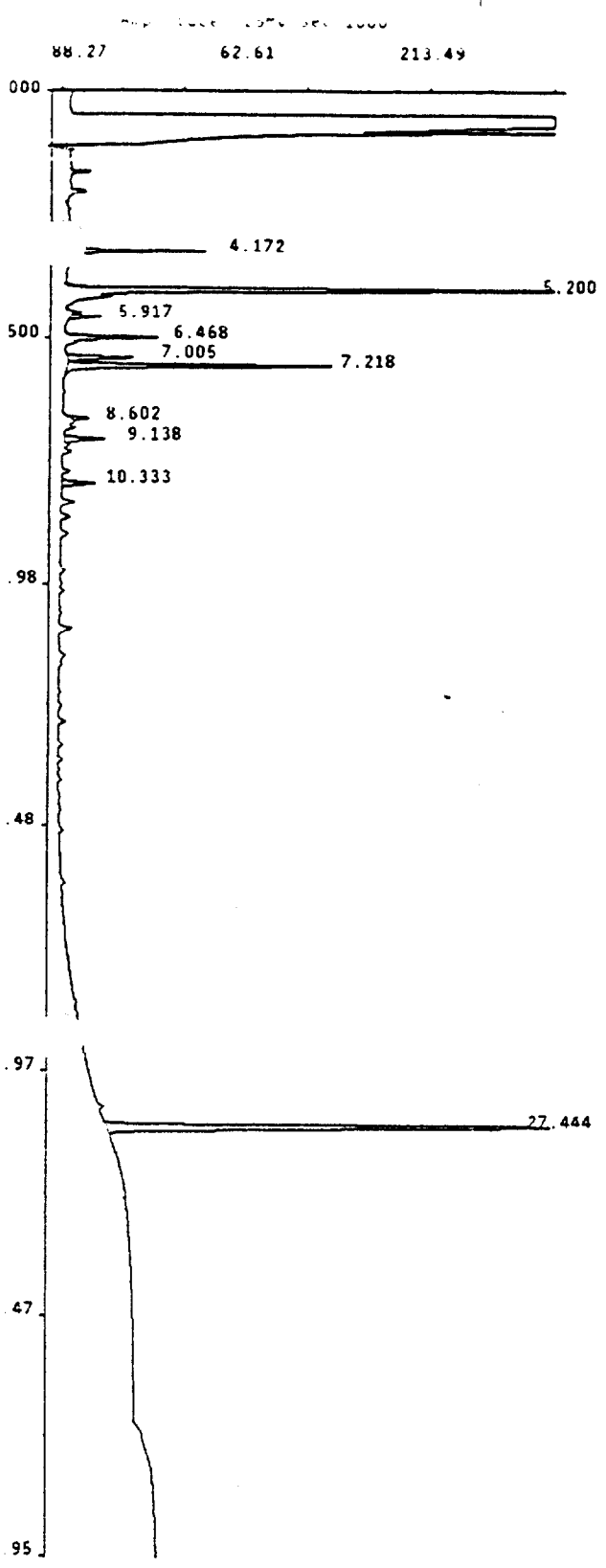
Sample Name : AR12210A
Lab Id : AR12210A ,1
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL004.RES
Inject Time : 2146 05Jul1994
Run Status : SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	4265	BB	.000	
2	7.85	10274	BB	.200	ARO-1221
3	8.96	73725	BB	.020	TCX
4	10.92	10023	BB	.200	ARO-1221-2
5	11.60	7785	BB	.200	ARO-1221-3
6	11.90	24807	BB	.200	ARO-1221-4
7	13.73	7356	BB	.200	ARO-1221-5
8	37.78	85957	BB	.020	DCB

Total Area: 224191

Method File: /DATA/METHOD/AR1221_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1204 06Jul1994



Ceimic Corporation Pest/PCB Report

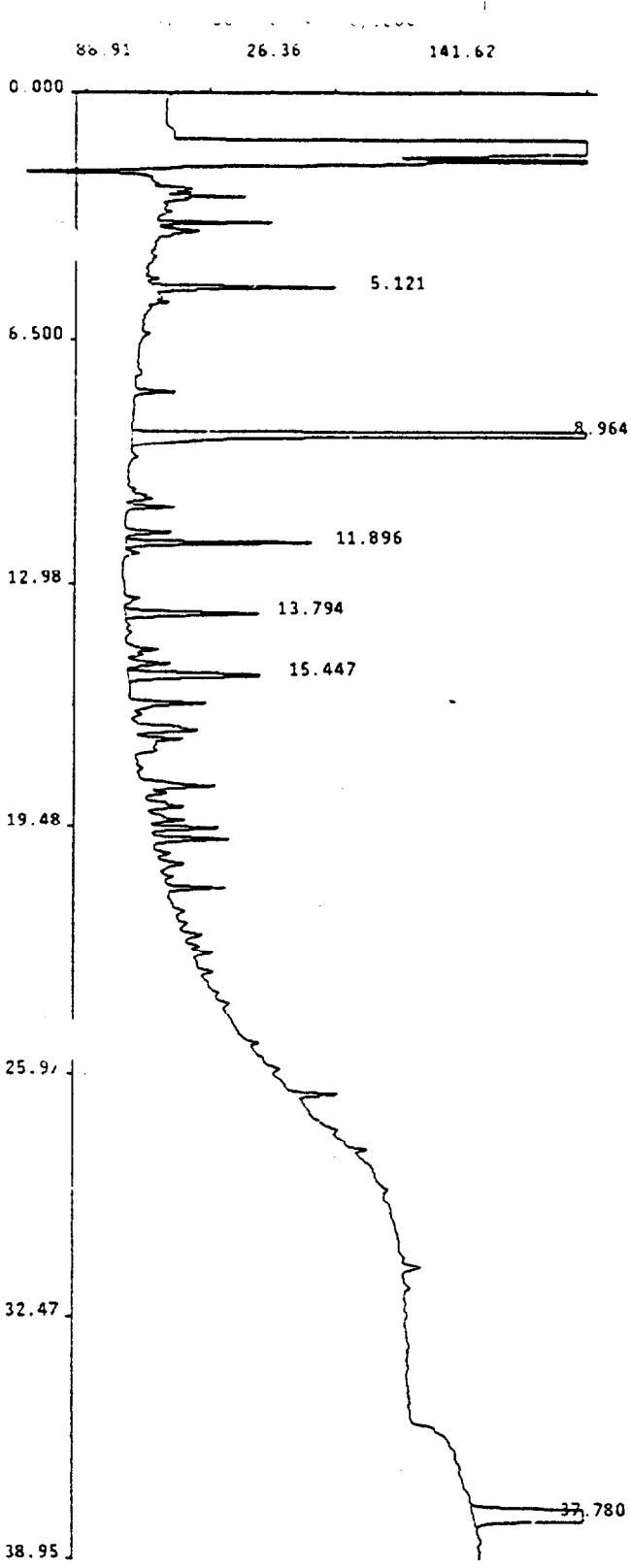
Sample Name : AR12211A
Lab Id : AR12211A .I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL004.RES
Inject Time : 2146 05Jul1994
Run Status : EndOffBaseline
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.17	22836	BB	.200	ARO-1221
2	5.20	123362	BB	.020	TCX
3	5.92	4353	BB	.000	
4	6.47	13802	BB	.200	ARO-1221-2
5	7.01	11151	BB	.001	
6	7.22	43995	BB	.200	ARO-1221-3
7	8.60	2752	BB	.000	
8	9.14	6893	BB	.200	ARO-1221-4
9	10.33	6620	BB	.200	ARO-1221-5
10	27.44	108180	BB	.020	DCB

Total Area: 343943

Method File: /DATA/METHOD/AR1221_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1212 06Jul1994



Ceimic Corporation Pest/PCB Report

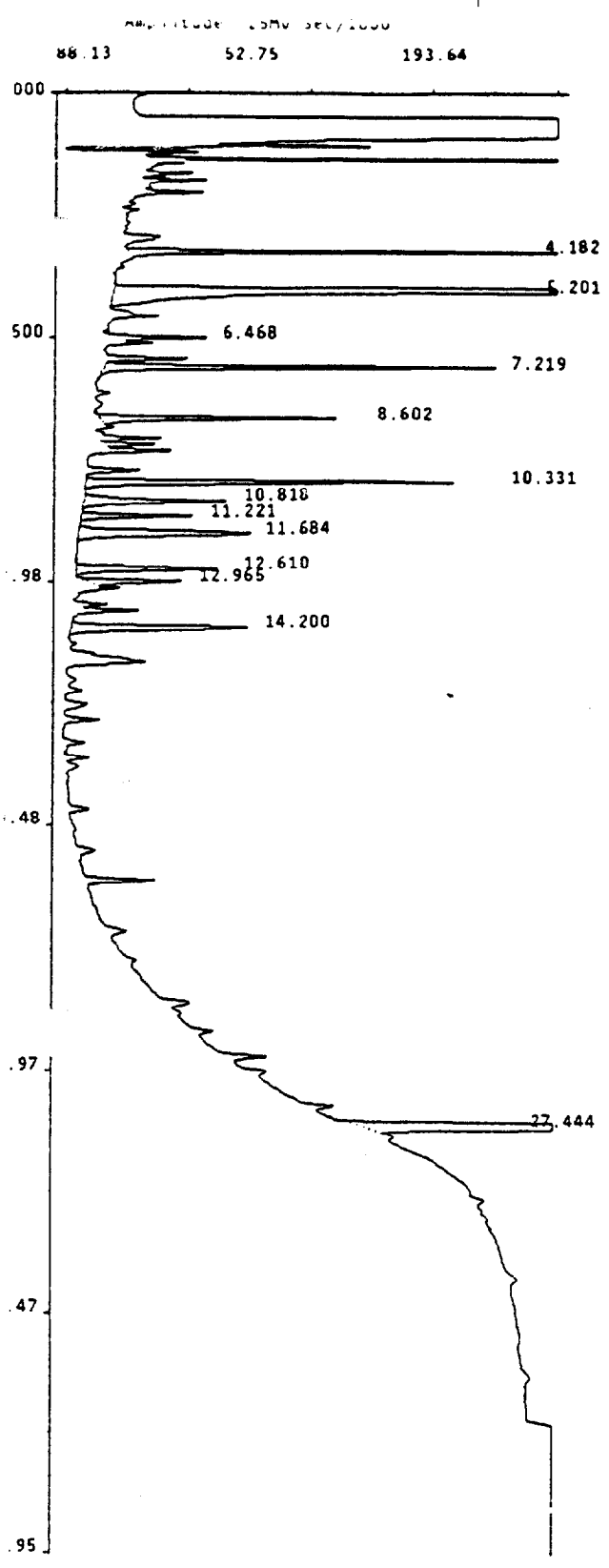
Sample Name : AR1232OA
Lab Id : AR1232OA ,1
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL005.RES
Inject Time : 2230 05Jul1994
Run Status : RunStatusOK

fl 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	5829	BB	.001	
2	8.96	69203	BB	.020	TCX
3	11.90	6272	BB	.100	ARO-1232
4	13.79	5953	BB	.100	ARO-1232-2
5	15.45	7418	BB	.100	ARO-1232-3
6	37.78	82532	BB	.020	DCB

Total Area: 177208

Method File: /DATA/METHOD/AR1232_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1205 06Jul1994



Ceimic Corporation Pest/PCB Report

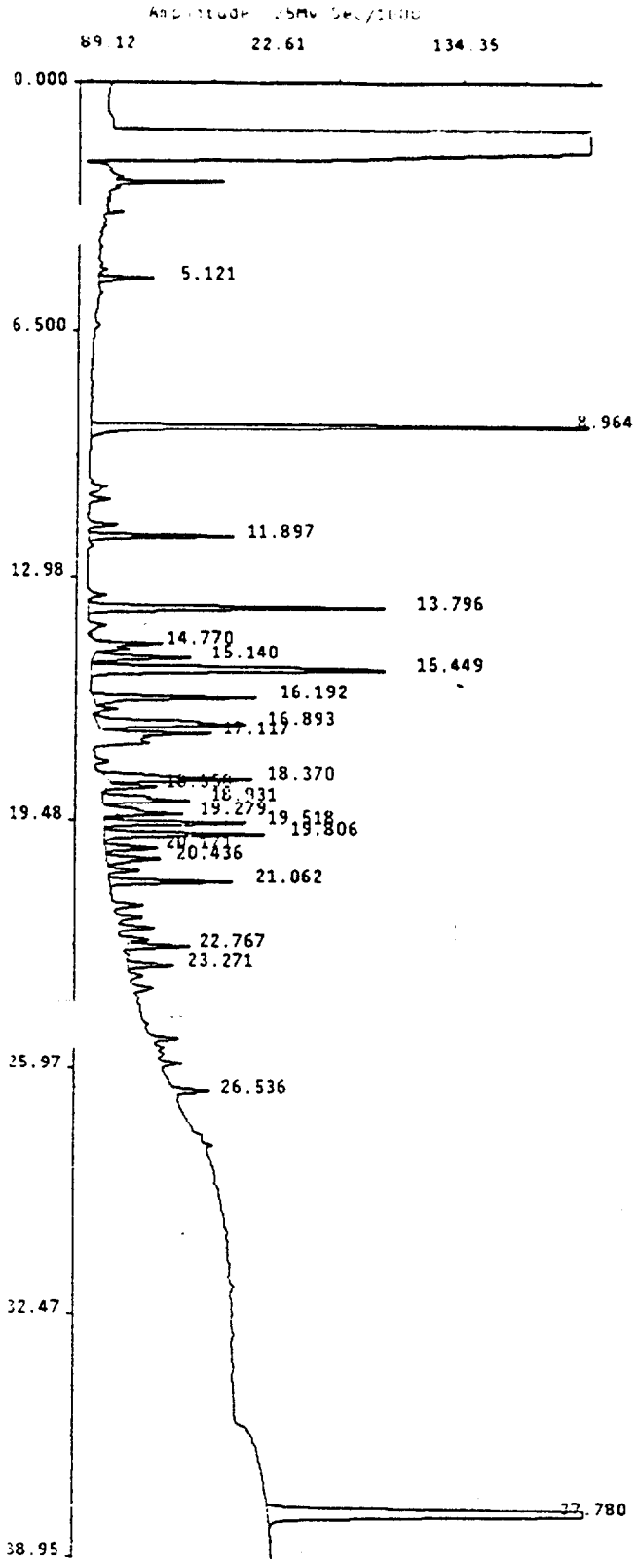
Sample Name : AR12321A
Lab Id : AR12321A .I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL005.RES
Inject Time : 2230 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.18	11491	BB	.100	ARO-1232
2	5.20	115762	BB	.020	TCX
3	6.47	2068	BB	.000	
4	7.22	10948	BB	.100	ARO-1232-2
5	8.60	7436	BB	.100	ARO-1232-3
6	10.33	12329	BB	.100	ARO-1232-4
7	10.82	6022	BB	.001	
8	11.22	3686	BB	.000	
9	11.68	9130	BB	.100	ARO-1232-5
10	12.61	5818	BB	.001	
11	12.97	3250	BB	.000	
12	14.20	9158	BB	.001	
13	27.44	103285	BB	.020	DCB

Total Area:		300382			

Method File: /DATA/METHOD/AR1232_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1212 06Jul1994



Ceimic Corporation Pest/PCB Report

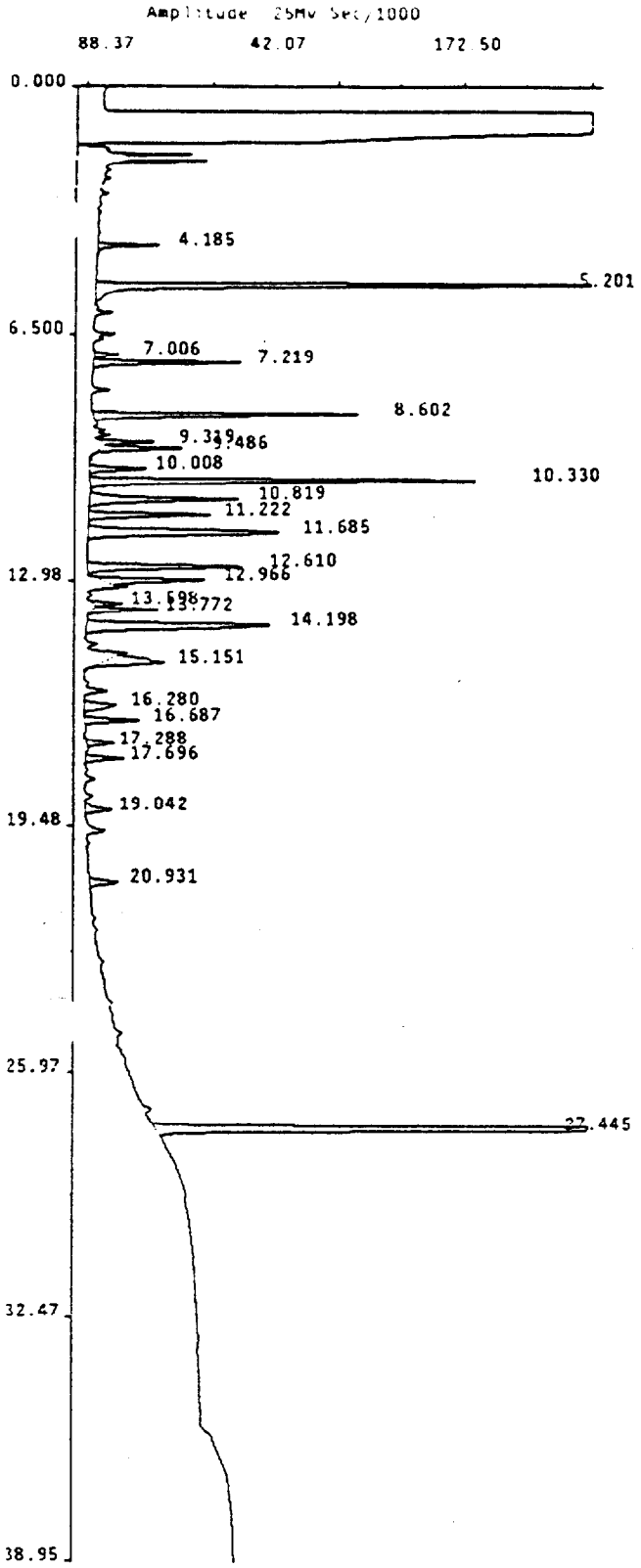
Sample Name : AR1242OA
Lab Id : AR1242OA .I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL006.RES
Inject Time : 2313 05Jul1994
Run Status : SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3440	BB	.000	
2	8.96	54950	BB	.020	TCX
3	11.90	9192	BB	.001	
4	13.80	22794	BB	.100	ARO-1242
5	14.77	2243	BB	.000	
6	15.14	7603	BB	.001	
7	15.45	31039	BB	.100	ARO-1242-2
8	16.19	11798	BB	.100	ARO-1242-3
9	16.89	16295	BB	.001	
10	17.12	5229	BB	.000	
11	18.37	12686	BB	.100	ARO-1242-4
12	18.56	2982	BB	.000	
13	18.93	8826	BB	.001	
14	19.28	3411	BB	.000	
15	19.52	9864	BB	.001	
16	19.81	11876	BB	.100	ARO-1242-5
17	20.17	3923	BB	.000	
18	20.44	4983	BB	.000	
19	21.06	8606	BB	.001	
20	22.77	4271	BB	.000	
21	23.27	3301	BB	.000	
22	26.54	2248	BB	.000	
23	37.78	101265	BB	.020	DCB

Total Area: 342825

Method File: /DATA/METHOD/AR1242_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1207 06Jul1994



Ceimic Corporation Pest/PCB Report

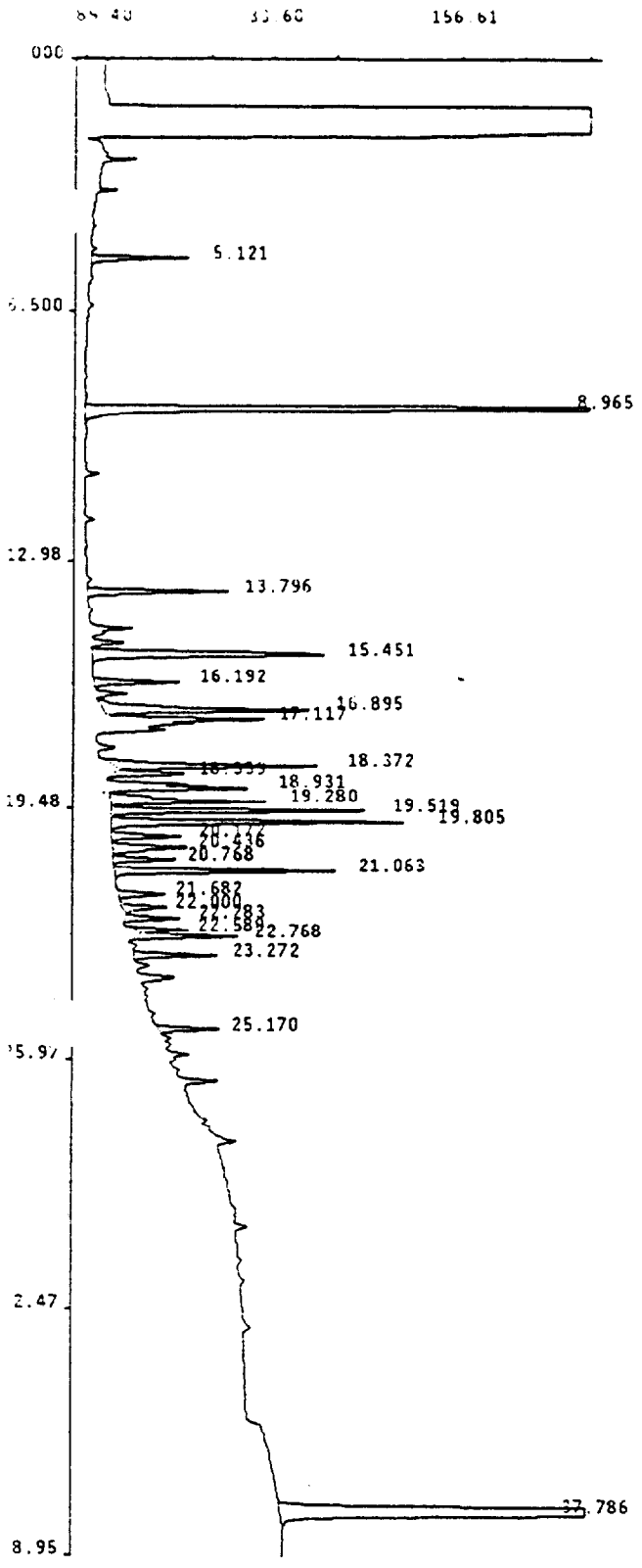
Sample Name : AR12421A
Lab Id : AR12421A ,I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL006.RES
Inject Time : 2313 05Jul1994
Run Status : EndOffBaseline
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.18	5895	BB	.001	
2	5.20	91853	BB	.020	TCX
3	7.01	2885	BB	.000	
4	7.22	15878	BB	.001	
5	8.60	32135	BB	.100	ARO-1242
6	9.32	5654	BB	.000	
7	9.49	8563	BB	.001	
8	10.01	7166	BB	.001	
9	10.33	50504	BB	.100	ARO-1242-2
10	10.82	23724	BB	.002	
11	11.22	15658	BB	.001	
12	11.69	39953	BB	.100	ARO-1242-3
13	12.61	24815	BB	.100	ARO-1242-4
14	12.97	14074	BB	.001	
15	13.60	3358	BB	.000	
16	13.77	7715	BB	.001	
17	14.20	37655	BB	.100	ARO-1242-5
18	15.15	12111	BB	.001	
19	16.28	6651	BB	.001	
20	16.69	7297	BB	.001	
21	17.29	3685	BB	.000	
22	17.70	5404	BB	.000	
23	19.04	4307	BB	.000	
24	20.93	4403	BB	.000	
25	27.44	127604	BB	.020	DCB

Total Area:		558948			

Method File: /DATA/METHOD/AR1242_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1211 06Jul1994



Ceimic Corporation Pest/PCB Report

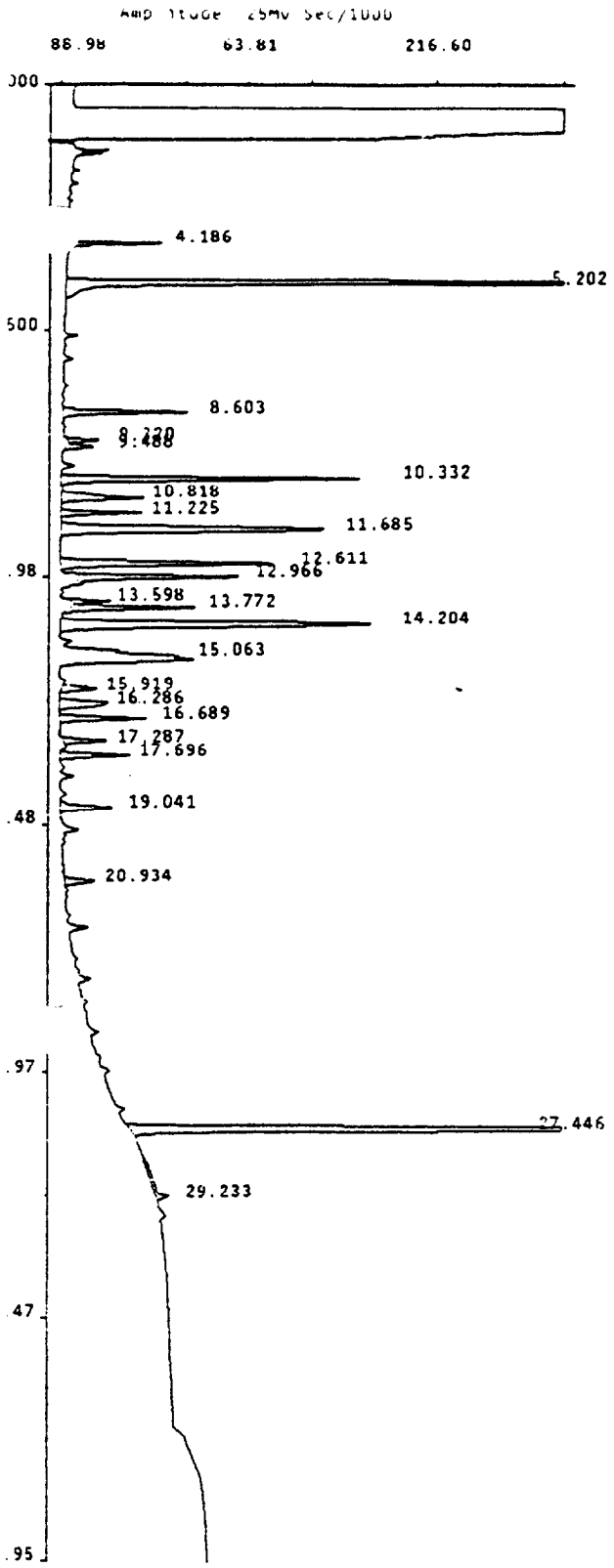
Sample Name : AR1248DA
Lab Id : AR1248DA ,I
Inst Id & Col : AD6_1, DB_608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL007.RES
Inject Time : 2356 05Jul1994
Run Status : SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	6007	BB	.001	
2	8.96	71273	BB	.020	TCX
3	13.80	9986	BB	.001	
4	15.45	23993	BB	.100	ARO-1248
5	16.19	5715	BB	.000	
6	16.89	17176	BB	.001	
7	17.12	6888	BB	.001	
8	18.37	15570	BB	.001	
9	18.56	3984	BB	.000	
10	18.93	5096	BB	.100	ARO-1248-2
11	19.28	12598	BB	.001	
12	19.52	17167	BB	.100	ARO-1248-3
13	19.81	20913	BB	.100	ARO-1248-4
14	20.17	5070	BB	.000	
15	20.44	6964	BB	.001	
16	20.77	4221	BB	.000	
17	21.06	15272	BB	.100	ARO-1248-5
18	21.68	3388	BB	.000	
19	22.00	3511	BB	.000	
20	22.28	3630	BB	.000	
21	22.59	3169	BB	.000	
22	22.77	6606	BB	.001	
23	23.27	6101	BB	.001	
24	25.17	4043	BB	.000	
25	37.79	159502	BB	.020	DCB

Total Area: 437843

Method File: /DATA/METHOD/AR1248_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1212 06Jul1994



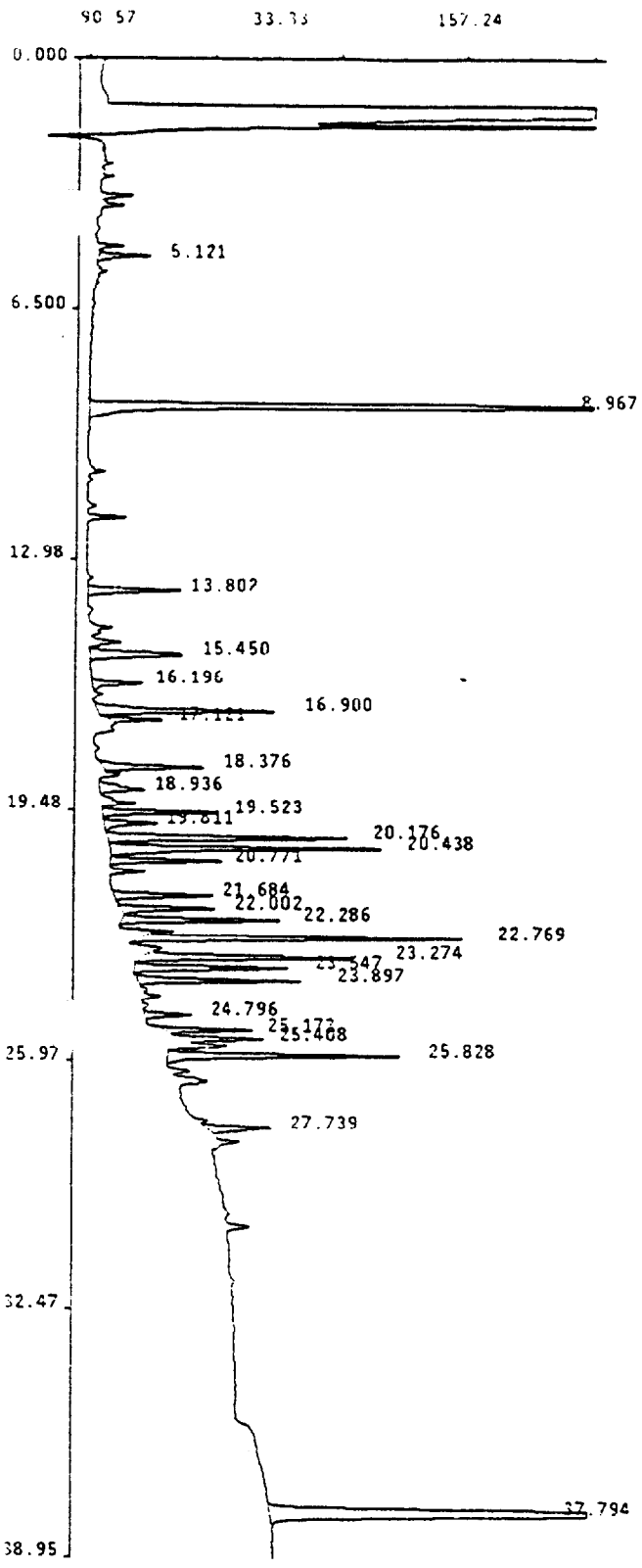
Ceimic Corporation Pest/PCB Report

Sample Name : AR12481A
Lab Id : AR12481A .I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL007.RES
Inject Time : 2356 05Jul1994
Run Status : EndOffBaseline
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	8687	BB	.001	
2	5.20	119920	BB	.020	TCX
3	8.60	15525	BB	.001	
4	9.32	3313	BB	.000	
5	9.49	2856	BB	.000	
6	10.33	39255	BB	.100	ARO-1248
7	10.82	14306	BB	.001	
8	11.22	10577	BB	.001	
9	11.68	55850	BB	.100	ARO-1248-2
10	12.61	33441	BB	.100	ARO-1248-3
11	12.97	23295	BB	.002	
12	13.60	4346	BB	.000	
13	13.77	15457	BB	.001	
14	14.20	64629	BB	.100	ARO-1248-4
15	15.06	2101	BB	.000	
16	15.92	5005	BB	.000	
17	16.29	11302	BB	.001	
18	16.59	11954	BB	.100	ARO-1248-5
19	17.29	5694	BB	.000	
20	17.70	9552	BB	.001	
21	19.04	8275	BB	.001	
22	20.93	4656	BB	.000	
23	27.45	201475	BB	.020	DCB
24	29.23	5485	BB	.000	
Total Area:		676958			

Method File: /DATA/METHOD/AR1248_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1218 06Jul1994



Ceimic Corporation Pest/PCB Report

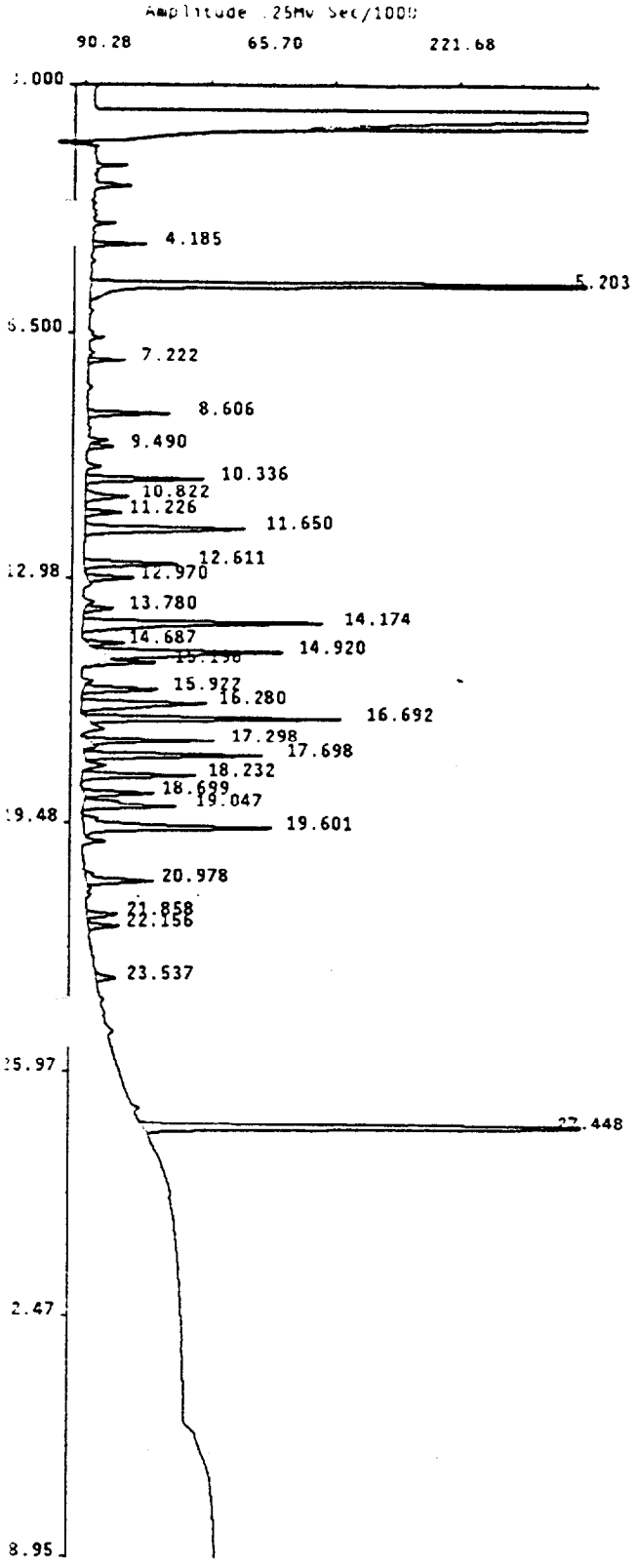
Sample Name : AR1254OA
Lab Id : AR1254OA ,I
Inst Id & Col : AD6_1, DB-608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL008.RES
Inject Time : 0040 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3169	BB	.000	
2	8.97	86587	BB	.020	TCX
3	13.80	7043	BB	.001	
4	15.45	9428	BB	.001	
5	16.20	3513	BB	.000	
6	16.90	13315	BB	.001	
7	17.12	3162	BB	.000	
8	18.38	7379	BB	.001	
9	18.94	4048	BB	.000	
10	19.52	7567	BB	.001	
11	19.81	3950	BB	.000	
12	20.18	17803	BB	.100	ARO-1254
13	20.44	21220	BB	.100	ARO-1254-2
14	20.77	7457	BB	.001	
15	21.68	6856	BB	.001	
16	22.00	6763	BB	.001	
17	22.29	10275	BB	.001	
18	22.77	21929	BB	.100	ARO-1254-3
19	23.27	15532	BB	.100	ARO-1254-4
20	23.55	11249	BB	.001	
21	23.90	13189	BB	.001	
22	24.80	3120	BB	.000	
23	25.17	4902	BB	.000	
24	25.41	5095	BB	.000	
25	25.83	17208	BB	.100	ARO-1254-5
26	27.74	6056	BB	.001	
27	37.79	84531	BB	.020	DCB

Total Area: 402348

Method File: /DATA/METHOD/AR1254_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1216 06Jul1994



Ceimic Corporation Pest/PCB Report

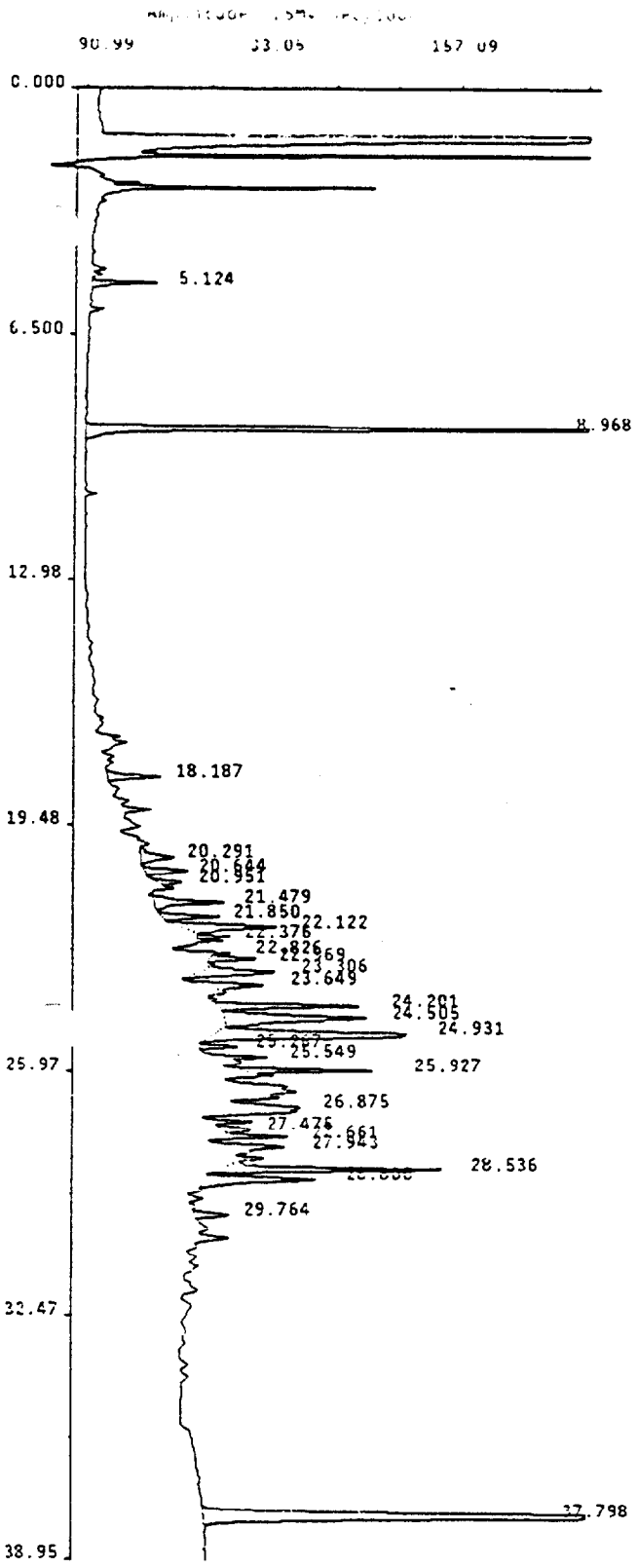
Sample Name : AR12541A
Lab Id : AR12541A ,1
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL008.RES
Inject Time : 0040 06Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	5105	BB	.000	
2	5.20	145031	BB	.020	TCX
3	7.22	4127	BB	.000	
4	8.61	10438	BB	.001	
5	9.49	2722	BB	.000	
6	10.34	15750	BB	.001	
7	10.82	7519	BB	.001	
8	11.23	4806	BB	.000	
9	11.65	30083	BB	.003	
10	12.61	14580	BB	.001	
11	12.97	6545	BB	.001	
12	13.78	3834	BB	.000	
13	14.17	42610	BB	.100	ARO-1254
14	14.69	4585	BB	.000	
15	14.92	33286	BB	.003	
16	15.20	5398	BB	.000	
17	15.92	11090	BB	.001	
18	16.28	25183	BB	.100	ARO-1254-2
19	16.69	34810	BB	.100	ARO-1254-3
20	17.30	17377	BB	.002	
21	17.70	26110	BB	.100	ARO-1254-4
22	18.23	16307	BB	.001	
23	18.70	10112	BB	.001	
24	19.05	18222	BB	.002	
25	19.60	36229	BB	.100	ARO-1254-5
26	20.98	11472	BB	.001	
27	21.86	4405	BB	.000	
28	22.16	4279	BB	.000	
29	23.54	3405	BB	.000	
30	27.45	107198	BB	.020	DCB

Total Area:		662616			

Method File: /DATA/METHOD/AR1254_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1221 06Jul1994



Ceimic Corporation Pest/PCB Report

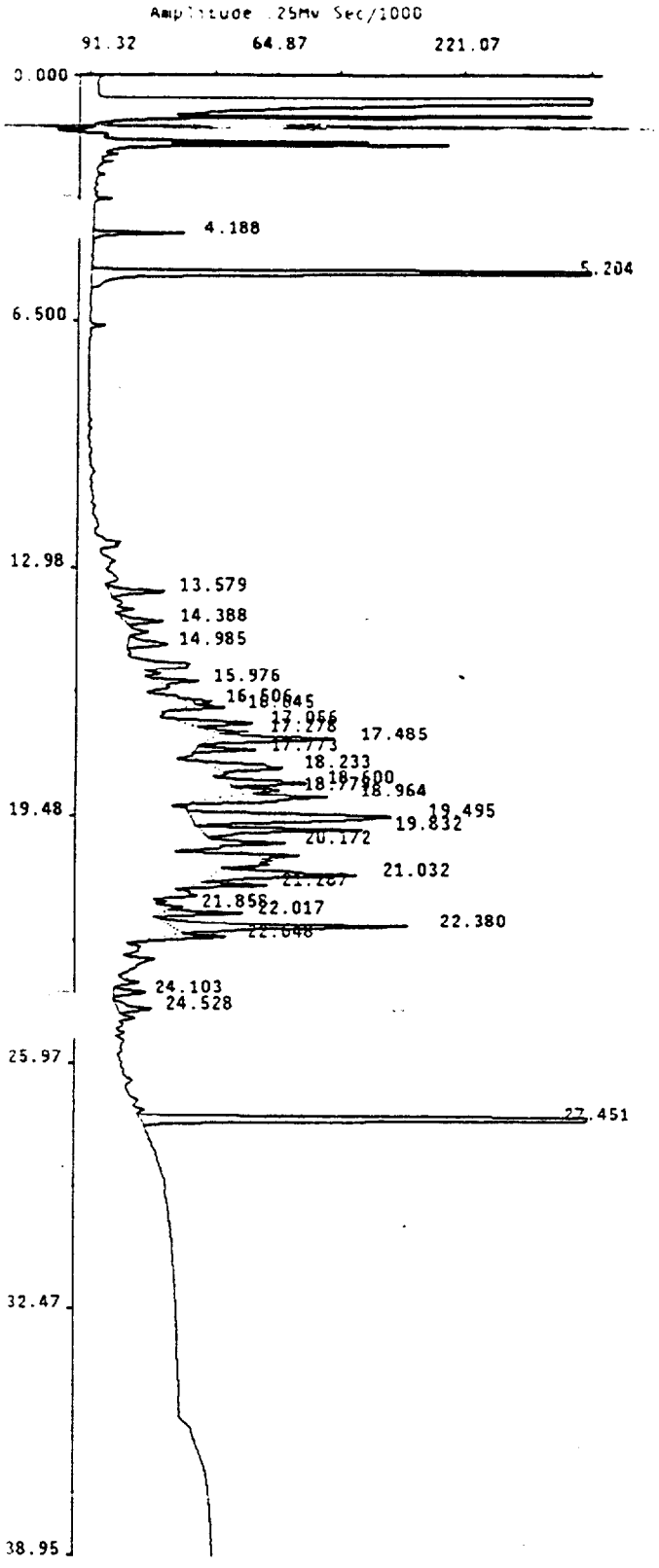
Sample Name : TOXAPHOA
Lab Id : TOXAPHOA ,I
Inst Id & Col : AD6_1, DB-608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL009.RES
Inject Time : 0123 06Jul1994
Run Status : RunStatusOK

jf 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	5885	BB	.001	
2	8.97	85677	BB	.020	TCX
3	18.19	6261	BB	.500	TOXAPHENE
4	20.29	5723	BB	.001	
5	20.64	5755	BB	.001	
6	20.95	2319	BB	.000	
7	21.48	9822	BB	.500	TOXAPHENE-2
8	21.85	6621	BB	.001	
9	22.12	14437	BB	.002	
10	22.38	2296	BB	.000	
11	22.83	2545	BB	.000	
12	22.97	4227	BB	.001	
13	23.31	12048	BB	.002	
14	23.65	7623	BB	.001	
15	24.20	14806	BB	.500	TOXAPHENE-3
16	24.51	26423	BB	.500	TOXAPHENE-4
17	24.93	38327	BB	.005	
18	25.27	3210	BB	.000	
19	25.55	2844	BB	.000	
20	25.93	13535	BB	.002	
21	26.88	2402	BB	.000	
22	27.47	3683	BB	.001	
23	27.66	6238	BB	.001	
24	27.94	6101	BB	.001	
25	28.54	24601	BB	.500	TOXAPHENE-5
26	28.80	17268	BB	.002	
27	29.76	4223	BB	.001	
28	37.80	97308	BB	.020	DCB

Total Area: 432210

Method File: /DATA/METHOD/TOXAPH_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1221 06Jul1994



Ceimic Corporation Pest/PCB Report

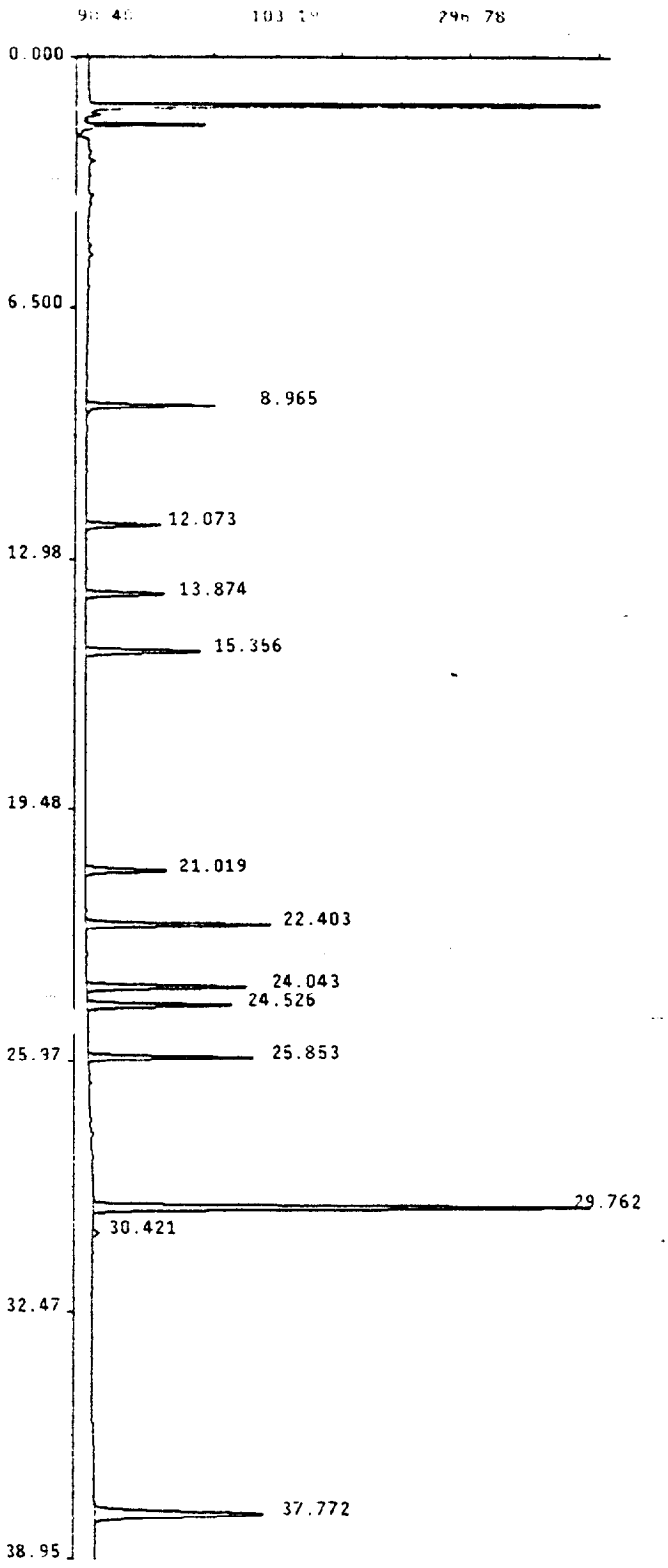
Sample Name : TOXAPH1A
Lab Id : TOXAPH1A ,I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL009.RES
Inject Time : 0123 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	9147	BB	.001	
2	5.20	143225	BB	.020	TCX
3	13.58	9266	BB	.500	TOXAPHENE
4	14.39	6926	BB	.001	
5	14.98	8292	BB	.001	
6	15.98	5737	BB	.000	
7	16.51	4814	BB	.000	
8	16.65	4829	BB	.000	
9	17.06	12422	BB	.001	
10	17.28	4093	BB	.000	
11	17.49	22160	BB	.500	TOXAPHENE-2
12	17.77	7291	BB	.001	
13	18.23	12872	BB	.001	
14	18.60	9350	BB	.001	
15	18.78	4655	BB	.000	
16	18.96	24375	BB	.002	
17	19.50	55321	BB	.500	TOXAPHENE-3
18	19.83	24969	BB	.002	
19	20.17	8842	BB	.001	
20	21.03	28322	BB	.500	TOXAPHENE-4
21	21.29	8702	BB	.001	
22	21.86	2155	BB	.000	
23	22.02	9924	BB	.001	
24	22.38	43350	BB	.500	TOXAPHENE-5
25	22.65	8552	BB	.001	
26	24.10	5349	BB	.000	
27	24.53	6761	BB	.001	
28	27.45	123280	BB	.020	DCB

Total Area: 614930

Method File: /DATA/METHOD/TOXAPH_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1222 06Jul1994



Ceimic Corporation Pest/PCB Report

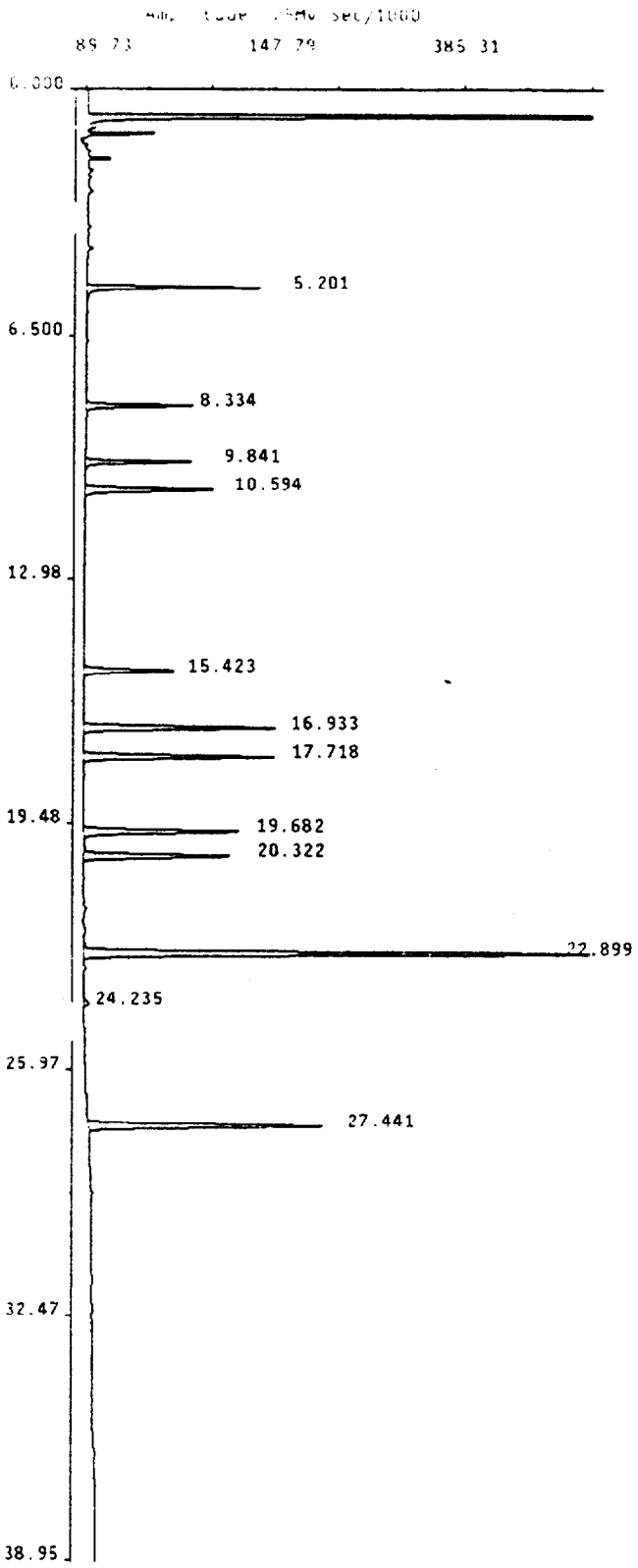
Sample Name : INDAMOB
Lab Id : INDAMOB
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL013.RES
Inject Time : 1954 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.96	73058	BB	.021	TCX
2	12.07	43434	BB	.022	ALPHA-BHC
3	13.87	47449	BB	.022	GAMMA-BHC
4	15.36	76098	BB	.021	HEPTACHLOR
5	21.02	55054	BB	.021	ENDOSULF. I
6	22.40	113281	BB	.042	DIELDRIN
7	24.04	101608	BB	.043	ENDRIN
8	24.53	88026	BB	.043	4,4'-DDD
9	25.85	100358	BB	.046	4,4'-DDT
10	29.76	345693	BB	.236	METHOXYCHLOR
11	30.42	4673	BB	.003	ENDRIN KETON
12	37.77	187674	BB	.043	DCB

Total Area: 1236405

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0845 17Jul1994

Xb
7/14/94



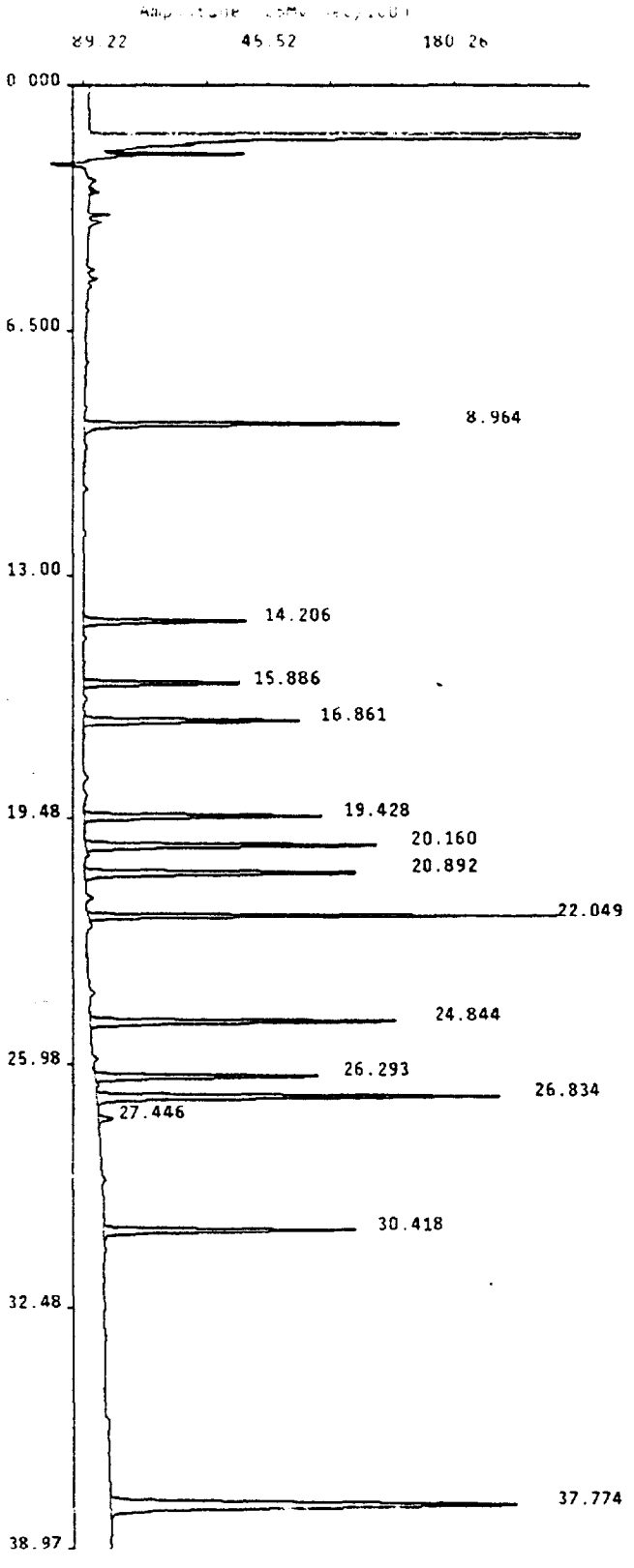
Ceimic Corporation Pest/PCB Report

Sample Name : INDAM1B
Lab Id : INDAM1B
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL013.RES
Inject Time : 1954 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.20	119739	BB	.020	TCX
2	8.33	77674	BB	.022	ALPHA-BHC
3	9.84	85063	BB	.022	GAMMA-BHC
4	10.59	113668	BB	.021	HEPTACHLOR
5	15.42	86353	BB	.021	ENDOSULF. I
6	16.93	175986	BB	.042	DIELDRIN
7	17.72	175820	BB	.043	ENDRIN
8	19.68	147398	BB	.042	4,4'-DDD
9	20.32	144685	BB	.046	4,4'-DDT
10	22.90	485032	BB	.231	METHOXYCHLOR
11	24.23	5594	BB	.002	ENDRIN KETON
12	27.44	230874	BB	.042	DCB
Total Area:		1847888			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0852 17Jul1994

XO
7/17/94



Ceimic Corporation Pest/PCB Report

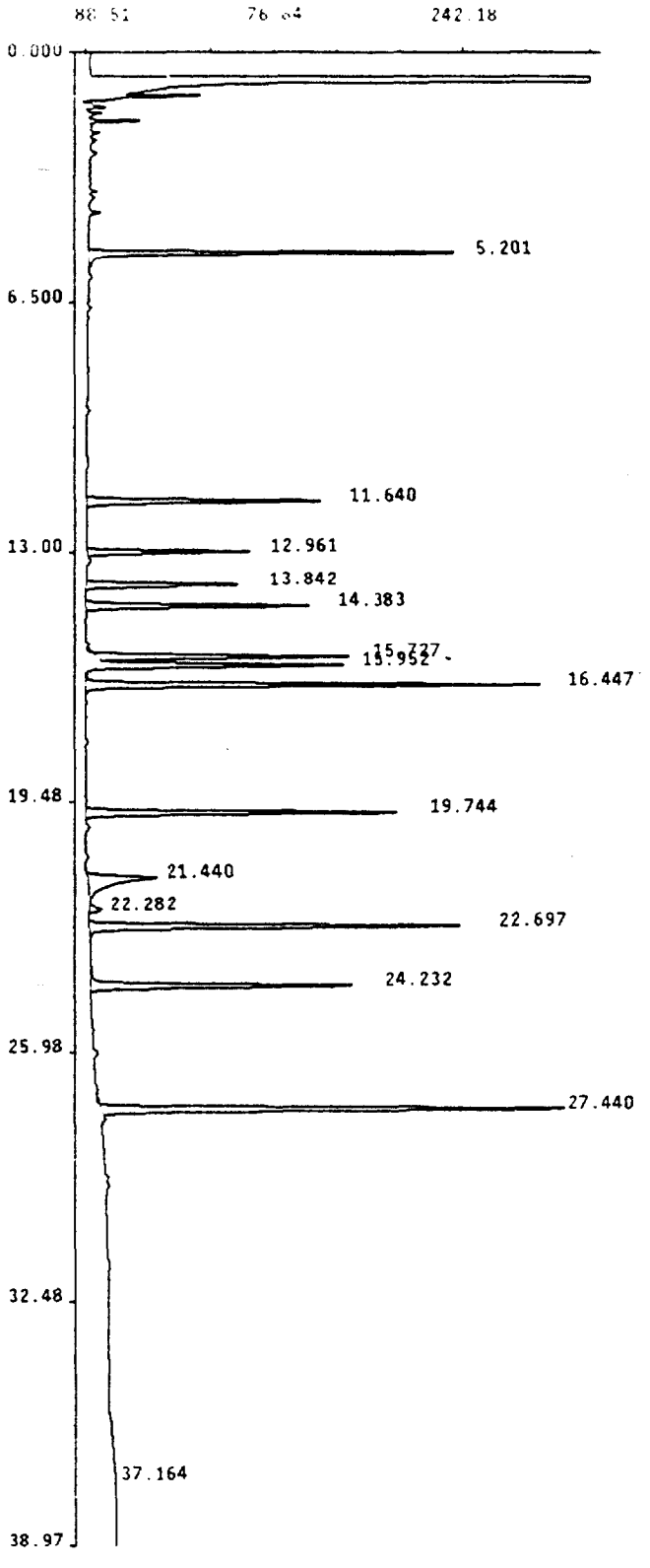
Sample Name : INDBM0B
Lab Id : INDBM0B
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL014.RES
Inject Time : 2038 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.96	81506	BB	.023	TCX
2	14.21	43742	BB	.023	BETA-BHC
3	15.89	41324	BB	.024	DELTA-BHC
4	16.86	65275	BB	.022	ALDRIN
5	19.43	70029	BB	.022	H. EPOXIDE
6	20.16	86308	BB	.022	G. CHLORDANE
7	20.89	87119	BB	.022	A. CHLORDANE
8	22.05	124239	BB	.045	4,4'-DDE
9	24.84	91526	BB	.046	ENDOSULF. II
10	26.29	63853	BB	.042	ENDRIN ALDEH
11	26.83	119186	BB	.046	ENDO. SULFAT
12	27.45	4971	BB	.004	
13	30.42	88250	BB	.049	ENDRIN KETON
14	37.77	203706	BB	.047	DCB

Total Area: 1171031

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0846 17Jul1994

Xb
7/14/94

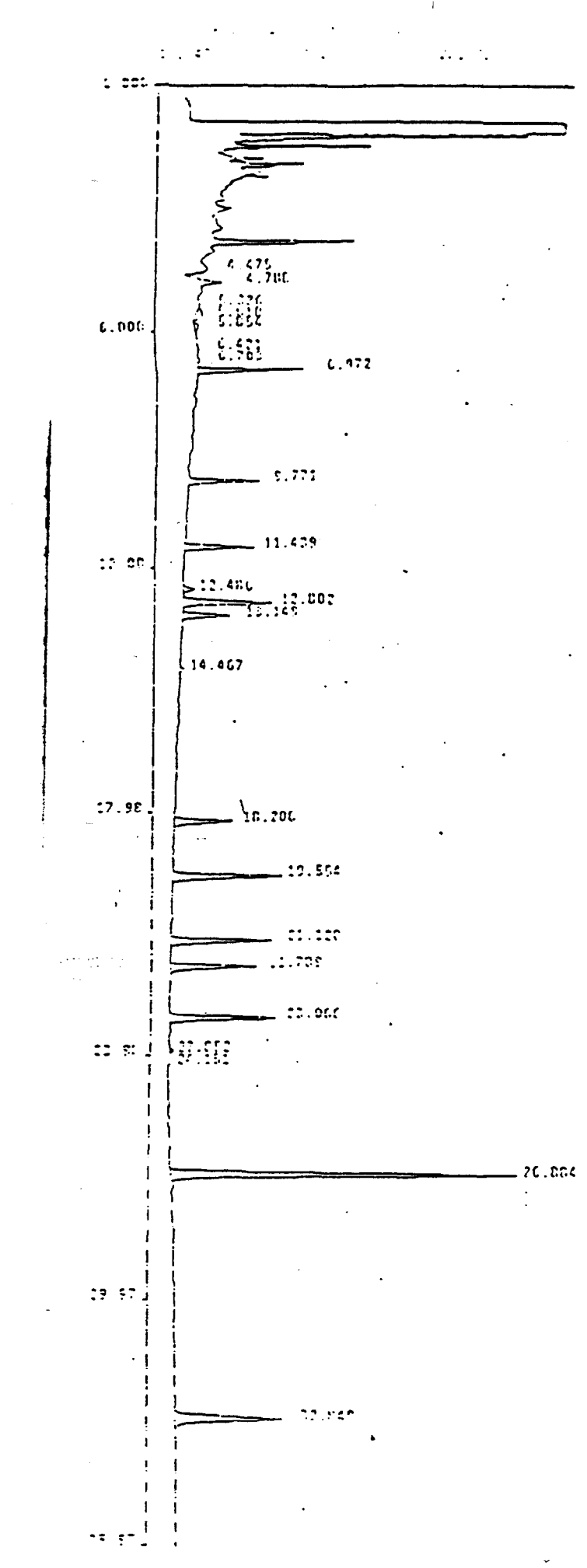


Ceimic Corporation Pest/PCB Report

Sample Name : INDBM1B
Lab Id : INDBM1B
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL014.RES
Inject Time : 2038 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.20	135092	BB	.023	TCX
2	11.64	107494	BB	.021	ALDRIN
3	12.96	68989	BB	.022	BETA-BHC
4	13.84	71692	BB	.023	DELTA-BHC
5	14.38	103668	BB	.022	H. EPOXIDE
6	15.73	115598	BB	.022	G. CHLORDANE
7	15.95	114579	BB	.022	A. CHLORDANE
8	16.45	211386	BB	.044	4,4'-DDE
9	19.74	149615	BB	.045	ENDOSULF. II
10	21.44	69865	BB	.042	ENDRIN ALDEH
11	22.28	7487	BB	.001	
12	22.70	185686	BB	.045	ENDO. SULFAT
13	24.23	135674	BB	.048	ENDRIN KETON
14	27.44	248634	BB	.045	DCB
15	37.16	9032	BB	.001	
Total Area:		1734491			

Method File: /DATA/METHOD/INDAB07.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0855 17Jul1994



Gaseous Chromatography Data/QC Report

Page 1

SF=1

Sample Name : FL01C793
Lab Id : FL1C793
Inst Id & Col : ADS_1, DB6DB
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : External STD
Result File : /DATA/RESULT/L9P17JAN011.RES
Inject Time : 1718 17Jan1994
Run Status : RunStatusOK
EndOffBaseline

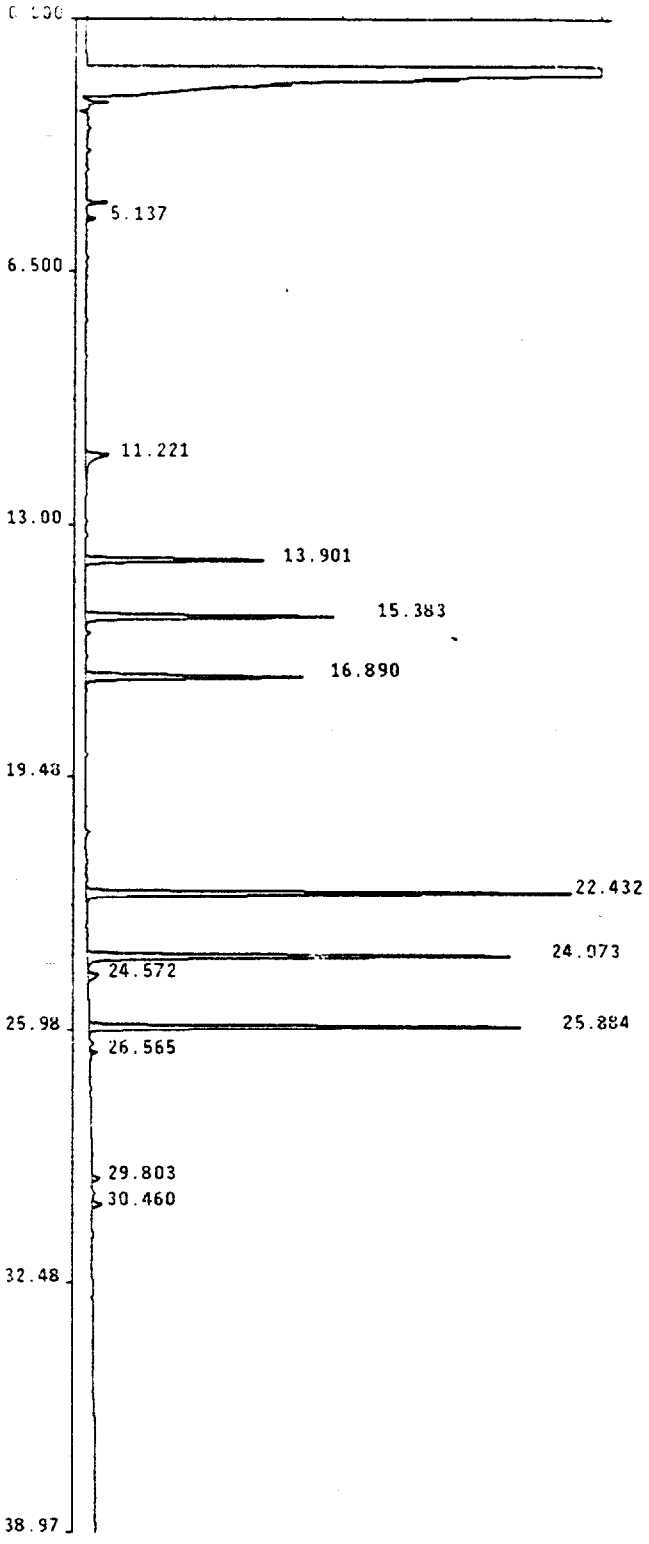
Multilevel : false
Application : Loop
Quantitation: AreaUnits

1-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.47	21857	BB	.005	
2	4.79	21528	BB	.005	
3	5.33	2035	BB	.000	
4	5.61	10331	BB	.002	
5	5.85	6060	BB	.001	
6	6.42	2694	BB	.001	
7	6.70	1881	BB	.000	
8	6.97	52784	BB	.009	TCX
9	9.77	38976	BB	.009	ALPHA-BHC
10	11.44	40261	BB	.009	GAMMA-BHC
11	12.49	7934	BB	.002	
12	12.80	60334	BB	.009	HEPTACHLOR
13	13.15	32404	BB	.007	
14	14.47	2702	BB	.001	
15	18.21	43340	BB	.010	ENDOSULF. I
16	19.55	75928	BB	.018	DIELDRIN
17	21.13	70944	BB	.019	ENDRIN
18	21.79	58819	BB	.018	4,4'-DDD
19	23.07	69265	BB	.019	4,4'-DDT
20	23.85	3183	BB	.001	[illegible]
21	24.15	1775	BB	.000	
22	26.80	221155	BB	.090	METHOXYCHLOR
23	32.05	107826	BB	.019	DCB

Total Area: 954016

Method File: /DATA/METHOD/INDAB09.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1349 18Jan1994



Ceimic Corporation Pest/PCB Report

Sample Name : GPC CHECK 1
Lab Id : CC0714-CK1
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL018.RES
Inject Time : 1145 17Jul1994
Run Status : NoReference
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.14	4185	BB	.003	
2	11.22	23429	BB	.019	
3	13.90	90733	BB	.043	GAMMA-BHC
4	15.38	147242	BB	.041	HEPTACHLOR
5	16.89	121532	BB	.040	ALDRIN
6	22.43	264887	BB	.099	DIELDRIN
7	24.07	229554	BB	.098	ENDRIN
8	24.57	7465	BB	.004	4,4'-DDD
9	25.88	224719	BB	.103	4,4'-DDT
10	26.57	2774	BB	.002	
11	29.80	4760	BB	.003	METHOXYCHLOR
12	30.46	5886	BB	.003	ENDRIN KETON

Total Area: 1127166

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1325 17Jul1994

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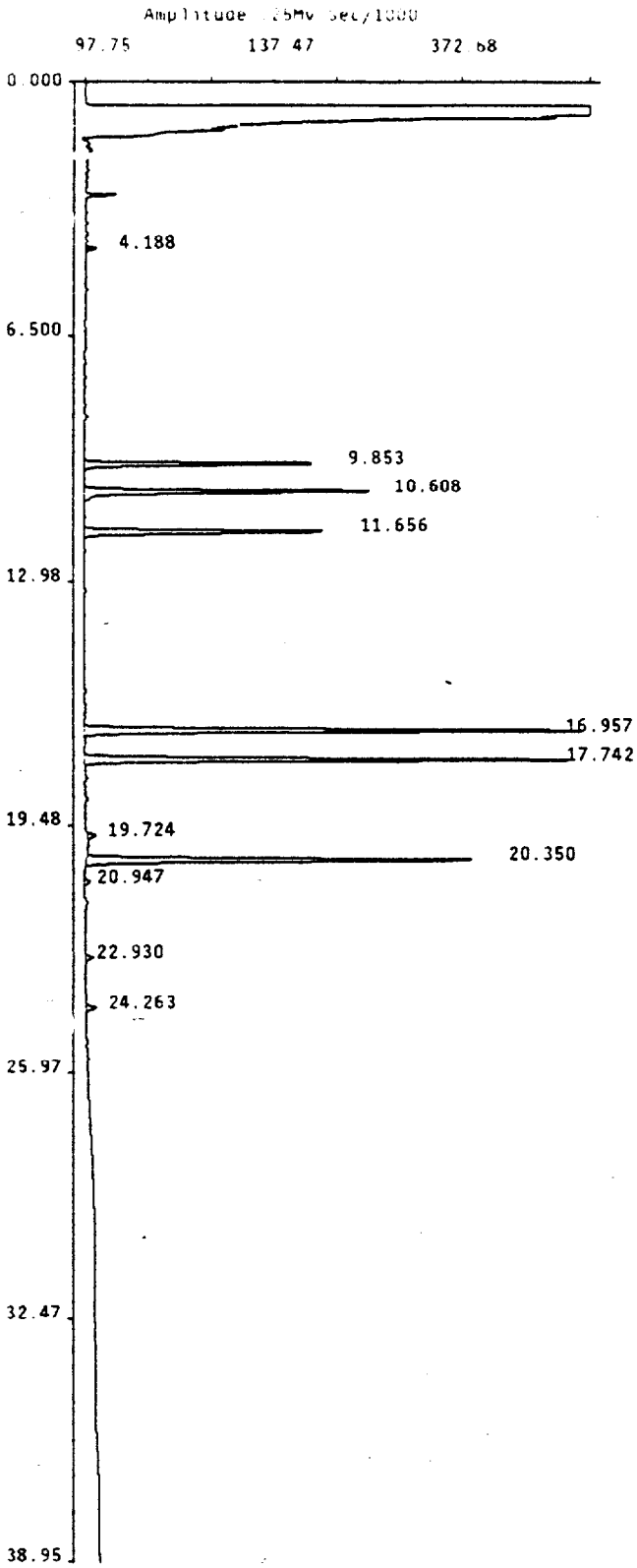
7/17/94



Ceimic Corporation Pest/PCB Report

Sample Name : GPC CHECK 1
Lab Id : CC0714-CK1
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL018.RES
Inject Time : 1145 17Jul1994
Run Status : NoReference
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.19	6489	BB	.001	
2	9.85	171434	BB	.043	GAMMA-BHC
3	10.61	233765	BB	.043	HEPTACHLOR
4	11.66	203768	BB	.041	ALDRIN
5	16.96	409302	BB	.098	DIELDRIN
6	17.74	396207	BB	.096	ENDRIN
7	19.72	7404	BB	.002	4,4'-DDD
8	20.35	327507	BB	.103	4,4'-DDT
9	20.95	4728	BB	.000	
10	22.93	7343	BB	.003	METHOXYCHLOR
11	24.26	9086	BB	.003	ENDRIN KETON
Total Area:		1777034			

Method File: /DATA/METHOD/INDAB07.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1325 17Jul1994

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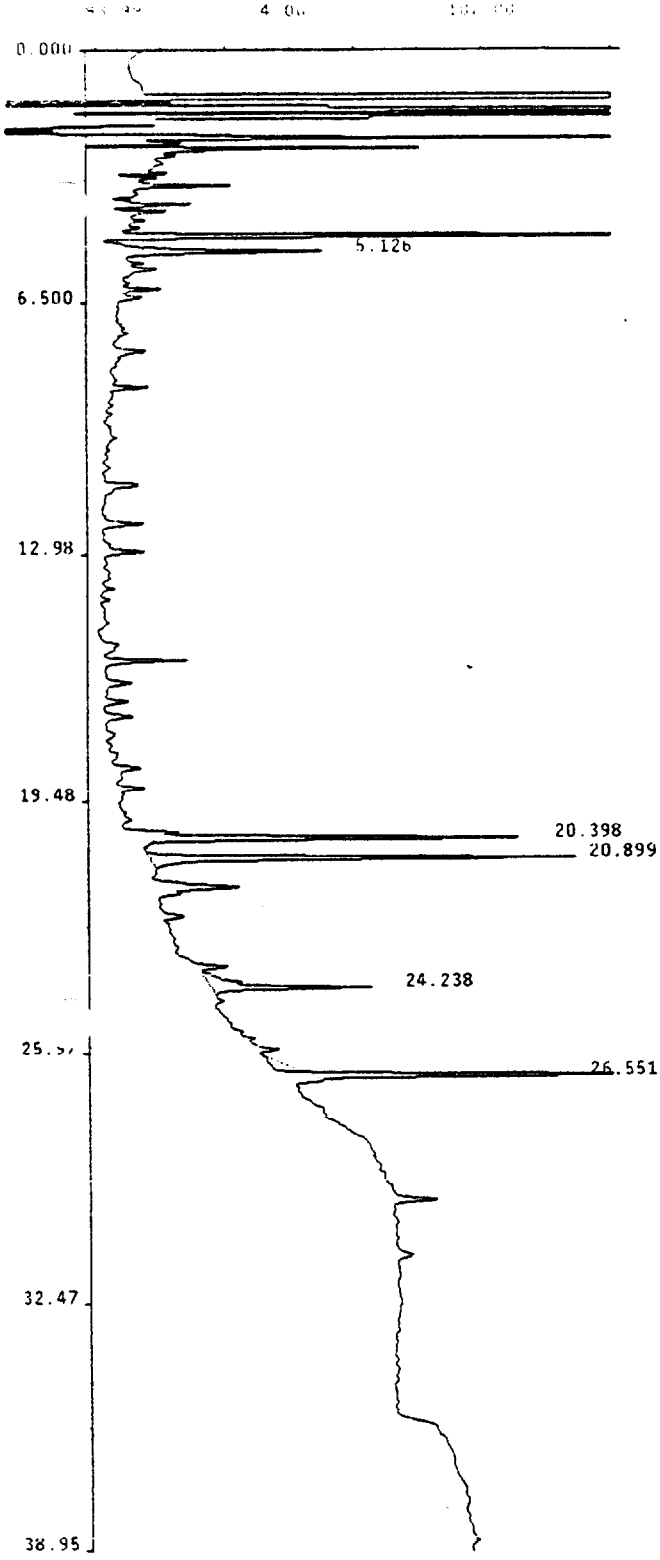
7/17/94



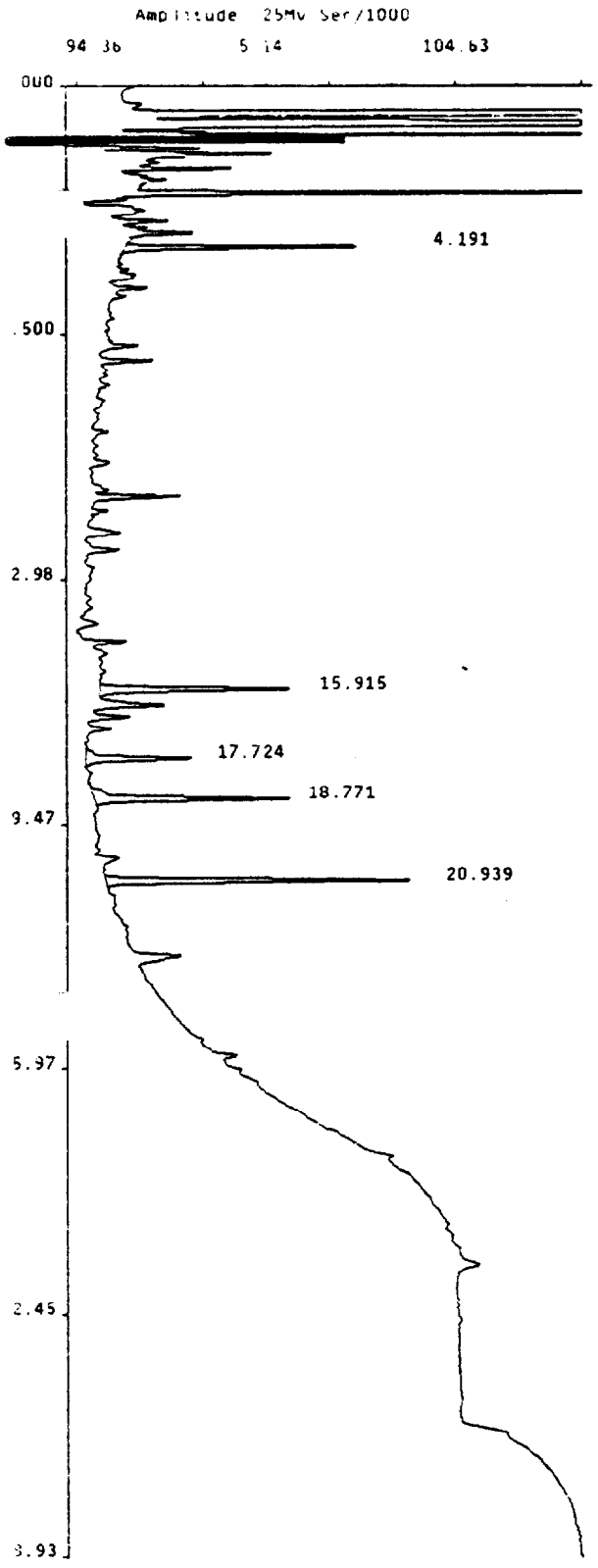
Ceimic Corporation Pest/PCB Report

Sample Name : PGPC BLANK
Lab Id : PGPC0713-B1Z
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P12JUL043.RES
Inject Time : 0718 14Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	5.13	3829	BB	.003	
2	20.40	8055	BB	.006	
3	20.90	11338	BB	.003	A. CHLORDANE
4	24.24	5270	BB	.004	
5	26.55	5387	BB	.004	
Total Area:		33879			

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1143 16Jul1994

X0
7/16/94



Ceimic Corporation Pest/PCB Report

Sample Name : PGPC BLANK
Lab Id : PGPC0713-81Z
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P12JUL043.RES
Inject Time : 0718 14Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	4.19	6222	BB	.001	
2	15.91	6945	BB	.001	A. CHLORDANE
3	17.72	4204	BB	.001	ENDRIN
4	18.77	7308	BB	.001	
5	20.94	10240	BB	.001	
Total Area:		34919			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1143 16Jul1994

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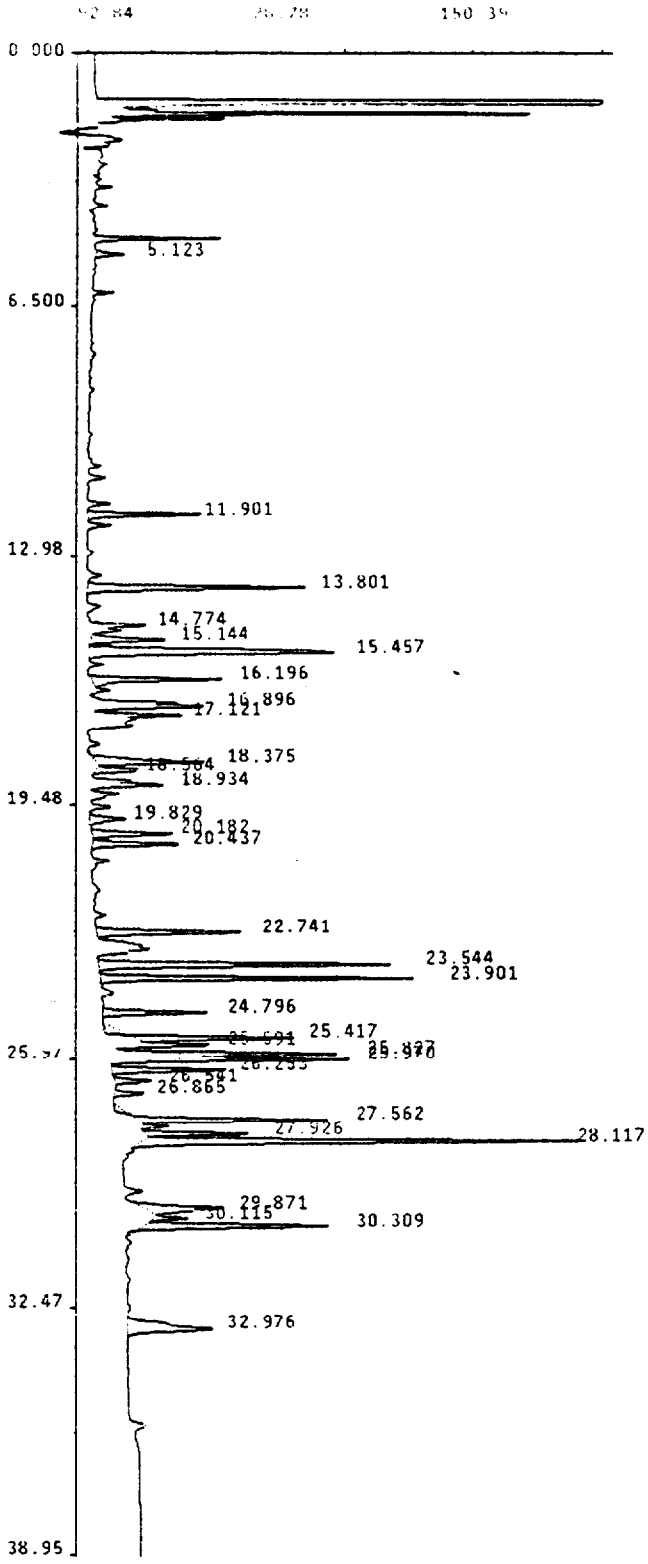


Cermic Corporation Pest/PCB Report

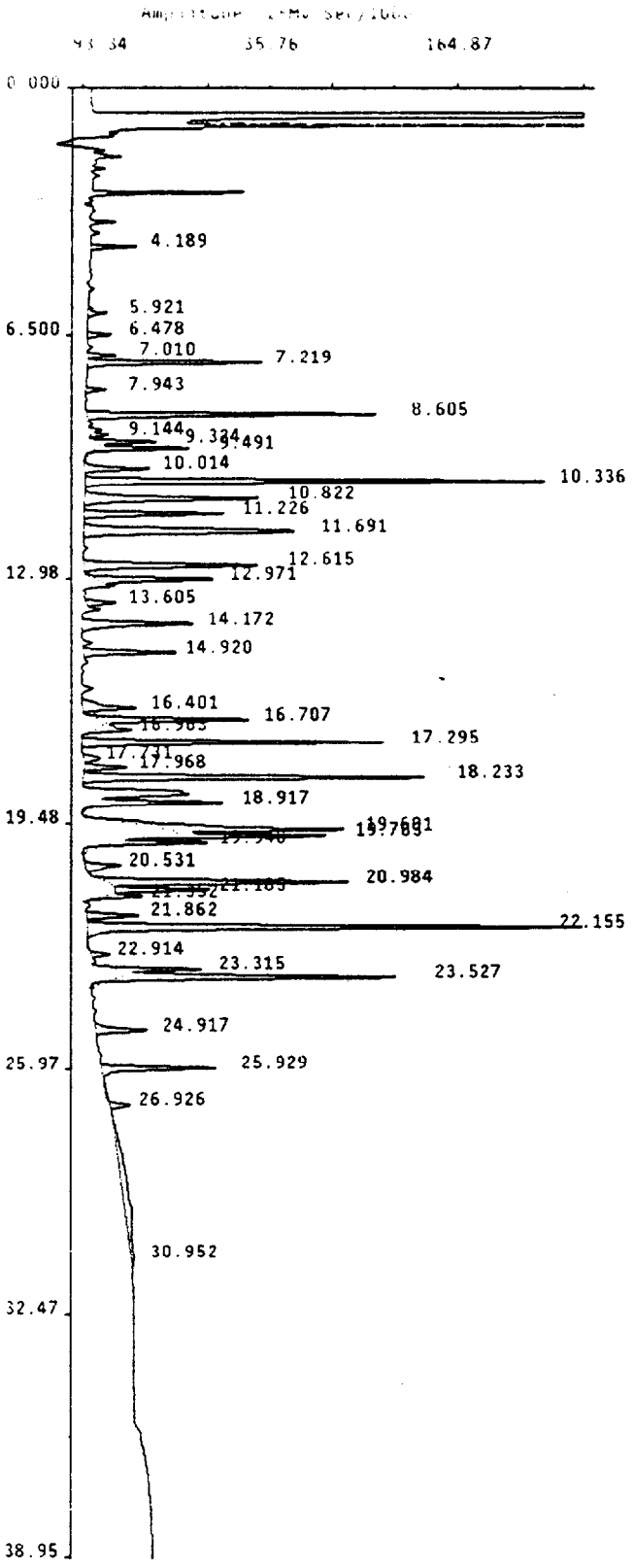
Sample Name : GPC CHECK 2
Lab Id : CC0713-CK2Z
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P12JUL045.RES
Inject Time : 0845 14Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	5.12	4234	BB	.000	
2	11.90	17248	BB	.160	ARO-1016
3	13.80	41221	BB	.153	ARO-1016-2
4	14.77	6075	BB	.001	
5	15.14	14557	BB	.162	ARO-1016-3
6	15.46	62038	BB	.167	ARO-1016-4
7	16.20	23019	BB	.162	ARO-1016-5
8	16.90	7761	BB	.001	
9	17.12	9899	BB	.001	
10	18.37	23326	BB	.002	
11	18.56	6280	BB	.001	
12	18.93	6427	BB	.001	
13	19.83	7236	BB	.001	
14	20.18	14635	BB	.001	
15	20.44	15438	BB	.001	
16	22.74	26651	BB	.140	ARO-1260
17	23.54	53494	BB	.140	ARO-1260-2
18	23.90	55201	BB	.142	ARO-1260-3
19	24.80	17975	BB	.002	
20	25.42	20572	BB	002	
21	25.59	11789	BB	.001	
22	25.83	23410	BB	.002	
23	25.97	22339	BB	.002	
24	26.25	20027	BB	.002	
25	26.54	6127	BB	.001	
26	26.87	4850	BB	.000	
27	27.56	28502	BB	.003	
28	27.93	15544	BB	.001	
29	28.12	79099	BB	.165	ARO-1260-4
30	29.87	18847	BB	.002	
31	30.12	4581	BB	.000	
32	30.31	32125	BB	.146	ARO-1260-5
33	32.98	29415	BB	.003	

Total Area: 729942

Method File: /DATA/METHOD/AR1660_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1146 16Jul1994

X5
7/16/94



Ceimic Corporation Pest/PCB Report

Sample Name : GPC CHECK 2
Lab Id : CC0713-CK2Z
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P12JUL045.RES
Inject Time : 0845 14Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	4.19	7272	BB	.001	
2	5.92	4721	BB	.000	
3	6.48	4745	BB	.000	
4	7.01	5346	BB	.000	
5	7.22	32990	BB	.180	ARO-1016
6	7.94	3947	BB	.000	
7	8.61	58960	BB	.156	ARO-1016-2
8	9.14	2515	BB	.000	
9	9.32	10690	BB	.001	
10	9.49	16011	BB	.001	
11	10.01	14610	BB	.001	
12	10.34	98348	BB	.163	ARO-1016-3
13	10.82	49305	BB	.004	
14	11.23	30191	BB	.003	
15	11.69	74704	BB	.156	ARO-1016-4
16	12.61	46408	BB	.159	ARO-1016-5
17	12.97	27799	BB	.002	
18	13.60	6134	BB	.001	
19	14.17	30137	BB	.003	
20	14.92	21640	BB	.002	
21	16.40	16047	BB	.001	
22	16.71	33641	BB	.003	
23	16.96	8496	BB	.001	
24	17.30	69940	BB	.141	ARO-1260
25	17.73	4925	BB	.000	
26	17.97	9574	BB	.001	
27	18.23	81296	BB	.142	ARO-1260-2
28	18.92	26797	BB	.002	
29	19.60	50145	BB	.004	
30	19.76	30834	BB	.003	
31	19.94	11779	BB	.001	
32	20.53	11311	BB	.001	
33	20.98	57360	BB	.178	ARO-1260-3
34	21.18	19042	BB	.002	
35	21.35	6545	BB	.001	
36	21.86	12444	BB	.001	
37	22.15	123766	BB	.165	ARO-1260-4
38	22.91	3375	BB	.000	
39	23.31	16187	BB	.001	
40	23.53	65902	BB	.006	
41	24.92	13382	BB	.001	

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7/16/94

Sample Name : GPC CHECK 2
Lab Id : CC0713-CK2Z
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P12JUL045.RES
Inject Time : 0845 14Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
42	25.93	29574	BB	.189	ARO-1260-5
43	26.93	3582	BB	.000	
44	30.95	34704	BB	.003	
		1287122			

Total Area:

Method File: /DATA/METHOD/AR1660_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1147 16Jul1994

XB
7/16/94

PESTICIDES/PCBS

d. Raw QC Data

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) SOIL Lab Sample ID: P0715-B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

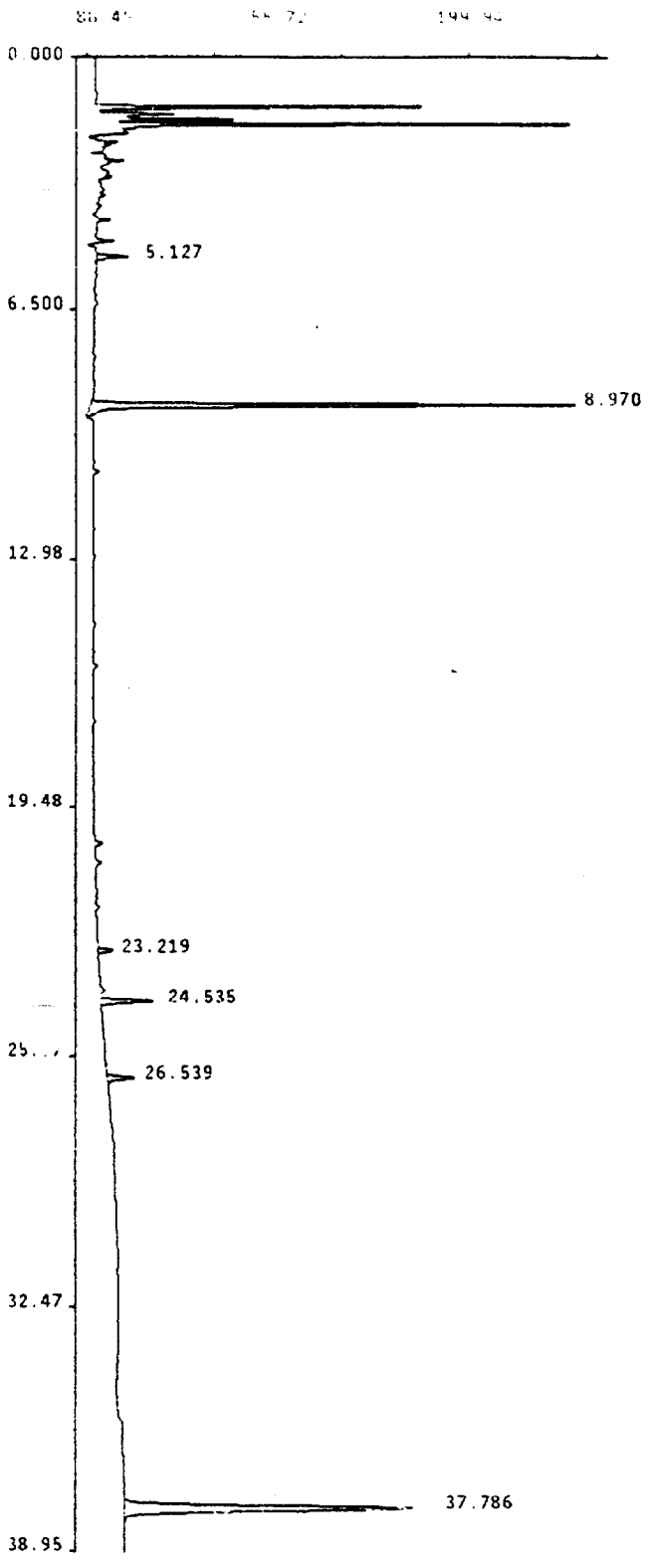
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/15/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U



Ceimic Corporation Pest/PCB Report

Sample Name : PBLK01
Lab Id : P0715-B1
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL003.RES
Inject Time : 1228 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.13	9142	BB	.007	
2	8.97	141277	BB	.040	TCX
3	23.22	5153	BB	.004	
4	24.53	17613	BB	.009	4,4'-DDD
5	26.54	8316	BB	.007	
6	37.79	172891	BB	.040	DCB

Total Area:		354392			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1555 16Jul1994

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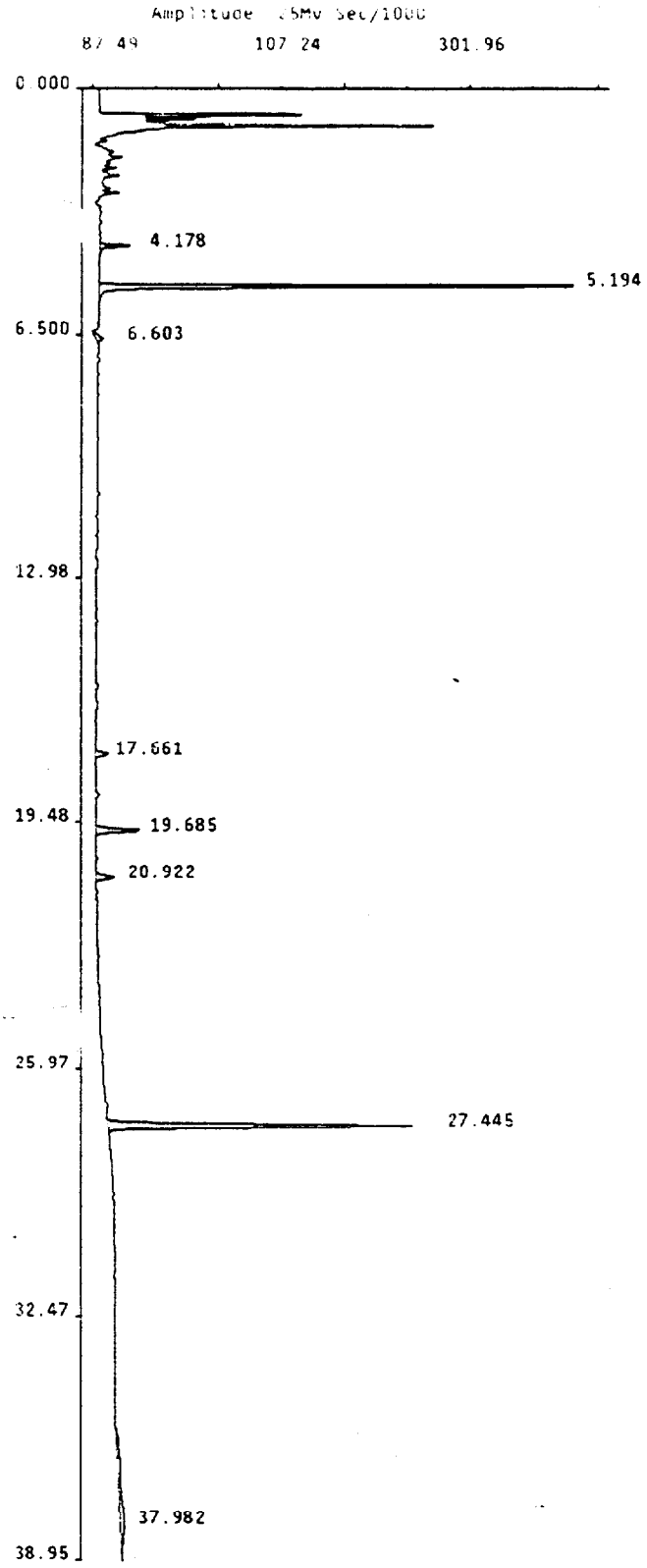
X
7/16/94



Ceimic Corporation Pest/PCB Report

Sample Name : PBLK01
Lab Id : P0715-B1
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL003.RES
Inject Time : 1228 16Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.18	15263	BB	.002	
2	5.19	228189	BB	.038	TCX
3	6.60	7341	BB	.001	
4	17.66	9172	BB	.002	~~ENDRIN~~
5	19.68	30255	BB	.009	~~4,4' DDD~~
6	20.92	12495	BB	.001	
7	27.44	218506	BB	.040	DCB
8	37.98	56342	BB	.006	
Total Area:		577562			

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HL 7-19-94

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1554 16Jul1994

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7/16/94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0A

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

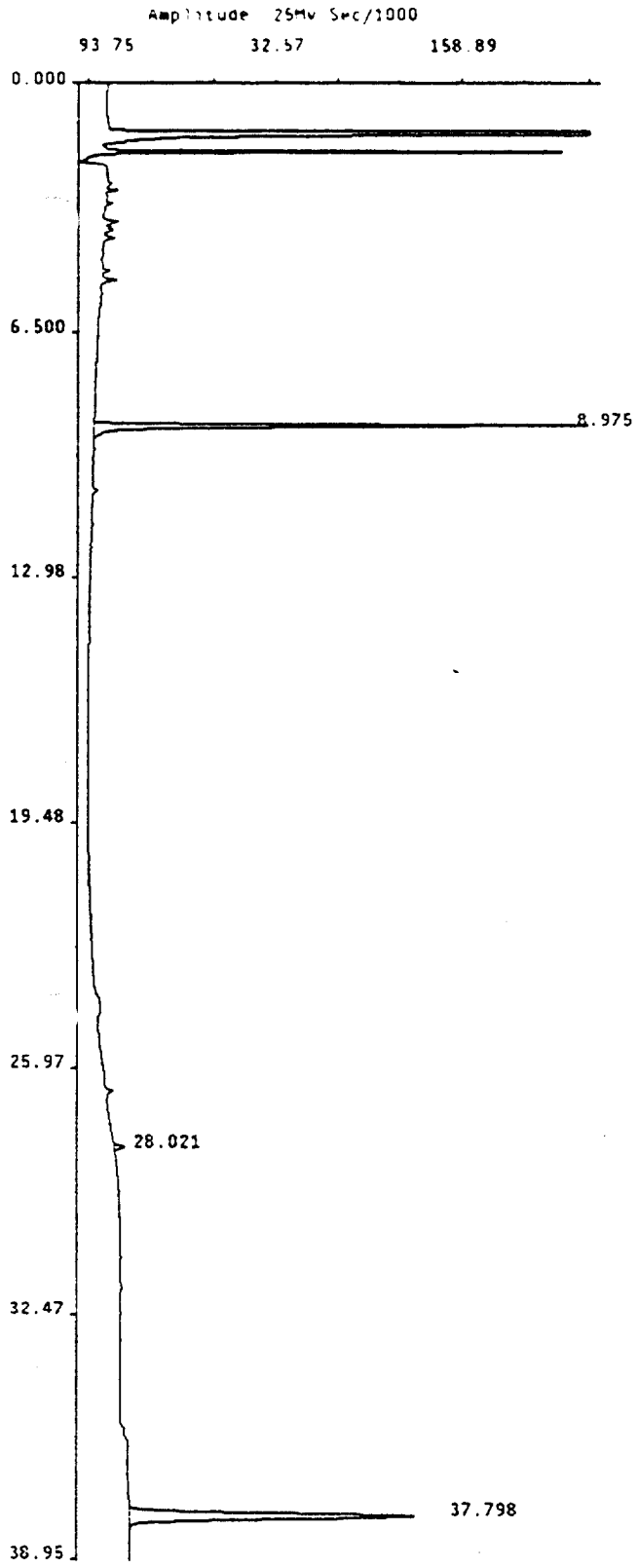
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK0A
Lab Id : PIBLK0A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL020.RES
Inject Time : 0920 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	85512	BB	.024	TCX
2	28.02	2304	BB	.002	
3	37.80	103389	BB	.024	DCB
		191205			

Total Area:

Method File: /DATA/METHOD/INDAB06.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1028 06Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0B

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

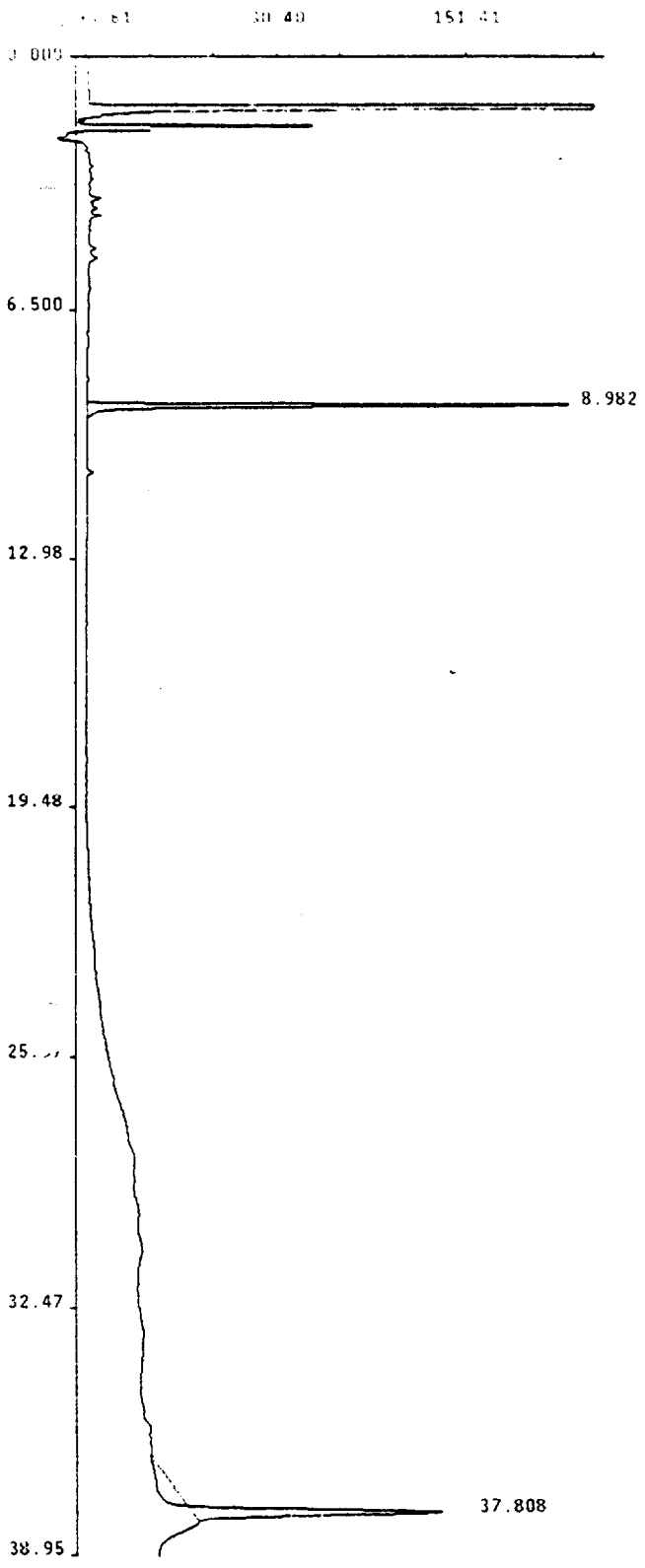
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK08
Lab Id : PIBLK08
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL001.RES
Inject Time : 1057 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.98	78242	BB	.022	TCX
2	37.81	51914	BB	.012	DCB

Total Area: 130157

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1222 16Jul1994

X-
7/16/94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0C

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

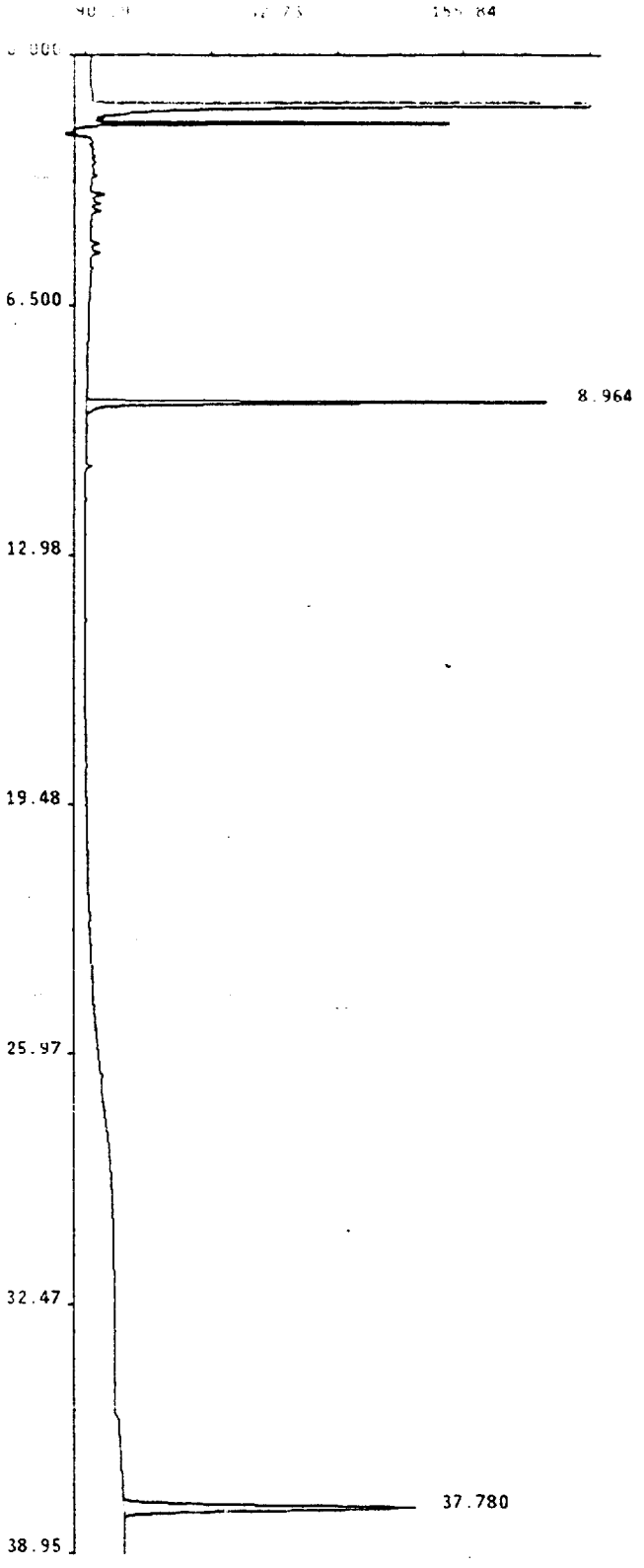
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLKOC
Lab Id : PIBLKOC
Inst Id & Col : AD6_1, 08608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL012.RES
Inject Time : 1911 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.96	83459	BB	.024	TCX
2	37.78	101804	BB	.023	DCB
		185263			

Total Area:

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0842 17Jul1994

X8

7/17/94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1A

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

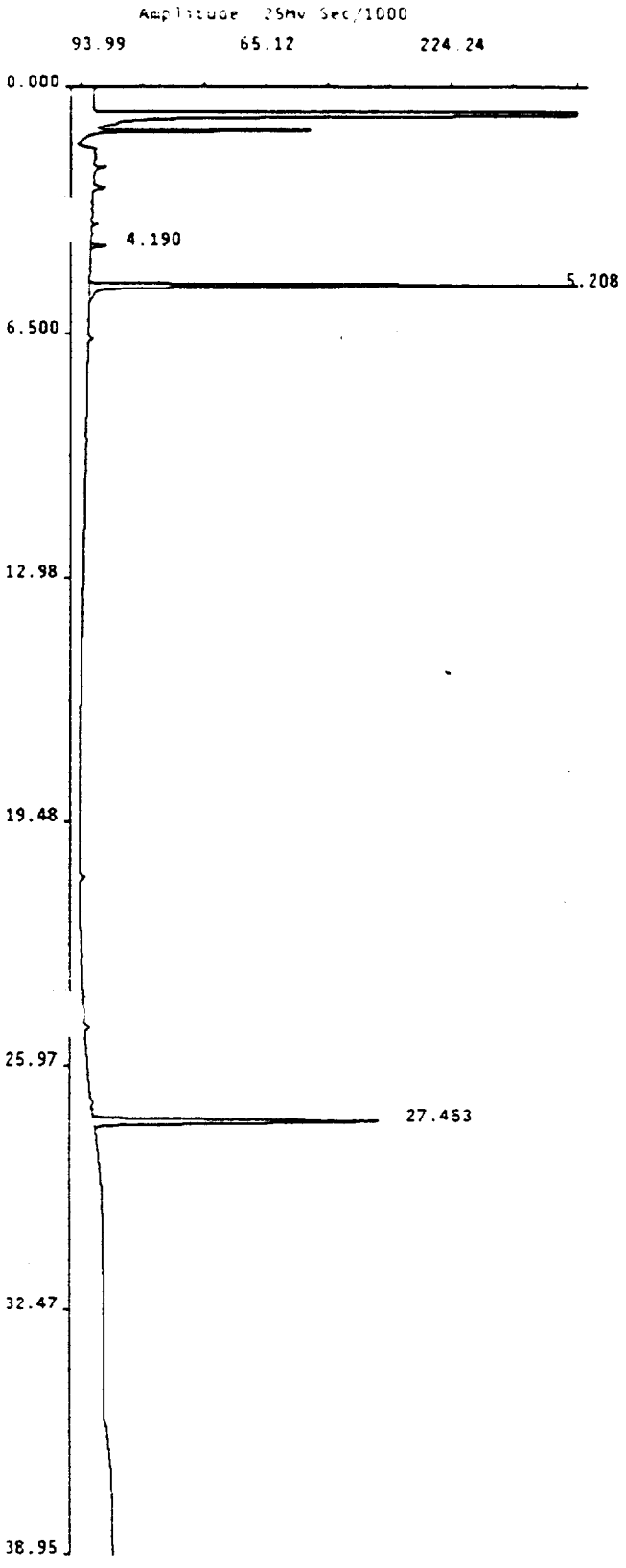
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Cejmic Corporation Pest/PCB Report

Sample Name : PIBLK1A
Lab Id : PIBLK1A .I
Inst Id & Col : AD7_1, 081701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL020.RES
Inject Time : 0920 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4338	BB	.000	
2	5.21	145404	BB	.025	TCX
3	27.45	132245	BB	.024	DCB

Total Area: 281987

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1145 06Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1B

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

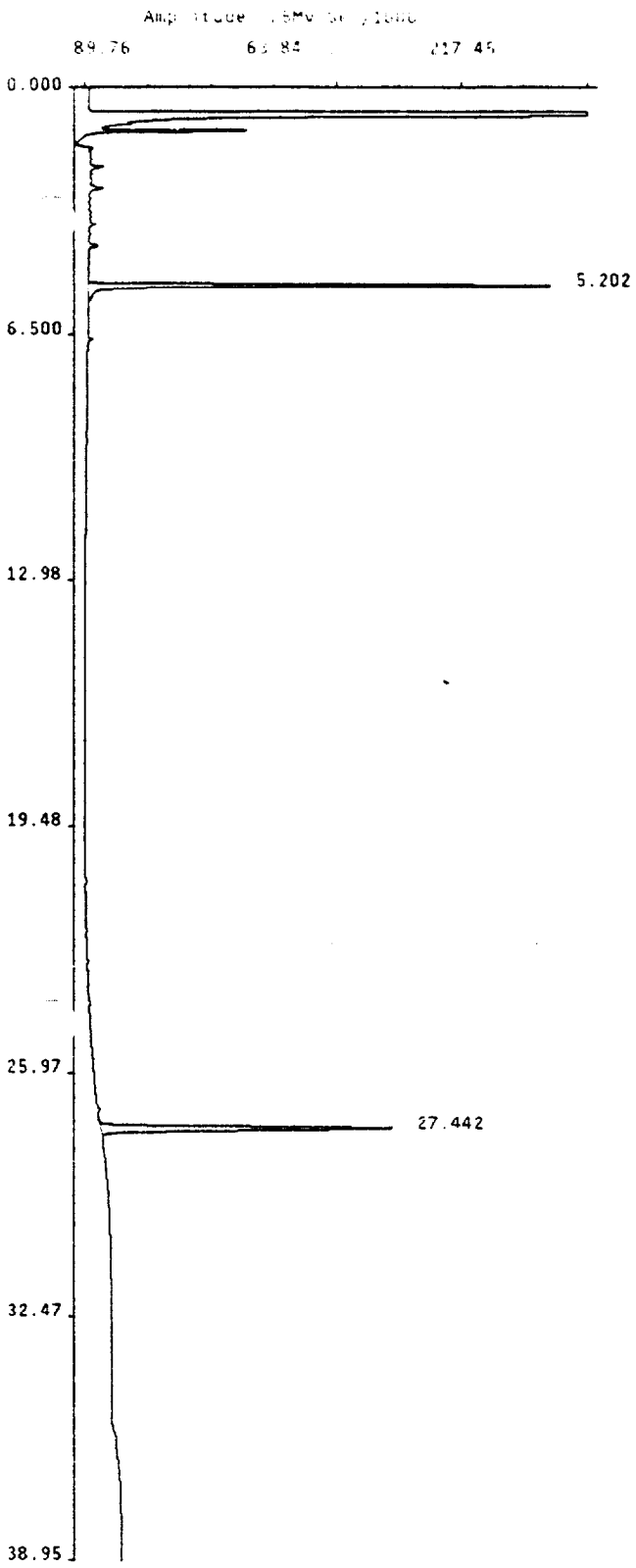
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1C
Lab Id : PIBLK1C
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL012.RES
Inject Time : 1911 16Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.20	136590	BB	.023	TCX
2	27.44	126052	BB	.023	DCB
		262642			

Total Area:

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0852 17Jul1994

Xb

7/18/94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1C

Lab Name: CEIMIC CORP Contract: _____

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: CSS01

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1C

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

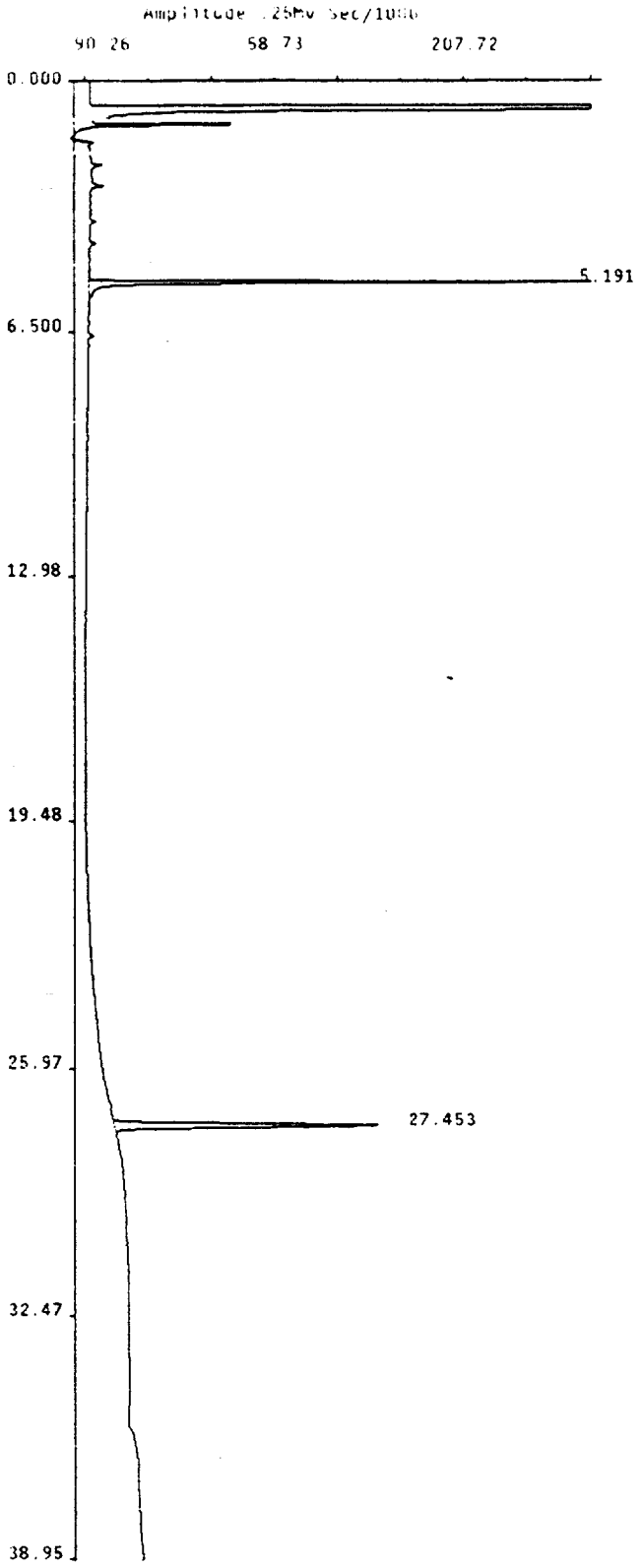
Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/16/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1B
Lab Id : PIBLK1B
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL001.RES
Inject Time : 1057 16Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.19	133349	BB	.022	TCX
2	27.45	106220	BB	.019	DCB
Total Area:		239570			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1223 16Jul1994

X.
7/16/94

GASOLINE RANGE ORGANICS

and

DIESEL RANGE ORGANICS

Modified 8015

GASOLINE AND DIESEL RANGE ORGANICS

Modified 8015

a. QC SUMMARY

DIESEL RANGE ORGANICS
Surrogate Recovery Summary

Client: OHM

Laboratory Name: Ceimic Corporation

Date Received: 7/14/94

Matrix: (soil/water) SOIL

Client ID	Laboratory ID	Recovery of p-Terphenyl-d14
CLJ2-CSS-01	940627-01	DL
CLJ2-CSS-02	940627-02	DL
QA/QC		
Method Blank	F0715-B1	66%
Laboratory Control Sample	F0715-LCS1	61%

DL = Diluted Out

DIESEL RANGE ORGANICS
Laboratory Control Sample

Client: OHM

Laboratory Name: Ceimic Corporation

Client Sample ID: Laboratory Control Sample

Laboratory ID: F0715-LCS1

Date Received: NA

Matrix: SOIL

Date Sample Analyzed: 7/15/94

Target Analyte	Spike Added	% Recovery
Diesel Fuel	500 µg	67%

NA = Not Applicable

GASOLINE AND DIESEL RANGE ORGANICS

Modified 8015

b. SAMPLE DATA

GASOLINE AND DIESEL RANGE ORGANICS
ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS-01

Lab Name: CEIMIC CORPORATION Contract:

Lab Code: CEIMIC Case No.: SAS No.: SDG No.: CLJ2-CSS-01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-01

% Moisture: 14 Lab File ID: BM101

Date Received: 7/14/94

GASOLINE RANGE ORGANICS

Sample wt/vol: 5.0 (g/mL) G Date Analyzed: 7/15/94

Level: (low/med) LOW Dilution Factor: 5.0

GC Column: DB-624 Soil Aliquot Volume: (uL)

	Concentration Units: (mg/kg (ppm)	Q
Gasoline Range Organics	85	

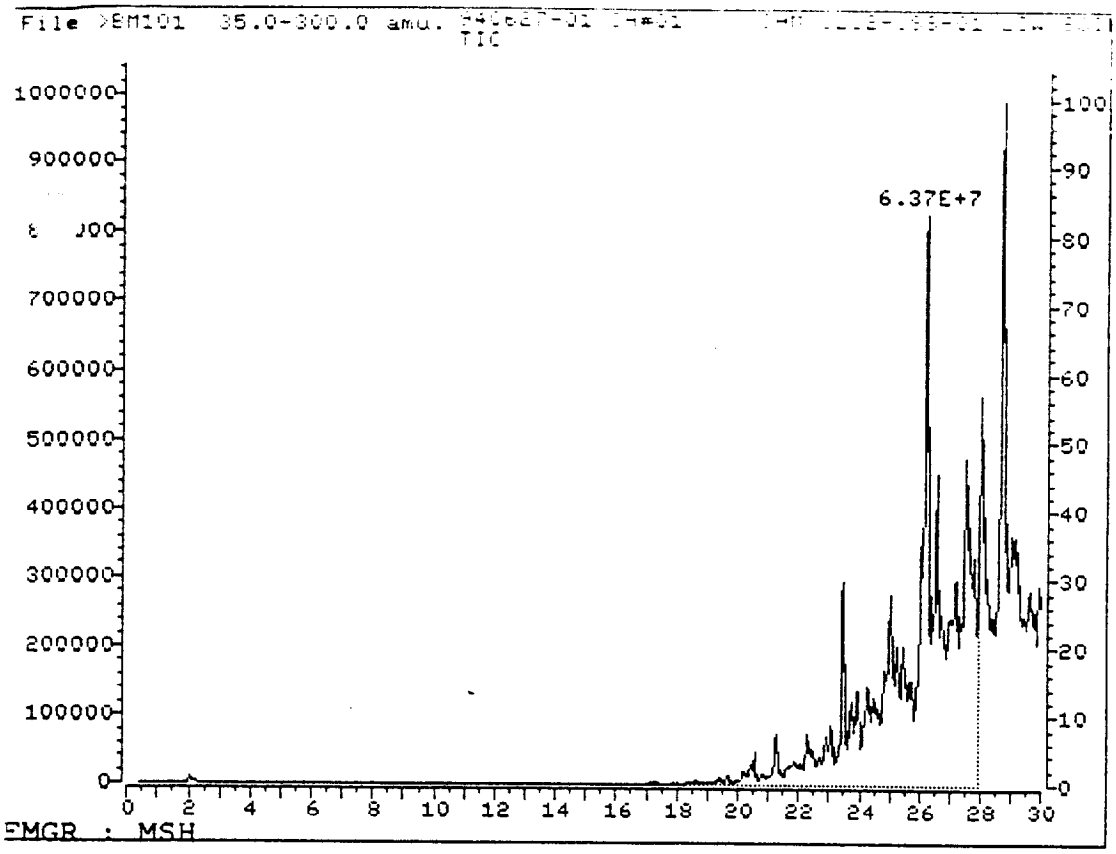
DIESEL RANGE ORGANICS

Sample wt/vol: 30g

Dilution Factor: 10 Date Analyzed: 7/15/94

GC Column: DB-5 Soil Aliquot Volume: 10ml

	Concentration Units: (mg/kg (ppm)	Q
Diesel Range Organics	13,000	~~Q~~ 135



MS data file header from : >BM101::D4

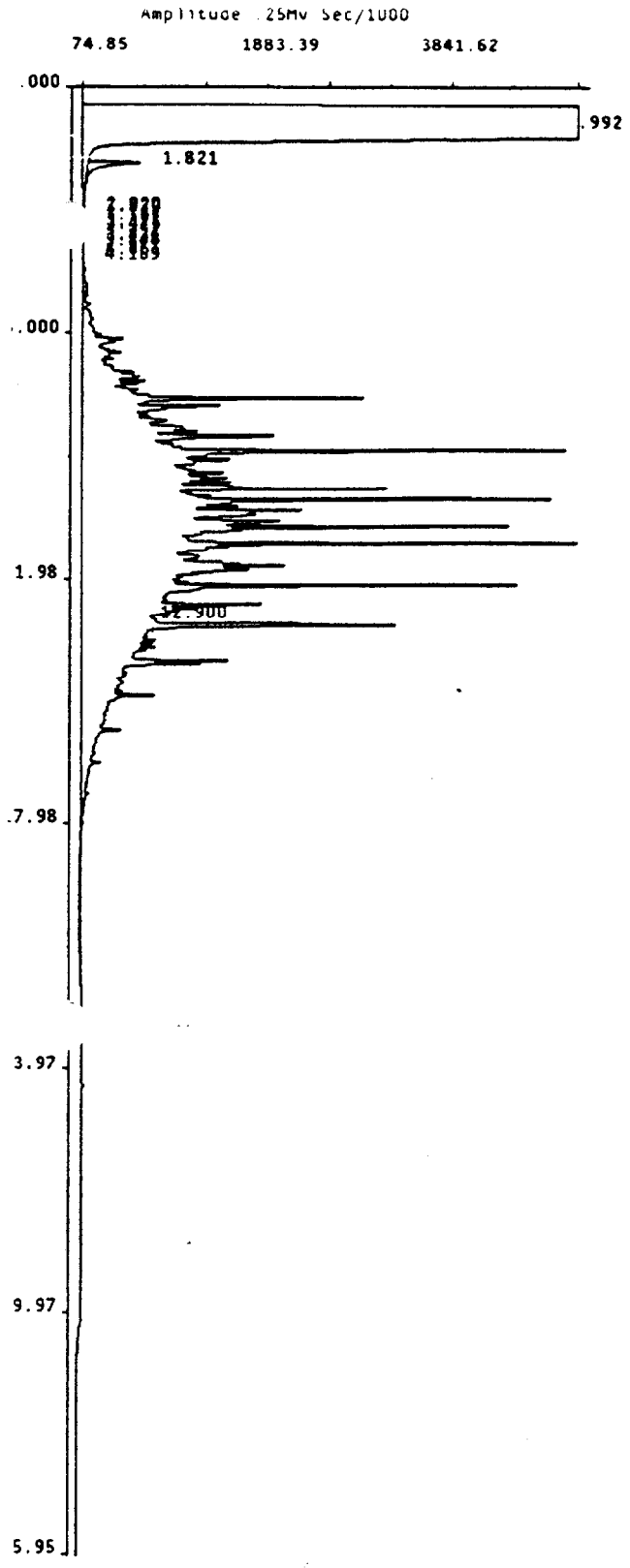
Sample: 940627-01 CH#01 Operator: VOA2 SUPER GRP. 7/15/94 14:23
Misc : OHM CLJ2-CSS-01 LOW SOIL 1g JHB
S . #: 1 MS model: 70 SW/HW rev.: LF ALS # : 0 Equip ID: MS2
Method file: MS2B Tuning file: TUNEB No. of extra records: 2
Source temp.: N/A Analyzer temp.: N/A Transfer line temp. : 0

Chromatographic temperatures :	45.	180.	0.	0.	0.
Chromatographic times, min. :	6.0	3.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	6.0	0.0	0.0	1.0	0.0

% Solid = 86X

$$\text{Conc} = \frac{6.37\times10^{7}}{\cancel{2170000}\ 2017000} \times 500\times \left(\frac{1}{.86}\right)\times 5 = \cancel{85000}\ 92{,}000\ \text{ppb}$$

7/19/94 JHB 07/15/94 7/19/94 G/C



Ceimic Corporation Pest/PCB Report

Sample Name : 940627-01 100X
Lab Id :
Inst Id & Col : AD21_1, DB5
Volume Injected: 1.00 uL Multilevel : True
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL028.RES
Inject Time : 1402 15Jul1994
Run Status : RunStatusOK
EndOffBaseline

HL 7-21-94

Pk #	RT	Area	Code	MASSng	Name
1	.99	36894264	HS	1.008	
2	1.82	69464	BT	.004	
3	2.92	38	BT	.000	
4	3.02	126	PT	.000	
5	3.17	138	PT	.000	
6	3.32	66	PT	.000	
7	3.43	194	PT	.000	
8	3.57	276	BT	.000	
9	3.73	64	VT	.000	
10	3.84	1285	VT	.000	
11	4.06	1002	PT	.000	
12	4.17	201	VT	.000	
13	12.90	10620686	BX	~~300.28~~	DRO 3468 ug/ml
		47587808			

Total Area:

Method File: /DATA/METHOD/DRO21A.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1205 21Jul1994

GASOLINE AND DIESEL RANGE ORGANICS
ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS-02

Lab Name: CEIMIC CORPORATION Contract:

Lab Code: CEIMIC Case No.: SAS No.: SDG No.: CLJ2-CSS-01

Matrix: (soil/water) SOIL Lab Sample ID: 940627-02

% Moisture: 13 Lab File ID: BM108

Date Received: 7/14/94

GASOLINE RANGE ORGANICS

Sample wt/vol: 5.0 (g/mL) G Date Analyzed: 7/15/94

Level: (low/med) LOW Dilution Factor: 5.0

GC Column: DB-624 Soil Aliquot Volume: (uL)

	Concentration Units: (mg/kg (ppm)	Q
Gasoline Range Organics	700	

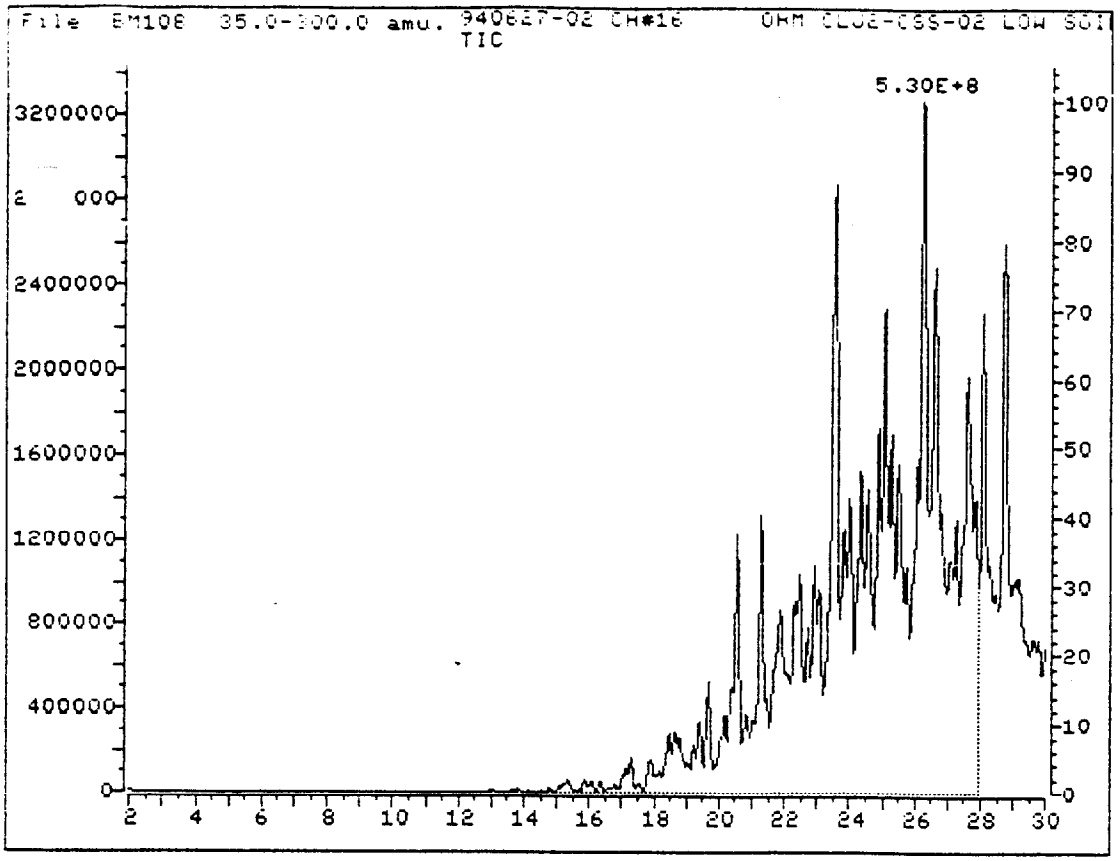
DIESEL RANGE ORGANICS

Sample wt/vol: 30g

Dilution Factor: 10 Date Analyzed: 7/15/94

GC Column: DB-5 Soil Aliquot Volume: 10ml

	Concentration Units: (mg/kg (ppm)	Q
Diesel Range Organics	25,000	138



MS data file header from : >BM108::D4

Sample: 940627-02 CH#16 Operator: VOA2 SUPER GRP. 7/15/94 20:03
Misc : OHM CLJ2-CSS-02 LOW SOIL 1.0g+QC7-3 JHB
[illegible]s. #: 1 MS model: 70 SW/HW rev.: LF ALS # : 0 Equip ID: MS2
Method file: MS2B Tuning file: TUNEB No. of extra records: 2
Source temp.: N/A Analyzer temp.: N/A Transfer line temp. : 0

Chromatographic temperatures : 45. 180. 0. 0. 0.

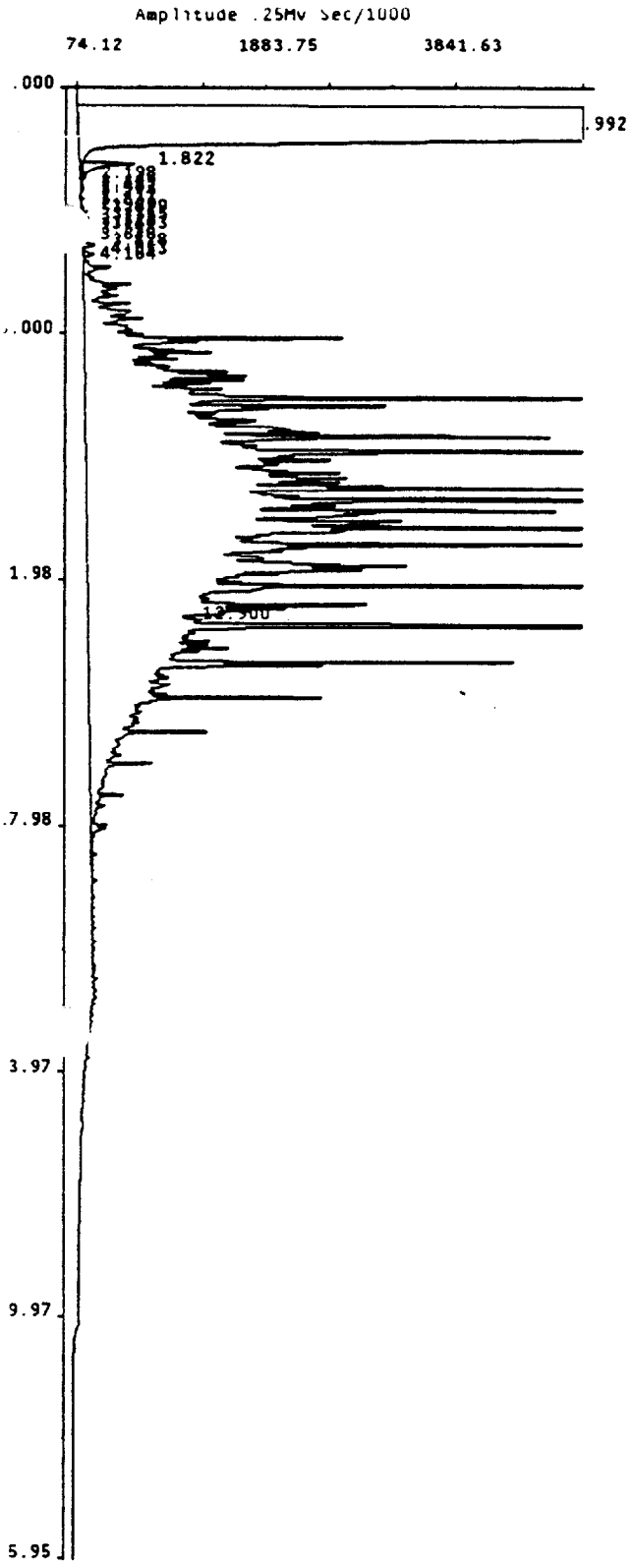
% Solid = 87 %

$$\text{Conc.} = \frac{5.3 \times 10^8}{2.017 \times 10^6} \times 500 \times \frac{1}{0.87} \times 5 = 755{,}076 \text{ ppb} = 750 \text{ ppm}.$$

~~2.07 × 10⁶~~ 7/19/94 q/c

139

07/18/94



Ceimic Corporation Pest/PCB Report

Sample Name : 940627-02 100X
Lab Id :
Inst Id & Col : AD21_1, DB5
VoTume Injected: 1.0U uL Multilevel : True
Peak Processor : Genie Application : Loop
CaTcuTation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL029.RES
Inject Time : 1442 15Jul1994
Run Status : RunStatusOK
EndOffBaseline

HC 7-21-94

Pk #	RT	Area	Code	MASSng	Name
1	.99	36998064	BS	1.011	
2	1.82	69051	BT	.004	
3	2.20	2434	VT	.000	
4	2.40	1984	PT	.000	
5	2.49	613	VT	.000	
6	2.53	363	PT	.000	
7	2.71	3417	PT	.000	
8	2.84	638	PT	.000	
9	2.92	2824	VT	.000	
10	3.02	5200	VT	.000	
11	3.17	4662	VT	.000	
12	3.23	867	VT	.000	
13	3.32	926	PT	.000	
14	3.42	6399	PT	.000	
15	3.53	2252	VT	.000	
16	3.67	6216	VT	.000	
17	3.83	15688	VT	.001	
18	4.05	12515	PT	.001	
19	4.16	1298	VT	.000	
20	12.90	19508056	RX	~~698.50~~	DRO
		56643456			

Total Area:

637 ug/ml

Method File: /DATA/METHOD/DRO21A.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1205 21Jul1994

GASOLINE RANGE ORGANICS

Modified 8015

c. STANDARDS DATA

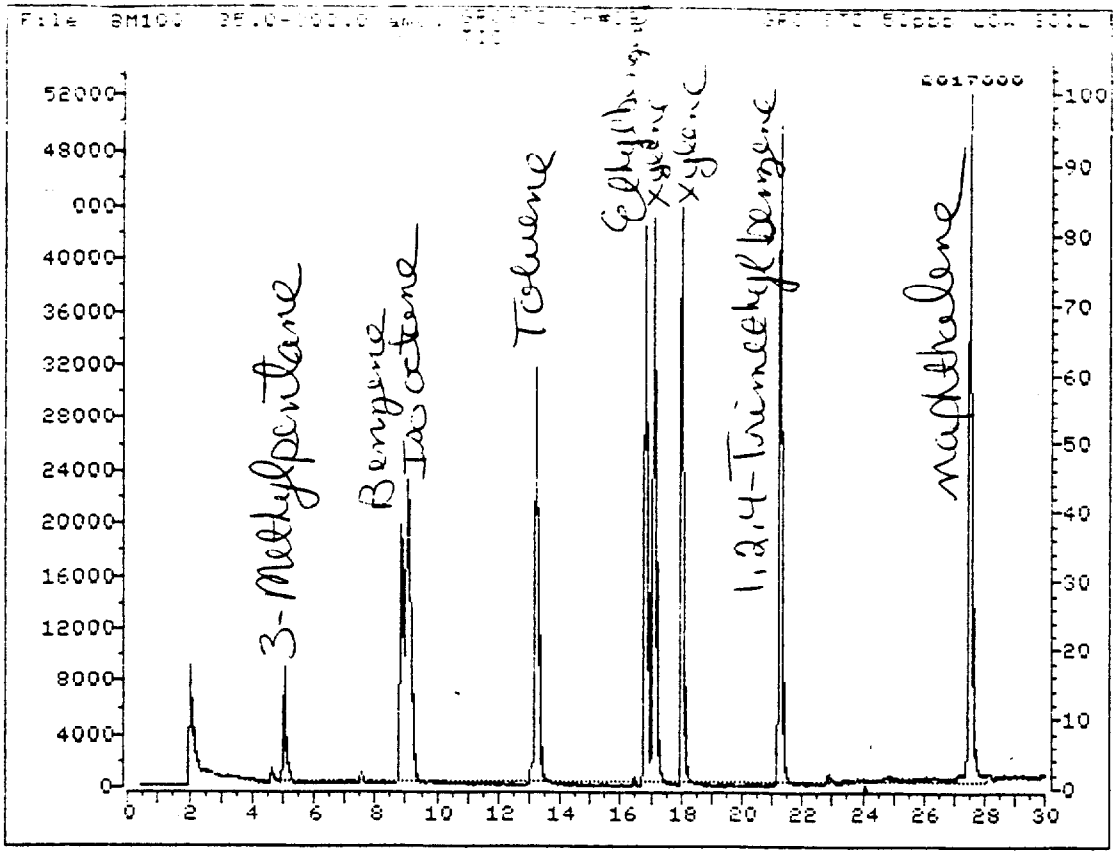
GASOLINE RANGE ORGANICS
Continuing Calibration

Lab Name: CEIMIC CORPORATION Contract:

Lab Code: CEIMIC Case No.: SAS No.: SDG No.: CLJ2-CSS-01

Matrix: (soil/water) SOIL

GASOLINE RANGE ORGANICS		
500 ppb	GRO Area = 2,017,000	
		CF
Calibration Factor		4,034



MS data file header from : >BM100::D4

Sample: GROSTD CH#09 Operator: VOA2 SUPER GRP. 7/15/94 13:18
Misc : GRO STD 50pbb LOW SOIL 5.0ml+QC7-73 JHB
Sys. #: 1 MS model: 70 SW/HW rev.: LF ALS # : 0 Equip ID: MS2
Method file: MS2B Tuning file: TUNEB No. of extra records: 2
Source temp.: N/A Analyzer temp.: N/A Transfer line temp. : 0

Chromatographic temperatures :	45.	180.	0.	0.	0.
Chromatographic times, min. :	6.0	3.0	0.0	0.0	0.0
Chromatographic rate, deg/min:	6.0	0.0	0.0	1.0	0.0

DIESEL RANGE ORGANICS

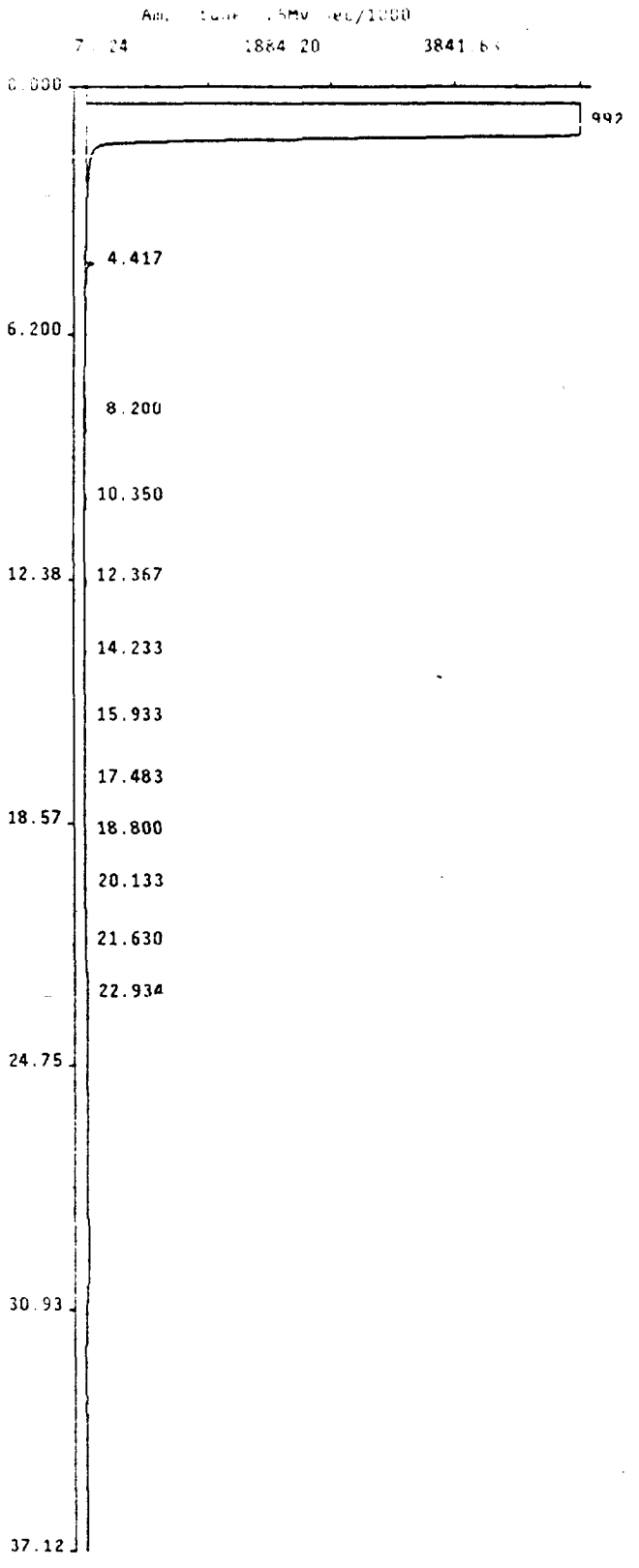
Modified 8015

d. STANDARDS DATA

ate -> 11:53 AM THU., 21 JULY, 1994
ethod File -> /DATA/METHOD/DRO21.MTH
nstrument -> AD_21

Compound	3 X RT SD	MEAN RF	% RSD RF	4JUL024.RES 2.0000	4JUL025.RES 20.0000	4JUL023.RES 200.0000
LVENT	.0432	.20230E-05	147.85	.54102E-07	.54995E-06	.54649E-05
0	.0250	.13145E-03	13.21	.14796E-03	.11335E-03	.13306E-03
2	1.0647	.14718E-03	12.87	.16339E-03	.12636E-03	.15180E-03
4	.5378	.17802E-03	11.34	.19295E-03	.15506E-03	.18607E-03
6	.3937	.23817E-03	11.29	.25013E-03	.20736E-03	.25701E-03
8	.3886	.34118E-03	14.49	.31470E-03	.31062E-03	.39820E-03
0	.4031	.63584E-03	8.85	.62573E-03	.58530E-03	.69647E-03
2	.4068	.12629E-02	7.74	.13010E-02	.11519E-02	.13358E-02
4	.2259	.21113E-02	14.84	.21575E-02	.17775E-02	.23989E-02
6	.2654	.30591E-02	19.61	.30361E-02	.24711E-02	.36701E-02
8	.7587	.42035E-02	18.77	.39312E-02	.35868E-02	.50924E-02
TAL ORO		.326591E-3	10.9	.349035-03 20ppm	.28531E-03 200ppm	.345426E-03 2000ppm

******* END OF REPORT ********



Ceimic Corporation Pest/PCB Report

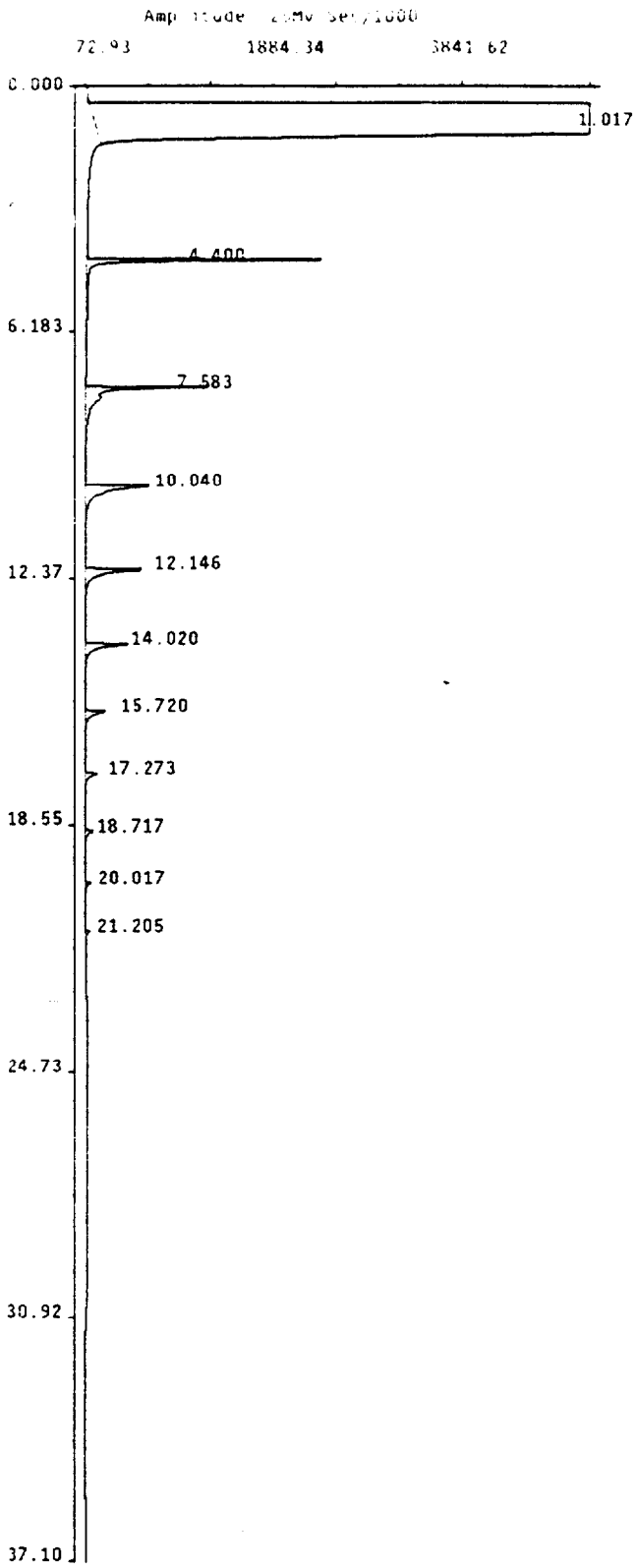
Sample Name : DRO 20 PPM TOTAL
Lab Id :
Inst Id & Col : AD21_1
Volume Injected: 1.0U uL Multilevel : True
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL024.RES
Inject Time : 1125 15Jul1994
Run Status : RunStatusOK
SpecialInteg

Pk #	RT	Area	Code	MASSng	Name
1	.99	36967544	BS	-471.5	SOLVENT
2	4.42	13518	FF	172	C10
3	8.20	12241	FF	-.076	C12
4	10.35	10365	FF	-.032	C14
5	12.37	7996	FF	-.374	C16
6	14.23	6355	FF	-.592	C18
7	15.93	3196	FF	.203	C20
8	17.48	1537	FF	.430	C22
9	18.80	927	FF	-1.419	C24
10	20.13	659	FF	-2.730	C26
11	21.63	509	FF	-1.576	C28
12	22.93	1059	BB	.000	

Total Area: 37025904

20ppm
Area: 57301
RF = 2865

Method File: /DATA/METHOD/DRO21.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1026 21Jul1994



Cetmic Corporation Pest/PCB Report

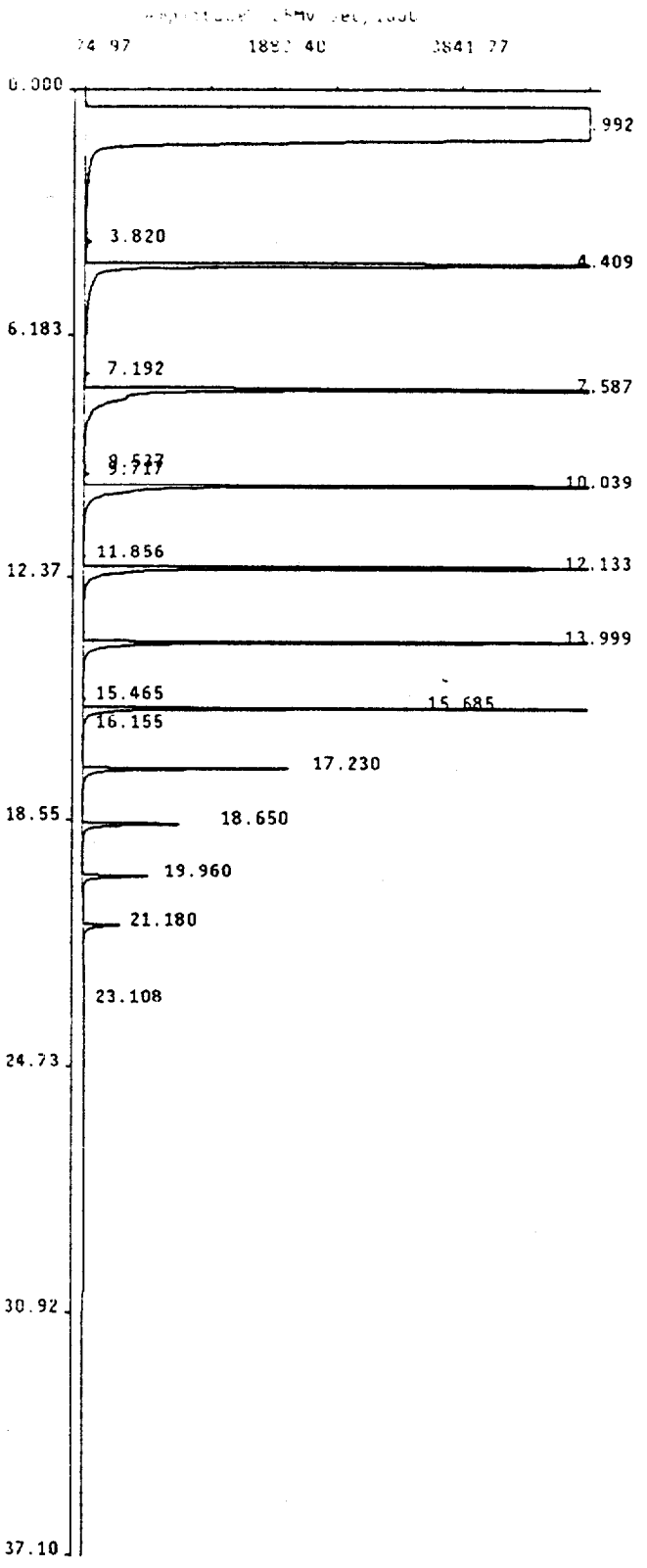
Sample Name : DRO 200 PPM TOTAL
Lab Id :
Inst Id & Col : AD21_1
Volume Injected: 1.0U uL Multilevel : True
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL025.RES
Inject Time : 1205 15Jul1994
Run Status : RunStatusOK
EndOffBaseline
SpecialInteg

Pk #	RT	Area	Code	MASSng	Name
1	1.02	36366656	FF	540.87	SOLVENT
2	4.40	176451	FF	22.010	C10
3	7.58	158272	FF	22.284	C12
4	10.04	128986	PT	22.235	C14
5	12.15	96451	PT	22.611	C16
6	14.02	64386	BT	22.851	C18
7	15.72	34170	PT	21.977	C20
8	17.27	17363	PT	21.727	C22
9	18.72	11251	FF	23.761	C24
10	20.02	8094	FF	25.203	C26
11	21.20	5576	PV	24.374	C28

Total Area: 37067640

200ppm
Area = 700984
RF = 3505

Method File: /DATA/METHOD/DRO21.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1026 21Jul1994



Ceimic Corporation Pest/PCB Report

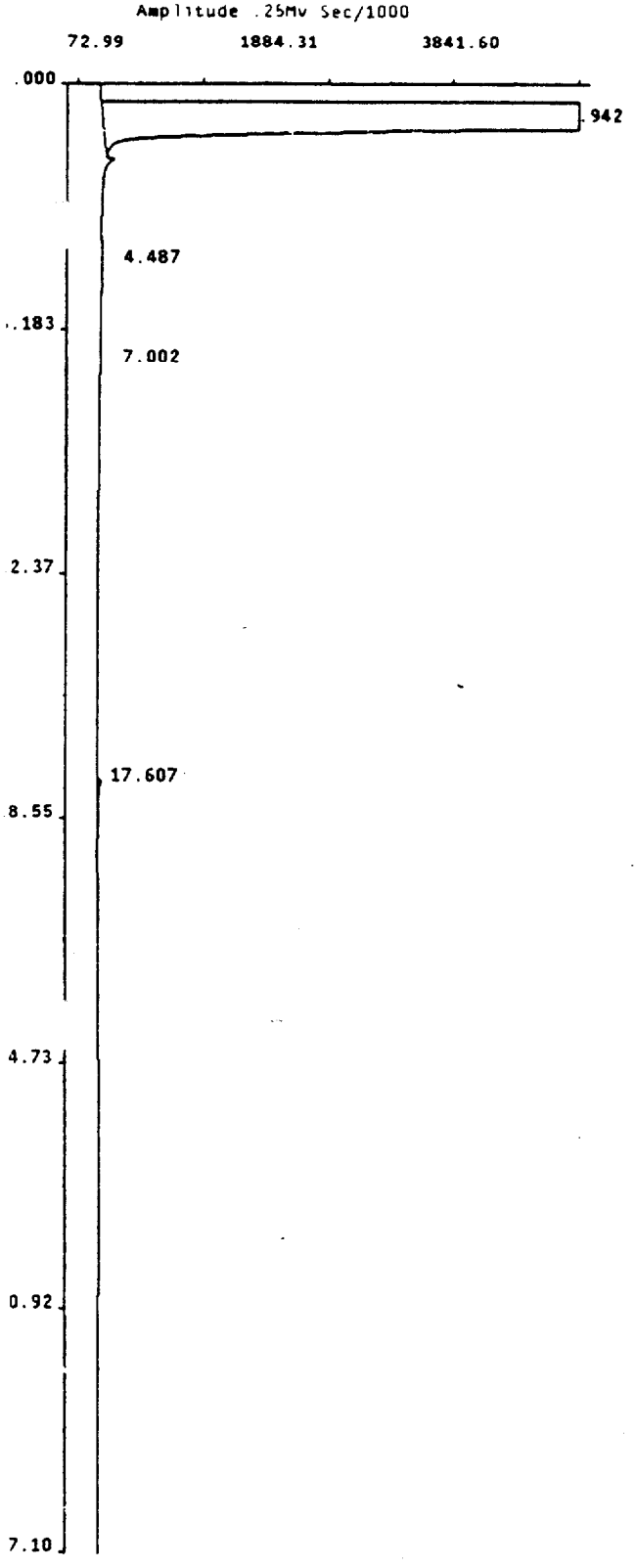
Sample Name : DRO 2000 PPM TOTAL
Lab Id :
Inst Id & Col : AD21_1
Volume Injected: 1.0U uL Multilevel : True
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL023.RES
Inject Time : 1046 15Jul1994
Run Status : RunStatusOK
EndOffBaseline
SpecialInteg

Pk #	RT	Area	Code	MASSng	Name
1	.99	36597080	HS	152.66	SOLVENT
2	3.82	6997	VT	.000	
3	4.41	1503071	HS	199.82	C10
4	7.19	3969	VT	.000	
5	7.59	1317552	HS	199.79	C12
6	9.54	1961	VT	.000	
7	9.72	3751	VT	.000	
8	10.04	1074863	HS	199.80	C14
9	11.86	1210	VT	.000	
10	12.13	778189	HS	199.76	C16
11	14.00	502259	HS	199.74	C18
12	15.47	1524	PT	.000	
13	15.68	287162	PT	199.82	C20
14	16.16	2708	VT	.000	
15	17.23	149719	PT	199.84	C22
16	18.65	83371	BV	199.66	C24
17	19.96	54495	PV	199.53	C26
18	21.18	39274	BV	199.60	C28
19	23.11	3575	VB	.000	

Total Area: 42412728

2000 PPM
Area=5789953
RF=2895

Method File: /DATA/METHOD/DRO21.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1027 21Jul1994



Geimic Corporation Pest/PCB Report

Sample Name : P-TERPHENYL-D14
Lab Id :
Inst Id & Col : AD21_1, DB5
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : Zero Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL026.RES
Inject Time : 1244 15Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	.94	34909504	BS	99.927	
2	4.49	334	BB	.001	
3	7.00	386	BB	.001	
4	17.61	24750	BB	~~.071~~	p-terphenyl d14 100ug

Total Area: 34934976

Method File: /DATA/METHOD/SYSMETH21.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1515 20Jul1994

GASOLINE AND DIESEL RANGE ORGANICS

Modified 8015

e. RAW QC DATA

GASOLINE AND DIESEL RANGE ORGANICS
ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKBA

Lab Name: CEIMIC CORPORATION Contract:

Lab Code: CEIMIC Case No.: SAS No.: SDG No.: CLJ2-CSS-01

Matrix: (soil/water) SOIL Lab Sample ID: V20715-B6

% Moisture: Lab File ID: BM107

Date Received:

GASOLINE RANGE ORGANICS

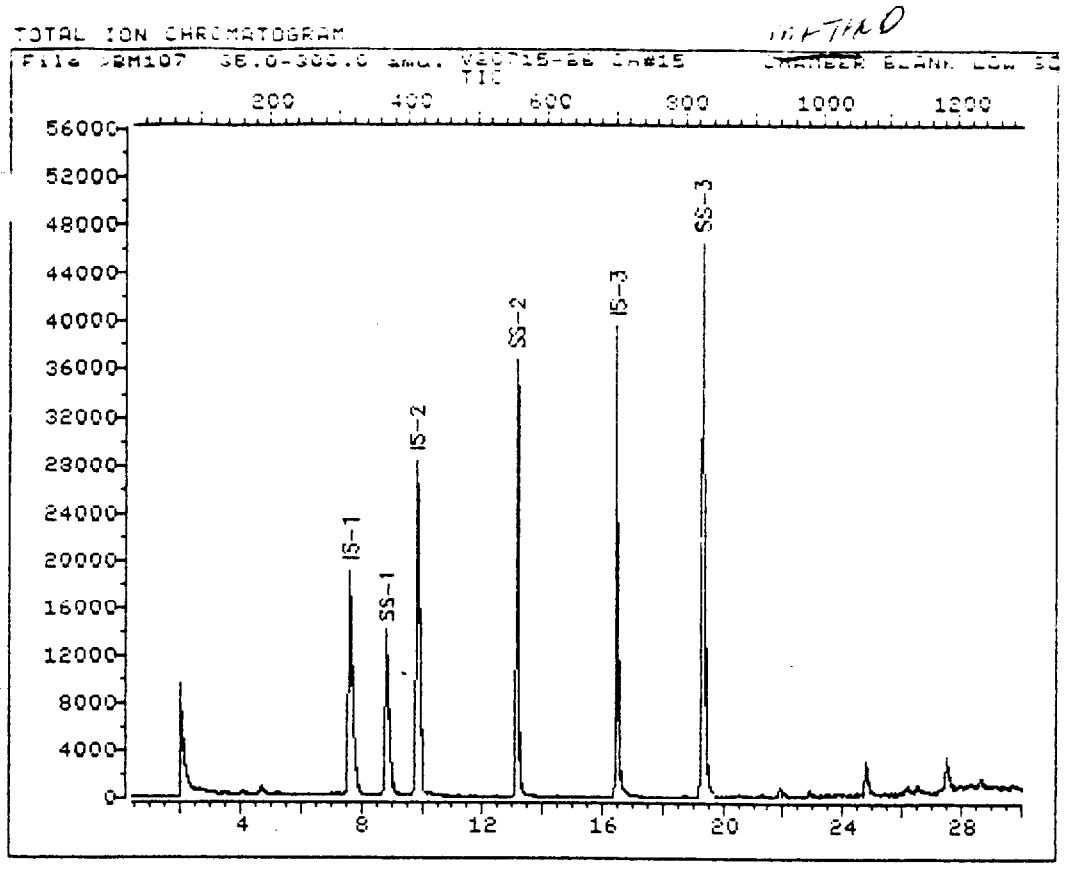
Sample wt/vol: 5.0 (g/mL) G Date Analyzed: 7/15/94

Level: (low/med) LOW Dilution Factor: 5.0

GC Column: DB-624 Soil Aliquot Volume: (uL)

	Concentration Units: (mg/kg (ppm)	Q
Gasoiine Range Organics	.05	U

FORM I



Data File: >BM107::D4 Quant Output File: ^BM107::QT
Name: V20715-B6 CH#15 Instrument ID: MS2
Misc: ~~CHAMBER~~ METHOD BLANK LOW SOIL 5.0ml+QC7-3 JHB

Id File: V2ID::D1
Title: VOLATILE ANALYSIS CLP-TCL DB624 75mx0.53mmIDx3um ID: MS2
Last Calibration: 910429 11:21 Last Qcal Time: 940715 09:25

Operator ID: VOA2
Quant Time : 940715 19:56 VBLKBA
Injected at: 940715 19:25

QC area

Total area = 1319810 − 1304463 = 15347

GRO = $\frac{15347}{\cancel{2,170,683}\ 2017000}$ × 500 = 3.8 ppb

7/19/94 of K

GASOLINE AND DIESEL RANGE ORGANICS
ANALYSIS DATA SHEET

EPA SAMPLE NO.

Method Blank

Lab Name: CEIMIC CORPORATION Contract:

Lab Code: CEIMIC Case No.: SAS No.: SDG No.: CLJ2-CSS-01

Matrix: (soil/water) SOIL Lab Sample ID: F0715-B1

% Moisture: Lab File ID:

Date Received:

DIESEL RANGE ORGANICS

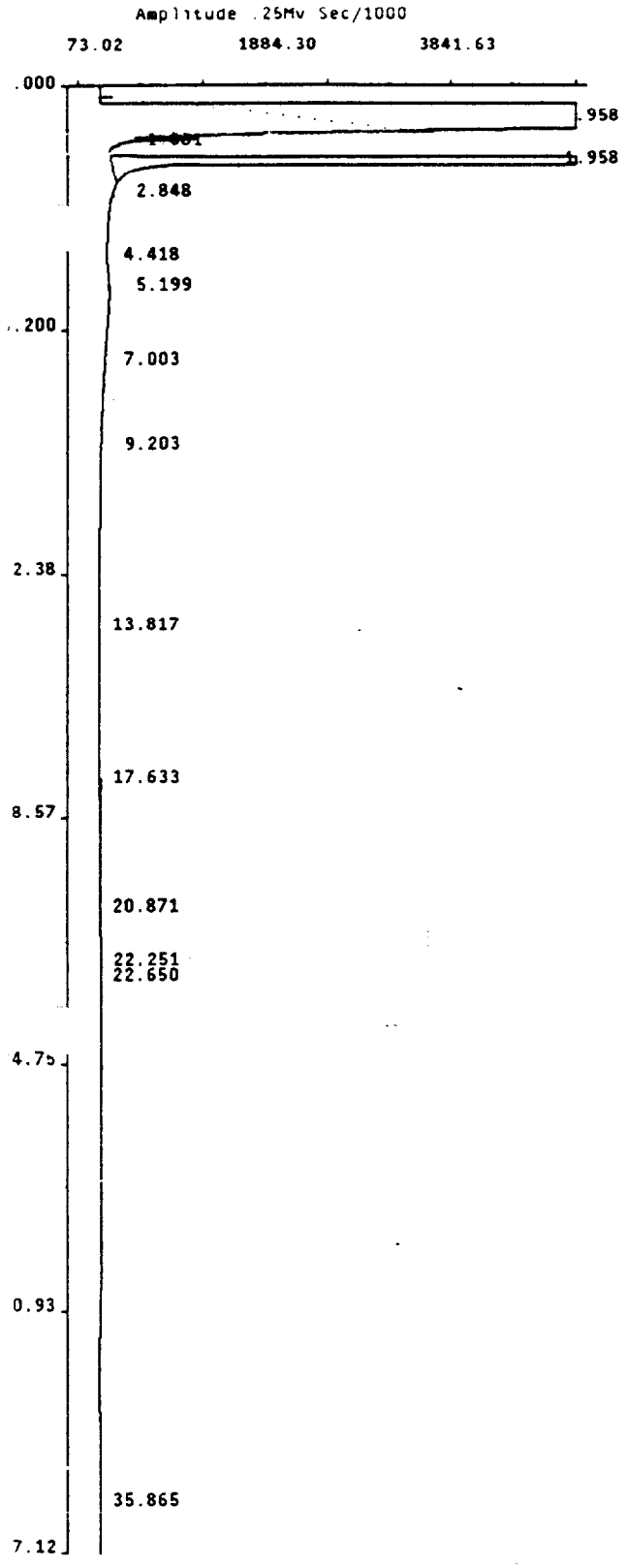
Sample wt/vol: 30g

Dilution Factor: 10 Date Analyzed: 7/15/94

GC Column: DB-5 Soil Aliquot Volume: 10ml

	Concentration Units: (mg/kg (ppm)	Q
Diesel Range Organics	10	U

FORM I



Ceimic Corporation Pest/PCB Report

Sample Name : METHOD BLANK
Lab Id : F0715-B1
Inst Id & Col : AD21_1, DB5
VoTume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
CaTcuTation : Zero Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL030.RES
Inject Time : 1521 15Jul1994
Run Status : RunStatusOK
EndOffBaseline
SpecialInteg

Pk #	RT	Area	Code	MASSng	Name
1	.96	31329992	BS	80.168	
2	1.58	1847	BB	.005	
3	1.96	7724021	BS	19.764	
4	2.85	1870	BB	.005	
5	4.42	381	BB	.001	
6	5.20	4658	BB	.012	
7	7.00	-4101	BB	-.010	
8	9.20	204	BB	.001	
9	13.82	755	BB	.002	
10	17.63	16421	FF	.042	p-terphenyl-d14 66ug
11	20.87	-1868	BB	-.005	
12	22.25	-695	BB	-.002	66% Recovery
13	22.65	67	BB	.000	
14	35.86	390	BB	.001	

Total Area: 39080608

Method File: /DATA/METHOD/SYSMETH21.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1508 20Jul1994

DIESEL RANGE ORGANICS
Laboratory Control Sample

Client: OHM

Laboratory Name: Ceimic Corporation

Client Sample ID: Laboratory Control Sample

Laboratory ID: F0715-LCS1

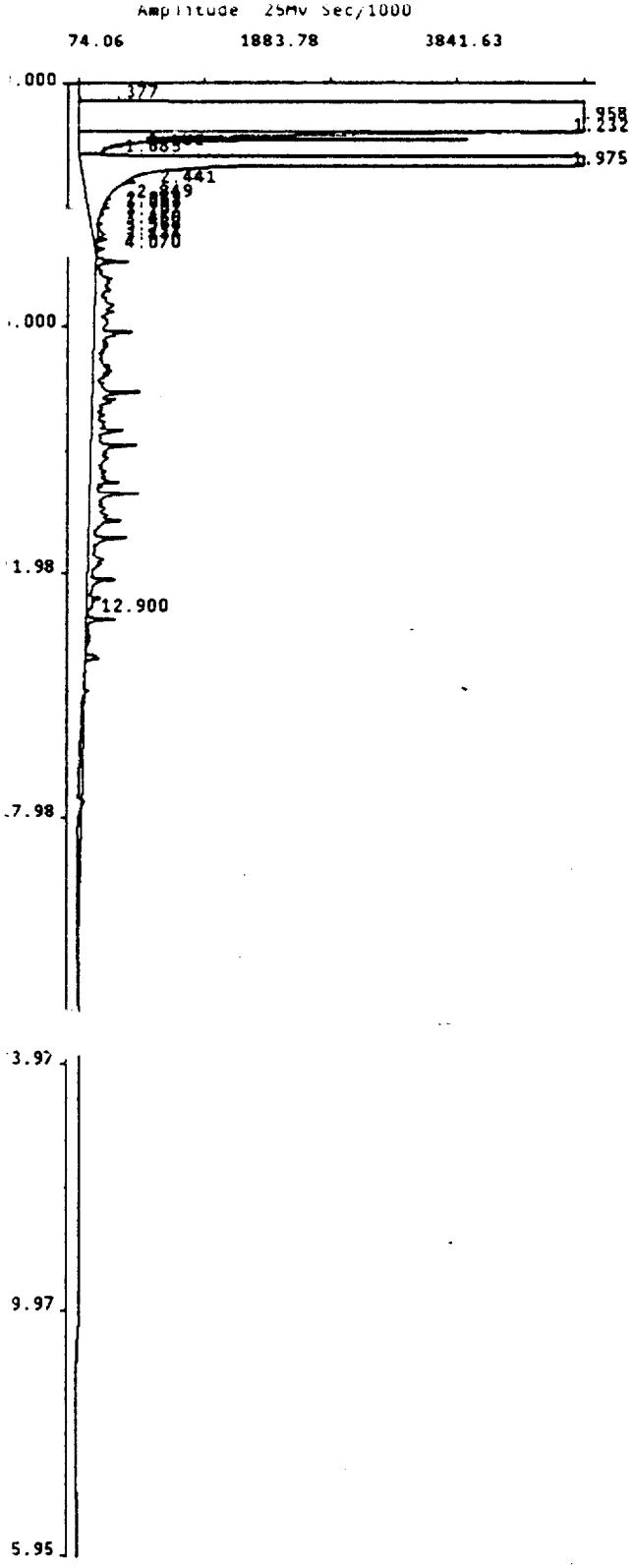
Date Received: NA

Matrix: SOIL

Date Sample Analyzed: 7/15/94

Target Analyte	Spike Added	% Recovery
Diesel Fuel	500 µg	67%

NA = Not Applicable



Ceimic Corporation Pest/PCB Report

Sample Name : LAB CONTROL SAMPLE
Lab Id :
Inst Id & Col : AD21_1, DB5
Volume Injected: 1.0U uL Multilevel : True
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL031.RES
Inject Time : 1600 15Jul1994
Run Status : RunStatusOK
EndOffBaseline

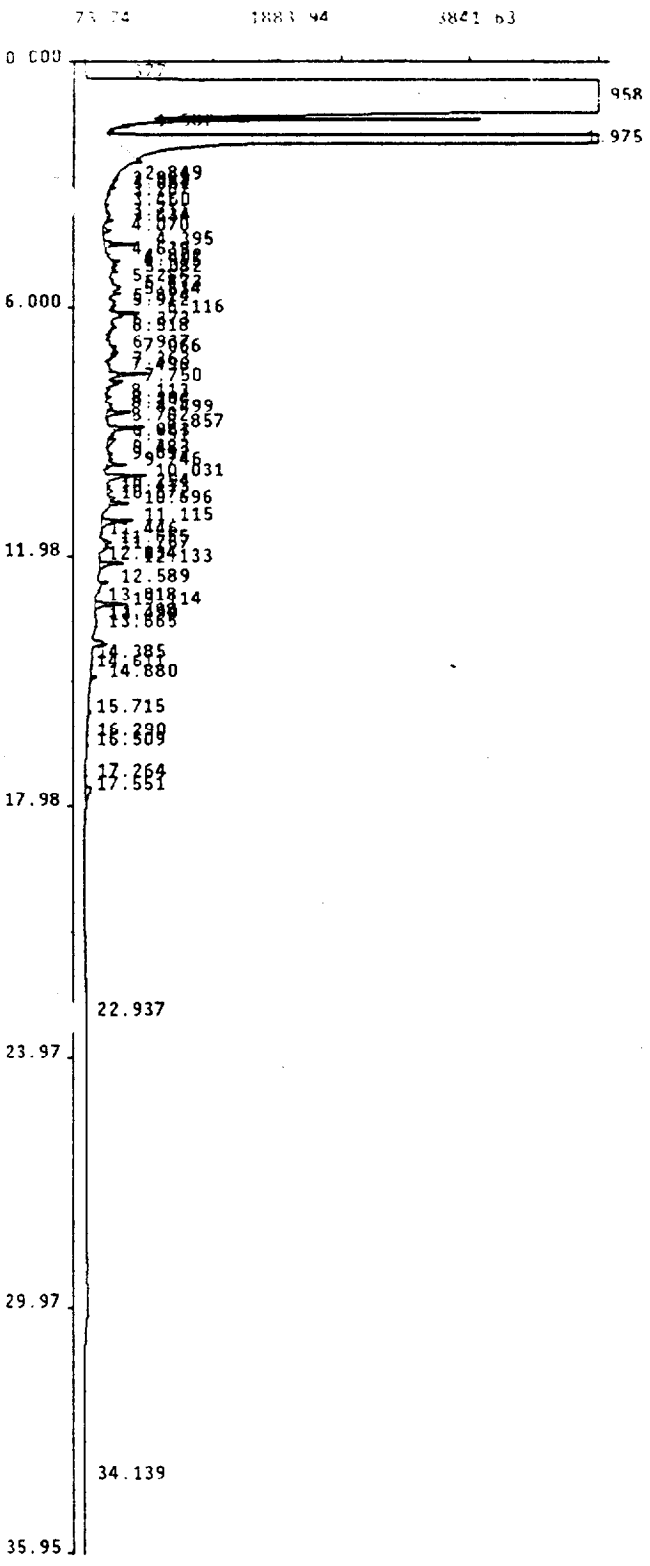
Pk #	RT	Area	Code	MASSng	Name
1	.38	1236	VV	.000	
2	.96	34527584	HS	.944	
3	1.23	1068469	HS	.055	
4	1.58	4337	BT	.000	
5	1.68	2005	PT	.000	
6	1.98	9082194	HS	.464	
7	2.44	4743	BT	.000	
8	2.85	785	BT	.000	
9	2.96	607	PT	.000	
10	3.06	2174	PT	.000	
11	3.21	943	PT	.000	
12	3.46	2421	PT	.000	
13	3.57	1020	VT	.000	
14	3.71	9655	VT	.000	
15	3.83	7007	VT	.000	
16	4.07	7953	PT	.000	
17	12.90	1026837	BX	~~36.767~~	DRO 335 ug/ml
		45749984			

Total Area:

Method File: /DATA/METHOD/DRO21A.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1206 21Jul1994

spike added 500 ug/ml

$\frac{335}{500} \times 100 = 67\%$



Ceimic Corporation Pest/PCB Report

Sample Name : LAB CONTROL SAMPLE
Lab Id : F0715-LCS1
Inst Id & Col : AD21_1, DB5
Volume Injected: 1.0U uL Multilevel : True
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL031.RES
Inject Time : 1600 15Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	.38	922	BB	.000	
2	.96	31603560	BS	.866	
3	1.58	3665	BB	.000	
4	1.98	8544696	BS	.437	
5	2.85	1812	BB	.000	
6	2.96	1423	BB	.000	
7	3.06	2338	BB	.000	
8	3.21	1260	BB	.000	
9	3.46	1562	BB	.000	
10	3.71	4719	BB	.000	
11	3.83	4043	BB	.000	
12	4.07	6730	BB	.000	
13	4.39	23976	BB	.001	
14	4.64	1394	BB	.000	
15	4.80	4118	BB	.000	
16	4.91	2544	BB	.000	
17	5.08	4090	BB	.000	
18	5.29	934	BB	.000	
19	5.47	2507	BB	.000	
20	5.63	3874	BB	.000	
21	5.82	2688	BB	.000	
22	5.91	1942	BB	.000	
23	6.12	8508	BB	.000	
24	6.37	607	BB	.000	
25	6.52	1812	BB	.000	
26	6.94	2234	BB	.000	
27	7.07	4217	BB	.000	
28	7.36	328	BB	.000	
29	7.50	3343	BB	.000	
30	7.75	4687	BB	.000	
31	8.11	1282	BB	.000	
32	8.29	925	BB	.000	
33	8.40	2296	BB	.000	
34	8.50	19137	BB	.001	
35	8.70	1617	BB	.000	
36	8.86	18967	BB	.001	
37	9.06	1559	BB	.000	
38	9.15	10141	BB	.001	
39	9.48	3019	BB	.000	
40	9.61	2720	BB	.000	
41	9.75	9249	BB	.000	

Sample Name : LAB CONTROL SAMPLE
Lab Id :
Inst Id & Col : AD21_1, DB5
Volume Injected: 1.0U uL Multilevel : True
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L21F14JUL031.RES
Inject Time : 1600 15Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
42	10.03	30201	BB	.002	
43	10.29	444	BB	.000	
44	10.41	5546	BB	.000	
45	10.57	4729	BB	.000	
46	10.70	11231	BB	.001	
47	11.12	30478	BB	.002	
48	11.45	2058	BB	.000	
49	11.65	4718	BB	.000	
50	11.77	2324	BB	.000	
51	12.03	885	BB	.000	
52	12.13	22207	BB	.001	
53	12.59	6893	BB	14.335	DRO
54	13.02	280	BB	.000	
55	13.11	25332	BB	.001	
56	13.40	457	BB	.000	
57	13.50	635	BB	.000	
58	13.66	1018	BB	.000	
59	14.39	921	BB	.000	
60	14.61	1673	BB	.000	
61	14.88	5067	BB	.000	
62	15.72	3253	BB	.000	
63	16.29	321	BB	.000	
64	16.51	1407	BB	.000	
65	17.26	783	BB	.000	
66	17.55	15035	BB	.001	p-terphenyl 61 ug
67	22.94	3529	BB	.000	
68	34.14	189	BB	.000	
69	36.19	296	BB	.000	

61% Recovery

Total Area: 40503352

Method File: /DATA/METHOD/DRO21A.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1110 20Jul1994

CLJ2 - FB01
CLJ2 - RB01
CLJ2 - RB02

CEIMIC
CORPORATION

"Analytical Chemistry for Environmental Management"

July 27, 1994

Ms. Theresa Rojas
OHM Remediation Services Corp.
5335 Triangle Parkway
Suite 450
Norcross, GA 30092

Dear Ms. Rojas:

Enclosed is a copy of the data package for the analyses of 20 soil samples which were received at CEIMIC on July 21, 1994. The samples were analyzed under OHM Case No. 16207, SDG No. CLJ2-FB01(CLJ2FB).

If you have any questions regarding this data please call.

Sincerely,

Henry Leibovitz
GC Laboratory Manager

HL/jmf

Enclosures

10 Dean Knauss Drive, Narragansett, R.I. 02882 • (401) 782-8900 • FAX (401) 782-8905

PROJECT NARRATIVE

SDG NARRATIVE

The enclosed data package is in response to OHM Case No. 16207, SDG No. CLJ2-FB01(CLJ2FB). Under this SDG, there are 3 Pest analyses for 3 aqueous samples which were received at CEIMIC on July 21, 1994 from OHM Remediation Services Corp.

This data package includes the analyses for the following samples from SDG No. CLJ2-FB01(CLJ2FB):

CLIENT ID	ANALYSIS
CLJ2-FB01	Pest
CLJ2-RB01	Pest
CLJ2-RB02	Pest

The submitted data covers the analysis of the Pesticides (PEST) fraction and its associated blanks and QA/QC. CEIMIC would like to highlight the following points pertaining to the analyses performed for this case:

(2) INSTRUMENTATION AND COLUMN IDENTIFICATION

The following instruments were used for the analyses:

GC ANALYSIS

A. Pest

AD9_1: HP5890 using 30m x 0.53mm ID DB-608 megabore column.

AD8_1: HP5890 using 30m x 0.53mm ID DB-1701 megabore column.

(3) SAMPLE INFORMATION

Additional qualifier: "x"

An "x" qualifier is flagged by Formaster software whenever the data is manually edited.

The letters "M" for GC/MS and "FF" for GC are used on the raw data of the quantitation report whenever a manual integration is performed. These data manipulations are done only to correct for computer integration error.

A. Pest Fraction

No noncompliances are noted.

DEVIATIONS FROM THE SOW

None other than specified above.

End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Henry Leibovitz
GC Laboratory Manager

7-27-94
Date

CHAIN OF CUSTODY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

№ 116050

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Excavation 2

PROJECT NAME	PROJECT LOCATION
Camp Le Jeune 2	Camp Le Jeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And TCBS	REMARKS
1	CLT2-CSS32D	7/19/94	0910		X	Camp Le Jeune 2 Confirmation Soil Sample 32 Duplicate	1	✓	fax results to 910 451-1809
2	CLT2-CSS33	7/19/94	0915		X	Camp Le Jeune 2 Confirmation Soil Sample 33	1	✓	
3	CLT2-CSS34	7/19/94	0920		X	Camp Le Jeune 2 Confirmation Soil Sample 34	1	✓	
4	CLT2-CSS35	7/19/94	0925		X	Camp Le Jeune 2 Confirmation Soil Sample 35	1	✓	
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1 - 4	[illegible]	Claudine Bigham	7/19/94	1130
2					
3					
4			[illegible]	7/21/94	1020

REMARKS

TAT: 4/8 hours
All Samples Cooled

SAMPLER'S SIGNATURE

ANSFER 3

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

№ 116049

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Excavation 2

PROJECT NAME	PROJECT LOCATION
Camp LeJeune 2	Camp LeJeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

fax results to 910 451-1809

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And PCB's	REMARKS
1	CLJ2-CSS23	7/19/94	0830		X	Camp LeJeune 2 Confirmation Soil Sample 23	1	✓	
2	CLJ2-CSS24	7/19/94	0825	X		Camp LeJeune 2 Confirmation Soil Sample 24 (Sidewalls)	1	✓	
3	CLJ2CSS25	7/19/94	0835		X	Camp LeJeune 2 Confirmation Soil Sample 25	1	✓	
4	CLJ2-CSS26	7/19/94	0840	X		Camp LeJeune 2 Confirmation Soil Sample 26 (sidewalls)	1	✓	
5	CLJ-2-CSS27	7/19/94	0845	X	X	Camp LeJeune 2 Confirmation Soil Sample 27	1	✓	
6	CLJ2-CSS28	7/19/94	0850	X		Camp LeJeune 2 Confirmation Soil Sample (sidewall) 28	1	✓	
7	CLJ2-CSS29	7/19/94	0855		X	Camp LeJeune 2 Confirmation Soil Sample 29	1	✓	
8	CLJ2-CSS30	7/19/94	0900		X	Camp LeJeune 2 Confirmation Soil Sample 30	1	✓	
9	CLJ2-CSS31	7/19/94	0905		X	Camp LeJeune 2 Confirmation Soil Sample 31	1	✓	
10	CLJ2-CSS32	7/19/94	0910		X	Camp LeJeune 2 Confirmation Soil Sample 32	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	[signature]	Claudine Bigham	7/19/94	1115
2					
3					
4			[signature]	7/21/94	1030

REMARKS

TAT: 48 hours
All Samples Cooled

SAMPLER'S SIGNATURE [signature]

ANSFER 3

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

128178

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Excavation 3

PROJECT NAME	PROJECT LOCATION
Camp Lejeune 2	Camp Lejeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	~~Camp~~ Claudine Bigham	716 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
US Navy	Kent Geis

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8240 And PCB's	REMARKS
1	CLJ2-CS536	7/19/94			X	Camp Lejeune 2 Confirmation Soil Samples 36	1	✓	fax results to 910 451 1809
2	CLJ2-CS536D	7/19/94			X	Camp Lejeune 2 Confirmation Soil sample 36 Duplicate	1	✓	
3	CLJ2-CS537	7/19/94		X		Camp Lejeune 2 confirmation Soil Sample 37	1	✓	
4	~~CLJ2-CS5~~ CB	7/19/94			\				
5	CLJ2-RB02	7/19/94			X	camp le jeune Rinsate Blank 02	1	✓	
6	~~CLJ2-CS538~~ CB	7/19/94			~~X~~	~~Camp Le Jeune 2 Confirmation Soil sample 38~~ CB	1 + CB	~~✓~~	
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-5		Claudine Bigham	7/19/94	1700
2					
3					
4				7/21/94	1030

REMARKS

TAT: 48 hours

All Samples Cooled

SAMPLER'S SIGNATURE

TRANSFER 3

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

128177

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

Excavation 1

PROJECT NAME	PROJECT LOCATION
Camp Lejeune	Camp Lejeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Eels

fax to 910 451 1809

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8260 And PCB's	REMARKS
1	CLJ2-CSS03	7/18/94	1500		X	Camp Le Jeune 2 Confirmation Soil Sample 03	1	✓	
2	CLJ2-CSS04	7/18/94	1515		X	Camp Le Jeune 2 Confirmation Soil Sample 04	1	✓	
3	CLJ2-CSS06	7/18/94	1517		X	Camp Le Jeune 2 Confirmation Soil Sample 06	1	✓	
4	CLJ2-CSS07	7/18/94	1520		X	Camp Le Jeune Confirmation Soil Sample 07	1	✓	
5	CLJ2-CSS08	7/18/94	1525		X	Camp Le Jeune Confirmation Soil Sample 08	1	✓	
6	CLJ2-CSS09	7/18/94	1530		X	Camp Le Jeune Confirmation Soil Sample 09	1	✓	
7	CLJ2-CSS10	7/18/94	1530		X	Camp Le Jeune Confirmation Soil Sample 10	1	✓	
8	CLJ2-CSS11	7/18/94	1535		X	Camp Le Jeune Confirmation Soil Sample 11	1	✓	
9	CLJ2-CSS12	7/18/94	1540		X	Camp Le Jeune Confirmation Soil Sample 12	1	✓	
10	CLJ2-CSS12(D)	7/18/94	1540		X	Camp Le Jeune Soil Sample Confirmation 12 Duplicate	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	[signature] EES	Claudine Bigham	7/19/94	1030
2					
3					
4			[signature]	7/21/94	1030

REMARKS

TAT: 48 hours
#11 Samples Cooled

SAMPLER'S SIGNATURE [signature] EES

TRANSFER 3

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

128175

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Excavation 1

PROJECT NAME: Camp LeJeune 2
PROJECT LOCATION: Camp LeJeune, NC
PROJ. NO.: 16207
PROJECT CONTACT: Claudine Bigham
PROJECT TELEPHONE NO.: 910 451 1809
CLIENT'S REPRESENTATIVE:
PROJECT MANAGER/SUPERVISOR: Kent Geis

fax results to 910 451 1809

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And PCB's	REMARKS
1	CLJ2-CSS14	7/18/94	1555		X	Camp LeJeune 2 Confirmation Soil Sample 14	1	✓	
2	CLJ2 CSS15	7/18/94	1600		X	Camp LeJeune 2 Confirmation Soil Sample 15	1	✓	
3	CLJ2-CSS16	7/18/94	1605		X	Camp LeJeune 2 Confirmation Soil Sample 16	1	✓	
4	CLJ2-CSS17	7/18/94	1610		X	Camp LeJeune 2 Confirmation Soil Sample 17	1	✓	
5	CLJ2-CSS18	7/18/94	1615		X	Camp LeJeune 2 Confirmation Soil Sample 18	1	✓	
6	CLJ2-CSS19	7/18/94	1620		X	Camp LeJeune 2 Confirmation Soil Sample 19	1	✓	
7	CLJ2 CSS20	7/18/94	1625		X	Camp LeJeune 2 Confirmation Soil Sample 20	1	✓	
8	CLJ2-CSS21	7/18/94	1630		X	Camp LeJeune 2 Confirmation Soil Sample 21	1	✓	
9	CLJ2-CSS22	7/18/94	1635		X	Camp LeJeune 2 Confirmation Soil Sample 22	1	✓	
10	CLJ2 (CSS22(b))	7/18/94	1635		X	Camp LeJeune 2 Confirmation Soil Sample 22 Duplicate	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10 less 9 (CS)	Jeff W. Tr	Claudine Bigham	7/19/94	1015
2					
3					
4	6		Norma Lynn B.	7/21/94	10:30

REMARKS

TAT: 48 hours
All Samples Cooled

SAMPLER'S SIGNATURE: Jeff W. Tr

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

№ 116048

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Excavation 1

PROJECT NAME	PROJECT LOCATION
Camp Lejeune	Camp LeJeune NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

Fax Results to 910 451 1809

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And PCB's	REMARKS
1	CLJ2-CS513	7/18/94	1545		X	Camp Le Jeune 2 Confirmation Soil Sample 13	1	✓	
2	CLJ2-FB01	7/18/94	1705		X	Camp Le Jeune 2 Field Blank 01	1	✓	
3	CLJ2-RB01	7/18/94	1710		X	Camp le Jeune 2 Rinse Blank 01	1	✓	
4	CLJ2-CS538	7/19/94	1330		X	Camp Le Jeune 2 Confirmation Soil Sample 38	1	✓	
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-3			7/19/94	1030
2					
3	10				
4				7/21/94	10:30

REMARKS

TAT: 48 hour
All Samples Cooled

SAMPLER'S SIGNATURE

TRANSFER 3

PESTICIDES/PCBS

PESTICIDES/PCBS

a. QC Summary

2E
WATER PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK04	97		96		94		91				0
02	CLJ2-FB01	91		88		54*		50*				2
03	CLJ2-RB01	98		98		80		82				0
04	CLJ2-RB02	45*		61		24*		23*				3

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

PESTICIDES/PCBS

b. Sample Data

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-FB01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: 940641-40

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/21/94

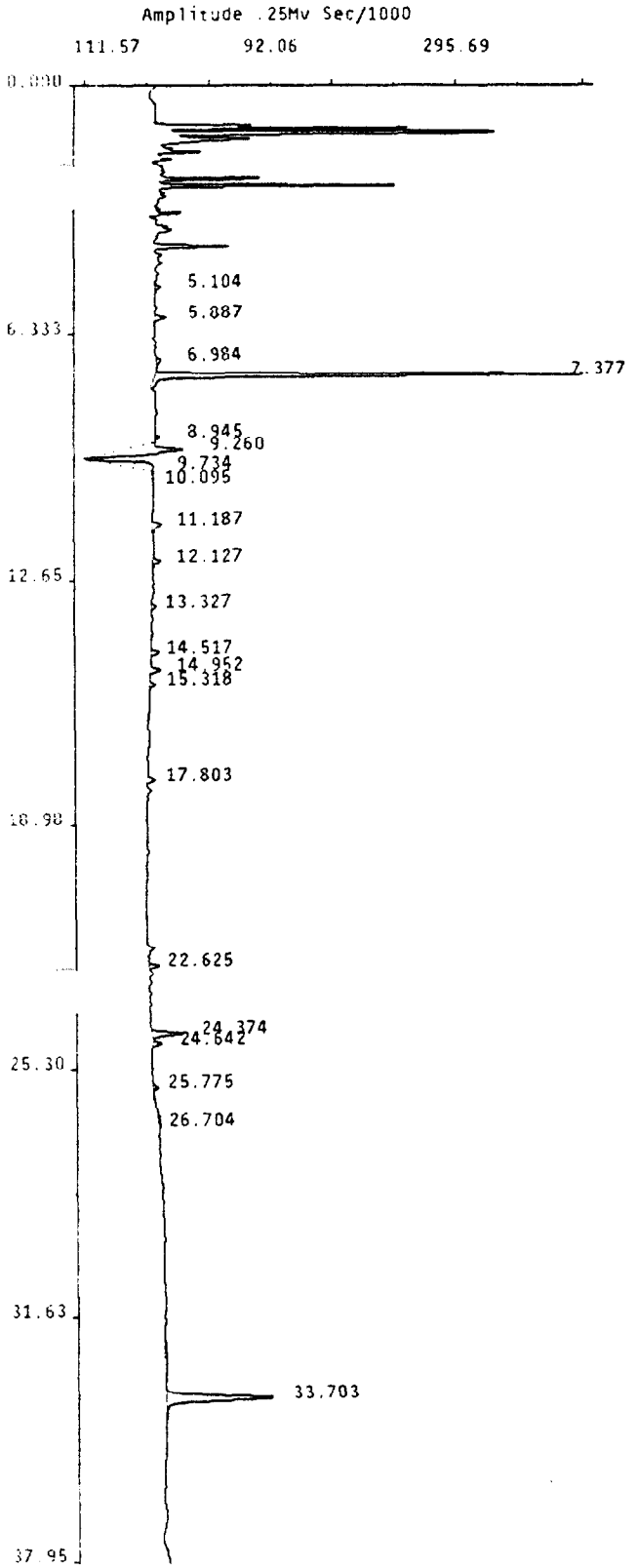
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



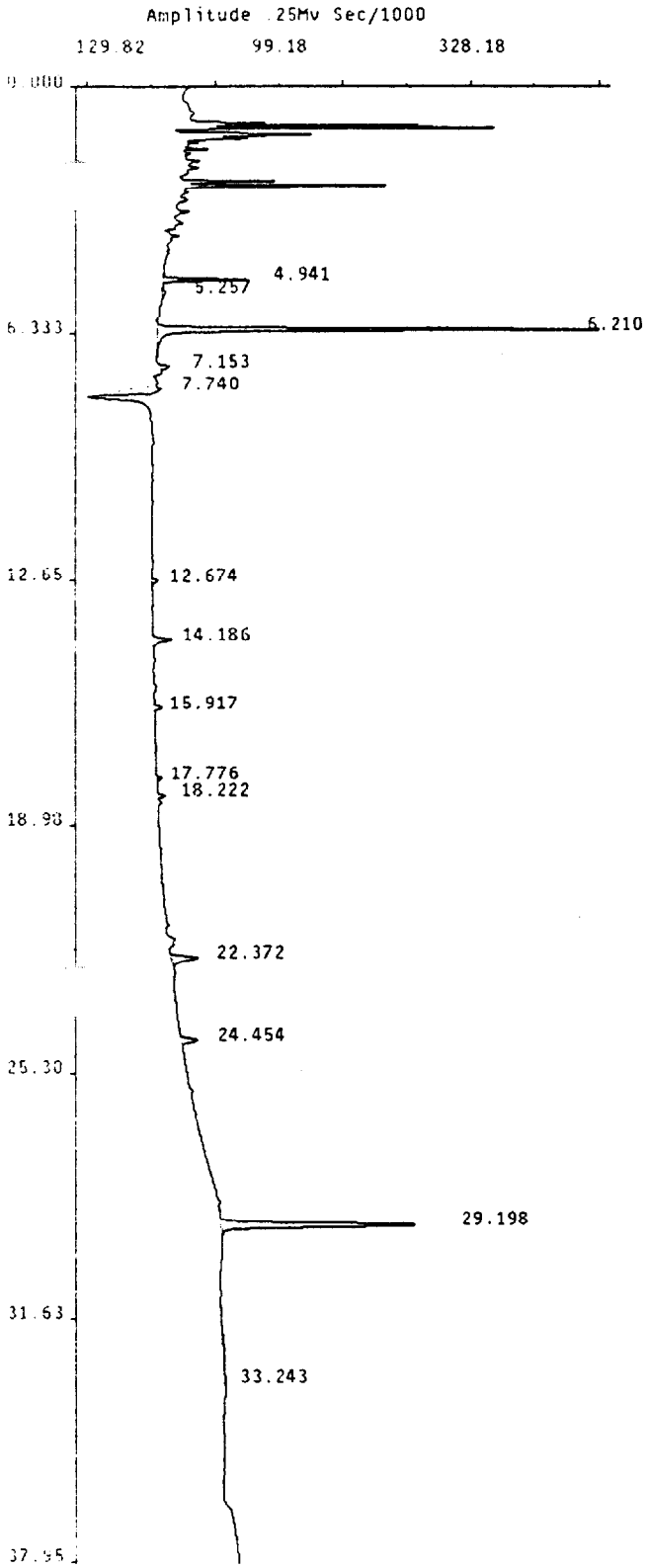
Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-FB01
Lab Id : 940641-40
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL036.RES
Inject Time : 1542 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2418	BB	.001	
2	5.89	5518	BB	.001	
3	6.98	3572	BB	.001	
4	7.38	189060	BB	.018	TCX
5	8.94	2106	BB	.000	
6	9.26	68509	BB	.015	
7	9.73	42073	BB	.009	
8	10.09	3227	BB	.001	
9	11.19	7547	BB	.002	
10	12.13	4813	BB	.001	
11	13.33	2358	BB	.000	HEPTACHLOR
12	14.52	4207	BB	.001	
13	14.95	5830	BB	.001	
14	15.32	2879	BB	.001	
15	17.80	3554	BB	.001	
16	22.63	5694	BB	.001	
17	24.37	18353	BB	.004	
18	24.64	4210	BB	.001	
19	25.77	2644	BB	.001	
20	26.70	2093	BB	.000	
21	33.70	105733	BB	.011	DCB

Total Area: 486398

Method File: /DATA/METHOD/INDA8Q9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1737 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-FB01
Lab Id : 940641-40
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL036.RES
Inject Time : 1542 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	34249	VB	.008	
2	5.26	2801	BB	.001	
3	6.21	204689	BB	.018	TCX
4	7.15	5930	BB	.001	
5	7.74	38079	BB	.008	
6	12.67	3431	BB	.001	
7	14.19	13745	BB	.002	BETA-BHC
8	15.92	4982	BB	.000	H. EPOXIDE
9	17.78	2702	BB	.001	
10	18.22	3354	BB	.001	
11	22.37	22444	BB	.005	
12	24.45	10366	BB	.002	METHOXYCHLOR
13	29.20	132684	BB	.010	DCB
14	33.24	4605	BB	.001	

Total Area: 484060

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1747 26Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-RB01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: 940641-41

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/21/94

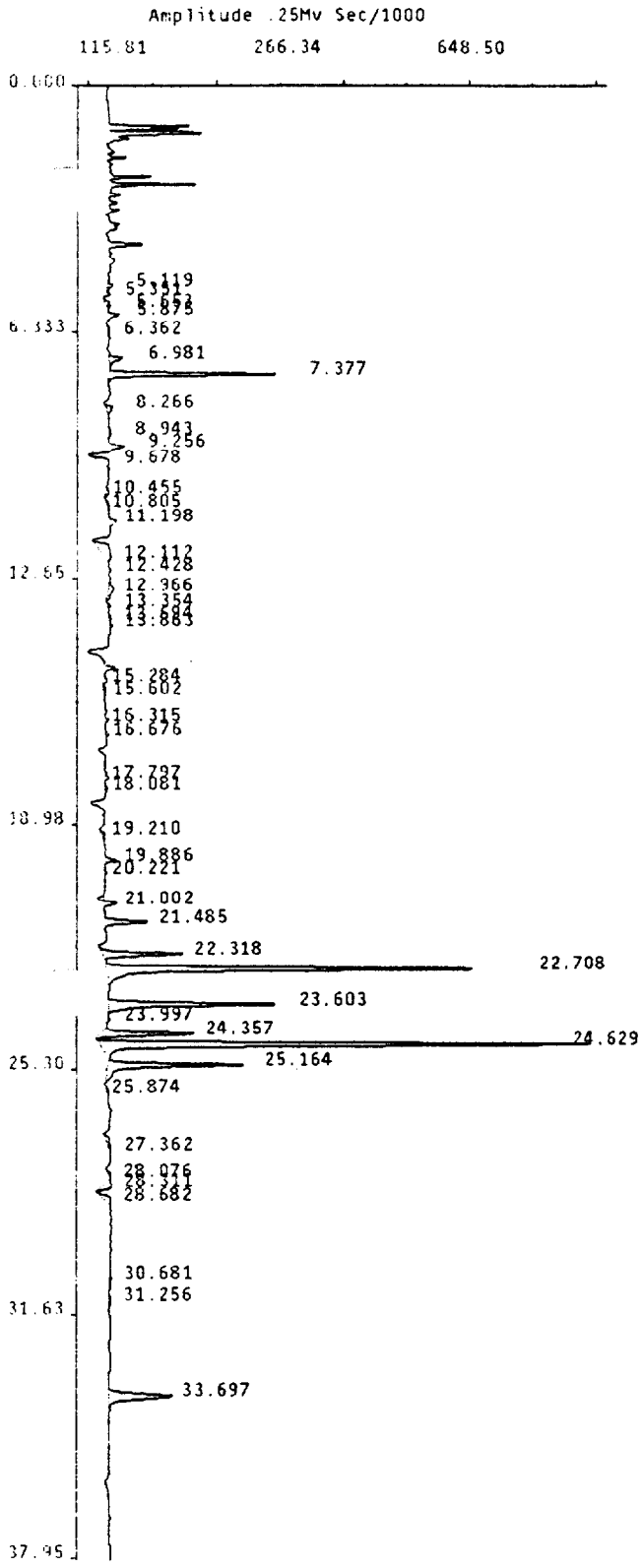
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

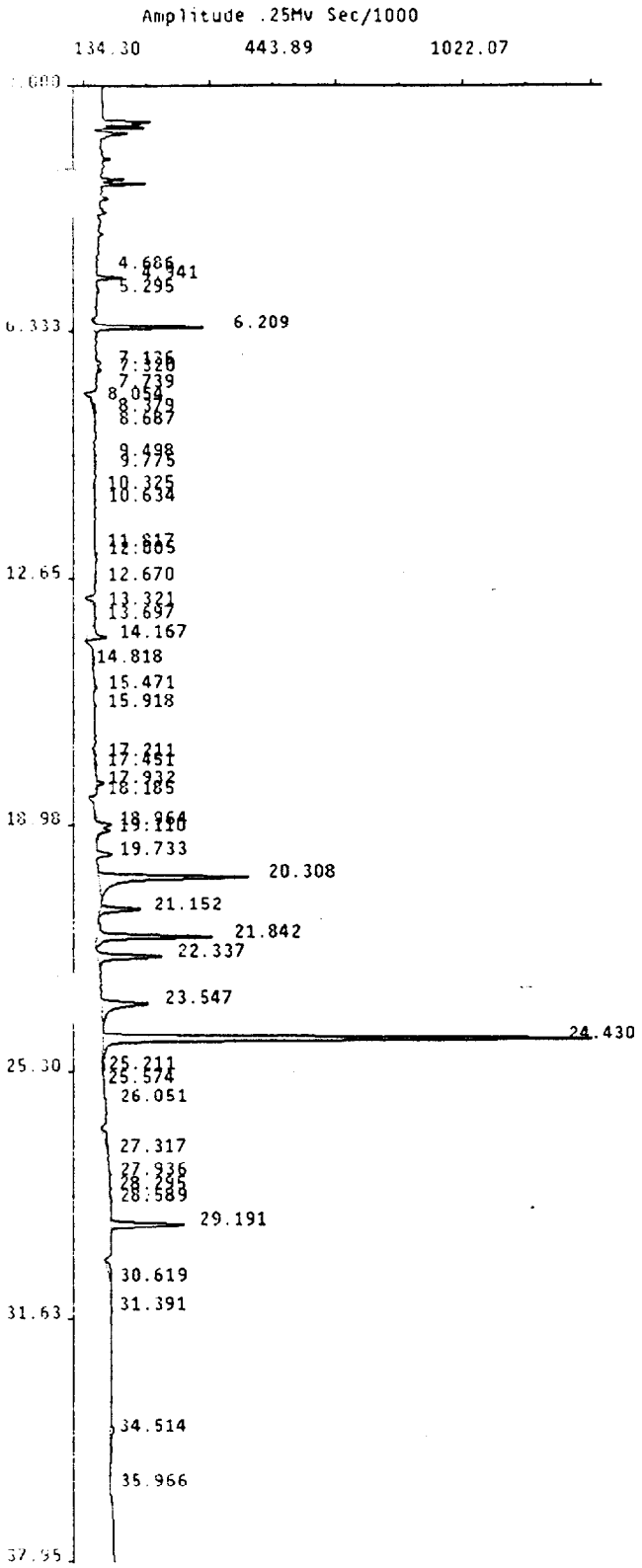
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.21	
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.46	P
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-RB01
Lab Id : 940641-41
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL042.RES
Inject Time : 2008 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.12	8799	BB	.002	
2	5.35	5687	BB	.001	
3	5.65	11556	BB	.003	
4	5.87	20265	BB	.004	
5	6.36	5035	BB	.001	
6	6.98	22981	BB	.005	
7	7.38	204069	BB	.020	TCX
8	8.27	17063	BB	.004	
9	8.94	3828	BB	.001	
10	9.26	75233	BB	.017	
11	9.68	37214	BB	.008	
12	10.46	8195	BB	.002	
13	10.80	5764	BB	.001	
14	11.20	11463	BB	.003	
15	12.11	62197	BB	.014	
16	12.43	2496	BB	.001	
17	12.97	20250	BB	.004	
18	13.35	3486	BB	.000	HEPTACHLOR
19	13.69	3841	BB	.001	
20	13.86	4412	BB	.001	DELTA-BHC
21	15.28	6933	BB	.002	
22	15.60	7424	BB	.002	
23	16.32	4669	BB	.001	
24	16.68	4688	BB	.001	
25	17.80	9340	BB	.002	
26	18.08	3464	BB	.001	
27	19.21	7859	BB	.002	
28	19.89	15682	BB	.002	4,4'-DDE
29	20.22	3301	BB	.001	
30	21.00	9353	BB	.002	
31	21.48	68440	BB	.015	
32	22.32	126144	BB	.024	4,4'-DDD
33	22.71	668561	BB	.147	
34	23.60	284883	BB	.046	4,4'-DDT
35	24.00	2327	BB	.001	ENDRIN ALDEH
36	24.36	150274	BB	.033	
37	24.63	836974	BB	.184	
38	25.16	247355	BB	.054	
39	25.87	3535	BB	.001	
40	27.36	12851	BB	.003	METHOXYCHLOR
41	28.08	5114	BB	.001	



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-RB01
Lab Id : 940641-41
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL042.RES
Inject Time : 2008 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.69	2543	VV	.001	
2	4.94	47209	VB	.010	
3	5.30	8054	BB	.002	
4	6.21	227398	BB	.020	TCX
5	7.14	10641	BB	.002	
6	7.32	8248	BB	.002	
7	7.74	29931	BB	.007	
8	8.05	9232	BB	.002	
9	8.38	17883	BB	.004	
10	8.69	2996	BB	.001	
11	9.50	4735	BB	.001	ALPHA-BHC
12	9.78	3262	BB	.001	
13	10.32	3738	BB	.001	
14	10.63	2220	BB	.000	
15	11.82	3300	BB	.001	
16	12.01	3894	BB	.000	HEPTACHLOR
17	12.67	3703	BB	.001	
18	13.32	11285	BB	.002	
19	13.70	6040	BB	.001	
20	14.17	79703	BB	.012	BETA-BHC
21	14.82	4552	BB	.001	
22	15.47	5746	BB	.001	
23	15.92	2861	BB	.000	H. EPOXIDE
24	17.21	4994	BB	.000	G. CHLORDANE
25	17.45	3895	BB	.000	A. CHLORDANE
26	17.93	17520	BB	.002	4,4'-DDE
27	18.18	15553	BB	.003	
28	18.96	9137	BB	.002	
29	19.11	6958	BB	.002	
30	19.73	40379	BB	.009	
31	20.31	538067	BB	.118	
32	21.15	116336	BB	.021	4,4'-DDD
33	21.84	345445	BB	.058	4,4'-DDT
34	22.34	197262	BB	.043	
35	23.55	207561	BB	.046	
36	24.43	1455033	BB	.342	METHOXYCHLOR
37	25.21	7696	BB	.002	
38	25.57	3652	BB	.001	
39	26.05	2697	BB	.001	
40	27.32	30570	BB	.007	
41	27.94	2400	BB	.001	

Sample Name : CLJ2-RB01
Lab Id : 940641-41
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL042.RES
Inject Time : 2008 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
42	28.29	3411	BB	.001	
43	28.59	3298	BB	.001	
44	29.19	221475	BB	.017	DCB
45	30.62	32908	BB	.007	
46	31.39	4350	BB	.001	
47	34.51	34564	BB	.008	
48	35.97	2708	BB	.001	

Total Area:		3807046			

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1747 26Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-RB02

b Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: 940641-42

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received: 07/21/94

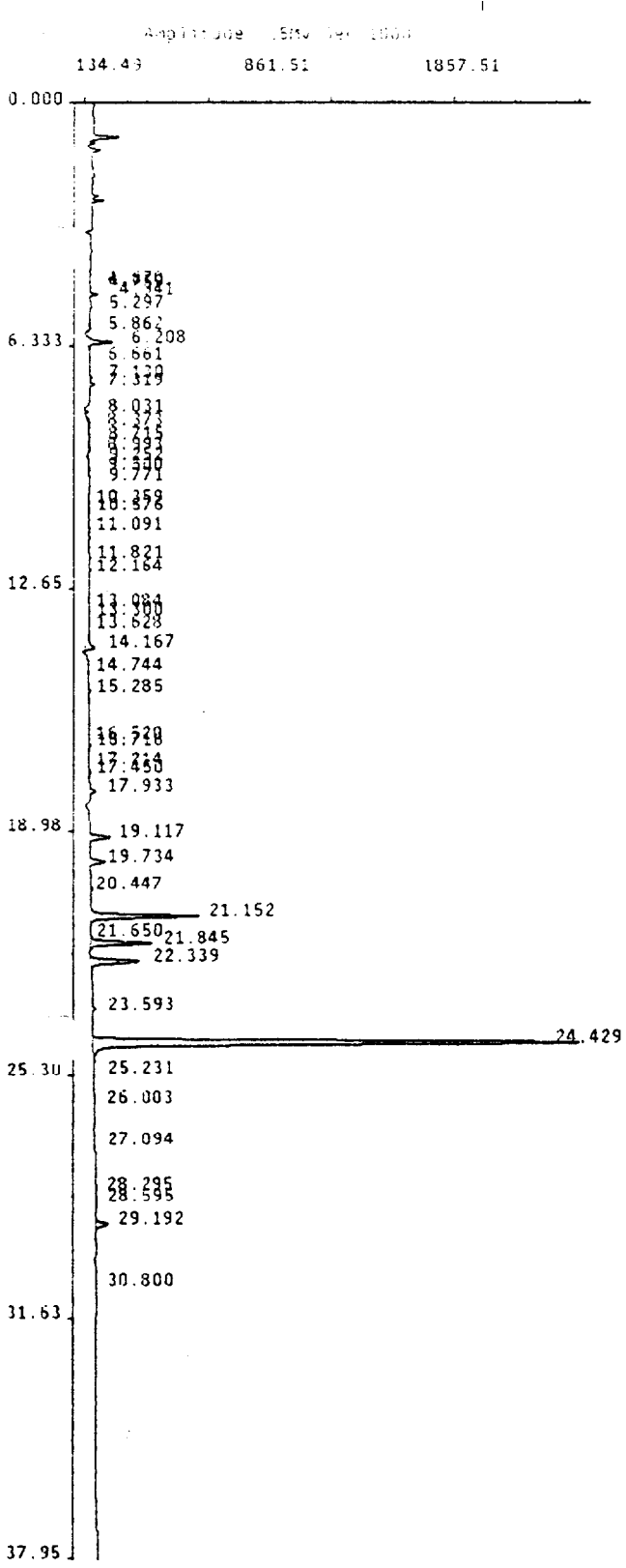
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.87	
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.45	
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-R802
Lab Id : 940641-42
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL044.RES
Inject Time : 2137 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.67	4409	BV	.001	
2	4.76	4810	VV	.001	
3	4.94	24666	V8	.005	
4	5.30	3865	BB	.001	
5	5.86	30992	BB	.007	
6	6.21	141108	BB	.012	TCX
7	6.66	4122	BB	.001	
8	7.13	7959	BB	.002	
9	7.32	16260	BB	.004	
10	8.03	12695	BB	.003	
11	8.37	28831	BB	.006	
12	8.71	3290	BB	.001	
13	8.99	17852	BB	.004	
14	9.25	4353	BB	.001	
15	9.50	5901	BB	.001	ALPHA-BHC
16	9.77	3330	BB	.001	
17	10.36	2734	BB	.001	
18	10.58	4844	BB	.001	
19	11.09	2919	BB	.000	GAMMA-BHC
20	11.82	4983	BB	.001	
21	12.16	2552	BB	.001	
22	13.08	2273	BB	.000	ALDRIN
23	13.30	2293	BB	.001	
24	13.63	3757	BB	.001	
25	14.17	83257	BB	.013	BETA-BHC
26	14.74	4070	BB	.001	
27	15.29	16028	BB	.004	
28	16.52	2575	BB	.001	
29	16.72	9080	BB	.002	
30	17.21	2163	BB	.000	G. CHLORDANE
31	17.45	6636	BB	.001	A. CHLORDANE
32	17.93	28682	BB	.003	4,4'-DDE
33	19.12	108389	BB	.024	
34	19.73	70660	BB	.016	
35	20.45	4761	BB	.001	
36	21.15	527567	BB	.095	4,4'-DDD
37	21.65	2833	BB	.001	
38	21.84	308150	BB	.052	4,4'-DDT
39	22.34	284619	BB	.063	
40	23.59	16447	BB	.004	
41	24.43	3065705	BS	.721	METHOXYCHLOR

Sample Name : CLJ2-RB02
Lab Id : 940641-42
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL044.RES
Inject Time : 2137 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
42	25.23	6958	BB	.002	
43	26.00	2998	BB	.001	
44	27.09	7224	BB	.002	
45	28.30	8705	BB	.002	
46	28.59	4789	BB	.001	
47	29.19	62528	BB	.005	DCB
48	30.80	22317	BB	.005	
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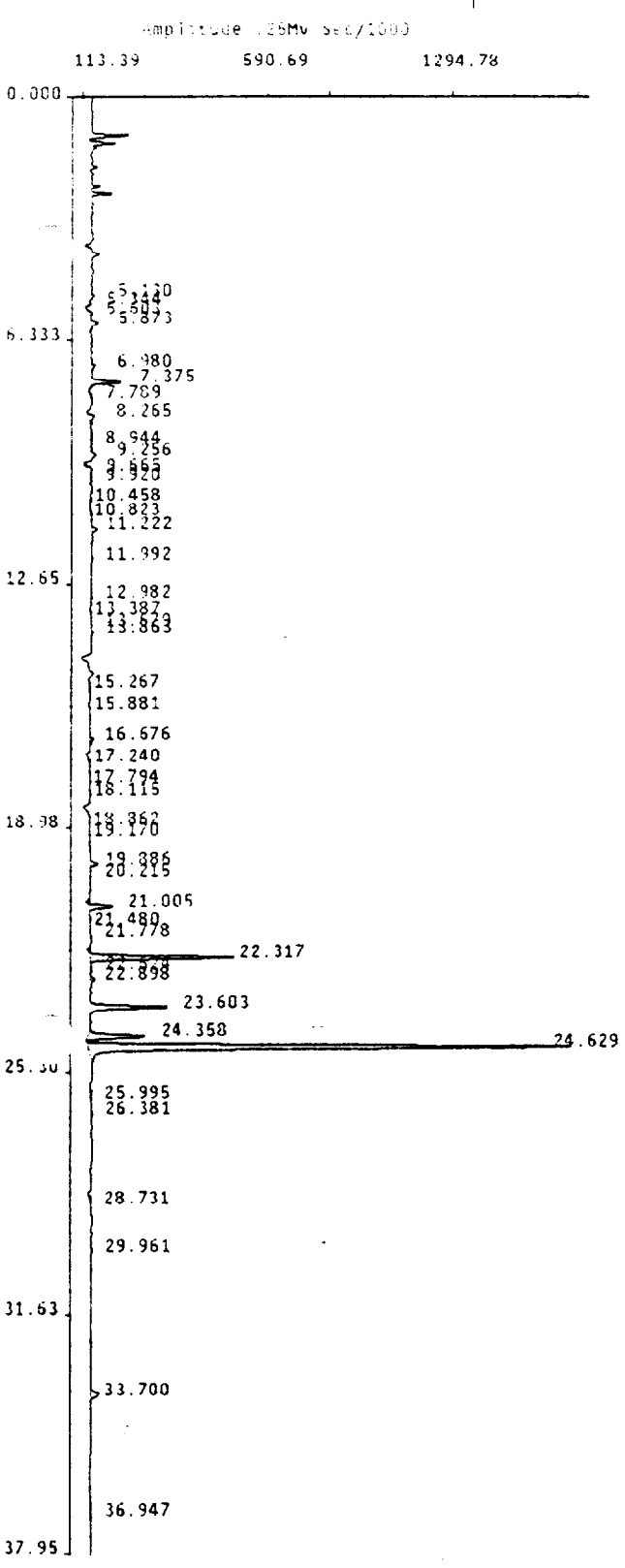
Total Area:

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1751 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-RB02
Lab Id : 940641-42
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL044.RES
Inject Time : 2137 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.13	14679	BB	.003	
2	5.34	8990	BB	.002	
3	5.60	22010	BB	.005	
4	5.87	31370	BB	.007	
5	6.98	16068	BB	.004	
6	7.38	93168	BB	.009	TCX
7	7.79	11428	BB	.003	
8	8.26	37149	BB	.008	
9	8.94	7361	BB	.002	
10	9.26	46724	BB	.010	
11	9.66	25626	BB	.006	
12	9.92	2056	BB	.000	
13	10.46	8115	BB	.002	
14	10.82	4740	BB	.001	
15	11.22	18817	BB	.004	
16	11.99	10774	BB	.002	
17	12.98	14844	BB	.003	
18	13.39	3176	BB	.001	
19	13.68	2490	BB	.001	
20	13.86	6443	BB	.001	DELTA-BHC
21	15.27	3534	BB	.001	
22	15.88	2153	BB	.000	
23	16.68	15175	BB	.003	
24	17.24	6978	BB	.001	H. EPOXIDE
25	17.79	7366	BB	.002	
26	18.12	2919	BB	.001	
27	18.86	2022	BB	.000	
28	19.17	2540	BB	.001	
29	19.89	24907	BB	.003	4,4'-DDE
30	20.21	3799	BB	.001	
31	21.01	67733	BB	.015	
32	21.48	4398	BB	.001	
33	21.78	3121	BB	.001	
34	22.32	450958	BB	.087	4,4'-DDD
35	22.62	3067	BB	.001	
36	22.90	13236	BB	.003	
37	23.60	278345	BB	.045	4,4'-DDT
38	24.36	214000	BB	.047	
39	24.63	1921145	BB	.422	
40	26.00	6658	BB	.001	
41	26.38	6160	BB	.001	

Sample Name : CLJ2-R802
Lab Id : 940641-42
Inst Id & Col : AD9_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL044.RES
Inject Time : 2137 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
42	28.73	16466	BB	.004	
43	29.96	2488	BB	.001	
44	33.70	47862	BB	.005	DCB
45	36.95	12558	BB	.003	
		3505618			

Total Area:

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1742 26Jul1994

PESTICIDES/PCBS

c. Standards Data

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Instrument ID: AD9_1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	10.24	10.24	10.24	10.24	10.19	10.29
beta-BHC	12.30	12.32	12.30	12.31	12.26	12.36
delta-BHC	13.88	13.88	13.88	13.88	13.83	13.93
gamma-BHC (Lindane)	11.94	11.93	11.94	11.94	11.89	11.99
Heptachlor	13.32	13.32	13.32	13.32	13.27	13.37
Aldrin	14.74	14.74	14.74	14.74	14.69	14.79
Heptachlor epoxide	17.24	17.25	17.24	17.24	17.17	17.31
Endosulfan I	18.77	18.77	18.77	18.77	18.70	18.84
Dieldrin	20.12	20.12	20.12	20.12	20.05	20.19
4,4'-DDE	19.90	19.90	19.89	19.90	19.83	19.97
Endrin	21.70	21.70	21.70	21.70	21.63	21.77
Endosulfan II	22.51	22.51	22.51	22.51	22.44	22.58
4,4'-DDD	22.34	22.33	22.32	22.33	22.26	22.40
Endosulfan sulfate	24.50	24.50	24.49	24.50	24.43	24.57
4,4'-DDT	23.62	23.61	23.61	23.61	23.54	23.68
Methoxychlor	27.42	27.41	27.41	27.41	27.34	27.48
Endrin ketone	27.76	27.76	27.76	27.76	27.69	27.83
Endrin aldehyde	23.96	23.95	23.95	23.95	23.88	24.02
alpha Chlordane	18.68	18.68	18.68	18.68	18.61	18.75
gamma Chlordane	17.97	17.97	17.96	17.97	17.90	18.04
Tetrachloro-m-xylene	7.38	7.38	7.38	7.38	7.33	7.43
Decachlorobiphenyl	33.72	33.71	33.71	33.71	33.61	33.81

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Instrument ID: AD8_1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	9.50	9.50	9.51	9.50	9.45	9.55
beta-BHC	14.18	14.18	14.18	14.18	14.13	14.23
delta-BHC	15.14	15.14	15.14	15.14	15.09	15.19
gamma-BHC (Lindane)	11.09	11.08	11.09	11.09	11.04	11.14
Heptachlor	11.96	11.96	11.96	11.96	11.91	12.01
Aldrin	13.08	13.08	13.08	13.08	13.03	13.13
Heptachlor epoxide	15.84	15.84	15.84	15.84	15.77	15.91
Endosulfan I	16.95	16.95	16.95	16.95	16.88	17.02
Dieldrin	18.47	18.47	18.47	18.47	18.40	18.54
4,4'-DDE	17.95	17.95	17.94	17.95	17.88	18.02
Endrin	19.29	19.29	19.29	19.29	19.22	19.36
Endosulfan II	21.28	21.28	21.28	21.28	21.21	21.35
4,4'-DDD	21.18	21.17	21.16	21.17	21.10	21.24
Endosulfan sulfate	24.20	24.21	24.20	24.20	24.13	24.27
4,4'-DDT	21.86	21.85	21.85	21.85	21.78	21.92
Methoxychlor	24.41	24.40	24.39	24.40	24.33	24.47
Endrin ketone	25.82	25.82	25.82	25.82	25.75	25.89
Endrin aldehyde	22.95	22.95	22.95	22.95	22.88	23.02
alpha Chlordane	17.44	17.44	17.44	17.44	17.37	17.51
gamma Chlordane	17.21	17.21	17.21	17.21	17.14	17.28
Tetrachloro-m-xylene	6.21	6.21	6.21	6.21	6.16	6.26
Decachlorobiphenyl	29.21	29.20	29.20	29.20	29.10	29.30

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Instrument ID: AD9_1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

	CALIBRATION FACTORS				
COMPOUND	LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	6740000	6600000	7870000	7070000	9.8
beta-BHC	5740000	5970000	5320000	5680000	5.8
delta-BHC	5770000	6380000	6220000	6120000	5.2
gamma-BHC (Lindane)	7080000	7790000	7930000	7600000	6.0
Heptachlor	10300000	10400000	10200000	10300000	1.0
Aldrin	7890000	8620000	8830000	8450000	5.8
Heptachlor epoxide	8160000	8960000	8070000	8400000	5.8
Endosulfan I	6800000	6810000	6900000	6840000	0.8
Dieldrin	6480000	6980000	7680000	7050000	8.6
4,4'-DDE	7130000	8050000	8070000	7750000	6.9
Endrin	5440000	5970000	6470000	5960000	8.6
Endosulfan II	5420000	5720000	5080000	5410000	5.9
4,4'-DDD	4840000	5160000	5410000	5140000	5.6
Endosulfan sulfate	6060000	6810000	6430000	6430000	5.8
4,4'-DDT	5490000	6150000	6830000	6160000	10.9
Methoxychlor	3490000	3710000	3250000	3480000	6.6
Endrin ketone	5210000	5690000	4900000	5270000	7.6
Endrin aldehyde	3960000	4400000	3720000	4030000	8.6
alpha Chlordane	9330000	9570000	9520000	9470000	1.3
gamma Chlordane	9610000	10600000	9650000	9950000	5.6
Tetrachloro-m-xylene	9910000	10400000	10300000	10200000	2.5
Decachlorobiphenyl	9860000	9810000	8730000	9470000	6.7

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Instrument ID: AD8_1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	6510000	7040000	8870000	7470000	16.6
beta-BHC	5910000	6590000	6190000	6230000	5.5
delta-BHC	4780000	5790000	6190000	5590000	13.0
gamma-BHC (Lindane)	7220000	7940000	9590000	8250000	14.7
Heptachlor	12400000	12400000	13000000	12600000	2.7
Aldrin	9280000	10300000	10600000	10100000	6.9
Heptachlor epoxide	10600000	11900000	11000000	11200000	6.0
Endosulfan I	8710000	9260000	9580000	9180000	4.8
Dieldrin	8000000	8960000	9810000	8920000	10.2
4,4'-DDE	7600000	8780000	9290000	8560000	10.1
Endrin	7170000	8080000	8680000	7980000	9.5
Endosulfan II	6810000	7960000	7340000	7370000	7.8
4,4'-DDD	5170000	5570000	6220000	5650000	9.4
Endosulfan sulfate	6670000	8290000	7800000	7590000	11.0
4,4'-DDT	4850000	5930000	7060000	5950000	18.6
Methoxychlor	4040000	4250000	3790000	4030000	5.7
Endrin ketone	3990000	5370000	5300000	4890000	15.9
Endrin aldehyde	3850000	4340000	4410000	4200000	7.3
alpha Chlordane	10700000	12000000	11300000	11300000	5.7
gamma Chlordane	11000000	12300000	11700000	11700000	5.6
Tetrachloro-m-xylene	11300000	11600000	11400000	11400000	1.3
Decachlorobiphenyl	13600000	13400000	11500000	12800000	9.0

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Instrument ID: AD9_1 Date(s) Analyzed: 07/21/94 07/21/94

GC Column: DB608 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	16.04	15.97	16.11	34300
		*2	21.93	21.86	22.00	60200
		*3	22.60	22.53	22.67	171000
		4	23.62	23.55	23.69	114000
		5	26.11	26.04	26.18	122000
Aroclor 1016	0.100	*1	10.09	10.02	10.16	308000
		*2	11.88	11.81	11.95	708000
		*3	13.46	13.39	13.53	1090000
		4	14.16	14.09	14.23	361000
		5	16.27	16.20	16.34	314000
Aroclor 1221	0.200	*1	9.18	9.11	9.25	152000
		*2	9.82	9.75	9.89	111000
		*3	10.09	10.02	10.16	349000
		4	11.85	11.78	11.92	102000
		5	13.46	13.39	13.53	57100
Aroclor 1232	0.100	*1	9.81	9.74	9.88	49500
		*2	10.08	10.01	10.15	193000
		*3	11.87	11.80	11.94	167000
		4	13.45	13.38	13.52	224000
		5	16.26	16.19	16.33	65200
Aroclor 1242	0.100	*1	10.08	10.01	10.15	259000
		*2	11.87	11.80	11.94	594000
		*3	13.45	13.38	13.52	884000
		4	14.16	14.09	14.23	289000
		5	16.26	16.19	16.33	269000
Aroclor 1248	0.100	*1	11.87	11.80	11.94	261000
		*2	13.45	13.38	13.52	669000
		*3	16.26	16.19	16.33	331000
		4	17.40	17.33	17.47	330000
		5	17.67	17.60	17.74	411000
Aroclor 1254	0.100	*1	14.86	14.79	14.93	327000
		*2	18.02	17.95	18.09	427000
		*3	18.30	18.23	18.37	502000
		4	20.55	20.48	20.62	462000
		5	23.56	23.49	23.63	345000
Aroclor 1260	0.100	*1	21.32	21.25	21.39	838000
		*2	21.70	21.63	21.77	882000
		*3	25.26	25.19	25.33	401000
		4	25.84	25.77	25.91	1140000
		5	27.80	27.73	27.87	404000

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Instrument ID: AD8_1 Date(s) Analyzed: 07/21/94 07/21/94

GC Column: DB1701 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	15.03	14.96	15.10	33100
		*2	19.00	18.93	19.07	68100
		*3	20.52	20.45	20.59	66300
		4	22.56	22.49	22.63	72000
		5	24.00	23.93	24.07	130000
Aroclor 1016	0.100	*1	8.38	8.31	8.45	328000
		*2	9.84	9.77	9.91	672000
		*3	11.70	11.63	11.77	1010000
		4	13.09	13.02	13.16	898000
		5	14.03	13.96	14.10	514000
Aroclor 1221	0.200	*1	7.57	7.50	7.64	120000
		*2	8.14	8.07	8.21	94300
		*3	8.37	8.30	8.44	401000
		4	9.84	9.77	9.91	34900
		5	11.70	11.63	11.77	50700
Aroclor 1232	0.100	*1	8.38	8.31	8.45	196000
		*2	9.84	9.77	9.91	132000
		*3	11.70	11.63	11.77	194000
		4	13.09	13.02	13.16	166000
		5	14.02	13.95	14.09	95400
Aroclor 1242	0.100	*1	9.83	9.76	9.90	559000
		*2	11.69	11.62	11.76	794000
		*3	13.08	13.01	13.15	724000
		4	14.02	13.95	14.09	425000
		5	14.40	14.33	14.47	293000
Aroclor 1248	0.100	*1	11.70	11.63	11.77	578000
		*2	13.08	13.01	13.15	1040000
		*3	14.02	13.95	14.09	574000
		4	15.75	15.68	15.82	916000
		5	16.67	16.60	16.74	307000
Aroclor 1254	0.100	*1	13.02	12.95	13.09	554000
		*2	15.62	15.55	15.69	331000
		*3	16.41	16.34	16.48	485000
		4	18.22	18.15	18.29	498000
		5	21.19	21.12	21.26	468000
Aroclor 1260	0.100	*1	18.83	18.76	18.90	963000
		*2	19.80	19.73	19.87	1060000
		*3	22.59	22.52	22.66	576000
		4	23.78	23.71	23.85	1440000
		5	25.17	25.10	25.24	844000

* Denotes required peaks

6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column (1): DB1701 ID: 0.53(mm) Instrument ID (1): AD8_1

EPA Sample No. (Standard 1): RESC1A Lab Sample ID (1): RESC1A

Date Analyzed (1): 07/21/94 Time Analyzed (1): 1205

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.22	100.0
02	Endosulfan I	16.97	100.0
03	gamma-Chlordane	17.23	100.0
04	4,4'-DDE	17.96	100.0
05	Dieldrin	18.49	100.0
06	Endosulfan sulfate	24.23	86.5
07	Methoxychlor	24.43	100.0
08	Endrin ketone	25.84	100.0
09	Decachlorobiphenyl	29.22	

GC Column (2): DB608 ID: 0.53(mm) Instrument ID (2): AD9_1

EPA Sample No. (Standard 2): RESC0A Lab Sample ID (2): RESC0A

Date Analyzed (2): 07/21/94 Time Analyzed (2): 1205

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.38	100.0
02	gamma-Chlordane	17.97	100.0
03	Endosulfan I	18.77	100.0
04	4,4'-DDE	19.92	92.7
05	Dieldrin	20.13	100.0
06	Endosulfan sulfate	24.50	100.0
07	Methoxychlor	27.43	96.2
08	Endrin ketone	27.78	100.0
09	Decachlorobiphenyl	33.73	

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%.

ate -> 9:04 AM WED., 27 JULY, 1994
ethod File -> /DATA/METHOD/INDABRSD95L.MTH
nstrument -> AD_9

Compound	3 X RT SD	MEAN RF	% RSD RF	JUL011.RES .0050	JUL015.RES .0200	JUL019.RES .0800	JUL013.RES .0100	JUL017.RES .0400
CX	.0036	.66816E-06	8.00	.98848E-07	.87191E07	.94087E-07	.84516E-07	.81392E-07
LPHA-BHC	0.0000	.13124E-06	13.63	.14835E-06	.15152E-06	.12713E-06	.11294E-06	.11628E-06
AMMA-BHC	0.0000	.12313E-06	10.94	.14122E-06	.12836E-06	.12618E-06	.10732E-06	.11255E-06
ETA-BHC	.0269	.17094E-06	6.36	.17410E-06	.16743E-06	.18806E-06	.15959E-06	.16554E-06
EPTACHLOR	.0073	.56564E-05	10.71	.97037E-07	.96113E-07	.97773E-07	.75878E-07	.84738E-07
ELTA-BHC	.0047	.15396E-06	9.53	.17322E-06	.15684E-06	.16073E-06	.14242E-06	.13697E-06
LDRIN	.0063	.11312E-06	8.21	.12671E-06	.11599E-06	.11328E-06	.10750E-06	.10215E-06
. EPOXIDE	.0042	.10625E-06	17.47	.12257E-06	.11157E-06	.13365E-06	.85346E-07	.87914E-07
. CHLORDANE	.0041	.99421E-07	4.27	.10411E-06	.94375E-07	.10360E-06	.97539E-07	.97482E-07
. CHLORDANE	.0036	.10028E-06	7.31	.13716E-06	.10452E-06	.10507E-06	.91975E-07	.92685E-07
NDOSULF. I	0.0000	.13555E-06	11.32	.14701E-06	.14683E-06	.14501E-06	.11330E-06	.12560E-06
,4'-DDE	.0052	.12517E-06	7.66	.14032E-06	.12417E-06	.12385E-06	.12387E-06	.11361E-06
IELDRIN	0.0000	.13224E-06	12.52	.15439E-06	.14317E-06	.13019E-06	.11621E-06	.11723E-06
NDRIN	0.0000	.13631E-06	12.67	.18377E-06	.16761E-06	.15450E-06	.13731E-06	.13835E-06
,4'-DDD	0.0000	.17914E-06	13.07	.20646E-06	.19577E-06	.16472E-06	.14940E-06	.16134E-06
NDOSULF.II	.0050	.17056E-06	12.70	.18441E-06	.17479E-06	.19673E-06	.14691E-06	.14998E-06
,4'-DDT	0.0000	.15137E-06	14.01	.18227E-06	.16253E-06	.14651E-06	.13410E-06	.13145E-06
NDRIN ALDEH	.0040	.21533E-06	22.83	.25280E-06	.22717E-06	.26848E-06	.15921E-06	.16897E-06
NDO. SULFAT	.0039	.14756E-06	8.81	.16494E-06	.14695E-06	.15551E-06	.13664E-06	.13573E-06
ETHOXYCHLOR	0.0000	.26528E-06	13.74	.28658E-06	.26972E-06	.30814E-06	.21292E-06	.24906E-06
NDRIN KETON	.0042	.18105E-06	9.25	.19207E-06	.17560E-06	.20420E-06	.16338E-06	.17003E-06
CB	.0036	.97509E-07	10.74	.99600E-07	.94026E-07	.11404E-06	.85791E-07	.94082E-07

******** END OF REPORT ********

Date - 9:16 AM WED., 27 JULY, 1994
Method File - /DATA/METHOD/INDABRSD85L.MTH
Instrument -> AD_8

Compound	3 X RT SD	MEAN RF	% RSD RF	JUL011.RES .0050	JUL015.RES .0200	JUL019.RES .0800	JUL013.RES .0100	JUL017.RES .0400
TCX	.0040	.82123E-07	6.23	.85771E-07	.80997E-07	.88909E-07	.78071E-07	.76869E-07
ALPHA-BHC	0.0000	.12691E-06	15.53	.15362E-06	.14213E-06	.11271E-06	.11633E-06	.10974E-06
GAMMA-BHC	0.0000	.11398E-06	15.25	.13856E-06	.12587E-06	.10426E-06	.10280E-06	.98389E-07
HEPTACHLOR	.0075	.67447E-05	11.30	.80881E-07	.80606E-07	.76998E-07	.62509E-07	.67354E-07
ALDRIN	.0064	.95348E-07	8.56	.10774E-06	.96730E-07	.94056E-07	.93054E-07	.85159E-07
BETA-BHC	.0048	.15536E-06	6.24	.16908E-06	.15182E-06	.16157E-06	.14627E-06	.14605E-06
DELTA-BHC	.0042	.16885E-06	14.69	.20919E-06	.17257E-06	.16160E-06	.15720E-06	.14370E-06
H. EPOXIDE	.0049	.83540E-07	11.22	.94356E-07	.84050E-07	.90896E-07	.75907E-07	.72491E-07
ENDOSULF. I	.0024	.22080E-05	11.59	.11483E-06	.10793E-06	.10433E-06	.86320E-07	.91877E-07
G. CHLORDANE	.0062	.83451E-07	6.03	.90947E-07	.81127E-07	.85814E-07	.81363E-07	.78003E-07
A. CHLORDANE	.0055	.84365E-07	7.70	.93392E-07	.83166E-07	.88134E-07	.80076E-07	.77054E-07
4,4'-DDE	.0097	.11189E-06	11.06	.13161E-06	.11387E-06	.10766E-06	.10811E-06	.98204E-07
DIELDRIN	0.0000	.10403E-06	14.01	.12498E-06	.11162E-06	.10190E-06	.91192E-07	.90459E-07
ENDRIN	0.0000	.11646E-06	13.60	.13948E-06	.12369E-06	.11517E-06	.10221E-06	.10173E-06
4,4'-DDD	0.0000	.16407E-06	13.55	.19351E-06	.17956E-06	.16088E-06	.14265E-06	.14393E-06
ENDOSULF. II	.0045	.12519E-06	13.53	.14683E-06	.12558E-06	.13619E-06	.11115E-06	.10620E-06
4,4'-DDT	0.0000	.15850E-06	16.88	.20618E-06	.16851E-06	.14173E-06	.14476E-06	.13133E-06
ENDRIN ALDEH	.0042	.19985E-06	27.53	.25973E-06	.23019E-06	.22683E-06	.13950E-06	.14299E-06
ENDO. SULFAT	.0046	.12597E-06	11.78	.14989E-06	.12068E-06	.12827E-06	.12082E-06	.11018E-06
METHOXYCHLOR	0.0000	.22759E-06	14.78	.24767E-06	.23531E-06	.26359E-06	.17655E-06	.21481E-06
ENDRIN KETON	.0047	.19406E-06	17.11	.25035E-06	.18614E-06	.18972E-06	.18317E-06	.16194E-06
DCB	.0072	.69032E-07	13.95	.61655E-07	.67895E-07	.85239E-07	.61812E-07	.68561E-07

******** END OF REPORT ********

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK00 Date Analyzed : 07/21/94

Lab Sample ID (PIBLK): PIBLK00 Time Analyzed : 1204

EPA Sample No. (PEM): PEM0A Date Analyzed : 07/21/94

Lab Sample ID (PEM): PEM0A Time Analyzed : 1249

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.25	10.19	10.29	0.009	0.010	10.0
beta-BHC	12.30	12.26	12.36	0.008	0.010	20.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.008	0.010	20.0
Endrin	21.71	21.63	21.77	0.043	0.050	14.0
4,4'-DDT	23.62	23.54	23.68	0.096	0.100	4.0
Methoxychlor	27.42	27.34	27.48	0.206	0.250	17.6

4,4'-DDT % breakdown (1): 2.6 Endrin % breakdown (1): 7.6

Combined % breakdown (1): 10.2

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK0A Date Analyzed : 07/22/94

Lab Sample ID (PIBLK): PIBLK0A Time Analyzed : 0207

EPA Sample No. (PEM): PEM0B Date Analyzed : 07/22/94

Lab Sample ID (PEM): PEM0B Time Analyzed : 0252

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.010	0.010	0.0
beta-BHC	12.30	12.26	12.36	0.008	0.010	20.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.009	0.010	10.0
Endrin	21.70	21.63	21.77	0.046	0.050	8.0
4,4'-DDT	23.61	23.54	23.68	0.101	0.100	1.0
Methoxychlor	27.41	27.34	27.48	0.235	0.250	6.0

4,4'-DDT % breakdown (1): 2.6 Endrin % breakdown (1): 10.0

Combined % breakdown (1): 12.6

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK0D Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK0D Time Analyzed : 0903

EPA Sample No. (PEM): PEM0D Date Analyzed : 07/25/94

Lab Sample ID (PEM): PEM0D Time Analyzed : 0947

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.009	0.010	10.0
beta-BHC	12.30	12.26	12.36	0.009	0.010	10.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.009	0.010	10.0
Endrin	21.71	21.63	21.77	0.054	0.050	8.0
4,4'-DDT	23.62	23.54	23.68	0.111	0.100	11.0
Methoxychlor	27.42	27.34	27.48	0.254	0.250	1.6

4,4'-DDT % breakdown (1): 1.7 Endrin % breakdown (1): 4.6

Combined % breakdown (1): 6.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ3FB

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK0F Date Analyzed : 07/26/94

Lab Sample ID (PIBLK): PIBLK0F Time Analyzed : 0416

EPA Sample No. (PEM): PEM0E Date Analyzed : 07/26/94

Lab Sample ID (PEM): PEM0E Time Analyzed : 0500

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.009	0.010	10.0
beta-BHC	12.30	12.26	12.36	0.010	0.010	0.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.010	0.010	0.0
Endrin	21.70	21.63	21.77	0.059	0.050	18.0
4,4'-DDT	23.61	23.54	23.68	0.111	0.100	11.0
Methoxychlor	27.41	27.34	27.48	0.261	0.250	4.4

4,4'-DDT % breakdown (1): 5.2 Endrin % breakdown (1): 4.6

Combined % breakdown (1): 9.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/9

EPA Sample No. (PIBLK): PIBLK10 Date Analyzed : 07/21/94

Lab Sample ID (PIBLK): PIBLK10 Time Analyzed : 1204

EPA Sample No. (PEM): PEM1A Date Analyzed : 07/21/94

Lab Sample ID (PEM): PEM1A Time Analyzed : 1249

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.008	0.010	20.0
beta-BHC	14.20	14.13	14.23	0.008	0.010	20.0
gamma-BHC (Lindane)	11.09	11.04	11.14	0.008	0.010	20.0
Endrin	19.30	19.22	19.36	0.047	0.050	6.0
4,4'-DDT	21.86	21.78	21.92	0.108	0.100	8.0
Methoxychlor	24.40	24.33	24.47	0.225	0.250	10.0

4,4'-DDT % breakdown (1): 1.6 Endrin % breakdown (1): 5.2

Combined % breakdown (1): 6.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK1A Date Analyzed : 07/22/94

Lab Sample ID (PIBLK): PIBLK1A Time Analyzed : 0207

EPA Sample No. (PEM): PEM1B Date Analyzed : 07/22/94

Lab Sample ID (PEM): PEM1B Time Analyzed : 0252

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.50	9.45	9.55	0.009	0.010	10.0
beta-BHC	14.18	14.13	14.23	0.008	0.010	20.0
gamma-BHC (Lindane)	11.08	11.04	11.14	0.009	0.010	10.0
Endrin	19.29	19.22	19.36	0.045	0.050	10.0
4,4'-DDT	21.85	21.78	21.92	0.106	0.100	6.0
Methoxychlor	24.40	24.33	24.47	0.236	0.250	5.6

4,4'-DDT % breakdown (1): 1.0 Endrin % breakdown (1): 13.8

Combined % breakdown (1): 14.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

42A

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/9

EPA Sample No. (PIBLK): PIBLK1D Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK1D Time Analyzed : 0903

EPA Sample No. (PEM): PEM1D Date Analyzed : 07/25/94

Lab Sample ID (PEM): PEM1D Time Analyzed : 0947

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.010	0.010	0.0
beta-BHC	14.19	14.13	14.23	0.008	0.010	20.0
gamma-BHC (Lindane)	11.09	11.04	11.14	0.010	0.010	0.0
Endrin	19.30	19.22	19.36	0.049	0.050	2.0
4,4'-DDT	21.86	21.78	21.92	0.117	0.100	17.0
Methoxychlor	24.40	24.33	24.47	0.268	0.250	7.2

4,4'-DDT % breakdown (1): 0.2 Endrin % breakdown (1): 3.8

Combined % breakdown (1): 4.0

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/9

EPA Sample No. (PIBLK): PIBLK1F Date Analyzed : 07/26/94

Lab Sample ID (PIBLK): PIBLK1F Time Analyzed : 0416

EPA Sample No. (PEM): PEM1E Date Analyzed : 07/26/94

Lab Sample ID (PEM): PEM1E Time Analyzed : 0500

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.011	0.010	10.0
beta-BHC	14.18	14.13	14.23	0.009	0.010	10.0
gamma-BHC (Lindane)	11.09	11.04	11.14	0.010	0.010	0.0
Endrin	19.30	19.22	19.36	0.049	0.050	2.0
4,4'-DDT	21.85	21.78	21.92	0.118	0.100	18.0
Methoxychlor	24.40	24.33	24.47	0.277	0.250	10.8

4,4'-DDT % breakdown (1): 0.4 Endrin % breakdown (1): 3.4

Combined % breakdown (1): 3.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/9

EPA Sample No. (PIBLK): PIBLK0E Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK0E Time Analyzed : 1755

EPA Sample No. (INDA): INDAM0C Date Analyzed : 07/25/94

Lab Sample ID (INDA): INDAM0C Time Analyzed : 1839

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.0216	0.0200	8.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.0208	0.0200	4.0
Heptachlor	13.32	13.27	13.37	0.0214	0.0200	7.0
Endosulfan I	18.77	18.70	18.84	0.0215	0.0200	7.5
Dieldrin	20.12	20.05	20.19	0.0418	0.0400	4.5
Endrin	21.70	21.63	21.77	0.0451	0.0400	12.8
4,4'-DDD	22.32	22.26	22.40	0.0428	0.0400	7.0
4,4'-DDT	23.61	23.54	23.68	0.0395	0.0400	1.2
Methoxychlor	27.40	27.34	27.48	0.212	0.200	6.0
Tetrachloro-m-xylene	7.38	7.33	7.43	0.0209	0.0200	4.5
Decachlorobiphenyl	33.70	33.61	33.81	0.0429	0.0400	7.2

EPA Sample No. (INDB): INDBM0C Date Analyzed : 07/25/94

Lab Sample ID (INDB): INDBM0C Time Analyzed : 1923

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	12.29	12.26	12.36	0.0225	0.0200	12.5
delta-BHC	13.88	13.83	13.93	0.0212	0.0200	6.0
Aldrin	14.73	14.69	14.79	0.0205	0.0200	2.5
Heptachlor epoxide	17.24	17.17	17.31	0.0208	0.0200	4.0
4,4'-DDE	19.89	19.83	19.97	0.0401	0.0400	0.2
Endosulfan II	22.51	22.44	22.58	0.0430	0.0400	7.5
Endosulfan sulfate	24.49	24.43	24.57	0.0410	0.0400	2.5
Endrin ketone	27.76	27.69	27.83	0.0415	0.0400	3.8
Endrin aldehyde	23.95	23.88	24.02	0.0420	0.0400	5.0
alpha-Chlordane	18.68	18.61	18.75	0.0202	0.0200	1.0
gamma-Chlordane	17.96	17.90	18.04	0.0201	0.0200	0.5
Tetrachloro-m-xylene	7.38	7.33	7.43	0.0227	0.0200	13.5
Decachlorobiphenyl	33.70	33.61	33.81	0.0452	0.0400	13.0

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/9

EPA Sample No. (PIBLK): PIBLK0G Date Analyzed : 07/26/94

Lab Sample ID (PIBLK): PIBLK0G Time Analyzed : 0926

EPA Sample No. (INDA): INDAM0D Date Analyzed : 07/26/94

Lab Sample ID (INDA): INDAM0D Time Analyzed : 1011

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.0222	0.0200	11.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.0224	0.0200	12.0
Heptachlor	13.33	13.27	13.37	0.0218	0.0200	9.0
Endosulfan I	18.78	18.70	18.84	0.0224	0.0200	12.0
Dieldrin	20.13	20.05	20.19	0.0435	0.0400	8.8
Endrin	21.71	21.63	21.77	0.0458	0.0400	14.5
4,4'-DDD	22.33	22.26	22.40	0.0447	0.0400	11.8
4,4'-DDT	23.62	23.54	23.68	0.0399	0.0400	0.2
Methoxychlor	27.42	27.34	27.48	0.215	0.200	7.5
Tetrachloro-m-xylene	7.38	7.33	7.43	0.0211	0.0200	5.5
Decachlorobiphenyl	33.72	33.61	33.81	0.0455	0.0400	13.8

EPA Sample No. (INDB): INDBM0D Date Analyzed : 07/26/94

Lab Sample ID (INDB): INDBM0D Time Analyzed : 1055

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	12.30	12.26	12.36	0.0232	0.0200	16.0
delta-BHC	13.88	13.83	13.93	0.0224	0.0200	12.0
Aldrin	14.74	14.69	14.79	0.0214	0.0200	7.0
Heptachlor epoxide	17.24	17.17	17.31	0.0220	0.0200	10.0
4,4'-DDE	19.89	19.83	19.97	0.0427	0.0400	6.8
Endosulfan II	22.51	22.44	22.58	0.0467	0.0400	16.8
Endosulfan sulfate	24.49	24.43	24.57	0.0438	0.0400	9.5
Endrin ketone	27.76	27.69	27.83	0.0452	0.0400	13.0
Endrin aldehyde	23.95	23.88	24.02	0.0448	0.0400	12.0
alpha-Chlordane	18.68	18.61	18.75	0.0211	0.0200	5.5
gamma-Chlordane	17.96	17.90	18.04	0.0212	0.0200	6.0
Tetrachloro-m-xylene	7.38	7.33	7.43	0.0232	0.0200	16.0
Decachlorobiphenyl	33.70	33.61	33.81	0.0485	0.0400	21.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/9.

EPA Sample No. (PIBLK): PIBLK1E Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK1E Time Analyzed : 1755

EPA Sample No. (INDA): INDAM1C Date Analyzed : 07/25/94

Lab Sample ID (INDA): INDAM1C Time Analyzed : 1839

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.50	9.45	9.55	0.0215	0.0200	7.5
gamma-BHC (Lindane)	11.08	11.04	11.14	0.0212	0.0200	6.0
Heptachlor	11.96	11.91	12.01	0.0205	0.0200	2.5
Endosulfan I	16.95	16.88	17.02	0.0210	0.0200	5.0
Dieldrin	18.47	18.40	18.54	0.0416	0.0400	4.0
Endrin	19.29	19.22	19.36	0.0444	0.0400	11.0
4,4'-DDD	21.16	21.10	21.24	0.0454	0.0400	13.5
4,4'-DDT	21.85	21.78	21.92	0.0404	0.0400	1.0
Methoxychlor	24.39	24.33	24.47	0.217	0.200	8.5
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0208	0.0200	4.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0422	0.0400	5.5

EPA Sample No. (INDB): INDBM1C Date Analyzed : 07/25/94

Lab Sample ID (INDB): INDBM1C Time Analyzed : 1923

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.18	14.13	14.23	0.0209	0.0200	4.5
delta-BHC	15.14	15.09	15.19	0.0208	0.0200	4.0
Aldrin	13.08	13.03	13.13	0.0201	0.0200	0.5
Heptachlor epoxide	15.84	15.77	15.91	0.0202	0.0200	1.0
4,4'-DDE	17.94	17.88	18.02	0.0419	0.0400	4.8
Endosulfan II	21.28	21.21	21.35	0.0416	0.0400	4.0
Endosulfan sulfate	24.20	24.13	24.27	0.0390	0.0400	2.5
Endrin ketone	25.82	25.75	25.89	0.0416	0.0400	4.0
Endrin aldehyde	22.94	22.88	23.02	0.0397	0.0400	0.8
alpha-Chlordane	17.44	17.37	17.51	0.0202	0.0200	1.0
gamma-Chlordane	17.21	17.14	17.28	0.0202	0.0200	1.0
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0218	0.0200	9.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0439	0.0400	9.8

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK1G Date Analyzed : 07/26/94

Lab Sample ID (PIBLK): PIBLK1G Time Analyzed : 0926

EPA Sample No. (INDA): INDAM1D Date Analyzed : 07/26/94

Lab Sample ID (INDA): INDAM1D Time Analyzed : 1011

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.0219	0.0200	9.5
gamma-BHC (Lindane)	11.09	11.04	11.14	0.0217	0.0200	8.5
Heptachlor	11.97	11.91	12.01	0.0206	0.0200	3.0
Endosulfan I	16.96	16.88	17.02	0.0210	0.0200	5.0
Dieldrin	18.48	18.40	18.54	0.0420	0.0400	5.0
Endrin	19.30	19.22	19.36	0.0436	0.0400	9.0
4,4'-DDD	21.17	21.10	21.24	0.0461	0.0400	15.2
4,4'-DDT	21.86	21.78	21.92	0.0397	0.0400	0.8
Methoxychlor	24.40	24.33	24.47	0.215	0.200	7.5
Tetrachloro-m-xylene	6.22	6.16	6.26	0.0208	0.0200	4.0
Decachlorobiphenyl	29.21	29.10	29.30	0.0436	0.0400	9.0

EPA Sample No. (INDB): INDBM1D Date Analyzed : 07/26/94

Lab Sample ID (INDB): INDBM1D Time Analyzed : 1055

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.18	14.13	14.23	0.0218	0.0200	9.0
delta-BHC	15.14	15.09	15.19	0.0219	0.0200	9.5
Aldrin	13.08	13.03	13.13	0.0209	0.0200	4.5
Heptachlor epoxide	15.84	15.77	15.91	0.0210	0.0200	5.0
4,4'-DDE	17.94	17.88	18.02	0.0435	0.0400	8.8
Endosulfan II	21.28	21.21	21.35	0.0440	0.0400	10.0
Endosulfan sulfate	24.20	24.13	24.27	0.0407	0.0400	1.8
Endrin ketone	25.82	25.75	25.89	0.0451	0.0400	12.8
Endrin aldehyde	22.95	22.88	23.02	0.0495	0.0400	23.8
alpha-Chlordane	17.44	17.37	17.51	0.0210	0.0200	5.0
gamma-Chlordane	17.21	17.14	17.28	0.0210	0.0200	5.0
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0223	0.0200	11.5
Decachlorobiphenyl	29.20	29.10	29.30	0.0466	0.0400	16.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

Instrument ID: AD9_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 7.38 DCB: 33.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK00	PIBLK00	07/21/94	1204	7.38		33.71	
02	RESC0A	RESC0A	07/21/94	1205	7.38		33.73	
03	PEM0A	PEM0A	07/21/94	1249	7.39		33.72	
04	AR16600A	AR16600A	07/21/94	1334	7.38		33.71	
05	AR12210A	AR12210A	07/21/94	1418	7.38		33.72	
06	AR12320A	AR12320A	07/21/94	1502	7.38		33.71	
07	AR12420A	AR12420A	07/21/94	1547	7.38		33.71	
08	AR12480A	AR12480A	07/21/94	1631	7.38		33.71	
09	AR12540A	AR12540A	07/21/94	1715	7.38		33.71	
10	TOXAPH0A	TOXAPH0A	07/21/94	1800	7.38		33.71	
11	INDAL0A	INDAL0A	07/21/94	1844	7.38		33.72	
12	INDBL0A	INDBL0A	07/21/94	1928	7.38		33.71	
13	INDAM0A	INDAM0A	07/21/94	2141	7.38		33.71	
14	INDBM0A	INDBM0A	07/21/94	2226	7.38		33.71	
15	INDAH0A	INDAH0A	07/22/94	0039	7.38		33.71	
16	INDBH0A	INDBH0A	07/22/94	0123	7.38		33.71	
17	PIBLK0A	PIBLK0A	07/22/94	0207	7.38		33.71	
18	PEM0B	PEM0B	07/22/94	0252	7.38		33.71	
19	PIBLK0D	PIBLK0D	07/25/94	0903	7.38		33.73	
20	PEM0D	PEM0D	07/25/94	0947	7.38		33.72	
21	CLJ2-FB01	940641-40	07/25/94	1542	7.38		33.70	
22	PIBLK0E	PIBLK0E	07/25/94	1755	7.38		33.71	
23	INDAM0C	INDAM0C	07/25/94	1839	7.38		33.70	
24	INDBM0C	INDBM0C	07/25/94	1923	7.38		33.70	
25	CLJ2-RB01	940641-41	07/25/94	2008	7.38		33.70	
26	CLJ2-RB02	940641-42	07/25/94	2137	7.38		33.70	
27	PBLK04	P0721-B4	07/25/94	2305	7.38		33.70	
28	PIBLK0F	PIBLK0F	07/26/94	0416	7.38		33.71	
29	PEM0E	PEM0E	07/26/94	0500	7.38		33.71	
30	PIBLK0G	PIBLK0G	07/26/94	0926	7.38		33.73	
31	INDAM0D	INDAM0D	07/26/94	1011	7.38		33.72	
32	INDBM0D	INDBM0D	07/26/94	1055	7.38		33.70	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

Instrument ID: AD8_1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.21 DCB: 29.20

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK10	PIBLK10	07/21/94	1204	6.21		29.21	
02	RESC1A	RESC1A	07/21/94	1205	6.22		29.22	
03	PEM1A	PEM1A	07/21/94	1249	6.22		29.21	
04	AR16601A	AR16601A	07/21/94	1334	6.22		29.20	
05	AR12211A	AR12211A	07/21/94	1418	6.21		29.21	
06	AR12321A	AR12321A	07/21/94	1502	6.21		29.20	
07	AR12421A	AR12421A	07/21/94	1547	6.21		29.20	
08	AR12481A	AR12481A	07/21/94	1631	6.21		29.20	
09	AR12541A	AR12541A	07/21/94	1715	6.21		29.20	
10	TOXAPH1A	TOXAPH1A	07/21/94	1800	6.21		29.20	
11	INDAL1A	INDAL1A	07/21/94	1844	6.21		29.21	
12	INDBL1A	INDBL1A	07/21/94	1928	6.21		29.20	
13	INDAM1A	INDAM1A	07/21/94	2141	6.21		29.20	
14	INDBM1A	INDBM1A	07/21/94	2226	6.21		29.20	
15	INDAH1A	INDAH1A	07/22/94	0039	6.21		29.20	
16	INDBH1A	INDBH1A	07/22/94	0123	6.21		29.20	
17	PIBLK1A	PIBLK1A	07/22/94	0207	6.21		29.21	
18	PEM1B	PEM1B	07/22/94	0252	6.21		29.20	
19	PIBLK1D	PIBLK1D	07/25/94	0903	6.21		29.22	
20	PEM1D	PEM1D	07/25/94	0947	6.22		29.21	
21	CLJ2-FB01	940641-40	07/25/94	1542	6.21		29.20	
22	PIBLK1E	PIBLK1E	07/25/94	1755	6.21		29.20	
23	INDAM1C	INDAM1C	07/25/94	1839	6.21		29.20	
24	INDBM1C	INDBM1C	07/25/94	1923	6.21		29.20	
25	CLJ2-RB01	940641-41	07/25/94	2008	6.21		29.19	
26	CLJ2-RB02	940641-42	07/25/94	2137	6.21		29.19	
27	PBLK04	P0721-B4	07/25/94	2305	6.21		29.20	
28	PIBLK1F	PIBLK1F	07/26/94	0416	6.21		29.20	
29	PEM1E	PEM1E	07/26/94	0500	6.21		29.20	
30	PIBLK1G	PIBLK1G	07/26/94	0926	6.22		29.21	
31	INDAM1D	INDAM1D	07/26/94	1011	6.22		29.21	
32	INDBM1D	INDBM1D	07/26/94	1055	6.21		29.20	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-RB01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Lab Sample ID : 940641-41 Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1 Instrument ID (2): AD8_1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	22.32	22.26	22.40	0.244	
	2	21.15	21.10	21.24	0.209	16.8
4,4'-DDT	1	23.60	23.54	23.68	0.463	
	2	21.84	21.78	21.92	0.582	25.7

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-RB02

Lab Name: CEIMIC CORP Contract: OHM

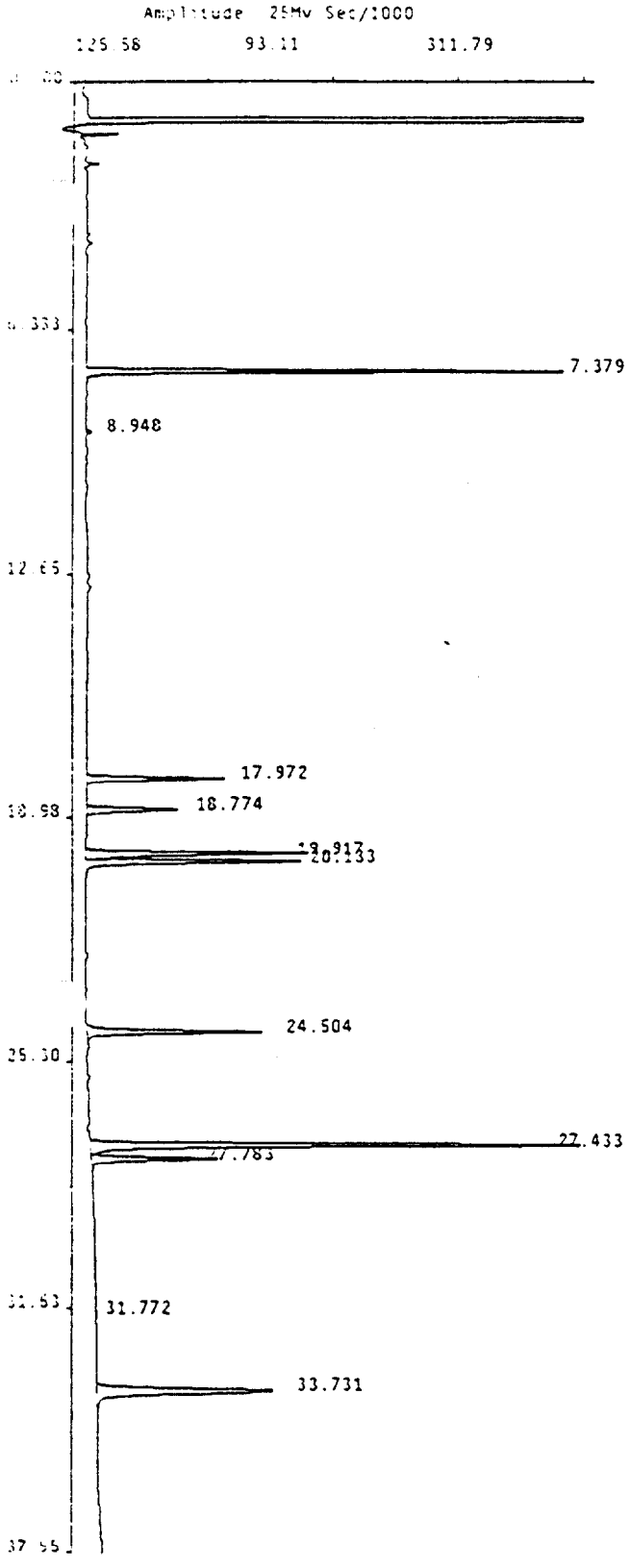
Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Lab Sample ID : 940641-42 Dates(s) Analyzed: 07/25/94 07/25/94

Instrument ID (1): AD9_1 Instrument ID (2): AD8_1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	22.32	22.26	22.40	0.874	
	2	21.15	21.10	21.24	0.947	8.4
4,4'-DDT	1	23.60	23.54	23.68	0.453	
	2	21.84	21.78	21.92	0.520	14.8



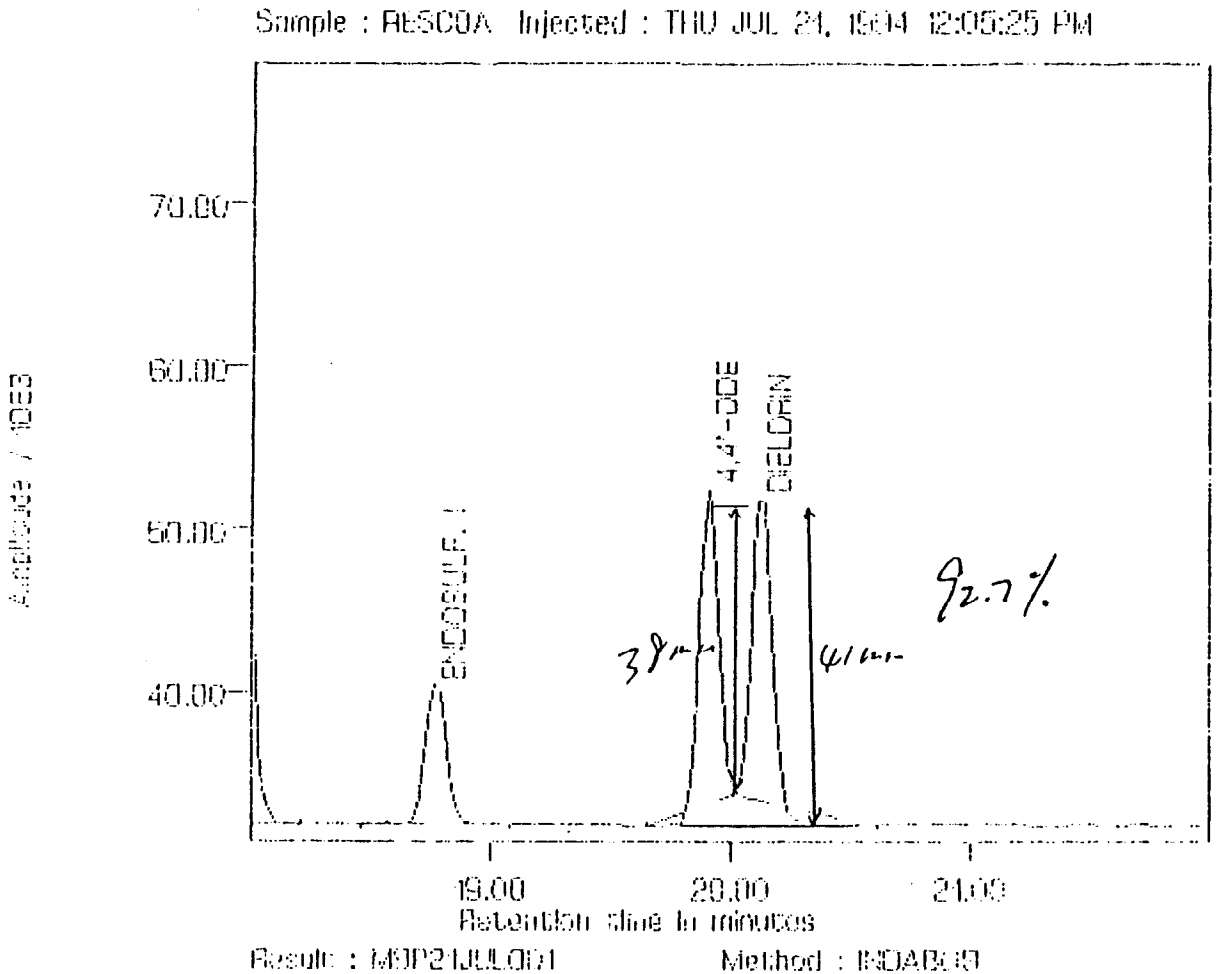
Ceimic Corporation Pest/PCB Report

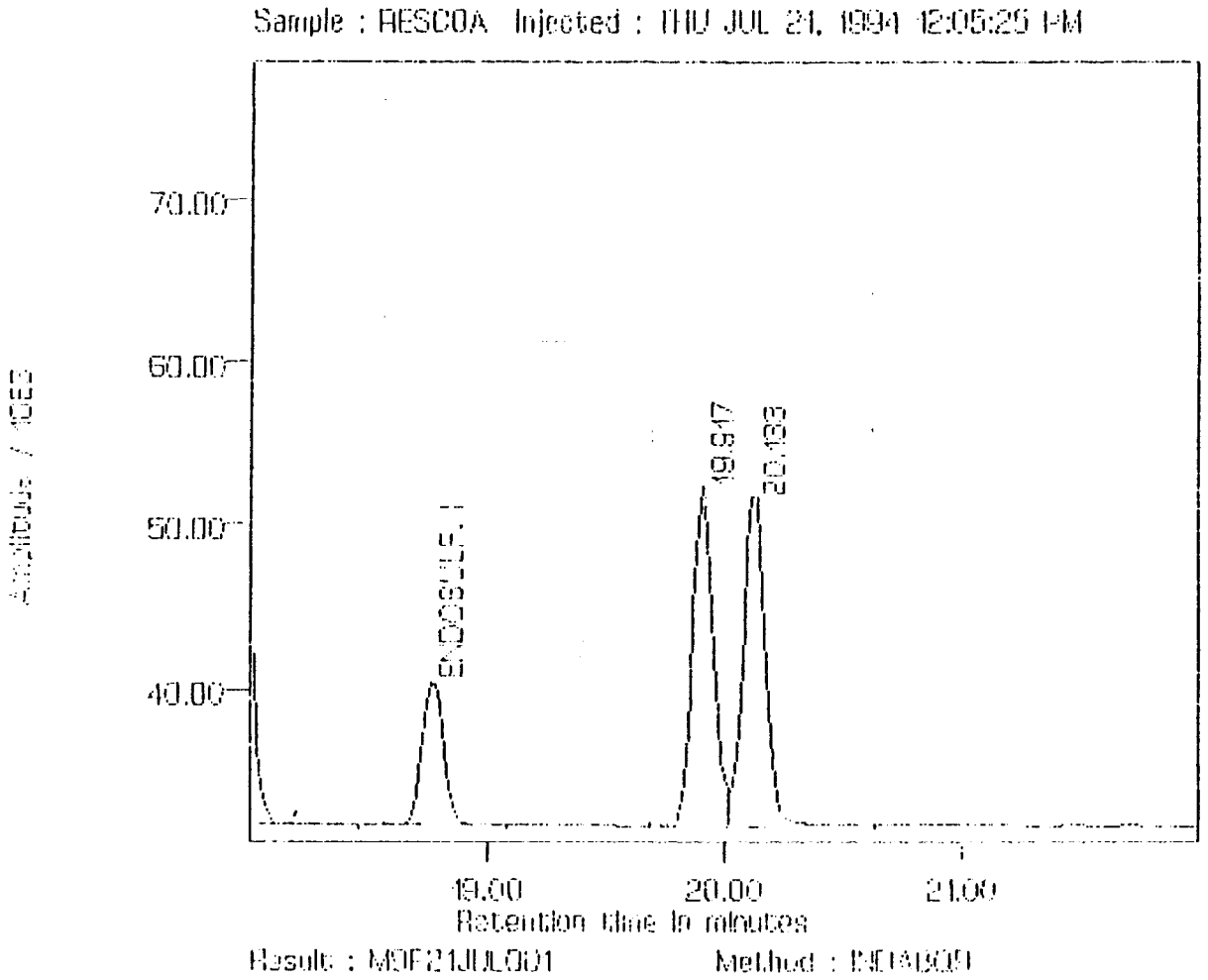
Sample Name : RESCOA
Lab Id : RESCOA .I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL001.RES
Inject Time : 1205 21Jul1994
Run Status : RunStatusOK
SpecialInteg

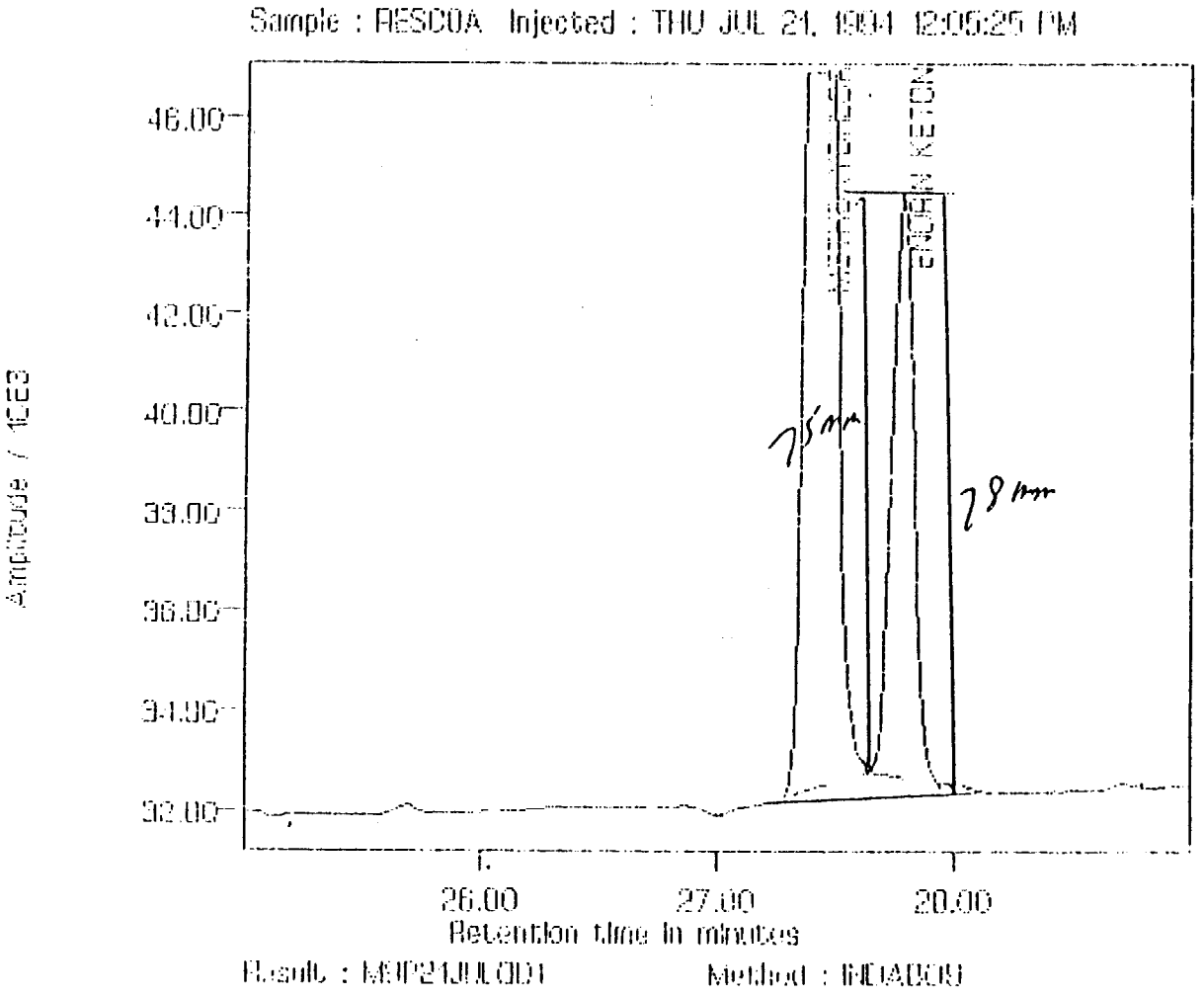
Pk #	RT	Area	Code	MASSng	Name
1	7.38	200682	BB	.019	TCX
2	8.95	2342	BB	.001	
3	17.97	82387	BB	.008	G. CHLORDANE
4	18.77	54454	BB	.008	ENDOSULF. I
5	19.92	125595	FF	.016	4,4'-DDE
6	20.13	130864	FF	.019	DIELDRIN
7	24.50	109460	BB	.016	ENDO. SULFAT
8	27.43	291746	FF	.079	METHOXYCHLOR
9	27.78	79926	FF	.014	ENDRIN KETON
10	31.77	8644	BB	.002	
11	33.73	169312	BB	.017	DC8

Total Area:		1255412			

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2056 25Jul1994

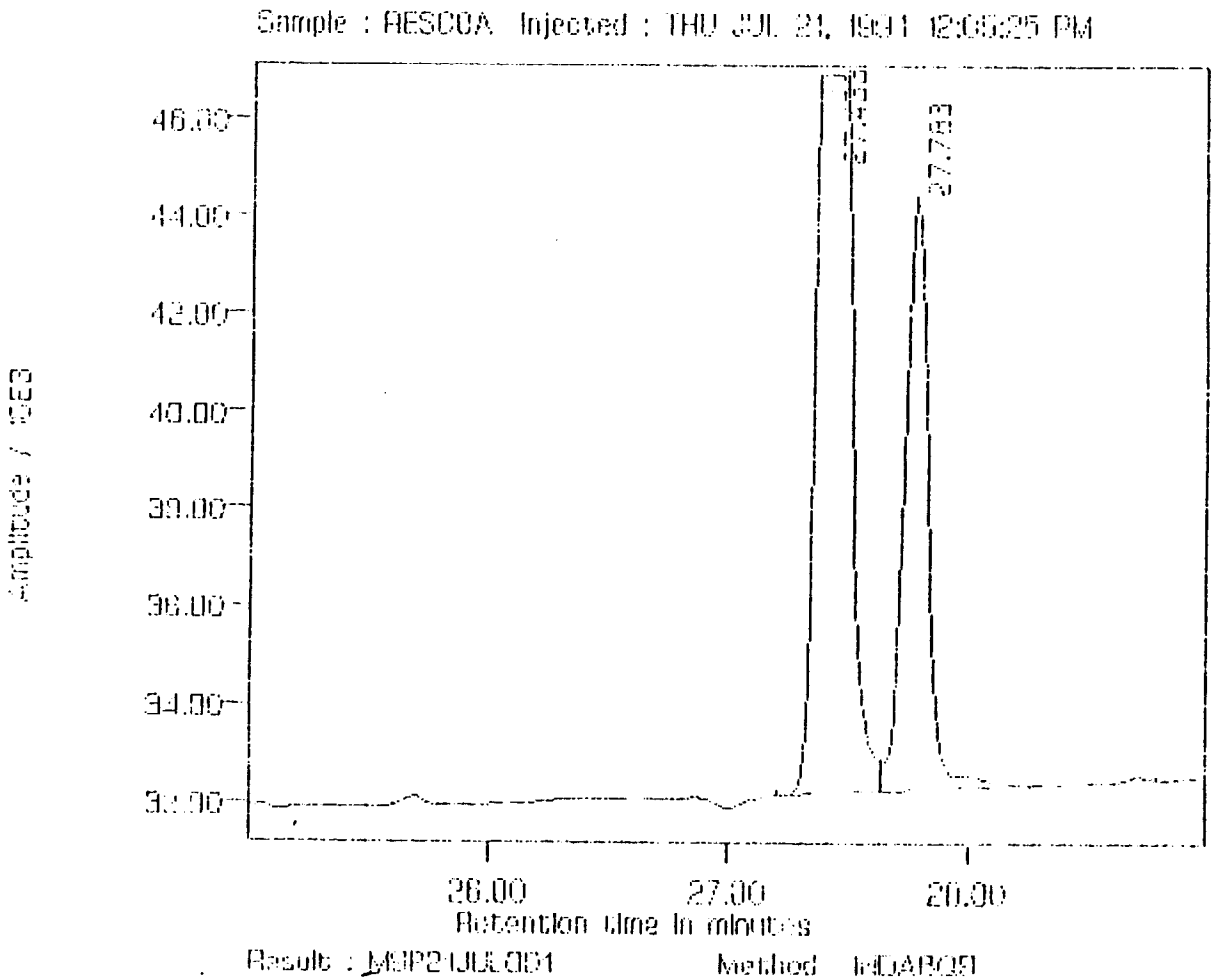

Sample : ABSCOA Injected : THU JUL 24, 1984 12:05:25 PM
70.00
60.00
50.00
40.00
Amplitude / 1000
ENDOSULF. I
4,4'-DDE
DIELDRIN
19.00
20.00
21.00
Retention time in minutes
Result : M0P24JUL001
Method : INDAB30


Sample : RESCOA Injected : THU JUL 21, 1994 12:05:25 PM
70.00
60.00
50.00
40.00
19.917
20.193
19.00
20.00
21.00
Retention time in minutes
Result : MDF21JUL001
Method : RESA1001

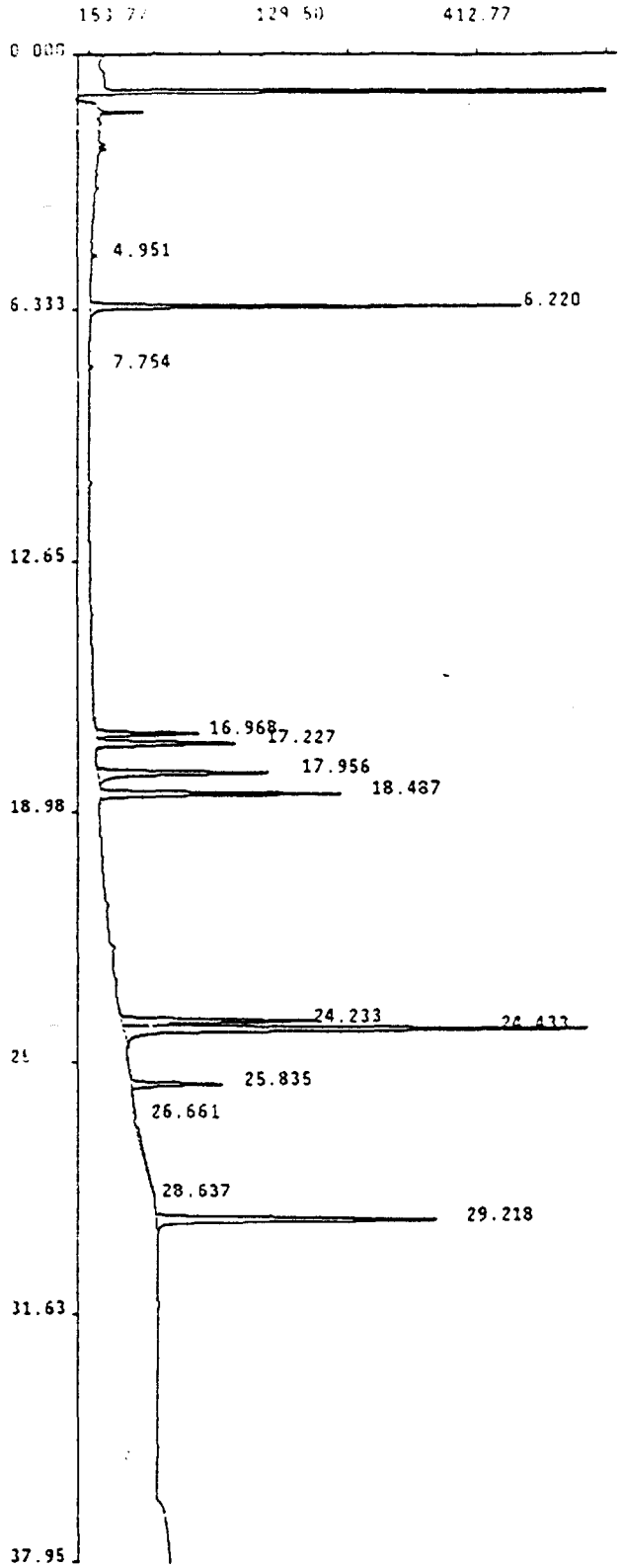

Sample : RESCOA Injected : THU JUL 21, 1994 12:05:25 PM
Amplitude / 1CE3
46.00
44.00
42.00
40.00
38.00
36.00
34.00
32.00
26.00
27.00
28.00
Retention time in minutes
Result : M9P21JUL001
Method : INDIA009
75mm
78mm

96.2%

Sample : RESCOA Injected : THU JUL 21, 1991 12:05:25 PM



Result : MSP21JUL001 Method INDABQ9



Ceimic Corporation Pest/PCB Report

Sample Name : RESC1A
Lab Id : RESC1A ,I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL001.RES
Inject Time : 1205 21Jul1994
Run Status : RunStatusOK
EndOffBaseline
SpecialInteg

Pk #	RT	Area	Code	MASSng	Name
1	4.95	2852	VB	.001	
2	6.22	232529	BB	.020	TCX
3	7.75	2411	BB	.001	
4	16.97	70043	BB	.008	ENDOSULF. I
5	17.23	107608	BB	.009	G. CHLORDANE
6	17.96	155541	BB	.018	4,4'-DDE
7	18.49	174126	BB	.019	DIELDRIN
8	24.23	140319	FF	.017	ENDO. SULFAT
9	24.43	402135	FF	.095	METHOXYCHLOR
10	25.84	66621	BB	.012	ENDRIN KETON
11	26.66	7163	BB	.002	
12	28.64	28862	BB	.006	
13	29.22	254655	BB	.019	DCB
		1644865			

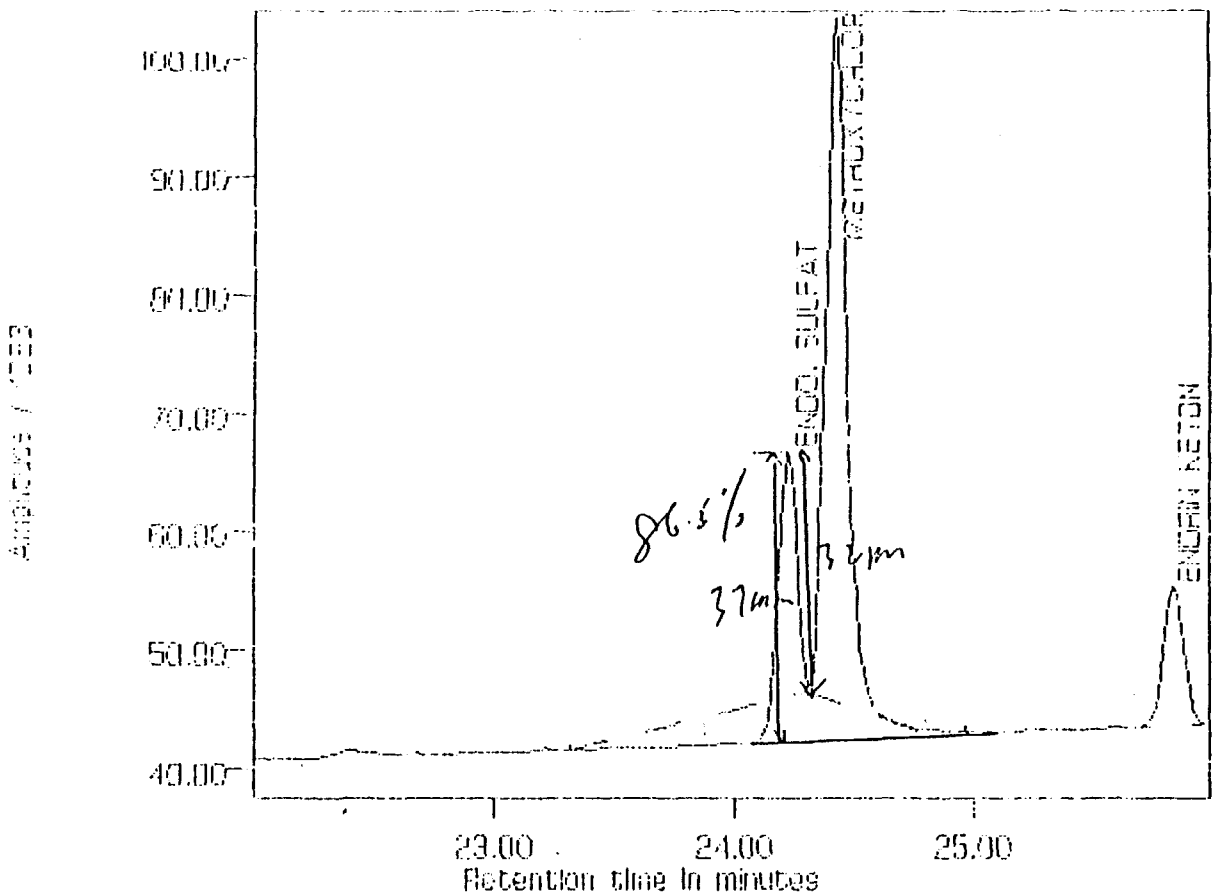
Total Area:

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2058 25Jul1994

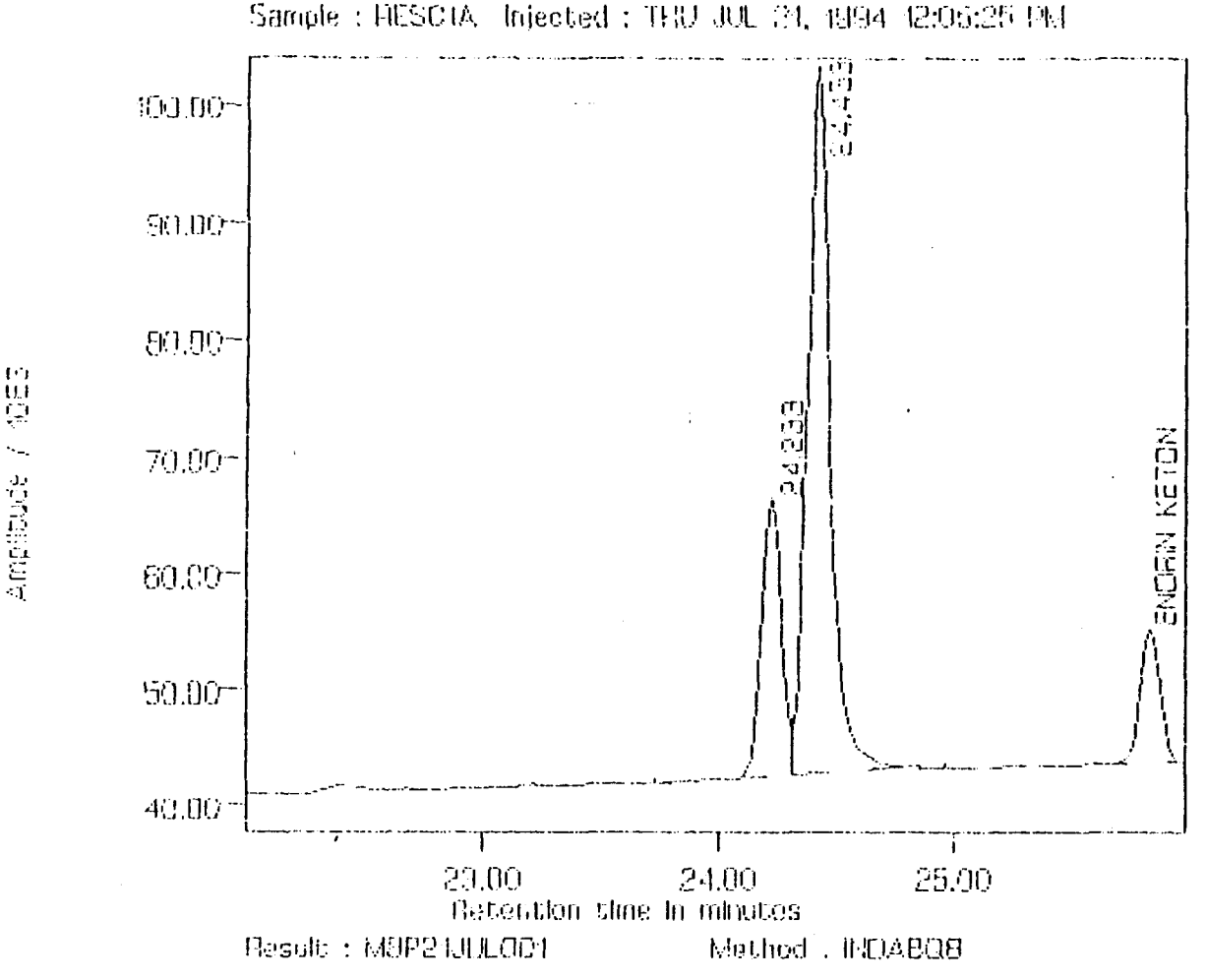
7/21

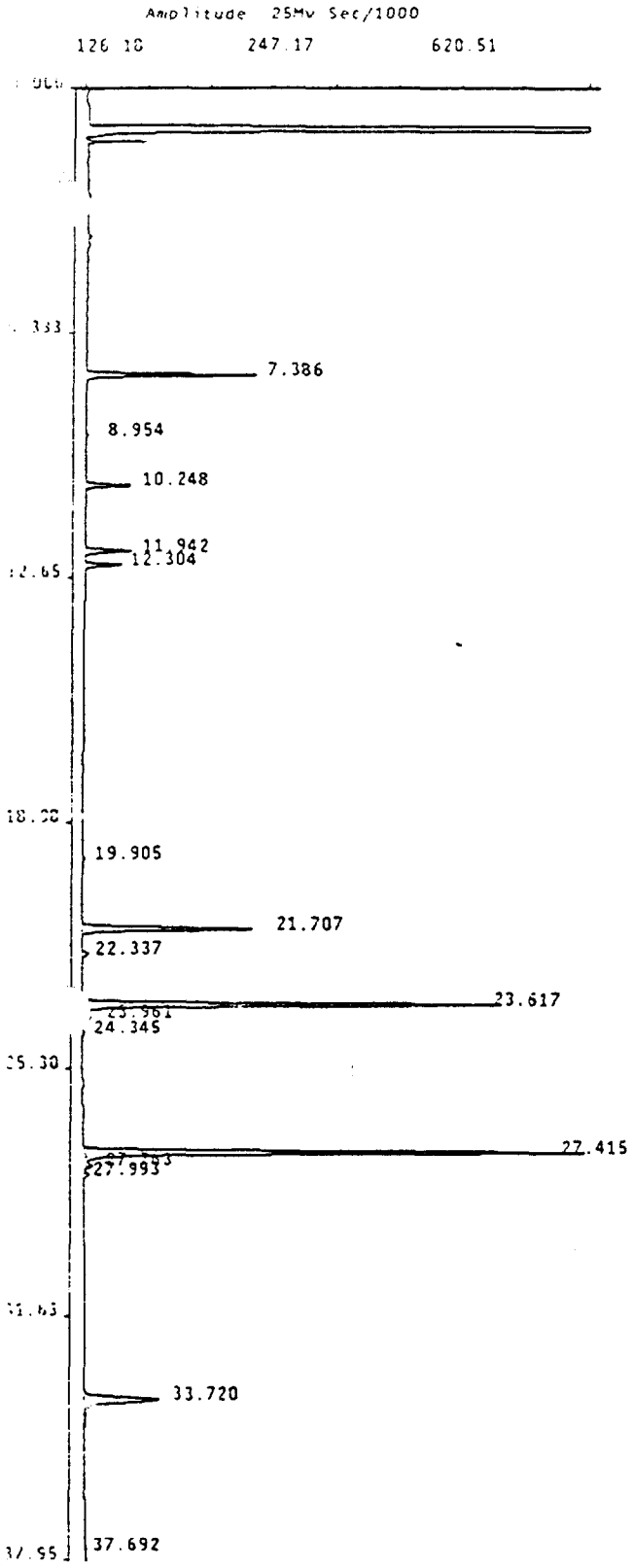
9/25/94

Sample : RESOLA Injected : THU JUL 21, 1994 12:05:25 PM



Result : M8P21JUL001 Method : INDIAB08


Sample : RESC1A Injected : THU JUL 21, 1994 12:06:25 PM
100.00
90.00
80.00
70.00
60.00
50.00
40.00
24.433
24.233
ENDRIN KETON
23.00
24.00
25.00
Retention time in minutes
Result : M0P21JUL001
Method . INDABQ8



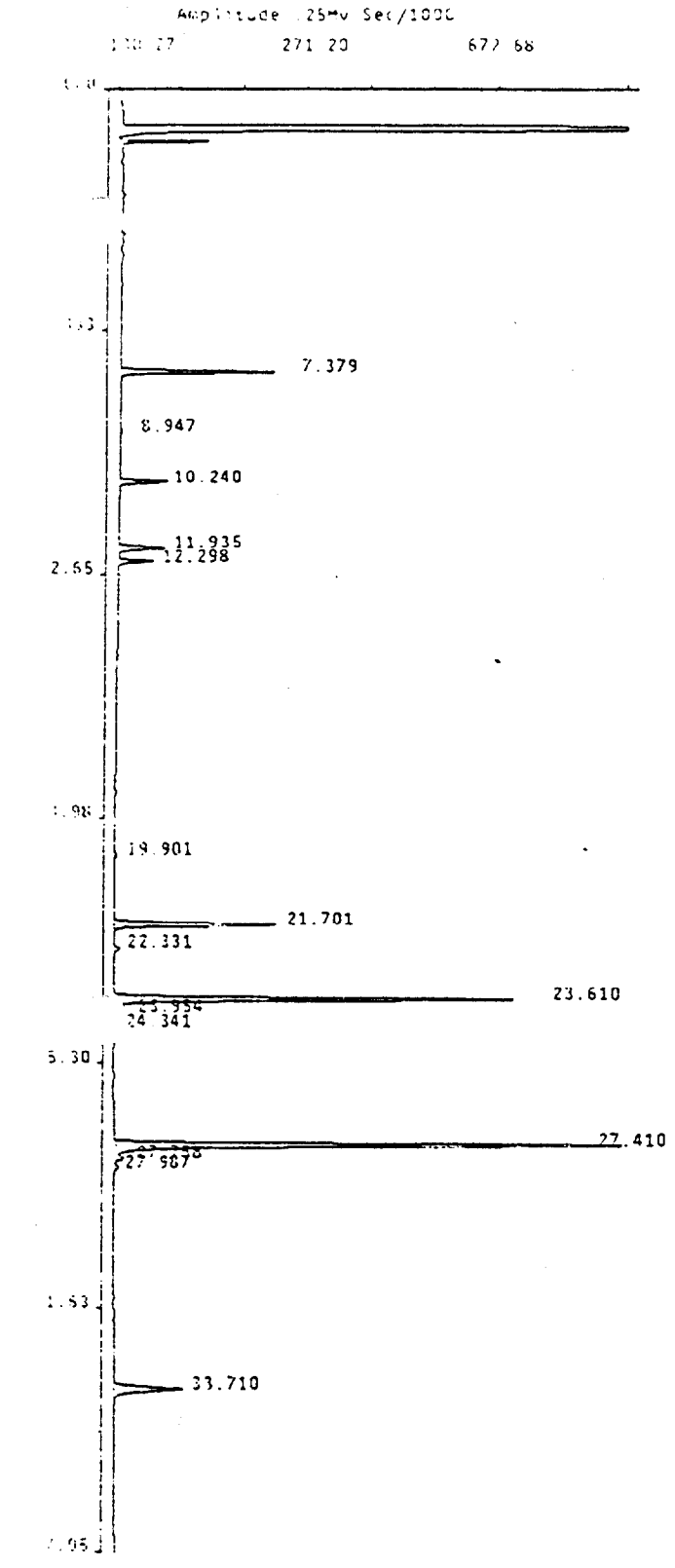
Ceimic Corporation Pest/PCB Report

Sample Name : PEM0A
Lab Id : PEM0A ,1
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL002.RES
Inject Time : 1249 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	7.39	192437	BB	.018	TCX
2	8.95	2270	BB	.000	
3	10.25	59141	BB	.009	ALPHA-BHC
4	11.94	61434	BB	.008	GAMMA-BHC
5	12.30	45717	BB	.008	BETA-BHC
6	19.91	3298	BB	.000	4,4'-DDE
7	21.71	255338	BB	.043	ENDRIN
8	22.34	11178	BB	.002	4,4'-DDD
9	23.62	587435	BB	.095	4,4'-DDT
10	23.96	10636	BB	.002	ENDRIN ALDEH
11	24.34	5983	BB	.001	
12	27.41	764054	BB	.206	METHOXYCHLOR
13	27.76	8150	BB	.001	ENDRIN KETON
14	27.99	6189	BB	.001	
15	33.72	182726	BB	.019	DC8
16	37.69	3031	BB	.001	

Total Area: 2199017

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1717 25Jul1994



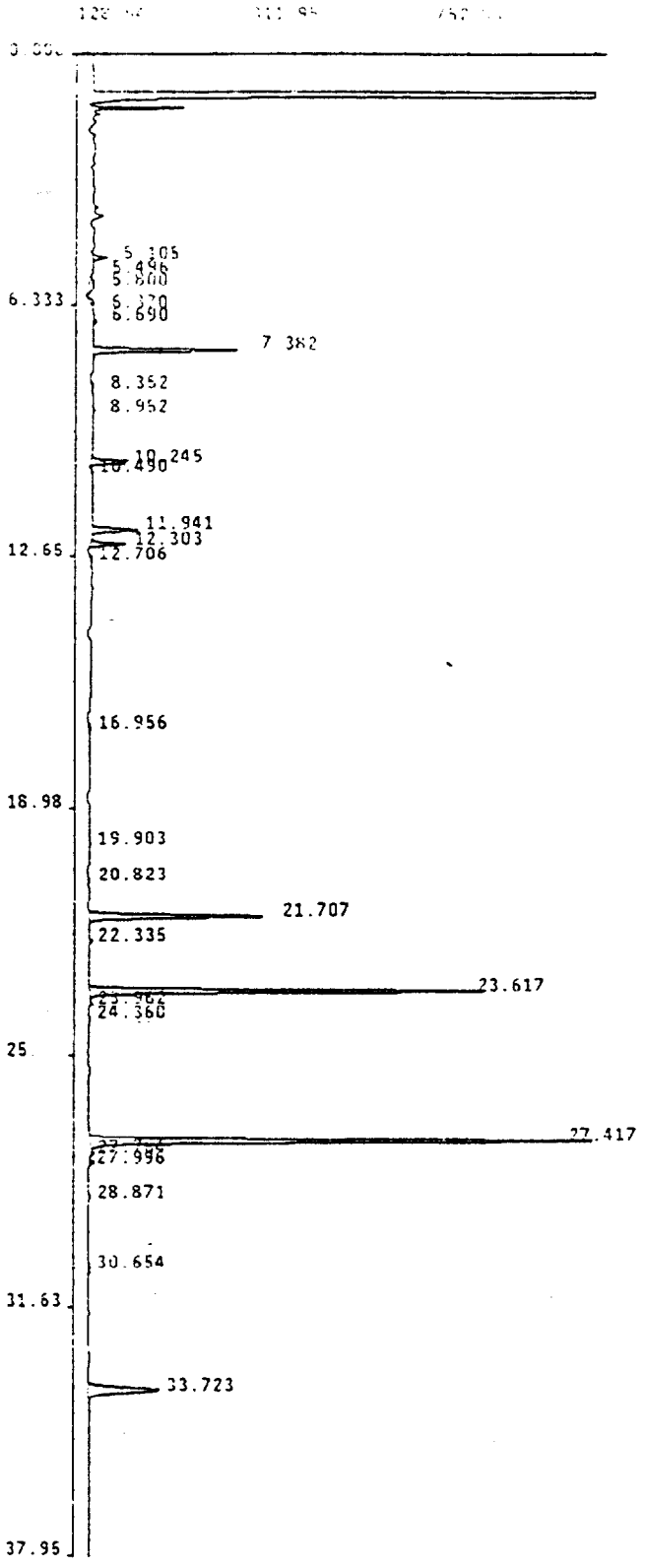
Ceimic Corporation Pest/PCB Report

Sample Name : PEM08
Lab Id : PEM08 ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL021.RES
Inject Time : 0252 22Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	7.38	190825	BB	.018	TCX
2	8.95	2230	BB	.000	
3	10.24	65726	BB	.010	ALPHA-BHC
4	11.93	68627	BB	.009	GAMMA-BHC
5	12.30	49628	BB	.008	BETA-BHC
6	19.90	3450	BB	.000	4,4'-DDE
7	21.70	274508	BB	.046	ENDRIN
8	22.33	11248	BB	.002	4,4'-DDD
9	23.61	622734	BB	.101	4,4'-DDT
10	23.95	13983	BB	.003	ENDRIN ALDEH
11	24.34	6860	BB	.002	
12	27.41	872767	BB	.235	METHOXYCHLOR
13	27.76	10120	BB	.002	ENDRIN KETON
14	27.99	5576	BB	.001	
15	33.71	199321	BB	.020	DCB

Total Area: 2397604

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1717 25Jul1994



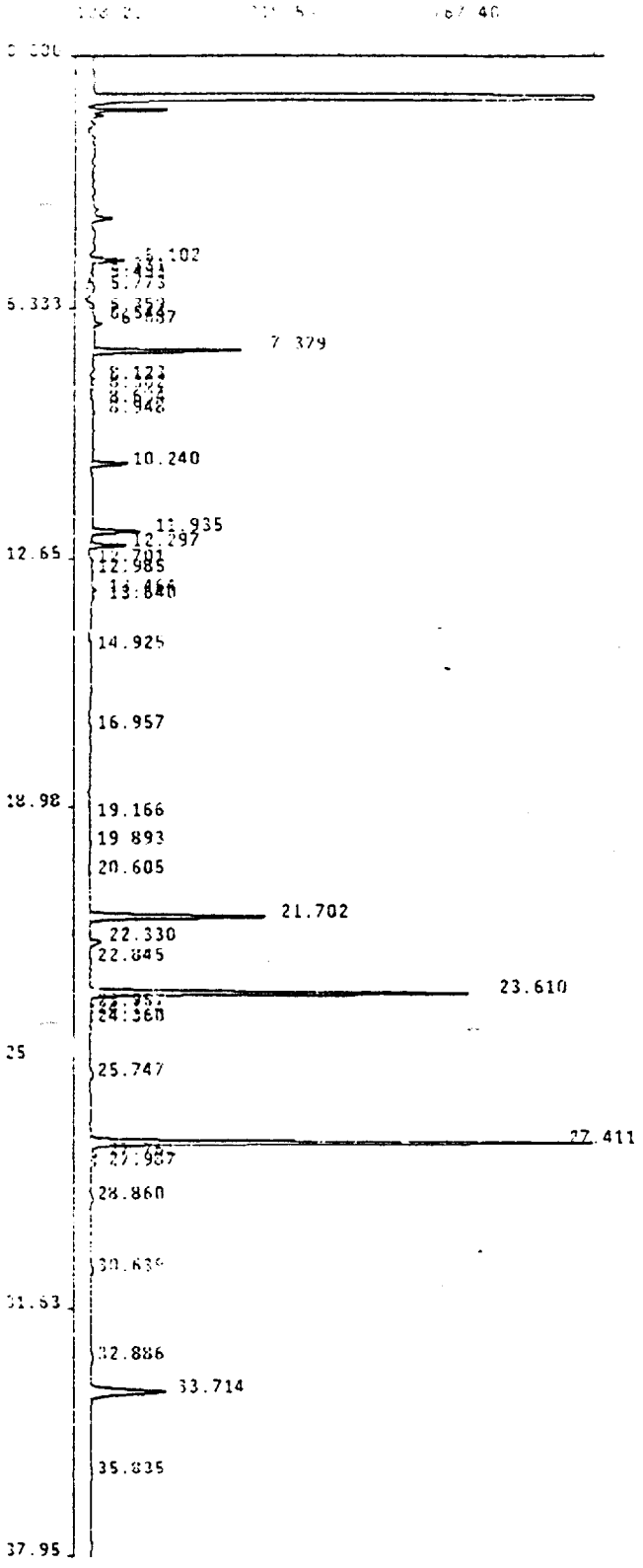
Ceimic Corporation Pest/PCB Report

Sample Name : PEMOD
Lab Id : PEMOD
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL028.RES
Inject Time : 0947 25Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.10	22051	BB	.005	
2	5.50	3465	BB	.001	
3	5.80	33317	BB	.007	
4	6.37	15187	BB	.003	
5	6.69	4334	BB	.001	
6	7.38	197616	BB	.019	TCX
7	8.35	4789	BB	.001	
8	8.95	2745	BB	.001	
9	10.24	57779	BB	.009	ALPHA-BHC
10	10.49	2450	BB	.001	
11	11.94	73793	BB	.009	GAMMA-BHC
12	12.30	55827	BB	.009	BETA-BHC
13	12.71	8265	BB	.002	
14	16.96	8051	BB	.002	
15	19.90	2078	BB	.000	4,4'-DDE
16	20.82	2046	BB	.000	
17	21.71	319993	BB	.054	ENDRIN
18	22.33	7146	BB	.001	4,4'-DDD
19	23.62	682786	BB	.111	4,4'-DDT
20	23.96	5629	BB	.001	ENDRIN ALDEH
21	24.36	3566	BB	.001	
22	27.42	941026	BB	.254	METHOXYCHLOR
23	27.76	5845	BB	.001	ENDRIN KETON
24	28.00	8170	BB	.002	
25	28.87	5162	BB	.001	
26	30.65	4349	BB	.001	
27	33.72	213739	BB	.022	DCB

Total Area: 2691204

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1734 25Jul1994



Ceimic Corporation Pest/PCB Report

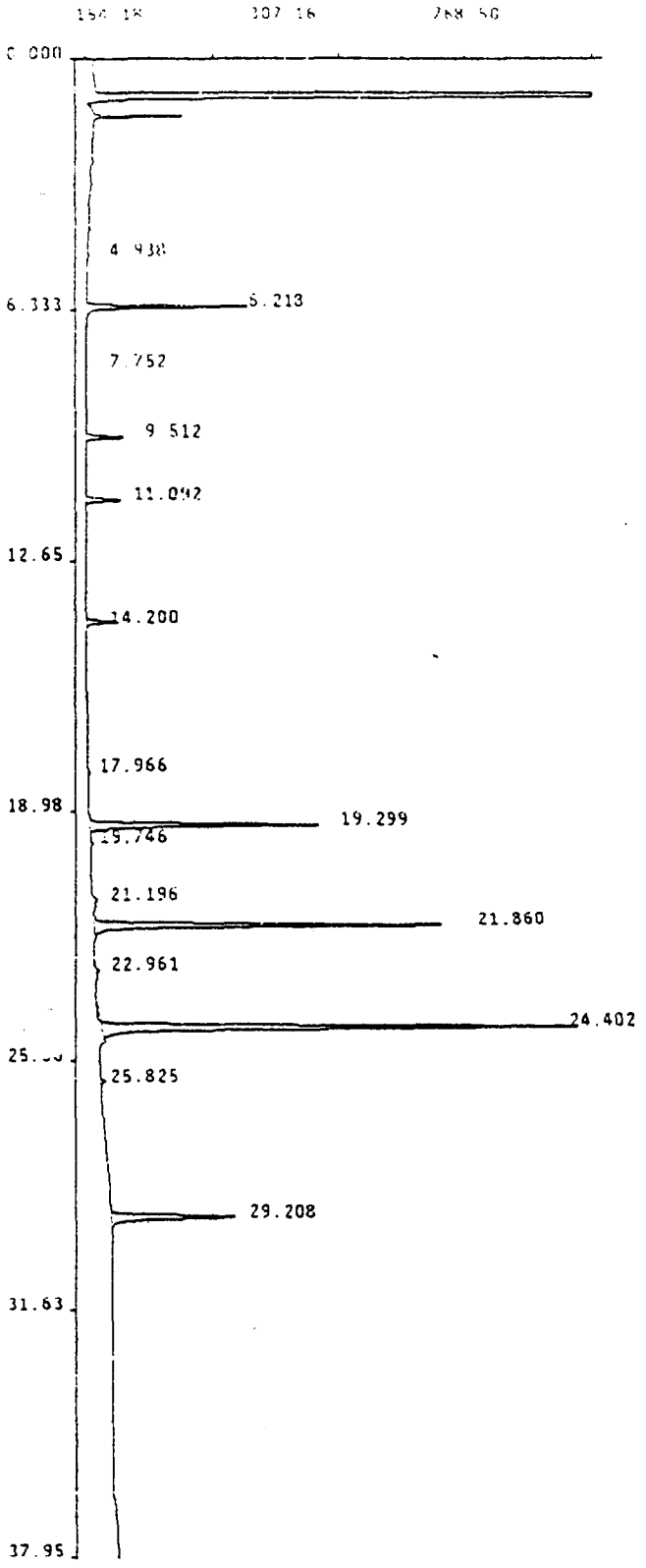
Sample Name : PEMOE
Lab Id : PEMOE
Inst Id & Col : A09_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL054.RES
Inject Time : 0500 26Jul1994
Run Status : EndOffBaseline
SignalOverload
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 114Arg6Jul1994e MASSng

GM 7/26/94

					Name
1	5.10	56678	BB	.012	
2	5.33	2776	BB	.001	
3	5.49	7297	BB	.002	
4	5.77	43535	BB	.010	
5	6.36	18544	BB	.004	
6	6.54	2031	BB	.000	
7	6.69	12296	BB	.003	
8	7.38	211052	BB	.020	TCX
9	8.12	4379	BB	.001	
10	8.30	6871	BB	.002	
11	8.68	4400	BB	.001	
12	8.95	3490	BB	.001	
13	10.24	56831	BB	.009	ALPHA-BHC
14	11.94	80788	BB	.010	GAMMA-BHC
15	12.30	59398	BB	.010	BETA-BHC
16	12.70	4754	BB	.001	
17	12.99	2887	BB	.001	
18	13.46	6650	BB	.001	
19	13.64	5408	BB	.001	
20	14.92	5644	BB	.001	
21	16.96	3387	BB	.001	
22	19.17	6275	BB	.001	
23	19.89	2436	BB	.000	4,4'-DDE
24	20.60	3130	BB	.001	
25	21.70	349661	BB	.059	ENDRIN
26	22.33	25083	BB	.005	4,4'-DDD
27	22.84	2411	BB	.001	
28	23.61	680025	BB	.111	4,4'-DDT
29	23.96	3158	BB	.001	ENDRIN ALDEH
30	24.12	2944	BB	.001	
31	24.36	2564	BB	.001	
32	25.75	14295	BB	.003	
33	27.41	969775	BB	.262	METHOXYCHLOR
34	27.76	8874	BB	.002	ENDRIN KETON
35	27.99	8665	BB	.002	
36	28.86	10933	BB	.002	
37	30.64	11959	BB	.003	
38	32.89	10811	BB	.002	
39	33.71	232587	BB	.024	DCB
40	35.83	9658	BB	.002	

Total Area: 2954341

Method File. /DATA/METHOD/INDABQ9.MTH



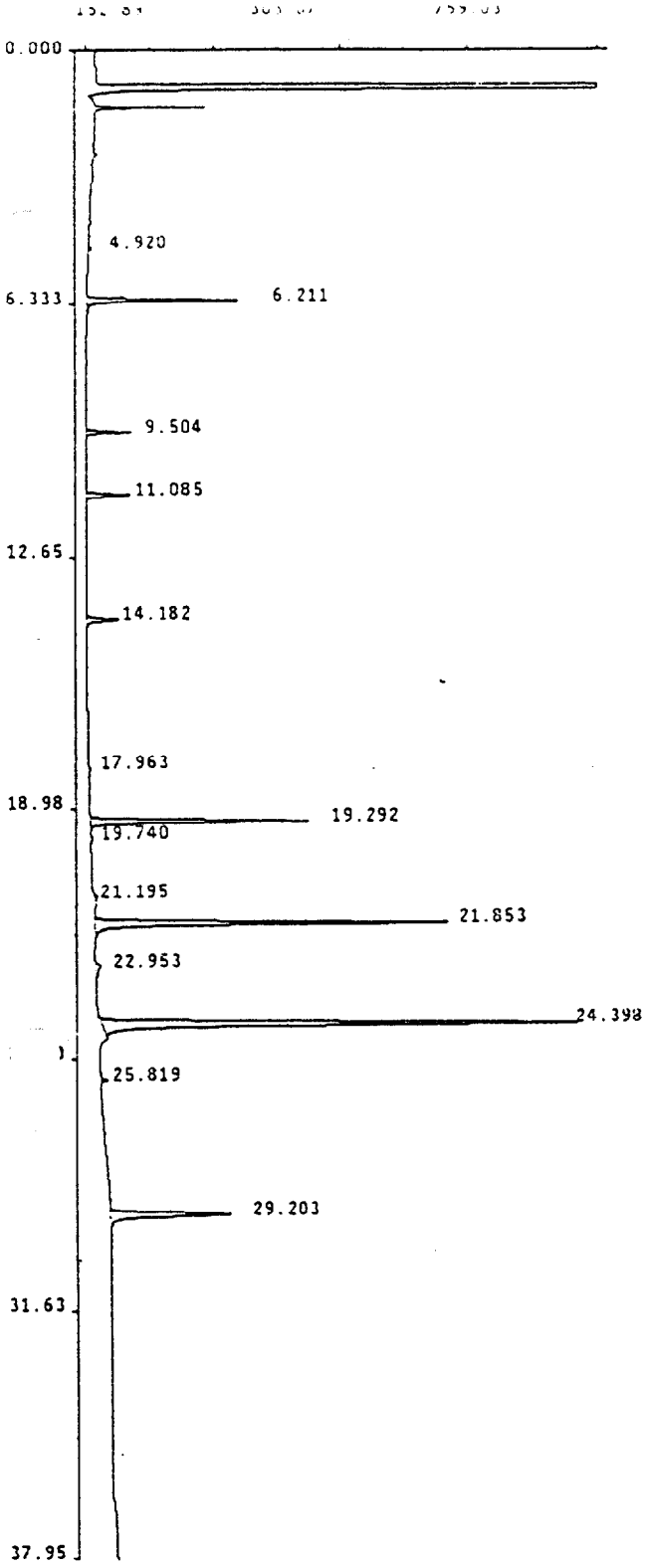
Ceimic Corporation Pest/PCB Report

Sample Name : PEM1A
Lab Id : PEM1A ,I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL002.RES
Inject Time : 1249 21Jul1994
Run Status : EndOffBaseline
SignalOverload
SpecialInteg

Pk #	RT	Area	Code	MASSng	Name
1	4.94	2798	VB	.001	
2	6.22	216798	BB	.019	TCX
3	7.75	2185	BB	.000	
4	9.51	58880	BB	.008	ALPHA-BHC
5	11.09	63401	BB	.008	GAMMA-BHC
6	14.20	50506	FF	.008	BETA-BHC
7	17.97	4479	BB	.001	4,4'-DDE
8	19.30	378041	BB	.047	ENDRIN
9	19.75	3738	BB	.001	
10	21.20	6230	BB	.001	4,4'-DDD
11	21.86	640637	BB	.108	4,4'-DDT
12	22.96	5090	BB	.001	ENDRIN ALDEH
13	24.40	955622	BB	.225	METHOXYCHLOR
14	25.82	7751	BB	.001	ENDRIN KETON
15	29.21	273337	BB	.020	DCB
		2669494			

Total Area: 2669494

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2059 25Jul1994



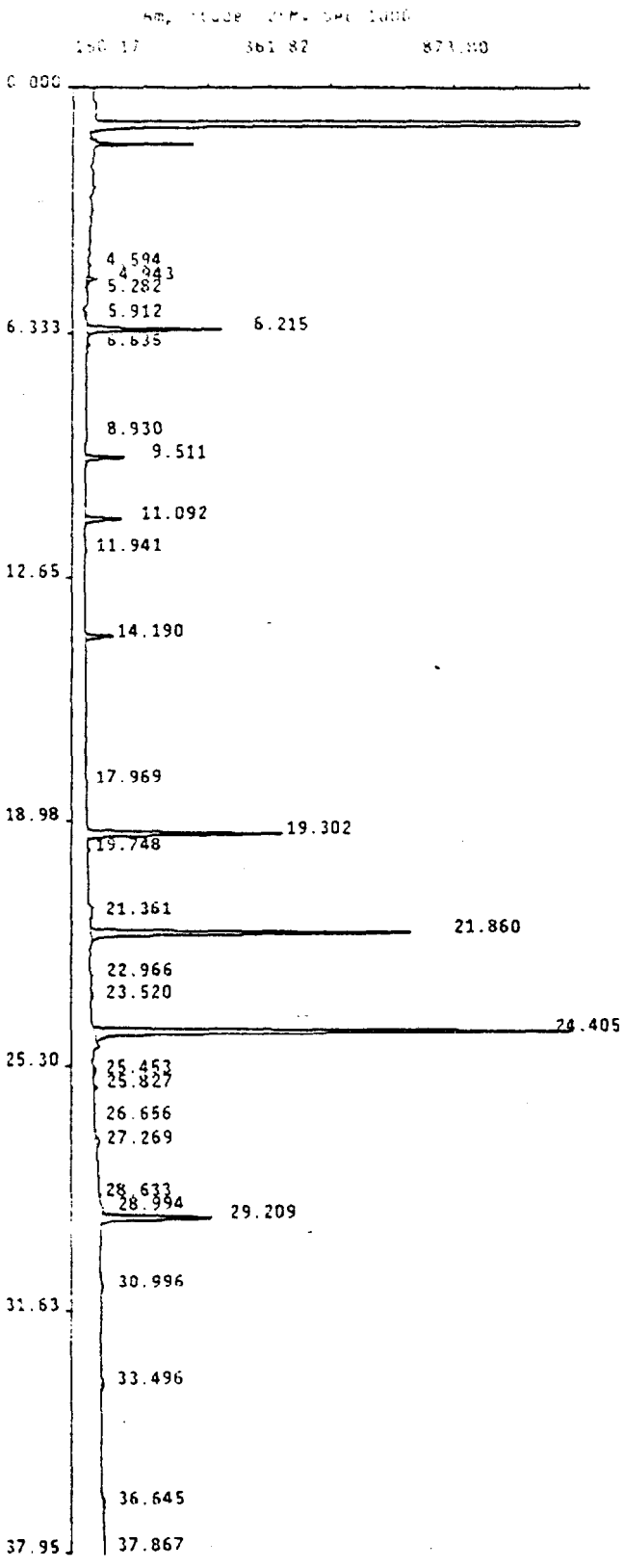
Ceimic Corporation Pest/PCB Report

Sample Name : PEM18
Lab Id : PEM18 ,I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL021.RES
Inject Time : 0252 22Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.92	4442	VB	.001	
2	6.21	209181	BB	.018	TCX
3	9.50	65384	BB	.009	ALPHA-BHC
4	11.08	71019	BB	.009	GAMMA-BHC
5	14.18	53029	BB	.008	BETA-BHC
6	17.96	2659	BB	.000	4,4'-DDE
7	19.29	366426	BB	.045	ENDRIN
8	19.74	3697	BB	.001	
9	21.19	3917	BB	.001	4,4'-DDD
10	21.85	630202	BB	.106	4,4'-DDT
11	22.95	20140	BB	.005	ENDRIN ALDEH
12	24.40	1004396	BB	.236	METHOXYCHLOR
13	25.82	12101	BB	.002	ENDRIN KETON
14	29.20	261307	BB	.019	DC8
Total Area:		2707899			

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1402 22Jul1994

7/22/94



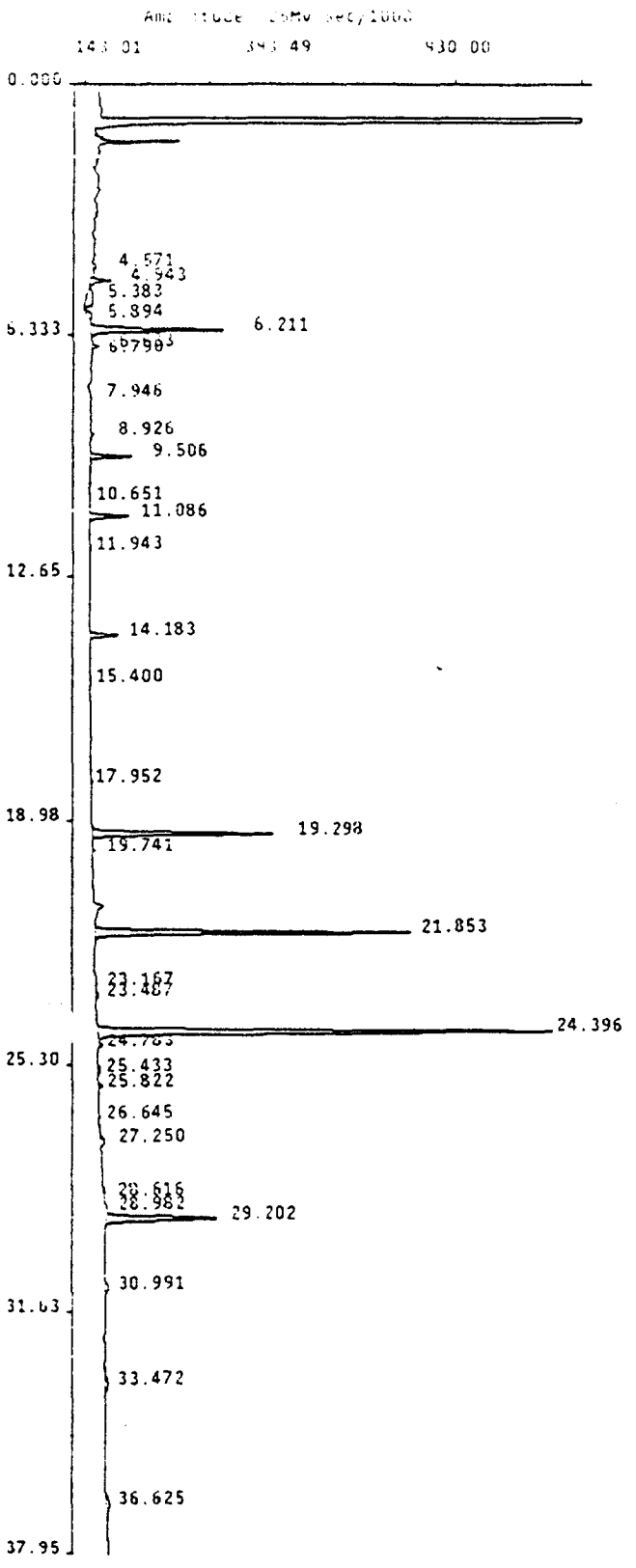
Geimic Corporation Pest/PCB Report

Sample Name : PEM1D
Lab Id : PEM1D
Inst Id & Col : A08_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL028.RES
Inject Time : 0947 25Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.59	4624	BV	.001	
2	4.94	27516	VB	.006	
3	5.28	2483	BB	.001	
4	5.91	9562	BB	.002	
5	6.21	229839	BB	.020	TCX
6	6.64	5192	BB	.001	
7	8.93	2357	BB	.001	
8	9.51	72656	BB	.010	ALPHA-BHC
9	11.09	76882	BB	.010	GAMMA-BHC
10	11.94	2241	BB	.000	HEPTACHLOR
11	14.19	54614	BB	.008	BETA-BHC
12	17.97	2171	BB	.000	4,4'-DDE
13	19.30	394936	BB	.049	ENDRIN
14	19.75	4215	BB	.001	
15	21.36	5115	BB	.001	
16	21.86	693077	BB	.117	4,4'-DDT
17	22.97	2577	BB	.001	ENDRIN ALDEH
18	23.52	8361	BB	.002	
19	24.40	1137723	BB	.268	METHOXYCHLOR
20	25.45	11010	BB	.002	
21	25.83	7051	BB	.001	ENDRIN KETON
22	26.66	4137	BB	.001	
23	27.27	15622	BB	.003	
24	28.63	4326	BB	.001	
25	28.99	3284	BB	.001	
26	29.21	270345	BB	.020	DCB
27	31.00	14770	BB	.003	
28	33.50	17373	BB	.004	
29	36.64	16127	BB	.004	
30	37.87	2417	BB	.001	

Total Area: 3102601

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1750 25Jul1994



Cosmic Corporation Pest/PCB Report

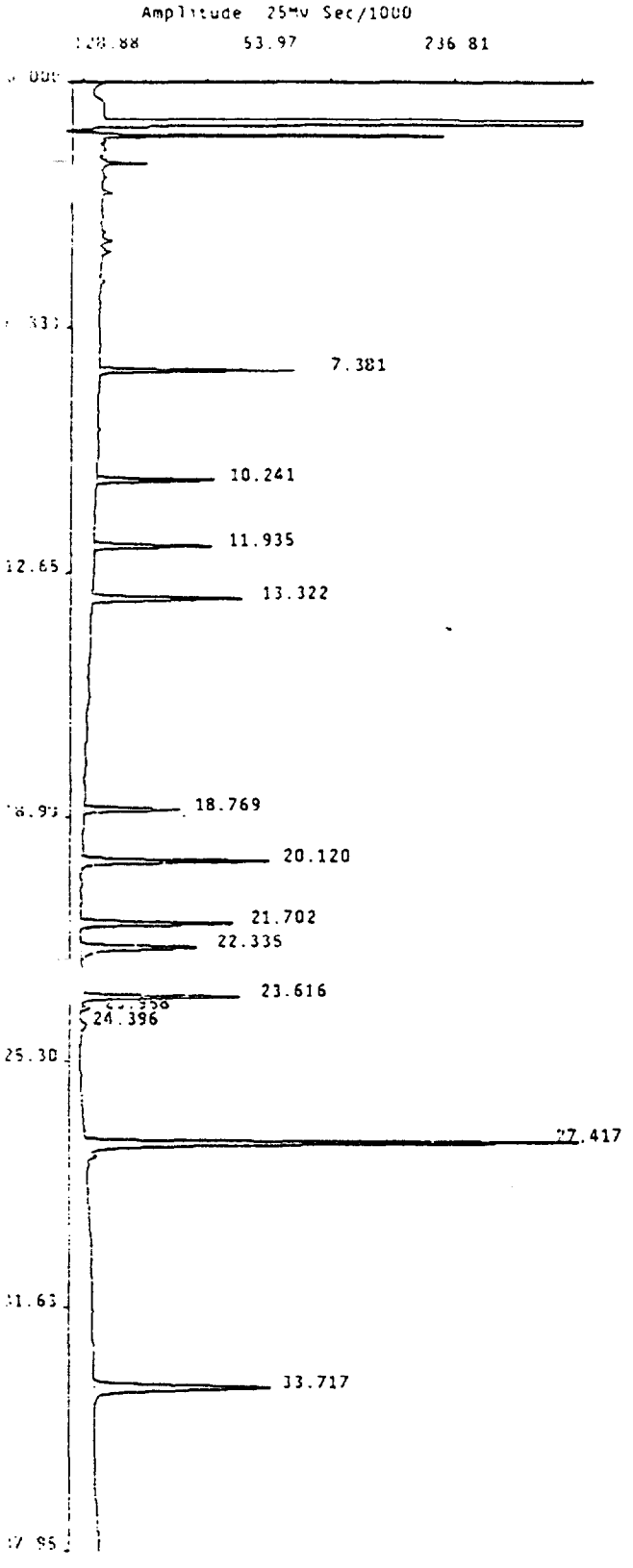
Sample Name : PEM1E
Lab Id : PEM1E
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL054.RES
Inject Time : 0500 26Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.57	8785	BV	.002	
2	4.94	49476	VB	.011	
3	5.38	62008	BB	.014	
4	5.89	23270	BB	.005	
5	6.21	277831	BB	.024	TCX
6	6.63	12344	BB	.003	
7	6.79	4125	BB	.001	
8	7.95	3868	BB	.001	
9	8.93	6567	BB	.001	
10	9.51	76285	BB	.011	ALPHA-BHC
11	10.65	2788	BB	.001	
12	11.09	81292	BB	.010	GAMMA-BHC
13	11.94	4387	BB	.000	HEPTACHLOR
14	14.18	60048	BB	.009	BETA-BHC
15	15.40	8003	BB	.002	
16	17.95	3781	BB	.000	4,4'-DDE
17	19.30	395430	BB	.049	ENDRIN
18	19.74	4216	BB	.001	
19	21.85	699769	BB	.118	4,4'-DDT
20	23.17	2756	BB	.001	
21	23.49	10931	BB	.002	
22	24.40	1177229	BB	.277	METHOXYCHLOR
23	24.78	3803	BB	.001	
24	25.43	14371	BB	.003	
25	25.82	9297	BB	.002	ENDRIN KETON
26	26.64	7489	BB	.002	
27	27.25	21948	BB	.005	
28	28.62	5551	BB	.001	
29	28.98	3036	BB	.001	
30	29.20	284648	BB	.021	DCB
31	30.99	21173	BB	.005	
32	33.47	28376	BB	.006	
33	36.62	21257	BB	.005	

Total Area: 3396138

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1147 26Jul1994

SM 7/2/94



Ceimic Corporation Pest/PCB Report

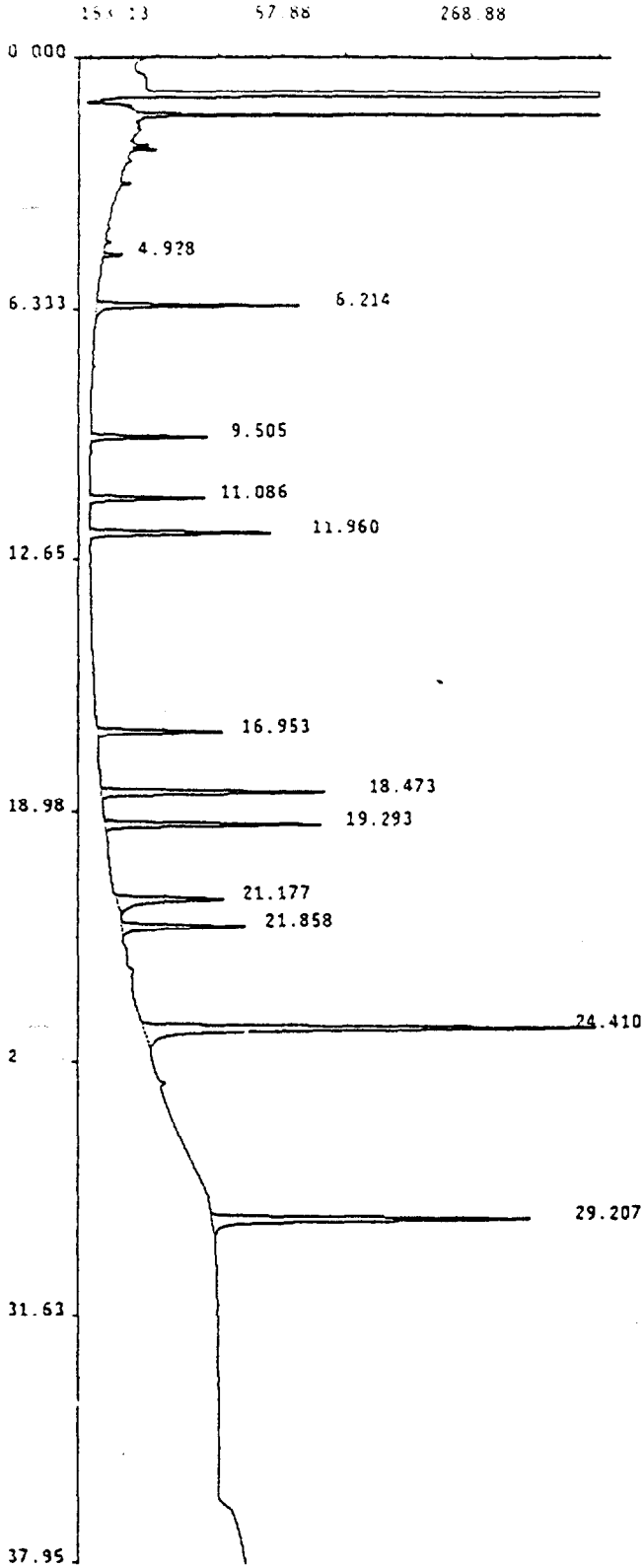
Sample Name : INDALOA
Lab Id : INDALOA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL010.RES
Inject Time : 1844 21Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	7.38	49559	BB	.005	TCX
2	10.24	33704	BB	.005	ALPHA-BHC
3	11.94	35406	BB	.005	GAMMA-BHC
4	13.32	51526	BB	.005	HEPTACHLOR
5	18.77	34011	BB	.005	ENDOSULF. I
6	20.12	64772	BB	.009	DIELDRIN
7	21.70	54417	BB	.009	ENDRIN
8	22.34	48435	BB	.009	4,4'-DDD
9	23.62	54863	BB	.009	4,4'-DDT
10	23.96	2999	BB	.001	ENDRIN ALDEH
11	24.40	2959	BB	.001	
12	27.42	174474	BB	.047	METHOXYCHLOR
13	33.72	98580	BB	.010	DCB

Total Area: 705703

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2051 25Jul1994

7/25/94

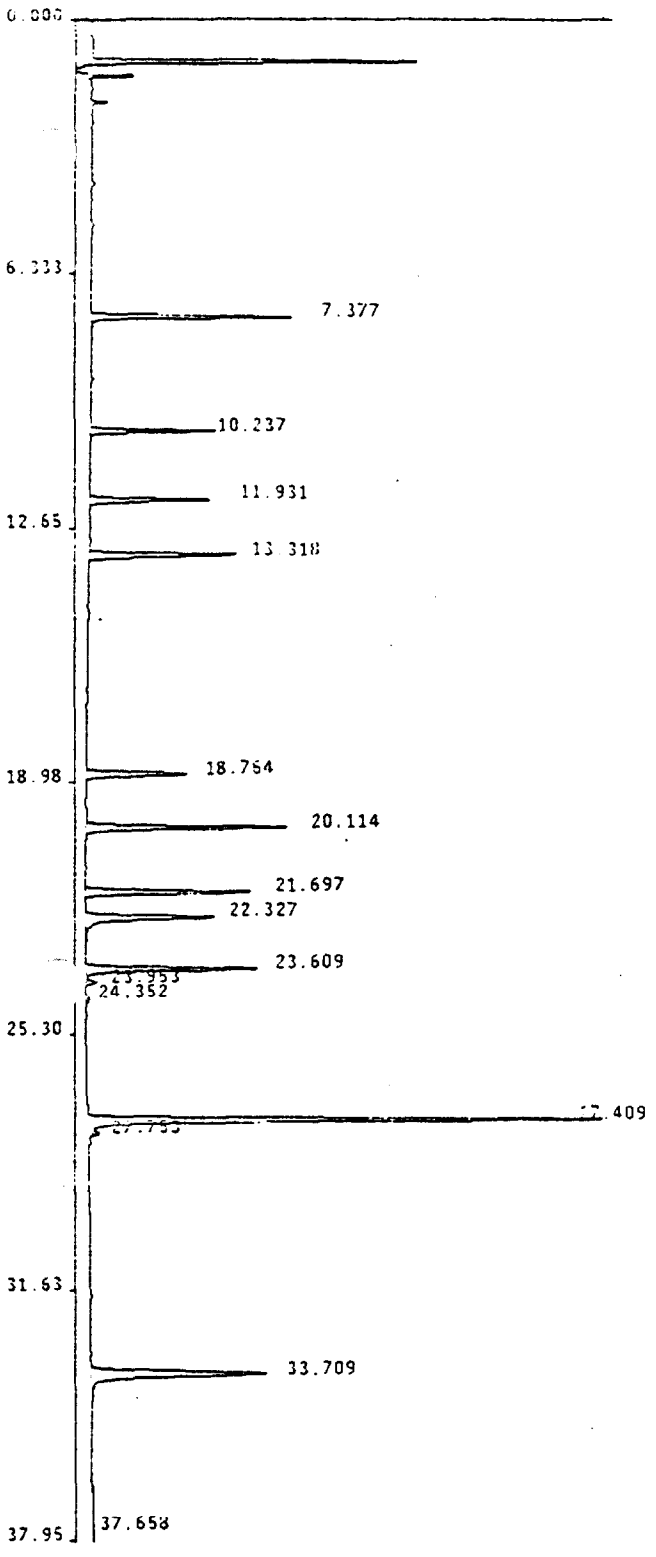


Ceimic Corporation Pest/PCB Report

Sample Name : INDAL1A
Lab Id : INDAL1A .I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL010.RES
Inject Time : 1844 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.93	5039	VB	.001	
2	6.21	56622	BB	.005	TCX
3	9.50	32547	BB	.005	ALPHA-BHC
4	11.09	36086	BB	.005	GAMMA-BHC
5	11.96	61819	BB	.005	HEPTACHLOR
6	16.95	43544	BB	.005	ENDOSULF. I
7	18.47	80012	BB	.009	DIELDRIN
8	19.29	71697	BB	.009	ENDRIN
9	21.18	51676	BB	.009	4,4'-DDD
10	21.86	48500	BB	.008	4,4'-DDT
11	24.41	201882	BB	.048	METHOXYCHLOR
12	29.21	135931	BB	.010	DCB
Total Area:		825356			

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1354 22Jul1994



Ceimic Corporation Pest/PCB Report

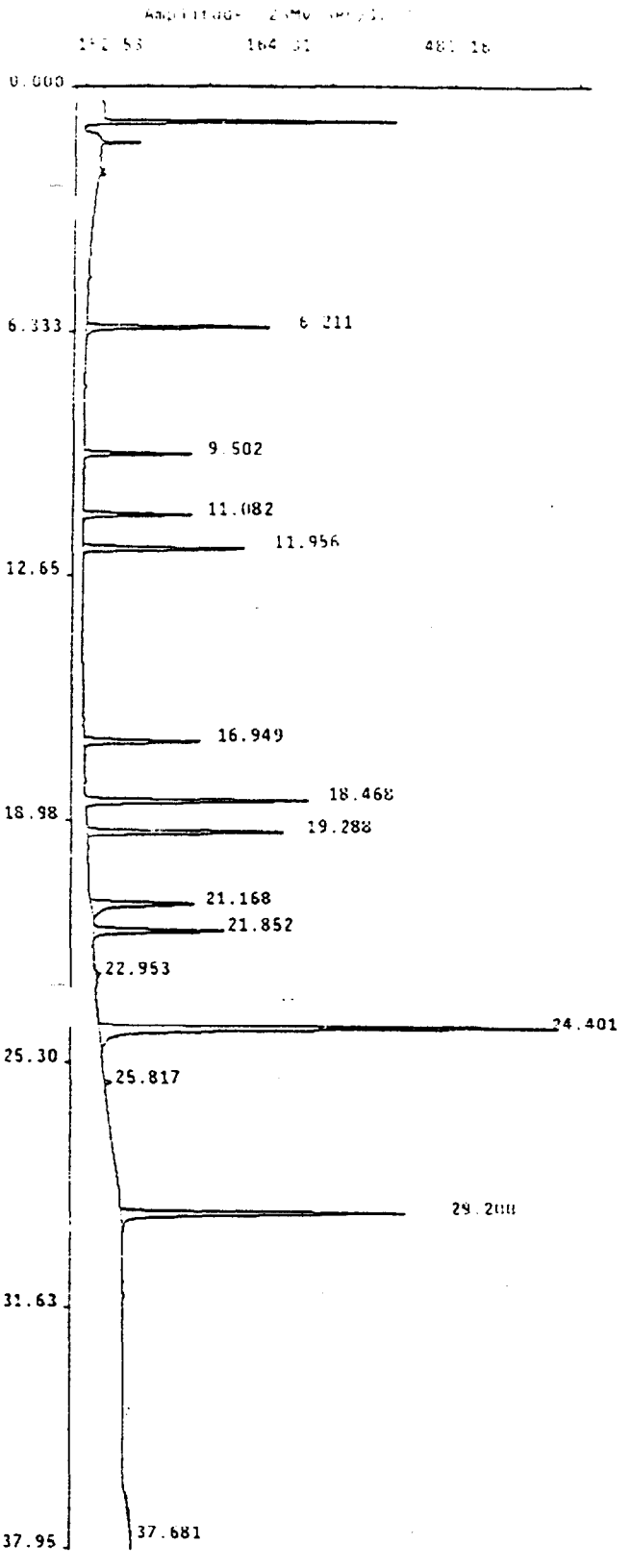
Sample Name : INDALM0A
Lab Id : INDALM0A, I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M9P21JUL012.RES
Inject Time : 2013 21Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	7.38	131505	BB	.013	TCX
2	10.24	88542	BB	.013	ALPHA-BHC
3	11.93	93176	BB	.012	GAMMA-BHC
4	13.32	131791	BB	.013	HEPTACHLOR
5	18.76	88265	BB	.013	ENDOSULF. I
6	20.11	172098	BB	.025	DIELDRIN
7	21.70	145651	BB	.024	ENDRIN
8	22.33	133870	BB	.026	4,4'-DDD
9	23.61	149143	BB	.024	4,4'-DDT
10	23.95	8356	BB	.002	ENDRIN ALDEH
11	24.35	5564	BB	.001	
12	27.41	469652	BB	.127	METHOXYCHLOR
13	27.75	5483	BB	.001	ENDRIN KETON
14	33.71	258501	BB	.026	DCB
15	37.66	2955	BB	.001	

Total Area: 1884552

SM 7/27/94

Method File: /DATA/METHOD/1NDA8Q9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1131 27Jul1994



Ceimic Corporation Pest/PCB Report

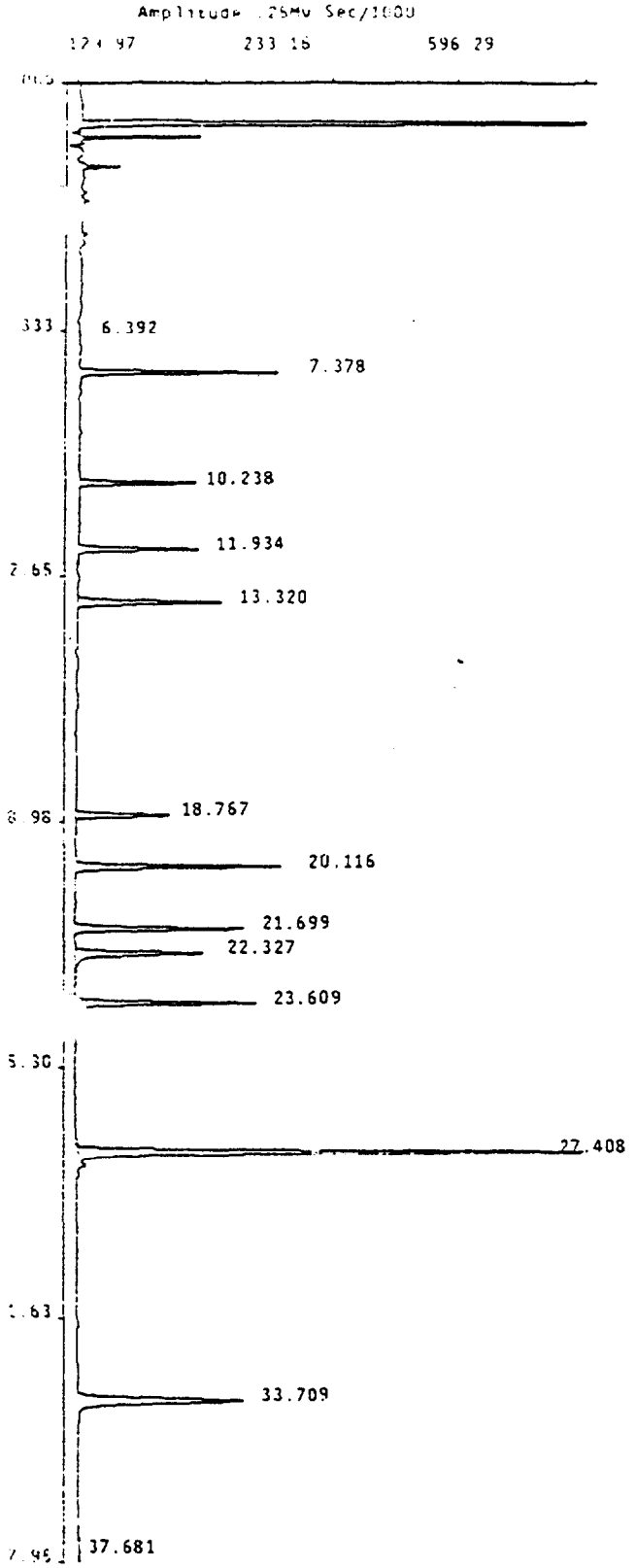
Page 1

Sample Name : INDALM~~0~~1A
Lab Id : INDALM~~0~~1A, I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M8P21JUL012.RES
Inject Time : 2013 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	6.21	146279	BB	.013	TCX
2	9.50	85965	BB	.012	ALPHA-BHC
3	11.08	97275	BB	.012	GAMMA-BHC
4	11.96	159976	BB	.013	HEPTACHLOR
5	16.95	115848	BB	.013	ENDOSULF. I
6	18.47	219317	BB	.024	DIELDRIN
7	19.29	195667	BB	.024	ENDRIN
8	21.17	140200	BB	.025	4,4'-DDD
9	21.85	138164	BB	.023	4,4'-DDT
10	22.95	3421	BB	.001	ENDRIN ALDEH
11	24.40	566420	BB	.133	METHOXYCHLOR
12	25.82	6156	BB	.001	ENDRIN KETON
13	29.20	354533	BB	.026	DCB
14	37.68	16951	BB	.004	

Total Area: 2246174

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1052 27Jul1994



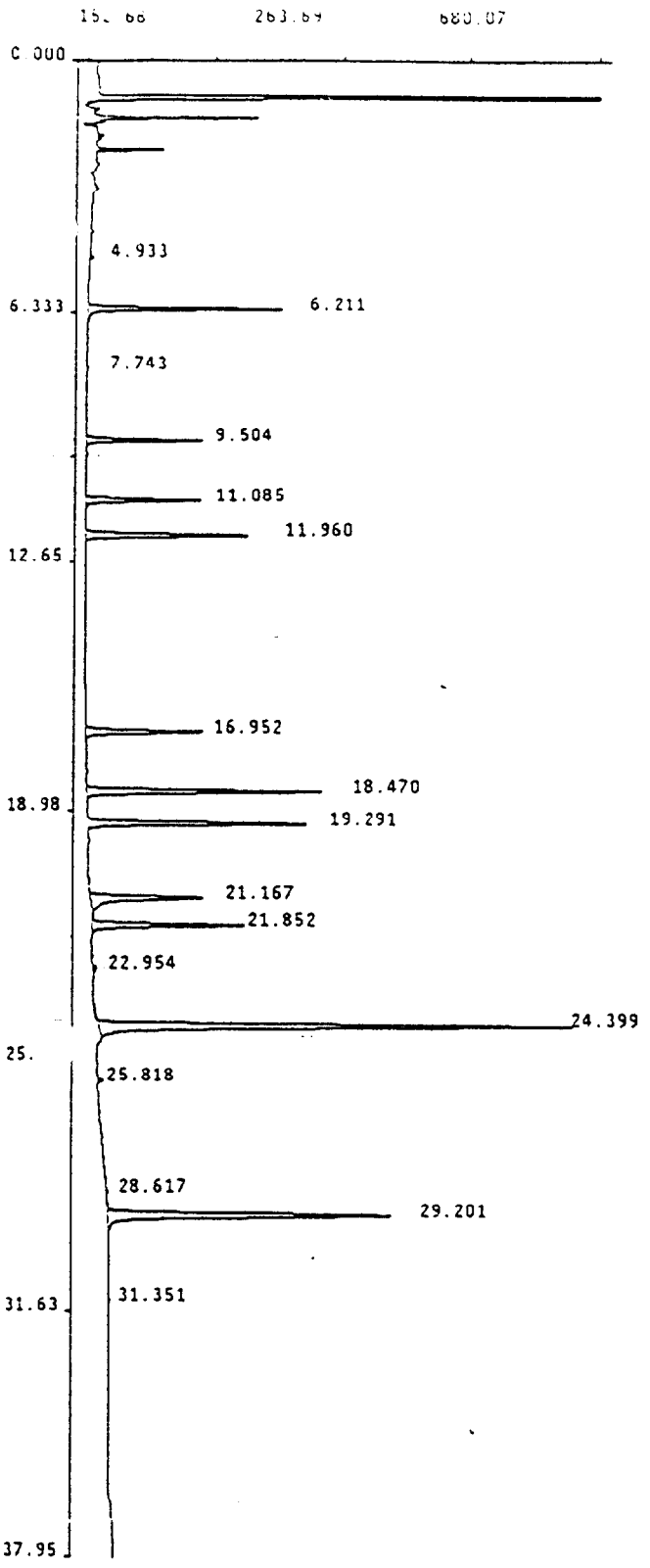
Ceimic Corporation Pest/PCB Report

Sample Name : INDAMOA
Lab Id : INDAMOA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL014.RES
Inject Time : 2141 21Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	6.39	6707	BB	.001	
2	7.38	208410	BB	.020	TCX
3	10.24	132000	BB	.020	ALPHA-BHC
4	11.93	155815	BB	.020	GAMMA-BHC
5	13.32	208088	BB	.020	HEPTACHLOR
6	18.77	136210	BB	.020	ENDOSULF. I
7	20.12	279397	BB	.040	DIELDRIN
8	21.70	238644	BB	.040	ENDRIN
9	22.33	206429	BB	.040	4,4'-DDD
10	23.61	246105	BB	.040	4,4'-DDT
11	27.41	741509	BB	.200	METHOXYCHLOR
12	33.71	392459	BB	.040	DCB
13	37.68	3383	BB	.001	

Total Area: 2955155

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1703 25Jul1994



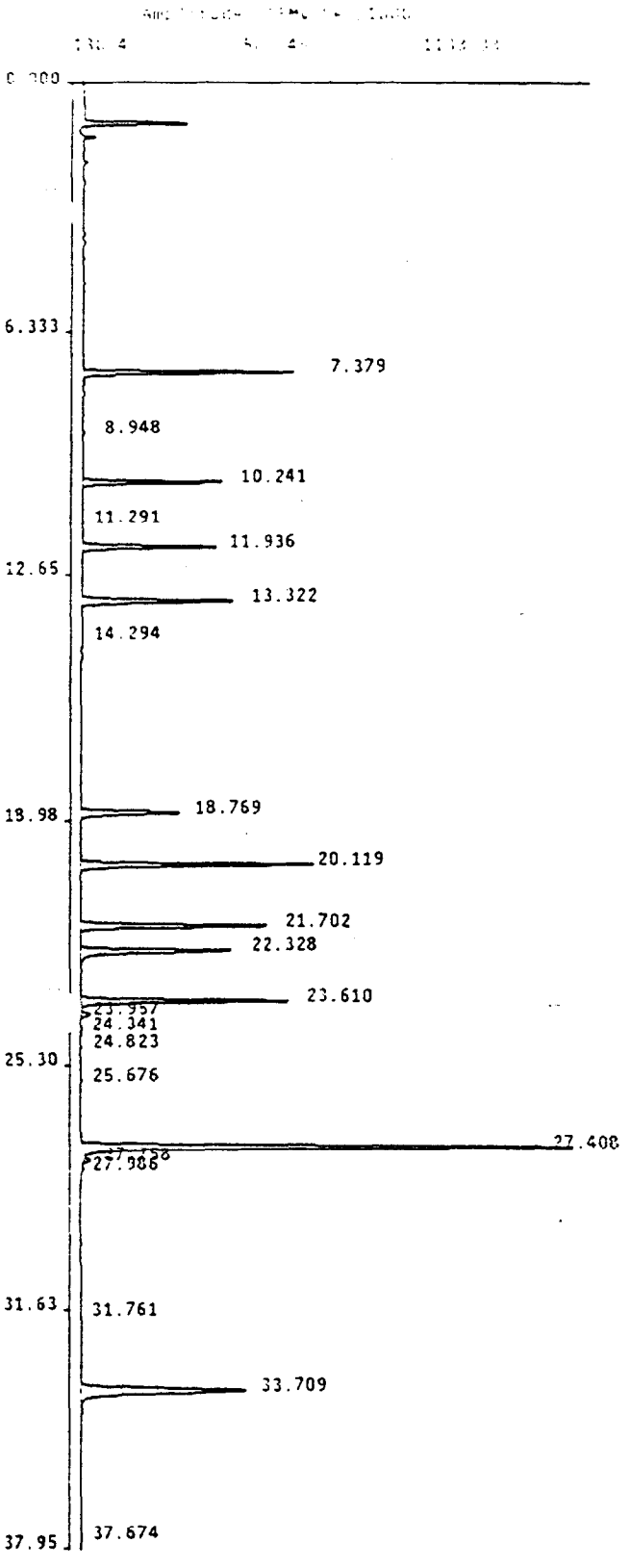
Ceimic Corporation Pest/PCB Report

Sample Name : INDAM1A
Lab Id : INDAM1A .I
Inst Id & Col : AD8_1, 081701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL014.RES
Inject Time : 2141 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.93	4513	V8	.001	
2	6.21	232052	B8	.020	TCX
3	7.74	2336	B8	.001	
4	9.50	140713	B8	.020	ALPHA-BHC
5	11.08	158891	B8	.020	GAMMA-BHC
6	11.96	248122	B8	.020	HEPTACHLOR
7	16.95	185298	B8	.020	ENDOSULF. I
8	18.47	358368	B8	.040	DIELDRIN
9	19.29	323380	B8	.040	ENDRIN
10	21.17	222989	B8	.040	4,4'-DDD
11	21.85	237374	B8	.040	4,4'-DDT
12	22.95	5199	B8	.001	ENDRIN ALDEH
13	24.40	849942	B8	.200	METHOXYCHLOR
14	25.82	9185	B8	.002	ENDRIN KETON
15	28.62	6108	B8	.001	
16	29.20	536727	B8	.040	DCB
17	31.35	3085	B8	.001	

Total Area: 3524283

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1356 22Jul1994



Ceimic Corporation Pest/PCB Report

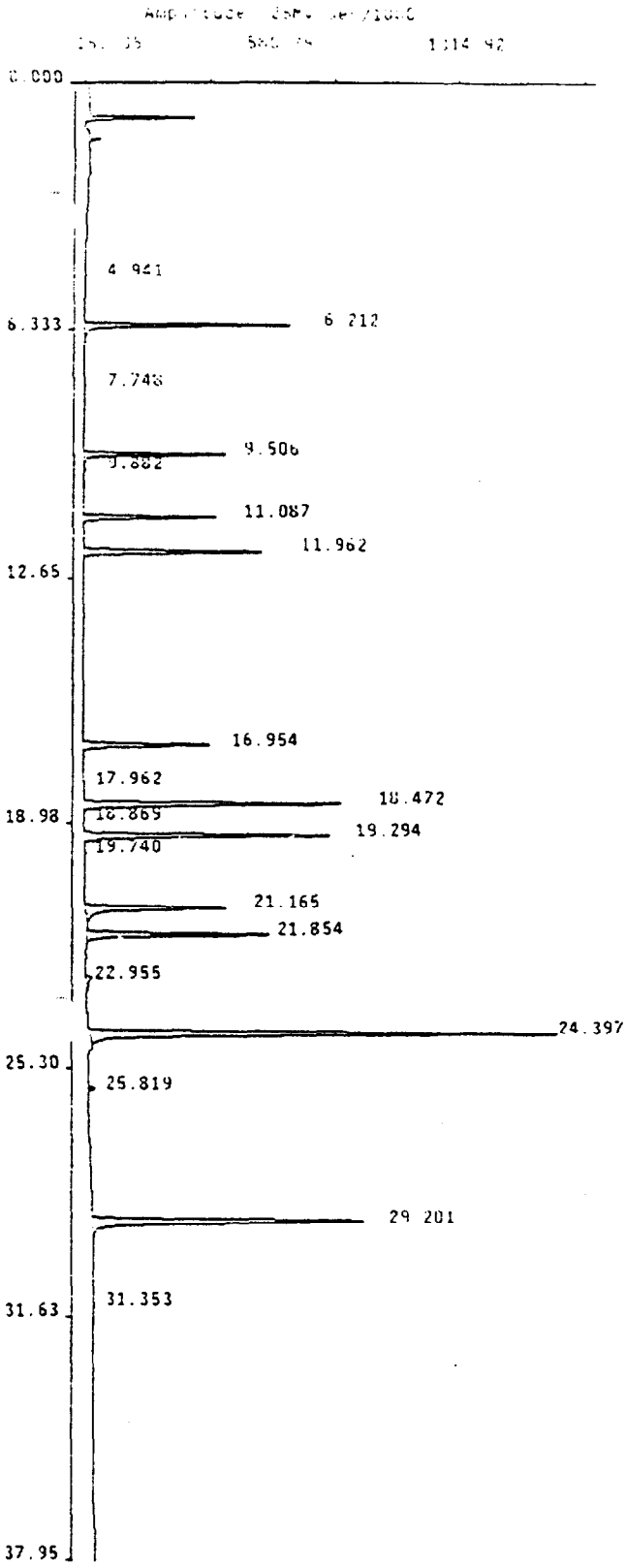
Sample Name : INDAMHOA
Lab Id : INDAMHOA, I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M9P21JUL016.RES
Inject Time : 2310 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	481486	BB	.046	TCX
2	8.95	5388	BB	.001	
3	10.24	344009	BB	.052	ALPHA-BHC
4	11.29	3946	BB	.001	
5	11.94	355384	BB	.046	GAMMA-BHC
6	13.32	472041	BB	.045	HEPTACHLOR
7	14.29	2294	BB	.001	
8	18.77	318482	BB	.047	ENDOSULF. I
9	20.12	682435	BB	.098	DIELDRIN
10	21.70	578263	BB	.097	ENDRIN
11	22.33	495832	BB	.096	4,4'-DDD
12	23.61	608586	BB	.099	4,4'-DDT
13	23.96	28665	BB	.007	ENDRIN ALDEH
14	24.34	11654	BB	.003	
15	24.82	2330	BB	.001	
16	25.68	2642	BB	.001	
17	27.41	1606021	BB	.433	METHOXYCHLOR
18	27.76	19233	BB	.003	ENDRIN KETON
19	27.99	2962	BB	.001	
20	31.76	2917	BB	.001	
21	33.71	849738	BB	.087	DCB
22	37.67	5301	BB	.001	

Total Area: 6879608

Method File: /DATA/METHOD/INDAB09.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1134 27Jul1994

SM 7/27/94



Ceimic Corporation Pest/PCB Report

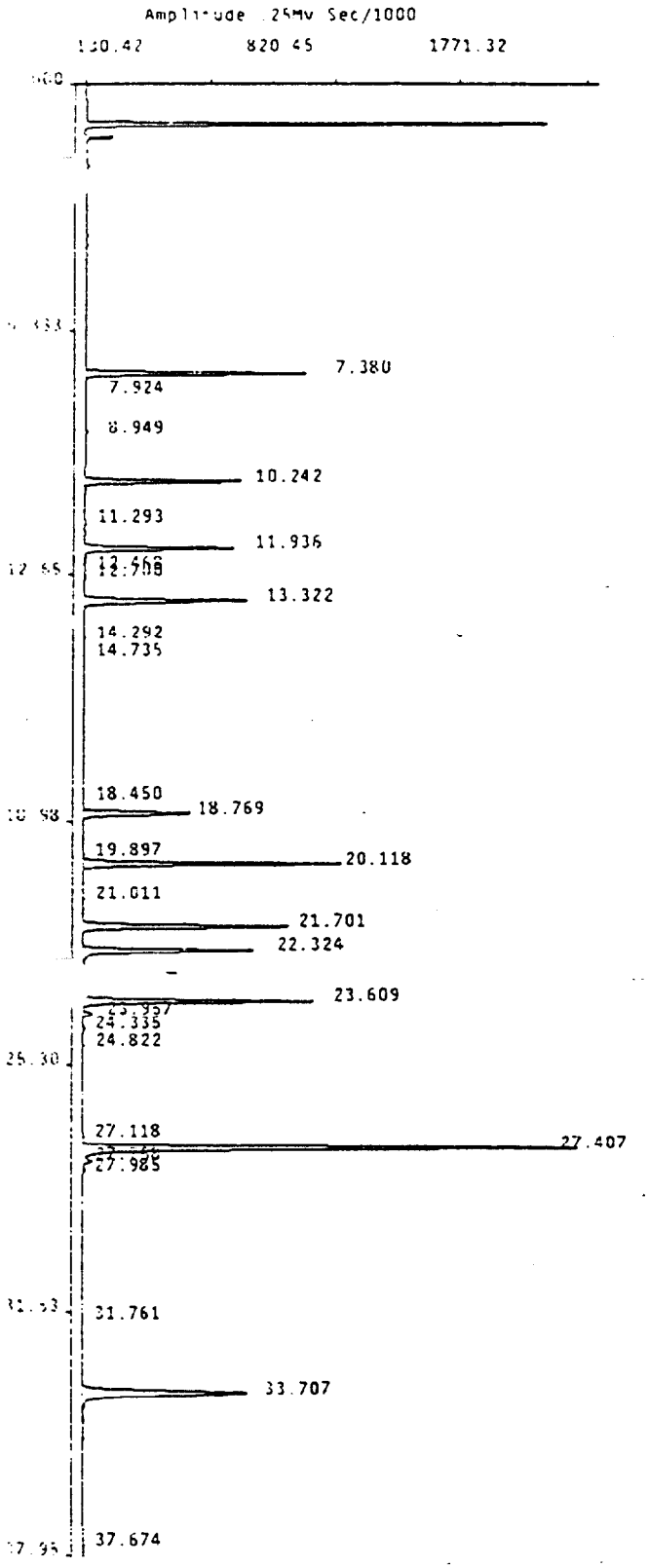
Sample Name : INDAMH1A
Lab Id : INDAMH1A, I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M8P21JUL016.RES
Inject Time : 2310 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4046	VB	.001	
2	6.21	530910	BB	.046	TCX
3	7.75	5234	BB	.001	
4	9.51	364491	BB	.052	ALPHA-BHC
5	9.88	4178	BB	.001	
6	11.09	406551	BB	.051	GAMMA-BHC
7	11.96	594762	BB	.048	HEPTACHLOR
8	16.95	435363	BB	.047	ENDOSULF. I
9	17.96	3617	BB	.000	4,4'-DDE
10	18.47	884378	BB	.099	DIELDRIN
11	18.87	2074	BB	.000	
12	19.29	786412	BB	.097	ENDRIN
13	19.74	3257	BB	.001	
14	21.16	555828	BB	.100	4,4'-DDD
15	21.85	609148	BB	.103	4,4'-DDT
16	22.96	47832	BB	.011	ENDRIN ALDEH
17	24.40	1862146	BB	.438	METHOXYCHLOR
18	25.82	21571	BB	.004	ENDRIN KETON
19	29.20	1159366	BB	.086	DCB
20	31.35	6690	BB	.001	

Total Area: 8287856

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1056 27Jul1994

SM 7/27/94



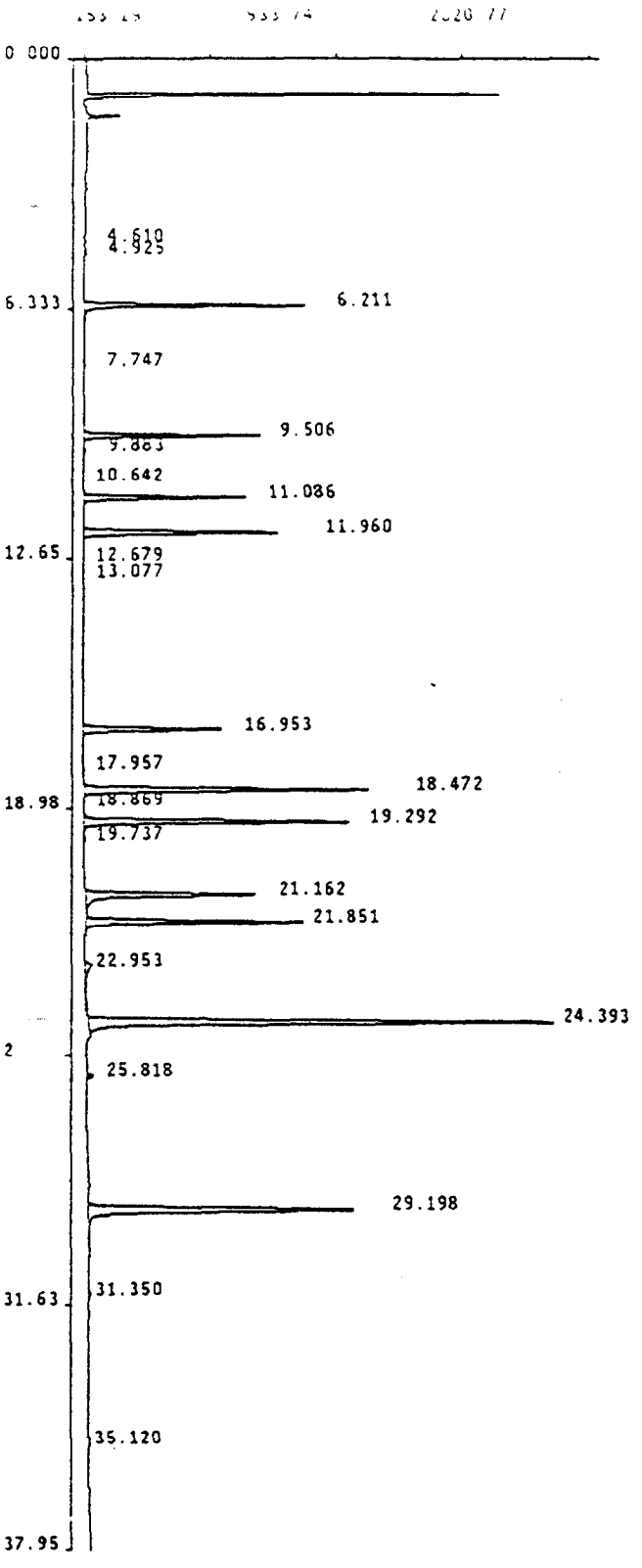
Ceimic Corporation Pest/PCB Report

Sample Name : INDAHOA
Lab Id : INDAHOA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL018.RES
Inject Time : 0039 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	826390	BB	.079	TCX
2	7.92	2515	BB	.001	
3	8.95	9284	BB	.002	
4	10.24	629271	BB	.095	ALPHA-BHC
5	11.29	6700	BB	.001	
6	11.94	634017	BB	.081	GAMMA-BHC
7	12.47	2618	BB	.001	
8	12.70	2800	BB	.001	
9	13.32	818218	BB	.079	HEPTACHLOR
10	14.29	3323	BB	.001	
11	14.74	2156	BB	.000	ALDRIN
12	18.45	2853	BB	.001	
13	18.77	551693	BB	.081	ENDOSULF. I
14	19.90	3074	BB	.000	4,4'-DDE
15	20.12	1228983	BB	.176	DIELDRIN
16	21.01	3415	BB	.001	
17	21.70	1035593	BB	.174	ENDRIN
18	22.32	866181	BB	.168	4,4'-DDD
19	23.61	1092112	BB	.178	4,4'-DDT
20	23.96	49179	BB	.011	ENDRIN ALDEH
21	24.34	16239	BB	.004	
22	24.82	4132	BB	.001	
23	27.12	3355	BB	.001	
24	27.41	2596237	BS	.700	METHOXYCHLOR
25	27.76	33203	BB	.006	ENDRIN KETON
26	27.99	9827	BB	.002	
27	31.76	4684	BB	.001	
28	33.71	1397586	BB	.142	DCB
29	37.67	9185	BB	.002	

Total Area: 11844828

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2049 25Jul1994



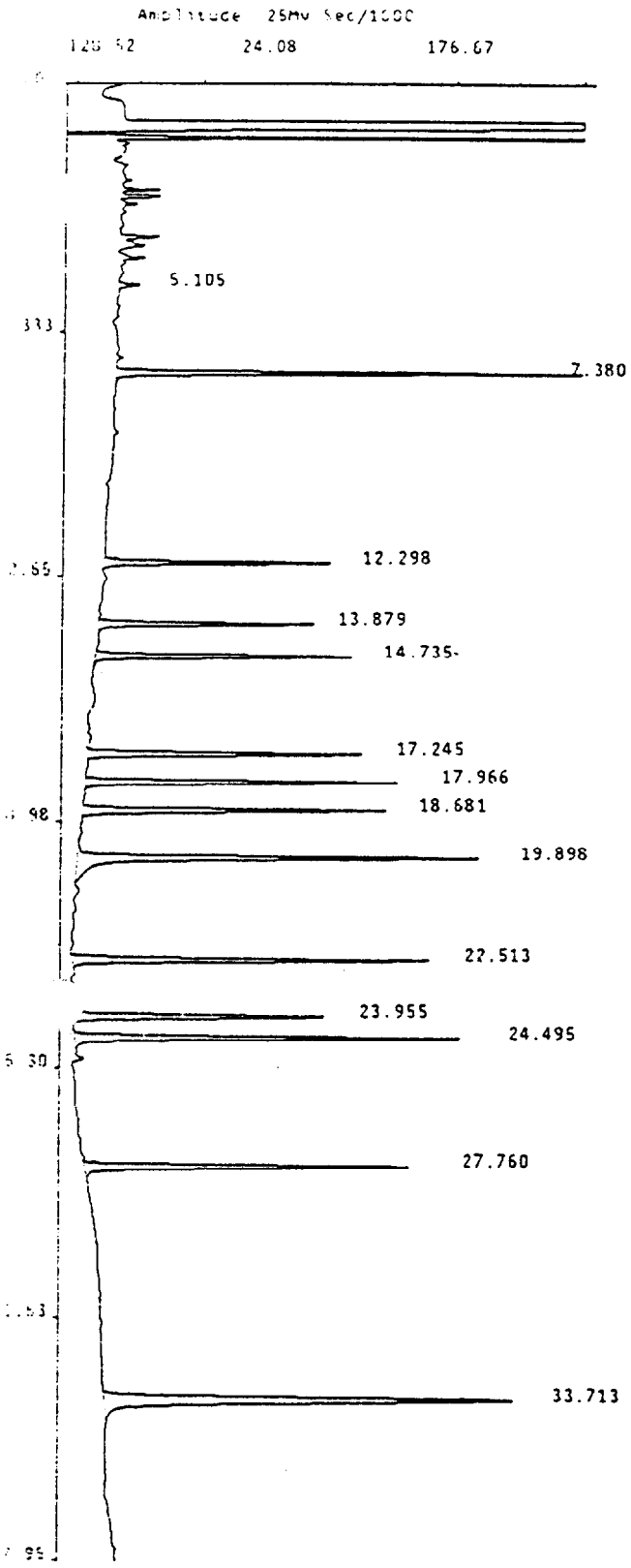
Ceimic Corporation Pest/PCB Report

Sample Name : INDAH1A
Lab Id : INDAH1A ,I
Inst Id & Col : ADB_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL018.RES
Inject Time : 0039 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.61	2191	BV	.000	
2	4.92	7709	VB	.002	
3	6.21	911789	BB	.079	TCX
4	7.75	9021	BB	.002	
5	9.51	709778	BB	.101	ALPHA-BHC
6	9.88	7602	BB	.002	
7	10.64	3269	BB	.001	
8	11.09	767304	BB	.097	GAMMA-BHC
9	11.96	1038994	BB	.084	HEPTACHLOR
10	12.68	2680	BB	.001	
11	13.08	2529	BB	.000	ALDRIN
12	16.95	766784	BB	.083	ENDOSULF. I
13	17.96	4920	BB	.001	4,4'-DDE
14	18.47	1570223	BB	.175	DIELDRIN
15	18.87	3462	BB	.001	
16	19.29	1389195	BB	.172	ENDRIN
17	19.74	5609	BB	.001	
18	21.16	994542	BB	.178	4,4'-DDD
19	21.85	1128884	BB	.190	4,4'-DDT
20	22.95	79498	BB	.018	ENDRIN ALDEH
21	24.39	3034983	BS	.714	METHOXYCHLOR
22	25.82	39907	BB	.007	ENDRIN KETON
23	29.20	1844009	BB	.137	DCB
24	31.35	11782	BB	.003	
25	35.12	3995	BB	.001	

Total Area: 14340664

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1359 22Jul1994



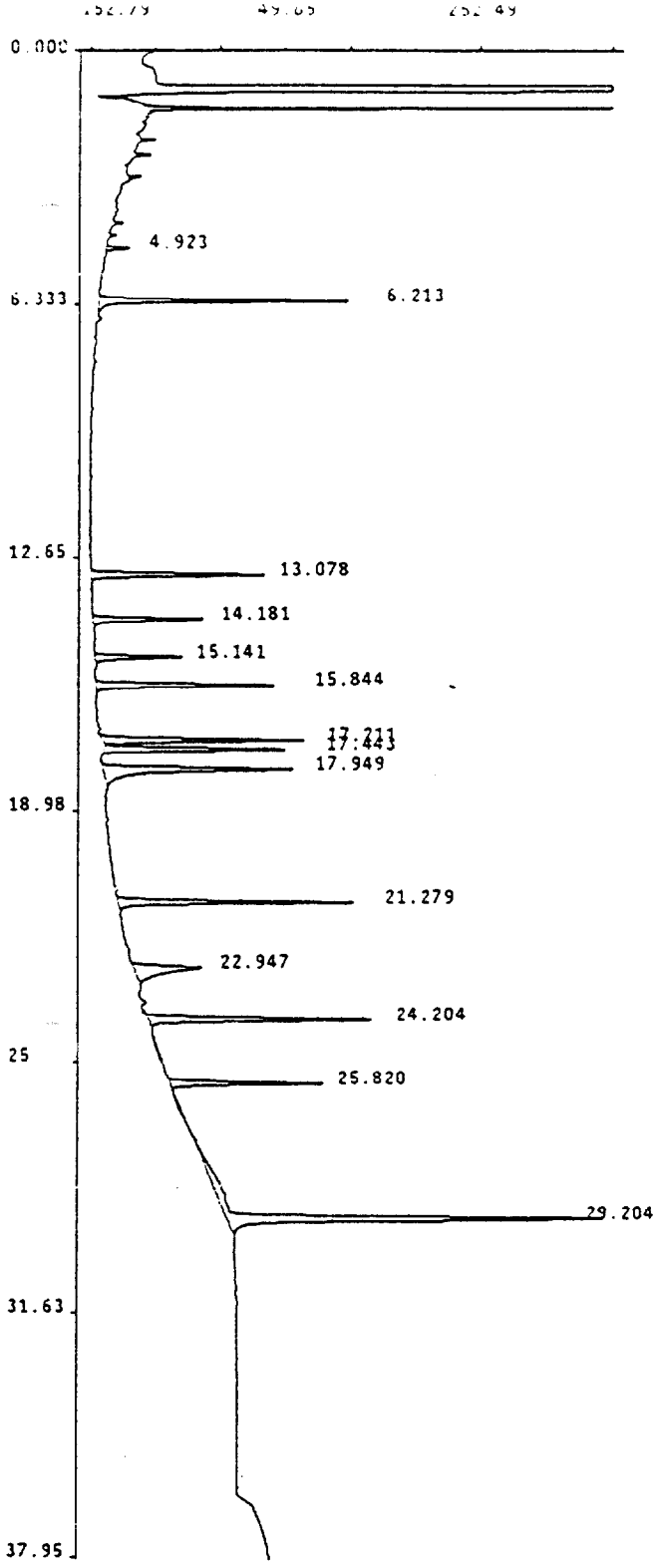
Ceimic Corporation Pest/PCB Report

Sample Name : INDBL0A
Lab Id : INDBL0A .I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL011.RES
Inject Time : 1928 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.11	2874	BB	.001	
2	7.38	51893	BB	.005	TCX
3	12.30	28719	BB	.005	BETA-BHC
4	13.88	28865	BB	.005	DELTA-BHC
5	14.74	39461	BB	.005	ALDRIN
6	17.25	40792	BB	.005	H. EPOXIDE
7	17.97	48026	BB	.005	G. CHLORDANE
8	18.68	46658	BB	.005	A. CHLORDANE
9	19.90	71263	BB	.009	4,4'-DDE
10	22.51	54228	BB	.009	ENDOSULF.II
11	23.95	39557	BB	.009	ENDRIN ALDEH
12	24.49	60627	BB	.009	ENDO. SULFAT
13	27.76	52063	BB	.009	ENDRIN KETON
14	33.71	100401	BB	.010	DCB

Total Area: 665430

Method File: /DATA/METHOD/OM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2047 25Jul1994



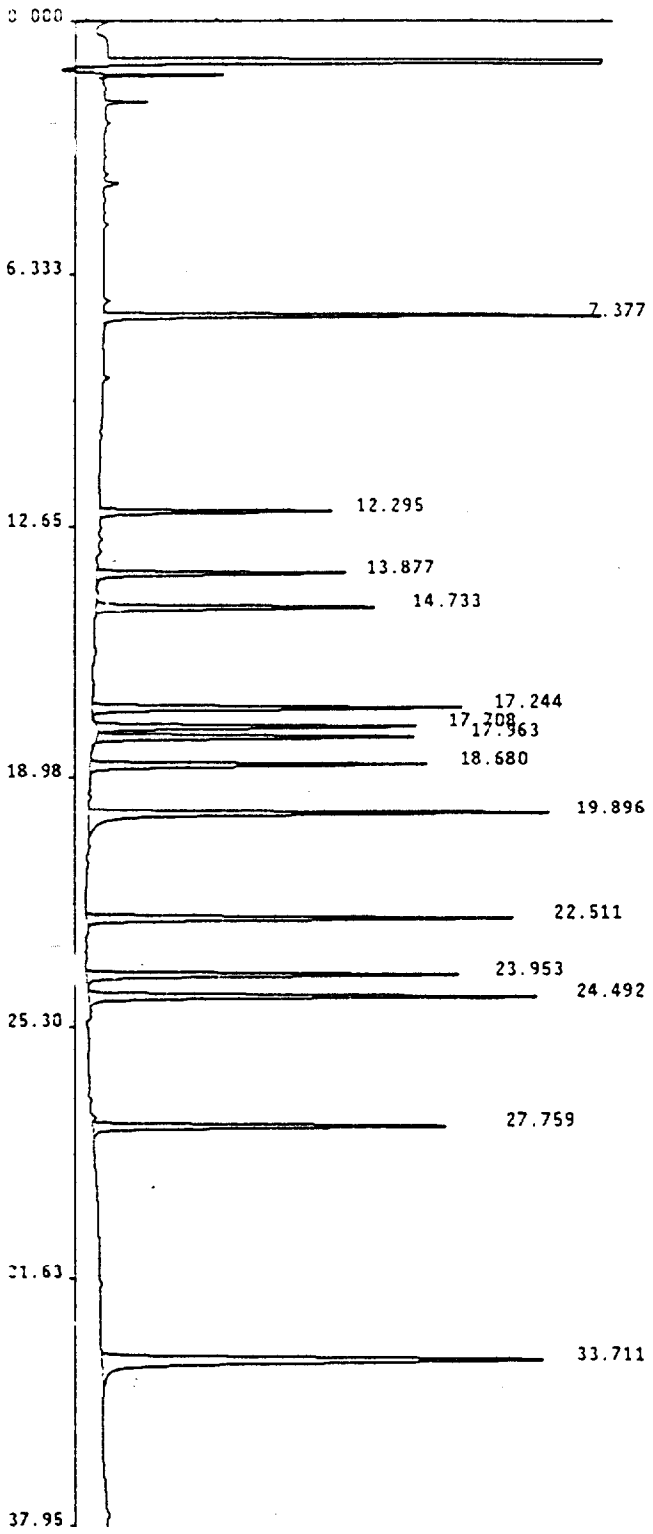
Ceimic Corporation Pest/PCB Report

Sample Name : INDBL1A
Lab Id : INDBL1A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL011.RES
Inject Time : 1928 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.92	5108	PB	.001	
2	6.21	58295	BB	.005	TCX
3	13.08	46407	BB	.004	ALDRIN
4	14.18	29572	BB	.004	BETA-BHC
5	15.14	23902	BB	.004	DELTA-BHC
6	15.84	52991	BB	.004	H. EPOXIDE
7	17.21	54977	BB	.004	G. CHLORDANE
8	17.44	53538	BB	.004	A. CHLORDANE
9	17.95	75981	BB	.009	4,4'-DDE
10	21.28	68104	BB	.009	ENDOSULF. II
11	22.95	38502	BB	.009	ENDRIN ALDEH
12	24.20	66717	BB	.008	ENDO. SULFAT
13	25.82	39944	BB	.007	ENDRIN KETON
14	29.20	162194	BB	.012	DC8

Total Area:		776230			

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1355 22Jul1994



Ceimic Corporation Pest/PCB Report

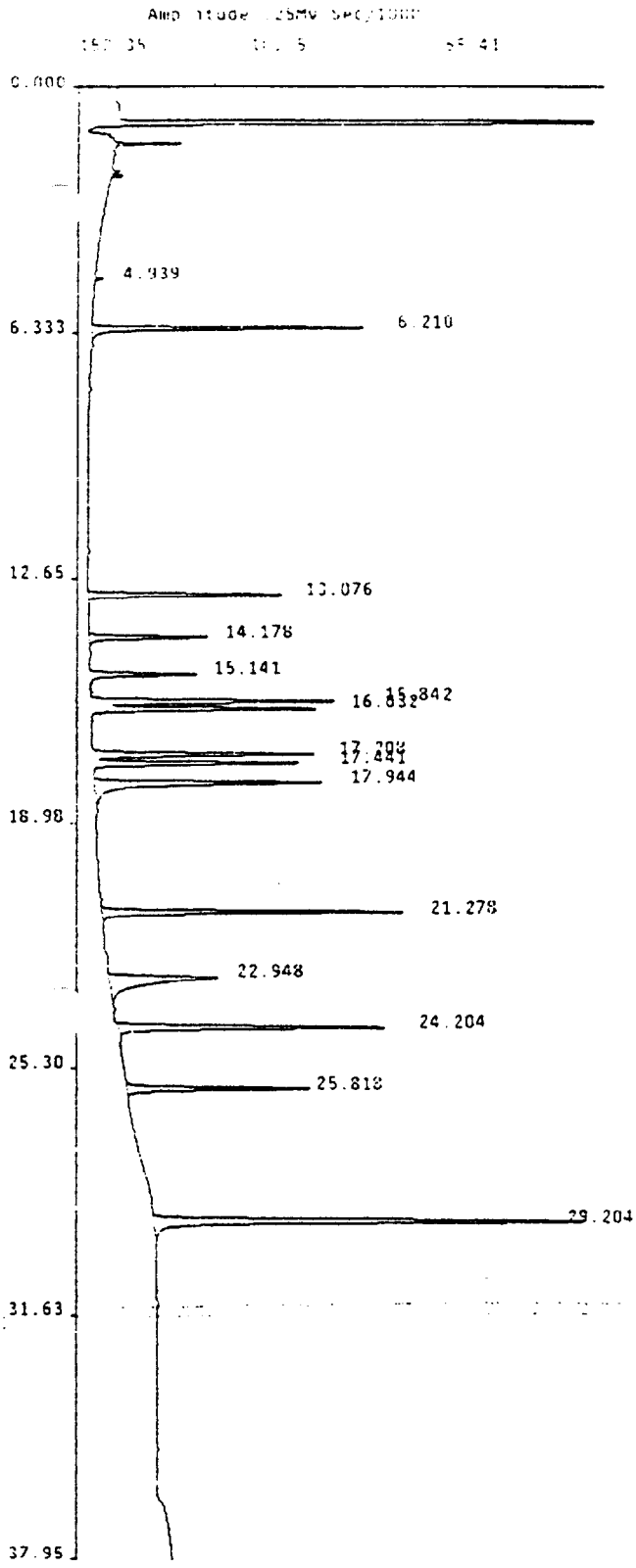
Sample Name : INDBLM0A
Lab Id : INDBLM0A, I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M9P21JUL013.RES
Inject Time : 2057 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	119833	BB	.011	TCX
2	12.29	62660	BB	.010	BETA-BHC
3	13.88	70217	BB	.011	DELTA-BHC
4	14.73	93025	BB	.011	ALDRIN
5	17.24	117170	BB	.013	H. EPOXIDE
6	17.71	98870	BB	.022	
7	17.96	102524	BB	.010	G. CHLORDANE
8	18.68	108725	BB	.011	A. CHLORDANE
9	19.90	161455	BB	.020	4,4'-DDE
10	22.51	136140	BB	.024	ENDOSULF.II
11	23.95	125619	BB	.029	ENDRIN ALDEH
12	24.49	146368	BB	.022	ENDO. SULFAT
13	27.76	122417	BB	.021	ENDRIN KETON
14	33.71	233125	BB	.024	DCB

Total Area: 1698146

SM 7127/a

Method File: /DATA/METHOD/INDAB09.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1133 27Jul1994



Ceimic Corporation Pest/PCB Report

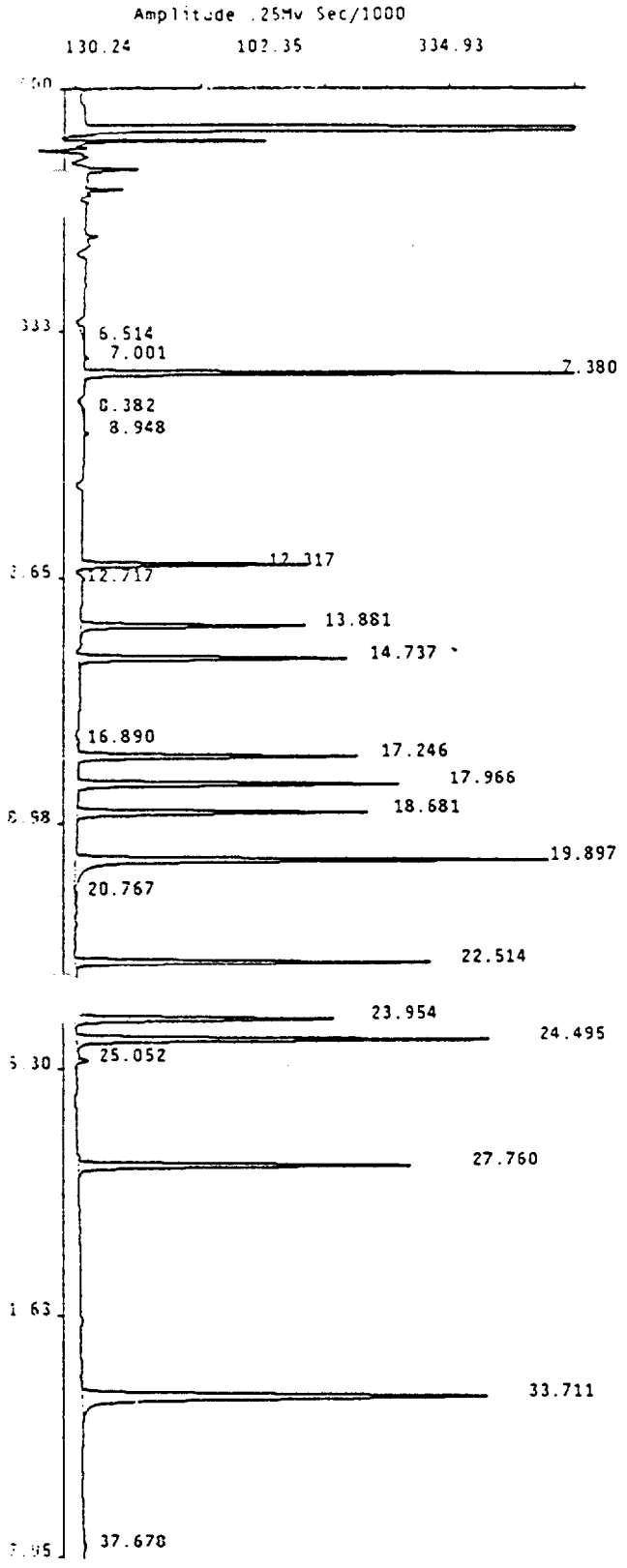
Sample Name : IND8LM1A
Lab Id : IND8LM1A, I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M8P21JUL013.RES
Inject Time : 2057 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

SM 7/27/94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	3216	V8	.001	
2	6.21	128088	BB	.011	TCX
3	13.08	107465	BB	.010	ALDRIN
4	14.18	67446	BB	.010	BETA-BHC
5	15.14	63612	BB	.011	DELTA-BHC
6	15.84	131741	BB	.011	H. EPOXIDE
7	16.03	104140	BB	.023	
8	17.21	122906	BB	.010	G. CHLORDANE
9	17.44	124881	BB	.010	A. CHLORDANE
10	17.94	184991	BB	.021	4,4'-DDE
11	21.28	179944	BB	.023	ENDOSULF. II
12	22.95	143370	BB	.033	ENDRIN ALDEH
13	24.20	165530	BB	.020	ENDO. SULFAT
14	25.82	109190	BB	.020	ENDRIN KETON
15	29.20	323561	BB	.024	DCB

Total Area: 1960083

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1053 27Jul1994



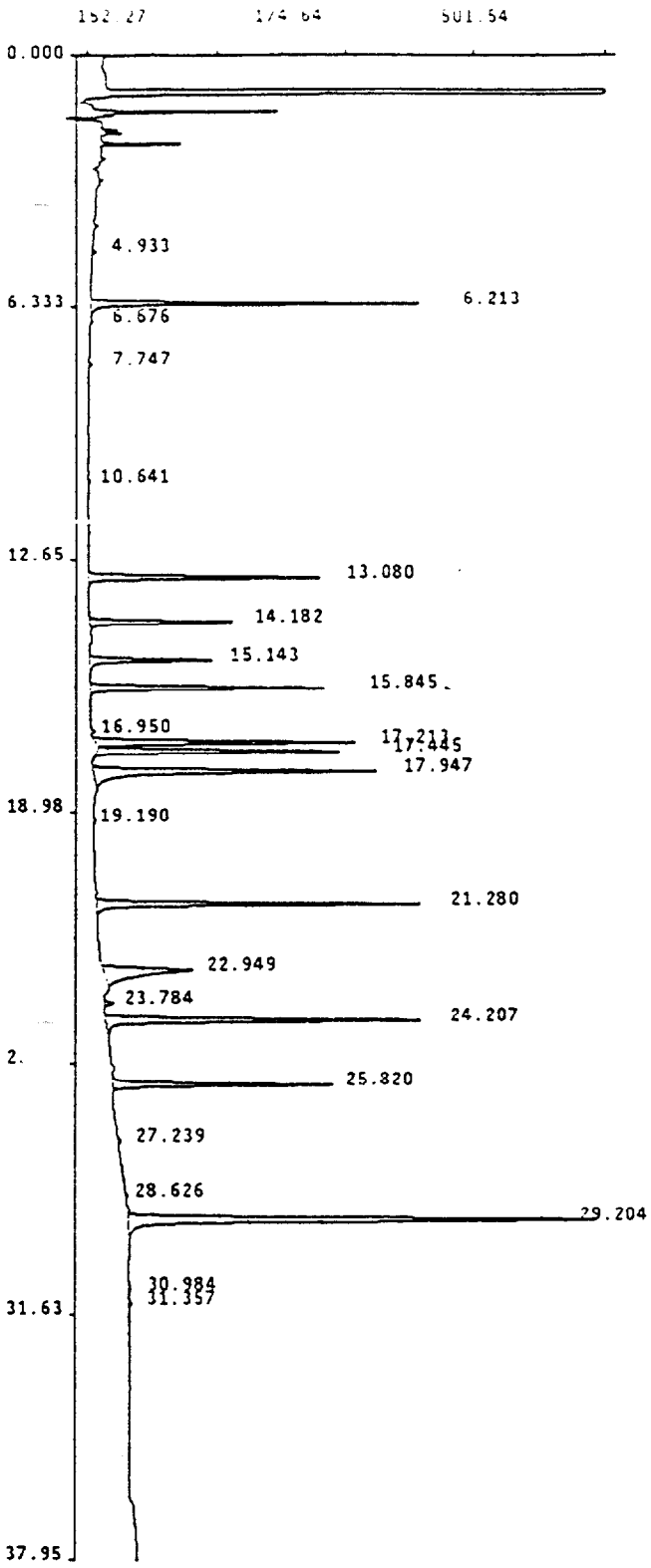
Ceimic Corporation Pest/PCB Report

Sample Name : IND8M0A
Lab Id : IND8M0A,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL01S.RES
Inject Time : 2226 21Jul1994
Run Status : RunStatusOK
SpecialInteg

Pk #	RT	Area	Code	MASSng	Name
1	6.51	9121	BB	.002	
2	7.00	2326	BB	.001	
3	7.38	229381	BB	.022	TCX
4	8.38	3741	BB	.001	
5	8.95	2732	BB	.001	
6	12.32	119452	FF	.020	BETA-BHC
7	12.72	2525	FF	.001	
8	13.88	127515	BB	.020	DELTA-BHC
9	14.74	172432	BB	.020	ALDRIN
10	16.89	3376	BB	.001	
11	17.25	179264	BB	.020	H. EPOXIDE
12	17.97	211920	BB	.020	G. CHLORDANE
13	18.68	191355	BB	.020	A. CHLORDANE
14	19.90	322140	BB	.040	4,4'-DDE
15	20.77	2808	BB	.001	
16	22.51	228844	BB	.040	ENDOSULF.II
17	23.95	176080	BB	.040	ENDRIN ALDEH
18	24.49	272207	BB	.040	ENDO. SULFAT
19	25.05	5723	BB	.001	
20	27.76	227793	BB	.040	ENDRIN KETON
21	33.71	425414	BB	.043	DCB
22	37.68	2887	BB	.001	

Total Area: 2919036

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1705 25Jul1994



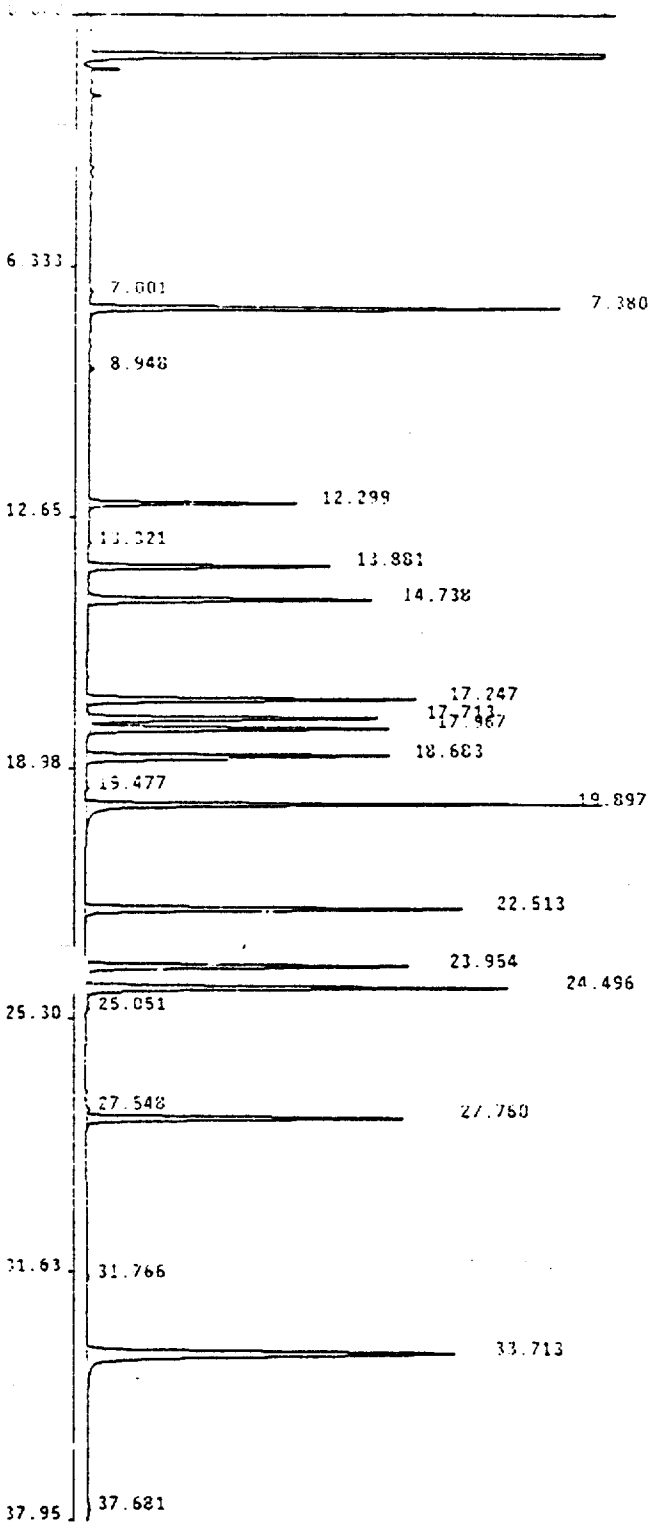
Ceimic Corporation Pest/PCB Report

Sample Name : INDBM1A
Lab Id : INDBM1A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL01S.RES
Inject Time : 2226 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.93	2931	PB	.001	
2	6.21	246922	BB	.021	TCX
3	6.68	2254	BB	.000	
4	7.75	2661	BB	.001	
5	10.64	2082	BB	.000	
6	13.08	206761	BB	.020	ALDRIN
7	14.18	131734	BB	.020	BETA-BHC
8	15.14	115897	BB	.020	DELTA-BHC
9	15.85	237953	BB	.020	H. EPOXIDE
10	16.95	4227	BB	.000	ENDOSULF. I
11	17.21	246528	BB	.020	G. CHLORDANE
12	17.44	240482	BB	.020	A. CHLORDANE
13	17.95	351281	BB	.040	4,4'-DDE
14	19.19	2446	BB	.001	
15	21.28	318530	BB	.040	ENDOSULF. II
16	22.95	173768	BB	.040	ENDRIN ALDEH
17	23.78	8215	BB	.002	
18	24.21	331453	BB	.040	ENDO. SULFAT
19	25.82	214891	BB	.040	ENDRIN KETON
20	27.24	3599	BB	.001	
21	28.63	6242	BB	.001	
22	29.20	589142	BB	.044	DCB
23	30.98	3132	BB	.001	
24	31.36	3496	BB	.001	

Total Area: 3446630

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1357 22Jul1994



Ceimic Corporation Pest/PCB Report

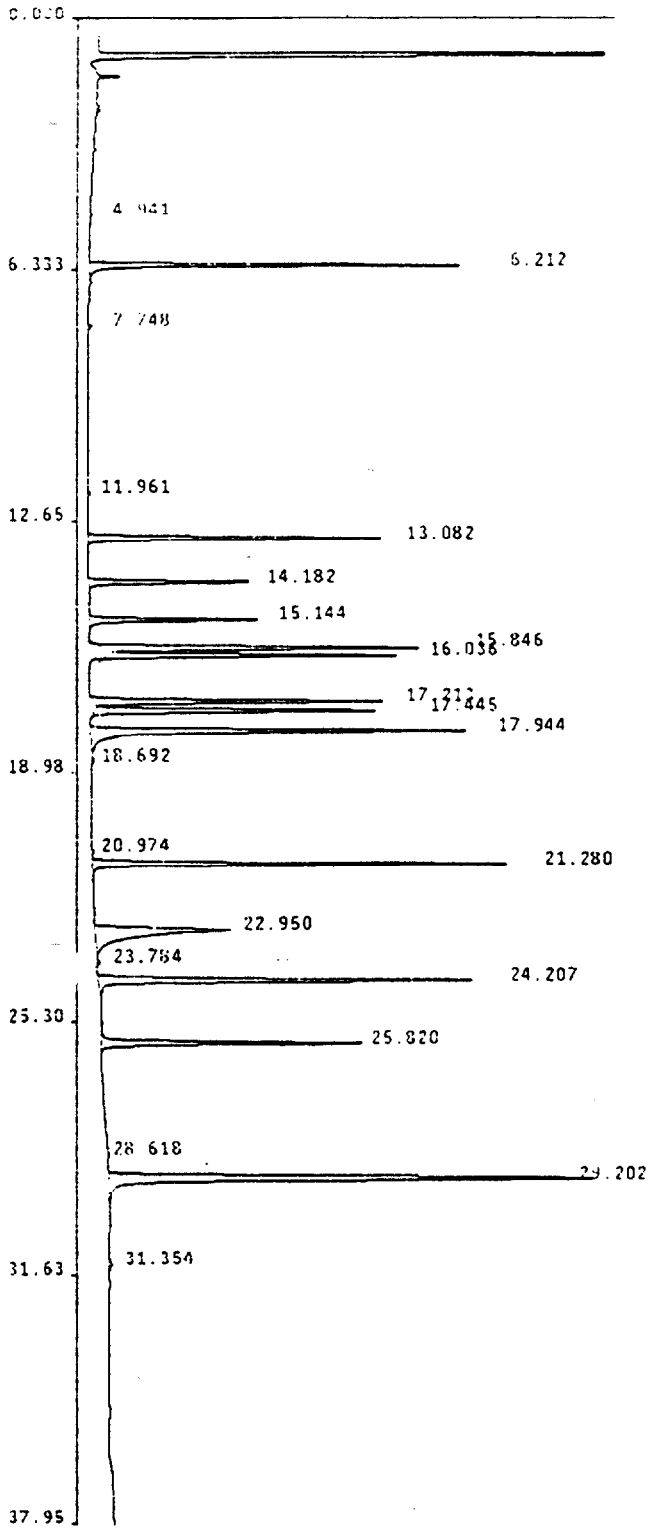
Sample Name : INDBMHOA
Lab Id : INDBMHOA, I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel . False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M9P21JUL017.RES
Inject Time : 2354 21Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	7.00	3412	BB	.001	
2	7.38	484424	BB	.046	TCX
3	8.95	5474	BB	.001	
4	12.30	241630	BB	.040	BETA-BHC
5	13.32	4681	BB	.000	HEPTACHLOR
6	13.88	292887	BB	.046	DELTA-BHC
7	14.74	391599	BB	.045	ALDRIN
8	17.25	454992	BB	.051	H. EPOXIDE
9	17.71	396992	BB	.087	
10	17.97	410332	BB	.039	G. CHLORDANE
11	18.68	431569	BB	.045	A. CHLORDANE
12	19.48	3029	BB	.001	
13	19.90	704152	BB	.087	4,4'-DDE
14	22.51	533407	BB	.093	ENDOSULF.II
15	23.95	473444	BB	.108	ENDRIN ALDEH
16	24.50	598224	BB	.088	ENDO. SULFAT
17	25.05	2952	BB	.001	
18	27.55	2163	BB	.000	
19	27.76	470514	BB	.083	ENDRIN KETON
20	31.77	3245	BB	.001	
21	33.71	850322	BB	.087	DCB
22	37.68	5164	BB	.001	

Total Area:		6764609			

SM 7/27/94

Method File: /DATA/METHOD/INDA8Q9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1135 27Jul1994



Ceimic Corporation Pest/PCB Report

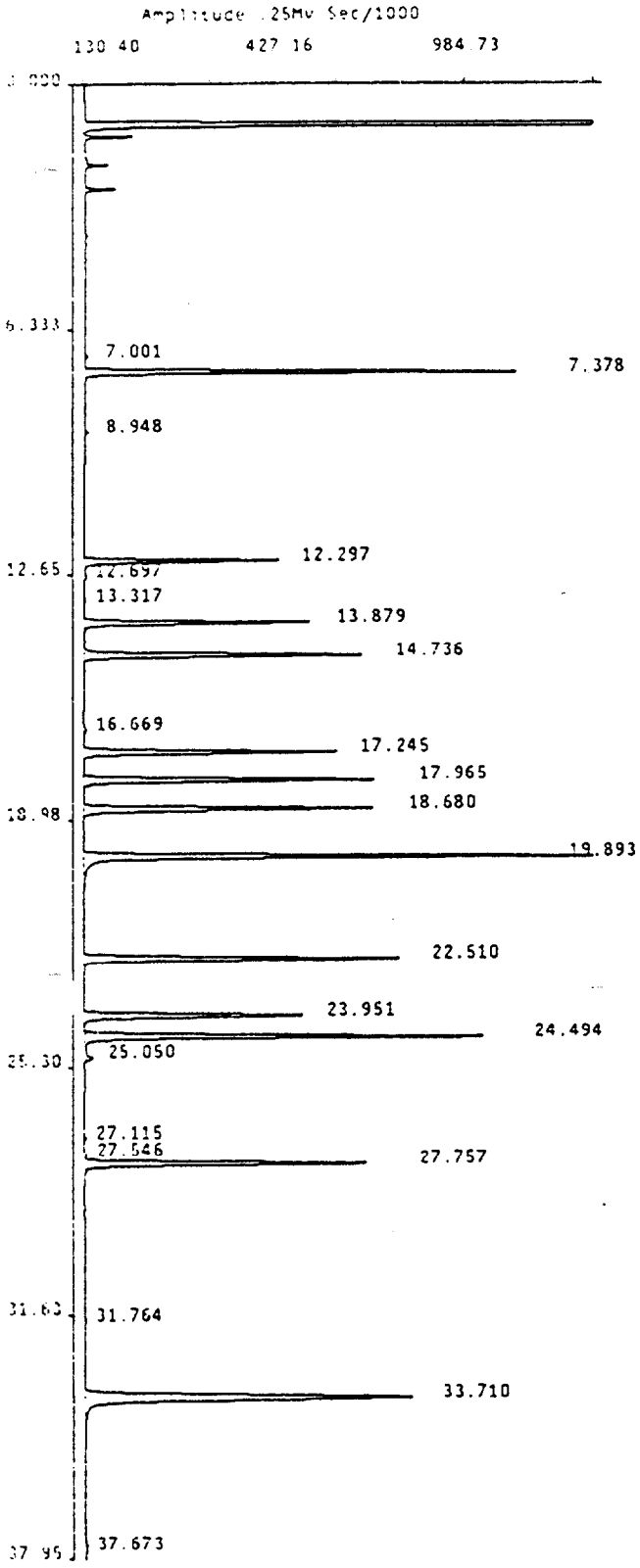
Sample Name : IND8MH1A
Lab Id : IND8MH1A, I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M8P21JUL017.RES
Inject Time : 2354 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

SM 7/27/94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	2663	VB	.001	
2	6.21	520367	BB	.045	TCX
3	7.75	5249	BB	.001	
4	11.96	4821	BB	.000	HEPTACHLOR
5	13.08	469708	BB	.045	ALDRIN
6	14.18	273873	BB	.042	BETA-BHC
7	15.14	278356	BB	.048	DELTA-BHC
8	15.85	551789	BB	.046	H. EPOXIDE
9	16.04	449174	BB	.099	
10	17.21	512798	BB	.042	G. CHLORDANE
11	17.45	519115	BB	.043	A. CHLORDANE
12	17.94	814634	BB	.093	4,4'-DDE
13	18.69	3828	BB	.001	
14	20.97	2059	BB	.000	
15	21.28	753274	BB	.095	ENDOSULF. II
16	22.95	559475	BB	.129	ENDRIN ALDEH
17	23.78	5126	BB	.001	
18	24.21	726070	BB	.088	ENDO. SULFAT
19	25.82	494011	BB	.092	ENDRIN KETON
20	28.62	6699	BB	.001	
21	29.20	1166846	BB	.087	DCB
22	31.35	6962	BB	.002	

Total Area:		8126897			

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1100 27Jul1994



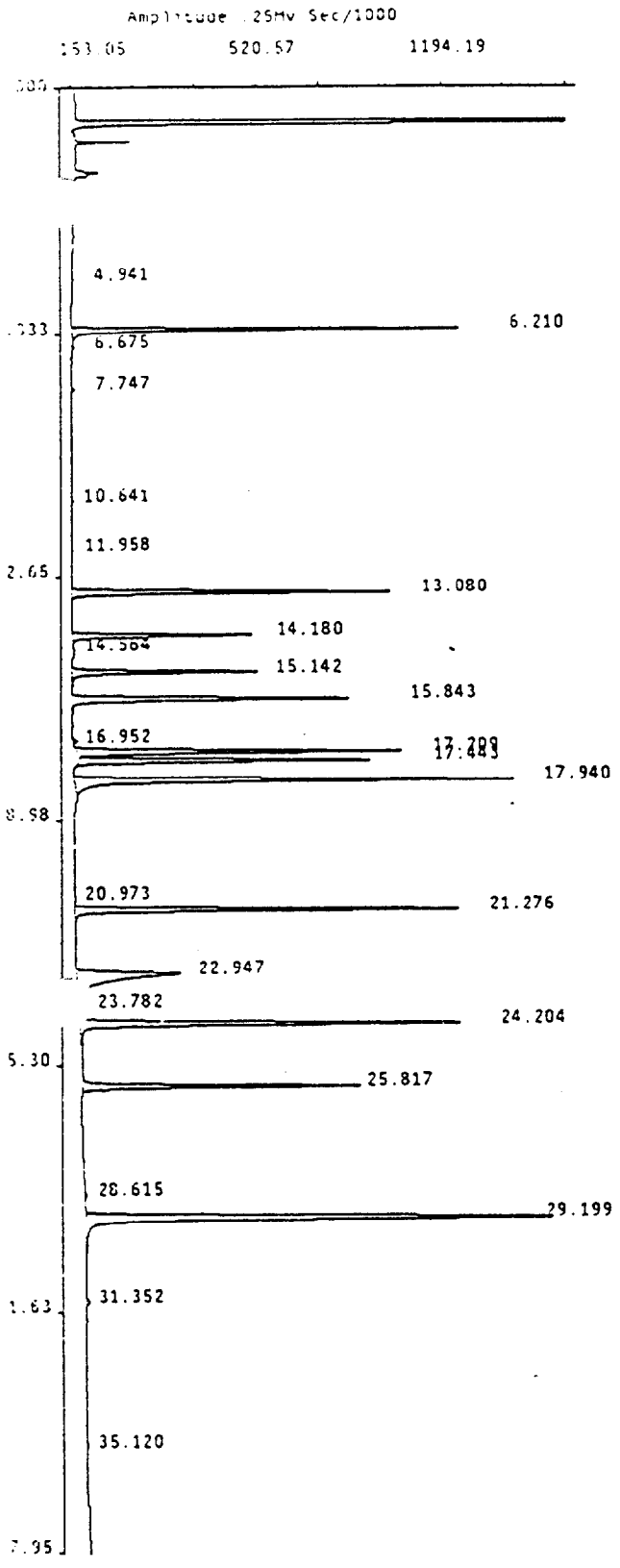
Ceimic Corporation Pest/PCB Report

Sample Name : INDBHOA
Lab Id : INDBHOA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL019.RES
Inject Time : 0123 22Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	7.00	6717	BB	.001	
2	7.38	835415	BB	.080	TCX
3	8.95	9394	BB	.002	
4	12.30	425400	BB	.071	BETA-BHC
5	12.70	5861	BB	.001	
6	13.32	4109	BB	.000	HEPTACHLOR
7	13.88	497734	BB	.078	DELTA-BHC
8	14.74	706215	BB	.082	ALDRIN
9	16.67	12783	BB	.003	
10	17.24	645926	BB	.072	H. EPOXIDE
11	17.96	772211	BB	.073	G. CHLORDANE
12	18.68	761429	BB	.080	A. CHLORDANE
13	19.89	1291888	BB	.160	4,4'-DDE
14	22.51	813292	BB	.142	ENDOSULF.II
15	23.95	595946	BB	.135	ENDRIN ALDEH
16	24.49	1028842	BB	.151	ENDO SULFAT
17	25.05	18323	BB	.004	
18	27.12	4288	BB	.001	
19	27.55	4048	BB	.001	
20	27.76	783556	BB	.138	ENDRIN KETON
21	31.76	5366	BB	.001	
22	33.71	1402970	BB	.143	DCB
23	37.67	9098	BB	.002	

Total Area: 10640812

Method File: /DATA/METHOD/OM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2049 25Jul1994



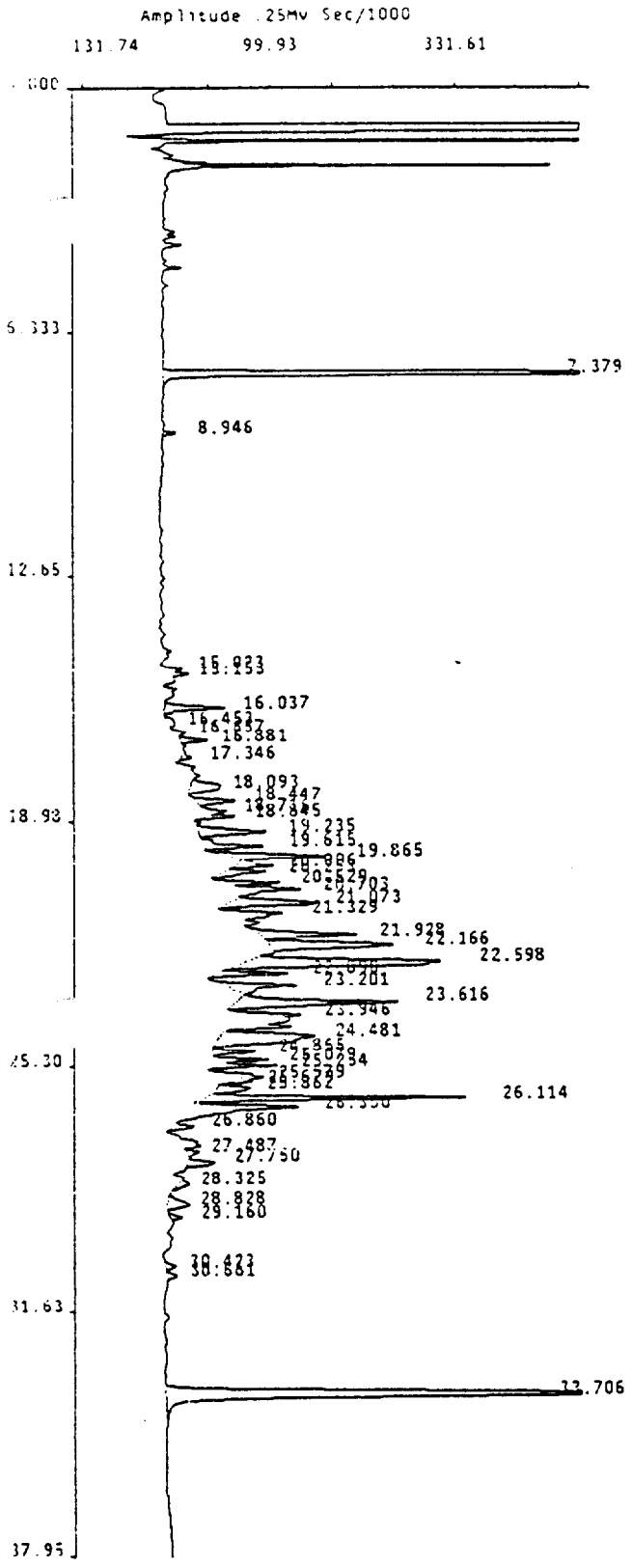
Ceimic Corporation Pest/PCB Report

Sample Name : IND8H1A
Lab Id : IND8H1A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL019.RES
Inject Time : 0123 22Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.94	2330	VB	.001	
2	6.21	899792	BB	.078	TCX
3	6.68	3586	BB	.001	
4	7.75	8986	BB	.002	
5	10.64	7042	BB	.002	
6	11.96	3174	BB	.000	HEPTACHLOR
7	13.08	850561	BB	.082	ALDRIN
8	14.18	495138	BB	.075	BETA-BHC
9	14.56	3464	BB	.001	
10	15.14	495041	BB	.085	DELTA-BHC
11	15.84	880128	BB	.074	H. EPOXIDE
12	16.95	13300	BB	.001	ENDOSULF. I
13	17.21	932246	BB	.076	G. CHLORDANE
14	17.44	907710	BB	.075	A. CHLORDANE
15	17.94	1486093	BB	.169	4,4'-DDE
16	20.97	4031	BB	.001	
17	21.28	1174834	BB	.148	ENDOSULF. II
18	22.95	705359	BB	.162	ENDRIN ALDEH
19	23.78	29725	BB	.007	
20	24.20	1247386	BB	.151	ENDO. SULFAT
21	25.82	847804	BB	.158	ENDRIN KETON
22	28.62	7669	BB	.002	
23	29.20	1877065	BB	.140	DCB
24	31.35	12153	BB	.003	
25	35.12	3409	BB	.001	

Total Area: 12898028

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1400 22Jul1994



Geimic Corporation Pest/PCB Report

Sample Name : TOXAPHOA
Lab Id : TOXAPHOA ,I
Inst Id & Col : AD9_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL009.RES
Inject Time : 1800 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	230423	BB	.020	TCX
2	8.95	2613	BB	.000	
3	15.02	2582	BB	.000	
4	15.15	2550	BB	.000	
5	16.04	17148	BB	.500	TOXAPHENE
6	16.45	3854	BB	.000	
7	16.66	2346	BB	.000	
8	16.88	6490	BB	.001	
9	17.35	2360	BB	.000	
10	18.09	15733	BB	.001	
11	18.45	11711	BB	.001	
12	18.72	3198	BB	.000	
13	18.84	5164	BB	.000	
14	19.23	24188	BB	.002	
15	19.61	12519	BB	.001	
16	19.87	29884	BB	.003	
17	20.10	9183	BB	.001	
18	20.25	11551	BB	.001	
19	20.53	11523	BB	.001	
20	20.70	11853	BB	.001	
21	21.07	31755	BB	.003	
22	21.33	7649	BB	.001	
23	21.93	30080	BB	.500	TOXAPHENE-2
24	22.17	48388	BB	.004	
25	22.60	85404	BB	.500	TOXAPHENE-3
26	22.89	16163	BB	.001	
27	23.20	26434	BB	.002	
28	23.62	56756	BB	.500	TOXAPHENE-4
29	23.95	6591	BB	.001	
30	24.48	55619	BB	.005	
31	24.87	9645	BB	.001	
32	25.08	11118	BB	.001	
33	25.25	14039	BB	.001	
34	25.58	9974	BB	.001	
35	25.68	2520	BB	.000	
36	25.86	11356	BB	.001	
37	26.11	60977	BB	.500	TOXAPHENE-5
38	26.35	22432	BB	.002	
39	26.86	3758	BB	.000	
40	27.49	3285	BB	.000	
41	27.75	8960	BB	.001	

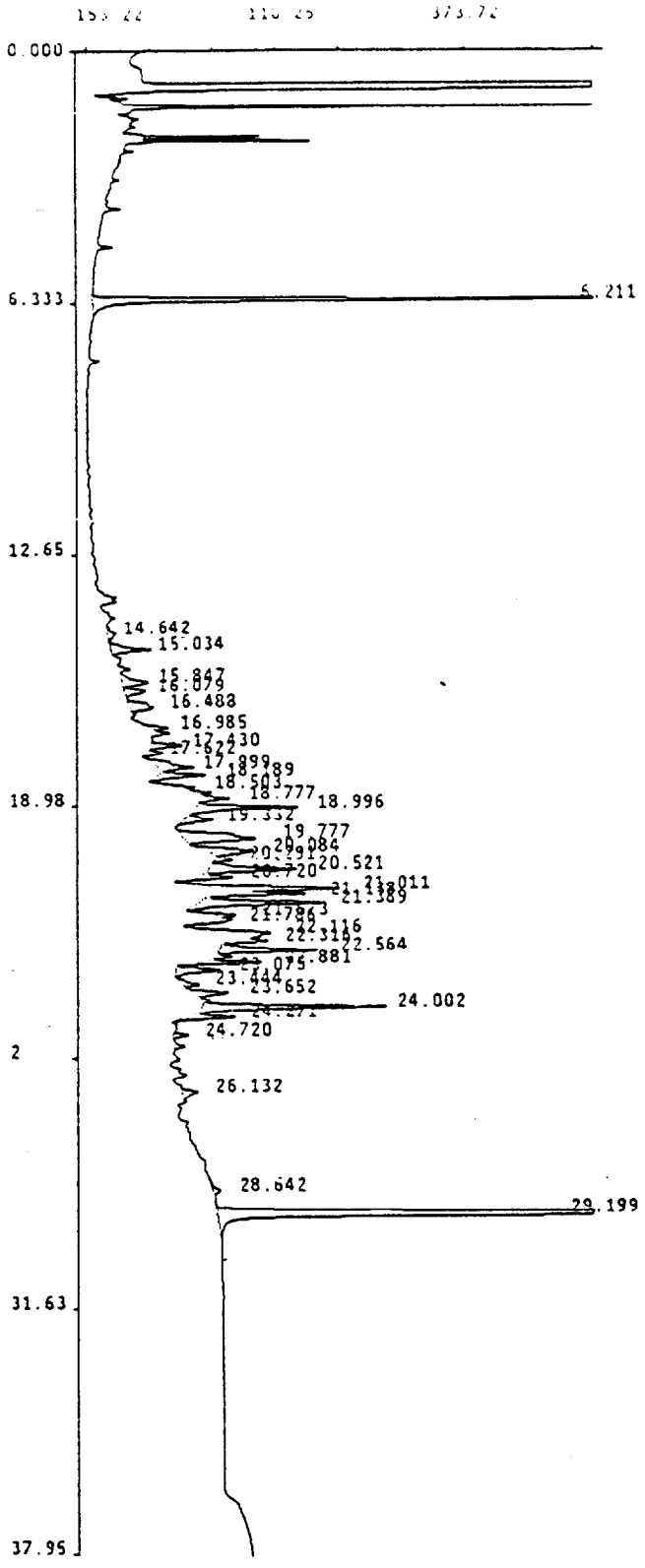
7/25/11

Sample Name : TOXAPHOA
Lab Id : TOXAPHOA ,I
Inst Id & Col : AD9_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL009.RES
Inject Time : 1800 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
42	28.33	4102	BB	.000	
43	28.83	10172	BB	.001	
44	29.16	3772	BB	.000	
45	30.42	2693	BB	.000	
46	30.66	3196	BB	.000	
47	33.71	200682	BB	.020	DCB
		1164396			

Total Area:

Method File: /DATA/METHOD/TOXAPH_9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1331 22Jul1994



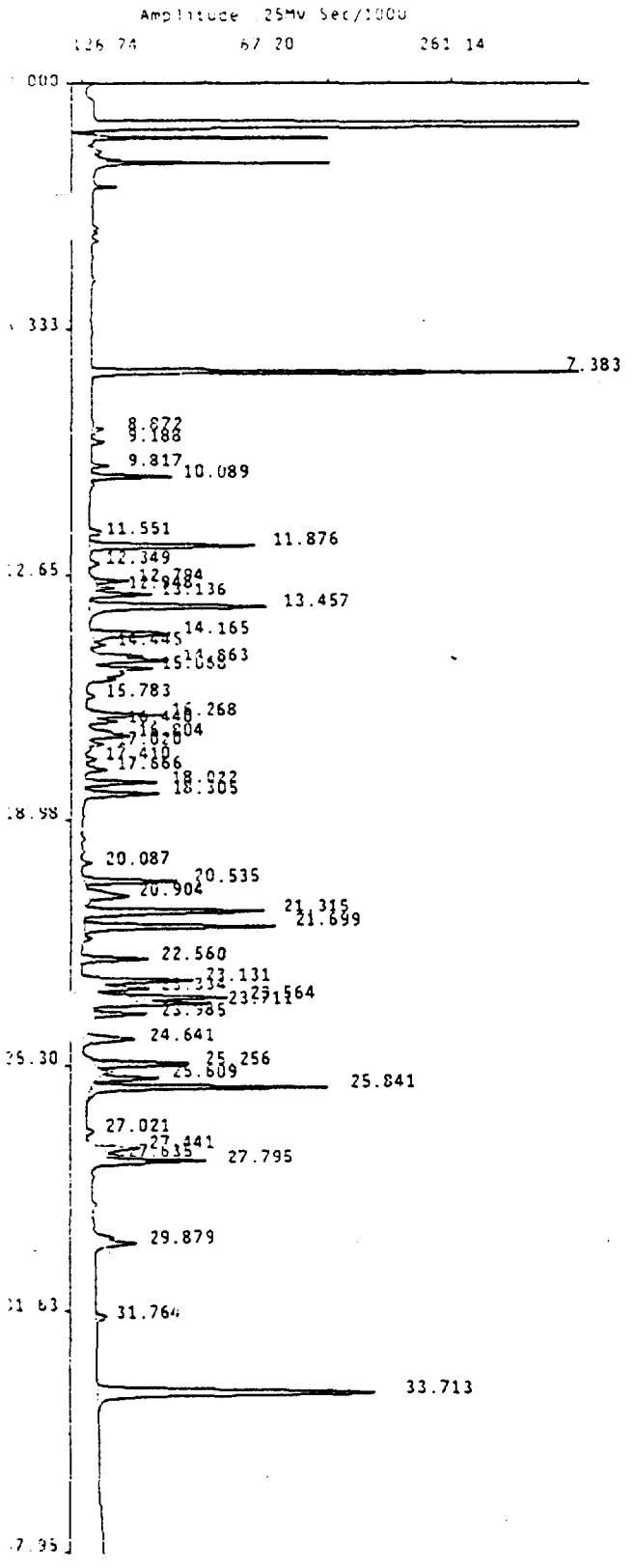
Ceimic Corporation Pest/PCB Report

Sample Name : TOXAPH1A
Lab Id : TOXAPH1A ,I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL009.RES
Inject Time : 1800 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	6.21	251063	BB	.020	TCX
2	14.64	4484	BB	.000	
3	15.03	16550	BB	.500	TOXAPHENE
4	15.85	12987	BB	.001	
5	16.08	9431	BB	.001	
6	16.49	14142	BB	.001	
7	16.99	5250	BB	.000	
8	17.43	10562	BB	.001	
9	17.62	5056	BB	.000	
10	18.00	20822	BB	.002	
11	18.19	17337	BB	.001	
12	18.50	4922	BB	.000	
13	18.78	9146	BB	.001	
14	19.00	34037	BB	.500	TOXAPHENE-2
15	19.33	11220	BB	.001	
16	19.78	44892	BB	.004	
17	20.08	24249	BB	.002	
18	20.29	4777	BB	.000	
19	20.52	33146	BB	.500	TOXAPHENE-3
20	20.72	11893	BB	.001	
21	21.01	34008	BB	.003	
22	21.14	16172	BB	.001	
23	21.37	46629	BB	.004	
24	21.67	7403	BB	.001	
25	21.79	7840	BB	.001	
26	22.12	10466	BB	.001	
27	22.32	8024	BB	.001	
28	22.56	36015	BB	.500	TOXAPHENE-4
29	22.88	15223	BB	.001	
30	23.07	16961	BB	.001	
31	23.44	6829	BB	.001	
32	23.65	12407	BB	.001	
33	24.00	65096	BB	.500	TOXAPHENE-5
34	24.27	14177	BB	.001	
35	24.72	4346	BB	.000	
36	26.13	6917	BB	.001	
37	28.64	4835	BB	.000	
38	29.20	281420	BB	.020	DCB
		1140733			

Total Area:

Method File: /DATA/METHOD/TOXAPH_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1352 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR16600A
Lab Id : AR16600A .I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL003.RES
Inject Time : 1334 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	151962	BB	.020	TCX
2	8.87	4802	BB	.000	
3	9.19	5034	BB	.000	
4	9.82	6517	BB	.001	
5	10.09	30841	BB	.100	ARO-1016
6	11.55	4881	BB	.000	
7	11.88	70850	BB	.100	ARO-1016-2
8	12.35	4827	BB	.000	
9	12.79	11908	BB	.001	
10	12.95	5118	BB	.000	
11	13.14	23686	BB	.002	
12	13.46	109214	BB	.100	ARO-1016-3
13	14.16	36080	BB	.100	ARO-1016-4
14	14.44	4220	BB	.000	
15	14.86	19117	BB	.002	
16	15.07	13606	BB	.001	
17	15.78	4087	BB	.000	
18	16.27	31423	BB	.100	ARO-1016-5
19	16.44	7625	BB	.001	
20	16.80	8966	BB	.001	
21	17.02	5017	BB	.000	
22	17.41	4199	BB	.000	
23	17.67	9750	BB	.001	
24	18.02	30298	BB	.003	
25	18.30	32175	BB	.003	
26	20.09	4307	BB	.000	
27	20.54	41640	BB	.004	
28	20.90	26902	BB	.002	
29	21.31	83835	BB	.100	ARO-1260
30	21.70	88233	BB	.100	ARO-1260-2
31	22.56	29760	BB	.003	
32	23.13	42250	BB	.004	
33	23.33	17528	BB	.002	
34	23.56	38092	BB	.003	
35	23.71	26942	BB	.002	
36	23.98	24670	BB	.002	
37	24.64	30913	BB	.003	
38	25.26	40100	BB	.100	ARO-1260-3
39	25.61	23718	BB	.002	
40	25.84	113618	BB	.100	ARO-1260-4
41	27.02	4151	BB	.000	

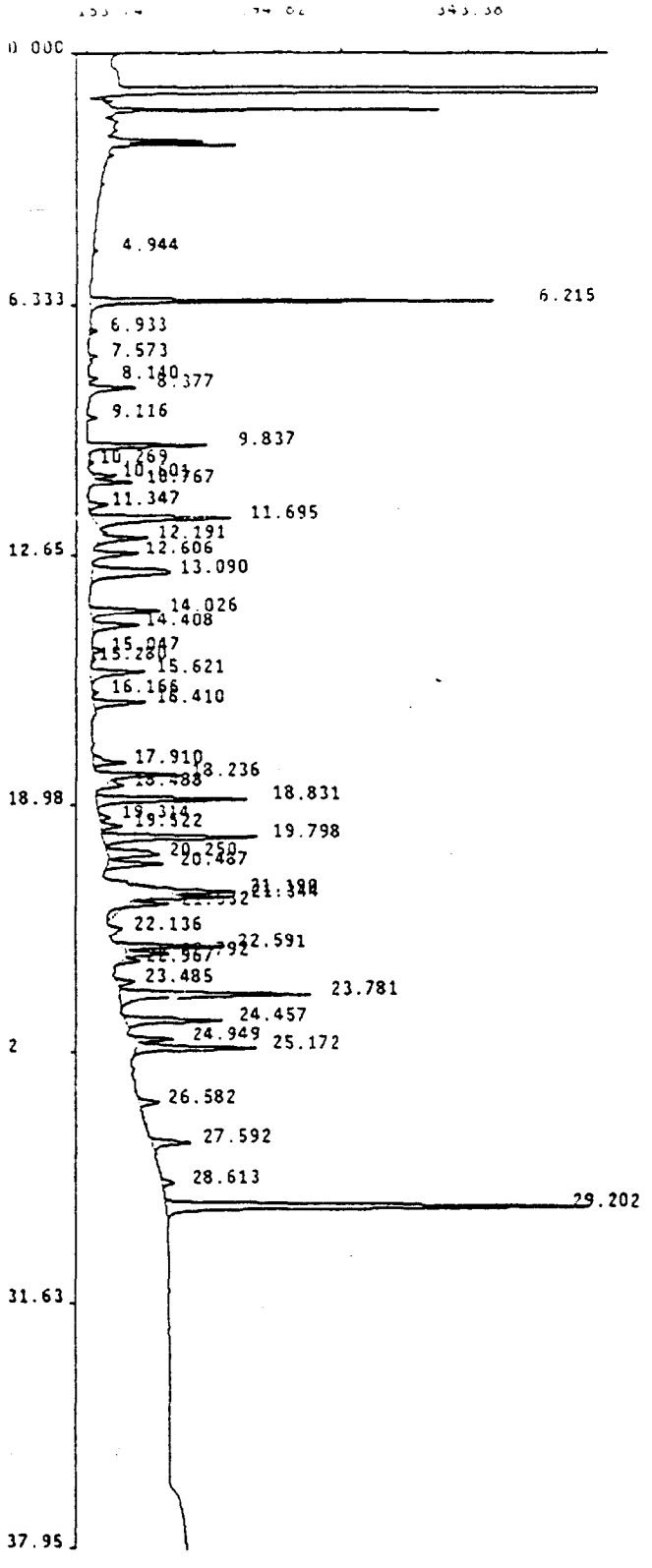
Sample Name : AR16600A
Lab Id : AR16600A ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL003.RES
Inject Time : 1334 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
42	27.44	15018	BB	.001	
43	27.64	4316	BB	.000	
44	27.80	40407	BB	.100	ARO-1260-5
45	29.88	13656	BB	.001	
46	31.76	5757	BB	.001	
47	33.71	190305	BB	.020	DC8
		1542318			

Total Area:

Method File: /DATA/METHOD/AR1660_9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1323 22Jul1994

7/25/94



Ceimic Corporation Pest/PCB Report

Sample Name : AR16601A
Lab Id : AR16601A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL003.RES
Inject Time : 1334 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.94	2450	BB	.001	
2	6.21	169594	BB	.020	TCX
3	6.93	3279	BB	.001	
4	7.57	3717	BB	.001	
5	8.14	5011	BB	.002	
6	8.38	32821	BB	.100	ARO-1016
7	9.12	4584	BB	.002	
8	9.84	67250	BB	.100	ARO-1016-2
9	10.27	2483	BB	.001	
10	10.60	10327	BB	.004	
11	10.77	16086	BB	.006	
12	11.35	13026	BB	.005	
13	11.69	101245	BB	.100	ARO-1016-3
14	12.19	30860	BB	.012	
15	12.61	29149	BB	.011	
16	13.09	89819	BB	.100	ARO-1016-4
17	14.03	51372	BB	.100	ARO-1016-5
18	14.41	37185	BB	.014	
19	15.05	6863	BB	.003	
20	15.28	2680	BB	.001	
21	15.62	41051	BB	.016	
22	16.17	3406	BB	.001	
23	16.41	33061	BB	.013	
24	17.91	22301	BB	.008	
25	18.24	41999	BB	.016	
26	18.49	11175	BB	.004	
27	18.83	96262	BB	.100	ARO-1260
28	19.31	6422	BB	.002	
29	19.52	12113	BB	.005	
30	19.80	105886	BB	.100	ARO-1260-2
31	20.25	47095	BB	.018	
32	20.49	36422	BB	.014	
33	21.19	42691	BB	.016	
34	21.34	35533	BB	.014	
35	21.53	7200	BB	.003	
36	22.14	3718	BB	.001	
37	22.59	57576	BB	.100	ARO-1260-3
38	22.79	21248	BB	.008	
39	22.97	7857	BB	.003	
40	23.48	11210	BB	.004	
41	23.78	144304	BB	.100	ARO-1260-4

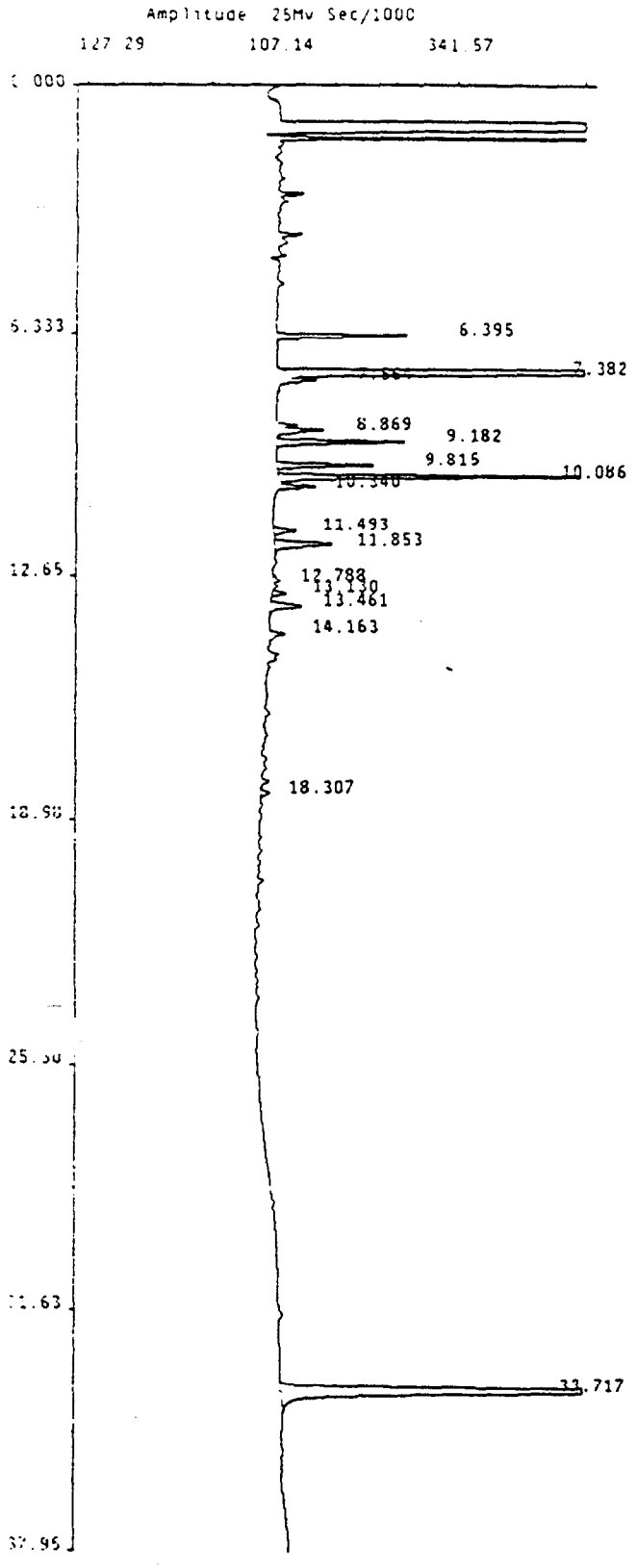
5/21

Sample Name : AR16601A
Lab Id : AR16601A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL003.RES
Inject Time : 1334 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
42	24.46	68290	BB	.026	
43	24.95	16221	BB	.006	
44	25.17	84412	BB	.100	ARO-1260-5
45	26.58	12133	BB	.005	
46	27.59	23377	BB	.009	
47	28.61	9182	BB	.003	
48	29.20	277183	BB	.020	DCB

Total Area: 1959131

Method File: /DATA/METHOD/AR1660_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1342 22Jul1994



02.08-01/17/95-01561
(CONTINUED)

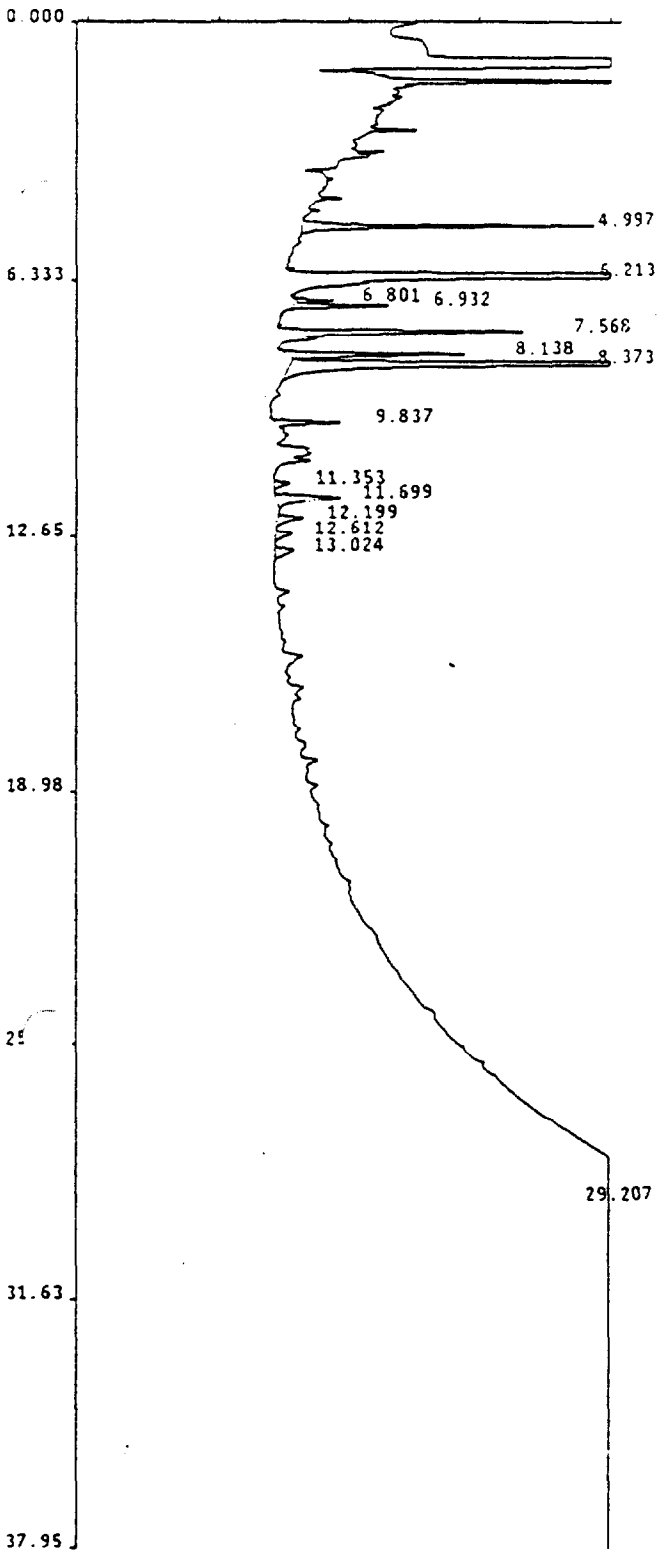
Ceimic Corporation Post/PCB Report

Sample Name : AR1221OA
Lab Id : AR1221OA .I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL004.RES
Inject Time : 1418 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	6.39	26494	BB	.002	
2	7.38	231970	BB	.020	TCX
3	7.56	2302	BB	.000	
4	8.87	9855	BB	.001	
5	9.18	30360	BB	.200	ARO-1221
6	9.81	22282	BB	.200	ARO-1221-2
7	10.09	69791	BB	.200	ARO-1221-3
8	10.34	6800	BB	.001	
9	11.49	6245	BB	.001	
10	11.85	20442	BB	.200	ARO-1221-4
11	12.79	2029	BB	.000	
12	13.13	3624	BB	.000	
13	13.46	11425	BB	.200	ARO-1221-5
14	14.16	4763	BB	.000	
15	18.31	2852	BB	.000	
16	33.72	183619	BB	.020	DCB

Total Area: 634852

Method File: /DATA/METHOD/AR1221_9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1324 22Jul1994



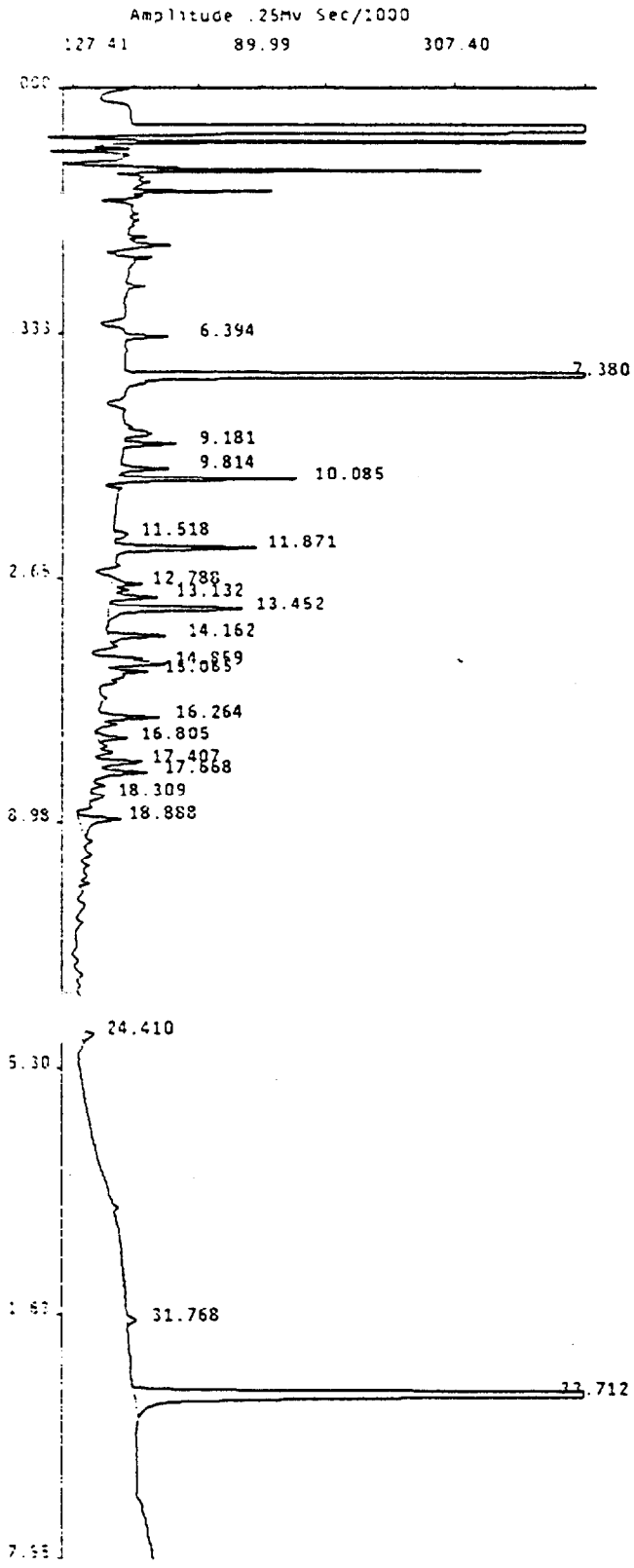
Ceimic Corporation Pest/PCB Report

Sample Name : AR12211A
Lab Id : AR12211A ,I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL004.RES
Inject Time : 1418 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.00	27126	PB	.003	
2	6.21	246699	BB	.020	TCX
3	6.80	2661	BB	.000	
4	6.93	7647	BB	.001	
5	7.57	24093	BB	.200	ARO-1221
6	8.14	18857	BB	.200	ARO-1221-2
7	8.37	80176	BB	.200	ARO-1221-3
8	9.84	6985	BB	.200	ARO-1221-4
9	11.35	2178	BB	.000	
10	11.70	10133	BB	.200	ARO-1221-5
11	12.20	4018	BB	.001	
12	12.61	2475	BB	.000	
13	13.02	3650	BB	.001	
14	29.21	265308	BB	.020	DCB

Total Area: 702006

Method File: /DATA/METHOD/AR1221_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1345 22Jul1994



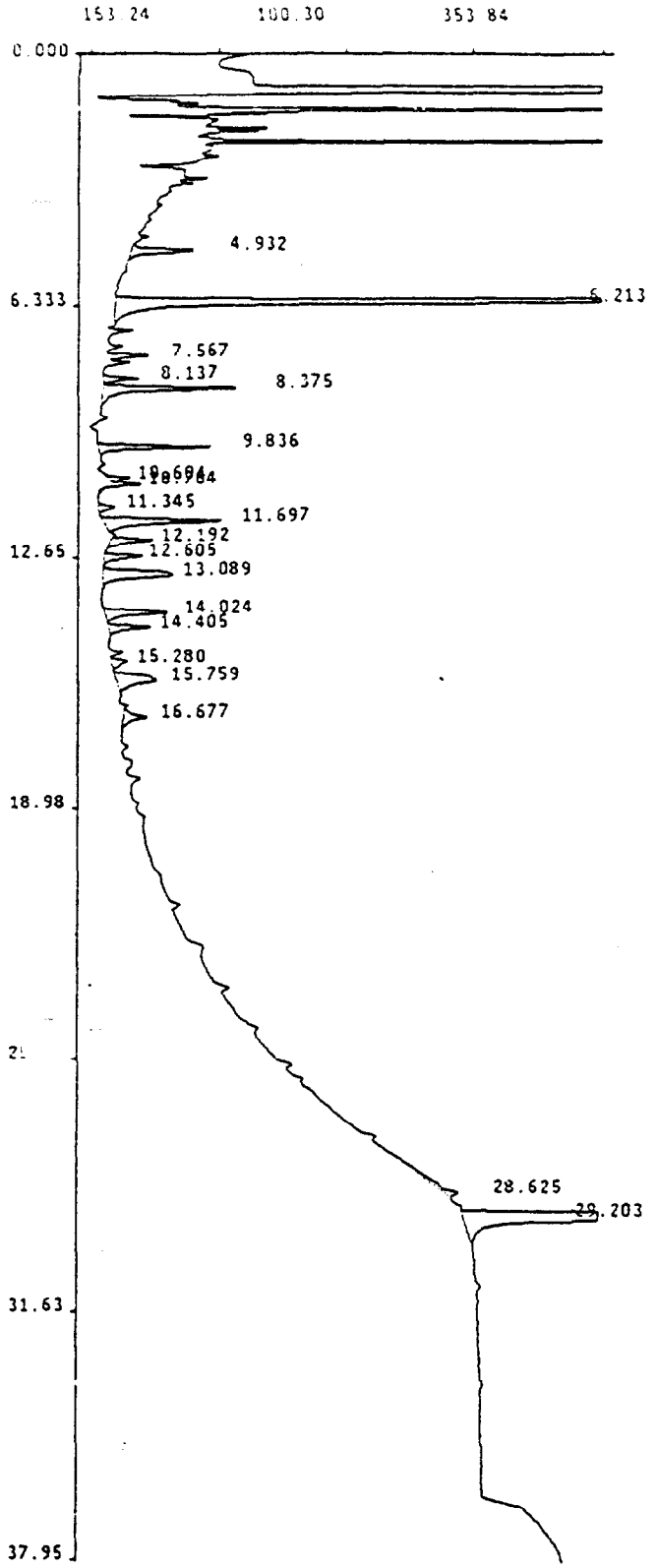
Ceimic Corporation Pest/PCB Report

Sample Name : AR1232OA
Lab Id : AR1232OA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL005.RES
Inject Time : 1502 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	6.39	7296	BB	.001	
2	7.38	197129	BB	.020	TCX
3	9.18	5057	BB	.001	
4	9.81	4953	BB	.100	ARO-1232
5	10.09	19341	BB	.100	ARO-1232-2
6	11.52	2068	BB	.000	
7	11.87	16695	BB	.100	ARO-1232-3
8	12.79	4879	BB	.001	
9	13.13	4862	BB	.001	
10	13.45	22353	BB	.100	ARO-1232-4
11	14.16	7052	BB	.001	
12	14.86	3783	BB	.000	
13	15.07	2598	BB	.000	
14	16.26	6523	BB	.100	ARO-1232-5
15	16.81	3387	BB	.000	
16	17.41	4846	BB	.001	
17	17.67	6212	BB	.001	
18	18.31	2265	BB	.000	
19	18.89	8552	BB	.001	
20	24.41	2619	BB	.000	
21	31.77	4435	BB	.001	
22	33.71	182533	BB	.020	DC8

Total Area: 519436

Method File: /DATA/METHOD/AR1232_9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1325 22Jul1994



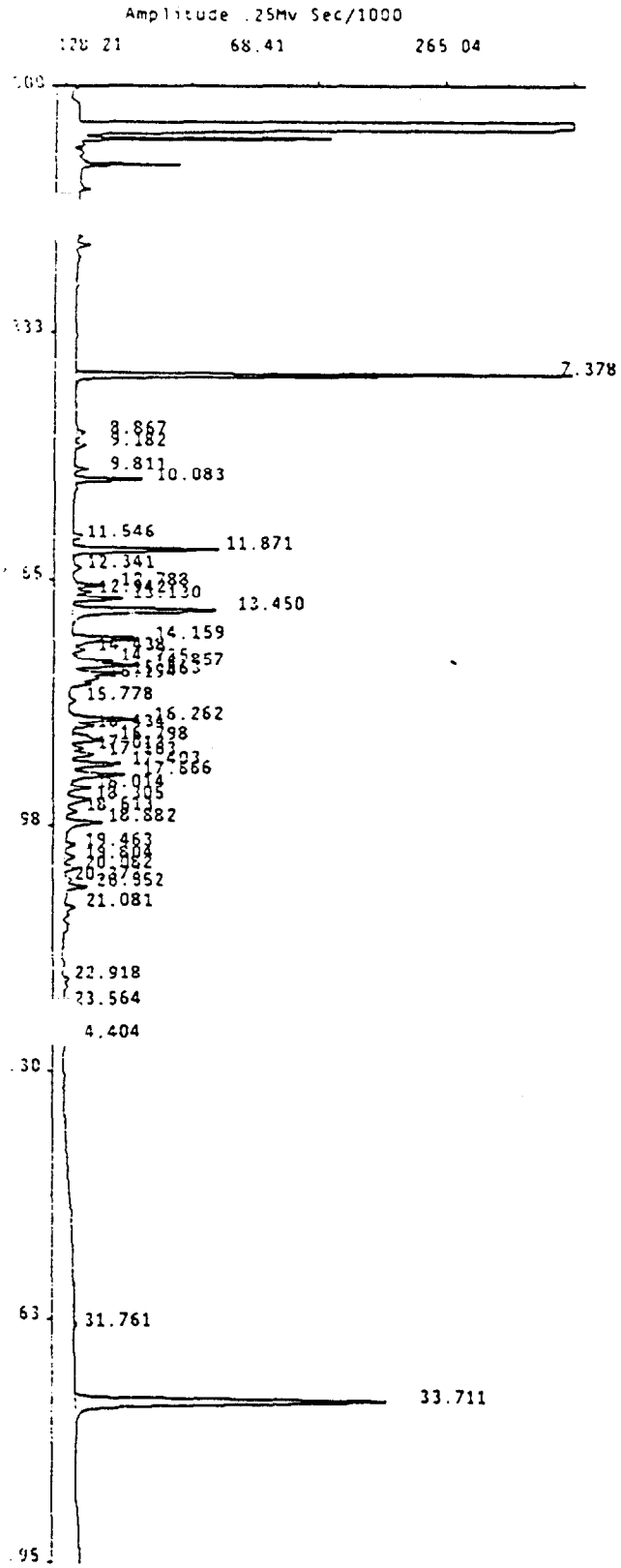
Ceimic Corporation Pest/PCB Report

Sample Name : AR12321A
Lab Id : AR12321A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL005.RES
Inject Time : 1502 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.93	9801	V8	.002	
2	6.21	225675	BB	.020	TCX
3	7.57	4310	BB	.001	
4	8.14	3947	BB	.001	
5	8.37	19636	BB	.100	ARO-1232
6	9.84	13176	BB	.100	ARO-1232-2
7	10.60	2550	BB	.000	
8	10.76	2706	BB	.000	
9	11.35	2240	BB	.000	
10	11.70	19413	BB	.100	ARO-1232-3
11	12.19	5973	BB	.001	
12	12.61	5229	BB	.001	
13	13.09	16641	BB	.100	ARO-1232-4
14	14.02	9545	BB	.100	ARO-1232-5
15	14.41	5928	BB	.001	
16	15.28	2664	BB	.000	
17	15.76	12164	BB	.002	
18	16.68	4778	BB	.001	
19	28.63	5983	BB	.001	
20	29.20	264634	BB	.020	DCB

Total Area: 636991

Method File: /DATA/METHOD/AR1232_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1347 22Jul1994

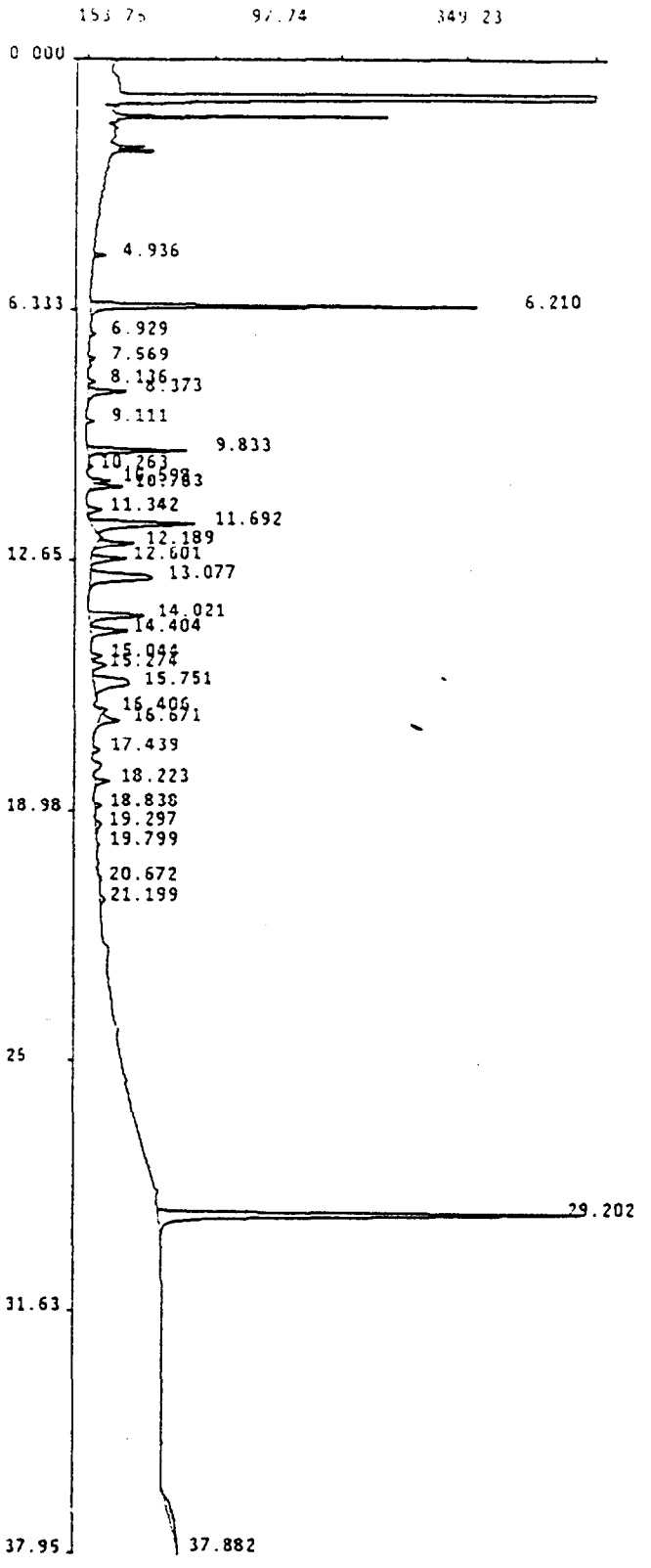


Ceimic Corporation Pest/PCB Report

Sample Name : AR12420A
Lab Id : AR12420A .I
Inst Id & Col : A09_1, 08608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL006.RES
Inject Time : 1547 21Jul1994
Run Status : EndOffBaseline
SignalOverload
Method File: /DATA/METHOD/AR1242_9.MTH
Format File: /DATA/FORMAT/DUAL_BASSFMT Name
Report Time 1327 28884899 BB .020 TCX

2	8.87	4359	BB	.000	
3	9.18	4139	BB	.000	
4	9.81	5552	BB	.000	
5	10.08	25866	BB	.100	ARO-1242
6	11.55	4036	BB	.000	
7	11.87	59423	BB	.100	ARO-1242-2
8	12.34	4077	BB	.000	
9	12.79	9830	BB	.001	
10	12.94	4240	BB	.000	
11	13.13	19713	BB	.002	
12	13.45	88376	BB	.100	ARO-1242-3
13	14.16	28868	BB	.100	ARO-1242-4
14	14.44	3448	BB	.000	
15	14.74	2789	BB	.000	
16	14.86	16179	BB	.001	
17	15.06	11575	BB	.001	
18	15.19	3312	BB	.000	
19	15.78	3406	BB	.000	
20	16.26	26906	BB	.100	ARO-1242-5
21	16.43	5902	BB	.001	
22	16.80	19863	BB	.002	
23	17.01	3625	BB	.000	
24	17.16	7751	BB	.001	
25	17.40	19621	BB	.002	
26	17.67	24049	BB	.002	
27	18.01	8881	BB	.001	
28	18.30	12109	BB	.001	
29	18.61	4509	BB	.000	
30	18.88	20819	BB	.002	
31	19.46	5014	BB	.000	
32	19.80	5063	BB	.000	
33	20.08	5132	BB	.000	
34	20.37	2032	BB	.000	
35	20.55	8797	BB	.001	
36	21.08	4592	BB	.000	
37	22.92	2226	BB	.000	
38	23.56	2902	BB	.000	
39	24.40	3608	BB	.000	
40	31.76	2115	BB	.000	
41	33.71	214115	BB	.020	DCB

Total Area: 864364



Ceimic Corporation Pest/PCB Report

Sample Name : AR12421A
Lab Id : AR12421A ,I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL006.RES
Inject Time : 1547 21Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.94	5748	VB	.001	
2	6.21	170174	BB	.020	TCX
3	6.93	2722	BB	.000	
4	7.57	3293	BB	.001	
5	8.14	4417	BB	.001	
6	8.37	27230	BB	.004	
7	9.11	3843	BB	.001	
8	9.83	55917	BB	.100	ARO-1242
9	10.26	2127	BB	.000	
10	10.60	8252	BB	.001	
11	10.76	14985	BB	.002	
12	11.34	10036	BB	.002	
13	11.69	79434	BB	.100	ARO-1242-2
14	12.19	24237	BB	.004	
15	12.60	23020	BB	.004	
16	13.08	72440	BB	.100	ARO-1242-3
17	14.02	42546	BB	.100	ARO-1242-4
18	14.40	29260	BB	.100	ARO-1242-5
19	15.04	6207	BB	.001	
20	15.27	10753	BB	.002	
21	15.75	53592	BB	.009	
22	16.41	3550	BB	.001	
23	16.67	16763	BB	.003	
24	17.44	4784	BB	.001	
25	18.22	7941	BB	.001	
26	18.84	3240	BB	.001	
27	19.30	5670	BB	.001	
28	19.80	2075	BB	.000	
29	20.67	2817	BB	.000	
30	21.20	3892	BB	.001	
31	29.20	305240	BB	.020	DC8
32	37.88	25072	BB	.004	

Total Area: 1031277

Method File: /DATA/METHOD/AR1242_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1349 22Jul1994

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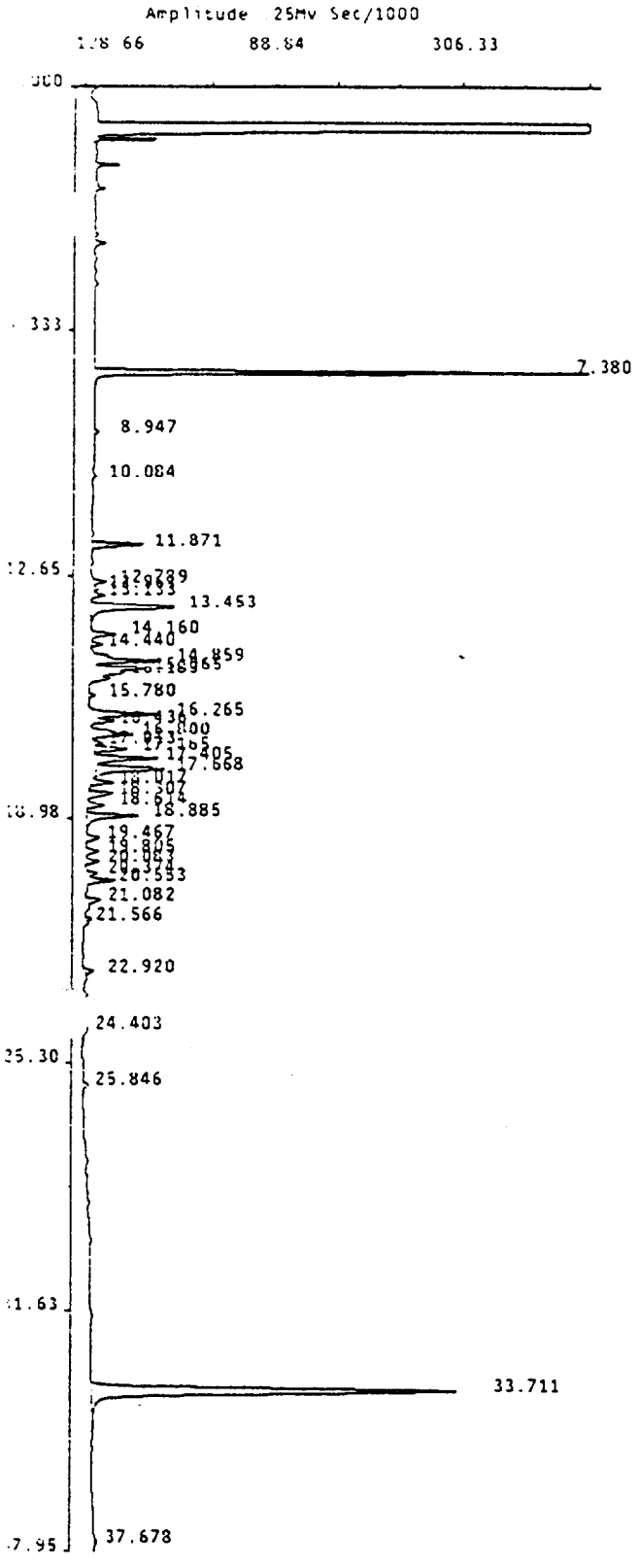

Ceimic Corporation Pest/PCB Report

Sample Name : AR1248OA
Lab Id : AR1248OA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL007.RES
Inject Time : 1631 21Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	7.38	203039	BB	.020	TCX
2	8.95	2433	BB	.000	
3	10.08	2164	BB	.000	
4	11.87	26066	BB	.100	ARO-1248
5	12.79	6029	BB	.001	
6	12.96	2172	BB	.000	
7	13.13	5281	BB	.000	
8	13.45	66905	BB	.100	ARO-1248-2
9	14.16	13256	BB	.001	
10	14.44	5191	BB	.000	
11	14.86	27847	BB	.002	
12	15.06	14648	BB	.001	
13	15.18	5029	BB	.000	
14	15.78	3523	BB	.000	
15	16.26	33112	BB	.100	ARO-1248-3
16	16.44	7921	BB	.001	
17	16.80	12055	BB	.001	
18	17.01	3479	BB	.000	
19	17.17	15840	BB	.001	
20	17.40	33004	BB	.100	ARO-1248-4
21	17.67	41080	BB	.100	ARO-1248-5
22	18.02	10936	BB	.001	
23	18.31	16223	BB	.001	
24	18.61	8602	BB	.001	
25	18.89	36219	BB	.003	
26	19.47	7607	BB	.001	
27	19.81	7806	BB	.001	
28	20.08	7530	BB	.001	
29	20.37	4355	BB	.000	
30	20.55	13115	BB	.001	
31	21.08	8534	BB	.001	
32	21.57	2440	BB	.000	
33	22.92	4716	BB	.000	
34	24.40	7833	BB	.001	
35	25.85	3402	BB	.000	
36	33.71	329737	BB	.020	DCB
37	37.68	2842	BB	.000	

Total Area: 1001967

Method File: /DATA/METHOD/AR1248_9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1329 22Jul1994

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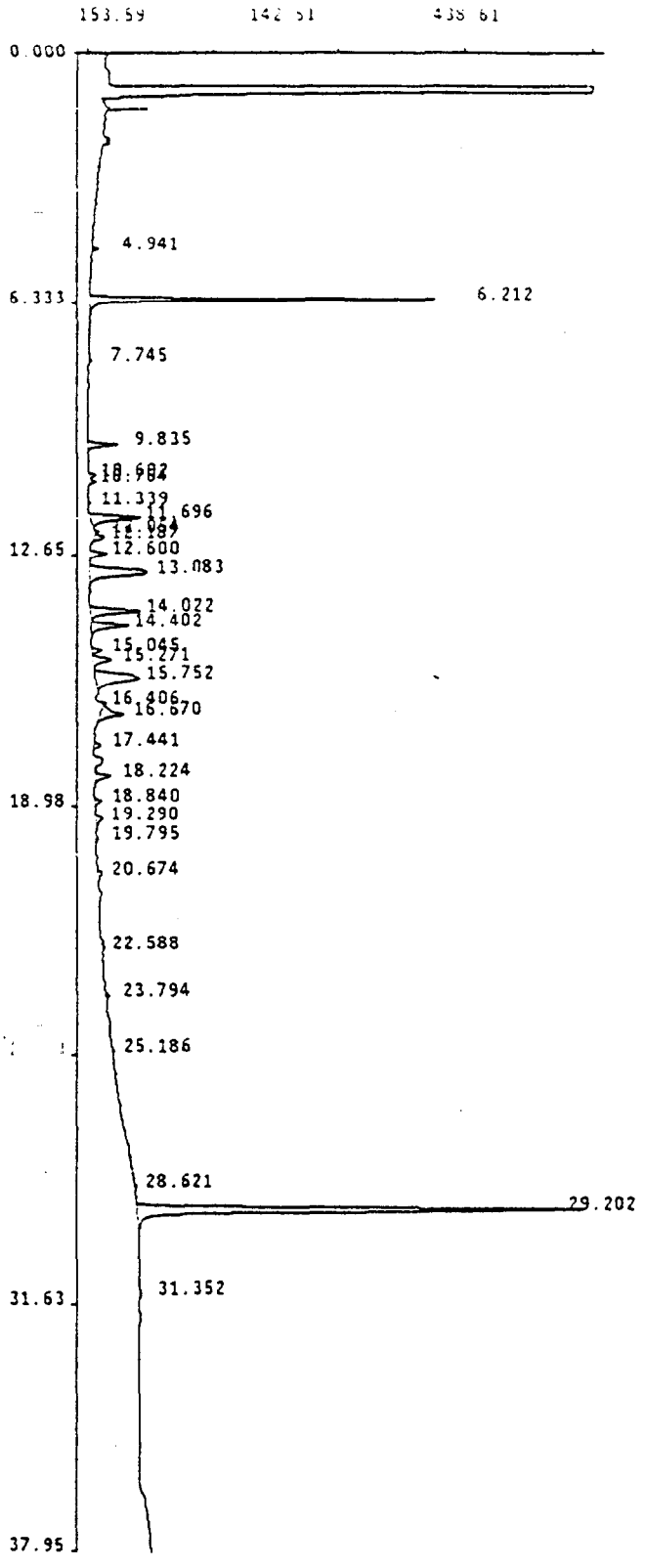
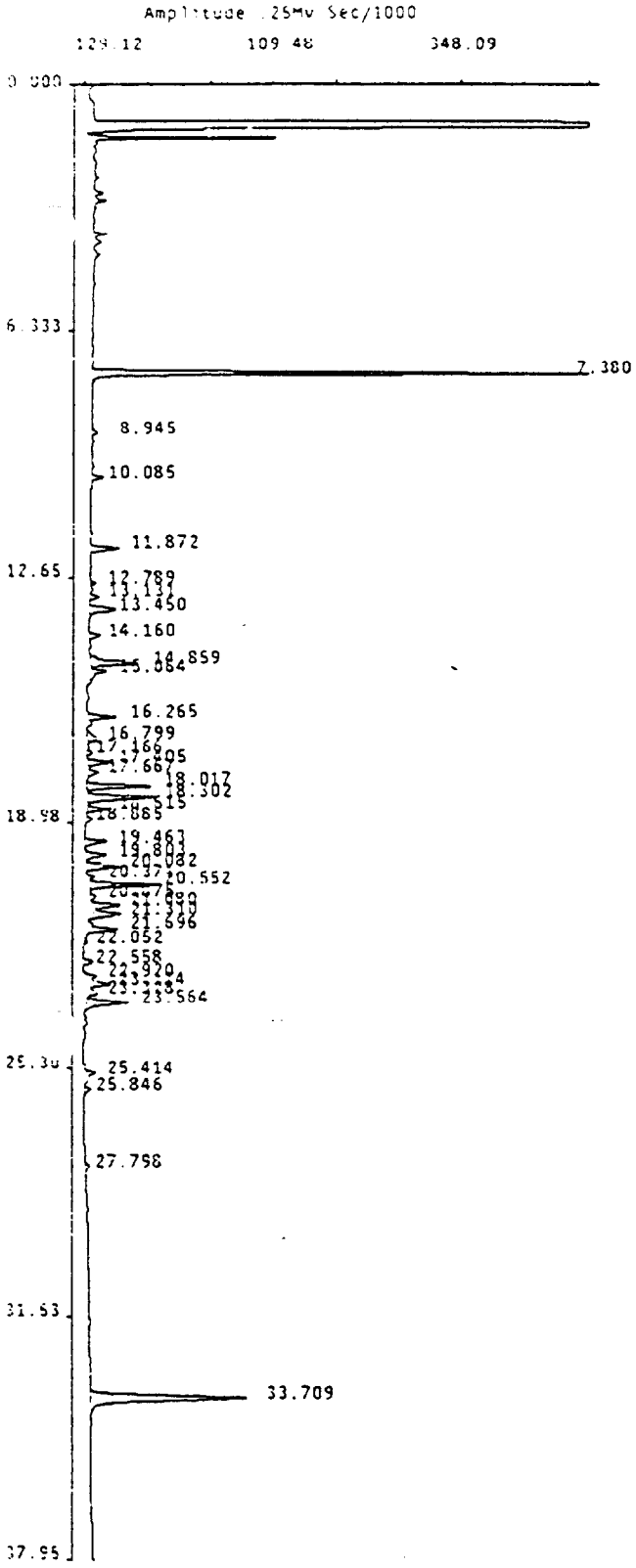


Ceimic Corporation Pest/PCB Report

Sample Name : AR12481A
Lab Id : AR12481A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL007.RES
Inject Time : 1631 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4320	VB	.001	
2	6.21	223142	BB	.020	TCX
3	7.74	2056	BB	.000	
4	9.83	26053	BB	.005	
5	10.60	5165	BB	.001	
6	10.76	4063	BB	.001	
7	11.34	2241	BB	.000	
8	11.70	57843	BB	.100	ARO-1248
9	12.05	2410	BB	.000	
10	12.19	8463	BB	.002	
11	12.60	15598	BB	.003	
12	13.08	104448	BB	.100	ARO-1248-2
13	14.02	57428	BB	.100	ARO-1248-3
14	14.40	42919	BB	.008	
15	15.05	8299	BB	.002	
16	15.27	21100	BB	.004	
17	15.75	91594	BB	.100	ARO-1248-4
18	16.41	3774	BB	.001	
19	16.67	30701	BB	.100	ARO-1248-5
20	17.44	7711	BB	.002	
21	18.22	13847	BB	.003	
22	18.84	6179	BB	.001	
23	19.29	11408	BB	.002	
24	19.80	2539	BB	.000	
25	20.67	5746	BB	.001	
26	22.59	5695	BB	.001	
27	23.79	2949	BB	.001	
28	25.19	2178	BB	.000	
29	28.62	3570	BB	.001	
30	29.20	471855	BB	.020	DCB
31	31.35	3154	BB	.001	
Total Area:		1248451			

Method File: /DATA/METHOD/AR1248_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1350 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR12540A
Lab Id : AR12540A ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL008.RES
Inject Time : 1715 21Jul1994
Run Status : EndOffBaseline
SignalOverload

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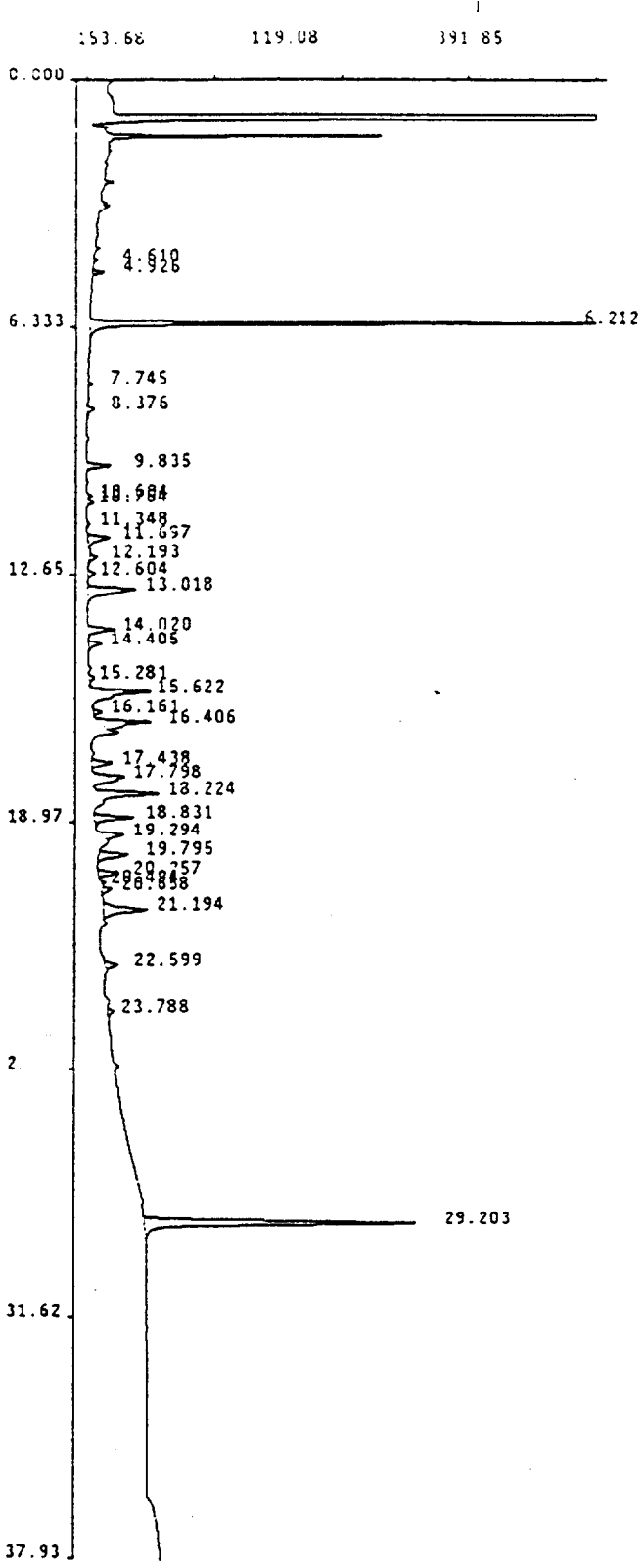
Pk #	RT	Area	Code	MASSng	Name
1	7.38	248363	BB	.020	TCX
2	8.95	3396	BB	.000	
3	10.08	6740	BB	.001	
4	11.87	18191	BB	.002	
5	12.79	3267	BB	.000	
6	13.13	5951	BB	.001	
7	13.45	26919	BB	.002	
8	14.16	8448	BB	.001	
9	14.86	32656	BB	.100	ARO-1254
10	15.06	7324	BB	.001	
11	16.26	16997	BB	.001	
12	16.80	9217	BB	.001	
13	17.17	3174	BB	.000	
14	17.41	15174	BB	.001	
15	17.67	7515	BB	.001	
16	18.02	42660	BB	.100	ARO-1254-2
17	18.30	50236	BB	.100	ARO-1254-3
18	18.61	15872	BB	.001	
19	18.89	4129	BB	.000	
20	19.46	15964	BB	.001	
21	19.80	15534	BB	.001	
22	20.08	22319	BB	.002	
23	20.37	3777	BB	.000	
24	20.55	46244	BB	.100	ARO-1254-4
25	20.87	4773	BB	.000	
26	21.08	18735	BB	.002	
27	21.31	19383	BB	.002	
28	21.70	16268	BB	.001	
29	22.05	2076	BB	.000	
30	22.56	7185	BB	.001	
31	22.92	3860	BB	.000	
32	23.11	12156	BB	.001	
33	23.33	5518	BB	.000	
34	23.56	34507	BB	.100	ARO-1254-5
35	25.41	4937	BB	.000	
36	25.85	5637	BB	.000	
37	27.80	3451	BB	.000	
38	33.71	174492	BB	.020	DCB

Total Area:		943048			

Method File: /DATA/METHOD/AR1254_9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1330 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR12541A
Lab Id : AR12541A ,I
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL008.RES
Inject Time : 1715 21Jul1994
Run Status : EndOffBaseline
SignalOverload

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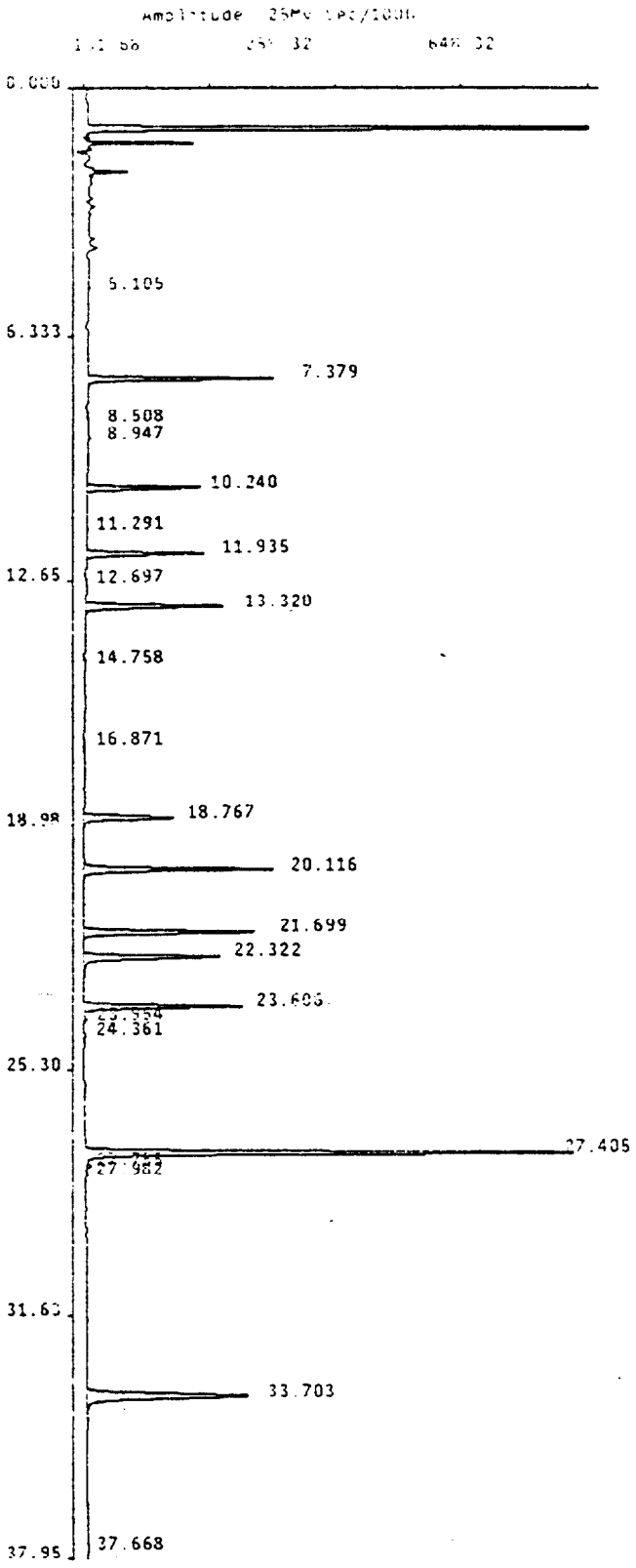
Pk #	RT	Area	Code	MASSng	Name
1	4.61	2047	BV	.000	
2	4.93	6592	PB	.001	
3	6.21	270720	BB	.020	TCX
4	7.74	2443	BB	.000	
5	8.38	6251	BB	.001	
6	9.83	17159	BB	.003	
7	10.60	2302	BB	.000	
8	10.76	3428	BB	.001	
9	11.35	2649	BB	.000	
10	11.70	21953	BB	.003	
11	12.19	5436	BB	.001	
12	12.60	6541	BB	.001	
13	13.02	55431	BB	.100	ARO-1254
14	14.02	24408	BB	.004	
15	14.41	12170	BB	.002	
16	15.28	5041	BB	.001	
17	15.62	33149	BB	.100	ARO-1254-2
18	16.16	4533	BB	.001	
19	16.41	48505	BB	.100	ARO-1254-3
20	17.44	17703	BB	.003	
21	17.80	7281	BB	.001	
22	18.22	49775	BB	.100	ARO-1254-4
23	18.83	32643	BB	.005	
24	19.29	19118	BB	.003	
25	19.80	25780	BB	.004	
26	20.26	14908	BB	.002	
27	20.49	3118	BB	.000	
28	20.66	7881	BB	.001	
29	21.19	46769	BB	.100	ARO-1254-5
30	22.60	11310	BB	.002	
31	23.79	5381	BB	.001	
32	29.20	244328	BB	.020	DCB

Total Area: 1017753

Method File: /DATA/METHOD/AR1254_8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1351 22Jul1994



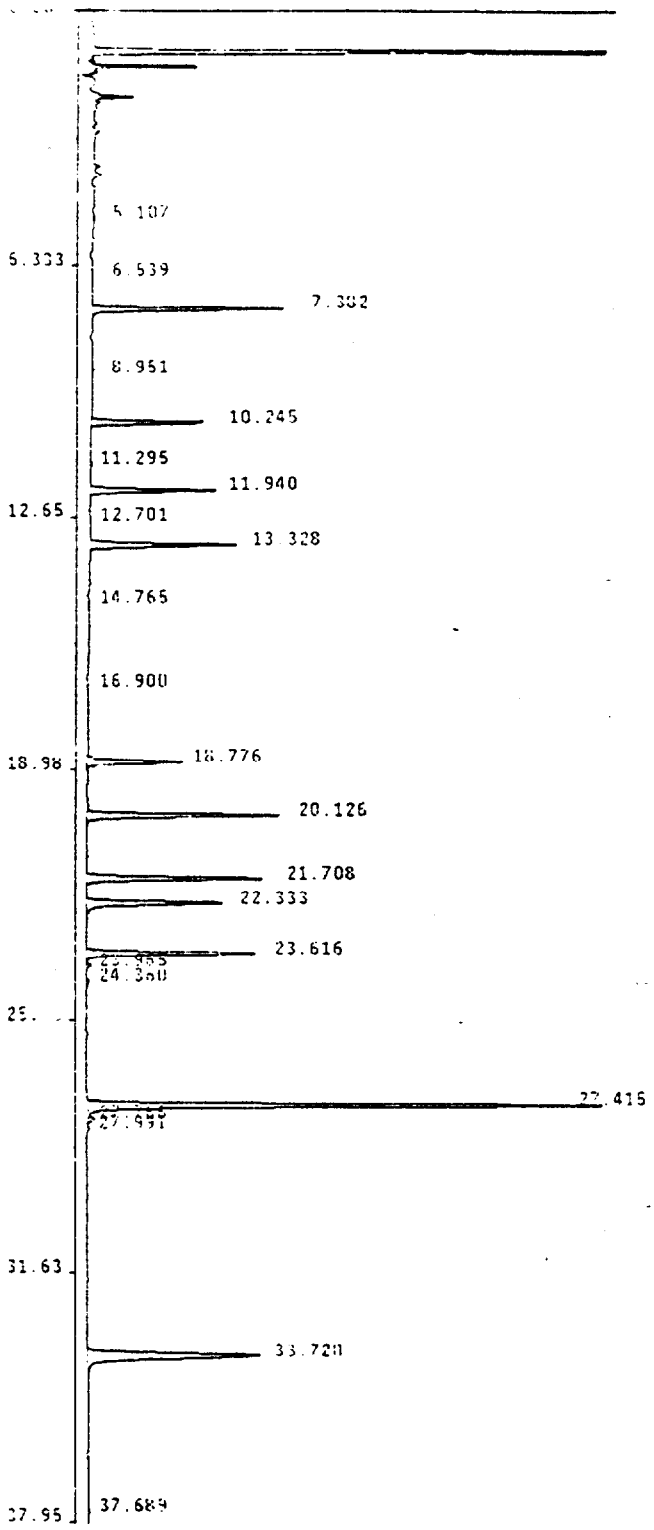
Cermic Corporation Pest/PCB Report

Sample Name : INDAMOC
Lab Id : INDAMOC
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL040.RES
Inject Time : 1839 25Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2407	BB	.001	
2	7.38	217536	BB	.021	TCX
3	8.51	3579	BB	.001	
4	8.95	3005	BB	.001	
5	10.24	142717	BB	.022	ALPHA-BHC
6	11.29	2533	BB	.001	
7	11.93	161700	BB	.021	GAMMA-BHC
8	12.70	2003	BB	.000	
9	13.32	221993	BB	.021	HEPTACHLOR
10	14.76	6268	BB	.001	ALDRIN
11	16.87	5098	BB	.001	
12	18.77	146417	BB	.021	ENDOSULF. I
13	20.12	291995	BB	.042	DIELDRIN
14	21.70	269045	BB	.045	ENDRIN
15	22.32	220716	BB	.043	4,4'-DDD
16	23.61	242773	BB	.039	4,4'-DDT
17	23.95	3676	BB	.001	ENDRIN ALDEH
18	24.36	4621	BB	.001	
19	27.41	787402	BB	.212	METHOXYCHLOR
20	27.76	6011	BB	.001	ENDRIN KETON
21	27.98	3243	BB	.001	
22	33.70	420776	BB	.043	DCB
23	37.67	6782	BB	.001	

Total Area: 3172294

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2139 25Jul1994



Ceimic Corporation Pest/PCB Report

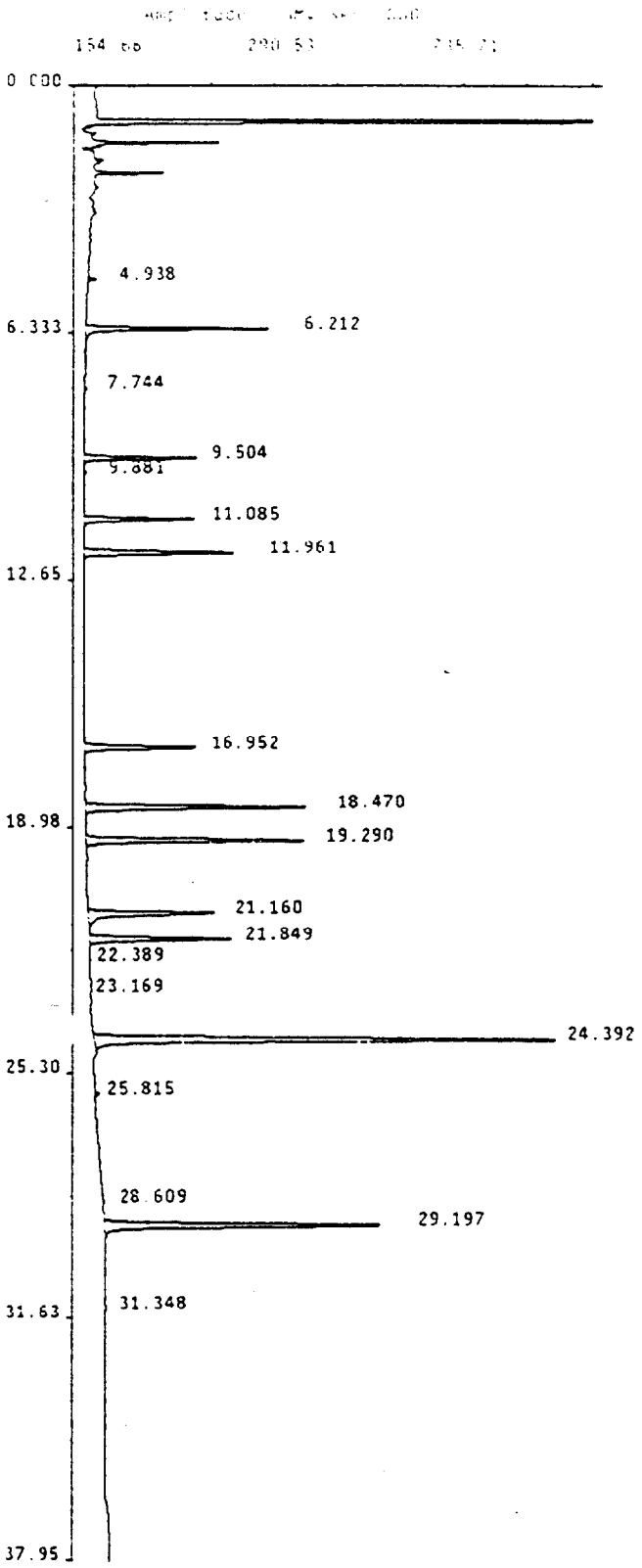
Sample Name : INDAMOD
Lab Id : INDAMOD
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL061.RES
Inject Time : 1011 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.11	2253	BB	.000	
2	6.54	7617	BB	.002	
3	7.38	219199	BB	.021	TCX
4	8.95	2875	BB	.001	
5	10.24	146376	BB	.022	ALPHA-BHC
6	11.30	2271	BB	.000	
7	11.94	174710	BB	.022	GAMMA-BHC
8	12.70	3900	BB	.001	
9	13.33	226355	BB	.022	HEPTACHLOR
10	14.76	5434	BB	.001	ALDRIN
11	16.90	5018	BB	.001	
12	18.78	152850	BB	.022	ENDOSULF. I
13	20.13	303620	BB	.043	DIELDRIN
14	21.71	273126	BB	.046	ENDRIN
15	22.33	230590	BB	.045	4,4'-DDD
16	23.62	245401	BB	.040	4,4'-DDT
17	23.96	6699	BB	.002	ENDRIN ALDEH
18	24.36	5427	BB	.001	
19	27.42	797664	BB	.215	METHOXYCHLOR
20	27.77	8907	BB	.002	ENDRIN KETON
21	27.99	2951	BB	.001	
22	33.72	446134	BB	.045	DC8
23	37.69	2434	BB	.001	

Total Area: 3271811

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1205 26Jul1994

SM 7/26/c



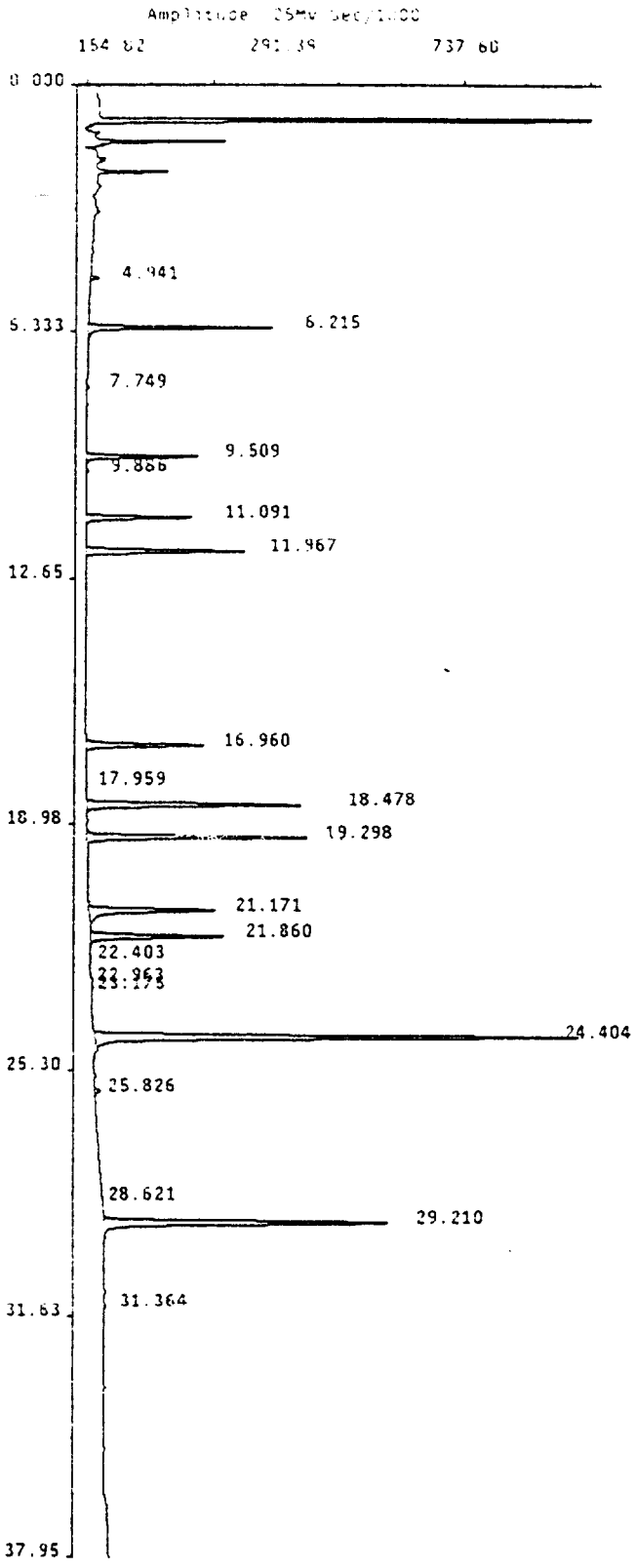
Ceimic Corporation Pest/PCB Report

Sample Name : INDAM1C
Lab Id : INDAM1C
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL040.RES
Inject Time : 1839 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	10778	VB	.002	
2	6.21	241170	BB	.021	TCX
3	7.74	2409	BB	.001	
4	9.50	151190	BB	.021	ALPHA-BHC
5	9.88	2846	BB	.001	
6	11.09	168259	BB	.021	GAMMA-BHC
7	11.96	254115	BB	.020	HEPTACHLOR
8	16.95	194044	BB	.021	ENDOSULF. I
9	18.47	373206	BB	.042	DIELDRIN
10	19.29	358802	BB	.044	ENDRIN
11	21.16	252702	BB	.045	4,4'-DDD
12	21.85	239362	BB	.040	4,4'-DDT
13	22.39	2891	BB	.001	
14	23.17	2118	BB	.000	
15	24.39	920989	BB	.217	METHOXYCHLOR
16	25.82	7015	BB	.001	ENDRIN KETON
17	28.61	5584	BB	.001	
18	29.20	565823	BB	.042	DCB
19	31.35	3265	BB	.001	

Total Area: 3756567

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2143 25Jul1994



Ceimic Corporation Pest/PCB Report

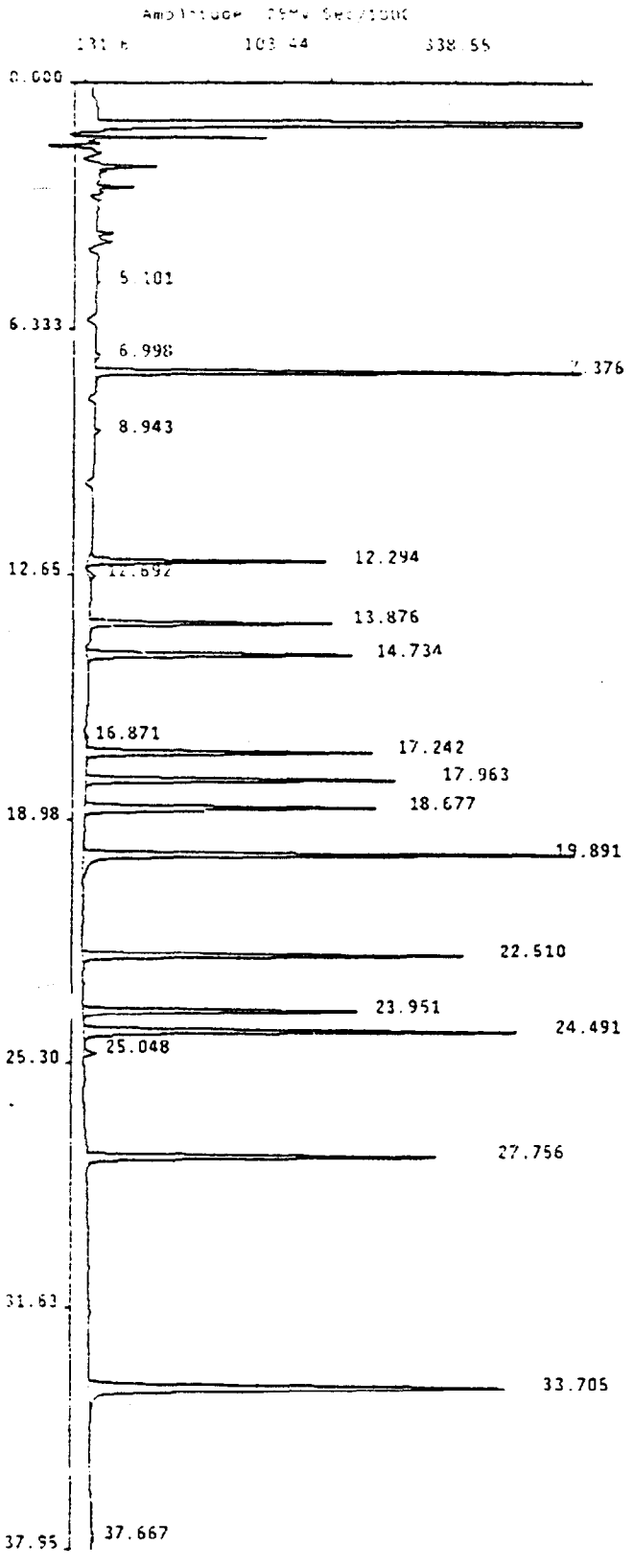
Sample Name : INDAM1D
Lab Id : INDAM1D
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL061.RES
Inject Time : 1011 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	11737	VB	.003	
2	6.22	241369	BB	.021	TCX
3	7.75	2580	BB	.001	
4	9.51	154028	BB	.022	ALPHA-BHC
5	9.89	2373	BB	.001	
6	11.09	171972	BB	.022	GAMMA-BHC
7	11.97	255761	BB	.021	HEPTACHLOR
8	16.96	194371	BB	.021	ENDOSULF. I
9	17.96	2193	BB	.000	4,4'-DDE
10	18.48	376318	BB	.042	DIELDRIN
11	19.30	352719	BB	.044	ENDRIN
12	21.17	256773	BB	.046	4,4'-DDD
13	21.86	235357	BB	.040	4,4'-DDT
14	22.40	2514	BB	.001	
15	22.96	2402	BB	.001	ENDRIN ALDEH
16	23.18	2696	BB	.001	
17	24.40	915467	BB	.215	METHOXYCHLOR
18	25.83	9617	BB	.002	ENDRIN KETON
19	28.62	4365	BB	.001	
20	29.21	583726	BB	.044	DCB
21	31.36	3429	BB	.001	

Total Area: 3781767

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1204 26Jul1994

SM 7/26/



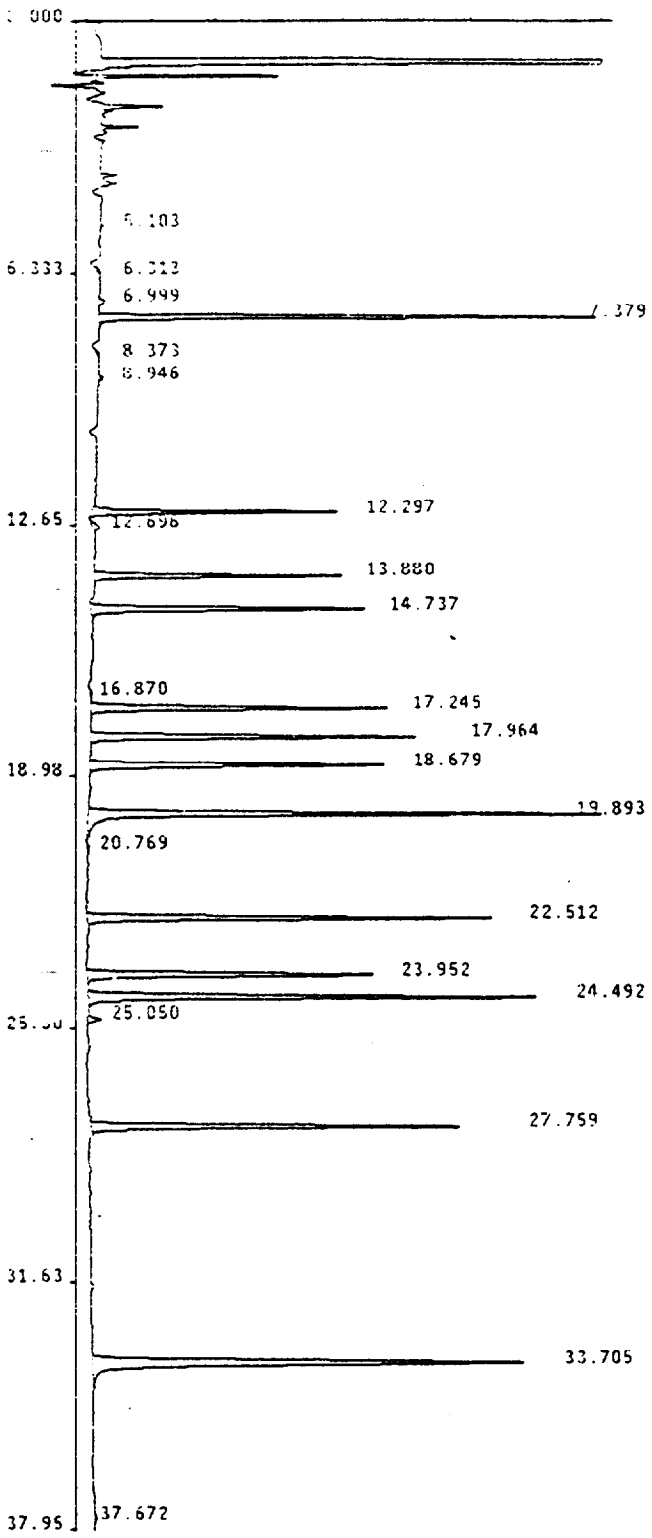
Ceimic Corporation Pest/PCB Report

Sample Name : IND8MOC
Lab Id : IND8MOC
Inst Id & Col : AD9_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL041.RES
Inject Time : 1923 25Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2128	BB	.000	
2	7.00	2680	BB	.001	
3	7.38	235622	BB	.023	TCX
4	8.94	2778	BB	.001	
5	12.29	134071	BB	.022	BETA-BHC
6	12.69	7562	BB	.002	
7	13.88	135538	BB	.021	DELTA-BHC
8	14.73	176406	BB	.020	ALDRIN
9	16.87	3566	BB	.001	
10	17.24	186253	BB	.021	H. EPOXIDE
11	17.96	212630	BB	.020	G. CHLORDANE
12	18.68	193442	BB	.020	A. CHLORDANE
13	19.89	322985	BB	.040	4,4'-DDE
14	22.51	246000	BB	.043	ENDOSULF.II
15	23.95	184837	BB	.042	ENDRIN ALDEH
16	24.49	279238	BB	.041	ENDO. SULFAT
17	25.05	8191	BB	.002	
18	27.76	236249	BB	.041	ENDRIN KETON
19	33.71	443327	BB	.045	DCB
20	37.67	6859	BB	.002	

Total Area: 3020363

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2142 25Jul1994



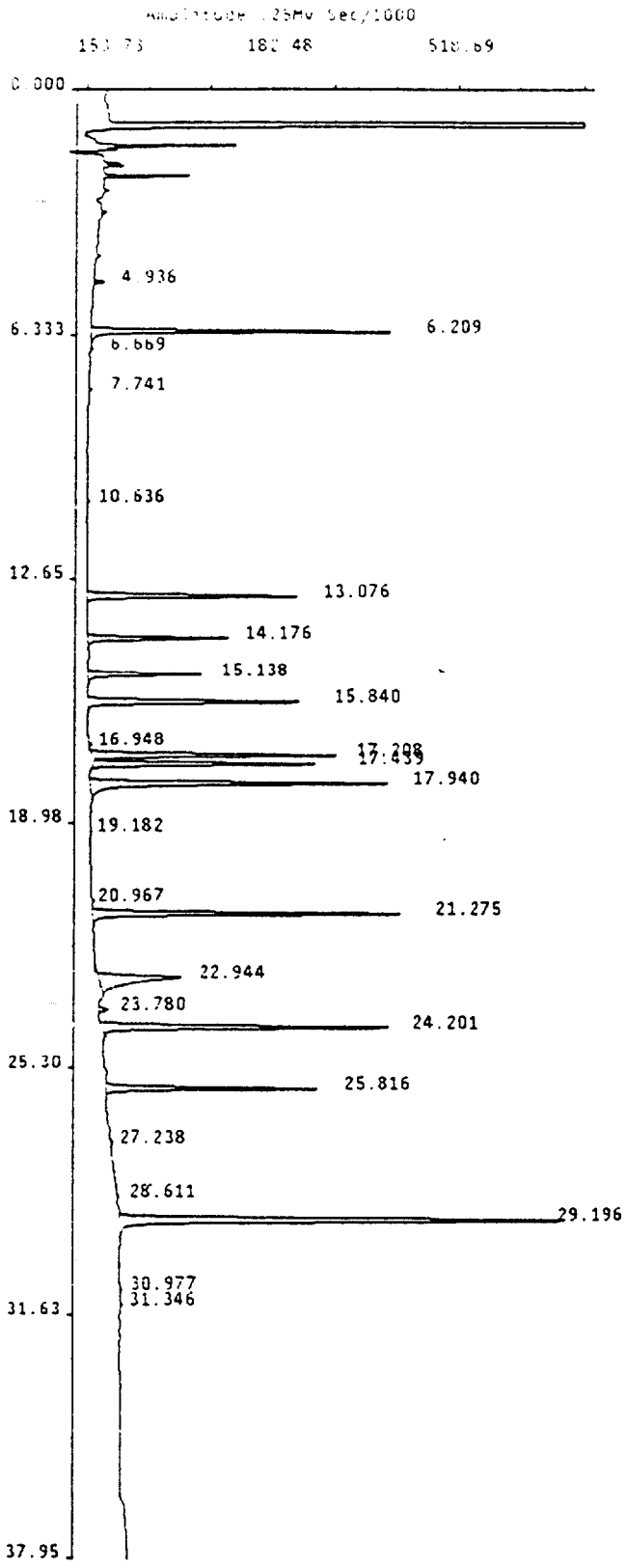
Cermic Corporation Pest/PCB Report

Sample Name : INDBMOD
Lab Id : INDBMOD
Inst Id & Col : AD9_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL062.RES
Inject Time : 1055 26Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2243	BB	.000	
2	6.31	4142	BB	.001	
3	7.00	3096	BB	.001	
4	7.38	241108	BB	.023	TCX
5	8.37	3247	BB	.001	
6	8.95	2995	BB	.001	
7	12.30	138318	BB	.023	BETA-BHC
8	12.70	7276	BB	.002	
9	13.88	142598	BB	.022	DELTA-BHC
10	14.74	184940	BB	.021	ALDRIN
11	16.87	3942	BB	.001	
12	17.25	197075	BB	.022	H. EPOXIDE
13	17.96	225044	BB	.021	G. CHLORDANE
14	18.68	202098	BB	.021	A. CHLORDANE
15	19.89	343680	BB	.043	4,4'-DDE
16	20.77	2670	BB	.001	
17	22.51	267134	BB	.047	ENDOSULF.II
18	23.95	197047	BB	.045	ENDRIN ALDEH
19	24.49	298460	BB	.044	ENDO. SULFAT
20	25.05	9394	BB	.002	
21	27.76	257228	BB	.045	ENDRIN KETON
22	33.70	475834	BB	.048	DCB
23	37.67	2503	BB	.001	

Total Area: 3212075

Method File: /DATA/METHOD/INDA8Q9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1207 26Jul1994



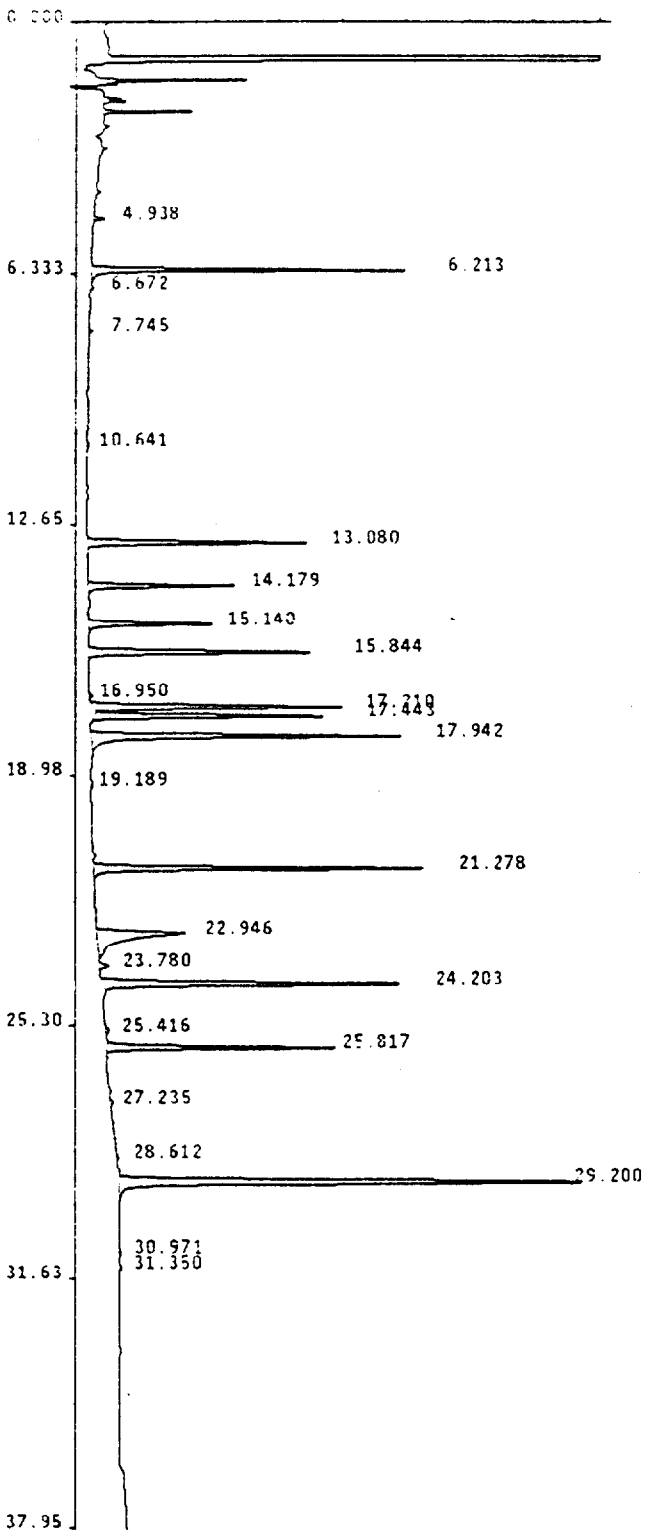
Cetmic Corporation Pest/PCB Report

Sample Name : INDBM1C
Lab Id : INDBM1C
Inst Id & Col : AD8_1, 081701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL041.RES
Inject Time : 1923 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	9310	VB	.002	
2	6.21	252958	BB	.022	TCX
3	6.67	2257	BB	.000	
4	7.74	2876	BB	.001	
5	10.64	2137	BB	.000	
6	13.08	206702	BB	.020	ALDRIN
7	14.18	137578	BB	.021	BETA-BHC
8	15.14	120479	BB	.021	DELTA-BHC
9	15.84	239941	BB	.020	H. EPOXIDE
10	16.95	3670	BB	.000	ENDOSULF. I
11	17.21	248922	BB	.020	G. CHLORDANE
12	17.44	241846	BB	.020	A. CHLORDANE
13	17.94	367739	BB	.042	4,4'-DDE
14	19.18	2221	BB	.001	
15	20.97	2798	BB	.001	
16	21.28	331243	BB	.042	ENDOSULF. II
17	22.94	172449	BB	.040	ENDRIN ALDEH
18	23.78	9054	BB	.002	
19	24.20	323210	BB	.039	ENDO. SULFAT
20	25.82	223549	BB	.042	ENDRIN KETON
21	27.24	3915	BB	.001	
22	28.61	5493	BB	.001	
23	29.20	588000	BB	.044	DCB
24	30.98	2539	BB	.001	
25	31.35	3224	BB	.001	

Total Area:		3504208			

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2143 25Jul1994



Ceimic Corporation Best/PCB Report

Sample Name : IND8M1D
Lab Id : IND8M1D
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL062.RES
Inject Time : 1055 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	9814	VB	.002	
2	6.21	258955	BB	.022	TCX
3	6.67	2832	BB	.001	
4	7.75	2665	BB	.001	
5	10.64	2189	BB	.000	
6	13.08	214861	BB	.021	ALDRIN
7	14.18	143467	BB	.022	BETA-BHC
8	15.14	126841	BB	.022	DELTA-BHC
9	15.84	249711	BB	.021	H. EPOXIDE
10	16.95	4154	BB	.000	ENDOSULF. I
11	17.21	258034	BB	.021	G. CHLORDANE
12	17.44	251950	BB	.021	A. CHLORDANE
13	17.94	381607	BB	.043	4,4'-DDE
14	19.19	2786	BB	.001	
15	21.28	350202	BB	.044	ENDOSULF. II
16	22.95	214774	BB	.049	ENDRIN ALDEH
17	23.78	10115	BB	.002	
18	24.20	337426	BB	.041	ENDO. SULFAT
19	25.42	4267	BB	.001	
20	25.82	242411	BB	.045	ENDRIN KETON
21	27.23	4195	BB	.001	
22	28.61	6611	BB	.001	
23	29.20	624903	BB	.047	DCB
24	30.97	3548	BB	.001	
25	31.35	3646	BB	.001	
Total Area:		3711964			

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1207 26Jul1994

SM 7/26/94

PESTICIDES/PCBS

d. Raw QC Data

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK04

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: P0721-B4

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

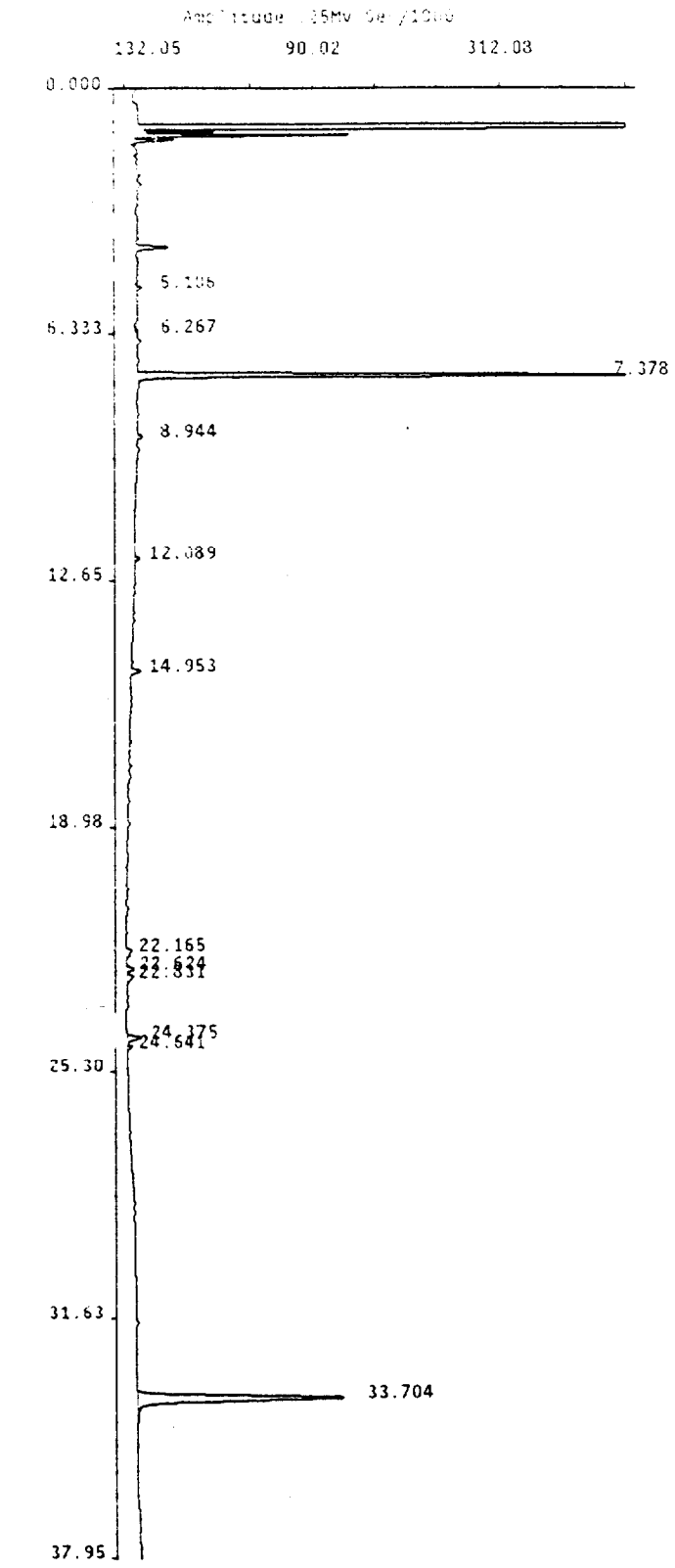
Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



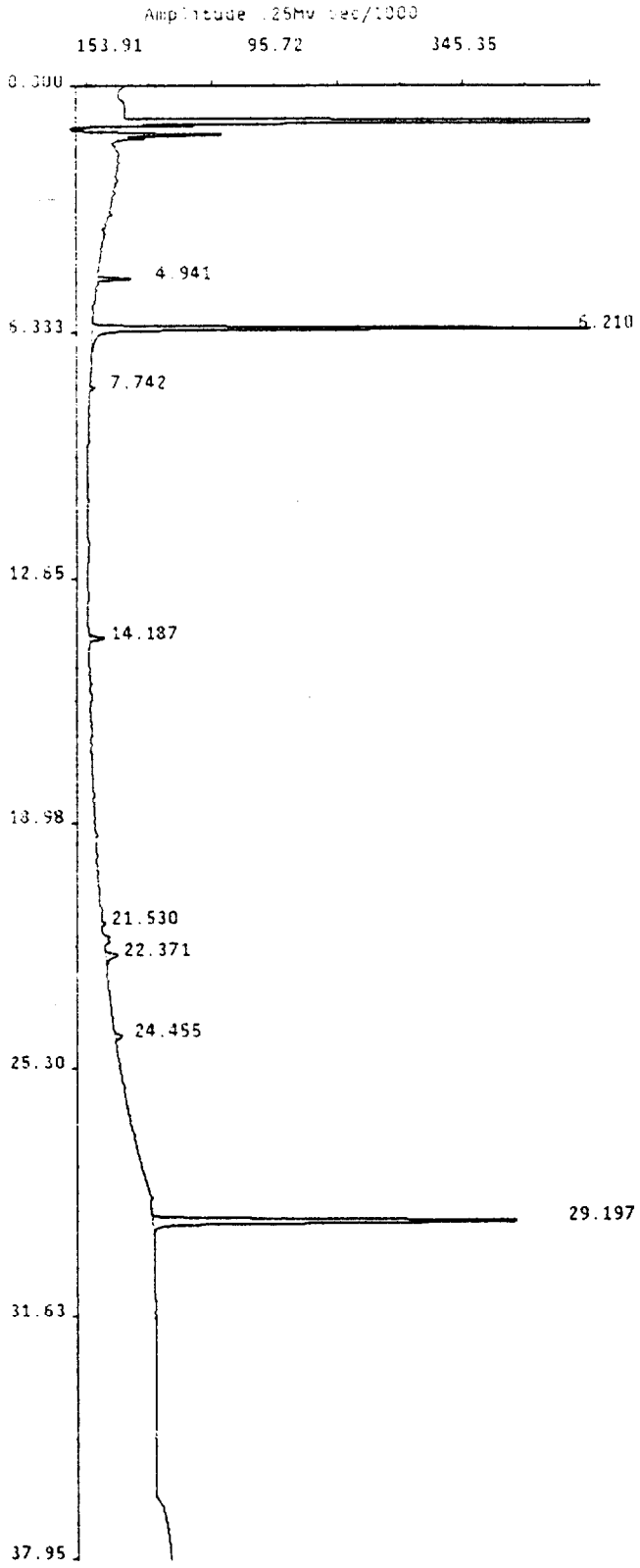
Ceimic Corporation Pest/PCB Report

Sample Name : P8LK04
Lab Id : P0721-B4
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL046.RES
Inject Time : 2305 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.11	2427	BB	.001	
2	6.27	2141	BB	.000	
3	7.38	201695	BB	.019	TCX
4	8.94	2618	BB	.001	
5	12.09	3224	BB	.001	
6	14.95	4840	BB	.001	
7	22.16	5598	BB	.001	
8	22.62	3792	BB	.001	
9	22.83	4266	BB	.001	
10	24.38	8007	BB	.002	
11	24.64	2098	BB	.000	
12	33.70	185830	BB	.019	DCB

Total Area: 426535

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1744 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PBLK04
Lab Id : P0721-B4
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL046.RES
Inject Time : 2305 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	12474	BB	.003	
2	6.21	221754	BB	.019	TCX
3	7.74	2540	BB	.001	
4	14.19	8545	BB	.001	BETA-BHC
5	21.53	2296	BB	.001	
6	22.37	10701	BB	.002	
7	24.45	4872	BB	.001	METHOXYCHLOR
8	29.20	244203	BB	.018	DCB

Total Area: 507384

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1752 26Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0A

b Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0A

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

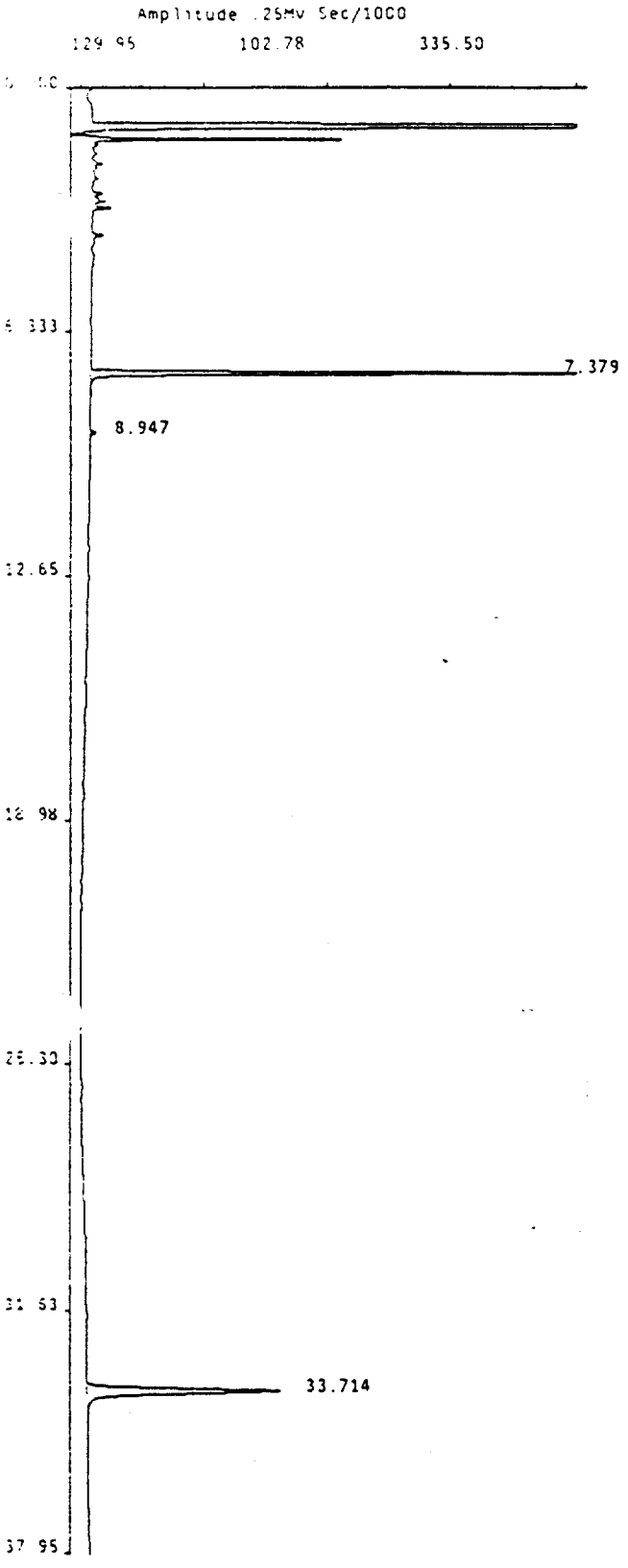
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLKOA
Lab Id : PIBLKOA ,I
Inst Id & Col : AD9_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL020.RES
Inject Time : 0207 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	233441	BB	.022	TCX
2	8.95	2759	BB	.001	
3	33.71	209347	BB	.021	DCB
Total Area:		445547			

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1344 22Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0D

ɔ Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0D

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

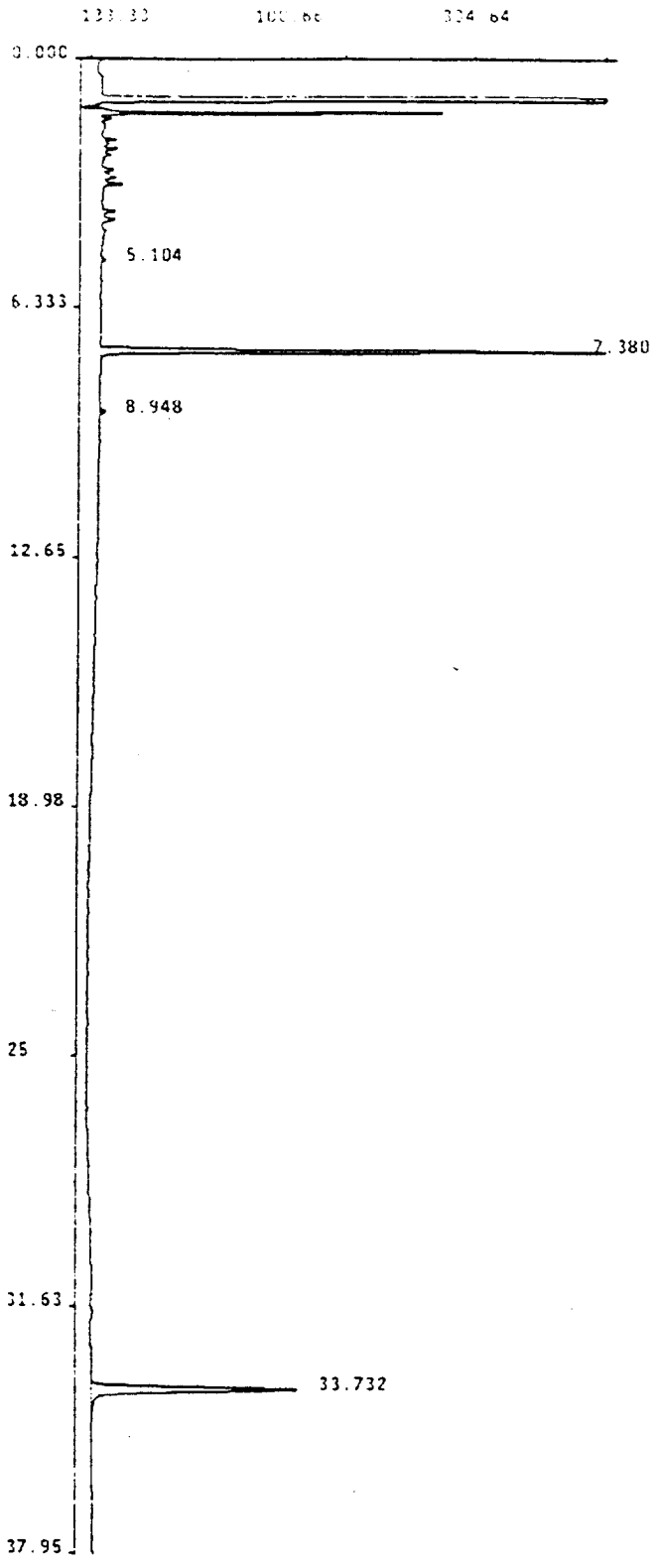
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK0D
Lab Id : PIBLK0D
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL027.RES
Inject Time : 0903 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2524	BB	.001	
2	7.38	225385	BB	.022	TCX
3	8.95	3106	BB	.001	
4	33.73	214655	BB	.022	DC8
Total Area:		445671			

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1732 25Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0E

o Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0E

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

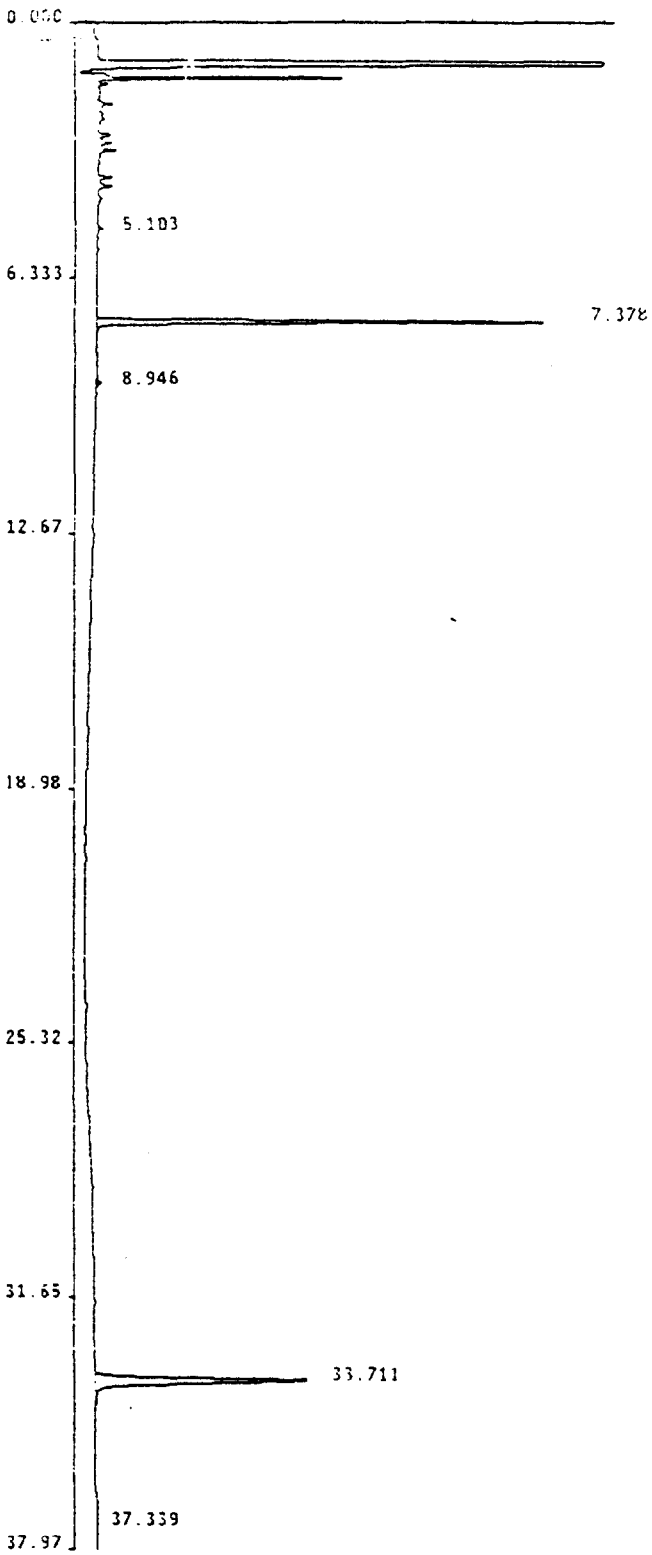
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLKOE
Lab Id : PIBLKOE
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL039.RES
Inject Time : 1755 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.10	2427	BB	.001	
2	7.38	248406	BB	.024	TCX
3	8.95	3346	BB	.001	
4	33.71	234970	BB	.024	DCB
5	37.34	5367	BB	.001	
Total Area:		494516			

Method File: /DATA/METHOD/INDA8Q9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2136 25Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0F

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0F

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

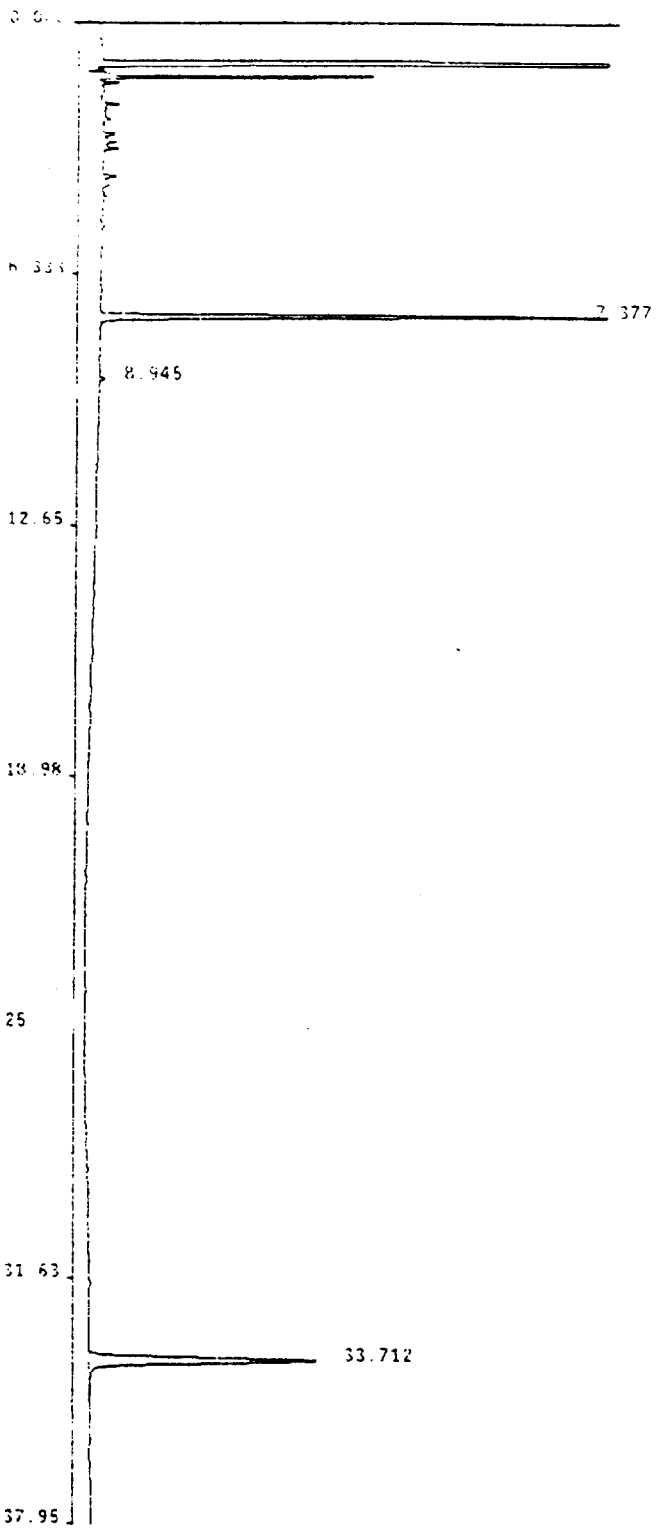
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Celmic Corporation Pest/PCB Report

Sample Name : PIBLK0F
Lab Id : PIBLK0F
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL053.RES
Inject Time : 0416 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	232485	BB	.022	TCX
2	8.95	3502	BB	.001	
3	33.71	228140	BB	.023	DCB

Total Area: 464128

SM 7/26/94

Method File: /DATA/METHOD/INDA8Q9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1145 26Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0G

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0G

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

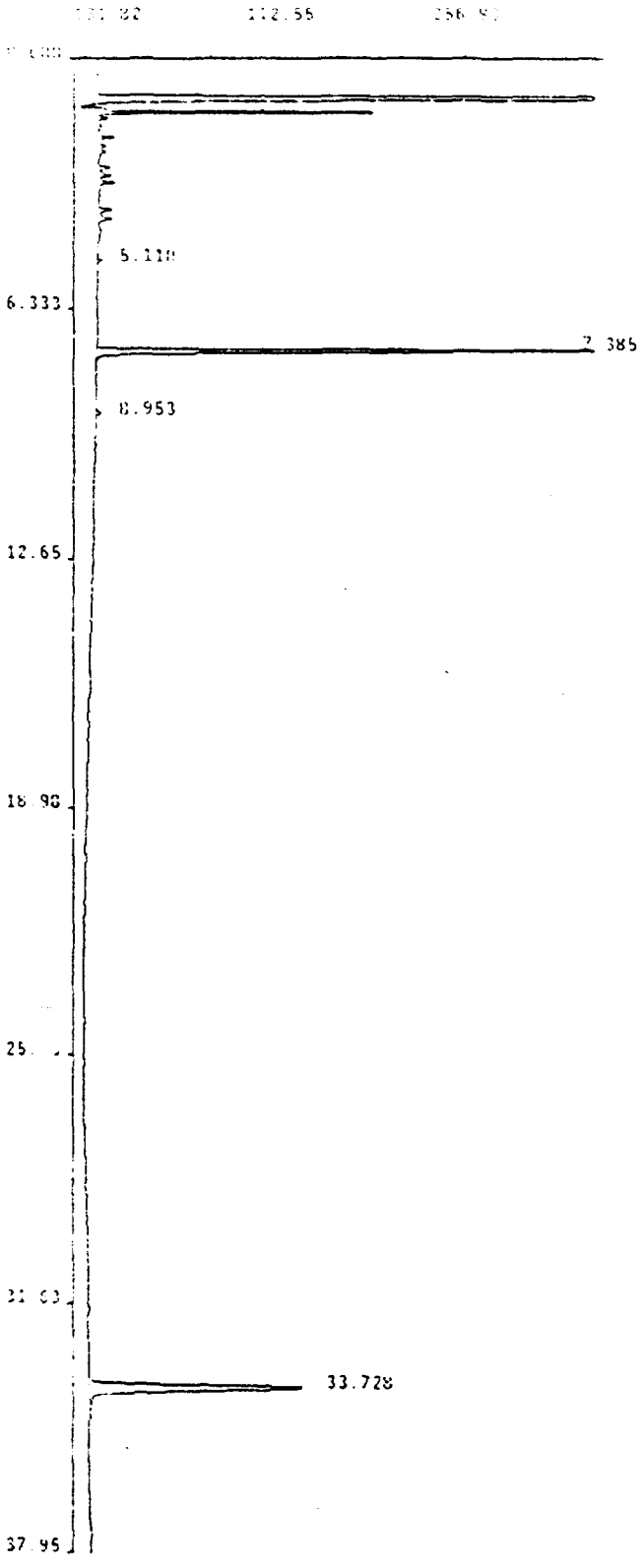
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK0G
Lab Id : PIBLK0G
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL060.RES
Inject Time : 0926 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.11	2481	BB	.001	
2	7.38	248151	BB	.024	TCX
3	8.95	3356	BB	.001	
4	33.73	241054	BB	.025	DCB
		495042			

Total Area:

Method File: /DATA/METHOD/INDAB09.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1203 26Jul1994

SM 7/26/a

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1A

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1A

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

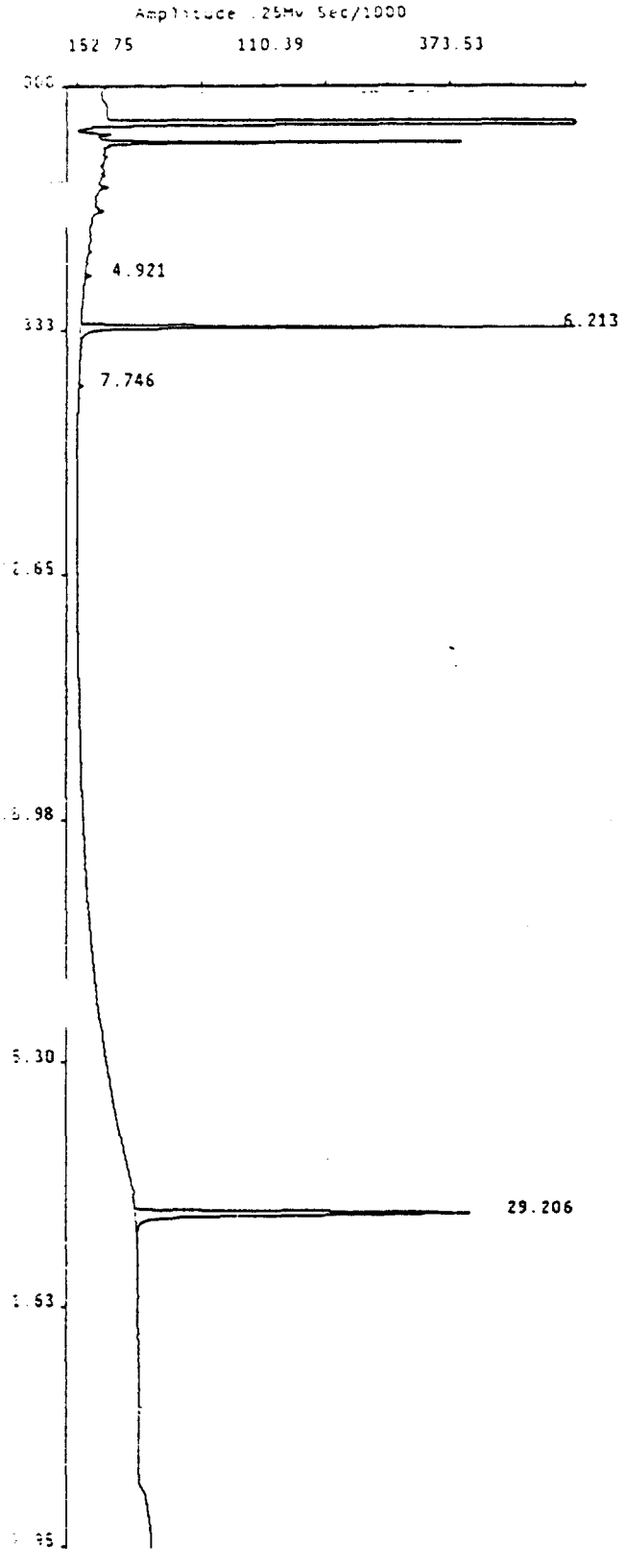
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : P1BLK1A
Lab Id : P1BLK1A ,I
Inst Id & Col : A08_1, 081701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL020.RES
Inject Time : 0207 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.92	3271	VB	.001	
2	6.21	252600	BB	.022	TCX
3	7.75	2479	BB	.001	
4	29.21	282460	BB	.021	DCB
		540810			

Total Area:

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1401 22Jul1994

7/25-19-4

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1D

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1D

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

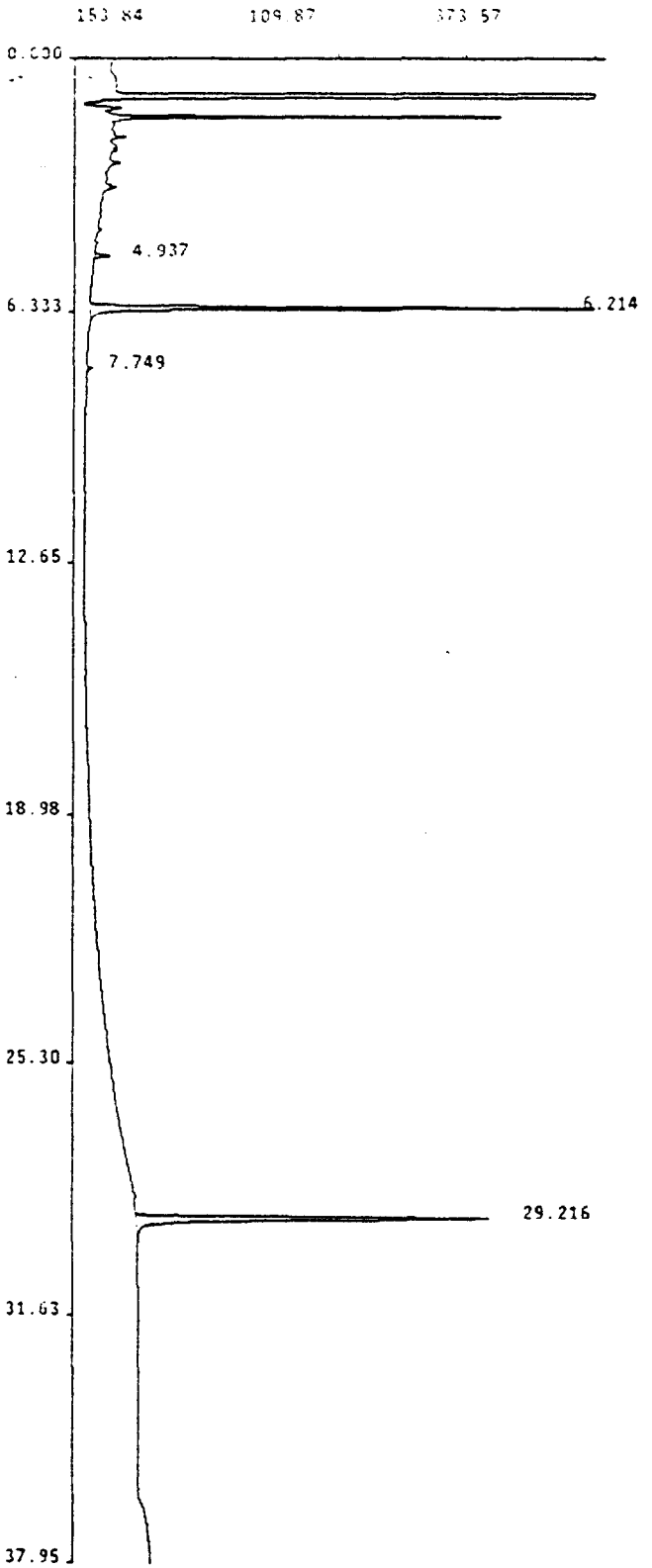
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1D
Lab Id : PIBLK1D
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL027.RES
Inject Time : 0903 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	8262	VB	.002	
2	6.21	244094	BB	.021	TCX
3	7.75	2475	BB	.001	
4	29.22	285112	BB	.021	OCB
Total Area:		539943			

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1748 25Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1E

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1E

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

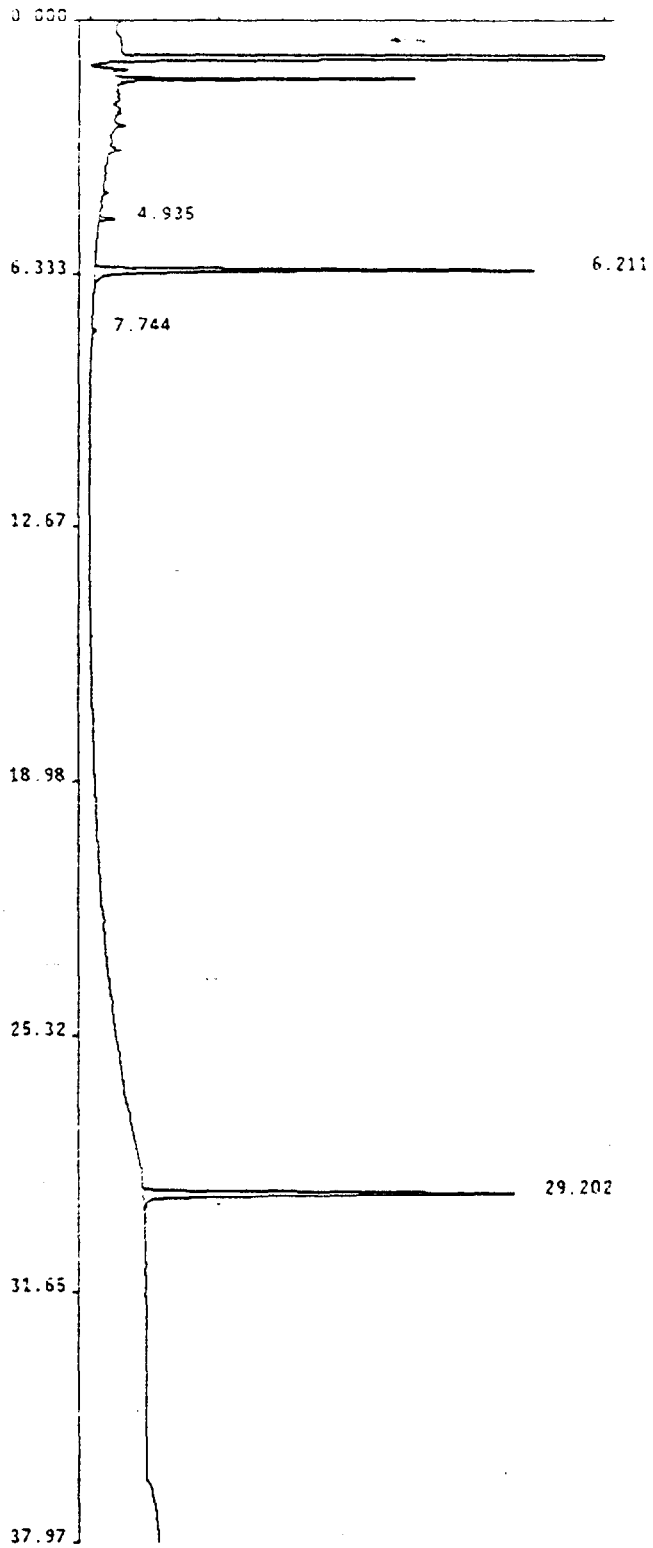
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/25/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1E
Lab Id : PIBLK1E
Inst Id & Col : AD8_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL039.RES
Inject Time : 1755 25Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	8161	V8	.002	
2	6.21	271547	BB	.023	TCX
3	7.74	2689	BB	.001	
4	29.20	312602	BB	.023	DCB

Total Area:		595000			

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2141 25Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1F

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1F

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

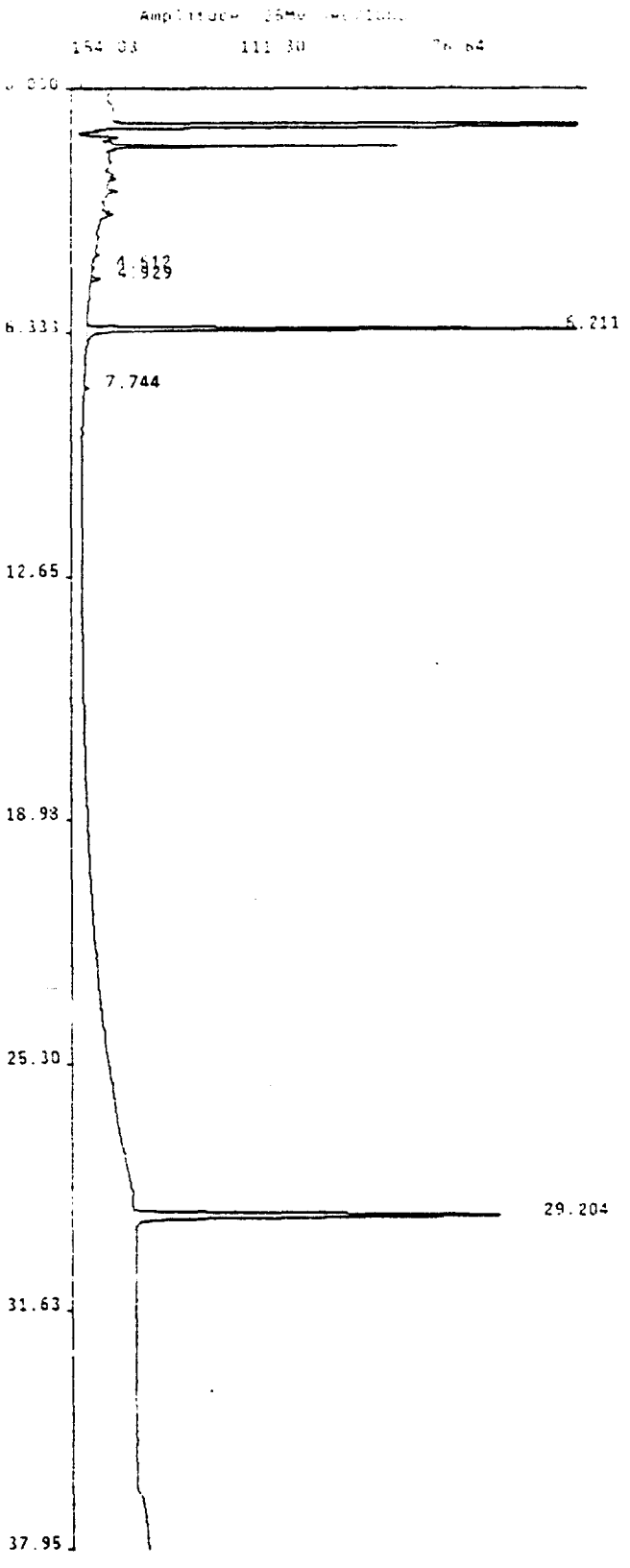
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1F
Lab Id : PIBLK1F
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL053.RES
Inject Time : 0416 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.61	2279	BV	.001	
2	4.93	5568	VB	.001	
3	6.21	248377	BB	.021	TCX
4	7.74	2458	BB	.001	
5	29.20	294598	BB	.022	DCB

Total Area: 553280

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1146 26Jul1994

SM 7/26/94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1G

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: CLJ2FB

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1G

Sample wt/vol: 1000 (g/mL) ML Lab File ID:

% Moisture: decanted: (Y/N) Date Received:

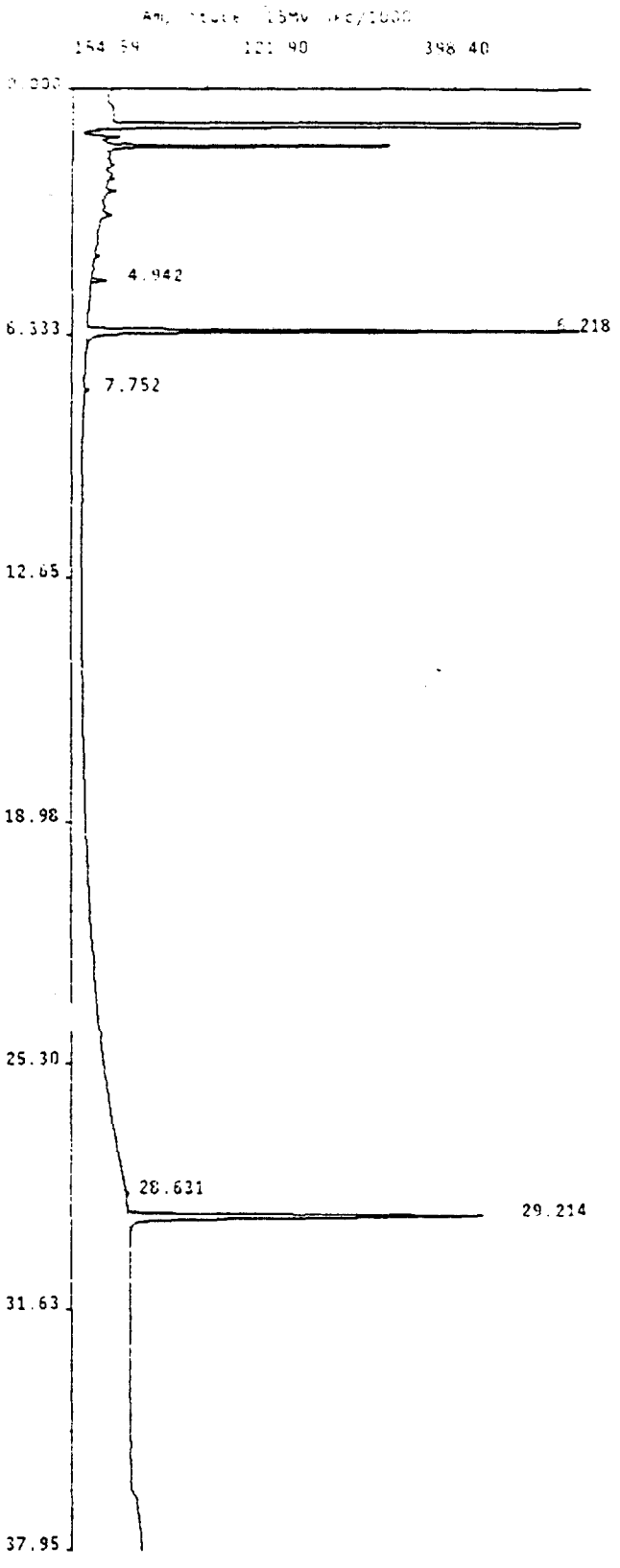
Extraction: (SepF/Cont/Sonc) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Cetmic Corporation Pest/PCB Report

Sample Name : PIBLK1G
Lab Id : PIBLK1G
Inst Id & Col : AD8_1, 081701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL060.RES
Inject Time : 0926 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	8422	VB	.002	
2	6.22	269905	BB	.023	TCX
3	7.75	2597	BB	.001	
4	28.63	10084	BB	.002	
5	29.21	315581	BB	.024	DCB
Total Area:		606589			

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1202 26Jul1994

BM 7/26/94

CLJWC01
CLJWC02

CEIMIC
CORPORATION
"Analytical Chemistry for Environmental Management"

July 19, 1994

Ms. Theresa Rojas
OHM Remediation Services Corp.
5335 Triangle Parkway
Suite 450
Norcross, GA 30092

Dear Ms. Rojas:

Enclosed is a copy of the data package for the analyses of 2 soil samples which were received at CEIMIC on July 16, 1994. The samples were analyzed under OHM Case No. 15226, SDG No. CLJWC01.

If you have any questions regarding this data please call.

Sincerely,

Miguel Muzzio
Laboratory Manager

MM/jmf

Enclosures

10 Dean Knauss Drive, Narragansett, R.I. 02882 • (401) 782-8900 • FAX (401) 782-8905

PROJECT NARRATIVE

SDG NARRATIVE

The enclosed data package is in response to OHM Case No. 15226, SDG No. CLJWC01. Under this SDG, there are 4 Pest analyses for 2 soil samples which were received at CEIMIC on July 16, 1994 from OHM Remediation Services Corp.

This data package includes the analyses for the following samples from SDG No. CLJWC01:

CLIENT ID	ANALYSIS
CLJWC01 MS/MSD	Pest
CLJWC02	Pest

The submitted data covers the analysis of the Pesticides (PEST) fraction and its associated blanks and QA/QC. CEIMIC would like to highlight the following points pertaining to the analyses performed for this case:

(2) INSTRUMENTATION AND COLUMN IDENTIFICATION

The following instruments were used for the analyses:

GC ANALYSIS

A. Pest

AD6_1: HP5890 using 30m x 0.53mm ID DB-608 megabore column.

AD7_1: HP5890 using 30m x 0.53mm ID DB-1701 megabore column.

(3) SAMPLE INFORMATION

Additional qualifier: "x"

An "x" qualifier is flagged by Formaster software whenever the data is manually edited.

The letters "M" for GC/MS and "FF" for GC are used on the raw data of the quantitation report whenever a manual integration is performed. These data manipulations are done only to correct for computer integration error.

A. Pest Fraction

No noncompliances are noted.

DEVIATIONS FROM THE SOW

None other than specified above.

End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Miguel Muzzio
Laboratory Manager

7/19/94
Date

CHAIN-OF-CUSTODY

OHM Corporation

128184

O.H. MATER .S CORP. • P.O. BOX 551 • FINDLAY, OH 45839-[illegible] • 419-423-3526

PROJECT NAME	PROJECT LOCATION
Camp LeJeune	Camp LeJeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
15226		910

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) 8080 (total)	REMARKS
1	CLJWC01	7/14/91	1515		X	Camp LeJeune 1 soil sample	1	✓	fax results to 9104511809
2	CLJWC02	7/14/91	1515		X	Camp LeJeune 1 soil sample	1	✓	
3									
4									
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-2	[signature]	Claudine Bigham	7/14/91	1515
2					
3					
4					

REMARKS

TAT: 48 hours
All Samples Cooled

SAMPLER'S SIGNATURE

[signature]

ORGANIC SUMMARY PACKAGE

2. TCL AND TIC

~~(1) VOA~~
~~(2) SV~~
(3) PEST

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01

Lab Name: CEIMIC CORP Contract: OHM

Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01

Sample wt/vol: 30.1 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	7.4	
72-55-9	4,4'-DDE	29	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	33	P
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	260	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

07

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01MS

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01MS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	15	
76-44-8	Heptachlor	15	
309-00-2	Aldrin	14	
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	40	
72-55-9	4,4'-DDE	13	
72-20-8	Endrin	32	P
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	17	P
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	210	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01MSD

Lab Name: CEIMIC CORP Contract: OHM

( ) Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01MSD

Sample wt/vol: 30.5 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	12	
76-44-8	Heptachlor	12	
309-00-2	Aldrin	12	
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	34	
72-55-9	4,4'-DDE	47	
72-20-8	Endrin	26	P
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	33	P
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	370	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01DL

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	41	P
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	220	
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	38	U
7421-93-4	Endrin aldehyde	38	U
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	20	U
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	770	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC02

Lab Name: CEIMIC CORP Contract: OHM

b Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-02

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 2 decanted: (Y/N) N Date Received: 07/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 5.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	22	
72-55-9	4,4'-DDE	4.7	P
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	18	P
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	590	
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC02DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-02DL

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 2 decanted: (Y/N) N Date Received: 07/16/94

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	17	U
319-85-7	beta-BHC	17	U
319-86-8	delta-BHC	17	U
58-89-9	gamma-BHC (Lindane)	17	U
76-44-8	Heptachlor	17	U
309-00-2	Aldrin	17	U
1024-57-3	Heptachlor epoxide	17	U
959-98-8	Endosulfan I	17	U
60-57-1	Dieldrin	33	U
72-55-9	4,4'-DDE	33	U
72-20-8	Endrin	33	U
33213-65-9	Endosulfan II	33	U
72-54-8	4,4'-DDD	35	P
1031-07-8	Endosulfan sulfate	33	U
50-29-3	4,4'-DDT	530	
72-43-5	Methoxychlor	170	U
53494-70-5	Endrin ketone	33	U
7421-93-4	Endrin aldehyde	33	U
5103-71-9	alpha-Chlordane	17	U
5103-74-2	gamma-Chlordane	17	U
8001-35-2	Toxaphene	1700	U
12674-11-2	Aroclor-1016	330	U
11104-28-2	Aroclor-1221	670	U
11141-16-5	Aroclor-1232	330	U
53469-21-9	Aroclor-1242	330	U
12672-29-6	Aroclor-1248	330	U
11097-69-1	Aroclor-1254	330	U
11096-82-5	Aroclor-1260	330	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0A

Lab Name: CEIMIC CORP Contract: OHM

L Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0D

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/18/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

14

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0E

Lab Name: CEIMIC CORP Contract: OHM

Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0E

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0F

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0F

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1A

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1D

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/18/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1E

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1E

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1F

Lab Name: CEIMIC CORP Contract: OHM

L Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1F

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

3. SURROGATE SPIKE ANALYSIS RESULTS

~~(1) VOA~~
~~(2) SV~~
(3) PEST

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK01	104		98		102		105				0
02	CLJWC01	85		78		91		83				0
03	CLJWC01DL	101		93		94		92				0
04	CLJWC02	90		90		85		88				0
05	CLJWC02DL	89		92		99		94				0
06	CLJWC01MS	72		80		97		78				0
07	CLJWC01MSD	70		65		70		67				0

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

~~(1) VOA~~
~~(2) SV~~
(3) PEST

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix Spike - EPA Sample No.: CLJWC01

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	#	QC LIMITS REC.
gamma-BHC (Lindane)	19.400	0	14.8	76		46-127
Heptachlor	19.400	0	15.2	78		35-130
Aldrin	19.400	0	13.8	71		34-132
Dieldrin	38.700	7.42	40.0	84		31-134
Endrin	38.700	0	32.4	84		42-139
4,4'-DDT	38.700	258	211	-121	*	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	19.100	11.6	61		22		50	46-127
Heptachlor	19.100	12.4	65		18		31	35-130
Aldrin	19.100	12.0	63		12		43	34-132
Dieldrin	38.100	34.1	70		18		38	31-134
Endrin	38.100	26.5	70		18		45	42-139
4,4'-DDT	38.100	373	302	*	467	*	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 6 outside limits
Spike Recovery: 2 out of 12 outside limits

COMMENTS:

5. BLANK DATA

~~(1) VOA~~
~~(2) SV~~
(3) PEST

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: OHM

) Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID: P0718-B1 Lab File ID: _____

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 07/18/94

Date Analyzed (1): 07/19/94 Date Analyzed (2): 07/19/94

Time Analyzed (1): 0336 Time Analyzed (2): 0336

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJWC01	940631-01	07/19/94	07/19/94
02	CLJWC01DL	940631-01DL	07/19/94	07/19/94
03	CLJWC02	940631-02	07/19/94	07/19/94
04	CLJWC02DL	940631-02DL	07/19/94	07/19/94
05	CLJWC01MS	940631-01MS	07/19/94	07/19/94
06	CLJWC01MSD	940631-01MSD	07/19/94	07/19/94

COMMENTS:

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: P0718-B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

PESTICIDES/PCBS

PESTICIDES/PCBS

a. QC Summary

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK01	104		98		102		105				0
02	CLJWC01	85		78		91		83				0
03	CLJWC01DL	101		93		94		92				0
04	CLJWC02	90		90		85		88				0
05	CLJWC02DL	89		92		99		94				0
06	CLJWC01MS	72		80		97		78				0
07	CLJWC01MSD	70		65		70		67				0

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix Spike - EPA Sample No.: CLJWC01

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	#	QC LIMITS REC.
gamma-BHC (Lindane)	19.400	0	14.8	76		46-127
Heptachlor	19.400	0	15.2	78		35-130
Aldrin	19.400	0	13.8	71		34-132
Dieldrin	38.700	7.42	40.0	84		31-134
Endrin	38.700	0	32.4	84		42-139
4,4'-DDT	38.700	258	211	-121	*	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	19.100	11.6	61		22		50	46-127
Heptachlor	19.100	12.4	65		18		31	35-130
Aldrin	19.100	12.0	63		12		43	34-132
Dieldrin	38.100	34.1	70		18		38	31-134
Endrin	38.100	26.5	70		18		45	42-139
4,4'-DDT	38.100	373	302	*	467	*	50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 6 outside limits
Spike Recovery: 2 out of 12 outside limits

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID: P0718-B1 Lab File ID: _____

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 07/18/94

Date Analyzed (1): 07/19/94 Date Analyzed (2): 07/19/94

Time Analyzed (1): 0336 Time Analyzed (2): 0336

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJWC01	940631-01	07/19/94	07/19/94
02	CLJWC01DL	940631-01DL	07/19/94	07/19/94
03	CLJWC02	940631-02	07/19/94	07/19/94
04	CLJWC02DL	940631-02DL	07/19/94	07/19/94
05	CLJWC01MS	940631-01MS	07/19/94	07/19/94
06	CLJWC01MSD	940631-01MSD	07/19/94	07/19/94

COMMENTS:

PESTICIDES/PCBS

b. Sample Data

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

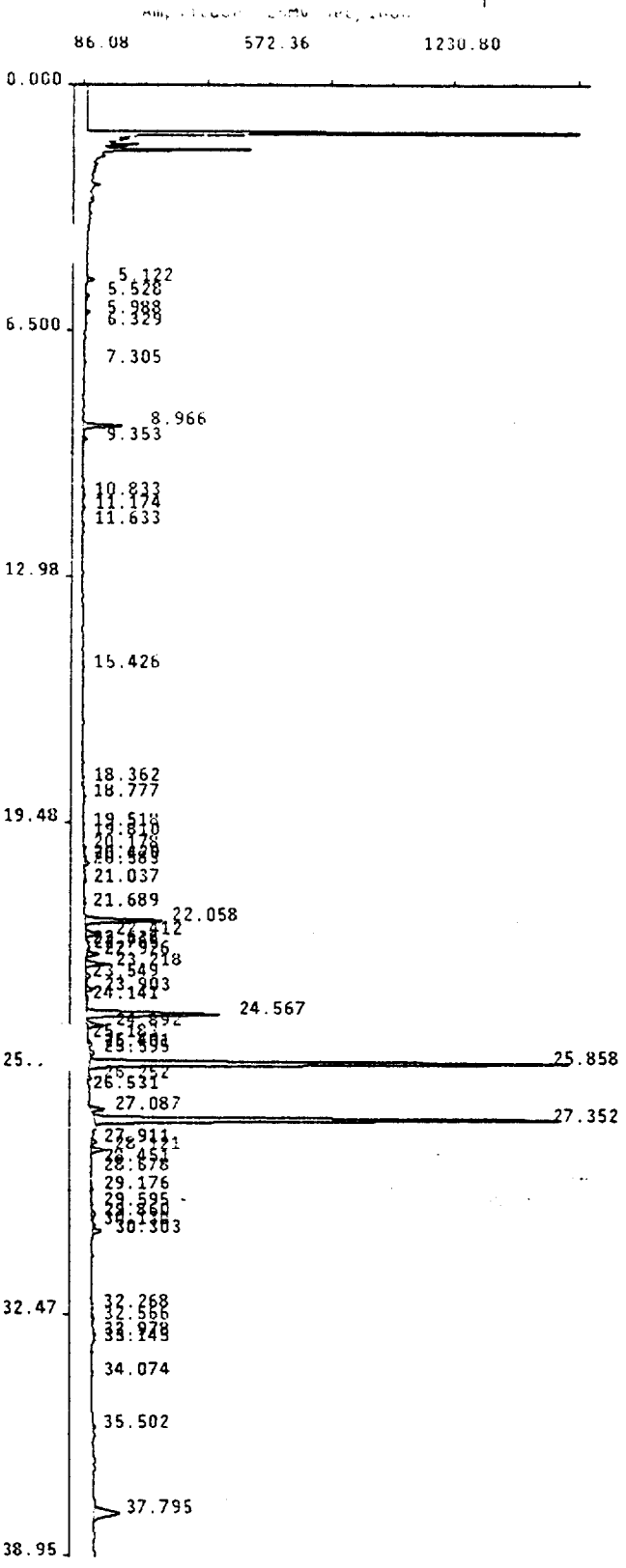
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	7.4	
72-55-9	4,4'-DDE	29	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	33	P
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	260	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC01
Lab Id : 940631-01
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL018.RES
Inject Time : 0420 19Jul1994
Run Status : RunStatusOK
EndOffBaseline
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	24566	BB	.020	
2	5.53	13346	BB	.011	
3	5.99	14192	BB	.011	
4	6.33	2947	BB	.002	
5	7.30	6508	BB	.005	
6	8.97	120003	BB	.034	TCX
7	9.35	9773	BB	.008	
8	10.83	7299	BB	.006	
9	11.17	8438	BB	.007	
10	11.63	3858	BB	.003	
11	15.43	7091	BB	.006	
12	18.36	4245	BB	.003	
13	18.78	5349	BB	.004	
14	19.52	3283	BB	.003	
15	19.81	6382	BB	.005	
16	20.18	8787	BB	.002	~~G. CHLORDANE~~ 7-19-94
17	20.42	4395	BB	.004	
18	20.58	16202	BB	.013	
19	21.04	4948	BB	.002	~~ENDOSULF. I~~ 7-19-94
20	21.69	4139	BB	.003	
21	22.06	242628	BB	.088	4,4'-DDE
22	22.41	59094	BB	.022	DIELDRIN
23	22.64	5073	BB	.004	
24	22.77	5920	BB	.005	
25	22.93	38342	BB	.031	
26	23.22	68657	BB	.055	
27	23.55	16770	BB	.013	
28	23.90	25305	BB	.020	
29	24.14	10473	BB	.008	
30	24.57	518288	BB	.256	4,4'-DDD
31	24.89	60443	BB	.031	~~ENDOSULF. II~~ 7-19-94
32	25.18	2971	BB	.002	
33	25.40	15748	BB	.013	
34	25.59	20500	BB	.016	
35	25.86	1617020	BB	.744	4,4'-DDT
36	26.25	10409	BB	.007	~~ENDRIN ALDEH~~ 7-19-94
37	26.53	5744	BB	.005	
38	27.09	47492	BB	.038	
39	27.35	1560252	BB	1.253	
40	27.91	16586	BB	.013	

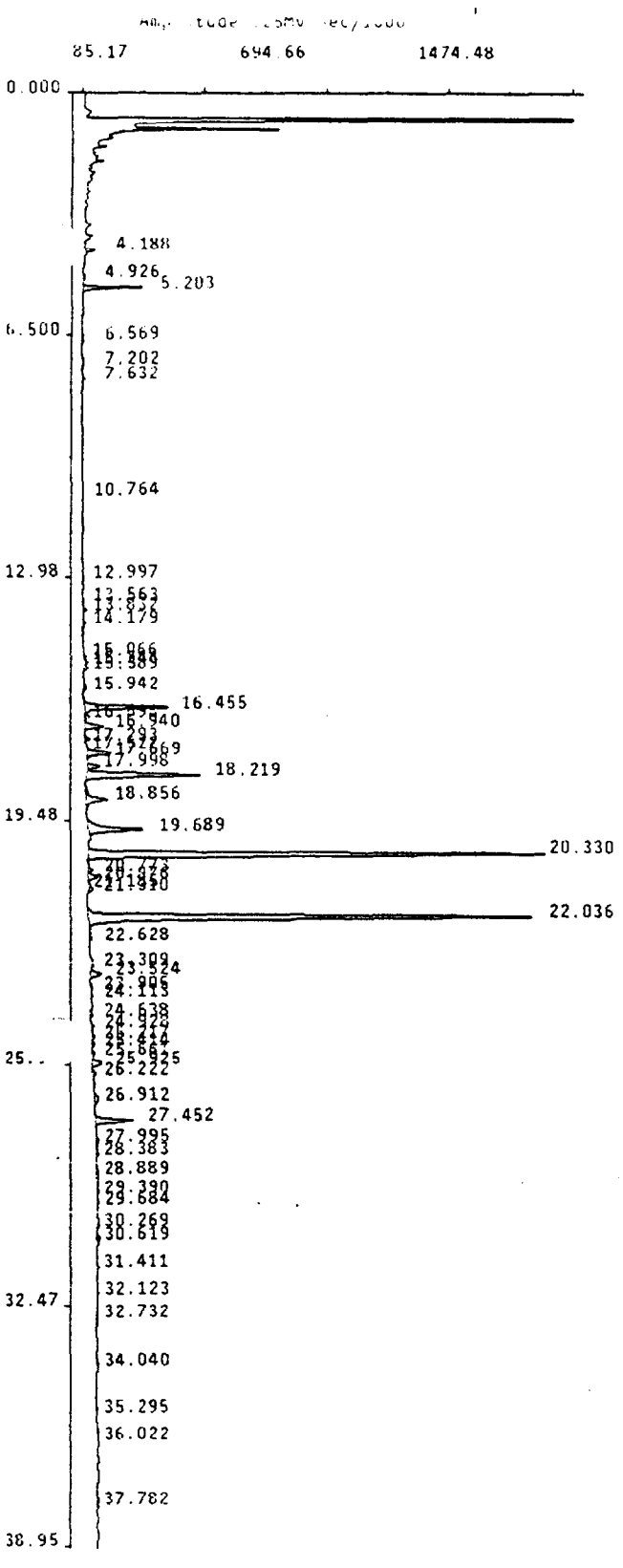
Sample Name : CLJWC01
Lab Id : 940631-01
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL018.RES
Inject Time : 0420 19Jul1994
Run Status : RunStatusOK
EndOffBaseline
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
41	28.12	59403	BB	.048	
42	28.45	6187	BB	.005	
43	28.68	3515	BB	.003	
44	29.18	10302	BB	.008	
45	29.59	4388	BB	.004	
46	29.86	21105	BB	.017	
47	30.13	4302	BB	.003	
48	30.30	29730	BB	.024	
49	32.27	2744	BB	.002	
50	32.57	7272	BB	.006	
51	32.98	9199	BB	.007	
52	33.15	2930	BB	.002	
53	34.07	8612	BB	.007	
54	35.50	6287	BB	.005	
55	37.80	158703	BB	.036	DCB
		4958146			

Total Area: 4958146

Method File: /DATA/METHOD/QD6P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0919 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC01
Lab Id : 940631-01
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL018.RES
Inject Time : 0420 19Jul1994
Run Status : RunStatusOK
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	25740	BB	.003	
2	4.93	7716	BB	.001	
3	5.20	185502	BB	.031	TCX
4	6.57	5514	BB	.001	
5	7.20	8005	BB	.001	
6	7.63	6927	BB	.001	
7	10.76	3917	BB	.000	
8	13.00	4076	BB	.001	~~BETA-BHC~~ 7-19-94
9	13.56	5169	BB	.001	
10	13.83	15805	BB	.005	~~DELTA-BHC~~ 7-19-94
11	14.18	18822	BB	.002	
12	15.07	3569	BB	.000	
13	15.24	9522	BB	.001	
14	15.39	11784	BB	.003	~~ENDOSULF. I~~ 7-19-94
15	15.94	13938	BB	.003	~~A- CHLORDANE~~ 7-19-94
16	16.45	359997	BB	.075	(4,4'-DDE)
17	16.70	18951	BB	.002	
18	16.94	81272	BB	.019	(DIELDRIN)
19	17.29	19393	BB	.002	
20	17.52	2283	BB	.000	
21	17.67	104970	BB	.025	~~ENDRIN~~ 7-19-94
22	18.00	50570	BB	.005	
23	18.22	505770	BB	.053	
24	18.86	140100	BB	.015	
25	19.69	302557	BB	.087	(4,4'-DDD)
26	20.33	2140310	BB	.674	(4,4'-DDT)
27	20.77	22043	BB	.002	
28	20.98	43100	BB	.005	
29	21.18	3451	BB	.000	
30	21.31	16568	BB	.002	
31	22.04	2166547	BB	.229	
32	22.63	15037	BB	.002	
33	23.31	4198	BB	.000	
34	23.52	60824	BB	.006	
35	23.90	9850	BB	.001	
36	24.11	4462	BB	.000	
37	24.64	6174	BB	.001	
38	24.93	10155	BB	.001	
39	25.22	10384	BB	.001	
40	25.41	8852	BB	.001	
41	25.66	6723	BB	.001	

Sample Name : CLJWC01
Lab Id : 940631-01
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL018.RES
Inject Time : 0420 19Jul1994
Run Status : RunStatusOK
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
42	25.92	43489	BB	.005	
43	26.22	15030	BB	.002	
44	26.91	27121	BB	.003	
45	27.45	183288	BB	.033	DCB
46	27.99	21166	BB	.002	
47	28.38	9354	BB	.001	
48	28.89	22354	BB	.002	
49	29.39	8087	BB	.001	
50	29.68	6171	BB	.001	
51	30.27	7449	BB	.001	
52	30.62	29904	BB	.003	
53	31.41	8303	BB	.001	
54	32.12	10133	BB	.001	
55	32.73	15993	BB	.002	
56	34.04	7533	BB	.001	
57	35.30	2826	BB	.000	
58	36.02	6497	BB	.001	
59	37.78	8612	BB	.001	
		6873857			

Total Area: 6873857

Method File: /DATA/METHOD/QD7P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0923 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01DL

Sample wt/vol: 30.3 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

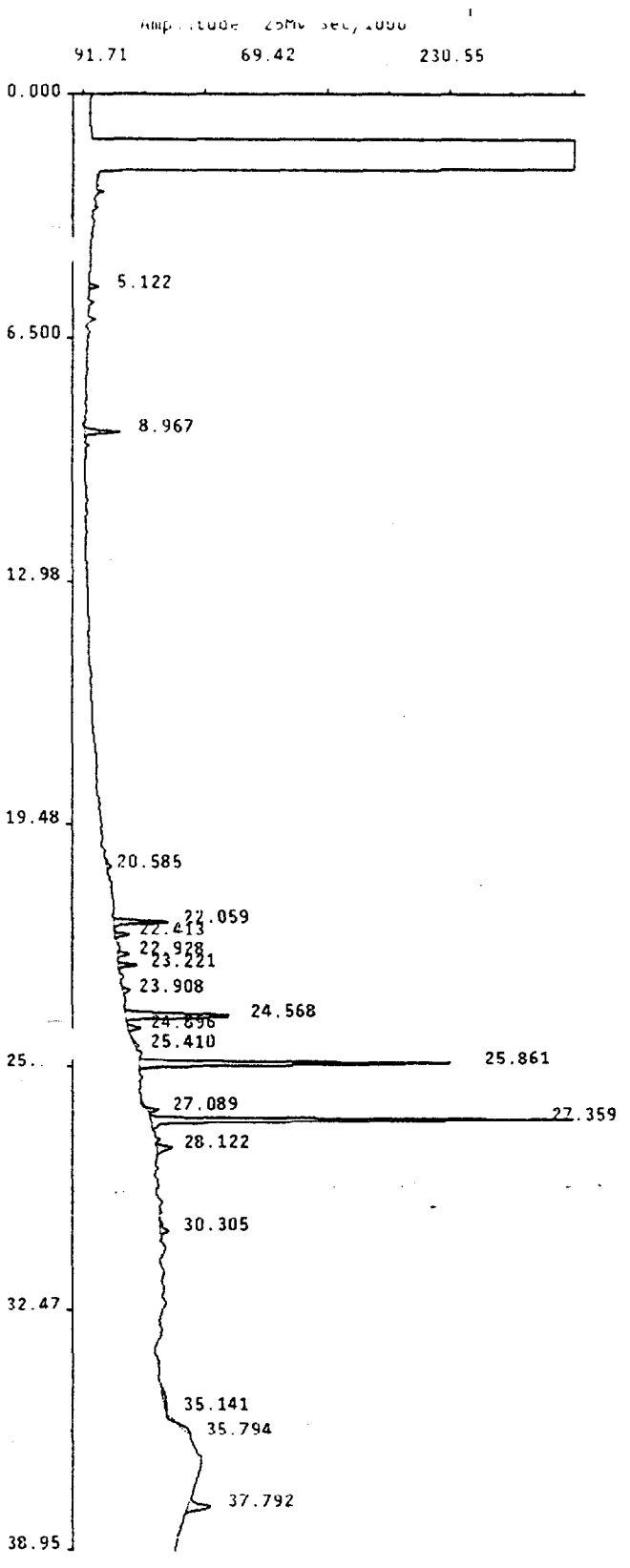
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	38	U
72-55-9	4,4'-DDE	38	U
72-20-8	Endrin	38	U
33213-65-9	Endosulfan II	38	U
72-54-8	4,4'-DDD	41	P
1031-07-8	Endosulfan sulfate	38	U
50-29-3	4,4'-DDT	220	
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	38	U
7421-93-4	Endrin aldehyde	38	U
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	20	U
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	770	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	380	U



Ceimic Corporation Pest/PCB Report

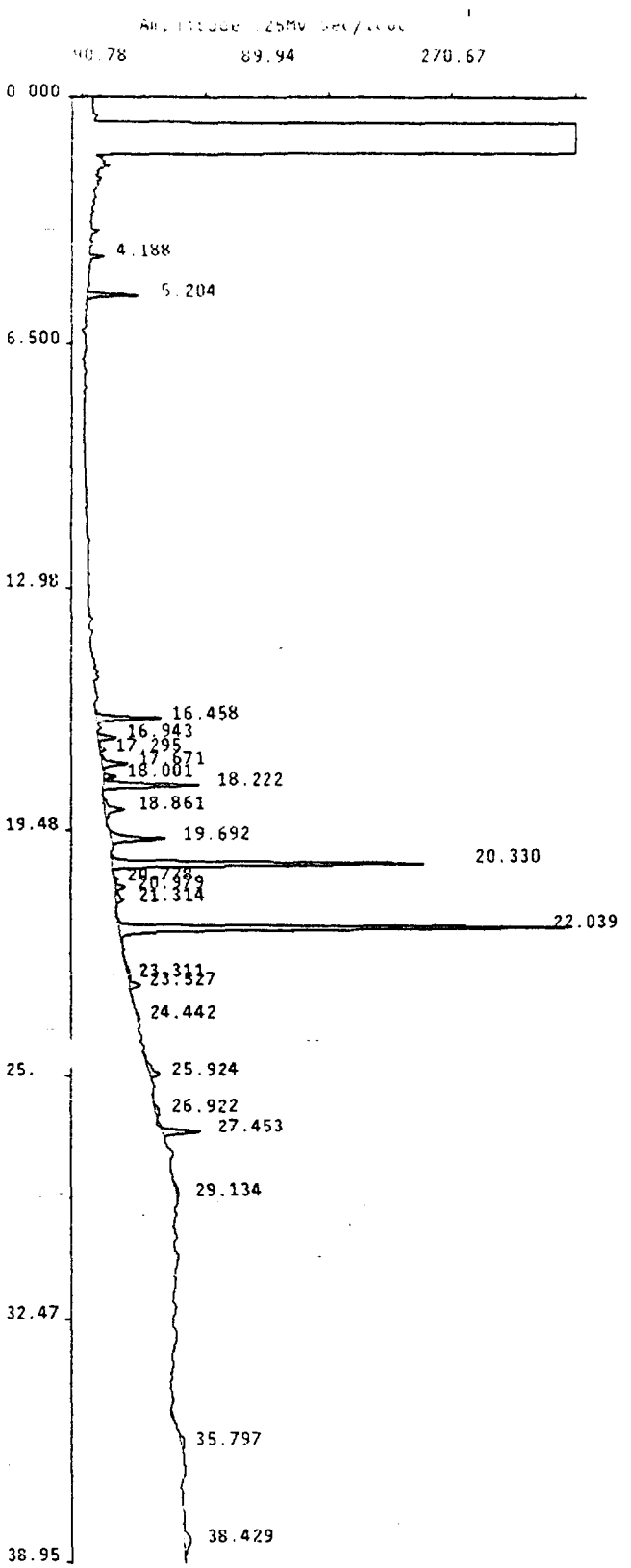
Sample Name : CLJWC01DL 1:10
Lab Id : 940631-01DL
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL019.RES
Inject Time : 0503 19Jul1994
Run Status : SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3670	BB	.003	
2	8.97	14310	BB	.004	TCX
3	20.58	3134	BB	.003	
4	22.06	23337	BB	.008	~~4,4'-DDE~~ 7-19-94
5	22.41	6962	BB	.003	~~DIELDRIN~~ 7-19-94
6	22.93	4576	BB	.004	
7	23.22	8405	BB	.007	
8	23.91	3108	BB	.002	
9	24.57	51430	BB	.025	4,4'-DDD
10	24.90	5685	BB	.003	~~ENDOSULF II~~ 7-19-94
11	25.41	2453	BB	.002	
12	25.86	132077	BB	.061	4,4'-DDT
13	27.09	3491	BB	.003	
14	27.36	176950	BB	.142	
15	28.12	9923	BB	.008	
16	30.31	5222	BB	.004	
17	35.14	6104	BB	.005	
18	35.79	3804	BB	.003	
19	37.79	16349	BB	.004	DCB

Total Area:		480989			

Method File: /DATA/METHOD/QD6P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0932 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC01DL 1:10
Lab Id : 940631-01DL
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL019.RES
Inject Time : 0503 19Jul1994
Run Status : EndOffBaseline
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	6269	BB	.001	
2	5.20	22104	BB	.004	TCX
3	16.46	37589	BB	.008	~~4,4'-DDE~~ 7-19-94
4	16.94	10218	BB	.002	~~DIELDRIN~~ 7-19-94
5	17.29	3109	BB	.000	
6	17.67	17513	BB	.004	~~ENDRIN~~ 7-19-94
7	18.00	6458	BB	.001	
8	18.22	55711	BB	.006	
9	18.86	19272	BB	.002	
10	19.69	37324	BB	.011	4,4'-DDD
11	20.33	185552	BB	.058	4,4'-DDT
12	20.78	2045	BB	.000	
13	20.98	5535	BB	.001	
14	21.31	6448	BB	.001	
15	22.04	278221	BB	.029	
16	23.31	4999	BB	.001	
17	23.53	7585	BB	.001	
18	24.44	2817	BB	.000	
19	25.92	12529	BB	.001	
20	26.92	4676	BB	.000	
21	27.45	20353	BB	.004	DCB
22	29.13	3891	BB	.000	
23	35.80	5321	BB	.001	
24	38.43	14368	BB	.002	

Total Area: 769908

Method File: /DATA/METHOD/QD7P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0929 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC02

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-02

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 2 decanted: (Y/N) N Date Received: 07/16/94

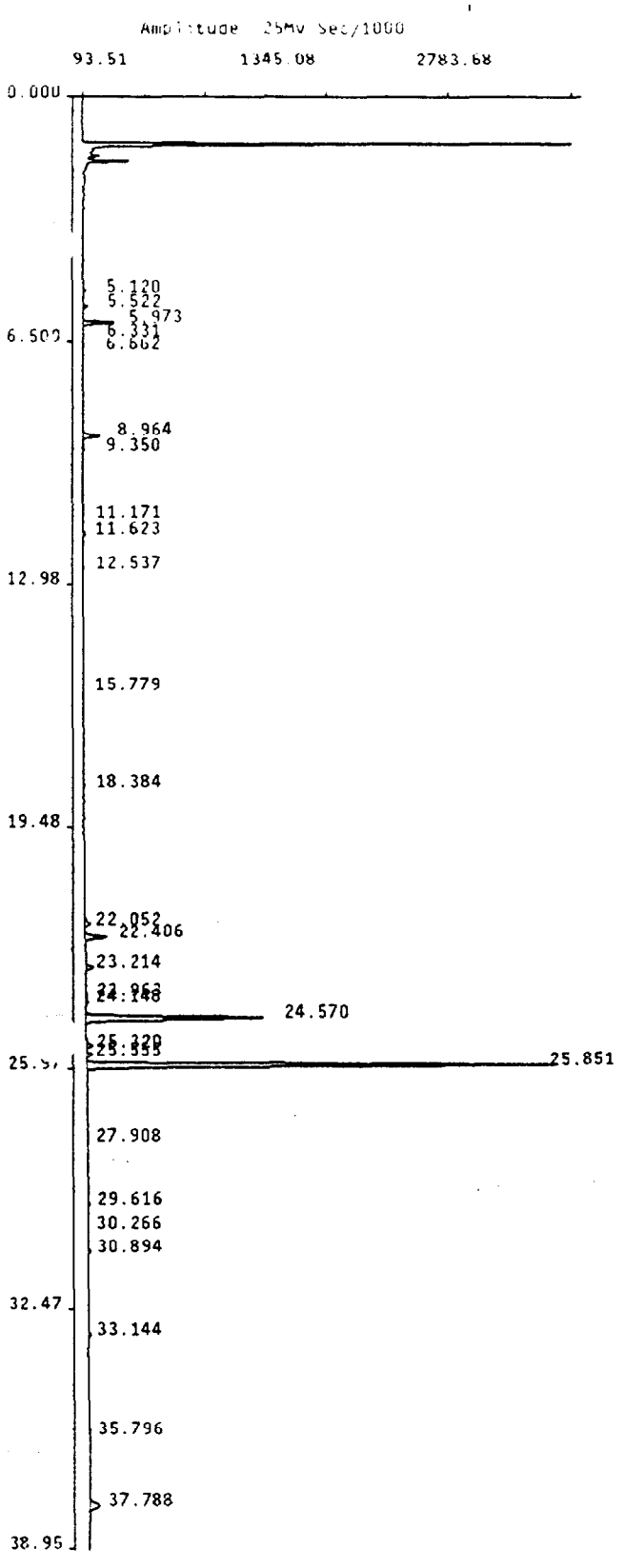
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 5.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	22	
72-55-9	4,4'-DDE	4.7	P
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	18	P
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	590	
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U



Ceimic Corporation Pest/PCB Report

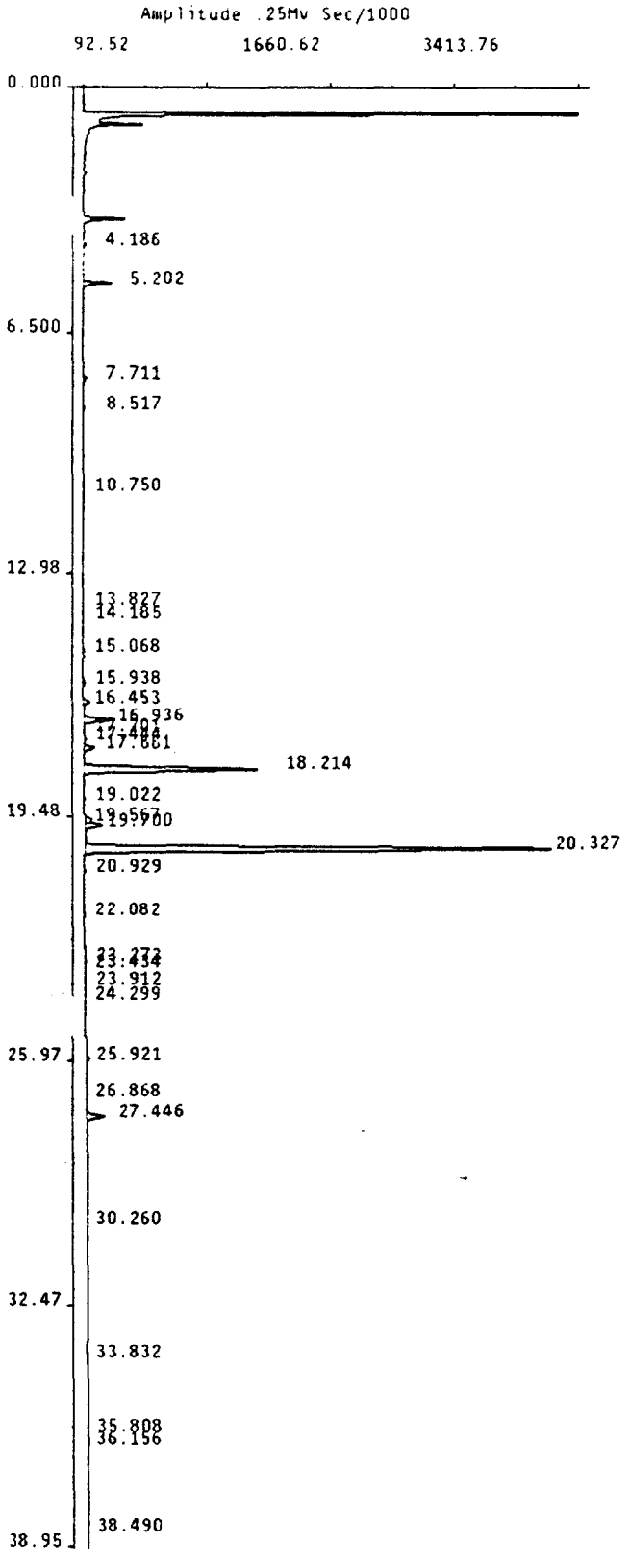
Sample Name : CLJWC02
Lab Id : 940631-02
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL023.RES
Inject Time : 0756 19Jul1994
Run Status : EndOffBaseline
SignalOverload

7-14-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	14677	BB	.012	
2	5.52	35828	BB	.029	
3	5.97	197849	BB	.159	
4	6.33	9093	BB	.007	
5	6.66	2478	BB	.002	
6	8.96	127017	BB	.036	TCX
7	9.35	6414	BB	.005	
8	11.17	7592	BB	.006	
9	11.62	18965	BB	.015	
10	12.54	6793	BB	.005	
11	15.78	2137	BB	.002	
12	18.38	4701	BB	.004	
13	22.05	51137	BB	.019	4,4'-DDE
14	22.41	173804	BB	.065	DIELDRIN
15	23.21	64571	BB	.052	
16	23.96	3603	BB	.003	
17	24.15	16613	BB	.013	
18	24.57	1535455	BB	.758	4,4'-DDD
19	25.32	60112	BB	.048	
20	25.56	41104	BB	.033	
21	25.85	3920362	BS	1.803	4,4'-DDT
22	27.91	3269	BB	.003	
23	29.62	9641	BB	.008	
24	30.27	7499	BB	.006	
25	30.89	19777	BB	.016	
26	33.14	24058	BB	.019	
27	35.80	8992	BB	.007	
28	37.79	148956	BB	.034	DCB

Total Area: 6522498

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1104 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC02
Lab Id : 940631-02
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL023.RES
Inject Time : 0756 19Jul1994
Run Status : EndOffBaseline
SignalOverload
SpecialInteg

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	15225	BB	.002	
2	5.20	213483	BB	.036	TCX
3	7.71	34878	BB	.004	
4	8.52	10407	BB	.001	
5	10.75	4004	BB	.000	
6	13.83	2981	BB	.001	~~DELTA-BHC~~ 7-19-94
7	14.18	4472	BB	.000	
8	15.07	6334	BB	.001	
9	15.94	29319	BB	.006	~~A-CHLORDANE~~ 7-19-94
10	16.45	67341	BB	.014	4,4'-DDE
11	16.94	276800	BB	.066	DIELDRIN
12	17.20	4573	BB	.000	
13	17.44	20277	BB	.002	
14	17.66	105835	BB	.026	~~ENDRIN~~ 7-19-94
15	18.21	2022202	BB	.213	
16	19.02	6720	BB	.001	
17	19.57	61844	FF	.007	
18	19.70	191529	FF	.055	4,4'-DDD
19	20.33	5542628	BS	1.745	4,4'-DDT
20	20.93	9742	BB	.001	
21	22.08	12537	BB	.001	
22	23.27	4676	BB	.000	
23	23.43	5071	BB	.001	
24	23.91	4414	BB	.000	
25	24.30	7353	BB	.003	~~ENDRIN KETON~~ 7-19-94
26	25.92	34363	BB	.004	
27	26.87	7021	BB	.001	
28	27.45	195249	BB	.035	DCB
29	30.26	10181	BB	.001	
30	33.83	14599	BB	.002	
31	35.81	4139	BB	.000	
32	36.16	15209	BB	.002	
33	38.49	8496	BB	.001	

Total Area: 8953896

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1115 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC02DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-02DL

Sample wt/vol: 30.4 (g/mL) G Lab File ID: _____

% Moisture: 2 decanted: (Y/N) N Date Received: 07/16/94

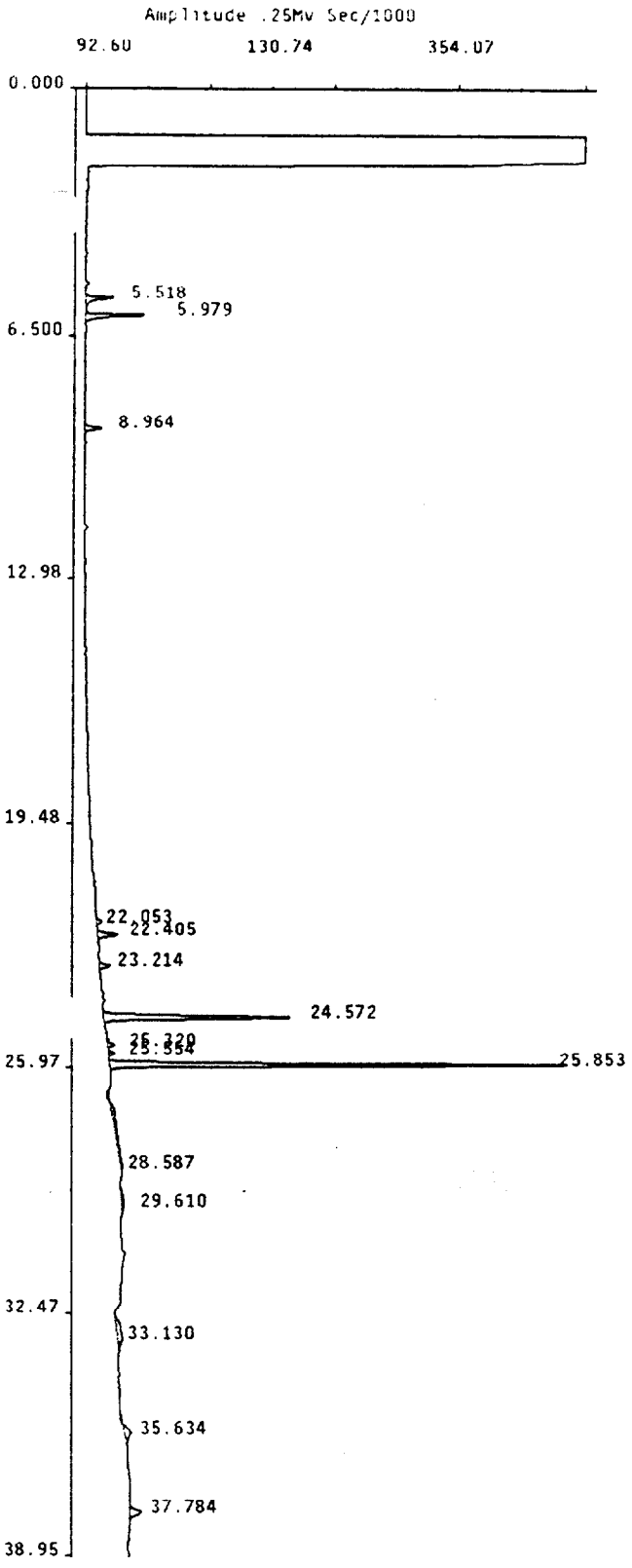
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 5.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	17	U
319-85-7	beta-BHC	17	U
319-86-8	delta-BHC	17	U
58-89-9	gamma-BHC (Lindane)	17	U
76-44-8	Heptachlor	17	U
309-00-2	Aldrin	17	U
1024-57-3	Heptachlor epoxide	17	U
959-98-8	Endosulfan I	17	U
60-57-1	Dieldrin	33	U
72-55-9	4,4'-DDE	33	U
72-20-8	Endrin	33	U
33213-65-9	Endosulfan II	33	U
72-54-8	4,4'-DDD	35	P
1031-07-8	Endosulfan sulfate	33	U
50-29-3	4,4'-DDT	530	
72-43-5	Methoxychlor	170	U
53494-70-5	Endrin ketone	33	U
7421-93-4	Endrin aldehyde	33	U
5103-71-9	alpha-Chlordane	17	U
5103-74-2	gamma-Chlordane	17	U
8001-35-2	Toxaphene	1700	U
12674-11-2	Aroclor-1016	330	U
11104-28-2	Aroclor-1221	670	U
11141-16-5	Aroclor-1232	330	U
53469-21-9	Aroclor-1242	330	U
12672-29-6	Aroclor-1248	330	U
11097-69-1	Aroclor-1254	330	U
11096-82-5	Aroclor-1260	330	U



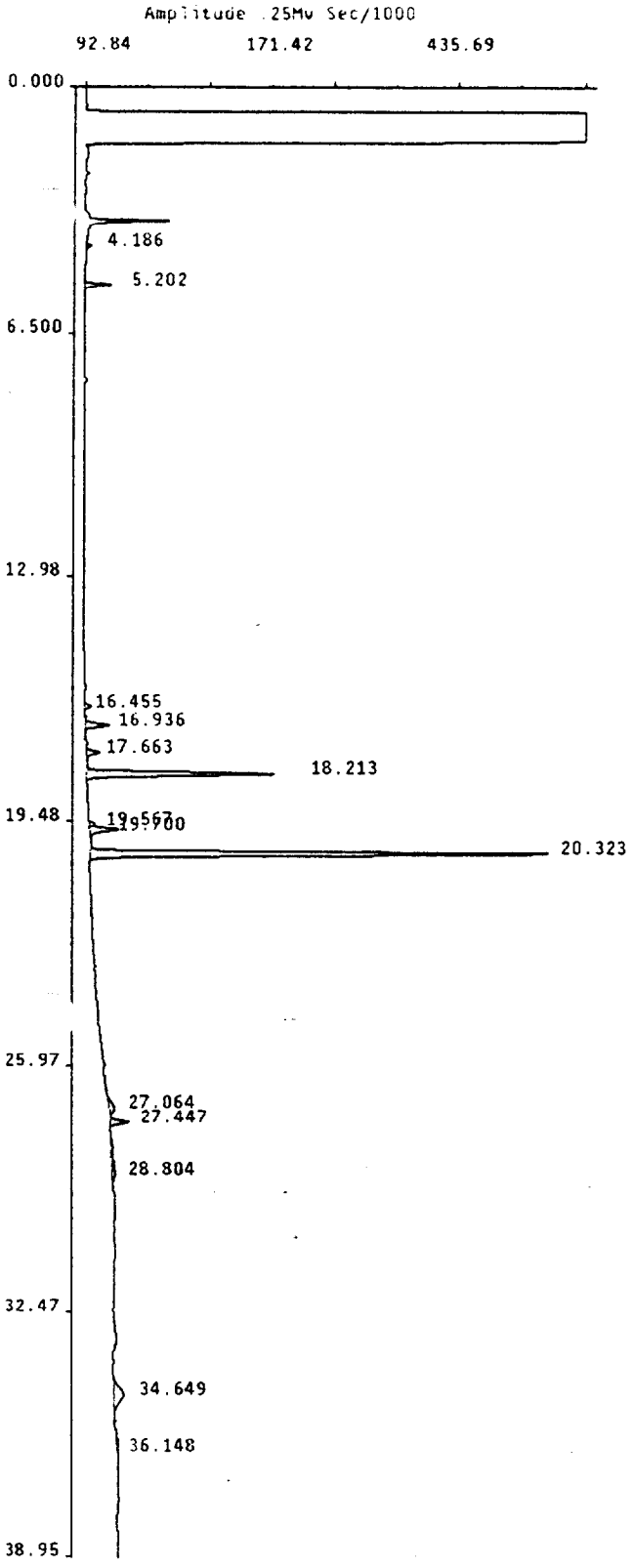
Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC02DL 1:10
Lab Id : 940631-02DL
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL024.RES
Inject Time : 0839 19Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.52	21509	BB	.017	
2	5.98	39666	BB	.032	
3	8.96	12568	BB	.004	TCX
4	22.05	2620	BB	.001	~~4,4'-DDE~~
5	22.41	17013	BB	.006	~~DIELDRIN~~
6	23.21	8203	BB	.007	
7	24.57	154096	BB	.076	4,4'-DDD
8	25.32	7086	BB	.006	
9	25.55	4285	BB	.003	
10	25.85	340552	BB	.157	4,4'-DDT
11	28.59	22327	BB	.018	
12	29.61	8195	BB	.007	
13	33.13	23576	BB	.019	
14	35.63	10626	BB	.009	
15	37.78	17362	BB	.004	DCB

Total Area: 689684

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1106 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC02DL 1:10
Lab Id : 940631-02DL
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL024.RES
Inject Time : 0839 19Jul1994
Run Status : SignalOverload
SpecialInteg

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4371	BB	.000	
2	5.20	21956	BB	.004	TCX
3	16.45	7240	BB	.002	~~4,4'-DDE~~
4	16.94	26729	BB	.006	~~DIELDRIN~~
5	17.66	14983	BB	.004	~~ENDRIN~~
6	18.21	213944	BB	.023	
7	19.57	4045	FF	.000	
8	19.70	36308	FF	.010	4,4'-DDD
9	20.32	518153	BB	.163	4,4'-DDT
10	27.06	13345	BB	.001	
11	27.45	20749	BB	.004	DCB
12	28.80	24458	BB	.003	
13	34.65	47805	BB	.005	
14	36.15	8869	BB	.001	

Total Area: 962957

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1116 19Jul1994

PESTICIDES/PCBS

c. Standards Data

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Instrument ID: AD6 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	12.08	12.08	12.07	12.08	12.03	12.13
beta-BHC	14.21	14.22	14.22	14.22	14.17	14.27
delta-BHC	15.89	15.90	15.90	15.90	15.85	15.95
gamma-BHC (Lindane)	13.88	13.88	13.88	13.88	13.83	13.93
Heptachlor	15.36	15.36	15.36	15.36	15.31	15.41
Aldrin	16.87	16.87	16.87	16.87	16.82	16.92
Heptachlor epoxide	19.44	19.44	19.44	19.44	19.37	19.51
Endosulfan I	21.03	21.03	21.02	21.03	20.96	21.10
Dieldrin	22.41	22.41	22.40	22.41	22.34	22.48
4,4'-DDE	22.06	22.06	22.07	22.06	21.99	22.13
Endrin	24.05	24.05	24.04	24.05	23.98	24.12
Endosulfan II	24.85	24.85	24.86	24.85	24.78	24.92
4,4'-DDD	24.54	24.54	24.52	24.53	24.46	24.60
Endosulfan sulfate	26.84	26.84	26.86	26.85	26.78	26.92
4,4'-DDT	25.86	25.86	25.84	25.85	25.78	25.92
Methoxychlor	29.78	29.77	29.75	29.77	29.70	29.84
Endrin ketone	30.43	30.43	30.45	30.44	30.37	30.51
Endrin aldehyde	26.31	26.30	26.32	26.31	26.24	26.38
alpha Chlordane	20.90	20.90	20.91	20.90	20.83	20.97
gamma Chlordane	20.17	20.17	20.18	20.17	20.10	20.24
Tetrachloro-m-xylene	8.97	8.97	8.96	8.97	8.92	9.02
Decachlorobiphenyl	37.79	37.80	37.76	37.78	37.68	37.88

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Instrument ID: AD7 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	RT OF STANDARDS LOW	RT OF STANDARDS MID	RT OF STANDARDS HIGH	MEAN RT	RT WINDOW FROM	RT WINDOW TO
alpha-BHC	8.34	8.34	8.34	8.34	8.29	8.39
beta-BHC	12.97	12.97	12.97	12.97	12.92	13.02
delta-BHC	13.85	13.86	13.86	13.86	13.81	13.91
gamma-BHC (Lindane)	9.85	9.85	9.84	9.85	9.80	9.90
Heptachlor	10.60	10.60	10.60	10.60	10.55	10.65
Aldrin	11.65	11.65	11.65	11.65	11.60	11.70
Heptachlor epoxide	14.39	14.39	14.39	14.39	14.32	14.46
Endosulfan I	15.43	15.43	15.43	15.43	15.36	15.50
Dieldrin	16.94	16.94	16.94	16.94	16.87	17.01
4,4'-DDE	16.46	16.46	16.46	16.46	16.39	16.53
Endrin	17.73	17.73	17.72	17.73	17.66	17.80
Endosulfan II	19.76	19.76	19.76	19.76	19.69	19.83
4,4'-DDD	19.69	19.69	19.68	19.69	19.62	19.76
Endosulfan sulfate	22.71	22.71	22.72	22.71	22.64	22.78
4,4'-DDT	20.33	20.33	20.32	20.33	20.26	20.40
Methoxychlor	22.91	22.91	22.90	22.91	22.84	22.98
Endrin ketone	24.24	24.25	24.25	24.25	24.18	24.32
Endrin aldehyde	21.46	21.46	21.46	21.46	21.39	21.53
alpha Chlordane	15.96	15.96	15.96	15.96	15.89	16.03
gamma Chlordane	15.74	15.74	15.74	15.74	15.67	15.81
Tetrachloro-m-xylene	5.20	5.20	5.20	5.20	5.15	5.25
Decachlorobiphenyl	27.45	27.45	27.44	27.45	27.35	27.55

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Instrument ID: AD6 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	2050000	1980000	2070000	2030000	2.3
beta-BHC	1860000	1910000	1720000	1830000	5.4
delta-BHC	1760000	1750000	1650000	1720000	3.5
gamma-BHC (Lindane)	2190000	2120000	2230000	2180000	2.6
Heptachlor	3630000	3600000	3570000	3600000	0.8
Aldrin	2990000	3030000	3200000	3070000	3.6
Heptachlor epoxide	3230000	3200000	3020000	3150000	3.6
Endosulfan I	2650000	2560000	2560000	2590000	2.0
Dieldrin	2600000	2670000	3290000	2850000	13.3
4,4'-DDE	2650000	2750000	3280000	2890000	11.7
Endrin	2280000	2340000	2850000	2490000	12.6
Endosulfan II	2030000	1970000	1780000	1930000	6.8
4,4'-DDD	2050000	2030000	2190000	2090000	4.2
Endosulfan sulfate	2500000	2580000	2650000	2580000	2.9
4,4'-DDT	1980000	2170000	2630000	2260000	14.8
Methoxychlor	1380000	1470000	1410000	1420000	3.2
Endrin ketone	1770000	1790000	1600000	1720000	6.1
Endrin aldehyde	1500000	1510000	1370000	1460000	5.4
alpha Chlordane	3910000	3980000	3880000	3920000	1.3
gamma Chlordane	4000000	3960000	3850000	3940000	2.0
Tetrachloro-m-xylene	3520000	3540000	3790000	3620000	4.2
Decachlorobiphenyl	4610000	4370000	4100000	4360000	5.9

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Instrument ID: AD7 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	3680000	3610000	3940000	3740000	4.6
beta-BHC	3110000	3100000	2860000	3020000	4.7
delta-BHC	3000000	3070000	3070000	3050000	1.3
gamma-BHC (Lindane)	3930000	3940000	4250000	4040000	4.5
Heptachlor	5640000	5440000	5410000	5500000	2.3
Aldrin	4780000	5020000	5550000	5120000	7.7
Heptachlor epoxide	4740000	4760000	4520000	4670000	2.8
Endosulfan I	4160000	4110000	4080000	4120000	1.0
Dieldrin	4010000	4200000	5050000	4420000	12.5
4,4'-DDE	4390000	4790000	5610000	4930000	12.6
Endrin	3920000	4130000	4920000	4320000	12.2
Endosulfan II	3350000	3280000	3000000	3210000	5.8
4,4'-DDD	3520000	3480000	3650000	3550000	2.5
Endosulfan sulfate	3970000	4090000	4220000	4090000	3.1
4,4'-DDT	2730000	3180000	3870000	3260000	17.6
Methoxychlor	2040000	2100000	1870000	2000000	6.0
Endrin ketone	2720000	2850000	2510000	2690000	6.4
Endrin aldehyde	1670000	1670000	1560000	1630000	3.9
alpha Chlordane	5180000	5180000	5230000	5200000	0.6
gamma Chlordane	5330000	5310000	5250000	5300000	0.8
Tetrachloro-m-xylene	5840000	5930000	6360000	6040000	4.6
Decachlorobiphenyl	4640000	5510000	5470000	5210000	9.4

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

ab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Instrument ID: AD6 1 Date(s) Analyzed: 07/05/94 07/06/94

GC Column: DB608 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	18.19	18.12	18.26	12500
		*2	21.48	21.41	21.55	19600
		*3	24.20	24.13	24.27	29600
		4	24.50	24.43	24.57	52800
		5	28.54	28.47	28.61	49200
Aroclor 1016	0.100	*1	11.90	11.83	11.97	108000
		*2	13.80	13.73	13.87	269000
		*3	15.14	15.07	15.21	90000
		4	15.45	15.38	15.52	372000
		5	16.19	16.12	16.26	142000
Aroclor 1221	0.200	*1	7.85	7.78	7.92	51400
		*2	10.92	10.85	10.99	50100
		*3	11.60	11.53	11.67	38900
		4	11.90	11.83	11.97	124000
		5	13.73	13.66	13.80	36800
Aroclor 1232	0.100	*1	11.90	11.83	11.97	62700
		*2	13.79	13.72	13.86	59500
		*3	15.45	15.38	15.52	74200
		4				
		5				
Aroclor 12[redacted]	0.100	*1	13.80	13.73	13.87	228000
		*2	15.45	15.38	15.52	310000
		*3	16.19	16.12	16.26	118000
		4	18.37	18.30	18.44	127000
		5	19.81	19.74	19.88	119000
Aroclor 1248	0.100	*1	15.45	15.38	15.52	240000
		*2	18.93	18.86	19.00	51000
		*3	19.52	19.45	19.59	172000
		4	19.80	19.73	19.87	209000
		5	21.06	20.99	21.13	153000
Aroclor 1254	0.100	*1	20.18	20.11	20.25	178000
		*2	20.44	20.37	20.51	212000
		*3	22.77	22.70	22.84	219000
		4	23.27	23.20	23.34	155000
		5	25.83	25.76	25.90	172000
Aroclor 1260	0.100	*1	22.74	22.67	22.81	191000
		*2	23.54	23.47	23.61	382000
		*3	23.90	23.83	23.97	389000
		4	28.11	28.04	28.18	478000
		5	30.30	30.23	30.37	220000

* Denotes required peaks

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Instrument ID: AD7 1 Date(s) Analyzed: 07/05/94 07/06/94

GC Column: DB1701 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	13.58	13.51	13.65	18500
		*2	17.48	17.41	17.55	44300
		*3	19.50	19.43	19.57	111000
		4	21.03	20.96	21.10	56600
		5	22.38	22.31	22.45	86700
Aroclor 1016	0.100	*1	7.22	7.15	7.29	183000
		*2	8.60	8.53	8.67	377000
		*3	10.33	10.26	10.40	605000
		4	11.69	11.62	11.76	479000
		5	12.61	12.54	12.68	293000
Aroclor 1221	0.200	*1	4.17	4.10	4.24	114000
		*2	6.47	6.40	6.54	69000
		*3	7.22	7.15	7.29	220000
		4	9.14	9.07	9.21	34500
		5	10.33	10.26	10.40	33100
Aroclor 1232	0.100	*1	4.18	4.11	4.25	115000
		*2	7.22	7.15	7.29	109000
		*3	8.60	8.53	8.67	74400
		4	10.33	10.26	10.40	123000
		5	11.68	11.61	11.75	91300
Aroclor 1242	0.100	*1	8.60	8.53	8.67	321000
		*2	10.33	10.26	10.40	505000
		*3	11.68	11.61	11.75	400000
		4	12.61	12.54	12.68	248000
		5	14.20	14.13	14.27	377000
Aroclor 1248	0.100	*1	10.33	10.26	10.40	393000
		*2	11.68	11.61	11.75	558000
		*3	12.61	12.54	12.68	334000
		4	14.20	14.13	14.27	646000
		5	16.69	16.62	16.76	120000
Aroclor 1254	0.100	*1	14.17	14.10	14.24	426000
		*2	16.28	16.21	16.35	252000
		*3	16.69	16.62	16.76	348000
		4	17.70	17.63	17.77	261000
		5	19.60	19.53	19.67	362000
Aroclor 1260	0.100	*1	17.29	17.22	17.36	497000
		*2	18.23	18.16	18.30	572000
		*3	20.98	20.91	21.05	323000
		4	22.15	22.08	22.22	751000
		5	25.92	25.85	25.99	156000

* Denotes required peaks

6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

ab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column (1): DB608 ID: 0.53(mm) Instrument ID (1): AD6 1

EPA Sample No. (Standard 1): RESC0A Lab Sample ID (1): RESC0A

Date Analyzed (1): 07/05/94 Time Analyzed (1): 1936

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.98	100.0
02	gamma-Chlordane	20.18	100.0
03	Endosulfan I	21.03	100.0
04	4,4'-DDE	22.07	100.0
05	Dieldrin	22.42	100.0
06	Endosulfan sulfate	26.85	100.0
07	Methoxychlor	29.78	100.0
08	Endrin ketone	30.44	100.0
09	Decachlorobiphenyl	37.80	

GC Column (2): DB1701 ID: 0.53(mm) Instrument ID (2): AD7 1

EPA Sample No. (Standard 2): RESC1A Lab Sample ID (2): RESC1A

Date Analyzed (2): 07/05/94 Time Analyzed (2): 1936

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.19	100.0
02	Endosulfan I	15.42	100.0
03	gamma-Chlordane	15.73	100.0
04	4,4'-DDE	16.45	100.0
05	Dieldrin	16.94	100.0
06	Endosulfan sulfate	22.71	79.0
07	Methoxychlor	22.91	100.0
08	Endrin ketone	24.24	100.0
09	Decachlorobiphenyl	27.45	

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%.

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

ab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK00 Date Analyzed : 07/05/94

Lab Sample ID (PIBLK): PIBLK00 Time Analyzed : 1934

EPA Sample No. (PEM): PEM0A Date Analyzed : 07/05/94

Lab Sample ID (PEM): PEM0A Time Analyzed : 2019

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.009	0.010	10.0
beta-BHC	14.21	14.17	14.27	0.008	0.010	20.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.009	0.010	10.0
Endrin	24.04	23.98	24.12	0.046	0.050	8.0
4,4'-DDT	25.85	25.78	25.92	0.101	0.100	1.0
Methoxychlor	29.76	29.70	29.84	0.225	0.250	10.0

4,4'-DDT % breakdown (1): 4.2 Endrin % breakdown (1): 5.4

Combined % breakdown (1): 9.6

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0A Date Analyzed : 07/06/94

Lab Sample ID (PIBLK): PIBLK0A Time Analyzed : 0920

EPA Sample No. (PEM): PEM0B Date Analyzed : 07/06/94

Lab Sample ID (PEM): PEM0B Time Analyzed : 1003

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.08	12.03	12.13	0.010	0.010	0.0
beta-BHC	14.21	14.17	14.27	0.009	0.010	10.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.010	0.010	0.0
Endrin	24.05	23.98	24.12	0.049	0.050	2.0
4,4'-DDT	25.86	25.78	25.92	0.108	0.100	8.0
Methoxychlor	29.77	29.70	29.84	0.250	0.250	0.0

4,4'-DDT % breakdown (1): 4.5 Endrin % breakdown (1): 7.0

Combined % breakdown (1): 11.5

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0D Date Analyzed : 07/18/94

Lab Sample ID (PIBLK): PIBLK0D Time Analyzed : 1602

EPA Sample No. (PEM): PEM0D Date Analyzed : 07/18/94

Lab Sample ID (PEM): PEM0D Time Analyzed : 1646

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.010	0.010	0.0
beta-BHC	14.20	14.17	14.27	0.008	0.010	20.0
gamma-BHC (Lindane)	13.87	13.83	13.93	0.009	0.010	10.0
Endrin	24.04	23.98	24.12	0.046	0.050	8.0
4,4'-DDT	25.85	25.78	25.92	0.106	0.100	6.0
Methoxychlor	29.76	29.70	29.84	0.240	0.250	4.0

4,4'-DDT % breakdown (1): 3.9 Endrin % breakdown (1): 7.6

Combined % breakdown (1): 11.5

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0F Date Analyzed : 07/19/94

Lab Sample ID (PIBLK): PIBLK0F Time Analyzed : 1133

EPA Sample No. (PEM): PEM0E Date Analyzed : 07/19/94

Lab Sample ID (PEM): PEM0E Time Analyzed : 1216

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.011	0.010	10.0
beta-BHC	14.20	14.17	14.27	0.009	0.010	10.0
gamma-BHC (Lindane)	13.87	13.83	13.93	0.011	0.010	10.0
Endrin	24.04	23.98	24.12	0.048	0.050	4.0
4,4'-DDT	25.85	25.78	25.92	0.113	0.100	13.0
Methoxychlor	29.76	29.70	29.84	0.267	0.250	6.8

4,4'-DDT % breakdown (1): 4.6 Endrin % breakdown (1): 9.6

Combined % breakdown (1): 14.2

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

ab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK10 Date Analyzed : 07/05/94

Lab Sample ID (PIBLK): PIBLK10 Time Analyzed : 1934

EPA Sample No. (PEM): PEM1A Date Analyzed : 07/05/94

Lab Sample ID (PEM): PEM1A Time Analyzed : 2019

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.009	0.010	10.0
beta-BHC	12.97	12.92	13.02	0.008	0.010	20.0
gamma-BHC (Lindane)	9.84	9.80	9.90	0.009	0.010	10.0
Endrin	17.72	17.66	17.80	0.047	0.050	6.0
4,4'-DDT	20.32	20.26	20.40	0.103	0.100	3.0
Methoxychlor	22.90	22.84	22.98	0.226	0.250	9.6

4,4'-DDT % breakdown (1): 4.7 Endrin % breakdown (1): 2.2

Combined % breakdown (1): 6.9

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

ab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1A Date Analyzed : 07/06/94

Lab Sample ID (PIBLK): PIBLK1A Time Analyzed : 0920

EPA Sample No. (PEM): PEM1B Date Analyzed : 07/06/94

Lab Sample ID (PEM): PEM1B Time Analyzed : 1003

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.010	0.010	0.0
beta-BHC	12.97	12.92	13.02	0.009	0.010	10.0
gamma-BHC (Lindane)	9.85	9.80	9.90	0.010	0.010	0.0
Endrin	17.72	17.66	17.80	0.049	0.050	2.0
4,4'-DDT	20.33	20.26	20.40	0.110	0.100	10.0
Methoxychlor	22.90	22.84	22.98	0.249	0.250	0.4

4,4'-DDT % breakdown (1): 4.9 Endrin % breakdown (1): 3.4

Combined % breakdown (1): 8.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1D Date Analyzed : 07/18/94

Lab Sample ID (PIBLK): PIBLK1D Time Analyzed : 1602

EPA Sample No. (PEM): PEM1D Date Analyzed : 07/18/94

Lab Sample ID (PEM): PEM1D Time Analyzed : 1646

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.33	8.29	8.39	0.009	0.010	10.0
beta-BHC	12.96	12.92	13.02	0.008	0.010	20.0
gamma-BHC (Lindane)	9.84	9.80	9.90	0.009	0.010	10.0
Endrin	17.71	17.66	17.80	0.046	0.050	8.0
4,4'-DDT	20.32	20.26	20.40	0.110	0.100	10.0
Methoxychlor	22.90	22.84	22.98	0.244	0.250	2.4

4,4'-DDT % breakdown (1): 4.4 Endrin % breakdown (1): 4.2

Combined % breakdown (1): 8.6

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1F Date Analyzed : 07/19/94

Lab Sample ID (PIBLK): PIBLK1F Time Analyzed : 1133

EPA Sample No. (PEM): PEM1E Date Analyzed : 07/19/94

Lab Sample ID (PEM): PEM1E Time Analyzed : 1216

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.33	8.29	8.39	0.011	0.010	10.0
beta-BHC	12.96	12.92	13.02	0.009	0.010	10.0
gamma-BHC (Lindane)	9.84	9.80	9.90	0.010	0.010	0.0
Endrin	17.71	17.66	17.80	0.049	0.050	2.0
4,4'-DDT	20.32	20.26	20.40	0.115	0.100	15.0
Methoxychlor	22.90	22.84	22.98	0.269	0.250	7.6

4,4'-DDT % breakdown (1): 5.3 Endrin % breakdown (1): 6.4

Combined % breakdown (1): 11.7

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0E Date Analyzed : 07/19/94

Lab Sample ID (PIBLK): PIBLK0E Time Analyzed : 0126

EPA Sample No. (INDA): INDAM0C Date Analyzed : 07/19/94

Lab Sample ID (INDA): INDAM0C Time Analyzed : 0210

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.0224	0.0200	12.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.0221	0.0200	10.5
Heptachlor	15.36	15.31	15.41	0.0210	0.0200	5.0
Endosulfan I	21.02	20.96	21.10	0.0211	0.0200	5.5
Dieldrin	22.41	22.34	22.48	0.0411	0.0400	2.8
Endrin	24.05	23.98	24.12	0.0410	0.0400	2.5
4,4'-DDD	24.53	24.46	24.60	0.0417	0.0400	4.2
4,4'-DDT	25.86	25.78	25.92	0.0428	0.0400	7.0
Methoxychlor	29.77	29.70	29.84	0.216	0.200	8.0
Tetrachloro-m-xylene	8.97	8.92	9.02	0.0205	0.0200	2.5
Decachlorobiphenyl	37.79	37.68	37.88	0.0361	0.0400	9.8

EPA Sample No. (INDB): INDBM0C Date Analyzed : 07/19/94

Lab Sample ID (INDB): INDBM0C Time Analyzed : 0253

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.21	14.17	14.27	0.0230	0.0200	15.0
delta-BHC	15.89	15.85	15.95	0.0237	0.0200	18.5
Aldrin	16.86	16.82	16.92	0.0213	0.0200	6.5
Heptachlor epoxide	19.44	19.37	19.51	0.0216	0.0200	8.0
4,4'-DDE	22.06	21.99	22.13	0.0439	0.0400	9.8
Endosulfan II	24.85	24.78	24.92	0.0445	0.0400	11.2
Endosulfan sulfate	26.84	26.78	26.92	0.0440	0.0400	10.0
Endrin ketone	30.43	30.37	30.51	0.0475	0.0400	18.8
Endrin aldehyde	26.30	26.24	26.38	0.0415	0.0400	3.8
alpha-Chlordane	20.90	20.83	20.97	0.0213	0.0200	6.5
gamma-Chlordane	20.17	20.10	20.24	0.0212	0.0200	6.0
Tetrachloro-m-xylene	8.96	8.92	9.02	0.0231	0.0200	15.5
Decachlorobiphenyl	37.79	37.68	37.88	0.0429	0.0400	7.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1E Date Analyzed : 07/19/94

Lab Sample ID (PIBLK): PIBLK1E Time Analyzed : 0126

EPA Sample No. (INDA): INDAM1C Date Analyzed : 07/19/94

Lab Sample ID (INDA): INDAM1C Time Analyzed : 0210

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.0218	0.0200	9.0
gamma-BHC (Lindane)	9.84	9.80	9.90	0.0218	0.0200	9.0
Heptachlor	10.60	10.55	10.65	0.0212	0.0200	6.0
Endosulfan I	15.43	15.36	15.50	0.0211	0.0200	5.5
Dieldrin	16.94	16.87	17.01	0.0415	0.0400	3.8
Endrin	17.72	17.66	17.80	0.0413	0.0400	3.2
4,4'-DDD	19.69	19.62	19.76	0.0398	0.0400	0.5
4,4'-DDT	20.33	20.26	20.40	0.0432	0.0400	8.0
Methoxychlor	22.90	22.84	22.98	0.222	0.200	11.0
Tetrachloro-m-xylene	5.20	5.15	5.25	0.0200	0.0200	0.0
Decachlorobiphenyl	27.45	27.35	27.55	0.0378	0.0400	5.5

EPA Sample No. (INDB): INDBM1C Date Analyzed : 07/19/94

Lab Sample ID (INDB): INDBM1C Time Analyzed : 0253

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	12.96	12.92	13.02	0.0222	0.0200	11.0
delta-BHC	13.85	13.81	13.91	0.0236	0.0200	18.0
Aldrin	11.64	11.60	11.70	0.0212	0.0200	6.0
Heptachlor epoxide	14.39	14.32	14.46	0.0218	0.0200	9.0
4,4'-DDE	16.45	16.39	16.53	0.0429	0.0400	7.2
Endosulfan II	19.75	19.69	19.83	0.0458	0.0400	14.5
Endosulfan sulfate	22.71	22.64	22.78	0.0440	0.0400	10.0
Endrin ketone	24.24	24.18	24.32	0.0485	0.0400	21.2
Endrin aldehyde	21.45	21.39	21.53	0.0416	0.0400	4.0
alpha-Chlordane	15.96	15.89	16.03	0.0219	0.0200	9.5
gamma-Chlordane	15.73	15.67	15.81	0.0217	0.0200	8.5
Tetrachloro-m-xylene	5.20	5.15	5.25	0.0226	0.0200	13.0
Decachlorobiphenyl	27.45	27.35	27.55	0.0424	0.0400	6.0

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

L. Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD6 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.97 DCB: 37.78

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK00	PIBLK00	07/05/94	1934	8.97		37.79	
02	RESC0A	RESC0A	07/05/94	1936	8.98		37.80	
03	PEM0A	PEM0A	07/05/94	2019	8.96		37.78	
04	AR16600A	AR16600A	07/05/94	2103	8.97		37.78	
05	AR12210A	AR12210A	07/05/94	2146	8.96		37.78	
06	AR12320A	AR12320A	07/05/94	2230	8.96		37.78	
07	AR12420A	AR12420A	07/05/94	2313	8.96		37.78	
08	AR12480A	AR12480A	07/05/94	2356	8.96		37.79	
09	AR12540A	AR12540A	07/06/94	0040	8.97		37.79	
10	TOXAPH0A	TOXAPH0A	07/06/94	0123	8.97		37.80	
11	INDAL0A	INDAL0A	07/06/94	0206	8.97		37.79	
12	INDBL0A	INDBL0A	07/06/94	0250	8.97		37.80	
13	INDAM0A	INDAM0A	07/06/94	0500	8.97		37.80	
14	INDBM0A	INDBM0A	07/06/94	0543	8.97		37.80	
15	INDAH0A	INDAH0A	07/06/94	0753	8.96		37.76	
16	INDBH0A	INDBH0A	07/06/94	0837	8.97		37.84	
17	PIBLK0A	PIBLK0A	07/06/94	0920	8.98		37.80	
18	PEM0B	PEM0B	07/06/94	1003	8.97		37.78	
19	PIBLK0D	PIBLK0D	07/18/94	1602	8.97		37.78	
20	PEM0D	PEM0D	07/18/94	1646	8.96		37.78	
21	PIBLK0E	PIBLK0E	07/19/94	0126	8.97		37.79	
22	INDAM0C	INDAM0C	07/19/94	0210	8.97		37.79	
23	INDBM0C	INDBM0C	07/19/94	0253	8.96		37.79	
24	PBLK01	P0718-B1	07/19/94	0336	8.96		37.79	
25	CLJWC01	940631-01	07/19/94	0420	8.97		37.80	
26	CLJWC01DL	940631-01DL	07/19/94	0503	8.97		37.79	
27	CLJWC01MS	940631-01MS	07/19/94	0630	8.97		37.79	
28	CLJWC01MSD	940631-01MSD	07/19/94	0713	8.97		37.79	
29	CLJWC02	940631-02	07/19/94	0756	8.96		37.79	
30	CLJWC02DL	940631-02DL	07/19/94	0839	8.96		37.78	
31	PIBLK0F	PIBLK0F	07/19/94	1133	8.96		37.76	
32	PEM0E	PEM0E	07/19/94	1216	8.96		37.78	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

66

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

L. Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD7 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.20 DCB: 27.45

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK10	PIBLK10	07/05/94	1934	5.21		27.45	
02	RESC1A	RESC1A	07/05/94	1936	5.19		27.45	
03	PEM1A	PEM1A	07/05/94	2019	5.20		27.44	
04	AR16601A	AR16601A	07/05/94	2103	5.20		27.44	
05	AR12211A	AR12211A	07/05/94	2146	5.20		27.44	
06	AR12321A	AR12321A	07/05/94	2230	5.20		27.44	
07	AR12421A	AR12421A	07/05/94	2313	5.20		27.44	
08	AR12481A	AR12481A	07/05/94	2356	5.20		27.45	
09	AR12541A	AR12541A	07/06/94	0040	5.20		27.45	
10	TOXAPH1A	TOXAPH1A	07/06/94	0123	5.20		27.45	
11	INDAL1A	INDAL1A	07/06/94	0206	5.20		27.45	
12	INDBL1A	INDBL1A	07/06/94	0250	5.20		27.45	
13	INDAM1A	INDAM1A	07/06/94	0500	5.20		27.45	
14	INDBM1A	INDBM1A	07/06/94	0543	5.20		27.45	
15	INDAH1A	INDAH1A	07/06/94	0753	5.20		27.44	
16	INDBH1A	INDBH1A	07/06/94	0837	5.20		27.46	
17	PIBLK1A	PIBLK1A	07/06/94	0920	5.21		27.45	
18	PEM1B	PEM1B	07/06/94	1003	5.20		27.45	
19	PIBLK1D	PIBLK1D	07/18/94	1602	5.19		27.44	
20	PEM1D	PEM1D	07/18/94	1646	5.20		27.44	
21	PIBLK1E	PIBLK1E	07/19/94	0126	5.20		27.45	
22	INDAM1C	INDAM1C	07/19/94	0210	5.20		27.45	
23	INDBM1C	INDBM1C	07/19/94	0253	5.20		27.45	
24	PBLK01	P0718-B1	07/19/94	0336	5.20		27.45	
25	CLJWC01	940631-01	07/19/94	0420	5.20		27.45	
26	CLJWC01DL	940631-01DL	07/19/94	0503	5.20		27.45	
27	CLJWC01MS	940631-01MS	07/19/94	0630	5.20		27.45	
28	CLJWC01MSD	940631-01MSD	07/19/94	0713	5.20		27.45	
29	CLJWC02	940631-02	07/19/94	0756	5.20		27.45	
30	CLJWC02DL	940631-02DL	07/19/94	0839	5.20		27.45	
31	PIBLK1F	PIBLK1F	07/19/94	1133	5.20		27.44	
32	PEM1E	PEM1E	07/19/94	1216	5.20		27.44	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk
* Values outside of QC limits.

9A

PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Florisil Cartridge Lot Number: L10793 Date of Analysis: 01/17/94

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): _____ ID: ____(mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
alpha-BHC	0.010	0.00924	92		80-110
gamma-BHC (Lindane)	0.010	0.00907	91		80-110
Heptachlor	0.010	0.00935	94		80-110
Endosulfan I	0.010	0.00994	99		80-100
Dieldrin	0.020	0.0181	90		80-100
Endrin	0.020	0.0187	94		80-100
4,4'-DDD	0.020	0.0180	90		80-100
4,4'-DDT	0.020	0.0190	95		80-100
Methoxychlor	0.100	0.0978	98		80-100
Tetrachloro-m-xylene	0.010	0.00853	85		80-120
Decachlorobiphenyl	0.020	0.0186	93		80-120

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits

THIS CARTRIDGE LOT APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK01	P0718-B1	07/19/94	07/19/94
02	CLJWC01	940631-01	07/19/94	07/19/94
03	CLJWC01DL	940631-01DL	07/19/94	07/19/94
04	CLJWC02	940631-02	07/19/94	07/19/94
05	CLJWC02DL	940631-02DL	07/19/94	07/19/94
06	CLJWC01MS	940631-01MS	07/19/94	07/19/94
07	CLJWC01MSD	940631-01MSD	07/19/94	07/19/94

9B

PESTICIDE GPC CALIBRATION

Lab Name: CEIMIC CORP Contract: OHM

L Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

GPC Column: CC0714-CK1 Calibration Date: 07/17/94

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

COMPOUND	SPIKE ADDED (ng)	SPIKE RECOVERED (ng)	% REC	#	QC LIMITS
gamma-BHC (Lindane)	0.050	0.0428	86		80-110
Heptachlor	0.050	0.0409	82		80-110
Aldrin	0.050	0.0401	80		80-110
Dieldrin	0.100	0.0974	97		80-110
Endrin	0.100	0.0959	96		80-110
4,4'-DDT	0.100	0.103	103		80-110

Column to be used to flag recovery with an asterisk.
* Values outside of QC limits

THIS GPC CALIBRATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK01	P0718-B1	07/19/94	07/19/94
02	CLJWC01	940631-01	07/19/94	07/19/94
03	CLJWC01DL	940631-01DL	07/19/94	07/19/94
04	CLJWC02	940631-02	07/19/94	07/19/94
05	CLJWC02DL	940631-02DL	07/19/94	07/19/94
06	CLJWC01MS	940631-01MS	07/19/94	07/19/94
07	CLJWC01MSD	940631-01MSD	07/19/94	07/19/94

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJWC01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID : 940631-01 Dates(s) Analyzed: 07/19/94 07/19/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Dieldrin	1	22.41	22.34	22.48	8.49	
	2	16.94	16.87	17.01	7.42	14.4
4,4'-DDE	1	22.06	21.99	22.13	33.8	
	2	16.46	16.39	16.53	28.8	17.4
4,4'-DDD	1	24.57	24.46	24.60	98.0	
	2	19.69	19.62	19.76	33.4	193.4
4,4'-DDT	1	25.86	25.78	25.92	286	
	2	20.33	20.26	20.40	258	10.8

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.
CLJWC01DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID : 940631-01DL Dates(s) Analyzed: 07/19/94 07/19/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	24.57	24.46	24.60	97.2	
	2	19.69	19.62	19.76	41.2	135.9
4,4'-DDT	1	25.86	25.78	25.92	234	
	2	20.33	20.26	20.40	224	4.5

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJWC02

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID : 940631-02 Dates(s) Analyzed: 07/19/94 07/19/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Dieldrin	1	22.41	22.34	22.48	21.8	
	2	16.94	16.87	17.01	22.1	1.4
4,4'-DDE	1	22.05	21.99	22.13	6.24	
	2	16.45	16.39	16.53	4.72	32.2
4,4'-DDD	1	24.57	24.46	24.60	254	
	2	19.70	19.62	19.76	18.5	999.9
4,4'-DDT	1	25.85	25.78	25.92	606	
	2	20.33	20.26	20.40	585	3.6

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJWC02DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID : 940631-02DL Dates(s) Analyzed: 07/19/94 07/19/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	24.57	24.46	24.60	255	
	2	19.70	19.62	19.76	35.0	628.6
4,4'-DDT	1	25.85	25.78	25.92	527	
	2	20.32	20.26	20.40	547	3.8

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJWC01MS

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID : 940631-01MS Dates(s) Analyzed: 07/19/94 07/19/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	13.88	13.83	13.93	15.9	
	2	9.84	9.80	9.90	14.8	7.4
Heptachlor	1	15.36	15.31	15.41	16.1	
	2	10.60	10.55	10.65	15.2	5.9
Aldrin	1	16.87	16.82	16.92	14.4	
	2	11.65	11.60	11.70	13.8	4.3
Dieldrin	1	22.41	22.34	22.48	43.4	
	2	16.94	16.87	17.01	40.0	8.5
4,4'-DDE	1	22.06	21.99	22.13	15.3	
	2	16.45	16.39	16.53	13.3	15.0
Endrin	1	24.05	23.98	24.12	32.4	
	2	17.72	17.66	17.80	41.4	27.8
4,4'-DDD	1	24.57	24.46	24.60	108	
	2	19.69	19.62	19.76	17.2	527.9
4,4'-DDT	1	25.86	25.78	25.92	229	
	2	20.33	20.26	20.40	211	8.5

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJWC01MSD

Lab Name: CEIMIC CORP Contract: OHM

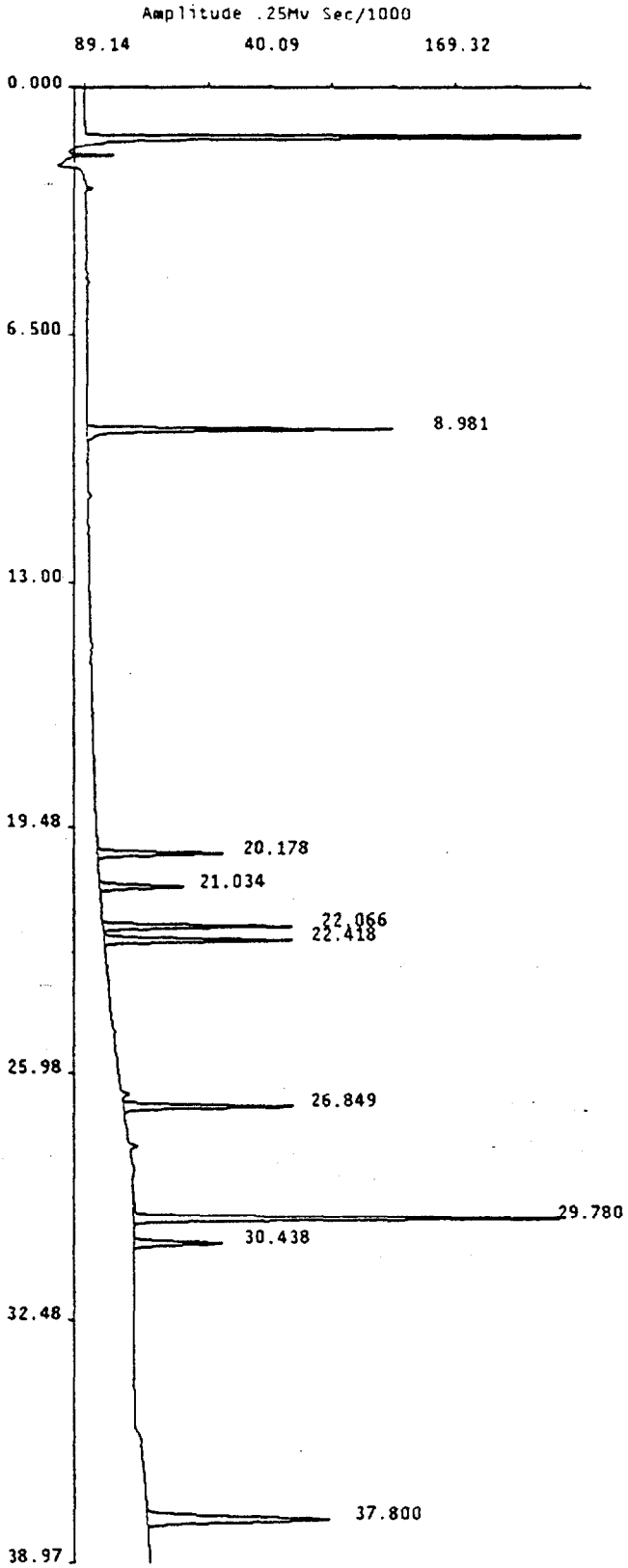
Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Lab Sample ID : 940631-01MSD Dates(s) Analyzed: 07/19/94 07/19/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-BHC (Lindane)	1	13.88	13.83	13.93	13.9	
	2	9.85	9.80	9.90	11.6	19.8
Heptachlor	1	15.36	15.31	15.41	14.0	
	2	10.60	10.55	10.65	12.4	12.9
Aldrin	1	16.87	16.82	16.92	12.3	
	2	11.65	11.60	11.70	12.0	2.5
Dieldrin	1	22.41	22.34	22.48	36.5	
	2	16.94	16.87	17.01	34.1	7.0
4,4'-DDE	1	22.05	21.99	22.13	53.0	
	2	16.46	16.39	16.53	46.9	13.0
Endrin	1	24.05	23.98	24.12	26.5	
	2	17.71	17.66	17.80	42.3	59.6
4,4'-DDD	1	24.57	24.46	24.60	174	
	2	19.69	19.62	19.76	33.4	421.0
4,4'-DDT	1	25.86	25.78	25.92	400	
	2	20.33	20.26	20.40	373	7.2



Ceimic Corporation Pest/PCB Report

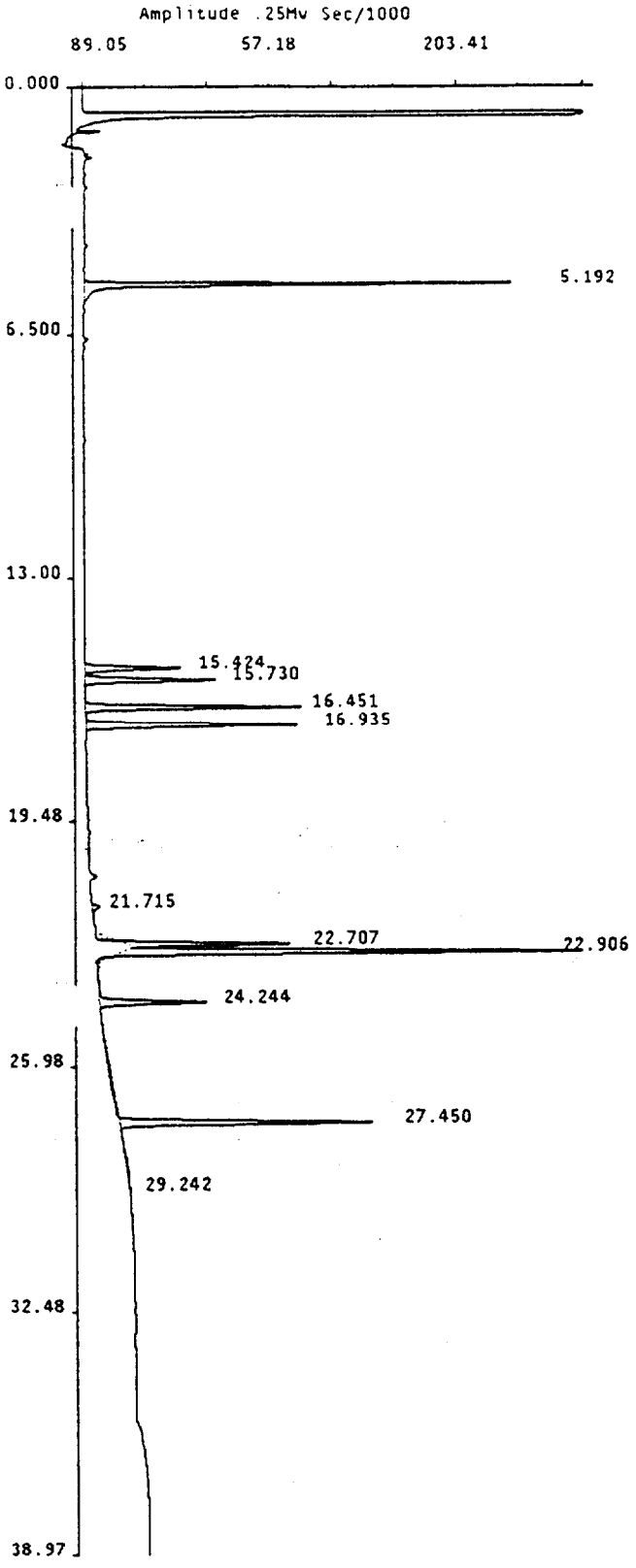
Sample Name : RESCOA
Lab Id : RESCOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL001.RES
Inject Time : 1936 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.98	69258	BB	.020	TCX
2	20.18	33055	BB	.008	G. CHLORDANE
3	21.03	22508	BB	.009	ENDOSULF. I
4	22.07	46690	BB	.017	4,4'-DDE
5	22.42	49971	BB	.019	DIELDRIN
6	26.85	44559	BB	.017	ENDO. SULFAT
7	29.78	123720	BB	.084	METHOXYCHLOR
8	30.44	26642	BB	.015	ENDRIN KETON
9	37.80	80129	BB	.018	DCB

Total Area:		496532			

Method File: /DATA/METHOD/INDAB06.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1011 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : RESC1A
Lab Id : RESC1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL001.RES
Inject Time : 1936 05Jul1994
Run Status : RunStatusOK

7-6-94

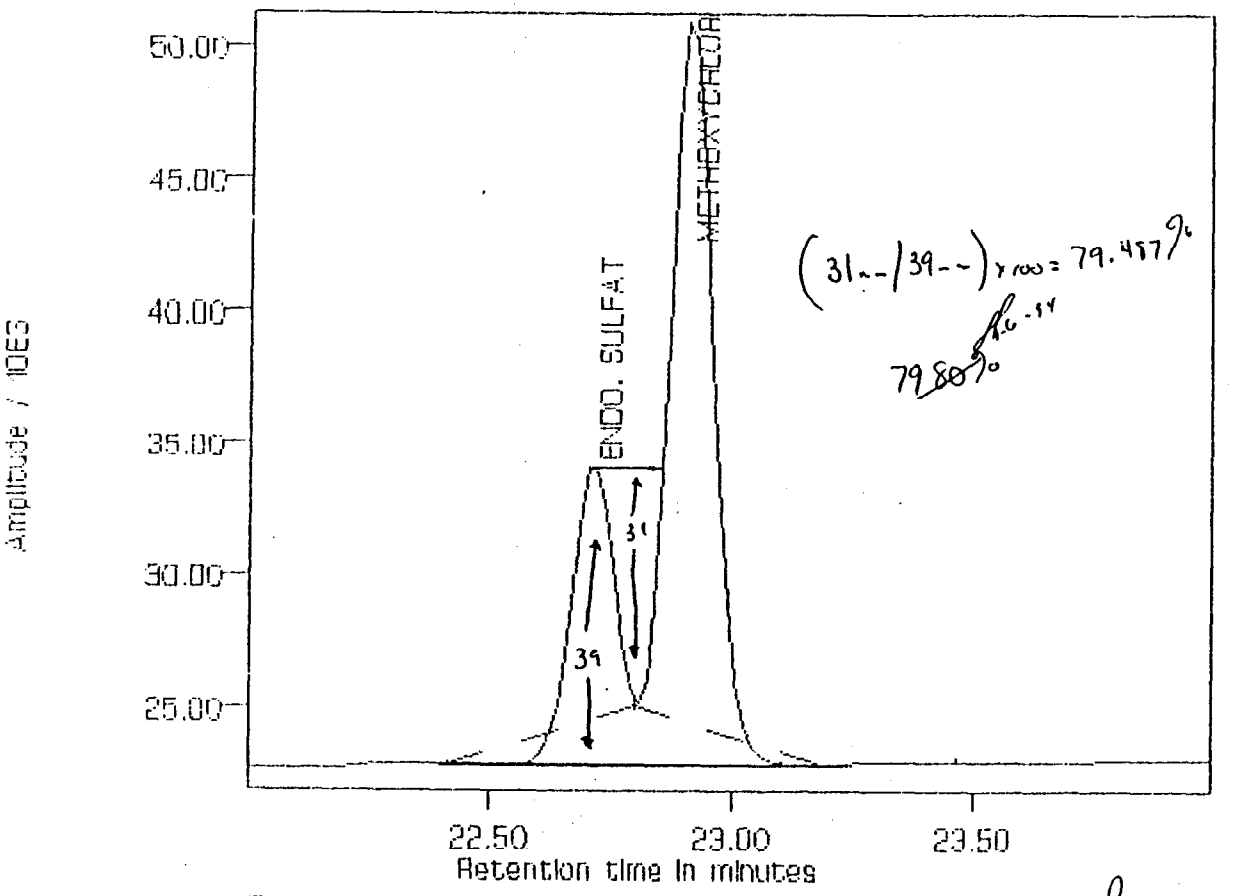
Pk #	RT	Area	Code	MASSng	Name
1	5.19	117023	BB	.020	TCX
2	15.42	35448	BB	.009	ENDOSULF. I
3	15.73	48695	BB	.009	G. CHLORDANE
4	16.45	80694	BB	.017	4,4'-DDE
5	16.94	78502	BB	.019	DIELDRIN
6	21.72	3323	BB	.000	
7	22.71	45628	BB	.011	ENDO. SULFAT
8	22.91	155122	BB	.074	METHOXYCHLOR
9	24.24	41613	BB	.015	ENDRIN KETON
10	27.45	85452	BB	.016	DCB
11	29.24	5340	BB	.001	

Total Area: 696841

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1129 06Jul1994

Resc1A

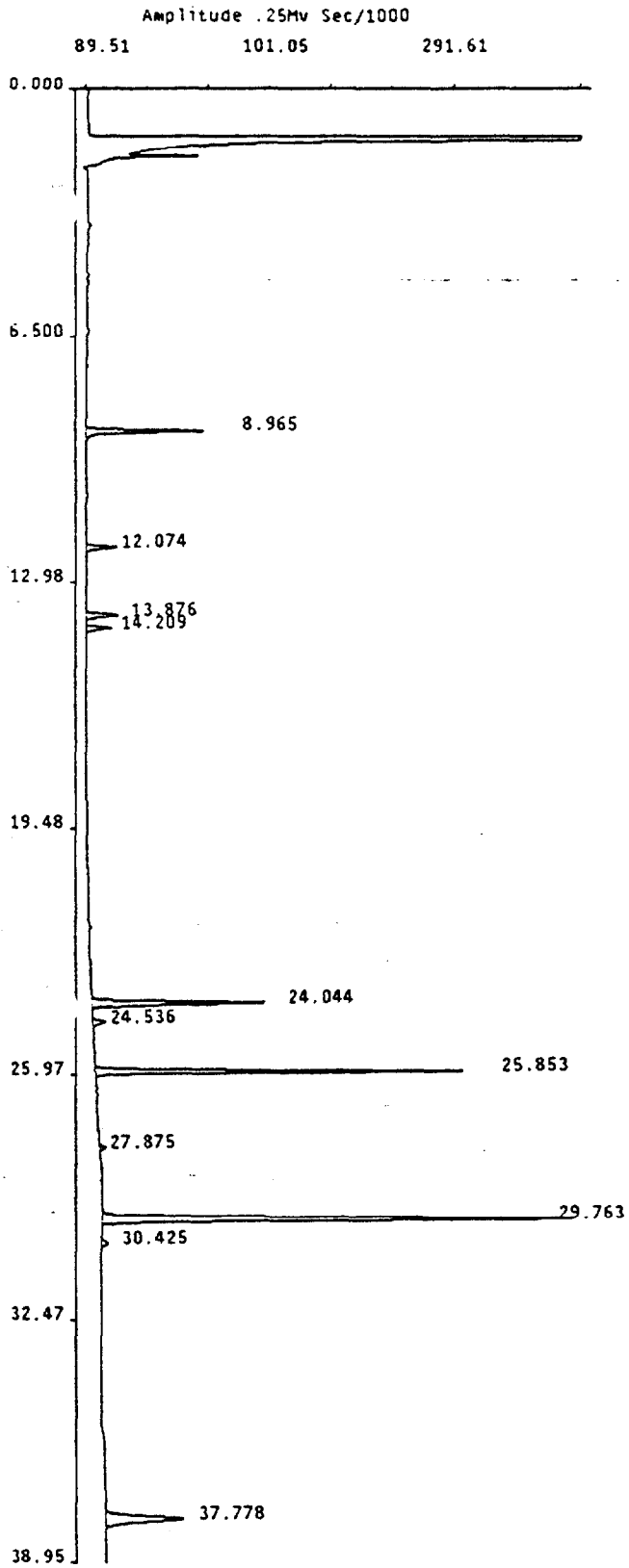
Sample : Injected : TUE JUL 5, 1994 7:36:33 PM



(31--/39--) x 100 = 79.487%

79.80% 7-6-94

Result : 07P05JUL001 Method : SYSMETH07 7-6-94



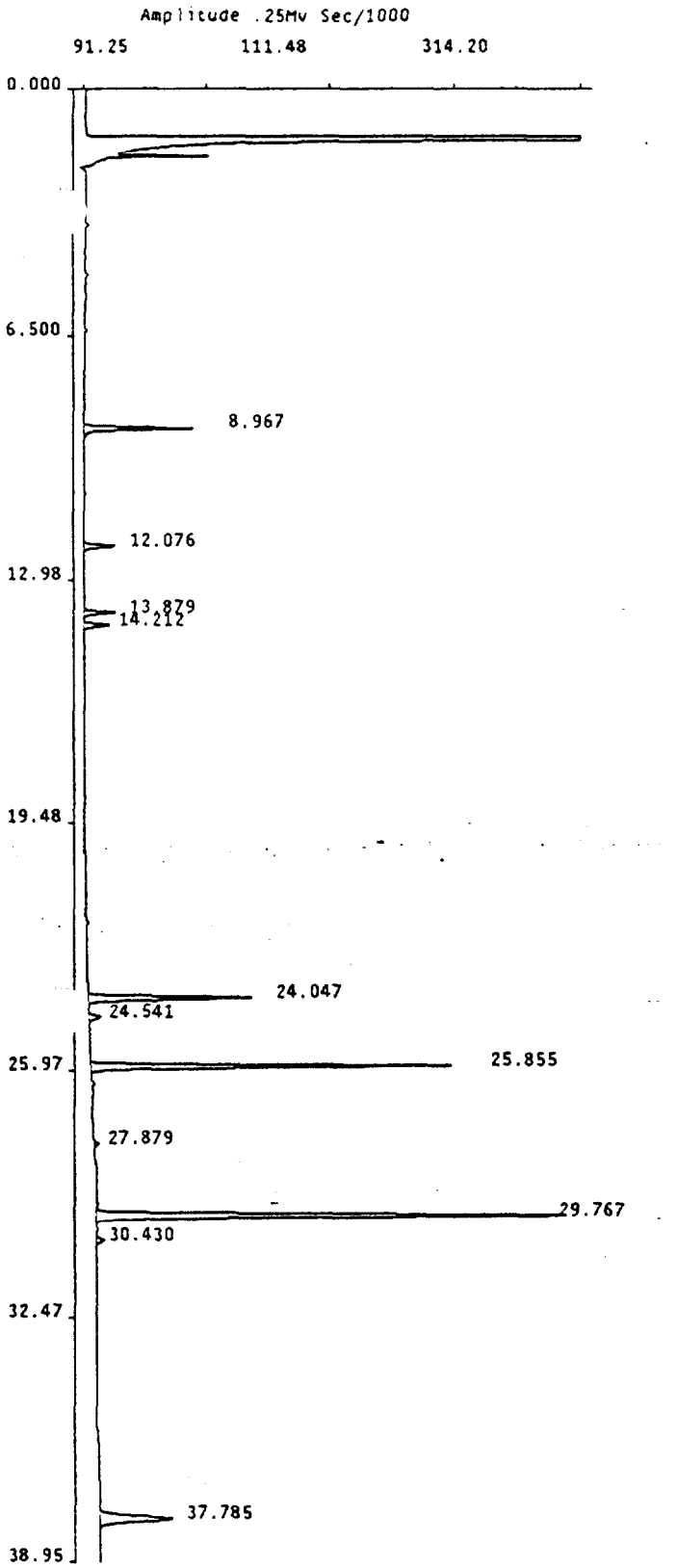
Ceimic Corporation Pest/PCB Report

Sample Name : PEM0A
Lab Id : PEM0A .I
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL002.RES
Inject Time : 2019 05Jul1994
Run Status : RunStatusOK
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	67110	BB	.019	TCX
2	12.07	18578	BB	.009	ALPHA-BHC
3	13.88	19214	BB	.009	GAMMA-BHC
4	14.21	14974	BB	.008	BETA-BHC
5	24.04	108745	BB	.046	ENDRIN
6	24.54	8613	BB	.004	4,4'-DDD
7	25.85	218874	BB	.101	4,4'-DDT
8	27.87	3437	BB	.003	
9	29.76	331267	BB	.226	METHOXYCHLOR
10	30.42	4842	BB	.003	ENDRIN KETON
11	37.78	87098	BB	.020	DCB
Total Area:		882752			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1010 06Jul1994



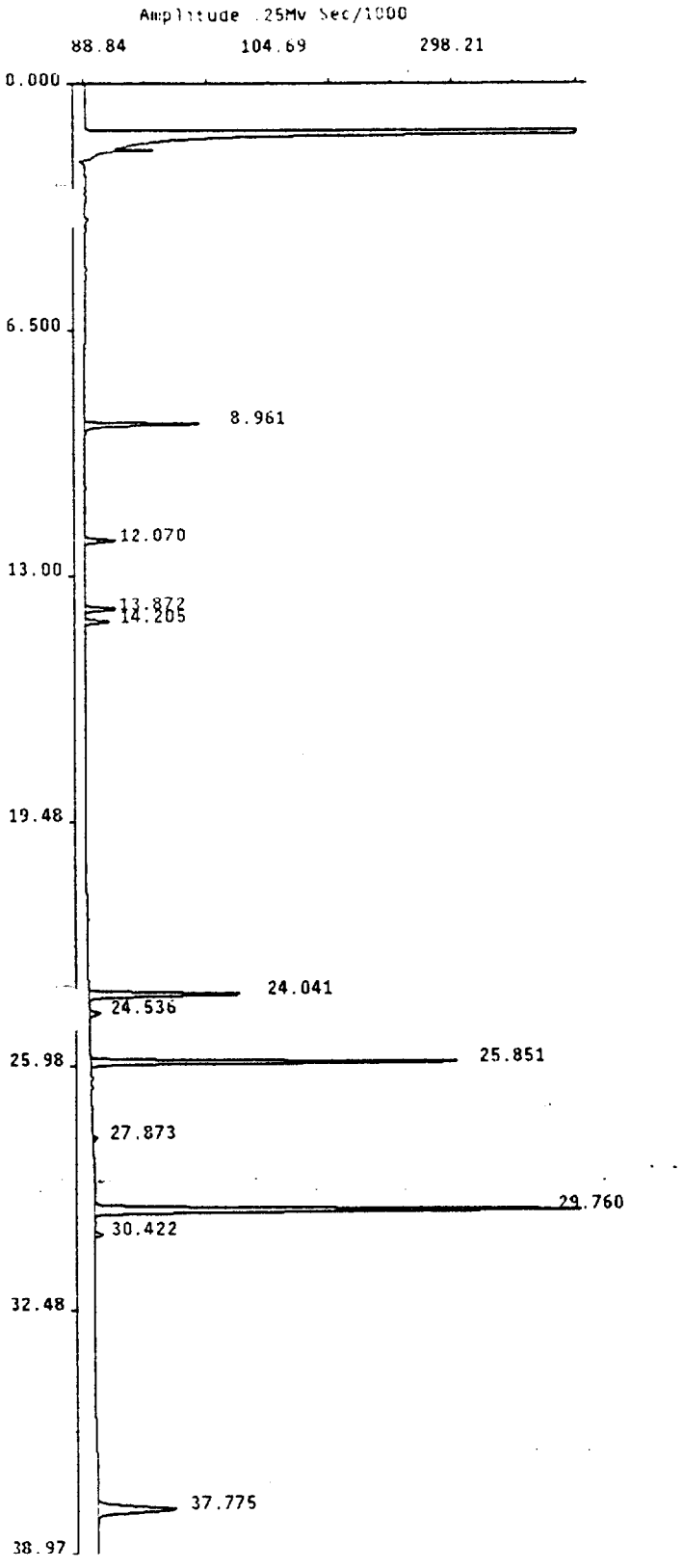
Ceimic Corporation Pest/PCB Report

Sample Name : PEM08
Lab Id : PEM08 ,I
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL021.RES
Inject Time : 1003 06Jul1994
Run Status : RunStatusOK
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	68051	BB	.019	TCX
2	12.08	20652	BB	.010	ALPHA-BHC
3	13.88	21449	BB	.010	GAMMA-BHC
4	14.21	16579	BB	.009	BETA-BHC
5	24.05	115560	BB	.049	ENDRIN
6	24.54	9166	BB	.005	4,4'-DDD
7	25.86	233841	BB	.108	4,4'-DDT
8	27.88	2841	BB	.002	
9	29.77	367481	BB	.251	METHOXYCHLOR
10	30.43	6236	BB	.003	ENDRIN KETON
11	37.79	90853	BB	.021	DCB
Total Area:		952709			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1052 06Jul1994



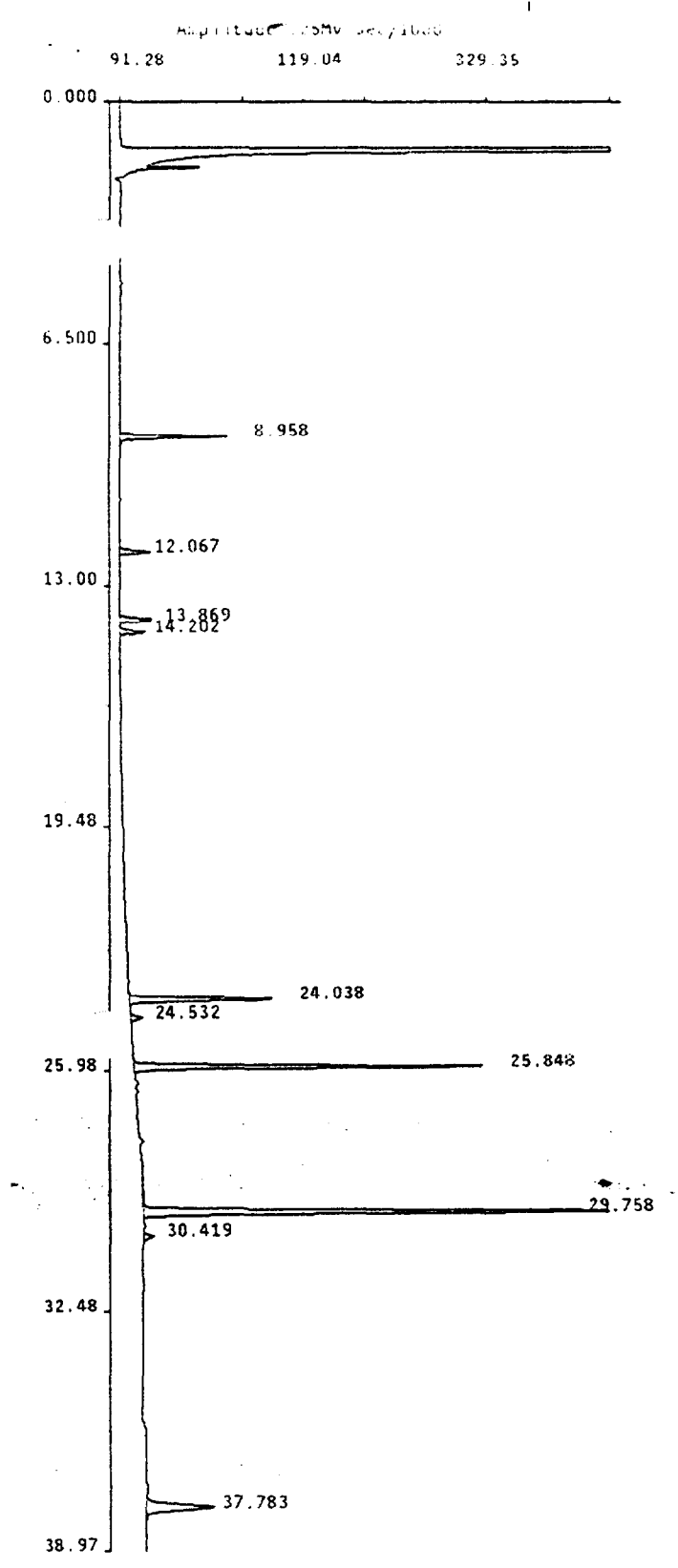
Ceimic Corporation Pest/PCB Report

Sample Name : PEMOD
Lab Id : PEMOD
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL002.RES
Inject Time : 1646 18Jul1994
Run Status : RunStatusOK
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	8.96	65833	BB	.019	TCX
2	12.07	18988	BB	.010	ALPHA-BHC
3	13.87	19659	BB	.009	GAMMA-BHC
4	14.21	15114	BB	.008	BETA-BHC
5	24.04	107813	BB	.046	ENDRIN
6	24.54	7999	BB	.004	4,4'-DDD
7	25.85	230253	BB	.106	4,4'-DDT
8	27.87	3095	BB	.002	
9	29.76	353249	BB	.241	METHOXYCHLOR
10	30.42	6849	BB	.004	ENDRIN KETON
11	37.78	90693	BB	.021	DCB
Total Area:		919546			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0914 19Jul1994



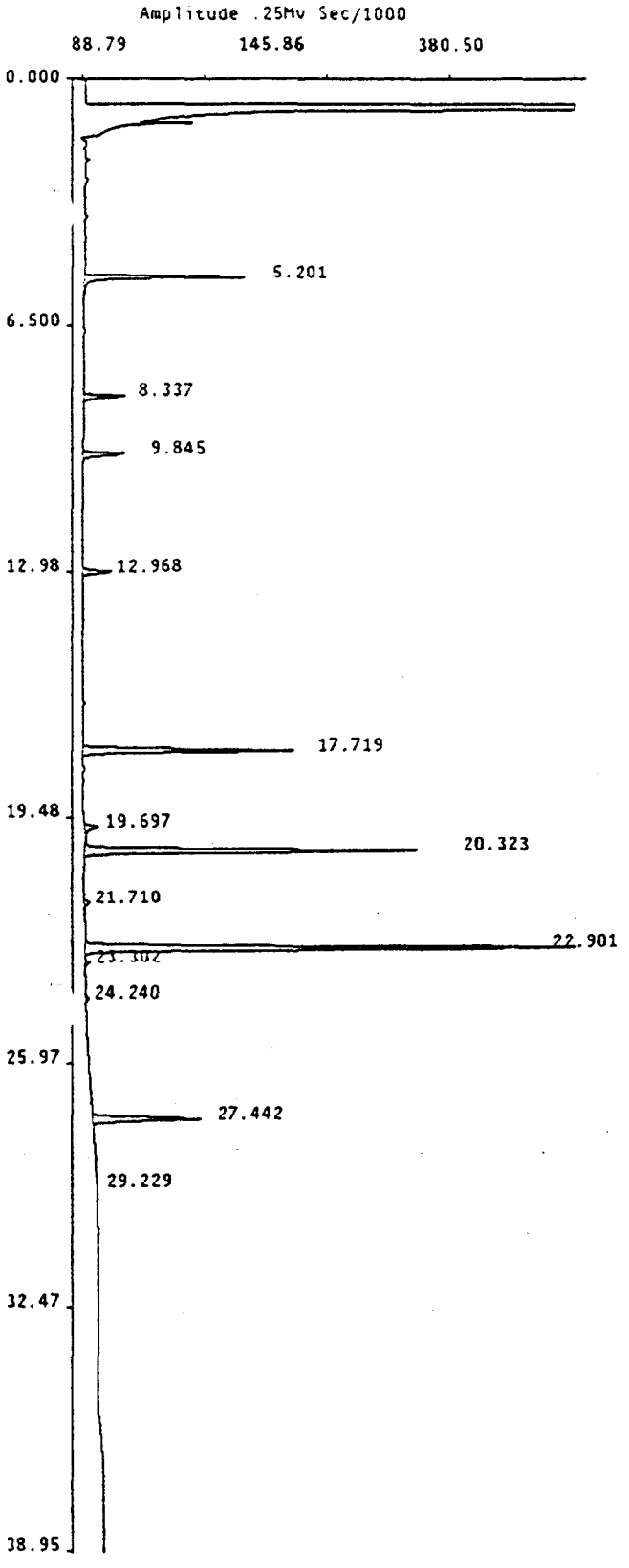
Ceimic Corporation Pest/PCB Report

Sample Name : PEMOE
Lab Id : PEMOE
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL029.RES
Inject Time : 1216 19Jul1994
Run Status : RunStatusOK
SignalOverload
SpecialInteg

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	8.96	68532	BB	.019	TCX
2	12.07	22061	BB	.011	ALPHA-BHC
3	13.87	22899	BB	.011	GAMMA-BHC
4	14.20	17706	BB	.009	BETA-BHC
5	24.04	112589	BB	.048	ENDRIN
6	24.53	9414	BB	.005	4,4'-DDD
7	25.85	244599	BB	.112	4,4'-DDT
8	29.76	391997	BB	.267	METHOXYCHLOR
9	30.42	8646	BB	.005	ENDRIN KETON
10	37.78	89564	FF	.020	DCB
Total Area:		988008			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1344 19Jul1994



Ceimic Corporation Pest/PCB Report

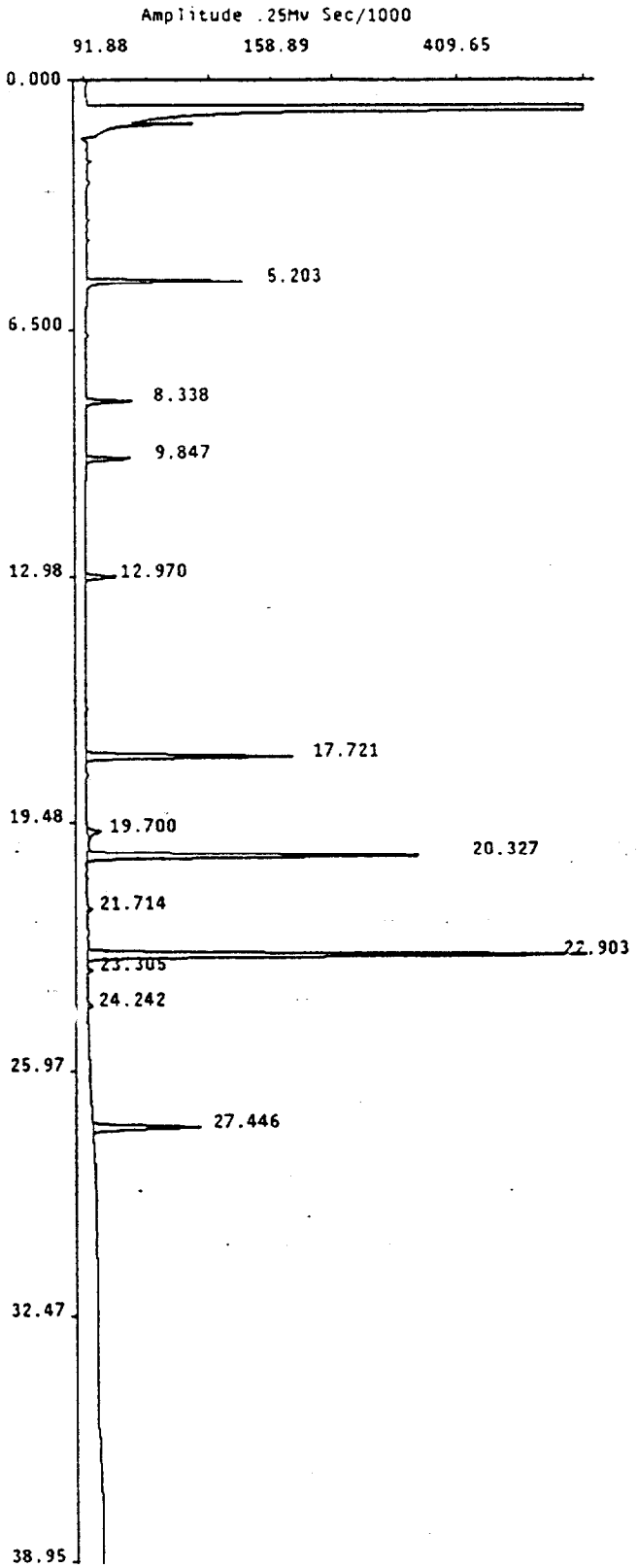
Sample Name : PEM1A
Lab Id : PEM1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL002.RES
Inject Time : 2019 05Jul1994
Run Status : EndOffBaseline
SignalOverload

gl 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	113709	BB	.019	TCX
2	8.34	32965	BB	.009	ALPHA-BHC
3	9.84	34501	BB	.009	GAMMA-BHC
4	12.97	24773	BB	.008	BETA-BHC
5	17.72	193387	BB	.047	ENDRIN
6	19.70	16225	BB	.005	4,4'-DDD
7	20.32	328502	BB	.103	4,4'-DDT
8	21.71	6229	BB	.001	
9	22.90	475726	BB	.226	METHOXYCHLOR
10	23.30	4353	BB	.000	
11	24.24	3032	BB	.001	ENDRIN KETON
12	27.44	108690	BB	.020	DCB
13	29.23	5921	BB	.001	

Total Area:		1348013			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1129 06Jul1994



Ceimic Corporation Pest/PCB Report

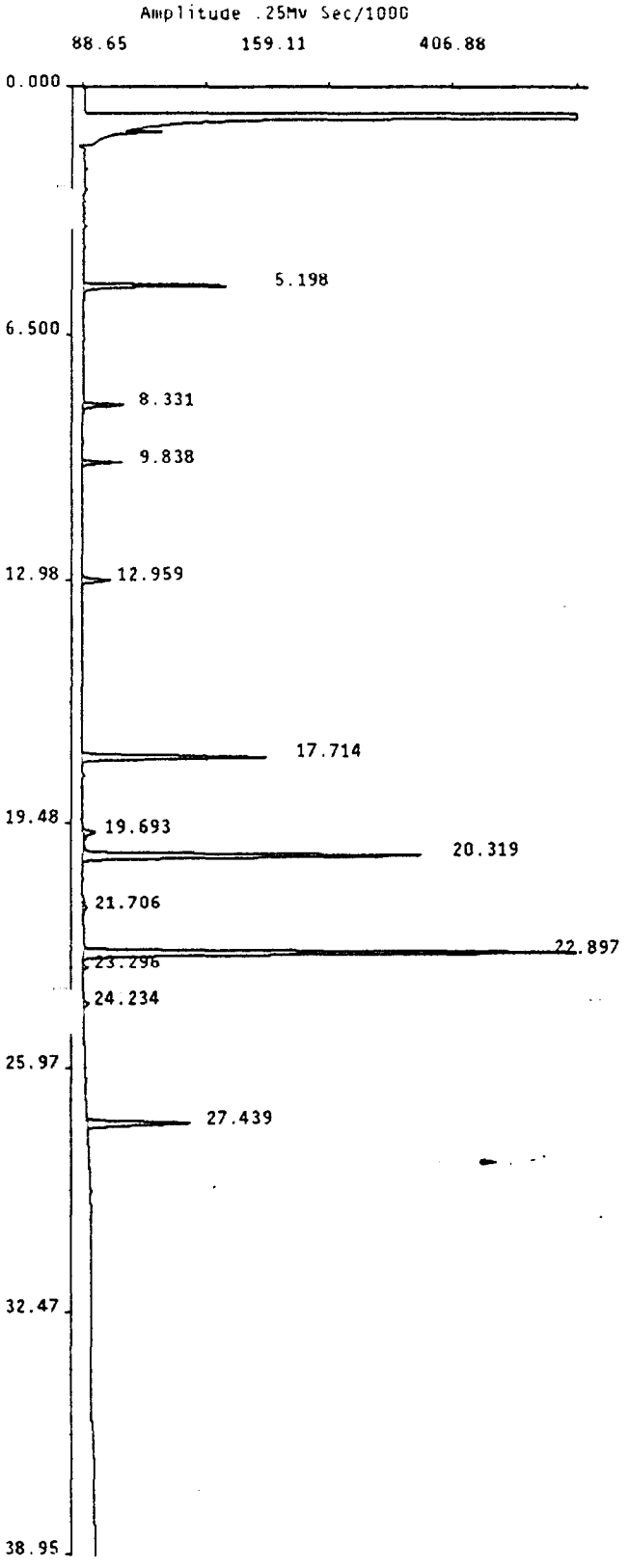
Sample Name : PEM1B
Lab Id : PEM1B ,I
Inst Id & Col : A07_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL021.RES
Inject Time : 1003 06Jul1994
Run Status : SignalOverload

jl 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	116592	BB	.020	TCX
2	8.34	37568	BB	.010	ALPHA-BHC
3	9.85	39359	BB	.010	GAMMA-BHC
4	12.97	28043	BB	.009	BETA-BHC
5	17.72	203336	BB	.049	ENDRIN
6	19.70	16989	BB	.005	4,4'-DDD
7	20.33	349153	BB	.110	4,4'-DDT
8	21.71	5115	BB	.001	
9	22.90	522327	BB	.248	METHOXYCHLOR
10	23.31	4838	BB	.001	
11	24.24	4740	BB	.002	ENDRIN KETON
12	27.45	115768	BB	.021	DCB

Total Area:		1443828			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1146 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEM1D
Lab Id : PEM1D
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL002.RES
Inject Time : 1646 18Jul1994
Run Status : SignalOverload

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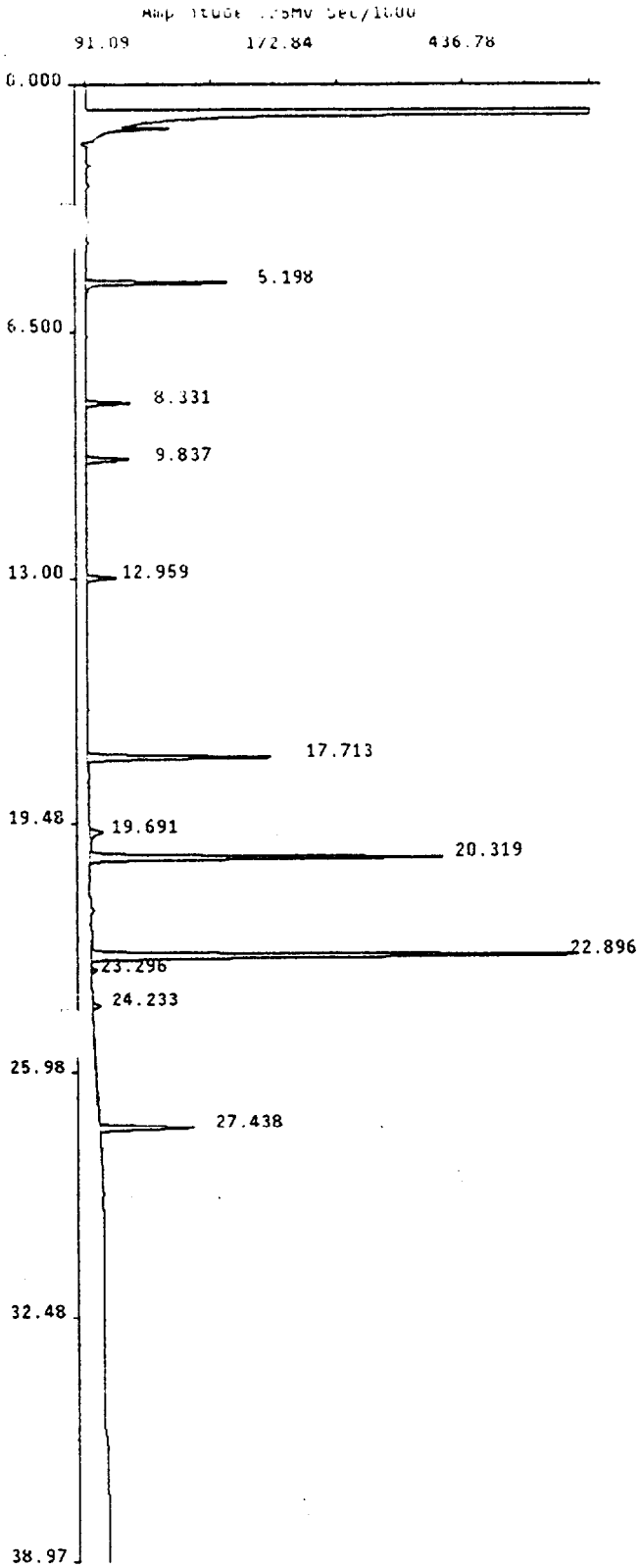
Pk #	RT	Area	Code	MASSng	Name
1	5.20	110555	BB	.019	TCX
2	8.33	33948	BB	.009	ALPHA-BHC
3	9.84	35720	BB	.009	GAMMA-BHC
4	12.96	25481	BB	.008	BETA-BHC
5	17.71	189930	BB	.046	ENDRIN
6	19.69	15464	BB	.004	4,4'-DDD
7	20.32	348614	BB	.110	4,4'-DDT
8	21.71	4582	BB	.000	
9	22.90	512703	BB	.244	METHOXYCHLOR
10	23.30	4699	BB	.000	
11	24.23	5911	BB	.002	ENDRIN KETON
12	27.44	111383	BB	.020	DCB

Total Area:		1398993			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0953 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEM1E
Lab Id : PEM1E
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL029.RES
Inject Time : 1216 19Jul1994
Run Status : SignalOverload

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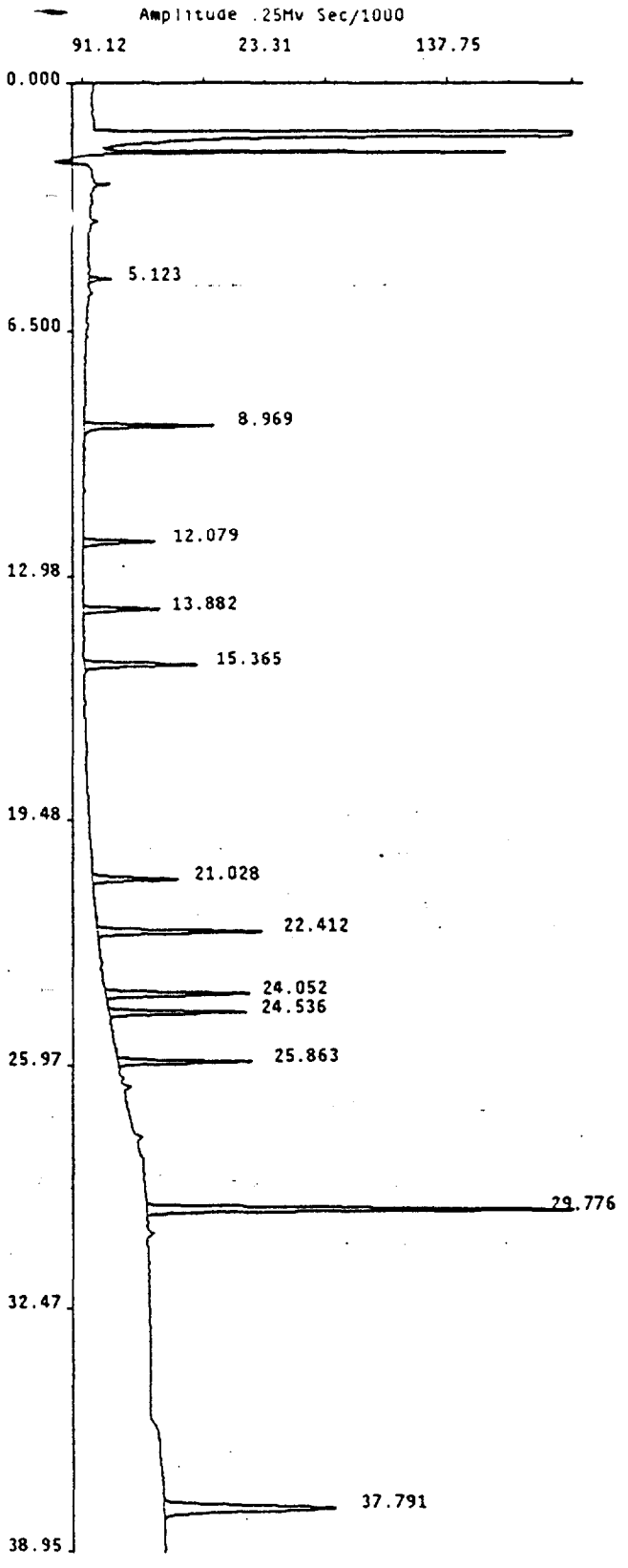
Pk #	RT	Area	Code	MASSng	Name
1	5.20	113079	BB	.019	TCX
2	8.33	39256	BB	.011	ALPHA-BHC
3	9.84	41242	BB	.010	GAMMA-BHC
4	12.96	29223	BB	.009	BETA-BHC
5	17.71	200525	BB	.049	ENDRIN
6	19.69	18515	BB	.005	4,4'-DDD
7	20.32	366897	BB	.116	4,4'-DDT
8	22.90	564770	BB	.268	METHOXYCHLOR
9	23.30	5043	BB	.001	
10	24.23	8996	BB	.003	ENDRIN KETON
11	27.44	95518	BB	.017	DCB

Total Area: 1483066

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1320 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDALOA
Lab Id : INDALOA ,I
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL010.RES
Inject Time : 0206 06Jul1994
Run Status : RunStatusOK

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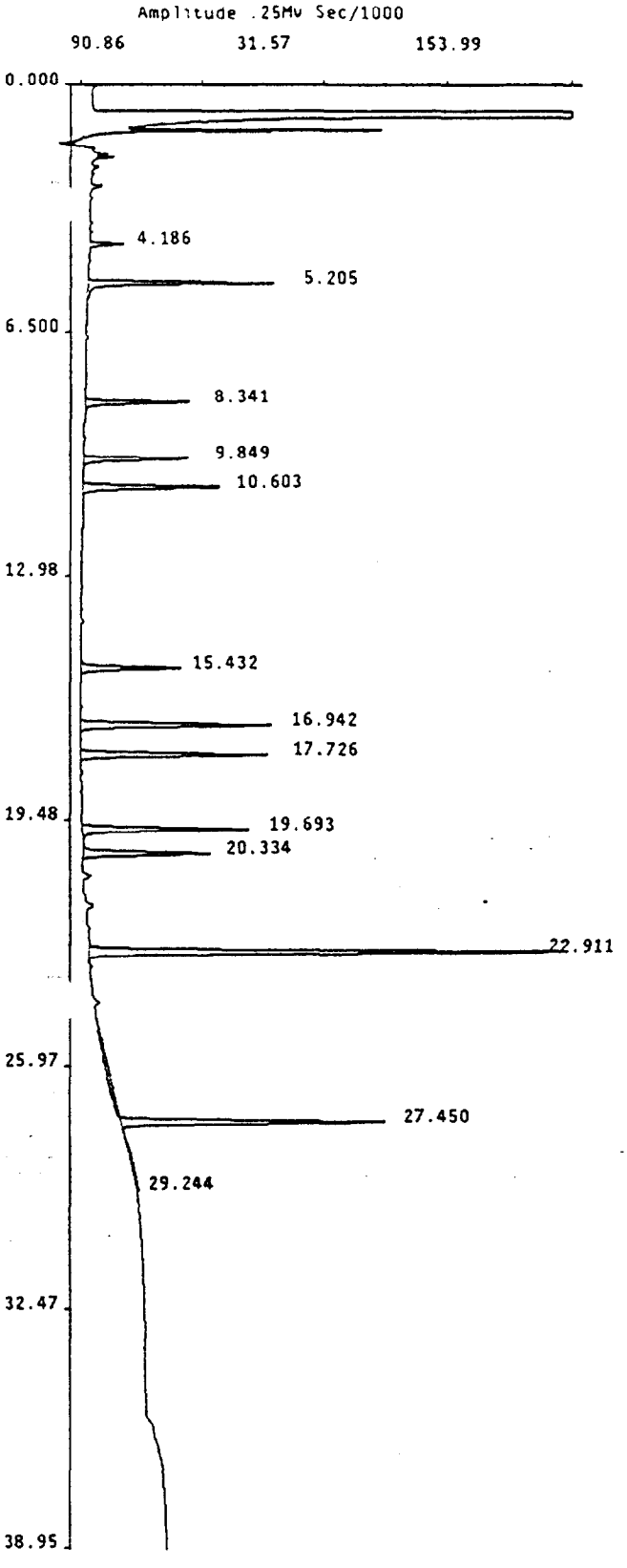
Pk #	RT	Area	Code	MASSng	Name
1	5.12	2905	BB	.002	
2	8.97	17585	BB	.005	TCX
3	12.08	10267	BB	.005	ALPHA-BHC
4	13.88	10966	BB	.005	GAMMA-BHC
5	15.37	18154	BB	.005	HEPTACHLOR
6	21.03	13251	BB	.005	ENDOSULF. I
7	22.41	26020	BB	.010	DIELDRIN
8	24.05	22815	BB	.010	ENDRIN
9	24.54	20478	BB	.010	4,4'-DDD
10	25.86	19803	BB	.009	4,4'-DDT
11	29.78	69216	BB	.047	METHOXYCHLOR
12	37.79	46082	BB	.011	DCB
		277541			

Total Area: 277541

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1021 06Jul1994



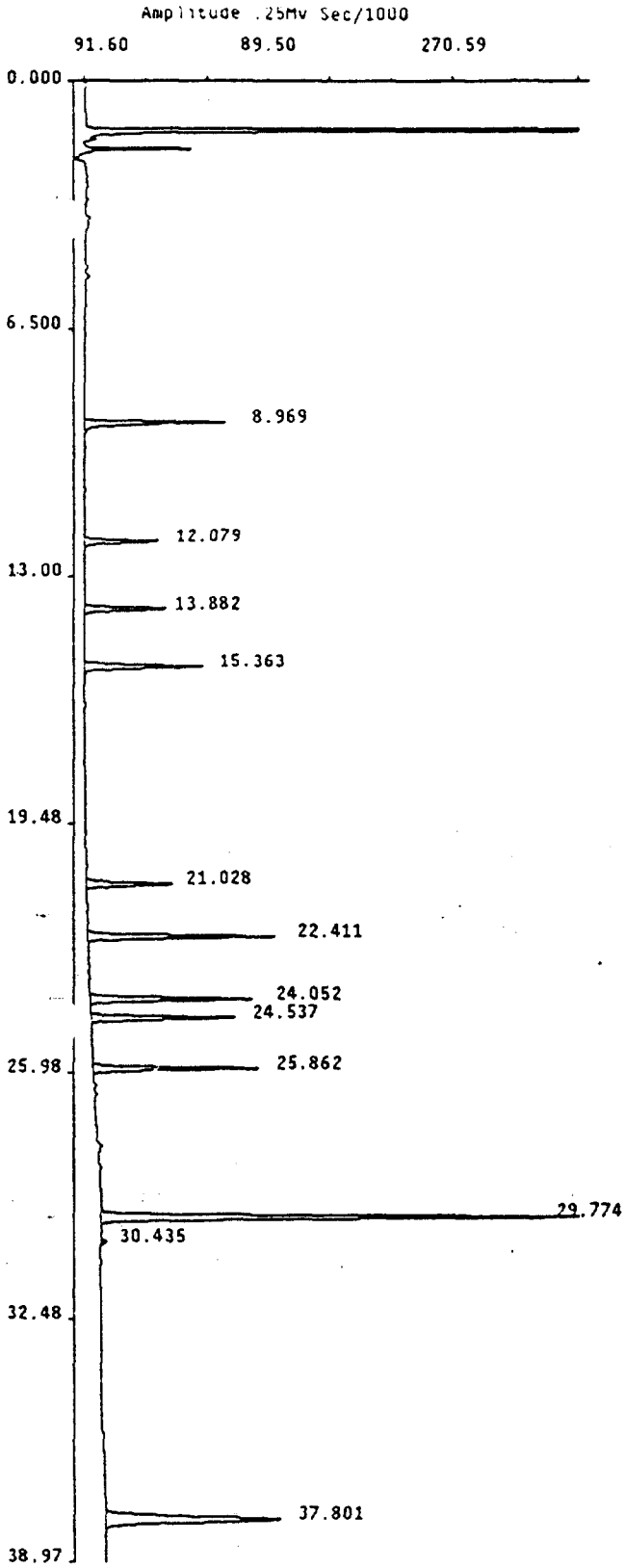
Ceimic Corporation Pest/PCB Report

Sample Name : INDAL1A
Lab Id : INDAL1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL010.RES
Inject Time : 0206 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4605	BB	.000	
2	5.20	29214	BB	.005	TCX
3	8.34	18418	BB	.005	ALPHA-BHC
4	9.85	19643	BB	.005	GAMMA-BHC
5	10.60	28183	BB	.005	HEPTACHLOR
6	15.43	20825	BB	.005	ENDOSULF. I
7	16.94	40074	BB	.010	DIELDRIN
8	17.73	39217	BB	.009	ENDRIN
9	19.69	35178	BB	.010	4,4'-DDD
10	20.33	27340	BB	.009	4,4'-DDT
11	22.91	102021	BB	.048	METHOXYCHLOR
12	27.45	46423	BB	.008	DCB
13	29.24	4773	BB	.001	
Total Area:		415915			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1137 06Jul1994



Ceimic Corporation Pest/PCB Report

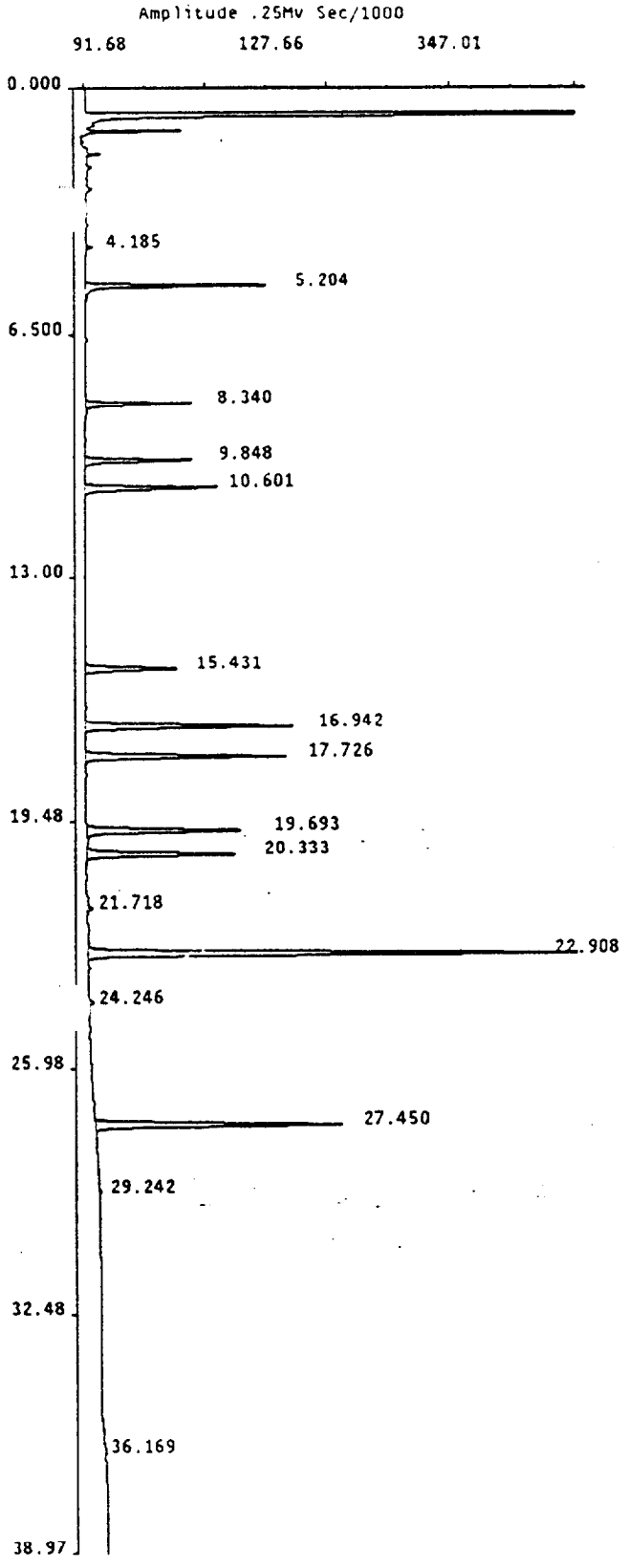
Sample Name : INDAMOA
Lab Id : INDAMOA ,I
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL014.RES
Inject Time : 0500 06Jul1994
Run Status : RunStatusOK

jf 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	70872	BB	.020	TCX
2	12.08	39642	BB	.020	ALPHA-BHC
3	13.88	42477	BB	.020	GAMMA-BHC
4	15.36	71927	BB	.020	HEPTACHLOR
5	21.03	51234	BB	.020	ENDOSULF. I
6	22.41	106887	BB	.040	DIELDRIN
7	24.05	93590	BB	.040	ENDRIN
8	24.54	81031	BB	.040	4,4'-DDD
9	25.86	86976	BB	.040	4,4'-DDT
10	29.77	293277	BB	.200	METHOXYCHLOR
11	30.44	3738	BB	.002	ENDRIN KETON
12	37.80	174944	BB	.040	DCB

Total Area: 1116595

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1023 06Jul1994



Ceimic Corporation Pest/PCB Report

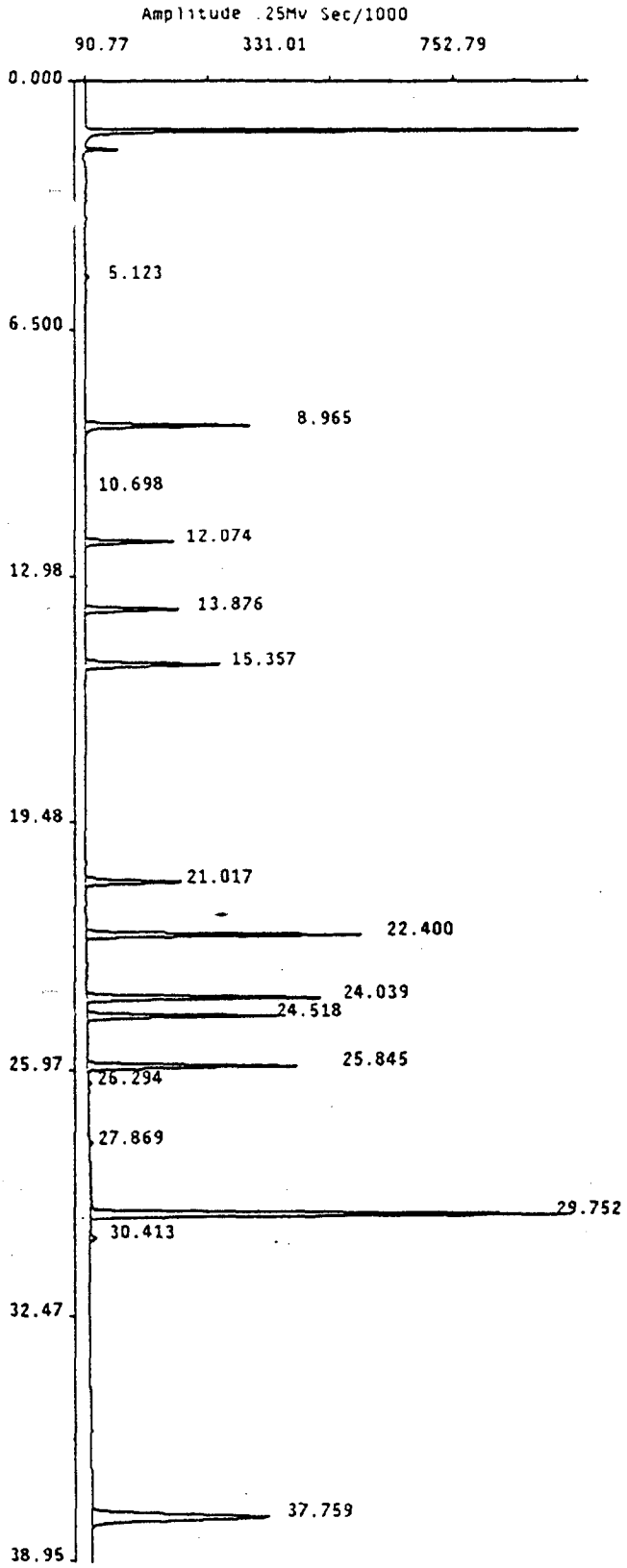
Sample Name : INDAM1A
Lab Id : INDAM1A ,I
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL014.RES
Inject Time : 0500 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	3308	BB	.000	
2	5.20	118542	BB	.020	TCX
3	8.34	72165	BB	.020	ALPHA-BHC
4	9.85	78859	BB	.020	GAMMA-BHC
5	10.60	108772	BB	.020	HEPTACHLOR
6	15.43	82253	BB	.020	ENDOSULF. I
7	16.94	167852	BB	.040	DIELDRIN
8	17.73	165231	BB	.040	ENDRIN
9	19.69	139061	BB	.040	4,4'-DDD
10	20.33	127026	BB	.040	4,4'-DDT
11	21.72	4729	BB	.000	
12	22.91	420746	BB	.200	METHOXYCHLOR
13	24.25	4698	BB	.002	ENDRIN KETON
14	27.45	220350	BB	.040	DCB
15	29.24	3379	BB	.000	
16	36.17	3032	BB	.000	

Total Area: 1720004

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1140 06Jul1994



Ceimic Corporation Pest/PCB Report

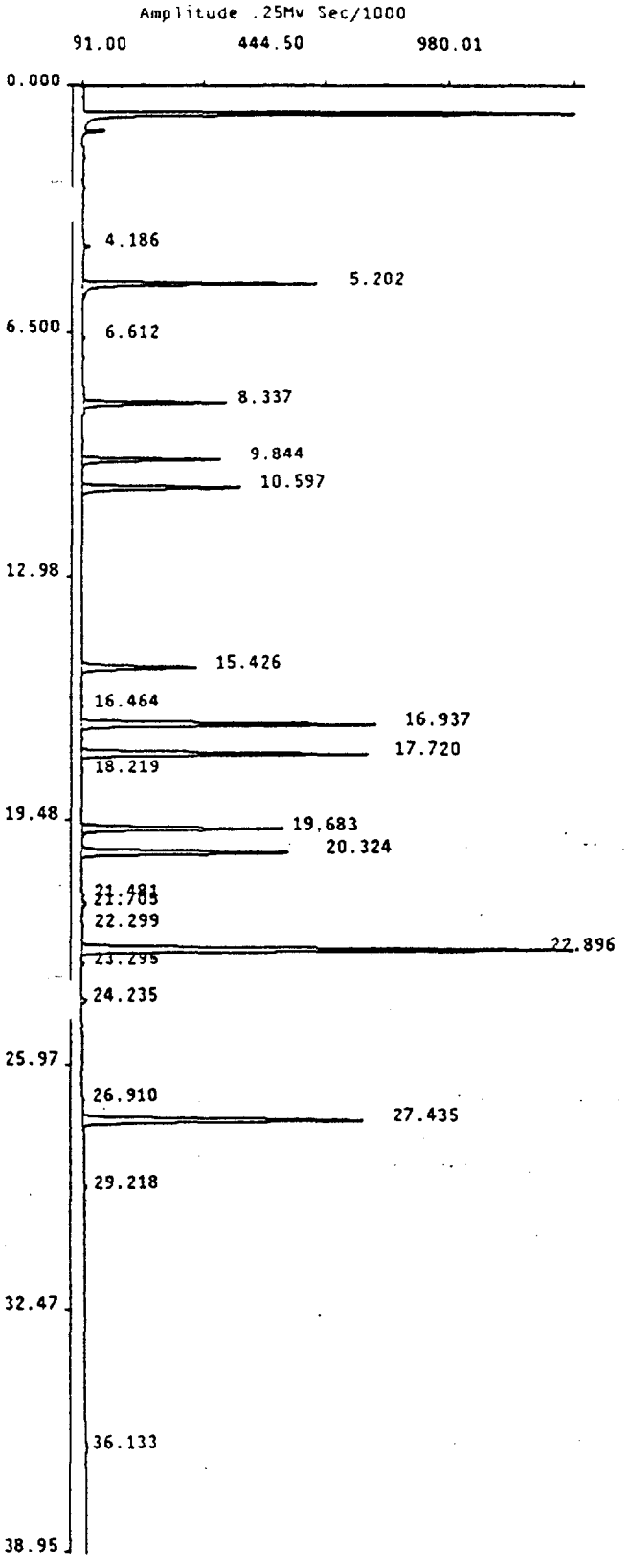
Sample Name : INDAHOA
Lab Id : INDAHOA ,I
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL018.RES
Inject Time : 0753 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	7663	BB	.006	
2	8.96	302892	BB	.085	TCX
3	10.70	3377	BB	.003	
4	12.07	165304	BB	.083	ALPHA-BHC
5	13.88	178028	BB	.084	GAMMA-BHC
6	15.36	285553	BB	.079	HEPTACHLOR
7	21.02	204915	BB	.080	ENDOSULF. I
8	22.40	526244	BB	.197	DIELDRIN
9	24.04	455643	BB	.195	ENDRIN
10	24.52	350321	BB	.173	4,4'-DDD
11	25.85	420338	BB	.193	4,4'-DDT
12	26.29	6360	BB	.004	ENDRIN ALDEH
13	27.87	7146	BB	.006	
14	29.75	1125130	BB	.767	METHOXYCHLOR
15	30.41	15491	BB	.009	ENDRIN KETON
16	37.76	655728	BB	.150	DCB

Total Area: 4710132

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1026 06Jul1994



Ceimic Corporation Pest/PCB Report

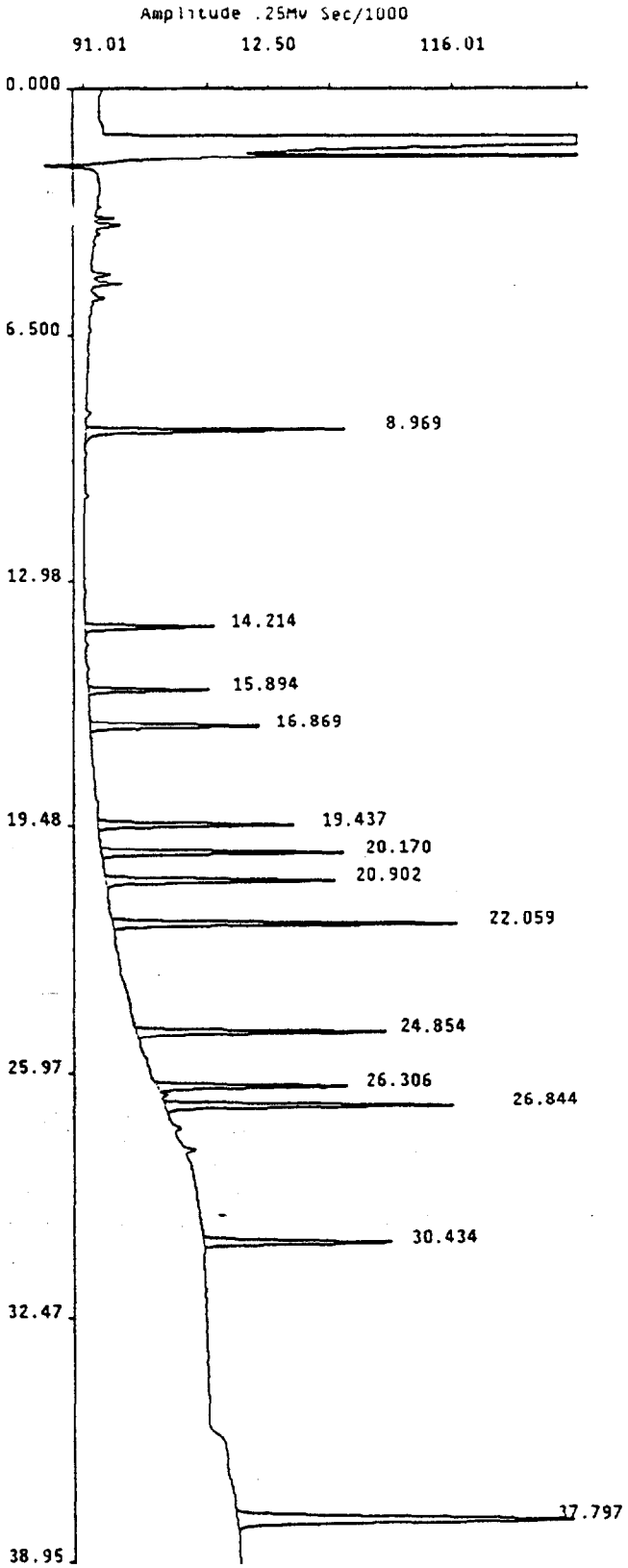
Sample Name : INDAH1A
Lab Id : INDAH1A ,I
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL018.RES
Inject Time : 0753 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	12484	BB	.001	
2	5.20	509147	BB	.086	TCX
3	6.61	4983	BB	.001	
4	8.34	314942	BB	.087	ALPHA-BHC
5	9.84	339743	BB	.086	GAMMA-BHC
6	10.60	432851	BB	.080	HEPTACHLOR
7	15.43	326573	BB	.079	ENDOSULF. I
8	16.46	4467	BB	.001	4,4'-DDE
9	16.94	807776	BB	.192	DIELDRIN
10	17.72	787088	BB	.191	ENDRIN
11	18.22	3463	BB	.000	
12	19.68	583920	BB	.168	4,4'-DDD
13	20.32	619027	BB	.195	4,4'-DDT
14	21.48	2296	BB	.001	ENDRIN ALDEH
15	21.71	9861	BB	.001	
16	22.30	3239	BB	.000	
17	22.90	1497235	BB	.712	METHOXYCHLOR
18	23.30	8293	BB	.001	
19	24.23	15804	BB	.006	ENDRIN KETON
20	26.91	2755	BB	.000	
21	27.43	875506	BB	.159	DCB
22	29.22	8648	BB	.001	
23	36.13	10171	BB	.001	

Total Area: 7180274

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1142 06Jul1994



Ceimic Corporation Pest/PCB Report

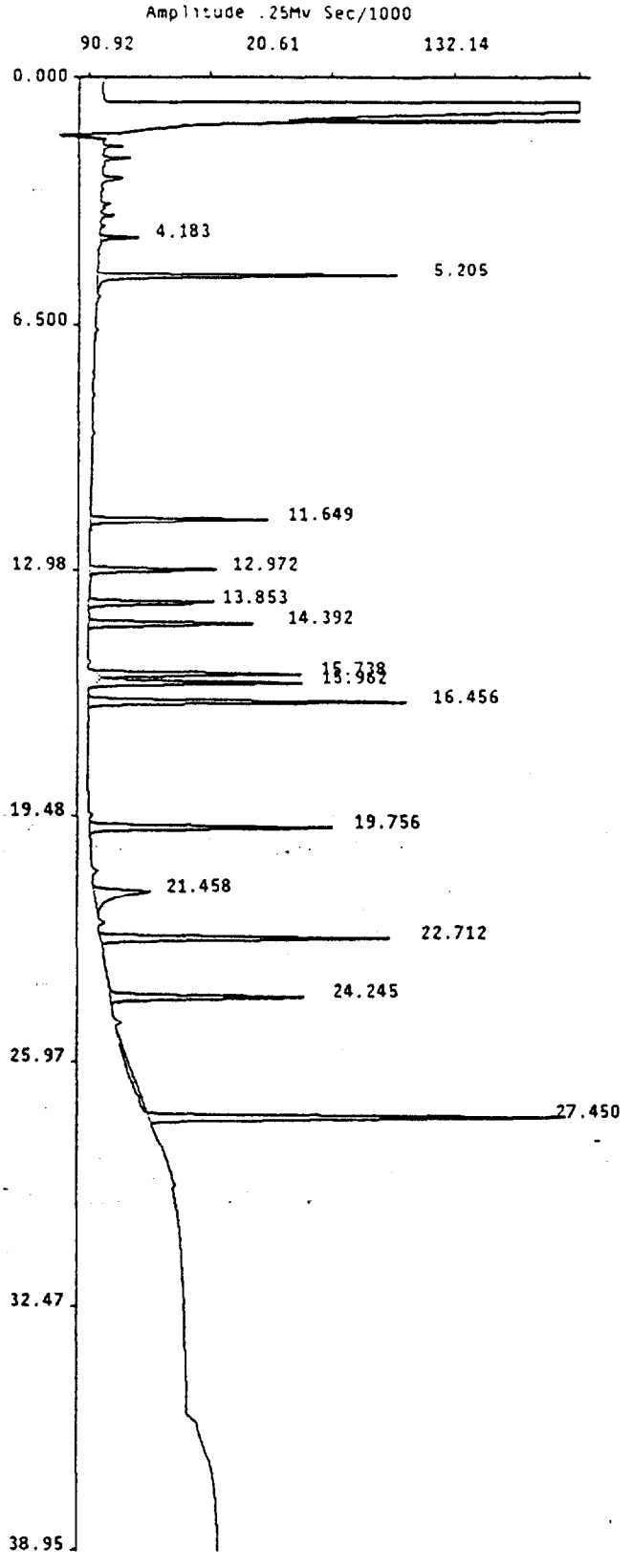
Sample Name : INDBL0A
Lab Id : INDBL0A ,I
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL011.RES
Inject Time : 0250 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	18359	BB	.005	TCX
2	14.21	9318	BB	.005	BETA-BHC
3	15.89	8805	BB	.005	DELTA-BHC
4	16.87	14946	BB	.005	ALDRIN
5	19.44	16159	BB	.005	H. EPOXIDE
6	20.17	19994	BB	.005	G. CHLORDANE
7	20.90	19569	BB	.005	A. CHLORDANE
8	22.06	26477	BB	.010	4,4'-DDE
9	24.85	20286	BB	.010	ENDOSULF. II
10	26.31	14960	BB	.010	ENDRIN ALDEH
11	26.84	24996	BB	.010	ENDO. SULFAT
12	30.43	17735	BB	.010	ENDRIN KETON
13	37.80	46935	BB	.011	DCB

Total Area: 258541

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1022 06Jul1994



Ceimic Corporation Pest/PCB Report

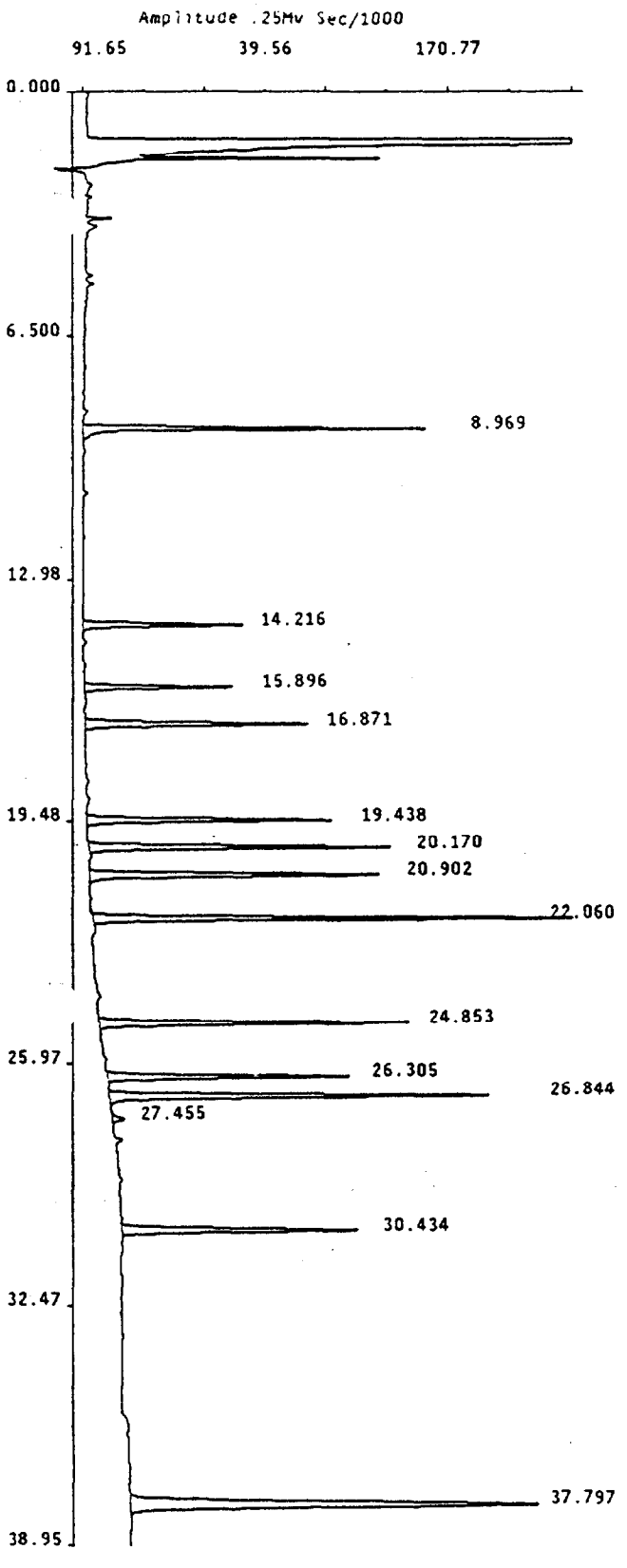
Sample Name : IND8L1A
Lab Id : IND8L1A ,I
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL011.RES
Inject Time : 0250 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.18	3625	BB	.000	
2	5.20	30419	BB	.005	TCX
3	11.65	23897	BB	.005	ALDRIN
4	12.97	15552	BB	.005	BETA-BHC
5	13.85	15003	BB	.005	DELTA-BHC
6	14.39	23682	BB	.005	H. EPOXIDE
7	15.74	26673	BB	.005	G. CHLORDANE
8	15.96	25903	BB	.005	A. CHLORDANE
9	16.46	43857	BB	.009	4,4'-DDE
10	19.76	33507	BB	.010	ENDOSULF. II
11	21.46	16673	BB	.010	ENDRIN ALDEH
12	22.71	39680	BB	.010	ENDO. SULFAT
13	24.24	27224	BB	.010	ENDRIN KETON
14	27.45	50934	BB	.009	DCB

Total Area:		376629			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1138 06Jul1994



Ceimic Corporation Pest/PCB Report

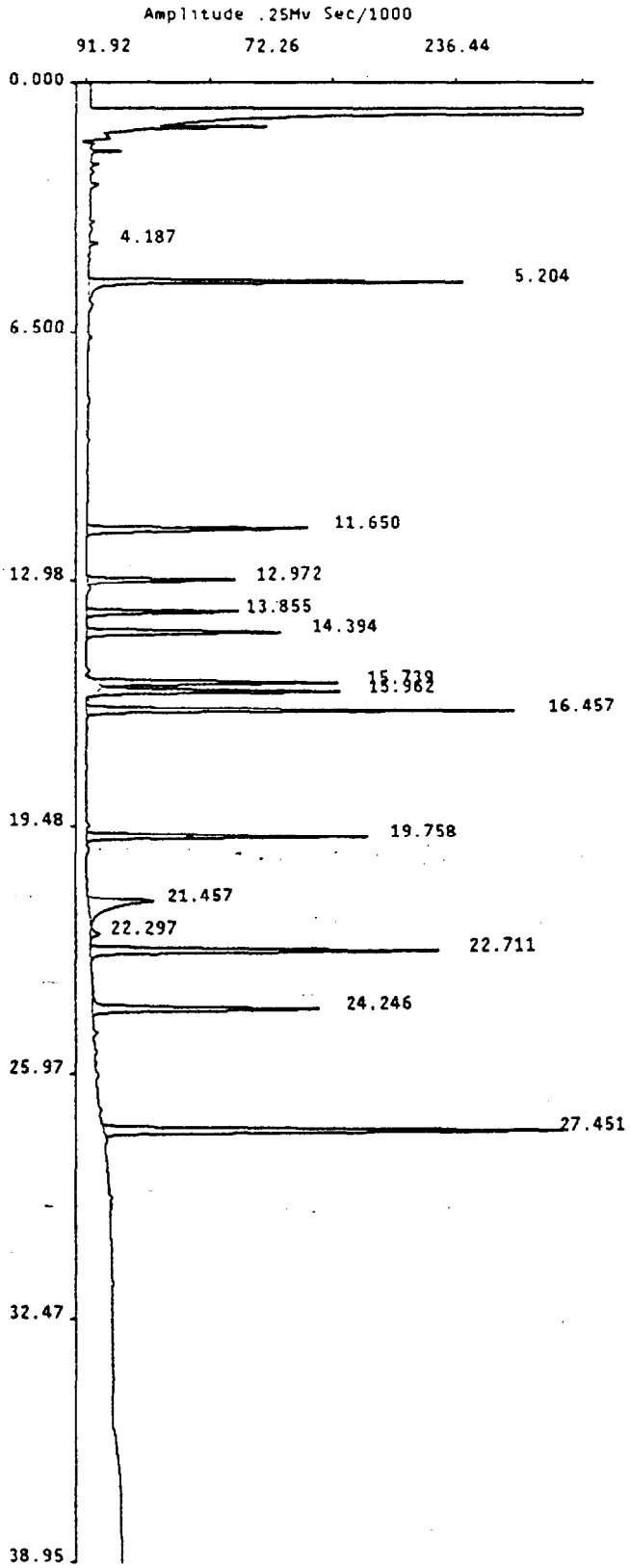
Sample Name : INDBM0A
Lab Id : INDBM0A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL015.RES
Inject Time : 0543 06Jul1994
Run Status : RunStatusOK

ff 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	76439	BB	.022	TCX
2	14.22	38182	BB	.020	BETA-BHC
3	15.90	35013	BB	.020	DELTA-BHC
4	16.87	60584	BB	.020	ALDRIN
5	19.44	64041	BB	.020	H. EPOXIDE
6	20.17	79119	BB	.020	G. CHLORDANE
7	20.90	79516	BB	.020	A. CHLORDANE
8	22.06	110050	BB	.040	4,4'-DDE
9	24.85	78983	BB	.040	ENDOSULF. II
10	26.31	60484	BB	.040	ENDRIN ALDEH
11	26.84	103282	BB	.040	ENDO. SULFAT
12	27.45	3757	BB	.003	
13	30.43	71599	BB	.040	ENDRIN KETON
14	37.80	183842	BB	.042	DCB

Total Area: 1044890

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1025 06Jul1994



Ceimic Corporation Pest/PCB Report

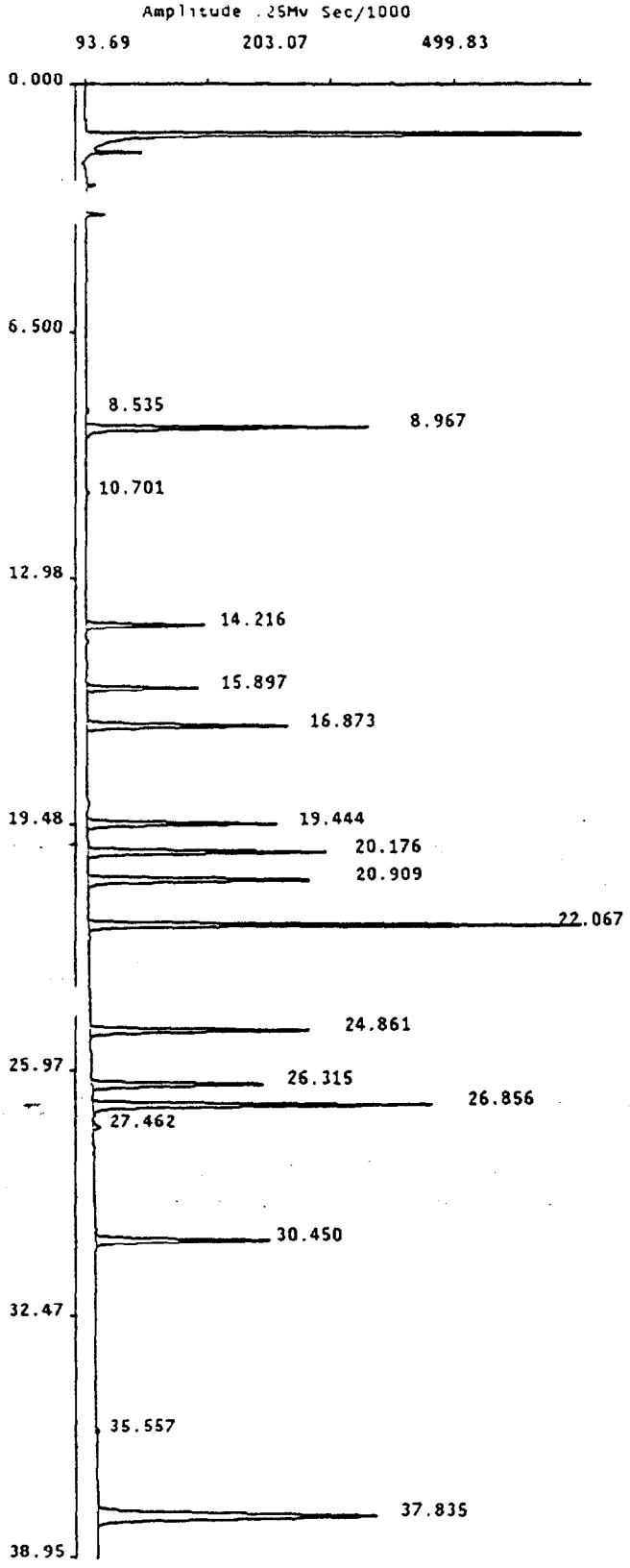
Sample Name : IND8M1A
Lab Id : IND8M1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL015.RES
Inject Time : 0543 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2640	BB	.000	
2	5.20	127731	BB	.022	TCX
3	11.65	100482	BB	.020	ALDRIN
4	12.97	62085	BB	.020	BETA-BHC
5	13.85	61356	BB	.020	DELTA-BHC
6	14.39	95128	BB	.020	H. EPOXIDE
7	15.74	106296	BB	.020	G. CHLORDANE
8	15.96	103536	BB	.020	A. CHLORDANE
9	16.46	191541	BB	.040	4,4`-DDE
10	19.76	131368	BB	.040	ENDOSULF. II
11	21.46	66898	BB	.040	ENDRIN ALDEH
12	22.30	5110	BB	.001	
13	22.71	163587	BB	.040	ENDO. SULFAT
14	24.25	114067	BB	.040	ENDRIN KETON
15	27.45	231302	BB	.042	DC8

Total Area:		1563126			

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1141 06Jul1994



Ceimic Corporation Pest/PCB Report

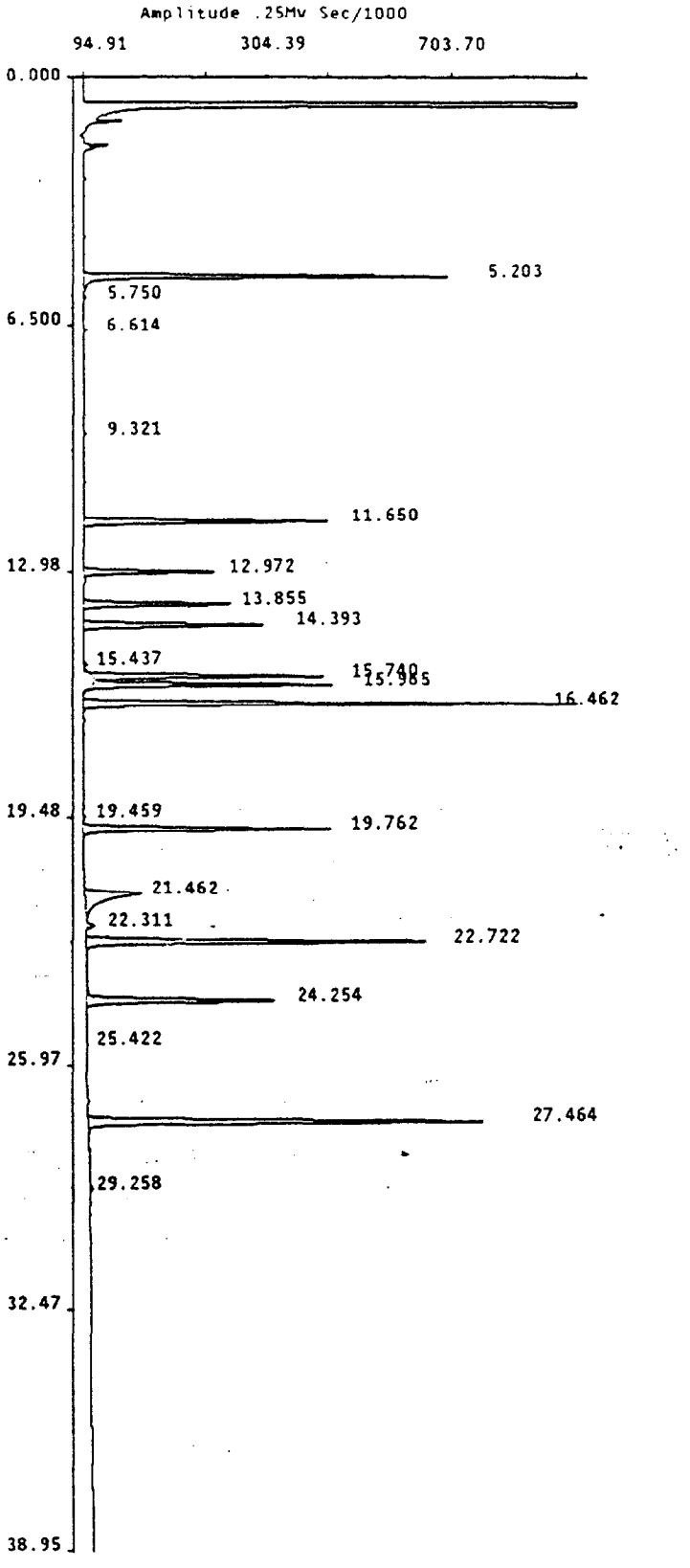
Sample Name : INDBHOA
Lab Id : INDBHOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL019.RES
Inject Time : 0837 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.54	3915	BB	.003	
2	8.97	307255	BB	.087	TCX
3	10.70	3400	BB	.003	
4	14.22	137286	BB	.072	BETA-BHC
5	15.90	132112	BB	.075	DELTA-BHC
6	16.87	256240	BB	.085	ALDRIN
7	19.44	241367	BB	.075	H. EPOXIDE
8	20.18	307688	BB	.078	G. CHLORDANE
9	20.91	310233	BB	.078	A. CHLORDANE
10	22.07	525029	BB	.191	4,4'-DDE
11	24.86	284830	BB	.144	ENDOSULF. II
12	26.32	219149	BB	.145	ENDRIN ALDEH
13	26.86	423773	BB	.164	ENDO. SULFAT
14	27.46	9746	BB	.008	
15	30.45	255759	BB	.143	ENDRIN KETON
16	35.56	10109	BB	.008	
17	37.83	630602	BB	.144	DCB

Total Area: 4058492

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1027 06Jul1994



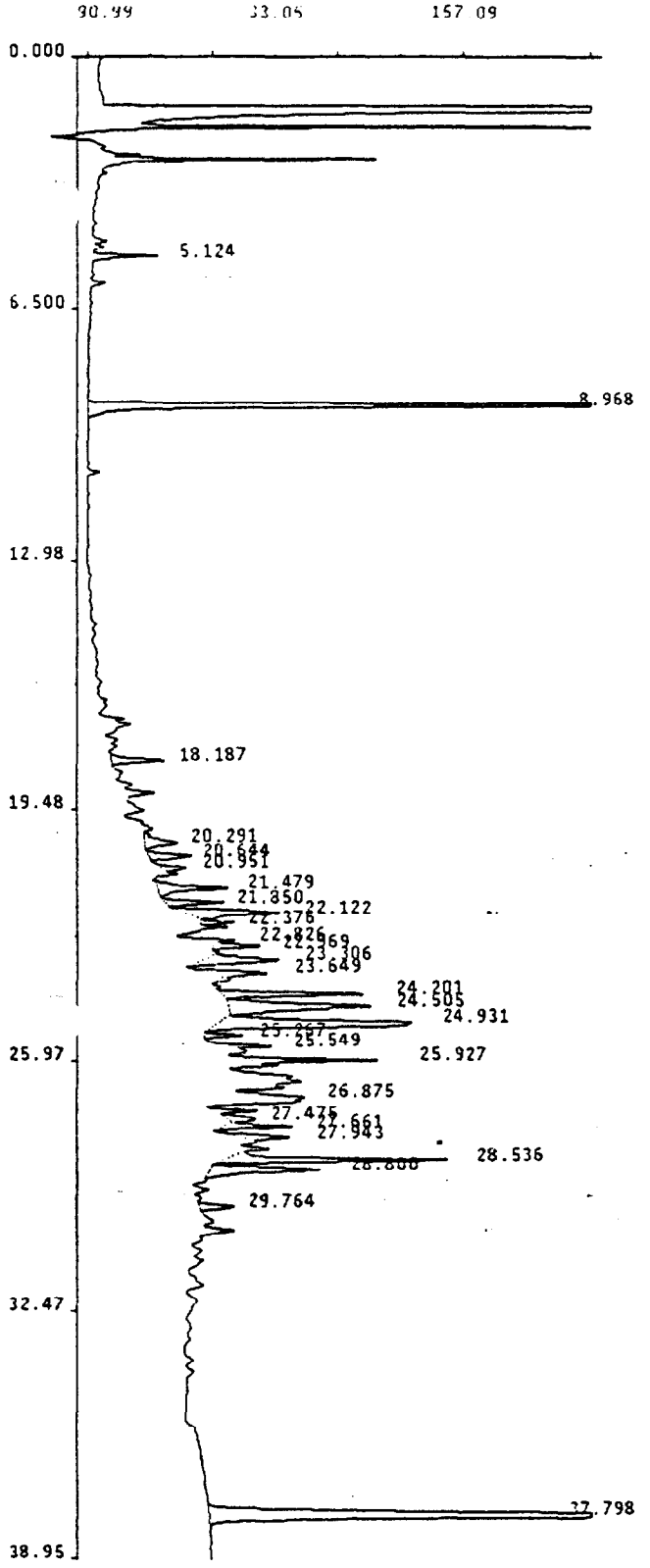
Ceimic Corporation Pest/PCB Report

Sample Name : INDBH1A
Lab Id : INDBH1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL019.RES
Inject Time : 0837 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	518019	BB	.087	TCX
2	5.75	5160	BB	.001	
3	6.61	5181	BB	.001	
4	9.32	4085	BB	.000	
5	11.65	444032	BB	.088	ALDRIN
6	12.97	228447	BB	.074	BETA-BHC
7	13.86	245701	BB	.080	DELTA-BHC
8	14.39	361308	BB	.076	H. EPOXIDE
9	15.44	6614	BB	.002	ENDOSULF. I
10	15.74	419984	BB	.079	G. CHLORDANE
11.	15.96	418737	BB	.081	A. CHLORDANE
12	16.46	897992	BB	.188	4,4'-DDE
13	19.46	3938	BB	.000	
14	19.76	479808	BB	.146	ENDOSULF. II
15	21.46	249972	BB	.149	ENDRIN ALDEH
16	22.31	13395	BB	.001	
17	22.72	675722	BB	.165	ENDO. SULFAT
18	24.25	402378	BB	.141	ENDRIN KETON
19	25.42	3507	BB	.000	
20	27.46	846744	BB	.154	DCB
21	29.26	8772	BB	.001	
Total Area:		6239498			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1143 06Jul1994



Ceimic Corporation Pest/PCB Report

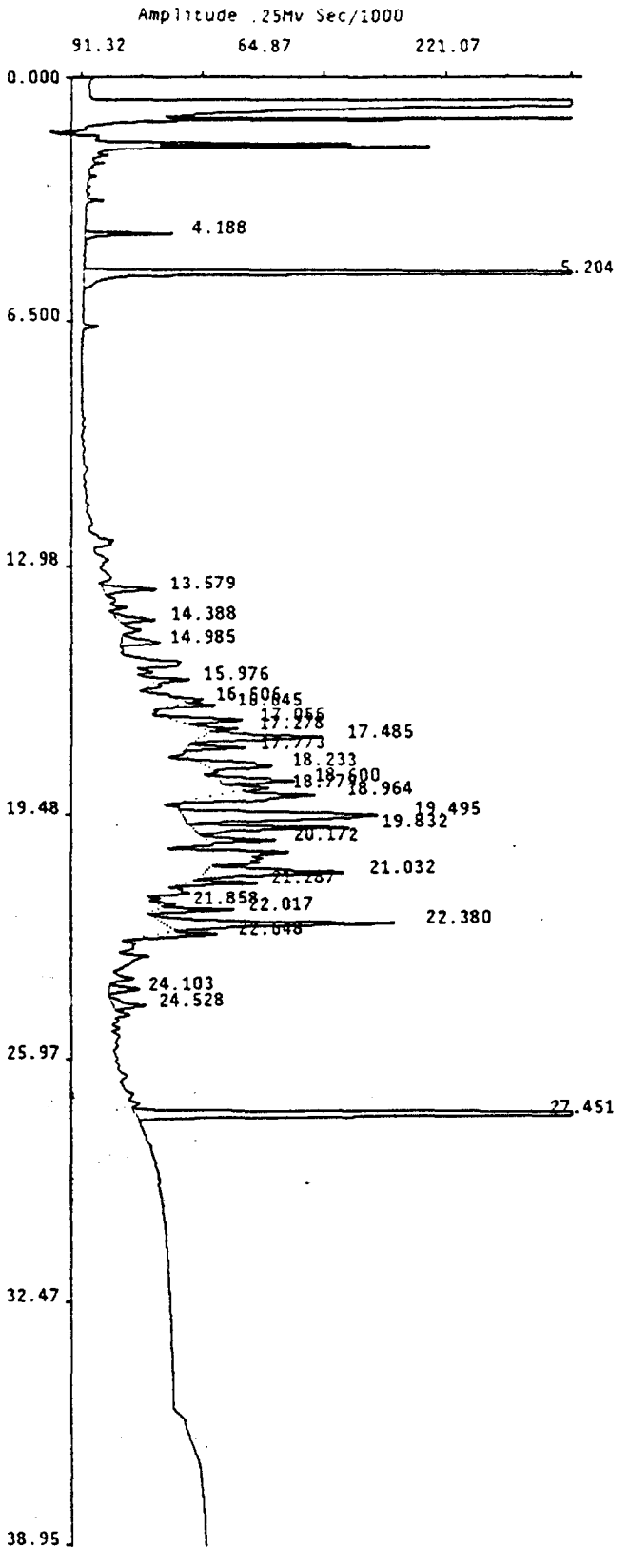
Sample Name : TOXAPHOA
Lab Id : TOXAPHOA ,I
Inst Id & Col : AD6_1, DB-608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL009.RES
Inject Time : 0123 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	5885	BB	.001	
2	8.97	85677	BB	.020	TCX
3	18.19	6261	BB	.500	TOXAPHENE
4	20.29	5723	BB	.001	
5	20.64	5755	BB	.001	
6	20.95	2319	BB	.000	
7	21.48	9822	BB	.500	TOXAPHENE-2
8	21.85	6621	BB	.001	
9	22.12	14437	BB	.002	
10	22.38	2296	BB	.000	
11	22.83	2545	BB	.000	
12	22.97	4227	BB	.001	
13	23.31	12048	BB	.002	
14	23.65	7623	BB	.001	
15	24.20	14806	BB	.500	TOXAPHENE-3
16	24.51	26423	BB	.500	TOXAPHENE-4
17	24.93	38327	BB	.005	
18	25.27	3210	BB	.000	
19	25.55	2844	BB	.000	
20	25.93	13535	BB	.002	
21	26.88	2402	BB	.000	
22	27.47	3683	BB	.001	
23	27.66	6238	BB	.001	
24	27.94	6101	BB	.001	
25	28.54	24601	BB	.500	TOXAPHENE-5
26	28.80	17268	BB	.002	
27	29.76	4223	BB	.001	
28	37.80	97308	BB	.020	DCB

Total Area: 432210

Method File: /DATA/METHOD/TOXAPH_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1221 06Jul1994



Ceimic Corporation Pest/PCB Report

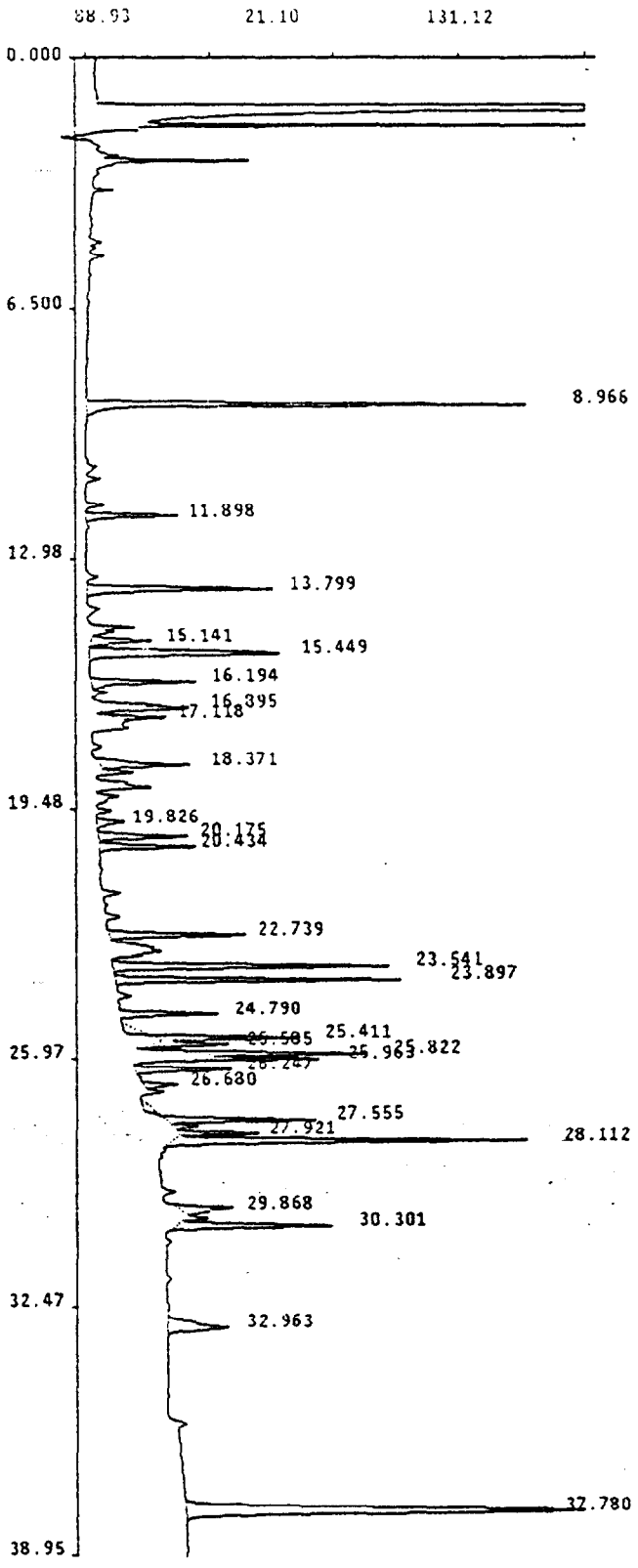
Sample Name : TOXAPH1A
Lab Id : TOXAPH1A .I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL009.RES
Inject Time : 0123 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	9147	BB	.001	
2	5.20	143225	BB	.020	TCX
3	13.58	9266	BB	.500	TOXAPHENE
4	14.39	6926	BB	.001	
5	14.98	8292	BB	.001	
6	15.98	5737	BB	.000	
7	16.51	4814	BB	.000	
8	16.65	4829	BB	.000	
9	17.06	12422	BB	.001	
10	17.28	4093	BB	.000	
11	17.49	22160	BB	.500	TOXAPHENE-2
12	17.77	7291	BB	.001	
13	18.23	12872	BB	.001	
14	18.60	9350	BB	.001	
15	18.78	4655	BB	.000	
16	18.96	24325	BB	.002	
17	19.50	55321	BB	.500	TOXAPHENE-3
18	19.83	24969	BB	.002	
19	20.17	8842	BB	.001	
20	21.03	28322	BB	.500	TOXAPHENE-4
21	21.29	8702	BB	.001	
22	21.86	2155	BB	.000	
23	22.02	9924	BB	.001	
24	22.38	43350	BB	.500	TOXAPHENE-5
25	22.65	8552	BB	.001	
26	24.10	5349	BB	.000	
27	24.53	6761	BB	.001	
28	27.45	123280	BB	.020	DCB

Total Area: 614930

Method File: /DATA/METHOD/TOXAPH_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1222 06Jul1994



Ceimic Corporation Pest/PCB Report

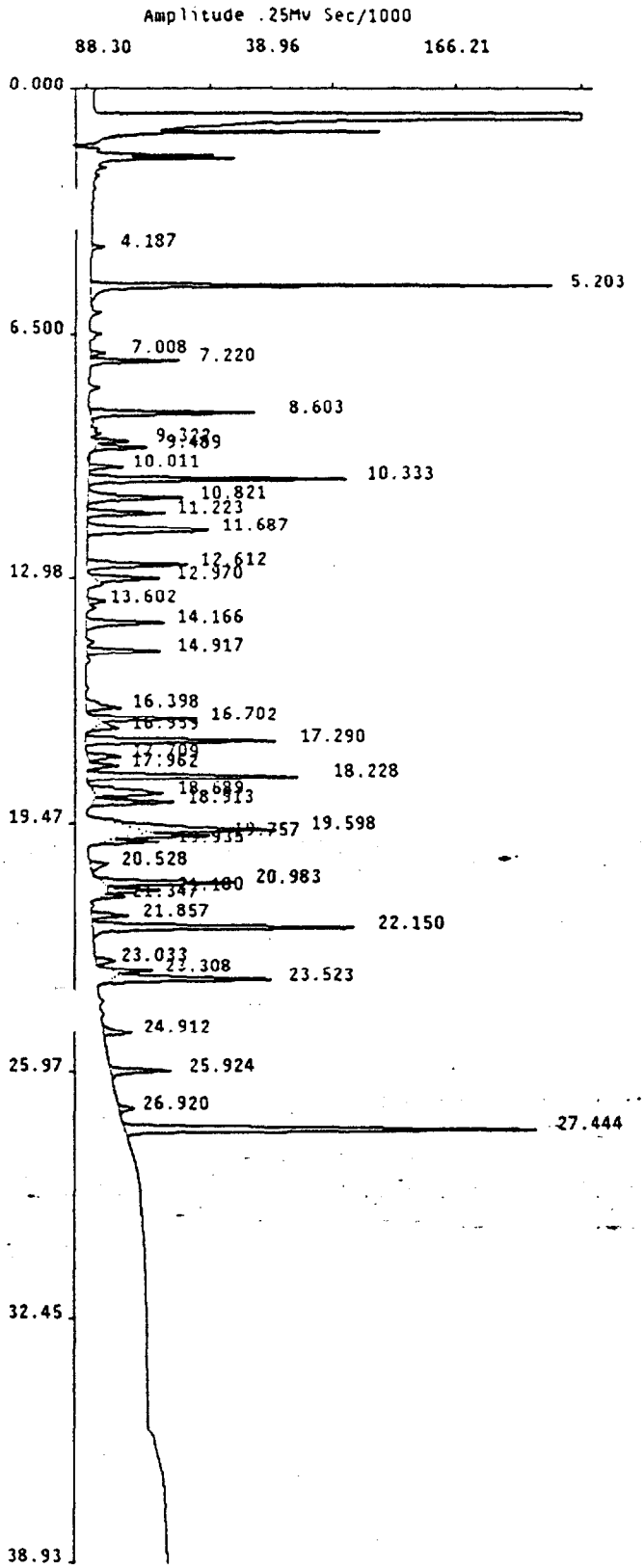
Sample Name : AR16600A
Lab Id : AR16600A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL003.RES
Inject Time : 2103 05Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	53174	BB	.020	TCX
2	11.90	10796	BB	.100	ARO-1016
3	13.80	26901	BB	.100	ARO-1016-2
4	15.14	8995	BB	.100	ARO-1016-3
5	15.45	37220	BB	.100	ARO-1016-4
6	16.19	14199	BB	.100	ARO-1016-5
7	16.89	5151	BB	.000	
8	17.12	6112	BB	.001	
9	18.37	13909	BB	.001	
10	19.83	4172	BB	.000	
11	20.17	12236	BB	.001	
12	20.43	12901	BB	.001	
13	22.74	19062	BB	.100	ARO-1260
14	23.54	38222	BB	.100	ARO-1260-2
15	23.90	38856	BB	.100	ARO-1260-3
16	24.79	12699	BB	.001	
17	25.41	12818	BB	.001	
18	25.59	8689	BB	.001	
19	25.82	19478	BB	.002	
20	25.96	11288	BB	.001	
21	26.25	12593	BB	.001	
22	26.68	4507	BB	.000	
23	27.55	15112	BB	.001	
24	27.92	8600	BB	.001	
25	28.11	47797	BB	.100	ARO-1260-4
26	29.87	8689	BB	.001	
27	30.30	21955	BB	.100	ARO-1260-5
28	32.96	16034	BB	.001	
29	37.78	91547	BB	.020	DC8

Total Area: 593713

Method File: /DATA/METHOD/AR1660_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1204 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : AR16601A
Lab Id : AR16601A .I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL003.RES
Inject Time : 2103 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2784	BB	.000	
2	5.20	88424	BB	.020	TCX
3	7.01	3289	BB	.000	
4	7.22	18316	BB	.100	ARO-1016
5	8.60	37722	BB	.100	ARO-1016-2
6	9.32	6539	BB	.001	
7	9.49	10109	BB	.001	
8	10.01	8593	BB	.001	
9	10.33	60473	BB	.100	ARO-1016-3
10	10.82	28418	BB	.003	
11	11.22	18759	BB	.002	
12	11.69	47877	BB	.100	ARO-1016-4
13	12.61	29257	BB	.100	ARO-1016-5
14	12.97	17107	BB	.002	
15	13.60	3826	BB	.000	
16	14.17	22538	BB	.002	
17	14.92	18809	BB	.002	
18	16.40	12004	BB	.001	
19	16.70	24597	BB	.002	
20	16.96	6104	BB	.001	
21	17.29	49695	BB	.100	ARO-1260
22	17.71	9585	BB	.001	
23	17.96	7244	BB	.001	
24	18.23	57165	BB	.100	ARO-1260-2
25	18.69	26269	BB	.002	
26	18.91	20072	BB	.002	
27	19.60	44139	BB	.004	
28	19.76	16686	BB	.001	
29	19.94	10469	BB	.001	
30	20.53	5594	BB	.000	
31	20.98	32301	BB	.100	ARO-1260-3
32	21.18	11554	BB	.001	
33	21.35	4351	BB	.000	
34	21.86	9216	BB	.001	
35	22.15	75091	BB	.100	ARO-1260-4
36	23.03	5418	BB	.000	
37	23.31	8340	BB	.001	
38	23.52	44214	BB	.004	
39	24.91	8714	BB	.001	
40	25.92	15614	BB	.100	ARO-1260-5
41	26.92	4183	BB	.000	

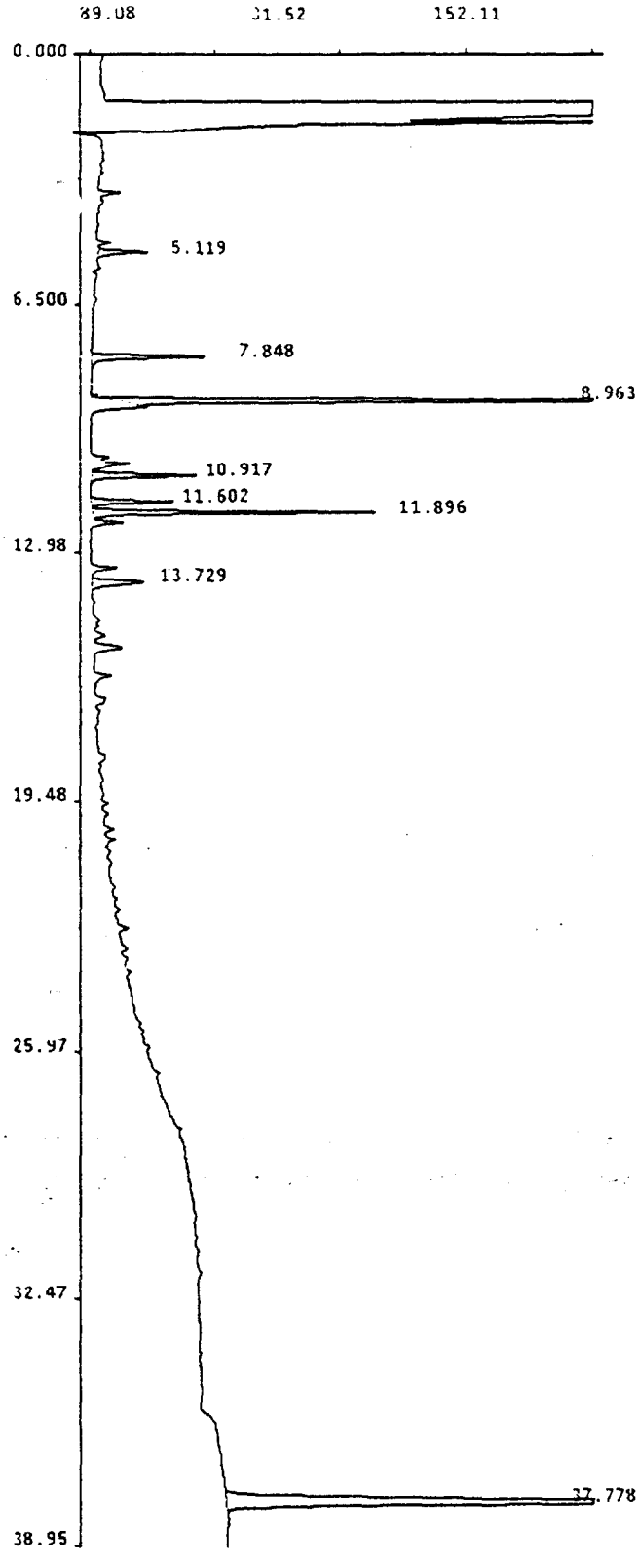
Sample Name : AR16601A
Lab Id : AR16601A ,I
Inst Id & Col : AO7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL003.RES
Inject Time : 2103 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
42	27.44	114912	BB	.020	DCB

Total Area: 1046370

Method File: /DATA/METHOD/AR1660_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1207 06Jul1994



Ceimic Corporation Pest/PCB Report

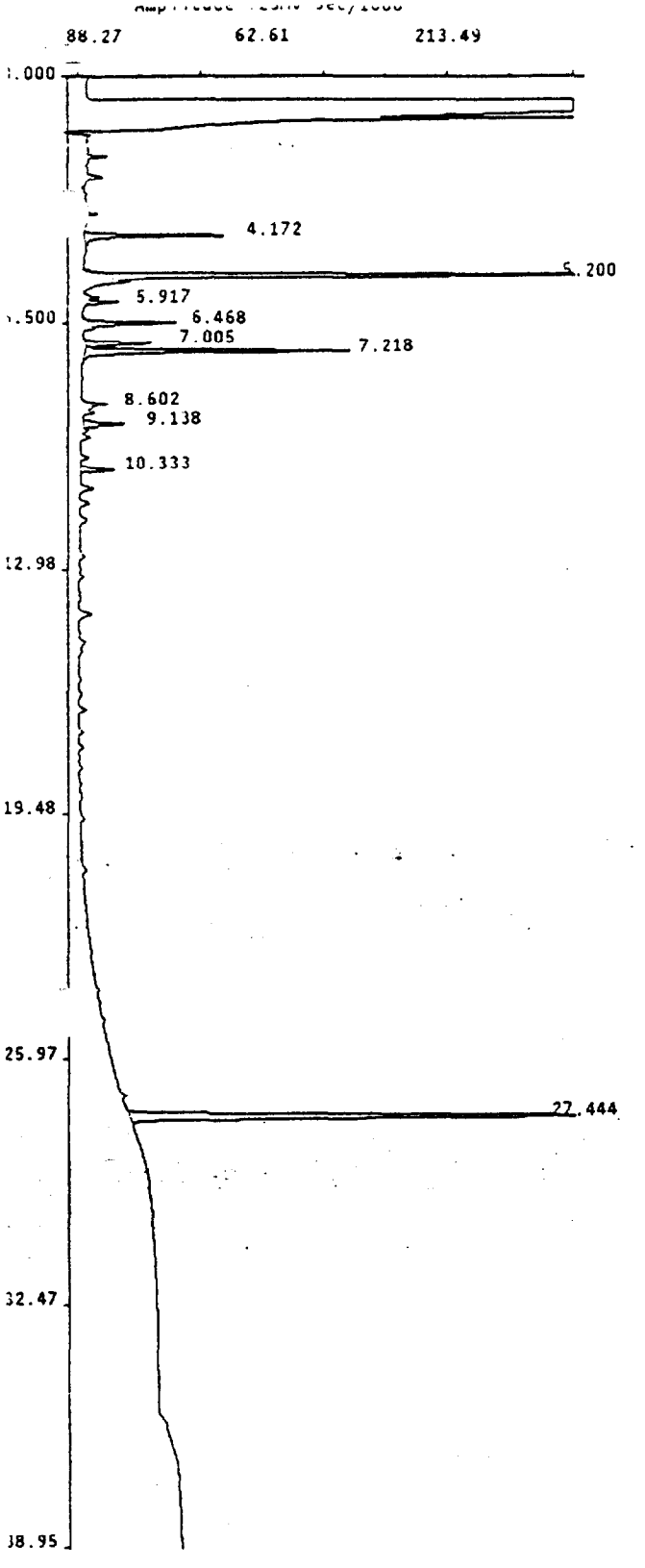
Sample Name : AR1221OA
Lab Id : AR1221OA .I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL004.RES
Inject Time : 2146 05Jul1994
Run Status : SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	4265	BB	.000	
2	7.85	10274	BB	.200	ARO-1221
3	8.96	73725	BB	.020	TCX
4	10.92	10023	BB	.200	ARO-1221-2
5	11.60	7785	BB	.200	ARO-1221-3
6	11.90	24807	BB	.200	ARO-1221-4
7	13.73	7356	BB	.200	ARO-1221-5
8	37.78	85957	BB	.020	DCB

Total Area: 224191

Method File: /DATA/METHOD/AR1221_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1204 06Jul1994



Ceimic Corporation Pest/PCB Report

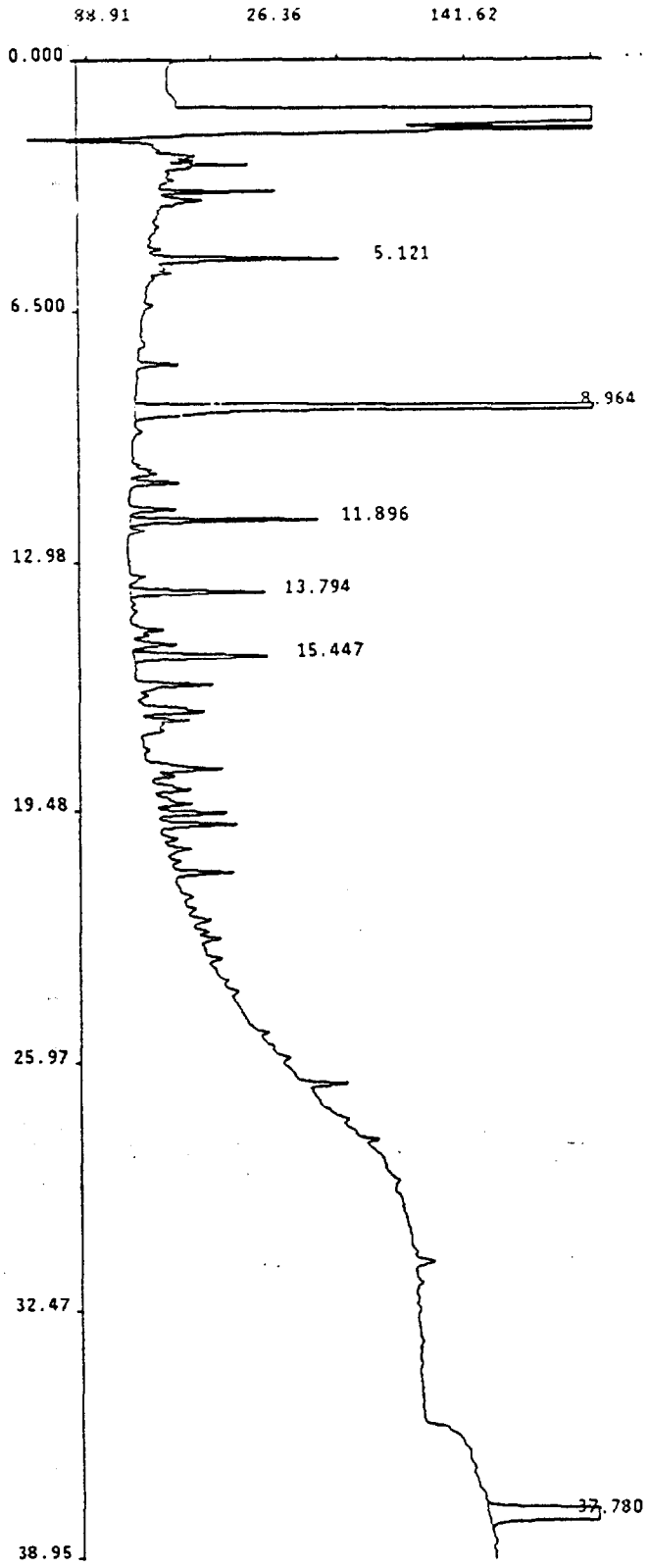
Sample Name : AR12211A
Lab Id : AR12211A .I
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL004.RES
Inject Time : 2146 05Jul1994
Run Status : EndOffBaseline
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.17	22836	BB	.200	ARO-1221
2	5.20	123362	BB	.020	TCX
3	5.92	4353	BB	.000	
4	6.47	13802	BB	.200	ARO-1221-2
5	7.01	11151	BB	.001	
6	7.22	43995	BB	.200	ARO-1221-3
7	8.60	2752	BB	.000	
8	9.14	6893	BB	.200	ARO-1221-4
9	10.33	6620	BB	.200	ARO-1221-5
10	27.44	108180	BB	.020	DCB

Total Area: 343943

Method File: /DATA/METHOD/AR1221_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1212 06Jul1994



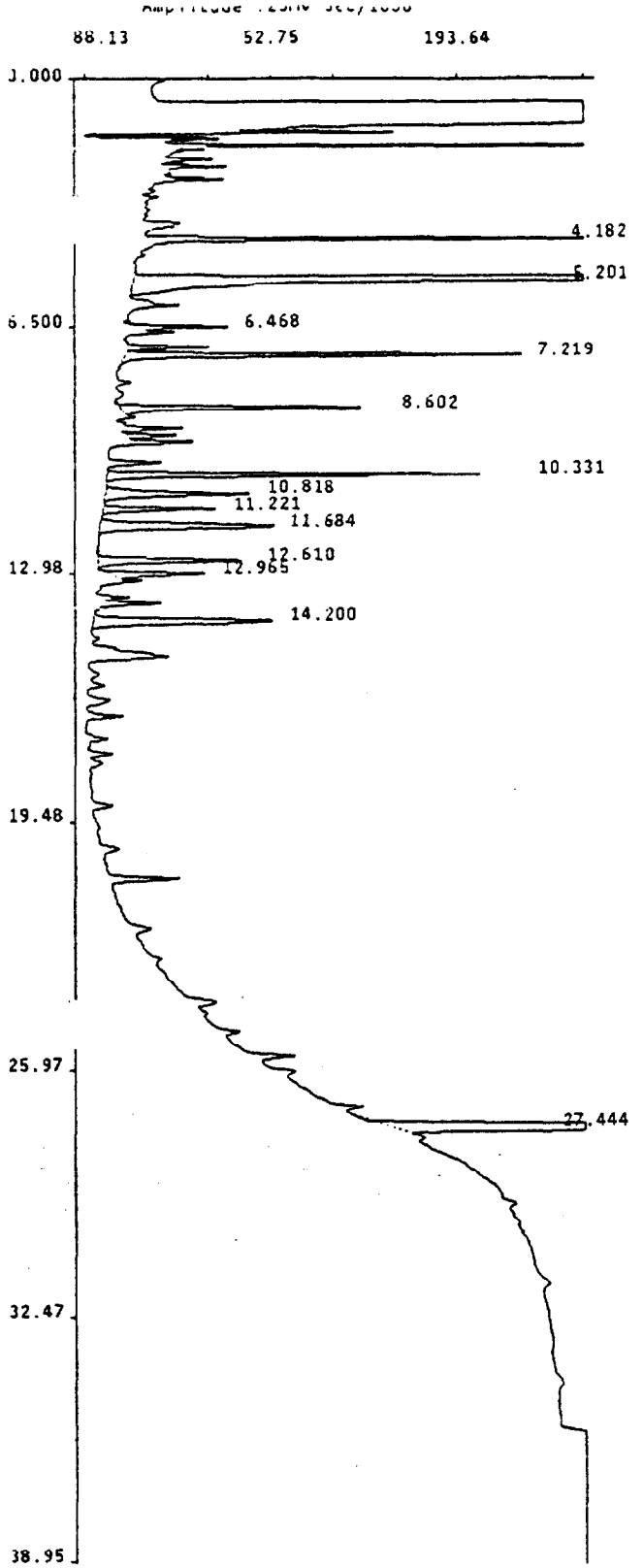
Ceimic Corporation Pest/PCB Report

Sample Name : AR12320A
Lab Id : AR12320A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL005.RES
Inject Time : 2230 05Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	5829	BB	.001	
2	8.96	69203	BB	.020	TCX
3	11.90	6272	BB	.100	ARO-1232
4	13.79	5953	BB	.100	ARO-1232-2
5	15.45	7418	BB	.100	ARO-1232-3
6	37.78	82532	BB	.020	DCB
Total Area:		177208			

Method File: /DATA/METHOD/AR1232_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1205 06Jul1994



Ceimic Corporation Pest/PCB Report

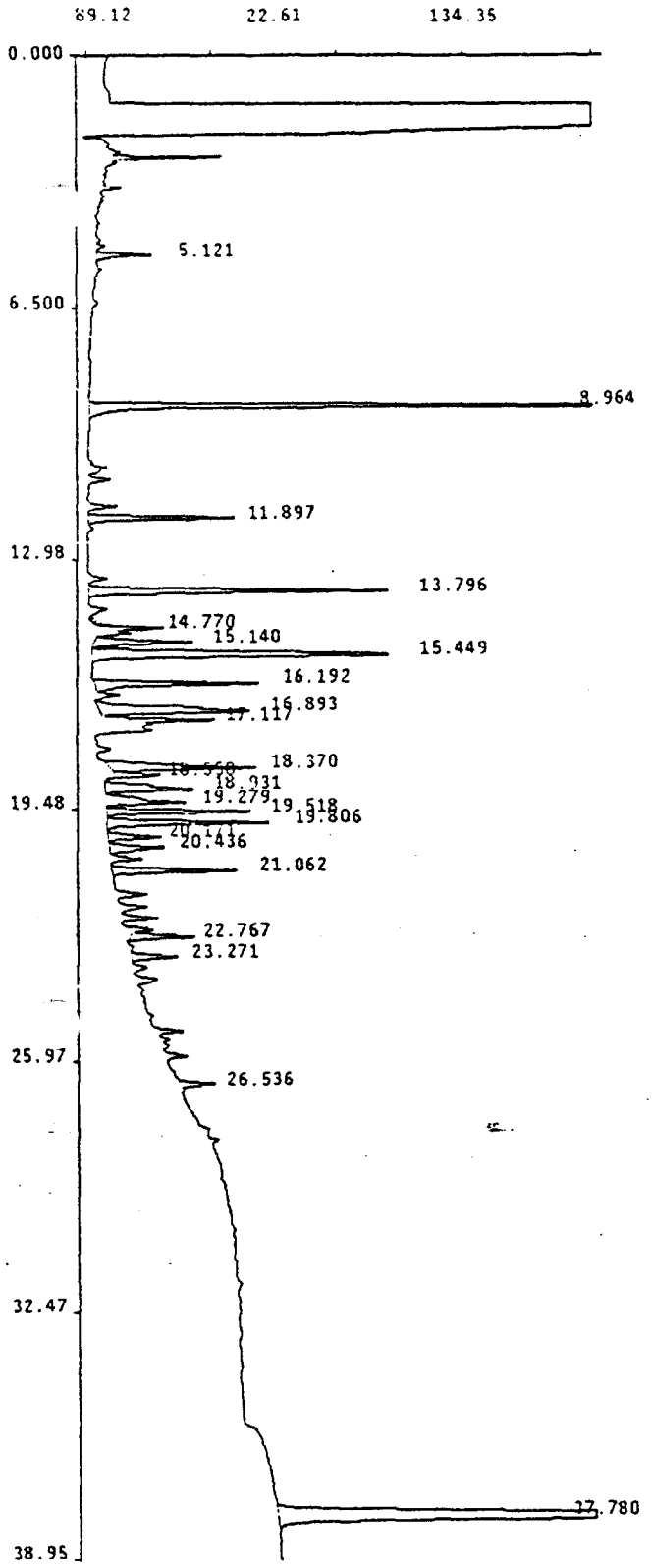
Sample Name : AR12321A
Lab Id : AR12321A .I
Inst Id & Col : AD7_1, D8_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL005.RES
Inject Time : 2230 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.18	11491	BB	.100	ARO-1232
2	5.20	115762	BB	.020	TCX
3	6.47	2068	BB	.000	
4	7.22	10948	BB	.100	ARO-1232-2
5	8.60	7436	BB	.100	ARO-1232-3
6	10.33	12329	BB	.100	ARO-1232-4
7	10.82	6022	BB	.001	
8	11.22	3686	BB	.000	
9	11.68	9130	BB	.100	ARO-1232-5
10	12.61	5818	BB	.001	
11	12.97	3250	BB	.000	
12	14.20	9158	BB	.001	
13	27.44	103285	BB	.020	DCB

Total Area:		300382			

Method File: /DATA/METHOD/AR1232_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1212 06Jul1994



Ceimic Corporation Pest/PCB Report

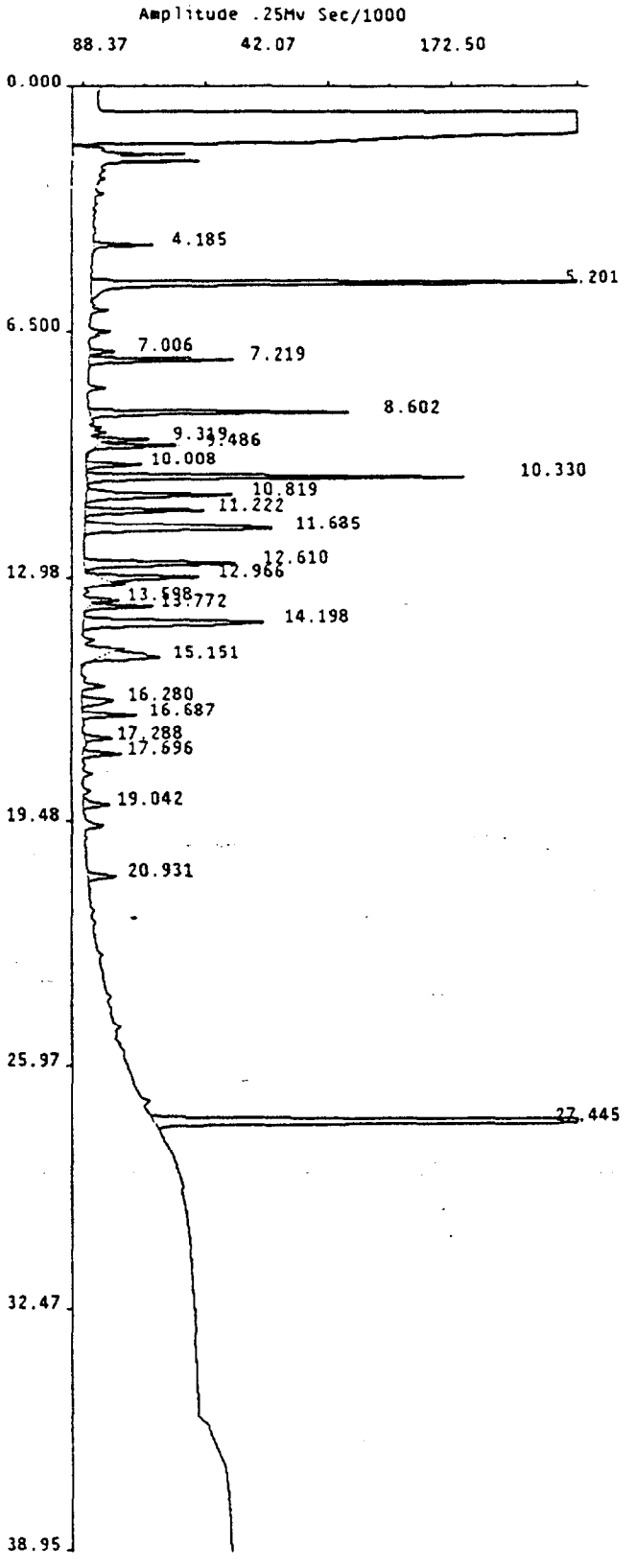
Sample Name : AR1242OA
Lab Id : AR1242OA ,I
Inst Id & Col : AD6_1. DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL006.RES
Inject Time : 2313 05Jul1994
Run Status : SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3440	BB	.000	
2	8.96	54950	BB	.020	TCX
3	11.90	9192	BB	.001	
4	13.80	22794	BB	.100	ARO-1242
5	14.77	2243	BB	.000	
6	15.14	7603	BB	.001	
7	15.45	31039	BB	.100	ARO-1242-2
8	16.19	11798	BB	.100	ARO-1242-3
9	16.89	16295	BB	.001	
10	17.12	5229	BB	.000	
11	18.37	12686	BB	.100	ARO-1242-4
12	18.56	2982	BB	.000	
13	18.93	8826	BB	.001	
14	19.28	3411	BB	.000	
15	19.52	9864	BB	.001	
16	19.81	11876	BB	.100	ARO-1242-5
17	20.17	3923	BB	.000	
18	20.44	4983	BB	.000	
19	21.06	8606	BB	.001	
20	22.77	4271	BB	.000	
21	23.27	3301	BB	.000	
22	26.54	2248	BB	.000	
23	37.78	101265	BB	.020	DCB

Total Area: 342825

Method File: /DATA/METHOD/AR1242_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1207 06Jul1994



Ceimic Corporation Pest/PCB Report

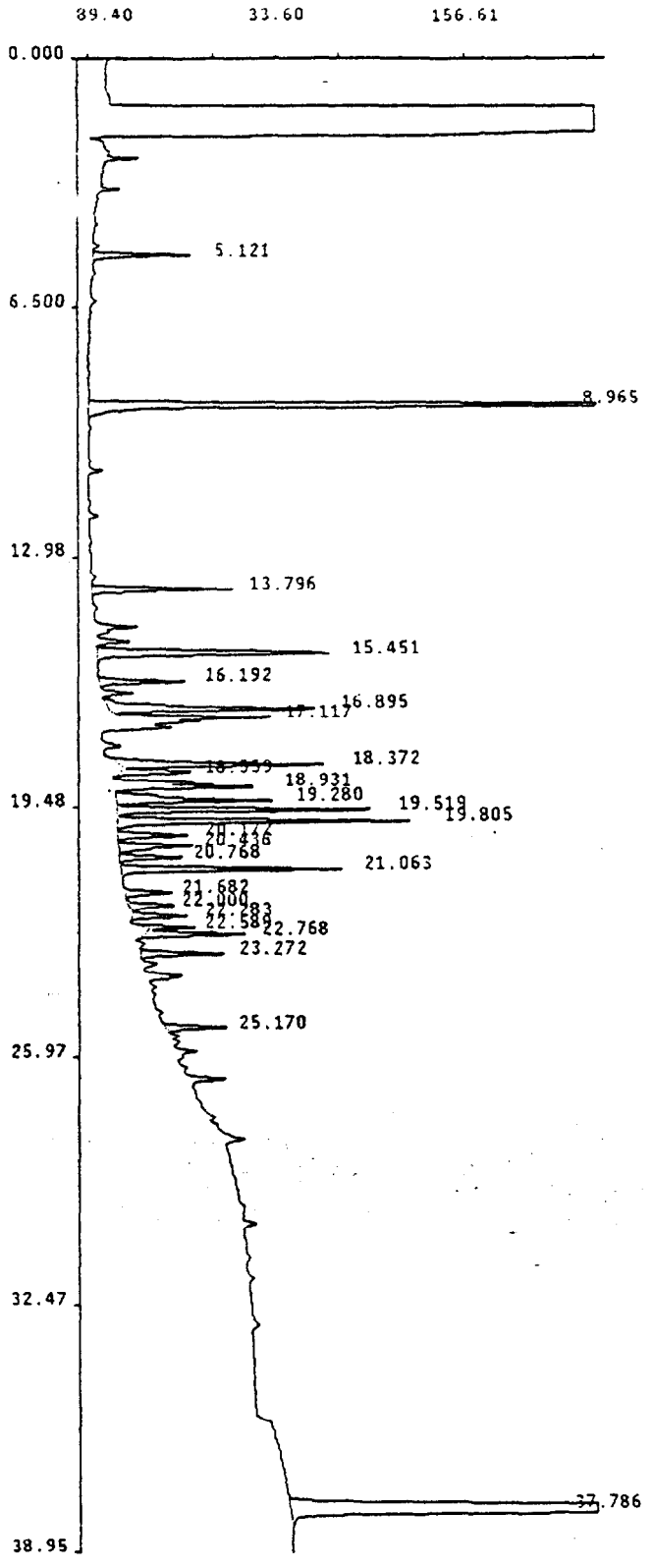
Sample Name : AR12421A
Lab Id : AR12421A ,1
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL006.RES
Inject Time : 2313 05Jul1994
Run Status : EndOffBaseline
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.18	5895	BB	.001	
2	5.20	91853	BB	.020	TCX
3	7.01	2885	BB	.000	
4	7.22	15878	BB	.001	
5	8.60	32135	BB	.100	ARO-1242
6	9.32	5654	BB	.000	
7	9.49	8563	BB	.001	
8	10.01	7166	BB	.001	
9	10.33	50504	BB	.100	ARO-1242-2
10	10.82	23724	BB	.002	
11	11.22	15658	BB	.001	
12	11.69	39953	BB	.100	ARO-1242-3
13	12.61	24815	BB	.100	ARO-1242-4
14	12.97	14074	BB	.001	
15	13.60	3358	BB	.000	
16	13.77	7715	BB	.001	
17	14.20	37655	BB	.100	ARO-1242-5
18	15.15	12111	BB	.001	
19	16.28	6651	BB	.001	
[redacted]	16.69	7297	BB	.001	
21	17.29	3685	BB	.000	
22	17.70	5404	BB	.000	
23	19.04	4307	BB	.000	
24	20.93	4403	BB	.000	
25	27.44	127604	BB	.020	DCB
		558948			

Total Area:

Method File: /DATA/METHOD/AR1242_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1211 06Jul1994



Ceimic Corporation Pest/PCB Report

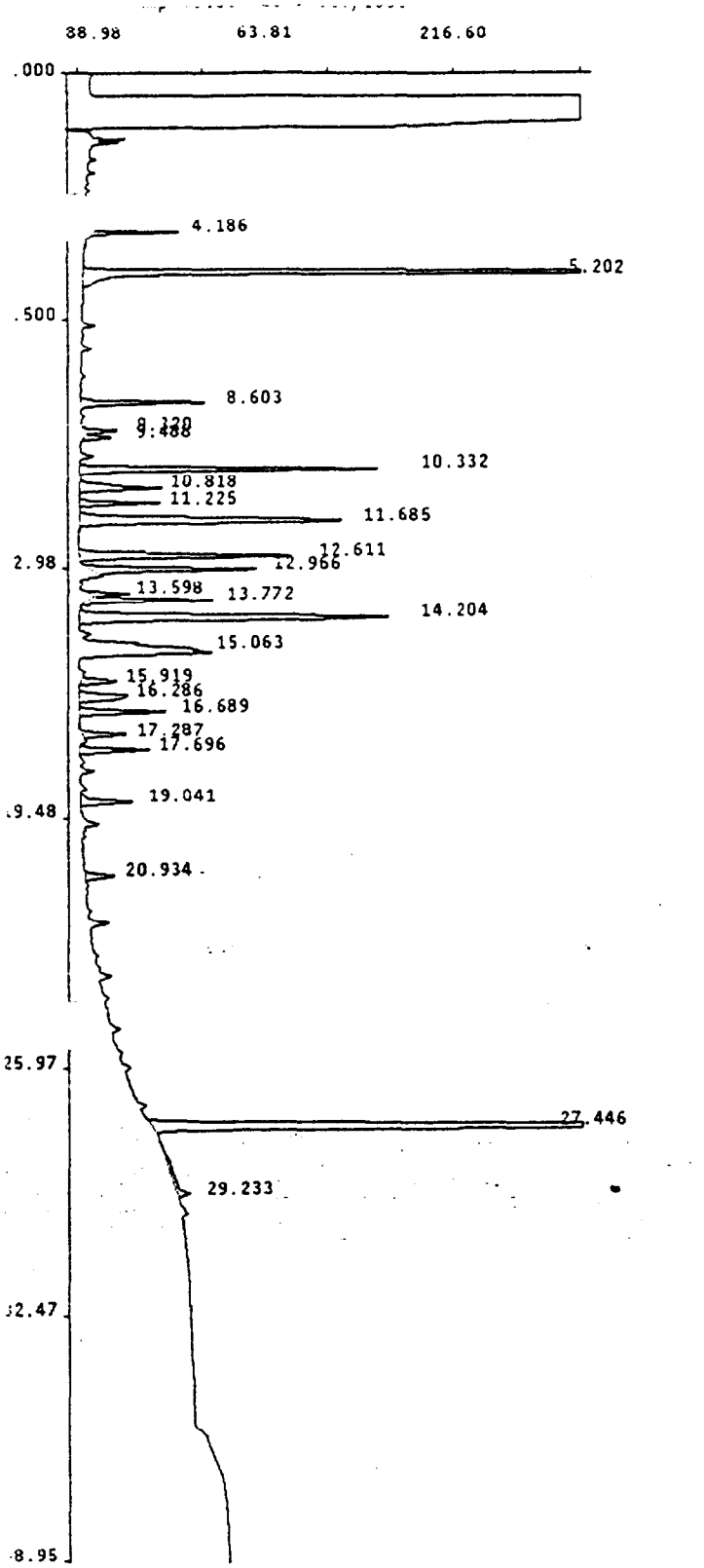
Sample Name : AR1248OA
Lab Id : AR1248OA ,1
Inst Id & Col : AD6_1, DB_608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL007.RES
Inject Time : 2356 05Jul1994
Run Status : SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	6007	BB	.001	
2	8.96	71273	BB	.020	TCX
3	13.80	9986	BB	.001	
4	15.45	23993	BB	.100	ARO-1248
5	16.19	5715	BB	.000	
6	16.89	17176	BB	.001	
7	17.12	6888	BB	.001	
8	18.37	15570	BB	.001	
9	18.56	3984	BB	.000	
10	18.93	5096	BB	.100	ARO-1248-2
11	19.28	12598	BB	.001	
12	19.52	17167	BB	.100	ARO-1248-3
13	19.81	20913	BB	.100	ARO-1248-4
14	20.17	5070	BB	.000	
15	20.44	6964	BB	.001	
16	20.77	4221	BB	.000	
17	21.06	15272	BB	.100	ARO-1248-5
18	21.68	3388	BB	.000	
19	22.00	3511	BB	.000	
20	22.28	3630	BB	.000	
21	22.59	3169	BB	.000	
22	22.77	6606	BB	.001	
23	23.27	6101	BB	.001	
24	25.17	4043	BB	.000	
25	37.79	159502	BB	.020	DCB
		437843			

Total Area:

Method File: /DATA/METHOD/AR1248_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1212 06Jul1994



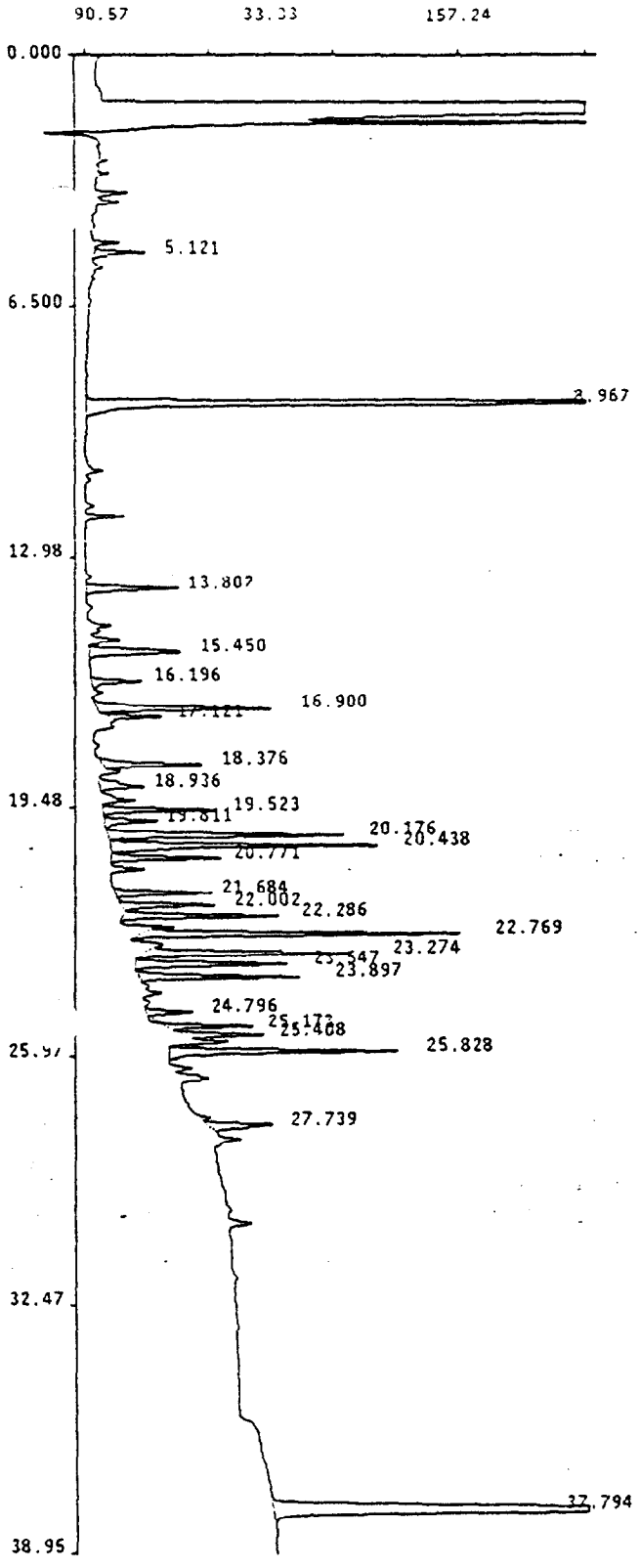
Ceimic Corporation Pest/PCB Report

Sample Name : AR12481A
Lab Id : AR12481A ,1
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL007.RES
Inject Time : 2356 05Jul1994
Run Status : EndOffBaseline
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	8687	BB	.001	
2	5.20	119920	BB	.020	TCX
3	8.60	15525	BB	.001	
4	9.32	3313	BB	.000	
5	9.49	2856	BB	.000	
6	10.33	39255	BB	.100	ARO-1248
7	10.82	14306	BB	.001	
8	11.22	10577	BB	.001	
9	11.68	55850	BB	.100	ARO-1248-2
10	12.61	33441	BB	.100	ARO-1248-3
11	12.97	23295	BB	.002	
12	13.60	4346	BB	.000	
13	13.77	15457	BB	.001	
14	14.20	64629	BB	.100	ARO-1248-4
15	15.06	2101	BB	.000	
16	15.92	5005	BB	.000	
17	16.29	11302	BB	.001	
18	16.69	11954	BB	.100	ARO-1248-5
19	17.29	5694	BB	.000	
20	17.70	9552	BB	.001	
21	19.04	8275	BB	.001	
22	20.93	4656	BB	.000	
23	27.45	201475	BB	.020	DCB
24	29.23	5485	BB	.000	
Total Area:		676958			

Method File: /DATA/METHOD/AR1248_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1218 06Jul1994



Ceimic Corporation Pest/PCB Report

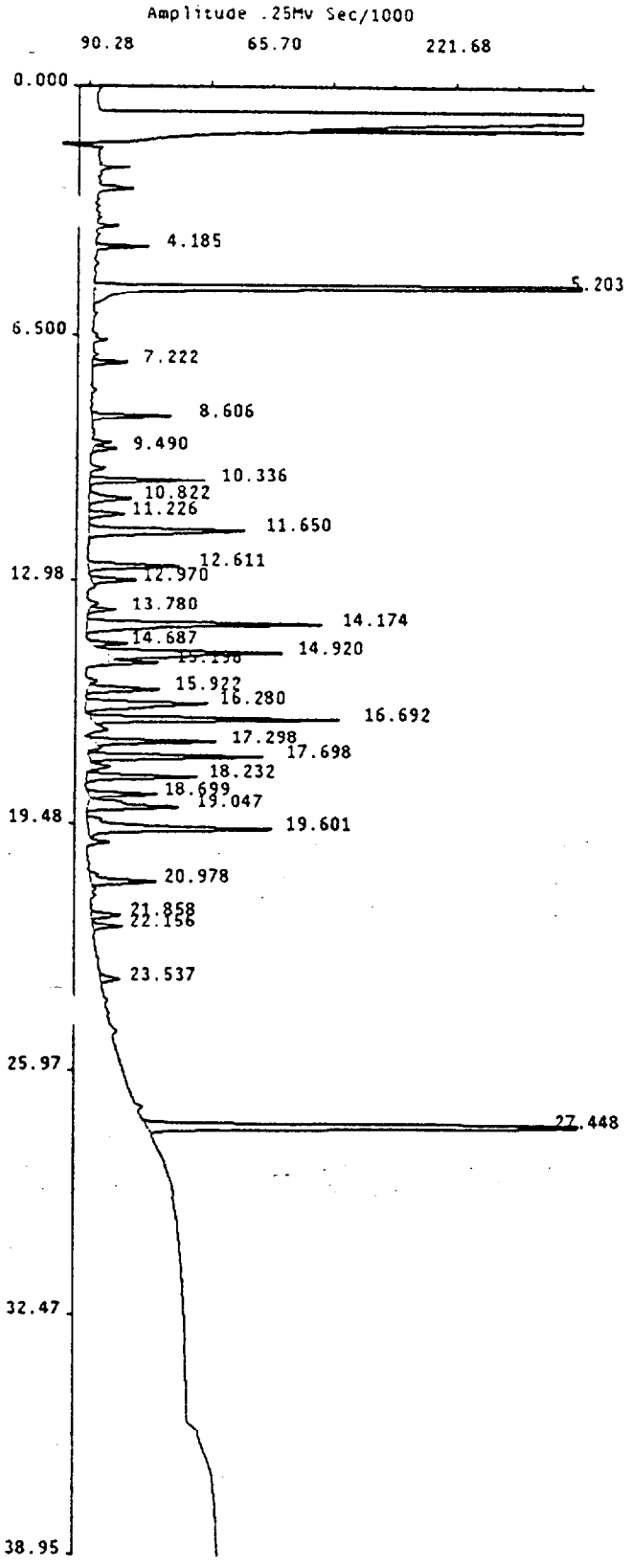
Sample Name : AR12540A
Lab Id : AR12540A ,I
Inst Id & Col : AD6_1, DB-608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL008.RES
Inject Time : 0040 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3169	BB	.000	
2	8.97	86587	BB	.020	TCX
3	13.80	7043	BB	.001	
4	15.45	9428	BB	.001	
5	16.20	3513	BB	.000	
6	16.90	13315	BB	.001	
7	17.12	3162	BB	.000	
8	18.38	7379	BB	.001	
9	18.94	4048	BB	.000	
10	19.52	7567	BB	.001	
11	19.81	3950	BB	.000	
12	20.18	17803	BB	.100	ARO-1254
13	20.44	21220	BB	.100	ARO-1254-2
14	20.77	7457	BB	.001	
15	21.68	6856	BB	.001	
16	22.00	6763	BB	.001	
17	22.29	10275	BB	.001	
18	22.77	21929	BB	.100	ARO-1254-3
19	23.27	15532	BB	.100	ARO-1254-4
20	23.55	11249	BB	.001	
21	23.90	13189	BB	.001	
22	24.80	3120	BB	.000	
23	25.17	4902	BB	.000	
24	25.41	5095	BB	.000	
25	25.83	17208	BB	.100	ARO-1254-5
26	27.74	6056	BB	.001	
27	37.79	84531	BB	.020	DCB

Total Area: 402348

Method File: /DATA/METHOD/AR1254_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1216 06Jul1994



Ceimic Corporation Pest/PCB Report

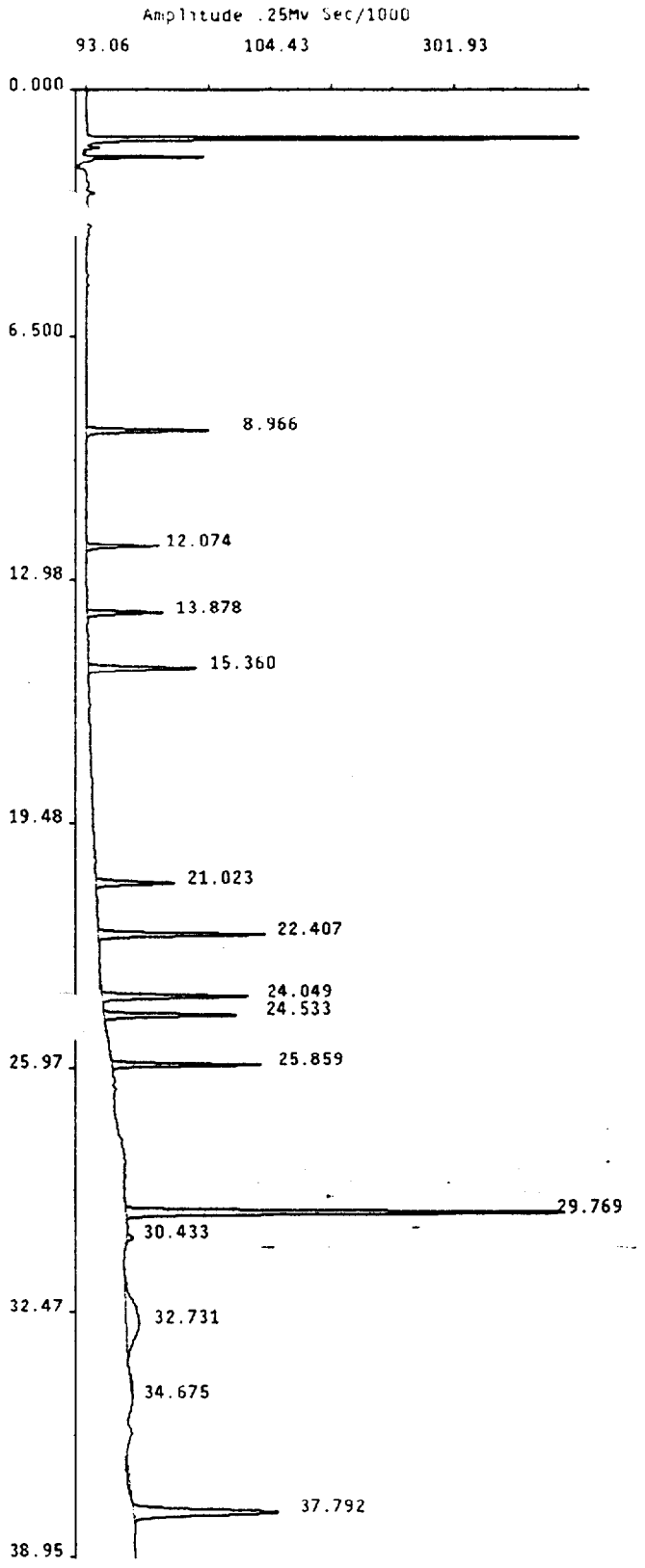
Sample Name : AR12541A
Lab Id : AR12541A ,1
Inst Id & Col : AD7_1, D8_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL008.RES
Inject Time : 0040 06Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	5105	BB	.000	
2	5.20	145031	BB	.020	TCX
3	7.22	4127	BB	.000	
4	8.61	10438	BB	.001	
5	9.49	2722	BB	.000	
6	10.34	15750	BB	.001	
7	10.82	7519	BB	.001	
8	11.23	4806	BB	.000	
9	11.65	30083	BB	.003	
10	12.61	14580	BB	.001	
11	12.97	6545	BB	.001	
12	13.78	3834	BB	.000	
13	14.17	42610	BB	.100	ARO-1254
14	14.69	4585	BB	.000	
15	14.92	33286	BB	.003	
16	15.20	5398	BB	.000	
17	15.92	11090	BB	.001	
18	16.28	25183	BB	.100	ARO-1254-2
19	16.69	34810	BB	.100	ARO-1254-3
20	17.30	17377	BB	.002	
21	17.70	26110	BB	.100	ARO-1254-4
22	18.23	16307	BB	.001	
23	18.70	10112	BB	.001	
24	19.05	18222	BB	.002	
25	19.60	36229	BB	.100	ARO-1254-5
26	20.98	11472	BB	.001	
27	21.86	4405	BB	.000	
28	22.16	4279	BB	.000	
29	23.54	3405	BB	.000	
30	27.45	107198	BB	.020	DC8

Total Area:		662616			

Method File: /DATA/METHOD/AR1254_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1221 06Jul1994



Ceimic Corporation Pest/PCB Report

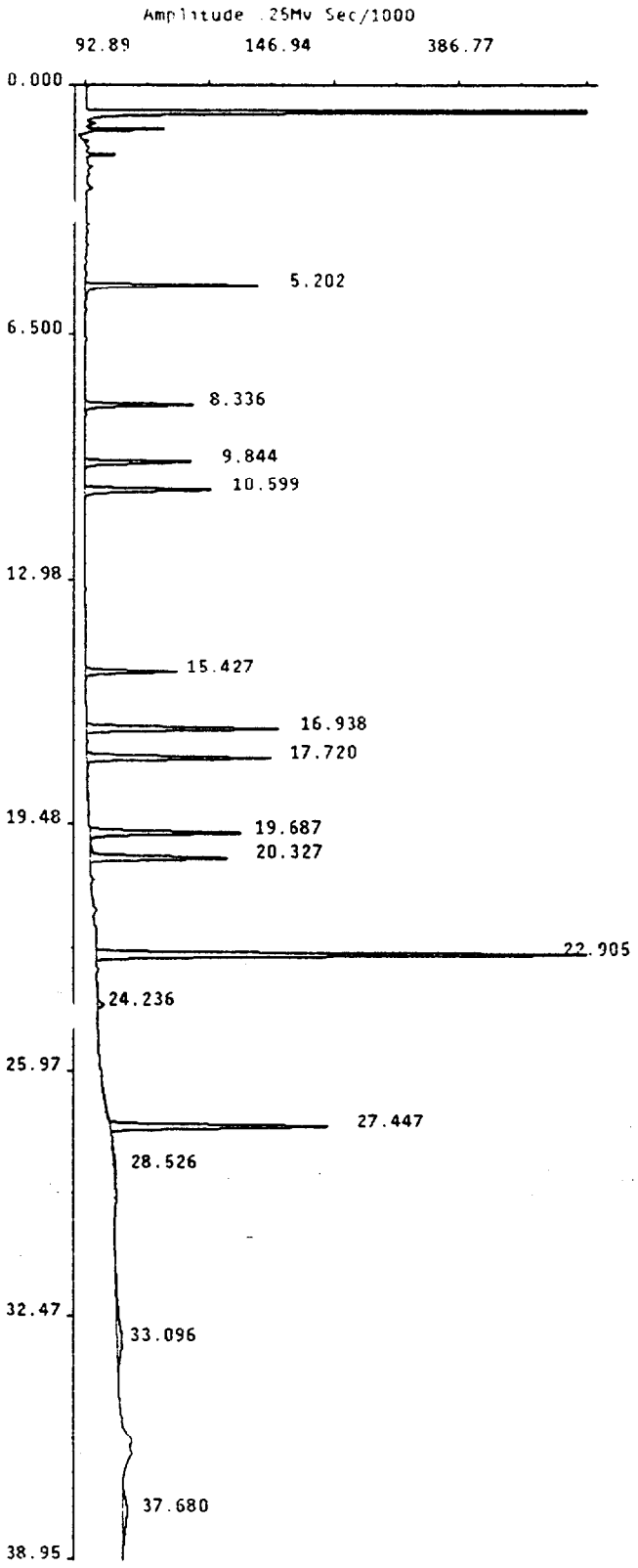
Sample Name : INDAMOC
Lab Id : INDAMOC
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL01S.RES
Inject Time : 0210 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	72487	BB	.020	TCX
2	12.07	44340	BB	.022	ALPHA-BHC
3	13.88	46770	BB	.022	GAMMA-BHC
4	15.36	75462	BB	.021	HEPTACHLOR
5	21.02	54025	BB	.021	ENDOSULF. I
6	22.41	109639	BB	.041	DIELDRIN
7	24.05	95887	BB	.041	ENDRIN
8	24.53	84742	BB	.042	4,4'-DDD
9	25.86	92840	BB	.043	4,4'-DDT
10	29.77	318284	BB	.217	METHOXYCHLOR
11	30.43	5458	BB	.003	ENDRIN KETON
12	32.73	93551	BB	.075	
13	34.67	5162	BB	.004	
14	37.79	157906	BB	.036	DCB

Total Area: 1256554

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0929 19Jul1994



Ceimic Corporation Pest/PCB Report

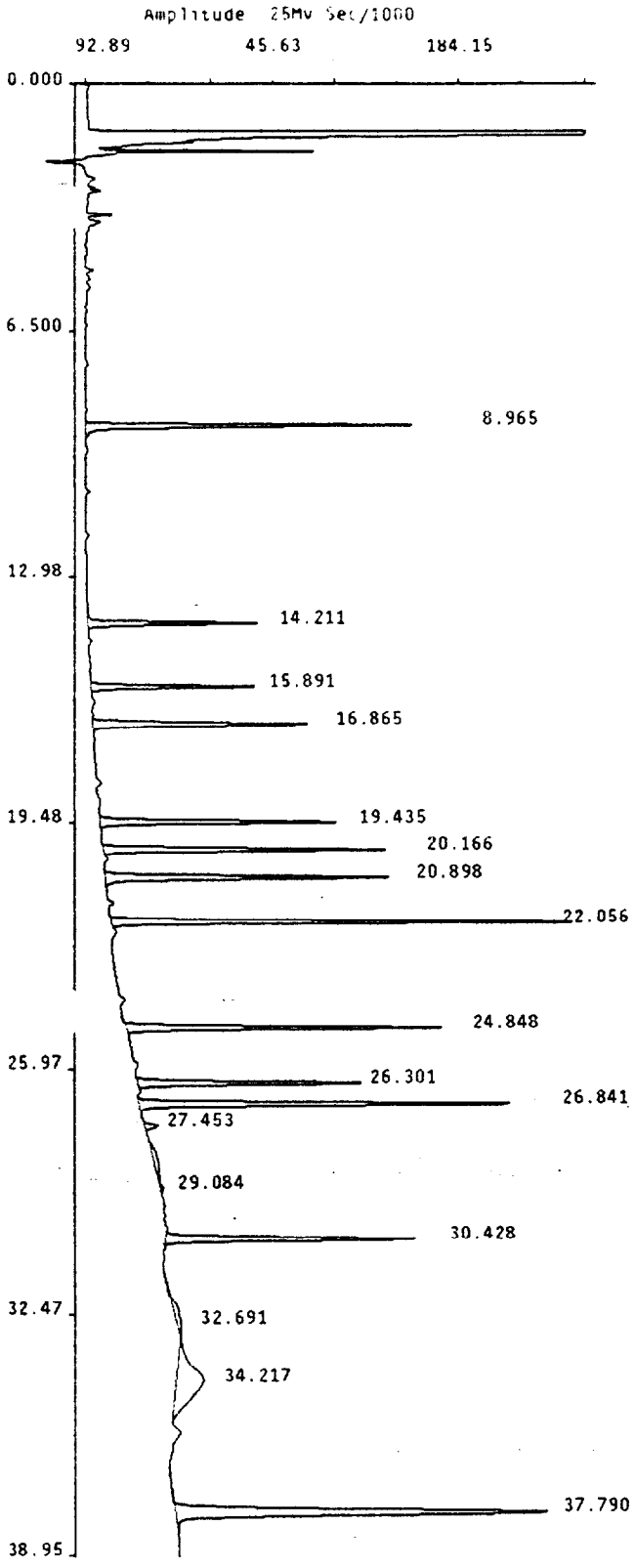
Sample Name : INDAM1C
Lab Id : INDAM1C
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL015.RES
Inject Time : 0210 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	118581	BB	.020	TCX
2	8.34	78838	BB	.022	ALPHA-BHC
3	9.84	85874	BB	.022	GAMMA-BHC
4	10.60	115182	BB	.021	HEPTACHLOR
5	15.43	86753	BB	.021	ENDOSULF. I
6	16.94	174410	BB	.042	DIELDRIN
7	17.72	170667	BB	.041	ENDRIN
8	19.69	138553	BB	.040	4,4'-DDD
9	20.33	137534	BB	.043	4,4'-DDT
10	22.91	466350	BB	.222	METHOXYCHLOR
11	24.24	8666	BB	.003	ENDRIN KETON
12	27.45	208446	BB	.038	DCB
13	28.53	9129	BB	.001	
14	33.10	56734	BB	.006	
15	37.68	32066	BB	.003	

Total Area:		1887781			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1008 19Jul1994



Ceimic Corporation Pest/PCB Report

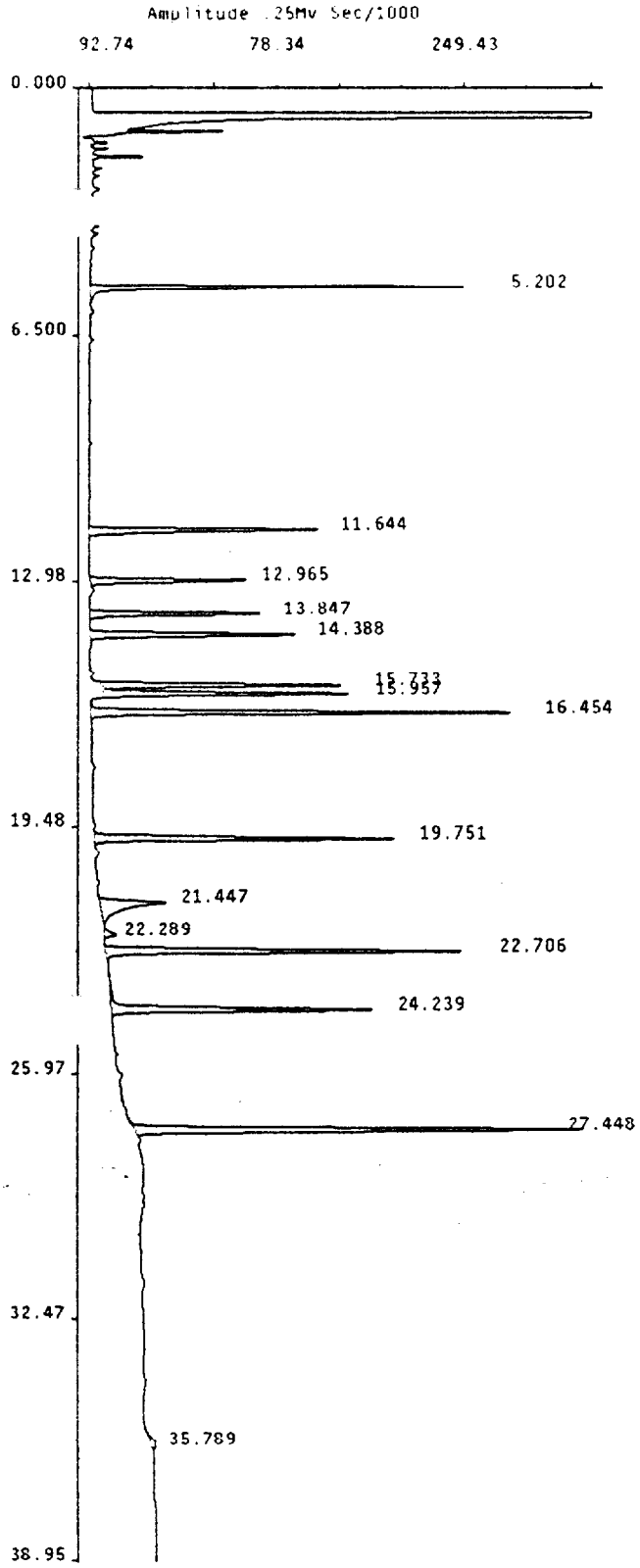
Sample Name : INDBMOC
Lab Id : INDBMOC
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL016.RES
Inject Time : 0253 19Jul1994
Run Status : RunStatusOK

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	81677	BB	.023	TCX
2	14.21	43856	BB	.023	BETA-BHC
3	15.89	41466	BB	.024	DELTA-BHC
4	16.87	64536	BB	.021	ALDRIN
5	19.43	69146	BB	.022	H. EPOXIDE
6	20.17	84120	BB	.021	G. CHLORDANE
7	20.90	84653	BB	.021	A. CHLORDANE
8	22.06	120648	BB	.044	4,4'-DDE
9	24.85	87604	BB	.044	ENDOSULF. II
10	26.30	62610	BB	.041	ENDRIN ALDEH
11	26.84	113493	BB	.044	ENDO. SULFAT
12	27.45	4401	BB	.004	
13	29.08	9763	BB	.008	
14	30.43	85091	BB	.048	ENDRIN KETON
15	32.69	7402	BB	.006	
16	34.22	76611	BB	.062	
17	37.79	187369	BB	.043	DCB

Total Area: 1224449

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0931 19Jul1994



Ceimic Corporation Pest/PCB Report

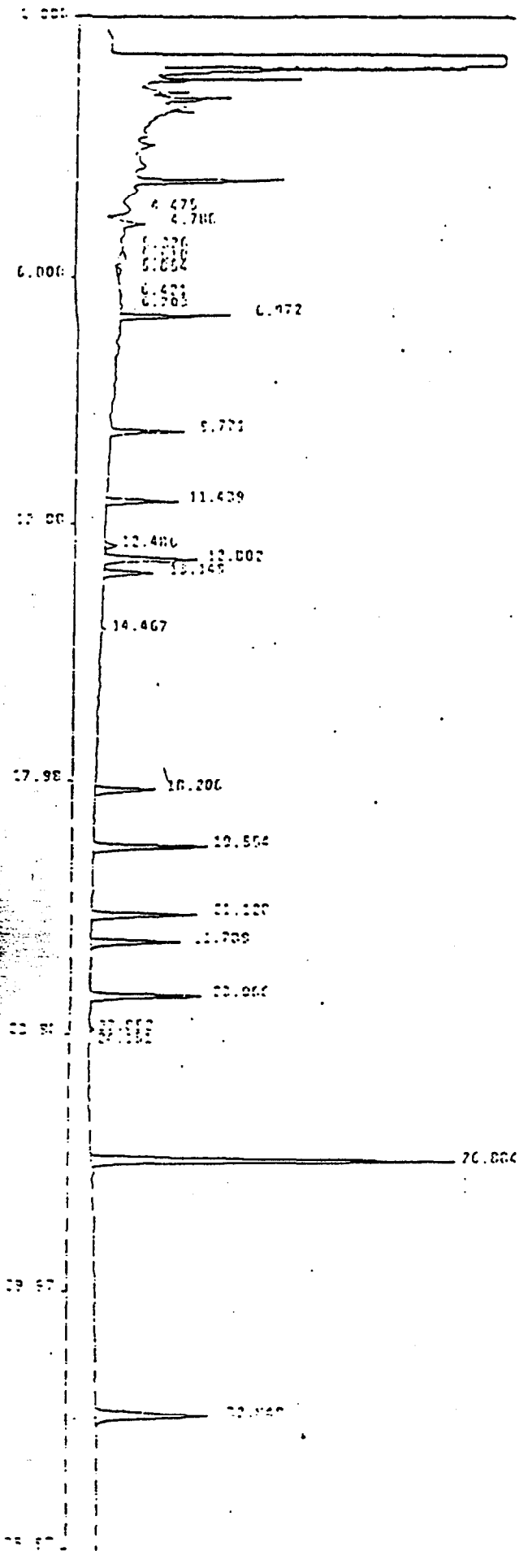
Sample Name : INDBM1C
Lab Id : INDBM1C
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL016.RES
Inject Time : 0253 19Jul1994
Run Status : RunStatusOK

ff 7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	134120	BB	.023	TCX
2	11.64	106494	BB	.021	ALDRIN
3	12.97	68818	BB	.022	BETA-BHC
4	13.85	72580	BB	.024	DELTA-BHC
5	14.39	104006	BB	.022	H. EPOXIDE
6	15.73	115212	BB	.022	G. CHLORDANE
7	15.96	113211	BB	.022	A. CHLORDANE
8	16.45	205476	BB	.043	4,4'-DDE
9	19.75	150163	BB	.046	ENDOSULF. II
10	21.45	69522	BB	.042	ENDRIN ALDEH
11	22.29	7235	BB	.001	
12	22.71	179959	BB	.044	ENDO. SULFAT
13	24.24	138173	BB	.048	ENDRIN KETON
14	27.45	233875	BB	.042	DCB
15	35.79	5959	BB	.001	

Total Area:		1704802			

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1009 19Jul1994



Genie Corporation Research Report

Sample Name : FL010793
Lab Id : L10793
Inst Id & Col : AD9_1, DB60B
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/L9P17JAN013.RES
Inject Time : 1718 17Jan1994
Run Status : RunStatusOK
EndOffBaseline

SF=1

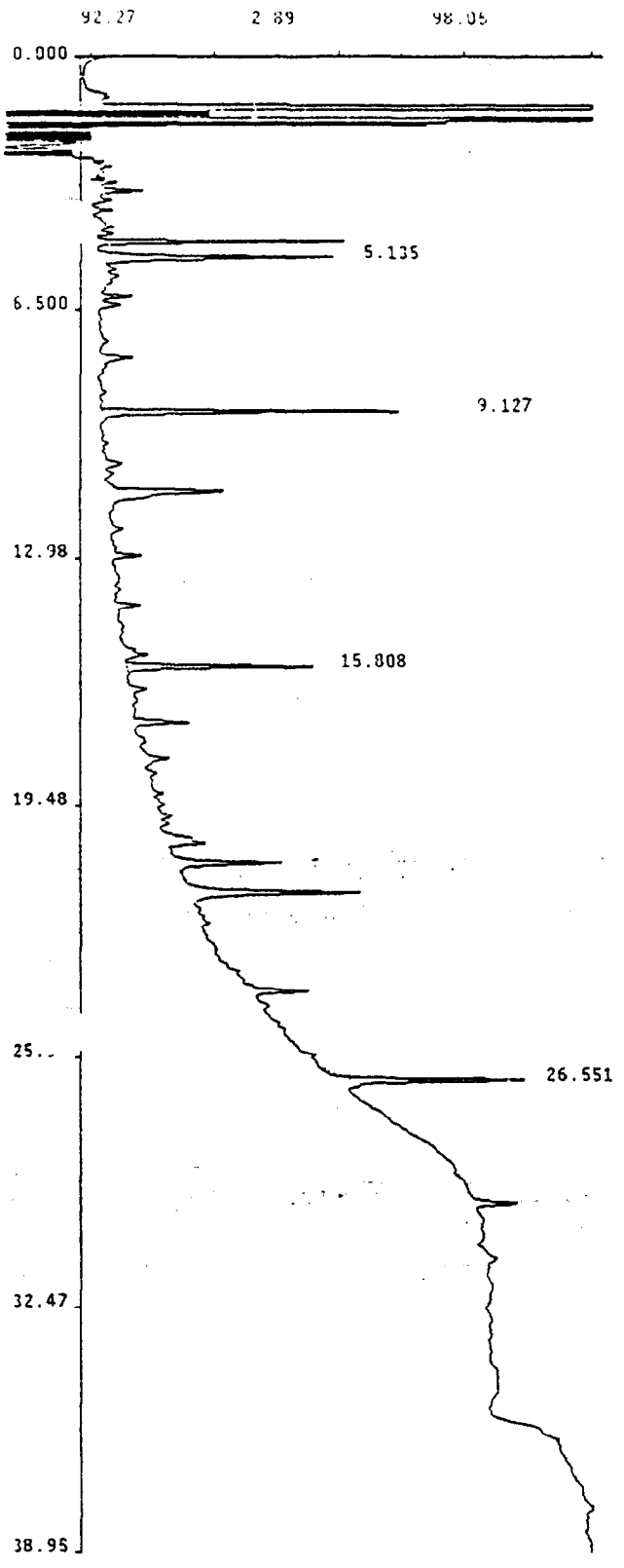
Multilevel : False
Application : Loop
Quantitation: AreaUnits

1-18-94

Pk #	RT	Area	Code	MASSng	Name
1	4.47	21857	BB	.005	
2	4.79	21520	BB	.005	
3	5.33	2035	BB	.000	
4	5.61	10331	BB	.002	
5	5.85	6060	BB	.001	
6	6.42	2694	BB	.001	
7	6.70	1081	BB	.000	
8	6.97	52784	BB	.009	TCX
9	9.77	38976	BB	.009	ALPHA-BHC
10	11.44	40261	BB	.009	GAMMA-BHC
11	12.49	7934	BB.	.002	
12	12.80	60334	BB	.009	HEPTACHLOR
13	13.15	32404	BB	.007	
14	14.47	2702	BB	.001	
15	18.21	43340	BB	.010	ENDOSULF. I
16	19.55	75928	BB	.018	DIELDRIN
17	21.13	70944	BB	.019	ENDRIN
18	21.79	58819	BB	.018	4,4'-DDD
19	23.07	69265	BB	.019	4,4'-DDT
20	23.85	3183	BB	.001	~~ENDO. SULFAT~~ 1-18-94
21	24.15	1775	BB	.000	
22	26.88	221155	BB	.098	METHOXYCHLOR
23	32.85	107826	BB	.019	DCB

Total Area: 954016

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1349 18Jan1994



Ceimic Corporation Pest/PCB Report

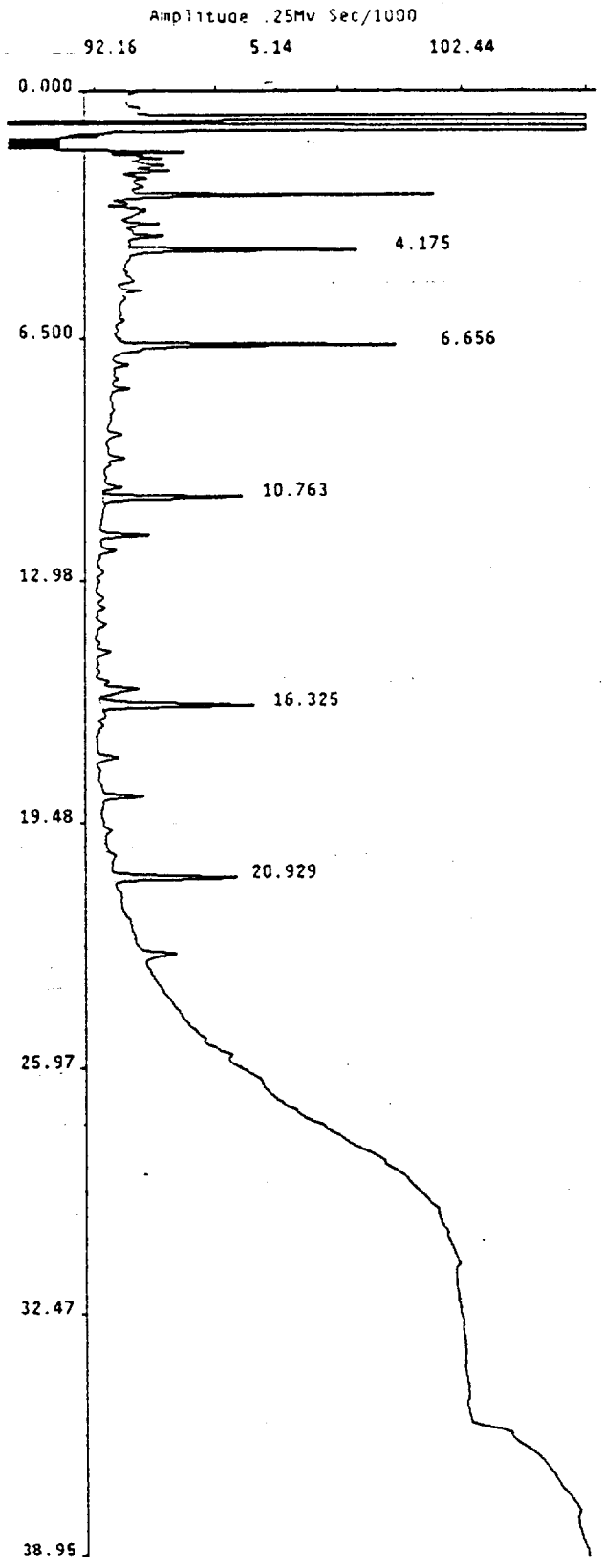
Sample Name : GPC BLANK
Lab Id : PGPC0714-B1
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P12JUL047.RES
Inject Time : 1645 14Jul1994
Run Status : RunStatusOK
NoReference

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.13	3874	BB	.003	
2	9.13	4723	BB	.004	
3	15.81	3193	BB	.003	
4	26.55	2616	BB	.002	
		14404			

Total Area:

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1125 19Jul1994



Ceimic Corporation Pest/PCB Report

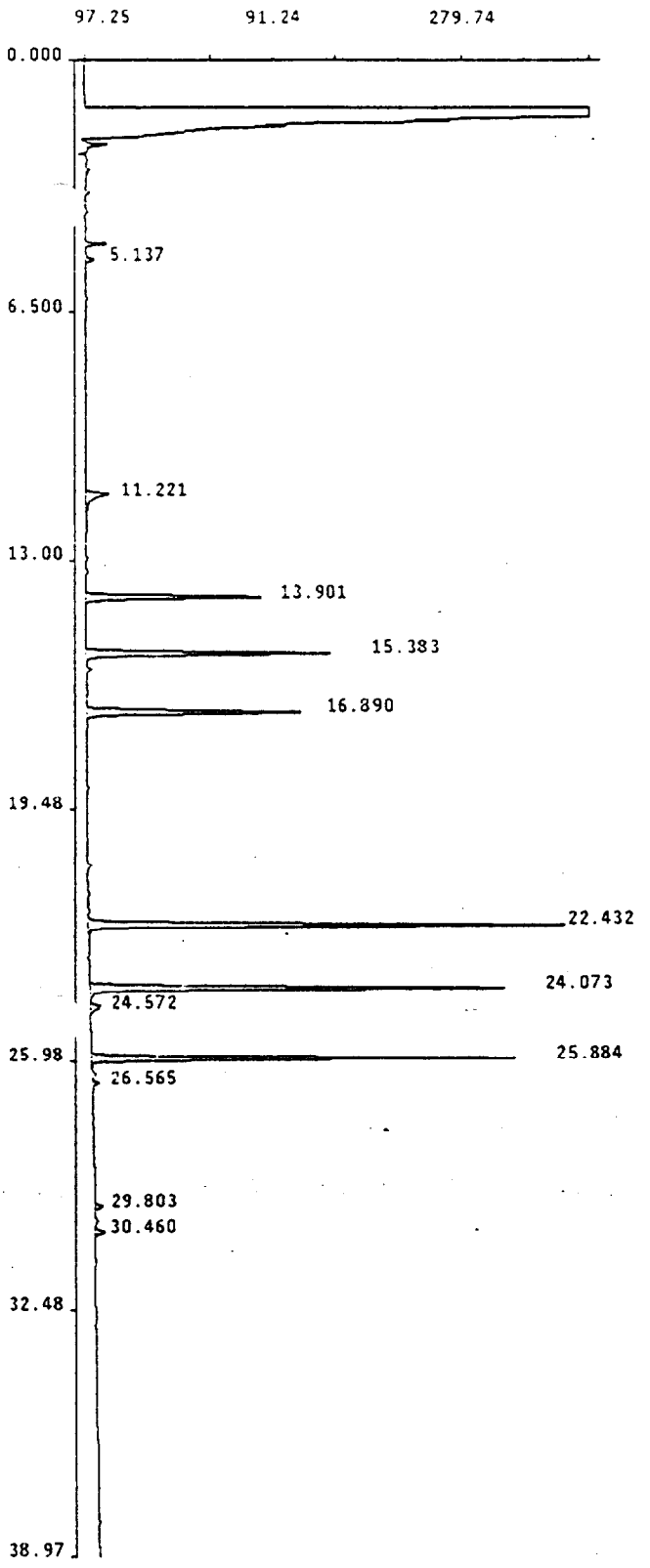
Sample Name : GPC BLANK
Lab Id : PGPC0714-81
Inst Id & Col : AD7_1, 081701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P12JUL047.RES
Inject Time : 1645 14Jul1994
Run Status : RunStatusOK
NoReference

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.18	5428	BB	.001	
2	6.66	5838	BB	.001	
3	10.76	4251	BB	.000	
4	16.33	5318	BB	.001	
5	20.93	4240	BB	.000	

Total Area: 25075

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1125 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : GPC CHECK #1
Lab Id : CC0714-CK1
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P16JUL018.RES
Inject Time : 1145 17Jul1994
Run Status : NoReference
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.14	4185	BB	.003	
2	11.22	23429	BB	.019	
3	13.90	90733	BB	.043	GAMMA-BHC
4	15.38	147242	BB	.041	HEPTACHLOR
5	16.89	121532	BB	.040	ALDRIN
6	22.43	264887	BB	.099	DIELDRIN
7	24.07	229554	BB	.098	ENDRIN
8	24.57	7465	BB	.004	~~4,4'-DDD~~
9	25.88	224719	BB	.103	4,4'-DDT
10	26.57	2774	BB	.002	
11	29.80	4760	BB	.003	~~METHOXYCHLOR~~
12	30.46	5886	BB	.003	~~ENDRIN KETON~~

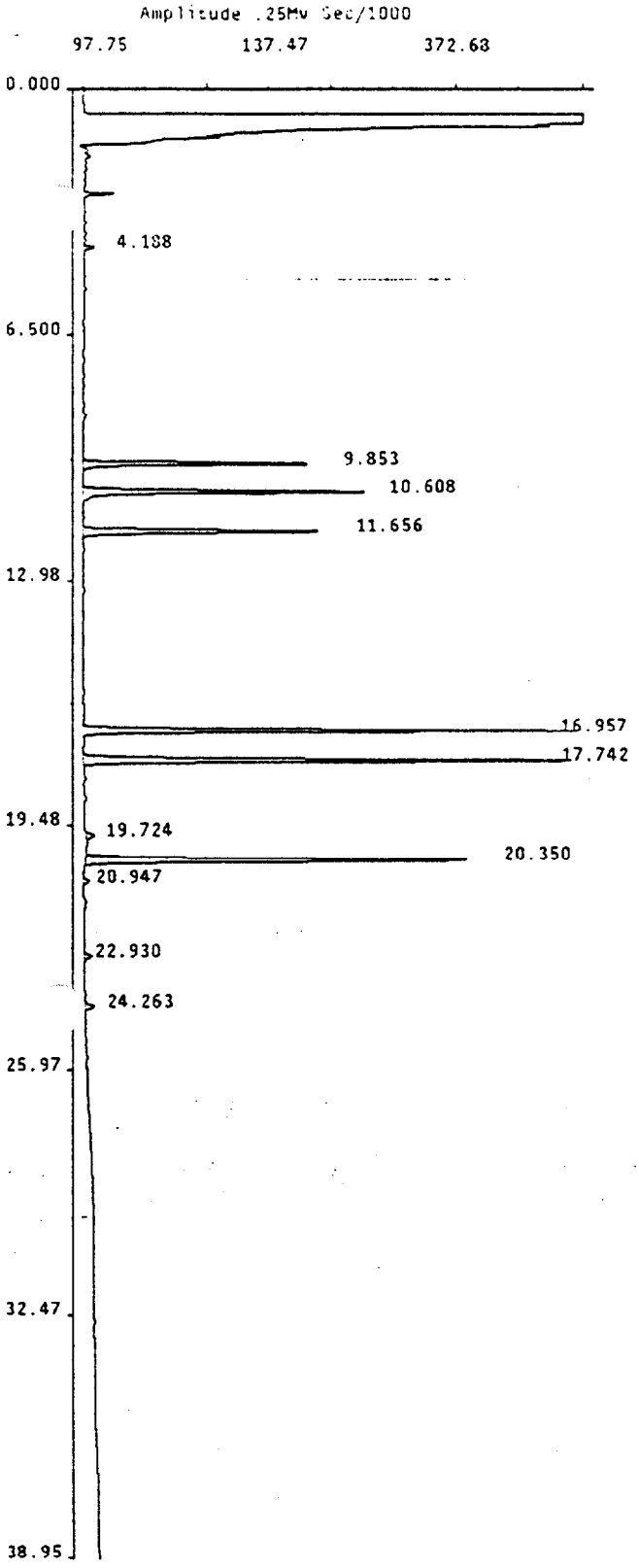
7-19-94

7-19-94

7-19-94

Total Area: 1127166

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1129 19Jul1994



Ceimic Corporation Pest/PCB Report

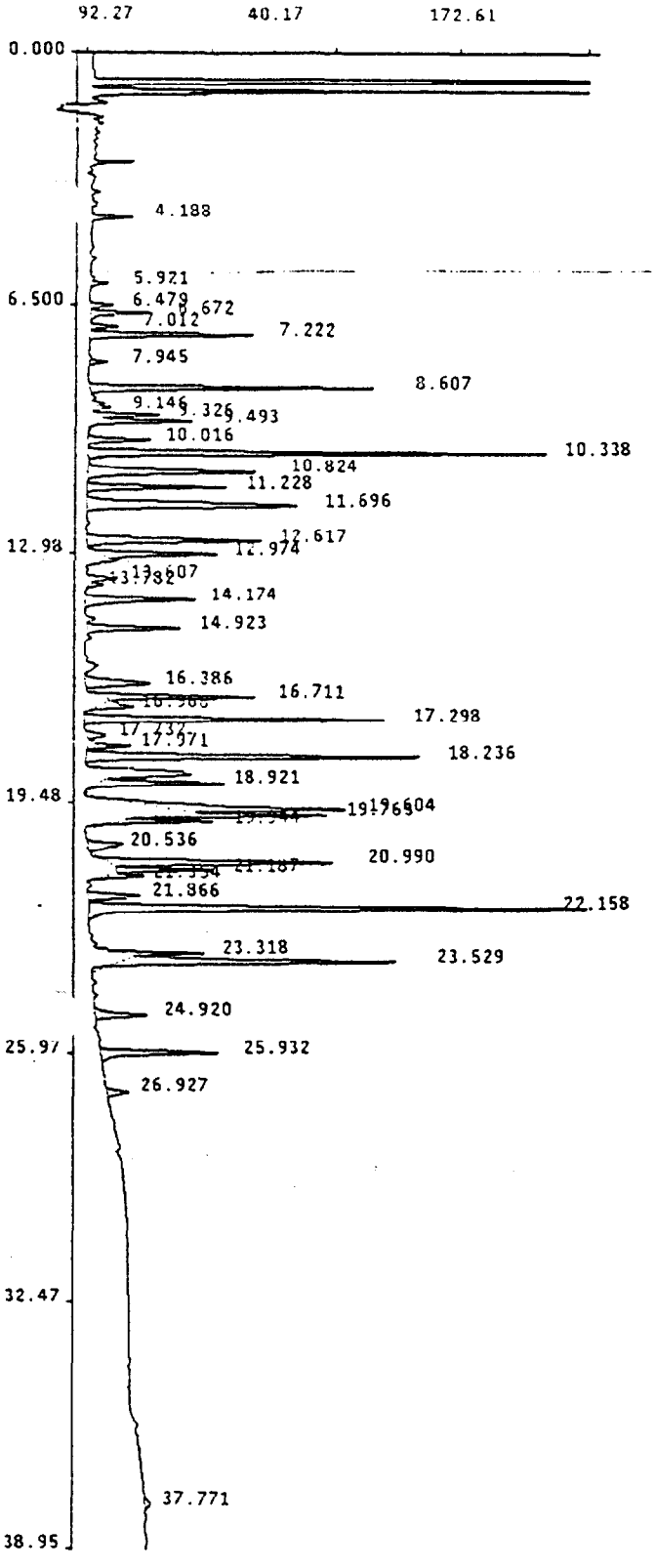
Sample Name : CAL CHECK #1
Lab Id : CC0714-CK1
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P16JUL018.RES
Inject Time : 1145 17Jul1994
Run Status : NoReference
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	6489	BB	.001	
2	9.85	171434	BB	.043	GAMMA-BHC
3	10.61	233765	BB	.043	HEPTACHLOR
4	11.66	203768	BB	.041	ALDRIN
5	16.96	409302	BB	.098	DIELDRIN
6	17.74	396207	BB	.096	ENDRIN
7	19.72	7404	BB	.002	~~4,4'-DDD~~
8	20.35	327507	BB	.103	4,4'-DDT
9	20.95	4728	BB	.000	
10	22.93	7343	BB	.003	~~METHOXYCHLOR~~
11	24.26	9086	BB	.003	~~ENDRIN KETON~~
Total Area:		1777034			

7-19-94
7-19-94
7-19-94

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1128 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CAL CHECK #2
Lab Id : CC0714-CK2
Inst Id & Col : AD7_1, D8_1701
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P12JUL050.RES
Inject Time : 1855 14Jul1994
Run Status : RunStatusOK
EndOffBaseline
NoReference

7-14-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	7138	BB	.001	
2	5.92	3545	BB	.000	
3	6.48	4760	BB	.000	
4	6.67	12891	BB	.001	
5	7.01	6003	BB	.001	
6	7.22	34413	BB	.188	ARO-1016
7	7.94	3777	BB	.000	
8	8.61	64789	BB	.172	ARO-1016-2
9	9.15	2750	BB	.000	
10	9.33	11852	BB	.001	
11	9.49	17760	BB	.002	
12	10.02	15820	BB	.001	
13	10.34	109149	BB	.180	ARO-1016-3
14	10.82	54159	BB	.005	
15	11.23	33551	BB	.003	
16	11.70	83167	BB	.174	ARO-1016-4
17	12.62	51773	BB	.177	ARO-1016-5
18	12.97	30735	BB	.003	
19	13.61	6840	BB	.001	
20	13.78	2911	BB	.000	
21	14.17	33741	BB	.003	
22	14.92	23780	BB	.002	
23	16.39	25810	BB	.002	
24	16.71	36960	BB	.003	
25	16.97	9666	BB	.001	
26	17.30	78364	BB	.158	ARO-1260
27	17.73	6426	BB	.001	
28	17.97	10666	BB	.001	
29	18.24	90792	BB	.159	ARO-1260-2
30	18.92	29439	BB	.003	
31	19.60	57782	BB	.005	
32	19.76	34822	BB	.003	
33	19.94	15662	BB	.001	
34	20.54	12169	BB	.001	
35	20.99	59739	BB	.185	ARO-1260-3
36	21.19	21325	BB	.002	
37	21.35	7224	BB	.001	
38	21.87	13788	BB	.001	
39	22.16	139779	BB	.186	ARO-1260-4
40	23.32	18114	BB	.002	

Sample Name : CAL CHECK #2
Lab Id : CC0714-CK2
Inst Id & Col : AD7_1, DB_1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P12JUL050.RES
Inject Time : 1855 14Jul1994
Run Status : RunStatusOK
EndOffBaseline
NoReference

7-14-94

Pk #	RT	Area	Code	MASSng	Name
41	23.53	73900	BB	.007	
42	24.92	15362	BB	.001	
43	25.93	33669	BB	.216	ARO-1260-5
44	26.93	5761	BB	.001	
45	37.77	6812	BB	.001	
		1419334			

Total Area:

Method File: /DATA/METHOD/AR1660_7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1127 19Jul1994

PESTICIDES/PCBS

d. Raw QC Data

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: P0718-B1

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

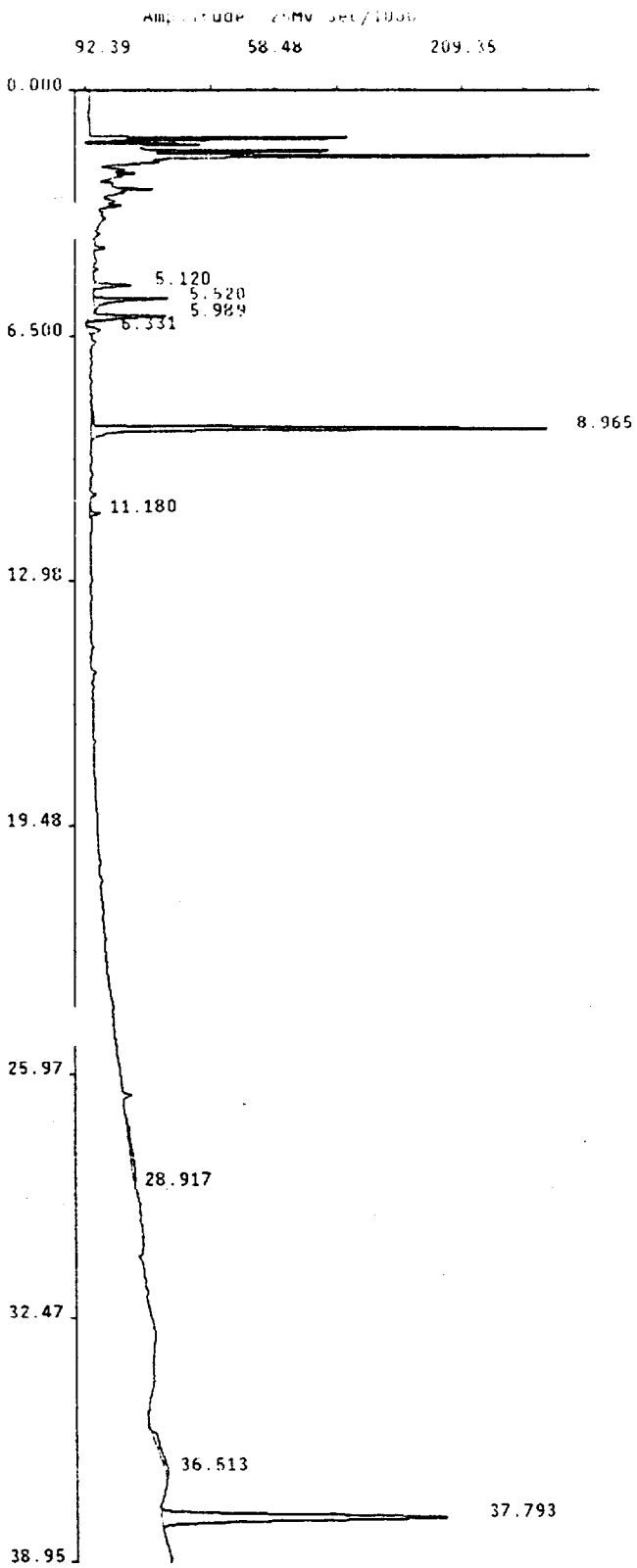
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U



Ceimic Corporation Pest/PCB Report

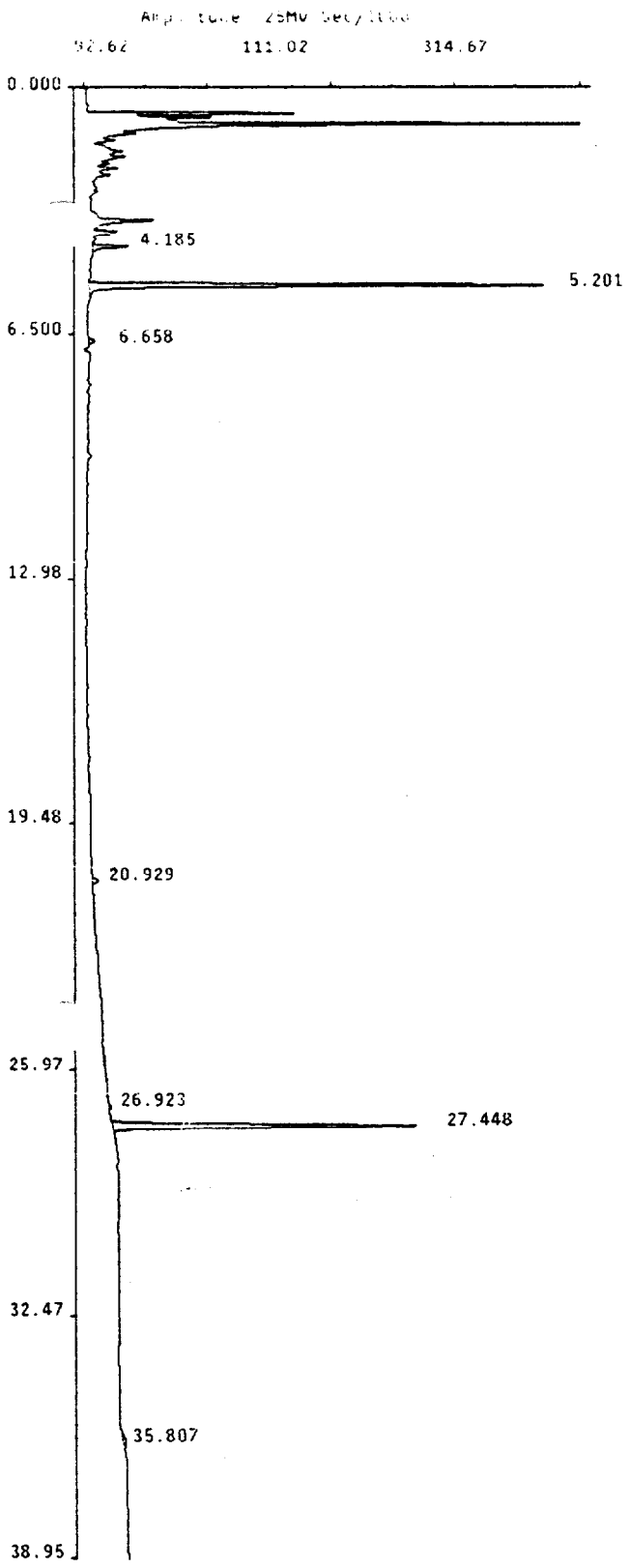
Sample Name : P8LK01
Lab Id : P0718-81
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL017.RES
Inject Time : 0336 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

MPH 4-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	11553	BB	.009	
2	5.52	27958	BB	.022	
3	5.99	24611	BB	.020	
4	6.33	5973	BB	.005	
5	8.96	147187	BB	.042	TCX
6	11.18	3370	BB	.003	
7	28.92	13016	BB	.010	
8	36.51	14357	BB	.012	
9	37.79	178372	BB	.041	DCB
		426398			

Total Area:

Method File: /DATA/METHOD/QD6P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0907 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : P8LK01
Lab Id : P0718-81
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL017.RES
Inject Time : 0336 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

4-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	17993	BB	.002	
2	5.20	231193	BB	.039	TCX
3	6.66	4618	BB	.000	
4	20.93	4682	BB	.000	
5	26.92	5289	BB	.001	
6	27.45	232015	BB	.042	DCB
7	35.81	4801	BB	.001	
Total Area:		500591			

Method File: /DATA/METHOD/QD7P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0911 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01MS

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01MS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

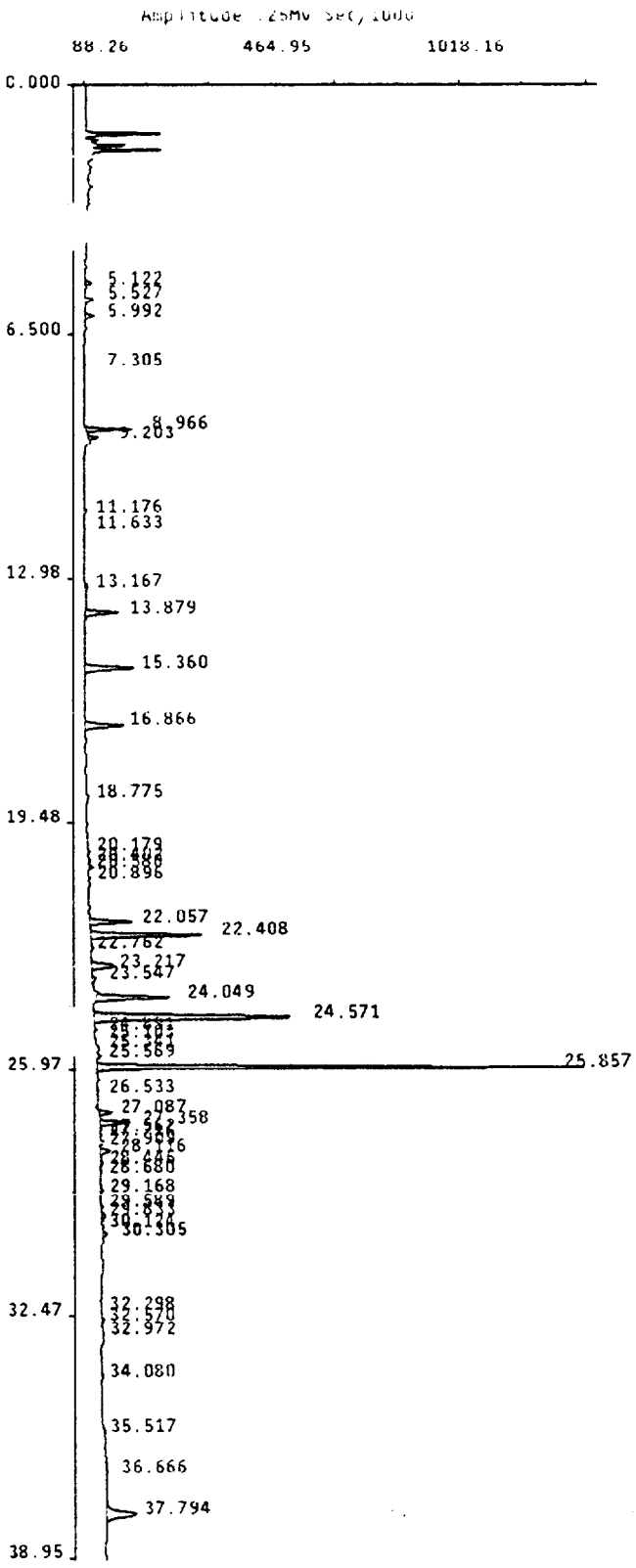
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	15	
76-44-8	Heptachlor	15	
309-00-2	Aldrin	14	
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	40	
72-55-9	4,4'-DDE	13	
72-20-8	Endrin	32	P
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	17	P
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	210	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC01MS
Lab Id : 940631-01MS
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL021.RES
Inject Time : 0630 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	18409	BB	.015	
2	5.53	23129	BB	.019	
3	5.99	20652	BB	.017	
4	7.31	4829	BB	.004	
5	8.97	102294	BB	.029	TCX
6	9.20	24268	BB	.019	
7	11.18	10171	BB	.008	
8	11.63	3237	BB	.003	
9	13.17	15983	BB	.013	
10	13.88	86823	BB	.041	GAMMA-BHC
11	15.36	149310	BB	.042	HEPTACHLOR
12	16.87	112570	BB	.037	ALDRIN
13	18.78	4102	BB	.003	
14	20.18	6055	BB	.002	~~G. CHLORDANE~~ 7-19-94
15	20.40	4031	BB	.003	
16	20.58	10823	BB	.009	
17	20.90	2018	BB	.001	~~A. CHLORDANE~~ 7-19-94
18	22.06	108818	BB	.040	4,4'-DDE
19	22.41	299389	BB	.112	DIELDRIN
20	22.76	9101	BB	.007	
21	23.22	60614	BB	.049	
22	23.55	13285	BB	.011	
23	24.05	195680	BB	.084	ENDRIN
24	24.57	568401	BB	.281	4,4'-DDD
25	24.89	7995	BB	.004	~~ENDOSULF. II~~ 7-19-94
26	25.10	3891	BB	.003	
27	25.34	2171	BB	.002	
28	25.57	8077	BB	.006	
29	25.86	1284908	BB	.591	4,4'-DDT
30	26.53	5067	BB	.004	
31	27.09	33171	BB	.027	
32	27.36	76803	BB	.062	
33	27.56	4430	BB	.004	
34	27.72	3734	BB	.003	
35	27.91	9281	BB	.007	
36	28.12	31686	BB	.025	
37	28.45	5614	BB	.005	
38	28.68	3654	BB	.003	
39	29.17	8831	BB	.007	
40	29.59	4610	BB	.004	
41	29.83	15102	BB	.010	~~METHOXYCHLOR~~ 7-19-94

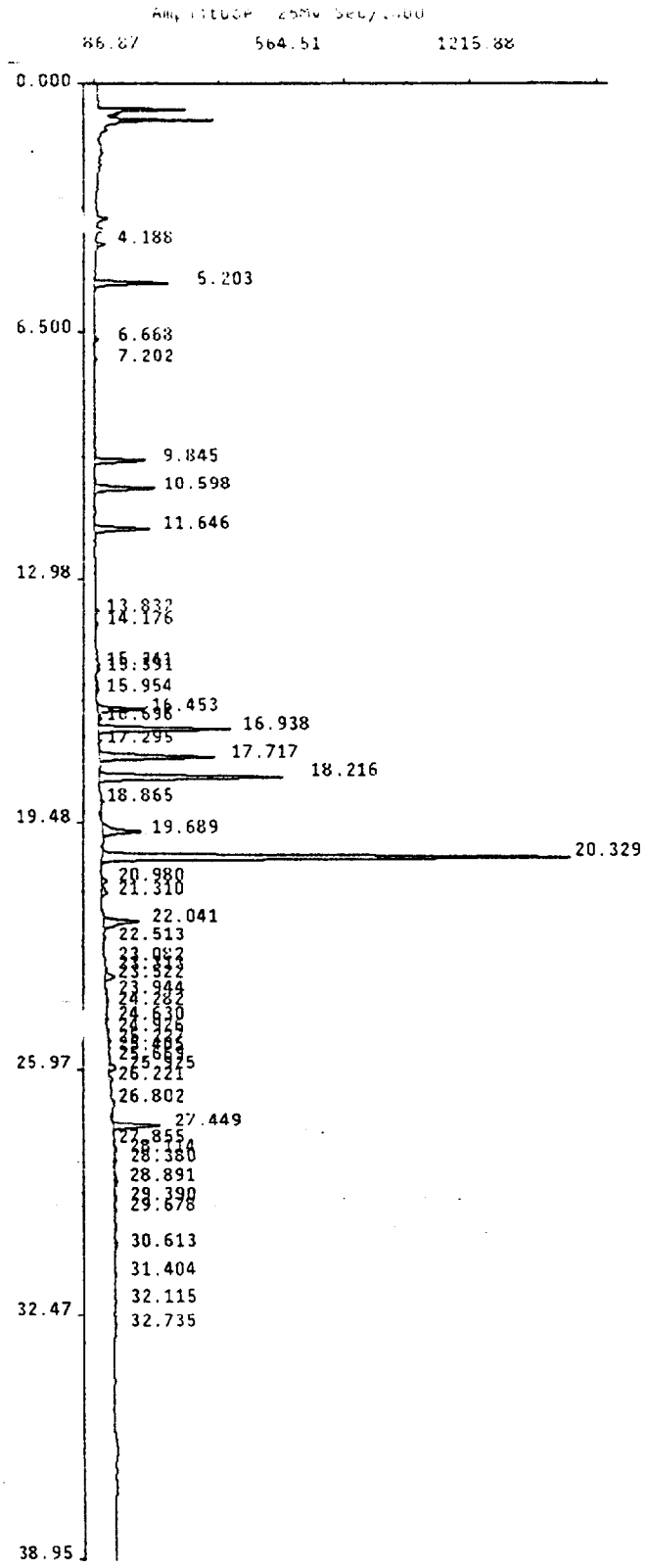
Sample Name : CLJWC01MS
Lab Id : 940631-01MS
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL021.RES
Inject Time : 0630 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-19-94

Pk #	RT	Area	Code	MASSng	Name
42	30.12	3276	BB	.003	
43	30.31	13063	BB	.010	
44	32.30	3704	BB	.003	
45	32.57	6698	BB	.005	
46	32.97	5590	BB	.004	
47	34.08	8136	BB	.007	
48	35.52	5328	BB	.004	
49	36.67	21555	BB	.017	
50	37.79	170176	BB	.039	DC8
		3600541			

Total Area: 3600541

Method File: /DATA/METHOD/QD6P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0945 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC01MS
Lab Id : 940631-01MS
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL021.RES
Inject Time : 0630 19Jul1994
Run Status : RunStatusOK

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	16913	BB	.002	
2	5.20	188435	BB	.032	TCX
3	6.67	17116	BB	.002	
4	7.20	6505	BB	.001	
5	9.84	150104	BB	.038	GAMMA-BHC
6	10.60	214043	BB	.039	HEPTACHLOR
7	11.65	179520	BB	.036	ALDRIN
8	13.83	12500	BB	.004	~~DELTA-BHC~~ 7-19-94
9	14.18	11479	BB	.001	
10	15.24	7547	BB	.001	
11	15.39	7376	BB	.002	~~ENDOSULF. I~~ 7-19-94
12	15.95	24133	BB	.005	~~A. CHLORDANE~~ 7-19-94
13	16.45	165065	BB	.034	4,4'-DDE
14	16.70	10357	BB	.001	
15	16.94	433615	BB	.103	DIELDRIN
16	17.30	10825	BB	.001	
17	17.72	441796	BB	.107	ENDRIN
18	18.22	669584	BB	.071	
19	18.86	9322	BB	.001	
20	19.69	154762	BB	.045	4,4'-DDD
21	20.33	1729251	BB	.545	4,4'-DDT
22	20.98	23043	BB	.002	
23	21.31	29908	BB	.003	
24	22.04	160536	BB	.017	
25	22.51	8187	BB	.001	
26	23.08	2263	BB	.000	
27	23.31	3546	BB	.000	
28	23.52	40649	BB	.004	
29	23.94	5246	BB	.001	
30	24.28	10362	BB	.004	~~ENDRIN KETON~~ 7-19-94
31	24.63	7192	BB	.001	
32	24.93	7736	BB	.001	
33	25.23	5533	BB	.001	
34	25.40	5138	BB	.001	
35	25.67	4270	BB	.000	
36	25.93	26578	BB	.003	
37	26.22	14306	BB	.002	
38	26.80	6152	BB	.001	
39	27.45	172473	BB	.031	DCB
40	27.86	2843	BB	.000	
41	28.11	7253	BB	.001	
42	28.38	7084	BB	.001	

Sample Name : CLJWC01MS
Lab Id : 940631-01MS
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL021.RES
Inject Time : 0630 19Jul1994
Run Status : RunStatusOK

7-19-94

Pk #	RT	Area	Code	MASSng	Name
43	28.89	24750	BB	.003	
44	29.39	8166	BB	.001	
45	29.68	4584	BB	.000	
46	30.61	15346	BB	.002	
47	31.40	7080	BB	.001	
48	32.12	8014	BB	.001	
49	32.73	6302	BB	.001	
		5084788			

Total Area: 5084788

Method File: /DATA/METHOD/QD7P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0946 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJWC01MSD

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) SOIL Lab Sample ID: 940631-01MSD

Sample wt/vol: 30.5 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/16/94

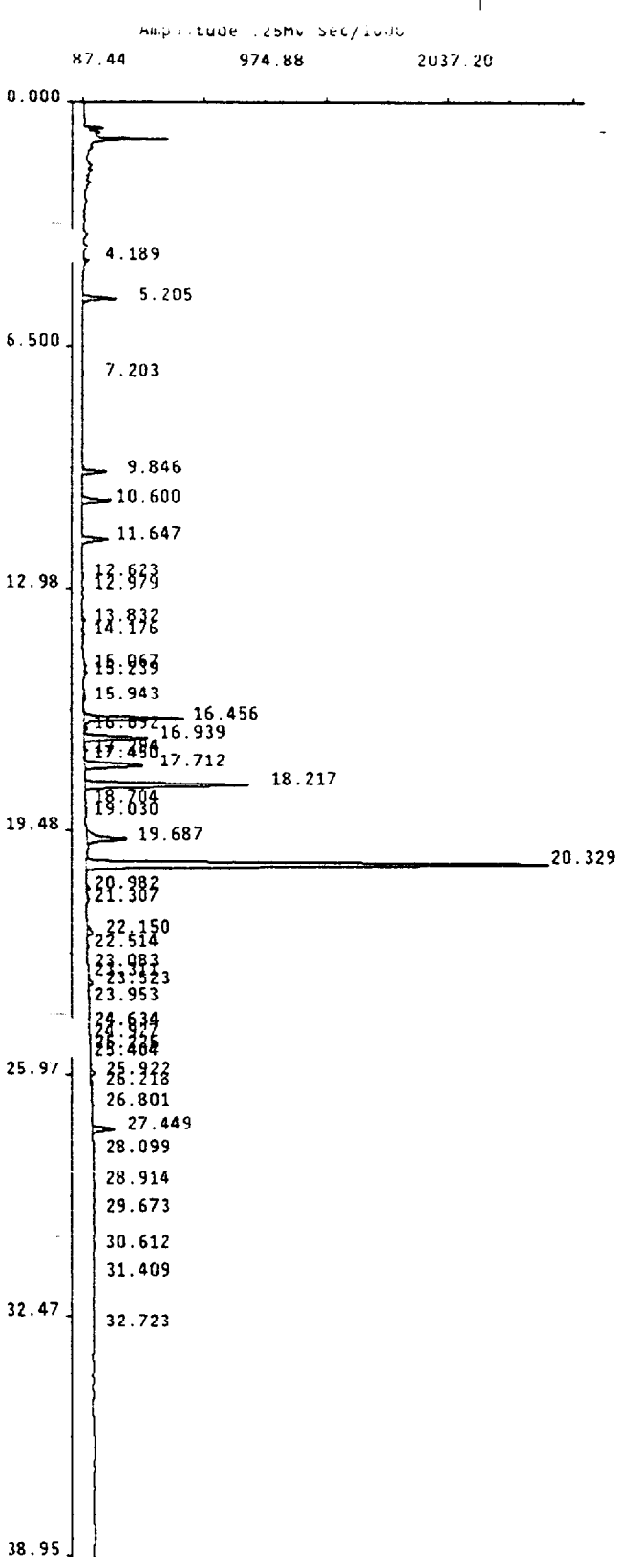
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/18/94

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.4 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	12	
76-44-8	Heptachlor	12	
309-00-2	Aldrin	12	
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	34	
72-55-9	4,4'-DDE	47	
72-20-8	Endrin	26	P
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	33	P
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	370	
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC01MSD
Lab Id : 940631-01MSD
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL022.RES
Inject Time : 0713 19Jul1994
Run Status : RunStatusOK

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	16559	BB	.002	
2	5.20	153568	BB	.026	TCX
3	7.20	4232	BB	.000	
4	9.85	120398	BB	.031	GAMMA-BHC
5	10.60	176393	BB	.032	HEPTACHLOR
6	11.65	158255	BB	.031	ALDRIN
7	12.62	8730	BB	.001	
8	12.98	4905	BB	.002	BETA-BHC 7-19-94
9	13.83	17097	BB	.006	DELTA-BHC 7-19-94
10	14.18	17376	BB	.002	
11	15.07	10583	BB	.001	
12	15.24	16131	BB	.002	
13	15.94	20280	BB	.004	A. CHLORDANE 7-19-94
14	16.46	588918	BB	.123	4,4'-DDE
15	16.69	16656	BB	.002	
16	16.94	375196	BB	.089	DIELDRIN
17	17.29	13223	BB	.001	
18	17.45	3151	BB	.000	
19	17.71	458353	BB	.111	ENDRIN
20	18.22	1065763	BB	.112	
21	18.70	8017	BB	.001	
22	19.03	18206	BB	.002	
23	19.69	305192	BB	.088	4,4'-DDD
24	20.33	3109044	BS	.979	4,4'-DDT
25	20.98	20499	BB	.002	
26	21.31	12350	BB	.001	
27	22.15	52148	BB	.006	
28	22.51	6225	BB	.001	
29	23.08	3525	BB	.000	
30	23.31	4226	BB	.000	
31	23.52	35951	BB	.004	
32	23.95	5082	BB	.001	
33	24.63	5445	BB	.001	
34	24.93	6338	BB	.001	
35	25.23	5233	BB	.001	
36	25.40	3426	BB	.000	
37	25.92	30350	BB	.003	
38	26.22	10802	BB	.001	
39	26.80	2953	BB	.000	
40	27.45	147932	BB	.027	DCB
41	28.10	8099	BB	.001	
42	28.91	9823	BB	.001	

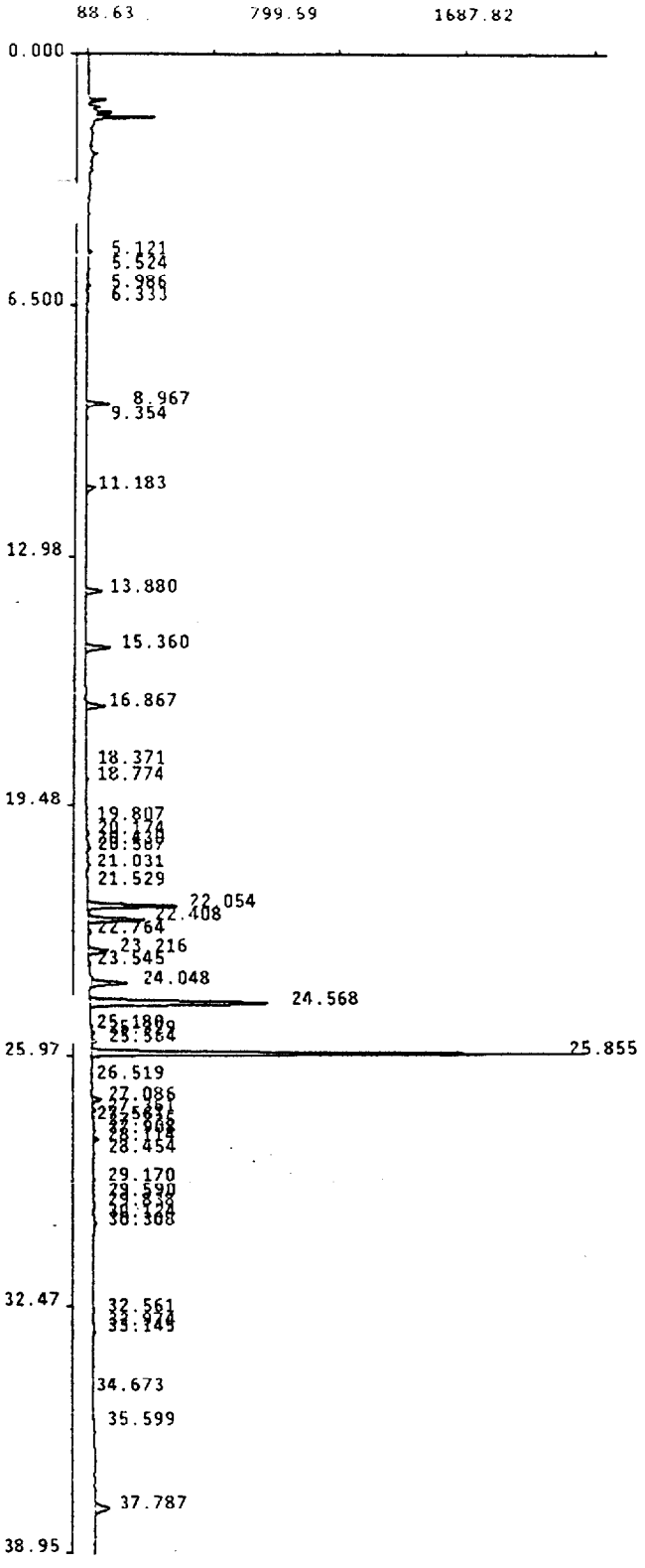
Sample Name : CLJWC01MSD
Lab Id : 940631-01MSD
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL022.RES
Inject Time : 0713 19Jul1994
Run Status : RunStatusOK

7-19-94

Pk #	RT	Area	Code	MASSng	Name
43	29.67	3620	BB	.000	
44	30.61	13950	BB	.001	
45	31.41	4835	BB	.001	
46	32.72	12085	BB	.001	
		34490			

Total Area: 7091124

Method File: /DATA/METHOD/QD7P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0951 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJWC01MSD
Lab Id : 940631-01MSD
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL022.RES
Inject Time : 0713 19Jul1994
Run Status : RunStatusOK
EndOffBaseline 7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	18705	BB	.015	
2	5.52	9155	BB	.007	
3	5.99	12108	BB	.010	
4	6.33	5337	BB	.004	
5	8.97	99656	BB	.028	TCX
6	9.35	8364	BB	.007	
7	11.18	53046	BB	.043	
8	13.88	77173	BB	.036	GAMMA-BHC
9	15.36	132221	BB	.037	HEPTACHLOR
10	16.87	97575	BB	.032	ALDRIN
11	18.37	3756	BB	.003	
12	18.77	6757	BB	.005	
13	19.81	5017	BB	.004	
14	20.17	10716	BB	.003	~~G. CHLORDANE~~ 7-19-94
15	20.43	2946	BB	.002	
16	20.57	11549	BB	.009	
17	21.03	8989	BB	.004	~~ENDOSULF. I~~ 7-19-94
18	21.53	2385	BB	.002	
19	22.05	382418	BB	.139	4,4'-DDE
20	22.41	255484	BB	.096	DIELDRIN
21	22.76	13382	BB	.011	
22	23.22	92003	BB	.074	
23	23.54	10707	BB	.009	
24	24.05	162498	BB	.069	ENDRIN
25	24.57	926352	BB	.457	4,4'-DDD
26	25.18	2025	BB	.002	
27	25.33	17016	BB	.014	
28	25.56	18278	BB	.015	
29	25.85	2275425	BS	1.046	4,4'-DDT
30	26.52	5081	BB	.004	
31	27.09	47019	BB	.038	
32	27.36	10763	BB	.009	
33	27.56	4287	BB	.003	
34	27.73	3981	BB	.003	
35	27.91	9258	BB	.007	
36	28.11	28013	BB	.022	
37	28.45	5098	BB	.004	
38	29.17	9784	BB	.008	
39	29.59	3660	BB	.003	
40	29.84	11392	BB	.008	METHOXYCHLOR
41	30.12	2735	BB	.002	

Sample Name : CLJWC01MSD
Lab Id : 940631-01MSD
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL022.RES
Inject Time : 0713 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-19-94

Pk #	RT	Area	Code	MASSng	Name
42	30.31	12799	BB	.010	
43	32.56	6668	BB	.005	
44	32.97	2628	BB	.002	
45	33.14	7452	BB	.006	
46	34.67	5491	BB	.004	
47	35.60	4863	BB	.004	
48	37.79	121997	BB	.028	DCB
		5024012			

Total Area:

Method File: /DATA/METHOD/QD6P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0953 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0A

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

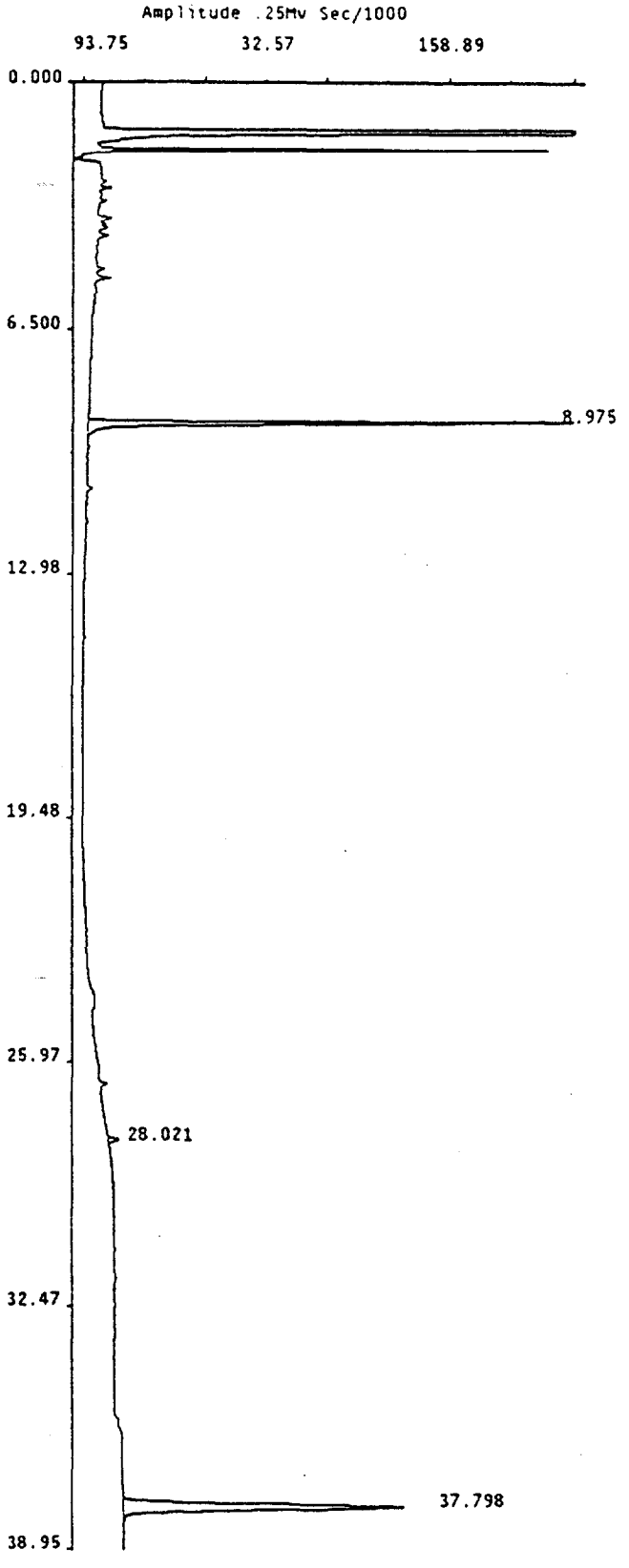
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLKOA
Lab Id : PIBLKOA .I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL020.RES
Inject Time : 0920 06Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.97	85512	BB	.024	TCX
2	28.02	2304	BB	.002	
3	37.80	103389	BB	.024	DCB
		191205			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1028 06Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0D

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

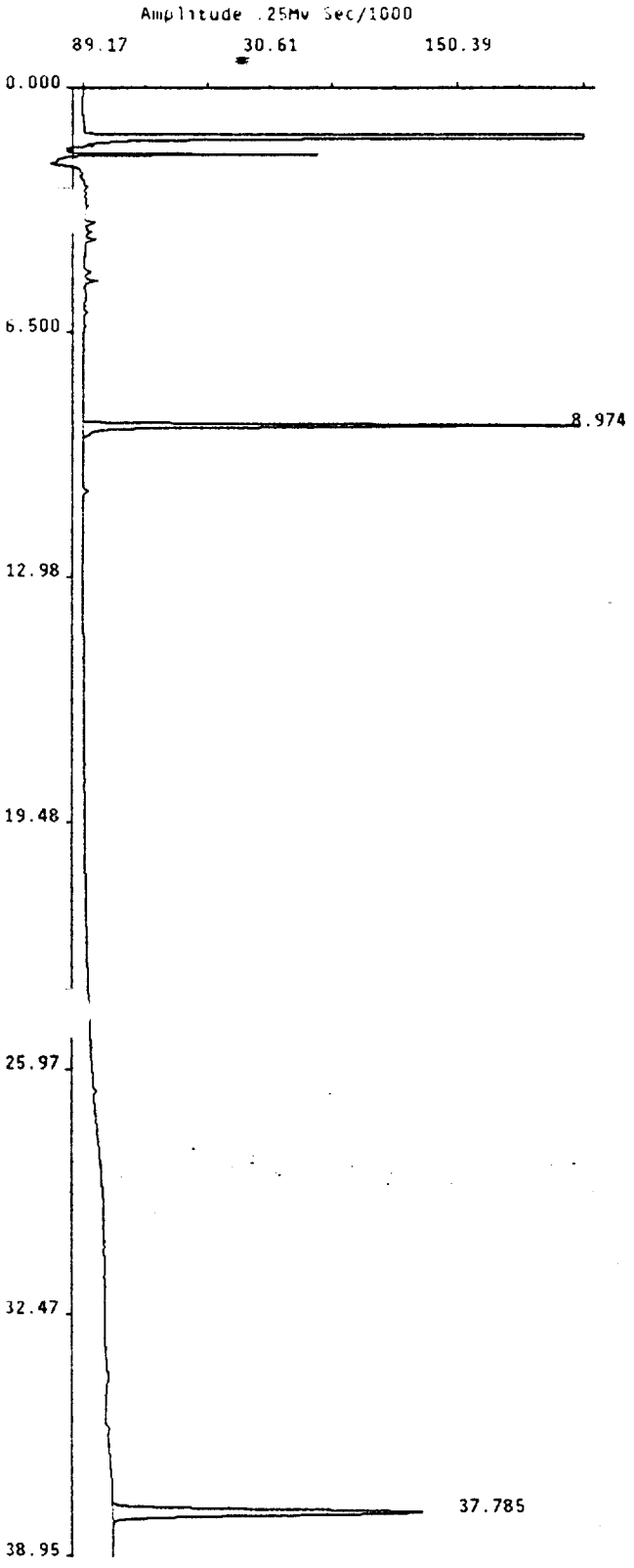
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/18/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLKOD
Lab Id : PIBLKOD
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL001.RES
Inject Time : 1602 18Jul1994
Run Status : RunStatusOK

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	81143	BB	.023	TCX
2	37.78	104149	BB	.024	DCB
		185292			

Total Area:

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0912 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0E

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0E

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

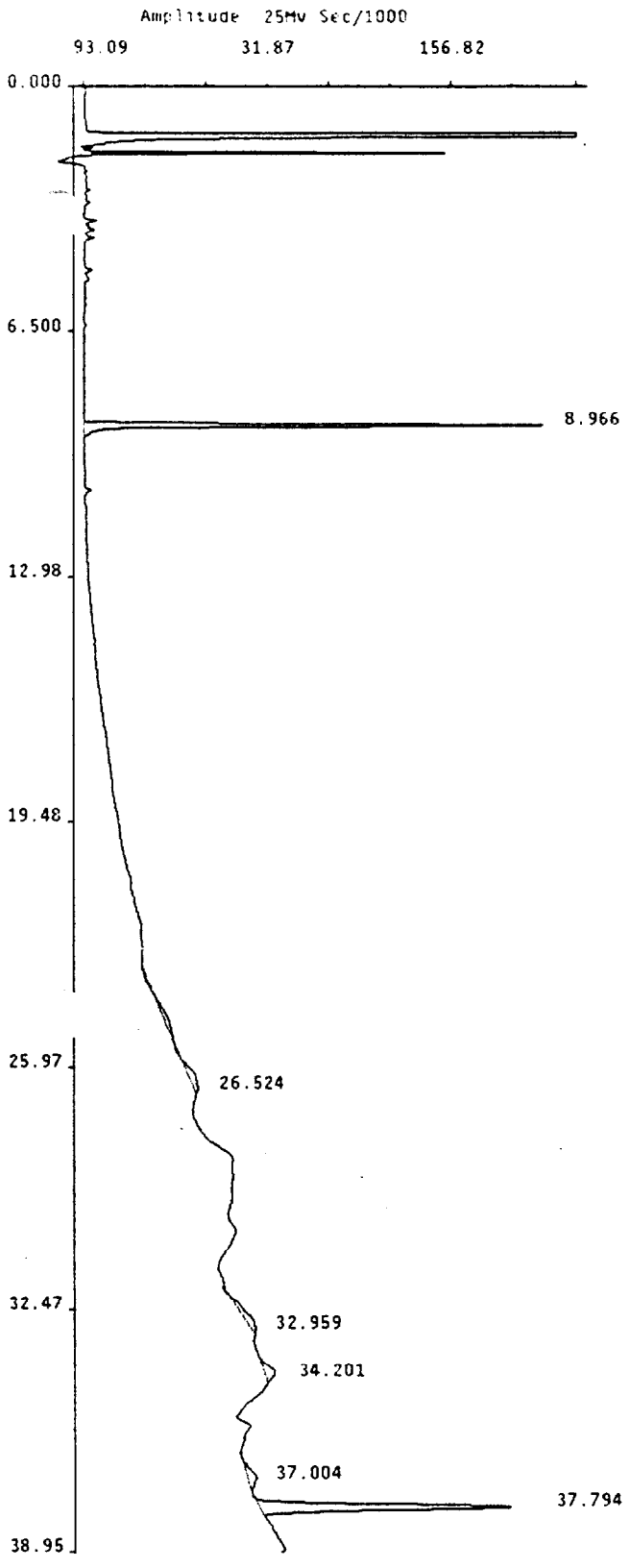
Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

144



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLKOE
Lab Id : PIBLKOE
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL014.RES
Inject Time : 0126 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	81977	BB	.023	TCX
2	26.52	12034	BB	.010	
3	32.96	8994	BB	.007	
4	34.20	7653	BB	.006	
5	37.00	7237	BB	.006	
6	37.79	87306	BB	.020	DCB

Total Area: 205201

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0928 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK0F

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK0F

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

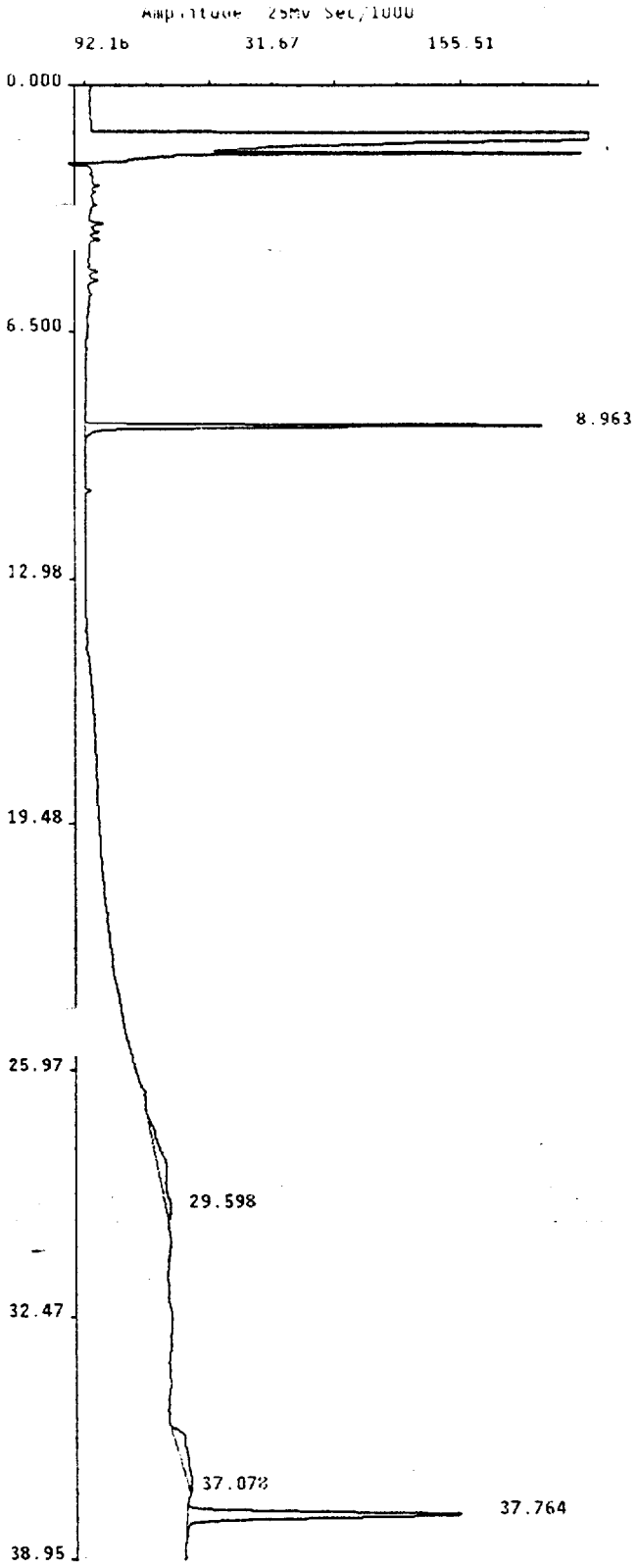
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Cejmic Corporation Pest/PCB Report

Sample Name : PIBLKOF
Lab Id : PIBLKOF
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P18JUL028.RES
Inject Time : 1133 19Jul1994
Run Status : EndOffBaseline
SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	8.96	80600	BB	.023	TCX
2	29.60	26720	BB	.021	
3	37.08	22873	BB	.018	
4	37.76	95660	BB	.022	DCB
Total Area:		225852			

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1319 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1A

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1A

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

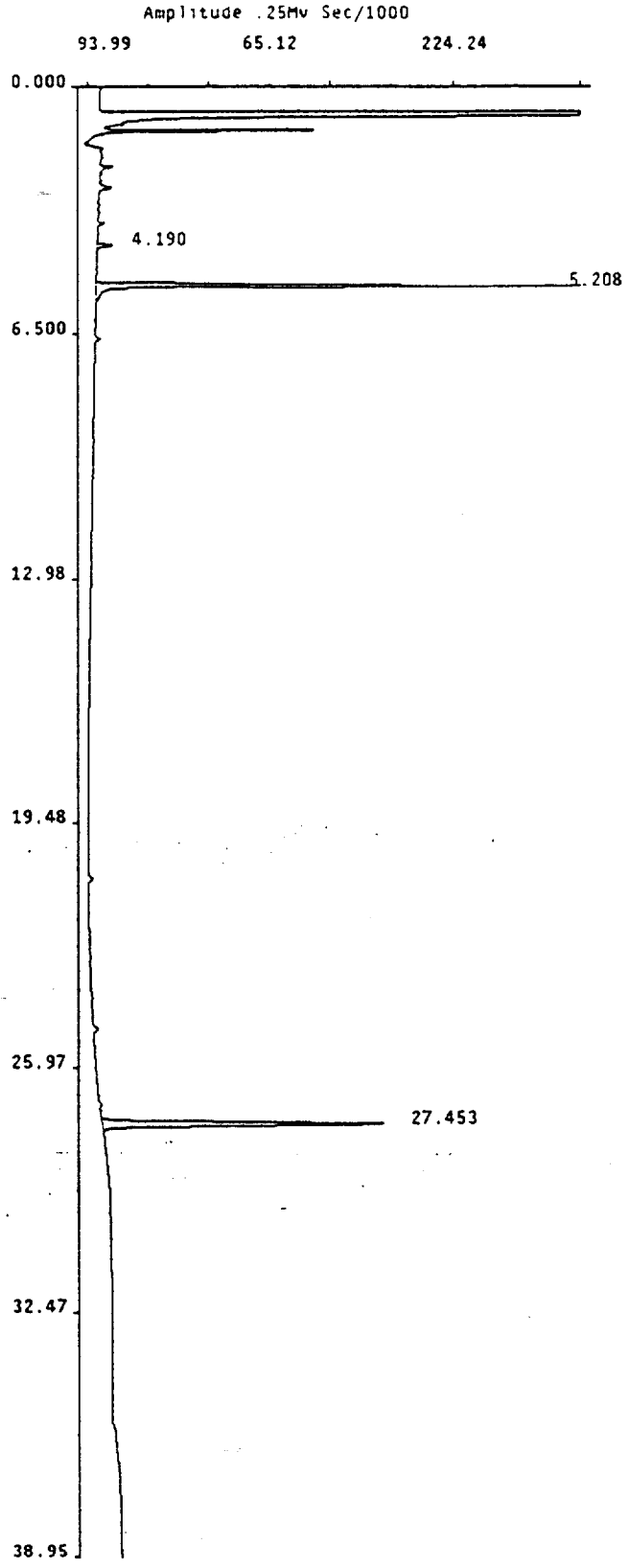
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/06/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1A
Lab Id : PIBLK1A .I
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL020.RES
Inject Time : 0920 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4338	BB	.000	
2	5.21	145404	BB	.025	TCX
3	27.45	132245	BB	.024	DCB
		281987			

Total Area:

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1145 06Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1D

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1D

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

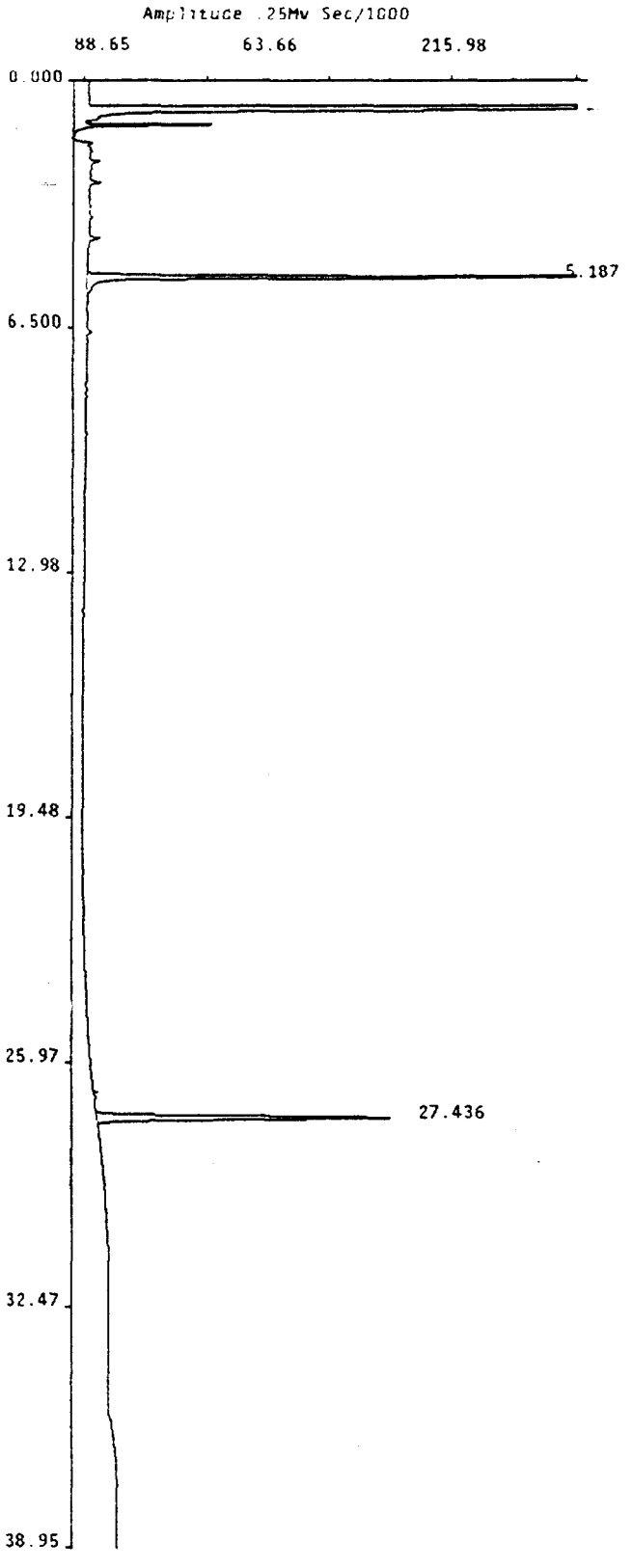
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/18/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1D
Lab Id : PIBLK1D
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL001.RES
Inject Time : 1602 18Jul1994
Run Status : RunStatusOK

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.19	140244	BB	.024	TCX
2	27.44	129228	BB	.023	DCB
		269472			

Total Area:

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0952 19Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1E

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1E

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

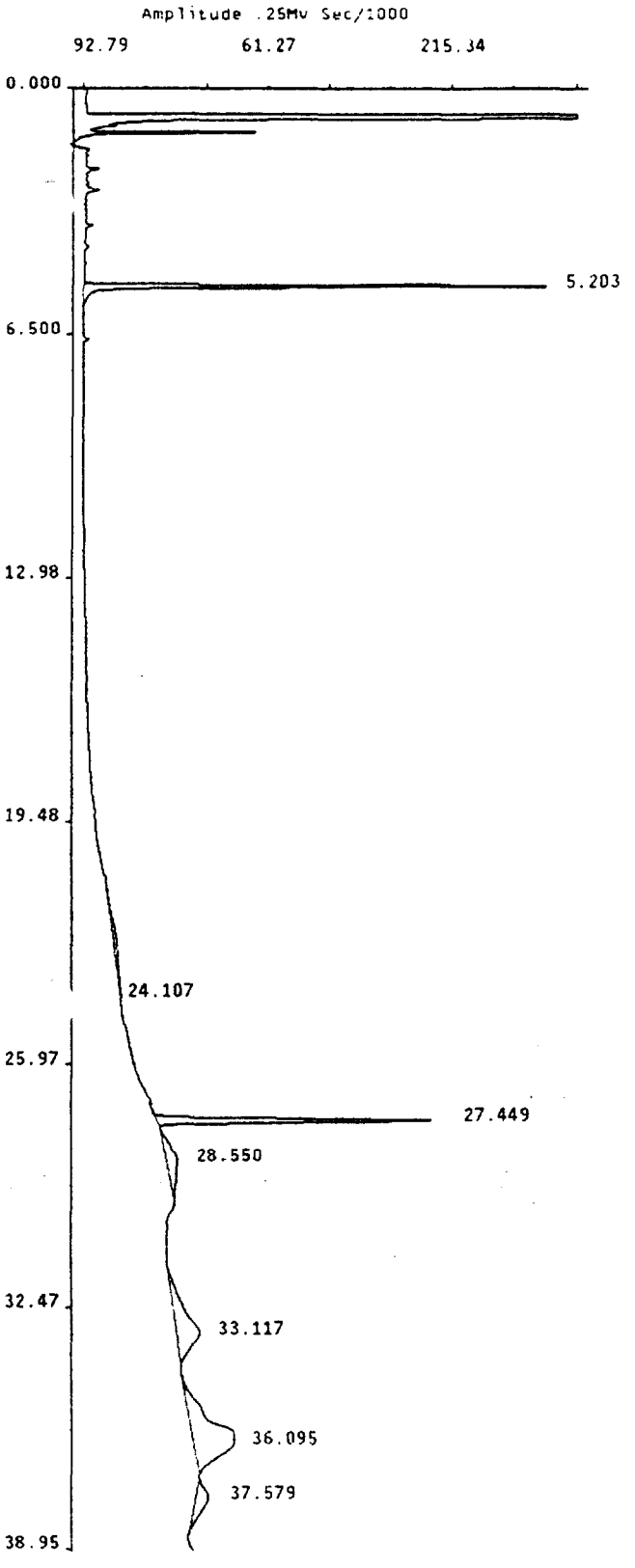
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

Sample Name : PIBLK1E
Lab Id : PIBLK1E
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL014.RES
Inject Time : 0126 19Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	134602	BB	.023	TCX
2	24.11	17641	BB	.002	
3	27.45	115015	BB	.021	DCB
4	28.55	40449	BB	.004	
5	33.12	97127	BB	.010	
6	36.10	185024	BB	.020	
7	37.58	33255	BB	.004	
Total Area:		623112			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1007 19Jul1994

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK1F

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 15226 SAS No.: _____ SDG No.: CLJWC0

Matrix: (soil/water) WATER Lab Sample ID: PIBLK1F

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) ___ Date Received: _____

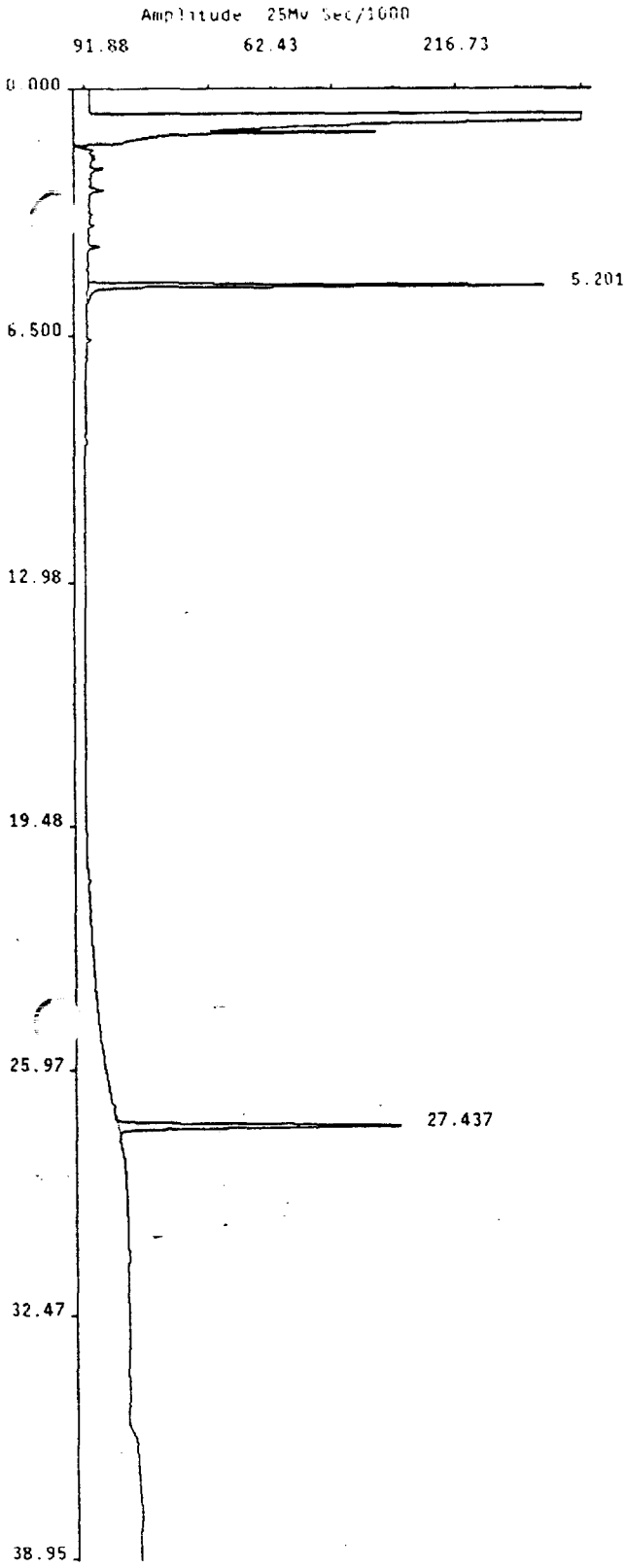
Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed: 07/19/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U



Ceimic Corporation Pest/PCB Report

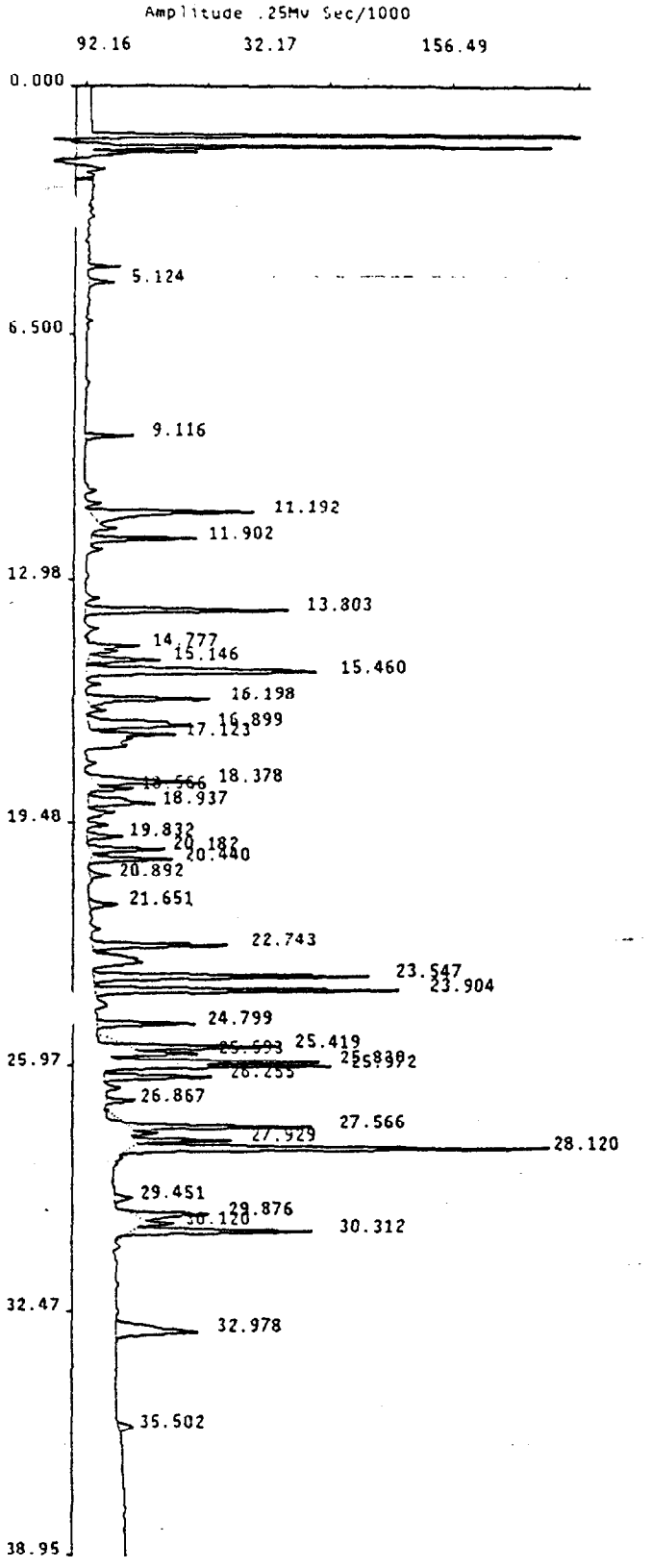
Sample Name : PIBLK1F
Lab Id : PIBLK1F
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P18JUL028.RES
Inject Time : 1133 19Jul1994
Run Status : SignalOverload

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	132864	BB	.022	TCX
2	27.44	122472	BB	.022	DCB

Total Area:		255336			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1320 19Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CAL CHECK #2
Lab Id : CC0714-CK2
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P12JUL050.RES
Inject Time : 1855 14Jul1994
Run Status : RunStatusOK
NoReference

7-19-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	4462	BB	.000	
2	9.12	8130	BB	.001	
3	11.19	44323	BB	.004	
4	11.90	18813	BB	.174	ARO-1016
5	13.80	45876	BB	.171	ARO-1016-2
6	14.78	5021	BB	.000	
7	15.15	16210	BB	.180	ARO-1016-3
8	15.46	68527	BB	.184	ARO-1016-4
9	16.20	25684	BB	.181	ARO-1016-5
10	16.90	35065	BB	.003	
11	17.12	10873	BB	.001	
12	18.38	26200	BB	.002	
13	18.57	7023	BB	.001	
14	18.94	19545	BB	.002	
15	19.83	8150	BB	.001	
16	20.18	16049	BB	.001	
17	20.44	16874	BB	.001	
18	20.89	4259	BB	.000	
19	21.65	6760	BB	.001	
20	22.74	29007	BB	.152	ARO-1260
21	23.55	60118	BB	.157	ARO-1260-2
22	23.90	61708	BB	.159	ARO-1260-3
23	24.80	20111	BB	.002	
24	25.42	22375	BB	.002	
25	25.59	13419	BB	.001	
26	25.83	26637	BB	.002	
27	25.97	25046	BB	.002	
28	26.26	22745	BB	.002	
29	26.87	5939	BB	.001	
30	27.57	30898	BB	.003	
31	27.93	17675	BB	.002	
32	28.12	89831	BB	.188	ARO-1260-4
33	29.45	4285	BB	.000	
34	29.88	19070	BB	.002	
35	30.12	5228	BB	.000	
36	30.31	37299	BB	.170	ARO-1260-5
37	32.98	33727	BB	.003	
38	35.50	4418	BB	.000	

Total Area: 917382

Method File: /DATA/METHOD/AR1660_6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1125 19Jul1994

CEIMIC
REPORT PACKAGE 2

CEIMIC
CORPORATION
"Analytical Chemistry for Environmental Management"

July 27, 1994

Ms. Theresa Rojas
OHM Remediation Services Corp.
5335 Triangle Parkway
Suite 450
Norcross, GA 30092

Dear Ms. Rojas:

Enclosed is a copy of the data package for the analyses of 20 soil samples which were received at CEIMIC on July 21, 1994. The samples were analyzed under OHM Case No. 16207, SDG No. CLJ2-CSS03(2CSS03).

If you have any questions regarding this data please call.

Sincerely,

Henry Leibovitz
GC Laboratory Manager

HL/jmf

Enclosures

10 Dean Knauss Drive, Narragansett, R.I. 02882 • (401) 782-8900 • FAX (401) 782-8905

PROJECT NARRATIVE

SDG NARRATIVE

The enclosed data package is in response to OHM Case No. 16207, SDG No. CLJ2-CSS03(2CSS03). Under this SDG, there are 22 Pest analyses for 20 soil samples which were received at CEIMIC on July 21, 1994 from OHM Remediation Services Corp.

This data package includes the analyses for the following samples from SDG No. CLJ2-CSS03(2CSS03):

CLIENT ID	ANALYSIS
CLJ2-CSS03	Pest
CLJ2-CSS04	Pest
CLJ2-CSS06	Pest
CLJ2-CSS07	Pest
CLJ2-CSS08	Pest
CLJ2-CSS09	Pest
CLJ2-CSS10	Pest
CLJ2-CSS11	Pest
CLJ2-CSS12	Pest
CLJ2-CSS12(D)MS/MSD (LJ2CSS12D, LJ2CSS12DMS, LJ2CSS12DMSD)	Pest
CLJ2-CSS13	Pest
CLJ2-CSS14	Pest
CLJ2-CSS15	Pest
CLJ2-CSS16	Pest
CLJ2-CSS17	Pest
CLJ2-CSS18	Pest
CLJ2-CSS19	Pest
CLJ2-CSS20	Pest
CLJ2-CSS21	Pest
CLJ2-CSS22	Pest

The submitted data covers the analysis of the Pesticides (PEST) fraction and its associated blanks and QA/QC. CEIMIC would like to highlight the following points pertaining to the analyses performed for this case:

(2) INSTRUMENTATION AND COLUMN IDENTIFICATION

The following instruments were used for the analyses:

GC ANALYSIS

A. Pest

AD6_1: HP5890 using 30m x 0.53mm ID DB-608 megabore column.

AD7_1: HP5890 using 30m x 0.53mm ID DB-1701 megabore column.

AD9_1: HP5890 using 30m x 0.53mm ID DB-608 megabore column.

AD8_1: HP5890 using 30m x 0.53mm ID DB-1701 megabore column.

(3) SAMPLE INFORMATION

Additional qualifier: "x"

An "x" qualifier is flagged by Formaster software whenever the data is manually edited.

The letters "M" for GC/MS and "FF" for GC are used on the raw data of the quantitation report whenever a manual integration is performed. These data manipulations are done only to correct for computer integration error.

A. Pest Fraction

Due to high concentrations of pesticides found, GC/MS confirmation analyses were provided for the following samples: CLJ2-CSS12, CLJ2-CSS14, CLJ2-CSS15, CLJ2-CSS16, CLJ2-CSS18, CLJ2-CSS22, and CLJ2-CSS12(D).

The matrix spike and spike duplicate of CLJ2-CSS12(D) required a 1000x dilution due to the high concentration of 4,4'-DDT and 4,4'-DDD in the sample, thereby diluting out the matrix spike compounds.

DEVIATIONS FROM THE SOW

None other than specified above.

End of SDG Narrative

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Henry Leibovitz
GC Laboratory Manager

7/27/94
Date

CHAIN OF CUSTODY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

№ 116050

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

Excavation 2

PROJECT NAME	PROJECT LOCATION
Camp LeJeune 2	Camp LeJeune NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): TCL 8080 and PCBs

fax results to 910 451-1809

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCL 8080 and PCBs								REMARKS
1	CLT2-CSS32(D)	7/19/94	0910		X	Camp LeJeune 2 Confirmation Soil Sample 32 Duplicate	1	✓								
2	CLT2-CSS33	7/19/94	0915		X	Camp LeJeune 2 Confirmation Soil Sample 33	1	✓								
3	CLT2-CSS34	7/19/94	0920		X	Camp LeJeune 2 Confirmation Soil Sample 34	1	✓								
4	CLT2-CSS35	7/19/94	0925		X	Camp LeJeune 2 Confirmation Soil Sample 35	1	✓								
5																
6																
7																
8																
9																
10																

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-4	[signature] 8783	Claudine Bigham	7/19/94	1130
2					
3					
4			Norman [signature]	7/21/94	1030

REMARKS

TAT: 48 hours
All Samples Cooled

SAMPLER'S SIGNATURE [signature] 8783

TRANSFER 3

OHM Corporation

CHAIN-OF-CU. ODY RECORD

Form 0019
Fie. echnical Services
Rev. 08/89

Nº 116049

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Excavation 2

PROJECT NAME	PROJECT LOCATION
Camp LeJeune 2	Camp LeJeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Ellis

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8000 And PCB's	REMARKS
1	CLJ2-CSS23	7/19/94	0830		X	Camp LeJeune 2 Confirmation Soil Sample 23	1	✓	fax results to 910 451-1809
2	CLJ2-CSS24	7/19/94	0825	X		Camp LeJeune 2 Confirmation Soil Sample 24 (Sidewalls)	1	✓	
3	CLJ2-CSS25	7/19/94	0835		X	Camp LeJeune 2 Confirmation Soil Sample 25	1	✓	
4	CLJ2-CSS26	7/19/94	0840	X		Camp LeJeune 2 Confirmation Soil Sample 26 (Sidewalls)	1	✓	
5	CLJ2-CSS27	7/19/94	0845	X	X	Camp LeJeune 2 Confirmation Soil Sample 27	1	✓	
6	CLJ2-CSS28	7/19/94	0850	X		Camp LeJeune 2 Confirmation Soil Sample (sidewall) 28	1	✓	
7	CLJ2-CSS29	7/19/94	0855		X	Camp LeJeune 2 Confirmation Soil Sample 29	1	✓	
8	CLJ2-CSS30	7/19/94	0900		X	Camp LeJeune 2 Confirmation Soil Sample 30	1	✓	
9	CLJ2-CSS31	7/19/94	0905		X	Camp LeJeune 2 Confirmation Soil Sample 31	1	✓	
10	CLJ2-CSS32	7/19/94	0910		X	Camp LeJeune 2 Confirmation Soil Sample 32	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	[signature] 8283	Claudine Bigham	7/19/94	1115
2					
3					
4			[signature]	7/20/94	1030

REMARKS

TAT: 48 hours
All Samples Cooled

SAMPLER'S SIGNATURE [signature] 8283

TRANSFER 3

TRANSFER 3

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

128178

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Excavation 3

PROJECT NAME: Camp Lejeune 2	PROJECT LOCATION: Camp Lejeune, NC
PROJ. NO.: 16207	PROJECT CONTACT: ~~Camp~~ CB Claudine Bigham
PROJECT TELEPHONE NO.: 910 451 1809	
CLIENT'S REPRESENTATIVE: US Navy	PROJECT MANAGER/SUPERVISOR: Kent Geis

Fax results to 910 451 1809

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And PCB's	REMARKS
1	CLJ2-CSS36	7/19/94			X	Camp Lejeune 2 Confirmation Soil Samples 36	1	✓	
2	CLJ2-CSS36D	7/19/94			X	Camp Lejeune 2 Confirmation Soil Sample 36 Duplicate	1	✓	
3	CLJ2-CSS37	7/19/94		X		Camp Lejeune 2 confirmation Soil Sample 37	1	✓	
4	~~CLJ2-CSS~~ CB	7/19/94			\				
5	CLJ2 RB02	7/19/94			X	Camp Lejeune Rinsate Blank 02	1	✓	
6	~~CLJ2-CSS38~~ CB	7/19/94			~~X~~	~~Camp Le Jeune 2 Confirmation Soil Sample 38~~ CB	+ CB	~~CB~~ ✓	
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	~~1-6~~ 1-5	[illegible]	Claudine Bigham	7/19/94	1200
2					
3	2				
4			[illegible]	7/21/94	1030

REMARKS

TAT: 48 hours
All Samples Cooled

SAMPLER'S SIGNATURE [illegible]

TRANSFER 3

OHM Corporation

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Field Technical Services
Rev. 08/89

128177

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Excavation 1

PROJECT NAME	PROJECT LOCATION
Camp Lejeune	Camp Lejeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Keirl Geis

fax to 910 451 1809

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And PCB's	REMARKS
1	CLJ2-CS503	7/18/94	1500		X	Camp Lejeune 2 Confirmation Soil Sample 03	1	✓	
2	CLJ2-CS504	7/18/94	1515		X	Camp Lejeune 2 Confirmation Soil Sample 04	1	✓	
3	CLJ2-CS506	7/18/94	1517		X	Camp Lejeune 2 Confirmation Soil Sample 06	1	✓	
4	CLJ2-CS507	7/18/94	1520		X	Camp Lejeune Confirmation Soil Sample 07	1	✓	
5	CLJ2-CS508	7/18/94	1525		X	Camp Lejeune Confirmation Soil Sample 08	1	✓	
6	CLJ2-CS509	7/18/94	1530		X	Camp Lejeune Confirmation Soil Sample 09	1	✓	
7	CLJ2-CS510	7/18/94	1530		X	Camp Lejeune Confirmation Soil Sample 10	1	✓	
8	CLJ2-CS511	7/18/94	1535		X	Camp Lejeune Confirmation Soil Sample 11	1	✓	
9	CLJ2-CS512	7/18/94	1540		X	Camp Lejeune Confirmation Soil Sample 12	1	✓	
10	CLJ2-CS512(D)	7/18/94	1540		X	Camp Lejeune Soil Sample Confirmation 12 Duplicate	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	[signature] EH&A	Claudine Bigham	7/19/94	1030
2					
3					
4			[signature]	7/21/94	1030

REMARKS

TAT: 48 hours
#11 Samples Cooled

SAMPLER'S SIGNATURE [signature] EH&A

TRANSFER 3

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

128175

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Excavation 1

PROJECT NAME	PROJECT LOCATION
Camp LeJeune 2	Camp LeJeune, NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910/451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

Fax results to 910/451 1809

ITEM NO.	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And PCB's	REMARKS
1	CLJ2-CSS14	7/18/94	1555		X	Camp LeJeune 2 Confirmation Soil Sample 14	1	✓	
2	CLJ2-CSS15	7/18/94	1600		X	Camp LeJeune 2 Confirmation Soil Sample 15	1	✓	
3	CLJ2-CSS16	7/18/94	1605		X	Camp LeJeune 2 Confirmation Soil Sample 16	1	✓	
4	CLJ2-CSS17	7/18/94	1610		X	Camp LeJeune 2 Confirmation Soil Sample 17	1	✓	
5	CLJ2-CSS18	7/18/94	1615		X	Camp LeJeune 2 Confirmation Soil Sample 18	1	✓	
6	CLJ2-CSS19	7/18/94	1620		X	Camp LeJeune 2 Confirmation Soil Sample 19	1	✓	
7	CLJ2-CSS20	7/18/94	1625		X	Camp LeJeune 2 Confirmation Soil Sample 20	1	✓	
8	CLJ2-CSS21	7/18/94	1630		X	Camp LeJeune 2 Confirmation Soil Sample 21	1	✓	
9	CLJ2-CSS22	7/18/94	1635		X	Camp LeJeune 2 Confirmation Soil Sample 22	1	✓	
10	CLJ2-CSS22(D)	7/18/94	1635		X	Camp LeJeune 2 Confirmation Soil Sample 22 Duplicate	1	✓	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-9 FB	Jeff Smith	Claudine Bigham	7/19/94	1045
2	8				
3					
4			Norman Lamb	7/21/94	10:30

REMARKS

TAT: 48 hours
All Samples Cooled

SAMPLER'S SIGNATURE

Jeff Smith

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
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Rev. 08/89

Nº 116048

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Excavation 1

PROJECT NAME	PROJECT LOCATION
Camp LeJeune	Camp LeJeune NC

PROJ. NO.	PROJECT CONTACT	PROJECT TELEPHONE NO.
16207	Claudine Bigham	910 451 1809

CLIENT'S REPRESENTATIVE	PROJECT MANAGER/SUPERVISOR
	Kent Geis

Fax Results to 910 451 1809

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS) TCL 8080 And PCB's	REMARKS
1	CLJ2-CSS13	7/18/94	1545		X	Camp LeJeune 2 Confirmation Soil Sample 13	1	✓	
2	CLJ2-FB01	7/18/94	1705		X	Camp LeJeune 2 Field Blank 01	1	✓	
3	CLJ2-RB01	7/18/94	1710		X	Camp LeJeune 2 Rinse Blank 01	1	✓	
4	CLJ2-CSS38	7/19/94	1330		X	Camp LeJeune 2 Confirmation Soil Sample 38	1	✓	
5									
6									
7									
8									
9									
10									

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	~~1-4~~ 1-3			7/21/94	1030
2					
3					
4				7/21/94	10:30

REMARKS

TAT: 48 hour

All Samples Cooled

SAMPLER'S SIGNATURE

TRANSFER 3

PESTICIDES/PCBS

PESTICIDES/PCBS

a. QC Summary

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

	EPA SAMPLE NO.	TCX 1 %REC	TCX 1 #	TCX 2 %REC	TCX 2 #	DCB 1 %REC	DCB 1 #	DCB 2 %REC	DCB 2 #	OTHER (1)	OTHER (2)	TOT OUT
01	PBLK01	116		116		124		126				0
02	PBLK02	110		111		116		117				0
03	CLJ2-CSS03	0D		0D		0D		0D				0
04	CLJ2-CSS04	0D		0D		0D		0D				0
05	CLJ2-CSS06	101		99		118		108				0
06	CLJ2-CSS07	105		104		112		109				0
07	CLJ2-CSS08	100		100		106		107				0
08	CLJ2-CSS09	0D		0D		0D		0D				0
09	CLJ2-CSS10	102		101		120		118				0
10	CLJ2-CSS11	72		75		144		90				0
11	CLJ2-CSS12	0D		0D		0D		0D				0
12	CLJ2-CSS13	106		110		120		117				0
13	CLJ2-CSS14	0D		0D		0D		0D				0
14	CLJ2-CSS15	0D		0D		0D		0D				0
15	CLJ2-CSS16	0D		0D		0D		0D				0
16	CLJ2-CSS17	0D		0D		0D		0D				0
17	CLJ2-CSS18	0D		0D		0D		0D				0
18	CLJ2-CSS19	107		108		127		123				0
19	CLJ2-CSS20	0D		0D		0D		0D				0
20	CLJ2-CSS21	0D		0D		0D		0D				0
21	CLJ2-CSS22	0D		0D		0D		0D				0
22	LJ2CSS12DMS	0D		0D		0D		0D				0
23	LJ2CSS12DMSD	0D		0D		0D		0D				0
24	PBLK03	95		89		102		100				0
25	CLJ2-CSS04DL	0D		0D		0D		0D				0
26	LJ2CSS12D	0D		0D		0D		0D				0

	ADVISORY QC LIMITS
TCX = Tetrachloro-m-xylene	(60-150)
DCB = Decachlorobiphenyl	(60-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: CEIMIC CORP Contract: OHM

Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix Spike - EPA Sample No.: LJ2CSS12D

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	#	QC LIMITS REC.
gamma-BHC (Lindane)	18.700	0	0	0	*	46-127
Heptachlor	18.700	0	0	0	*	35-130
Aldrin	18.700	0	0	0	*	34-132
Dieldrin	37.400	0	0	0	*	31-134
Endrin	37.400	0	0	0	*	42-139
4,4'-DDT	37.400	4150	4800	1738	*	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	#	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	18.700	0	0	*	0		50	46-127
Heptachlor	18.700	0	0	*	0		31	35-130
Aldrin	18.700	0	0	*	0		43	34-132
Dieldrin	37.400	0	0	*	0		38	31-134
Endrin	37.400	0	0	*	0		45	42-139
4,4'-DDT	37.400	5020	2326	*	29		50	23-134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 12 out of 12 outside limits

Spike's diluted out. JPW

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK01

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID: P0721-B1 Lab File ID: _____

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 07/21/94

Date Analyzed (1): 07/22/94 Date Analyzed (2): 07/22/94

Time Analyzed (1): 1812 Time Analyzed (2): 1812

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJ2-CSS03	940641-01	07/22/94	07/22/94
02	CLJ2-CSS04	940641-02	07/22/94	07/22/94
03	CLJ2-CSS06	940641-03	07/22/94	07/22/94
04	CLJ2-CSS07	940641-04	07/22/94	07/22/94
05	CLJ2-CSS08	940641-05	07/22/94	07/22/94
06	CLJ2-CSS09	940641-06	07/22/94	07/22/94
07	CLJ2-CSS10	940641-07	07/23/94	07/23/94
08	CLJ2-CSS11	940641-08	07/23/94	07/23/94
09	CLJ2-CSS12	940641-09	07/23/94	07/23/94
10	CLJ2-CSS13	940641-11	07/23/94	07/23/94
11	CLJ2-CSS14	940641-12	07/23/94	07/23/94
12	CLJ2-CSS15	940641-13	07/23/94	07/23/94
13	CLJ2-CSS16	940641-14	07/23/94	07/23/94
14	CLJ2-CSS17	940641-15	07/23/94	07/23/94
15	CLJ2-CSS18	940641-16	07/23/94	07/23/94
16	CLJ2-CSS19	940641-17	07/23/94	07/23/94
17	CLJ2-CSS20	940641-18	07/23/94	07/23/94
18	LJ2CSS12DMS	940641-10MS	07/23/94	07/23/94
19	LJ2CSS12DMSD	940641-10MSD	07/23/94	07/23/94

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK02

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID: P0721-B2 Lab File ID: _____

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 07/21/94

Date Analyzed (1): 07/22/94 Date Analyzed (2): 07/22/94

Time Analyzed (1): 1856 Time Analyzed (2): 1856

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJ2-CSS21	940641-19	07/23/94	07/23/94
02	CLJ2-CSS22	940641-20	07/23/94	07/23/94

COMMENTS:

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK03

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID: P0721-B1A Lab File ID: _____

Matrix:(soil/water) SOIL Extraction:(SepF/Cont/Sonc) SONC

Sulfur Cleanup: (Y/N) N Date Extracted: 07/21/94

Date Analyzed (1): 07/26/94 Date Analyzed (2): 07/26/94

Time Analyzed (1): 0034 Time Analyzed (2): 0034

Instrument ID (1): AD9 1 Instrument ID (2): AD8 1

GC Column (1): DB608 ID: 0.53 (mm) GC Column (2): DB1701 ID: 0.53 (mm

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	CLJ2-CSS04DL	940641-02DL	07/26/94	07/26/94
02	LJ2CSS12D	940641-10	07/26/94	07/26/94

COMMENTS:

PESTICIDES/PCBS

b. Sample Data

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS03

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-01

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

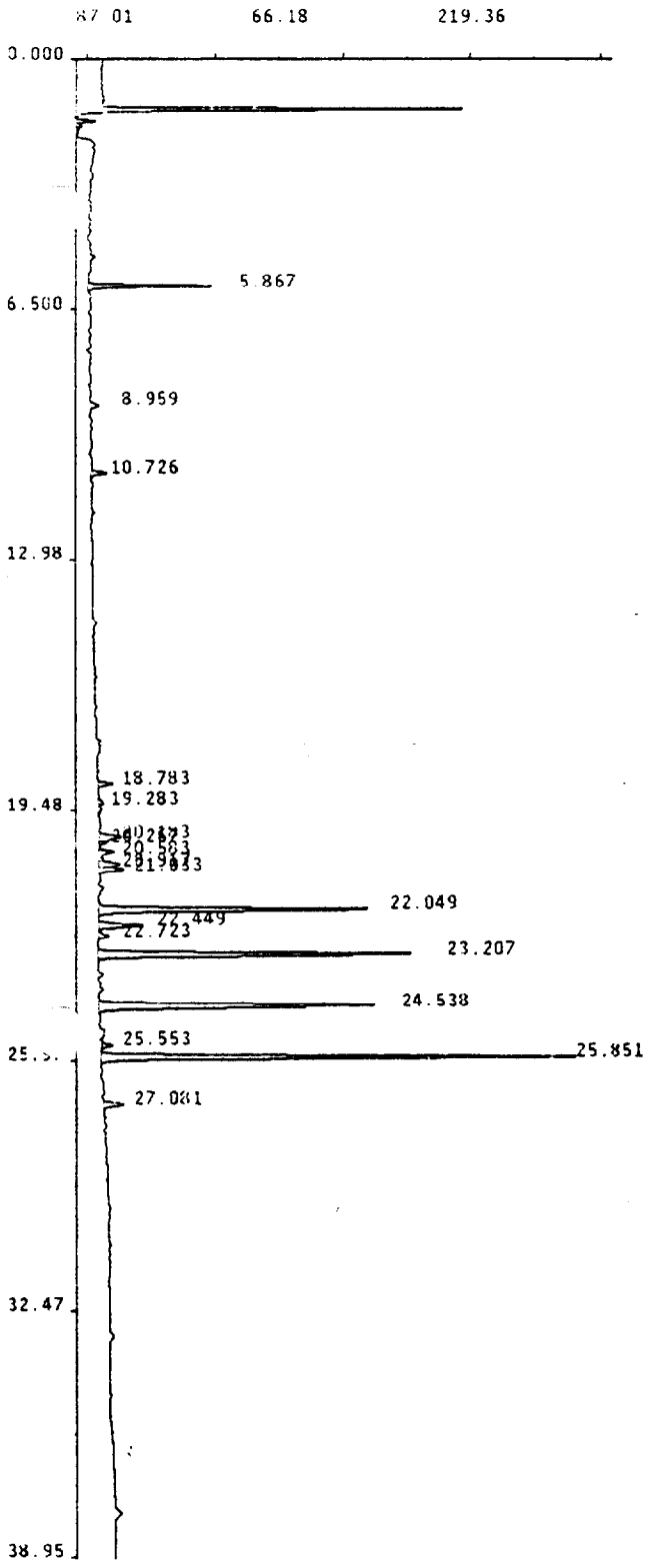
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	91	U
319-85-7	beta-BHC	91	U
319-86-8	delta-BHC	91	U
58-89-9	gamma-BHC (Lindane)	91	U
76-44-8	Heptachlor	91	U
309-00-2	Aldrin	91	U
1024-57-3	Heptachlor epoxide	91	U
959-98-8	Endosulfan I	91	U
60-57-1	Dieldrin	31	JP
72-55-9	4,4'-DDE	630	
72-20-8	Endrin	180	U
33213-65-9	Endosulfan II	180	U
72-54-8	4,4'-DDD	710	P
1031-07-8	Endosulfan sulfate	180	U
50-29-3	4,4'-DDT	1400	
72-43-5	Methoxychlor	910	U
53494-70-5	Endrin ketone	180	U
7421-93-4	Endrin aldehyde	180	U
5103-71-9	alpha-Chlordane	41	JP
5103-74-2	gamma-Chlordane	37	JP
8001-35-2	Toxaphene	9100	U
12674-11-2	Aroclor-1016	1800	U
11104-28-2	Aroclor-1221	3600	U
11141-16-5	Aroclor-1232	1800	U
53469-21-9	Aroclor-1242	1800	U
12672-29-6	Aroclor-1248	1800	U
11097-69-1	Aroclor-1254	1800	U
11096-82-5	Aroclor-1260	1800	U



Ceimic Corporation Pest/PCB Report

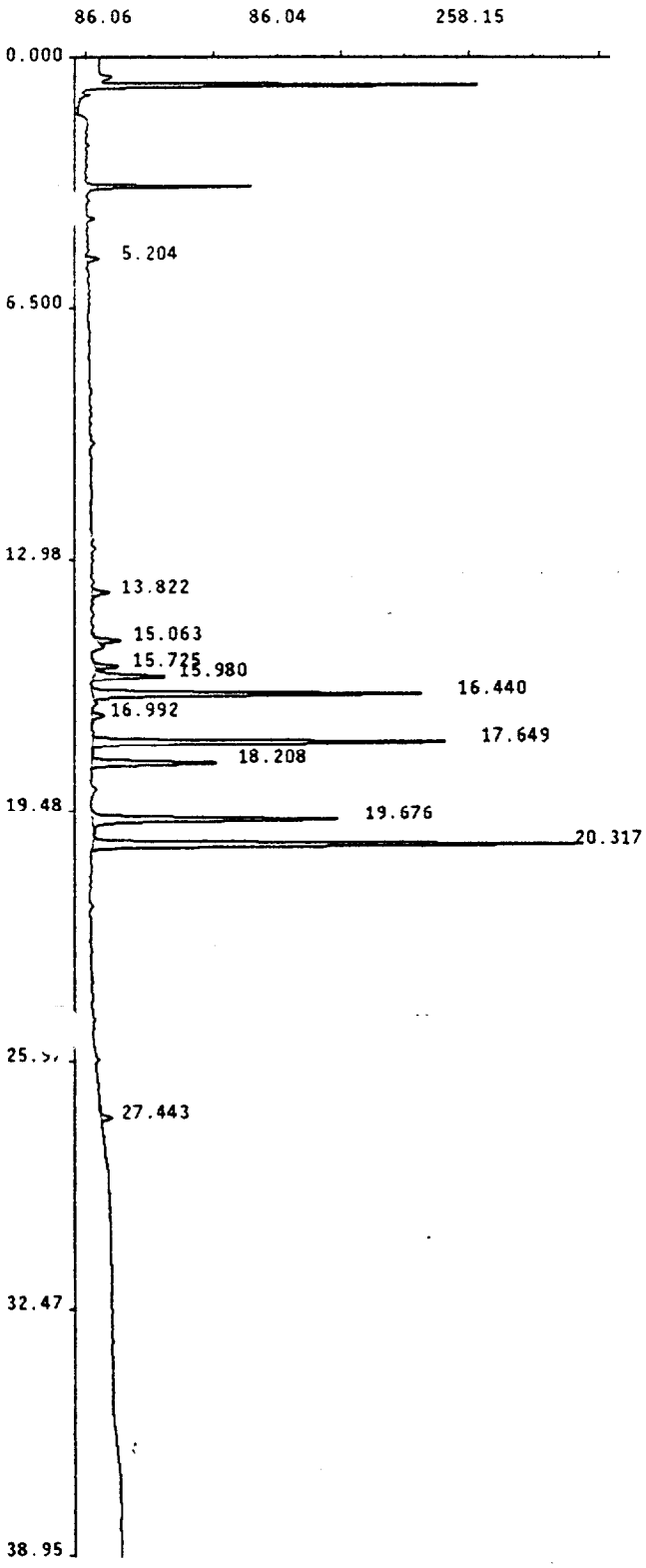
Sample Name : CLJ2-CSS03 50X
Lab Id : 940641-01
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL005.RES
Inject Time : 1939 22Jul1994
Run Status : RunStatusOK
SpecialInteg

7-26-94

Pk #	RT	Area	Code	MASSng	Name
1	5.87	36872	BB	.030	
2	8.96	3478	BB	.001	TCX
3	10.73	5451	BB	.004	
4	18.78	5532	FF	.004	
5	19.28	3212	FF	.003	
6	20.18	10256	FF	.003	G. CHLORDANE
7	20.27	3189	FF	.003	
8	20.58	6498	FF	.005	
9	20.92	8993	FF	.002	A. CHLORDANE
10	21.03	10006	FF	.004	~~ENDOSULF. I~~
11	22.05	103326	BB	.038	~~4,4'-DDE~~
12	22.45	18167	BB	.007	DIELDRIN
13	22.72	3878	BB	.003	
14	23.21	120711	BB	.097	
15	24.54	125064	BB	.062	4,4'-DDD
16	25.55	3323	BB	.003	
17	25.85	182354	BB	.084	4,4'-DDT
18	27.08	8963	BB	.007	
Total Area:		659272			

7-26-94

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1210 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS03 50X
Lab Id : 940641-01 50X
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL005.RES
Inject Time : 1939 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-24-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	5595	BB	.001	~~TCX~~
2	13.82	10776	BB	.004	~~DELTA-BHC~~ 7-24-94
3	15.06	11412	BB	.001	7-24-94
4	15.73	10824	BB	.002	G. CHLORDANE G.Chlordane
5	15.98	43036	BB	.008	A. CHLORDANE A.Chlordane
6	16.44	167977	BB	.035	4,4'-DDE 4,4'-DDE
7	16.99	7291	BB	.002	DIELDRIN
8	17.65	190572	BB	.020	
9	18.21	73995	BB	.008	
10	19.68	137450	BB	.040	4,4'-DDD
11	20.32	253673	BB	.080	4,4'-DDT
12	27.44	4616	BB	.001	DCB

Total Area: 917219

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1642 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS04

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-02

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 12 decanted: (Y/N) N Date Received: 07/21/94

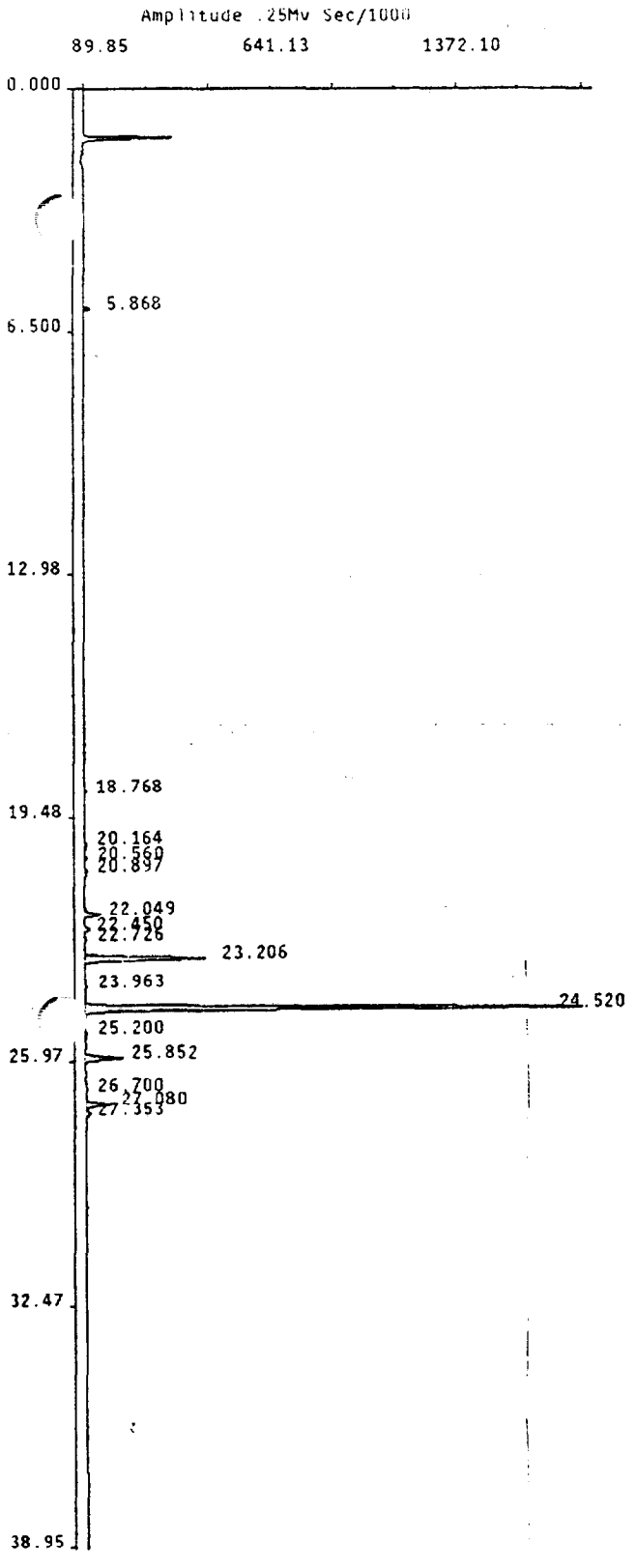
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	97	U
319-85-7	beta-BHC	97	U
319-86-8	delta-BHC	97	U
58-89-9	gamma-BHC (Lindane)	97	U
76-44-8	Heptachlor	97	U
309-00-2	Aldrin	97	U
1024-57-3	Heptachlor epoxide	97	U
959-98-8	Endosulfan I	97	U
60-57-1	Dieldrin	38	JP
72-55-9	4,4'-DDE	360	
72-20-8	Endrin	190	U
33213-65-9	Endosulfan II	190	U
72-54-8	4,4'-DDD	15000	
1031-07-8	Endosulfan sulfate	190	U
50-29-3	4,4'-DDT	1200	
72-43-5	Methoxychlor	970	U
53494-70-5	Endrin ketone	190	U
7421-93-4	Endrin aldehyde	190	U
5103-71-9	alpha-Chlordane	27	JP
5103-74-2	gamma-Chlordane	44	JP
8001-35-2	Toxaphene	9700	U
12674-11-2	Aroclor-1016	1900	U
11104-28-2	Aroclor-1221	3800	U
11141-16-5	Aroclor-1232	1900	U
53469-21-9	Aroclor-1242	1900	U
12672-29-6	Aroclor-1248	1900	U
11097-69-1	Aroclor-1254	1900	U
11096-82-5	Aroclor-1260	1900	U



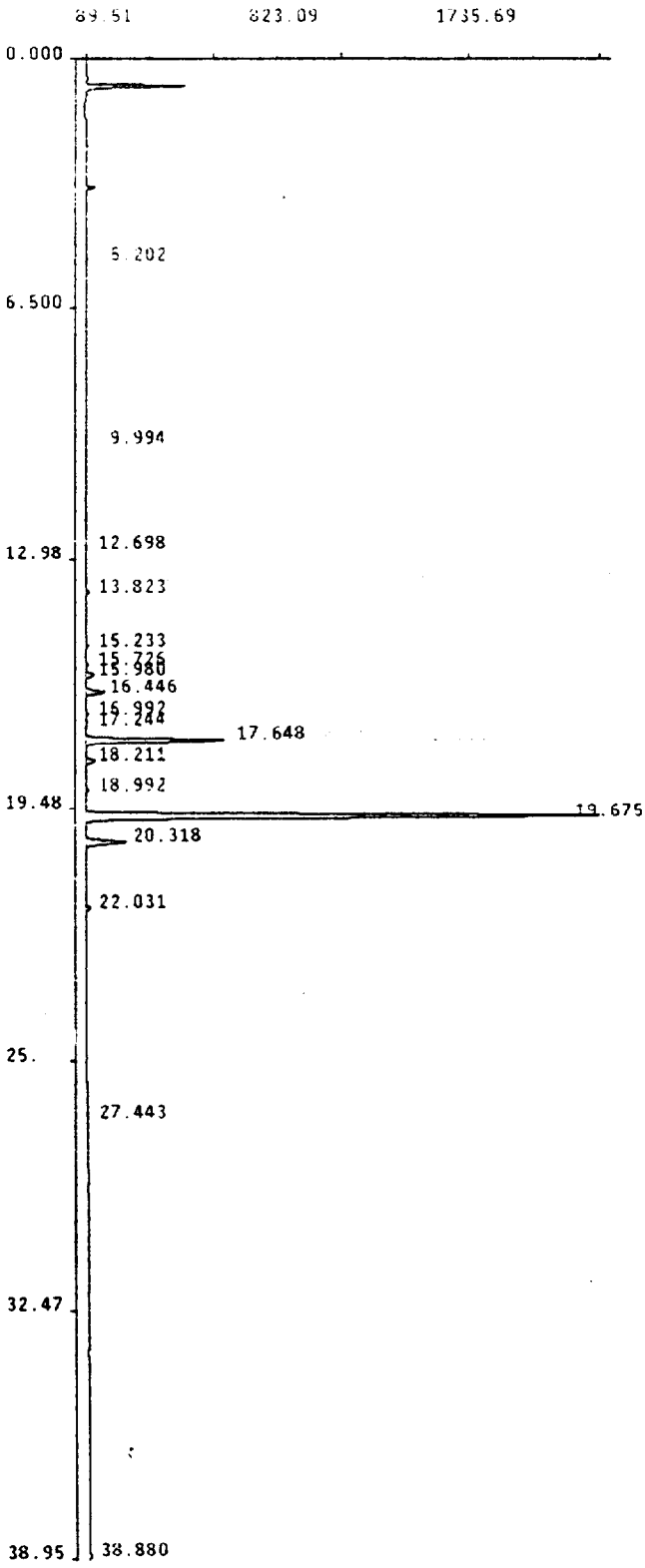
Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS04 50X
Lab Id : 940641-02
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL006.RES
Inject Time : 2023 22Jul1994
Run Status : RunStatusOK
EndOffBaseline
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	5.87	17929	BB	.014	
2	18.77	10325	BB	.008	
3	20.16	14877	BB	.004	G. CHLORDANE
4	20.56	8656	BB	.007	
5	20.90	5730	BB	.001	A. CHLORDANE
6	22.05	64877	BB	.024	4,4'-DDE
7	22.45	20787	BB	.008	DIELDRIN
8	22.73	6508	BB	.005	
9	23.21	460450	BB	.370	
10	23.96	6062	BB	.005	
11	24.52	1825202	BB	.901	4,4'-DDD
12	25.20	9030	BB	.007	
13	25.85	141459	BB	.065	4,4'-DDT
14	26.70	9034	BB	.007	
15	27.08	104380	BB	.084	
16	27.35	14581	BB	.012	

Total Area: 2719887

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1202 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS04 50X
Lab Id : 940641-02
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL006.RES
Inject Time : 2023 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	5.20	5115	BB	.001	~~TCX~~
2	9.99	4798	BB	.001	
3	12.70	4375	BB	.000	
4	13.82	17957	BB	.006	~~DELTA-BHC~~
5	15.23	9916	BB	.001	
6	15.73	12387	BB	.002	G. CHLORDANE
7	15.98	47399	BB	.009	A. CHLORDANE
8	16.45	91816	BB	.019	4,4'-DDE
9	16.99	8383	BB	.002	DIELDRIN
10	17.24	10455	BB	.001	
11	17.65	712736	BB	.075	
12	18.21	49389	BB	.005	
13	18.99	13336	BB	.001	
14	19.68	2698275	BB	.776	4,4'-DDD
15	20.32	215236	BB	.068	4,4'-DDT
16	22.03	27789	BB	.003	
17	27.44	5531	BB	.001	~~DCB~~
18	38.88	16339	BB	.002	

Total Area: 3951231

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1201 26Jul1994

7-26-94

7-26-94

7-26-94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS04DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-02DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 07/21/94

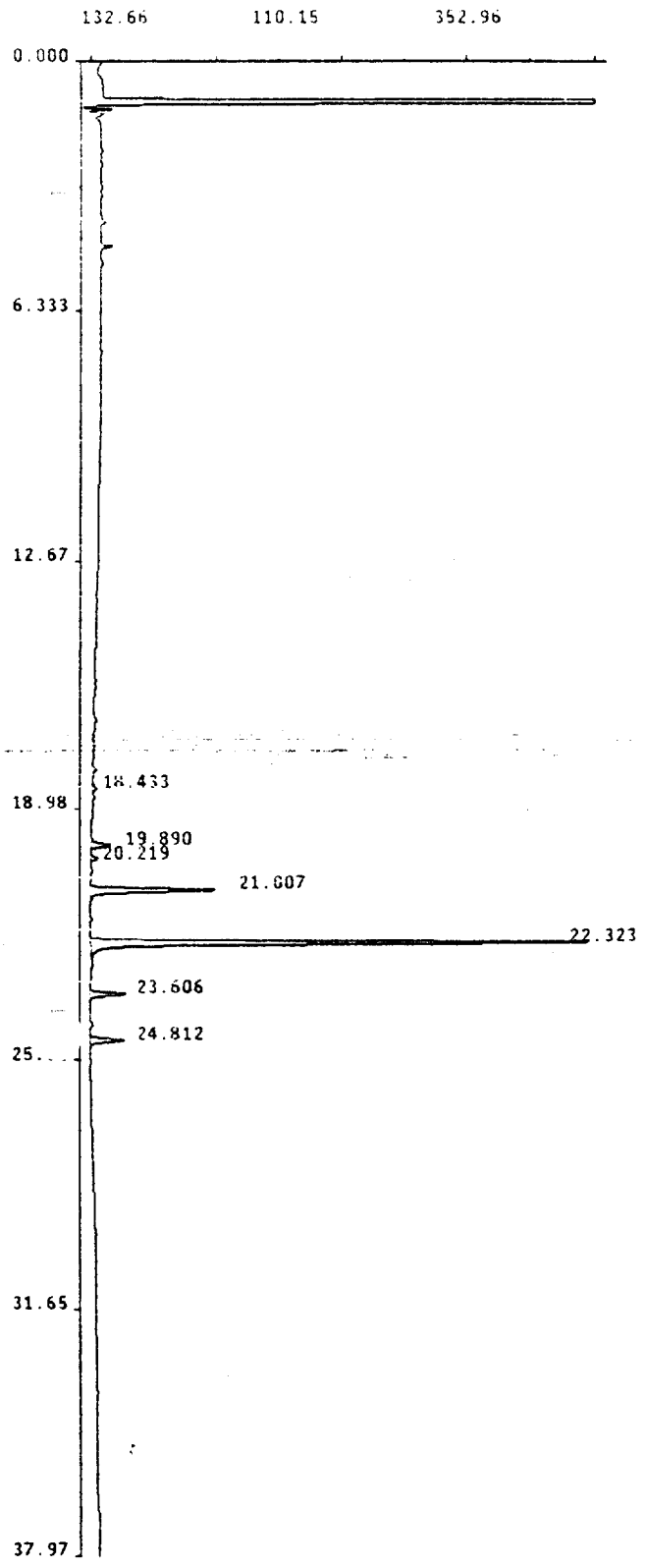
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	970	U
319-85-7	beta-BHC	970	U
319-86-8	delta-BHC	970	U
58-89-9	gamma-BHC (Lindane)	970	U
76-44-8	Heptachlor	970	U
309-00-2	Aldrin	970	U
1024-57-3	Heptachlor epoxide	970	U
959-98-8	Endosulfan I	970	U
60-57-1	Dieldrin	1900	U
72-55-9	4,4'-DDE	310	J
72-20-8	Endrin	1900	U
33213-65-9	Endosulfan II	1900	U
72-54-8	4,4'-DDD	12000	
1031-07-8	Endosulfan sulfate	1900	U
50-29-3	4,4'-DDT	640	J
72-43-5	Methoxychlor	9700	U
53494-70-5	Endrin ketone	1900	U
7421-93-4	Endrin aldehyde	1900	U
5103-71-9	alpha-Chlordane	970	U
5103-74-2	gamma-Chlordane	970	U
8001-35-2	Toxaphene	97000	U
12674-11-2	Aroclor-1016	19000	U
11104-28-2	Aroclor-1221	38000	U
11141-16-5	Aroclor-1232	19000	U
53469-21-9	Aroclor-1242	19000	U
12672-29-6	Aroclor-1248	19000	U
11097-69-1	Aroclor-1254	19000	U
11096-82-5	Aroclor-1260	19000	U



Ceimic Corporation Pest/PCB Report

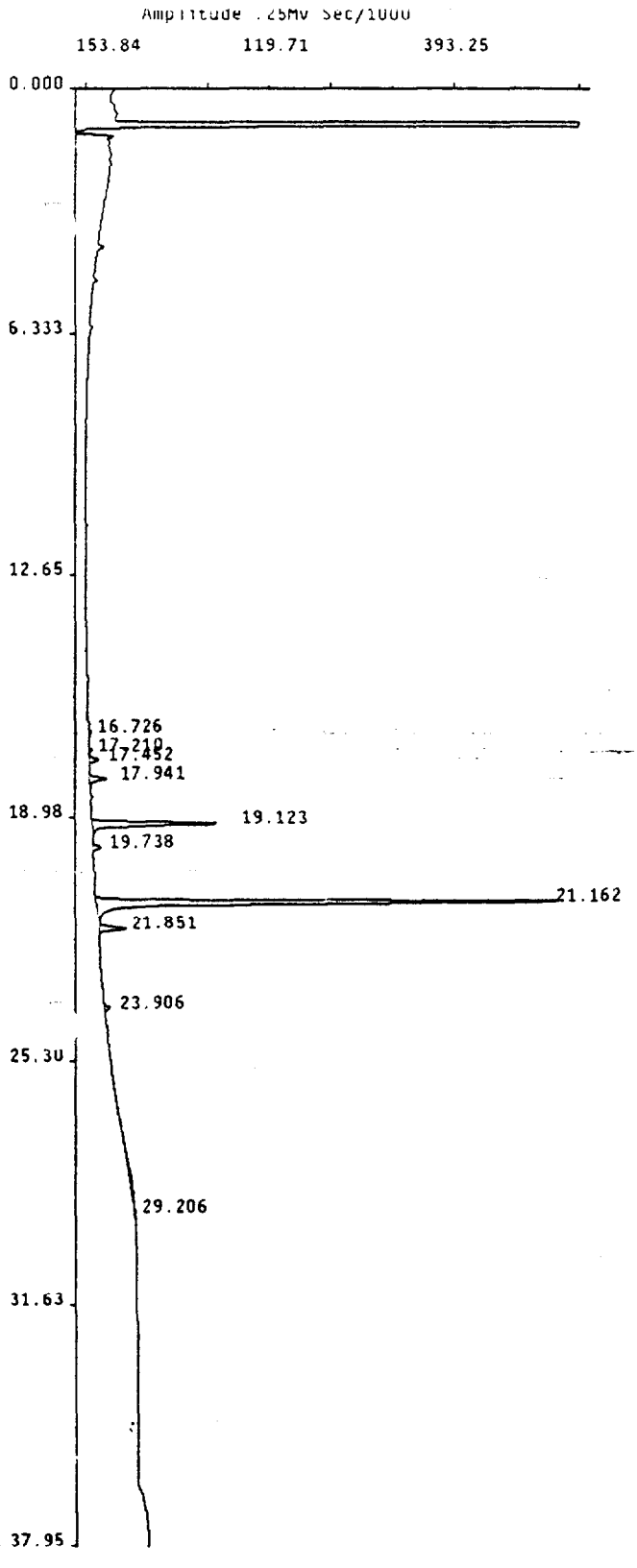
Sample Name : CLJ2-CSS04 DL 1:500
Lab Id : 940641-~~02~~ 02DL
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL049.RES
Inject Time : 0119 26Jul1994
Run Status : RunStatusOK
EndOffBaseline
NoReference

7-26-94

Pk #	RT	Area	Code	MASSng	Name
1	18.43	2442	BB	.001	
2	19.89	14259	BB	.002	4,4'-DDE
3	20.22	4952	BB	.001	
4	21.01	92737	BB	.020	
5	22.32	334327	BB	.065	4,4'-DDD
6	23.61	23552	BB	.004	4,4'-DDT
7	24.81	25290	BB	.006	

Total Area: 497558

Method File: /DATA/METHOD/INDABQS.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0935 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS04 DL 1:500
Lab Id : 940641-~~02~~ 07 DL
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL049.RES
Inject Time : 0119 26Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-26-94

Pk #	RT	Area	Code	MASSng	Name
1	16.73	2369	BB	.001	
2	17.21	2059	BB	.000	G. CHLORDANE
3	17.45	7389	BB	.001	A. CHLORDANE
4	17.94	14181	BB	.002	4,4'-DDE
5	19.12	102762	BB	.023	
6	19.74	5417	BB	.001	
7	21.16	374105	BB	.067	4,4'-DDD
8	21.85	19888	BB	.003	4,4'-DDT
9	23.91	3773	BB	.001	
10	29.21	17943	BB	.001	DCB

Total Area: 549886

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0939 26Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS06

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-03

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 07/21/94

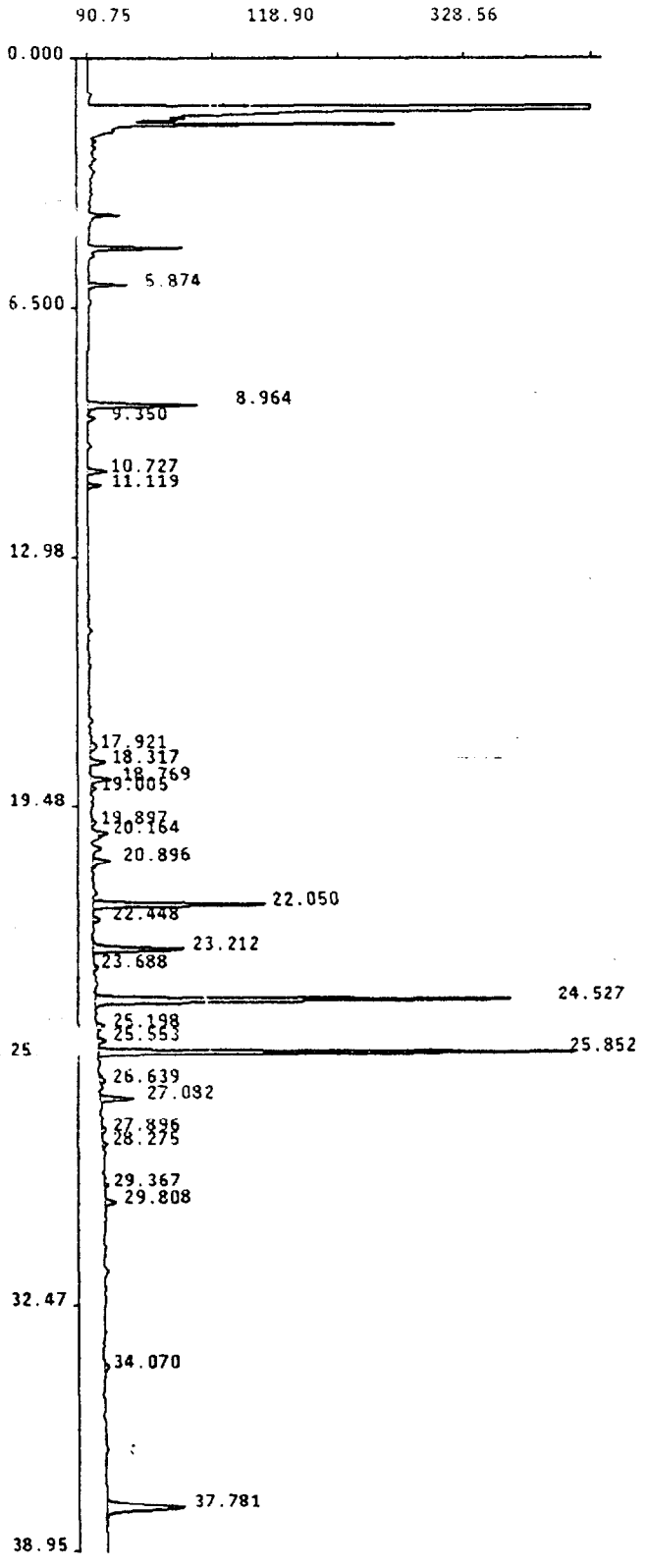
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.4	U
319-85-7	beta-BHC	4.4	U
319-86-8	delta-BHC	4.4	U
58-89-9	gamma-BHC (Lindane)	4.4	U
76-44-8	Heptachlor	4.4	U
309-00-2	Aldrin	4.4	U
1024-57-3	Heptachlor epoxide	4.4	U
959-98-8	Endosulfan I	4.4	U
60-57-1	Dieldrin	8.5	U
72-55-9	4,4'-DDE	35	
72-20-8	Endrin	8.5	U
33213-65-9	Endosulfan II	8.5	U
72-54-8	4,4'-DDD	110	
1031-07-8	Endosulfan sulfate	8.5	U
50-29-3	4,4'-DDT	130	
72-43-5	Methoxychlor	44	U
53494-70-5	Endrin ketone	8.5	U
7421-93-4	Endrin aldehyde	8.5	U
5103-71-9	alpha-Chlordane	3.3	JP
5103-74-2	gamma-Chlordane	1.6	JP
8001-35-2	Toxaphene	440	U
12674-11-2	Aroclor-1016	85	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	85	U
53469-21-9	Aroclor-1242	85	U
12672-29-6	Aroclor-1248	85	U
11097-69-1	Aroclor-1254	85	U
11096-82-5	Aroclor-1260	85	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS06 2X
Lab Id : 940641-03 2X
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL007.RES
Inject Time : 2106 22Jul1994
Run Status : EndOffBaseline
SignalOverload

7-24-94

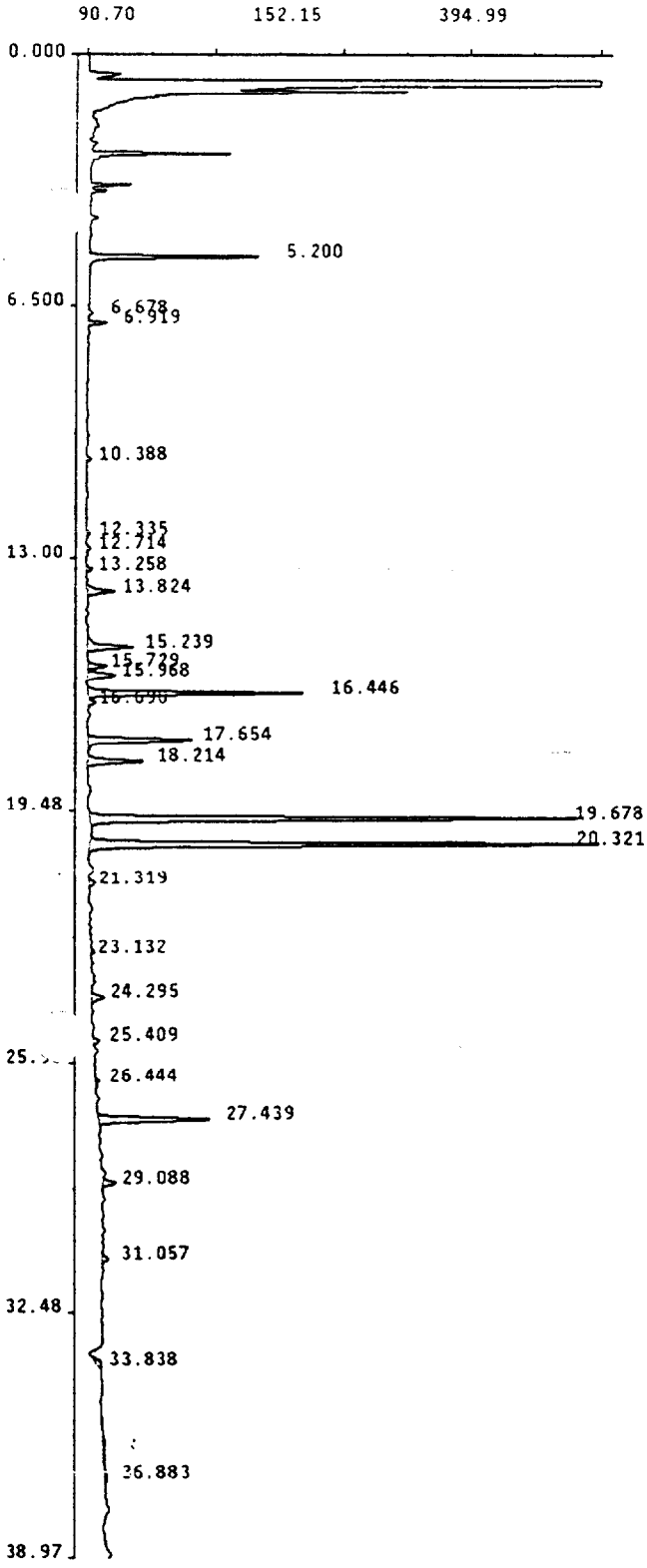
Pk #	RT	Area	Code	MASSng	Name
1	5.87	21810	BB	.018	
2	8.96	71380	BB	.020	TCX
3	9.35	4430	BB	.004	
4	10.73	12688	BB	.010	
5	11.12	8613	BB	.007	
6	17.92	7538	BB	.006	
7	18.32	10929	BB	.009	
8	18.77	13770	BB	.011	
9	19.01	2916	BB	.002	
10	19.90	4238	BB	.003	
11	20.16	7556	BB	.002	G. CHLORDANE G. Chlordane
12	20.90	15164	BB	.004	A. CHLORDANE G. Chlordane
13	22.05	119540	BB	.043	4,4'-DDE
14	22.45	5374	BB	.002	DIELDRIN
15	23.21	66970	BB	.054	
16	23.69	4039	BB	.003	
17	24.53	296101	BB	.146	4,4'-DDD
18	25.20	7163	BB	.006	
19	25.55	5980	BB	.005	
20	25.85	322039	BB	.148	4,4'-DDT
21	26.64	5820	BB	.005	
22	27.08	24738	BB	.020	
23	27.90	4096	BB	.003	
24	28.28	3714	BB	.003	
25	29.37	3269	BB	.003	
26	29.81	8578	BB	.006	METHOXYCHLOR
27	34.07	5202	BB	.004	
28	37.78	103314	BB	.024	DCB

Total Area: 1166969

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1646 24Jul1994

7-24-94

7-25-94



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS06 2X
Lab Id : 940641-03 2X
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL007.RES
Inject Time : 2106 22Jul1994
Run Status : EndOffBaseline
SignalOverload

7-24-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	117541	BB	.020	TCX
2	6.68	4289	BB	.000	
3	6.92	12427	BB	.001	
4	10.39	4373	BB	.000	
5	12.34	4037	BB	.000	
6	12.71	5915	BB	.001	
7	13.26	5390	BB	.001	
8	13.82	29275	BB	.010	~~DELTA-BHC~~
9	15.24	49821	BB	.005	
10	15.73	17983	BB	.003	G. CHLORDANE (G. Chlordane)
11	15.97	32760	BB	.006	A. CHLORDANE (A Chlordane)
12	16.45	196561	BB	.041	4,4'-DDE (4,4'-DDE)
13	16.69	6977	BB	.001	
14	17.65	107258	BB	.011	
15	18.21	57750	BB	.006	
16	19.68	440547	BB	.127	4,4'-DDD
17	20.32	471726	BB	.149	4,4'-DDT
18	21.32	8359	BB	.001	
19	23.13	4530	BB	.000	
20	24.30	14312	BB	.005	ENDRIN KETON
21	25.41	6280	BB	.001	
22	26.44	4315	BB	.000	
23	27.44	119538	BB	.022	DCB
24	29.09	13677	BB	.001	
25	31.06	6974	BB	.001	
26	33.84	12010	BB	.001	
27	36.88	20784	BB	.002	

Total Area: 1775407

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1647 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS07

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-04

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 14 decanted: (Y/N) N Date Received: 07/21/94

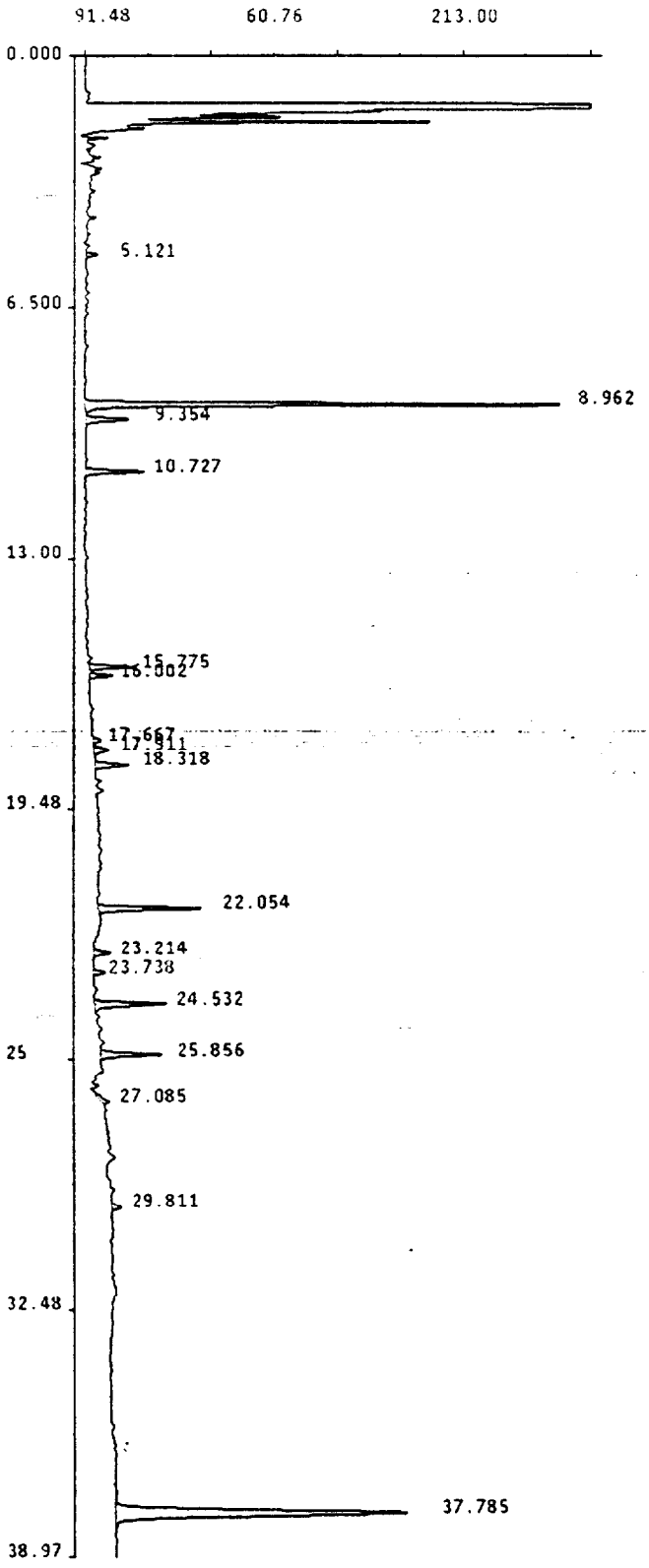
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	5.1	
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	4.9	
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	4.2	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS07
Lab Id : 940641-04
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/L6P22JUL008.RES
Inject Time : 2149 22Jul1994
Run Status : RunStatusOK
Multilevel : False
Application : Loop
Quantitation: AreaUnits

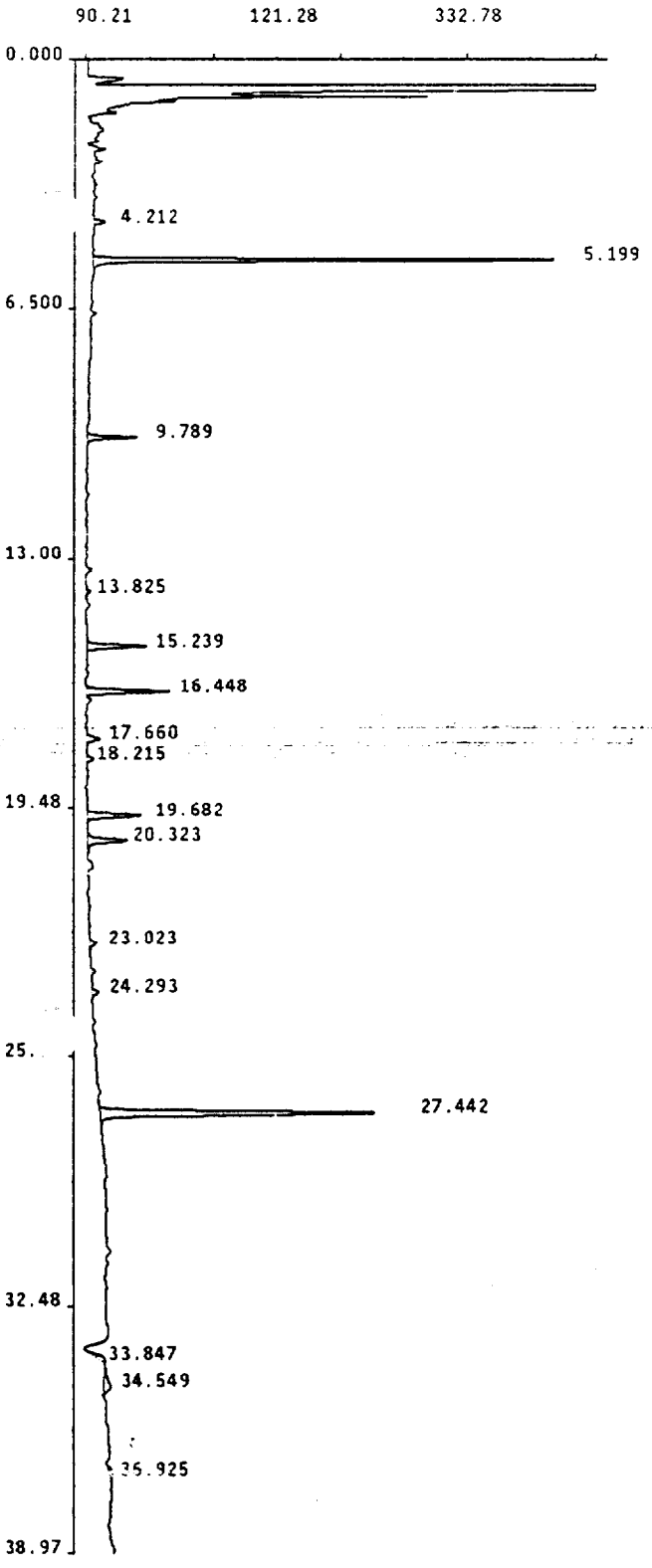
7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3322	BB	.003	
2	8.96	148689	BB	.042	TCX
3	9.35	15308	BB	.012	
4	10.73	19904	BB	.016	
5	15.78	15158	BB	.012	
6	16.00	6966	BB	.006	
7	17.67	2819	BB	.002	
8	17.91	6591	BB	.005	
9	18.32	12453	BB	.010	
10	22.05	38695	BB	.014	4,4'-DDE
11	23.21	5864	BB	.005	
12	23.74	4190	BB	.003	
13	24.53	29022	BB	.014	4,4'-DDD
14	25.86	23288	BB	.011	4,4'-DDT
15	27.08	5089	BB	.004	
16	29.81	3905	BB	.003	METHOXYCHLOR
17	37.79	195220	BB	.045	DCB

Total Area: 536484

7-25-94

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1650 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS07
Lab Id : 940641-04
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL008.RES
Inject Time : 2149 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	4.21	8124	BB	.001	
2	5.20	245455	BB	.041	TCX
3	9.79	31122	BB	.003	
4	13.83	3652	BB	.001	DELTA-BHC
5	15.24	47309	BB	.005	
6	16.45	62557	BB	.013	4,4'-DDE
7	17.66	11730	BB	.001	
8	18.22	5805	BB	.001	
9	19.68	43618	BB	.013	4,4'-DDD
10	20.32	35209	BB	.011	4,4'-DDT
11	23.02	7035	BB	.001	
12	24.29	6329	BB	.002	ENDRIN KETON
13	27.44	240644	BB	.044	DCB
14	33.85	11969	BB	.001	
15	34.55	16201	BB	.002	
16	36.93	6877	BB	.001	

Total Area: 783636

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1650 24Jul1994

7-25-94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS08

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-05

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 07/21/94

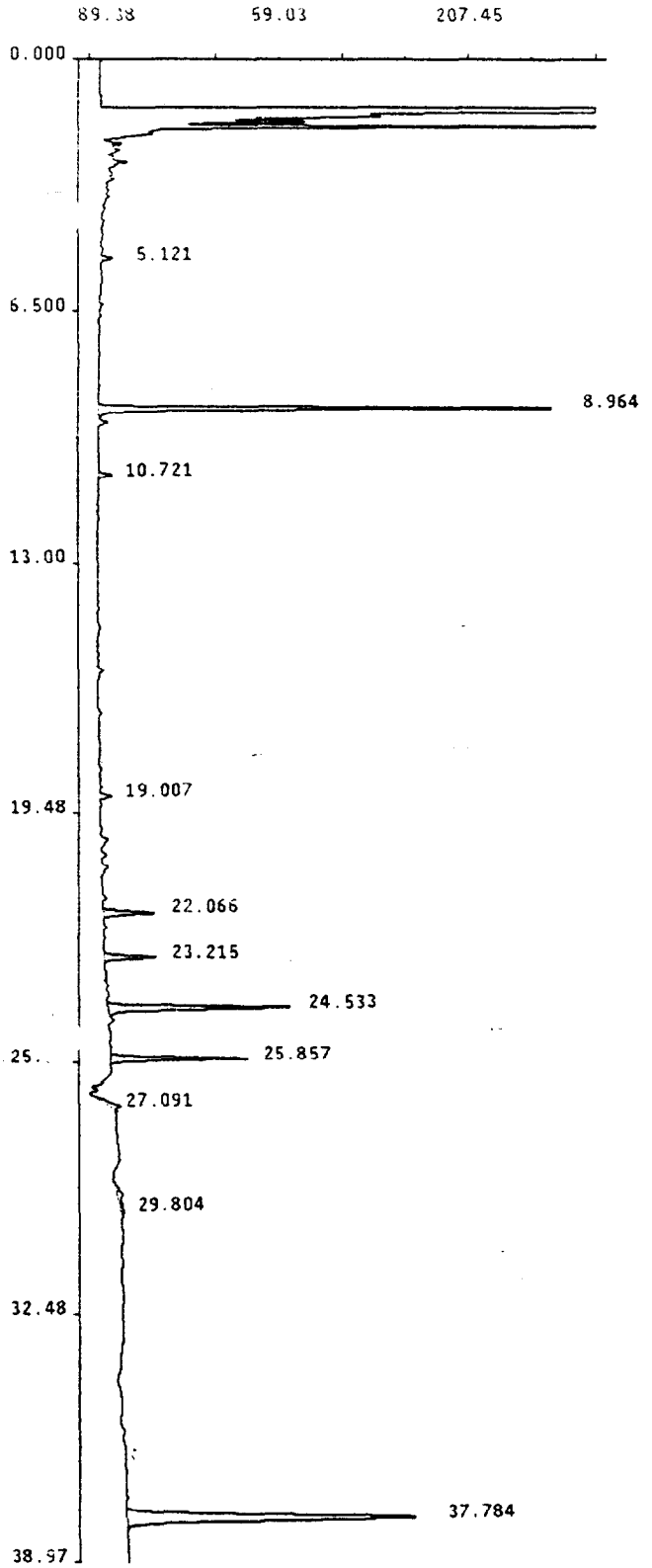
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	1.6	JP
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	11	
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	7.9	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS08
Lab Id : 940641-05
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL009.RES
Inject Time : 2233 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

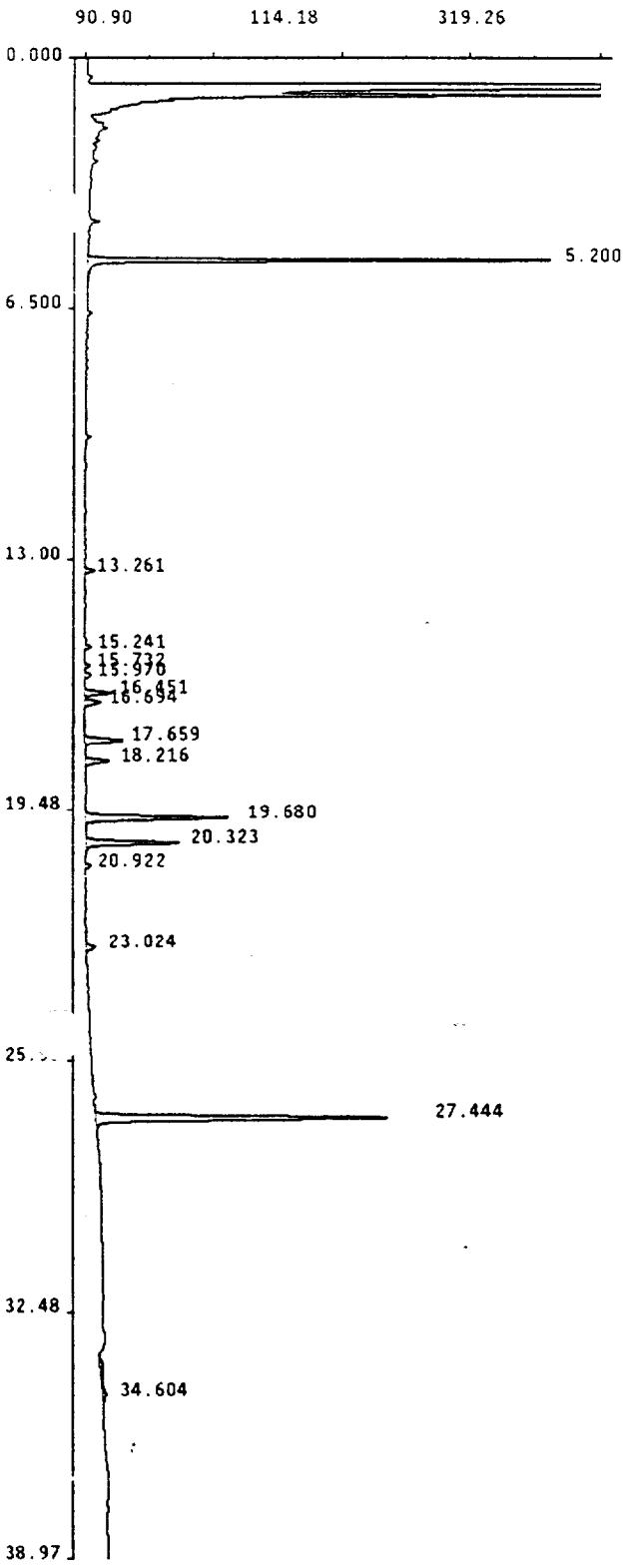
7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3136	BB	.003	
2	8.96	141048	BB	.040	TCX
3	10.72	4575	BB	.004	
4	19.01	3942	BB	.003	
5	22.07	19123	BB	.007	4,4'-DDE
6	23.22	17624	BB	.014	
7	24.53	71628	BB	.035	4,4'-DDD
8	25.86	48739	BB	.022	4,4'-DDT
9	27.09	7783	BB	.006	
10	29.80	7271	BB	.005	METHOXYCHLOR
11	37.78	186009	BB	.043	DCB

Total Area: 510878

7-25-94

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1652 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS08
Lab Id : 940641-05
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL009.RES
Inject Time : 2233 22Jul1994
Run Status : RunStatusOK
SignalOverload

7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	238669	BB	.040	TCX
2	13.26	6483	BB	.001	
3	15.24	4038	BB	.000	
4	15.73	3599	BB	.001	G. CHLORDANE
5	15.97	5872	BB	.001	A. CHLORDANE
6	16.45	19771	BB	.004	4,4'-DDE
7	16.69	11251	BB	.001	
8	17.66	30436	BB	.003	
9	18.22	17534	BB	.002	
10	19.68	101616	BB	.029	4,4'-DDD
11	20.32	65913	BB	.021	4,4'-DDT
12	20.92	4329	BB	.000	
13	23.02	7055	BB	.001	
14	27.44	235807	BB	.043	DCB
15	34.60	16088	BB	.002	

Total Area:		768463			

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1652 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS09

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-06

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 21 decanted: (Y/N) N Date Received: 07/21/94

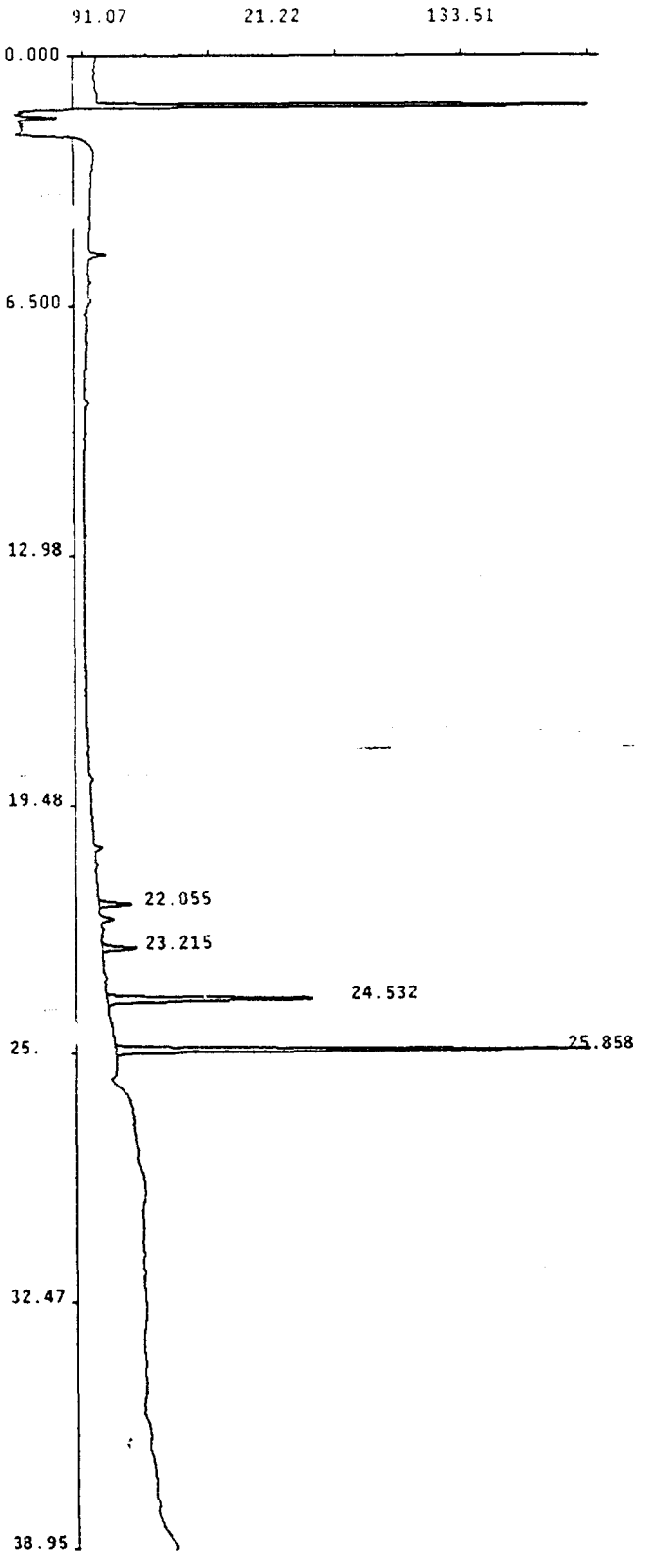
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/22/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1100	U
319-85-7	beta-BHC	1100	U
319-86-8	delta-BHC	1100	U
58-89-9	gamma-BHC (Lindane)	1100	U
76-44-8	Heptachlor	1100	U
309-00-2	Aldrin	1100	U
1024-57-3	Heptachlor epoxide	1100	U
959-98-8	Endosulfan I	1100	U
60-57-1	Dieldrin	2100	U
72-55-9	4,4'-DDE	300	J
72-20-8	Endrin	2100	U
33213-65-9	Endosulfan II	2100	U
72-54-8	4,4'-DDD	2800	
1031-07-8	Endosulfan sulfate	2100	U
50-29-3	4,4'-DDT	5500	
72-43-5	Methoxychlor	11000	U
53494-70-5	Endrin ketone	2100	U
7421-93-4	Endrin aldehyde	2100	U
5103-71-9	alpha-Chlordane	1100	U
5103-74-2	gamma-Chlordane	1100	U
8001-35-2	Toxaphene	110000	U
12674-11-2	Aroclor-1016	21000	U
11104-28-2	Aroclor-1221	42000	U
11141-16-5	Aroclor-1232	21000	U
53469-21-9	Aroclor-1242	21000	U
12672-29-6	Aroclor-1248	21000	U
11097-69-1	Aroclor-1254	21000	U
11096-82-5	Aroclor-1260	21000	U



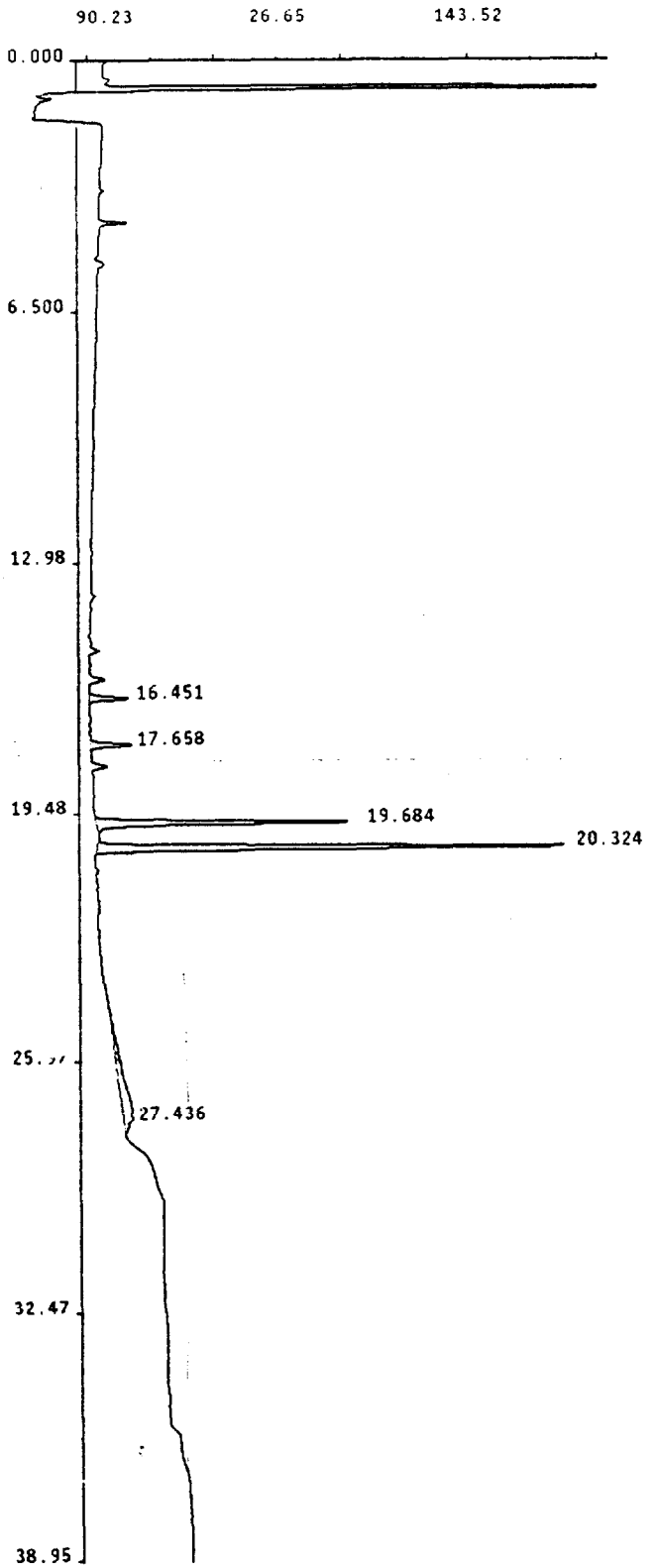
Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS09 500X
Lab Id : 940641-06 500X
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL010.RES
Inject Time : 2316 22Jul1994
Run Status : RunStatusOK
EndOffBaseline
NoReference

7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	22.06	4269	BB	.002	4,4'-DDE
2	23.22	4456	BB	.004	
3	24.53	27787	BB	.014	4,4'-DDD
4	25.86	60271	BB	.028	4,4'-DDT
Total Area:		96783			

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1655 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS09 500X
Lab Id : 940641-06 500X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL010.RES
Inject Time : 2316 22Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	16.45	6705	BB	.001	4,4'-DDE
2	17.66	7072	BB	.001	
3	19.68	45697	BB	.013	4,4'-DDD
4	20.32	83399	BB	.026	4,4'-DDT
5	27.44	24621	BB	.004	DCB

Total Area: 167495

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1655 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS10

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-07

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 07/21/94

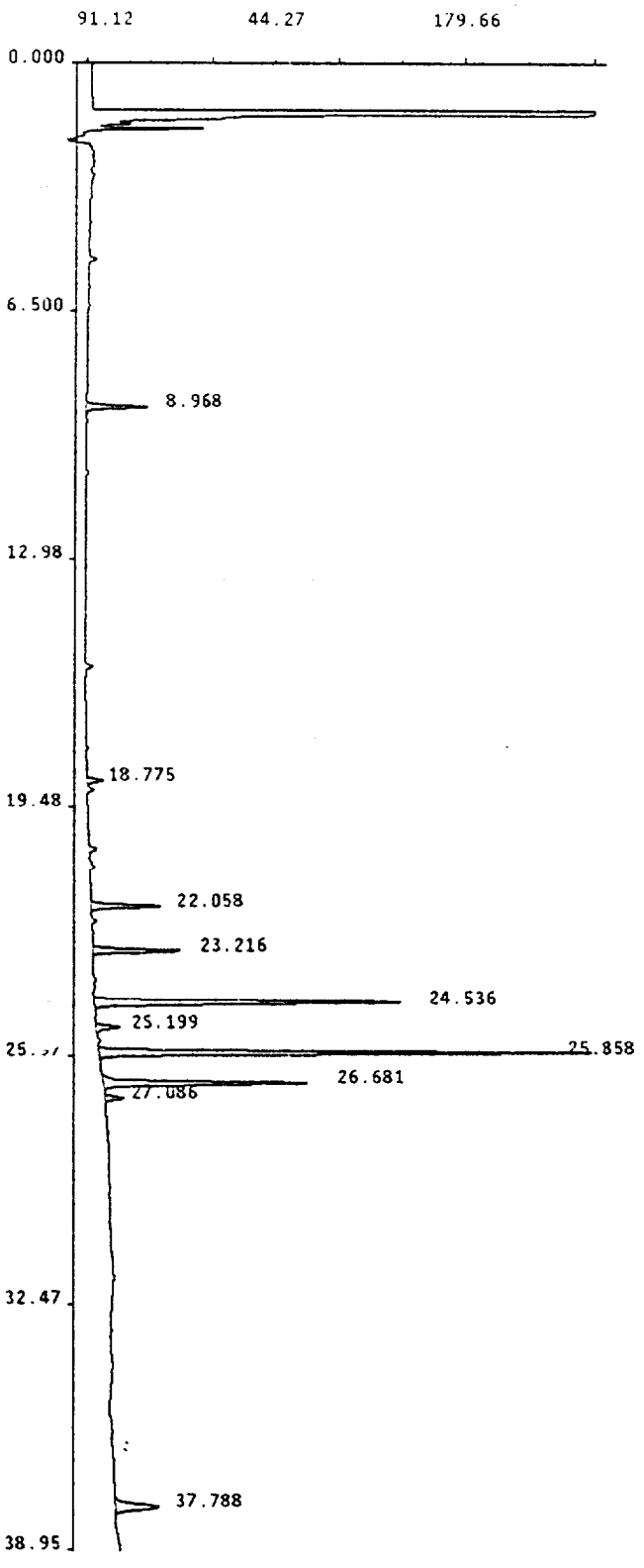
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20	U
319-85-7	beta-BHC	20	U
319-86-8	delta-BHC	20	U
58-89-9	gamma-BHC (Lindane)	20	U
76-44-8	Heptachlor	20	U
309-00-2	Aldrin	20	U
1024-57-3	Heptachlor epoxide	20	U
959-98-8	Endosulfan I	20	U
60-57-1	Dieldrin	39	U
72-55-9	4,4'-DDE	21	JP
72-20-8	Endrin	39	U
33213-65-9	Endosulfan II	39	U
72-54-8	4,4'-DDD	140	
1031-07-8	Endosulfan sulfate	39	U
50-29-3	4,4'-DDT	230	
72-43-5	Methoxychlor	200	U
53494-70-5	Endrin ketone	39	U
7421-93-4	Endrin aldehyde	39	U
5103-71-9	alpha-Chlordane	20	U
5103-74-2	gamma-Chlordane	20	U
8001-35-2	Toxaphene	2000	U
12674-11-2	Aroclor-1016	390	U
11104-28-2	Aroclor-1221	800	U
11141-16-5	Aroclor-1232	390	U
53469-21-9	Aroclor-1242	390	U
12672-29-6	Aroclor-1248	390	U
11097-69-1	Aroclor-1254	390	U
11096-82-5	Aroclor-1260	390	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS10 10X
Lab Id : 940641-07 10X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/L6P22JUL011.RES
Inject Time : 0000 23Jul1994
Run Status : RunStatusOK
EndOffBaseline

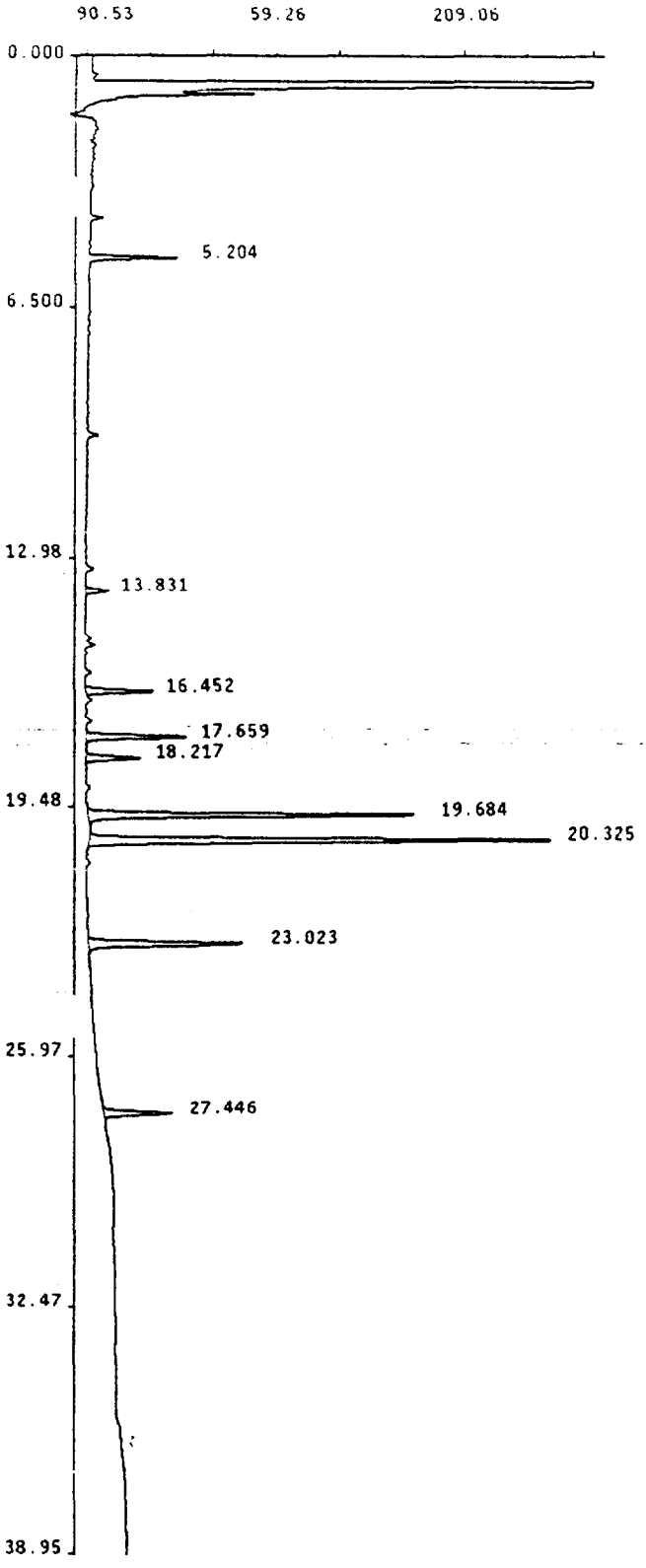
Multilevel : False
Application : Loop
Quantitation: AreaUnits

7.25-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	14467	BB	.004	TCX
2	18.77	3969	BB	.003	
3	22.06	18767	BB	.007	4,4'-DDE
4	23.22	24060	BB	.019	
5	24.54	86657	BB	.043	4,4'-DDD
6	25.20	6818	BB	.005	
7	25.86	127426	BB	.059	4,4'-DDT
8	26.68	60887	BB	.049	
9	27.09	5135	BB	.004	
10	37.79	21031	BB	.005	DCB

Total Area: 369227

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1656 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS10 10X
Lab Id : 940641-07 10X
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL011.RES
Inject Time : 0000 23Jul1994
Run Status : RunStatusOK

7-25-94 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	5.20	23900	BB	.004	TCX
2	13.83	8696	BB	.003	DELTA-BHC
3	16.45	25624	BB	.005	4,4'-DDE
4	17.66	38420	BB	.004	
5	18.22	21037	BB	.002	
6	19.68	126024	BB	.036	4,4'-DDD
7	20.32	191306	BB	.060	4,4'-DDT
8	23.02	68346	BB	.007	
9	27.45	26017	BB	.005	DCB

Total Area: 529371

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1657 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS11

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-08

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date Received: 07/21/94

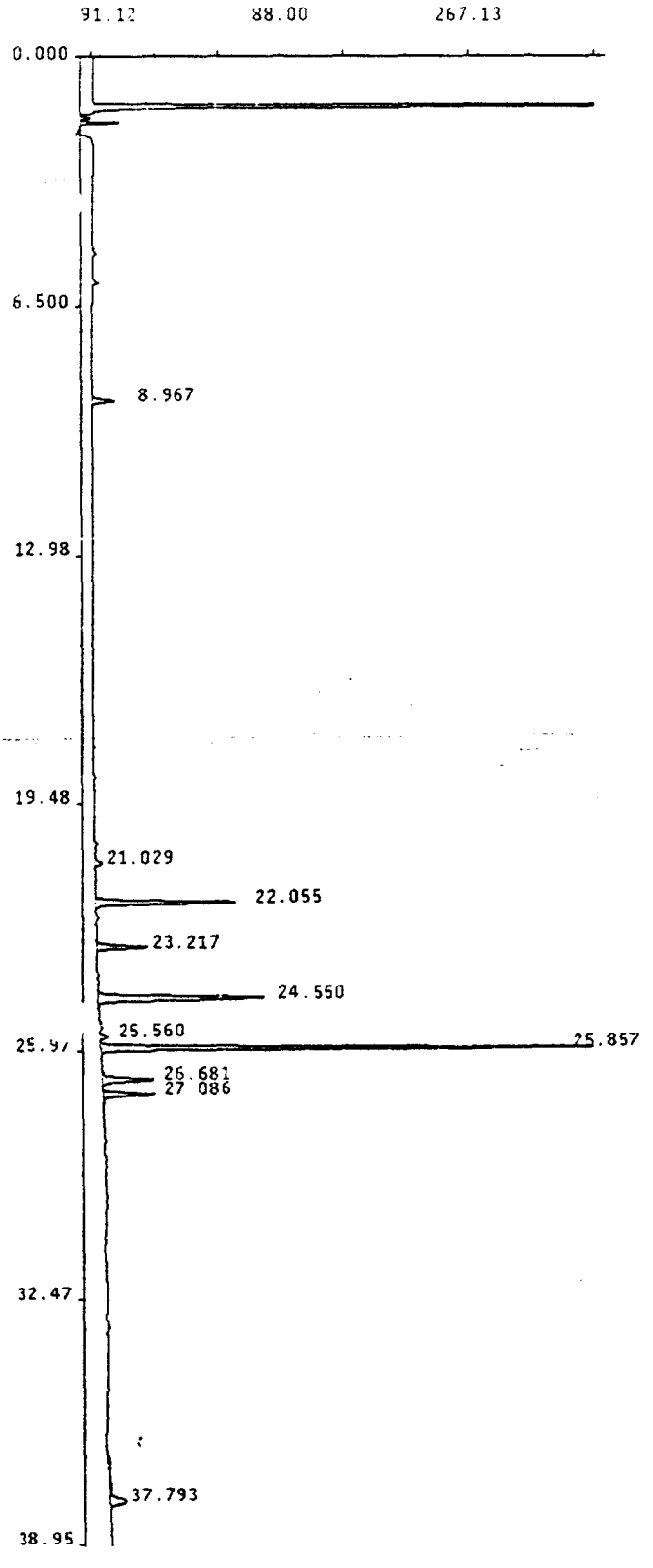
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18	U
319-85-7	beta-BHC	18	U
319-86-8	delta-BHC	18	U
58-89-9	gamma-BHC (Lindane)	18	U
76-44-8	Heptachlor	18	U
309-00-2	Aldrin	18	U
1024-57-3	Heptachlor epoxide	18	U
959-98-8	Endosulfan I	18	U
60-57-1	Dieldrin	36	U
72-55-9	4,4'-DDE	92	
72-20-8	Endrin	36	U
33213-65-9	Endosulfan II	36	U
72-54-8	4,4'-DDD	110	P
1031-07-8	Endosulfan sulfate	36	U
50-29-3	4,4'-DDT	410	
72-43-5	Methoxychlor	180	U
53494-70-5	Endrin ketone	36	U
7421-93-4	Endrin aldehyde	36	U
5103-71-9	alpha-Chlordane	18	U
5103-74-2	gamma-Chlordane	18	U
8001-35-2	Toxaphene	1800	U
12674-11-2	Aroclor-1016	360	U
11104-28-2	Aroclor-1221	730	U
11141-16-5	Aroclor-1232	360	U
53469-21-9	Aroclor-1242	360	U
12672-29-6	Aroclor-1248	360	U
11097-69-1	Aroclor-1254	360	U
11096-82-5	Aroclor-1260	360	U



Ceimic Corporation Pest/PCB Report

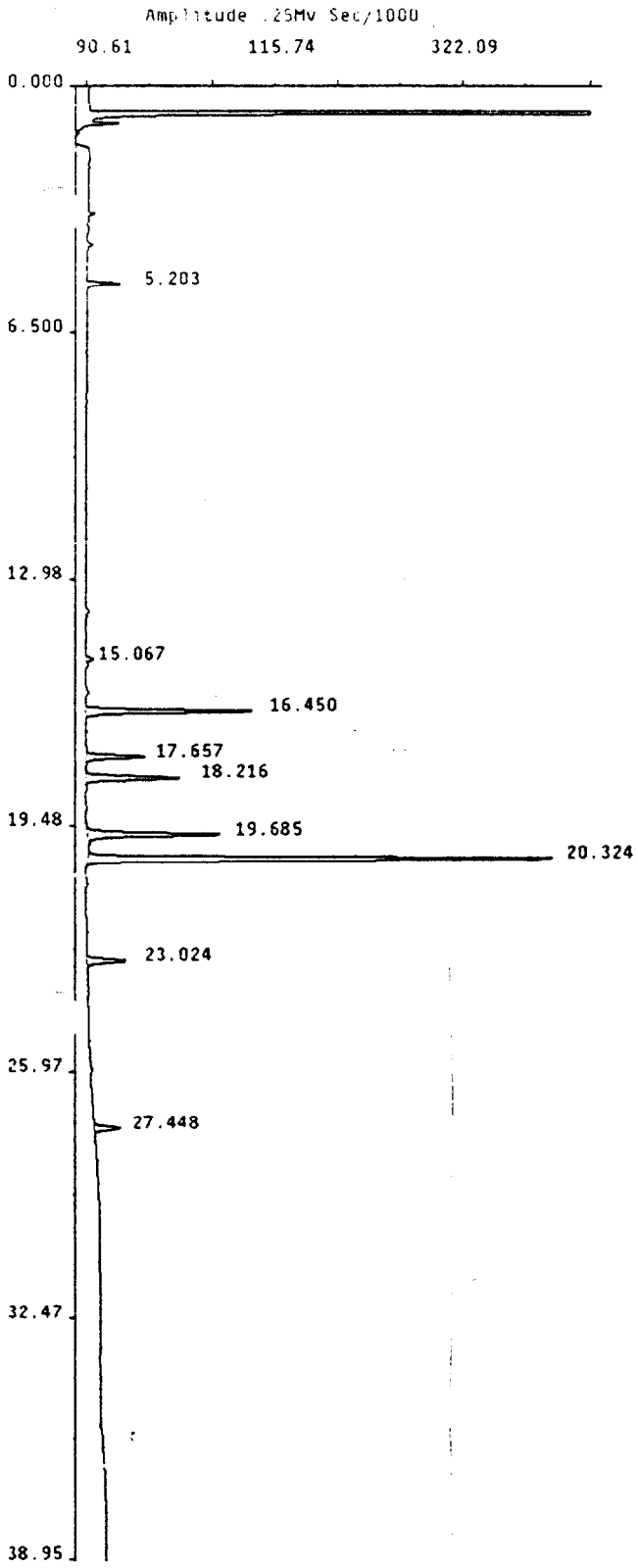
Sample Name : CLJ2-CSS11 10X
Lab Id : 940641-08 10X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL012.RES
Inject Time : 0043 23Jul1994
Run Status : RunStatusOK

7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	10249	BB	.003	TCX
2	21.03	4265	BB	.002	ENDOSULF. I
3	22.06	73790	BB	.027	4,4'-DDE
4	23.22	27536	BB	.022	
5	24.55	104791	BB	.052	4,4'-DDD
6	25.56	4074	BB	.003	
7	25.86	245621	BB	.113	4,4'-DDT
8	26.68	31005	BB	.025	
9	27.09	30165	BB	.024	
10	37.79	25187	BB	.006	DCB

Total Area: 556682

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1700 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS11 10X
Lab Id : 940641-08 10X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL012.RES
Inject Time : 0043 23Jul1994
Run Status : RunStatusOK

7/25 gd

Pk #	RT	Area	Code	MASSng	Name
1	5.20	17802	BB	.003	TCX
2	15.07	4729	BB	.000	
3	16.45	121613	BB	.025	4,4'-DDE
4	17.66	43128	BB	.005	
5	18.22	71815	BB	.008	
6	19.68	103301	BB	.030	4,4'-DDD
7	20.32	356875	BB	.112	4,4'-DDT
8	23.02	33539	BB	.004	
9	27.45	19924	BB	.004	DCB

Total Area: 772726

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1419 25Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS12

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-09

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 07/21/94

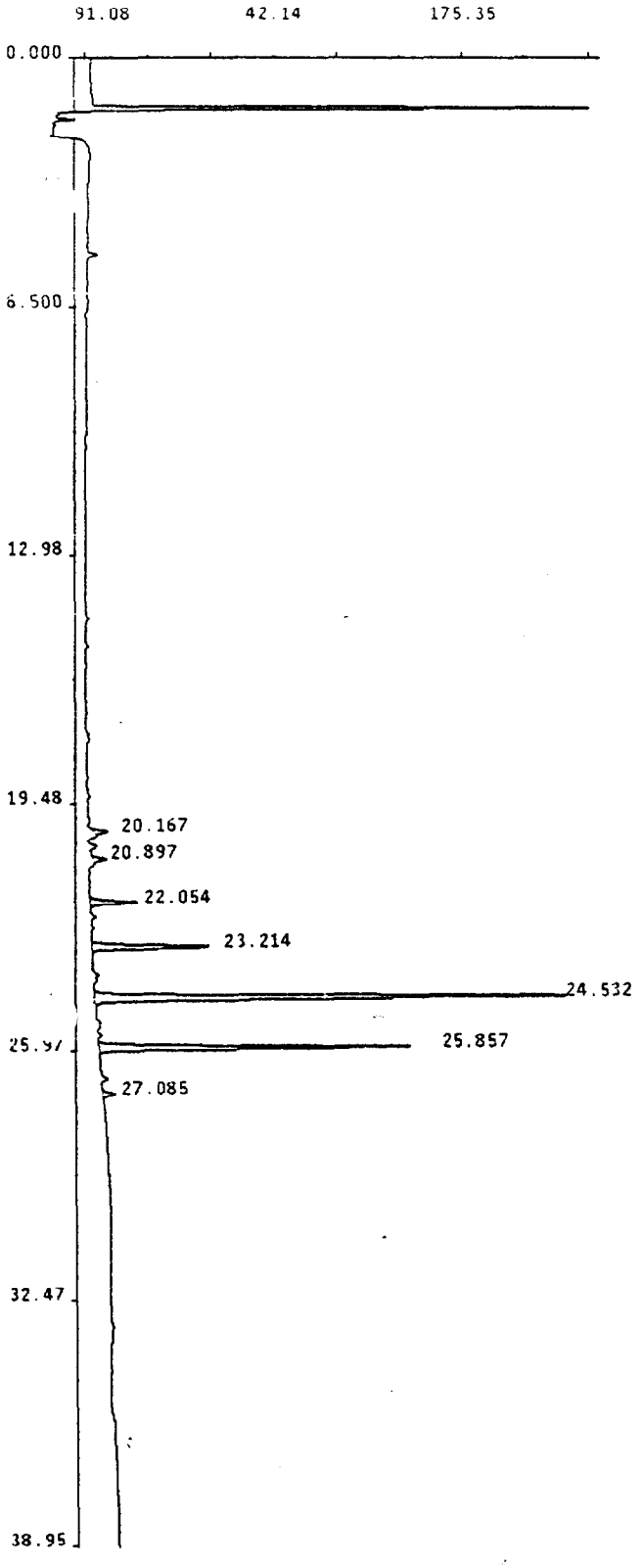
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 1000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1900	U
319-85-7	beta-BHC	1900	U
319-86-8	delta-BHC	1900	U
58-89-9	gamma-BHC (Lindane)	1900	U
76-44-8	Heptachlor	1900	U
309-00-2	Aldrin	1900	U
1024-57-3	Heptachlor epoxide	1900	U
959-98-8	Endosulfan I	1900	U
60-57-1	Dieldrin	3700	U
72-55-9	4,4'-DDE	1500	J
72-20-8	Endrin	3700	U
33213-65-9	Endosulfan II	3700	U
72-54-8	4,4'-DDD	21000	
1031-07-8	Endosulfan sulfate	3700	U
50-29-3	4,4'-DDT	13000	
72-43-5	Methoxychlor	19000	U
53494-70-5	Endrin ketone	3700	U
7421-93-4	Endrin aldehyde	3700	U
5103-71-9	alpha-Chlordane	300	JP
5103-74-2	gamma-Chlordane	320	JP
8001-35-2	Toxaphene	190000	U
12674-11-2	Aroclor-1016	37000	U
11104-28-2	Aroclor-1221	76000	U
11141-16-5	Aroclor-1232	37000	U
53469-21-9	Aroclor-1242	37000	U
12672-29-6	Aroclor-1248	37000	U
11097-69-1	Aroclor-1254	37000	U
11096-82-5	Aroclor-1260	37000	U



Ceimic Corporation Pest/PCB Report

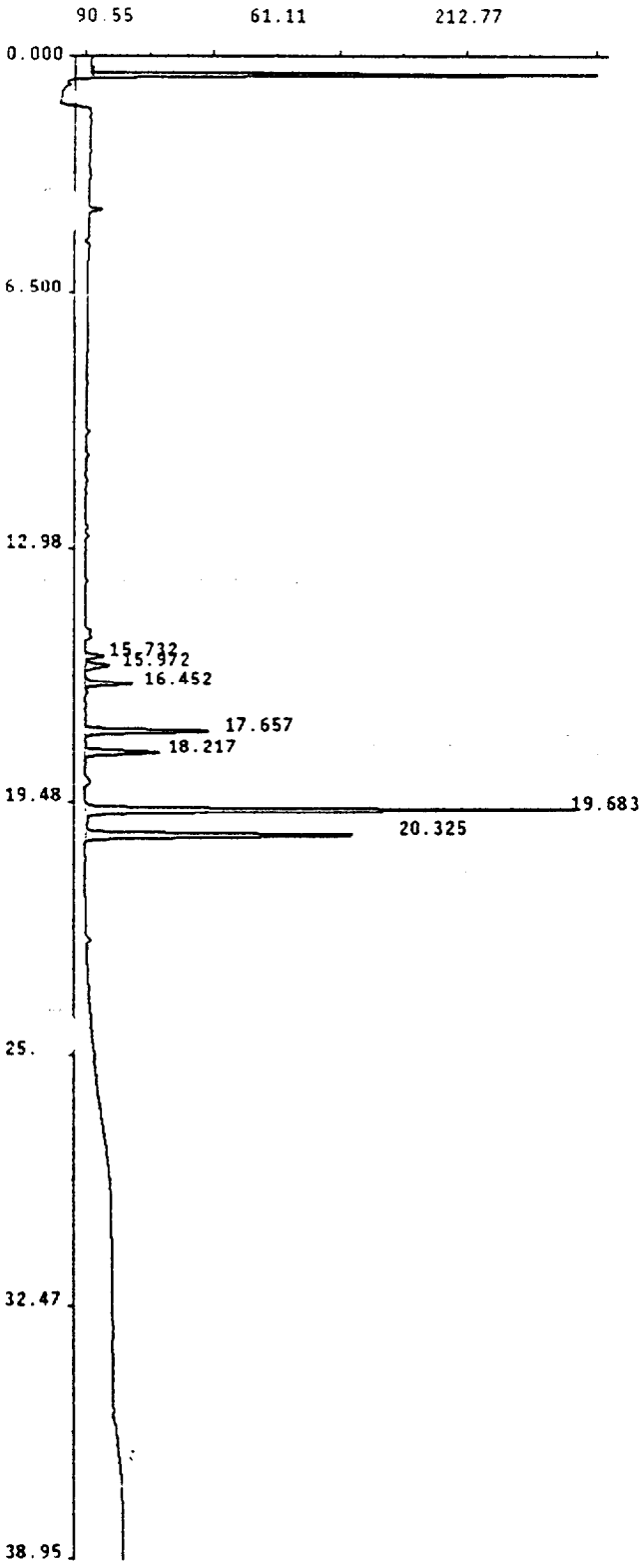
Sample Name : CLJ2-CSS12 1000X
Lab Id : 940641-09 1000X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL013.RES
Inject Time : 0126 23Jul1994
Run Status : NoReference
UserAbortedRun

7-25-94
7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	20.17	3383	BB	.001	G. CHLORDANE G. Chlordane
2	20.90	3200	BB	.001	A. CHLORDANE A. Chlordane
3	22.05	12702	BB	.005	4,4'-DDE
4	23.21	30585	BB	.025	
5	24.53	130177	BB	.064	4,4'-DDD
6	25.86	78221	BB	.036	4,4'-DDT
7	27.09	3724	BB	.003	

Total Area: 261991

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1702 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS12 1000X
Lab Id : 940641-09 1000X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL013.RES
Inject Time : 0126 23Jul1994
Run Status : RunStatusOK
NoReference

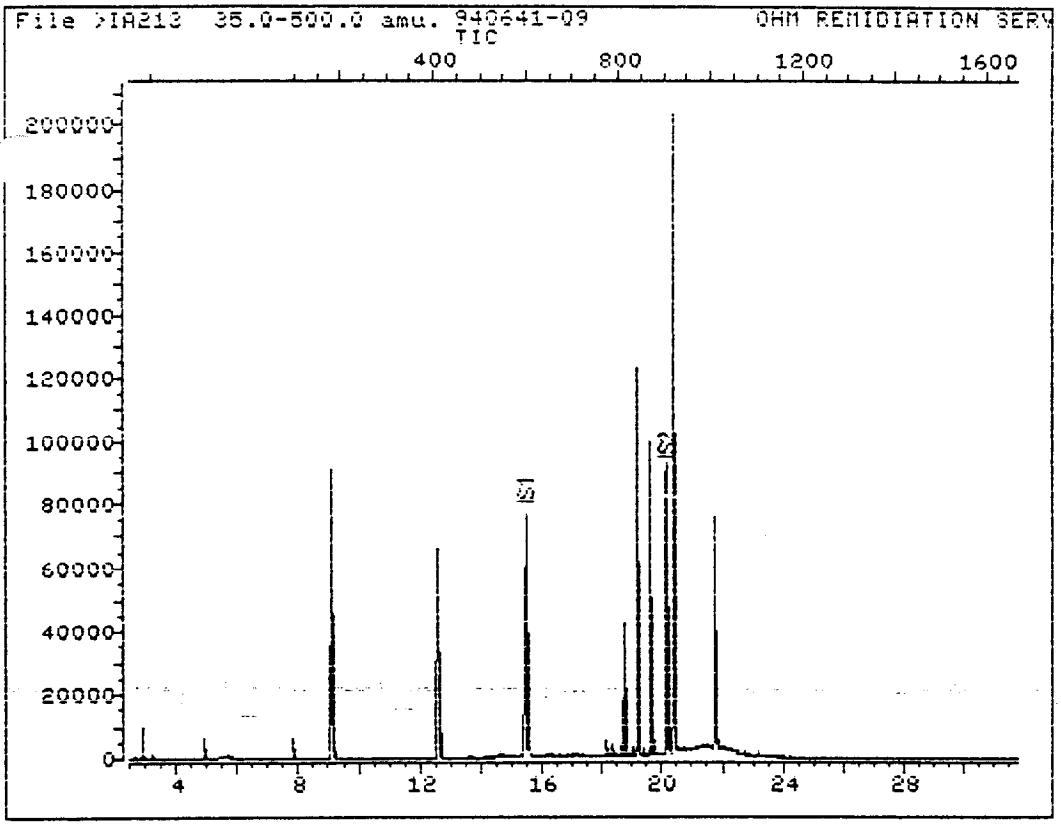
7-25-94 7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	15.73	6617	BB	.001	G. CHLORDANE (G.Chlordane)
2	15.97	10738	BB	.002	A. CHLORDANE (A.Chlordane)
3	16.45	18975	BB	.004	4,4'-DDE
4	17.66	47654	BB	.005	
5	18.22	29413	BB	.003	
6	19.68	188832	BB	.054	4,4'-DDD
7	20.32	109285	BB	.034	4,4'-DDT

Total Area: 411514

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1701 24Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA213::D7 Quant Output File: ^IA213::QT
Name: 940641-09 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12 SOIL LP BTL# 2

Id File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

Operator ID: BNA11
Quant Time : 940726 19:07
Injected at: 940725 20:26

Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:07
Output File: ^IA213::QT Injected at: 940725 20:26
Data File: >IA213::D7 Dilution Factor: 1.00000
Name: 940641-09 Instrument ID: MS9
M[illegible]: OHM REMIDIATION SERVICE CLJ2-CSS12 SOIL LP BTL# 2

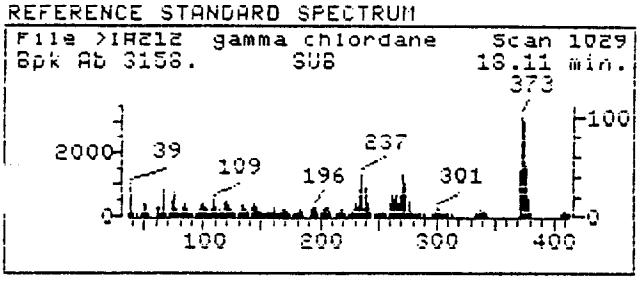
ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.46	188.0	83723	20.00	ug/L	100
9)	gamma chlordane (trans)	18.09	373.0	367	.719	ug/L	82
11)	alpha chlordane (cis)	18.32	373.0	332	.736	ug/L	85
12)	*d12-Chrysene	20.14	240.0	67959	20.00	ug/L	100
13)	4,4'-DDE	18.63	246.0	3266	3.12	ug/L	97
17)	4,4'-DDD	19.19	235.0	52192	32.45	ug/L	87
20)	4,4'-DDT	19.61	235.0	36848	25.68	ug/L	91

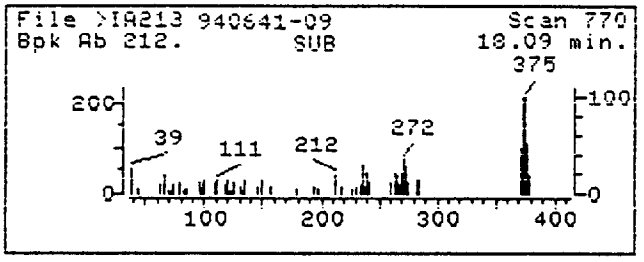
* Compound is ISTD

$df = \frac{10}{0.03} \frac{1}{.88} = 379$

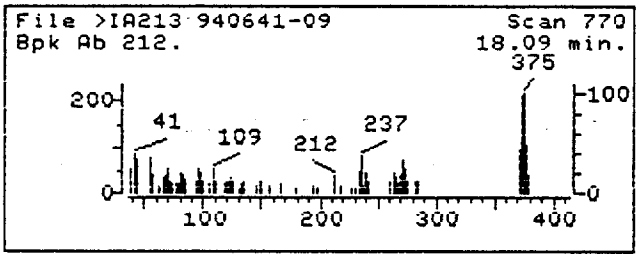
REFERENCE STANDARD SPECTRUM

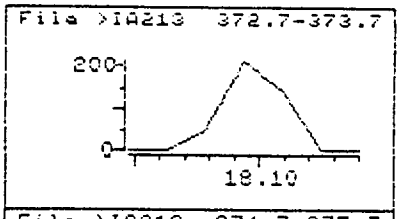


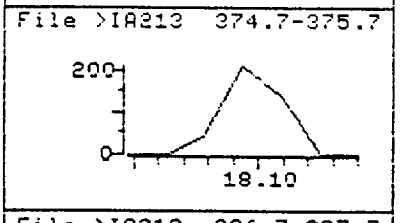
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

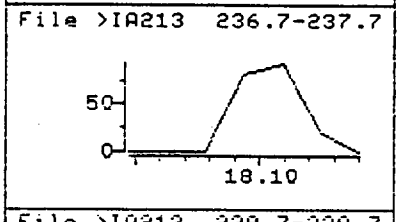


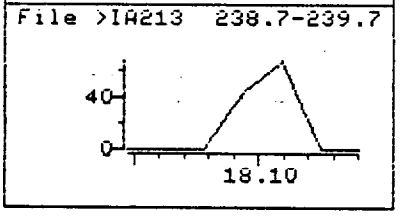
SAMPLE SPECTRUM (UNALTERED)







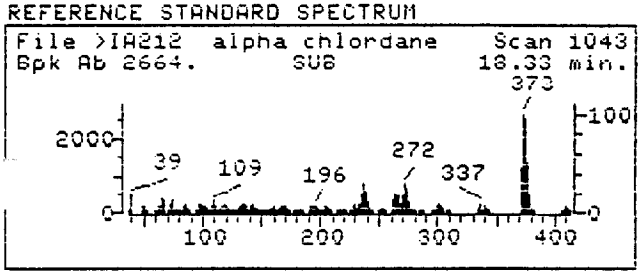




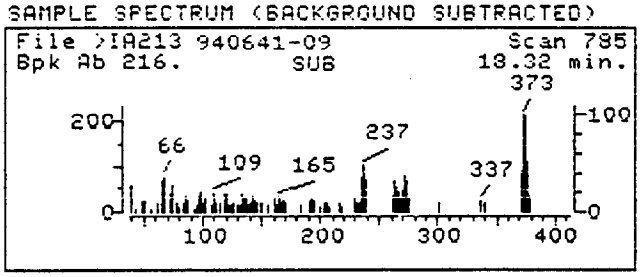
Data File: >IA213::D7 Quant Output File: ^IA213::QT
Name: 940641-09 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12 SOIL LP BTL# 2
Quant Time: 940726 19:07 Quant ID File: PESTI2::SC
Injected at: 940725 20:26 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 9
Compound Name : gamma chlordane (trans)
Scan Number : 770
Retention Time: 18.09 min.
Quant Ion : 373.0
Area : 367
Concentration : .719 ug/L
q-value : 82

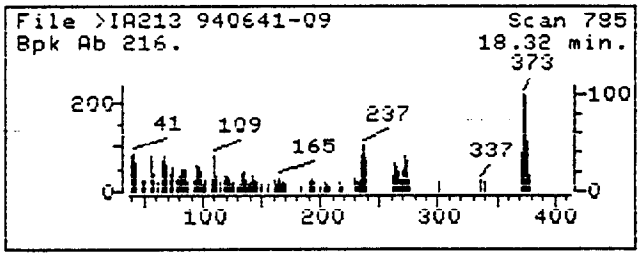
REFERENCE STANDARD SPECTRUM

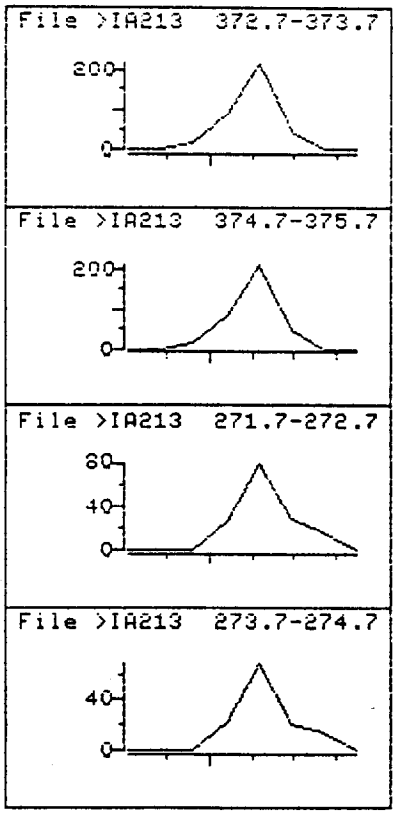


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

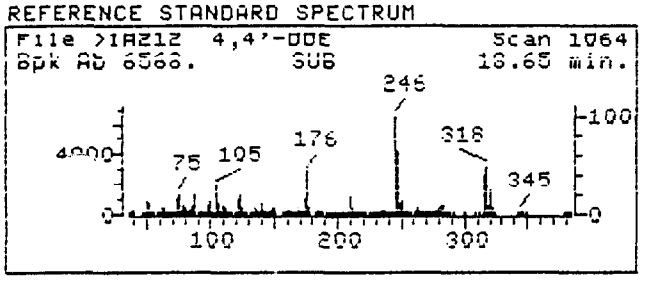




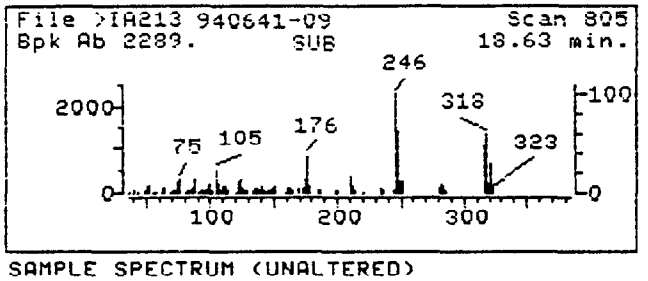
Data File: >IA213::D7 Quant Output File: ^IA213::QT
Name: 940641-09 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12 SOIL LP BTL# 2
Quant Time: 940726 19:07 Quant ID File: PESTI2::SC
Injected at: 940725 20:26 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 11
Compound Name : alpha chlordane (cis)
Scan Number : 785
Retention Time: 18.32 min.
Quant Ion : 373.0
Area : 332
Concentration : .736 ug/L
q-value : 85

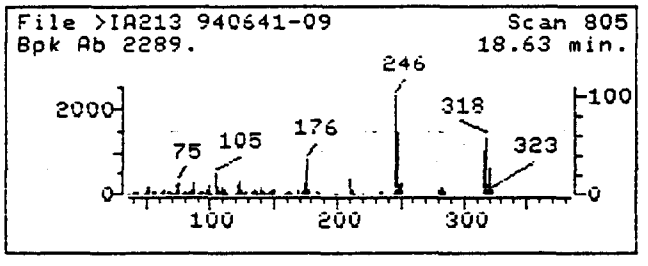
REFERENCE STANDARD SPECTRUM

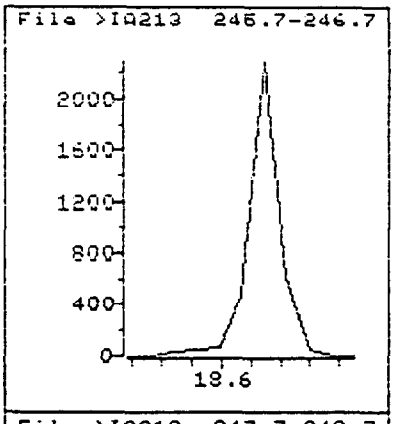


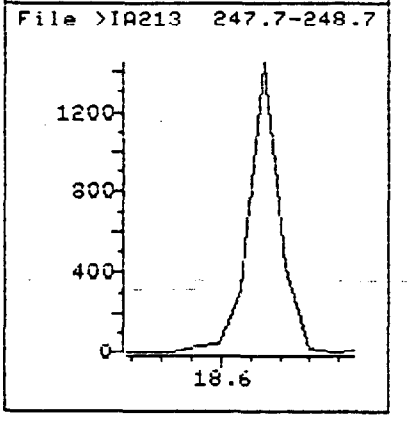
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



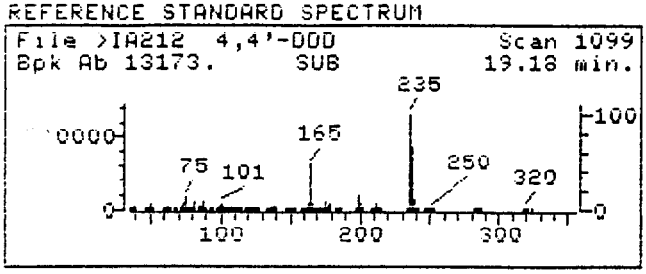




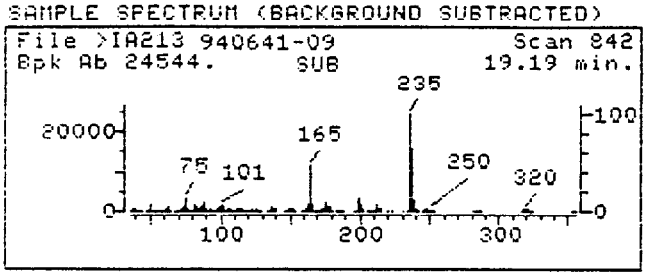
Data File: >IA213::D7 Quant Output File: ^IA213::QT
Name: 940641-09 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12 SOIL LP BTL# 2
Quant Time: 940726 19:07 Quant ID File: PESTI2::SC
Injected at: 940725 20:26 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 805
Retention Time: 18.63 min.
Quant Ion : 246.0
Area : 3266
Concentration : 3.12 ug/L
q-value : 97

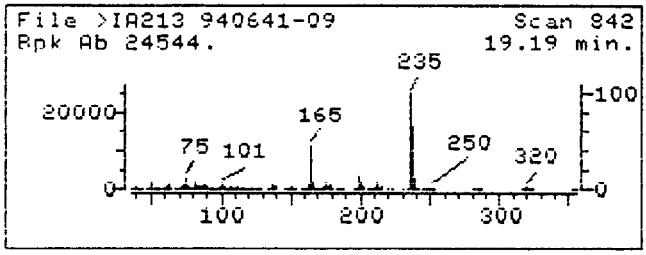
REFERENCE STANDARD SPECTRUM

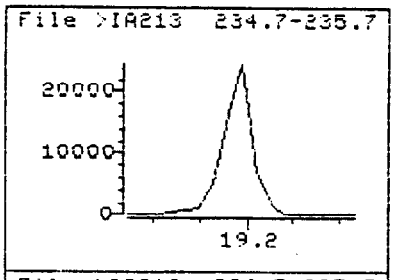


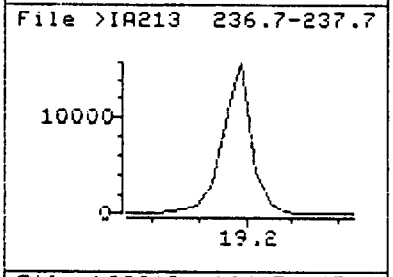
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

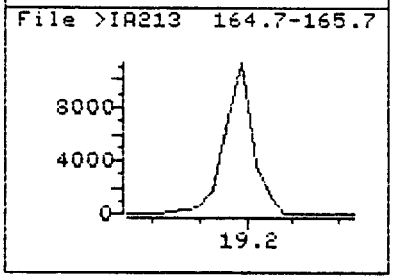


SAMPLE SPECTRUM (UNALTERED)





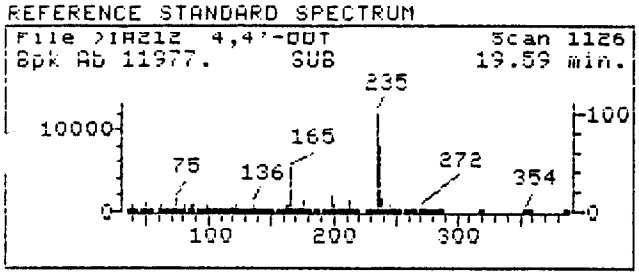




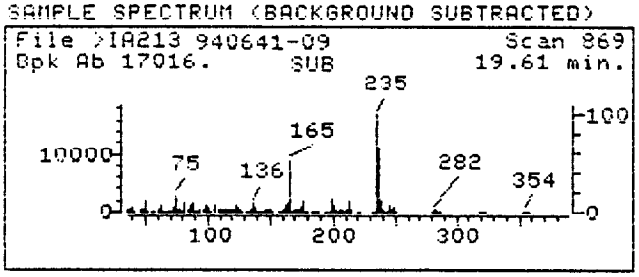
Data File: >IA213::D7 Quant Output File: ^IA213::QT
Name: 940641-09 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12 SOIL LP BTL# 2
Quant Time: 940726 19:07 Quant ID File: PESTI2::SC
Injected at: 940725 20:26 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 842
Retention Time: 19.19 min.
Quant Ion : 235.0
Area : 52192
Concentration : 32.45 ug/L
q-value : 87

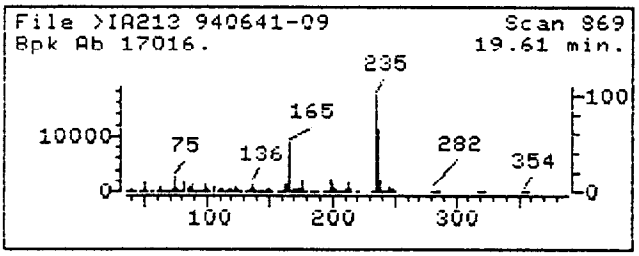
REFERENCE STANDARD SPECTRUM

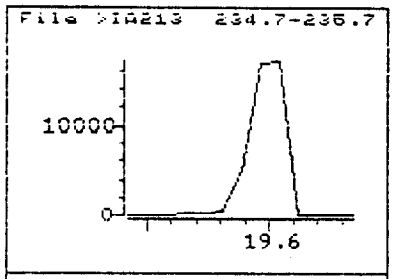


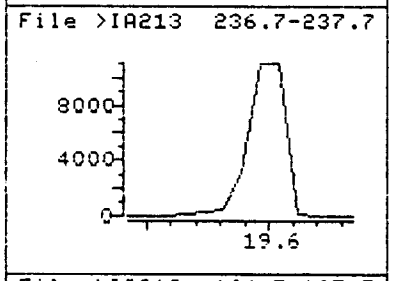
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

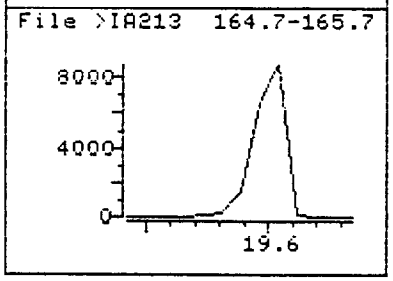


SAMPLE SPECTRUM (UNALTERED)









Data File: >IA213::D7 Quant Output File: ^IA213::QT
Name: 940641-09 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12 SOIL LP BTL# 2
Quant Time: 940726 19:07 Quant ID File: PESTI2::SC
Injected at: 940725 20:26 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 869
Retention Time: 19.61 min.
Quant Ion : 235.0
Area : 36848
Concentration : 25.68 ug/L
q-value : 91

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS13

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-11

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date Received: 07/21/94

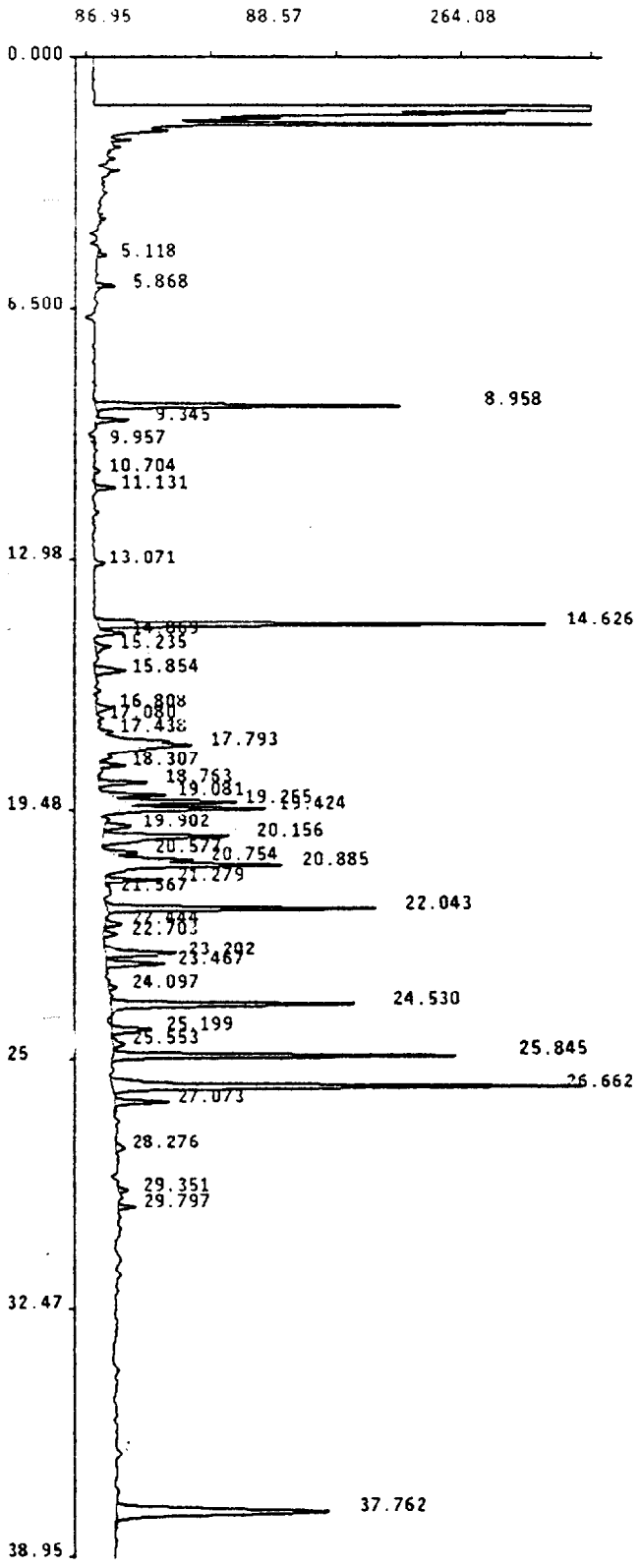
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	4.5	P
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	8.3	P
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	12	P
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	3.6	U
72-54-8	4,4'-DDD	20	P
1031-07-8	Endosulfan sulfate	3.6	U
50-29-3	4,4'-DDT	32	
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.6	U
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	5.1	P
5103-74-2	gamma-Chlordane	6.8	P
8001-35-2	Toxaphene	180	U
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	36	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS13
Lab Id : 940641-11
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL024.RES
Inject Time : 1551 23Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.12	3753	BB	.003	
2	5.87	6133	BB	.005	
3	8.96	150034	BB	.042	TCX
4	9.34	14742	BB	.012	
5	9.96	4605	BB	.004	
6	10.70	3556	BB	.003	
7	11.13	10252	BB	.008	
8	13.07	7744	BB	.006	
9	14.63	232135	BB	.186	
10	14.87	13216	BB	.011	
11	15.23	12239	BB	.010	
12	15.85	21538	BB	.012	DELTA-BHC
13	16.81	10523	BB	.008	
14	17.08	2726	BB	.002	
15	17.44	4330	BB	.003	
16	17.79	22176	BB	.018	
17	18.31	12505	BB	.010	
18	18.76	25386	BB	.020	
19	19.08	24996	BB	.020	
20	19.25	47703	BB	.038	
21	19.42	73351	BB	.023	H. EPOXIDE
22	19.90	15070	BB	.012	
23	20.16	95344	BB	.024	G. CHLORDANE
24	20.58	13073	BB	.010	
25	20.75	15839	BB	.013	
26	20.89	56168	BB	.014	A. CHLORDANE
27	21.28	29276	BB	.024	
28	21.57	2099	BB	.002	
29	22.04	135601	BB	.049	4,4'-DDE
30	22.44	8603	BB	.003	DIELDRIN
31	22.70	7504	BB	.006	
32	23.20	42178	BB	.034	
33	23.47	34725	BB	.028	
34	24.10	4871	BB	.002	ENDRIN
35	24.53	151724	BB	.075	4,4'-DDD
36	25.20	21156	BB	.017	
37	25.55	8773	BB	.007	
38	25.84	192813	BB	.089	4,4'-DDT
39	26.66	291923	BB	.234	
40	27.07	31805	BB	.026	
41	28.28	6253	BB	.005	
42	29.35	5429	BB	.004	

7-15-94
7-25-94

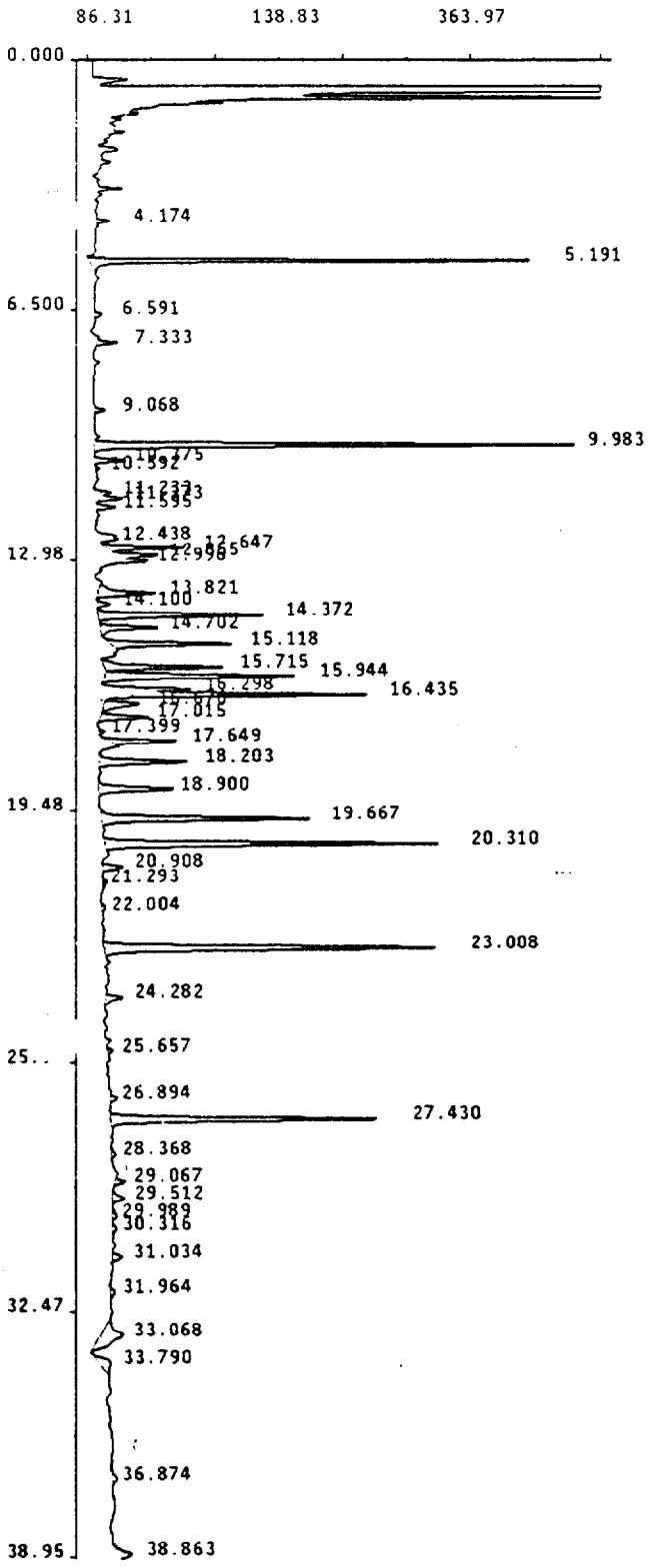
Sample Name : CLJ2-CSS13
Lab Id : 940641-11
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL024.RES
Inject Time : 1551 23Jul1994
Run Status : RunStatusOK

7-25-94
7-25-94

Pk #	RT	Area	Code	MASSng	Name
43	29.80	9922	BB	.007	METHOXYCHLOR
44	37.76	208973	BB	.048	DCB

Total Area: 2092764

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time. 1826 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS13
Lab Id : 940641-11
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL024.RES
Inject Time : 1551 23Jul1994
Run Status : RunStatusOK
EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.17	6421	BB	.001	
2	5.19	262041	BB	.044	TCX
3	6.59	6283	BB	.001	
4	7.33	13382	BB	.001	
5	9.07	8171	BB	.001	
6	9.98	362084	BB	.038	
7	10.37	23406	BB	.002	
8	10.59	3059	BB	.001	HEPTACHLOR
9	11.23	6304	BB	.001	
10	11.37	13923	BB	.001	
11	11.59	13542	BB	.001	
12	12.44	5786	BB	.001	
13	12.65	62613	BB	.007	
14	12.86	25890	BB	.003	
15	13.00	14464	BB	.005	BETA-BHC
16	13.82	59055	BB	.019	DELTA-BHC
17	14.10	10252	BB	.001	
18	14.37	141788	BB	.030	H. EPOXIDE
19	14.70	48664	BB	.005	
20	15.12	100698	BB	.011	
21	15.72	99455	BB	.019	G. CHLORDANE
22	15.94	179076	BB	.035	A. CHLORDANE
23	16.30	21062	BB	.002	
24	16.43	163455	BB	.034	4,4'-DDE
25	16.68	38407	BB	.004	
26	17.02	41833	BB	.004	
27	17.40	4393	BB	.000	
28	17.65	54076	BB	.006	
29	18.20	81054	BB	.009	
30	18.90	73327	BB	.008	
31	19.67	188174	BB	.054	4,4'-DDD
32	20.31	288600	BB	.091	4,4'-DDT
33	20.91	19350	BB	.002	
34	21.29	4900	BB	.001	
35	22.00	4280	BB	.000	
36	23.01	334350	BB	.035	
37	24.28	17764	BB	.006	ENDRIN KETON
38	25.66	4432	BB	.000	
39	26.89	6244	BB	.001	
40	27.43	258514	BB	.047	DCB

Sample Name : CLJ2-CSS13
Lab Id : 940641-11
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL024.RES
Inject Time : 1551 23Jul1994
Run Status : RunStatusOK
EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
41	28.37	5637	BB	.001	
42	29.07	9445	BB	.001	
43	29.51	14446	BB	.002	
44	29.99	5954	BB	.001	
45	30.32	4442	BB	.000	
46	31.03	11889	BB	.001	
47	31.96	8239	BB	.001	
48	33.07	75973	BB	.008	
49	33.79	30334	BB	.003	
50	36.87	5868	BB	.001	
51	38.86	4497	BB	.000	
		3247297			

Total Area: 3247297

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1725 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS14

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-12

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N Date Received: 07/21/94

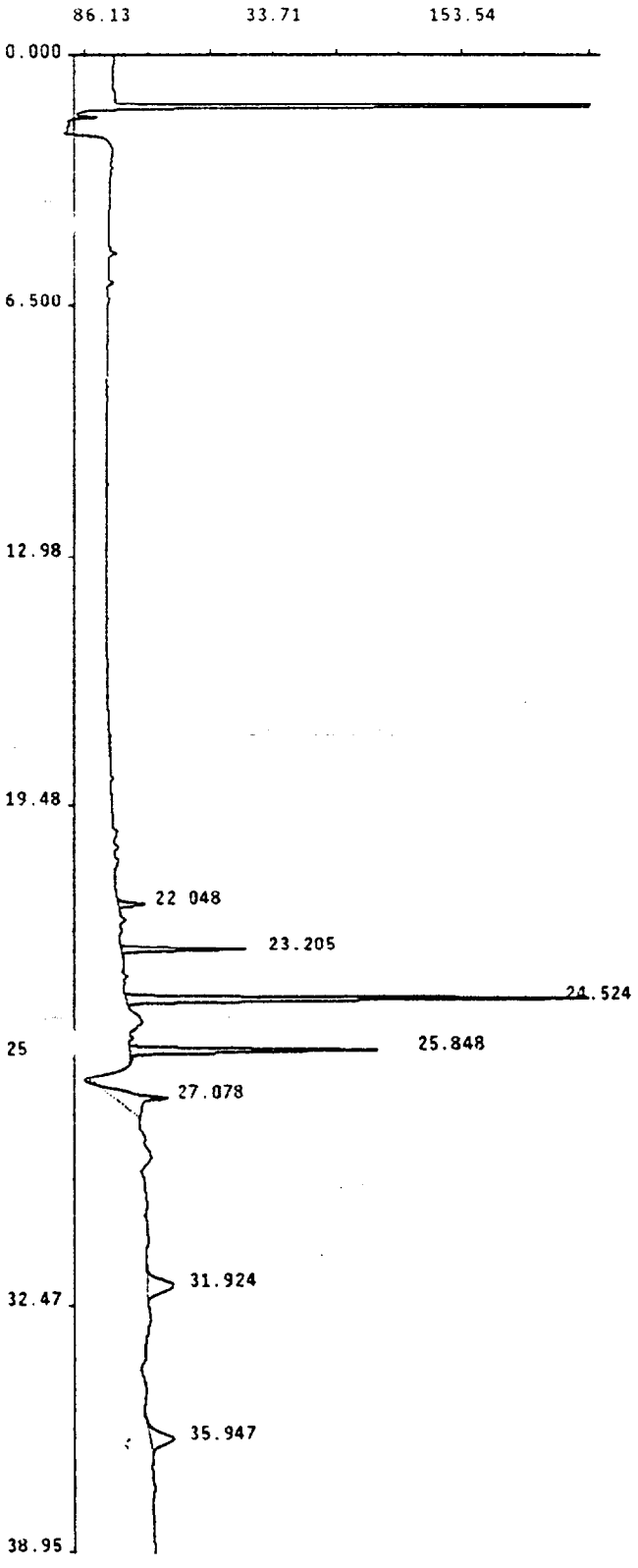
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 5000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	9600	U
319-85-7	beta-BHC	9600	U
319-86-8	delta-BHC	9600	U
58-89-9	gamma-BHC (Lindane)	9600	U
76-44-8	Heptachlor	9600	U
309-00-2	Aldrin	9600	U
1024-57-3	Heptachlor epoxide	9600	U
959-98-8	Endosulfan I	9600	U
60-57-1	Dieldrin	19000	U
72-55-9	4,4'-DDE	3200	J
72-20-8	Endrin	19000	U
33213-65-9	Endosulfan II	19000	U
72-54-8	4,4'-DDD	76000	
1031-07-8	Endosulfan sulfate	19000	U
50-29-3	4,4'-DDT	43000	
72-43-5	Methoxychlor	96000	U
53494-70-5	Endrin ketone	19000	U
7421-93-4	Endrin aldehyde	19000	U
5103-71-9	alpha-Chlordane	9600	U
5103-74-2	gamma-Chlordane	9600	U
8001-35-2	Toxaphene	960000	U
12674-11-2	Aroclor-1016	190000	U
11104-28-2	Aroclor-1221	380000	U
11141-16-5	Aroclor-1232	190000	U
53469-21-9	Aroclor-1242	190000	U
12672-29-6	Aroclor-1248	190000	U J
11097-69-1	Aroclor-1254	190000	U
11096-82-5	Aroclor-1260	190000	U



Ceimic Corporation Pest/PCB Report

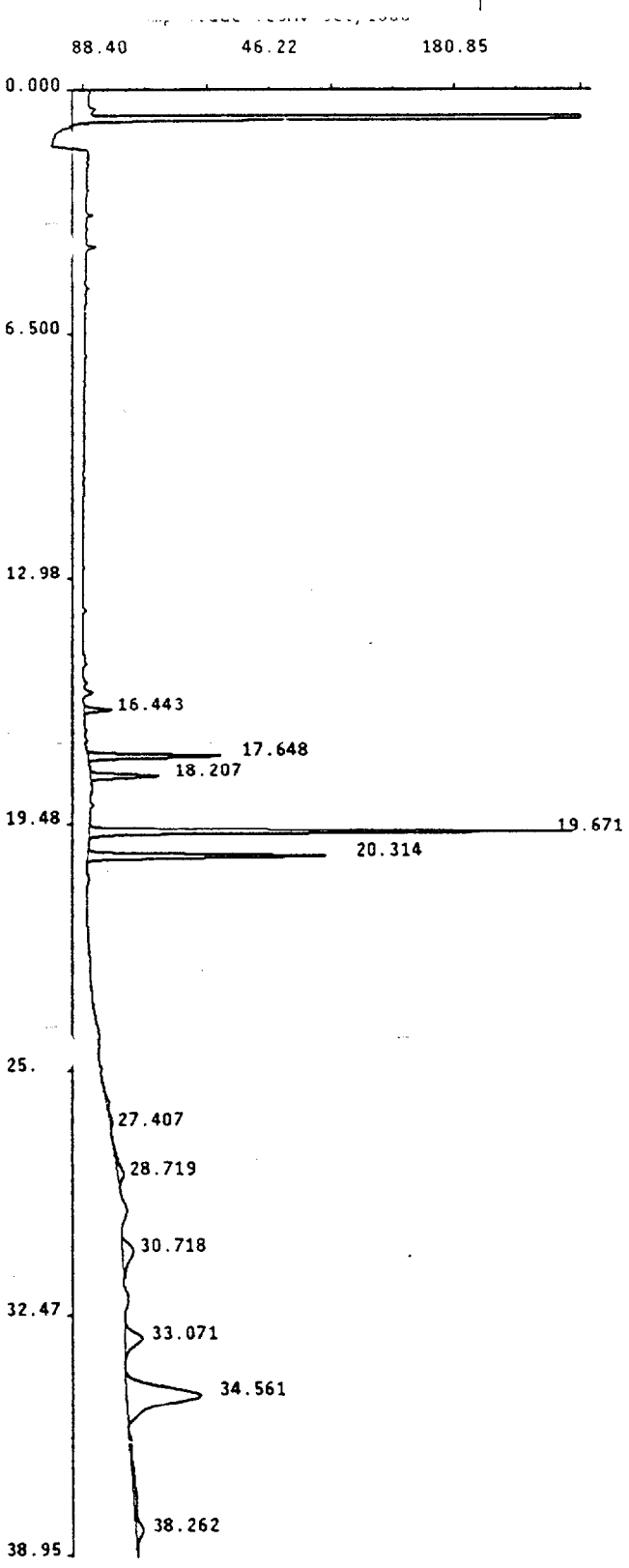
Sample Name : CLJ2-CSS14 5000X
Lab Id : 940641-12 5000X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL025.RES
Inject Time : 1634 23Jul1994
Run Status : RunStatusOK
NoReference

7-25-94

Pk #	RT	Area	Code	MASSng	Name
1	22.05	5501	BB	.002	4,4'-DDE
2	23.20	25869	BB	.021	
3	24.52	98036	BB	.048	4,4'-DDD
4	25.85	52179	BB	.024	4,4'-DDT
5	27.08	31225	BB	.025	
6	31.92	19502	BB	.016	
7	35.95	17024	BB	.014	

Total Area: 249336

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1827 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS14 5000X
Lab Id : 940641-12 5000X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL025.RES
Inject Time : 1634 23Jul1994
Run Status : RunStatusOK

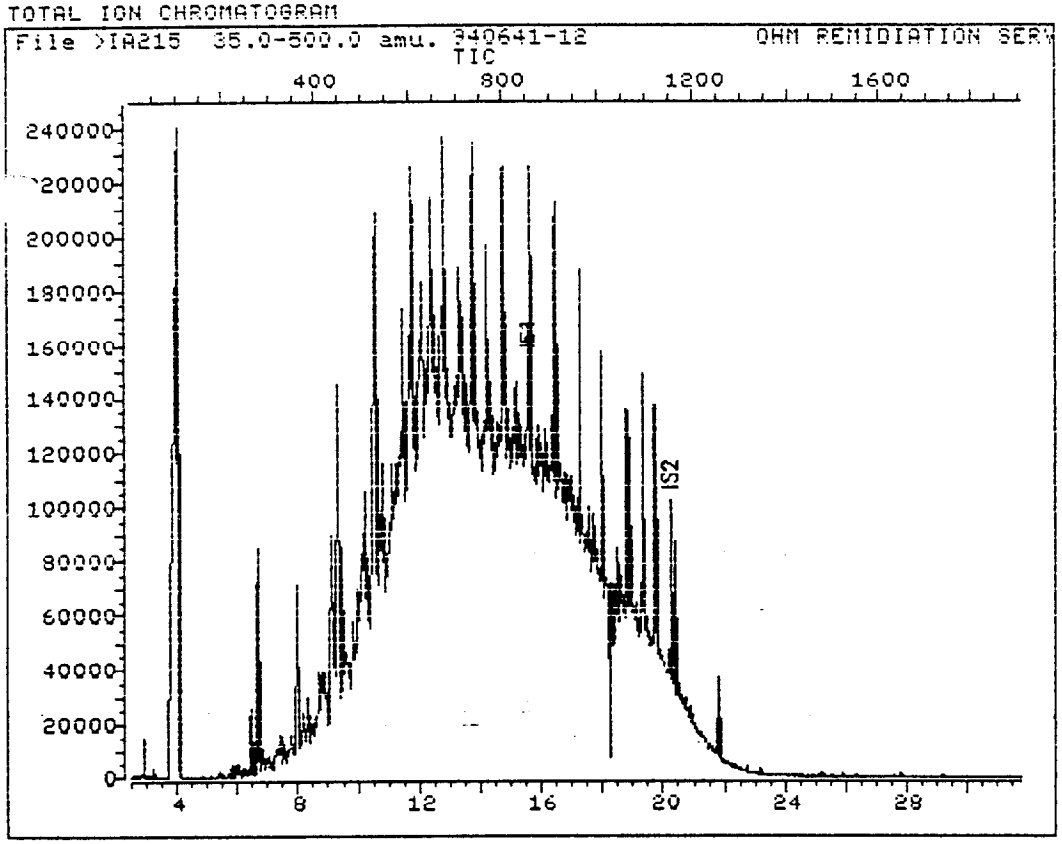
Pk #	RT	Area	Code	MASSng	Name
1	16.44	8258	BB	.002	4,4'-DDE
2	17.65	39802	BB	.004	
3	18.21	22294	BB	.002	
4	19.67	141418	BB	.041	4,4'-DDD
5	20.31	72205	BB	.023	4,4'-DDT
6	27.41	4787	BB	.001	DCB
7	28.72	8779	BB	.001	
8	30.72	16760	BB	.002	
9	33.07	22281	BB	.002	
10	34.56	111705	BB	.012	
11	38.26	22477	BB	.002	

Total Area: 470766

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1727 24Jul1994

7-25-94

TOTAL ION CHROMATOGRAM



Data File: >IA215::D7 Quant Output File: ^IA215::QT
Name: 940641-12 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS14 SOIL LP BTL# 4

Id File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

Operator ID: BNA11
Quant Time : 940726 19:09
Injected at: 940725 21:47

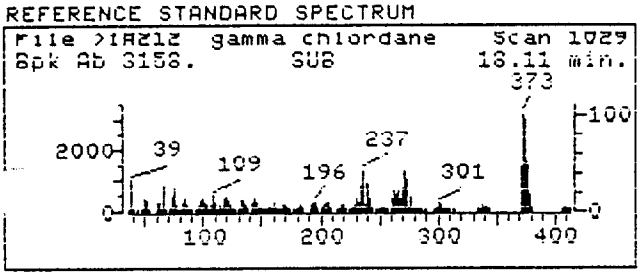
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:09
Output File: ^IA215::QT Injected at: 940725 21:47
Data File: >IA215::D7 Dilution Factor: 1.00000
Name: 940641-12 Instrument ID: MS9
M : OHM REMIDIATION SERVICE CLJ2-CSS14 SOIL LP BTL# 4

ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

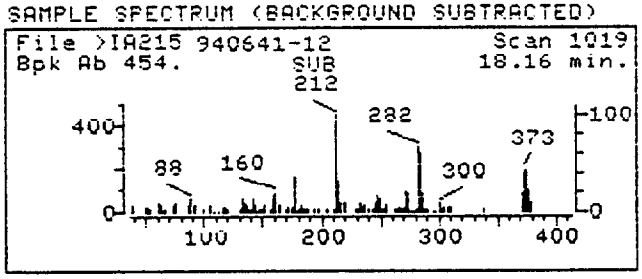
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.54	188.0	48045	20.00	ug/L	100
9)	gamma chlordane (trans)	18.16	373.0	279	.953	ug/L	79
11)	alpha chlordane (cis)	18.42	373.0	285	1.10	ug/L	87
12)	*d12-Chrysene	20.20	240.0	43388	20.00	ug/L	100
13)	4,4'-DDE	18.72	246.0	8553	12.80	ug/L	99
17)	4,4'-DDD	19.28	235.0	87361	85.08	ug/L	90
20)	4,4'-DDT	19.67	235.0	59103	64.51	ug/L	85

* Compound is ISTD

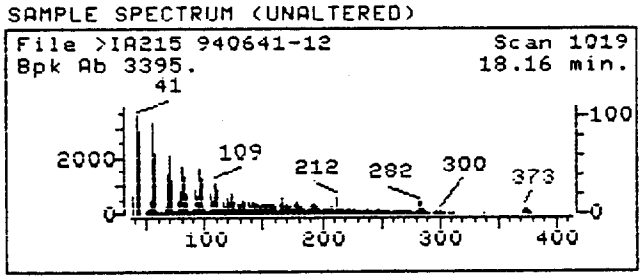
REFERENCE STANDARD SPECTRUM

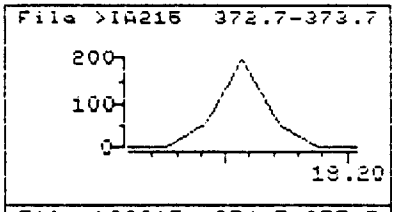


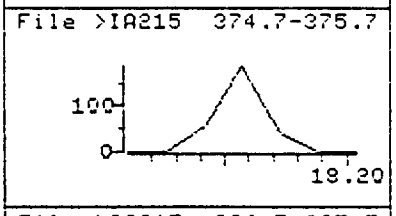
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

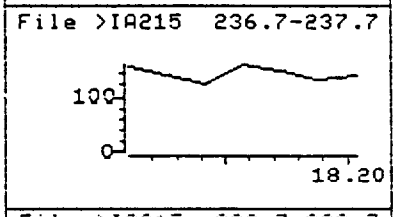


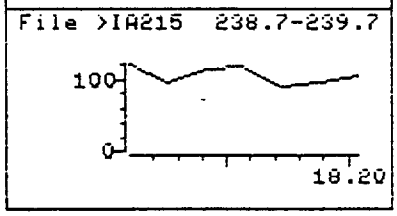
SAMPLE SPECTRUM (UNALTERED)







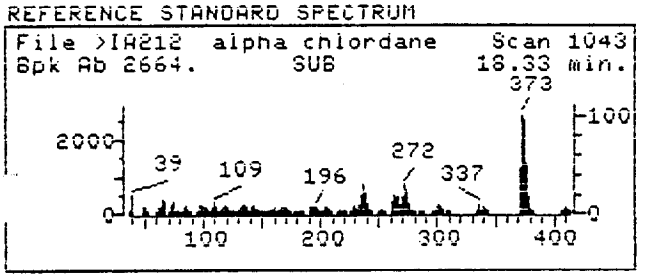




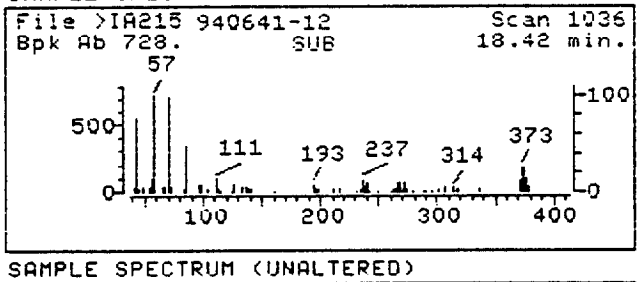
Data File: >IA215::D7 Quant Output File: ^IA215::QT
Name: 940641-12 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS14 SOIL LP BTL# 4
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 21:47 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 9
Compound Name : gamma chlordane (trans)
Scan Number : 1019
Retention Time: 18.16 min.
Quant Ion : 373.0
Area : 279
Concentration : .953 ug/L
q-value : 79

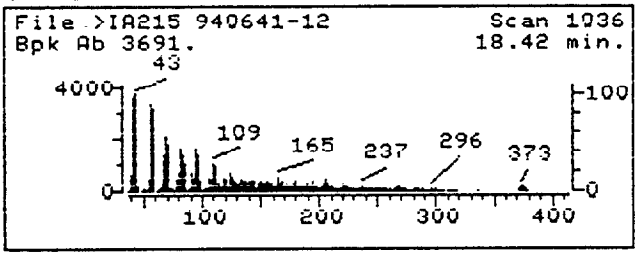
REFERENCE STANDARD SPECTRUM

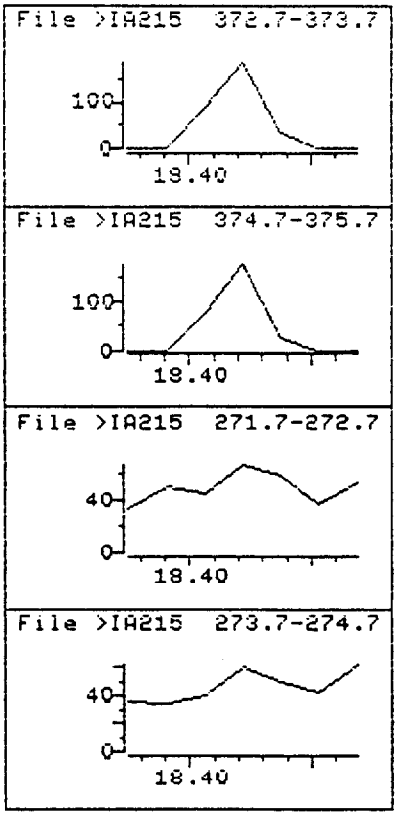


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

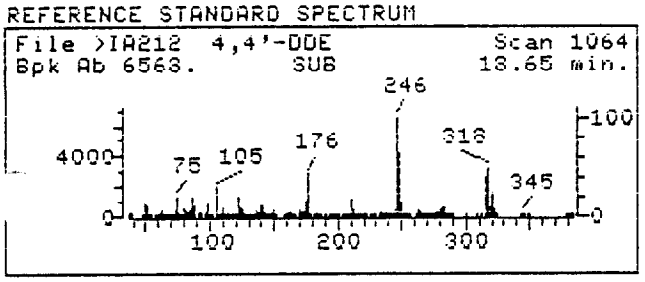




Data File: >IA215::D7 Quant Output File: ^IA215::QT
Name: 940641-12 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS14 SOIL LP BTL# 4
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 21:47 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 11
Compound Name : alpha chlordane (cis)
Scan Number : 1036
Retention Time: 18.42 min.
Quant Ion : 373.0
Area : 285
Concentration : 1.10 ug/L
q-value : 87

REFERENCE STANDARD SPECTRUM



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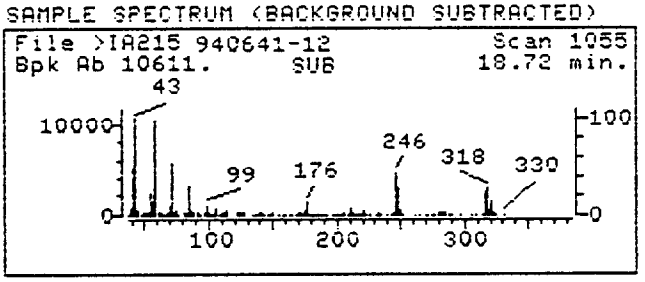

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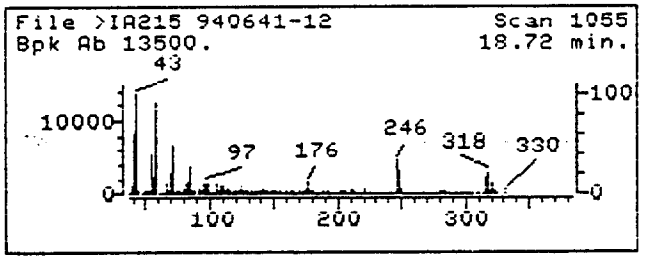
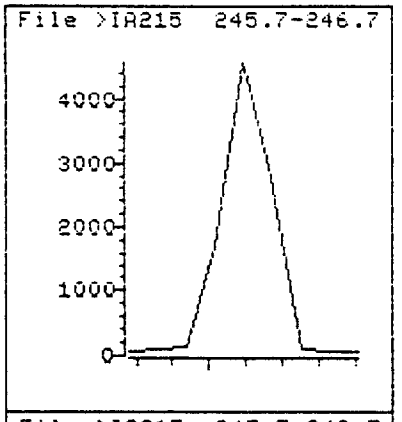
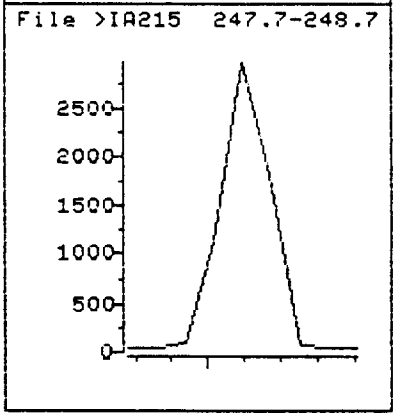


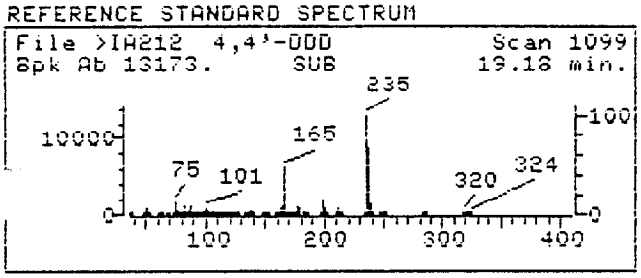




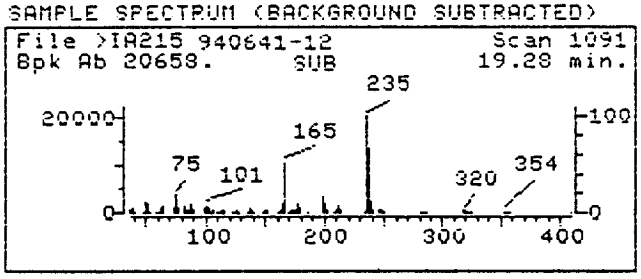
Data File: >IA215::07 Quant Output File: ^IA215::QT
Name: 940641-12 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS14 SOIL LP BTL# 4
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 21:47 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1055
Retention Time: 18.72 min.
Quant Ion : 246.0
Area : 8553
Concentration : 12.80 ug/L
q-value : 99

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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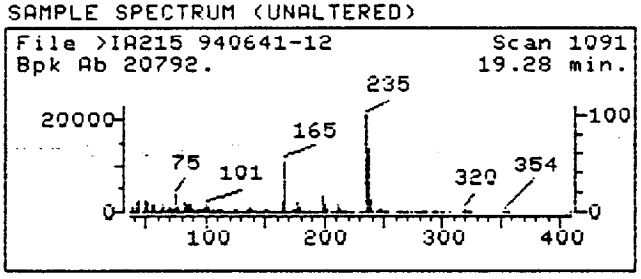
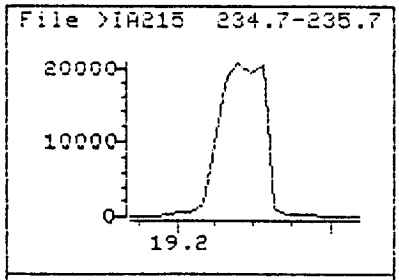
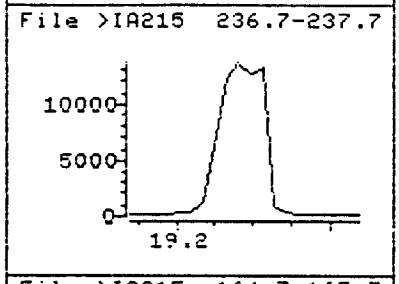
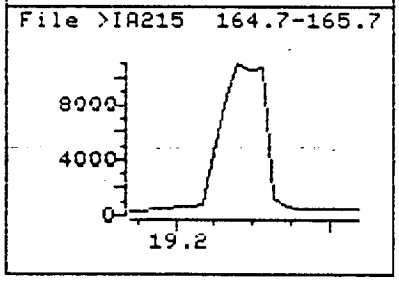




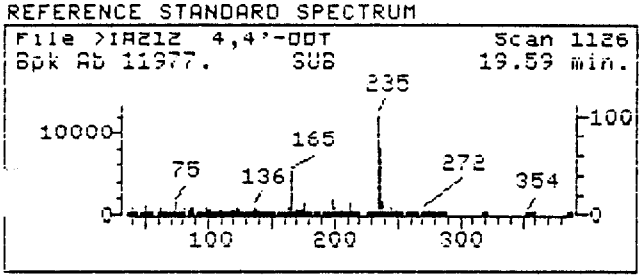




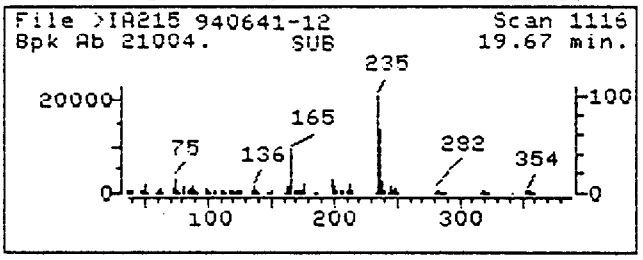
Data File: >IA215::D7 Quant Output File: ^IA215::QT
Name: 940641-12 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS14 SOIL LP BTL# 4
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 21:47 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1091
Retention Time: 19.28 min.
Quant Ion : 235.0
Area : 87361
Concentration : 85.08 ug/L
q-value : 90

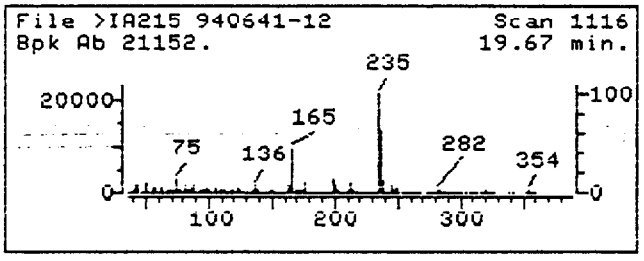
REFERENCE STANDARD SPECTRUM

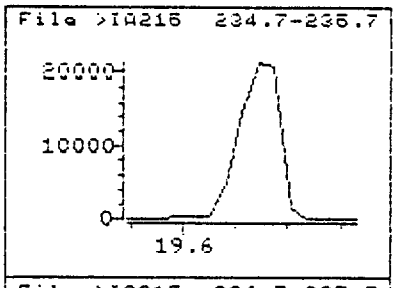


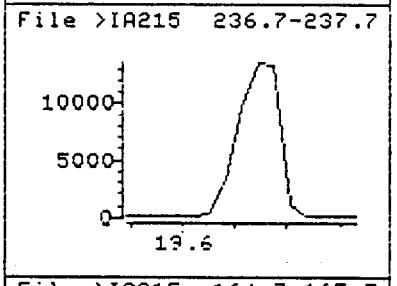
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

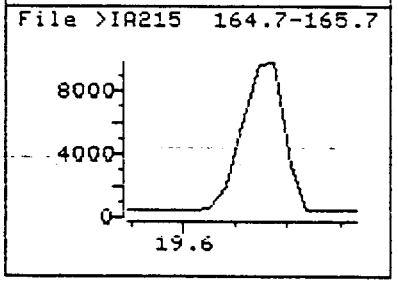


SAMPLE SPECTRUM (UNALTERED)









Data File: >IA215::D7 Quant Output File: ^IA215::QT
Name: 940641-12 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS14 SOIL LP BTL# 4
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 21:47 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1116
Retention Time: 19.67 min.
Quant Ion : 235.0
Area : 59103
Concentration : 64.51 ug/L
q-value : 85

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS15

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-13

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 07/21/94

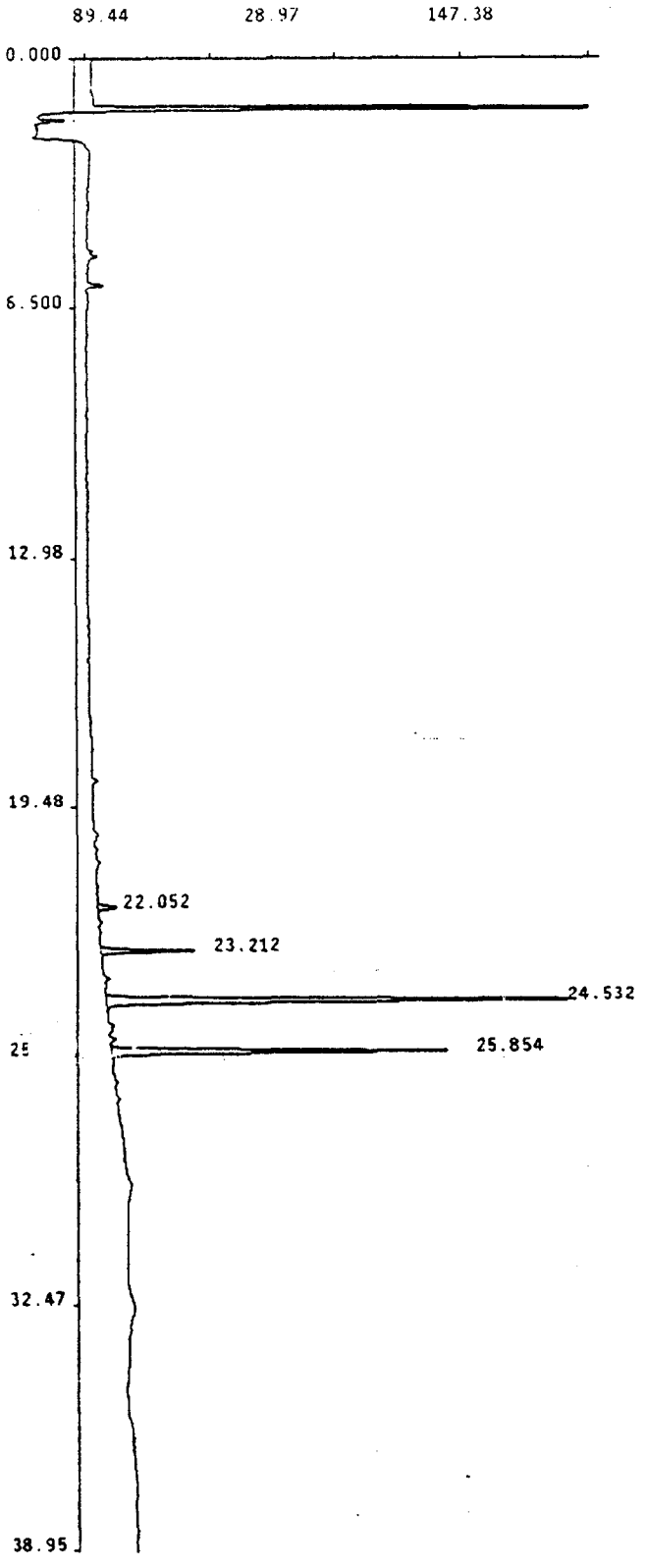
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	20000	U
319-85-7	beta-BHC	20000	U
319-86-8	delta-BHC	20000	U
58-89-9	gamma-BHC (Lindane)	20000	U
76-44-8	Heptachlor	20000	U
309-00-2	Aldrin	20000	U
1024-57-3	Heptachlor epoxide	20000	U
959-98-8	Endosulfan I	20000	U
60-57-1	Dieldrin	38000	U
72-55-9	4,4'-DDE	3800	J
72-20-8	Endrin	38000	U
33213-65-9	Endosulfan II	38000	U
72-54-8	4,4'-DDD	130000	P
1031-07-8	Endosulfan sulfate	38000	U
50-29-3	4,4'-DDT	99000	
72-43-5	Methoxychlor	200000	U
53494-70-5	Endrin ketone	38000	U
7421-93-4	Endrin aldehyde	38000	U
5103-71-9	alpha-Chlordane	20000	U
5103-74-2	gamma-Chlordane	20000	U
8001-35-2	Toxaphene	2000000	U
12674-11-2	Aroclor-1016	380000	U
11104-28-2	Aroclor-1221	770000	U
11141-16-5	Aroclor-1232	380000	U
53469-21-9	Aroclor-1242	380000	U
12672-29-6	Aroclor-1248	380000	U
11097-69-1	Aroclor-1254	380000	U
11096-82-5	Aroclor-1260	380000	U



Ceimic Corporation Pest/PCB Report

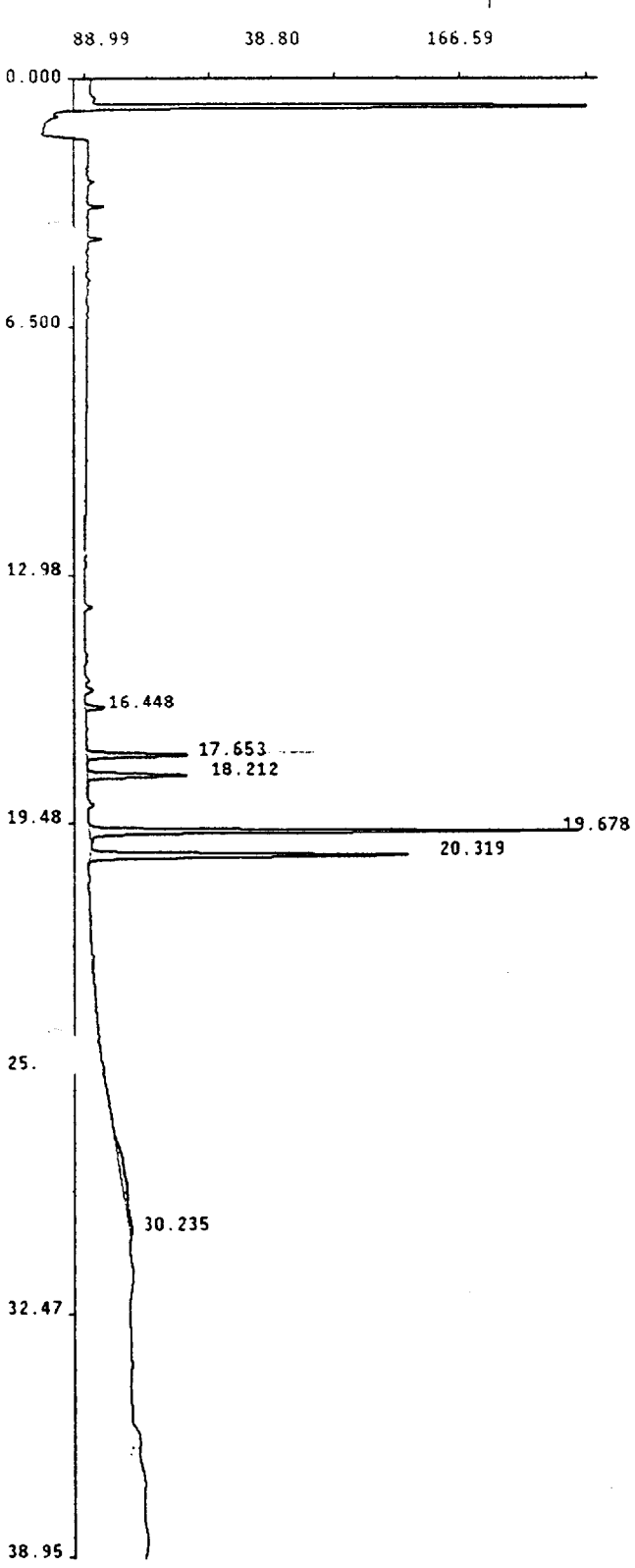
Sample Name : CLJ2-CSS15 10000X
Lab Id : 940641-13 10000X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL026.RES
Inject Time : 1718 23Jul1994
Run Status : RunStatusOK
NoReference

7.25 ug/l

Pk #	RT	Area	Code	MASSng	Name
1	22.05	3347	BB	.001	4,4'-DDE
2	23.21	16779	BB	.013	
3	24.53	89689	BB	.044	4,4'-DDD
4	25.85	59367	BB	.027	4,4'-DDT

Total Area: 169182

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1829 24Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS15 10000X
Lab Id : 940641-13 10000X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL026.RES
Inject Time : 1718 23Jul1994
Run Status : RunStatusOK
NoReference

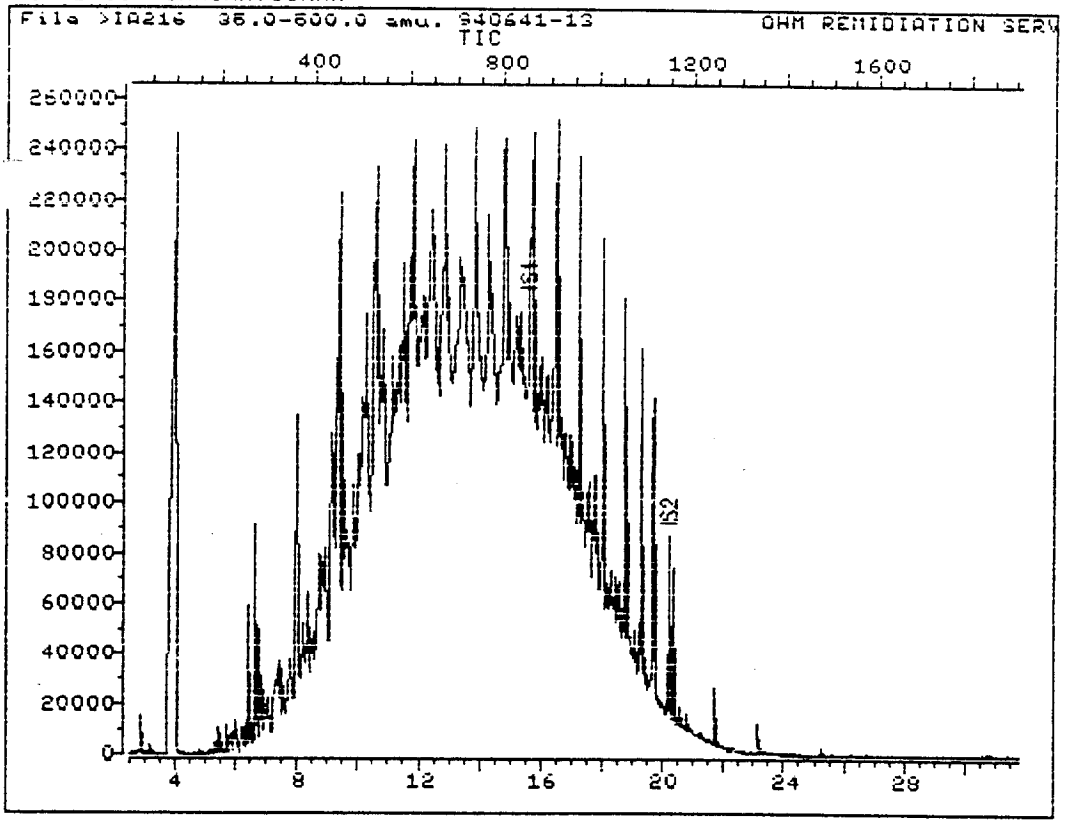
Pk #	RT	Area	Code	MASSng	Name
1	16.45	4797	BB	.001	4,4'-DDE
2	17.65	26368	BB	.003	
3	18.21	26897	BB	.003	
4	19.68	121903	BB	.035	4,4'-DDD
5	20.32	82139	BB	.026	4,4'-DDT
6	30.23	20303	BB	.002	

Total Area: 282408

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1730 24Jul1994

7-25-94

TOTAL ION CHROMATOGRAM



Data File: >IA216::07 Quant Output File: ^IA216::QT
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5

Id File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

Operator ID: BNA11
Quant Time : 940726 19:09
Injected at: 940725 22:28

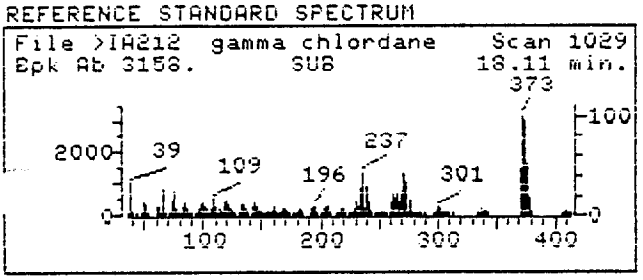
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:09
Output File: ^IA216::QT Injected at: 940725 22:28
Data File: >IA216::D7 Dilution Factor: 1.00000
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5

ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

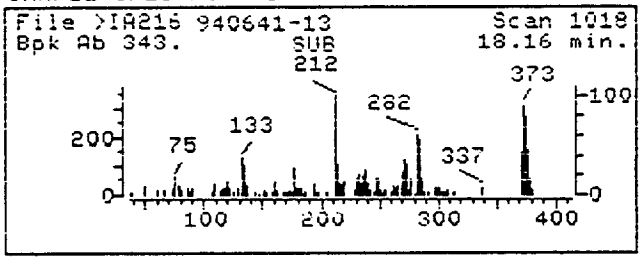
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.56	188.0	37404	20.00	ug/L	100
9)	gamma chlordane (trans)	18.16	373.0	459	2.01	ug/L	73
11)	alpha chlordane (cis)	18.38	373.0	387	1.92	ug/L	87
12)	*d12-Chrysene	20.17	240.0	43000	20.00	ug/L	100
13)	4,4'-DDE	18.67	246.0	5096	7.70	ug/L	98
14)	Dieldrin	18.84	79.0	526	.872	ug/L	100
17)	4,4'-DDD	19.23	235.0	94305	92.67	ug/L	88
20)	4,4'-DDT	19.64	235.0	98717	108.72	ug/L	86

* Compound is ISTD

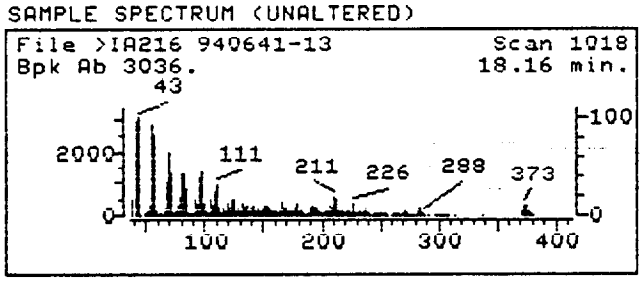
REFERENCE STANDARD SPECTRUM

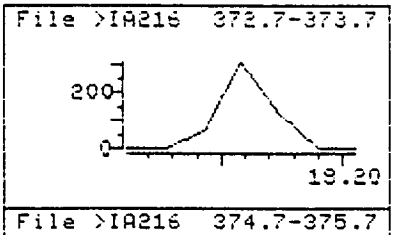


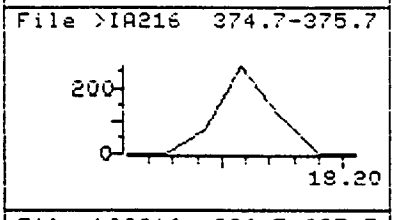
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

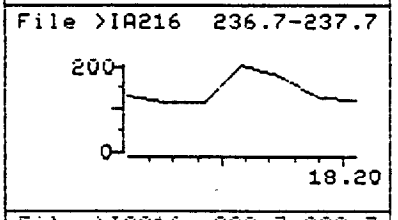


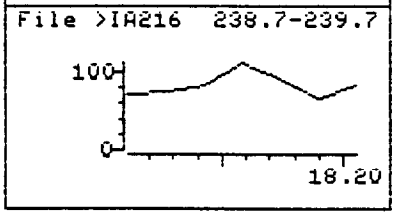
SAMPLE SPECTRUM (UNALTERED)







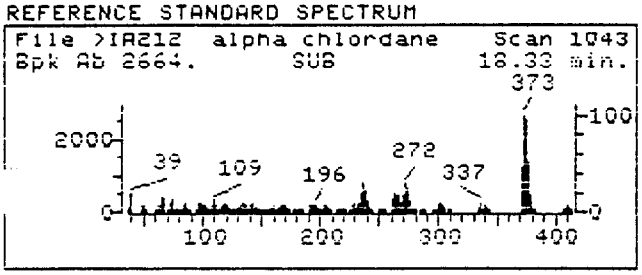




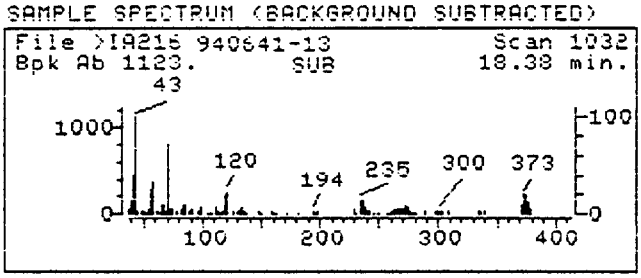
Data File: >IA216::D7 Quant Output File: ^IA216::QT
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 22:28 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 9
Compound Name : gamma chlordane (trans)
Scan Number : 1018
Retention Time: 18.16 min.
Quant Ion : 373.0
Area : 459
Concentration : 2.01 ug/L
q-value : 73

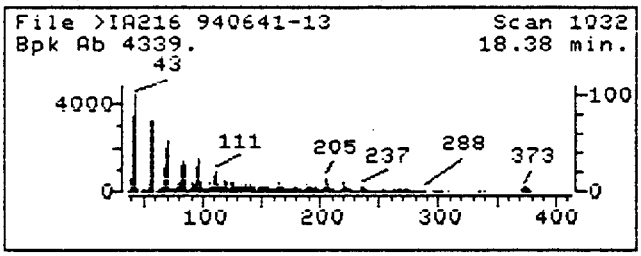
REFERENCE STANDARD SPECTRUM

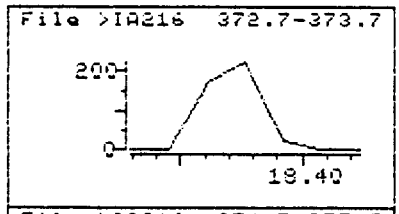


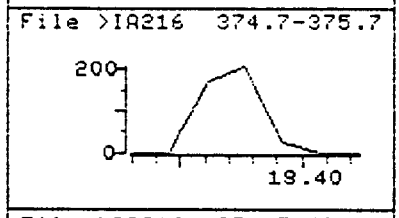
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

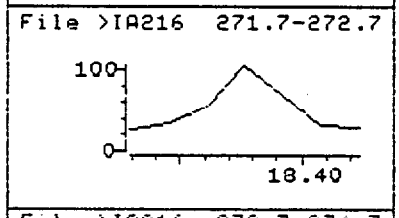


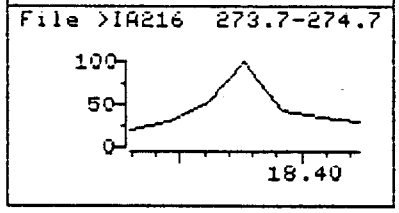
SAMPLE SPECTRUM (UNALTERED)







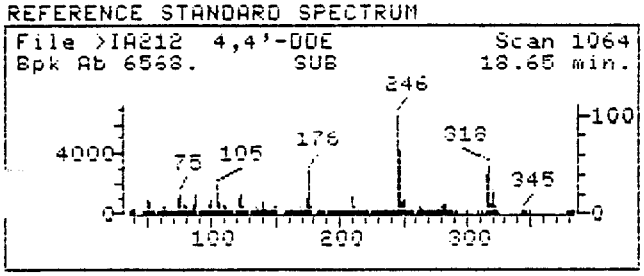




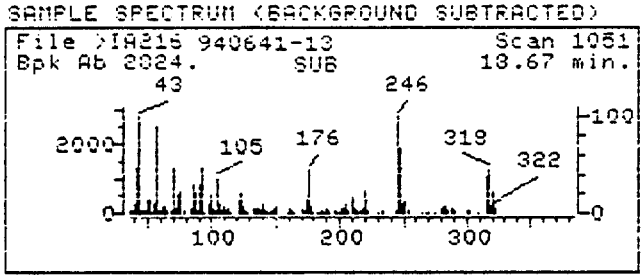
Data File: >IA216::D7 Quant Output File: ^IA216::QT
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 22:28 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 11
Compound Name : alpha chlordane (cis)
Scan Number : 1032
Retention Time: 18.38 min.
Quant Ion : 373.0
Area : 387
Concentration : 1.92 ug/L
q-value : 87

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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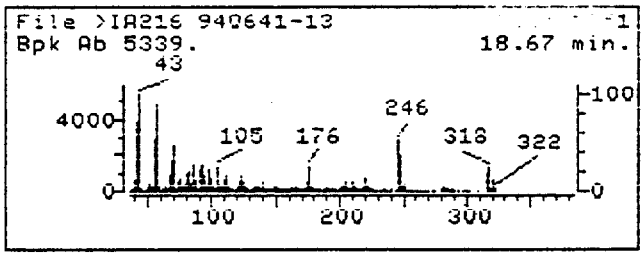
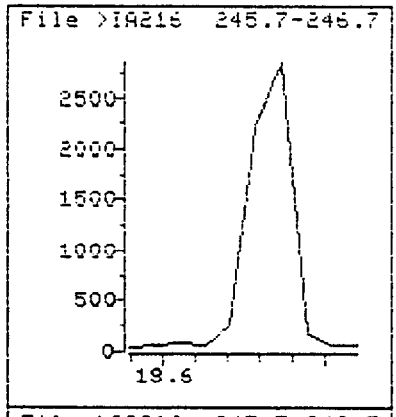
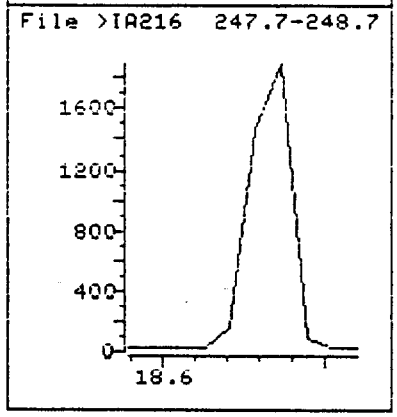


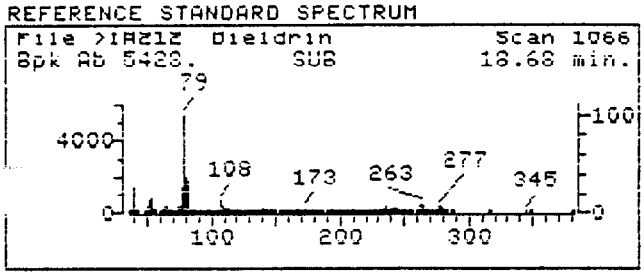


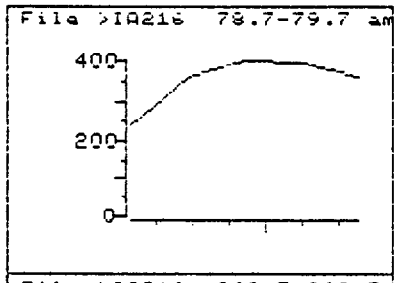


Data File: >IA216::D7 Quant Output File: ^IA216::QT
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 22:28 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

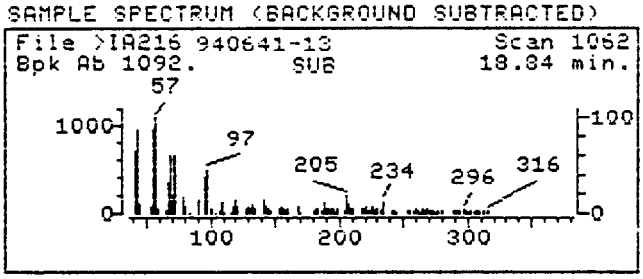
Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1051
Retention Time: 18.67 min.
Quant Ion : 246.0
Area : 5096
Concentration : 7.70 ug/L
q-value : 98

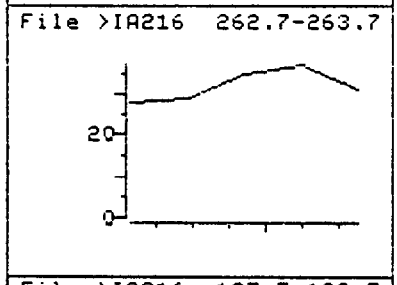
REFERENCE STANDARD SPECTRUM



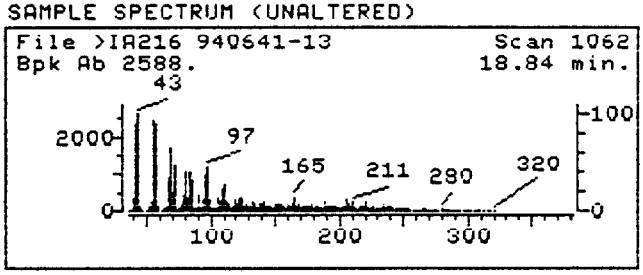


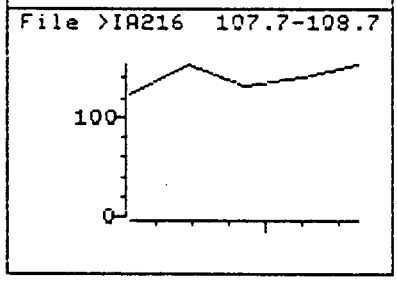
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)





SAMPLE SPECTRUM (UNALTERED)

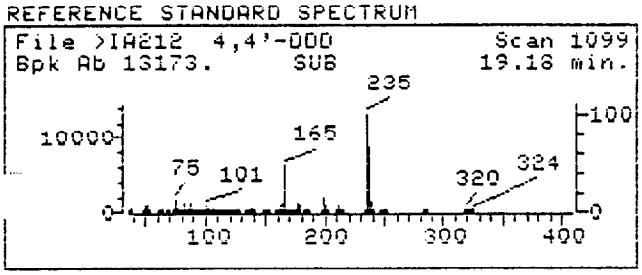




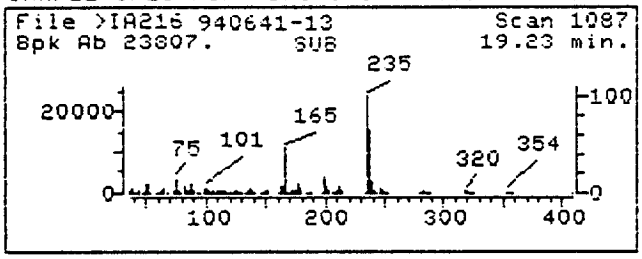
Data File: >IA216::D7 Quant Output File: ^IA216::QT
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 22:28 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 14
Compound Name : Dieldrin
Scan Number : 1062
Retention Time: 18.84 min.
Quant Ion : 79.0
Area : 526
Concentration : .872 ug/L
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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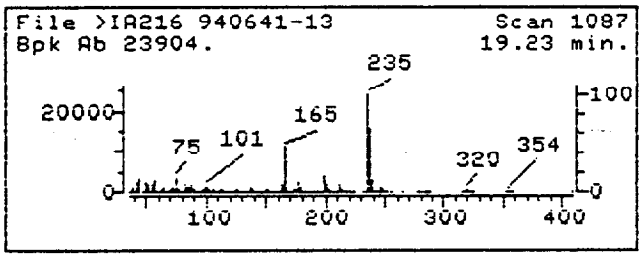
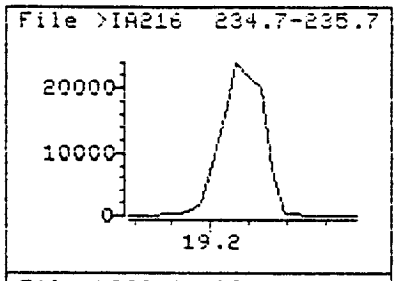
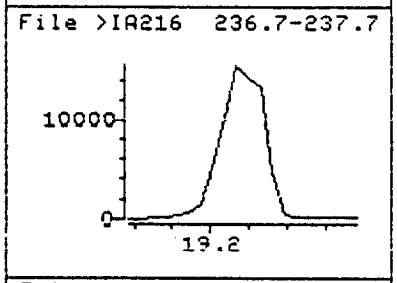
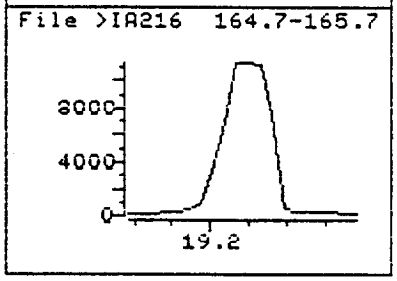




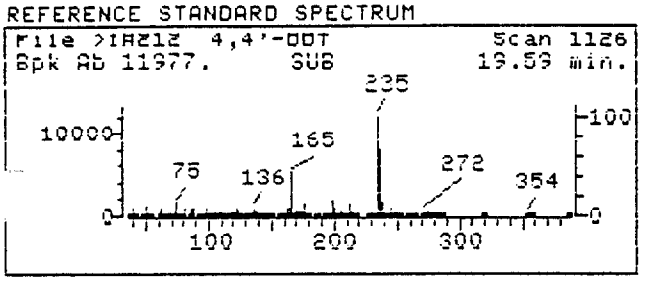




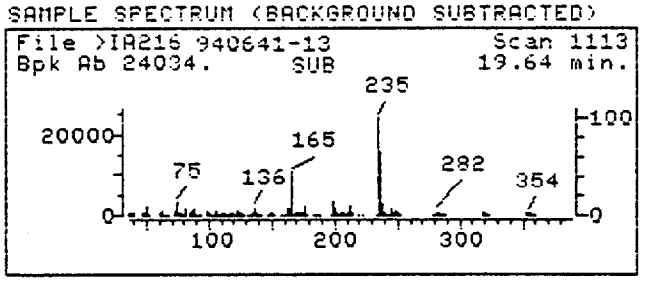
Data File: >IA216::D7 Quant Output File: ^IA216::QT
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 22:28 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1087
Retention Time: 19.23 min.
Quant Ion : 235.0
Area : 94305
Concentration : 92.67 ug/L
q-value : 88

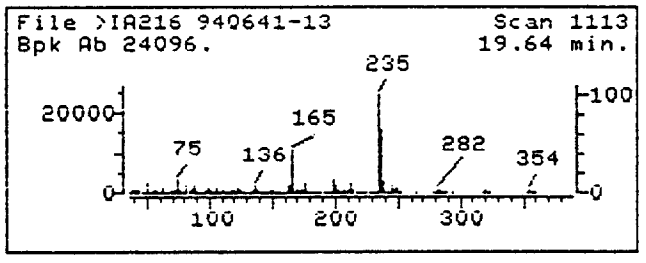
REFERENCE STANDARD SPECTRUM

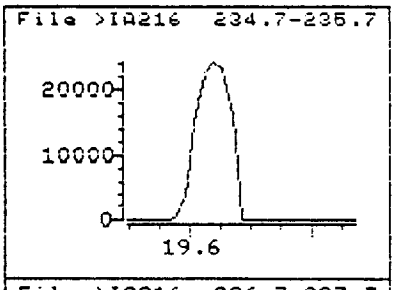


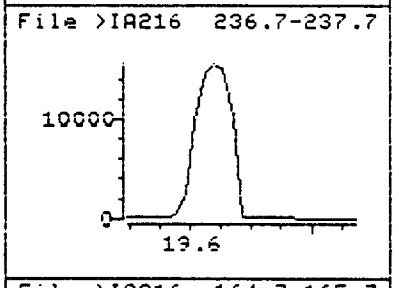
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

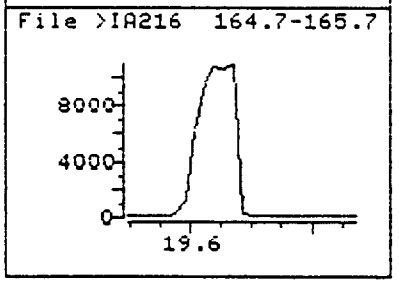


SAMPLE SPECTRUM (UNALTERED)









Data File: >IA216::D7 Quant Output File: ^IA216::QT
Name: 940641-13 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS15 SOIL LP BTL# 5
Quant Time: 940726 19:09 Quant ID File: PESTI2::SC
Injected at: 940725 22:28 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1113
Retention Time: 19.64 min.
Quant Ion : 235.0
Area : 98717
Concentration : 108.72 ug/L
q-value : 86

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS16

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-14

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 4 decanted: (Y/N) N Date Received: 07/21/94

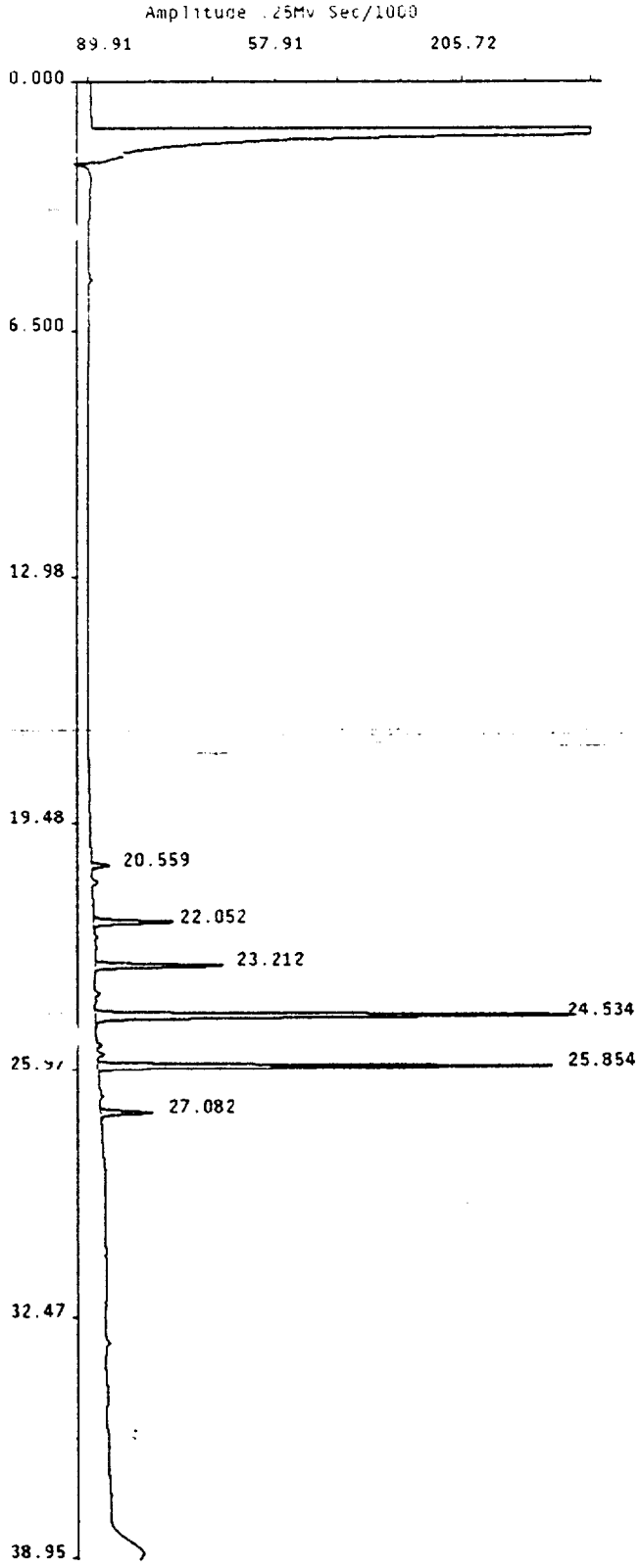
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 20000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	35000	U
319-85-7	beta-BHC	35000	U
319-86-8	delta-BHC	35000	U
58-89-9	gamma-BHC (Lindane)	35000	U
76-44-8	Heptachlor	35000	U
309-00-2	Aldrin	35000	U
1024-57-3	Heptachlor epoxide	35000	U
959-98-8	Endosulfan I	35000	U
60-57-1	Dieldrin	69000	U
72-55-9	4,4'-DDE	67000	J
72-20-8	Endrin	69000	U
33213-65-9	Endosulfan II	69000	U
72-54-8	4,4'-DDD	450000	P
1031-07-8	Endosulfan sulfate	69000	U
50-29-3	4,4'-DDT	480000	
72-43-5	Methoxychlor	350000	U
53494-70-5	Endrin ketone	69000	U
7421-93-4	Endrin aldehyde	69000	U
5103-71-9	alpha-Chlordane	35000	U
5103-74-2	gamma-Chlordane	35000	U
8001-35-2	Toxaphene	3500000	U
12674-11-2	Aroclor-1016	690000	U
11104-28-2	Aroclor-1221	1400000	U
11141-16-5	Aroclor-1232	690000	U
53469-21-9	Aroclor-1242	690000	U
12672-29-6	Aroclor-1248	690000	U
11097-69-1	Aroclor-1254	690000	U
11096-82-5	Aroclor-1260	690000	U



Ceimic Corporation Pest/PCB Report

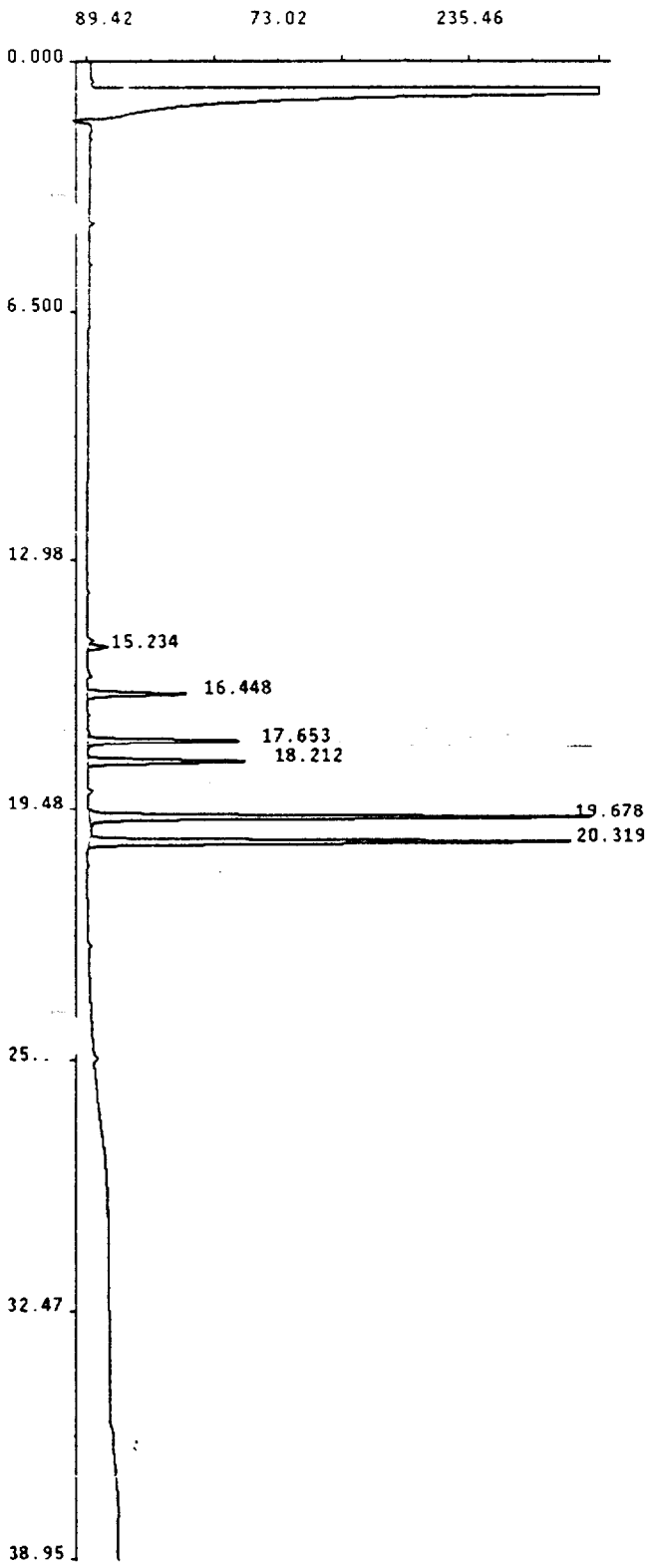
Sample Name : CLJ2-CSS16 20000X
Lab Id : 940641-14 20000X
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL027.RES
Inject Time : 1801 23Jul1994
Run Status : EndOffBaseline
NoReference
SignalOverload

7-21-94

Pk #	RT	Area	Code	MASSng	Name
1	20.56	5851	BB	.005	
2	22.05	29246	BB	.011	4,4'-DDE
3	23.21	44885	BB	.036	
4	24.53	185940	BB	.092	4,4'-DDD
5	25.85	154512	BB	.071	4,4'-DDT
6	27.08	19517	BB	.016	

Total Area: 439950

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1420 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS16 20000X
Lab Id : 940641-14 20000X
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL027.RES
Inject Time : 1801 23Jul1994
Run Status : NoReference
SignalOverload

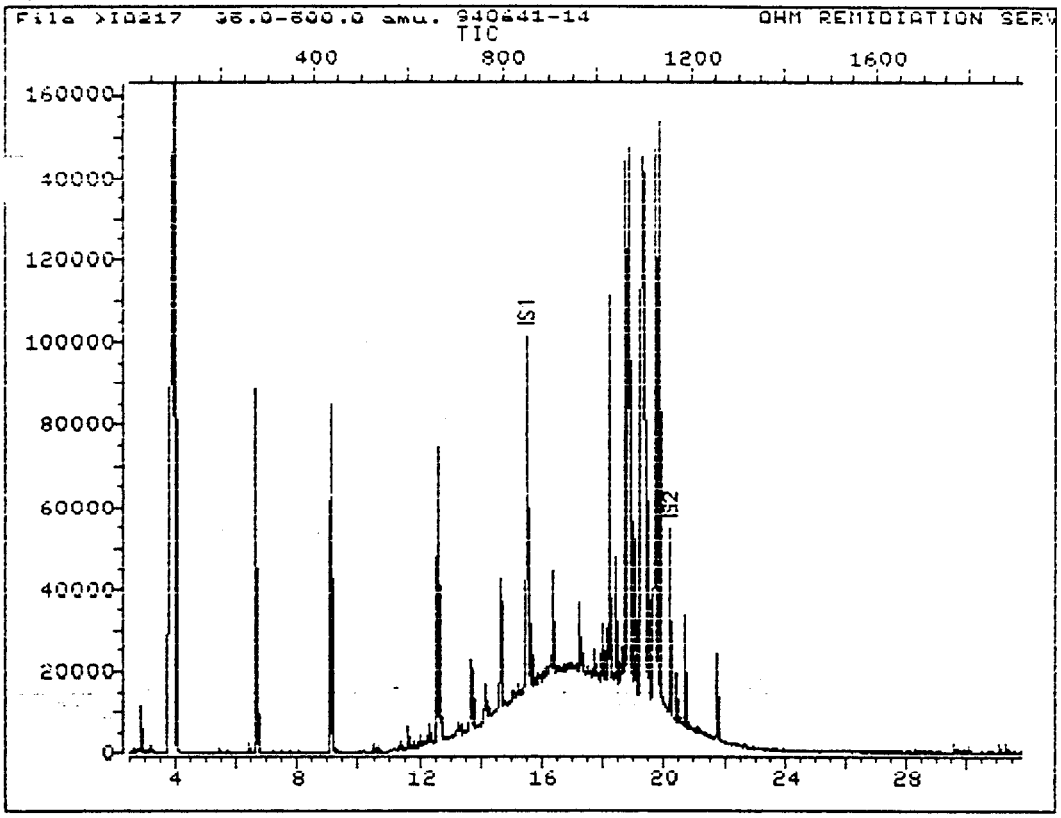
7.25-94

Pk #	RT	Area	Code	MASSng	Name
1	15.23	7758	BB	.001	
2	16.45	46128	BB	.010	4,4'-DDE
3	17.65	70356	BB	.007	
4	18.21	76844	BB	.008	
5	19.68	226957	BB	.065	4,4'-DDD
6	20.32	220053	BB	.069	4,4'-DDT

Total Area: 648095

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1732 24Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA217::D7 Quant Output File: ^IA217::QT
Name: 940641-14 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS16 SOIL LP BTL# 6

Id File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

Operator ID: BNA11
Quant Time : 940726 19:10
Injected at: 940725 23:09

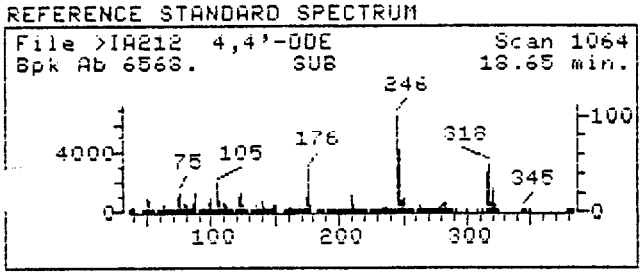
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:10
Output File: ^IA217::QT Injected at: 940725 23:09
Data File: >IA217::D7 Dilution Factor: 1.00000
Name: 940641-14 Instrument ID: MS9
M : OHM REMIDIATION SERVICE CLJ2-CSS16 SOIL LP BTL# 6

ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

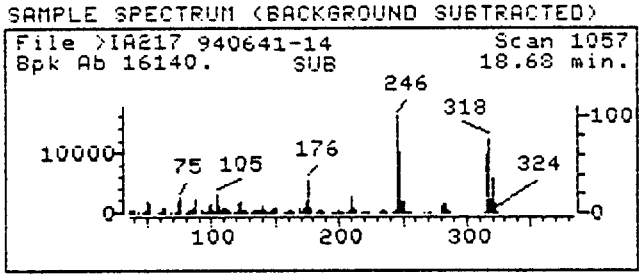
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.47	188.0	74937	20.00	ug/L	100
12)	*d12-Chrysene	20.17	240.0	28512	20.00	ug/L	100
13)	4,4'-DDE	18.68	246.0	58537	133.36	ug/L	97
14)	Dieldrin	18.72	79.0	743	1.86	ug/L	100
17)	4,4'-DDD	19.25	235.0	143640	212.87	ug/L	82
20)	4,4'-DDT	19.64	235.0	176513	293.18	ug/L	85

* Compound is ISTD

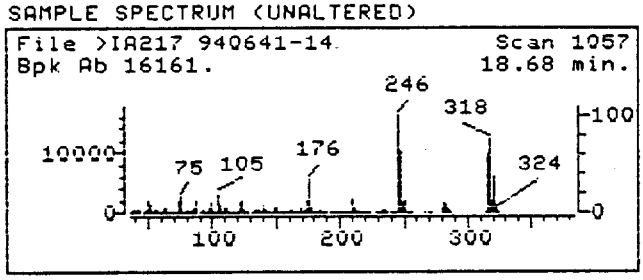
REFERENCE STANDARD SPECTRUM

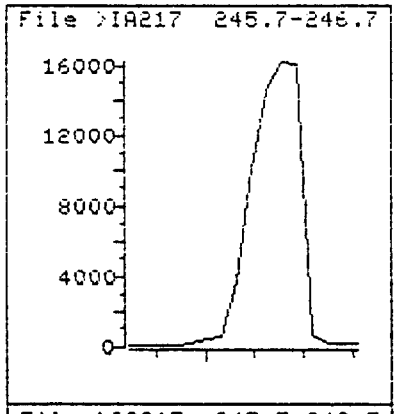


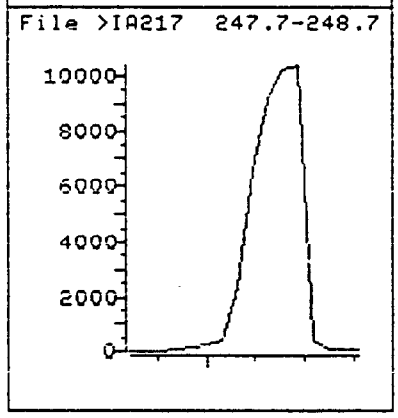
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



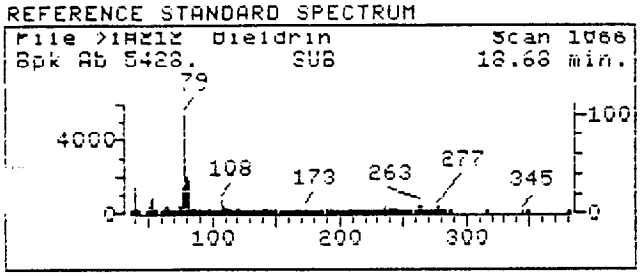


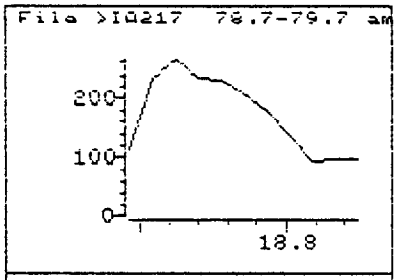


Data File: >IA217::D7 Quant Output File: ^IA217::QT
Name: 940641-14 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS16 SOIL LP BTL# 6
Quant Time: 940726 19:10 Quant ID File: PESTI2::SC
Injected at: 940725 23:09 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

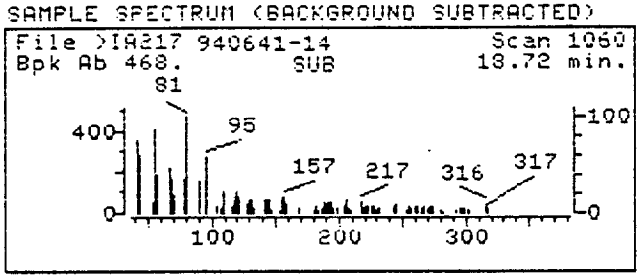
Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1057
Retention Time: 18.68 min.
Quant Ion : 246.0
Area : 58537
Concentration : 133.36 ug/L
q-value : 97

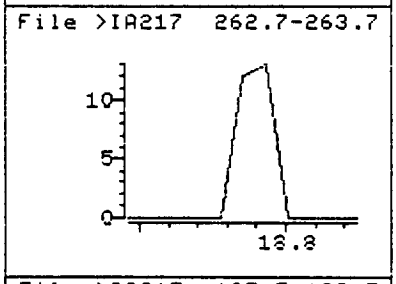
REFERENCE STANDARD SPECTRUM



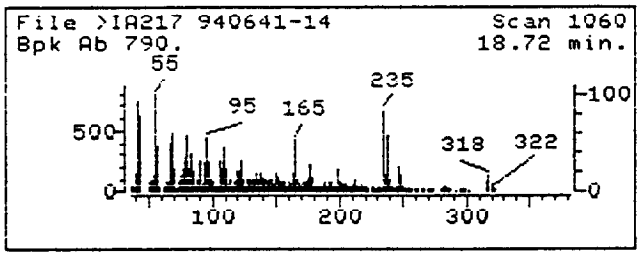


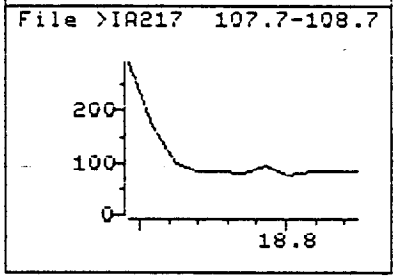
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)





SAMPLE SPECTRUM (UNALTERED)

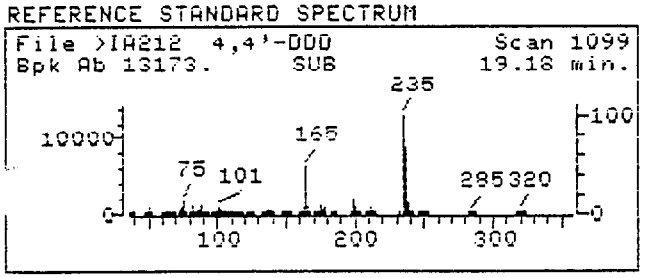




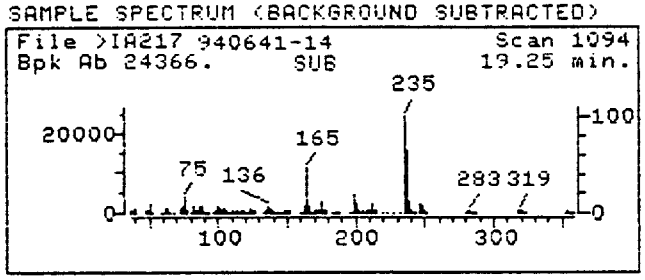
Data File: >IA217::D7 Quant Output File: ^IA217::QT
Name: 940641-14 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS16 SOIL LP BTL# 6
Quant Time: 940726 19:10 Quant ID File: PESTI2::SC
Injected at: 940725 23:09 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 14
Compound Name : Dieldrin
Scan Number : 1060
Retention Time: 18.72 min.
Quant Ion : 79.0
Area : 743
Concentration : 1.86 ug/L
q-value : 100

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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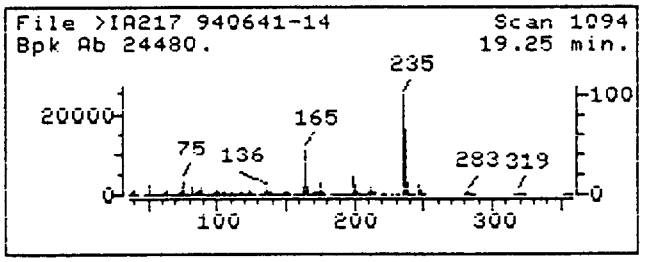
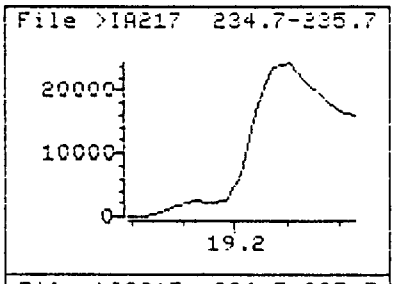
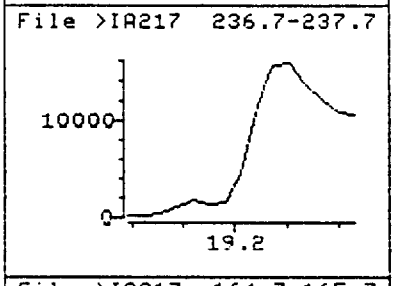
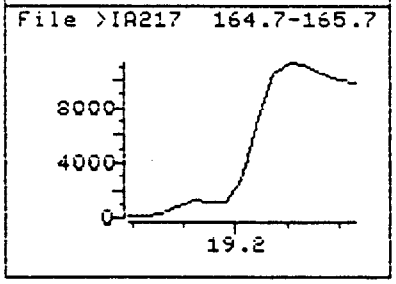




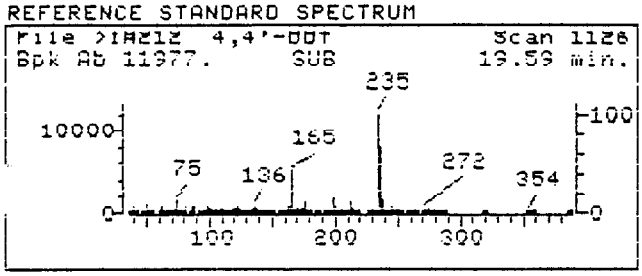




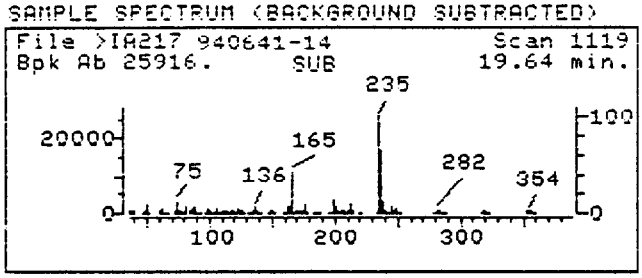
Data File: >IA217::D7 Quant Output File: ^IA217::QT
Name: 940641-14 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS16 SOIL LP BTL# 6
Quant Time: 940726 19:10 Quant ID File: PESTI2::SC
Injected at: 940725 23:09 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1094
Retention Time: 19.25 min.
Quant Ion : 235.0
Area : 143640
Concentration : 212.87 ug/L
q-value : 82

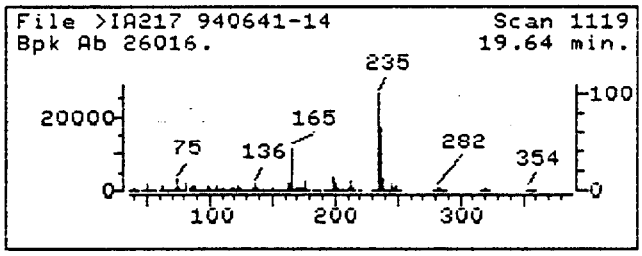
REFERENCE STANDARD SPECTRUM

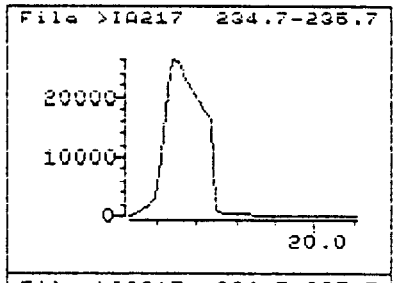


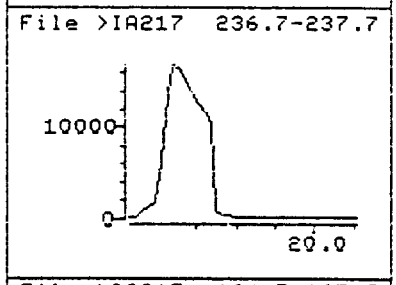
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

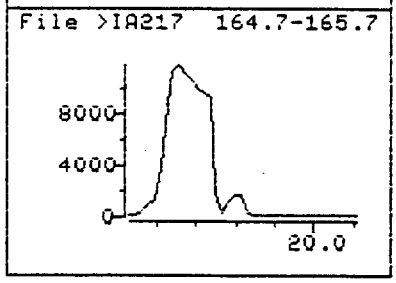


SAMPLE SPECTRUM (UNALTERED)









Data File: >IA217::D7 Quant Output File: ^IA217::QT
Name: 940641-14 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS16 SOIL LP BTL# 6
Quant Time: 940726 19:10 Quant ID File: PESTI2::SC
Injected at: 940725 23:09 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1119
Retention Time: 19.64 min.
Quant Ion : 235.0
Area : 176513
Concentration : 293.18 ug/L
q-value : 85

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS17

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-15

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 07/21/94

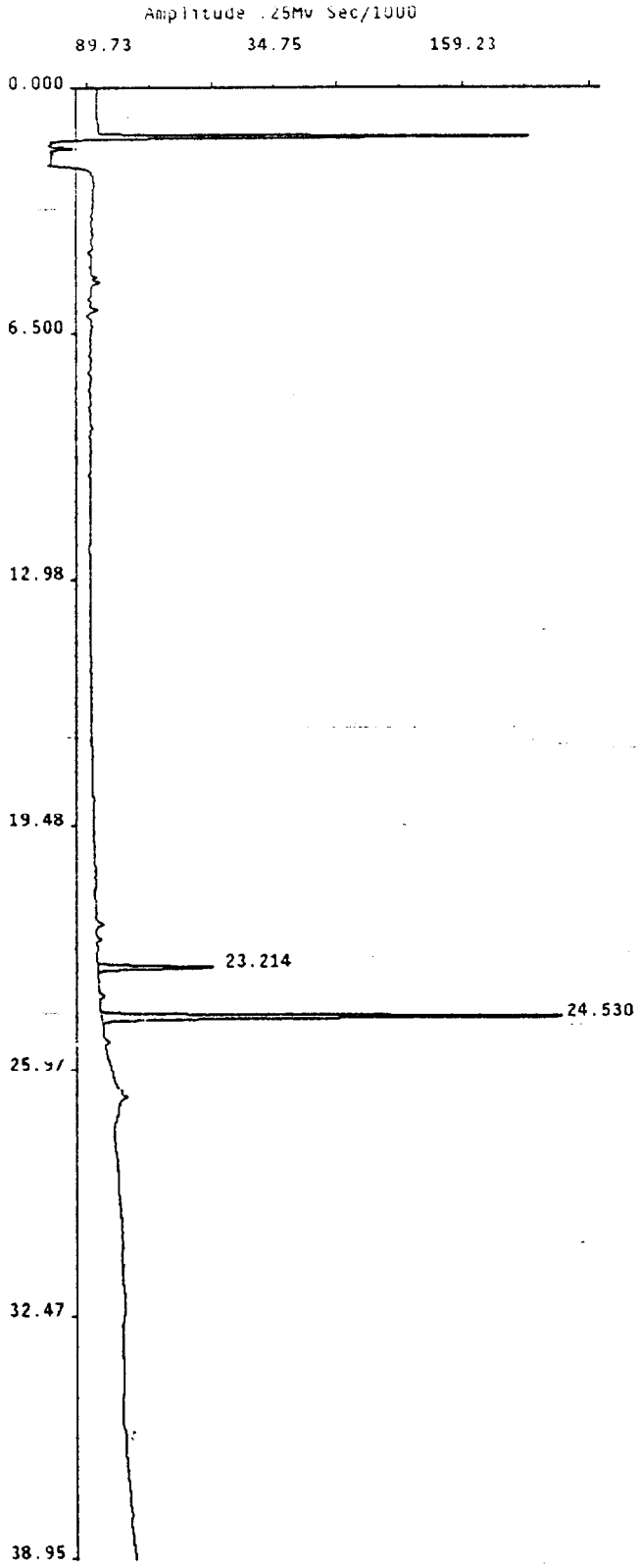
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	970	U
319-85-7	beta-BHC	970	U
319-86-8	delta-BHC	970	U
58-89-9	gamma-BHC (Lindane)	970	U
76-44-8	Heptachlor	970	U
309-00-2	Aldrin	970	U
1024-57-3	Heptachlor epoxide	970	U
959-98-8	Endosulfan I	970	U
60-57-1	Dieldrin	1900	U
72-55-9	4,4'-DDE	1900	U
72-20-8	Endrin	1900	U
33213-65-9	Endosulfan II	1900	U
72-54-8	4,4'-DDD	8800	
1031-07-8	Endosulfan sulfate	1900	U
50-29-3	4,4'-DDT	1900	U
72-43-5	Methoxychlor	9700	U
53494-70-5	Endrin ketone	1900	U
7421-93-4	Endrin aldehyde	1900	U
5103-71-9	alpha-Chlordane	970	U
5103-74-2	gamma-Chlordane	970	U
8001-35-2	Toxaphene	97000	U
12674-11-2	Aroclor-1016	19000	U
11104-28-2	Aroclor-1221	38000	U
11141-16-5	Aroclor-1232	19000	U
53469-21-9	Aroclor-1242	19000	U
12672-29-6	Aroclor-1248	19000	U
11097-69-1	Aroclor-1254	19000	U
11096-82-5	Aroclor-1260	19000	U



Ceimic Corporation Pest/PCB Report

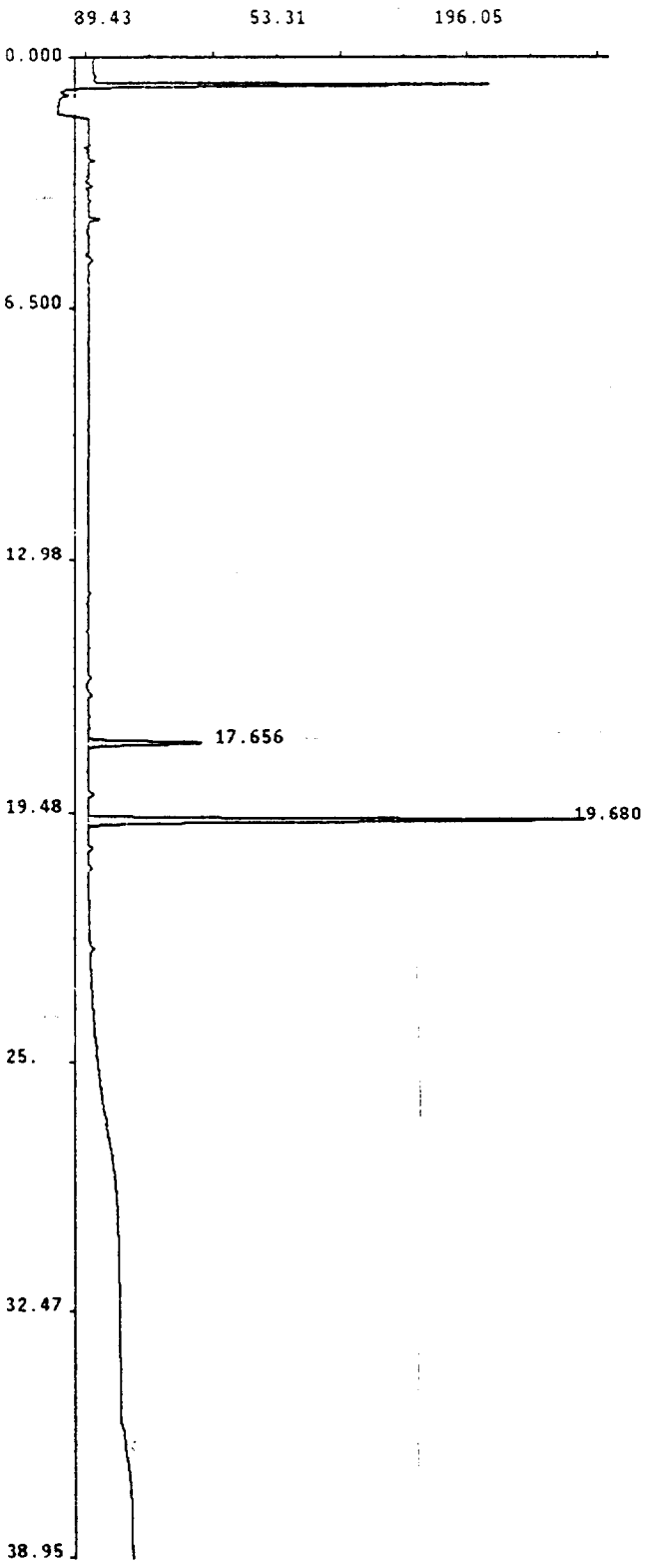
Sample Name : CLJ2-CSS17 500X
Lab Id : 940641-15 500X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL028.RES
Inject Time : 1844 23Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	23.21	24710	BB	.020	
2	24.53	97207	BB	.048	4,4'-DDD
		121917			

Total Area:

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1421 25Jul1994

7-25-94



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS17 500X
Lab Id : 940641-15 500X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL028.RES
Inject Time : 1844 23Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	17.66	38420	BB	.004	
2	19.68	160672	BB	.046	4,4'-DDD
		199092			

Total Area: 199092

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1735 24Jul1994

7-25-94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS18

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-16

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 7 decanted: (Y/N) N Date Received: 07/21/94

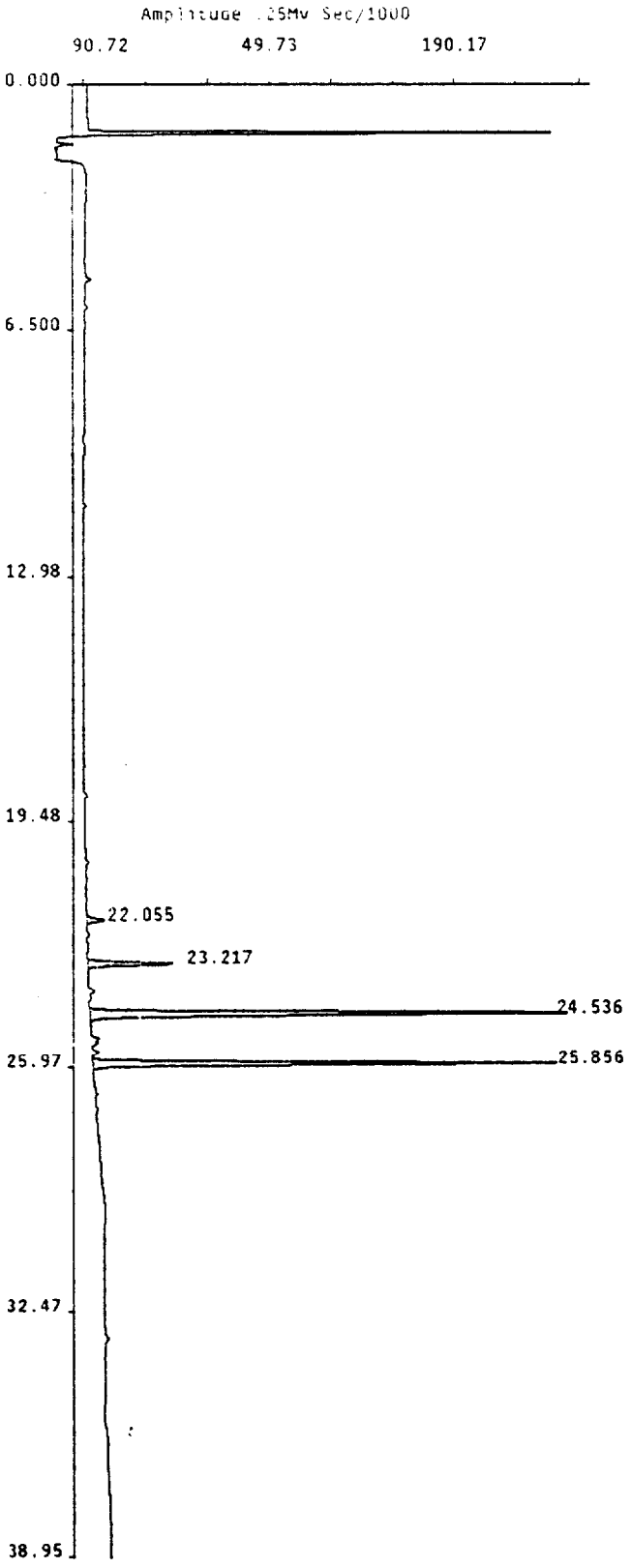
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	18000	U
319-85-7	beta-BHC	18000	U
319-86-8	delta-BHC	18000	U
58-89-9	gamma-BHC (Lindane)	18000	U
76-44-8	Heptachlor	18000	U
309-00-2	Aldrin	18000	U
1024-57-3	Heptachlor epoxide	18000	U
959-98-8	Endosulfan I	18000	U
60-57-1	Dieldrin	35000	U
72-55-9	4,4'-DDE	5700	JP
72-20-8	Endrin	35000	U
33213-65-9	Endosulfan II	35000	U
72-54-8	4,4'-DDD	200000	P
1031-07-8	Endosulfan sulfate	35000	U
50-29-3	4,4'-DDT	220000	
72-43-5	Methoxychlor	180000	U
53494-70-5	Endrin ketone	35000	U
7421-93-4	Endrin aldehyde	35000	U
5103-71-9	alpha-Chlordane	18000	U
5103-74-2	gamma-Chlordane	18000	U
8001-35-2	Toxaphene	1800000	U
12674-11-2	Aroclor-1016	350000	U
11104-28-2	Aroclor-1221	720000	U
11141-16-5	Aroclor-1232	350000	U
53469-21-9	Aroclor-1242	350000	U
12672-29-6	Aroclor-1248	350000	U
11097-69-1	Aroclor-1254	350000	U
11096-82-5	Aroclor-1260	350000	U



Ceimic Corporation Pest/PCB Report

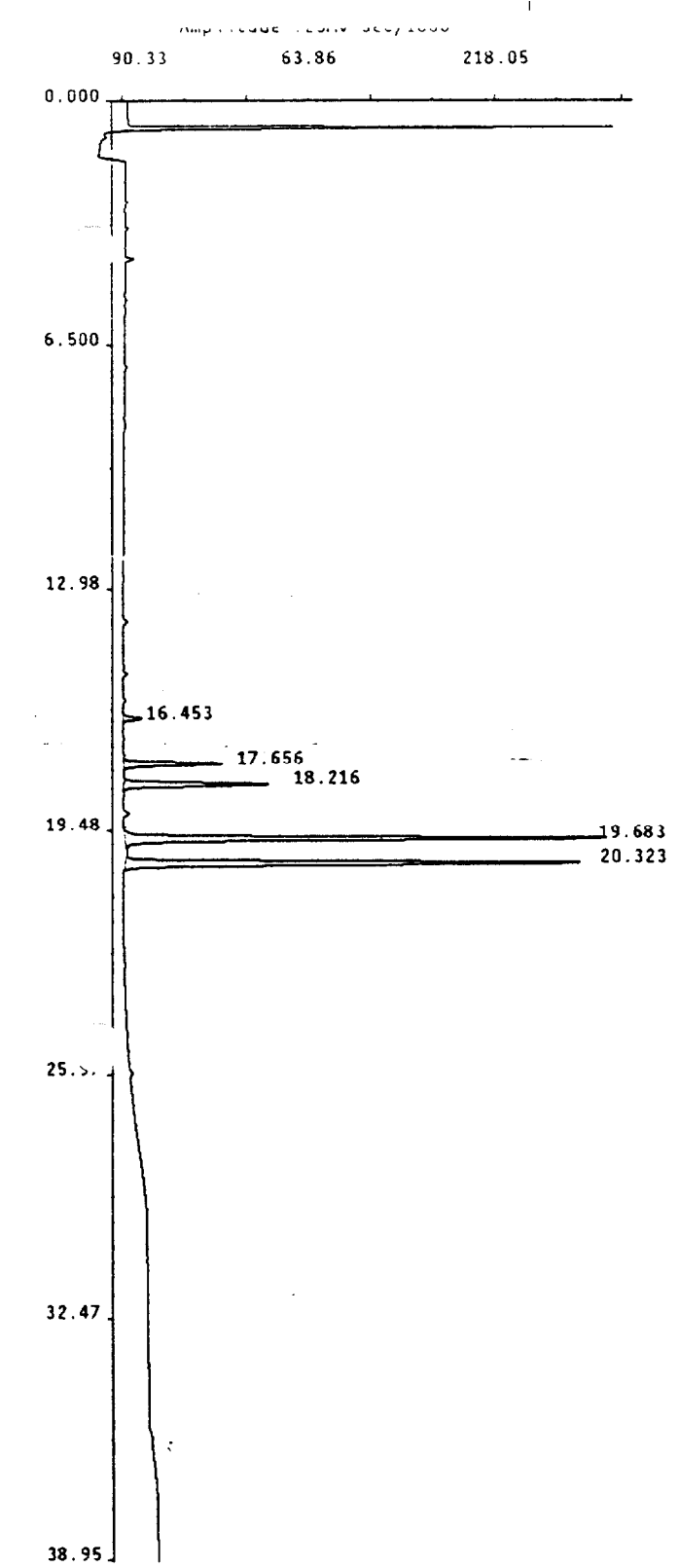
Sample Name : CLJ2-CSS18 10000X
Lab Id : 940641-16 10000X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL029.RES
Inject Time : 1928 23Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	22.06	5538	BB	.002	4,4'-DDE
2	23.22	26623	BB	.021	
3	24.54	159610	BB	.079	4,4'-DDD
4	25.86	136429	BB	.063	4,4'-DDT

Total Area: 328200

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1422 25Jul1994

7.26 g/l



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS18 10000X
Lab Id : 940641-16 10000X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL029.RES
Inject Time : 1928 23Jul1994
Run Status : RunStatusOK
NoReference

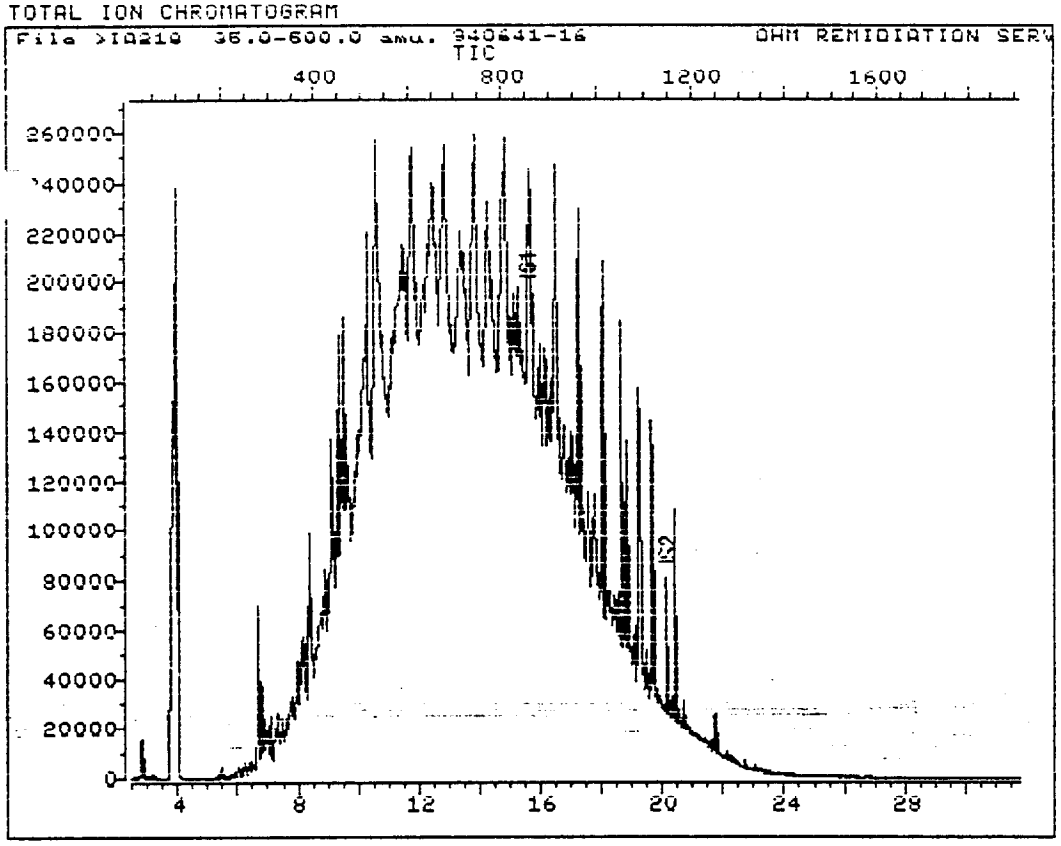
Pk #	RT	Area	Code	MASSng	Name
1	16.45	7676	BB	.002	4,4'-DDE
2	17.66	41473	BB	.004	
3	18.22	62847	BB	.007	
4	19.68	198011	BB	.057	4,4'-DDD
5	20.32	195971	DB	.062	4,4'-DDT

Total Area: 505978

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1737 24Jul1994

7-25 44

TOTAL ION CHROMATOGRAM



Data File: >IA218::D7 Quant Output File: ^IA218::QT
Name: 940641-16 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS18 SOIL LP BTL# 7

Id File: PESTI2::SC
Title: PESTICIDE ON OB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

Operator ID: BNA11
Quant Time : 940726 19:11
Injected at: 940725 23:49

Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:11
Output File: ^IA218::QT Injected at: 940725 23:49
Data File: >IA218::D7 Dilution Factor: 1.00000
Name: 940641-16 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS18 SOIL LP BTL# 7

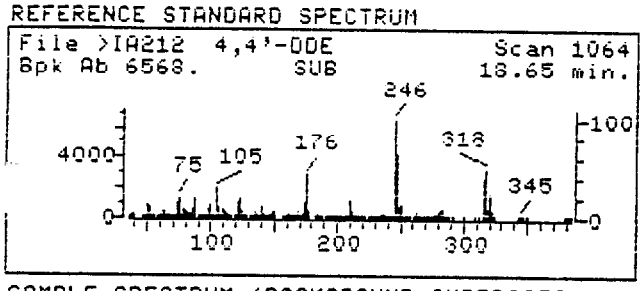
ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.58	188.0	31036	20.00	ug/L	100
12)	*d12-Chrysene	20.16	240.0	26546	20.00	ug/L	100
13)	4,4'-DDE	18.66	246.0	6135	15.01	ug/L	99
14)	Dieldrin	18.69	79.0	1299	3.49	ug/L	100
17)	4,4'-DDD	19.24	235.0	106004	168.73	ug/L	88
20)	4,4'-DDT	19.65	235.0	109639	195.59	ug/L	86

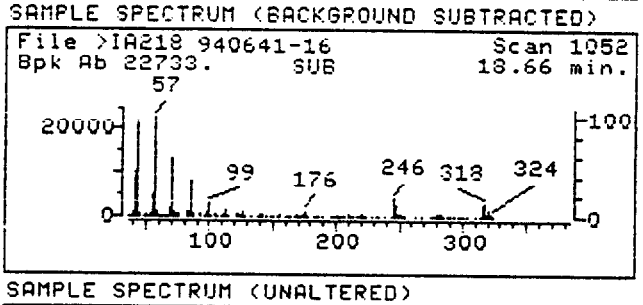
* Compound is ISTD

g2A

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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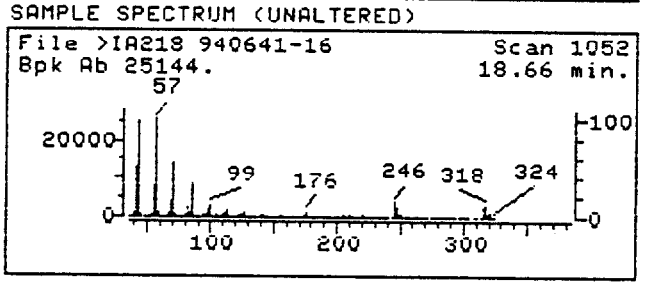
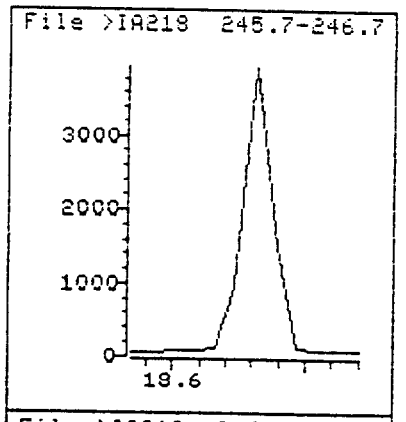
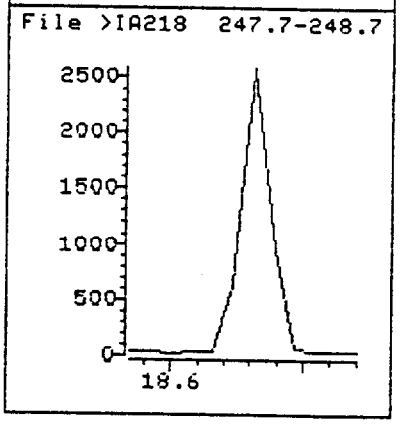


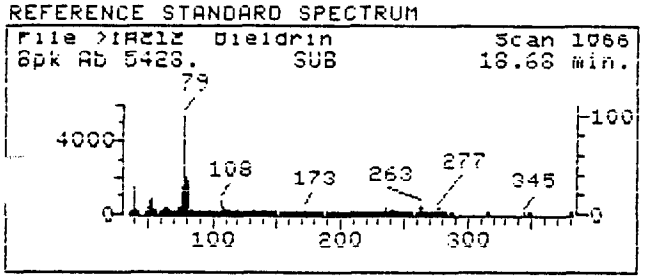




Data File: >IA218::D7 Quant Output File: ^IA218::QT
Name: 940641-16 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS18 SOIL LP BTL# 7
Quant Time: 940726 19:11 Quant ID File: PESTI2::SC
Injected at: 940725 23:49 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1052
Retention Time: 18.66 min.
Quant Ion : 246.0
Area : 6135
Concentration : 15.01 ug/L
q-value : 99

REFERENCE STANDARD SPECTRUM



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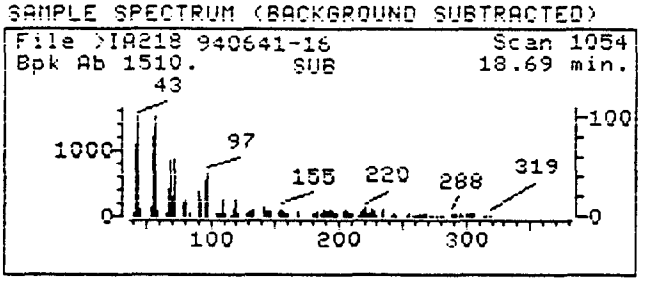

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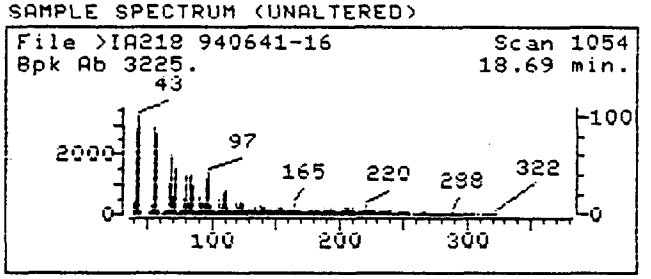
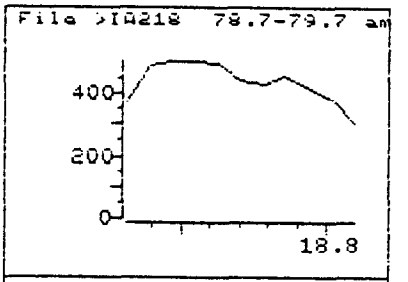
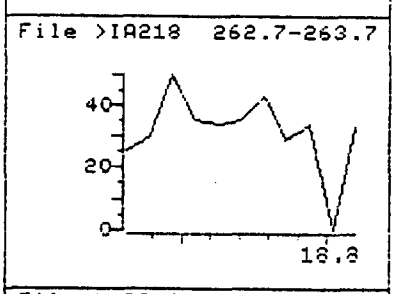
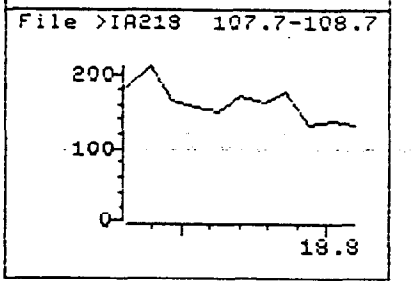




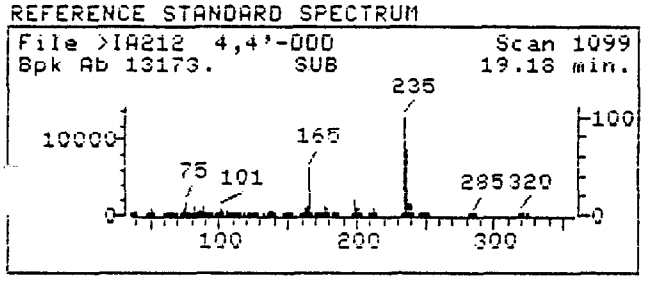




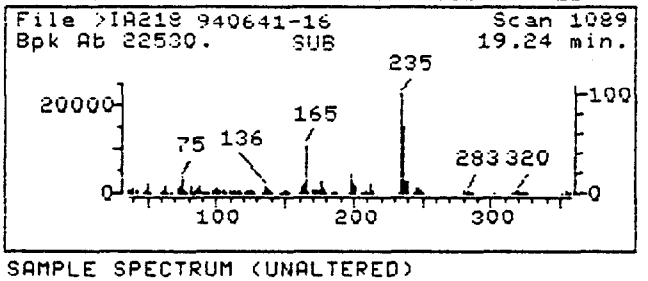
Data File: >IA218::D7 Quant Output File: ^IA218::QT
Name: 940641-16 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS18 SOIL LP BTL# 7
Quant Time: 940726 19:11 Quant ID File: PESTI2::SC
Injected at: 940725 23:49 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 14
Compound Name : Dieldrin
Scan Number : 1054
Retention Time: 18.69 min.
Quant Ion : 79.0
Area : 1299
Concentration : 3.49 ug/L
q-value : 100

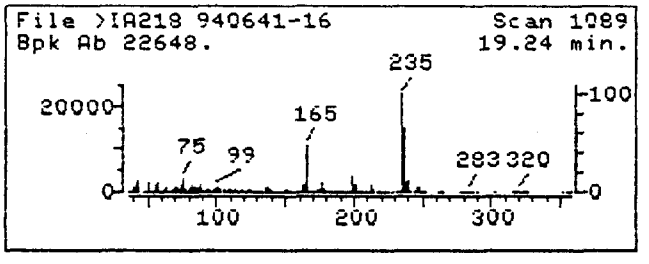
REFERENCE STANDARD SPECTRUM

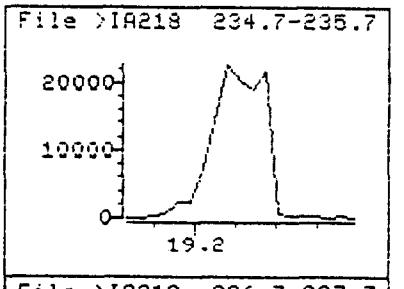


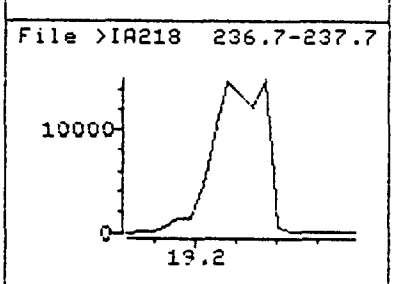
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

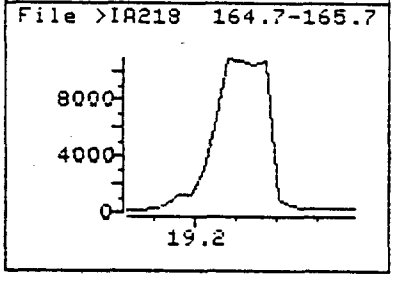


SAMPLE SPECTRUM (UNALTERED)





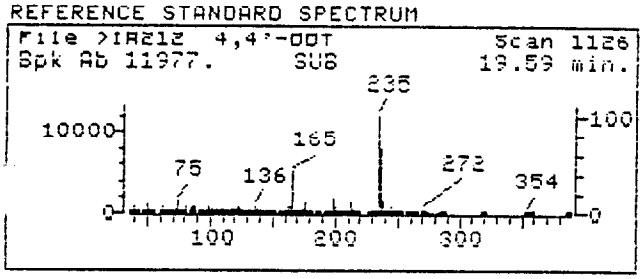




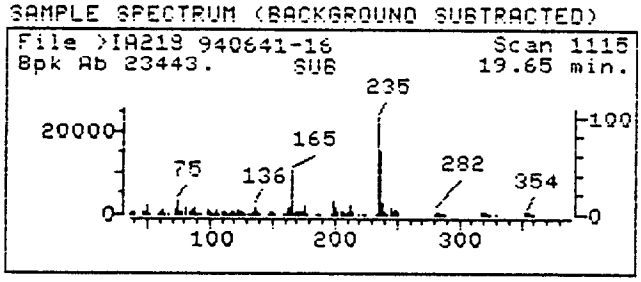
Data File: >IA218::D7 Quant Output File: ^IA218::QT
Name: 940641-16 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS18 SOIL LP BTL# 7
Quant Time: 940726 19:11 Quant ID File: PESTI2::SC
Injected at: 940725 23:49 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1089
Retention Time: 19.24 min.
Quant Ion : 235.0
Area : 106004
Concentration : 168.73 ug/L
q-value : 88

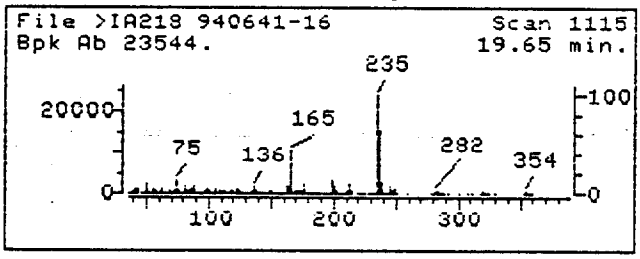
REFERENCE STANDARD SPECTRUM

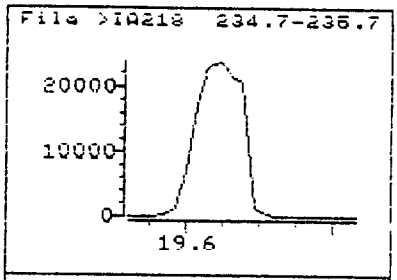


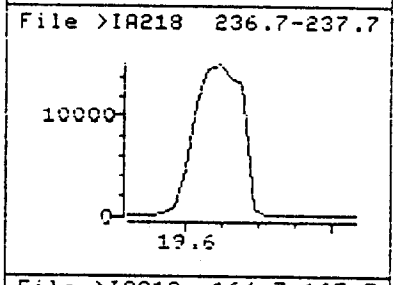
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

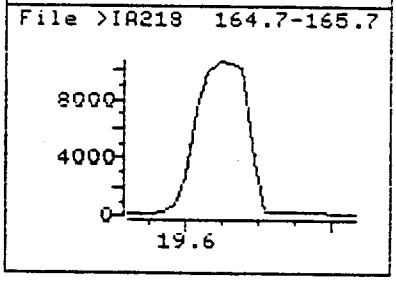


SAMPLE SPECTRUM (UNALTERED)









Data File: >IA218::D7 Quant Output File: ^IA218::QT
Name: 940641-16 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS18 SOIL LP BTL# 7
Quant Time: 940726 19:11 Quant ID File: PESTI2::SC
Injected at: 940725 23:49 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1115
Retention Time: 19.65 min.
Quant Ion : 235.0
Area : 109639
Concentration : 195.59 ug/l
q-value : 86

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS19

Lab Name: CEIMIC CORP Contract: OHM

o Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-17

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 8 decanted: (Y/N) N Date Received: 07/21/94

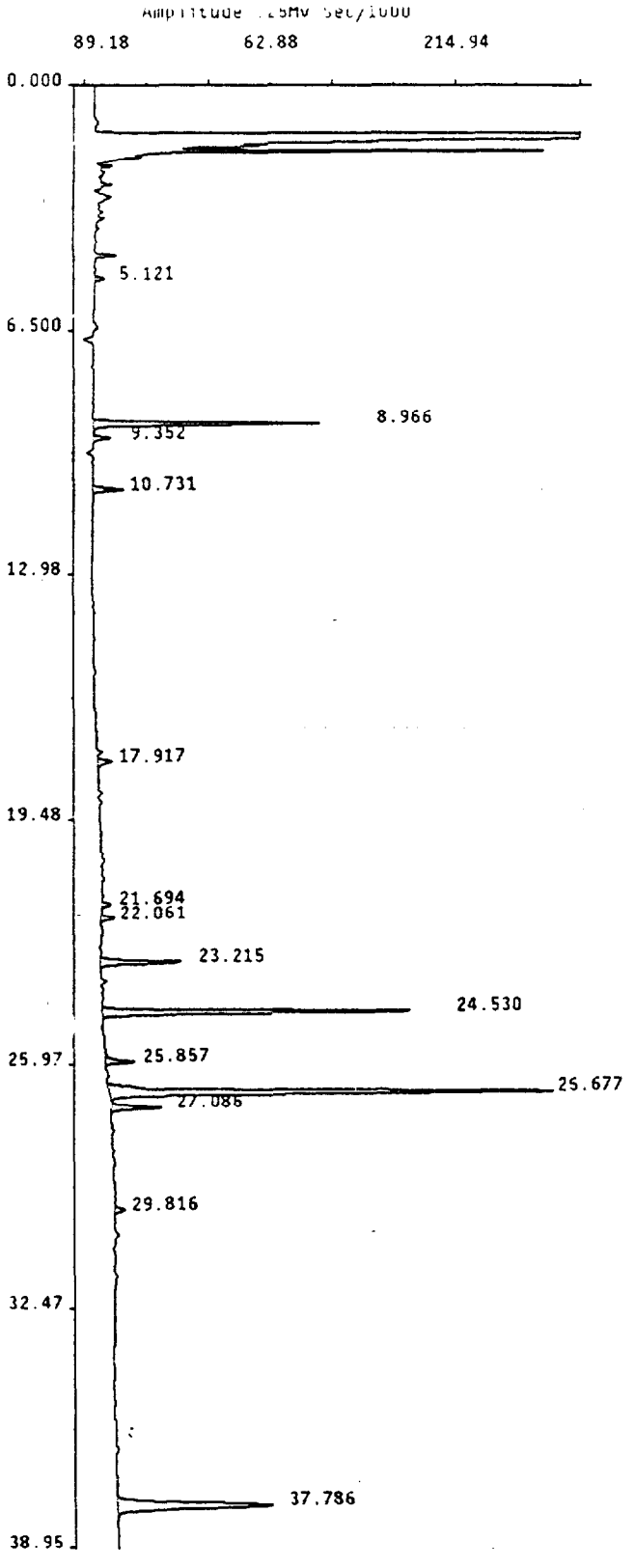
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.7	U
319-85-7	beta-BHC	3.7	U
319-86-8	delta-BHC	3.7	U
58-89-9	gamma-BHC (Lindane)	3.7	U
76-44-8	Heptachlor	3.7	U
309-00-2	Aldrin	3.7	U
1024-57-3	Heptachlor epoxide	3.7	U
959-98-8	Endosulfan I	3.7	U
60-57-1	Dieldrin	7.2	U
72-55-9	4,4'-DDE	0.63	JP
72-20-8	Endrin	7.2	U
33213-65-9	Endosulfan II	7.2	U
72-54-8	4,4'-DDD	40	
1031-07-8	Endosulfan sulfate	7.2	U
50-29-3	4,4'-DDT	3.3	JP
72-43-5	Methoxychlor	37	U
53494-70-5	Endrin ketone	7.2	U
7421-93-4	Endrin aldehyde	7.2	U
5103-71-9	alpha-Chlordane	3.7	U
5103-74-2	gamma-Chlordane	3.7	U
8001-35-2	Toxaphene	370	U
12674-11-2	Aroclor-1016	72	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	72	U
53469-21-9	Aroclor-1242	72	U
12672-29-6	Aroclor-1248	72	U
11097-69-1	Aroclor-1254	72	U
11096-82-5	Aroclor-1260	72	U



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS19 2X
Lab Id : 940641-17 2X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL030.RES
Inject Time : 2011 23Jul1994
Run Status : SignalOverload

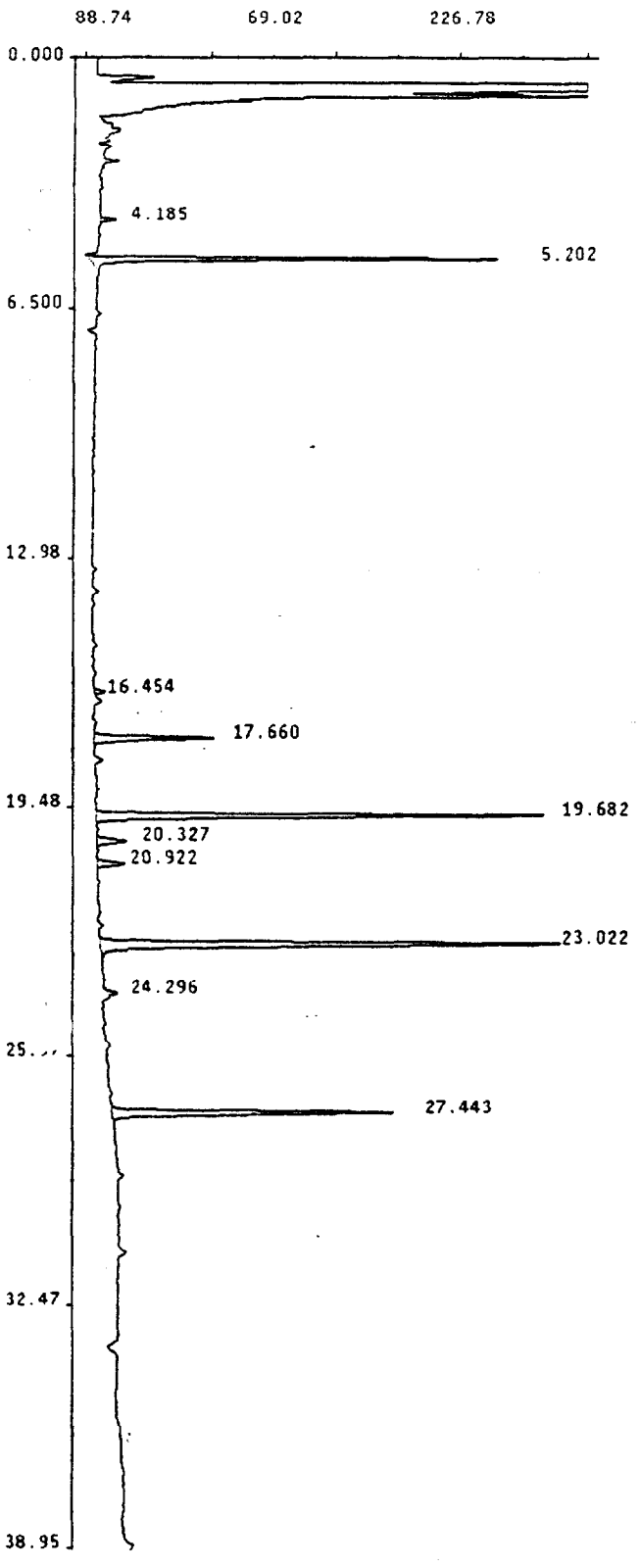
Pk #	RT	Area	Code	MASSng	Name
1	5.12	3239	BB	.003	
2	8.97	75899	BB	.021	TCX
3	9.35	5699	BB	.005	
4	10.73	10813	BB	.009	
5	17.92	6333	BB	.005	
6	21.69	3503	BB	.003	
7	22.06	4898	BB	.002	4,4'-DDE
8	23.22	31766	BB	.026	
9	24.53	119466	BB	.059	4,4'-DDD
10	25.86	12394	BB	.006	4,4'-DDT
11	26.68	208018	BB	.167	
12	27.09	20216	BB	.016	
13	29.82	4098	BB	.003	METHOXYCHLOR
14	37.79	111117	BB	.025	DCB

Total Area: 617460

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1423 25Jul1994

7-25-94

7-25-94



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS19 2X
Lab Id : 940641-17 2X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL030.RES
Inject Time : 2011 23Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4576	BB	.000	
2	5.20	128780	BB	.022	TCX
3	16.45	4138	BB	.001	4,4'-DDE
4	17.66	55479	BB	.013	ENDRIN
5	19.68	194094	BB	.056	4,4'-DDD
6	20.33	14297	BB	.005	4,4'-DDT
7	20.92	12420	BB	.001	
8	23.02	242515	BB	.026	
9	24.30	3745	BB	.001	ENDRIN KETON
10	27.44	135832	BB	.025	DCB

Total Area: 795878

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1740 24Jul1994

7-25-94

7-25-94

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS20

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-18

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 9 decanted: (Y/N) N Date Received: 07/21/94

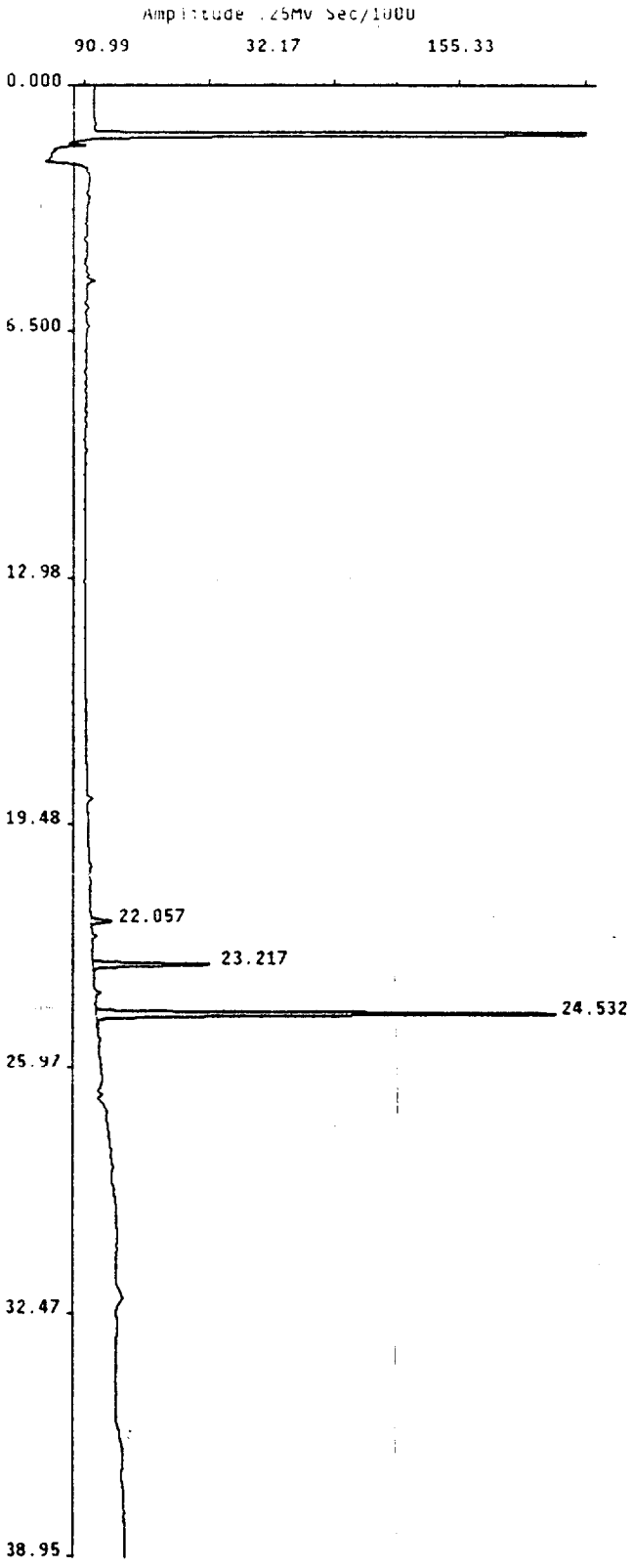
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 5000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	9300	U
319-85-7	beta-BHC	9300	U
319-86-8	delta-BHC	9300	U
58-89-9	gamma-BHC (Lindane)	9300	U
76-44-8	Heptachlor	9300	U
309-00-2	Aldrin	9300	U
1024-57-3	Heptachlor epoxide	9300	U
959-98-8	Endosulfan I	9300	U
60-57-1	Dieldrin	18000	U
72-55-9	4,4'-DDE	2000	JP
72-20-8	Endrin	18000	U
33213-65-9	Endosulfan II	18000	U
72-54-8	4,4'-DDD	78000	
1031-07-8	Endosulfan sulfate	18000	U
50-29-3	4,4'-DDT	18000	U
72-43-5	Methoxychlor	93000	U
53494-70-5	Endrin ketone	18000	U
7421-93-4	Endrin aldehyde	18000	U
5103-71-9	alpha-Chlordane	9300	U
5103-74-2	gamma-Chlordane	9300	U
8001-35-2	Toxaphene	930000	U
12674-11-2	Aroclor-1016	180000	U
11104-28-2	Aroclor-1221	370000	U
11141-16-5	Aroclor-1232	180000	U
53469-21-9	Aroclor-1242	180000	U
12672-29-6	Aroclor-1248	180000	U
11097-69-1	Aroclor-1254	180000	U
11096-82-5	Aroclor-1260	180000	U



Ceimic Corporation Pest/PCB Report

Page 1

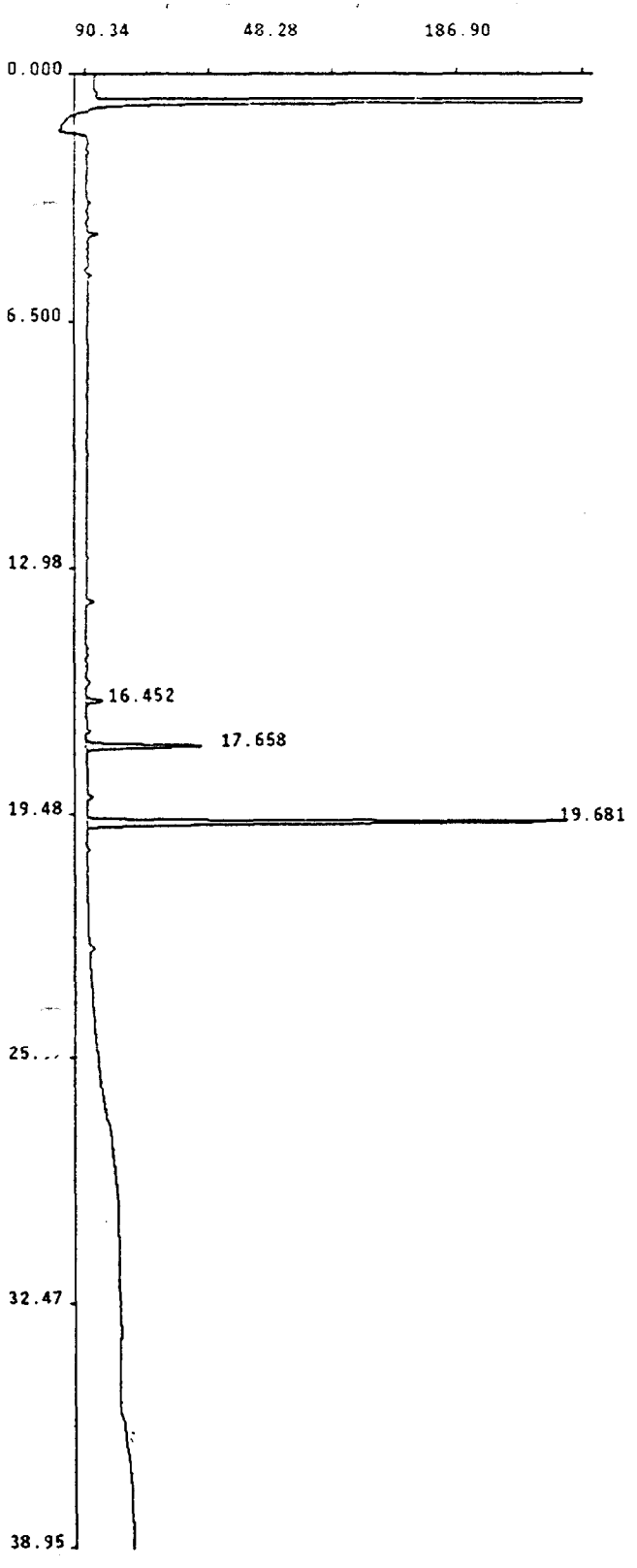
Sample Name : CLJ2-CSS20 5000X
Lab Id : 940641-18 5000X
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL031.RES
Inject Time : 2054 23Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	22.06	3958	BB	.001	4,4'-DDE
2	23.22	23362	BB	.019	
3	24.53	89981	BB	.044	4,4'-DDD

Total Area: 117301

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1425 25Jul1994

7-25-94



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS20 50000X
Lab Id : 940641-18 5000X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL031.RES
Inject Time : 2054 23Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	16.45	5197	BB	.001	4,4'-DDE
2	17.66	36103	BB	.004	
3	19.68	147467	BB	.042	4,4'-DDD
Total Area:		188767			

7-25-94

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1742 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS21

Lab Name: CEIMIC CORP Contract: OHM

b Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-19

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Received: 07/21/94

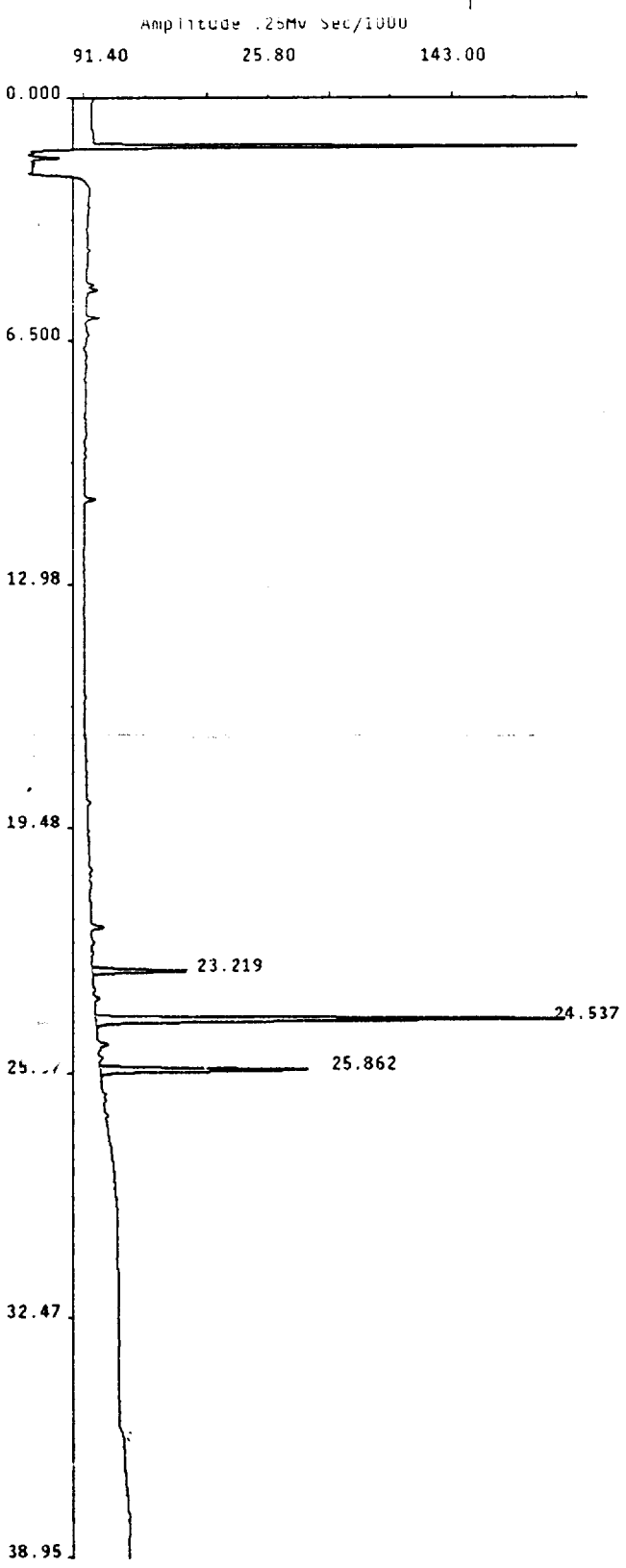
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 500

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1100	U
319-85-7	beta-BHC	1100	U
319-86-8	delta-BHC	1100	U
58-89-9	gamma-BHC (Lindane)	1100	U
76-44-8	Heptachlor	1100	U
309-00-2	Aldrin	1100	U
1024-57-3	Heptachlor epoxide	1100	U
959-98-8	Endosulfan I	1100	U
60-57-1	Dieldrin	2100	U
72-55-9	4,4'-DDE	2100	U
72-20-8	Endrin	2100	U
33213-65-9	Endosulfan II	2100	U
72-54-8	4,4'-DDD	6800	
1031-07-8	Endosulfan sulfate	2100	U
50-29-3	4,4'-DDT	3000	
72-43-5	Methoxychlor	11000	U
53494-70-5	Endrin ketone	2100	U
7421-93-4	Endrin aldehyde	2100	U
5103-71-9	alpha-Chlordane	1100	U
5103-74-2	gamma-Chlordane	1100	U
8001-35-2	Toxaphene	110000	U
12674-11-2	Aroclor-1016	21000	U
11104-28-2	Aroclor-1221	42000	U
11141-16-5	Aroclor-1232	21000	U
53469-21-9	Aroclor-1242	21000	U
12672-29-6	Aroclor-1248	21000	U
11097-69-1	Aroclor-1254	21000	U
11096-82-5	Aroclor-1260	21000	U



Ceimic Corporation Pest/PCB Report

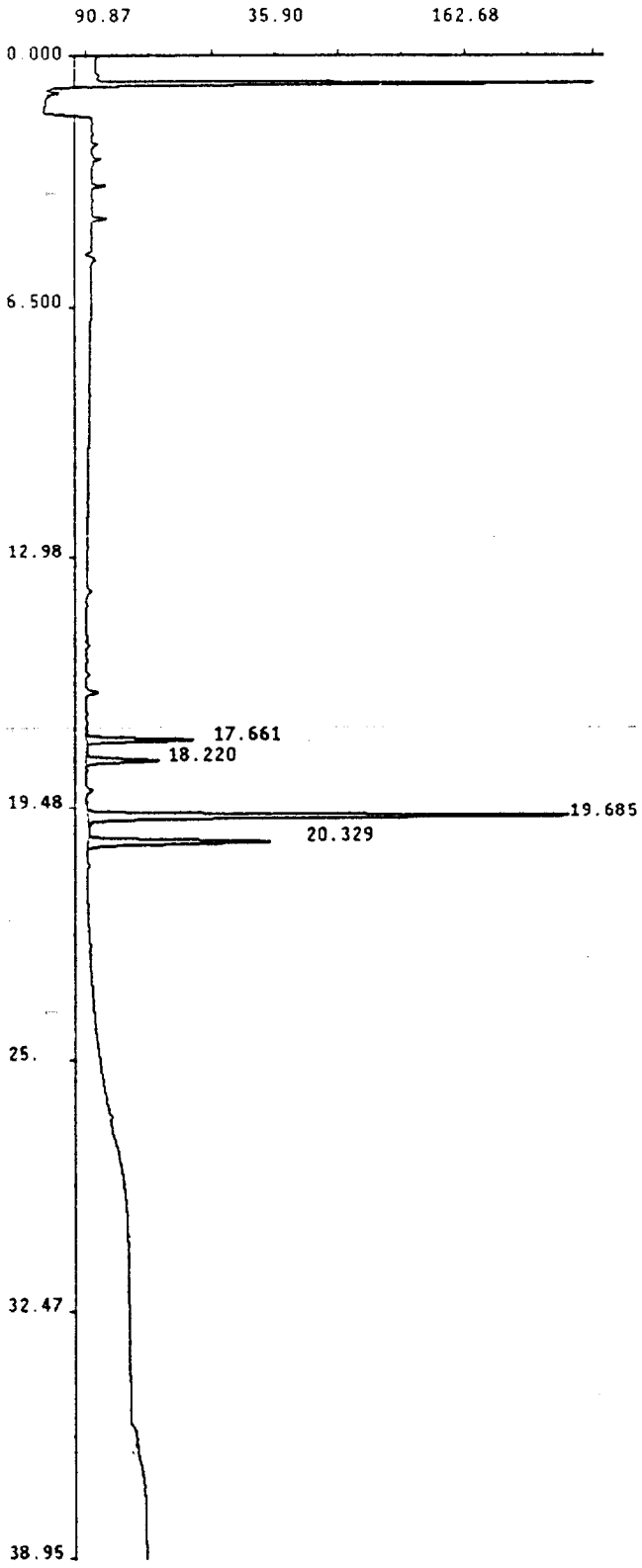
Sample Name : CLJ2-CSS21 500X
Lab Id : 940641-19 500X
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL032.RES
Inject Time : 2138 23Jul1994
Run Status : RunStatusOK
NoReference

7.25 in

Pk #	RT	Area	Code	MASSng	Name
1	23.22	15727	BB	.013	
2	24.54	79642	BB	.039	4,4'-DDD
3	25.86	33403	BB	.015	4,4'-DDT

Total Area: 128772

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1426 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS21 500X
Lab Id : 940641-19 500X
Inst Id & Col : A07_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL032.RES
Inject Time : 2138 23Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	17.66	24368	BR	.006	ENDRIN
2	18.22	17326	BB	.002	
3	19.69	112966	BB	.032	4,4'-DDD
4	20.33	46244	BB	.015	4,4'-DDT

Total Area: 200904

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1745 24Jul1994

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2-CSS22

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-20

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 18 decanted: (Y/N) N Date Received: 07/21/94

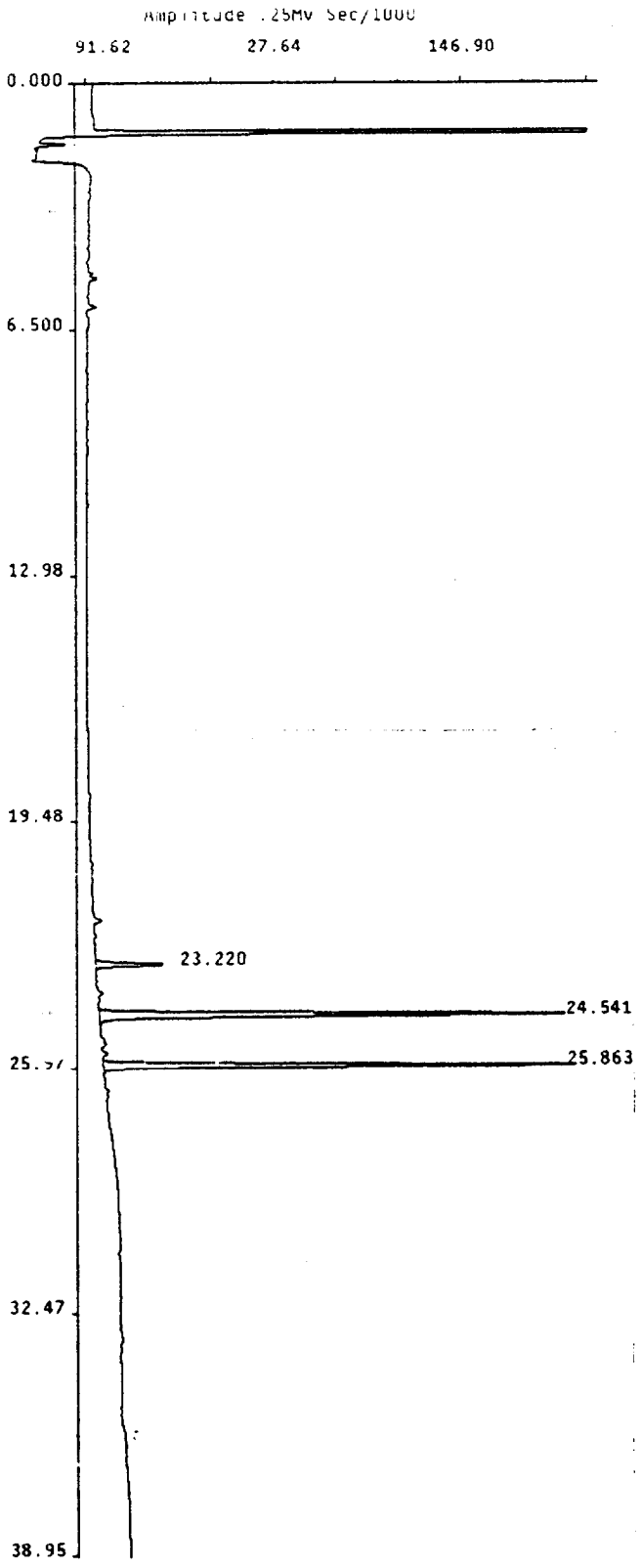
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/23/94

Injection Volume: 1.00 (uL) Dilution Factor: 10000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	21000	U
319-85-7	beta-BHC	21000	U
319-86-8	delta-BHC	21000	U
58-89-9	gamma-BHC (Lindane)	21000	U
76-44-8	Heptachlor	21000	U
309-00-2	Aldrin	21000	U
1024-57-3	Heptachlor epoxide	21000	U
959-98-8	Endosulfan I	21000	U
60-57-1	Dieldrin	40000	U
72-55-9	4,4'-DDE	40000	U
72-20-8	Endrin	40000	U
33213-65-9	Endosulfan II	40000	U
72-54-8	4,4'-DDD	130000	P
1031-07-8	Endosulfan sulfate	40000	U
50-29-3	4,4'-DDT	140000	
72-43-5	Methoxychlor	210000	U
53494-70-5	Endrin ketone	40000	U
7421-93-4	Endrin aldehyde	40000	U
5103-71-9	alpha-Chlordane	21000	U
5103-74-2	gamma-Chlordane	21000	U
8001-35-2	Toxaphene	2100000	U
12674-11-2	Aroclor-1016	400000	U
11104-28-2	Aroclor-1221	820000	U
11141-16-5	Aroclor-1232	400000	U
53469-21-9	Aroclor-1242	400000	U
12672-29-6	Aroclor-1248	400000	U
11097-69-1	Aroclor-1254	400000	U
11096-82-5	Aroclor-1260	400000	U



Ceimic Corporation Pest/PCB Report

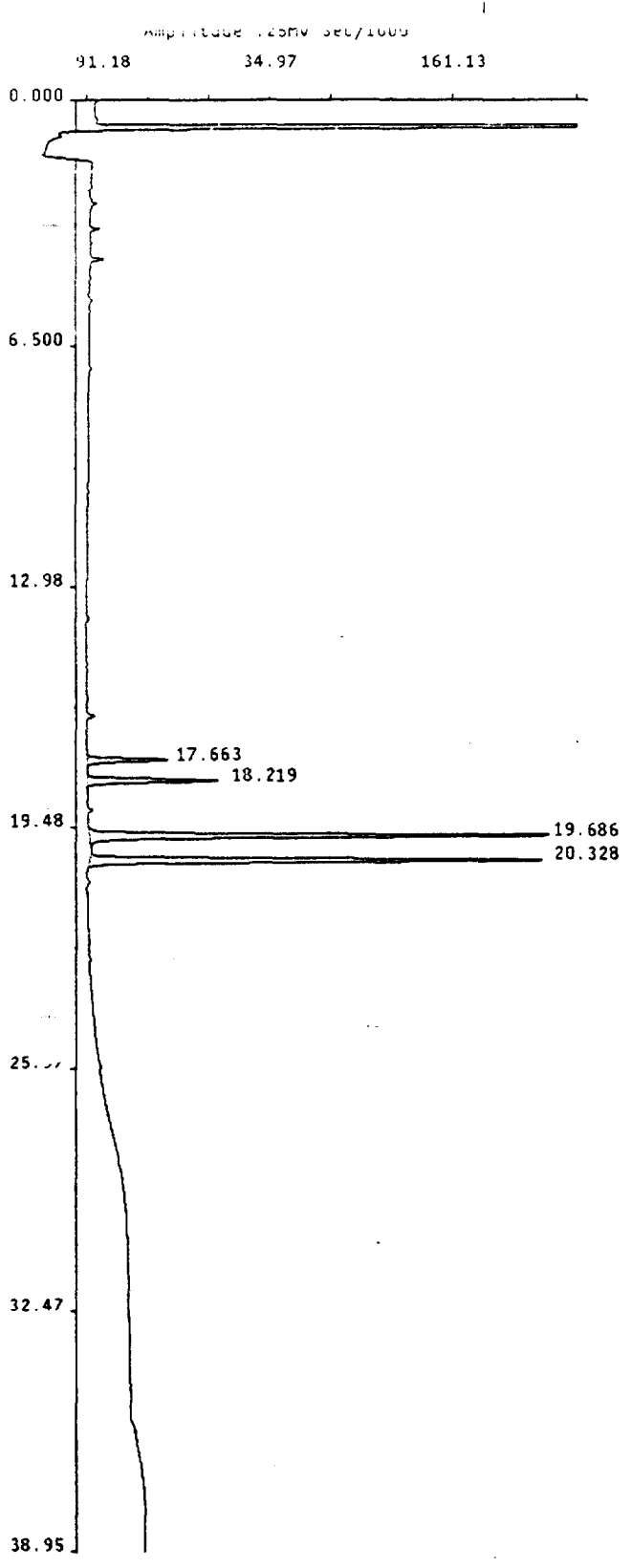
Sample Name : CLJ2-CSS22 10000X
Lab Id : 940641-20 10000X
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL033.RES
Inject Time : 2221 23Jul1994
Run Status : RunStatusOK
NoReference

Pk #	RT	Area	Code	MASSng	Name
1	23.22	11745	BB	.009	
2	24.54	85900	BB	.042	4,4'-DDD
3	25.86	78795	BB	.036	4,4'-DDT

Total Area: 176440

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1427 25Jul1994

7-25-94



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS22 10000X
Lab Id : 940641-20 10000X
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL033.RES
Inject Time : 2221 23Jul1994
Run Status : RunStatusOK
NoReference

7-25 94

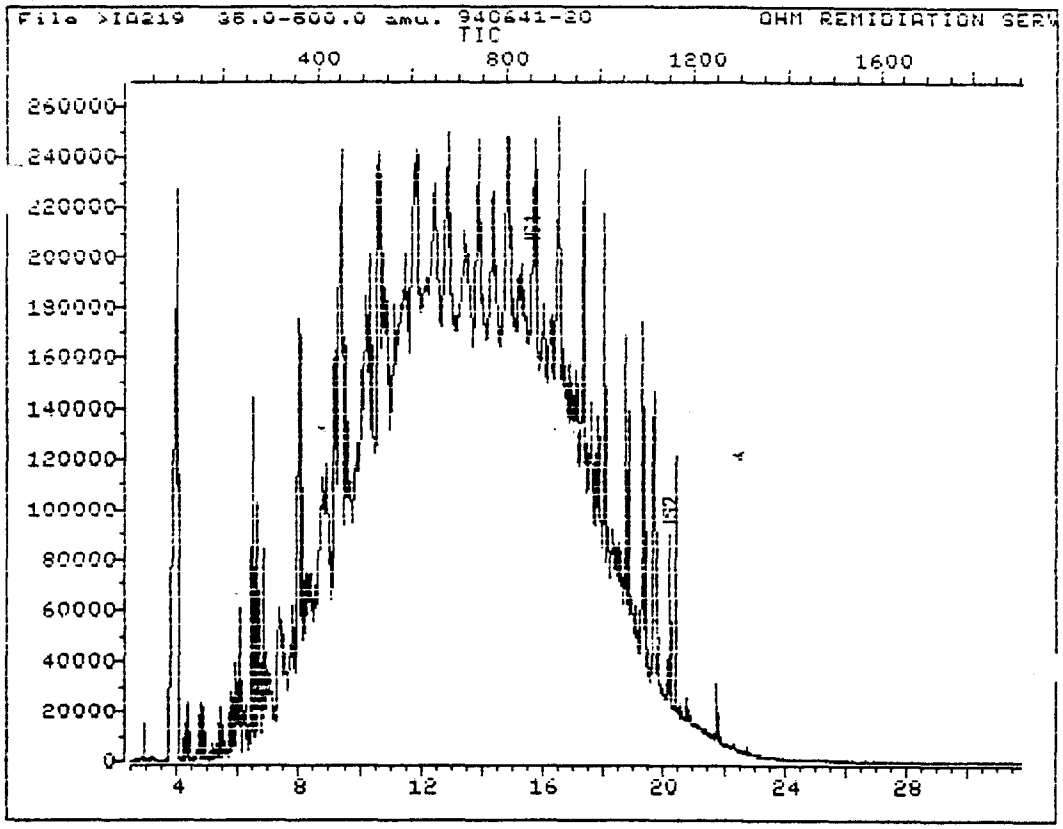
Pk #	RT	Area	Code	MASSng	Name
1	17.66	18175	BB	.004	ENDRIN
2	18.22	31141	BB	.003	
3	19.69	109218	BB	.031	4,4'-DDD
4	20.33	108999	BB	.034	4,4'-DDT

Total Area: 267532

7-25-94

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1818 24Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA219::D7 Quant Output File: ^IA219::QT
Name: 940641-20 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS22 SOIL LP BTL# 8

Id File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

Operator ID: BNA11
Quant Time : 940726 19:13
Injected at: 940726 00:30

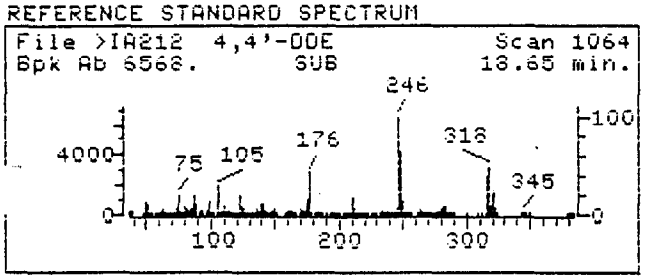
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:13
Output File: ^IA219::QT Injected at: 940726 00:30
Data File: >IA219::D7 Dilution Factor: 1.00000
Name: 940641-20 Instrument ID: MS9
M c: OHM REMIDIATION SERVICE CLJ2-CSS22 SOIL LP BTL# 8

ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

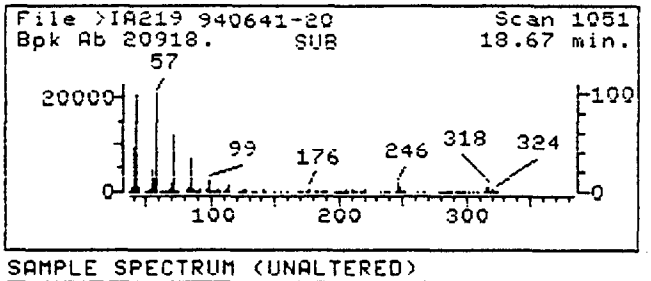
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.59	188.0	35644	20.00	ug/L	100
12)	*d12-Chrysene	20.17	240.0	35292	20.00	ug/L	100
13)	4,4'-DDE	18.67	246.0	2421	4.46	ug/L	96
14)	Dieldrin	18.72	79.0	1323	2.67	ug/L	100
17)	4,4'-DDD	19.25	235.0	102100	122.24	ug/L	89
20)	4,4'-DDT	19.64	235.0	124593	167.19	ug/L	85
22)	Methoxychlor	20.14	227.0	276	.208	ug/L	100

* Compound is ISTD

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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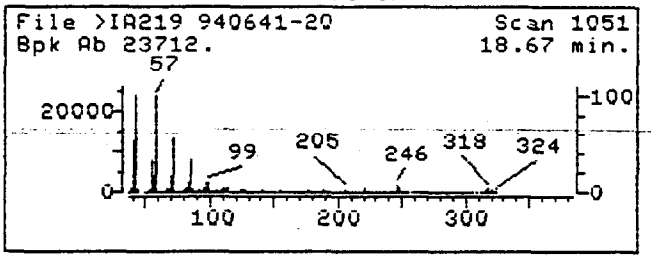
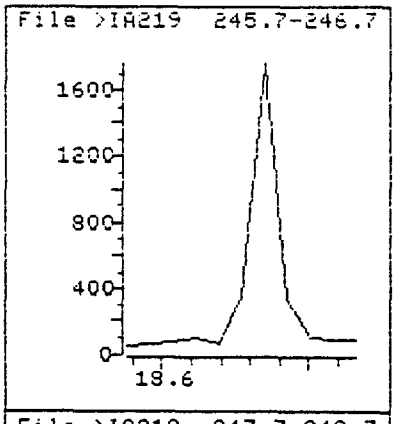
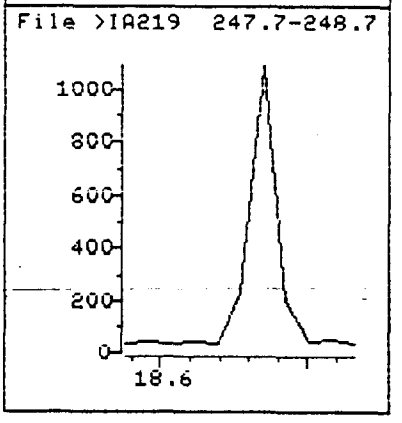


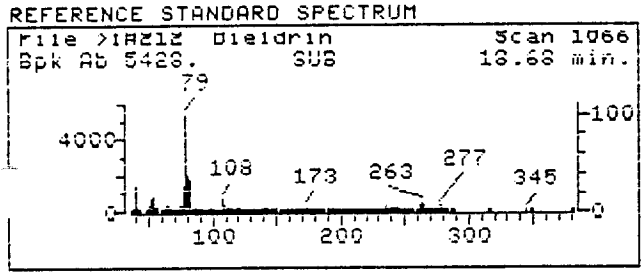




Data File: >IA219::D7 Quant Output File: ^IA219::QT
Name: 940641-20 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS22 SOIL LP BTL# 8
Quant Time: 940726 19:13 Quant ID File: PESTI2::SC
Injected at: 940726 00:30 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1051
Retention Time: 18.67 min.
Quant Ion : 246.0
Area : 2421
Concentration : 4.46 ug/L
q-value : 96

REFERENCE STANDARD SPECTRUM



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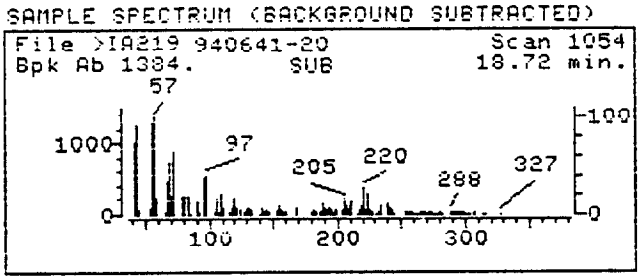

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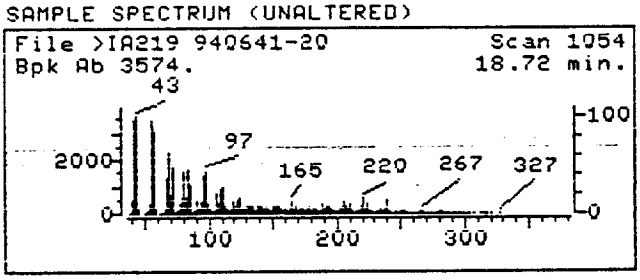
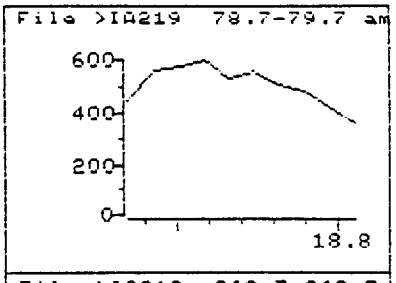
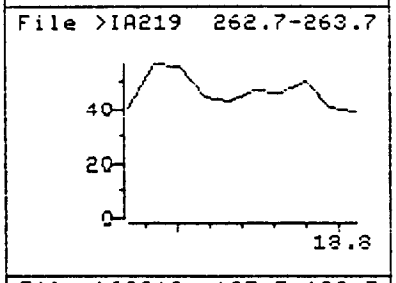
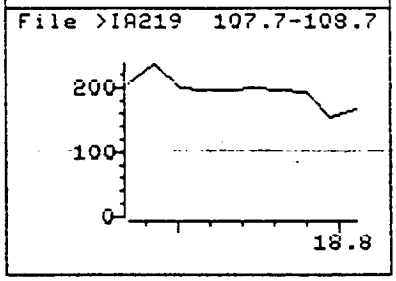




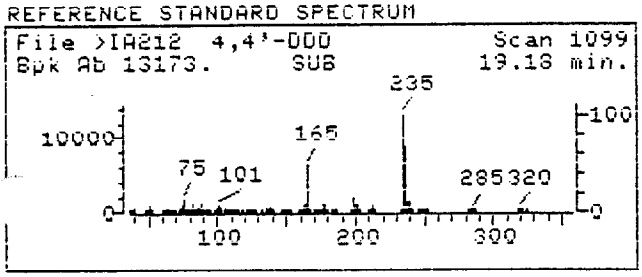




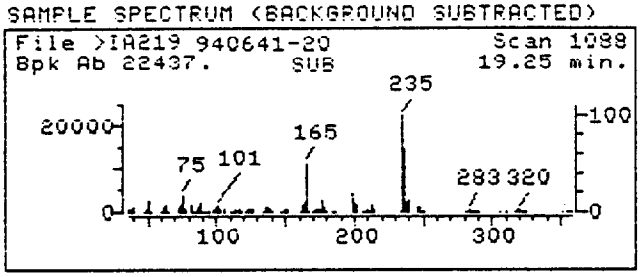
Data File: >IA219::D7 Quant Output File: ^IA219::QT
Name: 940641-20 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS22 SOIL LP BTL# 8
Quant Time: 940726 19:13 Quant ID File: PESTI2::SC
Injected at: 940726 00:30 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 14
Compound Name : Dieldrin
Scan Number : 1054
Retention Time: 18.72 min.
Quant Ion : 79.0
Area : 1323
Concentration : 2.67 ug/L
q-value : 100

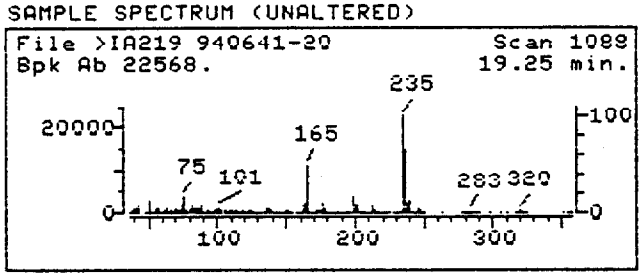
REFERENCE STANDARD SPECTRUM

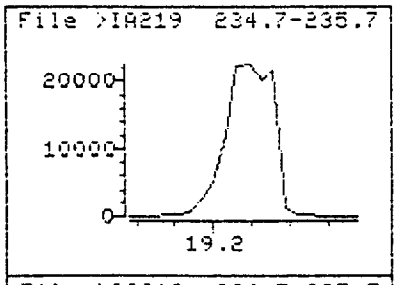


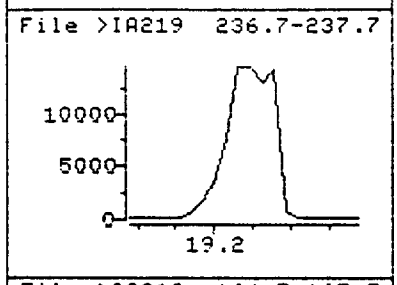
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

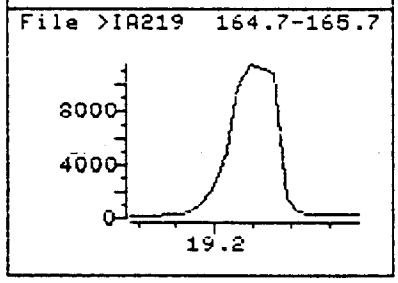


SAMPLE SPECTRUM (UNALTERED)







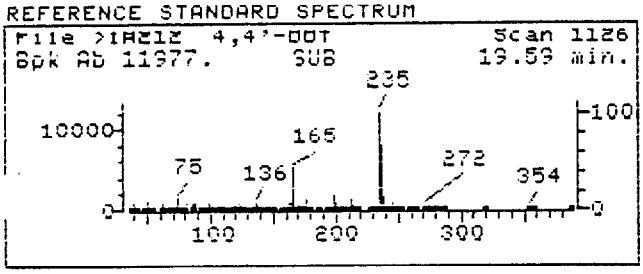


Data File: >IA219::D7 Quant Output File: ^IA219::QT
Name: 940641-20 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS22 SOIL LP BTL# 8
Quant Time: 940726 19:13 Quant ID File: PESTI2::SC
Injected at: 940726 00:30 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

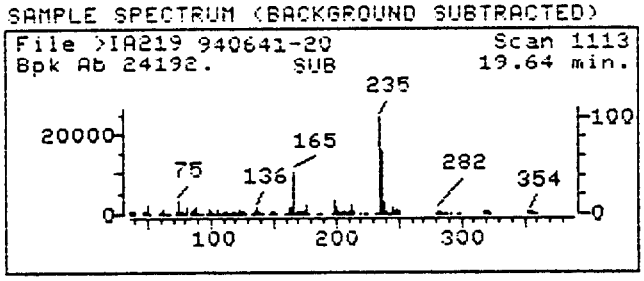
Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1088
Retention Time: 19.25 min.
Quant Ion : 235.0
Area : 102100
Concentration : 122.24 ug/L
q-value : 89

11 A

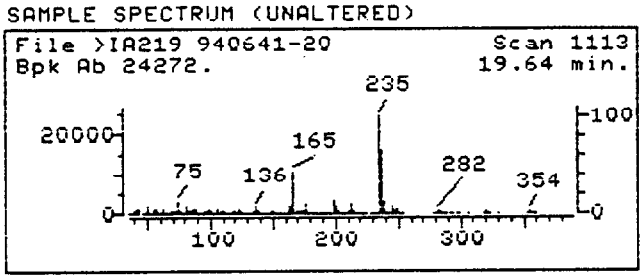
REFERENCE STANDARD SPECTRUM

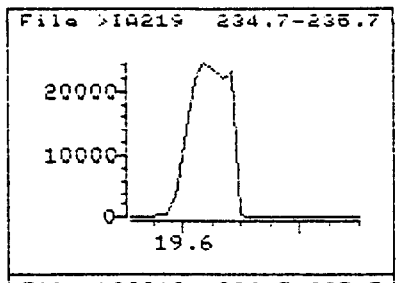


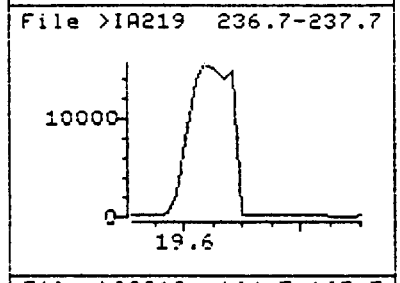
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

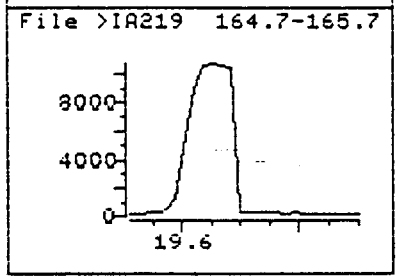


SAMPLE SPECTRUM (UNALTERED)





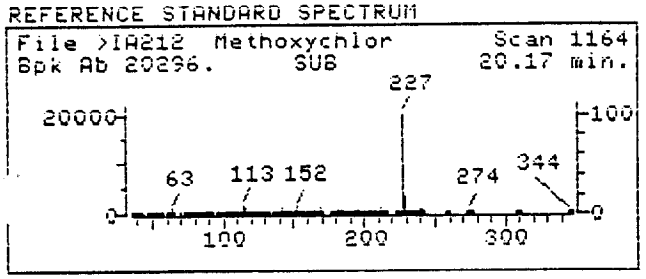




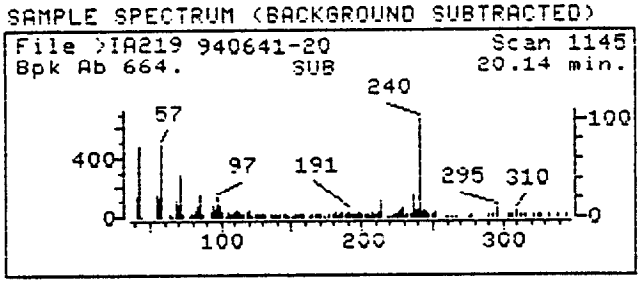
Data File: >IA219::D7 Quant Output File: ^IA219::QT
Name: 940641-20 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS22 SOIL LP BTL# 8
Quant Time: 940726 19:13 Quant ID File: PESTI2::SC
Injected at: 940726 00:30 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1113
Retention Time: 19.64 min.
Quant Ion : 235.0
Area : 124593
Concentration : 167.19 ug/L
q-value : 85

REFERENCE STANDARD SPECTRUM



SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



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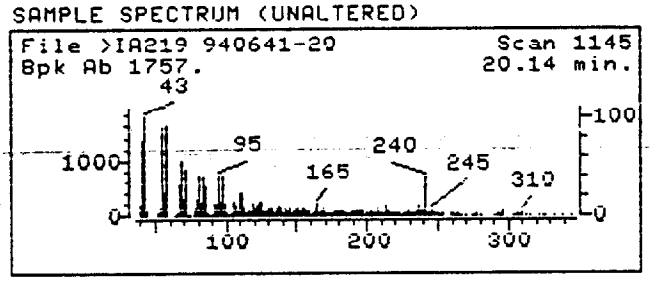
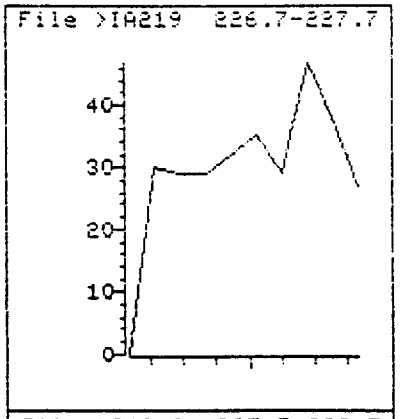
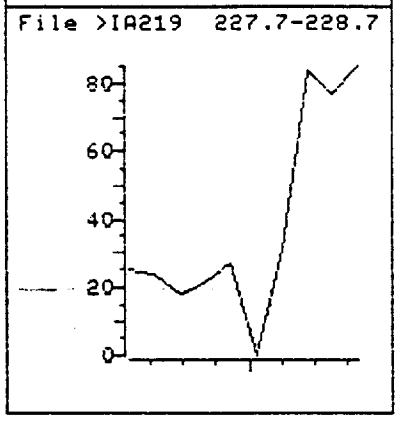






Data File: >IA219::D7 Quant Output File: ^IA219::QT
Name: 940641-20 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS22 SOIL LP BTL# 8
Quant Time: 940726 19:13 Quant ID File: PESTI2::SC
Injected at: 940726 00:30 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 22
Compound Name : Methoxychlor
Scan Number : 1145
Retention Time: 20.14 min.
Quant Ion : 227.0
Area : 276
Concentration : .208 ug/L
q-value : 100

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CLJ2CSS12D

Lab Name: CEIMIC CORP Contract: OHM

b Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Matrix: (soil/water) SOIL Lab Sample ID: 940641-10

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 11 decanted: (Y/N) N Date Received: 07/21/94

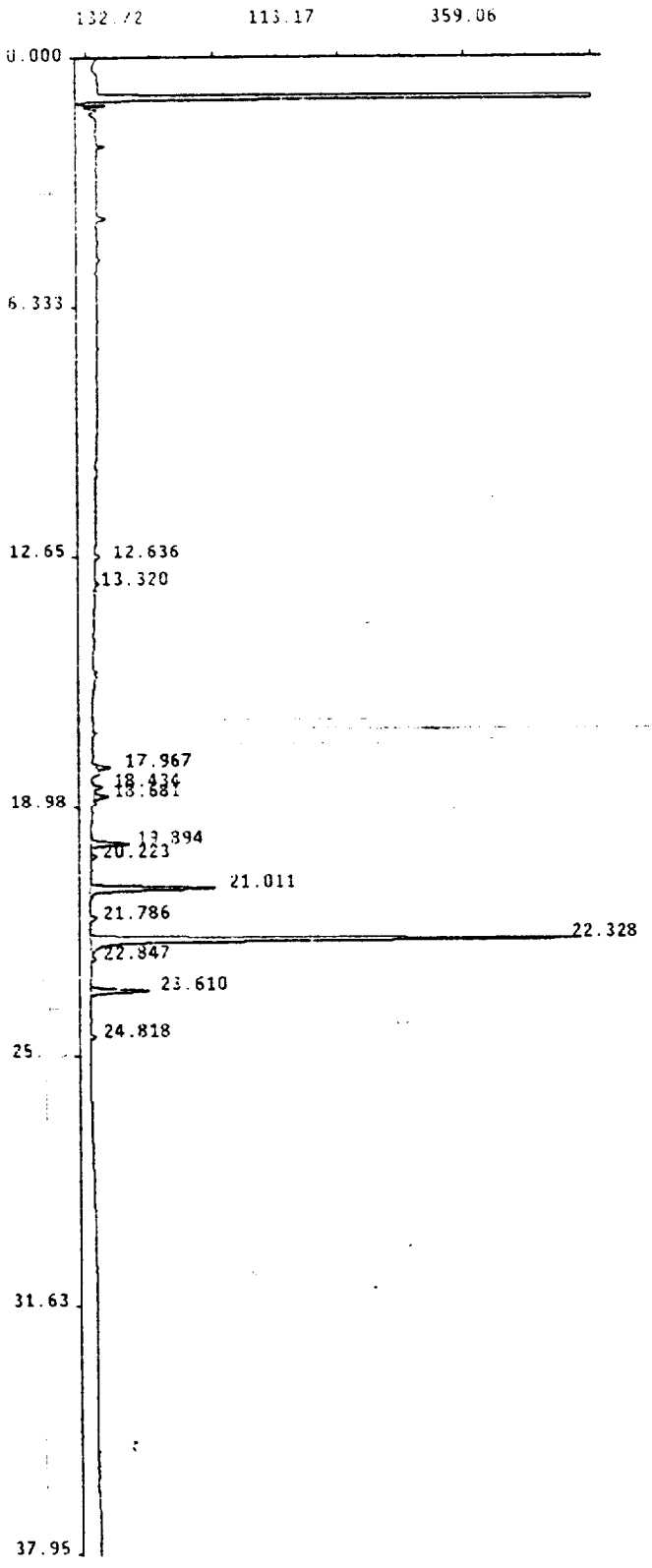
Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 07/21/94

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/94

Injection Volume: 1.00 (uL) Dilution Factor: 2000

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3800	U
319-85-7	beta-BHC	3800	U
319-86-8	delta-BHC	3800	U
58-89-9	gamma-BHC (Lindane)	3800	U
76-44-8	Heptachlor	3800	U
309-00-2	Aldrin	3800	U
1024-57-3	Heptachlor epoxide	3800	U
959-98-8	Endosulfan I	3800	U
60-57-1	Dieldrin	7400	U
72-55-9	4,4'-DDE	2400	J
72-20-8	Endrin	7400	U
33213-65-9	Endosulfan II	7400	U
72-54-8	4,4'-DDD	51000	
1031-07-8	Endosulfan sulfate	7400	U
50-29-3	4,4'-DDT	4100	J
72-43-5	Methoxychlor	38000	U
53494-70-5	Endrin ketone	7400	U
7421-93-4	Endrin aldehyde	7400	U
5103-71-9	alpha-Chlordane	680	JP
5103-74-2	gamma-Chlordane	600	JP
8001-35-2	Toxaphene	380000	U
12674-11-2	Aroclor-1016	74000	U
11104-28-2	Aroclor-1221	150000	U
11141-16-5	Aroclor-1232	74000	U
53469-21-9	Aroclor-1242	74000	U
12672-29-6	Aroclor-1248	74000	U
11097-69-1	Aroclor-1254	74000	U
11096-82-5	Aroclor-1260	74000	U



Ceimic Corporation Pest/PCB Report

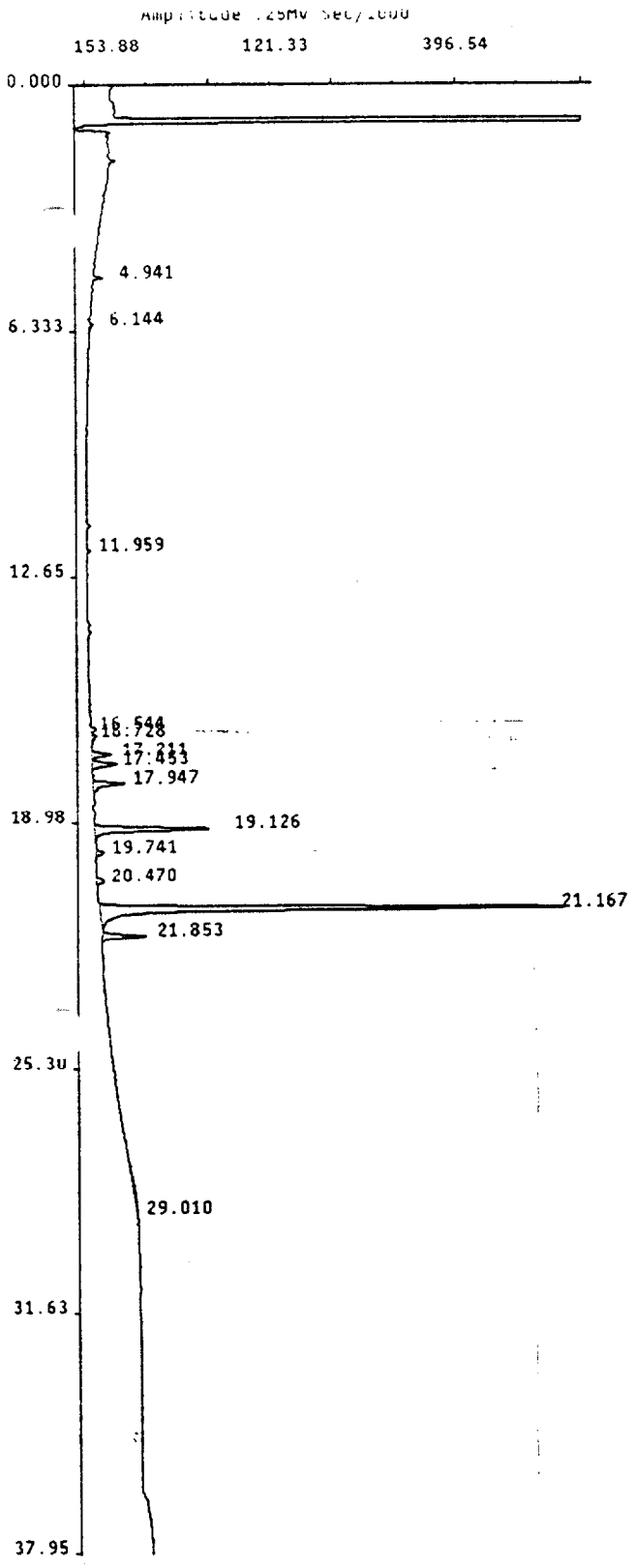
Sample Name : CLJ2-CSS12(D) 1:2000
Lab Id : 940641-10
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL050.RES
Inject Time : 0203 26Jul1994
Run Status : RunStatusOK
EndOffBaseline
NoReference

7-26-94

Pk #	RT	Area	Code	MASSng	Name
1	12.64	2797	BB	.001	
2	13.32	2421	BB	.000	HEPTACHLOR
3	17.97	8451	BB	.001	G. CHLORDANE (B.Chlordane)
4	18.43	5115	BB	.001	
5	18.68	8620	BB	.001	A. CHLORDANE (A.Chlordane)
6	19.89	26402	BB	.003	4,4'-DDE
7	20.22	3694	BB	.001	
8	21.01	88374	BB	.019	
9	21.79	4748	BB	.001	
10	22.33	349210	BB	.068	4,4'-DDD
11	22.85	2573	BB	.001	
12	23.61	39602	BB	.006	4,4'-DDT
13	24.82	3900	BB	.001	

Total Area: 545906

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0936 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : CLJ2-CSS12(D) 1:2000
Lab Id : 940641-10
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL050.RES
Inject Time : 0203 26Jul1994
Run Status : RunStatusOK
EndOffBaseline
NoReference

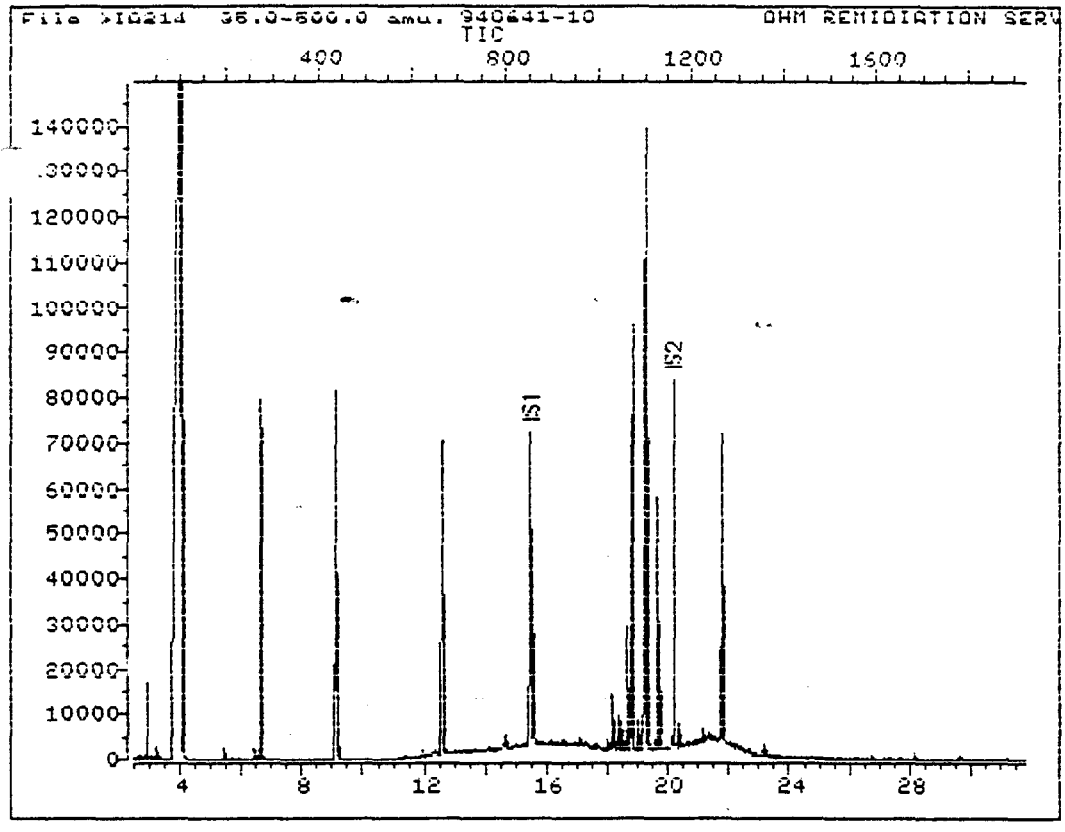
7-26-94

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4299	VB	.001	
2	6.14	2110	BB	.000	
3	11.96	2542	BB	.000	HEPTACHLOR
4	16.54	3822	BB	.001	
5	16.73	5000	BB	.001	
6	17.21	13259	BB	.001	G. CHLORDANE (G.Chlordan-)
7	17.45	21720	BB	.002	A. CHLORDANE (A.Chlordane)
8	17.95	27736	BB	.003	4,4'-DDE
9	19.13	97204	BB	.021	
10	19.74	5749	BB	.001	
11	20.47	6167	BB	.001	
12	21.17	389128	BB	.070	4,4'-DDD
13	21.85	32810	BB	.006	4,4'-DDT
14	29.01	10185	BB	.002	

Total Area: 621732

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0940 26Jul1994

TOTAL ION CHROMATOGRAM



Data File: >IA214::D7 Quant Output File: ^IA214::QT
Name: 940641-10 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12(D) SOIL LP BTL# 3

Id File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

Operator ID: BNA11
Quant Time : 940726 19:08
Injected at: 940725 21:07

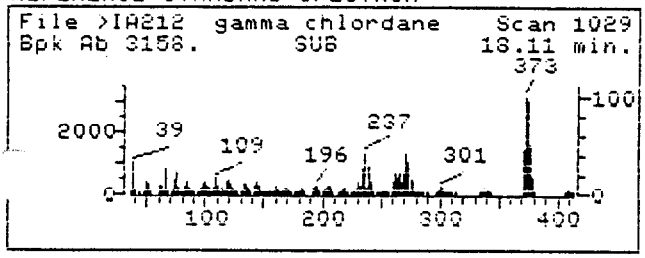
Operator ID: BNA11 Quant Rev: 7 Quant Time: 940726 19:08
Output File: ^IA214::QT Injected at: 940725 21:07
Data File: >IA214::D7 Dilution Factor: 1.00000
Name: 940641-10 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12(D) SOIL LP BTL# 3

ID File: PESTI2::SC
Title: PESTICIDE ON DB-5 CAPILLARY COLUMN, 40(3), 8/MIN, 290(10)
Last Calibration: 870609 15:52 Last Qcal Time: 940725 19:46

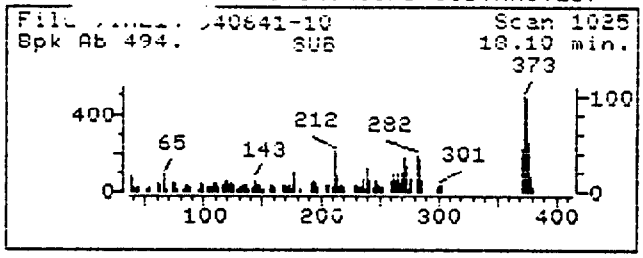
	Compound	R.T.	Q ion	Area	Conc	Units	q
1)	*d10-Phenanthrene	15.45	188.0	72486	20.00	ug/L	100
9)	gamma chlordane (trans)	18.10	373.0	750	1.70	ug/L	80
11)	alpha chlordane (cis)	18.33	373.0	621	1.59	ug/L	82
12)	*d12-Chrysene	20.14	240.0	59402	20.00	ug/L	100
13)	4,4'-DDE	18.64	246.0	5189	5.67	ug/L	99
17)	4,4'-DDD	19.21	235.0	88726	63.11	ug/L	88
20)	4,4'-DDT	19.59	235.0	16706	13.32	ug/L	82

* Compound is ISTD

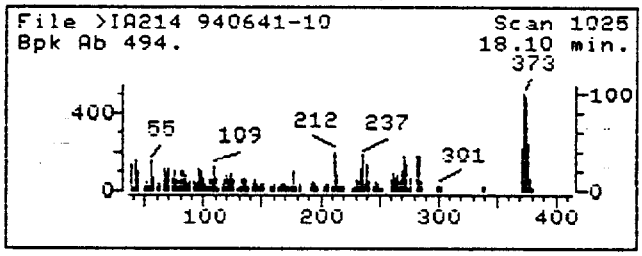
REFERENCE STANDARD SPECTRUM

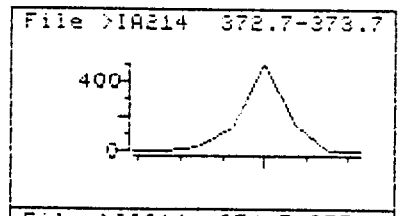


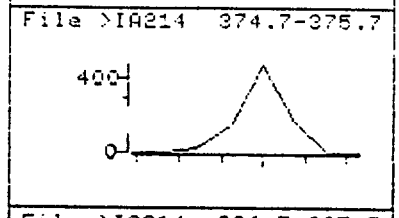
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

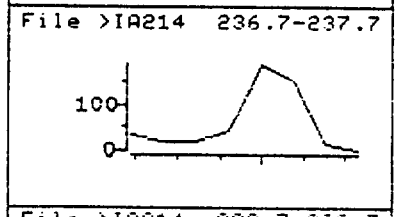


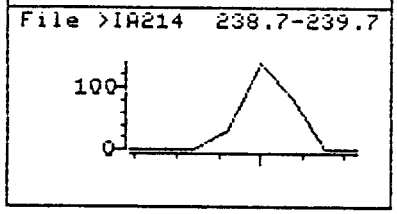
SAMPLE SPECTRUM (UNALTERED)







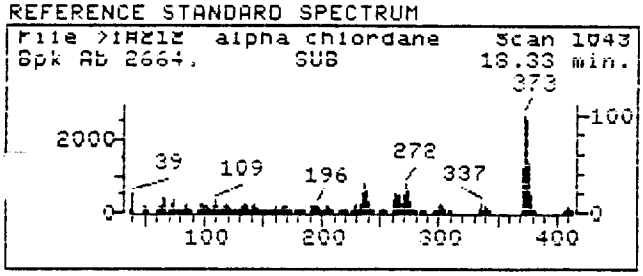




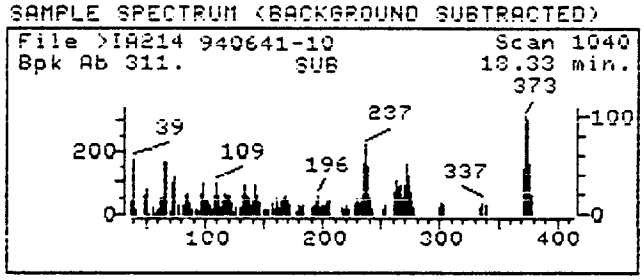
Data File: >IA214::D7 Quant Output File: ^IA214::QT
Name: 940641-10 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12(D) SOIL LP BTL# 3
Quant Time: 940726 19:08 Quant ID File: PESTI2::SC
Injected at: 940725 21:07 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 9
Compound Name : gamma chlordane (trans)
Scan Number : 1025
Retention Time: 18.10 min.
Quant Ion : 373.0
Area : 750
Concentration : 1.70 ug/L
q-value : 80

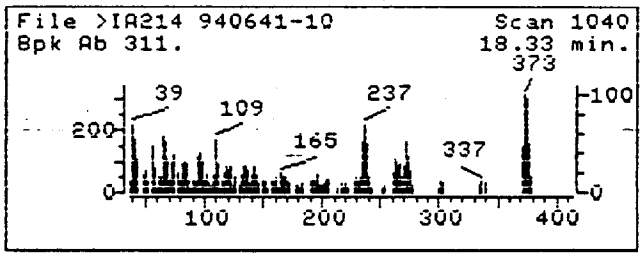
REFERENCE STANDARD SPECTRUM

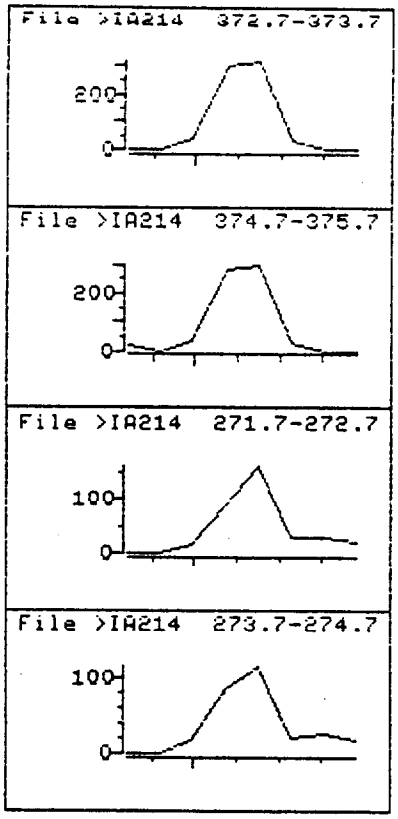


SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)

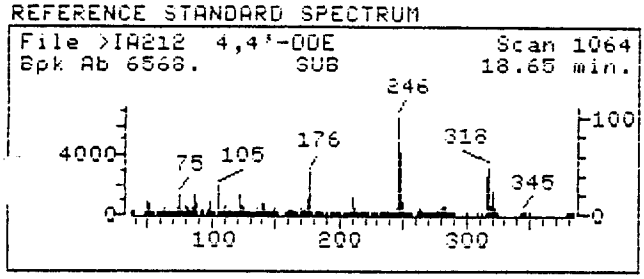




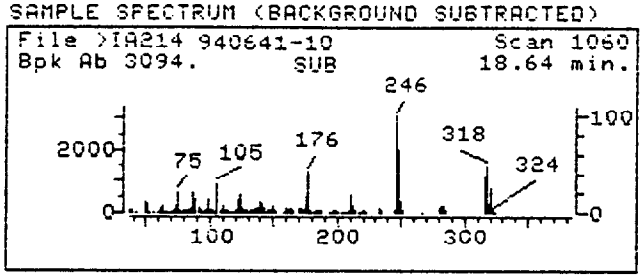
Data File: >IA214::D7 Quant Output File: ^IA214::QT
Name: 940641-10 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12(D) SOIL LP BTL# 3
Quant Time: 940726 19:08 Quant ID File: PESTI2::SC
Injected at: 940725 21:07 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 11
Compound Name : alpha chlordane (cis)
Scan Number : 1040
Retention Time: 18.33 min.
Quant Ion : 373.0
Area : 621
Concentration : 1.59 ug/L
q-value : 82

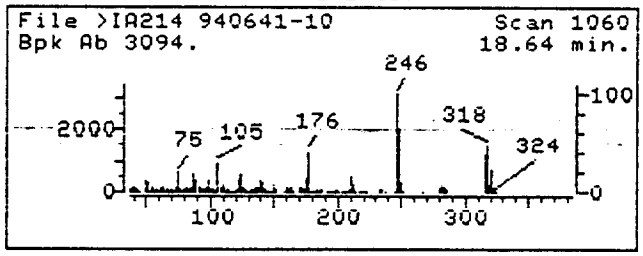
REFERENCE STANDARD SPECTRUM

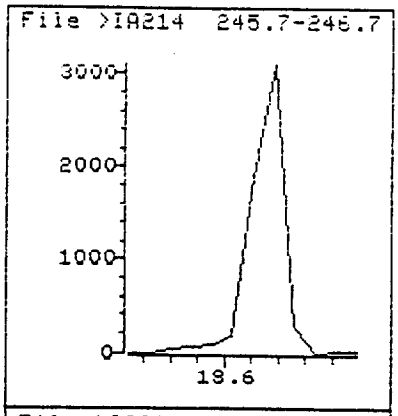


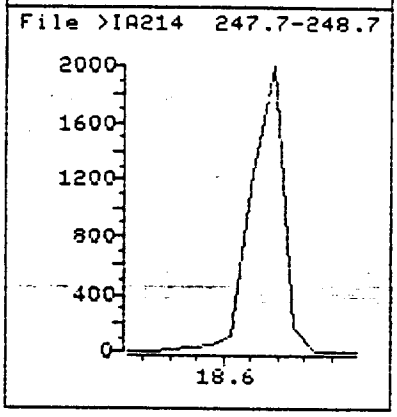
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)



SAMPLE SPECTRUM (UNALTERED)



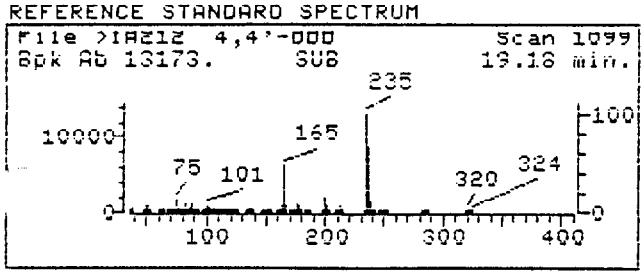




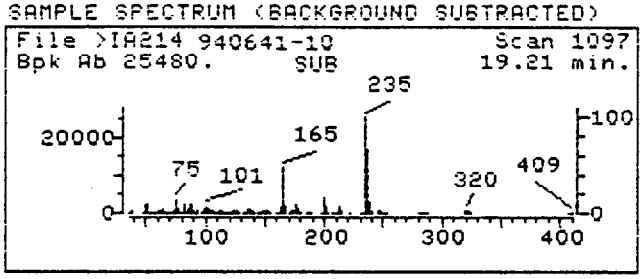
Data File: >IA214::D7 Quant Output File: ^IA214::QT
Name: 940641-10 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12(D) SOIL LP BTL# 3
Quant Time: 940726 19:08 Quant ID File: PESTI2::SC
Injected at: 940725 21:07 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 13
Compound Name : 4,4'-DDE
Scan Number : 1060
Retention Time: 18.64 min.
Quant Ion : 246.0
Area : 5189
Concentration : 5.67 ug/L
q-value : 99

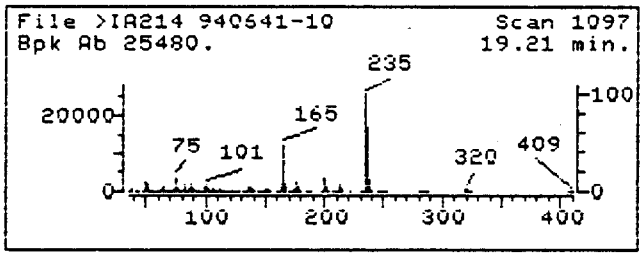
REFERENCE STANDARD SPECTRUM

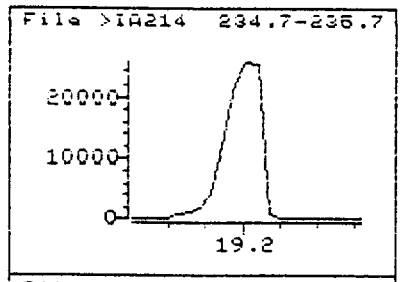


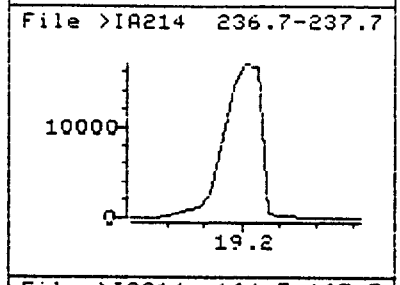
SAMPLE SPECTRUM (BACKGROUND SUBTRACTED)

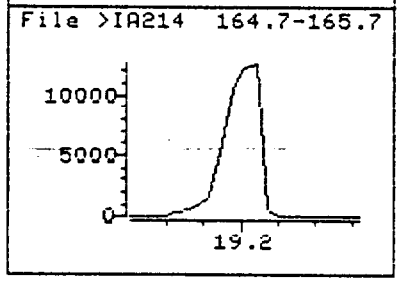


SAMPLE SPECTRUM (UNALTERED)







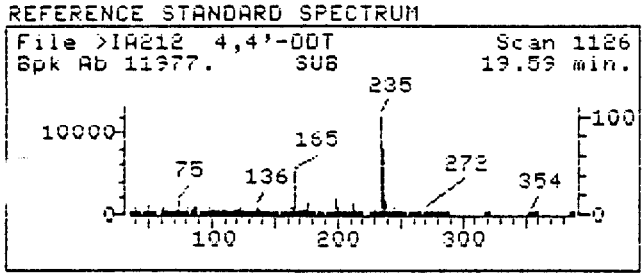


Data File: >IA214::D7 Quant Output File: ^IA214::QT
Name: 940641-10 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12(D) SOIL LP BTL# 3
Quant Time: 940726 19:08 Quant ID File: PESTI2::SC
Injected at: 940725 21:07 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 17
Compound Name : 4,4'-DDD
Scan Number : 1097
Retention Time: 19.21 min.
Quant Ion : 235.0
Area : 88726
Concentration : 63.11 ug/L
q-value : 88

d.

REFERENCE STANDARD SPECTRUM



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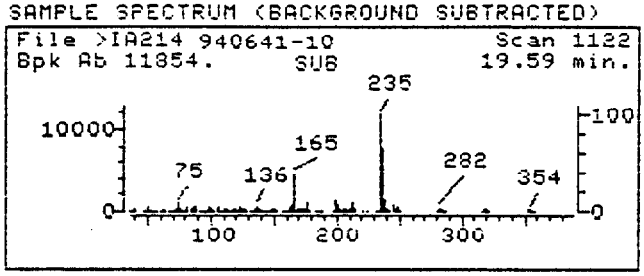
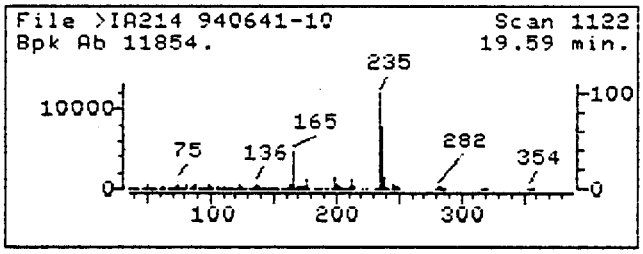
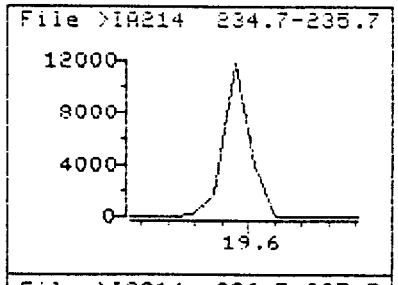
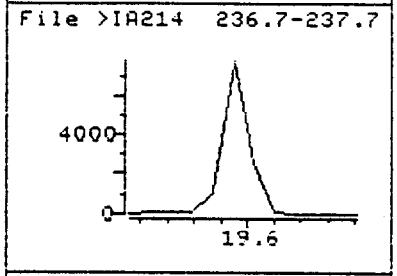
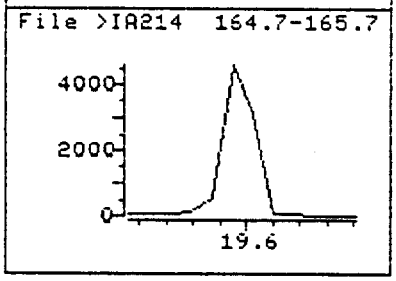


SAMPLE SPECTRUM (UNALTERED)









Data File: >IA214::D7 Quant Output File: ^IA214::QT
Name: 940641-10 Instrument ID: MS9
Misc: OHM REMIDIATION SERVICE CLJ2-CSS12(D) SOIL LP BTL# 3
Quant Time: 940726 19:08 Quant ID File: PESTI2::SC
Injected at: 940725 21:07 Last Calibration: 870609 15:52
Last Qcal Time: 940725 19:46

Compound No : 20
Compound Name : 4,4'-DDT
Scan Number : 1122
Retention Time: 19.59 min.
Quant Ion : 235.0
Area : 16706
Concentration : 13.32 ug/L
q-value : 82

PESTICIDES/PCBS

c. Standards Data

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

ab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD6 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	12.08	12.08	12.07	12.08	12.03	12.13
beta-BHC	14.21	14.22	14.22	14.22	14.17	14.27
delta-BHC	15.89	15.90	15.90	15.90	15.85	15.95
gamma-BHC (Lindane)	13.88	13.88	13.88	13.88	13.83	13.93
Heptachlor	15.36	15.36	15.36	15.36	15.31	15.41
Aldrin	16.87	16.87	16.87	16.87	16.82	16.92
Heptachlor epoxide	19.44	19.44	19.44	19.44	19.37	19.51
Endosulfan I	21.03	21.03	21.02	21.03	20.96	21.10
Dieldrin	22.41	22.41	22.40	22.41	22.34	22.48
4,4'-DDE	22.06	22.06	22.07	22.06	21.99	22.13
Endrin	24.05	24.05	24.04	24.05	23.98	24.12
Endosulfan II	24.85	24.85	24.86	24.85	24.78	24.92
4,4'-DDD	24.54	24.54	24.52	24.53	24.46	24.60
Endosulfan sulfate	26.84	26.84	26.86	26.85	26.78	26.92
4,4'-DDT	25.86	25.86	25.84	25.85	25.78	25.92
Methoxychlor	29.78	29.77	29.75	29.77	29.70	29.84
Endrin ketone	30.43	30.43	30.45	30.44	30.37	30.51
Endrin aldehyde	26.31	26.30	26.32	26.31	26.24	26.38
alpha Chlordane	20.90	20.90	20.91	20.90	20.83	20.97
gamma Chlordane	20.17	20.17	20.18	20.17	20.10	20.24
Tetrachloro-m-xylene	8.97	8.97	8.96	8.97	8.92	9.02
Decachlorobiphenyl	37.79	37.80	37.76	37.78	37.68	37.88

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD9 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	10.24	10.24	10.24	10.24	10.19	10.29
beta-BHC	12.30	12.32	12.30	12.31	12.26	12.36
delta-BHC	13.88	13.88	13.88	13.88	13.83	13.93
gamma-BHC (Lindane)	11.94	11.93	11.94	11.94	11.89	11.99
Heptachlor	13.32	13.32	13.32	13.32	13.27	13.37
Aldrin	14.74	14.74	14.74	14.74	14.69	14.79
Heptachlor epoxide	17.24	17.25	17.24	17.24	17.17	17.31
Endosulfan I	18.77	18.77	18.77	18.77	18.70	18.84
Dieldrin	20.12	20.12	20.12	20.12	20.05	20.19
4,4'-DDE	19.90	19.90	19.89	19.90	19.83	19.97
Endrin	21.70	21.70	21.70	21.70	21.63	21.77
Endosulfan II	22.51	22.51	22.51	22.51	22.44	22.58
4,4'-DDD	22.34	22.33	22.32	22.33	22.26	22.40
Endosulfan sulfate	24.50	24.50	24.49	24.50	24.43	24.57
4,4'-DDT	23.62	23.61	23.61	23.61	23.54	23.68
Methoxychlor	27.42	27.41	27.41	27.41	27.34	27.48
Endrin ketone	27.76	27.76	27.76	27.76	27.69	27.83
Endrin aldehyde	23.96	23.95	23.95	23.95	23.88	24.02
alpha Chlordane	18.68	18.68	18.68	18.68	18.61	18.75
gamma Chlordane	17.97	17.97	17.96	17.97	17.90	18.04
Tetrachloro-m-xylene	7.38	7.38	7.38	7.38	7.33	7.43
Decachlorobiphenyl	33.72	33.71	33.71	33.71	33.61	33.81

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD7 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	8.34	8.34	8.34	8.34	8.29	8.39
beta-BHC	12.97	12.97	12.97	12.97	12.92	13.02
delta-BHC	13.85	13.86	13.86	13.86	13.81	13.91
gamma-BHC (Lindane)	9.85	9.85	9.84	9.85	9.80	9.90
Heptachlor	10.60	10.60	10.60	10.60	10.55	10.65
Aldrin	11.65	11.65	11.65	11.65	11.60	11.70
Heptachlor epoxide	14.39	14.39	14.39	14.39	14.32	14.46
Endosulfan I	15.43	15.43	15.43	15.43	15.36	15.50
Dieldrin	16.94	16.94	16.94	16.94	16.87	17.01
4,4'-DDE	16.46	16.46	16.46	16.46	16.39	16.53
Endrin	17.73	17.73	17.72	17.73	17.66	17.80
Endosulfan II	19.76	19.76	19.76	19.76	19.69	19.83
4,4'-DDD	19.69	19.69	19.68	19.69	19.62	19.76
Endosulfan sulfate	22.71	22.71	22.72	22.71	22.64	22.78
4,4'-DDT	20.33	20.33	20.32	20.33	20.26	20.40
Methoxychlor	22.91	22.91	22.90	22.91	22.84	22.98
Endrin ketone	24.24	24.25	24.25	24.25	24.18	24.32
Endrin aldehyde	21.46	21.46	21.46	21.46	21.39	21.53
alpha Chlordane	15.96	15.96	15.96	15.96	15.89	16.03
gamma Chlordane	15.74	15.74	15.74	15.74	15.67	15.81
Tetrachloro-m-xylene	5.20	5.20	5.20	5.20	5.15	5.25
Decachlorobiphenyl	27.45	27.45	27.44	27.45	27.35	27.55

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD8 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	9.50	9.50	9.51	9.50	9.45	9.55
beta-BHC	14.18	14.18	14.18	14.18	14.13	14.23
delta-BHC	15.14	15.14	15.14	15.14	15.09	15.19
gamma-BHC (Lindane)	11.09	11.08	11.09	11.09	11.04	11.14
Heptachlor	11.96	11.96	11.96	11.96	11.91	12.01
Aldrin	13.08	13.08	13.08	13.08	13.03	13.13
Heptachlor epoxide	15.84	15.84	15.84	15.84	15.77	15.91
Endosulfan I	16.95	16.95	16.95	16.95	16.88	17.02
Dieldrin	18.47	18.47	18.47	18.47	18.40	18.54
4,4'-DDE	17.95	17.95	17.94	17.95	17.88	18.02
Endrin	19.29	19.29	19.29	19.29	19.22	19.36
Endosulfan II	21.28	21.28	21.28	21.28	21.21	21.35
4,4'-DDD	21.18	21.17	21.16	21.17	21.10	21.24
Endosulfan sulfate	24.20	24.21	24.20	24.20	24.13	24.27
4,4'-DDT	21.86	21.85	21.85	21.85	21.78	21.92
Methoxychlor	24.41	24.40	24.39	24.40	24.33	24.47
Endrin ketone	25.82	25.82	25.82	25.82	25.75	25.89
Endrin aldehyde	22.95	22.95	22.95	22.95	22.88	23.02
alpha Chlordane	17.44	17.44	17.44	17.44	17.37	17.51
gamma Chlordane	17.21	17.21	17.21	17.21	17.14	17.28
Tetrachloro-m-xylene	6.21	6.21	6.21	6.21	6.16	6.26
Decachlorobiphenyl	29.21	29.20	29.20	29.20	29.10	29.30

* Surrogate retention times are measured from Standard Mix A analyses

Retention time windows are +/- 0.05 minutes for all compounds that elute before Heptachlor epoxide, +/- 0.07 minutes for all other compounds, except +/- 0.10 minutes for Decachlorobiphenyl.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD6 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	2050000	1980000	2070000	2030000	2.3
beta-BHC	1860000	1910000	1720000	1830000	5.4
delta-BHC	1760000	1750000	1650000	1720000	3.5
gamma-BHC (Lindane)	2190000	2120000	2230000	2180000	2.6
Heptachlor	3630000	3600000	3570000	3600000	0.8
Aldrin	2990000	3030000	3200000	3070000	3.6
Heptachlor epoxide	3230000	3200000	3020000	3150000	3.6
Endosulfan I	2650000	2560000	2560000	2590000	2.0
Dieldrin	2600000	2670000	3290000	2850000	13.3
4,4'-DDE	2650000	2750000	3280000	2890000	11.7
Endrin	2280000	2340000	2850000	2490000	12.6
Endosulfan II	2030000	1970000	1780000	1930000	6.8
4,4'-DDD	2050000	2030000	2190000	2090000	4.2
Endosulfan sulfate	2500000	2580000	2650000	2580000	2.9
4,4'-DDT	1980000	2170000	2630000	2260000	14.8
Methoxychlor	1380000	1470000	1410000	1420000	3.2
Endrin ketone	1770000	1790000	1600000	1720000	6.1
Endrin aldehyde	1500000	1510000	1370000	1460000	5.4
alpha Chlordane	3910000	3980000	3880000	3920000	1.3
gamma Chlordane	4000000	3960000	3850000	3940000	2.0
Tetrachloro-m-xylene	3520000	3540000	3790000	3620000	4.2
Decachlorobiphenyl	4610000	4370000	4100000	4360000	5.9

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD9 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB608 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	6740000	6600000	7870000	7070000	9.8
beta-BHC	5740000	5970000	5320000	5680000	5.8
delta-BHC	5770000	6380000	6220000	6120000	5.2
gamma-BHC (Lindane)	7080000	7790000	7930000	7600000	6.0
Heptachlor	10300000	10400000	10200000	10300000	1.0
Aldrin	7890000	8620000	8830000	8450000	5.8
Heptachlor epoxide	8160000	8960000	8070000	8400000	5.8
Endosulfan I	6800000	6810000	6900000	6840000	0.8
Dieldrin	6480000	6980000	7680000	7050000	8.6
4,4'-DDE	7130000	8050000	8070000	7750000	6.9
Endrin	5440000	5970000	6470000	5960000	8.6
Endosulfan II	5420000	5720000	5080000	5410000	5.9
4,4'-DDD	4840000	5160000	5410000	5140000	5.6
Endosulfan sulfate	6060000	6810000	6430000	6430000	5.8
4,4'-DDT	5490000	6150000	6830000	6160000	10.9
Methoxychlor	3490000	3710000	3250000	3480000	6.6
Endrin ketone	5210000	5690000	4900000	5270000	7.6
Endrin aldehyde	3960000	4400000	3720000	4030000	8.6
alpha Chlordane	9330000	9570000	9520000	9470000	1.3
gamma Chlordane	9610000	10600000	9650000	9950000	5.6
Tetrachloro-m-xylene	9910000	10400000	10300000	10200000	2.5
Decachlorobiphenyl	9860000	9810000	8730000	9470000	6.7

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: 2CSS03

Instrument ID: AD7 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/06/94 07/06/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	3680000	3610000	3940000	3740000	4.6
beta-BHC	3110000	3100000	2860000	3020000	4.7
delta-BHC	3000000	3070000	3070000	3050000	1.3
gamma-BHC (Lindane)	3930000	3940000	4250000	4040000	4.5
Heptachlor	5640000	5440000	5410000	5500000	2.3
Aldrin	4780000	5020000	5550000	5120000	7.7
Heptachlor epoxide	4740000	4760000	4520000	4670000	2.8
Endosulfan I	4160000	4110000	4080000	4120000	1.0
Dieldrin	4010000	4200000	5050000	4420000	12.5
4,4'-DDE	4390000	4790000	5610000	4930000	12.6
Endrin	3920000	4130000	4920000	4320000	12.2
Endosulfan II	3350000	3280000	3000000	3210000	5.8
4,4'-DDD	3520000	3480000	3650000	3550000	2.5
Endosulfan sulfate	3970000	4090000	4220000	4090000	3.1
4,4'-DDT	2730000	3180000	3870000	3260000	17.6
Methoxychlor	2040000	2100000	1870000	2000000	6.0
Endrin ketone	2720000	2850000	2510000	2690000	6.4
Endrin aldehyde	1670000	1670000	1560000	1630000	3.9
alpha Chlordane	5180000	5180000	5230000	5200000	0.6
gamma Chlordane	5330000	5310000	5250000	5300000	0.8
Tetrachloro-m-xylene	5840000	5930000	6360000	6040000	4.6
Decachlorobiphenyl	4640000	5510000	5470000	5210000	9.4

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD8 1 Level (x low): low 1.0 mid 4.0 high 16.0

GC Column: DB1701 ID: 0.53(mm) Date(s) Analyzed: 07/21/94 07/22/94

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	6510000	7040000	8870000	7470000	16.6
beta-BHC	5910000	6590000	6190000	6230000	5.5
delta-BHC	4780000	5790000	6190000	5590000	13.0
gamma-BHC (Lindane)	7220000	7940000	9590000	8250000	14.7
Heptachlor	12400000	12400000	13000000	12600000	2.7
Aldrin	9280000	10300000	10600000	10100000	6.9
Heptachlor epoxide	10600000	11900000	11000000	11200000	6.0
Endosulfan I	8710000	9260000	9580000	9180000	4.8
Dieldrin	8000000	8960000	9810000	8920000	10.2
4,4'-DDE	7600000	8780000	9290000	8560000	10.1
Endrin	7170000	8080000	8680000	7980000	9.5
Endosulfan II	6810000	7960000	7340000	7370000	7.8
4,4'-DDD	5170000	5570000	6220000	5650000	9.4
Endosulfan sulfate	6670000	8290000	7800000	7590000	11.0
4,4'-DDT	4850000	5930000	7060000	5950000	18.6
Methoxychlor	4040000	4250000	3790000	4030000	5.7
Endrin ketone	3990000	5370000	5300000	4890000	15.9
Endrin aldehyde	3850000	4340000	4410000	4200000	7.3
alpha Chlordane	10700000	12000000	11300000	11300000	5.7
gamma Chlordane	11000000	12300000	11700000	11700000	5.6
Tetrachloro-m-xylene	11300000	11600000	11400000	11400000	1.3
Decachlorobiphenyl	13600000	13400000	11500000	12800000	9.0

* Surrogate calibration factors are measured from Standard Mix A analyses

%RSD must be less than or equal 20.0% for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%. Up to two target compounds, but not surrogates, may have %RSD greater than 20.0% but less than or equal to 30.0%.

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD6_1 Date(s) Analyzed: 07/05/94 07/06/94

GC Column: DB608 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	18.19	18.12	18.26	12500
		*2	21.48	21.41	21.55	19600
		*3	24.20	24.13	24.27	29600
		4	24.50	24.43	24.57	52800
		5	28.54	28.47	28.61	49200
Aroclor 1016	0.100	*1	11.90	11.83	11.97	108000
		*2	13.80	13.73	13.87	269000
		*3	15.14	15.07	15.21	90000
		4	15.45	15.38	15.52	372000
		5	16.19	16.12	16.26	142000
Aroclor 1221	0.200	*1	7.85	7.78	7.92	51400
		*2	10.92	10.85	10.99	50100
		*3	11.60	11.53	11.67	38900
		4	11.90	11.83	11.97	124000
		5	13.73	13.66	13.80	36800
Aroclor 1232	0.100	*1	11.90	11.83	11.97	62700
		*2	13.79	13.72	13.86	59500
		*3	15.45	15.38	15.52	74200
		4				
		5				
Aroclor 1242	0.100	*1	13.80	13.73	13.87	228000
		*2	15.45	15.38	15.52	310000
		*3	16.19	16.12	16.26	118000
		4	18.37	18.30	18.44	127000
		5	19.81	19.74	19.88	119000
Aroclor 1248	0.100	*1	15.45	15.38	15.52	240000
		*2	18.93	18.86	19.00	51000
		*3	19.52	19.45	19.59	172000
		4	19.80	19.73	19.87	209000
		5	21.06	20.99	21.13	153000
Aroclor 1254	0.100	*1	20.18	20.11	20.25	178000
		*2	20.44	20.37	20.51	212000
		*3	22.77	22.70	22.84	219000
		4	23.27	23.20	23.34	155000
		5	25.83	25.76	25.90	172000
Aroclor 1260	0.100	*1	22.74	22.67	22.81	191000
		*2	23.54	23.47	23.61	382000
		*3	23.90	23.83	23.97	389000
		4	28.11	28.04	28.18	478000
		5	30.30	30.23	30.37	220000

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD9 1 Date(s) Analyzed: 07/21/94 07/21/94

GC Column: DB608 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	16.04	15.97	16.11	34300
		*2	21.93	21.86	22.00	60200
		*3	22.60	22.53	22.67	171000
		4	23.62	23.55	23.69	114000
		5	26.11	26.04	26.18	122000
Aroclor 1016	0.100	*1	10.09	10.02	10.16	308000
		*2	11.88	11.81	11.95	708000
		*3	13.46	13.39	13.53	1090000
		4	14.16	14.09	14.23	361000
		5	16.27	16.20	16.34	314000
Aroclor 1221	0.200	*1	9.18	9.11	9.25	152000
		*2	9.82	9.75	9.89	111000
		*3	10.09	10.02	10.16	349000
		4	11.85	11.78	11.92	102000
		5	13.46	13.39	13.53	57100
Aroclor 1232	0.100	*1	9.81	9.74	9.88	49500
		*2	10.08	10.01	10.15	193000
		*3	11.87	11.80	11.94	167000
		4	13.45	13.38	13.52	224000
		5	16.26	16.19	16.33	65200
Aroclor 1242	0.100	*1	10.08	10.01	10.15	259000
		*2	11.87	11.80	11.94	594000
		*3	13.45	13.38	13.52	884000
		4	14.16	14.09	14.23	289000
		5	16.26	16.19	16.33	269000
Aroclor 1248	0.100	*1	11.87	11.80	11.94	261000
		*2	13.45	13.38	13.52	669000
		*3	16.26	16.19	16.33	331000
		4	17.40	17.33	17.47	330000
		5	17.67	17.60	17.74	411000
Aroclor 1254	0.100	*1	14.86	14.79	14.93	327000
		*2	18.02	17.95	18.09	427000
		*3	18.30	18.23	18.37	502000
		4	20.55	20.48	20.62	462000
		5	23.56	23.49	23.63	345000
Aroclor 1260	0.100	*1	21.32	21.25	21.39	838000
		*2	21.70	21.63	21.77	882000
		*3	25.26	25.19	25.33	401000
		4	25.84	25.77	25.91	1140000
		5	27.80	27.73	27.87	404000

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD7 1 Date(s) Analyzed: 07/05/94 07/06/94

GC Column: DB1701 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	13.58	13.51	13.65	18500
		*2	17.48	17.41	17.55	44300
		*3	19.50	19.43	19.57	111000
		4	21.03	20.96	21.10	56600
		5	22.38	22.31	22.45	86700
Aroclor 1016	0.100	*1	7.22	7.15	7.29	183000
		*2	8.60	8.53	8.67	377000
		*3	10.33	10.26	10.40	605000
		4	11.69	11.62	11.76	479000
		5	12.61	12.54	12.68	293000
Aroclor 1221	0.200	*1	4.17	4.10	4.24	114000
		*2	6.47	6.40	6.54	69000
		*3	7.22	7.15	7.29	220000
		4	9.14	9.07	9.21	34500
		5	10.33	10.26	10.40	33100
Aroclor 1232	0.100	*1	4.18	4.11	4.25	115000
		*2	7.22	7.15	7.29	109000
		*3	8.60	8.53	8.67	74400
		4	10.33	10.26	10.40	123000
		5	11.68	11.61	11.75	91300
Aroclor 1242	0.100	*1	8.60	8.53	8.67	321000
		*2	10.33	10.26	10.40	505000
		*3	11.68	11.61	11.75	400000
		4	12.61	12.54	12.68	248000
		5	14.20	14.13	14.27	377000
Aroclor 1248	0.100	*1	10.33	10.26	10.40	393000
		*2	11.68	11.61	11.75	558000
		*3	12.61	12.54	12.68	334000
		4	14.20	14.13	14.27	646000
		5	16.69	16.62	16.76	120000
Aroclor 1254	0.100	*1	14.17	14.10	14.24	426000
		*2	16.28	16.21	16.35	252000
		*3	16.69	16.62	16.76	348000
		4	17.70	17.63	17.77	261000
		5	19.60	19.53	19.67	362000
Aroclor 1260	0.100	*1	17.29	17.22	17.36	497000
		*2	18.23	18.16	18.30	572000
		*3	20.98	20.91	21.05	323000
		4	22.15	22.08	22.22	751000
		5	25.92	25.85	25.99	156000

* Denotes required peaks

6F

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Instrument ID: AD8 1 Date(s) Analyzed: 07/21/94 07/21/94

GC Column: DB1701 ID: 0.53(mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.500	*1	15.03	14.96	15.10	33100
		*2	19.00	18.93	19.07	68100
		*3	20.52	20.45	20.59	66300
		4	22.56	22.49	22.63	72000
		5	24.00	23.93	24.07	130000
Aroclor 1016	0.100	*1	8.38	8.31	8.45	328000
		*2	9.84	9.77	9.91	672000
		*3	11.70	11.63	11.77	1010000
		4	13.09	13.02	13.16	898000
		5	14.03	13.96	14.10	514000
Aroclor 1221	0.200	*1	7.57	7.50	7.64	120000
		*2	8.14	8.07	8.21	94300
		*3	8.37	8.30	8.44	401000
		4	9.84	9.77	9.91	34900
		5	11.70	11.63	11.77	50700
Aroclor 1232	0.100	*1	8.38	8.31	8.45	196000
		*2	9.84	9.77	9.91	132000
		*3	11.70	11.63	11.77	194000
		4	13.09	13.02	13.16	166000
		5	14.02	13.95	14.09	95400
Aroclor 1242	0.100	*1	9.83	9.76	9.90	559000
		*2	11.69	11.62	11.76	794000
		*3	13.08	13.01	13.15	724000
		4	14.02	13.95	14.09	425000
		5	14.40	14.33	14.47	293000
Aroclor 1248	0.100	*1	11.70	11.63	11.77	578000
		*2	13.08	13.01	13.15	1040000
		*3	14.02	13.95	14.09	574000
		4				
		5				
Aroclor 1254	0.100	*1	13.02	12.95	13.09	554000
		*2	15.62	15.55	15.69	331000
		*3	16.41	16.34	16.48	485000
		4				
		5				
Aroclor 1260	0.100	*1	18.83	18.76	18.90	963000
		*2	19.80	19.73	19.87	1060000
		*3	22.59	22.52	22.66	576000
		4	23.78	23.71	23.85	1440000
		5	25.17	25.10	25.24	844000

* Denotes required peaks

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column (1): DB608 ID: 0.53(mm) Instrument ID (1): AD6 1

EPA Sample No. (Standard 1): RESC0A Lab Sample ID (1): RESC0A

Date Analyzed (1): 07/05/94 Time Analyzed (1): 1936

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	8.98	100.0
02	gamma-Chlordane	20.18	100.0
03	Endosulfan I	21.03	100.0
04	4,4'-DDE	22.07	100.0
05	Dieldrin	22.42	100.0
06	Endosulfan sulfate	26.85	100.0
07	Methoxychlor	29.78	100.0
08	Endrin ketone	30.44	100.0
09	Decachlorobiphenyl	37.80	

GC Column (2): DB1701 ID: 0.53(mm) Instrument ID (2): AD7 1

EPA Sample No. (Standard 2): RESC1A Lab Sample ID (2): RESC1A

Date Analyzed (2): 07/05/94 Time Analyzed (2): 1936

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.19	100.0
02	Endosulfan I	15.42	100.0
03	gamma-Chlordane	15.73	100.0
04	4,4'-DDE	16.45	100.0
05	Dieldrin	16.94	100.0
06	Endosulfan sulfate	22.71	79.0
07	Methoxychlor	22.91	100.0
08	Endrin ketone	24.24	100.0
09	Decachlorobiphenyl	27.45	

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%.

6G

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column (1): DB1701 ID: 0.53(mm) Instrument ID (1): AD8 1

EPA Sample No. (Standard 1): RESC3A Lab Sample ID (1): RESC3A

Date Analyzed (1): 07/21/94 Time Analyzed (1): 1205

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	6.22	100.0
02	Endosulfan I	16.97	100.0
03	gamma-Chlordane	17.23	100.0
04	4,4'-DDE	17.96	100.0
05	Dieldrin	18.49	100.0
06	Endosulfan sulfate	24.23	87.0
07	Methoxychlor	24.43	100.0
08	Endrin ketone	25.84	100.0
09	Decachlorobiphenyl	29.22	

C Column (2): DB608 ID: 0.53(mm) Instrument ID (2): AD9 1

EPA Sample No. (Standard 2): RESC2A Lab Sample ID (2): RESC2A

Date Analyzed (2): 07/21/94 Time Analyzed (2): 1205

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.38	100.0
02	gamma-Chlordane	17.97	100.0
03	Endosulfan I	18.77	100.0
04	4,4'-DDE	19.92	93.0
05	Dieldrin	20.13	100.0
06	Endosulfan sulfate	24.50	100.0
07	Methoxychlor	27.43	96.0
08	Endrin ketone	27.78	100.0
09	Decachlorobiphenyl	33.73	

Resolution of two adjacent peaks must be calculated as a percentage of the height of the smaller peak, and must be greater than or equal to 60.0%.

Date -> 11:18 AM WED., 27 JULY, 1994
Method File -> /DATA/METHOD/INDABRSD65L.MTH
Instrument -> AD_6

Compound	% X ST SD	MEAN RF	% RSD RF	011.RES .0050	015.RES .0200	019.RES .0800	013.RES .0100	017.RES .0400
TCX	.0050	.25138E-06	7.56	.27235E-06	.26165E-06	.26037E-06	.23355E-06	.22897E-06
ALPHA-BHC	0.0000	.45487E-06	12.02	.49701E-06	.50451E-06	.49396E-06	.37239E-06	.42647E-06
GAMMA-BHC	0.0000	.42447E-06	11.83	.45597E-06	.47085E-06	.44937E-06	.35025E-06	.39600E-06
BETA-BHC	.0048	.52346E-06	7.76	.53657E-06	.52381E-06	.58273E-06	.47558E-06	.49864E-06
HEPTACHLOR	0.0000	.25717E-06	12.00	.27542E-06	.27806E-06	.28016E-06	.20907E-06	.24316E-06
DELTA-BHC	.0061	.53834E-06	11.40	.56783E-06	.57122E-06	.60555E-06	.46360E-06	.48348E-06
ALDRIN	.0062	.30767E-06	8.52	.33453E-06	.33012E-06	.31221E-06	.28589E-06	.27561E-06
H. EPOXIDE	.0096	.27981E-06	18.85	.30942E-06	.31230E-06	.33145E-06	.21735E-06	.22852E-06
G. CHLORDANE	.0106	.24810E-06	3.91	.25007E-06	.25278E-06	.26000E-06	.23458E-06	.24305E-06
A. CHLORDANE	.0121	.24157E-06	7.66	.25550E-06	.25152E-06	.25787E-06	.22038E-06	.22259E-06
ENDOSULF. I	0.0000	.35744E-06	12.06	.37734E-06	.39036E-06	.39041E-06	.29015E-06	.33893E-06
4,4'-DDE	.0120	.32909E-06	12.40	.37769E-06	.36347E-06	.30475E-06	.31977E-06	.27976E-06
DIELDRIN	0.0000	.32819E-06	14.37	.36432E-06	.37423E-06	.30404E-06	.28828E-06	.29108E-06
ENDRIN	0.0000	.37472E-06	14.42	.43831E-06	.42740E-06	.35115E-06	.32561E-06	.33114E-06
4,4'-DDD	0.0000	.44246E-06	12.42	.48834E-06	.49364E-06	.45672E-06	.36504E-06	.40855E-06
ENDOSULF. II	.0144	.47295E-06	14.88	.49296E-06	.50644E-06	.56174E-06	.39023E-06	.41336E-06
4,4'-DDT	0.0000	.41483E-06	15.45	.50497E-06	.45989E-06	.38065E-06	.36395E-06	.36466E-06
ENDRIN ALDEH	.0165	.58973E-06	22.96	.66846E-06	.66133E-06	.73010E-06	.43876E-06	.44998E-06
ENDO. SULFAT	.0166	.36214E-06	10.18	.40006E-06	.38729E-06	.37756E-06	.32777E-06	.31803E-06
METHOXYCHLOR	0.0000	.64822E-06	12.99	.72237E-06	.68195E-06	.71103E-06	.52270E-06	.60306E-06
ENDRIN KETON	.0261	.54425E-06	10.96	.56384E-06	.55867E-06	.62559E-06	.47305E-06	.50009E-06
DCB	.0548	.21343E-06	12.28	.21306E-06	.21758E-06	.25373E-06	.18320E-06	.19958E-06

******** END OF REPORT ********

Date -> 9:04 AM WED., 27 JULY, 1994
Method File -> /DATA/METHOD/INDABRSD95L.MTH
Instrument -> AD_9

Compound	3 X RT SD	MEAN RF	% RSD RF	JUL011.RES .0050	JUL015.RES .0200	JUL019.RES .0800	JUL013.RES .0100	JUL017.RES .0400
TCX	.0036	.66816E-06	8.00	.98848E-07	-37191E07	.94087E-07	.84516E-07	.91392E-07
ALPHA-BHC	0.0000	.13124E-06	13.63	.14835E-06	.15152E-06	.12713E-06	.11294E-06	.11628E-06
GAMMA-BHC	0.0000	.12313E-06	10.94	.14122E-06	.12836E-06	.12618E-06	.10732E-06	.11255E-06
BETA-BHC	.0269	.17094E-06	6.36	.17410E-06	.16743E-06	.18806E-06	.15959E-06	.16554E-06
HEPTACHLOR	.0073	.56564E-05	10.71	.97037E-07	.96113E-07	.97773E-07	.75878E-07	.84738E-07
DELTA-BHC	.0047	.15396E-06	9.53	.17322E-06	.15684E-06	.16073E-06	.14242E-06	.13657E-06
ALDRIN	.0063	.11312E-06	8.21	.12671E-06	.11599E-06	.11328E-06	.10750E-06	.10215E-06
H. EPOXIDE	.0042	.10625E-06	17.47	.12257E-06	.11157E-06	.12385E-06	.85346E-07	.87914E-07
C. CHLORDANE	.0041	.99421E-07	4.27	.10411E-06	.94375E-07	.10360E-06	.97539E-07	.97482E-07
A. CHLORDANE	.0036	.10028E-06	7.31	.10716E-06	.10452E-06	.10507E-06	.91975E-07	.92685E-07
ENDOSULF. I	0.0000	.13555E-06	11.32	.14701E-06	.14683E-06	.14501E-06	.11330E-06	.12560E-06
4,4'-DDE	.0052	.12517E-06	7.66	.14032E-06	.12417E-06	.12385E-06	.12387E-06	.11361E-06
DIELDRIN	0.0000	.13224E-06	12.52	.15439E-06	.14317E-06	.13019E-06	.11621E-06	.11723E-06
ENDRIN	0.0000	.13631E-06	12.67	.18377E-06	.16761E-06	.15450E-06	.13731E-06	.13835E-06
4,4'-DDD	0.0000	.17914E-06	13.07	.20646E-06	.19377E-06	.18472E-06	.14940E-06	.16134E-06
ENDOSULF.II	.0050	.17056E-06	12.70	.18441E-06	.17479E-06	.19673E-06	.14691E-06	.14998E-06
4,4'-DDT	0.0000	.15137E-06	14.01	.18227E-06	.16253E-06	.14651E-06	.13410E-06	.13145E-06
ENDRIN ALDEH	.0040	.21533E-06	22.83	.25280E-06	.22717E-06	.26848E-06	.15921E-06	.16897E-06
ENDO. SULFAT	.0039	.14756E-06	8.81	.16494E-06	.14695E-06	.15551E-06	.13664E-06	.13573E-06
METHOXYCHLOR	0.0000	.26528E-06	13.74	.28658E-06	.26972E-06	.30814E-06	.21292E-06	.24906E-06
ENDRIN KETON	.0042	.18105E-06	9.25	.19207E-06	.17560E-06	.20420E-06	.16338E-06	.17003E-06
DCB	.0036	.97509E-07	10.74	.99600E-07	.94026E-07	.11404E-06	.85791E-07	.94082E-07

*** **** END OF REPORT ********

CE 7/27/94
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Date -> 11:19 AM WED., 27 JULY, 1994
Method File -> /DATA/METHOD/INDABRSD75L.MTH
Instrument -> AD_7

Compound	3 X RT SD	MEAN RF	% RSD RF	011.RES .0050	015.RES .0200	019.RES .0800	013.RES .0100	017.RES .0400
TCX	.0036	.15041E-06	7.84	.16437E-06	.15658E-06	.15443E-06	.14115E-06	.13551E-06
ALPHA-BHC	0.0000	.24749E-06	11.89	.27147E-06	.27714E-06	.25401E-06	.20858E-06	.22622E-06
GAMMA-BHC	0.0000	.22862E-06	12.31	.25454E-06	.25362E-06	.23547E-06	.19089E-06	.20860E-06
HEPTACHLOR	0.0000	.16878E-06	11.77	.17741E-06	.18387E-06	.18482E-06	.13818E-06	.15963E-06
ALDRIN	.0057	.18486E-06	10.38	.20923E-06	.19904E-06	.18017E-06	.17433E-06	.16152E-06
BETA-BHC	.0049	.31612E-06	7.66	.32150E-06	.32214E-06	.35019E-06	.28692E-06	.29984E-06
DELTA-BHC	.0069	.30377E-06	11.10	.33326E-06	.32596E-06	.32560E-06	.26859E-06	.26544E-06
H. EPOXIDE	.0064	.20708E-06	5.47	.21113E-06	.21024E-06	.22142E-06	.20124E-06	.19139E-06
ENDOSULF. I	0.0000	.25949E-05	11.77	.24010E-06	.24315E-06	.24497E-06	.18437E-06	.21121E-06
G. CHLORDANE	.0079	.18117E-06	5.72	.18746E-06	.18815E-06	.19048E-06	.16983E-06	.16994E-06
A. CHLORDANE	.0071	.18211E-06	7.76	.19303E-06	.19317E-06	.19105E-06	.16670E-06	.16660E-06
4,4'-DDE	.0091	.19331E-06	13.30	.22801E-06	.20883E-06	.17818E-06	.18909E-06	.16245E-06
DIELDRIN	0.0000	.21070E-06	14.78	.24954E-06	.23831E-06	.19807E-06	.18409E-06	.18347E-06
ENDRIN	0.0000	.21463E-06	14.93	.25499E-06	.24208E-06	.20328E-06	.18676E-06	.18605E-06
4,4'-DDD	0.0000	.25951E-06	12.52	.28427E-06	.28764E-06	.27401E-06	.21279E-06	.23884E-06
ENDOSULF. II	.0120	.28403E-06	14.42	.29845E-06	.30449E-06	.33347E-06	.23544E-06	.24833E-06
4,4'-DDT	0.0000	.28853E-06	17.59	.36576E-06	.31490E-06	.25847E-06	.25635E-06	.24719E-06
ENDRIN ALDEH	.0129	.51848E-06	25.09	.59977E-06	.59793E-06	.64007E-06	.36895E-06	.38567E-06
ENDO. SULFAT	.0152	.22812E-06	10.13	.25702E-06	.24452E-06	.23678E-06	.20698E-06	.20030E-06
METHOXYCHLOR	0.0000	.45965E-06	14.21	.49010E-06	.47535E-06	.53432E-06	.36036E-06	.43813E-06
ENDRIN KETON	.0156	.34589E-06	11.52	.36733E-06	.35067E-06	.39764E-06	.29811E-06	.31573E-06
DCB	.0208	.17111E-06	13.05	.19633E-06	.17293E-06	.18896E-06	.14480E-06	.15253E-06

******** END OF REPORT ********

Date -> 9:36 AM WED., 27 JULY, 1994
Method File -> /DATA/METHOD/INDABRSD85L.MTH
Instrument -> AD_8

Compound	3 X RT SD	MEAN RF	% RSD RF	JUL011.RES .0050	JUL015.RES .0200	JUL019.RES .0800	JUL013.RES .0100	JUL017.RES .0400
TCX	.0040	.82123E-07	6.23	.85771E-07	.80997E-07	.88909E-07	.78071E-07	.76869E-07
ALPHA-BHC	0.0000	.12691E-06	15.53	.15362E-06	.14213E-06	.11271E-06	.11633E-06	.10974E-06
GAMMA-BHC	0.0000	.11398E-06	15.25	.13856E-06	.12587E-06	.10426E-06	.10280E-06	.98389E-07
HEPTACHLOR	.0075	.67447E-05	11.30	.80881E-07	.80606E-07	.76998E-07	.62509E-07	.67354E-07
ALDRIN	.0064	.95348E-07	9.56	.10774E-06	.96730E-07	.94056E-07	.93054E-07	.85159E-07
BETA-BHC	.0048	.15536E-06	6.24	.16908E-06	.15182E-06	.16157E-06	.14827E-06	.14605E-06
DELTA-BHC	.0042	.16885E-06	14.69	.20919E-06	.17257E-06	.16160E-06	.15720E-06	.14370E-06
H. EPOXIDE	.0049	.83540E-07	11.22	.94356E-07	.84050E-07	.90896E-07	.75907E-07	.72491E-07
ENDOSULF. I	.0024	.22080E-05	11.59	.11483E-06	.10793E-05	.10483E-06	.86320E-07	.91877E-07
G. CHLORDANE	.0062	.83451E-07	6.03	.90947E-07	.81127E-07	.85814E-07	.81363E-07	.78003E-07
A. CHLORDANE	.0055	.84365E-07	7.70	.93392E-07	.83166E-07	.88134E-07	.80076E-07	.77054E-07
4,4'-DDE	.0097	.11189E-06	11.06	.13161E-06	.11387E-06	.10766E-06	.10811E-06	.98204E-07
DIELDRIN	0.0000	.10403E-06	14.01	.12498E-06	.11162E-06	.10190E-06	.91192E-07	.90459E-07
ENDRIN	0.0000	.11646E-06	13.60	.13948E-06	.12369E-06	.11517E-06	.10221E-06	.10173E-06
4,4'-DDD	0.0000	.16407E-06	13.55	.19351E-06	.17958E-06	.16088E-06	.14265E-06	.14393E-06
ENDOSULF. II	.0045	.12519E-06	13.53	.14683E-06	.12558E-06	.13619E-06	.11115E-06	.10620E-06
4,4'-DDT	0.0000	.15850E-06	18.88	.20618E-06	.16851E-06	.14173E-06	.14476E-06	.13133E-06
ENDRIN ALDEH	.0042	.19985E-06	27.53	.25973E-06	.23019E-06	.22683E-06	.13950E-06	.14299E-06
ENDO. SULFAT	.0046	.12597E-06	11.78	.14989E-06	.12068E-06	.12827E-06	.12082E-06	.11018E-06
METHOXYCHLOR	0.0000	.22759E-06	14.78	.24767E-06	.23531E-06	.26359E-06	.17655E-06	.21481E-06
ENDRIN KETON	.0047	.19406E-06	17.11	.25035E-06	.18614E-06	.18972E-06	.18317E-06	.16194E-06
DCB	.0072	.69032E-07	13.95	.61655E-07	.67895E-07	.85239E-07	.61812E-07	.68561E-07

******** END OF REPORT ********

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK00 Date Analyzed : 07/05/94

Lab Sample ID (PIBLK): PIBLK00 Time Analyzed : 1935

EPA Sample No. (PEM): PEM0A Date Analyzed : 07/05/94

Lab Sample ID (PEM): PEM0A Time Analyzed : 2019

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.009	0.010	10.0
beta-BHC	14.21	14.17	14.27	0.008	0.010	20.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.009	0.010	10.0
Endrin	24.04	23.98	24.12	0.046	0.050	8.0
4,4'-DDT	25.85	25.78	25.92	0.101	0.100	1.0
Methoxychlor	29.76	29.70	29.84	0.225	0.250	10.0

4,4'-DDT % breakdown (1): 4.2 Endrin % breakdown (1): 5.4

Combined % breakdown (1): 9.6

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0A Date Analyzed : 07/06/94

Lab Sample ID (PIBLK): PIBLK0A Time Analyzed : 0920

EPA Sample No. (PEM): PEM0B Date Analyzed : 07/06/94

Lab Sample ID (PEM): PEM0B Time Analyzed : 1003

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.08	12.03	12.13	0.010	0.010	0.0
beta-BHC	14.21	14.17	14.27	0.009	0.010	10.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.010	0.010	0.0
Endrin	24.05	23.98	24.12	0.049	0.050	2.0
4,4'-DDT	25.86	25.78	25.92	0.108	0.100	8.0
Methoxychlor	29.77	29.70	29.84	0.250	0.250	0.0

4,4'-DDT % breakdown (1): 4.5 Endrin % breakdown (1): 7.0

Combined % breakdown (1): 11.5

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0B Date Analyzed : 07/22/94

Lab Sample ID (PIBLK): PIBLK0B Time Analyzed : 1645

EPA Sample No. (PEM): PEM0C Date Analyzed : 07/22/94

Lab Sample ID (PEM): PEM0C Time Analyzed : 1729

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.07	12.03	12.13	0.012	0.010	20.0
beta-BHC	14.20	14.17	14.27	0.010	0.010	0.0
gamma-BHC (Lindane)	13.87	13.83	13.93	0.011	0.010	10.0
Endrin	24.04	23.98	24.12	0.053	0.050	6.0
4,4'-DDT	25.85	25.78	25.92	0.112	0.100	12.0
Methoxychlor	29.75	29.70	29.84	0.270	0.250	8.0

4,4'-DDT % breakdown (1): 7.2 Endrin % breakdown (1): 9.6

Combined % breakdown (1): 16.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0D Date Analyzed : 07/23/94

Lab Sample ID (PIBLK): PIBLK0D Time Analyzed : 1423

EPA Sample No. (PEM): PEM0D Date Analyzed : 07/23/94

Lab Sample ID (PEM): PEM0D Time Analyzed : 1506

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.06	12.03	12.13	0.010	0.010	0.0
beta-BHC	14.20	14.17	14.27	0.009	0.010	10.0
gamma-BHC (Lindane)	13.87	13.83	13.93	0.010	0.010	0.0
Endrin	24.03	23.98	24.12	0.047	0.050	6.0
4,4'-DDT	25.84	25.78	25.92	0.094	0.100	6.0
Methoxychlor	29.75	29.70	29.84	0.231	0.250	7.6

4,4'-DDT % breakdown (1): 8.1 Endrin % breakdown (1): 10.2

Combined % breakdown (1): 18.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK20 Date Analyzed : 07/21/94

Lab Sample ID (PIBLK): PIBLK20 Time Analyzed : 1204

EPA Sample No. (PEM): PEM2A Date Analyzed : 07/21/94

Lab Sample ID (PEM): PEM2A Time Analyzed : 1249

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.25	10.19	10.29	0.009	0.010	10.0
beta-BHC	12.30	12.26	12.36	0.008	0.010	20.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.008	0.010	20.0
Endrin	21.71	21.63	21.77	0.043	0.050	14.0
4,4'-DDT	23.62	23.54	23.68	0.096	0.100	4.0
Methoxychlor	27.42	27.34	27.48	0.206	0.250	17.6

4,4'-DDT % breakdown (1): 2.6 Endrin % breakdown (1): 7.6

Combined % breakdown (1): 10.2

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK2A Date Analyzed : 07/22/94

Lab Sample ID (PIBLK): PIBLK2A Time Analyzed : 0207

EPA Sample No. (PEM): PEM2B Date Analyzed : 07/22/94

Lab Sample ID (PEM): PEM2B Time Analyzed : 0252

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.010	0.010	0.0
beta-BHC	12.30	12.26	12.36	0.008	0.010	20.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.009	0.010	10.0
Endrin	21.70	21.63	21.77	0.046	0.050	8.0
4,4'-DDT	23.61	23.54	23.68	0.101	0.100	1.0
Methoxychlor	27.41	27.34	27.48	0.235	0.250	6.0

4,4'-DDT % breakdown (1): 2.6 Endrin % breakdown (1): 10.0

Combined % breakdown (1): 12.6

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK2B Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK2B Time Analyzed : 0903

EPA Sample No. (PEM): PEM2C Date Analyzed : 07/25/94

Lab Sample ID (PEM): PEM2C Time Analyzed : 0947

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.009	0.010	10.0
beta-BHC	12.30	12.26	12.36	0.009	0.010	10.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.009	0.010	10.0
Endrin	21.71	21.63	21.77	0.054	0.050	8.0
4,4'-DDT	23.62	23.54	23.68	0.111	0.100	11.0
Methoxychlor	27.42	27.34	27.48	0.254	0.250	1.6

4,4'-DDT % breakdown (1): 1.7 Endrin % breakdown (1): 4.6

Combined % breakdown (1): 6.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK2D Date Analyzed : 07/26/94

Lab Sample ID (PIBLK): PIBLK2D Time Analyzed : 0416

EPA Sample No. (PEM): PEM2D Date Analyzed : 07/26/94

Lab Sample ID (PEM): PEM2D Time Analyzed : 0500

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.009	0.010	10.0
beta-BHC	12.30	12.26	12.36	0.010	0.010	0.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.010	0.010	0.0
Endrin	21.70	21.63	21.77	0.059	0.050	18.0
4,4'-DDT	23.61	23.54	23.68	0.111	0.100	11.0
Methoxychlor	27.41	27.34	27.48	0.261	0.250	4.4

4,4'-DDT % breakdown (1): 5.2 Endrin % breakdown (1): 4.6

Combined % breakdown (1): 9.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK10 Date Analyzed : 07/05/94

Lab Sample ID (PIBLK): PIBLK10 Time Analyzed : 1935

EPA Sample No. (PEM): PEM1A Date Analyzed : 07/05/94

Lab Sample ID (PEM): PEM1A Time Analyzed : 2019

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.009	0.010	10.0
beta-BHC	12.97	12.92	13.02	0.008	0.010	20.0
gamma-BHC (Lindane)	9.84	9.80	9.90	0.009	0.010	10.0
Endrin	17.72	17.66	17.80	0.047	0.050	6.0
4,4'-DDT	20.32	20.26	20.40	0.103	0.100	3.0
Methoxychlor	22.90	22.84	22.98	0.226	0.250	9.6

4,4'-DDT % breakdown (1): 4.7 Endrin % breakdown (1): 2.2

Combined % breakdown (1): 6.9

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1A Date Analyzed : 07/06/94

Lab Sample ID (PIBLK): PIBLK1A Time Analyzed : 0920

EPA Sample No. (PEM): PEM1B Date Analyzed : 07/06/94

Lab Sample ID (PEM): PEM1B Time Analyzed : 1003

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.010	0.010	0.0
beta-BHC	12.97	12.92	13.02	0.009	0.010	10.0
gamma-BHC (Lindane)	9.85	9.80	9.90	0.010	0.010	0.0
Endrin	17.72	17.66	17.80	0.049	0.050	2.0
4,4'-DDT	20.33	20.26	20.40	0.110	0.100	10.0
Methoxychlor	22.90	22.84	22.98	0.249	0.250	0.4

4,4'-DDT % breakdown (1): 4.9 Endrin % breakdown (1): 3.4

Combined % breakdown (1): 8.3

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1B Date Analyzed : 07/22/94

Lab Sample ID (PIBLK): PIBLK1B Time Analyzed : 1645

EPA Sample No. (PEM): PEM1C Date Analyzed : 07/22/94

Lab Sample ID (PEM): PEM1C Time Analyzed : 1729

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.33	8.29	8.39	0.011	0.010	10.0
beta-BHC	12.95	12.92	13.02	0.010	0.010	0.0
gamma-BHC (Lindane)	9.83	9.80	9.90	0.011	0.010	10.0
Endrin	17.71	17.66	17.80	0.053	0.050	6.0
4,4'-DDT	20.31	20.26	20.40	0.114	0.100	14.0
Methoxychlor	22.89	22.84	22.98	0.266	0.250	6.4

4,4'-DDT % breakdown (1): 7.7 Endrin % breakdown (1): 5.8

Combined % breakdown (1): 13.5

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1D Date Analyzed : 07/23/94

Lab Sample ID (PIBLK): PIBLK1D Time Analyzed : 1423

EPA Sample No. (PEM): PEM1D Date Analyzed : 07/23/94

Lab Sample ID (PEM): PEM1D Time Analyzed : 1506

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.32	8.29	8.39	0.010	0.010	0.0
beta-BHC	12.95	12.92	13.02	0.009	0.010	10.0
gamma-BHC (Lindane)	9.83	9.80	9.90	0.010	0.010	0.0
Endrin	17.70	17.66	17.80	0.045	0.050	10.0
4,4'-DDT	20.31	20.26	20.40	0.093	0.100	7.0
Methoxychlor	22.88	22.84	22.98	0.228	0.250	8.8

4,4'-DDT % breakdown (1): 8.4 Endrin % breakdown (1): 6.8

Combined % breakdown (1): 15.2

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK30 Date Analyzed : 07/21/94

Lab Sample ID (PIBLK): PIBLK30 Time Analyzed : 1204

EPA Sample No. (PEM): PEM3A Date Analyzed : 07/21/94

Lab Sample ID (PEM): PEM3A Time Analyzed : 1249

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.008	0.010	20.0
beta-BHC	14.20	14.13	14.23	0.008	0.010	20.0
gamma-BHC (Lindane)	11.09	11.04	11.14	0.008	0.010	20.0
Endrin	19.30	19.22	19.36	0.047	0.050	6.0
4,4'-DDT	21.86	21.78	21.92	0.108	0.100	8.0
Methoxychlor	24.40	24.33	24.47	0.225	0.250	10.0

4,4'-DDT % breakdown (1): 1.6 Endrin % breakdown (1): 5.2

Combined % breakdown (1): 6.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK3A Date Analyzed : 07/22/94

Lab Sample ID (PIBLK): PIBLK3A Time Analyzed : 0207

EPA Sample No. (PEM): PEM3B Date Analyzed : 07/22/94

Lab Sample ID (PEM): PEM3B Time Analyzed : 0252

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.50	9.45	9.55	0.009	0.010	10.0
beta-BHC	14.18	14.13	14.23	0.008	0.010	20.0
gamma-BHC (Lindane)	11.08	11.04	11.14	0.009	0.010	10.0
Endrin	19.29	19.22	19.36	0.045	0.050	10.0
4,4'-DDT	21.85	21.78	21.92	0.106	0.100	6.0
Methoxychlor	24.40	24.33	24.47	0.236	0.250	5.6

4,4'-DDT % breakdown (1): 1.0 Endrin % breakdown (1): 13.8

Combined % breakdown (1): 14.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK3B Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK3B Time Analyzed : 0903

EPA Sample No. (PEM): PEM3C Date Analyzed : 07/25/94

Lab Sample ID (PEM): PEM3C Time Analyzed : 0947

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.010	0.010	0.0
beta-BHC	14.19	14.13	14.23	0.008	0.010	20.0
gamma-BHC (Lindane)	11.09	11.04	11.14	0.010	0.010	0.0
Endrin	19.30	19.22	19.36	0.049	0.050	2.0
4,4'-DDT	21.86	21.78	21.92	0.117	0.100	17.0
Methoxychlor	24.40	24.33	24.47	0.268	0.250	7.2

4,4'-DDT % breakdown (1): 0.2 Endrin % breakdown (1): 3.8

Combined % breakdown (1): 4.0

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK3D Date Analyzed : 07/26/94

Lab Sample ID (PIBLK): PIBLK3D Time Analyzed : 0416

EPA Sample No. (PEM): PEM3D Date Analyzed : 07/26/94

Lab Sample ID (PEM): PEM3D Time Analyzed : 0500

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.51	9.45	9.55	0.011	0.010	10.0
beta-BHC	14.18	14.13	14.23	0.009	0.010	10.0
gamma-BHC (Lindane)	11.09	11.04	11.14	0.010	0.010	0.0
Endrin	19.30	19.22	19.36	0.049	0.050	2.0
4,4'-DDT	21.85	21.78	21.92	0.118	0.100	18.0
Methoxychlor	24.40	24.33	24.47	0.277	0.250	10.8

4,4'-DDT % breakdown (1): 0.4 Endrin % breakdown (1): 3.4

Combined % breakdown (1): 3.8

QC LIMITS:

RPD of amounts in PEM must be less than or equal to 25.0%

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 20.0%

Combined breakdown must be less than or equal to 30.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0C Date Analyzed : 07/23/94

Lab Sample ID (PIBLK): PIBLK0C Time Analyzed : 0253

EPA Sample No. (INDA): INDAM0B Date Analyzed : 07/23/94

Lab Sample ID (INDA): INDAM0B Time Analyzed : 0902

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.08	12.03	12.13	0.0217	0.0200	8.5
gamma-BHC (Lindane)	13.88	13.83	13.93	0.0217	0.0200	8.5
Heptachlor	15.36	15.31	15.41	0.0202	0.0200	1.0
Endosulfan I	21.02	20.96	21.10	0.0209	0.0200	4.5
Dieldrin	22.40	22.34	22.48	0.0404	0.0400	1.0
Endrin	24.05	23.98	24.12	0.0424	0.0400	6.0
4,4'-DDD	24.53	24.46	24.60	0.0421	0.0400	5.2
4,4'-DDT	25.85	25.78	25.92	0.0416	0.0400	4.0
Methoxychlor	29.76	29.70	29.84	0.216	0.200	8.0
Tetrachloro-m-xylene	8.97	8.92	9.02	0.0194	0.0200	3.0
Decachlorobiphenyl	37.78	37.68	37.88	0.0408	0.0400	2.0

EPA Sample No. (INDB): INDBM0B Date Analyzed : 07/23/94

Lab Sample ID (INDB): INDBM0B Time Analyzed : 1041

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.21	14.17	14.27	0.0212	0.0200	6.0
delta-BHC	15.89	15.85	15.95	0.0221	0.0200	10.5
Aldrin	16.86	16.82	16.92	0.0200	0.0200	0.0
Heptachlor epoxide	19.43	19.37	19.51	0.0203	0.0200	1.5
4,4'-DDE	22.05	21.99	22.13	0.0406	0.0400	1.5
Endosulfan II	24.84	24.78	24.92	0.0448	0.0400	12.0
Endosulfan sulfate	26.84	26.78	26.92	0.0429	0.0400	7.2
Endrin ketone	30.42	30.37	30.51	0.0475	0.0400	18.8
Endrin aldehyde	26.30	26.24	26.38	0.0414	0.0400	3.5
alpha-Chlordane	20.89	20.83	20.97	0.0200	0.0200	0.0
gamma-Chlordane	20.16	20.10	20.24	0.0198	0.0200	1.0
Tetrachloro-m-xylene	8.97	8.92	9.02	0.0206	0.0200	3.0
Decachlorobiphenyl	37.78	37.68	37.88	0.0430	0.0400	7.5

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK0E Date Analyzed : 07/24/94

Lab Sample ID (PIBLK): PIBLK0E Time Analyzed : 0114

EPA Sample No. (INDA): INDAM0C Date Analyzed : 07/24/94

Lab Sample ID (INDA): INDAM0C Time Analyzed : 0158

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	12.08	12.03	12.13	0.0202	0.0200	1.0
gamma-BHC (Lindane)	13.88	13.83	13.93	0.0208	0.0200	4.0
Heptachlor	15.37	15.31	15.41	0.0191	0.0200	4.5
Endosulfan I	21.03	20.96	21.10	0.0201	0.0200	0.5
Dieldrin	22.41	22.34	22.48	0.0384	0.0400	4.0
Endrin	24.05	23.98	24.12	0.0389	0.0400	2.8
4,4'-DDD	24.54	24.46	24.60	0.0409	0.0400	2.2
4,4'-DDT	25.86	25.78	25.92	0.0372	0.0400	7.0
Methoxychlor	29.78	29.70	29.84	0.190	0.200	5.0
Tetrachloro-m-xylene	8.97	8.92	9.02	0.0180	0.0200	10.0
Decachlorobiphenyl	37.80	37.68	37.88	0.0395	0.0400	1.2

EPA Sample No. (INDB): INDBM0C Date Analyzed : 07/24/94

Lab Sample ID (INDB): INDBM0C Time Analyzed : 0241

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.22	14.17	14.27	0.0209	0.0200	4.5
delta-BHC	15.90	15.85	15.95	0.0217	0.0200	8.5
Aldrin	16.87	16.82	16.92	0.0192	0.0200	4.0
Heptachlor epoxide	19.44	19.37	19.51	0.0199	0.0200	0.5
4,4'-DDE	22.06	21.99	22.13	0.0390	0.0400	2.5
Endosulfan II	24.85	24.78	24.92	0.0443	0.0400	10.8
Endosulfan sulfate	26.85	26.78	26.92	0.0415	0.0400	3.8
Endrin ketone	30.43	30.37	30.51	0.0464	0.0400	16.0
Endrin aldehyde	26.31	26.24	26.38	0.0420	0.0400	5.0
alpha-Chlordane	20.90	20.83	20.97	0.0195	0.0200	2.5
gamma-Chlordane	20.17	20.10	20.24	0.0193	0.0200	3.5
Tetrachloro-m-xylene	8.97	8.92	9.02	0.0201	0.0200	0.5
Decachlorobiphenyl	37.80	37.68	37.88	0.0419	0.0400	4.8

LC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK2C Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK2C Time Analyzed : 1755

EPA Sample No. (INDA): INDAM2B Date Analyzed : 07/25/94

Lab Sample ID (INDA): INDAM2B Time Analyzed : 1839

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	10.24	10.19	10.29	0.0216	0.0200	8.0
gamma-BHC (Lindane)	11.94	11.89	11.99	0.0208	0.0200	4.0
Heptachlor	13.32	13.27	13.37	0.0214	0.0200	7.0
Endosulfan I	18.77	18.70	18.84	0.0215	0.0200	7.5
Dieldrin	20.12	20.05	20.19	0.0418	0.0400	4.5
Endrin	21.70	21.63	21.77	0.0451	0.0400	12.8
4,4'-DDD	22.32	22.26	22.40	0.0428	0.0400	7.0
4,4'-DDT	23.61	23.54	23.68	0.0395	0.0400	1.2
Methoxychlor	27.40	27.34	27.48	0.212	0.200	6.0
Tetrachloro-m-xylene	7.38	7.33	7.43	0.0209	0.0200	4.5
Decachlorobiphenyl	33.70	33.61	33.81	0.0429	0.0400	7.2

EPA Sample No. (INDB): INDBM2B Date Analyzed : 07/25/94

Lab Sample ID (INDB): INDBM2B Time Analyzed : 1923

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	12.29	12.26	12.36	0.0225	0.0200	12.5
delta-BHC	13.88	13.83	13.93	0.0212	0.0200	6.0
Aldrin	14.73	14.69	14.79	0.0205	0.0200	2.5
Heptachlor epoxide	17.24	17.17	17.31	0.0208	0.0200	4.0
4,4'-DDE	19.89	19.83	19.97	0.0401	0.0400	0.2
Endosulfan II	22.51	22.44	22.58	0.0430	0.0400	7.5
Endosulfan sulfate	24.49	24.43	24.57	0.0410	0.0400	2.5
Endrin ketone	27.76	27.69	27.83	0.0415	0.0400	3.8
Endrin aldehyde	23.95	23.88	24.02	0.0420	0.0400	5.0
alpha-Chlordane	18.68	18.61	18.75	0.0202	0.0200	1.0
gamma-Chlordane	17.96	17.90	18.04	0.0201	0.0200	0.5
Tetrachloro-m-xylene	7.38	7.33	7.43	0.0227	0.0200	13.5
Decachlorobiphenyl	33.70	33.61	33.81	0.0452	0.0400	13.0

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1C Date Analyzed : 07/23/94

Lab Sample ID (PIBLK): PIBLK1C Time Analyzed : 0253

EPA Sample No. (INDA): INDAM1B Date Analyzed : 07/23/94

Lab Sample ID (INDA): INDAM1B Time Analyzed : 0902

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.32	8.29	8.39	0.0211	0.0200	5.5
gamma-BHC (Lindane)	9.83	9.80	9.90	0.0211	0.0200	5.5
Heptachlor	10.58	10.55	10.65	0.0204	0.0200	2.0
Endosulfan I	15.41	15.36	15.50	0.0208	0.0200	4.0
Dieldrin	16.92	16.87	17.01	0.0400	0.0400	0.0
Endrin	17.71	17.66	17.80	0.0412	0.0400	3.0
4,4'-DDD	19.67	19.62	19.76	0.0411	0.0400	2.8
4,4'-DDT	20.31	20.26	20.40	0.0403	0.0400	0.8
Methoxychlor	22.89	22.84	22.98	0.209	0.200	4.5
Tetrachloro-m-xylene	5.19	5.15	5.25	0.0192	0.0200	4.0
Decachlorobiphenyl	27.44	27.35	27.55	0.0398	0.0400	0.5

EPA Sample No. (INDB): INDBM1B Date Analyzed : 07/23/94

Lab Sample ID (INDB): INDBM1B Time Analyzed : 1041

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	12.94	12.92	13.02	0.0205	0.0200	2.5
delta-BHC	13.83	13.81	13.91	0.0218	0.0200	9.0
Aldrin	11.63	11.60	11.70	0.0193	0.0200	3.5
Heptachlor epoxide	14.37	14.32	14.46	0.0204	0.0200	2.0
4,4'-DDE	16.44	16.39	16.53	0.0391	0.0400	2.2
Endosulfan II	19.73	19.69	19.83	0.0441	0.0400	10.2
Endosulfan sulfate	22.69	22.64	22.78	0.0418	0.0400	4.5
Endrin ketone	24.22	24.18	24.32	0.0480	0.0400	20.0
Endrin aldehyde	21.43	21.39	21.53	0.0415	0.0400	3.8
alpha-Chlordane	15.94	15.89	16.03	0.0200	0.0200	0.0
gamma-Chlordane	15.72	15.67	15.81	0.0200	0.0200	0.0
Tetrachloro-m-xylene	5.19	5.15	5.25	0.0202	0.0200	1.0
Decachlorobiphenyl	27.44	27.35	27.55	0.0417	0.0400	4.2

LC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

EPA Sample No. (PIBLK): PIBLK1E Date Analyzed : 07/24/94

Lab Sample ID (PIBLK): PIBLK1E Time Analyzed : 0114

EPA Sample No. (INDA): INDAM1C Date Analyzed : 07/24/94

Lab Sample ID (INDA): INDAM1C Time Analyzed : 0158

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	8.34	8.29	8.39	0.0198	0.0200	1.0
gamma-BHC (Lindane)	9.85	9.80	9.90	0.0198	0.0200	1.0
Heptachlor	10.60	10.55	10.65	0.0191	0.0200	4.5
Endosulfan I	15.43	15.36	15.50	0.0199	0.0200	0.5
Dieldrin	16.94	16.87	17.01	0.0375	0.0400	6.2
Endrin	17.72	17.66	17.80	0.0373	0.0400	6.8
4,4'-DDD	19.69	19.62	19.76	0.0395	0.0400	1.2
4,4'-DDT	20.33	20.26	20.40	0.0351	0.0400	12.2
Methoxychlor	22.91	22.84	22.98	0.188	0.200	6.0
Tetrachloro-m-xylene	5.20	5.15	5.25	0.0176	0.0200	12.0
Decachlorobiphenyl	27.45	27.35	27.55	0.0382	0.0400	4.5

EPA Sample No. (INDB): INDBM1C Date Analyzed : 07/24/94

Lab Sample ID (INDB): INDBM1C Time Analyzed : 0241

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	12.97	12.92	13.02	0.0200	0.0200	0.0
delta-BHC	13.85	13.81	13.91	0.0214	0.0200	7.0
Aldrin	11.65	11.60	11.70	0.0187	0.0200	6.5
Heptachlor epoxide	14.39	14.32	14.46	0.0199	0.0200	0.5
4,4'-DDE	16.45	16.39	16.53	0.0374	0.0400	6.5
Endosulfan II	19.75	19.69	19.83	0.0429	0.0400	7.2
Endosulfan sulfate	22.70	22.64	22.78	0.0401	0.0400	0.2
Endrin ketone	24.24	24.18	24.32	0.0462	0.0400	15.5
Endrin aldehyde	21.45	21.39	21.53	0.0405	0.0400	1.2
alpha-Chlordane	15.96	15.89	16.03	0.0192	0.0200	4.0
gamma-Chlordane	15.74	15.67	15.81	0.0193	0.0200	3.5
Tetrachloro-m-xylene	5.20	5.15	5.25	0.0197	0.0200	1.5
Decachlorobiphenyl	27.45	27.35	27.55	0.0401	0.0400	0.2

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

EPA Sample No. (PIBLK): PIBLK3C Date Analyzed : 07/25/94

Lab Sample ID (PIBLK): PIBLK3C Time Analyzed : 1755

EPA Sample No. (INDA): INDAM3B Date Analyzed : 07/25/94

Lab Sample ID (INDA): INDAM3B Time Analyzed : 1839

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
alpha-BHC	9.50	9.45	9.55	0.0215	0.0200	7.5
gamma-BHC (Lindane)	11.08	11.04	11.14	0.0212	0.0200	6.0
Heptachlor	11.96	11.91	12.01	0.0205	0.0200	2.5
Endosulfan I	16.95	16.88	17.02	0.0210	0.0200	5.0
Dieldrin	18.47	18.40	18.54	0.0416	0.0400	4.0
Endrin	19.29	19.22	19.36	0.0444	0.0400	11.0
4,4'-DDD	21.16	21.10	21.24	0.0454	0.0400	13.5
4,4'-DDT	21.85	21.78	21.92	0.0404	0.0400	1.0
Methoxychlor	24.39	24.33	24.47	0.217	0.200	8.5
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0208	0.0200	4.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0422	0.0400	5.5

EPA Sample No. (INDB): INDBM3B Date Analyzed : 07/25/94

Lab Sample ID (INDB): INDBM3B Time Analyzed : 1923

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	RPD
beta-BHC	14.18	14.13	14.23	0.0209	0.0200	4.5
delta-BHC	15.14	15.09	15.19	0.0208	0.0200	4.0
Aldrin	13.08	13.03	13.13	0.0201	0.0200	0.5
Heptachlor epoxide	15.84	15.77	15.91	0.0202	0.0200	1.0
4,4'-DDE	17.94	17.88	18.02	0.0419	0.0400	4.8
Endosulfan II	21.28	21.21	21.35	0.0416	0.0400	4.0
Endosulfan sulfate	24.20	24.13	24.27	0.0390	0.0400	2.5
Endrin ketone	25.82	25.75	25.89	0.0416	0.0400	4.0
Endrin aldehyde	22.94	22.88	23.02	0.0397	0.0400	0.8
alpha-Chlordane	17.44	17.37	17.51	0.0202	0.0200	1.0
gamma-Chlordane	17.21	17.14	17.28	0.0202	0.0200	1.0
Tetrachloro-m-xylene	6.21	6.16	6.26	0.0218	0.0200	9.0
Decachlorobiphenyl	29.20	29.10	29.30	0.0439	0.0400	9.8

QC LIMITS: RPD of amounts in the Individual Mixes must be less than or equal to 25.0%

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD6 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.97 DCB: 37.78

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK00	PIBLK00	07/05/94	1935	8.98		37.80	
02	RESC0A	RESC0A	07/05/94	1936	8.98		37.80	
03	PEM0A	PEM0A	07/05/94	2019	8.96		37.78	
04	AR16600A	AR16600A	07/05/94	2103	8.97		37.78	
05	AR12210A	AR12210A	07/05/94	2146	8.96		37.78	
06	AR12320A	AR12320A	07/05/94	2230	8.96		37.78	
07	AR12420A	AR12420A	07/05/94	2313	8.96		37.78	
08	AR12480A	AR12480A	07/05/94	2356	8.96		37.79	
09	AR12540A	AR12540A	07/06/94	0040	8.97		37.79	
10	TOXAPH0A	TOXAPH0A	07/06/94	0123	8.97		37.80	
11	INDAL0A	INDAL0A	07/06/94	0206	8.97		37.79	
12	INDBL0A	INDBL0A	07/06/94	0250	8.97		37.80	
13	INDAM0A	INDAM0A	07/06/94	0500	8.97		37.80	
14	INDBM0A	INDBM0A	07/06/94	0543	8.97		37.80	
15	INDAH0A	INDAH0A	07/06/94	0753	8.96		37.76	
16	INDBH0A	INDBH0A	07/06/94	0837	8.97		37.84	
17	PIBLK0A	PIBLK0A	07/06/94	0920	8.98		37.80	
18	PEM0B	PEM0B	07/06/94	1003	8.97		37.78	
19	PIBLK0B	PIBLK0B	07/22/94	1645	8.97		37.77	
20	PEM0C	PEM0C	07/22/94	1729	8.96		37.77	
21	PBLK01	P0721-B1	07/22/94	1812	8.96		37.77	
22	PBLK02	P0721-B2	07/22/94	1856	8.97		37.80	
23	CLJ2-CSS03	940641-01	07/22/94	1939	8.96		37.77	
24	CLJ2-CSS04	940641-02	07/22/94	2023	8.96		37.77	
25	CLJ2-CSS06	940641-03	07/22/94	2106	8.96		37.78	
26	CLJ2-CSS07	940641-04	07/22/94	2149	8.96		37.78	
27	CLJ2-CSS08	940641-05	07/22/94	2233	8.96		37.78	
28	CLJ2-CSS09	940641-06	07/22/94	2316	8.96		37.77	
29	CLJ2-CSS10	940641-07	07/23/94	0000	8.97		37.79	
30	CLJ2-CSS11	940641-08	07/23/94	0043	8.97		37.79	
31	CLJ2-CSS12	940641-09	07/23/94	0126	8.96		37.77	
32	PIBLK0C	PIBLK0C	07/23/94	0253	8.97		37.79	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD6 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 8.97 DCB: 37.78

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	INDAM0B	INDAM0B	07/23/94	0902	8.97		37.78	
02	INDBM0B	INDBM0B	07/23/94	1041	8.97		37.78	
03	LJ2CSS12DMS	940641-10MS	07/23/94	1212	8.96		37.77	
04	LJ2CSS12DMSD	940641-10MSD	07/23/94	1256	8.96		37.77	
05	PIBLK0D	PIBLK0D	07/23/94	1423	8.96		37.76	
06	PEM0D	PEM0D	07/23/94	1506	8.96		37.76	
07	CLJ2-CSS13	940641-11	07/23/94	1551	8.96		37.76	
08	CLJ2-CSS14	940641-12	07/23/94	1634	8.96		37.77	
09	CLJ2-CSS15	940641-13	07/23/94	1718	8.96		37.77	
10	CLJ2-CSS16	940641-14	07/23/94	1801	8.96		37.77	
11	CLJ2-CSS17	940641-15	07/23/94	1844	8.96		37.77	
12	CLJ2-CSS18	940641-16	07/23/94	1928	8.96		37.77	
13	CLJ2-CSS19	940641-17	07/23/94	2011	8.97		37.79	
14	CLJ2-CSS20	940641-18	07/23/94	2054	8.96		37.77	
15	CLJ2-CSS21	940641-19	07/23/94	2138	8.96		37.77	
16	CLJ2-CSS22	940641-20	07/23/94	2221	8.96		37.77	
17	PIBLK0E	PIBLK0E	07/24/94	0114	8.97		37.80	
18	INDAM0C	INDAM0C	07/24/94	0158	8.97		37.80	
19	INDBM0C	INDBM0C	07/24/94	0241	8.97		37.80	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB608 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

Instrument ID: AD9 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 7.38 DCB: 33.71

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK20	PIBLK20	07/21/94	1204	7.38		33.71	
02	RESC2A	RESC2A	07/21/94	1205	7.38		33.73	
03	PEM2A	PEM2A	07/21/94	1249	7.39		33.72	
04	AR16602A	AR16602A	07/21/94	1334	7.38		33.71	
05	AR12212A	AR12212A	07/21/94	1418	7.38		33.72	
06	AR12322A	AR12322A	07/21/94	1502	7.38		33.71	
07	AR12422A	AR12422A	07/21/94	1547	7.38		33.71	
08	AR12482A	AR12482A	07/21/94	1631	7.38		33.71	
09	AR12542A	AR12542A	07/21/94	1715	7.38		33.71	
10	TOXAPH2A	TOXAPH2A	07/21/94	1800	7.38		33.71	
11	INDAL2A	INDAL2A	07/21/94	1844	7.38		33.72	
12	INDBL2A	INDBL2A	07/21/94	1928	7.38		33.71	
13	INDAM2A	INDAM2A	07/21/94	2141	7.38		33.71	
14	INDBM2A	INDBM2A	07/21/94	2226	7.38		33.71	
15	INDAH2A	INDAH2A	07/22/94	0039	7.38		33.71	
16	INDBH2A	INDBH2A	07/22/94	0123	7.38		33.71	
17	PIBLK2A	PIBLK2A	07/22/94	0207	7.38		33.71	
18	PEM2B	PEM2B	07/22/94	0252	7.38		33.71	
19	PIBLK2B	PIBLK2B	07/25/94	0903	7.38		33.73	
20	PEM2C	PEM2C	07/25/94	0947	7.38		33.72	
21	PIBLK2C	PIBLK2C	07/25/94	1755	7.38		33.71	
22	INDAM2B	INDAM2B	07/25/94	1839	7.38		33.70	
23	INDBM2B	INDBM2B	07/25/94	1923	7.38		33.70	
24	PBLK03	P0721-B1A	07/26/94	0034	7.38		33.70	
25	CLJ2-CSS04DL	940641-02DL	07/26/94	0119	7.37		33.70	
26	LJ2CSS12D	940641-10	07/26/94	0203	7.37		33.70	
27	PIBLK2D	PIBLK2D	07/26/94	0416	7.38		33.71	
28	PEM2D	PEM2D	07/26/94	0500	7.38		33.71	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD7 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.20 DCB: 27.45

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK10	PIBLK10	07/05/94	1935	5.21		27.45	
02	RESC1A	RESC1A	07/05/94	1936	5.19		27.45	
03	PEM1A	PEM1A	07/05/94	2019	5.20		27.44	
04	AR16601A	AR16601A	07/05/94	2103	5.20		27.44	
05	AR12211A	AR12211A	07/05/94	2146	5.20		27.44	
06	AR12321A	AR12321A	07/05/94	2230	5.20		27.44	
07	AR12421A	AR12421A	07/05/94	2313	5.20		27.44	
08	AR12481A	AR12481A	07/05/94	2356	5.20		27.45	
09	AR12541A	AR12541A	07/06/94	0040	5.20		27.45	
10	TOXAPH1A	TOXAPH1A	07/06/94	0123	5.20		27.45	
11	INDAL1A	INDAL1A	07/06/94	0206	5.20		27.45	
12	INDBL1A	INDBL1A	07/06/94	0250	5.20		27.45	
13	INDAM1A	INDAM1A	07/06/94	0500	5.20		27.45	
14	INDBM1A	INDBM1A	07/06/94	0543	5.20		27.45	
15	INDAH1A	INDAH1A	07/06/94	0753	5.20		27.44	
16	INDBH1A	INDBH1A	07/06/94	0837	5.20		27.46	
17	PIBLK1A	PIBLK1A	07/06/94	0920	5.21		27.45	
18	PEM1B	PEM1B	07/06/94	1003	5.20		27.45	
19	PIBLK1B	PIBLK1B	07/22/94	1645	5.18		27.43	
20	PEM1C	PEM1C	07/22/94	1729	5.20		27.43	
21	PBLK01	P0721-B1	07/22/94	1812	5.20		27.44	
22	PBLK02	P0721-B2	07/22/94	1856	5.21		27.45	
23	CLJ2-CSS03	940641-01	07/22/94	1939	5.20		27.44	
24	CLJ2-CSS04	940641-02	07/22/94	2023	5.20		27.44	
25	CLJ2-CSS06	940641-03	07/22/94	2106	5.20		27.44	
26	CLJ2-CSS07	940641-04	07/22/94	2149	5.20		27.44	
27	CLJ2-CSS08	940641-05	07/22/94	2233	5.20		27.44	
28	CLJ2-CSS09	940641-06	07/22/94	2316	5.20		27.44	
29	CLJ2-CSS10	940641-07	07/23/94	0000	5.20		27.45	
30	CLJ2-CSS11	940641-08	07/23/94	0043	5.20		27.45	
31	CLJ2-CSS12	940641-09	07/23/94	0126	5.20		27.44	
32	PIBLK1C	PIBLK1C	07/23/94	0253	5.20		27.44	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/05/94 07/06/94

Instrument ID: AD7 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.20 DCB: 27.45

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	INDAM1B	INDAM1B	07/23/94	0902	5.19		27.44	
02	INDBM1B	INDBM1B	07/23/94	1041	5.19		27.44	
03	LJ2CSS12DMS	940641-10MS	07/23/94	1212	5.20		27.44	
04	LJ2CSS12DMSD	940641-10MSD	07/23/94	1256	5.20		27.44	
05	PIBLK1D	PIBLK1D	07/23/94	1423	5.20		27.43	
06	PEM1D	PEM1D	07/23/94	1506	5.20		27.43	
07	CLJ2-CSS13	940641-11	07/23/94	1551	5.19		27.43	
08	CLJ2-CSS14	940641-12	07/23/94	1634	5.20		27.41	
09	CLJ2-CSS15	940641-13	07/23/94	1718	5.20		27.44	
10	CLJ2-CSS16	940641-14	07/23/94	1801	5.20		27.44	
11	CLJ2-CSS17	940641-15	07/23/94	1844	5.20		27.44	
12	CLJ2-CSS18	940641-16	07/23/94	1928	5.20		27.44	
13	CLJ2-CSS19	940641-17	07/23/94	2011	5.20		27.44	
14	CLJ2-CSS20	940641-18	07/23/94	2054	5.20		27.44	
15	CLJ2-CSS21	940641-19	07/23/94	2138	5.20		27.44	
16	CLJ2-CSS22	940641-20	07/23/94	2221	5.20		27.44	
17	PIBLK1E	PIBLK1E	07/24/94	0114	5.20		27.45	
18	INDAM1C	INDAM1C	07/24/94	0158	5.20		27.45	
19	INDBM1C	INDBM1C	07/24/94	0241	5.20		27.45	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

GC Column: DB1701 ID: 0.53(mm) Init. Calib. Date(s): 07/21/94 07/22/94

Instrument ID: AD8 1

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.21 DCB: 29.20

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PIBLK30	PIBLK30	07/21/94	1204	6.21		29.21	
02	RESC3A	RESC3A	07/21/94	1205	6.22		29.22	
03	PEM3A	PEM3A	07/21/94	1249	6.22		29.21	
04	AR16603A	AR16603A	07/21/94	1334	6.22		29.20	
05	AR12213A	AR12213A	07/21/94	1418	6.21		29.21	
06	AR12323A	AR12323A	07/21/94	1502	6.21		29.20	
07	AR12423A	AR12423A	07/21/94	1547	6.21		29.20	
08	AR12483A	AR12483A	07/21/94	1631	6.21		29.20	
09	AR12543A	AR12543A	07/21/94	1715	6.21		29.20	
10	TOXAPH3A	TOXAPH3A	07/21/94	1800	6.21		29.20	
11	INDAL3A	INDAL3A	07/21/94	1844	6.21		29.21	
12	INDBL3A	INDBL3A	07/21/94	1928	6.21		29.20	
13	INDAM3A	INDAM3A	07/21/94	2141	6.21		29.20	
14	INDBM3A	INDBM3A	07/21/94	2226	6.21		29.20	
15	INDAH3A	INDAH3A	07/22/94	0039	6.21		29.20	
16	INDBH3A	INDBH3A	07/22/94	0123	6.21		29.20	
17	PIBLK3A	PIBLK3A	07/22/94	0207	6.21		29.21	
18	PEM3B	PEM3B	07/22/94	0252	6.21		29.20	
19	PIBLK3B	PIBLK3B	07/25/94	0903	6.21		29.22	
20	PEM3C	PEM3C	07/25/94	0947	6.22		29.21	
21	PIBLK3C	PIBLK3C	07/25/94	1755	6.21		29.20	
22	INDAM3B	INDAM3B	07/25/94	1839	6.21		29.20	
23	INDBM3B	INDBM3B	07/25/94	1923	6.21		29.20	
24	PBLK03	P0721-B1A	07/26/94	0034	6.21		29.20	
25	CLJ2-CSS04DL	940641-02DL	07/26/94	0119	6.21		29.21	
26	LJ2CSS12D	940641-10	07/26/94	0203	6.21		29.20	
27	PIBLK3D	PIBLK3D	07/26/94	0416	6.21		29.20	
28	PEM3D	PEM3D	07/26/94	0500	6.21		29.20	

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS03

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Samole ID : 940641-01 Dates(s) Analyzed: 07/22/94 07/22/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Dieldrin	1	22.45	22.34	22.48	122	
	2	16.99	16.87	17.01	31.2	291.0
4,4'-DDE	1	22.05	21.99	22.13	675	
	2	16.44	16.39	16.53	630	7.1
4,4'-DDD	1	24.54	24.46	24.60	1110	
	2	19.68	19.62	19.76	709	56.6
4,4'-DDT	1	25.85	25.78	25.92	1510	
	2	20.32	20.26	20.40	1430	5.6
alpha-Chlordane	1	20.92	20.83	20.97	40.6	
	2	15.98	15.89	16.03	149	267.0
gamma-Chlordane	1	20.18	20.10	20.24	46.5	
	2	15.72	15.67	15.81	36.6	27.0

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS04

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-02 Dates(s) Analyzed: 07/22/94 07/22/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
Dieldrin	1	22.45	22.34	22.48	148	
	2	16.99	16.87	17.01	37.9	290.5
4,4'-DDE	1	22.05	21.99	22.13	448	
	2	16.45	16.39	16.53	364	23.1
4,4'-DDD	1	24.52	24.46	24.60	17100	
	2	19.68	19.62	19.76	14700	16.3
4,4'-DDT	1	25.85	25.78	25.92	1240	
	2	20.32	20.26	20.40	1280	3.2
alpha-Chlordane	1	20.90	20.83	20.97	27.3	
	2	15.98	15.89	16.03	174	537.4
gamma-Chlordane	1	20.16	20.10	20.24	71.3	
	2	15.73	15.67	15.81	44.3	61.0

10A

PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS04DL

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-02DL Dates(s) Analyzed: 07/26/94 07/26/94

Instrument ID (1): AD9 1 Instrument ID (2): AD8 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	19.89	19.83	19.97	336	
	2	17.94	17.88	18.02	307	9.4
4,4'-DDD	1	22.32	22.26	22.40	12300	
	2	21.16	21.10	21.24	12800	4.1
4,4'-DDT	1	23.61	23.54	23.68	727	
	2	21.85	21.78	21.92	637	14.1

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLJ2-CSS06

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-03 Dates(s) Analyzed: 07/22/94 07/22/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	37.2	
	2	16.45	16.39	16.53	35.1	6.0
4,4'-DDD	1	24.53	24.46	24.60	125	
	2	19.68	19.62	19.76	108	15.7
4,4'-DDT	1	25.85	25.78	25.92	127	
	2	20.32	20.26	20.40	127	0.0
alpha-Chlordane	1	20.90	20.83	20.97	3.26	
	2	15.97	15.89	16.03	5.41	66.0
gamma-Chlordane	1	20.16	20.10	20.24	1.63	
	2	15.73	15.67	15.81	2.90	77.9

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS07

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-04 Dates(s) Analyzed: 07/22/94 07/22/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	5.45	
	2	16.45	16.39	16.53	5.06	7.7
4,4'-DDD	1	24.53	24.46	24.60	5.54	
	2	19.68	19.62	19.76	4.85	14.2
4,4'-DDT	1	25.86	25.78	25.92	4.16	
	2	20.32	20.26	20.40	4.29	3.1

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS08

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-05 Dates(s) Analyzed: 07/22/94 07/22/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.07	21.99	22.13	2.66	
	2	16.45	16.39	16.53	1.58	68.4
4,4'-DDD	1	24.53	24.46	24.60	13.5	
	2	19.68	19.62	19.76	11.2	20.5
4,4'-DDT	1	25.86	25.78	25.92	8.60	
	2	20.32	20.26	20.40	7.93	8.4

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS09

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-06 Dates(s) Analyzed: 07/22/94 07/22/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	328	
	2	16.45	16.39	16.53	296	10.8
4,4'-DDD	1	24.53	24.46	24.60	2890	
	2	19.68	19.62	19.76	2780	4.0
4,4'-DDT	1	25.86	25.78	25.92	5870	
	2	20.32	20.26	20.40	5540	6.0

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS10

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-07 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	27.0	
	2	16.45	16.39	16.53	21.2	27.4
4,4'-DDD	1	24.54	24.46	24.60	169	
	2	19.68	19.62	19.76	144	17.4
4,4'-DDT	1	25.86	25.78	25.92	233	
	2	20.32	20.26	20.40	238	2.1

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS11

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-08 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	97.1	
	2	16.45	16.39	16.53	91.9	5.7
4,4'-DDD	1	24.55	24.46	24.60	187	
	2	19.68	19.62	19.76	108	73.2
4,4'-DDT	1	25.86	25.78	25.92	410	
	2	20.32	20.26	20.40	406	1.0

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS12

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-09 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	1750	
	2	16.45	16.39	16.53	1500	16.7
4,4'-DDD	1	24.53	24.46	24.60	24300	
	2	19.63	19.62	19.76	20500	18.5
4,4'-DDT	1	25.86	25.78	25.92	13600	
	2	20.32	20.26	20.40	13000	4.6
alpha-Chlordane	1	20.90	20.83	20.97	304	
	2	15.97	15.89	16.03	784	157.9
gamma-Chlordane	1	20.17	20.10	20.24	323	
	2	15.73	15.67	15.81	472	46.1

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PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.
CLJ2-CSS13

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-11 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
delta-BHC	1	15.85	15.85	15.95	4.46	
	2	13.82	13.81	13.91	6.96	56.0
Heptachlor epoxide	1	19.42	19.37	19.51	8.30	
	2	14.37	14.32	14.46	10.6	30.1
4,4'-DDE	1	22.04	21.99	22.13	17.8	
	2	16.44	16.39	16.53	12.4	43.6
4,4'-DDD	1	24.53	24.46	24.60	27.1	
	2	19.67	19.62	19.76	19.6	38.3
4,4'-DDT	1	25.84	25.78	25.92	32.2	
	2	20.31	20.26	20.40	32.8	1.9
alpha-Chlordane	1	20.88	20.83	20.97	5.11	
	2	15.94	15.89	16.03	12.5	144.6
gamma-Chlordane	1	20.16	20.10	20.24	8.72	
	2	15.72	15.67	15.81	6.78	28.6

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS14

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-12 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	3750	
	2	16.44	16.39	16.53	3230	16.1
4,4'-DDD	1	24.52	24.46	24.60	90600	
	2	19.67	19.62	19.76	76200	18.9
4,4'-DDT	1	25.85	25.78	25.92	45100	
	2	20.31	20.26	20.40	42600	5.9

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.
CLJ2-CSS15

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-13 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	4660	
	2	16.45	16.39	16.53	3830	21.7
4,4'-DDD	1	24.53	24.46	24.60	169000	
	2	19.68	19.62	19.76	134000	26.1
4,4'-DDT	1	25.85	25.78	25.92	105000	
	2	20.32	20.26	20.40	98900	6.2

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS16

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-14 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	73900	
	2	16.45	16.39	16.53	66900	10.5
4,4'-DDD	1	24.53	24.46	24.60	636000	
	2	19.68	19.62	19.76	453000	40.4
4,4'-DDT	1	25.85	25.78	25.92	495000	
	2	20.32	20.26	20.40	461000	2.9

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS17

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-15 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	24.53	24.46	24.60	9090	
	2	19.68	19.62	19.76	8760	3.8

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PESTICIDE IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS18

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-16 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	7210	
	2	16.45	16.39	16.53	5740	25.6
4,4'-DDD	1	24.54	24.46	24.60	282000	
	2	19.68	19.62	19.76	204000	38.2
4,4'-DDT	1	25.86	25.78	25.92	225000	
	2	20.32	20.26	20.40	221000	1.8

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS19

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-17 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	1.29	
	2	16.45	16.39	16.53	0.626	106.1
4,4'-DDD	1	24.53	24.46	24.60	42.7	
	2	19.68	19.62	19.76	40.4	5.7
4,4'-DDT	1	25.86	25.78	25.92	4.14	
	2	20.33	20.26	20.40	3.26	27.0

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS20

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-18 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.06	21.99	22.13	2640	
	2	16.45	16.39	16.53	1990	32.7
4,4'-DDD	1	24.53	24.46	24.60	81300	
	2	19.68	19.62	19.76	77800	4.5

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS21

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-19 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	24.54	24.46	24.60	8190	
	2	19.68	19.62	19.76	6780	20.8
4,4'-DDT	1	25.86	25.78	25.92	3210	
	2	20.33	20.26	20.40	3040	5.6

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

CLJ2-CSS22

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-20 Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDD	1	24.54	24.46	24.60	172000	
	2	19.69	19.62	19.76	128000	34.4
4,4'-DDT	1	25.86	25.78	25.92	148000	
	2	20.33	20.26	20.40	139000	6.5

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

LJ2CSS12D

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-10 Dates(s) Analyzed: 07/26/94 07/26/94

Instrument ID (1): AD9 1 Instrument ID (2): AD8 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	19.89	19.83	19.97	2460	
	2	17.95	17.88	18.02	2370	3.8
4,4'-DDD	1	22.33	22.26	22.40	50700	
	2	21.17	21.10	21.24	52400	3.4
4,4'-DDT	1	23.61	23.54	23.68	4830	
	2	21.85	21.78	21.92	4150	16.4
alpha-Chlordane	1	18.68	18.61	18.75	675	
	2	17.45	17.37	17.51	1360	101.5
gamma-Chlordane	1	17.97	17.90	18.04	598	
	2	17.21	17.14	17.28	808	35.1

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

LJ2CSS12DMS

Lab Name: CEIMIC CORP Contract: OHM

Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-10MS Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	1880	
	2	16.44	16.39	16.53	1590	18.2
4,4'-DDD	1	24.52	24.46	24.60	34800	
	2	19.67	19.62	19.76	32900	5.8
4,4'-DDT	1	25.85	25.78	25.92	5350	
	2	20.32	20.26	20.40	4800	11.5
alpha-Chlordane	1	20.89	20.83	20.97	463	
	2	15.97	15.89	16.03	1130	144.1
gamma-Chlordane	1	20.16	20.10	20.24	440	
	2	15.72	15.67	15.81	648	47.3

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

LJ2CSS12DMSD

Lab Name: CEIMIC CORP Contract: OHM

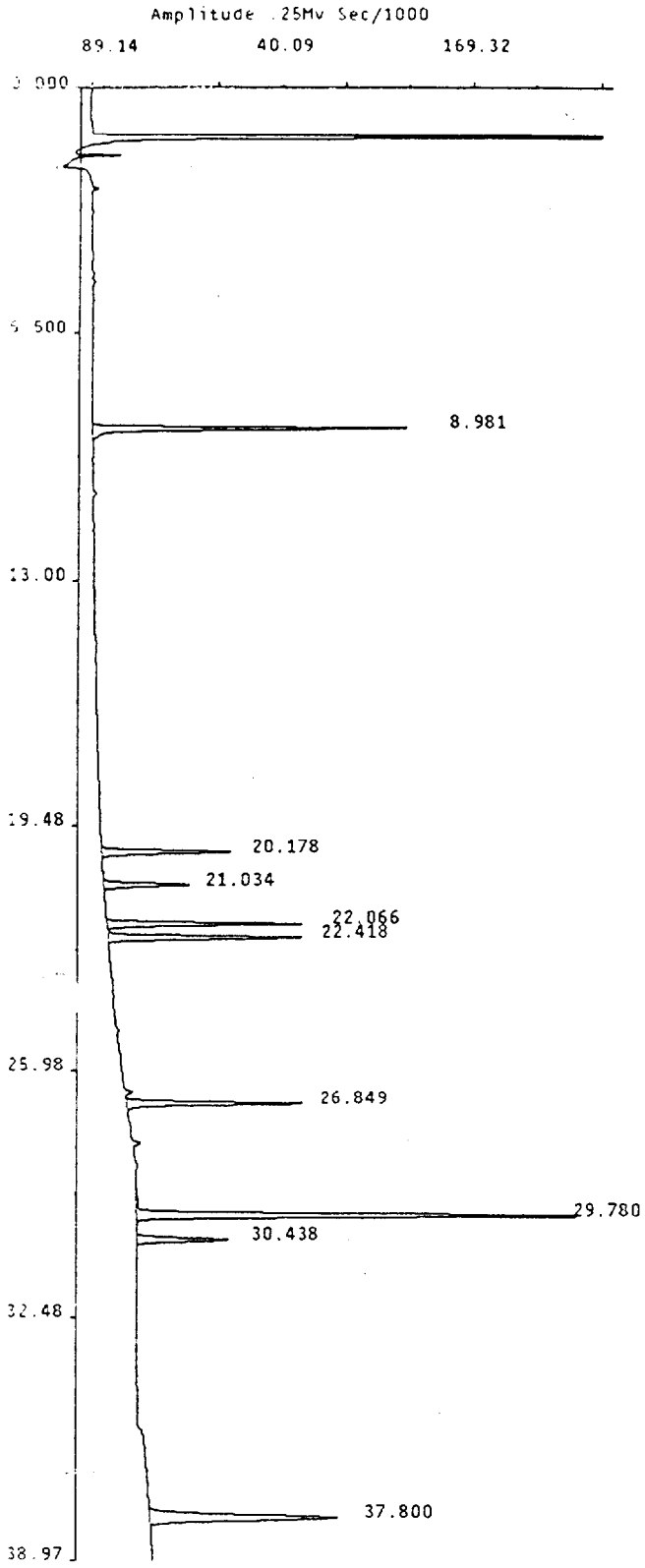
Lab Code: CEIMIC Case No.: 16207 SAS No.: _____ SDG No.: 2CSS03

Lab Sample ID : 940641-10MSD Dates(s) Analyzed: 07/23/94 07/23/94

Instrument ID (1): AD6 1 Instrument ID (2): AD7 1

GC Column(1): DB608 ID: 0.53(mm) GC Column(2): DB1701 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	22.05	21.99	22.13	2100	
	2	16.44	16.39	16.53	1800	16.7
4,4'-DDD	1	24.52	24.46	24.60	44600	
	2	19.67	19.62	19.76	42300	5.4
4,4'-DDT	1	25.85	25.78	25.92	5580	
	2	20.32	20.26	20.40	5020	11.2
alpha-Chlordane	1	20.89	20.83	20.97	386	
	2	15.97	15.89	16.03	1120	190.2
gamma-Chlordane	1	20.16	20.10	20.24	412	
	2	15.72	15.67	15.81	641	55.6



Ceimic Corporation Pest/PCB Report

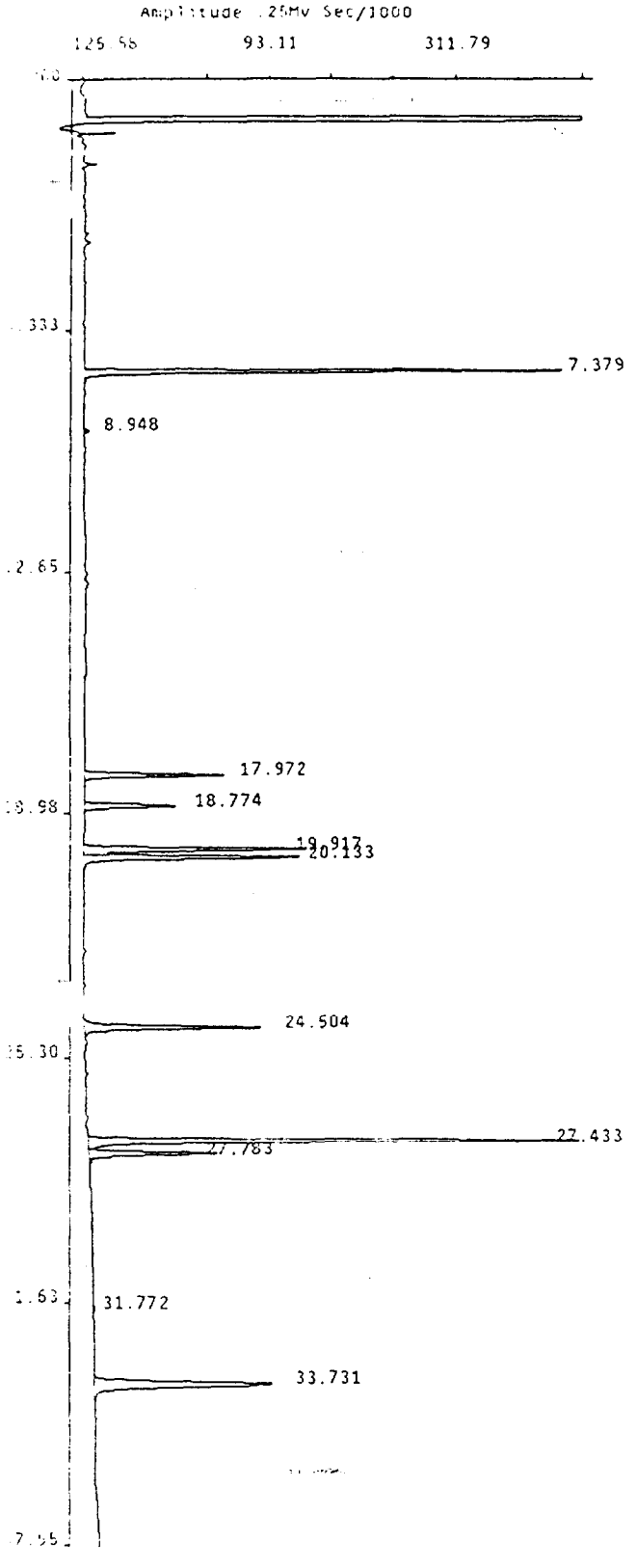
Sample Name : RESCOA
Lab Id : RESCOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL001.RES
Inject Time : 1936 05Jul1994
Run Status : RunStatusOK
EndOffBaseline

jf 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.98	69258	BB	.020	TCX
2	20.18	33055	BB	.008	G. CHLORDANE
3	21.03	22508	BB	.009	ENDOSULF. I
4	22.07	46690	BB	.017	4,4'-DDE
5	22.42	49971	BB	.019	DIELDRIN
6	26.85	44559	BB	.017	ENDO. SULFAT
7	29.78	123720	BB	.084	METHOXYCHLOR
8	30.44	26642	BB	.015	ENDRIN KETON
9	37.80	80129	BB	.018	DCB
		496532			

Total Area: 496532

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1011 06Jul1994



Ceimic Corporation Pest/PCB Report

Page 1

Sample Name : RESCOA / RescdA
Lab Id : RESCOA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL001.RES
Inject Time : 1205 21Jul1994
Run Status : RunStatusOK
SpecialInteg

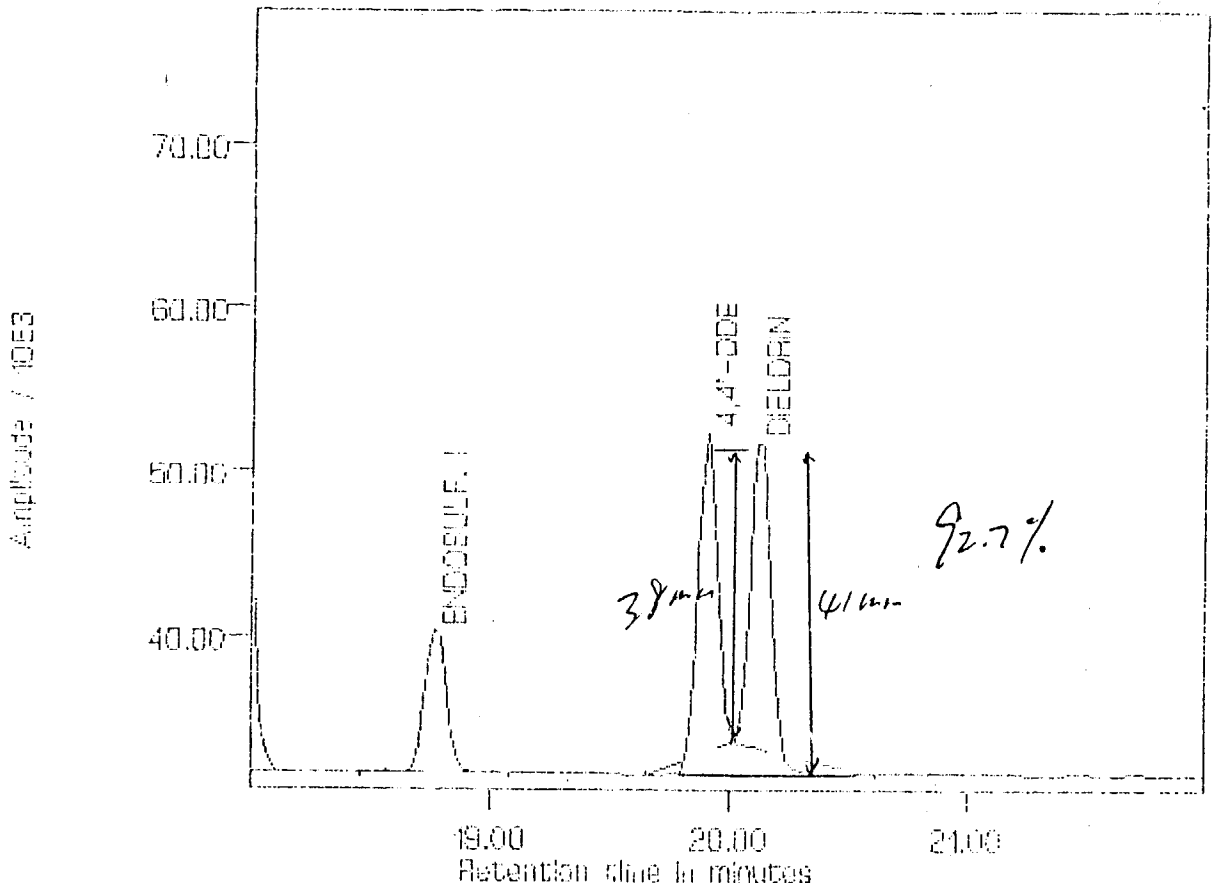
Pk #	RT	Area	Code	MASSng	Name
1	7.38	200682	BB	.019	TCX
2	8.95	2342	BB	.001	
3	17.97	82387	BB	.008	G. CHLORDANE
4	18.77	54454	BB	.008	ENDOSULF. I
5	19.92	125595	FF	.016	4,4'-DDE
6	20.13	130864	FF	.019	DIELDRIN
7	24.50	109460	BB	.016	ENDO. SULFAT
8	27.43	291746	FF	.079	METHOXYCHLOR
9	27.78	79926	FF	.014	ENDRIN KETON
10	31.77	8644	BB	.002	
11	33.73	169312	BB	.017	DCB

Total Area: 1255412

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2056 25Jul1994

Resc2A 7-26-94

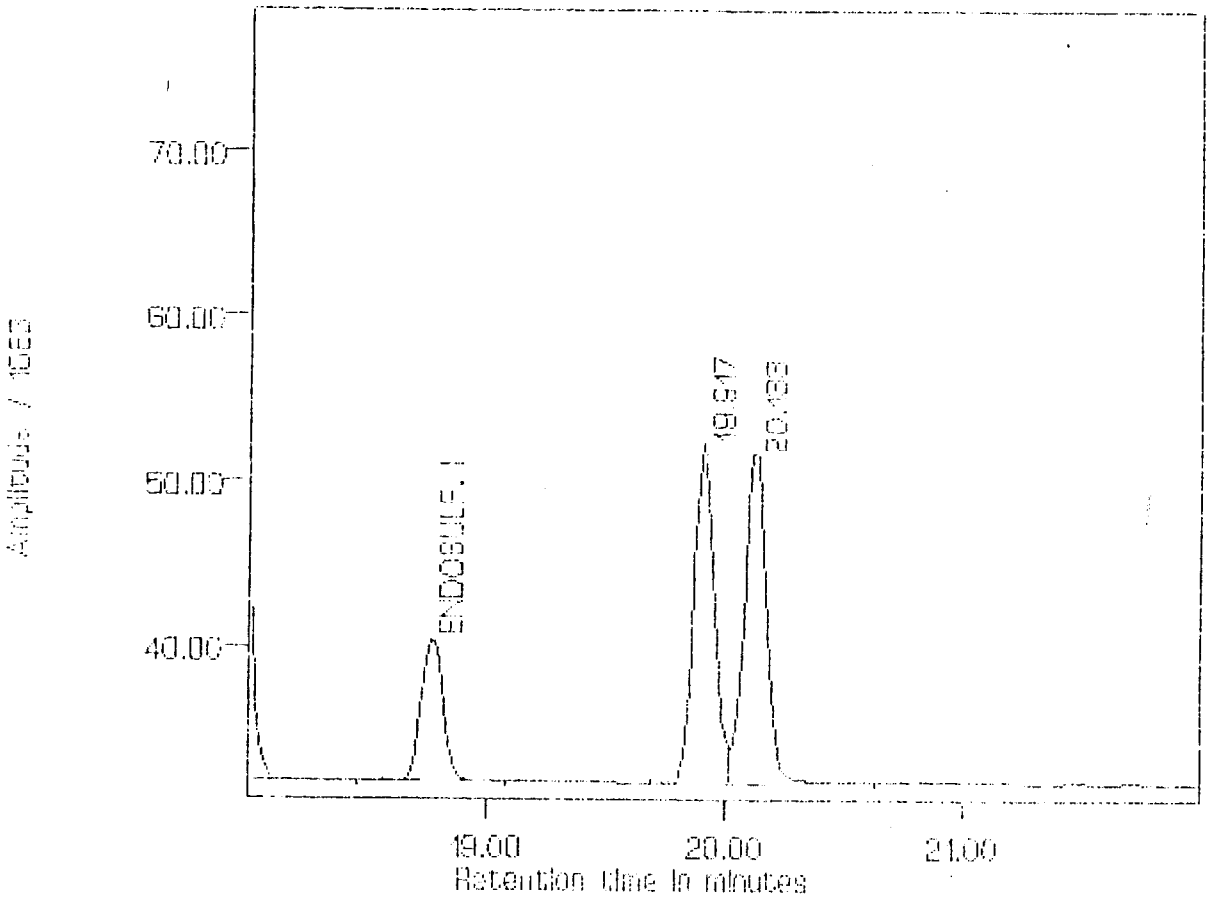
Sample : ~~FILSCOA~~ Injected : THU JUL 21, 1994 12:05:25 PM



Result : M9P21JUL001 Method : INDABN9

Rescd A fl 7-26-94

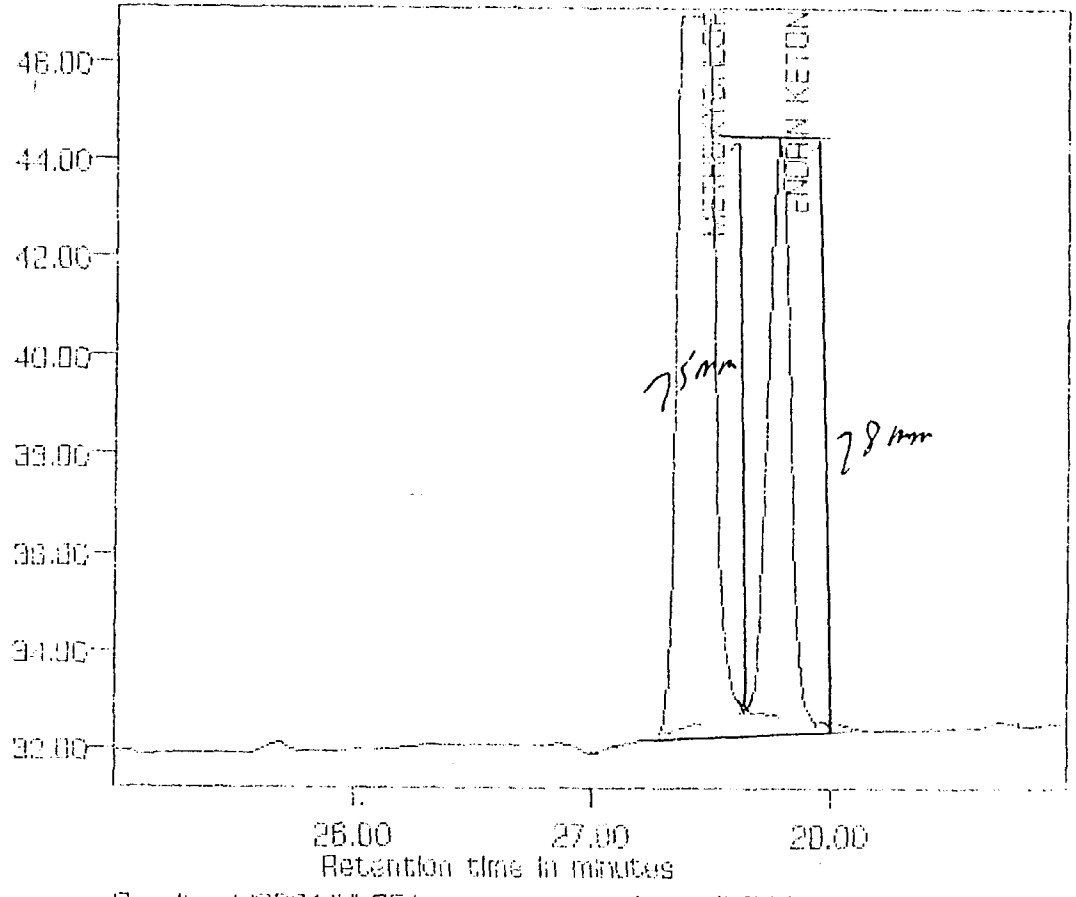
Sample : ~~RESCDA~~ Injected : THU JUL 21, 1994 12:05:25 PM



Result : M9F21JULQ01 Method : INDABQ9

Rescan 7-26-94

Sample : ~~RESCAN~~ Injected : THU JUL 21, 1994 12:05:25 PM

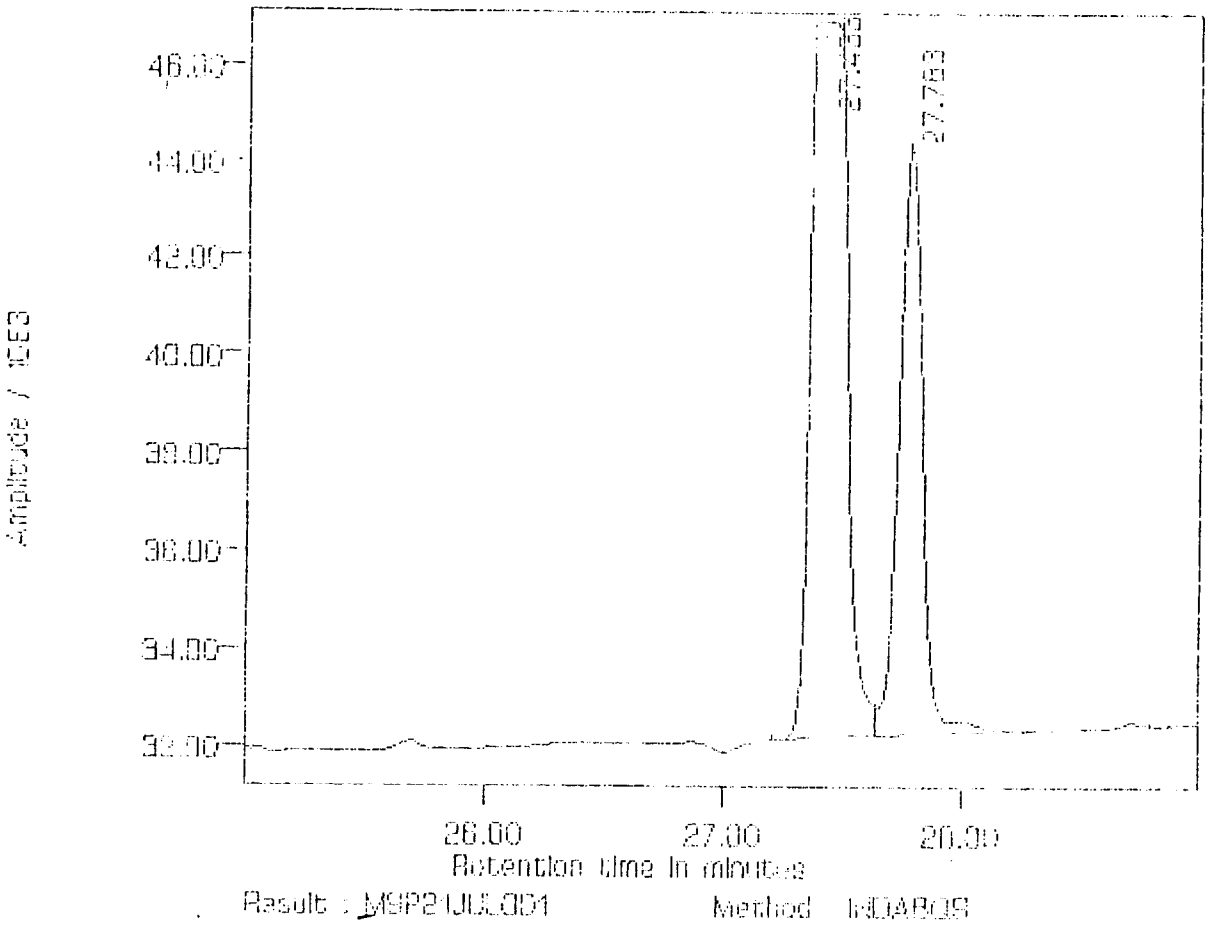


Result : M9P21JUL001 Method : INDAB38

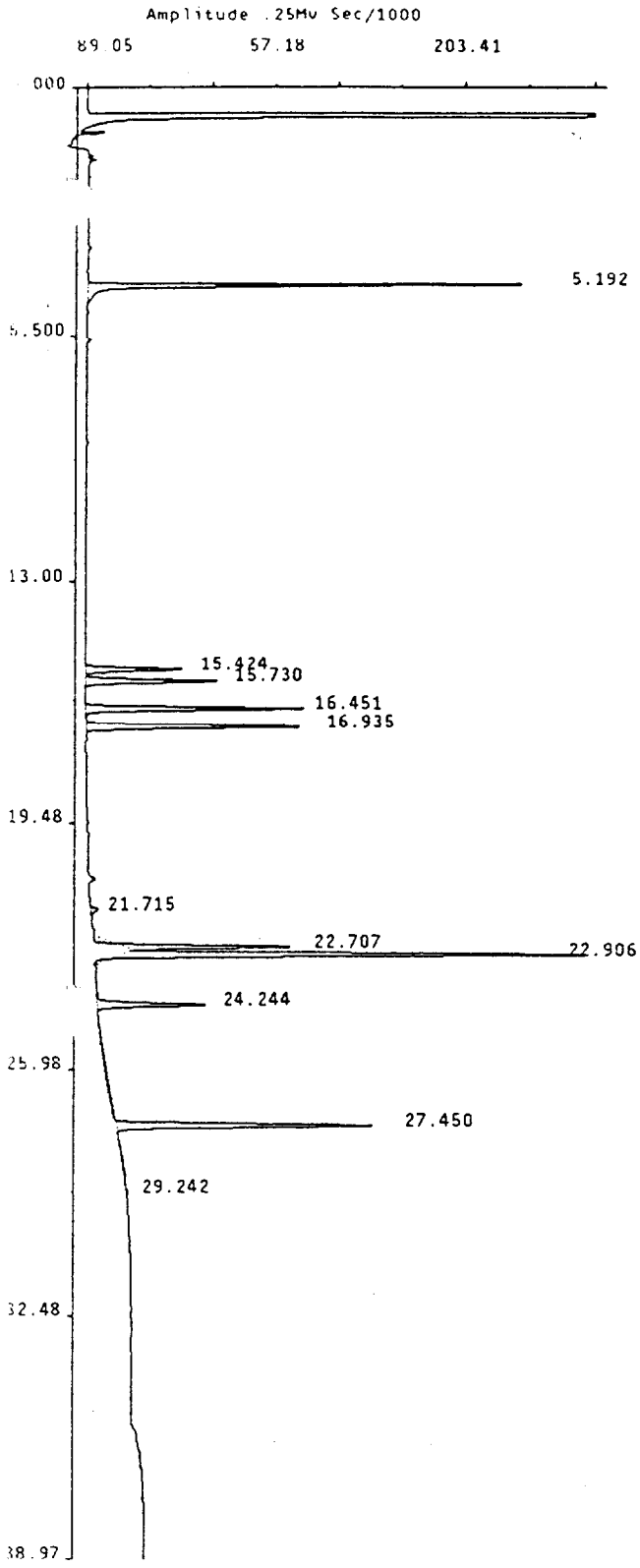
96.2%

Resc2A fl 7-26-94

Sample : ~~RESC2A~~ Injected : THU JUL 21, 1994 12:05:25 PM



Result : MSP21JUL001 Method INDABQS



Ceimic Corporation Pest/PCB Report

Sample Name : RESC1A
Lab Id : RESC1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL001.RES
Inject Time : 1936 05Jul1994
Run Status : RunStatusOK

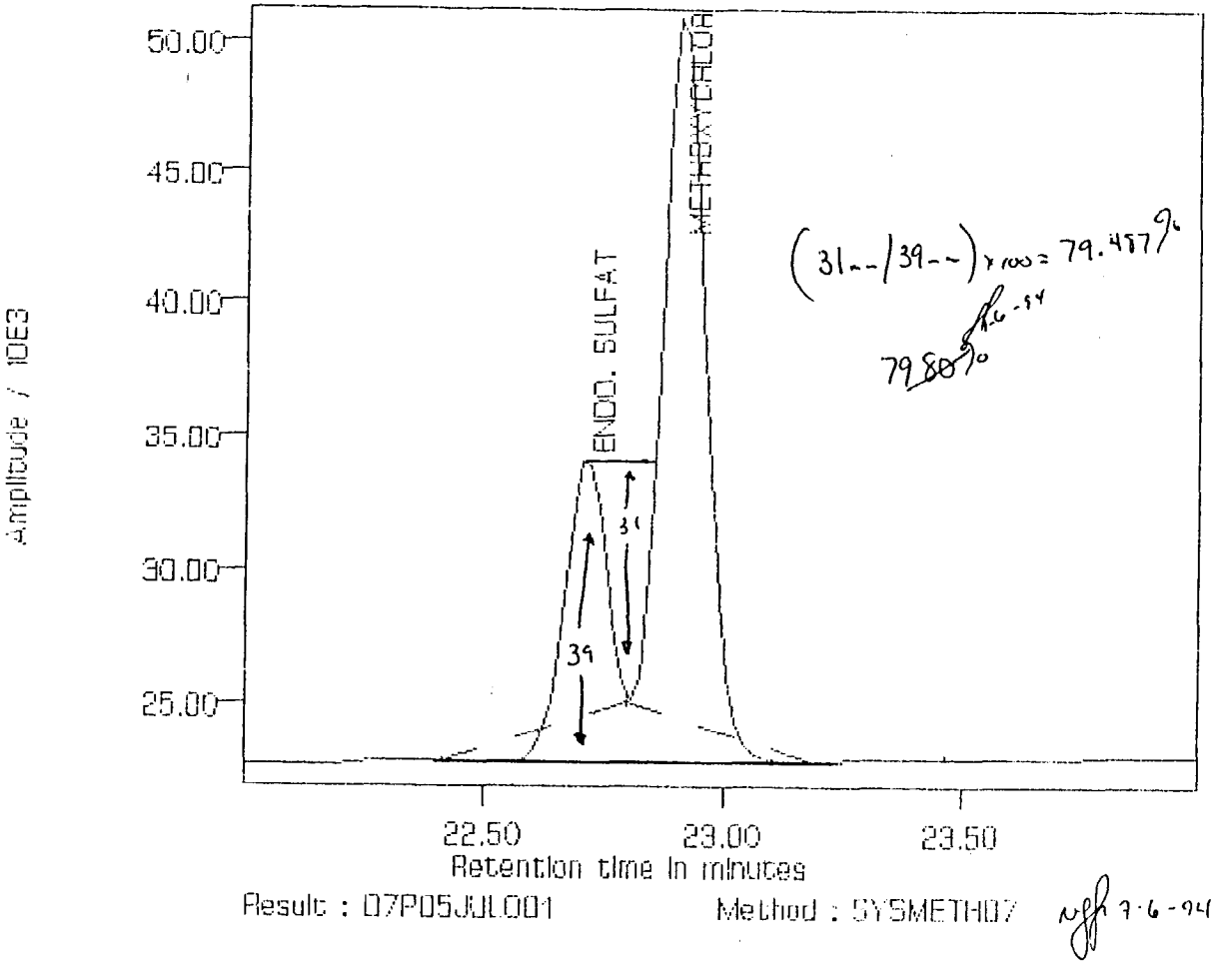
7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.19	117023	BB	.020	TCX
2	15.42	35448	BB	.009	ENDOSULF. I
3	15.73	48695	BB	.009	G. CHLORDANE
4	16.45	80694	BB	.017	4,4'-DDE
5	16.94	78502	BB	.019	DIELDRIN
6	21.72	3323	BB	.000	
7	22.71	45628	BB	.011	ENDO. SULFAT
8	22.91	155122	BB	.074	METHOXYCHLOR
9	24.24	41613	BB	.015	ENDRIN KETON
10	27.45	85452	BB	.016	DCB
11	29.24	5340	BB	.001	
Total Area:		696841			

Method File: /DATA/METHOD/INDA8Q7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1129 06Jul1994

Resc1A

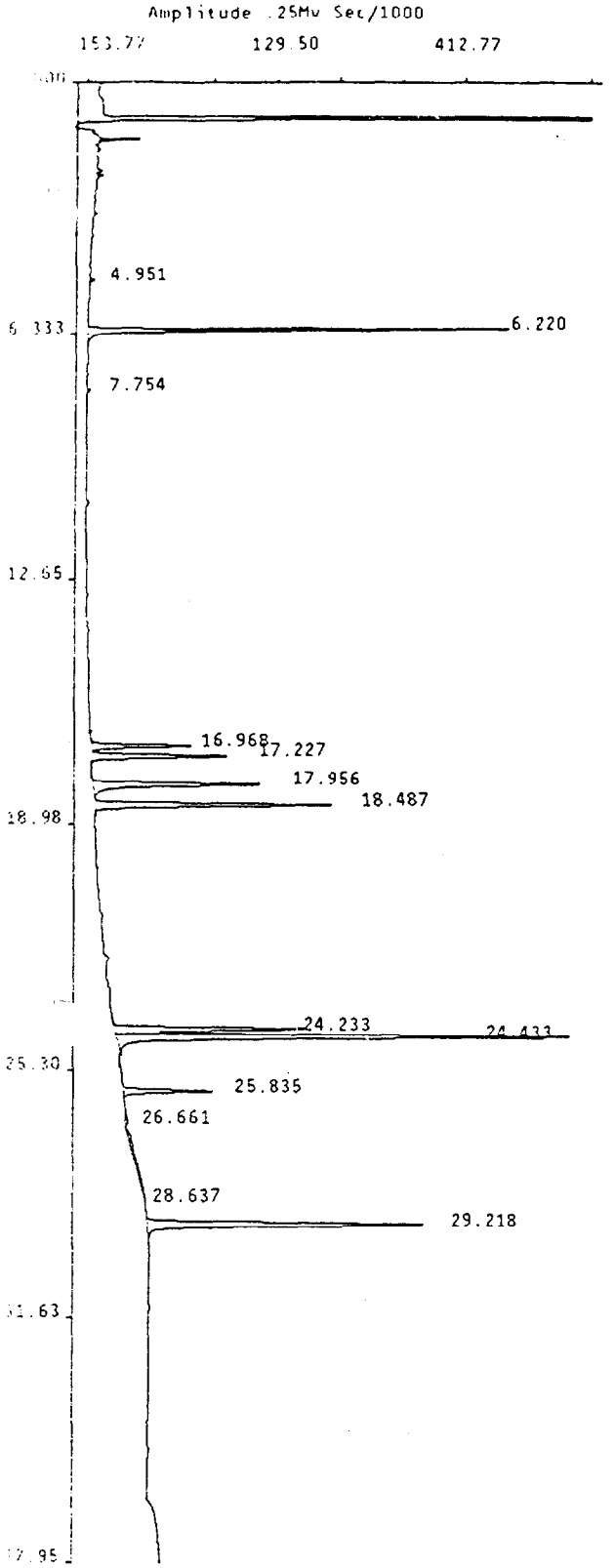
Sample : Injected : TUE JUL 5, 1994 7:36:33 PM



$(31--/39--) \times 100 = 79.487\%$ 7-6-94

79.80%

Result : 07P05JUL001 Method : SYSMETH07 7-6-94



Ceimic Corporation Pest/PCB Report

Page 1

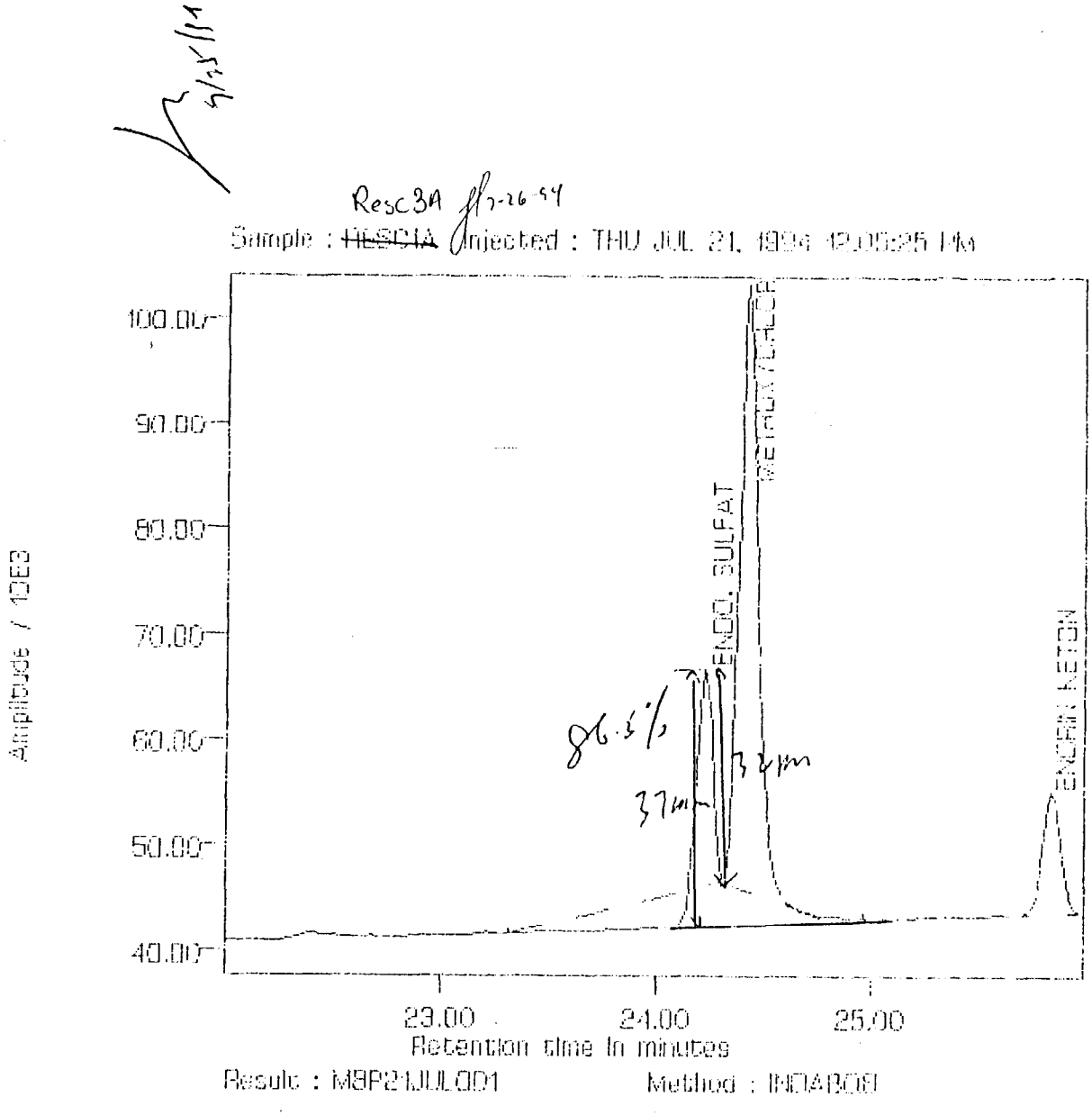
Sample Name : RESC1A (Resc3A)
Lab Id : RESC1A .I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL001.RES
Inject Time : 1205 21Jul1994
Run Status : RunStatusOK
EndOffBaseline
SpecialInteg

7/21/94

Pk #	RT	Area	Code	MASSng	Name
1	4.95	2852	VB	.001	
2	6.22	232529	BB	.020	TCX
3	7.75	2411	BB	.001	
4	16.97	70043	BB	.008	ENDOSULF. I
5	17.23	107608	BB	.009	G. CHLORDANE
6	17.96	155541	BB	.018	4,4'-DDE
7	18.49	174126	BB	.019	DIELDRIN
8	24.23	140319	FF	.017	ENDO. SULFAT
9	24.43	402135	FF	.095	METHOXYCHLOR
10	25.84	66621	BB	.012	ENDRIN KETON
11	26.66	7163	BB	.002	
12	28.64	28862	BB	.006	
13	29.22	254655	BB	.019	DCB

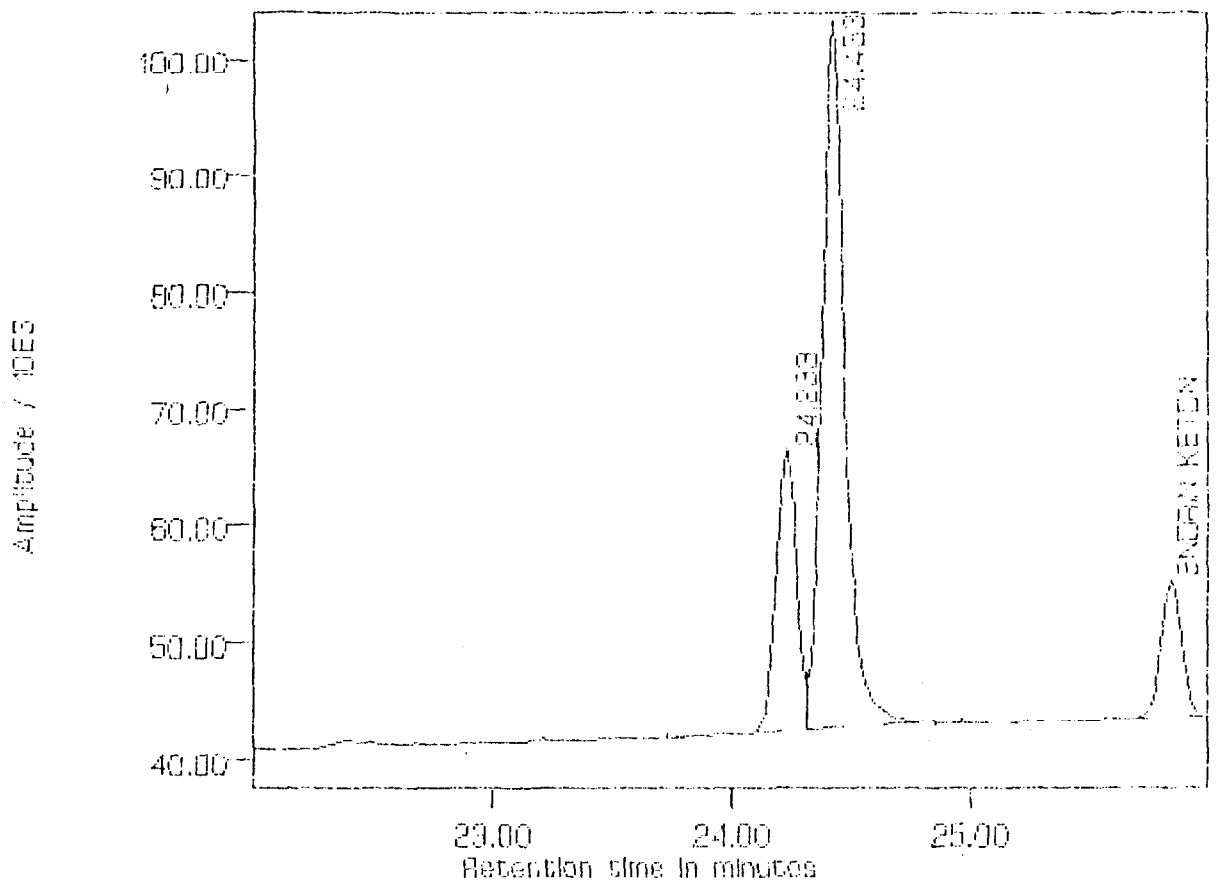
Total Area: 1644865

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2058 25Jul1994

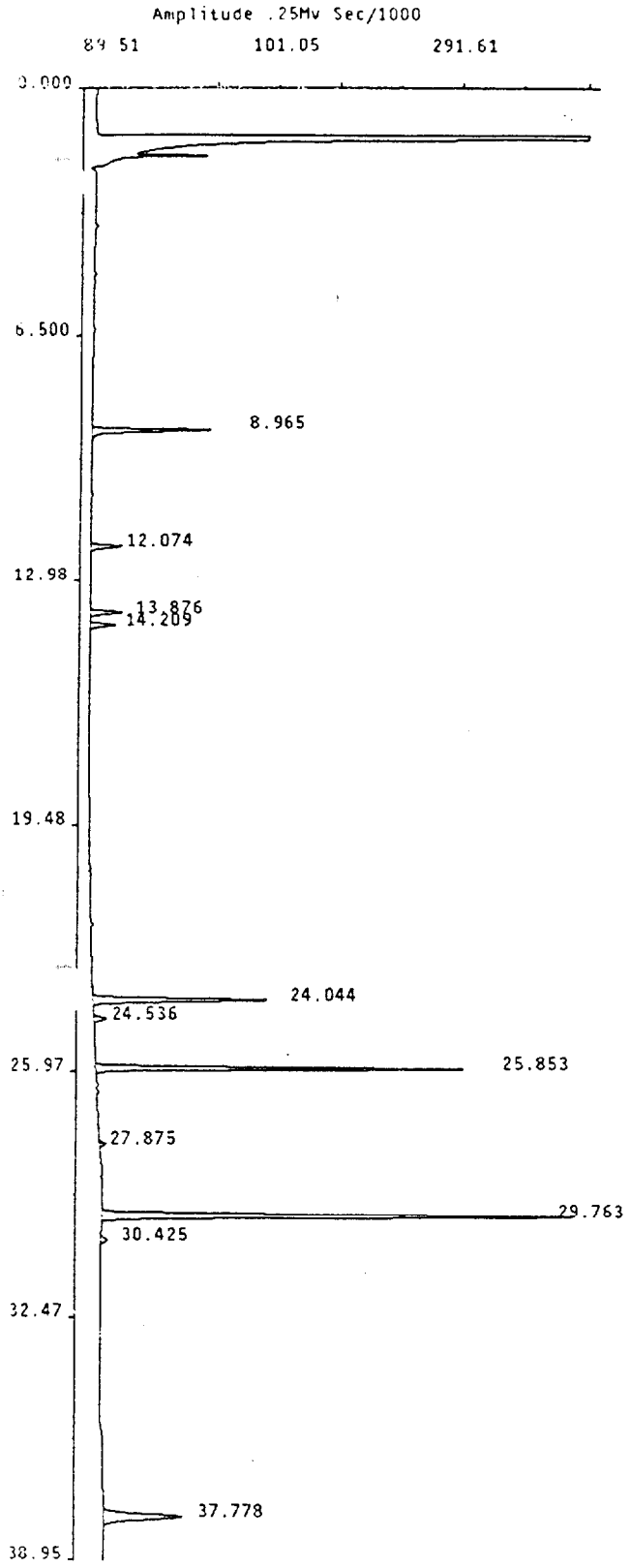

Resc3A
Sample : ~~HESCIA~~ Injected : THU JUL 21, 1994 12:05:25 PM
100.00
90.00
80.00
70.00
60.00
50.00
40.00
Amplitude / 10E3
23.00
24.00
25.00
Retention time in minutes
ENDO. SULFAT
METHOXYCHLOR
ENDRIN KETON
86.5%
37mm
32mm
Result : M8P21JUL001
Method : INDA808

Resc3A 7-26-94

Sample : ~~RESC1A~~ Injected : THU JUL 21, 1994 12:06:25 PM



Result : MSP21JUL001 Method : INDABQS



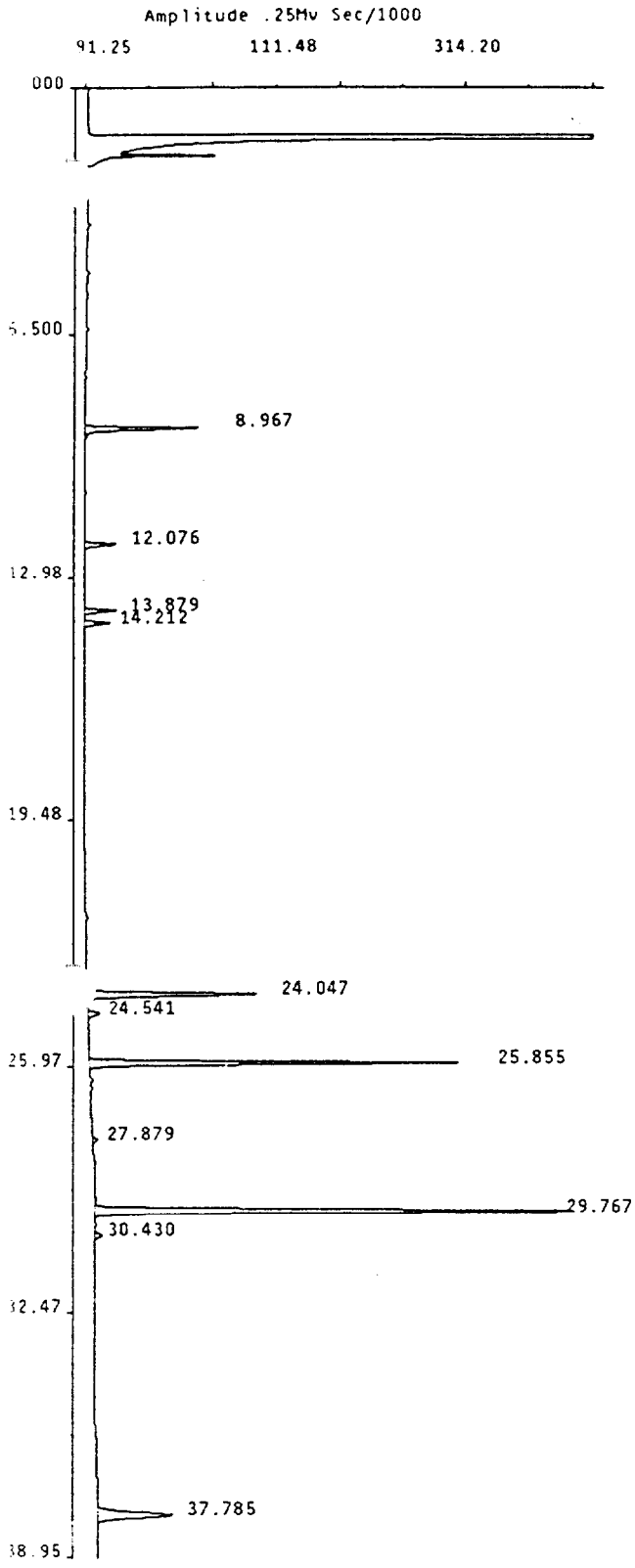
Ceimic Corporation Pest/PCB Report

Sample Name : PEM0A
Lab Id : PEM0A ,I
Inst Id & Col : AD6_1, D8608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL002.RES
Inject Time : 2019 05Jul1994
Run Status : RunStatusOK
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	67110	BB	.019	TCX
2	12.07	18578	BB	.009	ALPHA-BHC
3	13.88	19214	BB	.009	GAMMA-BHC
4	14.21	14974	BB	.008	BETA-BHC
5	24.04	108745	BB	.046	ENDRIN
6	24.54	8613	BB	.004	4,4'-DDD
7	25.85	218874	BB	.101	4,4'-DDT
8	27.87	3437	BB	.003	
9	29.76	331267	BB	.226	METHOXYCHLOR
10	30.42	4842	BB	.003	ENDRIN KETON
11	37.78	87098	BB	.020	DCB
Total Area:		882752			

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1010 06Jul1994



Ceimic Corporation Pest/PCB Report

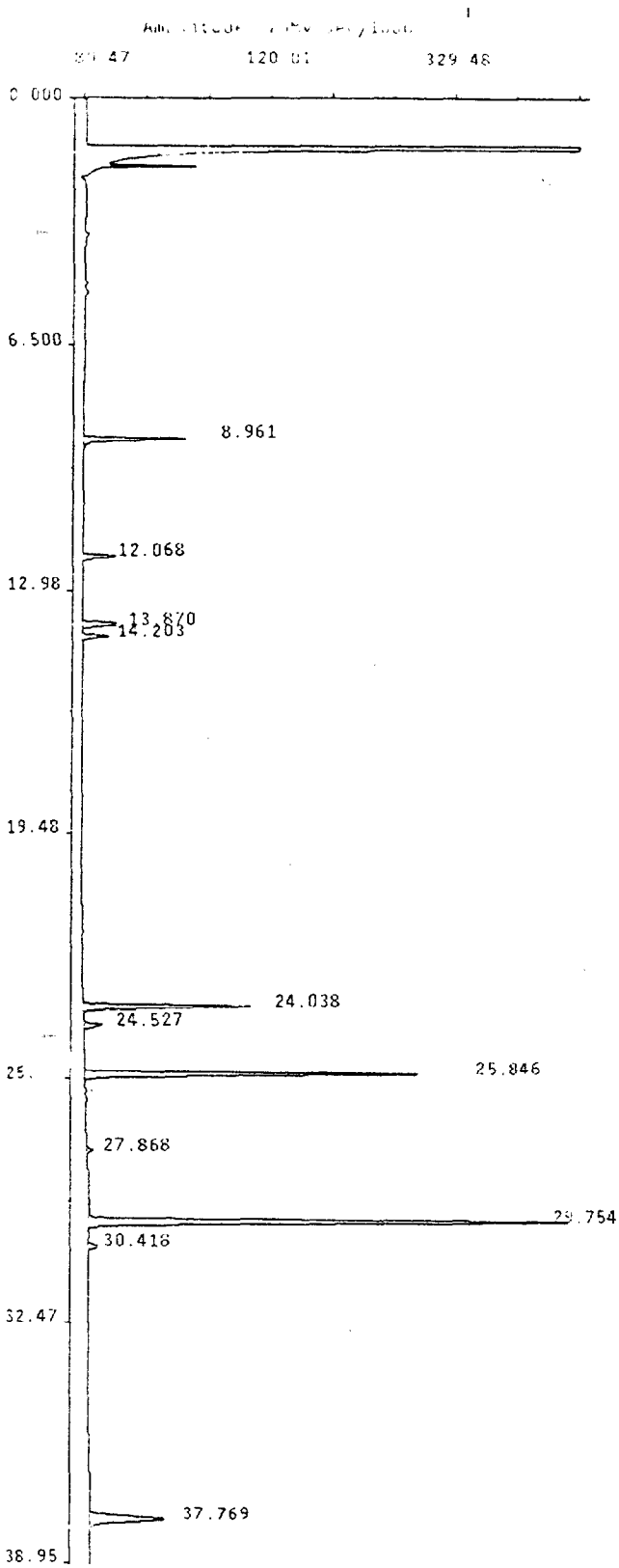
Sample Name : PEM08
Lab Id : PEM08 ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL021.RES
Inject Time : 1003 06Jul1994
Run Status : RunStatusOK
SignalOverload

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	68051	BB	.019	TCX
2	12.08	20652	BB	.010	ALPHA-BHC
3	13.88	21449	BB	.010	GAMMA-BHC
4	14.21	16579	BB	.009	BETA-BHC
5	24.05	115560	BB	.049	ENDRIN
6	24.54	9166	BB	.005	4,4'-DDD
7	25.86	233841	BB	.108	4,4'-DDT
8	27.88	2841	BB	.002	
9	29.77	367481	BB	.251	METHOXYCHLOR
10	30.43	6236	BB	.003	ENDRIN KETON
11	37.79	90853	BB	.021	DCB

Total Area: 952709

Method File: /DATA/METHOD/INDA8Q6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1052 06Jul1994



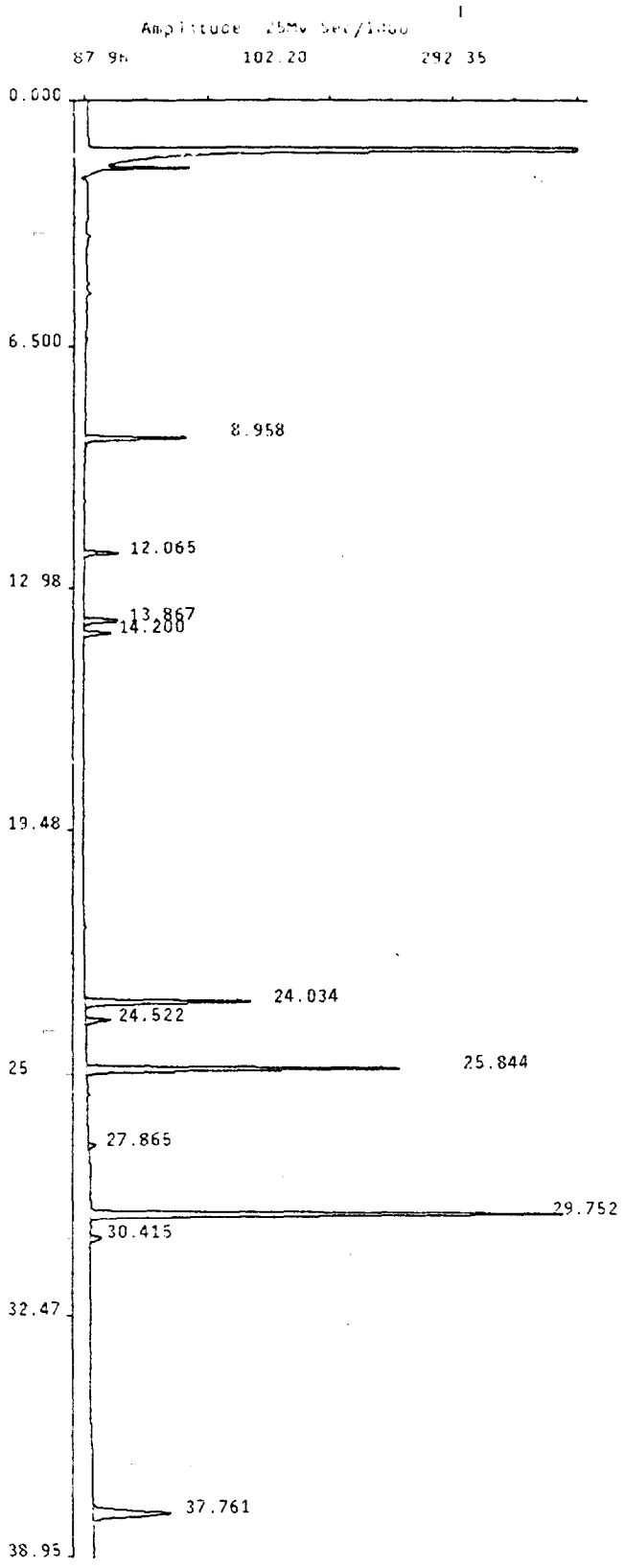
Ceimic Corporation Pest/PCB Report

Sample Name : PEMOC
Lab Id : PEMOC
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL002.RES
Inject Time : 1729 22Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.96	70517	BB	.020	TCX
2	12.07	22803	BB	.012	ALPHA-BHC
3	13.87	23787	BB	.011	GAMMA-BHC
4	14.20	18297	BB	.010	BETA-BHC
5	24.04	124998	BB	.053	ENDRIN
6	24.53	14621	BB	.007	4,4'-DDD
7	25.85	243341	BB	.112	4,4'-DDT
8	27.87	4206	BB	.003	
9	29.75	396184	BB	.270	METHOXYCHLOR
10	30.42	8639	BB	.005	ENDRIN KETON
11	37.77	99012	BB	.023	DC8

Total Area: 1026405

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1634 24Jul1994



Ceimic Corporation Pest/PCB Report

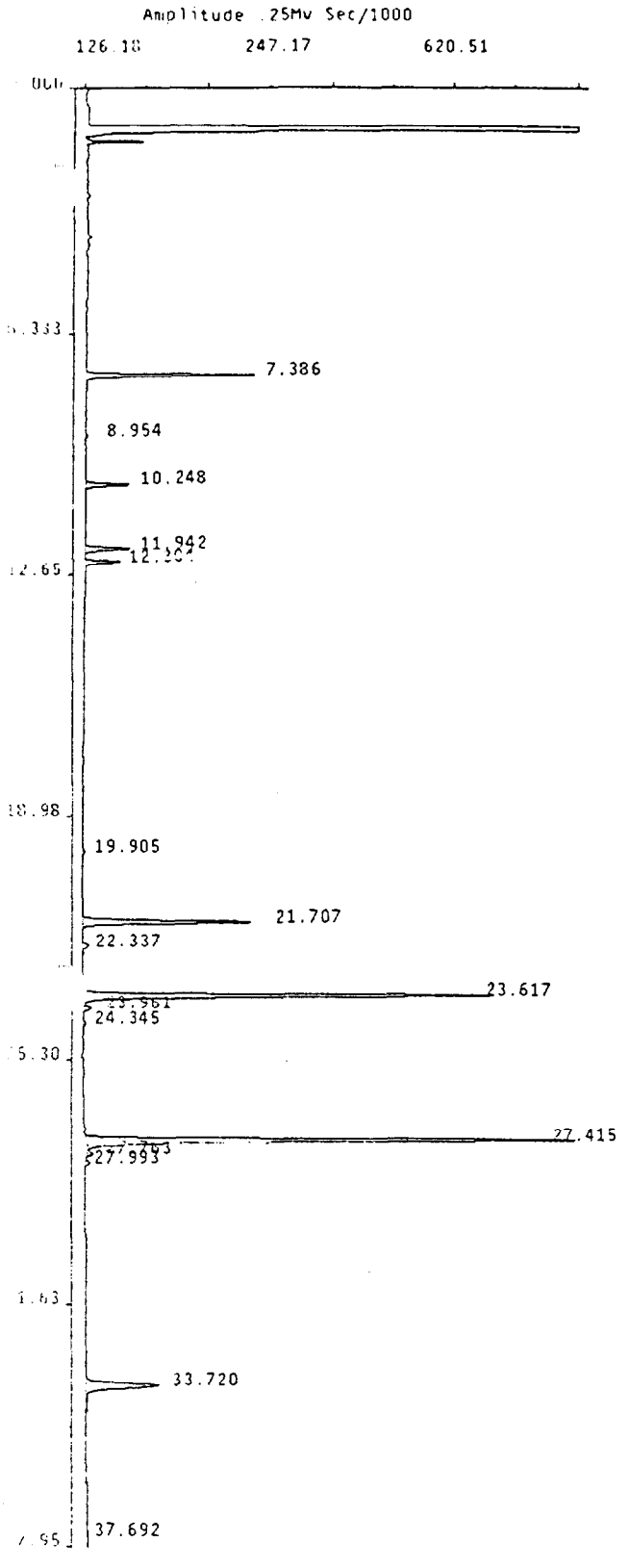
Sample Name : ~~PEMOPC~~ PemOD
Lab Id : ~~PEMOPC~~ PEMOD
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L6P22JUL023.RES
Inject Time : 1506 23Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.96	62621	BB	.018	TCX
2	12.07	20423	BB	.010	ALPHA-BHC
3	13.87	21254	BB	.010	GAMMA-BHC
4	14.20	16385	BB	.009	BETA-BHC
5	24.03	109219	BB	.047	ENDRIN
6	24.52	16474	BB	.008	4,4'-DDD
7	25.84	203404	BB	.094	4,4'-DDT
8	27.87	4787	BB	.004	
9	29.75	340077	BB	.232	METHOXYCHLOR
10	30.41	9129	BB	.005	ENDRIN KETON
11	37.76	89647	BB	.020	DCB

Total Area: 893421

7-25-94

Method File: /DATA/METHOD/INDAB06.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1825 24Jul1994



Scimic Corporation Pest/PCB Report

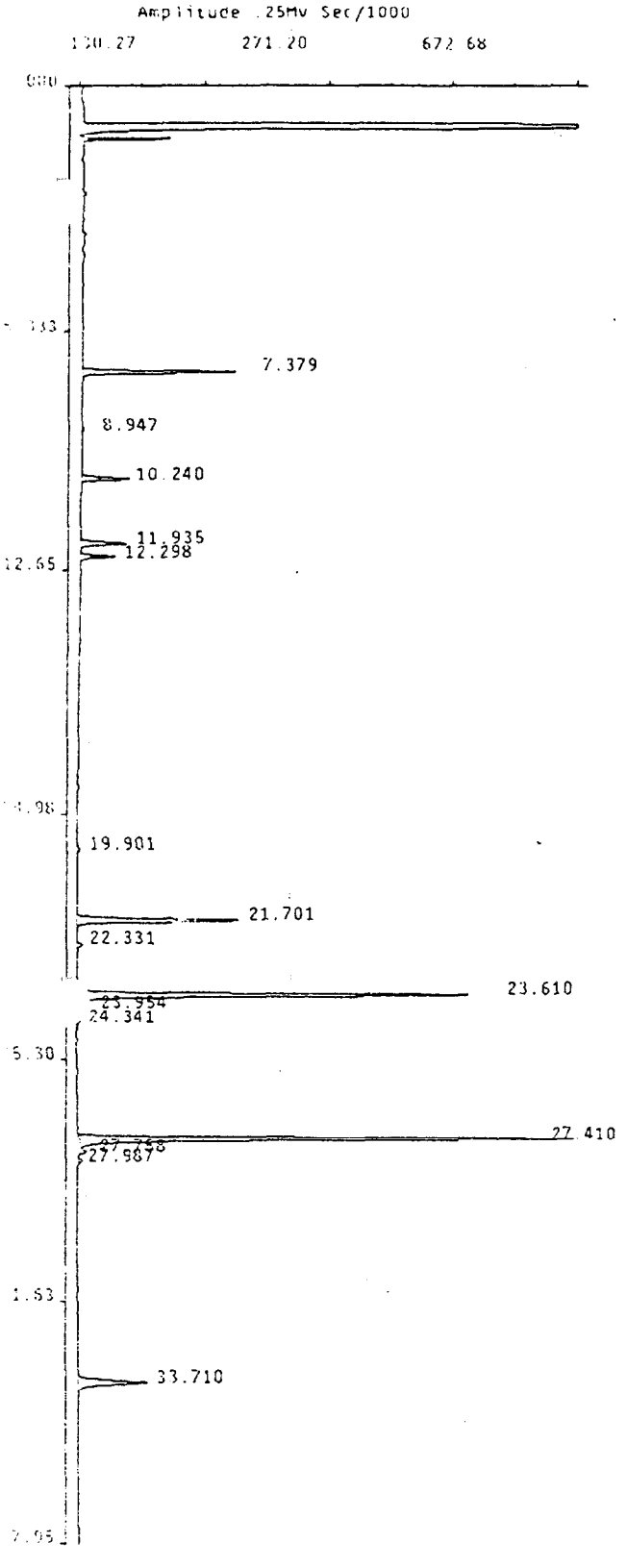
Page 1

Sample Name : PEM0A PemdA
Lab Id : PEM0A ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL002.RES
Inject Time : 1249 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	7.39	192437	BB	.018	TCX
2	8.95	2270	BB	.000	
3	10.25	59141	BB	.009	ALPHA-BHC
4	11.94	61434	BB	.008	GAMMA-BHC
5	12.30	45717	BB	.008	BETA-BHC
6	19.91	3298	BB	.000	4,4'-DDE
7	21.71	255338	BB	.043	ENDRIN
8	22.34	11178	BB	.002	4,4'-DDD
9	23.62	587435	BB	.095	4,4'-DDT
10	23.96	10636	BB	.002	ENDRIN ALDEH
11	24.34	5983	BB	.001	
12	27.41	764054	BB	.206	METHOXYCHLOR
13	27.76	8150	BB	.001	ENDRIN KETON
14	27.99	6189	BB	.001	
15	33.72	182726	BB	.019	DCB
16	37.69	3031	BB	.001	

Total Area:		2199017			

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1717 25Jul1994



Ceimic Corporation Pest/PCB Report

#7-26-94 Pem08

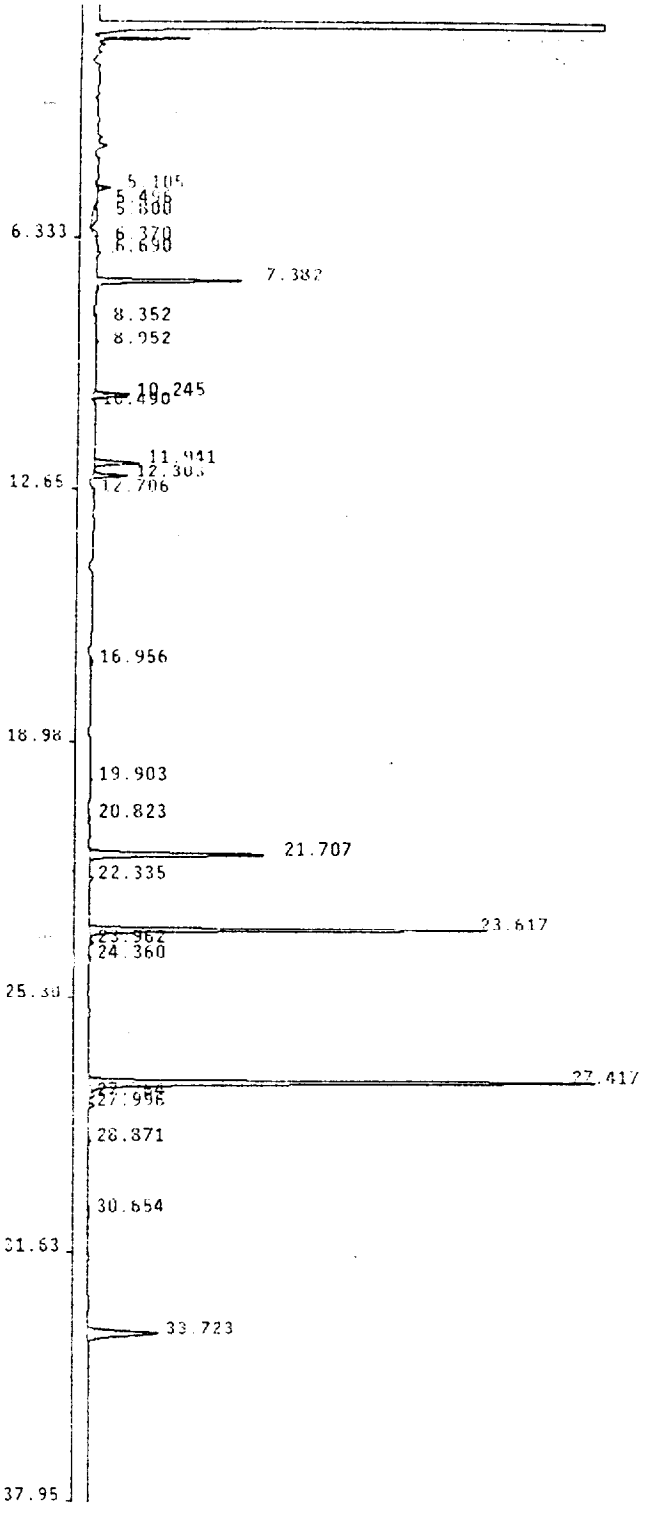
Page 1

Sample Name : PEM08 Pem08
Lab Id : PEM08 ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL021.RES
Inject Time : 0252 22Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	7.38	190825	BB	.018	TCX
2	8.95	2230	BB	.000	
3	10.24	65726	BB	.010	ALPHA-BHC
4	11.93	68627	BB	.009	GAMMA-BHC
5	12.30	49628	BB	.008	BETA-BHC
6	19.90	3450	BB	.000	4,4'-DDE
7	21.70	274508	BB	.046	ENDRIN
8	22.33	11248	BB	.002	4,4'-DDD
9	23.61	622734	BB	.101	4,4'-DDT
10	23.95	13983	BB	.003	ENDRIN ALDEH
11	24.34	6860	BB	.002	
12	27.41	872767	BB	.235	METHOXYCHLOR
13	27.76	10120	BB	.002	ENDRIN KETON
14	27.99	5576	BB	.001	
15	33.71	199321	BB	.020	DCB

Total Area: 2397604

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1717 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEM2C
Lab Id : PEM2C
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL028.RES
Inject Time : 0947 25Jul1994
Run Status : SignalOverload

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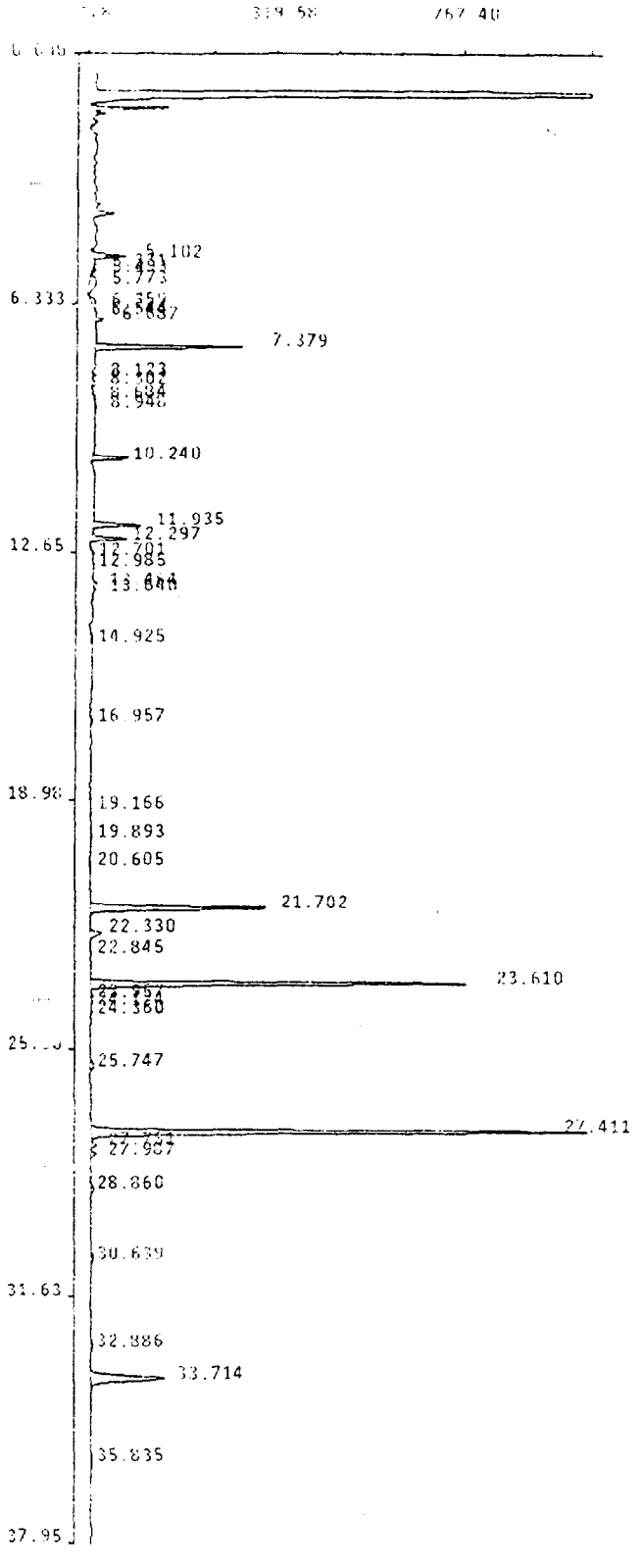
Pk #	RT	Area	Code	MASSng	Name
1	5.10	22051	BB	.005	
2	5.50	3465	BB	.001	
3	5.80	33317	BB	.007	
4	6.37	15187	BB	.003	
5	6.69	4334	BB	.001	
6	7.38	197616	BB	.019	TCX
7	8.35	4789	BB	.001	
8	8.95	2745	BB	.001	
9	10.24	57779	BB	.009	ALPHA-BHC
10	10.49	2450	BB	.001	
11	11.94	73793	BB	.009	GAMMA-BHC
12	12.30	55827	BB	.009	BETA-BHC
13	12.71	8265	BB	.002	
14	16.96	8051	BB	.002	
15	19.90	2078	BB	.000	4,4'-DDE
16	20.82	2046	BB	.000	
17	21.71	319993	BB	.054	ENDRIN
18	22.33	7146	BB	.001	4,4'-DDD
19	23.62	682786	BB	.111	4,4'-DDT
20	23.96	5629	BB	.001	ENDRIN ALDEH
21	24.36	3566	BB	.001	
22	27.42	941026	BB	.254	METHOXYCHLOR
23	27.76	5845	BB	.001	ENDRIN KETON
24	28.00	8170	BB	.002	
25	28.87	5162	BB	.001	
26	30.65	4349	BB	.001	
27	33.72	213739	BB	.022	DC8

Total Area: 2691204

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0927 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEM2D
Lab Id : PEM2D
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S9P24JUL054.RES
Inject Time : 0500 26Jul1994
Run Status : EndOffBaseline
SignalOverload
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0940 26Jul1994

Report	Time	Area	Code	MASSng	Name
1	5.10	56678	BB	.012	
2	5.33	2776	BB	.001	
3	5.49	7297	BB	.002	
4	5.77	43535	BB	.010	
5	6.36	18544	BB	.004	
6	6.54	2031	BB	.000	
7	6.69	12296	BB	.003	
8	7.38	211052	BB	.020	TCX
9	8.12	4379	BB	.001	
10	8.30	6871	BB	.002	
11	8.68	4400	BB	.001	
12	8.95	3490	BB	.001	
13	10.24	56831	BB	.009	ALPHA-BHC
14	11.94	80788	BB	.010	GAMMA-BHC
15	12.30	59398	BB	.010	BETA-BHC
16	12.70	4754	BB	.001	
17	12.99	2887	BB	.001	
18	13.46	6650	BB	.001	
19	13.64	5408	BB	.001	
20	14.92	5644	BB	.001	
21	16.96	3387	BB	.001	
22	19.17	6275	BB	.001	
23	19.89	2436	BB	.000	4,4'-DDE
24	20.60	3130	BB	.001	
25	21.70	349661	BB	.059	ENDRIN
26	22.33	25083	BB	.005	4,4'-DDD
27	22.84	2411	BB	.001	
28	23.61	680025	BB	.111	4,4'-DDT
29	23.96	3158	BB	.001	ENDRIN ALDEH
30	24.12	2944	BB	.001	
31	24.36	2564	BB	.001	
32	25.75	14295	BB	.003	
33	27.41	969775	BB	.262	METHOXYCHLOR
34	27.76	8874	BB	.002	ENDRIN KETON
35	27.99	8665	BB	.002	
36	28.86	10933	BB	.002	
37	30.64	11959	BB	.003	
38	32.89	10811	BB	.002	
39	33.71	232587	BB	.024	DCB
40	35.83	9658	BB	.002	

Total Area: 2954341

Method File: /DATA/METHOD/INDABQ9.MTH

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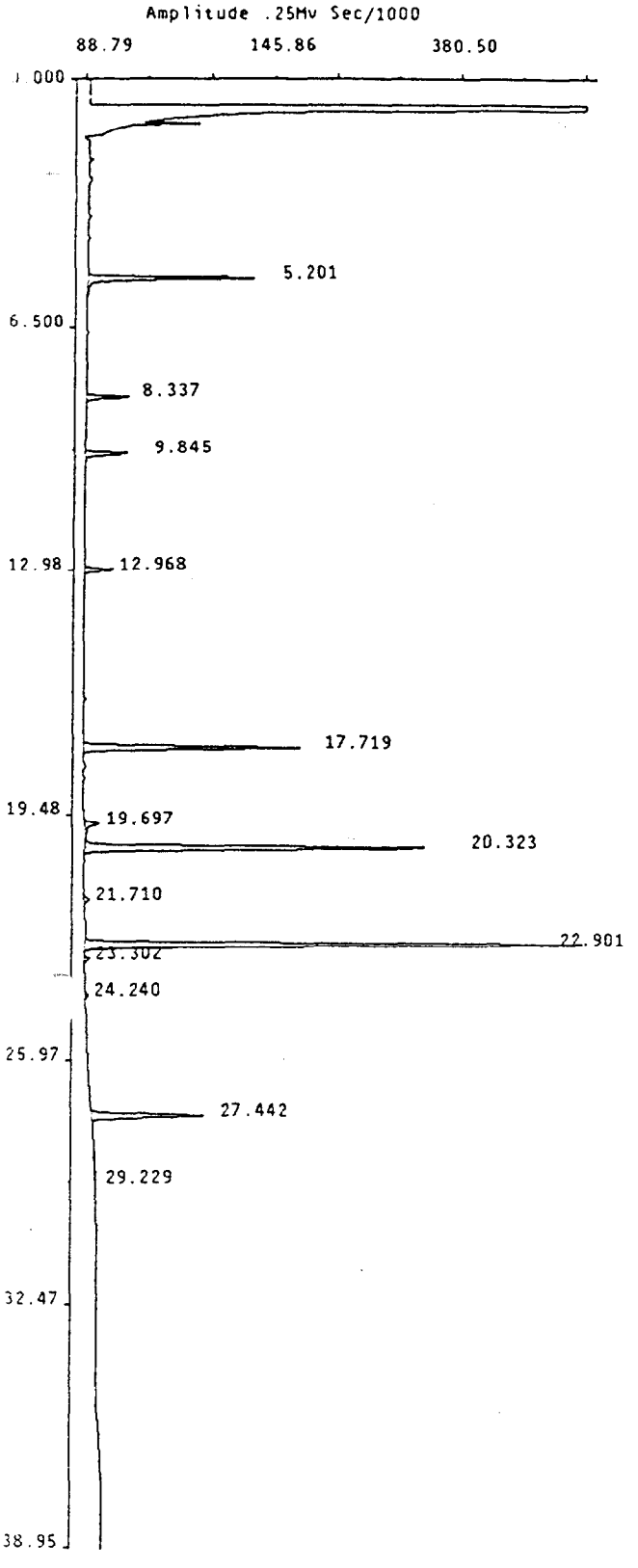

Ceimic Corporation Pest/PCB Report

Sample Name : PEM1A
Lab Id : PEM1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL002.RES
Inject Time : 2019 05Jul1994
Run Status : EndOffBaseline
SignalOverload

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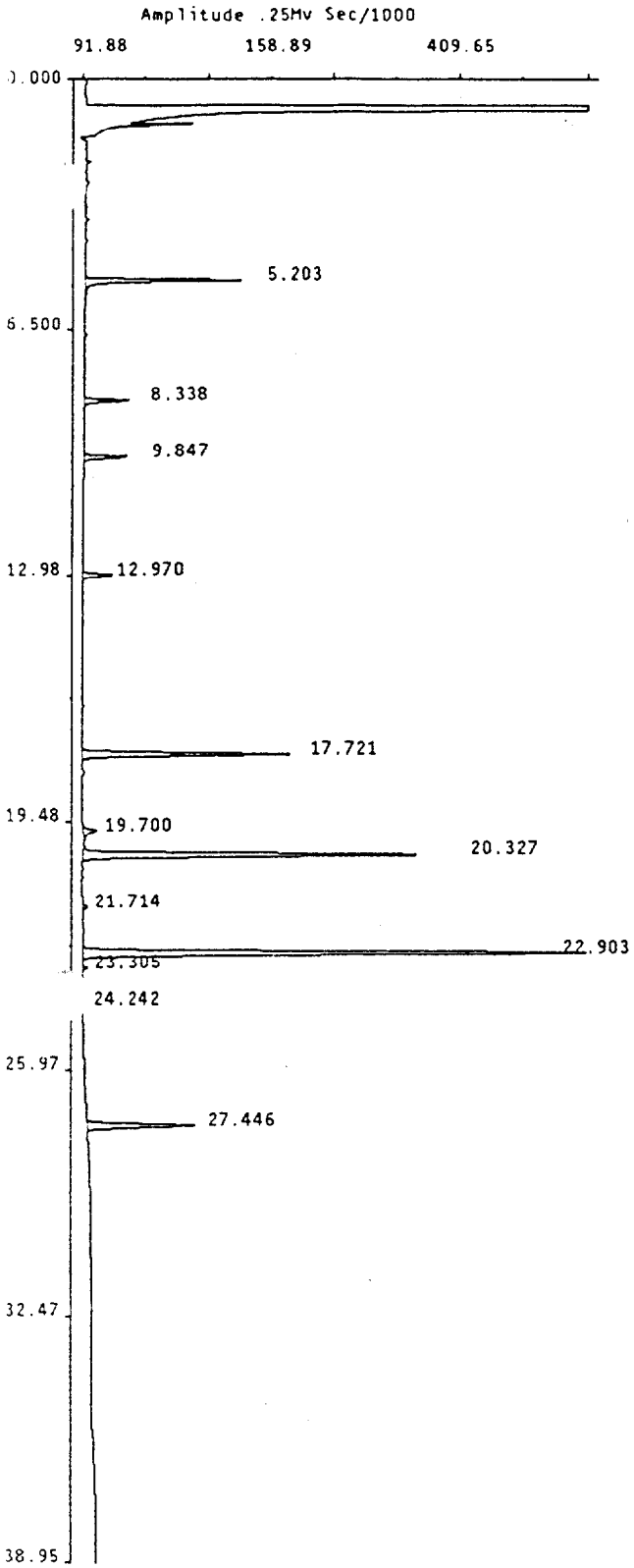
Pk #	RT	Area	Code	MASSng	Name
1	5.20	113709	BB	.019	TCX
2	8.34	32965	BB	.009	ALPHA-BHC
3	9.84	34501	BB	.009	GAMMA-BHC
4	12.97	24773	BB	.008	BETA-BHC
5	17.72	193387	BB	.047	ENDRIN
6	19.70	16225	BB	.005	4,4'-DDD
7	20.32	328502	BB	.103	4,4'-DDT
8	21.71	6229	BB	.001	
9	22.90	475726	BB	.226	METHOXYCHLOR
10	23.30	4353	BB	.000	
11	24.24	3032	BB	.001	ENDRIN KETON
12	27.44	108690	BB	.020	DCB
13	29.23	5921	BB	.001	

Total Area: 1348013

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1129 06Jul1994



Cejmic Corporation Pest/PCB Report

Sample Name : PEM1B
Lab Id : PEM1B ,I
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL021.RES
Inject Time : 1003 06Jul1994
Run Status : SignalOverload

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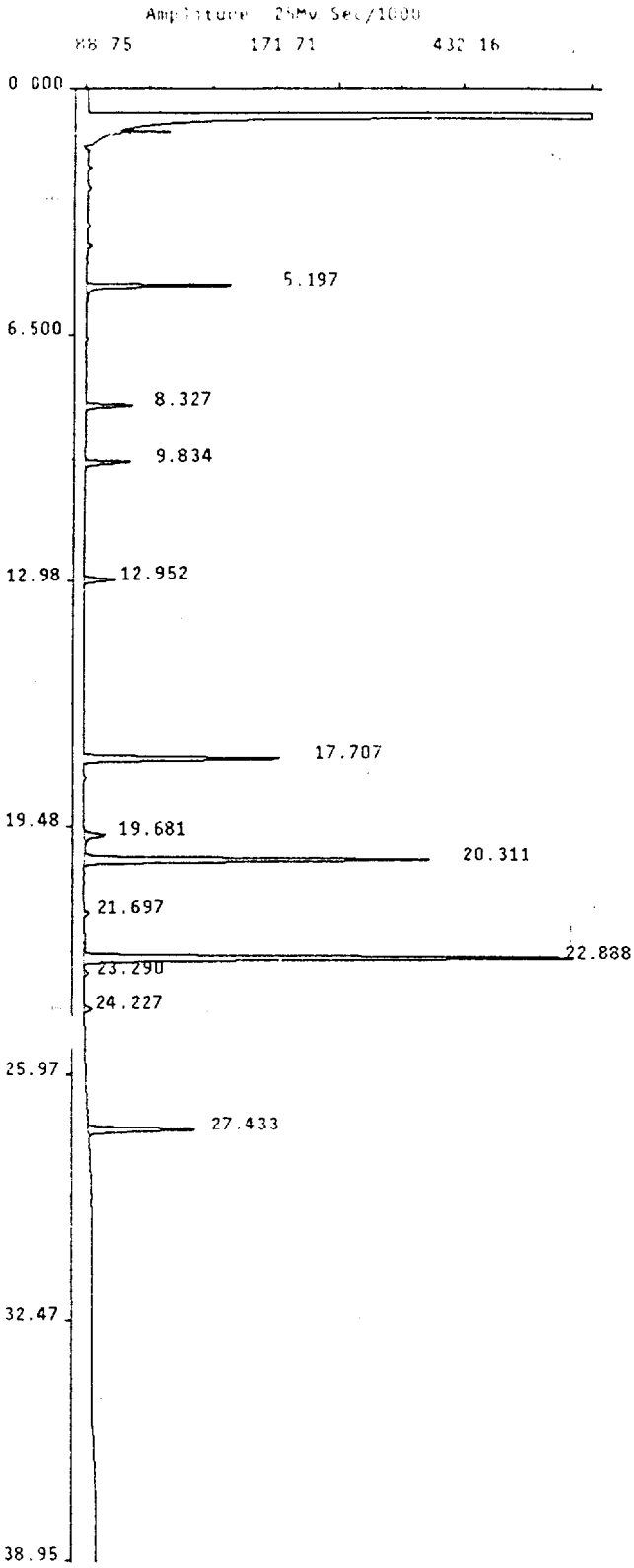
Pk #	RT	Area	Code	MASSng	Name
1	5.20	116592	BB	.020	TCX
2	8.34	37568	BB	.010	ALPHA-BHC
3	9.85	39359	BB	.010	GAMMA-BHC
4	12.97	28043	BB	.009	BETA-BHC
5	17.72	203336	BB	.049	ENDRIN
6	19.70	16989	BB	.005	4,4'-DDD
7	20.33	349153	BB	.110	4,4'-DDT
8	21.71	5115	BB	.001	
9	22.90	522327	BB	.248	METHOXYCHLOR
10	23.31	4838	BB	.001	
11	24.24	4740	BB	.002	ENDRIN KETON
12	27.45	115768	BB	.021	DCB

Total Area: 1443828

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1146 06Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEM1C
Lab Id : PEM1C
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL002.RES
Inject Time : 1729 22Jul1994
Run Status : SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.20	118291	BB	.020	TCX
2	8.33	40984	BB	.011	ALPHA-BHC
3	9.83	43040	BB	.011	GAMMA-BHC
4	12.95	30291	BB	.010	BETA-BHC
5	17.71	218981	BB	.053	ENDRIN
6	19.68	26706	BB	.008	4,4'-DDD
7	20.31	361212	BB	.114	4,4'-DDT
8	21.70	6527	BB	.001	
9	22.89	559711	BB	.266	METHOXYCHLOR
10	23.29	5174	BB	.001	
11	24.23	8280	BB	.003	ENDRIN KETON
12	27.43	127151	BB	.023	DCB

Total Area: 1546347

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1636 24Jul1994

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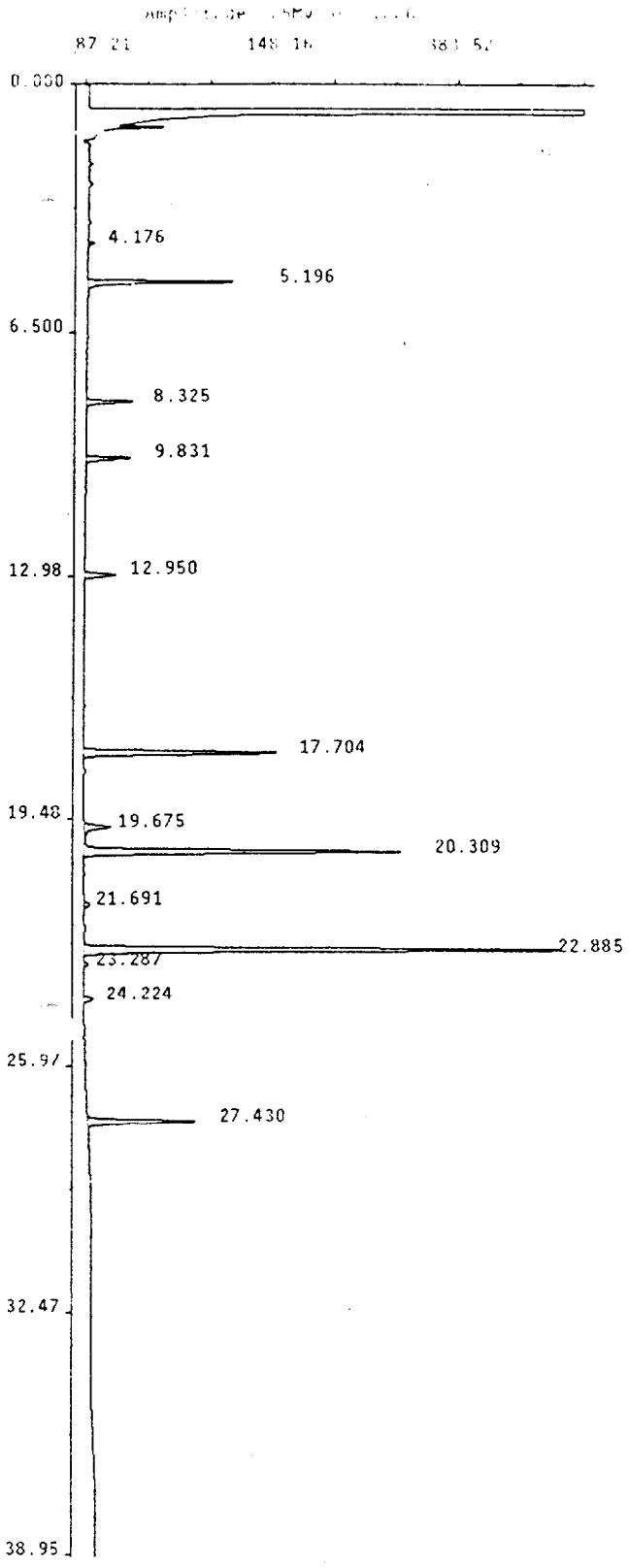

Ceimic Corporation Pest/PCB Report

Sample Name : ~~PEM1C~~ Pem1D
Lab Id : ~~PEM1C~~ Pem1D
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/L7P22JUL023.RES
Inject Time : 1506 23Jul1994
Run Status : UserAbortedRun

Pk #	RT	Area	Code	MASSng	Name
1	4.18	4094	BB	.000	
2	5.20	103449	BB	.017	TCX
3	8.32	36356	BB	.010	ALPHA-BHC
4	9.83	38104	BB	.010	GAMMA-BHC
5	12.95	27148	BB	.009	BETA-BHC
6	17.70	187208	BB	.045	ENDRIN
7	19.67	29166	BB	.008	4,4'-DDD
8	20.31	295521	BB	.093	4,4'-DDT
9	21.69	6953	BB	.001	
10	22.89	478562	BB	.227	METHOXYCHLOR
11	23.29	4420	BB	.000	
12	24.22	9784	BB	.003	ENDRIN KETON
13	27.43	112860	BB	.020	DCB
Total Area:		1333625			

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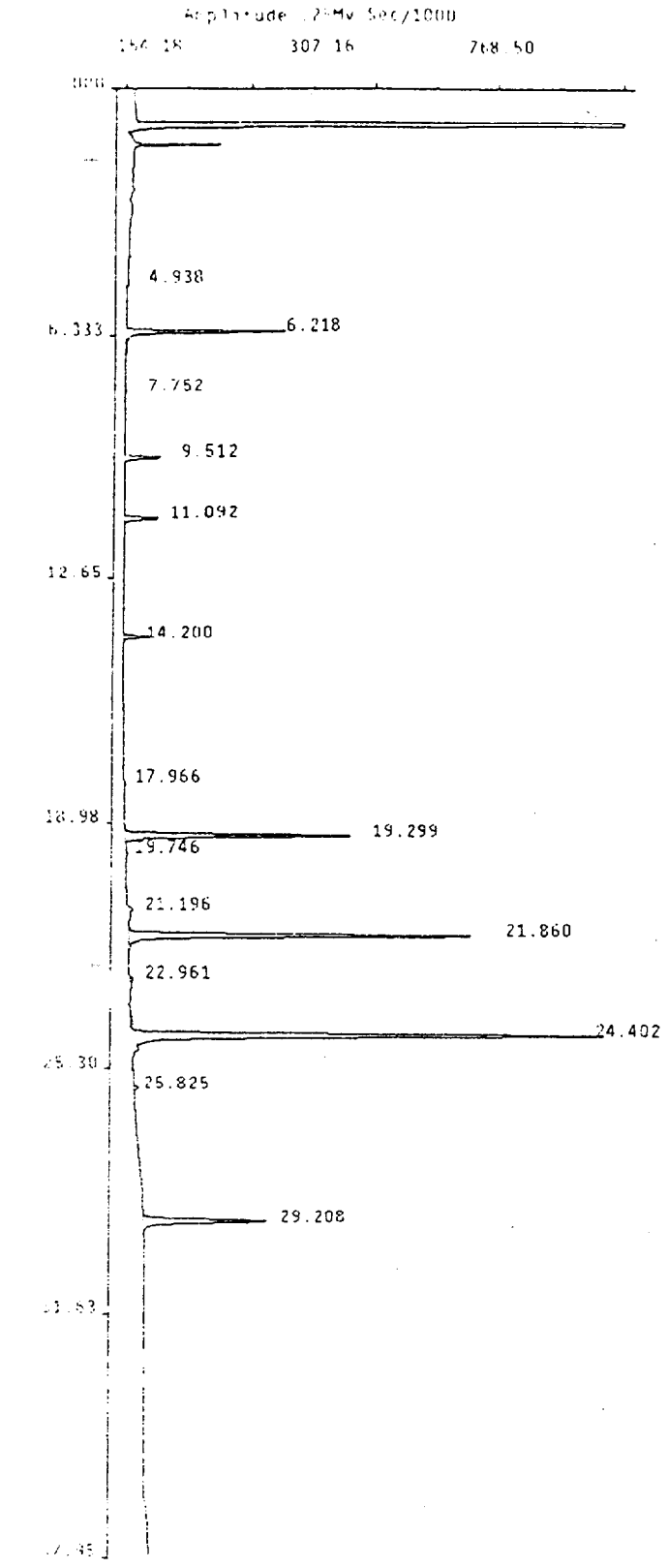
Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1721 24Jul1994



Ceimic Corporation Pest/PCB Report

#726-74

Sample Name : PEM1A / Pem 3A
Lab Id : PEM1A ,I
Inst Id & Col : AD8_1, 081701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL002.RES
Inject Time : 1249 21Jul1994
Run Status : EndOffBaseline
SignalOverload
SpecialInteg

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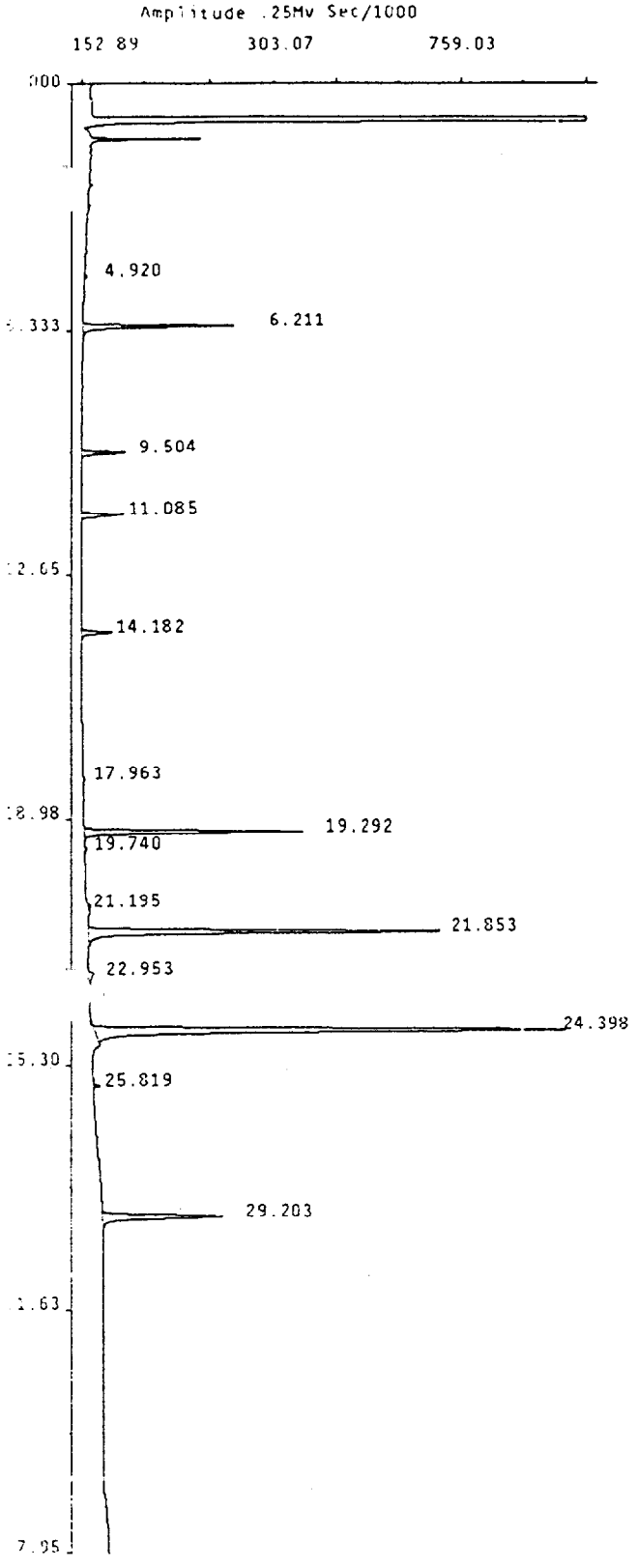
Pk #	RT	Area	Code	MASSng	Name
1	4.94	2798	VB	.001	
2	6.22	216798	BB	.019	TCX
3	7.75	2185	BB	.000	
4	9.51	58880	BB	.008	ALPHA-BHC
5	11.09	63401	BB	.008	GAMMA-BHC
6	14.20	50506	FF	.008	BETA-BHC
7	17.97	4479	BB	.001	4,4'-DDE
8	19.30	378041	BB	.047	ENDRIN
9	19.75	3738	BB	.001	
10	21.20	6230	BB	.001	4,4'-DDD
11	21.86	640637	BB	.108	4,4'-DDT
12	22.96	5090	BB	.001	ENDRIN ALDEH
13	24.40	955622	BB	.225	METHOXYCHLOR
14	25.82	7751	BB	.001	ENDRIN KETON
15	29.21	273337	BB	.020	DCB

Total Area: 2669494

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2059 25Jul1994



Ceimic Corporation Pest/PCR Report

7-26-94 Pem2B

Sample Name : PEM1B Pem2B
Lab Id : PEM1B .1
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL021.RES
Inject Time : 0252 22Jul1994
Run Status : EndOffBaseline
SignalOverload

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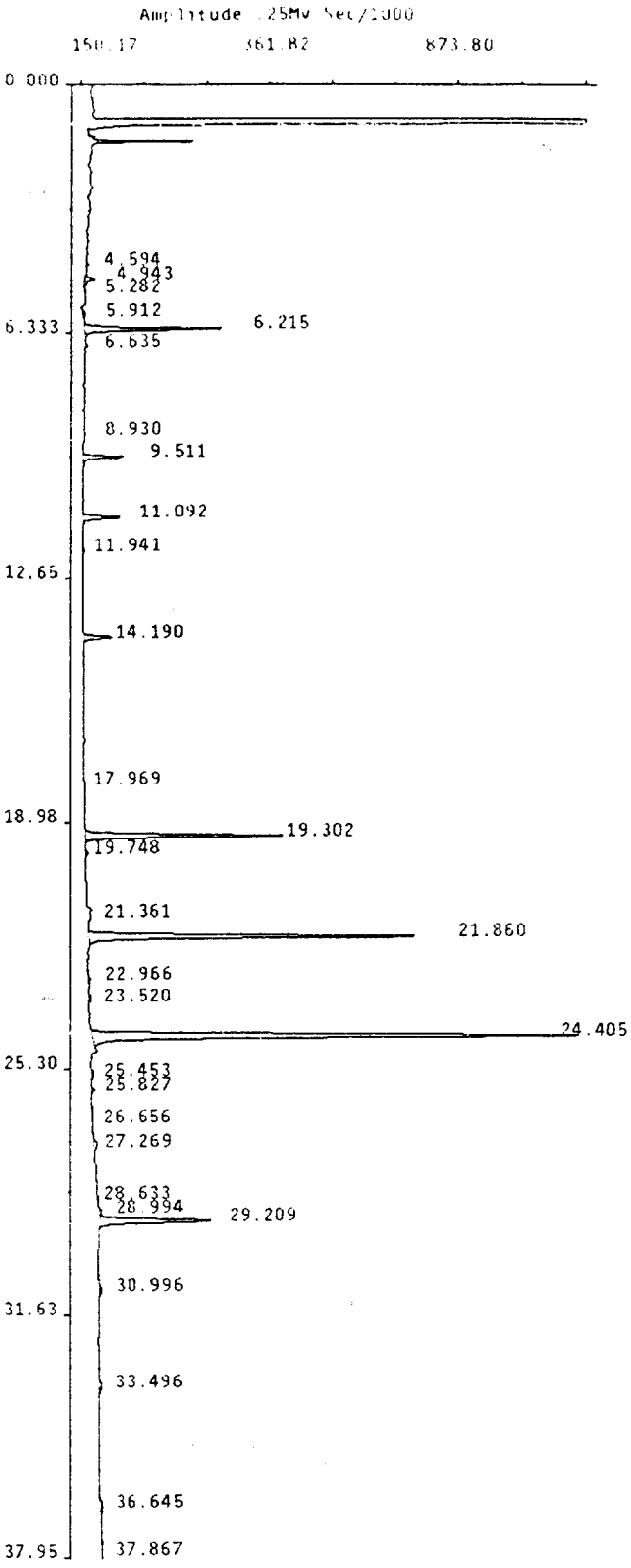
Pk #	RT	Area	Code	MASSng	Name
1	4.92	4442	VB	.001	
2	6.21	209181	BB	.018	TCX
3	9.50	65384	BB	.009	ALPHA-BHC
4	11.08	71019	BB	.009	GAMMA-BHC
5	14.18	53029	BB	.008	BETA-BHC
6	17.96	2659	BB	.000	4,4'-DDE
7	19.29	366426	BB	.045	ENDRIN
8	19.74	3697	BB	.001	
9	21.19	3917	BB	.001	4,4'-DDD
10	21.85	630202	BB	.106	4,4'-DDT
11	22.95	20140	BB	.005	ENDRIN ALDEH
12	24.40	1004396	BB	.236	METHOXYCHLOR
13	25.82	12101	BB	.002	ENDRIN KETON
14	29.20	261307	BB	.019	DC8
		2707899			

Total Area:

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1402 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEM3C
Lab Id : PEM3C
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL028.RES
Inject Time : 0947 25Jul1994
Run Status : SignalOverload

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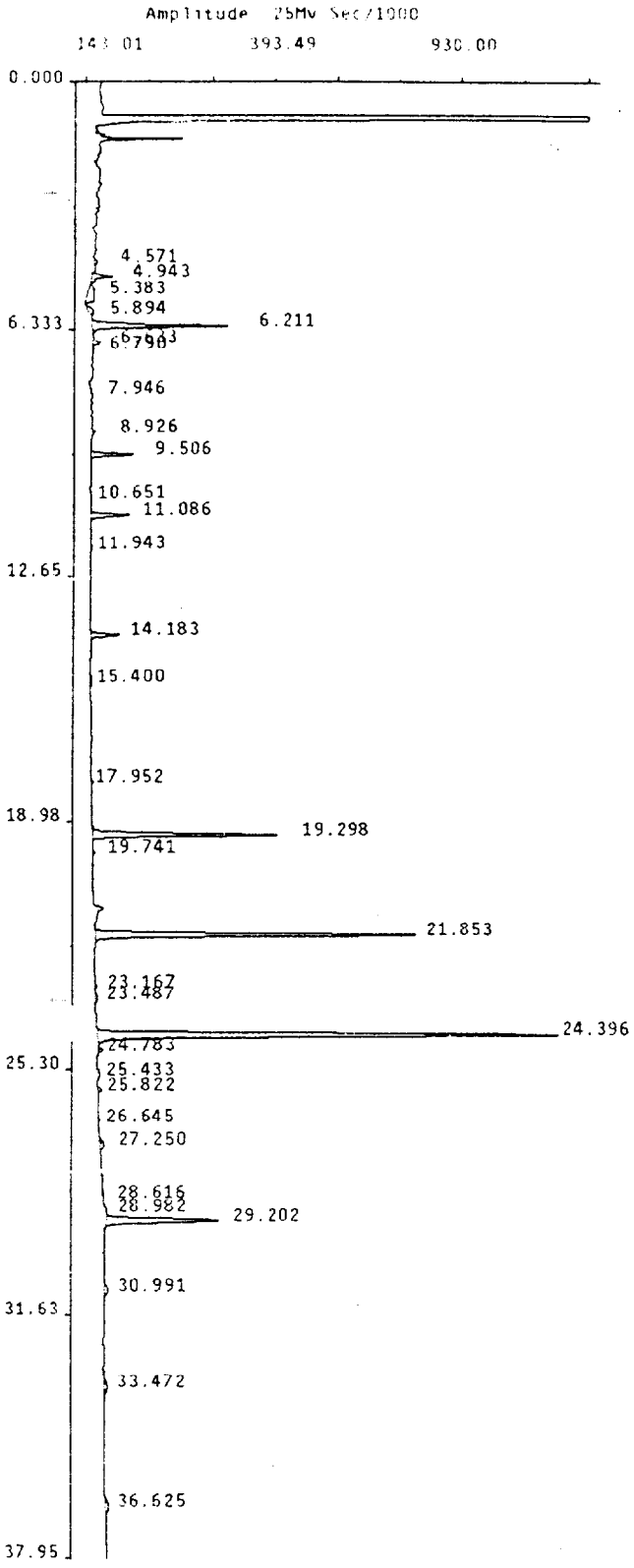
Pk #	RT	Area	Code	MASSng	Name
1	4.59	4624	BV	.001	
2	4.94	27516	VB	.006	
3	5.28	2483	BB	.001	
4	5.91	9562	BB	.002	
5	6.21	229839	BB	.020	TCX
6	6.64	5192	BB	.001	
7	8.93	2357	BB	.001	
8	9.51	72656	BB	.010	ALPHA-BHC
9	11.09	76882	BB	.010	GAMMA-BHC
10	11.94	2241	BB	.000	HEPTACHLOR
11	14.19	54614	BB	.008	BETA-BHC
12	17.97	2171	BB	.000	4,4'-DDE
13	19.30	394936	BB	.049	ENDRIN
14	19.75	4215	BB	.001	
15	21.36	5115	BB	.001	
16	21.86	693077	BB	.117	4,4'-DDT
17	22.97	2577	BB	.001	ENDRIN ALDEH
18	23.52	8361	BB	.002	
19	24.40	1137723	BB	.268	METHOXYCHLOR
20	25.45	11010	BB	.002	
21	25.83	7051	BB	.001	ENDRIN KETON
22	26.66	4137	BB	.001	
23	27.27	15622	BB	.003	
24	28.63	4326	BB	.001	
25	28.99	3284	BB	.001	
26	29.21	270345	BB	.020	DCB
27	31.00	14770	BB	.003	
28	33.50	17373	BB	.004	
29	36.64	16127	BB	.004	
30	37.87	2417	BB	.001	

Total Area: 3102601

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0930 26Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : PEM3D
Lab Id : PEM3D
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/S8P24JUL054.RES
Inject Time : 0500 26Jul1994
Run Status : EndOffBaseline
SignalOverload

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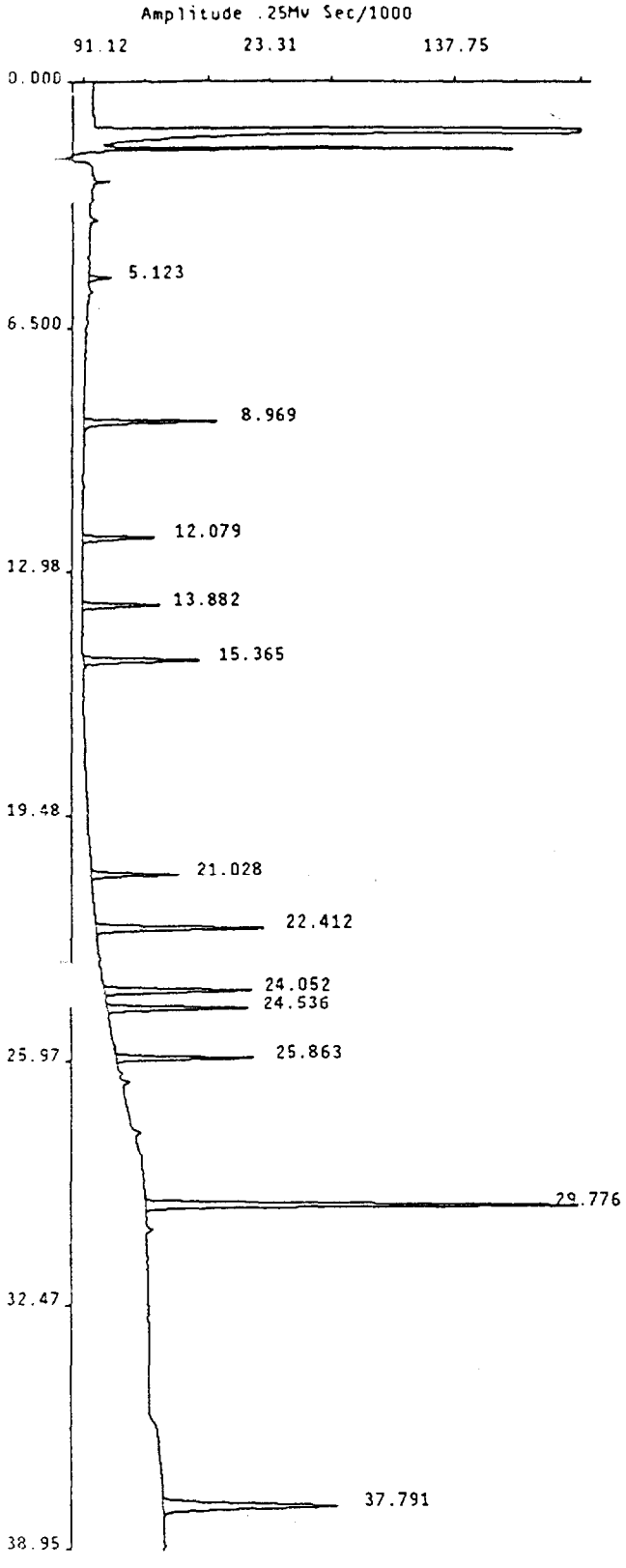
Pk #	RT	Area	Code	MASSng	Name
1	4.57	8785	BV	.002	
2	4.94	49476	VB	.011	
3	5.38	62008	BB	.014	
4	5.89	23270	BB	.005	
5	6.21	277831	BB	.024	TCX
6	6.63	12344	BB	.003	
7	6.79	4125	BB	.001	
8	7.95	3868	BB	.001	
9	8.93	6567	BB	.001	
10	9.51	76285	BB	.011	ALPHA-BHC
11	10.65	2788	BB	.001	
12	11.09	81292	BB	.010	GAMMA-BHC
13	11.94	4387	BB	.000	HEPTACHLOR
14	14.18	60048	BB	.009	BETA-BHC
15	15.40	8003	BB	.002	
16	17.95	3781	BB	.000	4,4'-DDE
17	19.30	395430	BB	.049	ENDRIN
18	19.74	4216	BB	.001	
19	21.85	699769	BB	.118	4,4'-DDT
20	23.17	2756	BB	.001	
21	23.49	10931	BB	.002	
22	24.40	1177229	BB	.277	METHOXYCHLOR
23	24.78	3803	BB	.001	
24	25.43	14371	BB	.003	
25	25.82	9297	BB	.002	ENDRIN KETON
26	26.64	7489	BB	.002	
27	27.25	21948	BB	.005	
28	28.62	5551	BB	.001	
29	28.98	3036	BB	.001	
30	29.20	284648	BB	.021	DCB
31	30.99	21173	BB	.005	
32	33.47	28376	BB	.006	
33	36.62	21257	BB	.005	

Total Area: 3396138

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 0942 26Jul1994



Ceimic Corporation Pest/PCB Report

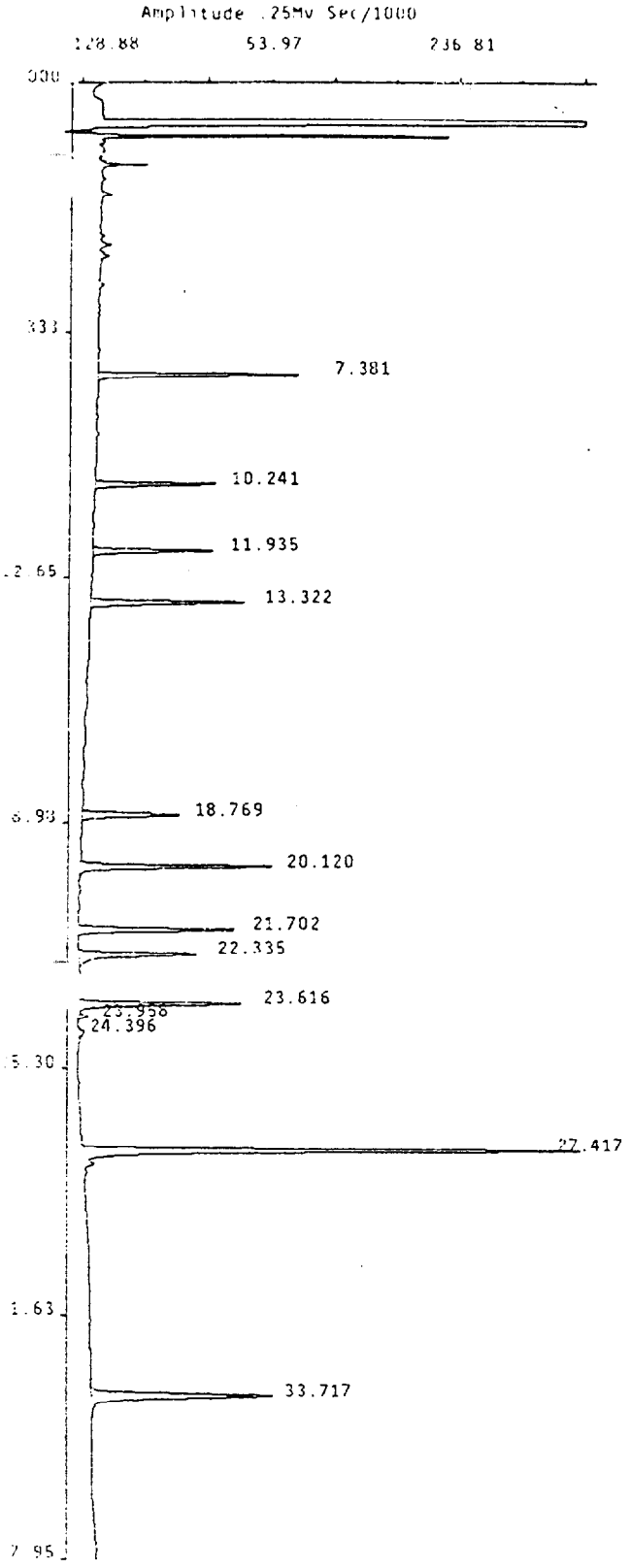
Sample Name : INDALOA
Lab Id : INDALOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL010.RES
Inject Time : 0206 06Jul1994
Run Status : RunStatusOK

jf 7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	5.12	2905	BB	.002	
2	8.97	17585	BB	.005	TCX
3	12.08	10267	BB	.005	ALPHA-BHC
4	13.88	10966	BB	.005	GAMMA-BHC
5	15.37	18154	BB	.005	HEPTACHLOR
6	21.03	13251	BB	.005	ENDOSULF. I
7	22.41	26020	BB	.010	DIELDRIN
8	24.05	22815	BB	.010	ENDRIN
9	24.54	20478	BB	.010	4,4'-DDD
10	25.86	19803	BB	.009	4,4'-DDT
11	29.78	69216	BB	.047	METHOXYCHLOR
12	37.79	46082	BB	.011	DCB

Total Area: 277541

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1021 06Jul1994



Ceimic Corporation Pest/PCB Report

7-26-94

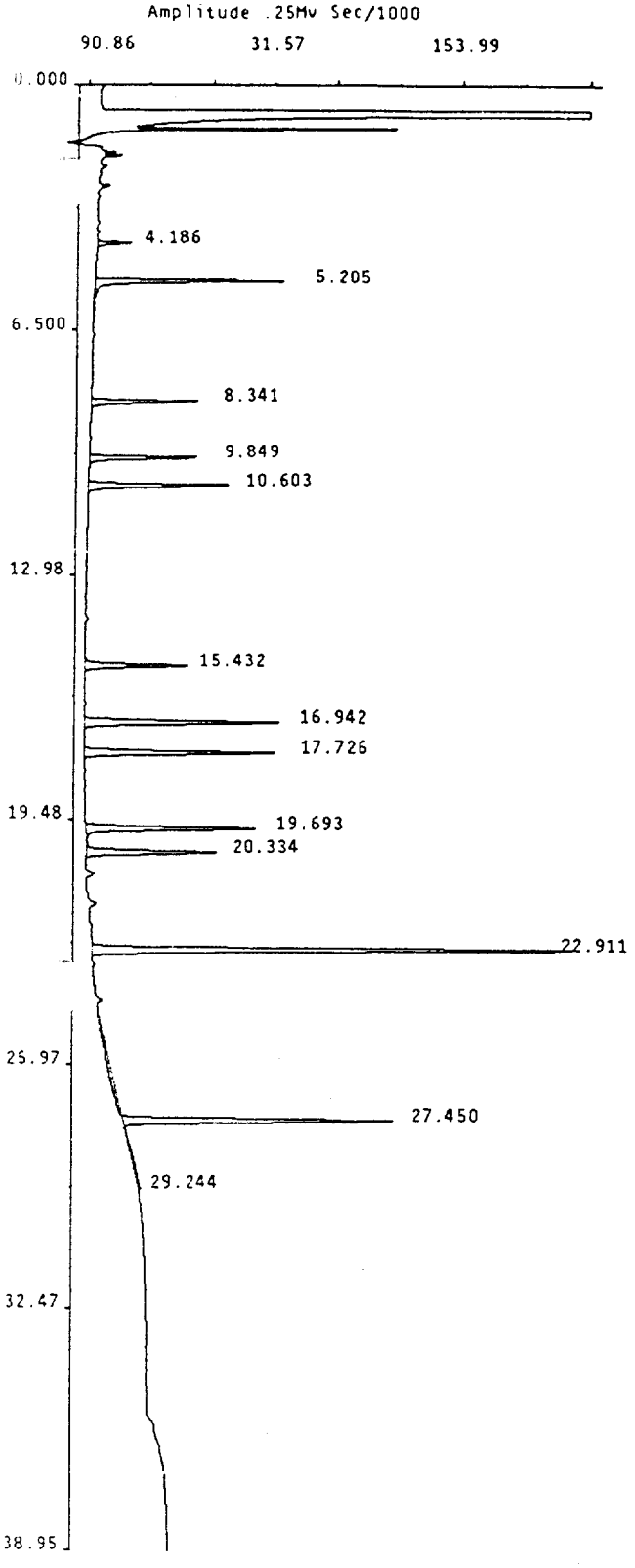
Sample Name : INDALOA INDAL2A
Lab Id : INDALOA .I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL010.RES
Inject Time : 1844 21Jul1994
Run Status : RunStatusOK

7/25/94

Pk #	RT	Area	Code	MASSng	Name
1	7.38	49559	BB	.005	TCX
2	10.24	33704	BB	.005	ALPHA-BHC
3	11.94	35406	BB	.005	GAMMA-BHC
4	13.32	51526	BB	.005	HEPTACHLOR
5	18.77	34011	BB	.005	ENDOSULF. I
6	20.12	64772	BB	.009	DIELDRIN
7	21.70	54417	BB	.009	ENDRIN
8	22.34	48435	BB	.009	4,4'-DDD
9	23.62	54863	BB	.009	4,4'-DDT
10	23.96	2999	BB	.001	ENDRIN ALDEH
11	24.40	2959	BB	.001	
12	27.42	174474	BB	.047	METHOXYCHLOR
13	33.72	98580	BB	.010	DCB

Total Area: 705703

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2051 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAL1A
Lab Id : INDAL1A ,I
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL
Peak Processor : Genie
Calculation : ExternalSTD
Result File : /DATA/RESULT/D7P05JUL01D.RES
Inject Time : 0206 06Jul1994
Run Status : RunStatusOK

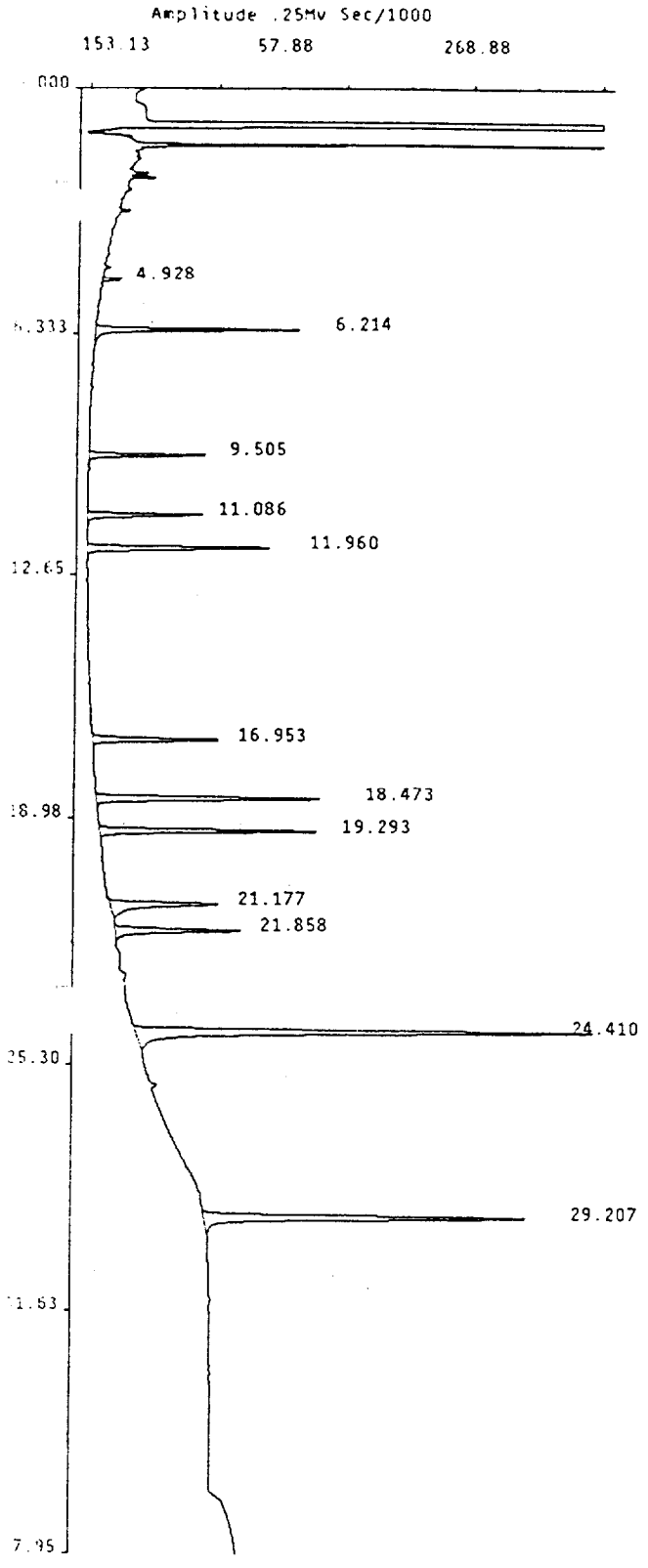
Multilevel : False
Application : Loop
Quantitation: AreaUnits

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	4605	BB	.000	
2	5.20	29214	BB	.005	TCX
3	8.34	18418	BB	.005	ALPHA-BHC
4	9.85	19643	BB	.005	GAMMA-BHC
5	10.60	28183	BB	.005	HEPTACHLOR
6	15.43	20825	BB	.005	ENDOSULF. I
7	16.94	40074	BB	.010	DIELDRIN
8	17.73	39217	BB	.009	ENDRIN
9	19.69	35178	BB	.010	4,4'-DDD
10	20.33	27340	BB	.009	4,4'-DDT
11	22.91	102021	BB	.048	METHOXYCHLOR
12	27.45	46423	BB	.008	DCB
13	29.24	4773	BB	.001	

Total Area: 415915

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1137 06Jul1994



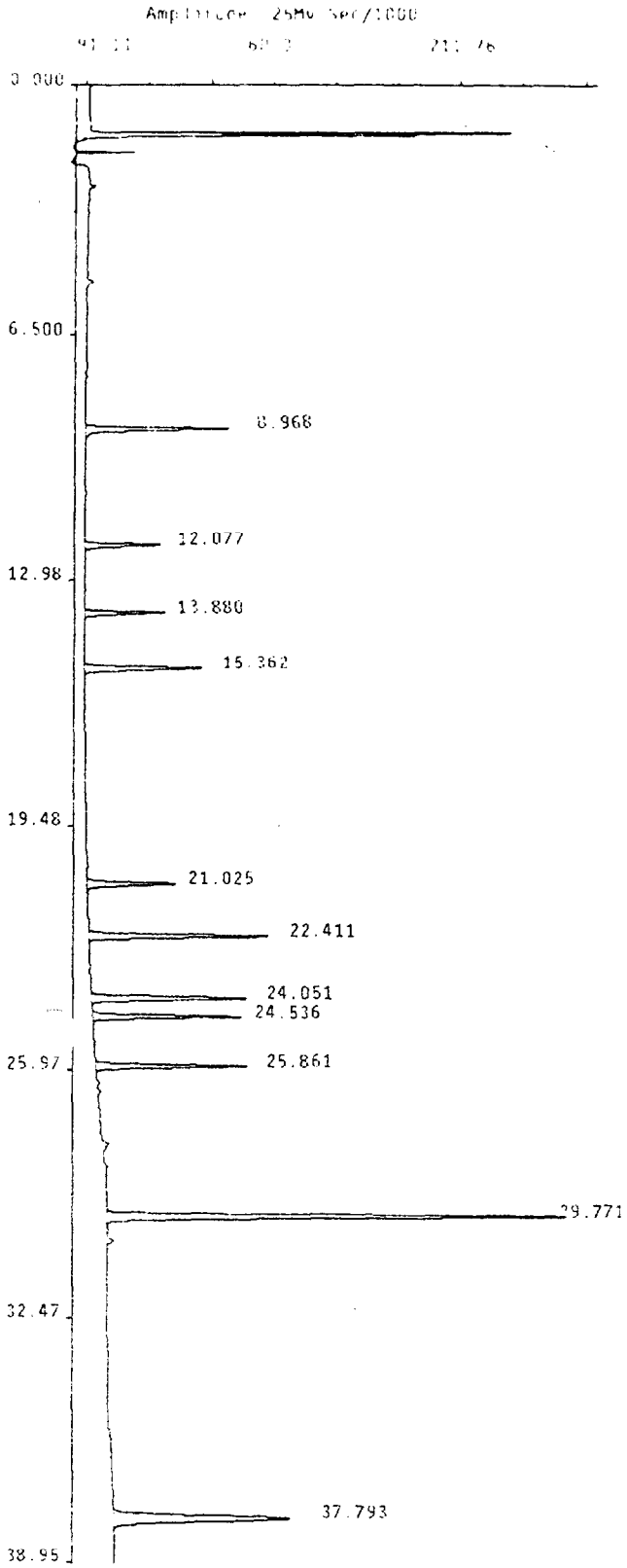
Ceimic Corporation Pest/PCB Report

Sample Name : INDAL1A INDAL3A
Lab Id : INDAL1A .I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL010.RES
Inject Time : 1844 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.93	5039	VB	.001	
2	6.21	56622	BB	.005	TCX
3	9.50	32547	BB	.005	ALPHA-BHC
4	11.09	36086	BB	.005	GAMMA-BHC
5	11.96	61819	BB	.005	HEPTACHLOR
6	16.95	43544	BB	.005	ENDOSULF. I
7	18.47	80012	BB	.009	DIELDRIN
8	19.29	71697	BB	.009	ENDRIN
9	21.18	51676	BB	.009	4,4'-DDD
10	21.86	48500	BB	.008	4,4'-DDT
11	24.41	201882	BB	.048	METHOXYCHLOR
12	29.21	135931	BB	.010	DC8

Total Area: 825356

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1354 22Jul1994



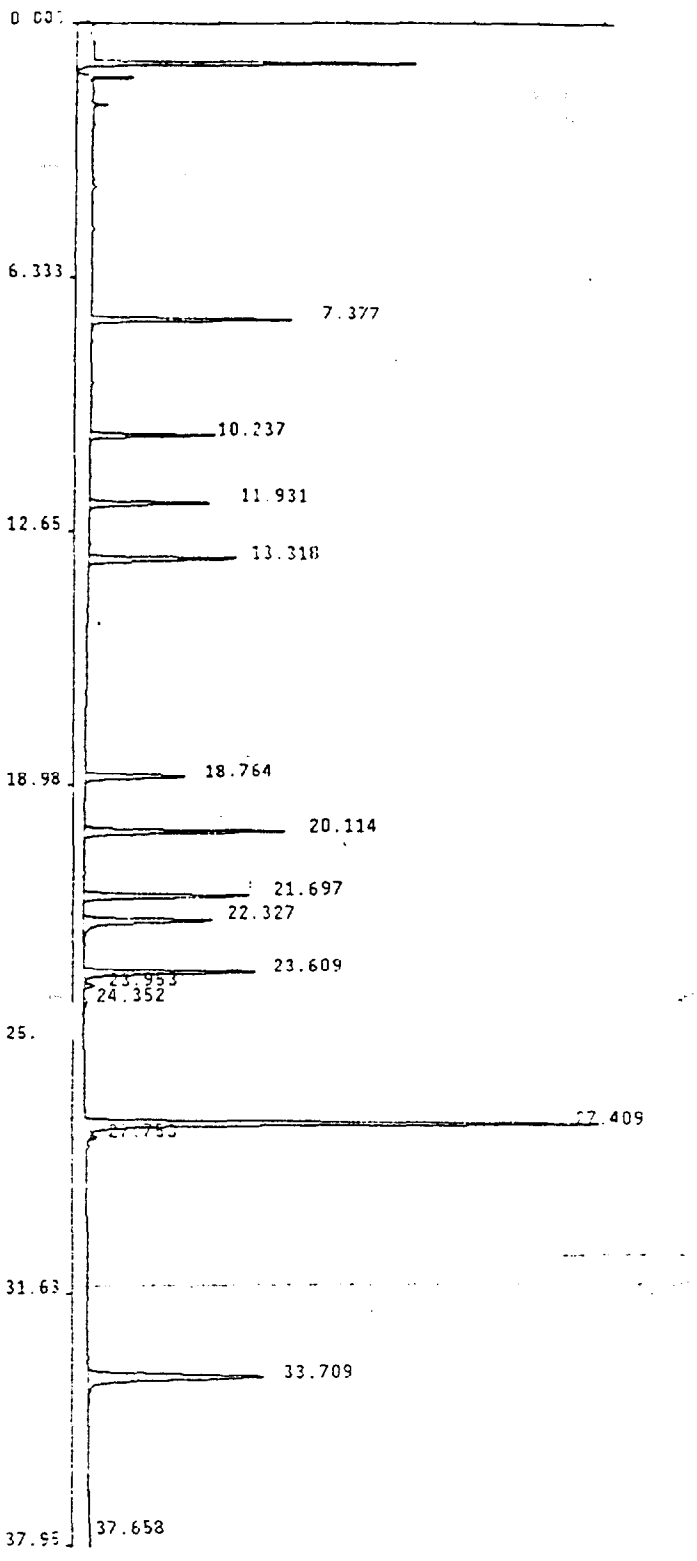
Ceimic Corporation Pest/PCB Report

Sample Name : INDALM0A
Lab Id : INDALM0A
Inst Id & Col : AD6_1, 08608
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /CEIMIC20/D6P05JUL012.RES
Inject Time : 0333 06Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.97	46916	BB	.013	TCX
2	12.08	26853	BB	.014	ALPHA-BHC
3	13.88	28551	BB	.013	GAMMA-BHC
4	15.36	47830	BB	.013	HEPTACHLOR
5	21.03	34465	BB	.013	ENDOSULF. I
6	22.41	69377	BB	.026	DIELDRIN
7	24.05	61423	BB	.026	ENDRIN
8	24.54	54789	BB	.027	4,4'-DDD
9	25.86	54946	BB	.025	4,4'-DDT
10	29.77	191314	BB	.130	METHOXYCHLOR
11	37.79	119346	BB	.027	DCB

Total Area:		735812			

Method File: /DATA/METHOD/QD6P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1124 27Jul1994



Ceimic Corporation Pest/PCB Report

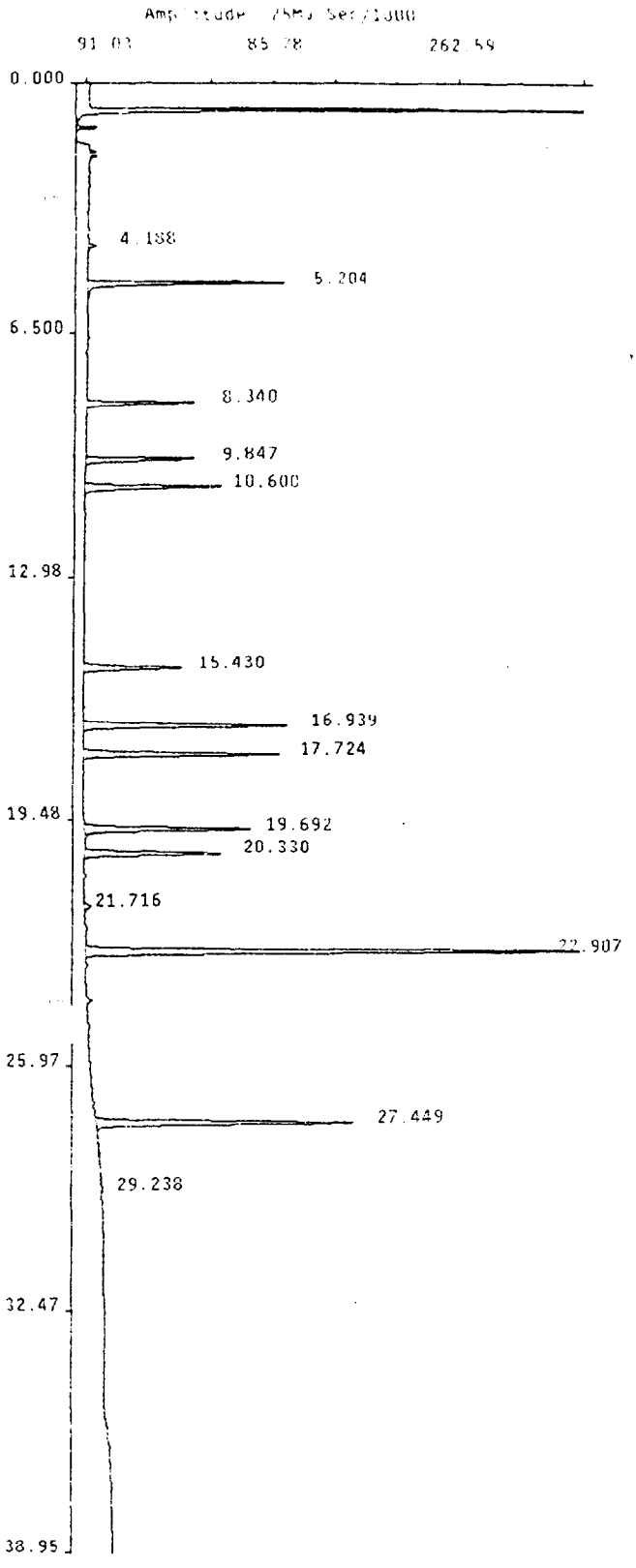
Sample Name : INDALM0A
Lab Id : INDALM0A, I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M9P21JUL012.RES
Inject Time : 2013 21Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	7.38	131505	BB	.013	TCX
2	10.24	88542	BB	.013	ALPHA-BHC
3	11.93	93176	BB	.012	GAMMA-BHC
4	13.32	131791	BB	.013	HEPTACHLOR
5	18.76	88265	BB	.013	ENDOSULF. I
6	20.11	172098	BB	.025	DIELDRIN
7	21.70	145651	BB	.024	ENDRIN
8	22.33	133870	BB	.026	4,4'-DDD
9	23.61	149143	BB	.024	4,4'-DDT
10	23.95	8356	BB	.002	ENDRIN ALDEH
11	24.35	5564	BB	.001	
12	27.41	469652	BB	.127	METHOXYCHLOR
13	27.75	5483	BB	.001	ENDRIN KETON
14	33.71	258501	BB	.026	DCB
15	37.66	2955	BB	.001	

Total Area: 1884552

Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1131 27Jul1994

SM 7/27/94



Ceimic Corporation Pest/PCB Report

Sample Name : INDALM1A
Lab Id : INDALM1A
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /CEIMIC20/D7P05JUL012.RES
Inject Time : 0333 06Jul1994
Run Status : UserAbortedRun

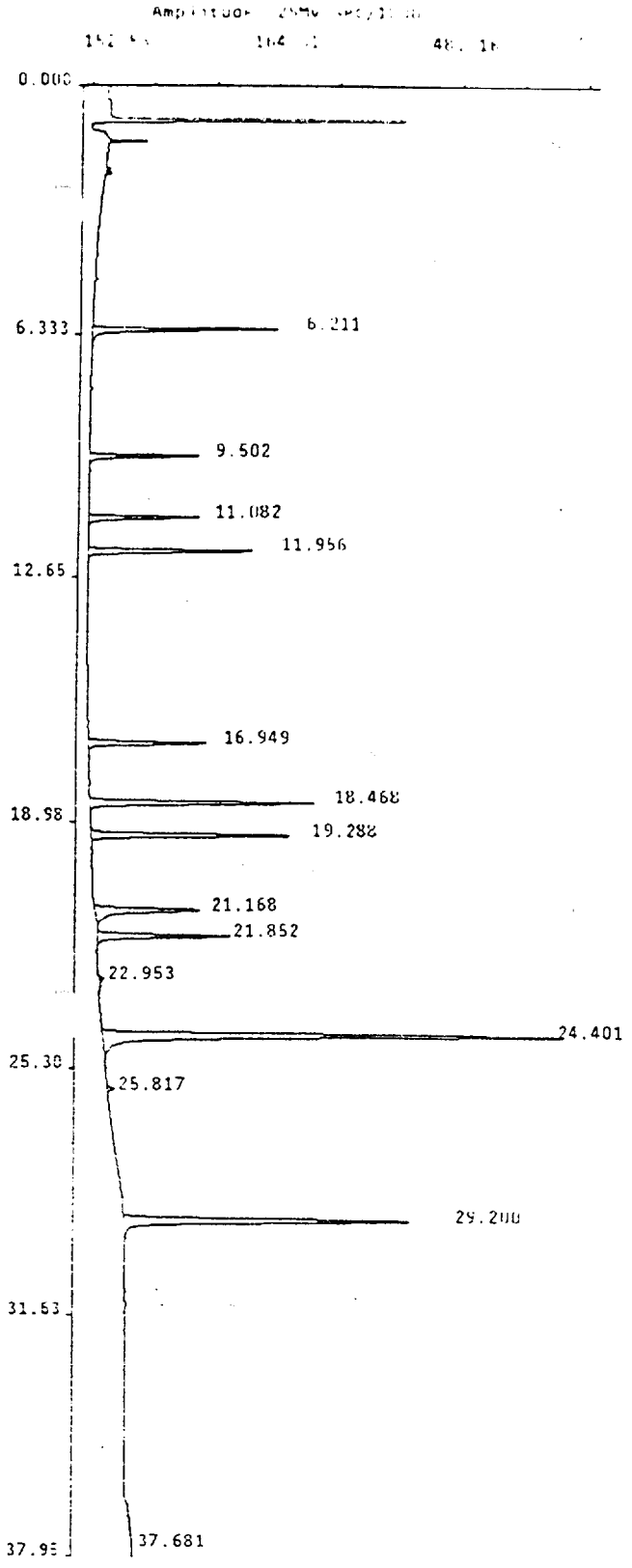
126-44

Pk #	RT	Area	Code	MASSng	Name
1	4.19	2989	BB	.000	
2	5.20	78437	BB	.013	TCX
3	8.34	47943	BB	.013	ALPHA-BHC
4	9.85	52386	BB	.013	GAMMA-BHC
5	10.60	72371	BB	.013	HEPTACHLOR
6	15.43	54239	BB	.013	ENDOSULF. I
7	16.94	108642	BB	.026	DIELDRIN
8	17.72	107091	BB	.026	ENDRIN
9	19.69	93990	BB	.027	4,4'-DDD
10	20.33	78020	BB	.025	4,4'-DDT
11	21.72	6179	BB	.001	
12	22.91	277496	BB	.132	METHOXYCHLOR
13	27.45	150425	BB	.027	DCB
14	29.24	4456	BB	.000	
		1134664			

Total Area:

Method File: /DATA/METHOD/QD7P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1121 27Jul1994

230A



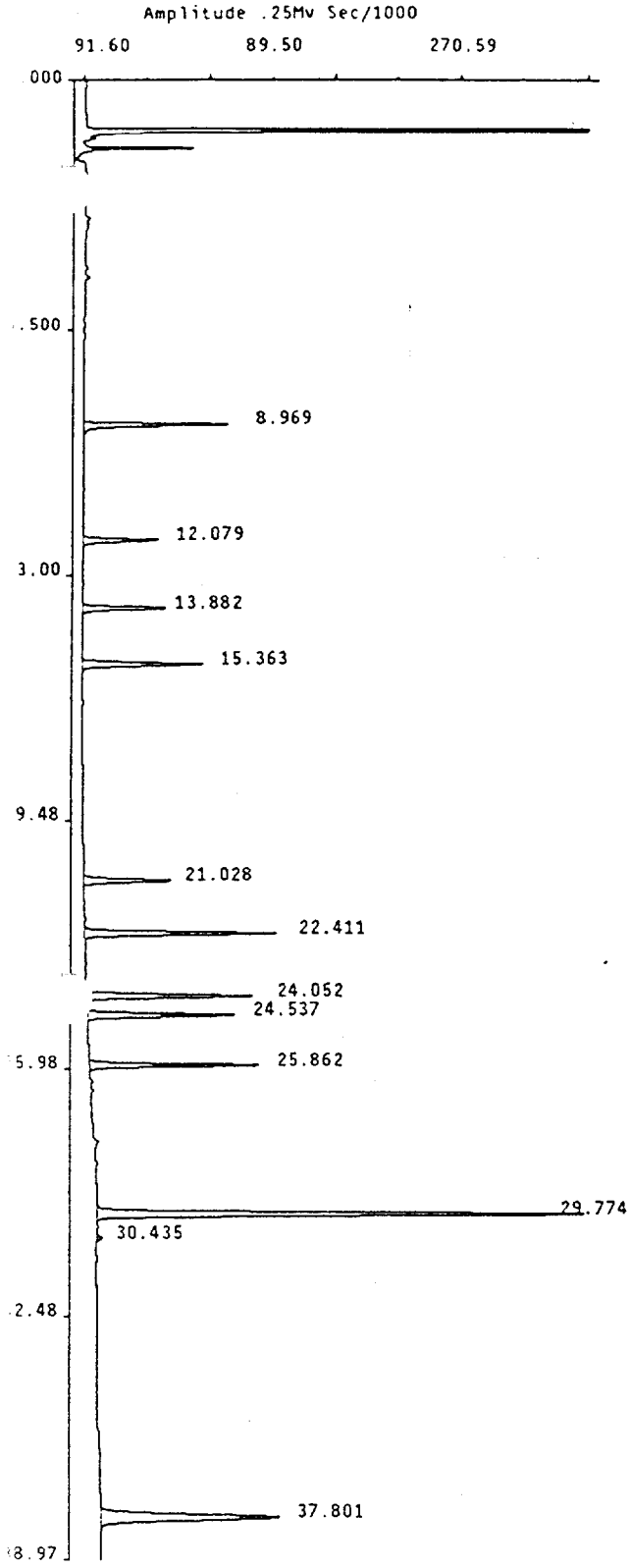
Ceimic Corporation Pest/PCB Report

Sample Name : INDALM~~0~~1A
Lab Id : INDALM~~0~~1A, I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M8P21JUL012.RES
Inject Time : 2013 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	6.21	146279	BB	.013	TCX
2	9.50	85965	BB	.012	ALPHA-BHC
3	11.08	97275	BB	.012	GAMMA-BHC
4	11.96	159976	BB	.013	HEPTACHLOR
5	16.95	115848	BB	.013	ENDOSULF. I
6	18.47	219317	BB	.024	DIELDRIN
7	19.29	195667	BB	.024	ENDRIN
8	21.17	140200	BB	.025	4,4'-DDD
9	21.85	138164	BB	.023	4,4'-DDT
10	22.95	3421	BB	.001	ENDRIN ALDEH
11	24.40	566420	BB	.133	METHOXYCHLOR
12	25.82	6156	BB	.001	ENDRIN KETON
13	29.20	354533	BB	.026	DCB
14	37.68	16951	BB	.004	

Total Area: 2246174

Method File: /DATA/METHOD/INDA808.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1052 27Jul1994



Ceimic Corporation Pest/PCB Report

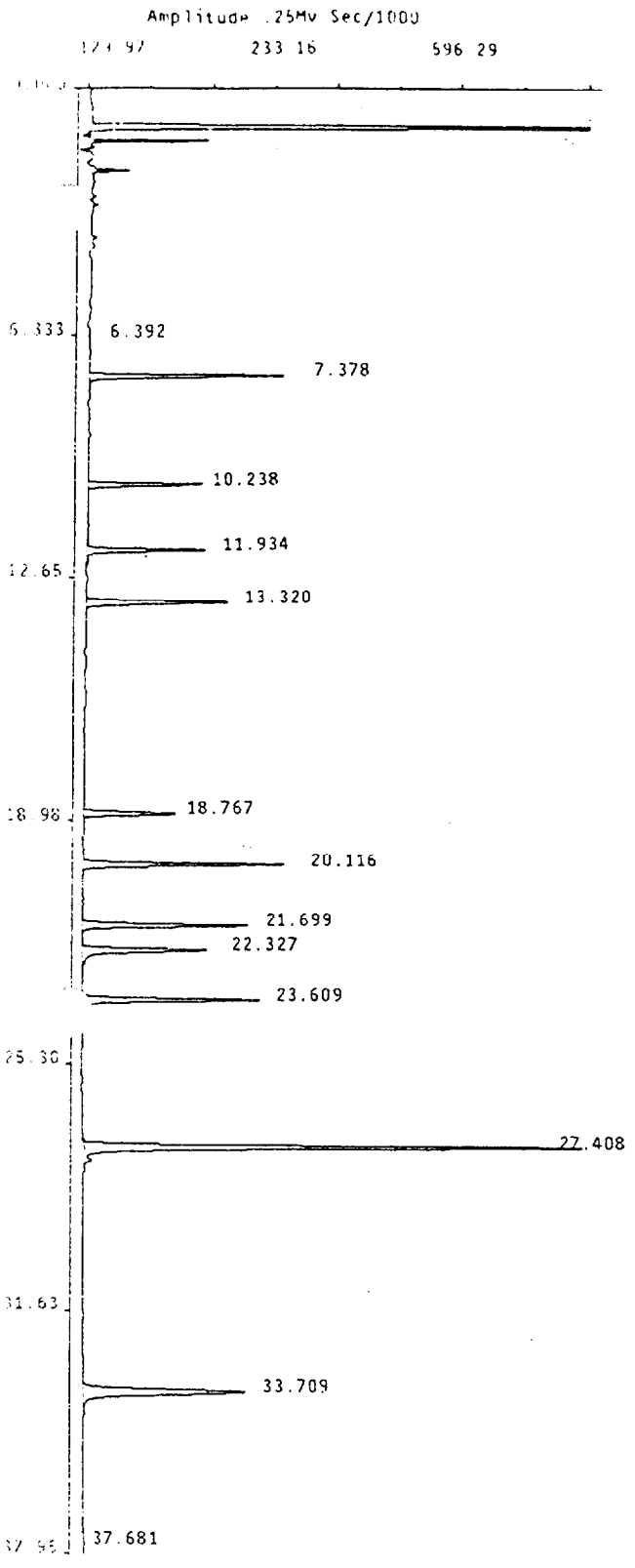
Sample Name : INDAMOA
Lab Id : INDAMOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL014.RES
Inject Time : 0500 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	8.97	70872	BB	.020	TCX
2	12.08	39642	BB	.020	ALPHA-BHC
3	13.88	42477	BB	.020	GAMMA-BHC
4	15.36	71927	BB	.020	HEPTACHLOR
5	21.03	51234	BB	.020	ENDOSULF. I
6	22.41	106887	BB	.040	DIELDRIN
7	24.05	93590	BB	.040	ENDRIN
8	24.54	81031	BB	.040	4,4'-DDD
9	25.86	86976	BB	.040	4,4'-DDT
10	29.77	293277	BB	.200	METHOXYCHLOR
11	30.44	3738	BB	.002	ENDRIN KETON
12	37.80	174944	BB	.040	DCB

Total Area: 1116595

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1023 06Jul1994



Ceimic Corporation Pest/PCB Report

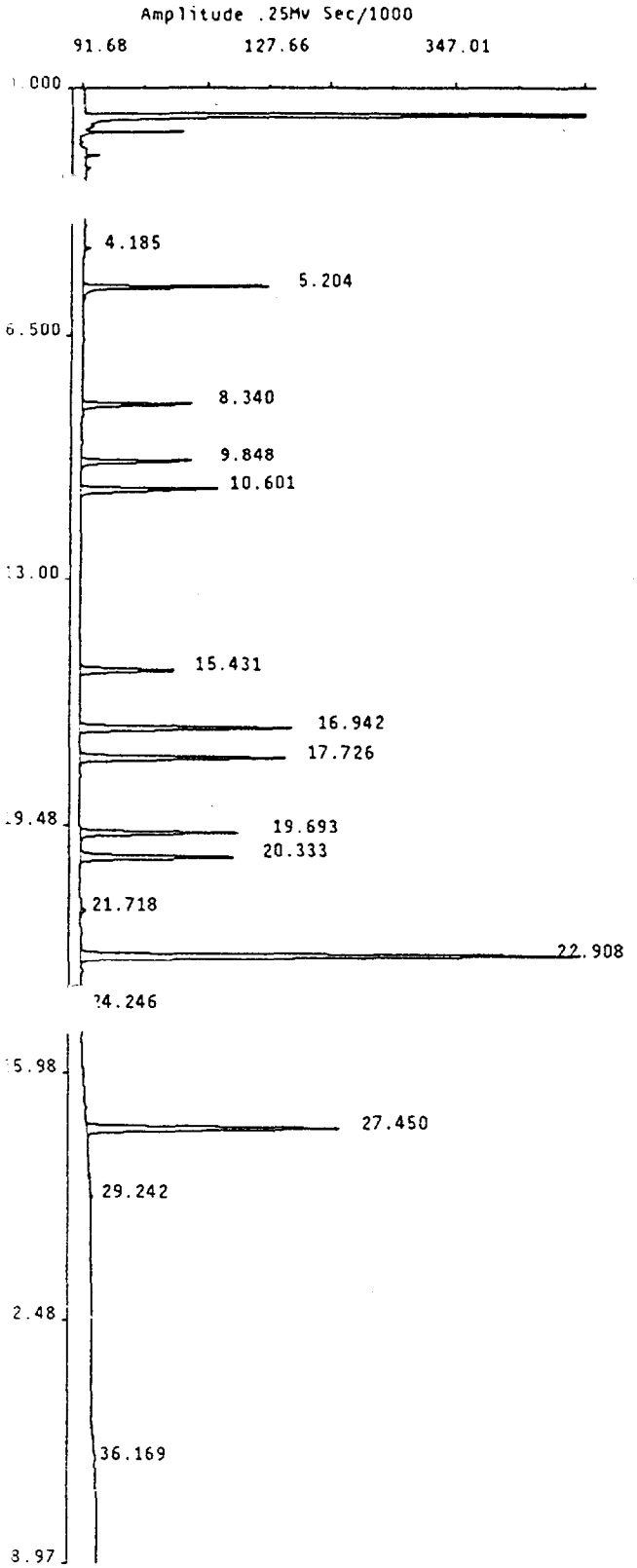
7-26-94

Sample Name : INDAMOA INDAM1A
Lab Id : INDAMOA .I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL014.RES
Inject Time : 2141 21Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	6.39	6707	BB	.001	
2	7.38	208410	BB	.020	TCX
3	10.24	132000	BB	.020	ALPHA-BHC
4	11.93	155815	BB	.020	GAMMA-BHC
5	13.32	208088	BB	.020	HEPTACHLOR
6	18.77	136210	BB	.020	ENDOSULF. I
7	20.12	279397	BB	.040	DIELDRIN
8	21.70	238644	BB	.040	ENDRIN
9	22.33	206429	BB	.040	4,4'-DDD
10	23.61	246105	BB	.040	4,4'-DDT
11	27.41	741509	BB	.200	METHOXYCHLOR
12	33.71	392459	BB	.040	DCB
13	37.68	3383	BB	.001	

Total Area: 2955155

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1703 25Jul1994



Ceimic Corporation Pest/PCB Report

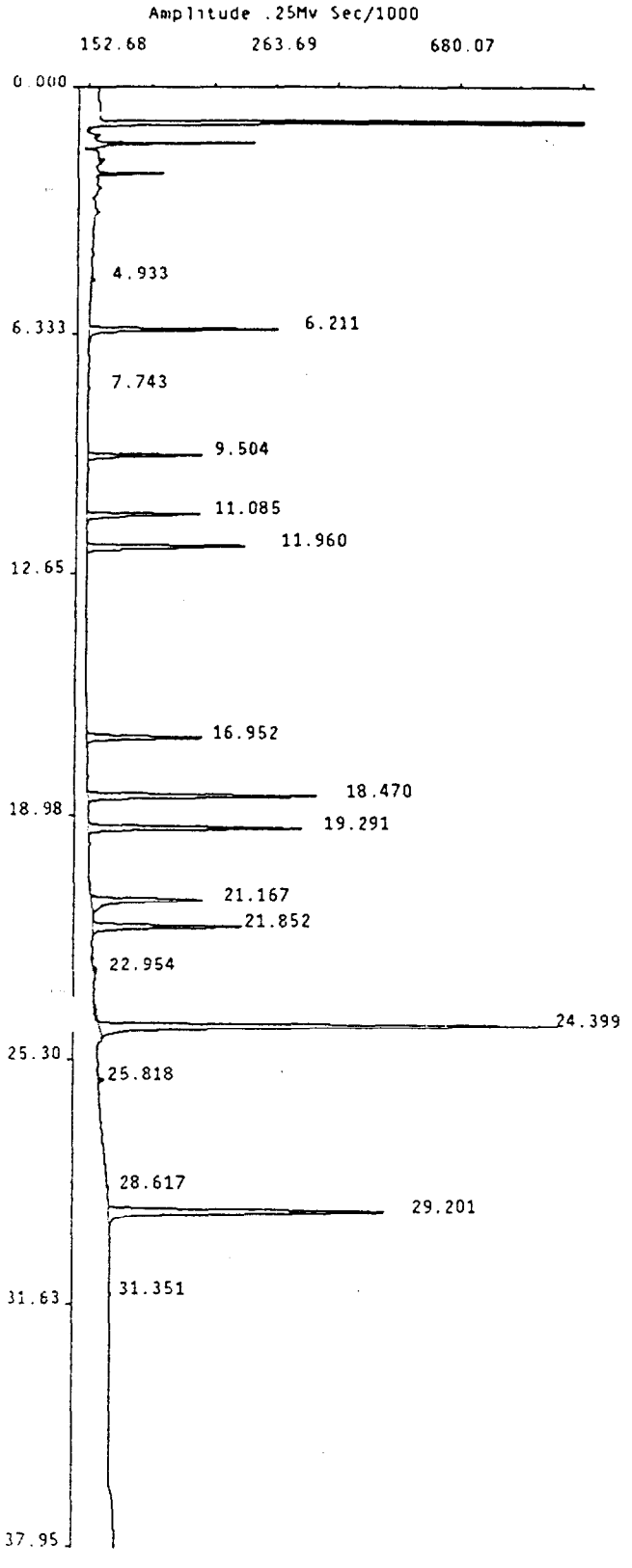
Sample Name : INDAM1A
Lab Id : INDAM1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL014.RES
Inject Time : 0500 06Jul1994
Run Status : RunStatusOK

7-6-94

Pk #	RT	Area	Code	MASSng	Name
1	4.19	3308	BB	.000	
2	5.20	118542	BB	.020	TCX
3	8.34	72165	BB	.020	ALPHA-BHC
4	9.85	78859	BB	.020	GAMMA-BHC
5	10.60	108772	BB	.020	HEPTACHLOR
6	15.43	82253	BB	.020	ENDOSULF. I
7	16.94	167852	BB	.040	DIELDRIN
8	17.73	165231	BB	.040	ENDRIN
9	19.69	139061	BB	.040	4,4'-DDD
10	20.33	127026	BB	.040	4,4'-DDT
11	21.72	4729	BB	.000	
12	22.91	420746	BB	.200	METHOXYCHLOR
13	24.25	4698	BB	.002	ENDRIN KETON
14	27.45	220350	BB	.040	DCB
15	29.24	3379	BB	.000	
16	36.17	3032	BB	.000	

Total Area: 1720004

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1140 06Jul1994



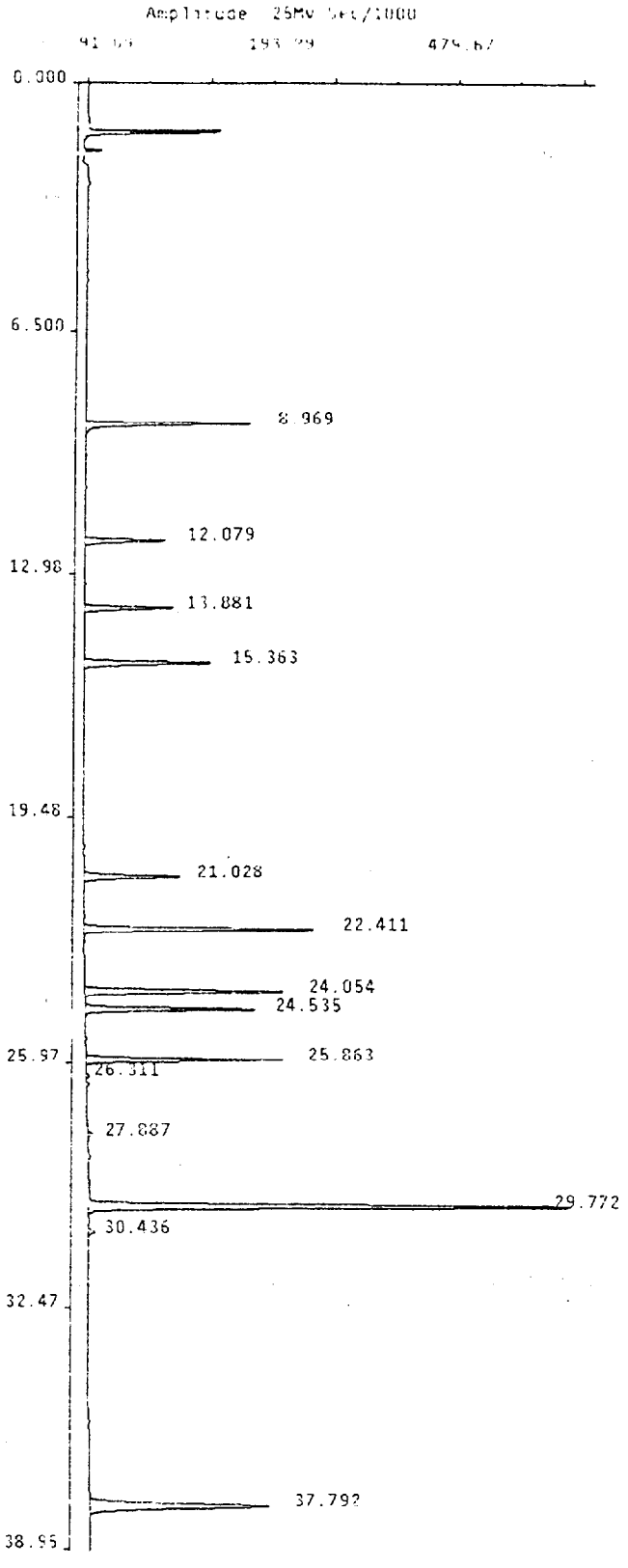
Ceimic Corporation Pest/PCB Report

Sample Name : INDAM1A INDAM3A
Lab Id : INDAM1A .I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : External STD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL014.RES
Inject Time : 2141 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.93	4513	VB	.001	
2	6.21	232052	BB	.020	TCX
3	7.74	2336	BB	.001	
4	9.50	140713	BB	.020	ALPHA-BHC
5	11.08	158891	BB	.020	GAMMA-BHC
6	11.96	248122	BB	.020	HEPTACHLOR
7	16.95	185298	BB	.020	ENDOSULF. I
8	18.47	358368	BB	.040	DIELDRIN
9	19.29	323380	BB	.040	ENDRIN
10	21.17	222989	BB	.040	4,4'-DDD
11	21.85	237374	BB	.040	4,4'-DDT
12	22.95	5199	BB	.001	ENDRIN ALDEH
13	24.40	849942	BB	.200	METHOXYCHLOR
14	25.82	9185	BB	.002	ENDRIN KETON
15	28.62	6108	BB	.001	
16	29.20	536727	BB	.040	DCB
17	31.35	3085	BB	.001	

Total Area: 3524283

Method File: /DATA/METHOD/INDAB08.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1356 22Jul1994



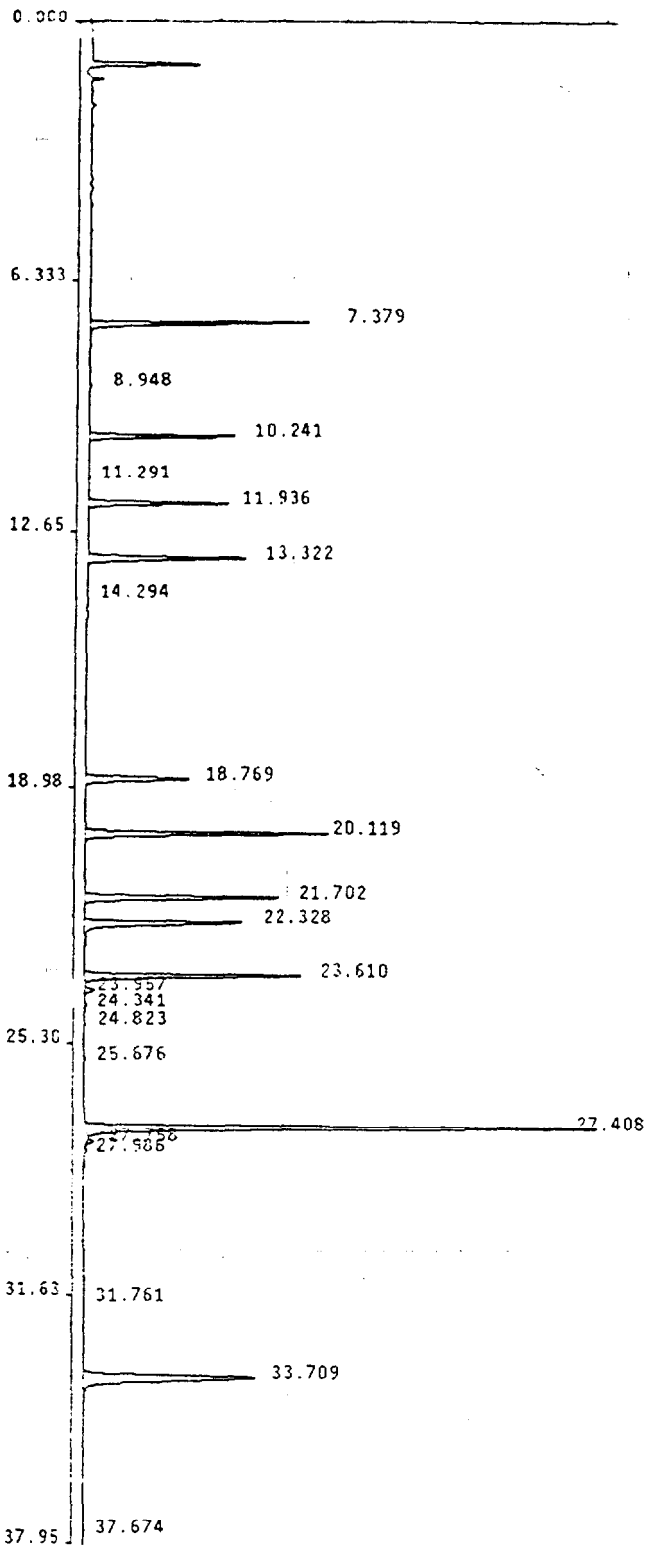
Ceimic Corporation Pest/PCB Report

Sample Name : INDAMHOA
Lab Id : INDAMHOA
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL
Multilevel : False
Peak Processor : Genie
Application : Loop
Calculation : ExternalSTD
Quantitation: AreaUnits
Result File : /CEIMIC20/D6P05JUL016.RES
Inject Time : 0627 06Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	8.97	171519	BB	.048	TCX
2	12.08	93792	BB	.047	ALPHA-BHC
3	13.88	101011	BB	.048	GAMMA-BHC
4	15.36	164504	BB	.046	HEPTACHLOR
5	21.03	118019	BB	.046	ENDOSULF. I
6	22.41	275784	BB	.103	DIELDRIN
7	24.05	241586	BB	.103	ENDRIN
8	24.54	195813	BB	.097	4,4'-DDD
9	25.86	219384	BB	.101	4,4'-DDT
10	26.31	3105	BB	.002	ENDRIN ALDEH
11	27.89	3904	BB	.003	
12	29.77	663284	BB	.452	METHOXYCHLOR
13	30.44	8967	BB	.005	ENDRIN KETON
14	37.79	391740	BB	.090	DCB

Total Area: 2652412

Method File: /DATA/METHOD/QD6P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1126 27Jul1994



Celmic Corporation Pest/PCB Report

Sample Name : INDAMHOA
Lab Id : INDAMHOA, I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M9P21JUL016.RES
Inject Time : 2310 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	481486	BB	.046	TCX
2	8.95	5388	BB	.001	
3	10.24	344009	BB	.052	ALPHA-BHC
4	11.29	3946	BB	.001	
5	11.94	355384	BB	.046	GAMMA-BHC
6	13.32	472041	BB	.045	HEPTACHLOR
7	14.29	2294	BB	.001	
8	18.77	318482	BB	.047	ENDOSULF. I
9	20.12	682435	BB	.098	DIELDRIN
10	21.70	578263	BB	.097	ENDRIN
11	22.33	495832	BB	.096	4,4'-DDD
12	23.61	608586	BB	.099	4,4'-DDT
13	23.96	28665	BB	.007	ENDRIN ALDEH
14	24.34	11654	BB	.003	
15	24.82	2330	BB	.001	
16	25.68	2642	BB	.001	
17	27.41	1606021	BB	.433	METHOXYCHLOR
18	27.76	19233	BB	.003	ENDRIN KETON
19	27.99	2962	BB	.001	
20	31.76	2917	BB	.001	
21	33.71	849738	BB	.087	DCB
22	37.67	5301	BB	.001	

Total Area:		6879608			

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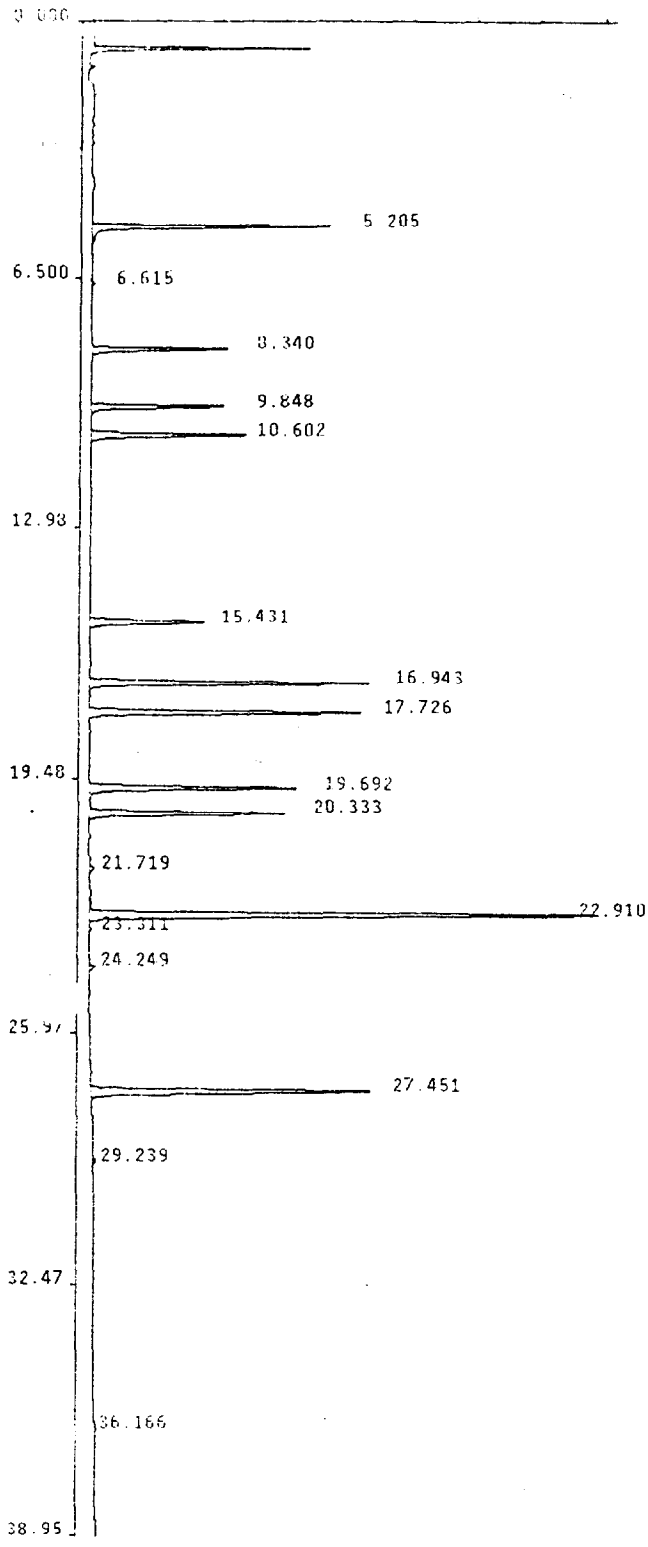
Method File: /DATA/METHOD/INDABQ9.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1134 27Jul1994



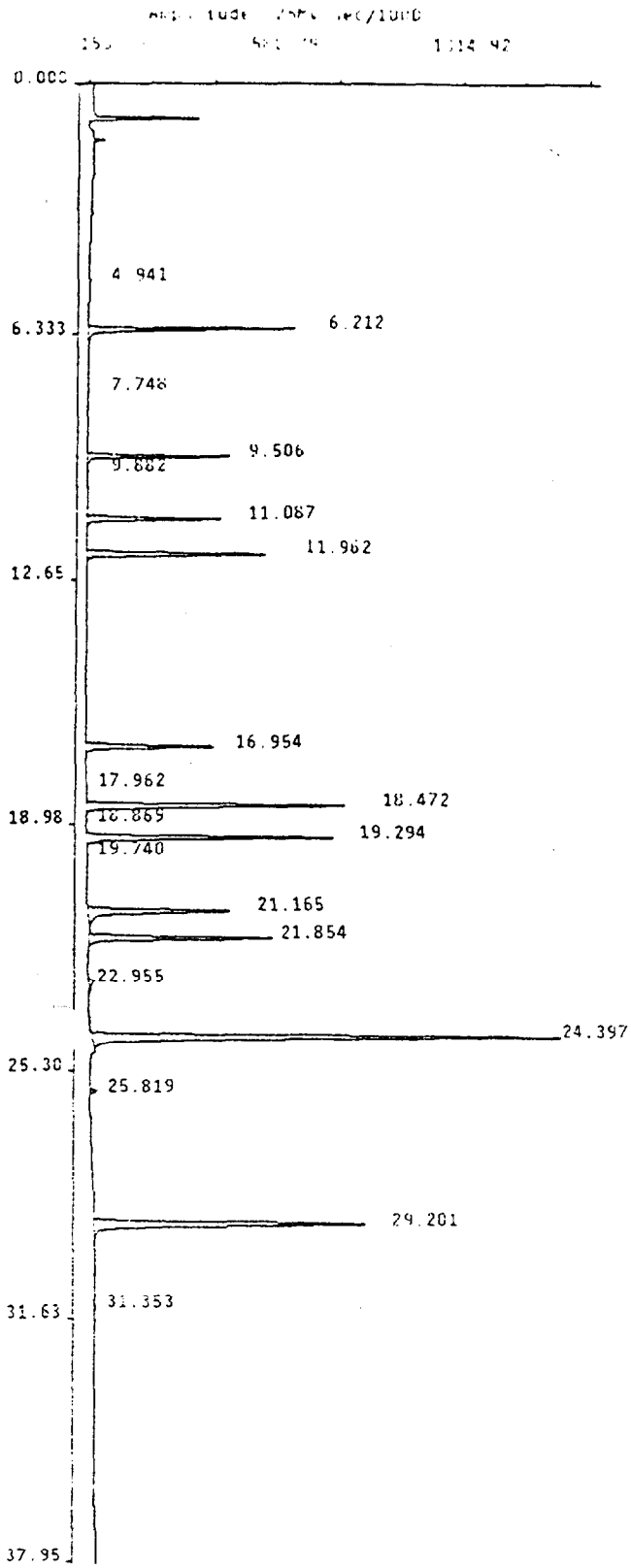
Ceimic Corporation Pest/PCB Report

Sample Name : INDAMH1A
Lab Id : INDAMH1A
Inst Id & Col : AD7_1, D81701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/D7P05JUL016.RES
Inject Time : 0627 06Jul1994
Run Status : RunStatusOK

Pk #	RT	Area	Code	MASSng	Name
1	5.20	290064	BB	.049	TCX
2	6.62	2923	BB	.000	
3	8.34	176819	BB	.049	ALPHA-BHC
4	9.85	191755	BB	.049	GAMMA-BHC
5	10.60	250575	BB	.046	HEPTACHLOR
6	15.43	189385	BB	.046	ENDOSULF. I
7	16.94	436043	BB	.104	DIELDRIN
8	17.73	429981	BB	.104	ENDRIN
9	19.69	334950	BB	.096	4,4'-DDD
10	20.33	323632	BB	.102	4,4'-DDT
11	21.72	9286	BB	.001	
12	22.91	912975	BB	.434	METHOXYCHLOR
13	23.31	4597	BB	.000	
14	24.25	9115	BB	.003	ENDRIN KETON
15	27.45	511825	BB	.093	DC8
16	29.24	6461	BB	.001	
17	36.17	6377	BB	001	

Total Area: 4086765

Method File: /DATA/METHOD/QD7P05JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1122 27Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAMH1A
Lab Id : INDAMH1A, I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /CEIMIC20/M8P21JUL016.RES
Inject Time : 2310 21Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	4.94	4046	VB	.001	
2	6.21	530910	BB	.046	TCX
3	7.75	5234	BB	.001	
4	9.51	364491	BB	.052	ALPHA-BHC
5	9.88	4178	BB	.001	
6	11.09	406551	BB	.051	GAMMA-BHC
7	11.96	594762	BB	.048	HEPTACHLOR
8	16.95	435363	BB	.047	ENDOSULF. I
9	17.96	3617	BB	.000	4,4'-DDE
10	18.47	884378	BB	.099	DIELDRIN
11	18.87	2074	BB	.000	
12	19.29	786412	BB	.097	ENDRIN
13	19.74	3257	BB	.001	
14	21.16	555828	BB	.100	4,4'-DDD
15	21.85	609148	BB	.103	4,4'-DDT
16	22.96	47832	BB	.011	ENDRIN ALDEH
17	24.40	1862146	BB	.438	METHOXYCHLOR
18	25.82	21571	BB	.004	ENDRIN KETON
19	29.20	1159366	BB	.086	DCB
20	31.35	6690	BB	.001	

Total Area: 8287856

Method File: /DATA/METHOD/INDA8Q8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1056 27Jul1994

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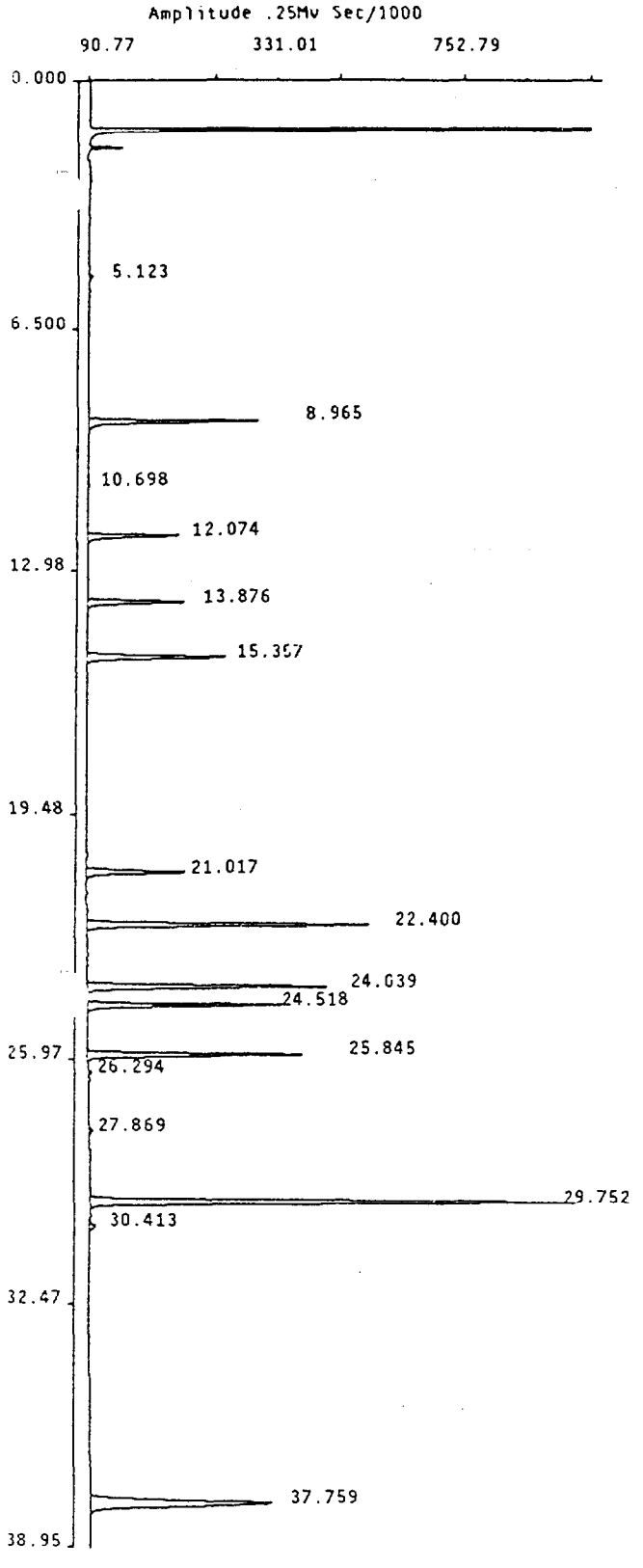

Ceimic Corporation Test/PCB Report

Sample Name : INDAHOA
Lab Id : INDAHOA ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL018.RES
Inject Time : 0753 06Jul1994
Run Status : RunStatusOK

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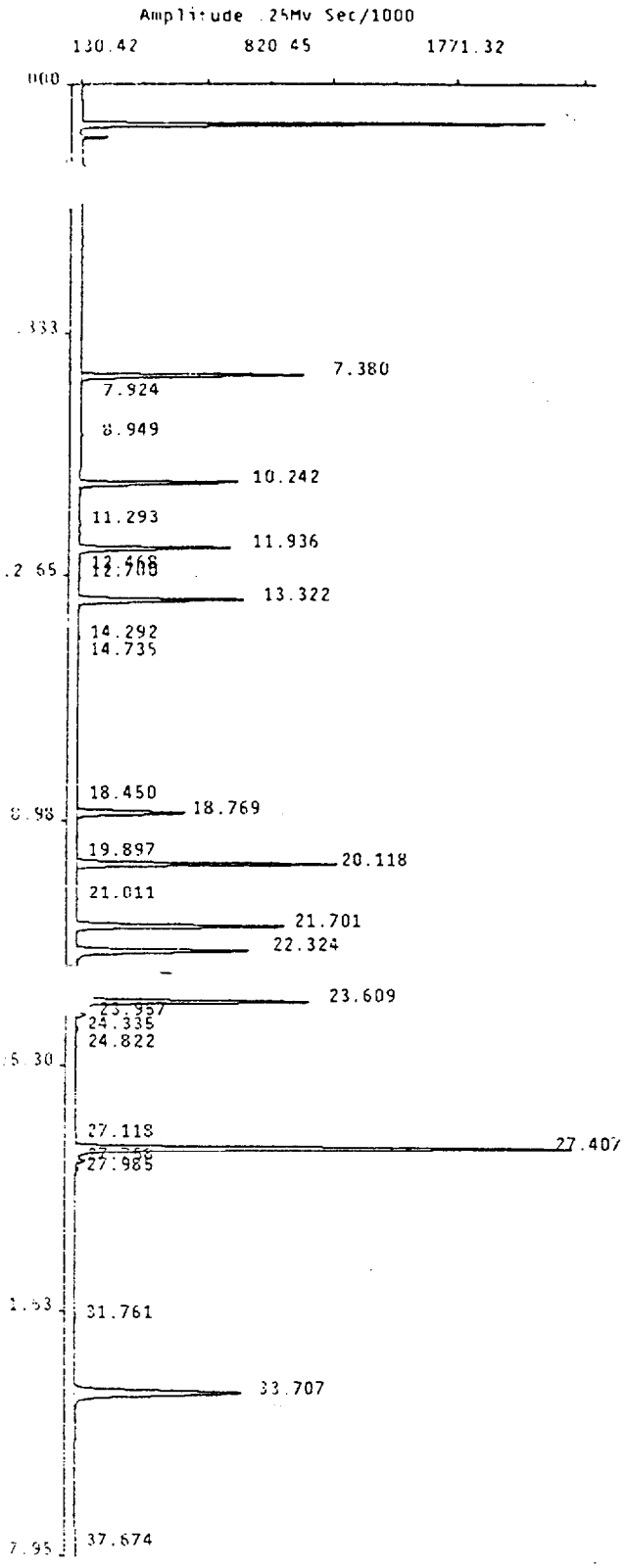
Pk #	RT	Area	Code	MASSng	Name
1	5.12	7663	BB	.006	
2	8.96	302892	BB	.085	TCX
3	10.70	3377	BB	.003	
4	12.07	165304	BB	.083	ALPHA-BHC
5	13.88	178028	BB	.084	GAMMA-BHC
6	15.36	285553	BB	.079	HEPTACHLOR
7	21.02	204915	BB	.080	ENDOSULF. I
8	22.40	526244	BB	.197	DIELDRIN
9	24.04	455643	BB	.195	ENDRIN
10	24.52	350321	BB	.173	4,4'-DDD
11	25.85	420338	BB	.193	4,4'-DDT
12	26.29	6360	BB	.004	ENDRIN ALDEH
13	27.87	7146	BB	.006	
14	29.75	1125130	BB	.767	METHOXYCHLOR
15	30.41	15491	BB	.009	ENDRIN KETON
16	37.76	655728	BB	.150	DCB

Total Area: 4710132

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1026 06Jul1994



Ceimic Corporation Pest/PCB Report

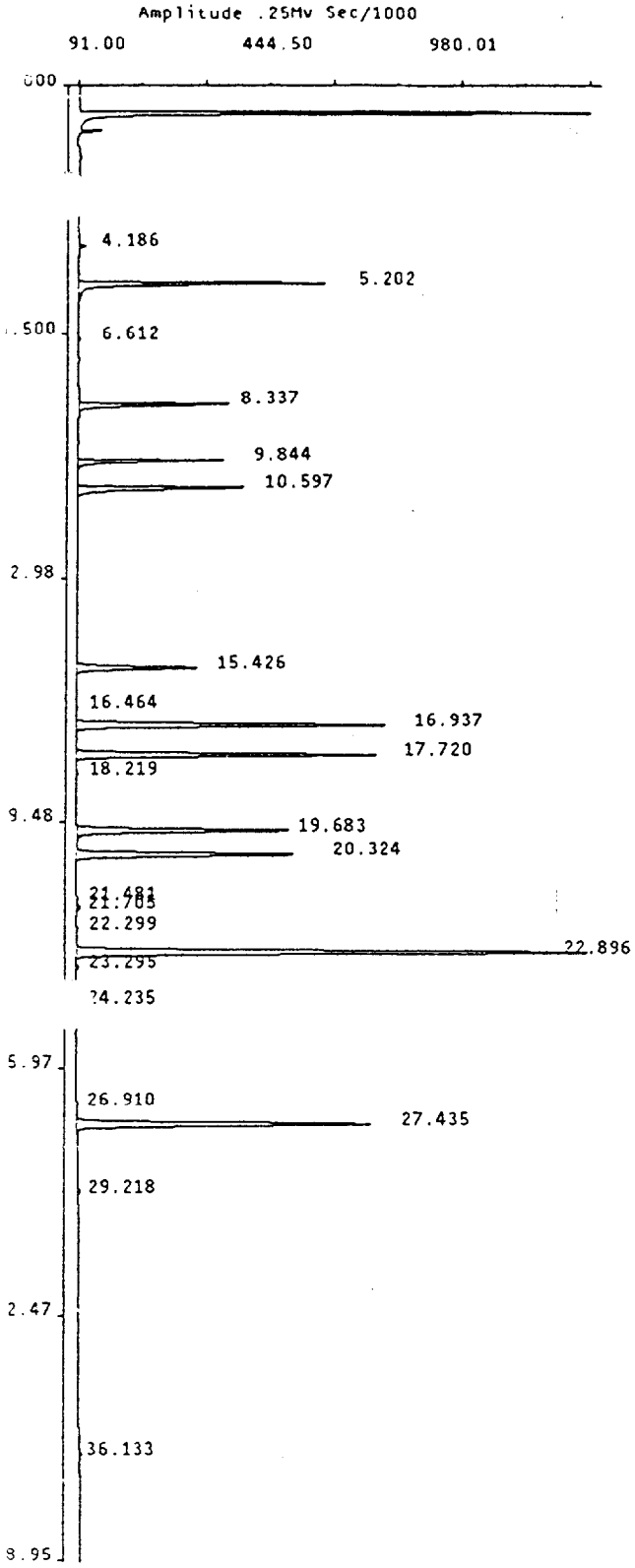
Page 1

Sample Name : INDAHOA IVOAH2A
Lab Id : INDAHOA ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL018.RES
Inject Time : 0039 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

Pk #	RT	Area	Code	MASSng	Name
1	7.38	826390	BB	.079	TCX
2	7.92	2515	BB	.001	
3	8.95	9284	BB	.002	
4	10.24	629271	BB	.095	ALPHA-BHC
5	11.29	6700	BB	.001	
6	11.94	634017	BB	.081	GAMMA-BHC
7	12.47	2618	BB	.001	
8	12.70	2800	BB	.001	
9	13.32	818218	BB	.079	HEPTACHLOR
10	14.29	3323	BB	.001	
11	14.74	2156	BB	.000	ALDRIN
12	18.45	2853	BB	.001	
13	18.77	551693	BB	.081	ENDOSULF. I
14	19.90	3074	BB	.000	4,4'-DDE
15	20.12	1228983	BB	.176	DIELDRIN
16	21.01	3415	BB	.001	
17	21.70	1035593	BB	.174	ENDRIN
18	22.32	866181	BB	.168	4,4'-DDD
19	23.61	1092112	BB	.178	4,4'-DDT
20	23.96	49179	BB	.011	ENDRIN ALDEH
21	24.34	16239	BB	.004	
22	24.82	4132	BB	.001	
23	27.12	3355	BB	.001	
24	27.41	2596237	BS	.700	METHOXYCHLOR
25	27.76	33203	BB	.006	ENDRIN KETON
26	27.99	9827	BB	.002	
27	31.76	4684	BB	.001	
28	33.71	1397586	BB	.142	DCB
29	37.67	9185	BB	.002	

Total Area: 11844828

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2049 25Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDAH1A
Lab Id : INDAH1A ,I
Inst Id & Col : AD7_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D7P05JUL018.RES
Inject Time : 0753 06Jul1994
Run Status : RunStatusOK

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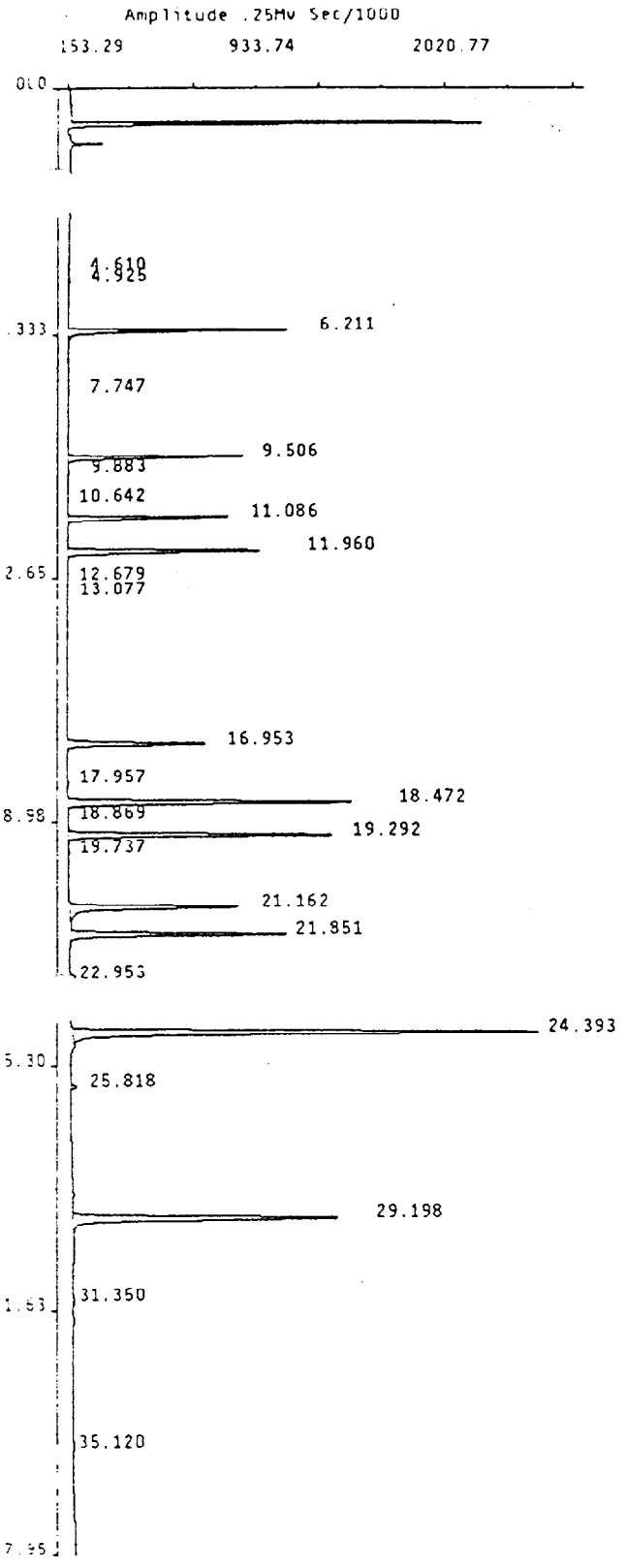
Pk #	RT	Area	Code	MASSng	Name
1	4.19	12484	BB	.001	
2	5.20	509147	BB	.086	TCX
3	6.61	4983	BB	.001	
4	8.34	314942	BB	.087	ALPHA-BHC
5	9.84	339743	BB	.086	GAMMA-BHC
6	10.60	432851	BB	.080	HEPTACHLOR
7	15.43	326573	BB	.079	ENDOSULF. I
8	16.46	4467	BB	.001	4,4'-DDE
9	16.94	807776	BB	.192	DIELDRIN
10	17.72	787088	BB	.191	ENDRIN
11	18.22	3463	BB	.000	
12	19.68	583920	BB	.168	4,4'-DDD
13	20.32	619027	BB	.195	4,4'-DDT
14	21.48	2296	BB	.001	ENDRIN ALDEH
15	21.71	9861	BB	.001	
16	22.30	3239	BB	.000	
17	22.90	1497235	BB	.712	METHOXYCHLOR
18	23.30	8293	BB	.001	
19	24.23	15804	BB	.006	ENDRIN KETON
20	26.91	2755	BB	.000	
21	27.43	875506	BB	.159	DCB
22	29.22	8648	BB	.001	
23	36.13	10171	BB	.001	

Total Area: 7180274

Method File: /DATA/METHOD/INDABQ7.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1142 06Jul1994



Ceimic Corporation Pest/PCB Report

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Sample Name : INDAH1A IN04H24
Lab Id : INDAH1A ,I
Inst Id & Col : AD8_1, DB1701
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M8P21JUL018.RES
Inject Time : 0039 22Jul1994
Run Status : RunStatusOK
EndOffBaseline

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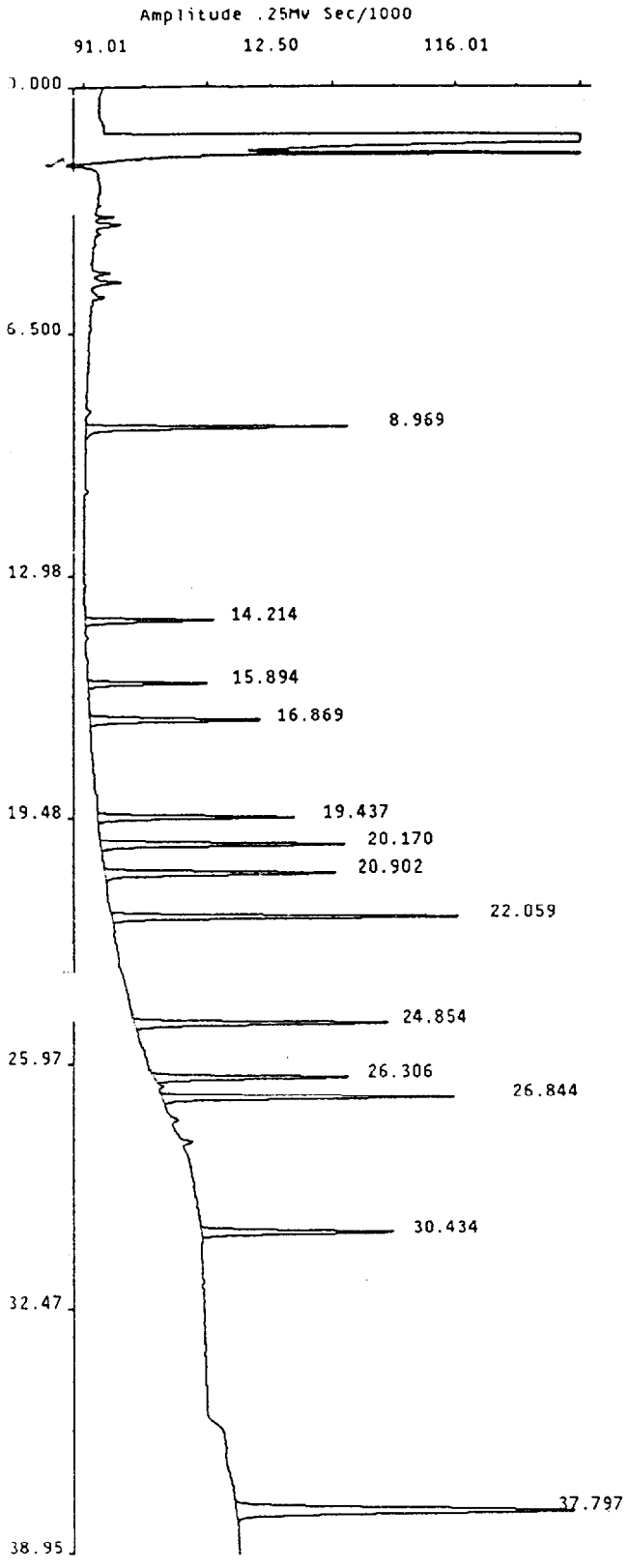
Pk #	RT	Area	Code	MASSng	Name
1	4.61	2191	BV	.000	
2	4.92	7709	VB	.002	
3	6.21	911789	BB	.079	TCX
4	7.75	9021	BB	.002	
5	9.51	709778	BB	.101	ALPHA-BHC
6	9.88	7602	BB	.002	
7	10.64	3269	BB	.001	
8	11.09	767304	BB	.097	GAMMA-BHC
9	11.96	1038994	BB	.084	HEPTACHLOR
10	12.68	2680	BB	.001	
11	13.08	2529	BB	.000	ALDRIN
12	16.95	766784	BB	.083	ENDOSULF. I
13	17.96	4920	BB	.001	4,4'-DDE
14	18.47	1570223	BB	.175	DIELDRIN
15	18.87	3462	BB	.001	
16	19.29	1389195	BB	.172	ENDRIN
17	19.74	5609	BB	.001	
18	21.16	994542	BB	.178	4,4'-DDD
19	21.85	1128884	BB	.190	4,4'-DDT
20	22.95	79498	BB	.018	ENDRIN ALDEH
21	24.39	3034983	BS	.714	METHOXYCHLOR
22	25.82	39907	BB	.007	ENDRIN KETON
23	29.20	1844009	BB	.137	DCB
24	31.35	11782	BB	.003	
25	35.12	3995	BB	.001	

Total Area: 14340664

Method File: /DATA/METHOD/INDABQ8.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1359 22Jul1994



Ceimic Corporation Pest/PCB Report

Sample Name : INDBL0A
Lab Id : INDBL0A ,I
Inst Id & Col : AD6_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/D6P05JUL011.RES
Inject Time : 0250 06Jul1994
Run Status : RunStatusOK

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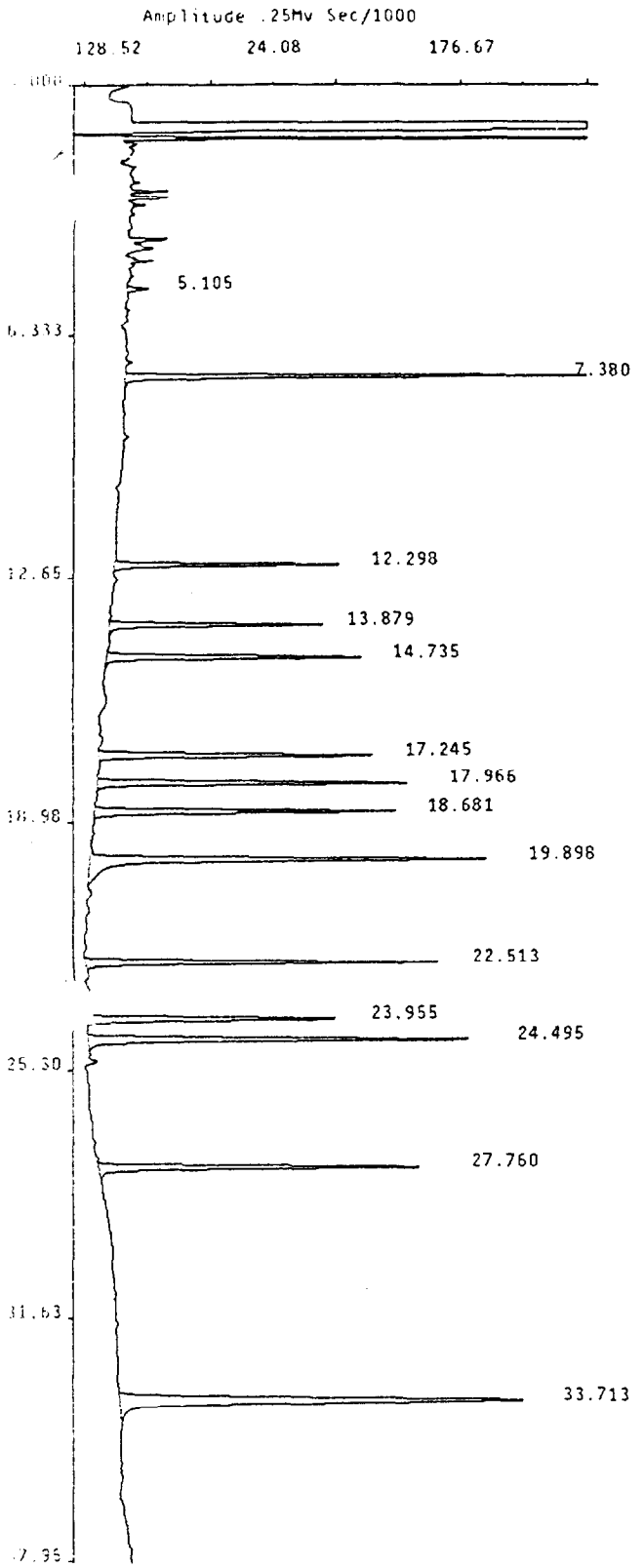
Pk #	RT	Area	Code	MASSng	Name
1	8.97	18359	BB	.005	TCX
2	14.21	9318	BB	.005	BETA-BHC
3	15.89	8805	BB	.005	DELTA-BHC
4	16.87	14946	BB	.005	ALDRIN
5	19.44	16159	BB	.005	H. EPOXIDE
6	20.17	19994	BB	.005	G. CHLORDANE
7	20.90	19569	BB	.005	A. CHLORDANE
8	22.06	26477	BB	.010	4,4'-DDE
9	24.85	20286	BB	.010	ENDOSULF. II
10	26.31	14960	BB	.010	ENDRIN ALDEH
11	26.84	24996	BB	.010	ENDO. SULFAT
12	30.43	17735	BB	.010	ENDRIN KETON
13	37.80	46935	BB	.011	DCB

Total Area: 258541

Method File: /DATA/METHOD/INDABQ6.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 1022 06Jul1994



Ceimic Corporation Pest/PCB Report

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Page 1

Sample Name : INDBL0A INDBL2A
Lab Id : INDBL0A ,I
Inst Id & Col : AD9_1, DB608
Volume Injected: 1.0 uL Multilevel : False
Peak Processor : Genie Application : Loop
Calculation : ExternalSTD Quantitation: AreaUnits
Result File : /DATA/RESULT/M9P21JUL011.RES
Inject Time : 1928 21Jul1994
Run Status : EndOffBaseline
SignalOverload

Pk #	RT	Area	Code	MASSng	Name
1	5.11	2874	BB	.001	
2	7.38	51893	BB	.005	TCX
3	12.30	28719	BB	.005	BETA-BHC
4	13.88	28865	BB	.005	DELTA-BHC
5	14.74	39461	BB	.005	ALDRIN
6	17.25	40792	BB	.005	H. EPOXIDE
7	17.97	48026	BB	.005	G. CHLORDANE
8	18.68	46658	BB	.005	A. CHLORDANE
9	19.90	71263	BB	.009	4,4'-DDE
10	22.51	54228	BB	.009	ENDOSULF.II
11	23.95	39557	BB	.009	ENDRIN ALDEH
12	24.49	60627	BB	.009	ENDO. SULFAT
13	27.76	52063	BB	.009	ENDRIN KETON
14	33.71	100401	BB	.010	DCB

Total Area: 665430

Method File: /DATA/METHOD/QM9P21JUL.MTH
Format File: /DATA/FORMAT/DUAL_COL.FMT
Report Time: 2047 25Jul1994