



THE MEMPHIS DEPOT TENNESSEE

ADMINISTRATIVE RECORD COVER SHEET

AR File Number 49

Groundwater Monitoring
Results Report
for
Defense Depot
Memphis, Tennessee

Volume 6 of 9

Prepared for
U.S. Army Corps of Engineers,
Huntsville Division

Prepared by
Environmental Science
& Engineering, Inc.

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January 1994

APPENDIX D

CLP-LIKE DATA RESULTS FOR
MW-9, MW-10, MW-11, MW-12,
MW-22, AND MW-37

VOLUMES 3 THROUGH 9

APPENDIX D
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SEMIVOLATILE ORGANICS - 8270 + CLOROACETOPHENONE

SDG No. G45378

001938

COVER PAGE

Lab Name: ESE

Project No.: 7934082G

SDG No: G45378

Client ID	Laboratory ID	Matrix (S/W)	Analysis	Date Collected	Date Received	Date Analyzed
MW22SPMS	SPM1*CDDMTW*	W	PHENOL	11/17/93	11/18/93	12/18/93
MW22SPMSD	SPM2*CDDMTW*	W	PHENOL	11/17/93	11/18/93	12/18/93
MW37SP	CDDMTW*37	W	PHENOL	11/18/93	11/19/93	12/18/93
PBLK1	MB*1123*1	W	PHENOL	00/00/00	00/00/00	12/21/93
SP1	SP1*1123*1	W	PHENOL	00/00/00	00/00/00	12/21/93
MW22SP	CDDMTW*22	W	PHENOL	11/17/93	11/18/93	12/21/93

Comments:

ANALYSIS DATA SHEET

MW22SPMS

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
 Matrix: (soil/water) WATER Lab Sample ID: SPM1*CDDMTW*22
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/18/93 Date Received: 11/18/93

CAS NO.	COMPOUND	Q
108-95-2	PHENOL (UG/L)	74.
111-44-4	BIS(2-CHLOROETHYL) ETHER (U	1.0 U
95-57-8	2-CHLOROPHENOL (UG/L)	86.
541-73-1	1,3-DICHLOROBENZENE (UG/L)	1.0 U
106-46-7	1,4-DICHLOROBENZENE (UG/L)	32.
95-50-1	1,2-DICHLOROBENZENE (UG/L)	1.0 U
100-51-6	BENZYL ALCOHOL (UG/L)	2.0 U
95-48-7	2-METHYL PHENOL (UG/L)	2.0 U
106-44-5	4-METHYL PHENOL (UG/L)	2.0 U
39638-32-9	BIS(2-CHL'ISOPROPYL) ETHER (U	1.0 U
621-64-7	N-NITROSODI-N-PROPYLAMINE (UG	33.
67-72-1	HEXACHLOROETHANE (UG/L)	1.0 U
98-95-3	NITROBENZENE (UG/L)	1.0 U
78-59-1	ISOPHORONE (UG/L)	1.0 U
88-75-5	2-NITROPHENOL (UG/L)	2.0 U
105-67-9	2,4-DIMETHYLPHENOL (UG/L)	2.0 U
65-85-0	BENZOIC ACID (UG/L)	5.0 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	1.0 U
120-82-1	1,2,4-TRICH' BENZENE (UG/L)	35.
120-83-2	2,4-DICHLOROPHENOL (UG/L)	2.0 U
91-20-3	NAPHTHALENE (UG/L)	1.0 U
106-47-8	4-CHLOROANILINE (UG/L)	3.0 U
87-68-3	HEXACHLOROBUTADIENE (UG/L)	2.0 U
59-50-7	4-CHLORO-3-METHYL PHENOL (U	100.
91-57-6	2-METHLYNAPHTHALENE (UG/L)	2.0 U
77-47-4	HEXACHLOROCYCLOPENTADIENE (UG	2.0 U
88-06-2	2,4,6-TRICHL'PHENOL (UG/L)	3.0 U

ANALYSIS DATA SHEET

Client ID

MW22SPMS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: SPM1+CDDMTW*22

Sample wt/vol: .

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/18/93

Date Received: 11/18/93

CAS NO.	COMPOUND	Q
95-95-4	2,4,5-TRICHLOROPHENOL (UG/L)	3.0 U
91-58-7	2-CHLORONAPHTHALENE (UG/L)	1.0 U
88-74-4	2-NITROANILINE (UG/L)	3.0 U
131-11-3	DIMETHYLPHTHALATE (UG/L)	1.0 U
208-96-8	ACENAPHTHYLENE (UG/L)	1.0 U
606-20-2	2,6-DINITROTOLUENE (UG/L)	2.0 U
99-09-2	3-NITROANILINE (UG/L)	2.0 U
83-32-9	ACENAPHTHENE (UG/L)	42.
51-28-5	2,4-DINITROPHENOL (UG/L)	30. U
100-02-7	4-NITROPHENOL (UG/L)	84.
132-64-9	DIBENZOFURAN (UG/L)	2.0 U
121-14-2	2,4-DINITROTOLUENE (UG/L)	47.
84-66-2	DIETHYLPHTHALATE (UG/L)	1.0 U
7005-72-3	4-CHLOROPHENYLPHENYL ETHER (U	1.5 U
86-73-7	FLUORENE (UG/L)	1.0 U
100-01-6	4-NITROANILINE (UG/L)	3.0 U
86-30-6	N-NITROSODIPHENYLAMINE (UG/L)	1.0 U
534-52-1	2-METHYL-4,6-DINITROPHENOL (U	20. U
101-55-3	4-BROMOPHENYLPHENYL ETHER (U	2.0 U
118-74-1	HEXACHLOROBENZENE (UG/L)	1.0 U
87-86-5	PENTACHLOROPHENOL (UG/L)	120.
85-01-8	PHENANTHRENE (UG/L)	1.0 U
120-12-7	ANTHRACENE (UG/L)	1.0 U
84-74-2	DI-N-BUTYLPHTHALATE (UG/L)	1.0 U
206-44-0	FLUORANTHENE (UG/L)	1.0 U
129-00-0	PYRENE (UG/L)	49.
85-68-7	BUTYLBENZYLPHTHALATE (UG/L)	1.5 U

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ANALYSIS DATA SHEET

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Client ID

MW22SPMS

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
Matrix: (soil/water) WATER Lab Sample ID: SPM1*CDDMTW*22
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 12/18/93 Date Received: 11/18/93

CAS NO.	COMPOUND	Q	
91-94-1	3,3'-DICHL'BENZIDINE (UG/L) _____	3.0	U
56-55-3	BENZO(A)ANTHRACENE (UG/L) _____	1.0	U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALAT _____	1.0	U
218-01-9	CHRYSENE (UG/L) _____	1.0	U
117-84-0	DI-N-OCTYLPHTHALATE (UG/L) _____	2.0	U
205-99-2	BENZO(B)FLUORANTHENE (UG/L) _____	1.5	U
207-08-9	BENZO(K)FLUORANTHENE (UG/L) _____	1.5	U
50-32-8	BENZO(A)PYRENE (UG/L) _____	2.0	U
193-39-5	INDENO(1,2,3-CD) PYRENE (_____	2.5	U
53-70-3	DIBEN'(A,H)ANTH'CENE (UG/L) _____	2.5	U
191-24-2	BENZO(GHI)PERYLENE (UG/L) _____	2.5	U
532-27-4	ALPHA-CHLOROACETAPHENONE (UG/ _____	2.0	U

ANALYSIS DATA SHEET

MW22SPMSD

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: SPM2*CDDMTW*22

Sample wt/vol:

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/18/93

Date Received: 11/18/93

CAS NO.	COMPOUND	Q
108-95-2	PHENOL (UG/L)	89.
111-44-4	BIS(2-CHLOROETHYL) ETHER (U	1.0 U
95-57-8	2-CHLOROPHENOL (UG/L)	95.
541-73-1	1,3-DICHLOROBENZENE (UG/L)	1.0 U
106-46-7	1,4-DICHLOROBENZENE (UG/L)	43.
95-50-1	1,2-DICHLOROBENZENE (UG/L)	1.0 U
100-51-6	BENZYL ALCOHOL (UG/L)	2.0 U
95-48-7	2-METHYL PHENOL (UG/L)	2.0 U
106-44-5	4-METHYL PHENOL (UG/L)	2.0 U
39638-32-9	BIS(2-CHL'ISOPROPYL) ETHER (U	1.0 U
621-64-7	N-NITROSODI-N-PROPYLAMINE (UG	35.
67-72-1	HEXACHLOROETHANE (UG/L)	1.0 U
98-95-3	NITROBENZENE (UG/L)	1.0 U
78-59-1	ISOPHORONE (UG/L)	1.0 U
88-75-5	2-NITROPHENOL (UG/L)	2.0 U
105-67-9	2,4-DIMETHYLPHENOL (UG/L)	2.0 U
65-85-0	BENZOIC ACID (UG/L)	5.0 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	1.0 U
120-82-1	1,2,4-TRICH' BENZENE (UG/L)	44.
120-83-2	2,4-DICHLOROPHENOL (UG/L)	2.0 U
91-20-3	NAPHTHALENE (UG/L)	1.0 U
106-47-8	4-CHLOROANILINE (UG/L)	3.0 U
87-68-3	HEXACHLOROBUTADIENE (UG/L)	2.0 U
59-50-7	4-CHLORO-3-METHYL PHENOL (U	98.
91-57-6	2-METHLYNAPHTHALENE (UG/L)	2.0 U
77-47-4	HEXACHLOROCYCLOPENTADIENE (UG	2.0 U
88-06-2	2,4,6-TRICHL'PHENOL (UG/L)	3.0 U

ANALYSIS DATA SHEET

MW22SPMSD

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: SPM2*CDDMTW*22

Sample wt/vol: .

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/18/93

Date Received: 11/18/93

CAS NO.	COMPOUND	Q
95-95-4	2,4,5-TRICHLOROPHENOL (UG/L)	3.0 U
91-58-7	2-CHLORONAPHTHALENE (UG/L)	1.0 U
88-74-4	2-NITROANILINE (UG/L)	3.0 U
131-11-3	DIMETHYLPHTHALATE (UG/L)	1.0 U
208-96-8	ACENAPHTHYLENE (UG/L)	1.0 U
606-20-2	2,6-DINITROTOLUENE (UG/L)	2.0 U
99-09-2	3-NITROANILINE (UG/L)	2.0 U
83-32-9	ACENAPHTHENE (UG/L)	41.
51-28-5	2,4-DINITROPHENOL (UG/L)	30. U
100-02-7	4-NITROPHENOL (UG/L)	77.
132-64-9	DIBENZOFURAN (UG/L)	2.0 U
121-14-2	2,4-DINITROTOLUENE (UG/L)	46.
84-66-2	DIETHYLPHTHALATE (UG/L)	1.0 U
7005-72-3	4-CHLOROPHENYLPHENYL ETHER (U	1.5 U
86-73-7	FLUORENE (UG/L)	1.0 U
100-01-6	4-NITROANILINE (UG/L)	3.0 U
86-30-6	N-NITROSODIPHENYLAMINE (UG/L)	1.0 U
534-52-1	2-METHYL-4,6-DINITROPHENOL (U	20. U
101-55-3	4-BROMOPHENYLPHENYL ETHER (U	2.0 U
118-74-1	HEXACHLOROBENZENE (UG/L)	1.0 U
87-86-5	PENTACHLOROPHENOL (UG/L)	110.
85-01-8	PHENANTHRENE (UG/L)	1.0 U
120-12-7	ANTHRACENE (UG/L)	1.0 U
84-74-2	DI-N-BUTYLPHTHALATE (UG/L)	1.0 U
206-44-0	FLUORANTHENE (UG/L)	1.0 U
129-00-0	PYRENE (UG/L)	28.
85-68-7	BUTYLBENZYLPHTHALATE (UG/L)	1.5 U

ANALYSIS DATA SHEET

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Client ID

MW22SPMSD

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: SPM2*CDDMTW*22

Sample wt/vol: .

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/18/93

Date Received: 11/18/93

CAS NO.	COMPOUND	Q	
91-94-1	3,3'-DICHL'BENZIDINE (UG/L) _	3.0	U
56-55-3	BENZO(A)ANTHRACENE (UG/L) _	1.0	U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALAT	2.2	
218-01-9	CHRYSENE (UG/L) _	1.0	U
117-84-0	DI-N-OCTYLPHTHALATE (UG/L) _	2.0	U
205-99-2	BENZO(B)FLUORANTHENE (UG/L) _	1.5	U
207-08-9	BENZO(K)FLUORANTHENE (UG/L) _	1.5	U
50-32-8	BENZO(A)PYRENE (UG/L) _	2.0	U
193-39-5	INDENO(1,2,3-CD) PYRENE (	2.5	U
53-70-3	DIBEN' (A,H)ANTH' CENE (UG/L) _	2.5	U
191-24-2	BENZO(GHI)PERYLENE (UG/L) _	2.5	U
532-27-4	ALPHA-CHLOROACETAPHENONE (UG/	2.0	U

ANALYSIS DATA SHEET

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13

Client ID

MW37SP

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*37
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/18/93 Date Received: 11/19/93

CAS NO.	COMPOUND	Q
108-95-2	PHENOL (UG/L)	2.2
111-44-4	BIS(2-CHLOROETHYL) ETHER (U	1.0 U
95-57-8	2-CHLOROPHENOL (UG/L)	2.0 U
541-73-1	1,3-DICHLOROBENZENE (UG/L)	1.0 U
106-46-7	1,4-DICHLOROBENZENE (UG/L)	1.0 U
95-50-1	1,2-DICHLOROBENZENE (UG/L)	1.0 U
100-51-6	BENZYL ALCOHOL (UG/L)	2.0 U
95-48-7	2-METHYL PHENOL (UG/L)	2.0 U
106-44-5	4-METHYL PHENOL (UG/L)	2.0 U
39638-32-9	BIS(2-CHL'ISOPROPYL) ETHER (U	1.0 U
621-64-7	N-NITROSODI-N-PROPYLAMINE (UG	1.0 U
67-72-1	HEXACHLOROETHANE (UG/L)	1.0 U
98-95-3	NITROBENZENE (UG/L)	1.0 U
78-59-1	ISOPHORONE (UG/L)	1.0 U
88-75-5	2-NITROPHENOL (UG/L)	2.0 U
105-67-9	2,4-DIMETHYLPHENOL (UG/L)	2.0 U
65-85-0	BENZOIC ACID (UG/L)	5.0 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	1.0 U
120-82-1	1,2,4-TRICH' BENZENE (UG/L)	1.0 U
120-83-2	2,4-DICHLOROPHENOL (UG/L)	2.0 U
91-20-3	NAPHTHALENE (UG/L)	1.0 U
106-47-8	4-CHLOROANILINE (UG/L)	3.0 U
87-68-3	HEXACHLOROBUTADIENE (UG/L)	2.0 U
59-50-7	4-CHLORO-3-METHYL PHENOL (U	2.0 U
91-57-6	2-METHLYNAPHTHALENE (UG/L)	2.0 U
77-47-4	HEXACHLOROCYCLOPENTADIENE (UG	2.0 U
88-06-2	2,4,6-TRICHL' PHENOL (UG/L)	3.0 U

ANALYSIS DATA SHEET

MW37SP

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*37
 Sample wt/vol: . Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/18/93 Date Received: 11/19/93

CAS NO.	COMPOUND	Q
95-95-4	2,4,5-TRICHL'PHENOL (UG/L) _____	3.0 U
91-58-7	2-CHLORONAPHTHALENE (UG/L) _____	1.0 U
88-74-4	2-NITROANILINE (UG/L) _____	3.0 U
131-11-3	DIMETHYLPHTHALATE (UG/L) _____	1.0 U
208-96-8	ACENAPHTHYLENE (UG/L) _____	1.0 U
606-20-2	2,6-DINITROTOLUENE (UG/L) _____	2.0 U
99-09-2	3-NITROANILINE (UG/L) _____	2.0 U
83-32-9	ACENAPHTHENE (UG/L) _____	1.0 U
51-28-5	2,4-DINITROPHENOL (UG/L) _____	30. U
100-02-7	4-NITROPHENOL (UG/L) _____	10.0 U
132-64-9	DIBENZOFURAN (UG/L) _____	2.0 U
121-14-2	2,4-DINITROTOLUENE (UG/L) _____	2.0 U
84-66-2	DIETHYLPHTHALATE (UG/L) _____	1.0 U
7005-72-3	4-CHLOROPHENYLPHENYL ETHER (U	1.5 U
86-73-7	FLUORENE (UG/L) _____	1.0 U
100-01-6	4-NITROANILINE (UG/L) _____	3.0 U
86-30-6	N-NITROSODIPHE'AMINE (UG/L) _____	1.0 U
534-52-1	2-METHYL-4,6-DINITROPHENOL (U	20. U
101-55-3	4-BROMOPHENYLPHENYL ETHER (U	2.0 U
118-74-1	HEXACHLOROBENZENE (UG/L) _____	1.0 U
87-86-5	PENTACHLOROPHENOL (UG/L) _____	10.0 U
85-01-8	PHENANTHRENE (UG/L) _____	1.0 U
120-12-7	ANTHRACENE (UG/L) _____	1.0 U
84-74-2	DI-N-BUTYLPHTHALATE (UG/L) _____	1.0 U
206-44-0	FLUORANTHENE (UG/L) _____	1.0 U
129-00-0	PYRENE (UG/L) _____	1.0 U
85-68-7	BUTYLBENZYLPHTHALATE (UG/L) _____	1.5 U

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ANALYSIS DATA SHEET

Client ID

MW37SP

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*37
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 12/18/93 Date Received: 11/19/93

CAS NO.	COMPOUND	Q	
91-94-1	3,3'-DICHL'BENZIDINE (UG/L) —	3.0	U
56-55-3	BENZO(A)ANTHRACENE (UG/L) —	1.0	U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALAT	13.	
218-01-9	CHRYSENE (UG/L) —	1.0	U
117-84-0	DI-N-OCTYLPHTHALATE (UG/L) —	2.0	U
205-99-2	BENZO(B)FLUORANTHENE (UG/L) —	1.5	U
207-08-9	BENZO(K)FLUORANTHENE (UG/L) —	1.5	U
50-32-8	BENZO(A)PYRENE (UG/L) —	2.0	U
193-39-5	INDENO(1,2,3-CD) PYRENE (	2.5	U
53-70-3	DIBEN'(A,H)ANTH'CENE (UG/L) —	2.5	U
191-24-2	BENZO(GHI)PERYLENE (UG/L) —	2.5	U
532-27-4	ALPHA-CHLOROACETAPHENONE (UG/	2.0	U

ANALYSIS DATA SHEET

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16

Client ID

PBLK1

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: MB*1123*1

Sample wt/vol:

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/21/93

Date Received: 00/00/00

CAS NO.

COMPOUND

Q

108-95-2	PHENOL (UG/L)	2.0	U
111-44-4	BIS(2-CHLOROETHYL) ETHER (U	1.0	U
95-57-8	2-CHLOROPHENOL (UG/L)	2.0	U
541-73-1	1,3-DICHLOROBENZENE (UG/L)	1.0	U
106-46-7	1,4-DICHLOROBENZENE (UG/L)	1.0	U
95-50-1	1,2-DICHLOROBENZENE (UG/L)	1.0	U
100-51-6	BENZYL ALCOHOL (UG/L)	2.0	U
95-48-7	2-METHYL PHENOL (UG/L)	2.0	U
106-44-5	4-METHYL PHENOL (UG/L)	2.0	U
39638-32-9	BIS(2-CHL'ISOPROPYL) ETHER (U	1.0	U
621-64-7	N-NITROSODI-N-PROPYLAMINE (UG	1.0	U
67-72-1	HEXACHLOROETHANE (UG/L)	1.0	U
98-95-3	NITROBENZENE (UG/L)	1.0	U
78-59-1	ISOPHORONE (UG/L)	1.0	U
88-75-5	2-NITROPHENOL (UG/L)	2.0	U
105-67-9	2,4-DIMETHYLPHENOL (UG/L)	2.0	U
65-85-0	BENZOIC ACID (UG/L)	5.0	U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	1.0	U
120-82-1	1,2,4-TRICH'BENZENE (UG/L)	1.0	U
120-83-2	2,4-DICHLOROPHENOL (UG/L)	2.0	U
91-20-3	NAPHTHALENE (UG/L)	1.0	U
106-47-8	4-CHLOROANILINE (UG/L)	3.0	U
87-68-3	HEXACHLOROBUTADIENE (UG/L)	2.0	U
59-50-7	4-CHLORO-3-METHYL PHENOL (U	2.0	U
91-57-6	2-METHLYNAPHTHALENE (UG/L)	2.0	U
77-47-4	HEXACHLOROCYCLOPENTADIENE (UG	2.0	U
88-06-2	2,4,6-TRICHL'PHENOL (UG/L)	3.0	U

ANALYSIS DATA SHEET

PBLK1

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: MB*1123*1

Sample wt/vol: .

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/21/93

Date Received: 00/00/00

CAS NO.

COMPOUND

Q

95-95-4	2,4,5-TRICHL'PHENOL (UG/L)	3.0	U
91-58-7	2-CHLORONAPHTHALENE (UG/L)	1.0	U
88-74-4	2-NITROANILINE (UG/L)	3.0	U
131-11-3	DIMETHYLPHTHALATE (UG/L)	1.0	U
208-96-8	ACENAPHTHYLENE (UG/L)	1.0	U
606-20-2	2,6-DINITROTOLUENE (UG/L)	2.0	U
99-09-2	3-NITROANILINE (UG/L)	2.0	U
83-32-9	ACENAPHTHENE (UG/L)	1.0	U
51-28-5	2,4-DINITROPHENOL (UG/L)	30.	U
100-02-7	4-NITROPHENOL (UG/L)	10.0	U
132-64-9	DIBENZOFURAN (UG/L)	2.0	U
121-14-2	2,4-DINITROTOLUENE (UG/L)	2.0	U
84-66-2	DIETHYLPHTHALATE (UG/L)	1.0	U
7005-72-3	4-CHLOROPHENYLPHENYL ETHER (U	1.5	U
86-73-7	FLUORENE (UG/L)	1.0	U
100-01-6	4-NITROANILINE (UG/L)	3.0	U
86-30-6	N-NITROSODIPHE'AMINE (UG/L)	1.0	U
534-52-1	2-METHYL-4,6-DINITROPHENOL (U	20.	U
101-55-3	4-BROMOPHENYLPHENYL ETHER (U	2.0	U
118-74-1	HEXACHLOROBENZENE (UG/L)	1.0	U
87-86-5	PENTACHLOROPHENOL (UG/L)	10.0	U
85-01-8	PHENANTHRENE (UG/L)	1.0	U
120-12-7	ANTHRACENE (UG/L)	1.0	U
84-74-2	DI-N-BUTYLPHTHALATE (UG/L)	1.0	U
206-44-0	FLUORANTHENE (UG/L)	1.0	U
129-00-0	PYRENE (UG/L)	1.0	U
85-68-7	BUTYLBENZYLPHTHALATE (UG/L)	1.5	U

PBLK1

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: MB*1123*1

Sample wt/vol: .

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/21/93

Date Received: 00/00/00

CAS NO.	COMPOUND	Q	
91-94-1	3,3'-DICHL'BENZIDINE (UG/L) _	3.0	U
56-55-3	BENZO(A)ANTHRACENE (UG/L) _	1.0	U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALAT	1.0	U
218-01-9	CHRYSENE (UG/L)	1.0	U
117-84-0	DI-N-OCTYLPHTHALATE (UG/L) _	2.0	U
205-99-2	BENZO(B)FLUORANTHENE (UG/L) _	1.5	U
207-08-9	BENZO(K)FLUORANTHENE (UG/L) _	1.5	U
50-32-8	BENZO(A)PYRENE (UG/L)	2.0	U
193-39-5	INDENO(1,2,3-CD) PYRENE (	2.5	U
53-70-3	DIBEN'(A,H)ANTH'CENE (UG/L) _	2.5	U
191-24-2	BENZO(GHI)PERYLENE (UG/L)	2.5	U
532-27-4	ALPHA-CHLOROACETAPHENONE (UG/	2.0	U

ANALYSIS DATA SHEET

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Client ID

SP1

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: SP1*1123*1

Sample wt/vol:

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/21/93

Date Received: 00/00/00

CAS NO.

COMPOUND

Q

108-95-2	PHENOL (UG/L)	96.	
111-44-4	BIS(2-CHLOROETHYL) ETHER (U	1.0	U
95-57-8	2-CHLOROPHENOL (UG/L)	99.	
541-73-1	1,3-DICHLOROBENZENE (UG/L)	1.0	U
106-46-7	1,4-DICHLOROBENZENE (UG/L)	42.	
95-50-1	1,2-DICHLOROBENZENE (UG/L)	1.0	U
100-51-6	BENZYL ALCOHOL (UG/L)	2.0	U
95-48-7	2-METHYL PHENOL (UG/L)	2.0	U
106-44-5	4-METHYL PHENOL (UG/L)	2.0	U
39638-32-9	BIS(2-CHL'ISOPROPYL) ETHER (U	1.0	U
621-64-7	N-NITROSODI-N-PROPYLAMINE (UG	33.	
67-72-1	HEXACHLOROETHANE (UG/L)	1.0	U
98-95-3	NITROBENZENE (UG/L)	1.0	U
78-59-1	ISOPHORONE (UG/L)	1.0	U
88-75-5	2-NITROPHENOL (UG/L)	2.0	U
105-67-9	2,4-DIMETHYLPHENOL (UG/L)	2.0	U
65-85-0	BENZOIC ACID (UG/L)	5.0	U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	1.0	U
120-82-1	1,2,4-TRICH' BENZENE (UG/L)	41.	
120-83-2	2,4-DICHLOROPHENOL (UG/L)	2.0	U
91-20-3	NAPHTHALENE (UG/L)	1.0	U
106-47-8	4-CHLOROANILINE (UG/L)	3.0	U
87-68-3	HEXACHLOROBUTADIENE (UG/L)	2.0	U
59-50-7	4-CHLORO-3-METHYL PHENOL (U	84.	
91-57-6	2-METHLYNAPHTHALENE (UG/L)	2.0	U
77-47-4	HEXACHLOROCYCLOPENTADIENE (UG	2.0	U
88-06-2	2,4,6-TRICHL' PHENOL (UG/L)	3.0	U

ANALYSIS DATA SHEET

SP1

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
 Matrix: (soil/water) WATER Lab Sample ID: SP1*1123*1
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/21/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q
95-95-4	2,4,5-TRICHL'PHENOL (UG/L)	3.0 U
91-58-7	2-CHLORONAPHTHALENE (UG/L)	1.0 U
88-74-4	2-NITROANILINE (UG/L)	3.0 U
131-11-3	DIMETHYLPHTHALATE (UG/L)	1.0 U
208-96-8	ACENAPHTHYLENE (UG/L)	1.0 U
606-20-2	2,6-DINITROTOLUENE (UG/L)	2.0 U
99-09-2	3-NITROANILINE (UG/L)	2.0 U
83-32-9	ACENAPHTHENE (UG/L)	43.
51-28-5	2,4-DINITROPHENOL (UG/L)	30. U
100-02-7	4-NITROPHENOL (UG/L)	54.
132-64-9	DIBENZOFURAN (UG/L)	2.0 U
121-14-2	2,4-DINITROTOLUENE (UG/L)	37.
84-66-2	DIETHYLPHTHALATE (UG/L)	1.0 U
7005-72-3	4-CHLOROPHENYLPHENYL ETHER (U	1.5 U
86-73-7	FLUORENE (UG/L)	1.0 U
100-01-6	4-NITROANILINE (UG/L)	3.0 U
86-30-6	N-NITROSODIPHE'AMINE (UG/L)	1.0 U
534-52-1	2-METHYL-4,6-DINITROPHENOL (U	20. U
101-55-3	4-BROMOPHENYLPHENYL ETHER (U	2.0 U
118-74-1	HEXACHLOROBENZENE (UG/L)	1.0 U
87-86-5	PENTACHLOROPHENOL (UG/L)	95.
85-01-8	PHENANTHRENE (UG/L)	1.0 U
120-12-7	ANTHRACENE (UG/L)	1.0 U
84-74-2	DI-N-BUTYLPHTHALATE (UG/L)	1.0 U
206-44-0	FLUORANTHENE (UG/L)	1.0 U
129-00-0	PYRENE (UG/L)	66.
85-68-7	BUTYLBENZYLPHTHALATE (UG/L)	1.5 U

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ANALYSIS DATA SHEET

Client ID

SP1

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
Matrix: (soil/water) WATER Lab Sample ID: SP1*1123*1
Sample wt/vol: Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 12/21/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q	
91-94-1	3,3'-DICHL'BENZIDINE (UG/L)	3.0	U
56-55-3	BENZO(A)ANTHRACENE (UG/L)	1.0	U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALAT	1.0	U
218-01-9	CHRYSENE (UG/L)	1.0	U
117-84-0	DI-N-OCTYLPHTHALATE (UG/L)	2.0	U
205-99-2	BENZO(B)FLUORANTHENE (UG/L)	1.5	U
207-08-9	BENZO(K)FLUORANTHENE (UG/L)	1.5	U
50-32-8	BENZO(A)PYRENE (UG/L)	2.0	U
193-39-5	INDENO(1,2,3-CD) PYRENE (	2.5	U
53-70-3	DIBEN'(A,H)ANTH'CENE (UG/L)	2.5	U
191-24-2	BENZO(GHI)PERYLENE (UG/L)	2.5	U
532-27-4	ALPHA-CHLOROACETAPHENONE (UG/	2.0	U

ANALYSIS DATA SHEET

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22

Client ID

MW22SP

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

Matrix: (soil/water) WATER

Lab Sample ID: CDDMTW*22

Sample wt/vol: .

Lab File ID:

%Moisture:

pH:

Dilution Factor: 1.00

Date Analyzed: 12/21/93

Date Received: 11/18/93

CAS NO.	COMPOUND	Q	
108-95-2	PHENOL (UG/L)	2.0	U
111-44-4	BIS(2-CHLOROETHYL) ETHER (U	1.0	U
95-57-8	2-CHLOROPHENOL (UG/L)	2.0	U
541-73-1	1,3-DICHLOROBENZENE (UG/L)	1.0	U
106-46-7	1,4-DICHLOROBENZENE (UG/L)	1.0	U
95-50-1	1,2-DICHLOROBENZENE (UG/L)	1.0	U
100-51-6	BENZYL ALCOHOL (UG/L)	2.0	U
95-48-7	2-METHYL PHENOL (UG/L)	2.0	U
106-44-5	4-METHYL PHENOL (UG/L)	2.0	U
39638-32-9	BIS(2-CHL'ISOPROPYL) ETHER (U	1.0	U
621-64-7	N-NITROSODI-N-PROPYLAMINE (UG	1.0	U
67-72-1	HEXACHLOROETHANE (UG/L)	1.0	U
98-95-3	NITROBENZENE (UG/L)	1.0	U
78-59-1	ISOPHORONE (UG/L)	1.0	U
88-75-5	2-NITROPHENOL (UG/L)	2.0	U
105-67-9	2,4-DIMETHYLPHENOL (UG/L)	2.0	U
65-85-0	BENZOIC ACID (UG/L)	5.0	U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	1.0	U
120-82-1	1,2,4-TRICH' BENZENE (UG/L)	1.0	U
120-83-2	2,4-DICHLOROPHENOL (UG/L)	2.0	U
91-20-3	NAPHTHALENE (UG/L)	1.0	U
106-47-8	4-CHLOROANILINE (UG/L)	3.0	U
87-68-3	HEXACHLOROBUTADIENE (UG/L)	2.0	U
59-50-7	4-CHLORO-3-METHYL PHENOL (U	2.0	U
91-57-6	2-METHLYNAPHTHALENE (UG/L)	2.0	U
77-47-4	HEXACHLOROCYCLOPENTADIENE (UG	2.0	U
88-06-2	2,4,6-TRICHL' PHENOL (UG/L)	3.0	U

ANALYSIS DATA SHEET

MW22SP

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*22
 Sample wt/vol: Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/21/93 Date Received: 11/18/93

CAS NO.	COMPOUND	Q
95-95-4	2,4,5-TRICHL'PHENOL (UG/L) _____	3.0 U
91-58-7	2-CHLORONAPHTHALENE (UG/L) _____	1.0 U
88-74-4	2-NITROANILINE (UG/L) _____	3.0 U
131-11-3	DIMETHYLPHthalate (UG/L) _____	1.0 U
208-96-8	ACENAPHTHYLENE (UG/L) _____	1.0 U
606-20-2	2,6-DINITROTOLUENE (UG/L) _____	2.0 U
99-09-2	3-NITROANILINE (UG/L) _____	2.0 U
83-32-9	ACENAPHTHENE (UG/L) _____	1.0 U
51-28-5	2,4-DINITROPHENOL (UG/L) _____	30. U
100-02-7	4-NITROPHENOL (UG/L) _____	10.0 U
132-64-9	DIBENZOFURAN (UG/L) _____	2.0 U
121-14-2	2,4-DINITROTOLUENE (UG/L) _____	2.0 U
84-66-2	DIETHYLPHthalate (UG/L) _____	1.0 U
7005-72-3	4-CHLOROPHENYLPHENYL ETHER (U	1.5 U
86-73-7	FLUORENE (UG/L) _____	1.0 U
100-01-6	4-NITROANILINE (UG/L) _____	3.0 U
86-30-6	N-NITROSODIPHE'AMINE (UG/L) _____	1.0 U
534-52-1	2-METHYL-4,6-DINITROPHENOL (U	20. U
101-55-3	4-BROMOPHENYLPHENYL ETHER (U	2.0 U
118-74-1	HEXACHLOROBENZENE (UG/L) _____	1.0 U
87-86-5	PENTACHLOROPHENOL (UG/L) _____	10.0 U
85-01-8	PHENANTHRENE (UG/L) _____	1.0 U
120-12-7	ANTHRACENE (UG/L) _____	1.0 U
84-74-2	DI-N-BUTYLPHthalate (UG/L) _____	1.0 U
206-44-0	FLUORANTHENE (UG/L) _____	1.0 U
129-00-0	PYRENE (UG/L) _____	1.0 U
85-68-7	BUTYLBENZYLPHthalate (UG/L) _____	1.5 U

ANALYSIS DATA SHEET

MW22SP

Lab Name: ESE Project No.: 7934082G SDG No.: G45378
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*22
 Sample wt/vol: . Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/21/93 Date Received: 11/18/93

CAS NO.	COMPOUND	Q	
91-94-1	3,3'-DICHL'BENZIDINE (UG/L)	3.0	U
56-55-3	BENZO(A)ANTHRACENE (UG/L)	1.0	U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALAT	1.0	U
218-01-9	CHRYSENE (UG/L)	1.0	U
117-84-0	DI-N-OCTYLPHTHALATE (UG/L)	2.0	U
205-99-2	BENZO(B)FLUORANTHENE (UG/L)	1.5	U
207-08-9	BENZO(K)FLUORANTHENE (UG/L)	1.5	U
50-32-8	BENZO(A)PYRENE (UG/L)	2.0	U
193-39-5	INDENO(1,2,3-CD) PYRENE (	2.5	U
53-70-3	DIBEN'(A,H)ANTH'CENE (UG/L)	2.5	U
191-24-2	BENZO(GHI)PERYLENE (UG/L)	2.5	U
532-27-4	ALPHA-CHLOROACETAPHENONE (UG/	2.0	U

QUALITY CONTROL DATA

001958

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

MW22SPMS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
PHENOL	100	0.	72	72.0	12- 89
2-CHLOROPHENOL	100	0.	86	86.0	27-123
1,4-DICHLOROBENZENE	50	0.	32	64.0	36- 97
N-NITROSODI-N-PROPYLAMI	50	0.	33	66.0	41-116
1,2,4-TRICH' BENZENE	50	0.	35	70.0	39- 98
4-CHLORO-3-METHYL PHE	100	0.	100	100.0 *	23- 97

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD % REC #	% RPD #	QC LIMITS RPD REC.
=====	=====	=====	=====	=====	=====
PHENOL	100	87	87.0	18.9	42 12-89
2-CHLOROPHENOL	100	95	95.0	9.9	40 27-123
1,4-DICHLOROBENZENE	50	43	86.0	29.3 *	28 36-97
N-NITROSODI-N-PROPYLAMI	50	35	70.0	5.9	38 41-116
1,2,4-TRICH' BENZENE	50	44	88.0	22.8	28 39-98
4-CHLORO-3-METHYL PHE	100	98	98.0 *	2.0	42 23-97

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENT:

49 27

Client ID

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

MW22SPMS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC #	QC LIMITS REC.
=====	=====	=====	=====	=====	=====
ACENAPHTHENE	50	0.	42	84.0	46-118
4-NITROPHENOL	100	0.	84	84.0 *	10- 80
2,4-DINITROTOLUENE	50	0.	47	94.0	24- 96
PENTACHLOROPHENOL	100	0.	120	120.0 *	9-103
DI-N-BUTYLPHTHALATE	50	0.	0.09	0.2	-
PYRENE	50	0.	49	98.0	26-127

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD % REC #	% RPD #	QC LIMITS RPD REC.
=====	=====	=====	=====	=====	=====
ACENAPHTHENE	50	41	82.0	2.4	31 46-118
4-NITROPHENOL	100	77	77.0	8.7	50 10-80
2,4-DINITROTOLUENE	50	46	92.0	2.2	38 24-96
PENTACHLOROPHENOL	100	110	110.0 *	8.7	50 9 -103
DI-N-BUTYLPHTHALATE	50	0.0	0.0	200.0	-
PYRENE	50	28	56.0	54.5 *	31 26-127

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENT:

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

MW22SPMS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G45378

COMPOUND		SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC #	QC LIMITS REC.
BIS (2-ETHYLHEXYL)	PH	50	0.	0.73	1.5	

COMPOUND		SPIKE ADDED	MSD CONCENTRATION	MSD % REC #	% RPD #	QC LIMITS RPD REC.
BIS (2-ETHYLHEXYL)	PH	50	2.2	4.4	98.3	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENT:

ESE METHOD BLANK SUMMARY

Client ID

PBLK1

Lab Name: ESE

Project No: 7934082G

SDG No.: G45378

Lab Sample ID: MB*1123*1

Lab File ID:

Matrix: (soil/water) WATER

Instrument ID:

Date Analyzed : 12/21/93

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
=====	=====	=====
MW22SP	CDDMTW*22	12/21/93
MW22SPMS	SPM1*CDDMTW*22	12/18/93
MW22SPMSD	SPM2*CDDMTW*22	12/18/93
MW37SP	CDDMTW*37	12/18/93

COMMENTS:

49 30

Client ID

REFERENCE STANDARD

SP1

Lab Name: ESE

SDG No: G45378

Lab Sample ID: SP1*1123*1

Date Analyzed: 12/21/93

Standard Source:

Instrument ID:

Analyte	True	Found	C	%Recv	Limits
PHENOL	100.	96.		96.0	12- 89
2CHLOPHEN	100.	99.		99.0	27-123
1,4-DCB	50.	42.		84.0	36- 97
N-NS-N-PR	50.	33.		66.0	41-116
124TCLBEN	50.	41.		82.0	39- 98
4CL3MEPHE	100.	84.		84.0	23- 97
ACENAPH	50.	43.		86.0	46-118
4-NITPHEN	100.	54.		54.0	10- 80
2,4DNT	50.	37.		74.0	24- 96
PENCLPHEN	100.	95.		95.0	9-103
DI-N-BUPH	50.	1.0	U	2.0	-
PYRENE	50.	66.		132.0	26-127
B(2ETH)PH	50.	1.0	U	2.0	-

Comments:

FORM V ESE

001963

SURROGATE RECOVERIES

Lab Name: ESE

Contract: 7934082G

SDG No.: G45378

Analyte: 2,4,6-TRIBROMOPHENOL

Limits: 10-123

Client Sample ID	Recv
MW22SPMS	69
MW22SPMSD	173
MW37SP	87
MW22SP	75

* Values outside of QC limits

49 32

SURROGATE RECOVERIES

Lab Name: ESE

Contract: 7934082G

SDG No.: G45378

Analyte: TERPHENYL-D(14)

Limits: 33-141

Client Sample ID	Recv
MW22SPMS	69
MW22SPMSD	173
MW37SP	87
MW22SP	75

* Values outside of QC limits

SURROGATE RECOVERIES

49 33

Lab Name: ESE

Contract: 7934082G

SDG No.: G45378

Analyte: 2-FLUOROPHENOL

Limits: 21-100

Client Sample ID	Recv
MW22SPMS	69
MW22SPMSD	173
MW37SP	87
MW22SP	75

* Values outside of QC limits

SURROGATE RECOVERIES

49 34

Lab Name: ESE

Contract: 7934082G

SDG No.: G45378

Analyte: PHENOL-D(5)

Limits: 10- 94

Client Sample ID	Recv
MW22SPMS	69
MW22SPMSD	173
MW37SP	87
MW22SP	75

* Values outside of QC limits

Lab Name: ESE

Contract: 7934082G

SDG No.: G45378

Analyte: NITROBENZENE-D(5)

Limits: 35-114

Client Sample ID	Recv
MW22SPMS	69
MW22SPMSD	173
MW37SP	87
MW22SP	75

* Values outside of QC limits

SURROGATE RECOVERIES

49 36

Lab Name: ESE

Contract: 7934082G

SDG No.: G45378

Analyte: 2-FLUOROBIPHENYL

Limits: 43-116

Client Sample ID	Recv
MW22SPMS	69
MW22SPMSD	173
MW37SP	87
MW22SP	75

* Values outside of QC limits

RAW DATA

GC/MS BATCH DOCUMENTATION CHECKLIST

Extraction	
Initial or NA	
<u>DJD</u>	Organic Extraction Logsheet copies
<u>DJD</u>	Laboratory Notebook (comments) copies
<u>DJD</u>	
Extractor Initials	Date <u>11-30-93</u>
Navy Supplement	
Control Charts (each analyte)	
Notes:	
Analysis	
Initial or NA	
<u>DMR</u>	Method
<u>DMR</u>	Tuning Report - BFB/DFTPP
<u>DMR</u>	Calibration
<u>DMR</u>	Calibration Check
<u>DMR</u>	Response Factors
<u>DMR</u>	Identification (ID) File
<u>DMR</u>	Raw Data
<u>DMR</u>	Method Blank
<u>DMR</u>	Samples
<u>DMR</u>	Quality Control (QC) Samples
<u>DMR</u>	Verification Spectra
<u>DMR</u>	Upload File (detection limit)
<u>DMR</u>	Instrument Logbook Page - copy
<u>DMR</u>	Correspondence & Memos
<u>DMR</u>	Unknowns
<u>DMR</u>	Batch Printout
<u>DMR</u>	
Analyst Initials	Date <u>12/29/93</u>
<u>DMR</u>	
Checked by	Date <u>1/4/94</u>

001971

Quantitation Report File: 12189304

Data: 12189304.TI
12/18/93 13:47:00

Sample: MB*1123*1 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FIRM

Submitted by: IMRITTER

Analyst: 0642

Weight: 0.000
Asct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**	
2	C140 1146-65-2 NAPHTHALENE-D8 **IS2**	
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**	
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**	
5	C170 1719-03-5 CHRYSENE-D10 **IS5**	
6	C175 1520-96-3 PERYLENE-D12 **IS6**	
7	CS50 267-12-4 2-FLUOROPHENOL **SU1**	
8	CS45 4165-62-2 PHENOL-D5 **SU2**	
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**	
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**	
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**	
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**	
13	C215 108-95-2 PHENOL	
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER	
15	C330 95-57-8 2-CHLOROPHENOL	
16	C335 541-73-1 1,3-DICHLOROBENZENE	
17	C340 106-46-7 1,4-DICHLOROBENZENE	
18	C350 95-50-1 1,2-DICHLOROBENZENE	
19	C345 100-51-6 BENZYL ALCOHOL	
20	C355 95-48-7 2-METHYLPHENOL	
21	C365 106-44-5 4-METHYLPHENOL	
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER	
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE	
24	C375 67-72-1 HEXACHLOROETHANE	
25	C410 98-95-3 NITROBENZENE	
26	C415 78-59-1 ISOPHORONE	
27	C420 88-75-5 2-NITROPHENOL	
28	C425 105-67-9 2,4-DIMETHYLPHENOL	
29	C430 65-85-0 BENZOIC ACID	
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE	
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE	
32	C440 120-83-2 2,4-DICHLOROPHENOL	
33	C450 91-20-3 NAPHTHALENE	
34	C455 106-47-8 4-CHLORANILINE	
35	C460 87-68-3 HEXACHLOROBUTADIENE	
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL	

001973

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39 C515 86-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHENE
42 C530 89-74-4 2-NITROANILINE
43 C535 131-11-3 DIMETHYLPHTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

001974

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Height)	Amount	UG/UL	%Tot
1	152	1807	10:19	1	1.000	A BB	176840.	40.000	NG/UL	6.26
2	136	2351	13:24	2	1.000	A BB	516676.	40.000	NG/UL	6.26
3	164	3128	17:50	3	1.000	A BB	249216.	40.000	NG/UL	6.26
4	188	3788	21:35	4	1.000	A BB	235772.	40.000	NG/UL	6.26
5	240	4976	28:22	5	1.000	A BB	68464.	40.000	NG/UL	6.26
6	264	5600	31:55	6	1.000	A BB	55396.	40.000	UG/ML	6.26
7	112	1277	7:17	1	0.706	A BB	429917.	84.431	UG/ML	13.21
8	99	1682	9:35	1	0.930	A BB	457224.	64.864	UG/ML	10.15
9	82	2046	11:40	2	0.870	A BB	242312.	43.650	UG/ML	6.83
10	172	2841	16:12	3	0.908	A BB	345544.	40.269	UG/ML	6.30
11	330	3479	19:50	4	0.918	A BB	115476.	104.775	UG/ML	16.39
12	244	4521	25:46	5	0.909	A BB	137020.	61.353	UG/ML	9.60
13	NOT FOUND									
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	NOT FOUND									
30	NOT FOUND									
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									

001975

44 NOT FOUND
45 NOT FOUND
46 NOT FOUND
47 NOT FOUND
48 NOT FOUND
49 NOT FOUND
50 NOT FOUND

Quantitation Report File: 12189304

Data: 12189304.II
12/18/93 13:47:00

Sample: MSW1123*1 SUR*50*100
Conds.:

Formula: FINBL4 FINSSM4

Instrument: FIRM

Weight: 0.000

Submitted by: DMRITIER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	Area(Hght)	Amount	%Tot
51	C570 121-14-2 2,4-DINITROTOLUENE			
52	C580 84-66-2 DIETHYLPHTHALATE			
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER			
54	C590 86-73-7 FLUORENE			
55	C595 100-01-6 4-NITROANILINE			
56	C615 86-30-6 N-NITROSODIPHENYLAMINE			
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL			
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER			
59	C630 118-74-1 HEXACHLOROBENZENE			
60	C635 87-86-5 PENTACHLOROPHENOL			
61	C640 85-01-8 PHENANTHRENE			
62	C645 120-12-7 ANTHRACENE			
63	C650 84-74-2 DI-N-BUTYLPHTHALATE			
64	C655 206-44-0 FLUORANTHENE			
65	C715 129-00-0 PYRENE			
66	C720 85-68-7 BUTYLBENZYLPHTHALATE			
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE			
68	C730 56-55-3 BENZO(A)ANTHRACENE			
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE			
70	C740 218-01-9 CHRYSENE			
71	C760 117-84-0 DI-N-OCTYLPHTHALATE			
72	C765 205-99-2 BENZO(B)FLUORANTHENE			
73	C770 207-08-9 BENZO(K)FLUORANTHENE			
74	C775 50-32-8 BENZO(A)PYRENE			
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE			
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE			
77	C790 191-24-2 BENZO(G,H,I)PERYLENE			
78	CXXX 532-27-4 2-CHLORACETOPHENONE			
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE			
80	CXXX 92-87-5 BENZIDINE			
81	CXXX 122-66-7 DIPHENYLHYDRAZINE / 103-33-3 AZOBENZENE			

No	m/z	Scan	Time	Ref	RT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								

001977

55 NOT FOUND
 56 NOT FOUND
 57 NOT FOUND
 58 NOT FOUND
 59 NOT FOUND
 60 NOT FOUND
 61 NOT FOUND
 62 NOT FOUND

No	m/z	Scan	Time	Ref	RRT	Height	Area(Hght)	Amount	XTot
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	NOT FOUND								
70	NOT FOUND								
71	NOT FOUND								
72	NOT FOUND								
73	NOT FOUND								
74	NOT FOUND								
75	NOT FOUND								
76	NOT FOUND								
77	NOT FOUND								
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

001979

Quantitation Report File: 12189305

Data: 12189305.T1

12/18/93 14:44:00

Sample: SP1#1123#1 SUR#50#100 TAR#50#100

Conds.:

Formula: FINDER FINDER Instrument: FINDER

Submitted by: IMRITTER Analyst: 0642

Weight: 9.000
Recd. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-55-2 NAPHTHALENE-D8 **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	C850 367-12-4 2-FLUOROPHENOL **SU1**
8	C845 4165-62-2 PHENOL-D5 **SU2**
9	C820 4165-60-0 NITROBENZENE-D5 **SU3**
10	C825 321-60-8 2-FLUOROBIPHENYL **SU4**
11	C855 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**
12	C830 1718-51-0 TERPHEYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLORANILINE
35	C460 87-68-3 HEXACHLOROBIADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHALENE
42 C530 88-74-4 2-NITROANILINE
43 C535 131-11-3 DIMETHYLPHTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

001981

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	M/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	UG/ML	%Tot
1	152	1810	10:19	1	1.000	A BB	176984.	40.000	NG/UL	2.96
2	136	2352	13:24	2	1.000	A BB	544804.	40.000	NG/UL	2.96
3	164	3128	17:50	3	1.000	A BB	263952.	40.000	NG/UL	2.96
4	188	3789	21:36	4	1.000	A BB	285728.	40.000	NG/UL	2.96
5	240	4976	28:22	5	1.000	A BB	86904.	40.000	NG/UL	2.96
6	264	5601	31:56	6	1.000	A BB	69800.	40.000	UG/ML	2.96
7	112	1277	7:17	1	0.706	A BB	400922.	78.673	UG/ML	5.83
8	99	1685	9:36	1	0.931	A BB	560096.	79.393	UG/ML	5.88
9	82	2047	11:40	2	0.870	A BB	247380.	42.262	UG/ML	3.13
10	172	2842	16:12	3	0.909	A BB	364224.	39.732	UG/ML	2.94
11	330	3480	19:50	4	0.918	A BB	123644.	100.074	UG/ML	7.42
12	244	4522	25:47	5	0.909	A BB	144600.	54.791	UG/ML	4.06
13	94	1691	9:38	1	0.934	A BB	518538.	81.681	UG/ML	6.05
14	NOT FOUND									
15	128	1721	9:49	1	0.951	A BB	494832.	89.218	UG/ML	6.61
16	NOT FOUND									
17	146	1817	10:21	1	1.004	A BB	251684.	39.348	UG/ML	2.92
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	70	1999	11:24	1	1.104	A BB	160796.	32.932	UG/ML	2.44
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	NOT FOUND									
30	NOT FOUND									
31	180	2332	13:18	2	0.991	A BB	184672.	41.433	UG/ML	3.07
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	107	2624	14:57	2	1.116	A BB	369952.	98.128	UG/ML	7.27
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									

001982

43 NOT FOUND
 44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 153 3143 17:55 3 1.005 A BB 276296. 41.286 UG/ML 3.06
 48 NOT FOUND 18:18 3 1.027 A BB 44936. 70.422 UG/ML 5.22
 49 109 3211
 50 NOT FOUND

001983

Quantitation Report File: 12189305

Data: 12189305.TI

12/18/93 14:44:00

Sample: SF1*1123*1 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FIDM

Submitted by: IMRITTER

Analyst: Q642

Weight: 0.000
Acct. Mo.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	Area(Mght)	Amount	Ug/mL	X1st
51	C570 121-14-2 2,4-DINITROTOLUENE				
52	C580 84-66-2 DIETHYLPHTHALATE				
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER				
54	C590 86-73-7 FLUORENE				
55	C595 100-01-6 4-NITROANILINE				
56	C615 86-30-6 N-NITROSODIPHENYLAMINE				
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL				
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER				
59	C630 118-74-1 HEXACHLOROBENZENE				
60	C635 87-86-5 PENTACHLOROPHENOL				
61	C640 85-01-8 PHENANTHRENE				
62	C645 120-12-7 ANTHRACENE				
63	C650 84-74-2 DI-N-BUTYLPHTHALATE				
64	C655 206-44-0 FLUORANTHENE				
65	C715 129-00-0 PYRENE				
66	C720 85-69-7 BUTYLBENZYLPHTHALATE				
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE				
68	C730 56-55-3 BENZO(A)ANTHRACENE				
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE				
70	C740 218-01-9 CHRYSENE				
71	C760 117-84-0 DI-N-OCTYLPHTHALATE				
72	C765 205-99-2 BENZO(B)FLUORANTHENE				
73	C770 207-08-9 BENZO(K)FLUORANTHENE				
74	C775 50-32-8 BENZO(A)PYRENE				
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE				
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE				
77	C790 191-24-2 BENZO(G,H,I)PERYLENE				
78	CXXX 62-75-9 N-NITROSODIMETHYLAMINE				
79	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-23-3 AZOBENZENE				
80	CXXX 92-87-5 BENZIDINE				
81	CXXX 532-27-4 2-CHLOROACETOPHENONE				

No	n/z	Scan	Time	Ref	RFT	Meth	Area(Mght)	Amount	Ug/mL	X1st
51	165	3229	18:24	3	1.032	A BB	77828.	41.236		3.06
52	NOT FOUND									
53	NOT FOUND									

001984

55 NOT FOUND
 56 NOT FOUND
 57 NOT FOUND
 58 NOT FOUND
 59 NOT FOUND
 60 266 3709
 61 NOT FOUND
 62 NOT FOUND

21:08 4 0.979 A RB 130608. 103.859 U/s/M. 7.70

001985

No	m/z	Scan	Time	Ref	RRT	Ratio	Area(Hght)	Amount	%Tot
63	NOT FOUND								
64	NOT FOUND								
65	202	4130	25:15	5	0.890	A BB	249290.	74.890 UG/ML	5.55
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	NOT FOUND								
70	NOT FOUND								
71	NOT FOUND								
72	NOT FOUND								
73	NOT FOUND								
74	NOT FOUND								
75	NOT FOUND								
76	NOT FOUND								
77	NOT FOUND								
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

Quantitation Report File: 12189306

Data: 12189306.T1
12/18/93 15:41:00

Sample: C00WTUW22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4 Instrument: FINN

Submitted by: DMKITTER Analyst: 0642

Weight: 0.000
Acct. Mo.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **VIS1**
2	C140 1146-65-2 NAPHTHALENE-D8 **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **VIS3**
4	C160 1517-22-2 PHERANTHRENE-D10 **VIS4**
5	C170 1719-03-5 CHRYSENE-D10 **VIS5**
6	C175 1520-96-3 PERYLENE-D12 **VIS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**
12	CS30 1718-51-0 TERPHERYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-NI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROBENZYL
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL

001987

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHALENE
42 C530 88-74-4 2-NITROANILINE
43 C535 131-11-3 DIMETHYLPHTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

001988

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	NG/UL	%Tot
1	152	1810	10:19	1	1.000	A BB	143892.	40.000	NG/UL	7.22
2	136	2351	13:24	2	1.000	A BB	439380.	40.000	NG/UL	7.22
3	164	3128	17:50	3	1.000	A BB	214608.	40.000	NG/UL	7.22
4	188	3788	21:35	4	1.000	A BB	247016.	40.000	NG/UL	7.22
5	240	4976	28:22	5	1.000	A BB	97900.	40.000	NG/UL	7.22
6	264	5601	31:56	6	1.000	A BB	91988.	40.000	UG/ML	7.22
7	112	1276	7:16	1	0.705	A BB	294328.	71.039	UG/ML	12.82
8	99	1681	9:35	1	0.929	A BB	400092.	69.755	UG/ML	12.59
9	82	2046	11:40	2	0.870	A BB	182996.	38.764	UG/ML	7.09
10	172	2842	16:12	3	0.909	A BB	271728.	36.457	UG/ML	6.58
11	330	3479	19:50	4	0.918	A BB	95412.	89.639	UG/ML	16.18
12	244	4521	25:46	5	0.909	A BB	21688.	6.791	UG/ML	1.23
13	94	1685	9:36	1	0.931	A BB	10496.	1.705	UG/ML	0.31
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	NOT	FOUND								
27	NOT	FOUND								
28	NOT	FOUND								
29	NOT	FOUND								
30	NOT	FOUND								
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								

001989

44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 NOT FOUND
 48 NOT FOUND
 49 NOT FOUND
 50 NOT FOUND

Quantitation Report File: 12189306

Data: 12189306.11

12/18/93 15:41:00

Sample: CDDMTW*22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FIRM

Submitted by: DMFITTER

Analyst: C642

Weight: 9.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	Area(Hght)	Amount	%Tot
51	C570 121-14-2 2,4-DINITROTOLUENE			
52	C580 84-66-2 DIETHYLPHTHALATE			
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER			
54	C590 86-73-7 FLUORENE			
55	C595 100-01-6 4-NITROANILINE			
56	C615 86-30-6 N-NITROSODIPHENYLAMINE			
57	C610 524-52-1 4,6-DINITRO-2-METHYLPHENOL			
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER			
59	C630 118-74-1 HEXACHLOROBENZENE			
60	C635 87-86-5 PENTACHLOROPHENOL			
61	C640 85-01-8 PHENANTHRENE			
62	C645 120-12-7 ANTHRACENE			
63	C650 84-74-2 DI-N-BUTYLPHTHALATE			
64	C655 206-44-0 FLUORANTHENE			
65	C715 129-00-0 PYRENE			
66	C720 85-68-7 BUTYLBENZYLPHTHALATE			
67	C725 91-84-1 3,3'-DICHLOROBENZIDINE			
68	C730 56-55-3 BENZO(A)ANTHRACENE			
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE			
70	C740 218-01-9 CHRYSENE			
71	C760 117-84-0 DI-N-OCTYLPHTHALATE			
72	C765 205-99-2 BENZO(B)FLUORANTHENE			
73	C770 207-08-9 BENZO(K)FLUORANTHENE			
74	C775 50-32-8 BENZO(A)PYRENE			
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE			
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE			
77	C790 191-24-2 BENZO(G,H,I)PERYLENE			
78	CXXX 532-27-4 2-CHLORACETOPHENONE			
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE			
80	CXXX 92-87-5 BENZIDINE			
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-23-3 AZOBENZENE			
51	NOT FOUND			
52	NOT FOUND			
53	NOT FOUND			

001891

55	NOT	FOUND
56	NOT	FOUND
57	NOT	FOUND
58	NOT	FOUND
59	NOT	FOUND
60	NOT	FOUND
61	NOT	FOUND
62	NOT	FOUND

No	m/z	Scan	Time	Ref	PKT	Meth	Area(Hght)	Amount	%Tot
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	NOT FOUND								
70	NOT FOUND								
71	NOT FOUND								
72	NOT FOUND								
73	NOT FOUND								
74	NOT FOUND								
75	NOT FOUND								
76	NOT FOUND								
77	NOT FOUND								
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

001993

Quantitation Report File: 12189307

Data: 12189307.T1

12/18/93 16:38:00

Sample: SPM1*CDMTU*22 SUR*50*100 TAR*50*100

Conds.:

Formula: F1NDL4 FINSSH4

Instrument: FINN

Submitted by: DMRIITER

Analyst: 0642

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**	
2	C140 1146-65-2 NAPHTHALENE-D9 **IS2**	
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**	
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**	
5	C170 1719-03-5 CHRYSENE-D10 **IS5**	
6	C175 1520-96-3 PERYLENE-D12 **IS6**	
7	C850 367-12-4 2-FLUOROPHENOL **SU1**	
8	C845 4165-62-2 PHENOL-D5 **SU2**	
9	C820 4165-60-0 NITROBENZENE-D5 **SU3**	
10	C825 321-60-8 2-FLUOROBIPHENYL **SU4**	
11	C855 118-79-6 2,4,6-TRIMETHYLPHENOL **SU5**	
12	C830 1718-51-0 TERPHENYL-D14 **SU6**	
13	C315 108-95-2 PHENOL	
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER	
15	C330 95-57-8 2-CHLOROPHENOL	
16	C335 541-73-1 1,3-DICHLOROBENZENE	
17	C340 106-46-7 1,4-DICHLOROBENZENE	
18	C350 95-50-1 1,2-DICHLOROBENZENE	
19	C345 100-51-6 BENZYL ALCOHOL	
20	C355 95-48-7 2-METHYLPHENOL	
21	C365 106-44-5 4-METHYLPHENOL	
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER	
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE	
24	C375 67-72-1 HEXACHLOROETHANE	
25	C410 98-95-3 NITROBENZENE	
26	C415 78-59-1 ISOPHORONE	
27	C420 88-75-5 2-NITROPHENOL	
28	C425 105-67-9 2,4-DIMETHYLPHENOL	
29	C430 65-85-0 BENZOIC ACID	
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE	
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE	
32	C440 120-83-2 2,4-DICHLOROPHENOL	
33	C450 91-20-3 NAPHTHALENE	
34	C455 106-47-6 4-CHLORODANILINE	
35	C460 87-68-3 HEXACHLOROCYCLOPENTADIENE	
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL	

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHENE
42 C530 98-74-4 2-NITROANILINE
43 C535 131-11-3 DIMETHYLPHTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

001935

43 NOT FOUND
 44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 153 3142 17:55 3 1.004 A BB 303000. 41.799 US/HL 3.33
 48 NOT FOUND
 49 109 3212 18:19 3 1.027 A BB 57372. 83.942 US/HL 6.70
 50 NOT FOUND

001997

55 NOT FOUND
 56 NOT FOUND
 57 NOT FOUND
 58 NOT FOUND
 59 NOT FOUND
 60 266 3709
 61 NOT FOUND
 62 NOT FOUND

21:08 4 0.979 A BB 189092. 115.803 UG/ML 9.24

001999

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	UO/ML	%Tot
63	149	4090	23:19	4	1.079	A BB	1056.	0.087	UO/ML	0.01
64	NOT FOUND									
65	202	4430	25:15	5	0.890	A BE	353280.	48.839	UO/ML	3.90
66	NOT FOUND									
67	NOT FOUND									
68	NOT FOUND									
69	149	5031	28:41	5	1.011	A BE	2536.	0.726	UO/ML	0.06
70	NOT FOUND									
71	NOT FOUND									
72	NOT FOUND									
73	NOT FOUND									
74	NOT FOUND									
75	NOT FOUND									
76	NOT FOUND									
77	NOT FOUND									
78	NOT FOUND									
79	NOT FOUND									
80	NOT FOUND									
81	NOT FOUND									

002000

Quantitation Report File: 12189308

Date: 12189308.II
12/18/93 17:36:06

Sample: SPM2*CDMTU*22 SUR*50*100 TAR*50*100
Conds.:

Formula: FINDL4 FINSSM4 Instrument: FINN
Submitted by: DMRIITER Analyst: 0642

Weight: 0.000
Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

N2	Name	3855-82-1	1,4-DICHLOROBENZENE-D4	**IS1**
1	C130	1146-65-2	NAPHTHALENE-D8	**IS2**
2	C140	15067-26-2	ACENAPHTHENE-D10	**IS3**
3	C150	1517-22-2	PHENANTHRENE-D10	**IS4**
4	C160	1719-03-5	CHRYSENE-D10	**IS5**
5	C170	1520-96-3	PERYLENE-D12	**IS6**
6	C175	367-12-4	2-FLUOROPHENOL	**SU1**
7	CS50	4165-62-2	PHENOL-D5	**SU2**
8	CS45	4165-60-0	NITROBENZENE-D5	**SU2**
9	CS20	321-60-8	2-FLUOROBIPHENYL	**SU4**
10	CS25	118-79-6	2,4,6-TRICHLOROPHENOL	**SU5**
11	CS55	1718-51-0	TERPHENYL-D14	**SU6**
12	CS30	108-95-2	PHENOL	
13	C315	111-44-4	BIS(2-CHLOROETHYL)ETHER	
14	C325	95-57-8	2-CHLOROPHENOL	
15	C330	541-73-1	1,3-DICHLOROBENZENE	
16	C335	106-46-7	1,4-DICHLOROBENZENE	
17	C340	95-50-1	1,2-DICHLOROBENZENE	
18	C350	100-51-6	BENZYL ALCOHOL	
19	C345	95-48-7	2-METHYLPHENOL	
20	C355	106-44-5	4-METHYLPHENOL	
21	C365	39638-32-9	BIS(C-CHLOROETHYLISOPROPYL)ETHER	
22	C360	621-64-7	N-NITROSO-DI-PROPYLAMINE	
23	C370	67-72-1	HEXACHLOROETHANE	
24	C375	98-95-3	NITROBENZENE	
25	C410	78-59-1	ISOPHORONE	
26	C415	88-75-5	2-NITROPHENOL	
27	C420	105-67-9	2,4-DIMETHYLPHENOL	
28	C425	65-85-0	BENZOIC ACID	
29	C430	111-91-1	BIS(2-CHLOROETHOXY)METHANE	
30	C435	120-82-1	1,2,4-TRICHLOROBENZENE	
31	C445	120-83-2	2,4-DICHLOROPHENOL	
32	C440	91-20-3	NAPHTHALENE	
33	C450	106-47-8	4-CHLOROANILINE	
34	C455	87-68-3	HEXACHLOROCYCLODIENE	
35	C460	59-50-7	4-CHLOR-3-METHYLPHENOL	
36	C465			

002001

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHALENE
42 C530 88-74-4 2-NITROANILINE
43 C535 131-11-3 DIMETHYLPHTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

002002

No	Name	m/z	Scan	Time	Ref	RET	Meth	Area(Hght)	Amount	UG/ML	%Tot
48	C555 51-28-5 2,4-DINITROPHENOL	152	1810	10:19	1	1.000	A BB	132580.	40.000	UG/ML	2.38
49	C560 100-02-7 4-NITROPHENOL	136	2351	13:24	2	1.000	A BB	403284.	40.000	UG/ML	2.38
50	C565 132-64-9 DIBENZOFURAN	164	3128	17:50	3	1.000	A BB	170848.	40.000	UG/ML	2.38
1		188	3789	21:36	4	1.000	A BB	239600.	40.000	UG/ML	2.38
2		240	4975	28:21	5	1.000	A BB	113588.	40.000	UG/ML	2.38
3		264	5601	31:56	6	1.000	A BB	114104.	40.000	UG/ML	2.38
4		112	1278	7:17	1	0.706	A BB	641528.	173.288	UG/ML	10.31
5		99	1685	9:36	1	0.931	A BB	893872.	149.142	UG/ML	10.06
6		82	2048	11:40	2	0.871	A BB	403720.	93.174	UG/ML	5.54
7		172	2842	16:12	3	0.909	A BB	540040.	81.476	UG/ML	4.85
8		330	3480	19:50	4	0.918	A BB	203284.	202.706	UG/ML	12.06
9		244	4521	25:46	5	0.909	A BB	62868.	16.967	UG/ML	1.01
10		94	1691	9:38	1	0.934	A BB	504180.	89.224	UG/ML	5.31
11	NOT FOUND										
12		128	1720	9:48	1	0.950	A BB	395696.	95.239	UG/ML	5.66
13	NOT FOUND										
14		146	1817	10:21	1	1.004	A BB	207216.	43.246	UG/ML	2.57
15	NOT FOUND										
16											
17											
18											
19											
20											
21											
22											
23		70	1998	11:23	1	1.104	A BB	126480.	34.580	UG/ML	2.06
24	NOT FOUND										
25	NOT FOUND										
26	NOT FOUND										
27	NOT FOUND										
28	NOT FOUND										
29	NOT FOUND										
30	NOT FOUND										
31		180	2331	13:17	2	0.991	A BB	143720.	43.561	UG/ML	2.59
32	NOT FOUND										
33	NOT FOUND										
34	NOT FOUND										
35	NOT FOUND										
36		107	2623	14:57	2	1.116	A BB	272628.	97.699	UG/ML	5.81
37	NOT FOUND										
38	NOT FOUND										
39	NOT FOUND										
40	NOT FOUND										
41	NOT FOUND										
42	NOT FOUND										

002003

44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 153 3142
 48 NOT FOUND
 49 109 3210
 50 NOT FOUND

17:55 3 1.004 A BB 197200. 40.754 UG/ML 2.42
 18:18 3 1.026 A BB 35272. 77.311 UG/ML 4.60

55 NOT FOUND
 56 NOT FOUND
 57 NOT FOUND
 58 NOT FOUND
 59 NOT FOUND
 60 266 3708
 61 NOT FOUND
 62 NOT FOUND

21:08 4 0.979 A BE 113208. 107,730 UG/ML 4.41

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	NOT FOUND								
64	NOT FOUND								
65	262 FOUND		25:15	5	0.890	A BB	129564.	27.721 UG/ML	1.65
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	149 FOUND		28:41	5	1.011	A BB	4894.	2.165 UG/ML	0.13
70	NOT FOUND								
71	NOT FOUND								
72	NOT FOUND								
73	NOT FOUND								
74	NOT FOUND								
75	NOT FOUND								
76	NOT FOUND								
77	NOT FOUND								
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

Quantitation Report File: 12189309

Data: 12189309.TI

12/18/93 18:33:00

Sample: C00MTM*37 SUR*50*100

Conds.:

Formula: FINML4 FINSSM4

Instrument: FIRM

Submitted by: DMRIFFER

Analyst: Q642

Weight: 0.000

Recd. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **I51**	
2	C140 1146-65-2 NAPHTHALENE-D8 **I52**	
3	C150 15067-26-2 ACENAPHTHENE-D10 **I53**	
4	C160 1517-22-2 PHENANTHRENE-D10 **I54**	
5	C170 1719-03-5 CHRYSENE-D10 **I55**	
6	C175 1520-96-3 PERYLENE-D12 **I56**	
7	C850 367-12-4 2-FLUOROPHENOL **S01**	
8	C845 4165-62-2 PHENOL-D5 **S02**	
9	C820 4165-60-0 NITROBENZENE-D5 **S03**	
10	C825 321-50-8 2-FLUOROBIPHENYL **S04**	
11	C855 118-79-6 2,4,6-TRIBROMOPHENYL **S05**	
12	C830 1719-51-0 TERPHENYL-D14 **S06**	
13	C315 108-95-2 PHENOL	
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER	
15	C330 95-57-8 2-CHLOROPHENOL	
16	C335 541-73-1 1,3-DICHLOROBENZENE	
17	C340 106-46-7 1,4-DICHLOROBENZENE	
18	C350 95-50-1 1,2-DICHLOROBENZENE	
19	C345 100-51-6 BENZYL ALCOHOL	
20	C355 95-48-7 2-METHYLPHENOL	
21	C365 106-44-5 4-METHYLPHENOL	
22	C160 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER	
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE	
24	C375 67-72-1 HEXACHLOROETHANE	
25	C410 98-95-3 NITROBENZENE	
26	C415 78-59-1 ISOPHORONE	
27	C420 88-75-5 2-NITROPHENOL	
28	C425 105-67-9 2,4-DIMETHYLPHENOL	
29	C430 65-85-0 BENZOIC ACID	
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE	
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE	
32	C440 120-83-2 2,4-DICHLOROPHENOL	
33	C450 91-20-3 NAPHTHALENE	
34	C455 106-47-8 4-CHLOROANILINE	
35	C460 87-68-3 HEXACHLOROBUTADIENE	
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL	

38 C510 77-47-4 HEXACHLOROCYClopENTADIENE
39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHALENE
42 C530 88-74-4 2-NITROANILINE
43 C535 121-11-3 DIMETHYLPHTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

002009

No Name
 48 C535 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	UG/UL	%Tot
1	152	1810	10:19	1	1.000	A BB	182540.	40.000	NG/UL	6.19
2	136	2351	13:24	2	1.000	A BB	592472.	40.000	NG/UL	6.19
3	164	3129	17:50	3	1.000	A BB	278876.	40.000	NG/UL	6.19
4	188	3791	21:37	4	1.000	A BB	328060.	40.000	NG/UL	6.19
5	240	4977	28:22	5	1.000	A BB	139338.	40.000	NG/UL	6.19
6	264	5602	31:56	6	1.000	A BB	125224.	40.000	UG/ML	6.19
7	112	1277	7:17	1	0.706	A BB	434987.	86.565	UG/ML	13.40
8	99	1683	9:36	1	0.930	A BB	602921.	82.862	UG/ML	12.83
9	82	2046	11:40	2	0.870	A BB	259532.	40.771	UG/ML	6.31
10	172	2842	16:12	3	0.908	A BB	425668.	43.949	UG/ML	6.60
11	330	3482	19:51	4	0.918	A BB	127936.	90.502	UG/ML	14.01
12	244	4523	25:47	5	0.909	A BB	200608.	44.139	UG/ML	6.83
13	94	1686	9:37	1	0.931	A BB	16956.	2.171	UG/ML	0.34
14	NOT	FOUND								
15	NOT	FOUND								
16	NOT	FOUND								
17	NOT	FOUND								
18	NOT	FOUND								
19	NOT	FOUND								
20	NOT	FOUND								
21	NOT	FOUND								
22	NOT	FOUND								
23	NOT	FOUND								
24	NOT	FOUND								
25	NOT	FOUND								
26	NOT	FOUND								
27	NOT	FOUND								
28	NOT	FOUND								
29	NOT	FOUND								
30	NOT	FOUND								
31	NOT	FOUND								
32	NOT	FOUND								
33	NOT	FOUND								
34	NOT	FOUND								
35	NOT	FOUND								
36	NOT	FOUND								
37	NOT	FOUND								
38	NOT	FOUND								
39	NOT	FOUND								
40	NOT	FOUND								
41	NOT	FOUND								
42	NOT	FOUND								

002010

44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 NOT FOUND
 48 NOT FOUND
 49 NOT FOUND
 50 NOT FOUND

Quantitation Report File: 12189309

Data: 12189309.T1

12/18/93 18:33:00

Sample: C00MTUW37 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Submitted by: BMRITTER

Analyst: 0642

Weight: 0.000
Acct, No.:AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name	No	Name	Weight
51	C570 121-14-2 2,4-DINITROTOLUENE			
52	C580 84-66-2 DIETHYLPHTHALATE			
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER			
54	C590 86-73-7 FLUORENE			
55	C595 100-01-6 4-NITROANILINE			
56	C615 86-30-6 N-NITROSODIPHENYLAMINE			
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL			
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER			
59	C630 118-74-1 HEXACHLOROBENZENE			
60	C635 87-86-5 PENTACHLOROPHENOL			
61	C640 85-01-8 PHENANTHRENE			
62	C645 120-12-7 ANTHRACENE			
63	C650 84-74-2 DI-N-BUTYLPHTHALATE			
64	C655 206-44-0 FLUORANTHENE			
65	C715 129-00-0 PYRENE			
66	C720 85-68-7 BUTYLBENZYLPHTHALATE			
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE			
68	C730 56-55-3 BENZO(A)ANTHRACENE			
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE			
70	C740 218-01-9 CHRYSENE			
71	C760 117-84-0 DI-N-OCTYLPHTHALATE			
72	C765 205-99-2 BENZO(B)FLUORANTHENE			
73	C770 207-08-9 BENZO(K)FLUORANTHENE			
74	C775 50-32-8 BENZO(A)PYRENE			
75	C780 192-39-5 INDENO(1,2,3-CD)PYRENE			
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE			
77	C790 191-24-2 BENZO(G,H,I)PERYLENE			
78	CXXX 532-27-4 2-CHLORACETOPHENONE			
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE			
80	CXXX 92-87-5 BENZIDINE			
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 102-33-3 AZOBENZENE			

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	149	3353	19:07	3	1.072	A BB	4196.	0.556 UG/ML	0.09
73	NOT FOUND								

002012

55 NOT FOUND
 56 NOT FOUND
 57 NOT FOUND
 58 NOT FOUND
 59 NOT FOUND
 60 NOT FOUND
 61 NOT FOUND
 62 NOT FOUND

No	n/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	149	4091	23:19	4	1.079	A EE	1537.	0.144 US/ML	0.02
64	NOT	FOUND							
65	NOT	FOUND							
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	149	5032	28:41	5	1.011	A EE	36184.	13.074 US/ML	2.02
70	NOT	FOUND							
71	149	5310	30:16	6	0.948	A UP	4857.	1.166 US/ML	0.18
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

Quantitation Report File: 12219306

Data: 12219306.T1

12/21/93 19:18:00

Sample: MB*1123*1 SUR*50*100

Conds.:

Formula: FIMUL4 FINSSM4

Instrument: FIM4

Submitted by: DMKITTER

Analyst: 0642

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**	
2	C140 1146-65-2 NAPHTHALENE-D8 **IS2**	
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**	
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**	
5	C170 1719-03-5 CHRYSENE-D10 **IS5**	
6	C175 1520-96-3 PERYLENE-D12 **IS6**	
7	C950 367-12-4 2-FLUOROPHENOL **SU1**	
8	C945 4165-62-2 PHENOL-D5 **SU2**	
9	C920 4165-60-0 NITROBENZENE-D5 **SU3**	
10	C925 321-60-8 2-FLUOROBIPHENYL **SU4**	
11	C955 118-79-6 2,4,6-TRIMETOPHENOL **SU5**	
12	C930 1718-51-0 TERPHENYL-D14 **SU6**	
13	C315 108-95-2 PHENOL	
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER	
15	C330 95-57-8 2-CHLOROPHENOL	
16	C335 541-73-1 1,3-DICHLOROBENZENE	
17	C340 106-46-7 1,4-DICHLOROBENZENE	
18	C350 95-50-1 1,2-DICHLOROBENZENE	
19	C345 100-51-6 BENZYL ALCOHOL	
20	C355 95-48-7 2-METHYLPHENOL	
21	C365 106-44-5 4-METHYLPHENOL	
22	C360 39638-32-9 BIS(2-CHLOROETHYLISOPROPYL)ETHER	
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE	
24	C375 67-72-1 HEXACHLOROETHANE	
25	C410 98-95-3 NITROBENZENE	
26	C415 78-59-1 ISOPHORONE	
27	C420 88-75-5 2-NITROPHENOL	
28	C425 105-67-9 2,4-DIMETHYLPHENOL	
29	C430 65-85-0 BENZOIC ACID	
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE	
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE	
32	C440 120-83-2 2,4-DICHLOROPHENOL	
33	C450 91-20-3 NAPHTHALENE	
34	C455 106-47-8 4-CHLOROANILINE	
35	C460 87-68-3 HEXACHLOROBUTADIENE	
36	C465 59-50-7 4-CHLOR-3-NITROPHENOL	

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39 C515 86-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHALENE
42 C530 88-74-4 2-NITROANILINE
43 C535 131-11-3 DIMETHYLPHTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

002016

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Math	Area2(Hight)	Amount	%Lot
1	152	1810	10:19	1	1.000	A BB	162200.	40.000 NG/UL	6.10
2	136	2352	13:24	2	1.000	A BB	472932.	40.000 NG/UL	6.10
3	164	3129	17:50	3	1.000	A BB	212304.	40.000 NG/UL	6.10
4	188	3789	21:36	4	1.000	A BB	185948.	40.000 NG/UL	6.10
5	240	4977	28:22	5	1.000	A BB	36140.	40.000 NG/UL	6.10
6	264	5602	31:56	6	1.000	A BB	25272.	40.000 NG/UL	6.10
7	112	1278	7:17	1	0.706	A BB	390275.	90.637 UG/ML	13.83
8	99	1683	9:36	1	0.930	A BB	399212.	65.749 UG/ML	10.03
9	82	2047	11:40	2	0.870	A BB	219216.	44.882 UG/ML	6.85
10	172	2842	16:12	3	0.908	A BB	313092.	44.266 UG/ML	6.75
11	330	3480	19:50	4	0.918	A BB	86976.	109.335 UG/ML	16.68
12	244	4523	25:47	5	0.909	A BB	77616.	60.652 UG/ML	9.25
13	NOT	FOUND							
14	NOT	FOUND							
15	NOT	FOUND							
16	NOT	FOUND							
17	NOT	FOUND							
18	NOT	FOUND							
19	NOT	FOUND							
20	NOT	FOUND							
21	NOT	FOUND							
22	NOT	FOUND							
23	NOT	FOUND							
24	NOT	FOUND							
25	NOT	FOUND							
26	NOT	FOUND							
27	NOT	FOUND							
28	NOT	FOUND							
29	NOT	FOUND							
30	NOT	FOUND							
31	NOT	FOUND							
32	NOT	FOUND							
33	NOT	FOUND							
34	NOT	FOUND							
35	NOT	FOUND							
36	NOT	FOUND							
37	NOT	FOUND							
38	NOT	FOUND							
39	NOT	FOUND							
40	NOT	FOUND							
41	NOT	FOUND							
42	NOT	FOUND							

002017

44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 NOT FOUND
 48 NOT FOUND
 49 NOT FOUND
 50 NOT FOUND

Quantitation Report File: 12219306

Data: 12219306.U

12/21/93 19:18:00

Sample: MB*1123*1 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Submitted by: DMRIITER

Analyst: Q642

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	Area(Hght)	Amount	%Tot
51	C570 121-14-2 2,4-DINITROTOLUENE			
52	C580 84-66-2 DIETHYLPHTHALATE			
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER			
54	C590 86-73-7 FLUORENE			
55	C595 100-01-6 4-NITROANILINE			
56	C615 86-30-6 N-NITROSODIPHENYLAMINE			
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL			
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER			
59	C630 118-74-1 HEXACHLOROBENZENE			
60	C635 87-86-5 PENTACHLOROPHENOL			
61	C640 85-01-8 PHENANTHRENE			
62	C645 120-12-7 ANTHRACENE			
63	C650 84-74-2 DI-N-BUTYLPHTHALATE			
64	C655 206-44-0 FLUORANTHENE			
65	C715 129-00-0 PYRENE			
66	C720 85-68-7 BUTYL BENZYL PHTHALATE			
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE			
68	C730 56-55-3 BENZO(A)ANTHRACENE			
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE			
70	C740 218-01-9 CHRYSENE			
71	C760 117-84-0 DI-N-OCTYLPHTHALATE			
72	C765 205-99-2 BENZO(B)FLUORANTHENE			
73	C770 207-08-9 BENZO(K)FLUORANTHENE			
74	C775 50-32-8 BENZO(A)PYRENE			
75	C780 193-39-5 INDENO(1,2,3-CI)PYRENE			
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE			
77	C790 191-24-2 BENZO(G,H,I)PERYLENE			
78	CXXX 532-27-4 2-CHLORACETOPHENONE			
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE			
80	CXXX 92-87-5 BENZIDINE			
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE			

No	N/E	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								

55 NOT FOUND
 56 NOT FOUND
 57 NOT FOUND
 58 NOT FOUND
 59 NOT FOUND
 60 NOT FOUND
 61 NOT FOUND
 62 NOT FOUND

No	N/2	Scan	Time	Ref	RRT	Metb	Area(Hght)	Amount	%Tot
63	NOT FOUND	FOUND							
64	NOT FOUND	FOUND							
65	NOT FOUND	FOUND							
66	NOT FOUND	FOUND							
67	NOT FOUND	FOUND							
68	NOT FOUND	FOUND							
69	NOT FOUND	FOUND							
70	NOT FOUND	FOUND							
71	NOT FOUND	FOUND							
72	NOT FOUND	FOUND							
73	NOT FOUND	FOUND							
74	NOT FOUND	FOUND							
75	NOT FOUND	FOUND							
76	NOT FOUND	FOUND							
77	NOT FOUND	FOUND							
78	NOT FOUND	FOUND							
79	NOT FOUND	FOUND							
80	NOT FOUND	FOUND							
81	NOT FOUND	FOUND							

002021

Quantitation Report File: 12219307

Data: 12219307.TI

12/21/93 20:15:00

Sample: SP1*1123*1 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMKRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	CI30 3855-82-1 1,4-DICHLOROBENZENE-D14 **IS1**	
2	CI40 1146-65-2 NAPHTHALENE-D8 ** IS2 **	
3	CI50 15067-26-2 ACENAPHTHENE-D10 **IS3**	
4	CI60 1517-22-2 PHENANTHRENE-D10 **IS4**	
5	CI70 1719-03-5 CHRYSENE-D10 **IS5**	
6	CI75 1520-96-3 PERYLENE-D12 **IS6**	
7	CS50 267-12-4 2-FLUOROPHENOL **SU1**	
8	CS45 4165-62-2 PHENOL-D5 **SU2**	
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**	
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**	
11	CS55 118-79-6 2,4,6-TRIKSOMOPHENOL **SU5**	
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**	
13	C315 108-95-2 PHENOL	
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER	
15	C330 95-57-8 2-CHLOROPHENOL	
16	C335 541-73-1 1,3-DICHLOROBENZENE	
17	C340 106-46-7 1,4-DICHLOROBENZENE	
18	C350 95-50-1 1,2-DICHLOROBENZENE	
19	C345 100-51-6 BENZYL ALCOHOL	
20	C355 95-48-7 2-METHYLPHENOL	
21	C365 106-44-5 4-METHYLPHENOL	
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER	
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE	
24	C375 67-72-1 HEXACHLOROETHANE	
25	C410 98-95-3 NITROBENZENE	
26	C415 78-59-1 ISOPHORONE	
27	C420 88-75-5 2-NITROPHENOL	
28	C425 105-67-9 2,4-DIMETHYLPHENOL	
29	C430 65-85-0 BENZOIC ACID	
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE	
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE	
32	C440 120-83-2 2,4-DICHLOROPHENOL	
33	C450 91-20-3 NAPHTHALENE	
34	C455 106-47-8 4-CHLOROANILINE	
35	C460 87-68-3 HEXACHLOROBUTADIENE	
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL	

002022

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
 39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
 40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
 41 C525 91-58-7 2-CHLORONAPHTHENE
 42 C530 88-74-4 2-NITROANILINE
 43 C535 131-11-3 DIMETHYLPHTHALATE
 44 C540 208-96-8 ACENAPHTHYLENE
 45 C543 606-29-2 2,6-DINITROTOLUENE
 46 C545 99-09-2 3-NITROANILINE
 47 C550 83-32-9 ACENAPHTHENE

002023

No	Name	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	Unit	%Tot
48	C555 51-28-5 2,4-DINITROPHENOL	152	1810	10:19	1	1.000	A BB	165700.	40.000	NG/UL	2.97
49	C560 100-02-7 4-NITROPHENOL	136	2352	13:24	2	1.000	A BB	502372.	40.000	NG/UL	2.97
50	C565 132-64-9 DIBENZOFURAN	164	3128	17:50	3	1.000	A BB	233932.	40.000	NG/UL	2.97
		188	3790	21:36	4	1.000	A BB	212368.	40.000	NG/UL	2.97
		240	4977	28:22	5	1.000	A BB	50724.	40.000	NG/UL	2.97
		264	5602	31:56	6	1.000	A BB	45652.	40.000	UG/ML	2.97
		112	1278	7:17	1	0.706	A BB	399327.	90.236	UG/ML	6.10
		99	1685	9:36	1	0.931	A BB	532192.	85.284	UG/ML	6.33
		82	2047	11:40	2	0.870	A BB	230060.	44.257	UG/ML	3.29
		172	2842	16:12	3	0.909	A BB	338640.	43.452	UG/ML	3.23
		330	3480	19:50	4	0.918	A BB	94644.	104.173	UG/ML	7.74
		244	4522	25:47	5	0.909	A BB	87448.	48.688	UG/ML	3.62
		94	1691	9:38	1	0.934	A BB	600088.	96.284	UG/ML	7.15
		NOT FOUND									
		128	1721	9:49	1	0.951	A BB	480492.	98.574	UG/ML	7.32
		NOT FOUND									
		146	1818	10:22	1	1.004	A BB	238620.	41.728	UG/ML	3.10
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		70	1999	11:24	1	1.104	A BB	149608.	33.272	UG/ML	2.47
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		180	2332	13:18	2	0.991	A BB	170400.	40.881	UG/ML	3.04
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		107	2625	14:58	2	1.116	A BB	314428.	84.367	UG/ML	6.27
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									
		NOT FOUND									

002024

43 NOT FOUND
 44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 153 3143
 48 NOT FOUND
 49 109 3211
 50 NOT FOUND

17:55 3 1.005 A BB 242024 42.926 UG/ML 3.19
 18:18 3 1.027 A BB 28044 54.186 UG/ML 4.02

Quantitation Report File: 12219307

Data: 12219307.11

12/21/93 20:15:00

Sample: SP1W1123*1 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FIRM

Submitted by: DMRTTIER

Analyst: 9542

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	Area(Hght)	Amount	%Tot
51	C570 121-14-2 2,4-DINITROTOLUENE			
52	C580 84-66-2 DIETHYLPHTHALATE			
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER			
54	C590 84-73-7 FLUORENE			
55	C595 100-01-6 4-NITROANILINE			
56	C615 86-30-6 N-NITROSODIPHENYLAMINE			
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL			
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER			
59	C630 118-74-1 HEXACHLOROBENZENE			
60	C635 87-86-5 PENTACHLOROPHENOL			
61	C640 85-01-8 PHENANTHRENE			
62	C645 120-12-7 ANTHRACENE			
63	C650 84-74-2 DI-N-BUTYLPHTHALATE			
64	C655 206-44-0 FLUORANTHENE			
65	C715 129-00-0 PYRENE			
66	C720 85-68-7 BUTYLBENZYLPHTHALATE			
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE			
68	C730 56-55-3 BENZO(A)ANTHRACENE			
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE			
70	C740 218-01-9 CHRYSENE			
71	C760 117-84-0 DI-N-OCTYLPHTHALATE			
72	C765 205-99-2 BENZO(B)FLUORANTHENE			
73	C770 207-08-9 BENZO(K)FLUORANTHENE			
74	C775 50-32-8 BENZO(A)PYRENE			
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE			
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE			
77	C790 191-24-2 BENZO(G,H,I)PERYLENE			
78	CXXX 62-75-9 N-NITROSODIMETHYLAMINE			
79	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE			
80	CXXX 92-87-5 BENZIDINE			
81	CXXX 532-27-4 2-CHLORACETOPHENONE			

No	m/z	Scan	Time	Ref	FRT	Meth	Area(Hght)	Amount	U5/ML	%Tot
51	165	3229	18:24	3	1.032	A BB	62568.	37.203	U5/ML	2.76
52	NOT FOUND									
53	NOT FOUND									

0002026

55 NOT FOUND
56 NOT FOUND
57 NOT FOUND
58 NOT FOUND
59 NOT FOUND
60 266 3709
61 NOT FOUND
62 NOT FOUND

21:08 4 0.979 A BE 91704. 94.922 UG/mL 7.05

002027

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	NOT FOUND								
64	NOT FOUND								
65	202 4430		25:15	5	0.890	A BB	149740.	65.922 UG/ML	4.90
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	NOT FOUND								
70	NOT FOUND								
71	NOT FOUND								
72	NOT FOUND								
73	NOT FOUND								
74	NOT FOUND								
75	NOT FOUND								
76	NOT FOUND								
77	NOT FOUND								
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

002028

Quantitation Report File: 12219308

File: 12219308.T1
12/21/93 21:12:00

Sample: CDDMTU*22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FIRM

Submitted by: IMRITTER

Analyst: 0642

Weight: 0.000

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	
1	CI30 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**	
2	CI40 1146-65-2 NAPHTHALENE-D8 **IS2**	
3	CI50 15067-26-2 ACENAPHTHENE-D10 **IS3**	
4	CI60 1517-22-2 PHENANTHRENE-D10 **IS4**	
5	CI70 1719-03-5 CHRYSENE-D10 **IS5**	
6	CI75 1520-96-3 PERYLENE-D12 **IS6**	
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**	
8	CS45 4163-62-2 PHENOL-D5 **SU2**	
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**	
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**	
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**	
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**	
13	CS15 108-95-2 PHENOL	
14	CS25 111-44-4 BIS(2-CHLOROETHYL)ETHER	
15	CS30 95-57-8 2-CHLOROPHENOL	
16	CS35 541-73-1 1,3-DICHLOROBENZENE	
17	CS40 106-46-7 1,4-DICHLOROBENZENE	
18	CS50 95-50-1 1,2-DICHLOROBENZENE	
19	CS45 100-51-6 BENZYL ALCOHOL	
20	CS55 95-48-7 2-METHYLPHENOL	
21	CS65 106-44-5 4-METHYLPHENOL	
22	CS60 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER	
23	CS70 621-64-7 N-NITROSO-DI-PROPYLAMINE	
24	CS75 67-72-1 HEXACHLORDETHANE	
25	CA10 98-95-3 NITROBENZENE	
26	CA15 78-59-1 ISOPHORONE	
27	CA20 88-75-5 2-NITROPHENOL	
28	CA25 105-67-9 2,4-DIMETHYLPHENOL	
29	CA30 65-85-0 BENZOIC ACID	
30	CA35 111-91-1 BIS(2-CHLOROETHOXY)METHANE	
31	CA45 120-82-1 1,2,4-TRICHLOROBENZENE	
32	CA40 120-83-2 2,4-DICHLOROPHENOL	
33	CA50 91-20-3 NAPHTHALENE	
34	CA55 106-47-8 4-CHLOROANILINE	
35	CA60 87-68-3 HEXACHLOROBUTADIENE	
36	CA65 59-50-7 4-CHLOR-3-METHYLPHENOL	

002029

38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
41 C525 91-58-7 2-CHLORONAPHTHALENE
42 C530 88-74-4 2-NITROANILINE
43 C535 131-11-3 DIMETHYLFTHALATE
44 C540 208-96-8 ACENAPHTHYLENE
45 C543 606-20-2 2,6-DINITROTOLUENE
46 C545 99-09-2 3-NITROANILINE
47 C550 83-32-9 ACENAPHTHENE

002030

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	UG/UL	%Tot
1	152	1810	10:19	1	1.000	A BB	179068.	40.000	NG/UL	7.02
2	136	2352	13:24	2	1.000	A BB	533276.	40.000	NG/UL	7.02
3	164	3129	17:50	3	1.000	A BB	251192.	40.000	NG/UL	7.02
4	188	3789	21:36	4	1.000	A BB	253360.	40.000	NG/UL	7.02
5	240	4977	28:22	5	1.000	A BB	70464.	40.000	NG/UL	7.02
6	264	5601	31:56	6	1.000	A BB	62656.	40.000	UG/ML	7.02
7	112	1277	7:17	1	0.706	A BB	357957.	75.301	UG/ML	13.22
8	99	1683	9:36	1	0.930	A BB	468261.	69.857	UG/ML	12.27
9	82	2046	11:40	2	0.870	A BB	216056.	39.155	UG/ML	6.88
10	172	2843	16:12	3	0.909	A BB	323764.	38.688	UG/ML	6.79
11	330	3480	19:50	4	0.918	A BB	105876.	97.673	UG/ML	17.15
12	244	4523	25:47	5	0.909	A BB	17436.	6.988	UG/ML	1.23
13	94	1687	9:37	1	0.932	A BB	12092.	1.806	UG/ML	0.32
14	NOT FOUND									
15	NOT FOUND									
16	NOT FOUND									
17	NOT FOUND									
18	NOT FOUND									
19	NOT FOUND									
20	NOT FOUND									
21	NOT FOUND									
22	NOT FOUND									
23	NOT FOUND									
24	NOT FOUND									
25	NOT FOUND									
26	NOT FOUND									
27	NOT FOUND									
28	NOT FOUND									
29	NOT FOUND									
30	NOT FOUND									
31	NOT FOUND									
32	NOT FOUND									
33	NOT FOUND									
34	NOT FOUND									
35	NOT FOUND									
36	NOT FOUND									
37	NOT FOUND									
38	NOT FOUND									
39	NOT FOUND									
40	NOT FOUND									
41	NOT FOUND									
42	NOT FOUND									

002031

44 NOT FOUND
 45 NOT FOUND
 46 NOT FOUND
 47 NOT FOUND
 48 NOT FOUND
 49 NOT FOUND
 50 NOT FOUND

Quantitation Report File: 12219398

Data: 12219398.T1

12/21/93 21:12:00

Sample: CDDMTUX22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINR

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	C570 121-14-2 2,4-DINITROTOLUENE						
52	C580 84-66-2 DIETHYLPHTHALATE						
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER						
54	C590 86-73-7 FLUORENE						
55	C595 100-01-6 4-NITROANILINE						
56	C615 86-30-6 N-NITROSODIPHENYLAMINE						
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL						
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER						
59	C630 118-74-1 HEXACHLOROBENZENE						
60	C635 97-86-5 PENTACHLOROPHENOL						
61	C640 85-01-8 PHENANTHRENE						
62	C645 120-12-7 ANTHRACENE						
63	C650 84-74-2 DI-N-BUTYLPHTHALATE						
64	C655 206-44-0 FLUORANTHENE						
65	C715 129-00-0 PYRENE						
66	C720 85-68-7 BUTYL-BENZYLPHTHALATE						
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE						
68	C730 56-55-3 BENZO(A)ANTHRACENE						
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE						
70	C740 218-01-9 CHRYSENE						
71	C760 117-84-0 DI-N-OCTYLPHTHALATE						
72	C765 205-99-2 BENZO(B)FLUORANTHENE						
73	C770 207-08-9 BENZO(K)FLUORANTHENE						
74	C775 50-32-8 BENZO(A)PYRENE						
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE						
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE						
77	C790 191-24-2 BENZO(G,H,I)PERYLENE						
78	CXXX 532-27-4 2-CHLORACETOPHENONE						
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE						
80	CXXX 92-87-5 BENZIDINE						
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE						

002033

No m/z Scan
51 NOT FOUND
52 NOT FOUND
53 NOT FOUND

55 NOT FOUND
 56 NOT FOUND
 57 NOT FOUND
 58 NOT FOUND
 59 NOT FOUND
 60 NOT FOUND
 61 NOT FOUND
 62 NOT FOUND

002034

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	NOT FOUND								
64	NOT FOUND								
65	NOT FOUND								
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	NOT FOUND								
70	NOT FOUND								
71	NOT FOUND								
72	NOT FOUND								
73	NOT FOUND								
74	NOT FOUND								
75	NOT FOUND								
76	NOT FOUND								
77	NOT FOUND								
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

ESE BATCH : 645378

QC TYPE : F08P/SW
 ANALYST : D. N. KITTER
 EXTRACTOR : Z. MATHEIS
 DATA ENTRY : TODD KIMERO

REPORT DATE/TIME : 12/28/93 15:28:33
 ANALYSIS DATE : 12/18/93
 EXTRACT DATE : 11/23/93

STATUS :

METHOD BLANK CORRECTION METHOD : BY CONCENTRATION

BATCH NOTES
 DOWNLOAD FILE 6C00NTU4.NSQ

FIELD SER. QC TYPE PROJECT NUMBER PROJECT NAME LAB COORDINATOR
 C00NTU 79340826 0201 HUNTSVILLE CODE - DCHT PATRICK WILGER

Sample Specific Raw Data

SAMPLE CODE	EXTRACT DATE	ANALYSIS DATE	ANALYSIS TIME	SAMPLE VOL or UT (ML)	EXTRACT VOL or UT (ML)	INJECTION VOLUME (ML)	MOISTURE
NR#1123#1		12/21/93	07:18PM				
SP1#1123#1		12/21/93	08:15PM				
DR#C00NTU#22		12/21/93	09:12PM				
SP#1#C00NTU#22		12/18/93	04:38PM				
SP#2#C00NTU#22		12/18/93	05:38PM				
IN#C00NTU#37		12/18/93	06:33PM				

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Parameter_Specific_Eau_Data

SAMPLE CODE	STORET NAME	STATUS	RESPONSE (UG/L)	OIL TYPE	CURVE	RET TIME (HR)	SOL CONC (HR)	SPKE VOL (HR)	SPKE VOLUME (HR)	OIL CODE	CALC'D TARGET (UG/L)
MR0112301	ZFP	OK	90.637	FINAL		7:17					100
	PHENOS	OK	65.749	FINAL		9:36					100
	MBZ-DK5	OK	44.882	FINAL		11:40					50
	ZFP	OK	44.266	FINAL		16:12					50
	24ATP	OK	109.335	FINAL		19:59					100
	TERP014	OK	60.652	FINAL		25:47					50
	PHENOL	OK	0	FINAL							
	BZOLETET	OK	0	FINAL							
	2CHLORPHEN	OK	0	FINAL							
	130CLBENZ	OK	0	FINAL							
	1,4-DCE	OK	0	FINAL							
	1,2-DCE	OK	0	FINAL							
	BENZYL ALCOHOL	OK	0	FINAL							
	2-METHYL PHENOL	OK	0	FINAL							
	4-METHYL PHENOL	OK	0	FINAL							
	BZOLETET	OK	0	FINAL							
	N-NS-N-PR	OK	0	FINAL							
	HEXOCLETHA	OK	0	FINAL							
	METROBENZ	OK	0	FINAL							
	ISOPHODON	OK	0	FINAL							
	2-NITPHEN	OK	0	FINAL							
	2,4-DMPHE	OK	0	FINAL							
	BENZOIC ACID	OK	0	FINAL							
	BZOLETET	OK	0	FINAL							
	124CLBEN	OK	0	FINAL							
	2,4-DMPHE	OK	0	FINAL							
	NAPHTHALE	OK	0	FINAL							
	4-CLORALN	OK	0	FINAL							
	HEXOCLETHA	OK	0	FINAL							
	ACLENEPHE	OK	0	FINAL							
	MENPHTHA	OK	0	FINAL							
	HEXOCLETHA	OK	0	FINAL							
	246CLPHE	OK	0	FINAL							
	2,4,5-TRICHL-PHENOL	OK	0	FINAL							
	2CLNAPH	OK	0	FINAL							
	2NITANLN	OK	0	FINAL							
	DMETHTPH	OK	0	FINAL							
	ACEPHLENE	OK	0	FINAL							
	2,6ORTOLU	OK	0	FINAL							
	3NITANLN	OK	0	FINAL							
	ACENAPHTH	OK	0	FINAL							
	2,4NITPHEN	OK	0	FINAL							
	4-NITPHEN	OK	0	FINAL							

002038

2,4-DNT	OK	0	FINAL	100
DIETHYLAHL	OK	0	FINAL	100
4CLPHMET	OK	0	FINAL	50
FLUORENE	OK	0	FINAL	50
ANTHRAHLN	OK	0	FINAL	100
N-HSDIPIPA	OK	0	FINAL	50
2MA6DIPIH	OK	0	FINAL	100
4BPHMET	OK	0	FINAL	50
HEXCLBENZ	OK	0	FINAL	50
PENCLPHEN	OK	0	FINAL	50
PHERANTHR	OK	0	FINAL	50
ANTHRACEN	OK	0	FINAL	50
DI-N-SUPH	OK	0	FINAL	50
FANT	OK	0	FINAL	50
PYRENE	OK	0	FINAL	50
BUTSEKZPH	OK	0	FINAL	50
3,3DCLDZO	OK	0	FINAL	50
BENZ(CA)HH	OK	0	FINAL	50
BZETIRPH	OK	0	FINAL	50
CHRYSENE	OK	0	FINAL	50
D-N-UTPH	OK	0	FINAL	50
BENZ(CB)XL	OK	0	FINAL	50
BENZ(CK)XL	OK	0	FINAL	50
BENZ(CA)XY	OK	0	FINAL	50
1,123CDX	OK	0	FINAL	50
DBXHHXANT	OK	0	FINAL	50
BKCHTXY	OK	0	FINAL	50
ALPHA-CHLOROCETAPHE	OK	0	FINAL	50
2FP	OK	90.236	7:17	100
PHENDS	OK	85.284	9:36	100
HEZ-D(5)	OK	44.257	11:40	50
2FEP	OK	43.452	16:12	50
2461BP	OK	104.173	19:50	100
TERP014	OK	40.688	25:47	50
PHENOL	OK	96.284	9:30	100
B(2)CLEXT	OK	0	FINAL	50
2CLDOPHEN	OK	98.574	9:49	100
13OCLBENZ	OK	0	FINAL	50
1,4-DGB	OK	41.728	10:22	50
1,2-DGB	OK	0	FINAL	50
BENZYL ALCOHOL	OK	0	FINAL	50
2-METHYL PHENOL	OK	0	FINAL	50
4-METHYL PHENOL	OK	0	FINAL	50
B(2)CL1XT	OK	0	FINAL	50
N-HS-H-PE	OK	33.272	11:24	50
HENDLETHA	OK	0	FINAL	50
NITROBENZ	OK	0	FINAL	50
ISOPHENDOK	OK	0	FINAL	50
2-NITPHEN	OK	0	FINAL	50
2,4-DMPHE	OK	0	FINAL	50

SP1*1123*1

002039

NAME	STATUS	CONC	TIME
MS2-DC5	OK	39.155	11:40
2F6P	OK	38.688	16:12
246T6P	OK	97.673	19:50
TEN014	OK	6.988	25:47
PHENOL	OK	1.806	9:37
DC2OLEJET	OK	0	
2CHLOPHEN	OK	0	
13CCLBENZ	OK	0	
1,4-DC8	OK	0	
1,2-DC8	OK	0	
BENZYL ALCOHOL	OK	0	
2-METHYL PHENOL	OK	0	
4-METHYL PHENOL	OK	0	
DC2OL1JET	OK	0	
N-MS-H-PP	OK	0	
HEXOLETHA	OK	0	
NITROBENZ	OK	0	
ISOPHORON	OK	0	
2-NITPHEN	OK	0	
2,4-DMPHE	OK	0	
BENZOIC ACID	OK	0	
DC2OLOXIE	OK	0	
12ATOLBEN	OK	0	
2,4-DCPHE	OK	0	
NAPHTHALE	OK	0	
4-CLANLN	OK	0	
HEXOLBUTD	OK	0	
4CL3MPHE	OK	0	
TEMPHTHA	OK	0	
HEXOLCYPE	OK	0	
246TCLPHE	OK	0	
2,4,5-TRTCL PHENOL	OK	0	
2CLNAPH	OK	0	
2N1TANLN	OK	0	
DIMETHAPTH	OK	0	
ACEPHLENE	OK	0	
2,6DNTOLU	OK	0	
3N1TANLN	OK	0	
ACENAPH	OK	0	
2,4DNPHEN	OK	0	
4-NITPHEN	OK	0	
DIBENZEN	OK	0	
2,4QMT	OK	0	
DIBHTPHAL	OK	0	
4CLPAPHET	OK	0	
FLUORENE	OK	0	
4N1TANLN	OK	0	
N-MSDIPHA	OK	0	
2N46DIPHI	OK	0	
46RPPH-PET	OK	0	

002041

PENCLPHEN	OK	0	FINAL		100
PHENANTHR	OK	0	FINAL		100
ANTHRACEN	OK	0	FINAL		50
DI-N-BUPH	OK	0	FINAL		50
FBHT	OK	0	FINAL		100
PYRENE	OK	0	FINAL		50
RUITEENZPH	OK	0	FINAL		100
3,30C6ZD	OK	0	FINAL		50
BENZ(A)AN	OK	0	FINAL		100
B(ZEIN)PH	OK	0	FINAL		50
CHRYSENE	OK	0	FINAL		100
D-N-OCTPH	OK	0	FINAL		50
BENZ(B)FL	OK	0	FINAL		100
BENZ(K)FL	OK	0	FINAL		50
BENZ(A)PY	OK	0	FINAL		100
IC123COP	OK	0	FINAL		50
OK(AH)ANT	OK	0	FINAL		100
OK(GH)PY	OK	0	FINAL		50
ALPHA-CHLORONETAPHE	OK	0	FINAL		100
SPH10C00TH02 ZFP	OK	69.121	FINAL	7:17	100
PHENOS	OK	67.727	FINAL	9:36	100
MB2-D(5)	OK	39.773	FINAL	11:40	50
ZBP	OK	34.338	FINAL	16:12	50
246TBP	OK	89.209	FINAL	19:50	100
TERP014	OK	13.859	FINAL	25:47	50
PHENOL	OK	74.044	FINAL	9:38	100
EXZELLEJET	OK	0	FINAL		50
ZOILOPHEN	OK	85.616	FINAL	9:49	100
130CLBENZ	OK	0	FINAL		50
1,4-DCB	OK	32.124	FINAL	10:21	50
1,2-DCB	OK	0	FINAL		50
BENZYL ALCOHOL	OK	0	FINAL		50
2-METHYL PHENOL	OK	0	FINAL		50
4-METHYL PHENOL	OK	0	FINAL		50
EXZELLEJET	OK	0	FINAL		50
N-MS-N-FR	OK	33.106	FINAL	11:24	50
HEXOLETHA	OK	0	FINAL		50
NITROBENZ	OK	0	FINAL		50
ISOPHOBON	OK	0	FINAL		50
2-NITPHEN	OK	0	FINAL		50
2,4-DMPHE	OK	0	FINAL		50
BENZOTIC ACID	OK	0	FINAL		50
8/20LOME	OK	0	FINAL		50
124TOLBEN	OK	34.587	FINAL	13:18	50
2,4-DCPHE	OK	0	FINAL		50
NAPHTHALE	OK	0	FINAL		50
4-CLANLN	OK	0	FINAL		50
HEXOLETUD	OK	0	FINAL		50
ACL30EPHE	OK	101.466	FINAL	14:58	100
NEMPHITHA	OK	0	FINAL		50

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246TCLPHE	OK	0	FINAL	50
2,4,5-TRICHL PHENOL	OK	0	FINAL	50
ZELNAPH	OK	0	FINAL	50
ZNITROLN	OK	0	FINAL	50
OTHEPHTH	OK	0	FINAL	50
ACETYLENE	OK	0	FINAL	50
2,6DNTOLU	OK	0	FINAL	50
ZNITROLN	OK	0	FINAL	50
ACENAPH	OK	41.799	FINAL	50
2,4DNPHEN	OK	0	FINAL	50
4-NITPHEN	OK	83.942	FINAL	100
DIBNZEEN	OK	0	FINAL	50
2,4DNT	OK	47.344	FINAL	50
DICHTPHAL	OK	0	FINAL	50
ACLPAPRET	OK	0	FINAL	50
FLUORENE	OK	0	FINAL	50
ANTIANAL	OK	0	FINAL	50
N-NSOJFHA	OK	0	FINAL	50
2N4GONTPH	OK	0	FINAL	50
4RPPAPRET	OK	0	FINAL	50
HEXCLBERZ	OK	0	FINAL	50
PERCLPHEN	OK	115.803	FINAL	100
PHENANTHR	OK	0	FINAL	50
ANTHRACEN	OK	0	FINAL	50
01-N-6UPH	OK	0.007	FINAL	50
FAHT	OK	0	FINAL	50
PYRENE	OK	48.839	FINAL	50
BUTBENZPH	OK	0	FINAL	50
3,3OCBZO	OK	0	FINAL	50
GENZCANAN	OK	0	FINAL	50
8CZETHYPH	OK	0.726	FINAL	50
CHRYSENE	OK	0	FINAL	50
0-N-OCTPH	OK	0	FINAL	50
BENZBYL	OK	0	FINAL	50
GENZCXYL	OK	0	FINAL	50
GENZCAPY	OK	0	FINAL	50
FLIZSOXP	OK	0	FINAL	50
OKAHJANT	OK	0	FINAL	50
PKGHIOPY	OK	0	FINAL	50
ALPHA-CHLORONETAPHE	OK	0	FINAL	50
2P	OK	173.268	FINAL	100
PHENDS	OK	169.142	FINAL	100
NEZ-DCS)	OK	93.174	FINAL	50
2FOP	OK	81.476	FINAL	50
246TBP	OK	202.796	FINAL	100
TEEP014	OK	16.967	FINAL	50
PHENOL	OK	89.224	FINAL	100
6,2CCEY	OK	0	FINAL	50
2CHLOPHEN	OK	95.239	FINAL	100
13DCLBENZ	OK	0	FINAL	50

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SP124CONTINUED

1,2-DCB	OK	0	FINAL	50
BENZYL ALCOHOL	OK	0	FINAL	50
2-METHYL PHENOL	OK	0	FINAL	50
4-METHYL PHENOL	OK	0	FINAL	50
8-CYCLOXET	OK	0	FINAL	50
N-HS-N-FR	OK	34.580	FINAL	11:23
HEXOLETHA	OK	0	FINAL	50
NITROBENZ	OK	0	FINAL	50
ISOPHOSON	OK	0	FINAL	50
2-NITPHEN	OK	0	FINAL	50
2,4-DMPHE	OK	0	FINAL	50
BENZOIC ACID	OK	0	FINAL	50
8-CYCLOXIE	OK	0	FINAL	50
124TOLBEN	OK	43.561	FINAL	13:17
2,4-DCPHE	OK	0	FINAL	50
HOPHTHALE	OK	0	FINAL	50
4-CLANILN	OK	0	FINAL	50
HEXOLEBUD	OK	0	FINAL	50
4CL3PHEPHE	OK	97.699	FINAL	14:57
HEMANTHA	OK	0	FINAL	50
HEXOCYCPE	OK	0	FINAL	50
246TCLPHE	OK	0	FINAL	50
2,4,5-TRICHL PHENOL	OK	0	FINAL	50
2CLNRPB	OK	0	FINAL	50
2METANILN	OK	0	FINAL	50
DIMETNPTH	OK	0	FINAL	50
ACEPHLENE	OK	0	FINAL	50
2,6ONTOLU	OK	0	FINAL	50
3METANILN	OK	0	FINAL	50
ACEAPPH	OK	40.754	FINAL	17:55
2,4ONPHEN	OK	0	FINAL	50
4-NITPHEN	OK	77.311	FINAL	18:18
DIBENZEFN	OK	0	FINAL	50
2,4ONT	OK	45.513	FINAL	18:24
DIENTPHAL	OK	0	FINAL	50
4CLPAPMET	OK	0	FINAL	50
FLUDRENE	OK	0	FINAL	50
ANTITANILN	OK	0	FINAL	50
N-HSDOPHA	OK	0	FINAL	50
2M4GNTIPH	OK	0	FINAL	50
4BPPHMET	OK	0	FINAL	50
HEXCLBENZ	OK	0	FINAL	50
PERCULPHEN	OK	107.730	FINAL	21:08
PHENANTHR	OK	0	FINAL	50
ANTHRACEN	OK	0	FINAL	50
DI-N-EUPH	OK	0	FINAL	50
FAVIT	OK	0	FINAL	50
MYRENE	OK	27.721	FINAL	25:15
BUTBENZPH	OK	0	FINAL	50
3,3OCBZO	OK	0	FINAL	50

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2,4-DMPHEN	OK	0	FINAL	19:07
4-HITPHEN	OK	0	FINAL	
01BNZFEN	OK	0	FINAL	
2,4-DNT	OK	0	FINAL	
01ENTPHAL	OK	0.536	FINAL	
4OLPHPHET	OK	0	FINAL	
FLUORENE	OK	0	FINAL	
4NITANLN	OK	0	FINAL	
N-HSO1PHH	OK	0	FINAL	
2TH460LTPH	OK	0	FINAL	
4BSPHPHET	OK	0	FINAL	
HEXCLBENZ	OK	0	FINAL	
PENCLPHEN	OK	0	FINAL	
PHENANTHR	OK	0	FINAL	
ANTHRECEH	OK	0	FINAL	
01-N-BUPH	OK	0.144	FINAL	23:19
PHNT	OK	0	FINAL	
PYRENE	OK	0	FINAL	
6UTBENZPH	OK	0	FINAL	
3,3DCBZO	OK	0	FINAL	
BENZ(A)AN	OK	0	FINAL	
6(2ETH)PH	OK	13.074	FINAL	28:41
CHLPSCEH	OK	0	FINAL	
0-H-DCTPH	OK	1.166	FINAL	30:16
BENZ(B)FL	OK	0	FINAL	
BENZ(K)FL	OK	0	FINAL	
BENZ(R)FY	OK	0	FINAL	
1(123CD)P	OK	0	FINAL	
DS(AR)ANT	OK	0	FINAL	
6K(HT)PY	OK	0	FINAL	
ALPHA-CHLOROCETAPME	OK	0	FINAL	

STORET: 98316 METHOD: SUR 2-FLUOROPHENOL, US/L GCMS

STORET: 98317 METHOD: SUR PHENOL-OK(S), US/L GCMS

STORET: 98318 METHOD: SUR NITROBENZENE-OK(S), US/L GCMS

STORET: 98321 METHOD: SUR 2-FLUOROPHENOL, US/L GCMS

STORET: 97446 METHOD: SUR 2,4,6-TRIBROMOPHENOL, US/L GCMS

STORET: 97447 METHOD: SUR TERPHEYL-OK(S), US/L GCMS

STORET: 34624 METHOD: 8220/3520-6 PHENOL, US/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 2.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 7850=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
1123#1 0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELIANCE
SP1#1123#1	0.0	96	96	100	96.0	Recovery exceeds criteria. (>89)

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELIANCE
SP1#1123#22	1.8	74	72	100	72.0	
SP2#1123#22	1.8	89	87	100	87.0	18.9

STORET: 34273 METHOD: 8220/3520-6 BISK-2-CHLOROETHYL ETHER, US/L GCMS

STORET: 34566 METHOD: 8220/3520-6 2-CHLOROPHENOL, US/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 2.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 7850=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
1123#1 0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELIANCE
SP1#1123#1	0.0	99	99	100	99.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELIANCE
SP1#1123#1	0.0	99	99	100	99.0	

00204

SP124CONTINUA22 0.0 95 95 100 95.0 9.9

STORET: 34566 METHOD: 8270/3520-G 1,3-DICHLOROBENZENE, UG/L GCMS

STORET: 34571 METHOD: 8270/3520-G 1,4-DICHLOROBENZENE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2650=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
112341 0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	X RECV	REL DIFF.
SP14112341	0.0	42	42	50	84.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	X RECV	REL DIFF.
SP1414CONTINUA22	0.0	32	32	50	64.0	
SP124CONTINUA22	0.0	43	43	50	86.0	29.3 Relative Percent Difference exceeds criteria (>28)

STORET: 34536 METHOD: 8270/3520-G 1,2-DICHLOROBENZENE, UG/L GCMS

STORET: 77147 METHOD: 8270/3520-G BENZYL ALCOHOL, UG/L GCMS

STORET: 99073 METHOD: 8270/3520-G 2-METHYL PHENOL, UG/L GCMS

STORET: 99074 METHOD: 8270/3520-G 4-METHYL PHENOL, UG/L GCMS

STORET: 34283 METHOD: 8270/3520-G 819(2-CHL/150PROPYL) ETHER, UG/L GCMS

STORET: 34428 METHOD: 8270/3520-G 4-NITROSO-1-N-PROPYLAMINE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2650=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
112341 0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	X RECV	REL DIFF.
SP14112341	0.0	33	33	50	66.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	X RECV	REL DIFF.
SP1414CONTINUA22	0.0	33	33	50	66.0	
SP124CONTINUA22	0.0	35	35	50	70.0	5.9

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STORET: 34447 METHOD: 8270/3520-G NITROBENZENE, UG/L GCMS

STORET: 34408 METHOD: 8270/3520-G ISOPHORBONE, UG/L GCMS

STORET: 34591 METHOD: 8270/3520-G 2-NITROPHENOL, UG/L GCMS

STORET: 34606 METHOD: 8270/3520-G 2,4-DIMETHYLPHENOL, UG/L GCMS

STORET: 77247 METHOD: 8270/3520-G BENZOIC ACID, UG/L GCMS

STORET: 34278 METHOD: 8270/3520-G BIS(2-CHLOROMETHOXY) METHANE, UG/L GCMS

STORET: 34551 METHOD: 8270/3520-G 1,2,4-TRICHLOROBENZENE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1123#1	0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELIABILITY
SP1#1123#1	0.0	41	41	50	82.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELIABILITY
SPH1#COOHTW#22	0.0	35	35	50	70.0	
SPH2#COOHTW#22	0.0	44	44	50	88.0	22.8

STORET: 34601 METHOD: 8270/3520-G 2,4-DICHLOROPHENOL, UG/L GCMS

STORET: 34696 METHOD: 8270/3520-G NAPHTHALENE, UG/L GCMS

STORET: 99075 METHOD: 8270/3520-G 4-CHLORANILINE, UG/L GCMS

STORET: 34391 METHOD: 8270/3520-G HEXACHLOROCYCLOPENTADIENE, UG/L GCMS

STORET: 34452 METHOD: 8270/3520-G 4-CHLORO-3-METHYL PHENOL, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 2.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
1123#1	0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELIABILITY

002049

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELTDIFF
SPM10COUNT#22	0.0	100	100	100	100.0	Recovery Exceeds criteria. (>97)
SPM20COUNT#22	0.0	90	90	100	90.0	2.0 Recovery Exceeds criteria. (>97)

STORET: 77416 METHOD: 8270/3520-6 2-METHYLNAPHTHALENE, US/L GC/MS

STORET: 34386 METHOD: 8270/3520-6 HEXACHLOROCYCLOPENTADIENE, US/L GC/MS

STORET: 34621 METHOD: 8270/3520-6 2,4,6-TRICHL-PHENOL, US/L GC/MS

STORET: 77687 METHOD: 8270/3520-6 2,4,5-TRICHL-PHENOL, US/L GC/MS

STORET: 34581 METHOD: 8270/3520-6 2-CHLORONAPHTHALENE, US/L GC/MS

STORET: 99077 METHOD: 8270/3520-6 2-NITROANILINE, US/L GC/MS

STORET: 34341 METHOD: 8270/3520-6 DIMETHYLPHTHALATE, US/L GC/MS

STORET: 34200 METHOD: 8270/3520-6 NCENAPHTHALENE, US/L GC/MS

STORET: 34626 METHOD: 8270/3520-6 2,4-DINITROTOLUENE, US/L GC/MS

STORET: 99078 METHOD: 8270/3520-6 3-NITROANILINE, US/L GC/MS

STORET: 34205 METHOD: 8270/3520-6 PCENAPHTHALENE, US/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
112301	0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELTDIFF
SPM10COUNT#22	0.0	43	43	50	86.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELTDIFF
SPM10COUNT#22	0.0	42	42	50	84.0	
SPM20COUNT#22	0.0	41	41	50	82.0	2.4

STORET: 34616 METHOD: 8270/3520-6 2,4-DINITROPHENOL, US/L GC/MS

STORET: 34646 METHOD: 8270/3520-6 4-NITROPHENOL, US/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 10 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
112341 0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL DIFF.
SP14112341	0.0	54	54	100	54.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL DIFF.
SP14140001422	0.0	84	84	100	84.0	
SP14240001422	0.0	77	77	100	77.0	8.7

Recovery Exceeds criteria. (>80)

STORET: 81302 METHOD: 8270/3520-6 018620P URAN, UG/L GCMS

STORET: 34611 METHOD: 8270/3520-6 2,4-DINITROTOLUENE, UG/L FLUOR

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 2.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
112341 0.0

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL DIFF.
SP14112341	0.0	37	37	50	74.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL DIFF.
SP14140001422	0.0	47	47	50	94.0	
SP14240001422	0.0	46	46	50	92.0	2.2

STORET: 34336 METHOD: 8270/3520-6 DIETHYLPHTHALATE, UG/L GCMS

STORET: 34641 METHOD: 8270/3520-6 4-CHLOROPHENYLPHENYL ETHER, UG/L GCMS

STORET: 34381 METHOD: 8270/3520-6 FLUORENE, UG/L GCMS

STORET: 99079 METHOD: 8270/3520-6 4-NITROPYRILINE, UG/L GCMS

STORET: 34433 METHOD: 8270/3520-6 N-NITROSDIETHYLAMINE, UG/L GCMS

STORET: 34657 METHOD: 8270/3520-6 2-METHYL-4,6-DINITROPHENOL, UG/L GCMS

STORET: 34636 METHOD: 8270/3520-6 4-BROMOPHENYLPHENYL ETHER, UG/L GCMS

STORET: 39700 METHOD: 8270/3520-6 HEXACHLOROBENZENE, UG/L GCMS

STORET: 39632 METHOD: 8270/3520-6 PENTACHLOROPHENOL, UG/L FLUOR

CALIBRATION CURVE # 1
CURVE DETECTION LIMIT= 10. DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE_ID CONCENTRATION
1123#1 0.0

STANDARD MATRIX SPIKE(S)

SAMPLE_ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATIVE
SP1#1123#1	0.0	95	95	100	95.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE_ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATIVE
SPM1#COORD1#22	0.0	120	120	100	120.0	Recovery Exceeds criteria. (>103)
SPM2#COORD1#22	0.0	110	110	100	110.0	Recovery Exceeds criteria. (>103)

STORET: 34461 METHOD: 8270/3520-6 PHENANTHRENE, US/L GC/MS

STORET: 34220 METHOD: 8270/3520-6 ANTHRACENE, US/L GC/MS

STORET: 39110 METHOD: 8270/3520-6 DI-N-ETHYLENTHALATE, US/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE_ID CONCENTRATION
1123#1 0.0

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE_ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATIVE
SP1#1123#1	0.0	0.0	0.0	50	0.0	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE_ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATIVE
SPM1#COORD1#22	0.0	0.09	0.09	50	0.2	
SPM2#COORD1#22	0.0	0.0	0.0	50	0.0	

STORET: 34376 METHOD: 8270/3520-6 FLUORANTHENE, US/L GC/MS

STORET: 34469 METHOD: 8270/3520-6 PYRENE, US/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE_ID CONCENTRATION
1123#1 0.0

STANDARD MATRIX SPIKE(S)

2850200

Recovery exceeds criteria. (127)

SP10112301 0.0 66 46 50 132.0

SAMPLE MATRIX SPIKE(S)

SAMPLE_ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL DIFF.
SP10100010022	0.0	49	49	50	98.0	
SP10100010022	0.0	28	28	50	56.0	54.5 Relative Percent Difference exceeds criteria (131)

STORET: 34292 METHOD: 8270/3520-6 BUTYLBENZYLPHENYLATE, UG/L GCMS

STORET: 34631 METHOD: 8270/3520-6 3,3'-DIOXYBENZIDINE, UG/L GCMS

STORET: 34526 METHOD: 8270/3520-6 BENZODIANTHRENE, UG/L GCMS

STORET: 39100 METHOD: 8270/3520-6 BIS(2-ETHYLHEXYL) PHENYLATE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 23 NOV 1993 LARGEST RESPONSE= 2850=

METHOD BLANK(S)

SAMPLE_ID	CONCENTRATION
112301	0.0

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE_ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL DIFF.
SP10112301	0.0	0.0	0.0	50	0.0	

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE_ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL DIFF.
SP10100010022	0.0	0.73	0.73	50	1.5	
SP10100010022	0.0	2.2	2.2	50	4.4	

STORET: 34620 METHOD: 8270/3520-6 CHRYSENE, UG/L GCMS

STORET: 34596 METHOD: 8270/3520-6 DI-N-OCTYLPHENYLATE, UG/L GCMS

STORET: 34230 METHOD: 8270/3520-6 BENZODIANTHRENE, UG/L GCMS

STORET: 34242 METHOD: 8270/3520-6 BENZOKKFLUORANTHENE, UG/L GCMS

STORET: 34247 METHOD: 8270/3520-6 BENZODIANTHRENE, UG/L GCMS

STORET: 34403 METHOD: 8270/3520-6 INDENYL(1,2,3-CD) PYRENE, UG/L GCMS

STORET: 34556 METHOD: 8270/3520-6 OBTEN(4,8-H)ANTH'CEME, UG/L GCMS

STORET: 34521 METHOD: 8270/3520-6 BENZODIANTHRENE, UG/L GCMS

STORET: 35169 METHOD: 8270/3520-6 ALPHA-CHLOROCETAPHENONE, UG/L GCMS

ADDITIONAL SPIKE(S)

002053

SP10112301	98316#SUR 2-FLUOROPHENOL	UG/L	91	100	91.0	
	98317#SUR PHENOL-D(5)	UG/L	66	100	66.0	
	98318#SUR NITROBENZENE-D(5)	UG/L	45	50	90.0	
	98321#SUR 2-FLUOROBIPHENYL	UG/L	44	50	88.0	
	97446#SUR 2,4,6-TRIBROMOPHENOL	UG/L	110	100	110.0	
	97447#SUR TERPENEYL-D(14)	UG/L	61	50	122.0	
	98316#SUR 2-FLUOROPHENOL	UG/L	90	100	90.0	
	98317#SUR PHENOL-D(5)	UG/L	85	100	85.0	
	98318#SUR NITROBENZENE-D(5)	UG/L	44	50	88.0	
	98321#SUR 2-FLUOROBIPHENYL	UG/L	43	50	86.0	
DP#COORD14#22	97446#SUR 2,4,6-TRIBROMOPHENOL	UG/L	100	100	100.0	
	97447#SUR TERPENEYL-D(14)	UG/L	49	50	98.0	
	98316#SUR 2-FLUOROPHENOL	UG/L	75	100	75.0	
	98317#SUR PHENOL-D(5)	UG/L	70	100	70.0	
	98318#SUR NITROBENZENE-D(5)	UG/L	39	50	78.0	
	98321#SUR 2-FLUOROBIPHENYL	UG/L	39	50	78.0	
	97446#SUR 2,4,6-TRIBROMOPHENOL	UG/L	98	100	98.0	
	97447#SUR TERPENEYL-D(14)	UG/L	7.0	50	14.0	Recovery exceeds criteria.
	98316#SUR 2-FLUOROPHENOL	UG/L	69	100	69.0	
	98317#SUR PHENOL-D(5)	UG/L	68	100	68.0	
SP10100014#22	98318#SUR NITROBENZENE-D(5)	UG/L	40	50	80.0	
	98321#SUR 2-FLUOROBIPHENYL	UG/L	34	50	68.0	
	97446#SUR 2,4,6-TRIBROMOPHENOL	UG/L	89	100	89.0	
	97447#SUR TERPENEYL-D(14)	UG/L	14	50	28.0	Recovery exceeds criteria.
	98316#SUR 2-FLUOROPHENOL	UG/L	170	100	170.0	Recovery exceeds criteria.
	98317#SUR PHENOL-D(5)	UG/L	170	100	170.0	Recovery exceeds criteria.
	98318#SUR NITROBENZENE-D(5)	UG/L	93	50	186.0	Recovery exceeds criteria.
	98321#SUR 2-FLUOROBIPHENYL	UG/L	81	50	162.0	Recovery exceeds criteria.
	97446#SUR 2,4,6-TRIBROMOPHENOL	UG/L	200	100	200.0	Recovery exceeds criteria.
	97447#SUR TERPENEYL-D(14)	UG/L	17	50	34.0	
DP#COORD14#37	98316#SUR 2-FLUOROPHENOL	UG/L	87	100	87.0	
	98317#SUR PHENOL-D(5)	UG/L	83	100	83.0	
	98318#SUR NITROBENZENE-D(5)	UG/L	41	50	82.0	
	98321#SUR 2-FLUOROBIPHENYL	UG/L	44	50	88.0	
	97446#SUR 2,4,6-TRIBROMOPHENOL	UG/L	91	100	91.0	
	97447#SUR TERPENEYL-D(14)	UG/L	44	50	88.0	

COONT#37	13 /	<1.0	<1.0	<2.0	<1.5	<1.5	<2.5	<2.5
270/3520-6 270/3520-6								
BENZOF(ghi) PERYLENE								
RODENTAPNE								
SAMPLE ID		UG/L	UG/L					
COONT#22		<2.5	<2.0					
COONT#37		<2.5	<2.0					

**Environmental Science and Engineering Analytical Services
Computer QC Checks**

Batch No.: 645370

Analysis Date: 12/18/93

Analyst: D. M. RITTER

the ALL units documented in batch?

"Exceptions"	
Yes	No Comment / Corrective Action
	X

Analysis holding true within criteria?

Extract holding time within criteria?

Method blank present?

Method blank within acceptance criteria?

Standard matrix spike results

Standard matrix spike within acceptance criteria?

Example matrix spike present?

Sample matrix spike within acceptance criteria?

Sample matrix spike duplicate present?

sample matrix spike duplicate within acceptance criteria?

urrogate present?

Surrogate within acceptance criteria?

12

PHENOL

(5X)-ZAH

4832

002057

49 124

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188014

Note: Any "NO" answer requires a comment.

Environmental Science and Engineering Analytical Services
Internal QA/QC Checklist For GC/MS Analysis

Batch No.: 645370 Analysis Date: 12/18/93 Analyst: O. H. RITTER

	"Exceptions"		Corrective Action
	Yes	No	
Are reported values consistent with the required units?	✓		
Are detection limits reported correctly?	✓		
Are dilution factors entered correctly?	✓		
Has continuing calibration or initial calibration passed criteria?	✓		
Have RFE (VQA) or DFTPP (MVO) tuning criteria been met?	✓		
Have internal standard responses been reviewed for reproducibility?	✓		
Is the method blank free of interferences? If not, has the data been blank corrected?	✓		
Are all analyses free of interferences from previous analyses? If not, does the quality of the data remain unimpaired?	✓		
Do dates match from instrument logbook and raw data output?	✓		
Is an example calculation provided?	✓		
Has the batch documentation checklist been completed?	✓		

Note: Any "NO" answer requires a comment, Additional Comments:

Completed By: [Signature] Date: 12/29/93
 Patch Print Out
 Reviewed: [Signature]
 Date: 12/29/93

Signature	Date	Comments
<i>King</i>	12-30-93	<i>DL</i>
_____	_____	_____
_____	_____	_____
_____	_____	_____

OVERRIDE COMMENTS

BATCH OVERRIDE BY:

002060



Environmental
Science &
Engineering, Inc.

49 128
GC/MS INSTRUMENT LOGSHEET
INSTRUMENT ID INW550(N)

DATE 11/18/93 PROJECT NAME _____

OPERATOR DEKROCK

MASS RANGE 25-300

THRESHOLD 100

SCAN DELAY 575

PURGE DELAY 10

INJ VOL 1.0

GC PROG 35°C 10 min; 10°C/min to 300°C, hold 15 min

AD 128 x 10⁻⁷

E. M. 990 V

SURR _____

INT STD _____

SPK CONC _____

CAL FILE _____

METH FILE _____

ID FILE _____

DATE UPLOADED _____

UPLOAD NAME _____

DATE SIGN _____

COL DEKROCK

FRN	SAMPLE ID	EXT DATE	WT/ VOL	DIL FACT	COMMENTS	TAPE DATE
0:1189201	SPM 291P					
0:1189202	↓ 3120 min					
0:1189203	8716 2-CONCENTRATION					
0:1189204	SPM 112321					
0:1189205	SPM 112321					
0:1189206	CDDETW 22					
0:1189207	SPM 112321					
0:1189208	SPM 112321					
0:1189209	↓ 112321					
0:1189210	SPM 112321				Auto Sampler ERROR	
0:1189211	SPM 112321				DITS NOT INJECT	
0:1189212	SPM 112321					
0:1189213	CDDETW 15					
0:1189214	SPM 112321					
0:1189215	↓ 3120 min				2081757301	
0:1189216	8716 2-CONCENTRATION					
0:1189217	CDDETW 15					
0:1189218	SPM 112321					
0:1189219	SPM 112321					
0:1189220	SPM 112321					
0:1189221	SPM 112321					
0:1189222	SPM 112321					
0:1189223	SPM 112321					
0:1189224	SPM 112321					
0:1189225	SPM 112321					
0:1189226	SPM 112321					
0:1189227	SPM 112321					

DEKROCK
SIGNED

11/18/93
DATE

11/18/93 PAGE 1 OF 1
DATE

000653



**Environmental
Science &
Engineering, Inc.**

GC/MS INSTRUMENT LOGSHEET

INSTRUMENT ID *Ives 50(n)*

DATE 12/1/83 PROJECT NAME _____

OPERATOR *[Signature]*

MASS RANGE 35-51

THRESHOLD $\mu = 5$ $\sigma = 1$ $\mu = 7$ $\sigma = 2$

SCAN DELAY 57.5 sec

PURGE DELAY 1- Rom w/

IN VOL. 1.00

GC PROG 35' $\times$ 4' $\times$ 10" $\times$ 10" to 300' 110' $\times$ 15' $\times$ 10'

AD 12946-7

E. M. 996 ✓

SURR

INT STD

ENT STD _____
SPK CONC _____

CAL FILE

METH FILE

ID FILE

DATE UPLOADED

DATE OF SUBMISSION
UPLOAD NAME

DATE SIGN

COL 30m 35m 5 0.5m 1.5m

[illegible]


SIGNED

Read and Understood by
12/18/88 *[Signature]*
DATE SIGNED

1445 DATE PAGE 2 OF 7

002062

~~000055-~~

DECAFLUOROTRIPHENYLPHOSPHINE

49 130

Tuning Report Data: 12089301A #1149 Base m/z: 198
12/06/93 12:02:00 - 6:33 Cal: FC43120893 # 13 RIC: 1034240
Instrument: FINN Analyst: 0642 Acct. No.:
#1148 to #1150 summed
Case Number: Laboratory: Contract:
Comments: METHOD 625 ION ABUNDANCE CRITERIA

m/z	Intensity	% RA	Ion Abundance Criteria			Actual	Status
			Min %	Max %	Mass		
51	67584.	51.26	30.00	60.00	198	51.26	PASS
68	0.	0.00	---	2.00	69	0.00	PASS
69	78592.	59.61	0.00	100.00	198	59.61	PASS
70	0.	0.00	---	2.00	69	0.00	PASS
127	63232.	47.96	40.00	60.00	198	47.96	PASS
197	0.	0.00	---	1.00	198	0.00	PASS
198	131840.	100.00	100.0	---	---	100.00	PASS
199	8704.	6.60	5.00	9.00	198	6.60	PASS
275	28832.	21.87	10.00	30.00	198	21.87	PASS
365	2724.	2.07	1.00	---	198	2.07	PASS
441	14192.	10.76	---	100.00	443	74.79	PASS
442	98304.	74.56	40.00	---	198	74.56	PASS
443	18976.	14.39	17.00	23.00	441	19.30	PASS

002063

Mass List
 12/08/93 12:02:00 + 6:33
 Sample: 50 NG DFTFP
 Conds.:
 #1148 to #1150 summed

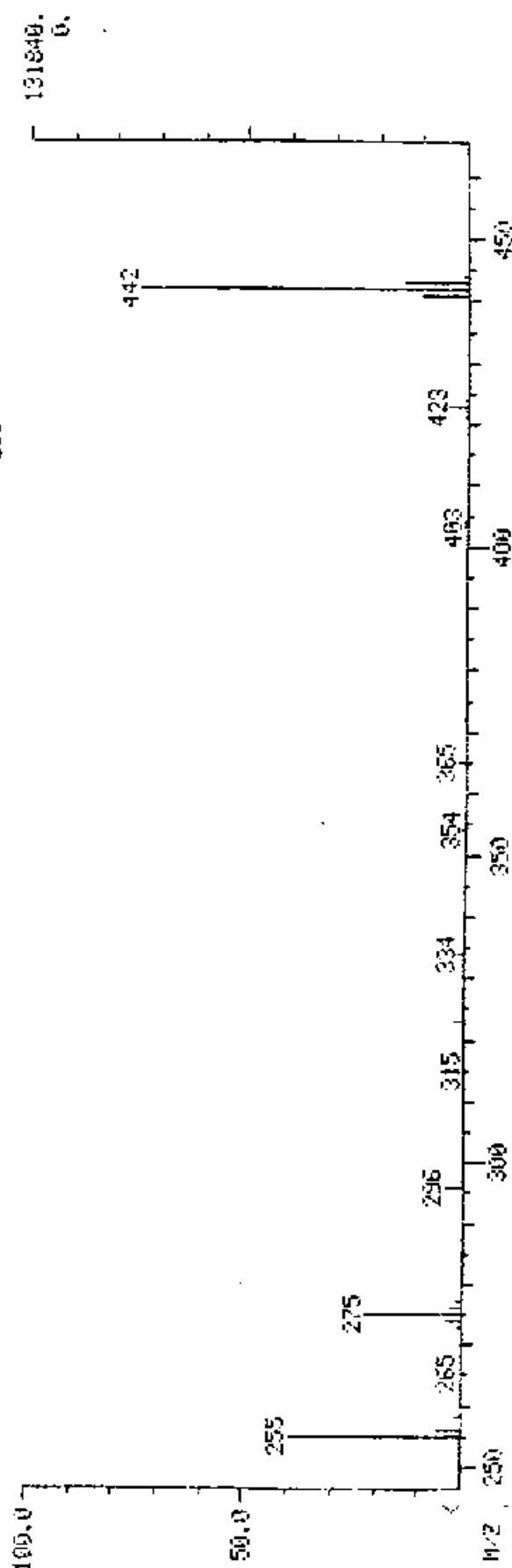
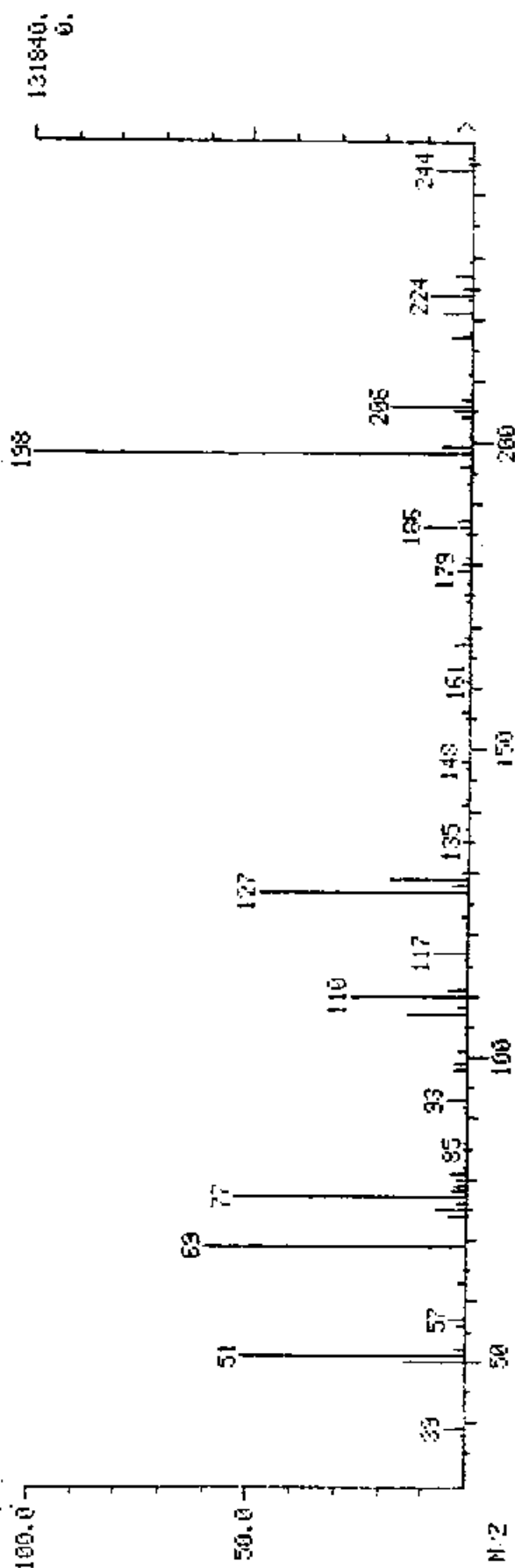
Date: 12089301A #1149
 Cell: FC43120893 # 3

Base m/z: 198
 RIC: 1034240.

38	0.00	0.	Minima	Min	Inten:	756.
444			Maxima	#	0	
Mass	% RA	Inten.	Mass	% RA	Inten.	
39?	4.66	6144.	168	1.48	1948.	
50	13.76	18144.	174	0.66	876.	
51	51.26	67584.	175	1.20	1580.	
52	2.48	3268.	179	2.76	3644.	
56	1.58	2080.	180	1.87	2460.	
57	3.84	5064.	181	0.76	1008.	
63	1.79	2364.	185	1.00	1320.	
65	0.77	1020.	186	10.59	13968.	
69	59.61	78592.	187	3.05	4016.	
74	4.31	5688.	192	0.70	920.	
75	7.00	9232.	193	0.79	1044.	
76	2.53	3332.	196	2.64	3480.	
77	53.20	70144.	198	100.00	131840.	
78	3.37	4440.	199	6.60	8704.	
79	2.81	3708.	201	0.67	884.	
80	2.34	3088.	204	2.47	3256.	
81	3.36	4432.	205	4.22	5560.	
82	0.69	912.	206	18.54	24448.	
83	0.69	908.	207	2.47	3252.	
85	0.73	956.	211	1.16	1528.	
86	0.67	880.	217	4.98	6568.	
91	0.58	760.	221	6.48	8544.	
92	0.62	824.	223	0.93	1224.	
93	4.55	6000.	224	9.64	12704.	
98	3.25	4288.	225	2.48	3276.	
99	2.86	3772.	227	3.82	5032.	
101	1.77	2328.	229	0.73	968.	
104	0.89	1168.	244	8.36	11024.	
105	0.79	1040.	245	1.02	1344.	
107	13.62	17952.	246	1.21	1592.	
108	2.01	2644.	255	39.56	52160.	
110	27.09	35712.	256	5.66	7456.	
111	3.96	5216.	258	1.75	2312.	
117	7.91	10432.	265	0.67	884.	
122	0.58	764.	273	1.08	1428.	
123	0.96	1260.	274	3.68	4848.	
127	47.96	63232.	275	21.87	28832.	
128	3.54	4664.	276	2.45	3228.	
129	18.06	23808.	277	1.35	1784.	
130	1.44	1904.	296	4.41	5808.	
135	1.13	1484.	323	1.65	2160.	
137	0.61	804.	334	0.96	1272.	
141	1.90	2500.	369	2.07	2724.	
142	0.59	776.	372	0.85	1176.	
147	0.82	1076.	423	4.28	5642.	
148	1.90	2508.	424	0.75	988.	
155	0.90	1192.	441	10.76	14192.	
156	1.63	2144.	442	74.56	98304.	
161	0.76	1008.	443	14.39	18976.	
167	3.68	4856.	444	1.27	1676.	

MASS SPECTRUM
12/08/93 12:02:00 + 6:33
SAMPLE: 50 NG DFTPP
CONDS.:
TEMP: 264 DEG. C
#1148 TO #1159 SUMMED

DATA: 12069301A #1149
CALL: FC43120893 #3
BASE M+Z: 198
R1C: 1034240.



002065

DECAFLUOROTRIPHENYLPHOSPHINE

49 133

Tuning Report Data: 12189301 #1140 Base m/z: 198
12/18/93 11:40:00 + 6:30 Cal: FC43120893 # 3 RIC: 496640.
Instrument: FINN Analyst: 0642 Acct. No.:
#1140 to #1141 summed
Case Number: Laboratory: Contract:
Comments: METHOD 625 ION ABUNDANCE CRITERIA

m/z	Intensity	Z RA	Ion Abundance Criteria			Actual	Status
			Min %	Max %	Mass		
51	32160.	30.50	30.00	60.00	198	30.50	PASS
68	0.	0.00	---	2.00	69	0.00	PASS
69	35072.	55.08	0.00	100.00	198	55.08	PASS
70	0.	0.00	---	2.00	69	0.00	PASS
127	29024.	45.58	40.00	60.00	198	45.58	PASS
197	0.	0.00	---	1.00	198	0.00	PASS
198	63680.	100.00	100.0	---	---	100.00	PASS
199	4216.	6.62	5.00	9.00	198	6.62	PASS
275	14672.	23.04	10.00	30.00	198	23.04	PASS
365	1632.	2.56	1.00	---	198	2.56	PASS
441	7680.	12.06	---	100.00	443	72.95	PASS
442	55360.	86.93	40.00	---	198	86.93	PASS
443	10528.	16.53	17.00	23.00	442	19.02	PASS

002066

Mass List
12/18/93 11:40:00 + 6:30
Sample: 50 NG DFTPP
Conds.:
#1140 to #1141 summed

Data: 12189301 #1140
Cell: FC43120893 # 3

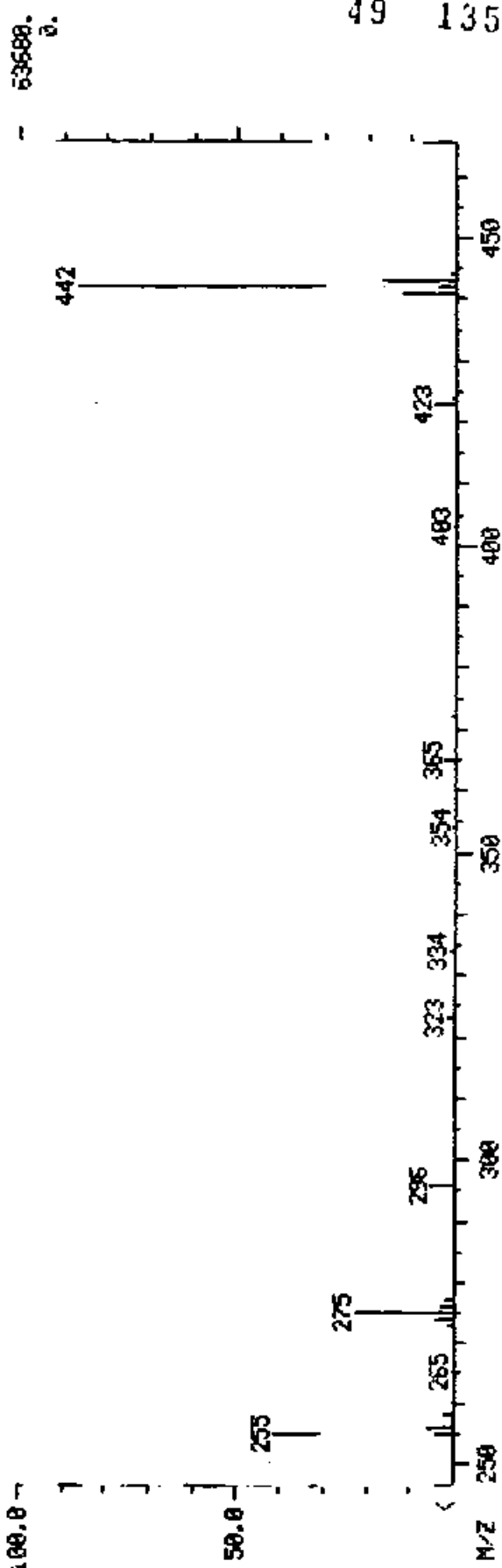
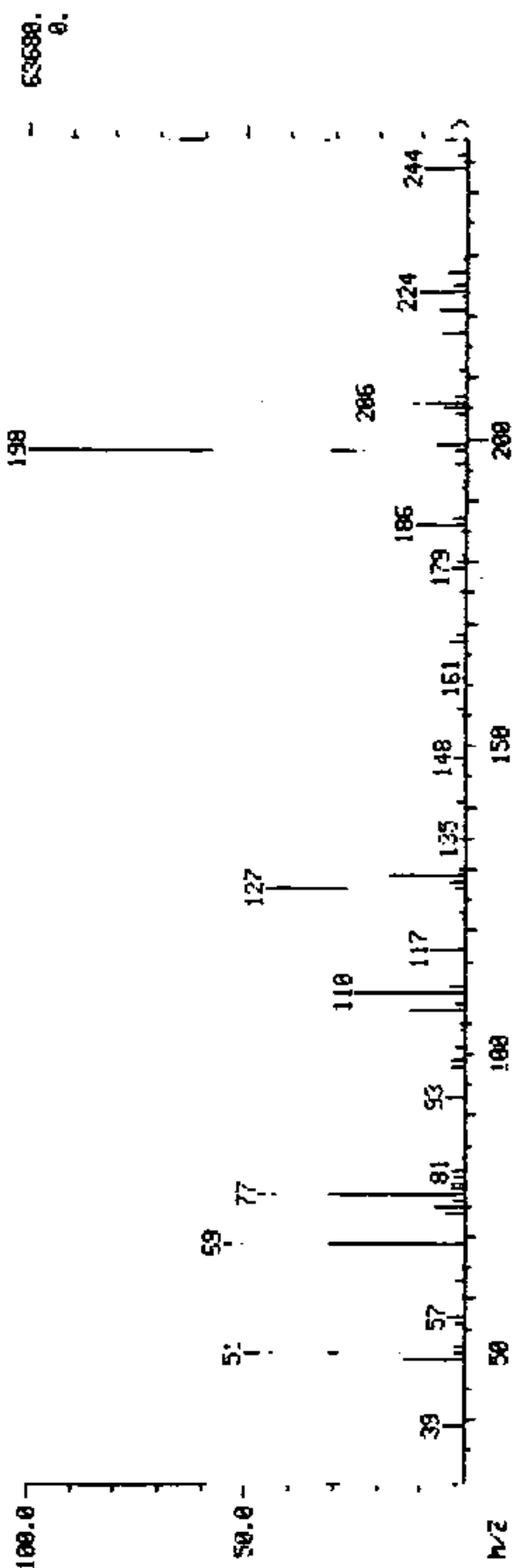
Base m/z: 49 134
RIC: 496640.

39 444 Mass	0.00 X RA	0. Inten.	Minima Maxima Mass	Min Inten: # 0 X RA	0. Inten.
39?	4.74	3020.	186	11.14	7096.
50	13.52	8608.	187	3.23	2060.
51	50.50	32160.	192	0.56	356.
52	2.36	1504.	193	0.57	360.
56	1.52	968.	196	2.46	1564.
57	3.52	2244.	198	100.00	63680.
63	1.78	1132.	199	6.62	4216.
65	0.49	312.	204	2.56	1632.
69	55.08	35072.	205	4.70	2992.
74	4.32	2748.	206	20.53	13072.
75	6.70	4264.	207	2.66	1692.
76	2.61	1664.	211	1.27	808.
77	47.29	30112.	217	5.28	3360.
78	3.08	1964.	221	6.09	3876.
79	2.88	1836.	223	0.70	444.
80	2.34	1488.	224	10.49	6680.
81	3.17	2016.	225	2.71	1728.
83	0.47	300.	227	4.12	2624.
93	4.45	2832.	229	0.55	352.
98	3.22	2052.	244	9.46	6024.
99	2.74	1744.	245	0.79	504.
101	1.65	1052.	246	1.60	1016.
104	0.47	300.	255	41.56	26464.
105	1.00	636.	256	6.08	3872.
107	12.56	8000.	258	2.21	1408.
108	1.93	1232.	265	0.53	340.
110	25.30	16112.	273	1.41	900.
111	3.33	2120.	274	3.98	2532.
117	7.99	5088.	275	23.04	14672.
122	0.49	312.	276	2.79	1776.
123	1.19	760.	277	1.65	1032.
127	45.58	29024.	296	5.38	3428.
128	3.35	2136.	323	1.89	1204.
129	17.39	11072.	334	0.91	580.
130	1.35	860.	354	0.50	316.
135	1.33	844.	365	2.56	1632.
137	0.51	324.	372	0.68	432.
141	1.90	1212.	403	0.53	340.
147	0.55	352.	423	4.92	3136.
148	2.10	1340.	424	0.78	496.
155	0.68	432.	441	12.06	7680.
156	1.62	1032.	442	86.93	55360.
161	0.68	432.	443	16.33	10528.
167	3.74	2384.	444	1.02	648.
168	1.80	1148.			
175	1.46	932.			
179	2.84	1808.			
180	2.09	1332.			
181	0.57	364.			
185	1.29	820.			

002067

MASS SPECTRUM
12/18/93 11:40:00 + 6:30
SAMPLE: 50 MC OF TPP
CONDOS.:
TEMP: 263 DEG. C
#1140 TO #1141 SUMMED

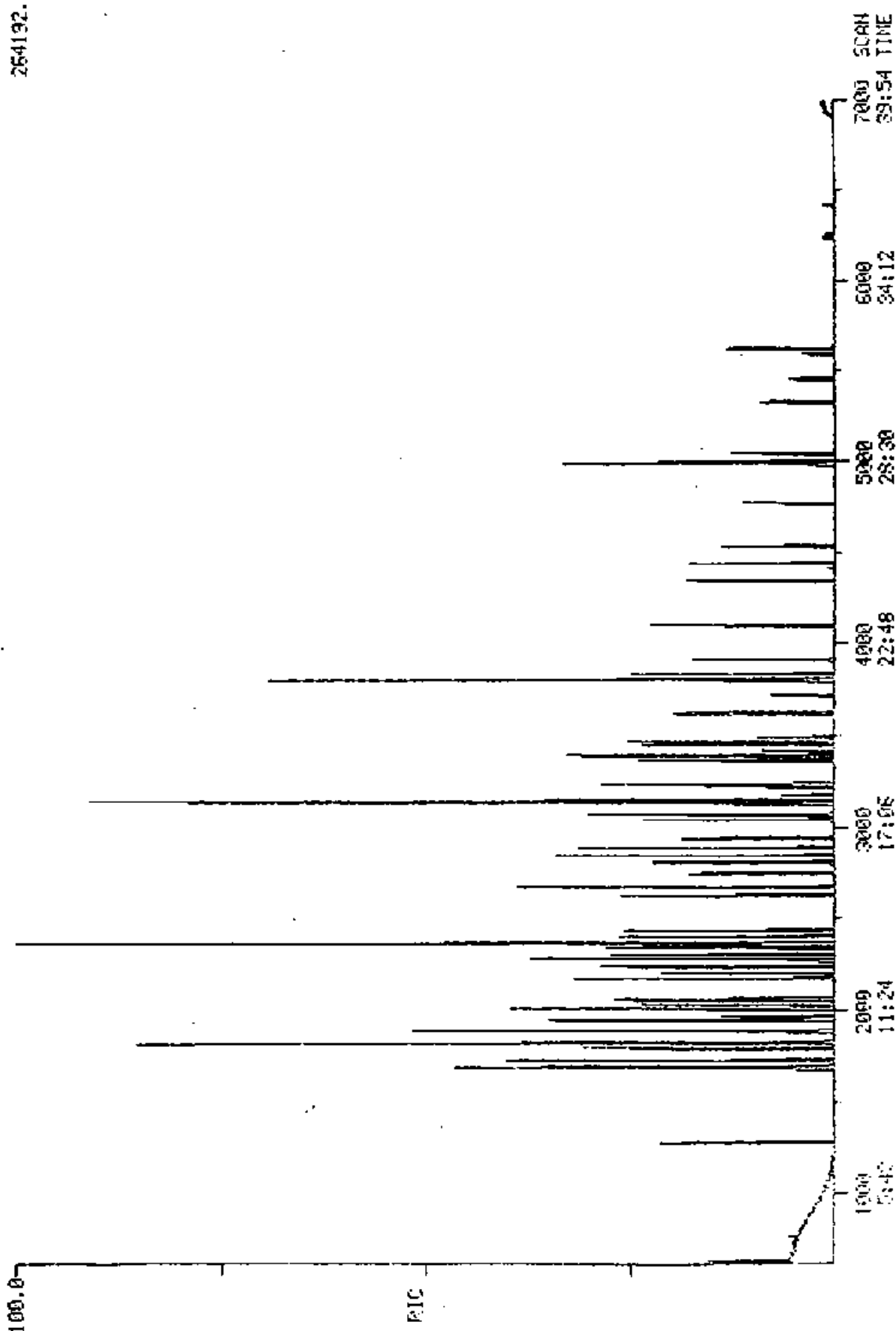
DATA: 12189301 #1140
CALL: FC43120893 #3
BASE M/Z: 198
RIC: 496648.



002068

R1C
 12/08/93 12:21:00 DATA: 12063302 #1 SCANS 620 TO 7000
 SAMPLE: 20HG SU STD MIX 00013-37-20A CALL: 12063302 #3
 CONDS.:
 RANGE: C 1.7382 LABEL: N 0. 4.0 QUM: A 0. 1.0 U 0 BASE: U 20. 3

254192.



002069

Quantitation Report File: 12089302

Data: 12089302.T1

12/08/93 12:21:00

Sample: 20NG SV STD MIX 00B13-37-20A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-D8 **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	C850 367-12-4 2-FLUOROPHENOL **SU1**
8	C845 4165-62-2 PHENOL-D5 **SU2**
9	C820 4165-60-0 NITROBENZENE-D5 **SU3**
10	C825 321-60-8 2-FLUOROBIPHENYL **SU4**
11	C855 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**
12	C830 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBTADIENE
36	C465 59-50-7 4-CHLORO-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 68-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C545 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002070

No Name
 48 C955 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1823	10:23	1	1.000	A BB	192048.	40.000 NG/UL	2.41
2	136	2365	13:29	2	1.000	A BB	608992.	40.000 NG/UL	2.41
3	164	3142	17:55	3	1.000	A BB	298156.	40.000 NG/UL	2.41
4	188	3809	21:41	4	1.000	A BB	358364.	40.000 NG/UL	2.41
5	240	4994	28:28	5	1.000	A BB	163168.	40.000 NG/UL	2.41
6	264	5623	32:03	6	1.000	A BB	118636.	40.000 UG/ML	2.41
7	112	1287	7:20	1	0.706	A BB	88520.	20.000 UG/ML	1.20
8	99	1690	9:38	1	0.927	A BB	131520.	20.000 UG/ML	1.20
9	82	2058	11:44	2	0.870	A BB	114552.	20.000 UG/ML	1.20
10	172	2855	16:16	3	0.909	A BB	152364.	20.000 UG/ML	1.20
11	330	3493	19:55	4	0.918	A BB	19520.	20.000 UG/ML	1.20
12	244	4537	25:52	5	0.908	A BB	88892.	20.000 UG/ML	1.20
13	94	1695	9:40	1	0.930	A BB	146956.	20.000 UG/ML	1.20
14	93	1729	9:51	1	0.948	A BB	118540.	20.000 UG/ML	1.20
15	128	1732	9:52	1	0.950	A BB	97800.	20.000 UG/ML	1.20
16	146	1796	10:14	1	0.985	A BB	105968.	20.000 UG/ML	1.20
17	146	1829	10:26	1	1.003	A BB	105612.	20.000 UG/ML	1.20
18	146	1889	10:46	1	1.036	A BB	101132.	20.000 UG/ML	1.20
19	108	1891	10:47	1	1.037	A BB	63308.	20.000 UG/ML	1.20
20	108	1947	11:06	1	1.068	A BB	91684.	20.000 UG/ML	1.20
21	108	2014	11:29	1	1.105	A BB	94888.	20.000 UG/ML	1.20
22	45	1959	11:10	1	1.075	A BV	127872.	20.000 UG/ML	1.20
23	70	2010	11:27	1	1.103	A BB	86924.	20.000 UG/ML	1.20
24	117	2031	11:35	1	1.114	A BB	47212.	20.000 UG/ML	1.20
25	77	2066	11:47	2	0.874	A BB	110392.	20.000 UG/ML	1.20
26	82	2176	12:24	2	0.920	A BB	203360.	20.000 UG/ML	1.20
27	139	2204	12:34	2	0.932	A BB	46592.	20.000 UG/ML	1.20
28	107	2241	12:46	2	0.948	A BB	81648.	20.000 UG/ML	1.20
29	122	2285	13:01	2	0.966	A BB	40940.	20.000 UG/ML	1.20
30	93	2285	13:01	2	0.966	A BB	126676.	20.000 UG/ML	1.20
31	180	2345	13:22	2	0.992	A BB	74520.	20.000 UG/ML	1.20
32	162	2310	13:10	2	0.977	A BB	69152.	20.000 UG/ML	1.20
33	128	2374	13:32	2	1.004	A BB	239840.	20.000 UG/ML	1.20
34	127	2408	13:44	2	1.018	A BB	100556.	20.000 UG/ML	1.20
35	225	2440	13:54	2	1.032	A BB	44552.	20.000 UG/ML	1.20
36	107	2633	15:00	2	1.113	A BB	66992.	20.000 UG/ML	1.20
37	142	2682	15:17	2	1.134	A BB	149772.	20.000 UG/ML	1.20
38	237	2756	15:43	3	0.877	A BB	41892.	20.000 UG/ML	1.20
39	196	2812	16:02	3	0.895	A BB	40228.	20.000 UG/ML	1.20
40	196	2824	16:06	3	0.899	A BB	42960.	20.000 UG/ML	1.20
41	162	2895	16:30	3	0.921	A BB	122208.	20.000 UG/ML	1.20
42	65	2948	16:48	3	0.938	A BB	47712.	20.000 UG/ML	1.20
43	163	3047	17:22	3	0.970	A BB	138696.	20.000 UG/ML	1.20
44	152	3077	17:32	3	0.979	A BB	194756.	20.000 UG/ML	1.20
45	165	3066	17:29	3	0.974	A BB	27948.	20.000 UG/ML	1.20
46	136	2948	16:48	3	0.938	A BB	39616.	20.000 UG/ML	1.20
47	152	3156	17:59	3	1.004	A BB	112276.	20.000 UG/ML	1.20
48	164	3180	18:08	3	1.018	A BB	11452.	20.000 UG/ML	1.20
49	109	3219	18:21	3	1.025	A BB	10116.	20.000 UG/ML	1.20
50	168	3235	18:26	3	1.030	A BB	165896.	20.000 UG/ML	1.20

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:26	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	13:32	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:57	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:44	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	28:30	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	32:06	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	7:23	0.99	0.654	1.08	20.00	20.00	0.922	0.922	1.00
8	9:42	0.99	0.946	0.98	20.00	20.00	1.370	1.370	1.00
9	11:47	1.00	0.864	1.01	20.00	20.00	0.376	0.376	1.00
10	16:19	1.00	0.907	1.00	20.00	20.00	1.022	1.022	1.00
11	19:58	1.00	0.917	1.00	20.00	20.00	0.109	0.109	1.00
12	25:54	1.00	0.906	1.00	20.00	20.00	1.089	1.089	1.00
13	9:44	0.99	0.950	0.98	20.00	20.00	1.530	1.530	1.00
14	9:55	0.99	0.957	0.99	20.00	20.00	1.234	1.234	1.00
15	9:55	1.00	0.948	1.00	20.00	20.00	1.018	1.018	1.00
16	10:17	1.00	0.983	1.00	20.00	20.00	1.104	1.104	1.00
17	10:28	1.00	1.006	1.00	20.00	20.00	1.100	1.100	1.00
18	10:49	1.00	1.043	0.99	20.00	20.00	1.053	1.053	1.00
19	10:51	0.99	1.069	0.97	20.00	20.00	0.659	0.659	1.00
20	11:09	1.00	1.102	0.97	20.00	20.00	0.955	0.955	1.00
21	11:33	0.99	1.134	0.96	20.00	20.00	0.988	0.988	1.00
22	11:12	1.00	1.096	0.98	20.00	20.00	1.332	1.332	1.00
23	11:32	0.99	1.158	0.95	20.00	20.00	0.905	0.905	1.00
24	11:37	1.00	1.129	0.99	20.00	20.00	0.492	0.492	1.00
25	11:50	0.99	0.869	1.01	20.00	20.00	0.363	0.363	1.00
26	12:28	0.99	0.927	0.99	20.00	20.00	0.668	0.668	1.00
27	12:37	1.00	0.929	1.00	20.00	20.00	0.153	0.153	1.00
28	12:50	1.00	0.961	0.99	20.00	20.00	0.269	0.269	1.00
29	13:13	0.98	1.032	0.94	20.00	20.00	0.134	0.134	1.00
30	13:05	1.00	0.977	0.99	20.00	20.00	0.416	0.416	1.00
31	13:25	1.00	0.992	1.00	20.00	20.00	0.245	0.245	1.00
32	13:13	1.00	0.986	0.99	20.00	20.00	0.227	0.227	1.00
33	13:35	1.00	1.006	1.00	20.00	20.00	0.788	0.788	1.00
34	13:46	1.00	1.025	0.99	20.00	20.00	0.330	0.330	1.00
35	13:57	1.00	1.036	1.00	20.00	20.00	0.146	0.146	1.00
36	15:04	1.00	1.141	0.98	20.00	20.00	0.220	0.220	1.00
37	15:20	1.00	1.150	0.99	20.00	20.00	0.492	0.492	1.00
38	15:45	1.00	0.868	1.01	20.00	20.00	0.281	0.281	1.00
39	16:04	1.00	0.893	1.00	20.00	20.00	0.270	0.270	1.00
40	16:09	1.00	0.898	1.00	20.00	20.00	0.288	0.288	1.00
41	16:33	1.00	0.918	1.00	20.00	20.00	0.820	0.820	1.00
42	16:52	1.00	0.943	0.99	20.00	20.00	0.320	0.320	1.00
43	17:25	1.00	0.980	0.99	20.00	20.00	0.930	0.930	1.00
44	17:35	1.00	0.978	1.00	20.00	20.00	1.306	1.306	1.00
45	17:32	1.00	0.986	0.99	20.00	20.00	0.187	0.187	1.00
46	18:52	1.00	0.943	0.99	20.00	20.00	0.266	0.266	1.00
47	18:03	1.00	1.007	1.00	20.00	20.00	0.753	0.753	1.00
48	18:11	1.00	1.024	0.99	20.00	20.00	0.077	0.077	1.00
49	18:25	1.00	1.045	0.98	20.00	20.00	0.068	0.068	1.00
50	18:29	1.00	1.035	1.00	20.00	20.00	1.113	1.113	1.00

Quantitation Report File: 12089302

Data: 12089302.T1

12/08/93 12:21:00

Sample: 20NG SV STD MIX 00813-37-20A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532027-4 2-CHLOROACETOPHENONE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	3241	18:28	3	1.032	A BB	34012.	20.000 UG/ML	1.20
52	149	3367	19:12	3	1.072	A BB	125612.	20.000 UG/ML	1.20
53	204	3401	19:23	3	1.082	A BB	65416.	20.000 UG/ML	1.20
54	166	3387	19:18	3	1.078	A BB	128632.	20.000 UG/ML	1.20
55	136	3402	19:23	3	1.083	A BB	13016.	20.000 UG/ML	1.20
56	169	3455	19:42	3	1.100	A BB	86024.	20.000 UG/ML	1.20
57	198	3419	19:29	4	0.899	A BB	16464.	20.000 UG/ML	1.20
58	248	3617	20:37	4	0.951	A BB	34224.	20.000 UG/ML	1.20
59	284	3630	20:41	4	0.954	A BB	38872.	20.000 UG/ML	1.20
61	588	3722	21:13	4	0.975	A BB	16760.	20.000 UG/ML	1.20
61	175	3814	21:44	4	1.002	A BB	154496.	20.000 UG/ML	1.20
62	176	3837	21:52	4	1.006	A BB	152700.	20.000 UG/ML	1.20
63	149	4105	23:24	4	1.079	A BB	116556.	20.000 UG/ML	1.20
64	202	4347	24:47	4	1.142	A BB	119580.	20.000 UG/ML	1.20
65	202	4445	25:20	5	0.690	A BB	123620.	20.000 UG/ML	1.20

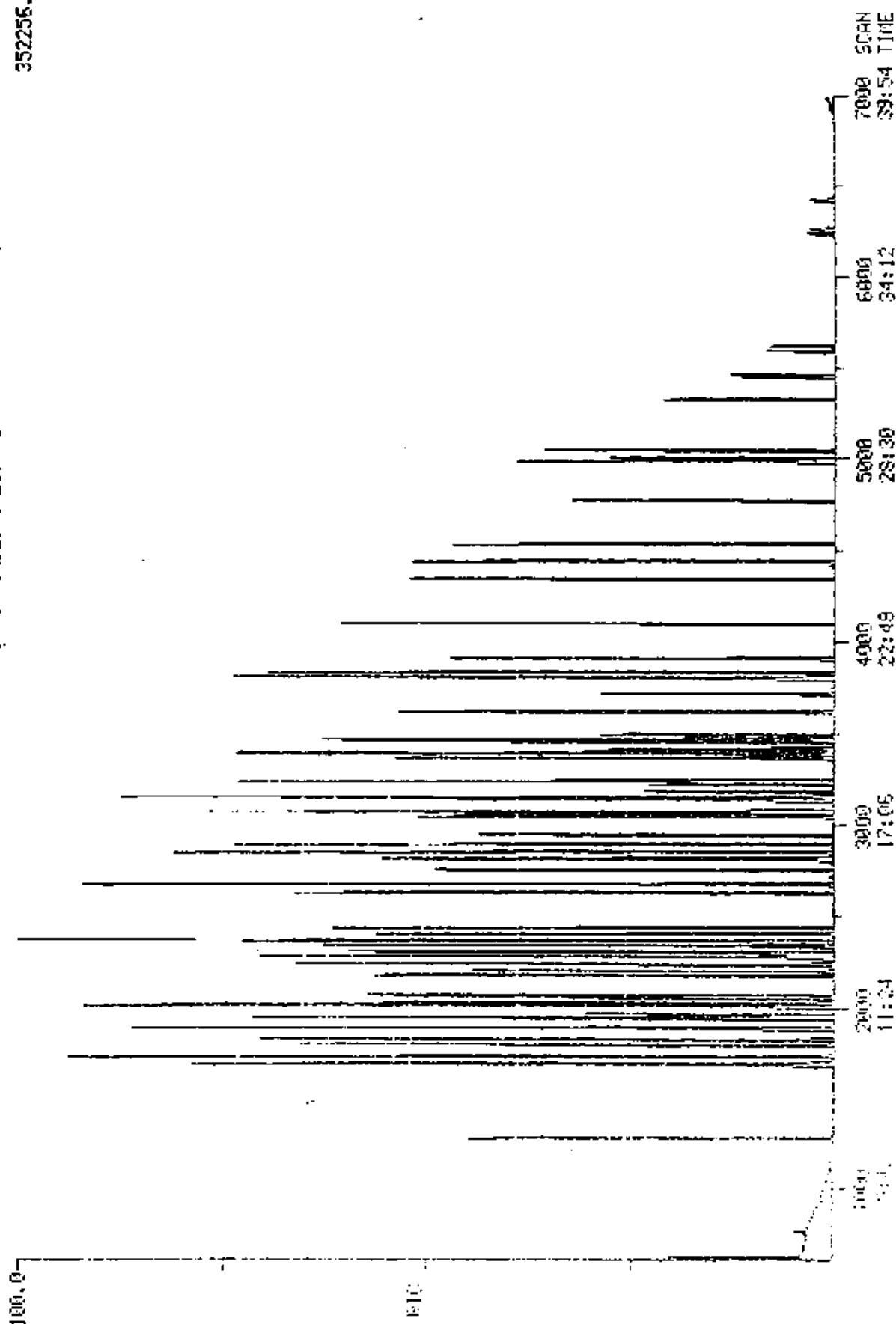
002073

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
66	149	4775	27:13	5	0.956	A BB	42668.	20.000 UG/ML	1.20
67	252	4991	28:27	5	0.999	A BB	12808.	20.000 UG/ML	1.20
68	228	4991	28:27	5	0.999	A BV	70376.	20.000 UG/ML	1.20
69	149	5047	28:46	5	1.011	A BB	48244.	20.000 UG/ML	1.20
70	228	5005	28:32	5	1.002	A BB	58702.	20.000 UG/ML	1.20
71	149	5329	30:23	6	0.948	A BB	67012.	20.000 UG/ML	1.20
72	252	5447	31:03	6	0.969	A BV	41592.	20.000 UG/ML	1.20
73	252	5460	31:07	6	0.971	A VB	43460.	20.000 UG/ML	1.20
74	292	5594	31:53	6	0.975	A BB	37084.	20.000 UG/ML	1.20
75	276	6239	35:34	6	1.110	A BB	23284.	20.000 UG/ML	1.20
76	278	6264	35:42	6	1.114	A BB	22016.	20.000 UG/ML	1.20
77	276	6424	36:37	6	1.142	A BE	24388.	20.000 UG/ML	1.20
78	NOT FOUND								

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	18:32	1.00	1.046	0.99	20.00	20.00	0.228	0.228	1.00
52	19:15	1.00	1.090	0.98	20.00	20.00	0.843	0.843	1.00
53	19:26	1.00	1.094	0.99	20.00	20.00	0.439	0.439	1.00
54	19:21	1.00	1.086	0.99	20.00	20.00	0.863	0.863	1.00
55	19:27	1.00	1.107	0.98	20.00	20.00	0.087	0.087	1.00
56	19:45	1.00	1.116	0.98	20.00	20.00	0.577	0.577	1.00
57	19:33	1.00	0.904	0.99	20.00	20.00	0.092	0.092	1.00
58	20:40	1.00	0.952	1.00	20.00	20.00	0.191	0.191	1.00
59	20:45	1.00	0.991	1.00	20.00	20.00	0.217	0.217	1.00
60	21:16	1.00	0.981	1.00	20.00	20.00	0.093	0.093	1.00
61	21:47	1.00	1.005	1.00	20.00	20.00	0.862	0.862	1.00
62	21:55	1.00	1.011	1.00	20.00	20.00	0.852	0.852	1.00
63	23:26	1.00	1.092	0.99	20.00	20.00	0.930	0.930	1.00
64	24:49	1.00	1.152	0.99	20.00	20.00	0.666	0.666	1.00
65	25:23	1.00	0.884	1.01	20.00	20.00	1.518	1.518	1.00
66	27:15	1.00	0.960	1.00	20.00	20.00	0.523	0.523	1.00
67	28:29	1.00	1.002	1.00	20.00	20.00	0.157	0.157	1.00
68	28:29	1.00	0.999	1.00	20.00	20.00	0.863	0.863	1.00
69	28:48	1.00	1.019	0.99	20.00	20.00	0.591	0.591	1.00
70	28:34	1.00	1.003	1.00	20.00	20.00	0.719	0.719	1.00
71	30:24	1.00	0.959	0.99	20.00	20.00	1.130	1.130	1.00
72	31:06	1.00	0.973	1.00	20.00	20.00	0.701	0.701	1.00
73	31:10	1.00	0.975	1.00	20.00	20.00	0.733	0.733	1.00
74	31:57	1.00	0.996	1.00	20.00	20.00	0.625	0.625	1.00
75	35:39	1.00	1.080	1.03	20.00	20.00	0.393	0.393	1.00
76	35:47	1.00	1.083	1.03	20.00	20.00	0.371	0.371	1.00
77	36:44	1.00	1.102	1.04	20.00	20.00	0.411	0.411	1.00
78	13:24		1.000						

PIC
 12-08-92 13:13:00 DATA: 12089303 #1 SCANS 620 TO 7000
 SAMPLE: 50MG SU STD MIX CALI: FC43120893 #3
 COLLECT 90813-37-500
 FOLDER: C 1-7382 LABEL: N 0, 4.0 CURN: A 0, 1.0 J 0 BASE: U 20, 3

352255.



002075

Quantitation Report File: 12089303

Date: 12089303.TI

12/08/93 13:13:00

Sample: 50NG SV STD MIX 00813-37-50A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	CI30 3955-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	CI40 1146-65-2 NAPHTHALENE-D8 ** IS2 **
3	CI50 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	CI60 1517-22-2 PHENANTHRENE-D10 **IS4**
5	CI70 1719-03-5 CHRYSENE-D10 **IS5**
6	CI75 1520-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D9 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLORO-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	CS10 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	CS15 55-06-2 2,4,6-TRICHLOROPHENOL
40	CS20 55-05-4 2,4,5-TRICHLOROPHENOL
41	CS25 91-59-7 2-CHLORONAPHTHALENE
42	CS30 58-74-4 2-NITROANILINE
43	CS35 131-11-3 DIMETHYL PHTHALATE
44	CS40 208-96-8 ACENAPHTHYLENE
45	CS42 606-20-2 2,6-DINITROGLUENE
46	CS45 59-09-2 3-NITROANILINE
47	CS50 83-32-9 ACENAPHTHENE

002076

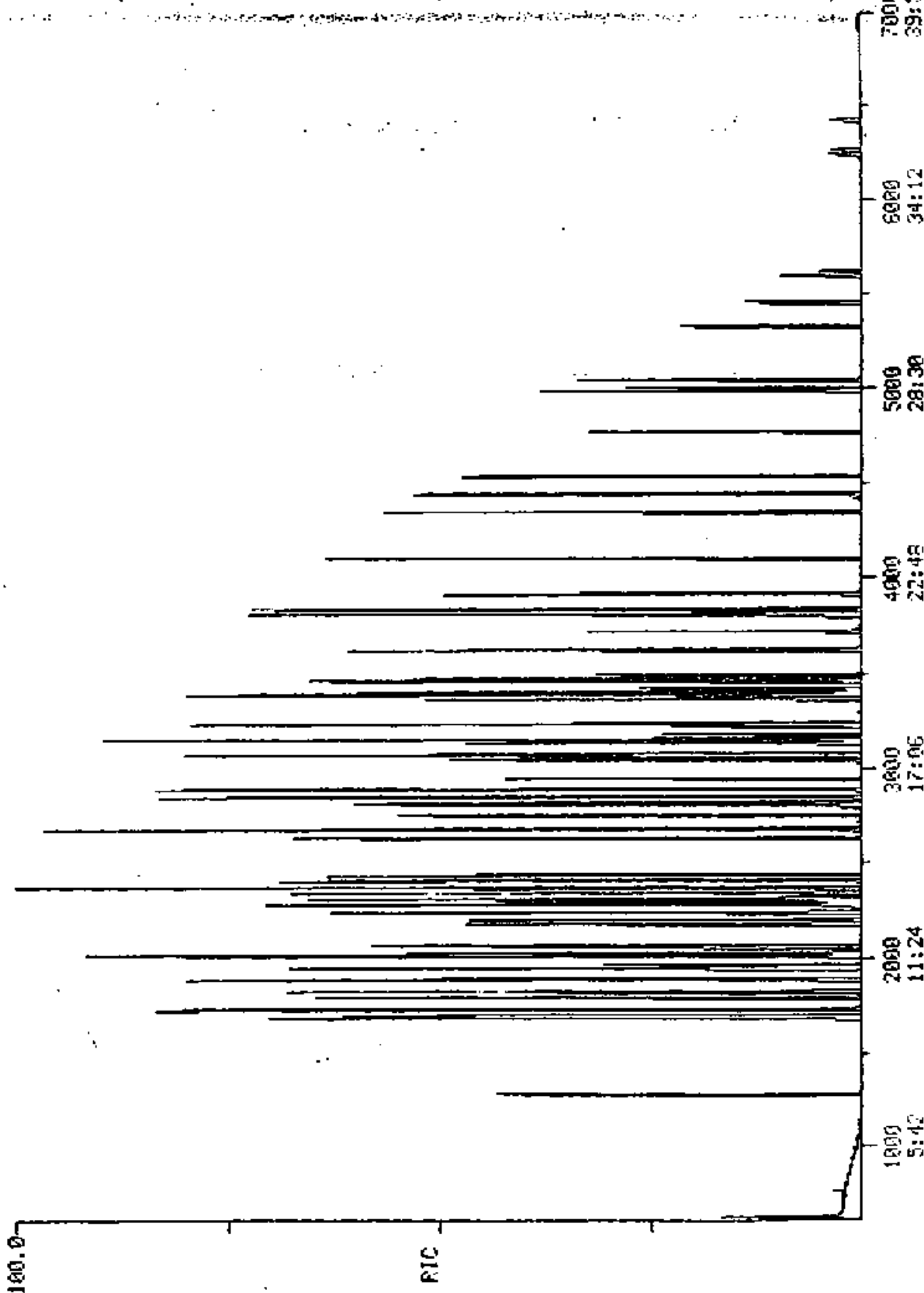
No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1823	10:23	1	1.000	A BB	181576.	40.000 NG/UL	1.06
2	136	2366	13:29	2	1.000	A BB	615492.	40.000 NG/UL	1.06
3	164	3144	17:55	3	1.000	A BB	301728.	40.000 NG/UL	1.06
4	188	3809	21:41	4	1.000	A BB	386996.	40.000 NG/UL	1.06
5	240	4994	28:28	5	1.000	A BB	177684.	40.000 NG/UL	1.06
6	264	5623	32:03	6	1.000	A BB	100860.	40.000 UG/ML	1.06
7	112	1288	7:20	1	0.707	A BB	242349.	50.000 UG/ML	1.32
8	99	1694	9:39	1	0.929	A BB	365900.	50.000 UG/ML	1.32
9	82	2061	11:45	2	0.871	A BB	342824.	50.000 UG/ML	1.32
10	172	2856	16:17	3	0.908	A BB	509720.	50.000 UG/ML	1.32
11	330	3496	19:56	4	0.919	A BB	68444.	50.000 UG/ML	1.32
12	244	4538	25:52	5	0.909	A BB	346084.	50.000 UG/ML	1.32
13	94	1699	9:41	1	0.932	A BB	404852.	50.000 UG/ML	1.32
14	93	1731	9:52	1	0.950	A BB	330272.	50.000 UG/ML	1.32
15	128	1733	9:53	1	0.951	A BB	283368.	50.000 UG/ML	1.32
16	146	1797	10:15	1	0.986	A BB	315592.	50.000 UG/ML	1.32
17	146	1830	10:26	1	1.004	A BB	314516.	50.000 UG/ML	1.32
18	146	1890	10:46	1	1.037	A BB	300440.	50.000 UG/ML	1.32
19	108	1893	10:48	1	1.039	A BB	193940.	50.000 UG/ML	1.32
20	108	1949	11:07	1	1.069	A BB	277992.	50.000 UG/ML	1.32
21	108	2017	11:30	1	1.106	A BB	288228.	50.000 UG/ML	1.32
22	45	1960	11:10	1	1.075	A BV	351436.	50.000 UG/ML	1.32
23	70	2014	11:29	1	1.105	A BB	247496.	50.000 UG/ML	1.32
24	117	2032	11:35	1	1.115	A BB	142332.	50.000 UG/ML	1.32
25	77	2069	11:48	2	0.874	A BB	323824.	50.000 UG/ML	1.32
26	82	2179	12:25	2	0.921	A BB	590964.	50.000 UG/ML	1.32
27	139	2205	12:34	2	0.932	A BB	148012.	50.000 UG/ML	1.32
28	107	2244	12:47	2	0.948	A BB	261096.	50.000 UG/ML	1.32
29	122	2309	13:10	2	0.976	A BB	111652.	50.000 UG/ML	1.32
30	93	2288	13:02	2	0.967	A BB	390708.	50.000 UG/ML	1.32
31	180	2346	13:22	2	0.992	A BB	242260.	50.000 UG/ML	1.32
32	162	2312	13:11	2	0.977	A BB	221436.	50.000 UG/ML	1.32
33	128	2375	13:32	2	1.004	A BB	762796.	50.000 UG/ML	1.32
34	127	2410	13:44	2	1.019	A BB	319824.	50.000 UG/ML	1.32
35	225	2440	13:54	2	1.031	A BB	141808.	50.000 UG/ML	1.32
36	107	2635	15:01	2	1.114	A BB	225620.	50.000 UG/ML	1.32
37	142	2684	15:18	2	1.134	A BB	508064.	50.000 UG/ML	1.32
38	237	2757	15:43	3	0.877	A BB	147776.	50.000 UG/ML	1.32
39	196	2813	16:02	3	0.895	A BV	135336.	50.000 UG/ML	1.32
40	196	2825	16:06	3	0.899	A VB	149350.	50.000 UG/ML	1.32
41	162	2896	16:30	3	0.921	A BB	428400.	50.000 UG/ML	1.32
42	85	2951	16:49	3	0.939	A BB	159504.	50.000 UG/ML	1.32
43	163	3050	17:23	3	0.970	A BB	449068.	50.000 UG/ML	1.32
44	152	3078	17:33	3	0.979	A BB	663124.	50.000 UG/ML	1.32
45	149	3069	17:30	3	0.978	A BB	101752.	50.000 UG/ML	1.32
46	113	2991	16:49	3	0.939	A BB	142848.	50.000 UG/ML	1.32
47	111	3159	18:03	3	1.034	A BB	384780.	50.000 UG/ML	1.32
48	114	3185	18:09	3	1.032	A BB	158014.	50.000 UG/ML	1.32
49	109	3227	18:22	3	1.025	A BB	37825.	50.000 UG/ML	1.32
50	168	3227	18:27	3	1.030	A BB	587752.	50.000 UG/ML	1.32

002077

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:26	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	13:32	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:57	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:44	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	28:30	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	32:06	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	7:23	0.99	0.654	1.08	50.00	50.00	1.068	1.068	1.00
8	9:42	1.00	0.946	0.98	50.00	50.00	1.612	1.612	1.00
9	11:47	1.00	0.864	1.01	50.00	50.00	0.446	0.446	1.00
10	16:19	1.00	0.907	1.00	50.00	50.00	1.351	1.351	1.00
11	19:58	1.00	0.917	1.00	50.00	50.00	0.141	0.141	1.00
12	25:54	1.00	0.906	1.00	50.00	50.00	1.558	1.558	1.00
13	9:44	0.99	0.950	0.98	50.00	50.00	1.784	1.784	1.00
14	9:55	1.00	0.957	0.99	50.00	50.00	1.455	1.455	1.00
15	9:55	1.00	0.948	1.00	50.00	50.00	1.248	1.248	1.00
16	10:17	1.00	0.983	1.00	50.00	50.00	1.390	1.390	1.00
17	10:28	1.00	1.006	1.00	50.00	50.00	1.386	1.386	1.00
18	10:49	1.00	1.043	0.99	50.00	50.00	1.324	1.324	1.00
19	10:51	1.00	1.069	0.97	50.00	50.00	0.854	0.854	1.00
20	11:09	1.00	1.102	0.97	50.00	50.00	1.225	1.225	1.00
21	11:33	1.00	1.154	0.96	50.00	50.00	1.270	1.270	1.00
22	11:12	1.00	1.096	0.98	50.00	50.00	1.548	1.548	1.00
23	11:32	1.00	1.158	0.95	50.00	50.00	1.090	1.090	1.00
24	11:37	1.00	1.129	0.99	50.00	50.00	0.627	0.627	1.00
25	11:50	1.00	0.869	1.01	50.00	50.00	0.421	0.421	1.00
26	12:28	1.00	0.927	0.99	50.00	50.00	0.768	0.768	1.00
27	12:37	1.00	0.929	1.00	50.00	50.00	0.192	0.192	1.00
28	12:50	1.00	0.961	0.99	50.00	50.00	0.339	0.339	1.00
29	13:13	1.00	1.032	0.95	50.00	50.00	0.145	0.145	1.00
30	13:05	1.00	0.977	0.99	50.00	50.00	0.508	0.508	1.00
31	13:25	1.00	0.992	1.00	50.00	50.00	0.315	0.315	1.00
32	13:13	1.00	0.986	0.99	50.00	50.00	0.288	0.288	1.00
33	13:35	1.00	1.006	1.00	50.00	50.00	0.991	0.991	1.00
34	13:46	1.00	1.025	0.99	50.00	50.00	0.416	0.416	1.00
35	13:57	1.00	1.036	1.00	50.00	50.00	0.184	0.184	1.00
36	13:04	1.00	1.141	0.98	50.00	50.00	0.293	0.293	1.00
37	13:20	1.00	1.150	0.99	50.00	50.00	0.660	0.660	1.00
38	13:45	1.00	0.868	1.01	50.00	50.00	0.392	0.392	1.00
39	16:04	1.00	0.893	1.00	50.00	50.00	0.369	0.369	1.00
40	16:09	1.00	0.898	1.00	50.00	50.00	0.396	0.396	1.00
41	16:22	1.00	0.918	1.00	50.00	50.00	1.136	1.136	1.00
42	16:52	1.00	0.943	1.00	50.00	50.00	0.423	0.423	1.00
43	17:25	1.00	0.980	0.99	50.00	50.00	1.191	1.191	1.00
44	17:35	1.00	0.976	1.00	50.00	50.00	1.758	1.758	1.00
45	17:32	1.00	0.966	0.99	50.00	50.00	0.270	0.270	1.00
46	18:52	1.00	0.942	1.00	50.00	50.00	0.378	0.378	1.00
47	18:03	1.00	1.007	1.00	50.00	50.00	1.020	1.020	1.00
48	18:11	1.00	1.024	0.99	50.00	50.00	0.147	0.147	1.00
49	18:25	1.00	1.045	0.95	50.00	50.00	0.100	0.100	1.00
50	18:25	1.00	1.000	1.00	50.00	50.00	1.558	1.558	1.00

RIC
12/08/93 14:10:00 DATA: 12083304 #1 SCANS 520 TO 7000
SAMPLE: 89NG SU STD MIX CALI: FC43120893 #3
COND.: 00813-37-80H
RANGE: 0 1.7982 LABEL: N 0, 4.0 QUAN: A 0, 1.0 U 0 BASE: U 20, 3



517129.

49 146

002079

Quantitation Report File: 12089304

Data: 12089304.TI

12/08/93 14:10:00

Sample: BONG SV STD MIX 00513-37-80A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-D8 ** IS2 **
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1920-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLORO-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002080

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1824	10:24	1	1.000	A BB	174260.	40.000 NG/UL	0.68
2	136	2367	13:30	2	1.000	A BB	628472.	40.000 NG/UL	0.68
3	164	3145	17:56	3	1.000	A BB	315276.	40.000 NG/UL	0.68
4	188	3806	21:42	4	1.000	A BB	387720.	40.000 NG/UL	0.68
5	240	4995	28:28	5	1.000	A BB	154348.	40.000 NG/UL	0.68
6	264	5623	32:03	6	1.000	A BB	89904.	40.000 UG/ML	0.68
7	112	1289	7:21	1	0.707	A BB	349251.	80.000 UG/ML	1.35
8	99	1697	9:40	1	0.930	A BB	531136.	80.000 UG/ML	1.35
9	82	2063	11:46	2	0.872	A BB	545772.	80.000 UG/ML	1.35
10	172	2858	16:17	3	0.909	A BB	852536.	80.000 UG/ML	1.35
11	330	3497	19:56	4	0.919	A BB	111224.	80.000 UG/ML	1.35
12	244	4539	25:52	5	0.909	A BB	521428.	80.000 UG/ML	1.35
13	94	1703	9:42	1	0.934	A BB	552375.	80.000 UG/ML	1.35
14	93	1733	9:53	1	0.950	A BB	470348.	80.000 UG/ML	1.35
15	128	1734	9:53	1	0.951	A BB	398268.	80.000 UG/ML	1.35
16	146	1798	10:15	1	0.986	A BB	450088.	80.000 UG/ML	1.35
17	146	1831	10:26	1	1.004	A BB	465024.	80.000 UG/ML	1.35
18	146	1891	10:47	1	1.037	A BB	453112.	80.000 UG/ML	1.35
19	108	1898	10:49	1	1.041	A BB	292112.	80.000 UG/ML	1.35
20	108	1951	11:07	1	1.070	A BB	425488.	80.000 UG/ML	1.35
21	108	2020	11:31	1	1.107	A BB	434176.	80.000 UG/ML	1.35
22	45	1961	11:11	1	1.075	A BV	540084.	80.000 UG/ML	1.35
23	70	2017	11:30	1	1.106	A BB	384896.	80.000 UG/ML	1.35
24	117	2033	11:35	1	1.115	A BB	217000.	80.000 UG/ML	1.35
25	77	2072	11:49	2	0.875	A BB	512668.	80.000 UG/ML	1.35
26	82	2183	12:27	2	0.922	A BB	970184.	80.000 UG/ML	1.35
27	139	2207	12:35	2	0.932	A BB	248528.	80.000 UG/ML	1.35
28	107	2246	12:48	2	0.949	A BB	425824.	80.000 UG/ML	1.35
29	122	2324	13:15	2	0.982	M XX	130016.	80.000 UG/ML	1.35
30	93	2290	13:03	2	0.967	A BB	646232.	80.000 UG/ML	1.35
31	180	2347	13:23	2	0.992	A BB	395908.	80.000 UG/ML	1.35
32	162	2314	13:11	2	0.978	A BB	384128.	80.000 UG/ML	1.35
33	128	2376	13:33	2	1.004	A BB	1228530.	80.000 UG/ML	1.35
34	127	2412	13:45	2	1.019	A BB	568844.	80.000 UG/ML	1.35
35	225	2441	13:55	2	1.031	A BB	216396.	80.000 UG/ML	1.35
36	107	2637	15:02	2	1.114	A BB	386924.	80.000 UG/ML	1.35
37	142	2685	15:18	2	1.134	A BB	855036.	80.000 UG/ML	1.35
38	237	2757	15:43	3	0.877	A BB	246712.	80.000 UG/ML	1.35
39	196	2815	16:03	3	0.895	A BV	233659.	80.000 UG/ML	1.35
40	196	2827	16:07	3	0.899	A VB	245259.	80.000 UG/ML	1.35
41	162	2898	16:31	3	0.921	A BB	738800.	80.000 UG/ML	1.35
42	65	2953	16:50	3	0.939	A BB	274292.	80.000 UG/ML	1.35
43	163	3053	17:24	3	0.971	A BB	764464.	80.000 UG/ML	1.35
44	152	3080	17:33	3	0.979	A BB	1120260.	80.000 UG/ML	1.35
45	165	3072	17:31	3	0.977	A BB	177184.	80.000 UG/ML	1.35
46	138	2953	16:50	3	0.939	A BB	249432.	80.000 UG/ML	1.35
47	153	3160	18:01	3	1.005	A BB	636340.	80.000 UG/ML	1.35
48	184	3185	18:09	3	1.013	A BB	96208.	80.000 UG/ML	1.35
49	109	3224	18:23	3	1.025	A BB	62664.	80.000 UG/ML	1.35
50	168	3239	18:28	3	1.030	A BB	964880.	80.000 UG/ML	1.35

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R.Fac	R.Fac(L)	Ratio
1	10:23	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	13:29	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:55	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:41	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	28:28	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	32:03	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	7:20	1.00	0.654	1.08	80.00	80.00	1.002	1.002	1.00
8	9:39	1.00	0.946	0.98	80.00	80.00	1.524	1.524	1.00
9	11:45	1.00	0.864	1.01	80.00	80.00	0.434	0.434	1.00
10	16:17	1.00	0.907	1.00	80.00	80.00	1.352	1.352	1.00
11	19:56	1.00	0.917	1.00	80.00	80.00	0.143	0.143	1.00
12	25:52	1.00	0.906	1.00	80.00	80.00	1.689	1.689	1.00
13	9:41	1.00	0.950	0.98	80.00	80.00	1.585	1.585	1.00
14	9:52	1.00	0.957	0.99	80.00	80.00	1.350	1.350	1.00
15	9:53	1.00	0.948	1.00	80.00	80.00	1.143	1.143	1.00
16	10:15	1.00	0.983	1.00	80.00	80.00	1.291	1.291	1.00
17	10:26	1.00	1.006	1.00	80.00	80.00	1.334	1.334	1.00
18	10:46	1.00	1.043	0.99	80.00	80.00	1.300	1.300	1.00
19	10:48	1.00	1.069	0.97	80.00	80.00	0.838	0.838	1.00
20	11:07	1.00	1.102	0.97	80.00	80.00	1.221	1.221	1.00
21	11:30	1.00	1.154	0.96	80.00	80.00	1.246	1.246	1.00
22	11:10	1.00	1.096	0.98	80.00	80.00	1.550	1.550	1.00
23	11:29	1.00	1.158	0.95	80.00	80.00	1.104	1.104	1.00
24	11:35	1.00	1.129	0.99	80.00	80.00	0.623	0.623	1.00
25	11:48	1.00	0.869	1.01	80.00	80.00	0.408	0.408	1.00
26	12:25	1.00	0.927	0.99	80.00	80.00	0.772	0.772	1.00
27	12:34	1.00	0.929	1.00	80.00	80.00	0.196	0.196	1.00
28	12:47	1.00	0.961	0.99	80.00	80.00	0.339	0.339	1.00
29	13:10	1.01	1.032	0.95	80.00	80.00	0.103	0.103	1.00
30	13:02	1.00	0.977	0.99	80.00	80.00	0.514	0.514	1.00
31	13:22	1.00	0.992	1.00	80.00	80.00	0.315	0.315	1.00
32	13:11	1.00	0.986	0.99	80.00	80.00	0.306	0.306	1.00
33	13:32	1.00	1.006	1.00	80.00	80.00	0.977	0.977	1.00
34	13:44	1.00	1.025	0.99	80.00	80.00	0.453	0.453	1.00
35	13:54	1.00	1.036	1.00	80.00	80.00	0.172	0.172	1.00
36	15:01	1.00	1.141	0.98	80.00	80.00	0.308	0.308	1.00
37	15:18	1.00	1.150	0.99	80.00	80.00	0.680	0.680	1.00
38	15:43	1.00	0.868	1.01	80.00	80.00	0.391	0.391	1.00
39	16:02	1.00	0.893	1.00	80.00	80.00	0.371	0.371	1.00
40	16:06	1.00	0.898	1.00	80.00	80.00	0.389	0.389	1.00
41	16:30	1.00	0.918	1.00	80.00	80.00	1.172	1.172	1.00
42	16:49	1.00	0.943	1.00	80.00	80.00	0.435	0.435	1.00
43	17:23	1.00	0.980	0.99	80.00	80.00	1.212	1.212	1.00
44	17:33	1.00	0.978	1.00	80.00	80.00	1.777	1.777	1.00
45	17:30	1.00	0.986	0.99	80.00	80.00	0.281	0.281	1.00
46	16:49	1.00	0.943	1.00	80.00	80.00	0.396	0.396	1.00
47	18:00	1.00	1.007	1.00	80.00	80.00	1.009	1.009	1.00
48	18:09	1.00	1.024	0.99	80.00	80.00	0.153	0.153	1.00
49	18:22	1.00	1.045	0.98	80.00	80.00	0.099	0.099	1.00
50	18:27	1.00	1.035	1.00	80.00	80.00	1.530	1.530	1.00

Quantitation Report File: 12089304

Data: 12089304.TI

12/08/93 14:10:00

Sample: BONG SV STD MIX 00813-37-80A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF_AMNT/(REF AREA * RESP_FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUDRENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-92-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532027-4 2-CHLOROACETOPHENONE

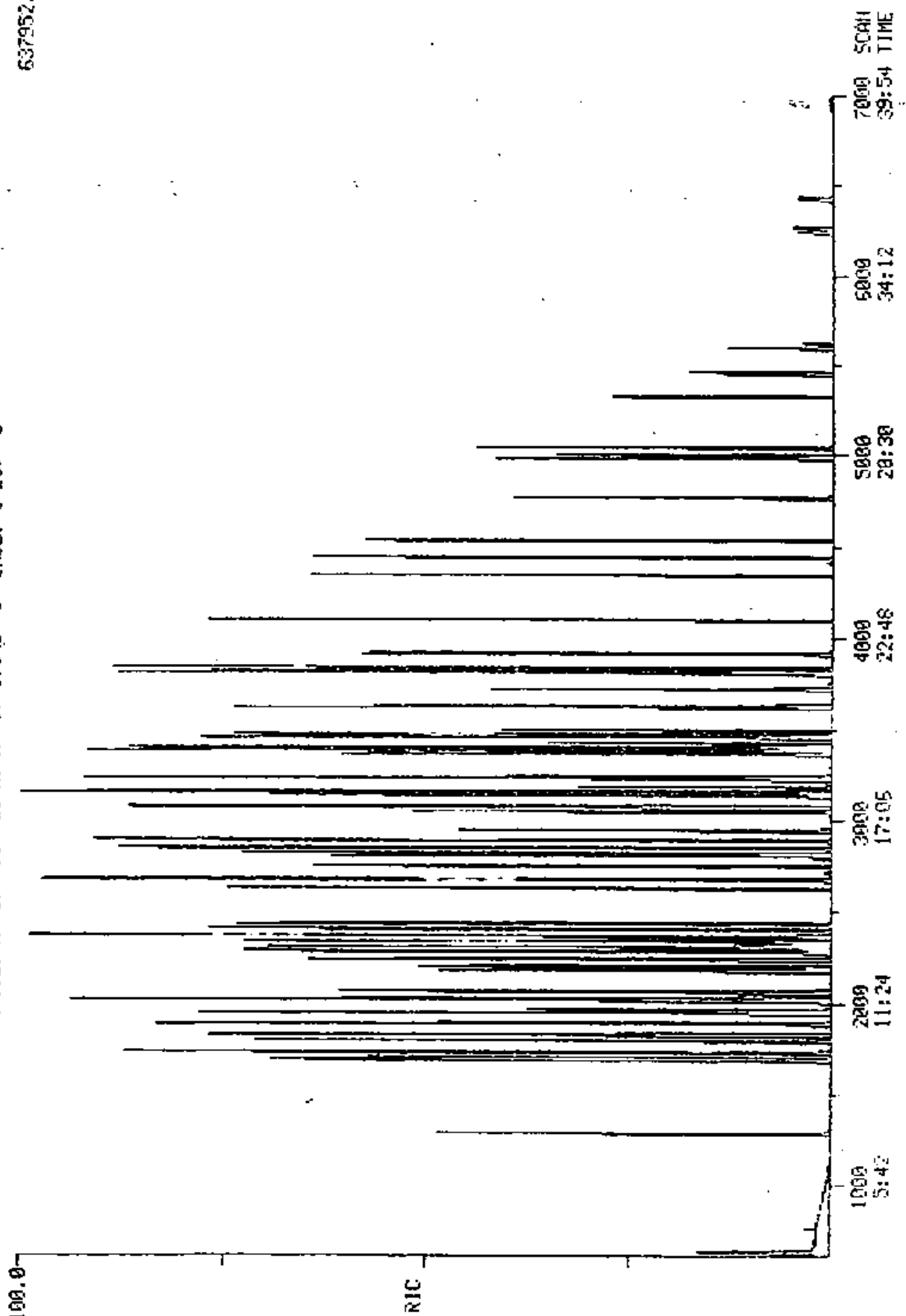
No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	3247	18:30	3	1.032	A BB	197268.	80.000 UG/ML	1.35
52	149	3372	19:13	3	1.072	A BB	711540.	80.000 UG/ML	1.35
53	204	3404	19:24	3	1.082	A BB	388048.	80.000 UG/ML	1.35
54	166	3391	19:20	3	1.078	A BB	714288.	80.000 UG/ML	1.35
55	138	3410	19:26	3	1.084	A BB	79090.	80.000 UG/ML	1.35
56	169	3460	19:43	3	1.100	A BB	498564.	80.000 UG/ML	1.35
57	198	3426	19:32	4	0.900	A BB	112604.	80.000 UG/ML	1.35
58	248	3620	20:38	4	0.951	A BB	206092.	80.000 UG/ML	1.35
59	284	3633	20:42	4	0.955	A BB	215512.	80.000 UG/ML	1.35
60	266	3725	21:14	4	0.979	A BB	118152.	80.000 UG/ML	1.35
61	178	3818	21:46	4	1.003	A BB	864632.	80.000 UG/ML	1.35
62	178	3841	21:54	4	1.009	A BB	895922.	80.000 UG/ML	1.35
63	149	4108	23:25	4	1.079	A BB	984836.	80.000 UG/ML	1.35
64	202	4350	24:48	4	1.143	A BB	714428.	80.000 UG/ML	1.35
65	202	4448	25:21	5	0.890	A BB	691768.	80.000 UG/ML	1.35

002083

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ΣTot
66	149	4776	27:13	5	0.956	A BB	219696.	80.000 UG/ML	1.35
67	252	4992	28:27	5	0.999	A BB	44992.	80.000 UG/ML	1.35
68	228	4992	28:27	5	0.999	A BV	357275.	80.000 UG/ML	1.35
69	149	5048	28:46	5	1.011	A BB	249596.	80.000 UG/ML	1.35
70	228	5007	28:32	5	1.002	A BB	305487.	80.000 UG/ML	1.35
71	149	5330	30:23	6	0.948	A BB	290460.	80.000 UG/ML	1.35
72	252	5450	31:04	6	0.969	A BV	197580.	80.000 UG/ML	1.35
73	252	5463	31:08	6	0.972	A VB	177166.	80.000 UG/ML	1.35
74	252	5597	31:54	6	0.995	A BB	165856.	80.000 UG/ML	1.35
75	276	6244	35:35	6	1.110	A BB	99268.	80.000 UG/ML	1.35
76	276	6268	35:44	6	1.115	A BB	103280.	80.000 UG/ML	1.35
77	276	6430	36:39	6	1.144	A BB	105698.	80.000 UG/ML	1.35
78	NOT FOUND								

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	18:29	1.00	1.046	0.99	80.00	80.00	0.313	0.313	1.00
52	19:12	1.00	1.090	0.98	80.00	80.00	1.128	1.128	1.00
53	19:24	1.00	1.094	0.99	80.00	80.00	0.615	0.615	1.00
54	19:19	1.00	1.086	0.99	80.00	80.00	1.133	1.133	1.00
55	19:25	1.00	1.107	0.98	80.00	80.00	0.125	0.125	1.00
56	19:42	1.00	1.116	0.99	80.00	80.00	0.791	0.791	1.00
57	19:31	1.00	0.904	1.00	80.00	80.00	0.145	0.145	1.00
58	20:38	1.00	0.952	1.00	80.00	80.00	0.266	0.266	1.00
59	20:42	1.00	0.951	1.00	80.00	80.00	0.278	0.278	1.00
60	21:13	1.00	0.981	1.00	80.00	80.00	0.152	0.152	1.00
61	21:45	1.00	1.005	1.00	80.00	80.00	1.115	1.115	1.00
62	21:53	1.00	1.011	1.00	80.00	80.00	1.155	1.155	1.00
63	23:24	1.00	1.092	0.99	80.00	80.00	1.270	1.270	1.00
64	24:47	1.00	1.152	0.99	80.00	80.00	0.921	0.921	1.00
65	25:21	1.00	0.884	1.01	80.00	80.00	2.241	2.241	1.00
66	27:13	1.00	0.960	1.00	80.00	80.00	0.712	0.712	1.00
67	28:27	1.00	1.002	1.00	80.00	80.00	0.146	0.146	1.00
68	28:27	1.00	0.999	1.00	80.00	80.00	1.157	1.157	1.00
69	28:46	1.00	1.019	0.99	80.00	80.00	0.809	0.809	1.00
70	28:32	1.00	1.003	1.00	80.00	80.00	0.990	0.990	1.00
71	30:23	1.00	0.959	0.99	80.00	80.00	1.615	1.615	1.00
72	31:04	1.00	0.973	1.00	80.00	80.00	1.099	1.099	1.00
73	31:08	1.00	0.975	1.00	80.00	80.00	0.985	0.985	1.00
74	31:53	1.00	0.996	1.00	80.00	80.00	0.922	0.922	1.00
75	35:34	1.00	1.080	1.03	80.00	80.00	0.552	0.552	1.00
76	35:43	1.00	1.083	1.03	80.00	80.00	0.574	0.574	1.00
77	36:38	1.00	1.102	1.04	80.00	80.00	0.588	0.588	1.00
78	13:24		1.000						

RIC
 12/08/93 15:07:00
 SAMPLE: 12RHC SU STD MIX
 COND: 1
 RANGE: G 1.7322 LABEL: N 0, 4.0 QUANT: A 0, 1.0 U 0 BASE: U 20, 3
 DATA: 12089305 #1
 CALI: 12089305 #3
 00813-37-120A
 SCANS 520 TO 7000
 637952.



002085

Quantitation Report File: 12089305

Data: 12089305.T1

12/08/93 15:07:00

Sample: 120NG SV STD MIX 00813-37-120A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-DB **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	C850 367-12-4 2-FLUOROPHENOL **SU1**
8	C845 4165-62-2 PHENOL-D5 **SU2**
9	C820 4165-60-0 NITROBENZENE-D5 **SU3**
10	C825 321-60-8 2-FLUOROBIPHENYL **SU4**
11	C855 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**
12	C830 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-D1-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLORO-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002086

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ΣTot
1	152	1825	10:24	1	1.000	A BB	171472.	40.000 NG/UL	0.46
2	136	2369	13:30	2	1.000	A BB	616416.	40.000 NG/UL	0.46
3	164	3145	17:56	3	1.000	A BB	329320.	40.000 NG/UL	0.46
4	188	3807	21:42	4	1.000	A BB	384932.	40.000 NG/UL	0.46
5	240	4996	28:29	5	1.000	A BB	149956.	40.000 NG/UL	0.46
6	264	5624	32:03	6	1.000	A BB	98324.	40.000 UG/ML	0.46
7	112	1292	7:22	1	0.708	A BB	509714.	120.000 UG/ML	1.37
8	99	1701	9:42	1	0.932	A BB	773996.	120.000 UG/ML	1.37
9	82	2066	11:47	2	0.872	A BB	813216.	120.000 UG/ML	1.37
10	172	2860	16:18	3	0.909	A BB	1215660.	120.000 UG/ML	1.37
11	330	3499	19:57	4	0.919	A BB	175784.	120.000 UG/ML	1.37
12	244	4540	25:53	5	0.909	A BB	771060.	120.000 UG/ML	1.37
13	94	1708	9:44	1	0.936	A BB	776952.	120.000 UG/ML	1.37
14	93	1736	9:54	1	0.931	A BB	669396.	120.000 UG/ML	1.37
15	128	1737	9:54	1	0.952	A BB	564556.	120.000 UG/ML	1.37
16	146	1799	10:15	1	0.986	A BB	665364.	120.000 UG/ML	1.37
17	146	1833	10:27	1	1.004	A BB	665676.	120.000 UG/ML	1.37
18	146	1892	10:47	1	1.037	A BB	646560.	120.000 UG/ML	1.37
19	108	1901	10:50	1	1.042	A BB	425512.	120.000 UG/ML	1.37
20	108	1954	11:08	1	1.071	A BB	636412.	120.000 UG/ML	1.37
21	108	2025	11:33	1	1.110	A BB	607932.	120.000 UG/ML	1.37
22	45	1962	11:11	1	1.075	A BV	775340.	120.000 UG/ML	1.37
23	70	2021	11:31	1	1.107	M XX	545714.	120.000 UG/ML	1.37
24	117	2033	11:35	1	1.114	A BB	296004.	120.000 UG/ML	1.37
25	77	2075	11:50	2	0.876	A BB	745964.	120.000 UG/ML	1.37
26	82	2188	12:28	2	0.924	A BB	1359580.	120.000 UG/ML	1.37
27	139	2210	12:36	2	0.933	A BB	372921.	120.000 UG/ML	1.37
28	107	2250	12:49	2	0.950	A BB	636752.	120.000 UG/ML	1.37
29	122	2340	13:20	2	0.988	M XX	239680.	120.000 UG/ML	1.37
30	93	2293	13:04	2	0.965	A BB	953688.	120.000 UG/ML	1.37
31	180	2348	13:23	2	0.991	A BB	592576.	120.000 UG/ML	1.37
32	162	2317	13:12	2	0.978	A BB	571272.	120.000 UG/ML	1.37
33	128	2379	13:34	2	1.004	A BB	1733590.	120.000 UG/ML	1.37
34	127	2414	13:46	2	1.019	A BB	872752.	120.000 UG/ML	1.37
35	225	2442	13:55	2	1.031	A BB	320292.	120.000 UG/ML	1.37
36	107	2638	15:02	2	1.114	A BB	590404.	120.000 UG/ML	1.37
37	142	2687	15:19	2	1.134	A BB	1207270.	120.000 UG/ML	1.37
38	237	2758	15:43	3	0.877	A BB	371592.	120.000 UG/ML	1.37
39	196	2817	16:03	3	0.896	A BV	364068.	120.000 UG/ML	1.37
40	196	2829	16:08	3	0.900	A VB	399476.	120.000 UG/ML	1.37
41	162	2900	16:32	3	0.922	A BB	1094630.	120.000 UG/ML	1.37
42	65	2956	16:51	3	0.940	A BB	414904.	120.000 UG/ML	1.37
43	163	3055	17:25	3	0.971	A BB	1129050.	120.000 UG/ML	1.37
44	152	3082	17:34	3	0.980	A BB	1629240.	120.000 UG/ML	1.37
45	165	3075	17:32	3	0.976	A BB	286104.	120.000 UG/ML	1.37
46	136	2956	16:51	3	0.940	A BB	386980.	120.000 UG/ML	1.37
47	153	3162	18:01	3	1.005	A BB	951508.	120.000 UG/ML	1.37
48	184	3188	18:10	3	1.014	A BB	161008.	120.000 UG/ML	1.37
49	109	3229	18:24	3	1.027	A BV	103728.	120.000 UG/ML	1.37
50	168	3240	18:28	3	1.030	A BB	1439640.	120.000 UG/ML	1.37

002087

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:23	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	13:29	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:55	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:41	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	28:28	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	32:03	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	7:20	1.00	0.454	1.08	120.00	120.00	0.991	0.991	1.00
8	9:39	1.00	0.946	0.99	120.00	120.00	1.505	1.505	1.00
9	11:45	1.00	0.864	1.01	120.00	120.00	0.440	0.440	1.00
10	16:17	1.00	0.907	1.00	120.00	120.00	1.230	1.230	1.00
11	19:56	1.00	0.917	1.00	120.00	120.00	0.152	0.152	1.00
12	25:52	1.00	0.906	1.00	120.00	120.00	1.714	1.714	1.00
13	9:41	1.01	0.950	0.98	120.00	120.00	1.510	1.510	1.00
14	9:52	1.00	0.957	0.99	120.00	120.00	1.301	1.301	1.00
15	9:53	1.00	0.948	1.00	120.00	120.00	1.097	1.097	1.00
16	10:15	1.00	0.983	1.00	120.00	120.00	1.293	1.293	1.00
17	10:26	1.00	1.006	1.00	120.00	120.00	1.294	1.294	1.00
18	10:46	1.00	1.043	0.99	120.00	120.00	1.257	1.257	1.00
19	10:48	1.00	1.069	0.97	120.00	120.00	0.827	0.827	1.00
20	11:07	1.00	1.102	0.97	120.00	120.00	1.237	1.237	1.00
21	11:30	1.00	1.154	0.96	120.00	120.00	1.182	1.182	1.00
22	11:10	1.00	1.096	0.98	120.00	120.00	1.507	1.507	1.00
23	11:29	1.00	1.158	0.96	120.00	120.00	1.061	1.061	1.00
24	11:35	1.00	1.129	0.99	120.00	120.00	0.575	0.575	1.00
25	11:48	1.00	0.869	1.01	120.00	120.00	0.403	0.403	1.00
26	12:25	1.00	0.927	1.00	120.00	120.00	0.735	0.735	1.00
27	12:34	1.00	0.929	1.00	120.00	120.00	0.202	0.202	1.00
28	12:47	1.00	0.961	0.99	120.00	120.00	0.344	0.344	1.00
29	13:10	1.01	1.032	0.96	120.00	120.00	0.130	0.130	1.00
30	13:02	1.00	0.977	0.99	120.00	120.00	0.516	0.516	1.00
31	13:22	1.00	0.992	1.00	120.00	120.00	0.320	0.320	1.00
32	13:11	1.00	0.986	0.99	120.00	120.00	0.309	0.309	1.00
33	13:32	1.00	1.006	1.00	120.00	120.00	0.937	0.937	1.00
34	13:44	1.00	1.025	0.99	120.00	120.00	0.472	0.472	1.00
35	13:54	1.00	1.036	0.99	120.00	120.00	0.173	0.173	1.00
36	15:01	1.00	1.141	0.98	120.00	120.00	0.319	0.319	1.00
37	15:18	1.00	1.150	0.99	120.00	120.00	0.653	0.653	1.00
38	15:43	1.00	0.868	1.01	120.00	120.00	0.376	0.376	1.00
39	16:02	1.00	0.893	1.00	120.00	120.00	0.369	0.369	1.00
40	16:06	1.00	0.898	1.00	120.00	120.00	0.364	0.364	1.00
41	16:30	1.00	0.918	1.00	120.00	120.00	1.108	1.108	1.00
42	16:49	1.00	0.943	1.00	120.00	120.00	0.420	0.420	1.00
43	17:23	1.00	0.980	0.99	120.00	120.00	1.143	1.143	1.00
44	17:33	1.00	0.978	1.00	120.00	120.00	1.649	1.649	1.00
45	17:30	1.00	0.986	0.99	120.00	120.00	0.290	0.290	1.00
46	16:49	1.00	0.943	1.00	120.00	120.00	0.392	0.392	1.00
47	18:00	1.00	1.007	1.00	120.00	120.00	0.963	0.963	1.00
48	18:09	1.00	1.024	0.99	120.00	120.00	0.163	0.163	1.00
49	18:22	1.00	1.045	0.98	120.00	120.00	0.105	0.105	1.00
50	18:27	1.00	1.035	1.00	120.00	120.00	1.457	1.457	1.00

Quantitation Report File: 12089305

Data: 12089305.TI

12/08/93 15:07:00

Sample: 120NG SV STD MIX 00813-37-120A

Conds:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532027-4 2-CHLOROACETOPHENONE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	3249	18:31	3	1.033	A BB	308196.	120.000 UG/ML	1.37
52	149	3374	19:14	3	1.073	A BB	1088820.	120.000 UG/ML	1.37
53	204	3405	19:25	3	1.083	A BB	596656.	120.000 UG/ML	1.37
54	166	3393	19:20	3	1.079	A BB	1057820.	120.000 UG/ML	1.37
55	138	3415	19:28	3	1.086	A BB	115830.	120.000 UG/ML	1.37
56	169	3462	19:44	3	1.101	A BB	800076.	120.000 UG/ML	1.37
57	198	3430	19:33	4	0.901	A BB	184656.	120.000 UG/ML	1.37
58	248	3622	20:39	4	0.951	A BB	327476.	120.000 UG/ML	1.37
59	264	3635	20:43	4	0.955	A BB	328932.	120.000 UG/ML	1.37
60	266	3726	21:14	4	0.979	A BB	192876.	120.000 UG/ML	1.37
61	178	3820	21:46	4	1.003	A BB	1237810.	120.000 UG/ML	1.37
62	178	3843	21:54	4	1.009	A BB	1344430.	120.000 UG/ML	1.37
63	149	4108	23:25	4	1.079	A BB	1463860.	120.000 UG/ML	1.37
64	202	4351	24:48	4	1.143	A BB	1051780.	120.000 UG/ML	1.37
65	202	4450	25:22	5	0.891	A BB	1019370.	120.000 UG/ML	1.37

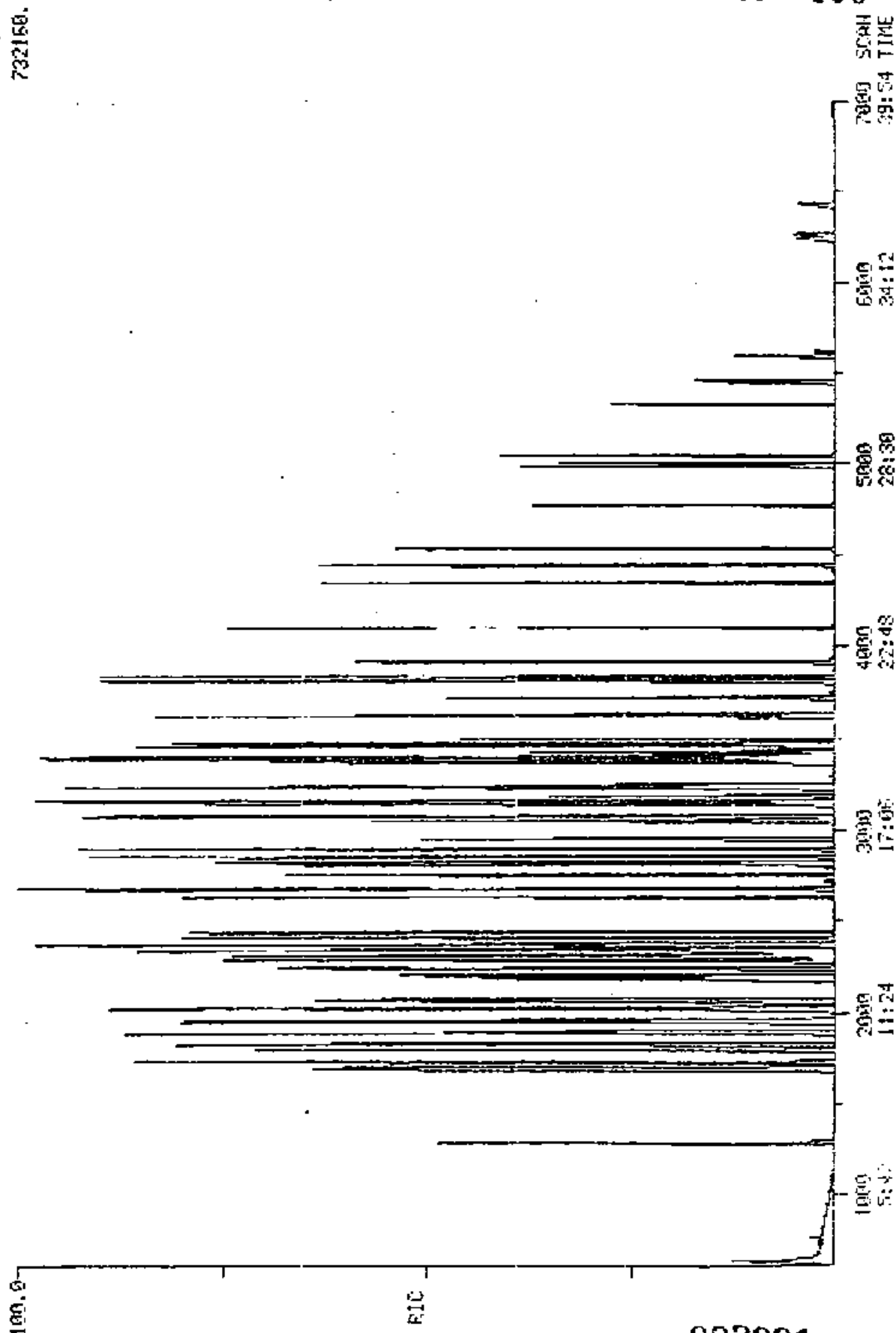
002089

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
66	149	4777	27:14	5	0.956	A BB	341412.	120.000 UG/ML	1.37
67	252	4992	28:27	5	0.999	A BB	67348.	120.000 UG/ML	1.37
68	228	4992	28:27	5	0.999	A BB	501378.	120.000 UG/ML	1.37
69	149	5049	28:47	5	1.011	A BB	390048.	120.000 UG/ML	1.37
70	228	5008	28:33	5	1.002	A BB	438996.	120.000 UG/ML	1.37
71	149	5331	30:23	6	0.948	A BB	468584.	120.000 UG/ML	1.37
72	252	5452	31:05	6	0.969	A BV	300856.	120.000 UG/ML	1.37
73	252	5464	31:09	6	0.972	A VB	273412.	120.000 UG/ML	1.37
74	252	5598	31:55	6	0.995	A BB	270024.	120.000 UG/ML	1.37
75	276	6247	35:36	6	1.111	A BB	135370.	120.000 UG/ML	1.37
76	278	6271	35:45	6	1.115	A BB	155156.	120.000 UG/ML	1.37
77	276	6433	36:40	6	1.144	A BB	138313.	120.000 UG/ML	1.37
78	NOT FOUND								

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	18:29	1.00	1.046	0.99	120.00	120.00	0.312	0.312	1.00
52	19:12	1.00	1.090	0.98	120.00	120.00	1.102	1.102	1.00
53	19:24	1.00	1.094	0.99	120.00	120.00	0.604	0.604	1.00
54	19:19	1.00	1.086	0.99	120.00	120.00	1.071	1.071	1.00
55	19:25	1.00	1.107	0.98	120.00	120.00	0.117	0.117	1.00
56	19:42	1.00	1.116	0.99	120.00	120.00	0.810	0.810	1.00
57	19:31	1.00	0.904	1.00	120.00	120.00	0.160	0.160	1.00
58	20:38	1.00	0.952	1.00	120.00	120.00	0.284	0.284	1.00
59	20:42	1.00	0.951	1.00	120.00	120.00	0.285	0.285	1.00
60	21:13	1.00	0.981	1.00	120.00	120.00	0.167	0.167	1.00
61	21:45	1.00	1.005	1.00	120.00	120.00	1.158	1.158	1.00
62	21:53	1.00	1.011	1.00	120.00	120.00	1.164	1.164	1.00
63	23:24	1.00	1.092	0.99	120.00	120.00	1.268	1.268	1.00
64	24:47	1.00	1.152	0.99	120.00	120.00	0.911	0.911	1.00
65	25:21	1.00	0.884	1.01	120.00	120.00	2.266	2.266	1.00
66	27:13	1.00	0.960	1.00	120.00	120.00	0.759	0.759	1.00
67	28:27	1.00	1.002	1.00	120.00	120.00	0.150	0.150	1.00
68	28:27	1.00	0.999	1.00	120.00	120.00	1.115	1.115	1.00
69	28:46	1.00	1.019	0.99	120.00	120.00	0.867	0.867	1.00
70	28:32	1.00	1.003	1.00	120.00	120.00	0.976	0.976	1.00
71	30:23	1.00	0.959	0.99	120.00	120.00	1.768	1.768	1.00
72	31:04	1.00	0.973	1.00	120.00	120.00	1.135	1.135	1.00
73	31:08	1.00	0.975	1.00	120.00	120.00	1.032	1.032	1.00
74	31:53	1.00	0.996	1.00	120.00	120.00	1.019	1.019	1.00
75	35:34	1.00	1.080	1.03	120.00	120.00	0.511	0.511	1.00
76	35:43	1.00	1.083	1.03	120.00	120.00	0.586	0.586	1.00
77	36:38	1.00	1.102	1.04	120.00	120.00	0.522	0.522	1.00
78	13:24		1.000						

RIC
 12/98/93 16:04:00 DATA: 12089306 #1 SCANS 620 TO 7000
 SAMPLE: 100MG SU STD MIX CALI: 12089306 #3
 COND5.: 00813-37-150A
 RANGE: C 1.7362 LABEL: H 0.4.0 QUAN: A 0.1.0 J 0 BASE: U 20. 3

732150.



002091

Quantitation Report File: 12089306

Data: 12089306.TI

12/08/93 16:04:00

Sample: 160NG SV STD MIX 00813-37-160A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-D8 **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	C550 367-12-4 2-FLUOROPHENOL **SU1**
8	C545 4165-62-2 PHENOL-D5 **SU2**
9	C520 4165-60-0 NITROBENZENE-D5 **SU3**
10	C525 321-60-8 2-FLUOROBIPHENYL **SU4**
11	C555 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	C530 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSD-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLORO-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002092

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1826	10:24	1	1.000	A BB	166656.	40.000 NG/UL	0.34
2	136	2370	13:31	2	1.000	A BB	609276.	40.000 NG/UL	0.34
3	164	3145	17:56	3	1.000	A BB	332386.	40.000 NG/UL	0.34
4	168	3807	21:42	4	1.000	A BB	364528.	40.000 NG/UL	0.34
5	240	4996	28:29	5	1.000	A BB	126268.	40.000 NG/UL	0.34
6	264	5623	32:03	6	1.000	A BB	74276.	40.000 UG/ML	0.34
7	112	1294	7:23	1	0.709	A BB	675523.	160.000 UG/ML	1.38
8	99	1705	9:43	1	0.934	A BB	984864.	160.000 UG/ML	1.38
9	82	2068	11:47	2	0.873	A BB	1057050.	160.000 UG/ML	1.38
10	172	2861	16:18	3	0.910	A BB	1560050.	160.000 UG/ML	1.38
11	330	3501	19:57	4	0.920	A BB	224180.	160.000 UG/ML	1.38
12	244	4540	25:53	5	0.909	A BB	857720.	160.000 UG/ML	1.38
13	94	1711	9:45	1	0.937	A BB	947180.	160.000 UG/ML	1.38
14	93	1739	9:55	1	0.952	A BB	843260.	160.000 UG/ML	1.38
15	128	1738	9:54	1	0.952	A BB	747284.	160.000 UG/ML	1.38
16	146	1800	10:16	1	0.986	A BB	863188.	160.000 UG/ML	1.38
17	146	1834	10:27	1	1.004	A BB	845608.	160.000 UG/ML	1.38
18	146	1894	10:48	1	1.037	A BB	828416.	160.000 UG/ML	1.38
19	108	1905	10:52	1	1.043	A BB	529584.	160.000 UG/ML	1.38
20	108	1956	11:09	1	1.071	A BB	811604.	160.000 UG/ML	1.38
21	108	2027	11:33	1	1.110	A VB	779412.	160.000 UG/ML	1.38
22	45	1964	11:12	1	1.076	A BV	1004540.	160.000 UG/ML	1.38
23	70	2023	11:32	1	1.108	M XX	697008.	160.000 UG/ML	1.38
24	117	2034	11:36	1	1.114	A BB	366952.	160.000 UG/ML	1.38
25	77	2078	11:51	2	0.877	A BB	975490.	160.000 UG/ML	1.38
26	82	2180	12:26	2	0.920	A BV	145536.	160.000 UG/ML	1.38
27	139	2212	12:37	2	0.933	A BB	501861.	160.000 UG/ML	1.38
28	107	2251	12:50	2	0.950	A BB	844708.	160.000 UG/ML	1.38
29	122	2347	13:23	2	0.990	A BB	251555.	160.000 UG/ML	1.38
30	93	2295	13:05	2	0.968	A VB	1113970.	160.000 UG/ML	1.38
31	180	2350	13:24	2	0.992	A BB	754096.	160.000 UG/ML	1.38
32	162	2320	13:13	2	0.979	A BB	762232.	160.000 UG/ML	1.38
33	128	2381	13:34	2	1.005	A BB	2166190.	160.000 UG/ML	1.38
34	127	2416	13:46	2	1.019	A BB	1142530.	160.000 UG/ML	1.38
35	225	2443	13:56	2	1.031	A BB	411740.	160.000 UG/ML	1.38
36	107	2640	15:03	2	1.114	A BB	767833.	160.000 UG/ML	1.38
37	142	2688	15:19	2	1.134	A BB	1544780.	160.000 UG/ML	1.38
38	237	2759	15:44	3	0.877	A BB	487484.	160.000 UG/ML	1.38
39	196	2818	16:04	3	0.896	A BV	520589.	160.000 UG/ML	1.38
40	196	2830	16:08	3	0.900	A VB	442620.	160.000 UG/ML	1.38
41	162	2901	16:32	3	0.922	A BB	1397240.	160.000 UG/ML	1.38
42	65	2958	16:52	3	0.941	A BB	565857.	160.000 UG/ML	1.38
43	163	3057	17:25	3	0.972	A BB	1505440.	160.000 UG/ML	1.38
44	152	3083	17:34	3	0.980	A BB	2116870.	160.000 UG/ML	1.38
45	165	3077	17:32	3	0.978	A BB	286774.	160.000 UG/ML	1.38
46	138	2958	16:52	3	0.941	A BB	526365.	160.000 UG/ML	1.38
47	152	3164	18:02	3	1.006	A BB	1179680.	160.000 UG/ML	1.38
48	184	3190	18:11	3	1.014	A BB	222524.	160.000 UG/ML	1.38
49	109	3232	18:25	3	1.028	A BV	142800.	160.000 UG/ML	1.38
50	168	3241	18:28	3	1.031	A BB	1897280.	160.000 UG/ML	1.38

002093

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:23	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	13:29	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:55	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:41	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	28:28	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	32:03	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	7:20	1.00	0.654	1.08	160.00	160.00	1.013	1.013	1.00
8	9:39	1.01	0.746	0.99	160.00	160.00	1.477	1.477	1.00
9	11:45	1.00	0.864	1.01	160.00	160.00	0.434	0.434	1.00
10	16:17	1.00	0.907	1.00	160.00	160.00	1.173	1.173	1.00
11	19:56	1.00	0.917	1.00	160.00	160.00	0.154	0.154	1.00
12	25:52	1.00	0.906	1.00	160.00	160.00	1.698	1.698	1.00
13	9:41	1.01	0.950	0.99	160.00	160.00	1.421	1.421	1.00
14	9:52	1.00	0.937	0.99	160.00	160.00	1.265	1.265	1.00
15	9:53	1.00	0.948	1.00	160.00	160.00	1.121	1.121	1.00
16	10:15	1.00	0.983	1.00	160.00	160.00	1.295	1.295	1.00
17	10:26	1.00	1.006	1.00	160.00	160.00	1.268	1.268	1.00
18	10:46	1.00	1.043	0.99	160.00	160.00	1.243	1.243	1.00
19	10:48	1.01	1.069	0.98	160.00	160.00	0.794	0.794	1.00
20	11:07	1.00	1.102	0.97	160.00	160.00	1.217	1.217	1.00
21	11:30	1.00	1.154	0.96	160.00	160.00	1.169	1.169	1.00
22	11:10	1.00	1.096	0.98	160.00	160.00	1.507	1.507	1.00
23	11:29	1.00	1.158	0.96	160.00	160.00	1.046	1.046	1.00
24	11:35	1.00	1.129	0.99	160.00	160.00	0.550	0.550	1.00
25	11:48	1.00	0.869	1.01	160.00	160.00	0.400	0.400	1.00
26	12:25	1.00	0.927	0.99	160.00	160.00	0.060	0.060	1.00
27	12:34	1.00	0.929	1.00	160.00	160.00	0.206	0.206	1.00
28	12:47	1.00	0.961	0.99	160.00	160.00	0.347	0.347	1.00
29	13:10	1.02	1.032	0.96	160.00	160.00	0.103	0.103	1.00
30	13:02	1.00	0.977	0.99	160.00	160.00	0.457	0.457	1.00
31	13:22	1.00	0.992	1.00	160.00	160.00	0.309	0.309	1.00
32	13:11	1.00	0.986	0.99	160.00	160.00	0.313	0.313	1.00
33	13:32	1.00	1.006	1.00	160.00	160.00	0.889	0.889	1.00
34	13:44	1.00	1.025	0.99	160.00	160.00	0.469	0.469	1.00
35	13:54	1.00	1.036	0.99	160.00	160.00	0.169	0.169	1.00
36	15:01	1.00	1.141	0.98	160.00	160.00	0.323	0.323	1.00
37	15:18	1.00	1.150	0.99	160.00	160.00	0.634	0.634	1.00
38	15:43	1.00	0.868	1.01	160.00	160.00	0.367	0.367	1.00
39	16:02	1.00	0.893	1.00	160.00	160.00	0.392	0.392	1.00
40	16:06	1.00	0.898	1.00	160.00	160.00	0.333	0.333	1.00
41	16:30	1.00	0.918	1.01	160.00	160.00	1.051	1.051	1.00
42	16:49	1.00	0.943	1.00	160.00	160.00	0.426	0.426	1.00
43	17:23	1.00	0.980	0.99	160.00	160.00	1.132	1.132	1.00
44	17:33	1.00	0.978	1.00	160.00	160.00	1.592	1.592	1.00
45	17:30	1.00	0.986	0.99	160.00	160.00	0.291	0.291	1.00
46	16:49	1.00	0.943	1.00	160.00	160.00	0.396	0.396	1.00
47	18:00	1.00	1.007	1.00	160.00	160.00	0.887	0.887	1.00
48	18:09	1.00	1.024	0.99	160.00	160.00	0.167	0.167	1.00
49	18:22	1.00	1.045	0.98	160.00	160.00	0.107	0.107	1.00
50	18:27	1.00	1.035	1.00	160.00	160.00	1.427	1.427	1.00

Quantitation Report File: 12089306

Data: 12089306.TI

12/08/93 16:04:00

Sample: 160NG SV STD MIX 00813-37-160A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532027-4 2-CHLOROACETOPHENONE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
51	165	3252	18:32	3	1.034	A BB	401600.	160.000 UG/ML	1.38
52	149	3376	19:15	3	1.073	A BB	1397120.	160.000 UG/ML	1.38
53	204	3407	19:25	3	1.083	A BB	766960.	160.000 UG/ML	1.38
54	166	3395	19:21	3	1.079	A BB	1368780.	160.000 UG/ML	1.38
55	138	3420	19:30	3	1.087	A BB	178463.	160.000 UG/ML	1.38
56	169	3465	19:45	3	1.102	A BB	993722.	160.000 UG/ML	1.38
57	198	3433	19:34	4	0.902	A VB	223040.	160.000 UG/ML	1.38
58	248	3623	20:39	4	0.952	A BV	421904.	160.000 UG/ML	1.38
59	284	3636	20:44	4	0.955	A BB	418488.	160.000 UG/ML	1.38
60	266	3727	21:15	4	0.979	A BE	250128.	160.000 UG/ML	1.38
61	178	3821	21:47	4	1.004	A BE	1640230.	160.000 UG/ML	1.38
62	178	3844	21:55	4	1.010	A BE	1631500.	160.000 UG/ML	1.38
63	149	4109	23:25	4	1.079	A BE	1703050.	160.000 UG/ML	1.38
64	202	4352	24:48	4	1.143	A BB	1228520.	160.000 UG/ML	1.38
65	202	4451	25:22	5	0.891	A BB	1200250.	160.000 UG/ML	1.38

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No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
66	149	4777	27:14	5	0.956	A BB	366640.	160.000 UG/ML	1.38
67	252	4993	28:28	5	0.999	A BB	78508.	160.000 UG/ML	1.38
68	228	4992	28:27	5	0.999	A BV	550391.	160.000 UG/ML	1.38
69	149	5049	28:47	5	1.011	A BB	427520.	160.000 UG/ML	1.38
70	228	5008	28:33	5	1.002	A BB	463192.	160.000 UG/ML	1.38
71	149	5331	30:23	6	0.948	A BB	553936.	160.000 UG/ML	1.38
72	252	5452	31:05	6	0.970	A BV	393314.	160.000 UG/ML	1.38
73	252	5465	31:09	6	0.972	A VB	287144.	160.000 UG/ML	1.38
74	252	5598	31:55	6	0.996	A BB	310768.	160.000 UG/ML	1.38
75	276	6247	35:36	6	1.111	A BB	139232.	160.000 UG/ML	1.38
76	278	6271	35:45	6	1.115	A BB	166297.	160.000 UG/ML	1.38
77	276	6435	36:41	6	1.144	A BB	141736.	160.000 UG/ML	1.38
78	NOT FOUND								

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	18:29	1.00	1.046	0.99	160.00	160.00	0.302	0.302	1.00
52	19:12	1.00	1.090	0.98	160.00	160.00	1.051	1.051	1.00
53	19:24	1.00	1.094	0.99	160.00	160.00	0.577	0.577	1.00
54	19:19	1.00	1.086	0.99	160.00	160.00	1.030	1.030	1.00
55	19:25	1.00	1.107	0.98	160.00	160.00	0.134	0.134	1.00
56	19:42	1.00	1.116	0.99	160.00	160.00	0.747	0.747	1.00
57	19:31	1.00	0.904	1.00	160.00	160.00	0.153	0.153	1.00
58	20:38	1.00	0.952	1.00	160.00	160.00	0.289	0.289	1.00
59	20:42	1.00	0.951	1.00	160.00	160.00	0.287	0.287	1.00
60	21:13	1.00	0.981	1.00	160.00	160.00	0.172	0.172	1.00
61	21:45	1.00	1.005	1.00	160.00	160.00	1.125	1.125	1.00
62	21:53	1.00	1.011	1.00	160.00	160.00	1.119	1.119	1.00
63	23:24	1.00	1.092	0.99	160.00	160.00	1.168	1.168	1.00
64	24:47	1.00	1.152	0.99	160.00	160.00	0.840	0.840	1.00
65	25:21	1.00	0.884	1.01	160.00	160.00	2.378	2.378	1.00
66	27:13	1.00	0.960	1.00	160.00	160.00	0.726	0.726	1.00
67	28:27	1.00	1.002	1.00	160.00	160.00	0.155	0.155	1.00
68	28:27	1.00	0.999	1.00	160.00	160.00	1.090	1.090	1.00
69	28:46	1.00	1.019	0.99	160.00	160.00	0.846	0.846	1.00
70	28:32	1.00	1.003	1.00	160.00	160.00	0.917	0.917	1.00
71	30:23	1.00	0.959	0.99	160.00	160.00	1.864	1.864	1.00
72	31:04	1.00	0.973	1.00	160.00	160.00	1.324	1.324	1.00
73	31:08	1.00	0.975	1.00	160.00	160.00	0.966	0.966	1.00
74	31:53	1.00	0.996	1.00	160.00	160.00	1.046	1.046	1.00
75	35:34	1.00	1.080	1.03	160.00	160.00	0.469	0.469	1.00
76	35:43	1.00	1.083	1.03	160.00	160.00	0.560	0.560	1.00
77	36:38	1.00	1.102	1.04	160.00	160.00	0.477	0.477	1.00
78	13:24		1.000						

Initial Calibration Data

Instrument Identifier: FINN

Calibration Date: 12/08/93

< = CALIBRATION CHECK COMPOUND, << = SYSTEM PERFOR

Compound	RF 20	RF 50	RF 80	RF 120	RF 160	Mean RF	ZRSD
C130 3835-82-1 1,4-DICHLOROB	1.000	1.000	1.000	1.000	1.000	1.000	0.000
C140 1146-65-2 NAPHTHALENE-DB	1.000	1.000	1.000	1.000	1.000	1.000	0.000
C150 15067-26-2 ACENAPHTHENE	1.000	1.000	1.000	1.000	1.000	1.000	0.000
C160 1517-22-2 PHENANTHRENE-	1.000	1.000	1.000	1.000	1.000	1.000	0.000
C170 1719-03-5 CHRYSENE-D10	1.000	1.000	1.000	1.000	1.000	1.000	0.000
C175 1520-96-3 PERYLENE-D12	1.000	1.000	1.000	1.000	1.000	1.000	0.000
CS50 367-12-4 2-FLUOROPHENOL	0.922	1.068	1.003	0.991	1.014	1.000	5.236
CS49 4165-62-2 PHENOL-DS **	1.370	1.613	1.524	1.505	1.478	1.498	5.842
CS20 4165-60-0 NITROBENZENE-	0.377	0.446	0.435	0.440	0.434	0.426	6.613
CS29 321-60-8 2-FLUOROBIPHEN	1.023	1.352	1.353	1.231	1.174	1.226	11.241
CS55 118-79-6 2,4,6-TRIBROMO	0.109	0.142	0.144	0.153	0.154	0.140	12.918
CS30 1718-51-0 TERPHENYL-D14	1.090	1.559	1.690	1.714	1.699	1.550	17.078
C319 108-95-2 PHENOL	1.531	1.784	1.585	1.511	1.421	1.567	8.635<
C325 111-44-4 BIS(2-CHLOROET	1.235	1.456	1.390	1.302	1.265	1.322	6.533
C330 95-57-8 2-CHLOROPHENOL	1.019	1.249	1.143	1.098	1.121	1.126	7.387
C335 541-73-1 1,3-DICHLOROB	1.104	1.391	1.292	1.294	1.295	1.275	8.199
C340 106-46-7 1,4-DICHLOROB	1.100	1.386	1.335	1.295	1.269	1.277	8.474
C350 95-50-1 1,2-DICHLOROBEN	1.054	1.324	1.301	1.257	1.243	1.236	8.649<
C345 100-91-6 BENZYL ALCOHOL	0.660	0.855	0.839	0.826	0.795	0.795	9.912
C355 95-48-7 2-METHYLPHENOL	0.955	1.225	1.221	1.238	1.218	1.172	10.337
C365 106-44-5 4-METHYLPHENOL	0.989	1.270	1.246	1.182	1.170	1.171	9.440
C360 39638-32-9 BIS(2-CHLORO	1.332	1.549	1.550	1.508	1.507	1.489	6.063
C370 621-64-7 N-NITROSO-DI-P	0.906	1.091	1.105	1.061	1.046	1.042<	7.635
C375 67-72-1 HEXACHLOROETHAN	0.492	0.628	0.623	0.576	0.551	0.574	9.746
C410 98-95-3 NITROBENZENE	0.363	0.421	0.408	0.404	0.401	0.399	5.468
C415 78-59-1 ISOPHORONE	0.668	0.769	0.772	0.736	0.660	0.601	50.778
C420 88-75-3 2-NITROPHENOL	0.154	0.193	0.198	0.202	0.206	0.191	11.198<
C425 105-67-9 2,4-DIMETHYLPH	0.269	0.340	0.339	0.345	0.347	0.328	10.066
C430 65-85-0 BENZOIC ACID	0.135	0.146	0.104	0.130	0.104	0.124	15.332
C435 111-91-1 BIS(2-CHLOROET	0.417	0.508	0.515	0.516	0.458	0.483	9.155
C445 120-82-1 1,2,4-TRICHLOR	0.245	0.315	0.315	0.321	0.310	0.301	10.496
C440 120-83-2 2,4-DICHLOROPH	0.228	0.288	0.306	0.309	0.313	0.289	12.319<
C450 91-20-3 NAPHTHALENE	0.786	0.992	0.978	0.938	0.889	0.917	8.981
C455 106-47-8 4-CHLOROANILIN	0.331	0.416	0.453	0.472	0.469	0.428	13.766
C460 87-68-3 HEXACHLOROBUTAD	0.147	0.185	0.173	0.174	0.169	0.169	8.223<
C465 59-50-7 4-CHLORO-3-METH	0.221	0.294	0.308	0.320	0.324	0.293	14.422<
C470 91-57-6 2-METHYLNAPHTHAL	0.492	0.661	0.681	0.653	0.634	0.624	12.112
C510 77-47-4 HEXACHLOROCYCLO	0.282	0.392	0.392	0.377	0.367	0.362<	12.757
C515 88-06-2 2,4,6-TRICHLORO	0.270	0.370	0.371	0.369	0.392	0.354	13.536<
C520 95-95-4 2,4,5-TRICHLORO	0.285	0.397	0.389	0.364	0.333	0.354	12.510
C525 91-58-7 2-CHLORONAPHTHAL	0.820	1.136	1.172	1.108	1.051	1.058	13.226
C530 88-74-4 2-NITROANILINE	0.321	0.423	0.436	0.420	0.426	0.405	11.762
C535 131-11-3 DIMETHYLPHTHAL	0.931	1.191	1.213	1.143	1.133	1.122	9.977
C540 305-95-8 ACENAPHTHYLENE	1.307	1.755	1.777	1.650	1.593	1.617	11.715
C542 604-20-2 2,6-DINITROTOL	0.155	0.270	0.281	0.290	0.291	0.264	10.449
C545 99-09-2 3-NITROANILINE	0.266	0.378	0.392	0.392	0.396	0.366	15.353
C550 83-32-9 ACENAPHTHENE	0.754	1.021	1.010	0.964	0.888	0.927	11.884<

002097

V. R. 12/11/93

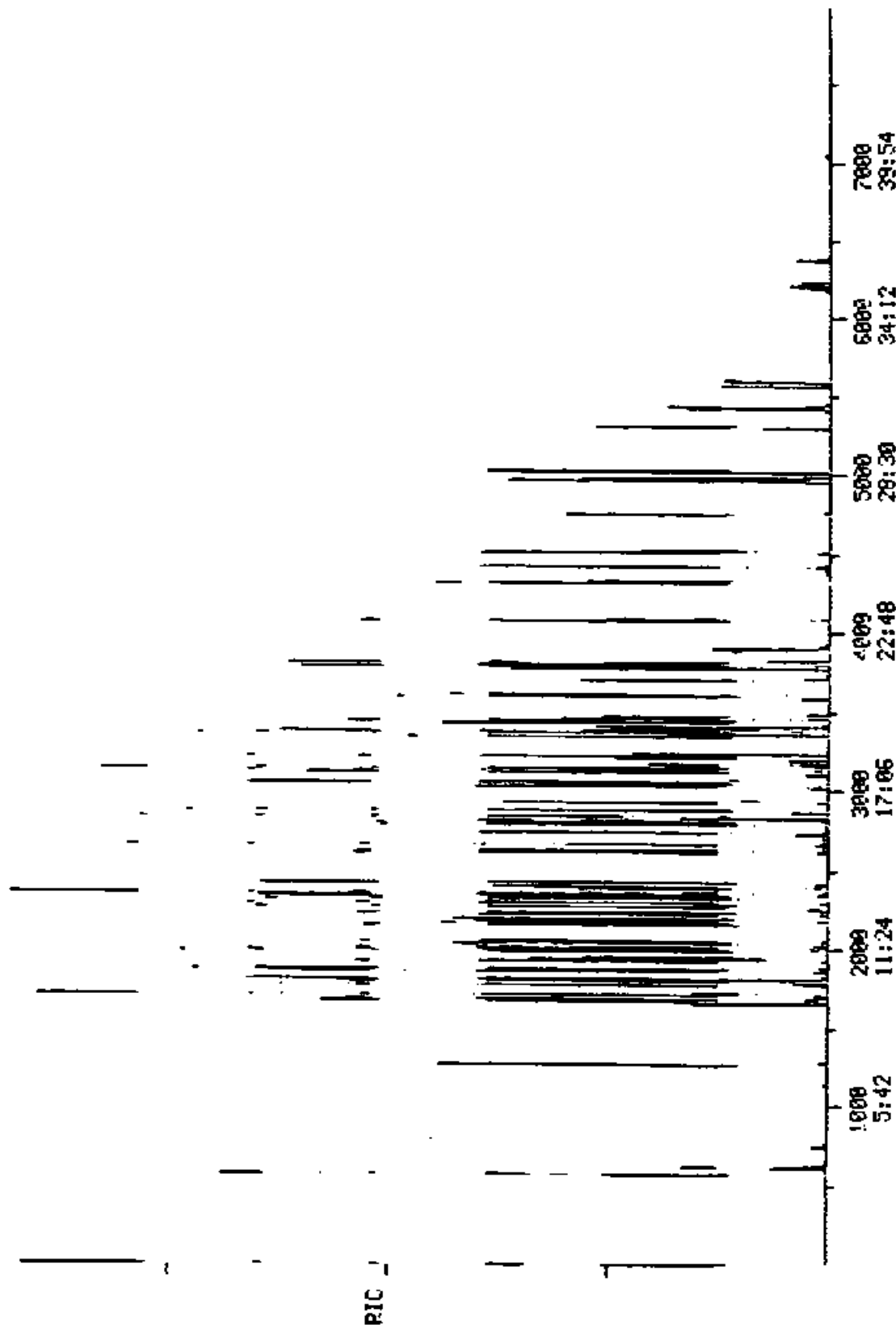
C555	51-28-5	2,4-DINITROPHEN	0.077	0.147	0.153	0.163	0.168	0.142	26.066
C560	100-02-7	4-NITROPHENOL	0.068	0.101	0.100	0.105	0.108	0.096	16.654
C565	132-64-9	DIBENZOFURAN	1.113	1.559	1.531	1.458	1.428	1.418	12.572
C570	121-14-2	2,4-DINITROTOL	0.229	0.315	0.313	0.312	0.303	0.294	12.603
C580	84-66-2	DIETHYLPHTHALAT	0.843	1.111	1.129	1.103	1.051	1.047	11.247
C585	7005-72-3	4-CHLOROPHENY	0.439	0.607	0.616	0.604	0.577	0.569	12.976
C590	86-73-7	FLUORENE	0.863	1.174	1.133	1.071	1.030	1.054	11.414
C595	100-01-6	4-NITROANILINE	0.088	0.095	0.126	0.118	0.135	0.112	17.613
C615	86-30-6	N-NITROSODIPHEN	0.578	0.813	0.791	0.810	0.748	0.748	13.202
C610	534-52-1	4,6-DINITRO-2-	0.092	0.143	0.146	0.160	0.153	0.139	19.377
C625	101-55-3	4-BROMOPHENYL-	0.192	0.292	0.266	0.284	0.290	0.257	15.348
C630	118-74-1	HEXACHLOROBENZ	0.217	0.275	0.278	0.285	0.288	0.269	10.835
C635	87-86-5	PENTACHLOROPHEN	0.094	0.145	0.153	0.168	0.172	0.146	21.417
C640	85-01-8	PHENANTHRENE	0.863	1.146	1.116	1.159	1.126	1.082	11.430
C645	120-12-7	ANTHRACENE	0.853	1.129	1.156	1.165	1.119	1.084	12.067
C650	84-74-2	DI-N-BUTYLPHTHA	0.931	1.248	1.271	1.268	1.169	1.177	12.219
C655	206-44-0	FLUORANTHENE	0.667	0.931	0.922	0.911	0.841	0.854	12.954
C715	129-00-0	PYRENE	1.518	1.991	2.241	2.266	2.378	2.079	16.549
C720	85-68-7	BUTYLBENZYLPHTH	0.523	0.691	0.712	0.759	0.726	0.683	13.529
C725	91-94-1	3,3'-DICHLOBO	0.157	0.115	0.146	0.150	0.156	0.145	11.875
C730	56-55-3	BENZO(A)ANTHRAC	0.863	1.077	1.158	1.115	1.090	1.061	10.813
C745	117-81-7	BIS(2-ETHYLHEX	0.592	0.784	0.809	0.868	0.847	0.780	14.110
C740	218-01-9	CHRYSENE	0.720	0.931	0.990	0.976	0.918	0.907	12.001
C760	117-84-0	DI-N-OCTYLPHTH	1.130	1.544	1.616	1.769	1.865	1.585	17.896
C765	205-99-2	BENZO(B)FLUORA	0.702	0.981	1.099	1.136	1.324	1.048	21.915
C770	207-08-9	BENZO(K)FLUORD	0.733	1.000	0.986	1.032	0.967	0.944	12.728
C775	50-32-8	BENZO(A)PYRENE	0.626	0.825	0.923	1.020	1.046	0.888	19.221
C780	193-39-5	INDENO(1,2,3-C	0.393	0.468	0.553	0.511	0.469	0.479	12.384
C785	53-70-3	DIBENZO(A,H)ANT	0.372	0.506	0.575	0.586	0.560	0.520	16.984
C790	191-24-2	BENZO(G,H,I)PE	0.412	0.539	0.588	0.522	0.478	0.508	13.144

✓ DOR 10/10/83

RIC
 12/18/93 11:56:00
 SAMPLE: SONG SU STD MIX
 COND.:
 RANGE: G 1.7982 LABEL: N 0. 4.0 BURN: A 0. 1.0 J 0 BASE: U 20. 3
 DATA: :2189382 #1
 CALL: 12189382 #3
 SCANS 1 TO 7982

392975.

100.0



002099

49 166
SCAN
TIME

Data: 12189302.TI

12/18/93 11:56:00

Sample: SONG SV STD MIX 00813-37-90A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	CI30 3895-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	CI40 1146-65-2 NAPHTHALENE-D8 **IS2**
3	CI50 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	CI60 1517-22-2 PHENANTHRENE-D10 **IS4**
5	CI70 1719-03-9 CHRYSENE-D10 **IS5**
6	CI75 1520-96-3 PERYLENE-D12 **IS6**
7	C850 367-12-4 2-FLUOROPHENOL **SU1**
8	C845 4165-62-2 PHENOL-D5 **SU2**
9	C820 4165-60-0 NITROBENZENE-D5 **SU3**
10	C825 321-60-8 2-FLUOROBIPHENYL **SU4**
11	C855 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**
12	C830 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 941-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBTADIENE
36	C465 99-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C545 606-20-2 2,6-DINITROLOUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002100

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1810	10:19	1	1.000	A BB	188492.	40.000 NG/UL	1.02
2	136	2353	13:25	2	1.000	A BB	630980.	40.000 NG/UL	1.02
3	164	3128	17:50	3	1.000	A BB	299244.	40.000 NG/UL	1.02
4	188	3789	21:36	4	1.000	A BB	346860.	40.000 NG/UL	1.02
5	240	4977	28:22	5	1.000	A BB	203272.	40.000 NG/UL	1.02
6	264	5601	31:56	6	1.000	A BB	159304.	40.000 UG/ML	1.02
7	112	1275	7:16	1	0.704	A BB	271371.	50.000 UG/ML	1.27
8	99	1683	9:36	1	0.930	A BB	375672.	50.000 UG/ML	1.27
9	82	2048	11:40	2	0.870	A BB	338968.	50.000 UG/ML	1.27
10	172	2842	16:12	3	0.909	A BB	519640.	50.000 UG/ML	1.27
11	330	3480	19:50	4	0.918	A BB	74732.	50.000 UG/ML	1.27
12	244	4521	25:46	5	0.908	A BB	331540.	50.000 UG/ML	1.27
13	94	1689	9:38	1	0.933	A BB	403284.	50.000 UG/ML	1.27
14	93	1719	9:48	1	0.950	A BB	339986.	50.000 UG/ML	1.27
15	128	1720	9:48	1	0.950	A BB	295348.	50.000 UG/ML	1.27
16	146	1783	10:10	1	0.985	A BB	329320.	50.000 UG/ML	1.27
17	146	1817	10:21	1	1.004	A BB	340616.	50.000 UG/ML	1.27
18	146	1876	10:42	1	1.036	A BB	317308.	50.000 UG/ML	1.27
19	108	1883	10:44	1	1.040	A BB	190076.	50.000 UG/ML	1.27
20	108	1937	11:02	1	1.070	A BB	268676.	50.000 UG/ML	1.27
21	108	2006	11:26	1	1.108	A BB	295236.	50.000 UG/ML	1.27
22	45	1947	11:06	1	1.076	A BV	350228.	50.000 UG/ML	1.27
23	70	2002	11:25	1	1.106	A BB	260004.	50.000 UG/ML	1.27
24	117	2018	11:30	1	1.115	A BB	148944.	50.000 UG/ML	1.27
25	77	2056	11:43	2	0.874	A BB	329088.	50.000 UG/ML	1.27
26	82	2166	12:21	2	0.921	A BB	992704.	50.000 UG/ML	1.27
27	139	2192	12:30	2	0.932	A BB	149808.	50.000 UG/ML	1.27
28	107	2232	12:43	2	0.949	A BB	236616.	50.000 UG/ML	1.27
29	122	2300	13:07	2	0.977	A BB	64638.	50.000 UG/ML	1.27
30	93	2275	12:58	2	0.967	A BB	382944.	50.000 UG/ML	1.27
31	180	2332	13:18	2	0.991	A BB	258104.	50.000 UG/ML	1.27
32	162	2299	13:06	2	0.977	A BB	236212.	50.000 UG/ML	1.27
33	128	2362	13:28	2	1.004	A BB	794364.	50.000 UG/ML	1.27
34	127	2397	13:40	2	1.019	A BB	261832.	50.000 UG/ML	1.27
35	229	2426	13:50	2	1.031	A BB	162232.	50.000 UG/ML	1.27
36	107	2623	14:57	2	1.115	A BB	218300.	50.000 UG/ML	1.27
37	142	2670	15:13	2	1.135	A BB	514080.	50.000 UG/ML	1.27
38	237	2742	15:38	3	0.877	A BB	165404.	50.000 UG/ML	1.27
39	196	2800	15:58	3	0.895	A BV	144096.	50.000 UG/ML	1.27
40	196	2812	16:02	3	0.899	A VB	155892.	50.000 UG/ML	1.27
41	162	2882	16:26	3	0.921	A BB	436036.	50.000 UG/ML	1.27
42	69	2938	16:45	3	0.939	A BB	152596.	50.000 UG/ML	1.27
43	163	3036	17:18	3	0.971	A BB	438564.	50.000 UG/ML	1.27
44	152	3063	17:28	3	0.979	A BB	626984.	50.000 UG/ML	1.27
45	165	3055	17:25	3	0.977	A BB	97444.	50.000 UG/ML	1.27
46	138	2938	16:45	3	0.939	A BB	130400.	50.000 UG/ML	1.27
47	153	3143	17:55	3	1.005	A BB	379356.	50.000 UG/ML	1.27
48	184	3169	18:04	3	1.013	A BB	55672.	50.000 UG/ML	1.27
49	109	3211	18:18	3	1.027	A BV	35768.	50.000 UG/ML	1.27
50	168	3222	18:22	3	1.030	A BB	548756.	50.000 UG/ML	1.27

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:17	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	13:25	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:50	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:36	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	28:22	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	31:56	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	7:16	1.00	0.704	1.00	30.00	50.00	1.152	1.152	1.00
8	9:36	1.00	0.930	1.00	30.00	50.00	1.594	1.594	1.00
9	11:40	1.00	0.870	1.00	30.00	50.00	0.430	0.430	1.00
10	16:12	1.00	0.909	1.00	30.00	50.00	1.389	1.389	1.00
11	19:50	1.00	0.918	1.00	30.00	50.00	0.172	0.172	1.00
12	23:46	1.00	0.908	1.00	30.00	50.00	1.303	1.303	1.00
13	9:38	1.00	0.933	1.00	30.00	50.00	1.712	1.712	1.00
14	9:48	1.00	0.950	1.00	30.00	50.00	1.443	1.443	1.00
15	9:48	1.00	0.950	1.00	30.00	50.00	1.254	1.254	1.00
16	10:10	1.00	0.985	1.00	30.00	50.00	1.398	1.398	1.00
17	10:21	1.00	1.004	1.00	30.00	50.00	1.446	1.446	1.00
18	10:42	1.00	1.036	1.00	30.00	50.00	1.347	1.347	1.00
19	10:44	1.00	1.040	1.00	30.00	50.00	0.807	0.807	1.00
20	11:02	1.00	1.070	1.00	30.00	50.00	1.140	1.140	1.00
21	11:26	1.00	1.108	1.00	30.00	50.00	1.253	1.253	1.00
22	11:06	1.00	1.076	1.00	30.00	50.00	1.486	1.486	1.00
23	11:25	1.00	1.106	1.00	30.00	50.00	1.104	1.104	1.00
24	11:30	1.00	1.115	1.00	30.00	50.00	0.632	0.632	1.00
25	11:43	1.00	0.874	1.00	30.00	50.00	0.417	0.417	1.00
26	12:21	1.00	0.921	1.00	30.00	50.00	0.751	0.751	1.00
27	12:30	1.00	0.932	1.00	30.00	50.00	0.190	0.190	1.00
28	12:43	1.00	0.949	1.00	30.00	50.00	0.300	0.300	1.00
29	13:07	1.00	0.977	1.00	30.00	50.00	0.082	0.082	1.00
30	12:58	1.00	0.967	1.00	30.00	50.00	0.486	0.486	1.00
31	13:18	1.00	0.991	1.00	30.00	50.00	0.327	0.327	1.00
32	13:06	1.00	0.977	1.00	30.00	50.00	0.299	0.299	1.00
33	13:28	1.00	1.004	1.00	30.00	50.00	1.007	1.007	1.00
34	13:40	1.00	1.019	1.00	30.00	50.00	0.332	0.332	1.00
35	13:50	1.00	1.031	1.00	30.00	50.00	0.206	0.206	1.00
36	14:57	1.00	1.115	1.00	30.00	50.00	0.277	0.277	1.00
37	15:13	1.00	1.135	1.00	30.00	50.00	0.652	0.652	1.00
38	15:38	1.00	0.877	1.00	30.00	50.00	0.442	0.442	1.00
39	15:58	1.00	0.895	1.00	30.00	50.00	0.385	0.385	1.00
40	16:02	1.00	0.899	1.00	30.00	50.00	0.417	0.417	1.00
41	16:26	1.00	0.921	1.00	30.00	50.00	1.166	1.166	1.00
42	16:45	1.00	0.939	1.00	30.00	50.00	0.408	0.408	1.00
43	17:18	1.00	0.971	1.00	30.00	50.00	1.172	1.172	1.00
44	17:28	1.00	0.979	1.00	30.00	50.00	1.676	1.676	1.00
45	17:25	1.00	0.977	1.00	30.00	50.00	0.261	0.261	1.00
46	16:45	1.00	0.939	1.00	30.00	50.00	0.349	0.349	1.00
47	17:55	1.00	1.005	1.00	30.00	50.00	1.014	1.014	1.00
48	18:04	1.00	1.013	1.00	30.00	50.00	0.149	0.149	1.00
49	18:18	1.00	1.027	1.00	30.00	50.00	0.096	0.096	1.00
50	18:22	1.00	1.030	1.00	30.00	50.00	1.467	1.467	1.00

Quantitation Report File: 12189302

Data: 12189302.TI

12/18/93 11:56:00

Sample: 50NG SV STD MIX 00813-37-50A

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
 Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
79	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 532-27-4 2-CHLORACETOPHENONE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	3230	18:25	3	1.033	A BB	106908.	50.000 UG/ML	1.27
52	149	3355	19:07	3	1.073	A BB	404744.	50.000 UG/ML	1.27
53	204	3388	19:19	3	1.083	A BB	225204.	50.000 UG/ML	1.27
54	166	3374	19:14	3	1.079	A BB	427260.	50.000 UG/ML	1.27
55	138	3392	19:20	3	1.084	A BV	28860.	50.000 UG/ML	1.27
56	169	3443	19:38	3	1.101	A BB	236716.	50.000 UG/ML	1.27
57	198	3409	19:26	4	0.900	A BB	68096.	50.000 UG/ML	1.27
58	248	3604	20:33	4	0.951	A BB	122184.	50.000 UG/ML	1.27
59	284	3616	20:37	4	0.954	A BB	140908.	50.000 UG/ML	1.27
60	266	3708	21:08	4	0.979	A BB	76064.	50.000 UG/ML	1.27
61	178	3800	21:40	4	1.003	A BB	507588.	50.000 UG/ML	1.27
62	178	3823	21:47	4	1.009	A BB	495188.	50.000 UG/ML	1.27

002103

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
63	149	4091	23:19	4	1.080	A BB	563164.	50.000 UG/ML	1.27
64	202	4332	24:42	4	1.143	A BB	419772.	50.000 UG/ML	1.27
65	202	4430	25:15	5	0.890	A BB	418212.	50.000 UG/ML	1.27
66	149	4759	27:08	5	0.956	A BB	153264.	50.000 UG/ML	1.27
67	252	4976	28:22	5	1.000	A BB	21792.	50.000 UG/ML	1.27
68	228	4974	28:21	5	0.999	A BV	269834.	50.000 UG/ML	1.27
69	149	5031	28:41	5	1.011	A BB	201896.	50.000 UG/ML	1.27
70	228	4988	28:26	5	1.002	A BB	242055.	50.000 UG/ML	1.27
71	149	5313	30:17	6	0.949	A BB	265028.	50.000 UG/ML	1.27
72	252	5430	30:57	6	0.969	A BV	194222.	50.000 UG/ML	1.27
73	252	5443	31:02	6	0.972	A VB	185928.	50.000 UG/ML	1.27
74	252	5574	31:46	6	0.995	A BB	158832.	50.000 UG/ML	1.27
75	276	6206	35:22	6	1.108	A BB	104180.	50.000 UG/ML	1.27
76	278	6231	35:31	6	1.112	A BB	109656.	50.000 UG/ML	1.27
77	276	6388	36:25	6	1.141	A BB	107184.	50.000 UG/ML	1.27
78	42	627	3:34	1	0.346	A BB	143676.	48.150 UG/ML	1.23
79	77	3458	19:43	3	1.105	A VB	439076.	50.257 UG/L	1.28
80	184	3740	21:19	5	0.751	A BB	2816.	41.360 UG/L	1.05
81	NOT FOUND								

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
51	18:25	1.00	1.033	1.00	50.00	50.00	0.286	0.286	1.00
52	19:07	1.00	1.073	1.00	50.00	50.00	1.082	1.082	1.00
53	19:19	1.00	1.083	1.00	50.00	50.00	0.602	0.602	1.00
54	19:14	1.00	1.079	1.00	50.00	50.00	1.142	1.142	1.00
55	19:20	1.00	1.084	1.00	50.00	50.00	0.077	0.077	1.00
56	19:38	1.00	1.101	1.00	50.00	50.00	0.633	0.633	1.00
57	19:26	1.00	0.900	1.00	50.00	50.00	0.157	0.157	1.00
58	20:33	1.00	0.951	1.00	50.00	50.00	0.282	0.282	1.00
59	20:37	1.00	0.954	1.00	50.00	50.00	0.325	0.325	1.00
60	21:08	1.00	0.979	1.00	50.00	50.00	0.175	0.175	1.00
61	21:40	1.00	1.003	1.00	50.00	50.00	1.171	1.171	1.00
62	21:47	1.00	1.009	1.00	50.00	50.00	1.142	1.142	1.00
63	23:19	1.00	1.080	1.00	50.00	50.00	1.299	1.299	1.00
64	24:42	1.00	1.143	1.00	50.00	50.00	0.968	0.968	1.00
65	25:15	1.00	0.890	1.00	50.00	50.00	1.646	1.646	1.00
66	27:08	1.00	0.956	1.00	50.00	50.00	0.603	0.603	1.00
67	28:22	1.00	1.000	1.00	50.00	50.00	0.086	0.086	1.00
68	28:21	1.00	0.999	1.00	50.00	50.00	1.062	1.062	1.00
69	28:41	1.00	1.011	1.00	50.00	50.00	0.795	0.795	1.00
70	28:26	1.00	1.002	1.00	50.00	50.00	0.953	0.953	1.00
71	30:17	1.00	0.949	1.00	50.00	50.00	1.331	1.331	1.00
72	30:57	1.00	0.969	1.00	50.00	50.00	0.975	0.975	1.00
73	31:02	1.00	0.972	1.00	50.00	50.00	0.934	0.934	1.00
74	31:46	1.00	0.995	1.00	50.00	50.00	0.798	0.798	1.00
75	35:22	1.00	1.108	1.00	50.00	50.00	0.523	0.523	1.00
76	35:31	1.00	1.112	1.00	50.00	50.00	0.552	0.552	1.00
77	36:25	1.00	1.141	1.00	50.00	50.00	0.538	0.538	1.00
78	3:35	1.00	0.347	1.00	48.15	50.00	0.610	0.633	0.96
79	19:44	1.00	1.105	1.00	50.26	50.00	1.176	1.170	1.01
80	21:20	1.00	0.752	1.00	41.36	50.00	0.011	0.013	0.83
81	15:03		1.116						

28 DEC 93



NO.	DESC:SU	NUMBER OF ENTRIES: 20	CURRENT INDEX: 9	VIAL	FILE	SAMPLE
1				2	0:12209302	50NG SU STD MIX 00813-37-50A
2				3	0:12209303	87NG 2-CHLOROACETOPHENONE
3				10	0:12209304	NR#1123#1 SUR#50#100
4				11	0:12209305	NR#1123#1 SUR#50#100
5				12	0:12209306	SP1#123#1 SUR#50#100 TAR#50#100
6				13	0:12209307	COOHT#5 SUR#50#100
7				1	0:12209308	50NG DTTP
8				2	0:12209309	50NG SU STD MIX 00813-37-50A
9				3	0:12209310	87NG 2-CHLOROACETOPHENONE
10				14	0:12209311	COOHT#15 SUR#50#100
11				15	0:12209312	SP#1#COOHT#15 SUR#50#100
12				15	0:12209313	COOHT#19 SUR#50#100
13				17	0:12209314	COOHT#20 SUR#50#100
14				18	0:12209315	COOHT#21 SUR#50#100
15				19	0:12209316	COOHT#28 SUR#50#100
16				20	0:12209317	COOHT#30 SUR#50#100
17				21	0:12209318	COOHT#32 SUR#50#100
18				22	0:12209319	COOHT#33 SUR#50#100
19				23	0:12209320	COOHT#34 SUR#50#100
20				24	0:12209321	COOHT#40 SUR#50#100

002105

Calibration Check

Instrument Identifier: FINN

Calibration Date: 12/02/93

Standard File: 12189302

Date: 12/18/93 Time: 11:56:00

< = CALIBRATION CHECK COMPOUND, << = SYSTEM PERFOR

Compound	Mean RF(I)	RF(O)	Z D
C530 367-12-4 2-FLUOROPHENOL	1.000	1.132	13.262
C545 4169-62-2 PHENOL-D5 **	1.498	1.595	6.467
C520 4169-60-0 NITROBENZENE-	0.423	0.430	0.908
C525 321-60-8 2-FLUOROBIPHEN	1.226	1.390	13.318
C555 118-79-6 2,4,6-TRIBROMO	0.140	0.173	23.064
C530 1718-51-0 TERPHENYL-D14	1.550	1.305	15.802
C315 108-95-2 PHENOL	1.567	1.712	9.292 <
C325 111-44-4 BIS(2-CHLOROET	1.322	1.443	9.223
C330 95-57-8 2-CHLOROPHENOL	1.126	1.254	11.356
C335 541-73-1 1,3-DICHLOROBEN	1.275	1.398	9.642
C340 106-46-7 1,4-DICHLOROBEN	1.277	1.446	13.248 <
C350 95-50-1 1,2-DICHLOROBEN	1.236	1.347	9.015
C345 100-51-6 BENZYL ALCOHOL	0.795	0.807	1.511
C355 95-48-7 2-METHYLPHENOL	1.172	1.141	2.620
C365 106-44-5 4-METHYLPHENOL	1.171	1.254	7.007
C360 39638-32-9 BIS(C-CHLORO	1.489	1.487	0.156
C370 621-64-7 N-NITROSO-DI-P	1.042	1.104	5.972 <<
C375 67-72-1 HEXACHLOROETHAN	0.574	0.633	10.226
C410 98-95-3 NITROBENZENE	0.399	0.418	4.568
C415 78-59-1 ISOPHORONE	0.601	0.752	25.109
C420 88-75-5 2-NITROPHENOL	0.191	0.190	0.107 <
C425 103-67-9 2,4-DIMETHYLPH	0.328	0.300	8.406
C430 65-85-0 BENZOIC ACID	0.124	0.082	33.328
C435 111-91-1 BIS(2-CHLOROET	0.483	0.486	0.697
C445 120-82-1 1,2,4-TRICHLOR	0.301	0.328	8.743
C440 120-83-2 2,4-DICHLOROPH	0.289	0.300	3.822 <
C450 91-20-3 NAPHTHALENE	0.917	1.008	9.878
C455 106-47-8 4-CHLOROANILIN	0.428	0.332	22.384
C460 87-68-3 HEXACHLOROBUTAD	0.169	0.206	21.654 <
C465 59-50-7 4-CHLOROR-3-MTEH	0.293	0.277	3.439 <
C470 91-57-6 2-METHYLNAPHTHAL	0.624	0.652	4.477
C510 77-47-4 HEXACHLOROCYCLO	0.362	0.443	22.334 <<
C515 88-06-2 2,4,6-TRICHLORO	0.354	0.386	8.831 <
C520 95-95-4 2,4,5-TRICHLORO	0.354	0.417	17.707
C525 91-58-7 2-CHLORONAPHTHAL	1.058	1.166	10.255
C530 88-74-4 2-NITROANILINE	0.405	0.408	0.801
C535 131-11-3 DIMETHYLPHTHAL	1.122	1.173	4.523
C540 208-96-8 ACENAPHTHYLENE	1.617	1.677	3.691
C543 606-20-2 2,6-DINITROTOL	0.264	0.261	1.227
C545 99-09-2 3-NITROANILINE	0.366	0.349	4.581
C550 83-32-9 ACENAPHTHENE	0.927	1.015	9.448 <
C555 51-28-5 2,4-DINITROPHEN	0.142	0.149	3.333 <<
C560 100-02-7 4-NITROPHENOL	0.096	0.096	0.377 <<
C565 132-64-9 DIBENZOFURAN	1.418	1.468	3.522
C570 121-14-2 2,4-DINITROTOL	0.294	0.286	2.764
C580 84-66-2 DIETHYLPHTHALAT	1.047	1.083	3.354
C585 7009-72-3 4-CHLOROPHENY	0.569	0.603	5.936

C590	86-73-7	FLUORENE	1.054	1.143	8.378	
C595	100-01-6	4-NITROANILINE	0.112	0.078	30.872	
C615	86-30-6	N-NITROSODIPHEN	0.748	0.633	15.323	<
C610	534-52-1	4,6-DINITRO-2-	0.137	0.158	13.381	
C625	101-55-3	4-BROMOPHENYL-	0.257	0.282	9.947	
C630	118-74-1	HEXACHLOROBENZ	0.267	0.325	21.123	
C635	87-86-5	PENTACHLOROPHEN	0.146	0.176	20.298	<
C640	85-01-8	PHENANTHRENE	1.062	1.171	8.260	
C645	120-12-7	ANTHRACENE	1.084	1.143	5.364	
C650	84-74-2	DI-N-BUTYLPHTHA	1.177	1.299	10.385	
C655	206-44-0	FLUORANTHENE	0.854	0.969	13.387	<
C715	129-00-0	PYRENE	2.079	1.646	20.806	
C720	85-68-7	BUTYLBENZYLPHTH	0.683	0.604	11.555	
C725	91-94-1	3,3'-DICHLOROB	0.145	0.086	40.520	
C730	56-55-3	BENZO(A)ANTHRAC	1.061	1.062	0.172	
C745	117-81-7	BIS(2-ETHYLHEX	0.780	0.795	1.946	
C740	218-01-9	CHRYSENE	0.907	0.953	5.086	
C760	117-84-0	DI-N-OCTYLPHTH	1.585	1.331	15.982	<
C765	205-99-2	BENZO(B)FLUORA	1.043	0.976	6.922	
C770	207-08-9	BENZO(K)FLUORO	0.944	0.934	1.009	
C775	50-32-8	BENZO(A)PYRENE	0.888	0.798	10.105	<
C780	193-39-5	INDENO(1,2,3-C	0.477	0.524	9.356	
C785	93-70-3	DIBENZO(A,H)ANT	0.520	0.552	6.217	
C790	191-24-2	BENZO(G,H,I)PE	0.508	0.539	6.112	

RIC
 12/18/93 12:58:08
 SAMPLE: 87MG 2-CHLORODETOPHENONE
 CONDS.:
 RANGE: G 1.7582 LABEL: N 0, 4.0 QUAN: A 0, 1.9 J 0 BASE: U 20, 3
 DATA: 12189383 #1 SCANS 600 TO 7000
 CALL: FC43128893 #3

421376.

100.0-

RIC

002108

49 175

7000 SCAN
39:54 TIME

6000
34:12

5000
28:30

4000
22:48

3000
17:05

2000
11:24

1000
5:42

Quantitation Report File: 12189303

Data: 12189303.TI

12/18/93 12:50:00

Sample: 87NG 2-CHLOROACETOPHENONE

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No Name

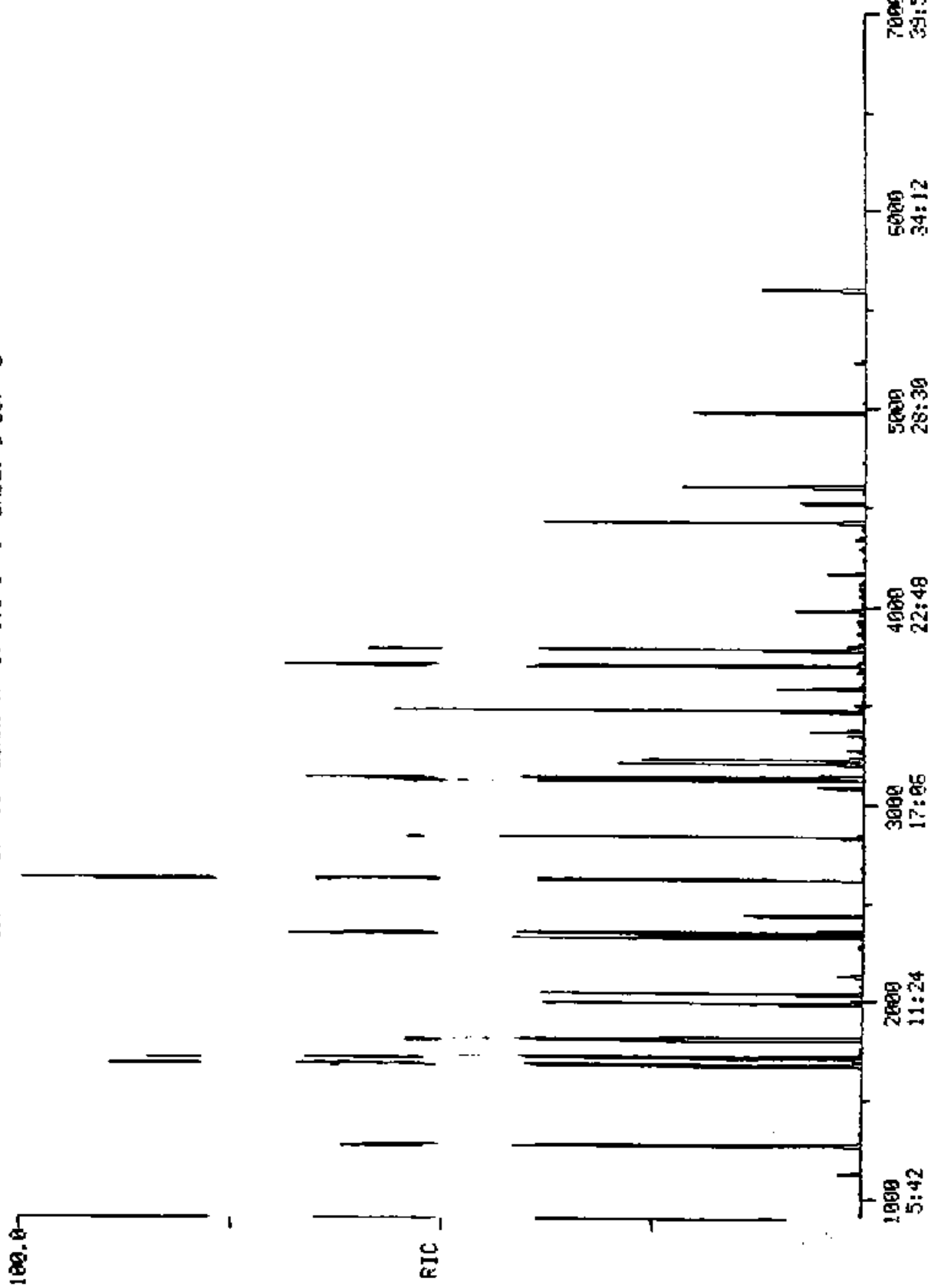
- 1 C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
- 2 C140 1146-65-2 NAPHTHALENE-D8 **IS2**
- 3 C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
- 4 C160 1517-22-2 PHENANTHRENE-D10 **IS4**
- 5 C170 1719-03-5 CHRYSENE-D10 **IS5**
- 6 C175 1520-96-3 PERYLENE-D12 **IS6**
- 7 CXXX 532-27-4 2-CHLOROACETOPHENONE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
1	152	1809	10:19	1	1.000	A BB	240196.	40.000 NG/UL	12.23
2	136	2351	13:24	2	1.000	A BB	722716.	40.000 NG/UL	12.23
3	164	3128	17:50	3	1.000	A BB	365968.	40.000 NG/UL	12.23
4	188	3789	21:36	4	1.000	A BB	363480.	40.000 NG/UL	12.23
5	240	4976	28:22	5	1.000	A BB	104664.	40.000 NG/UL	12.23
6	264	5600	31:55	6	1.000	A BB	95724.	40.000 UG/ML	12.23
7	105	2626	14:58	2	1.117	A BB	919266.	87.000 UG/L	26.61

No	Ret(L)	Ratio	RRT(L)	Ratio	Amnt	Amnt(L)	R. Fac	R. Fac(L)	Ratio
1	10:19	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
2	13:25	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
3	17:51	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
4	21:37	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
5	28:23	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
6	31:57	1.00	1.000	1.00	40.00	40.00	1.000	1.000	1.00
7	15:03	1.00	1.116	1.00	87.00	87.00	0.585	0.585	1.00

RIC
 12/18/93 16:38:00 DATA: 12189307 #1 SCANS 900 TO 7000
 CALI: 12189307 #3
 SAMPLE: SPM1XCDMTW822 SURX50X100 TARX50X100
 CONDS.:
 RANGE: G 1.7982 LABEL: N 0. 4.0 QUAN: A 0. 1.0 J 0 BASE: U 20. 3

353008.



002110

Quantitation Report File: 12189307

Data: 12189307.T1

12/18/93 16:38:00

Sample: SPM1*CDDMTWB22 SUR*50*100 (AR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLORO BENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-DB **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLORO BENZENE
17	C340 106-46-7 1,4-DICHLORO BENZENE
18	C350 95-50-1 1,2-DICHLORO BENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLORO BENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002111

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1810	10:19	1	1.000	A BB	162508.	40.000 NG/UL	3.19
2	136	2352	13:24	2	1.000	A BB	558708.	40.000 NG/UL	3.19
3	164	3128	17:50	3	1.000	A BB	285904.	40.000 NG/UL	3.19
4	188	3789	21:36	4	1.000	A BB	372304.	40.000 NG/UL	3.19
5	240	4977	28:22	5	1.000	A BB	175792.	40.000 NG/UL	3.19
6	264	5603	31:56	6	1.000	A BB	169632.	40.000 UG/ML	3.19
7	112	1277	7:17	1	0.706	A BB	363238.	69.121 UG/ML	5.51
8	99	1684	9:36	1	0.930	A BB	492708.	67.727 UG/ML	5.40
9	82	2047	11:40	2	0.870	A BB	238752.	39.773 UG/ML	3.17
10	172	2842	16:12	3	0.909	A BB	340956.	34.338 UG/ML	2.74
11	330	3480	19:50	4	0.918	A BB	143116.	89.209 UG/ML	7.12
12	244	4522	25:47	5	0.909	A BB	79472.	13.859 UG/ML	1.11
13	94	1690	9:38	1	0.934	A BB	578252.	74.044 UG/ML	5.91
14	NOT FOUND								
15	128	1721	9:49	1	0.951	A BB	489672.	85.616 UG/ML	6.83
16	NOT FOUND								
17	146	1817	10:21	1	1.004	A BB	211892.	32.124 UG/ML	2.56
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	70	1999	11:24	1	1.104	A BB	166688.	33.106 UG/ML	2.64
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	180	2332	13:18	2	0.991	A BB	157724.	34.507 UG/ML	2.75
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	107	2625	14:58	2	1.116	A BB	392260.	101.466 UG/ML	8.10
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	153	3142	17:55	3	1.004	A BB	303000.	41.799 UG/ML	3.33
48	NOT FOUND								
49	109	3212	18:19	3	1.027	A BB	57372.	83.942 UG/ML	6.70
50	NOT FOUND								

002112

Quantitation Report File: 12189307

Data: 12189307.T1

12/18/93 16:38:00

Sample: SPM1*CDDMTWB22 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
 Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C589 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C629 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 89-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
79	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 532-27-4 2-CHLORACETOPHENONE

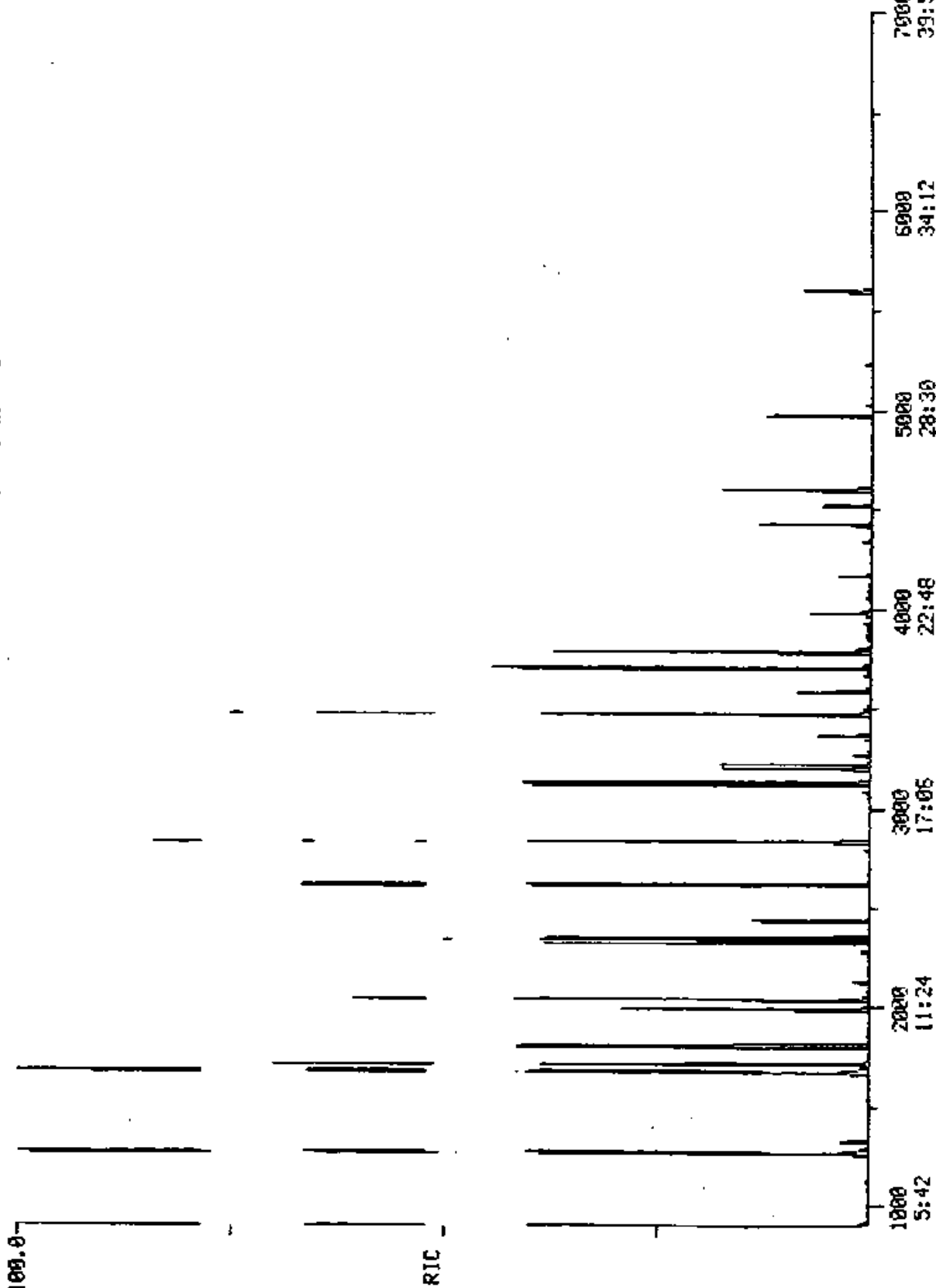
No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	2Tot
51	165	3229	18:24	3	1.032	A 88	96716.	47.344 UG/ML	3.78
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	266	3709	21:08	4	0.979	A 88	189092.	115.803 UG/ML	9.24
61	NOT FOUND								
62	NOT FOUND								

002113

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	149	4090	23:19	4	1.079	A BB	1056.	0.087 UG/ML	0.01
64	NOT	FOUND							
65	202	4430	25:15	5	0.890	A BB	353280.	48.839 UG/ML	3.90
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	149	5031	28:41	5	1.011	A BB	2536.	0.726 UG/ML	0.06
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

RIC
 12/18/93 17:36:00
 DATA: 121893008 #1
 CALI: 121893008 #3
 SAMPLE: SPH2XCDMTW22 SUPR50X100 TAR50X100
 CONDS.:
 RANGE: G 1.7982 LABEL: N 0, 4.0 QUAN: A 0, 1.0 J 0 BASE: U 20, 3
 SCANS 900 TO 7000

100.0- 363069.



002115

49 182

7000 SCAN
39:54 TIME

6000
34:12

5000
28:30

4000
22:48

3000
17:05

2000
11:24

1000
5:42

Quantitation Report File: 12189308

Data: 12189308.TI

12/18/93 17:36:00

Sample: SPM2*CDDMTW*22 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	CI30 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	CI40 1146-65-2 NAPHTHALENE-D8 ** IS2 **
3	CI90 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	CI60 1517-22-2 PHENANTHRENE-D10 **IS4**
5	CI70 1719-03-9 CHRYSENE-D10 **IS5**
6	CI75 1920-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002116

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1810	10:19	1	1.000	A BB	132580.	40.000 NG/UL	2.38
2	136	2351	13:24	2	1.000	A BB	403284.	40.000 NG/UL	2.38
3	164	3128	17:50	3	1.000	A BB	190848.	40.000 NG/UL	2.38
4	188	3789	21:36	4	1.000	A BB	239600.	40.000 NG/UL	2.38
5	240	4975	28:21	5	1.000	A BB	113588.	40.000 NG/UL	2.38
6	264	5601	31:56	6	1.000	A BB	114104.	40.000 UG/ML	2.38
7	112	1278	7:17	1	0.706	A BB	661528.	173.288 UG/ML	10.31
8	99	1685	9:36	1	0.931	A BB	893872.	169.142 UG/ML	10.06
9	82	2048	11:40	2	0.871	A BB	403720.	93.174 UG/ML	5.54
10	172	2842	16:12	3	0.909	A BB	540040.	81.476 UG/ML	4.85
11	330	3480	19:50	4	0.918	A BB	209284.	202.706 UG/ML	12.06
12	244	4521	25:46	5	0.909	A BB	62868.	16.767 UG/ML	1.01
13	94	1691	9:38	1	0.934	A BB	506180.	89.224 UG/ML	5.31
14	NOT FOUND								
15	128	1720	9:48	1	0.950	A BB	395696.	99.239 UG/ML	5.66
16	NOT FOUND								
17	146	1817	10:21	1	1.004	A BB	207216.	43.246 UG/ML	2.57
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	70	1998	11:23	1	1.104	A BB	126480.	34.980 UG/ML	2.06
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	180	2331	13:17	2	0.991	A BB	143720.	43.561 UG/ML	2.59
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	107	2623	14:57	2	1.116	A BB	272628.	97.699 UG/ML	5.81
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	153	3142	17:55	3	1.004	A BB	197200.	40.754 UG/ML	2.42
48	NOT FOUND								
49	109	3210	18:18	3	1.026	A BB	39272.	77.311 UG/ML	4.60
50	NOT FOUND								

002117

Quantitation Report File: 121B9308

Data: 121B9308.T1

12/18/93 17:36:00

Sample: SPM2*CDDMTW*22 SUR*50*100 (AR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
79	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 532-27-4 2-CHLORACETOPHENONE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	3228	18:24	3	1.032	A BB	62064.	45.513 UG/ML	2.71
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	266	3708	21:08	4	0.979	A BB	113208.	107.730 UG/ML	6.41
61	NOT FOUND								
62	NOT FOUND								

002118

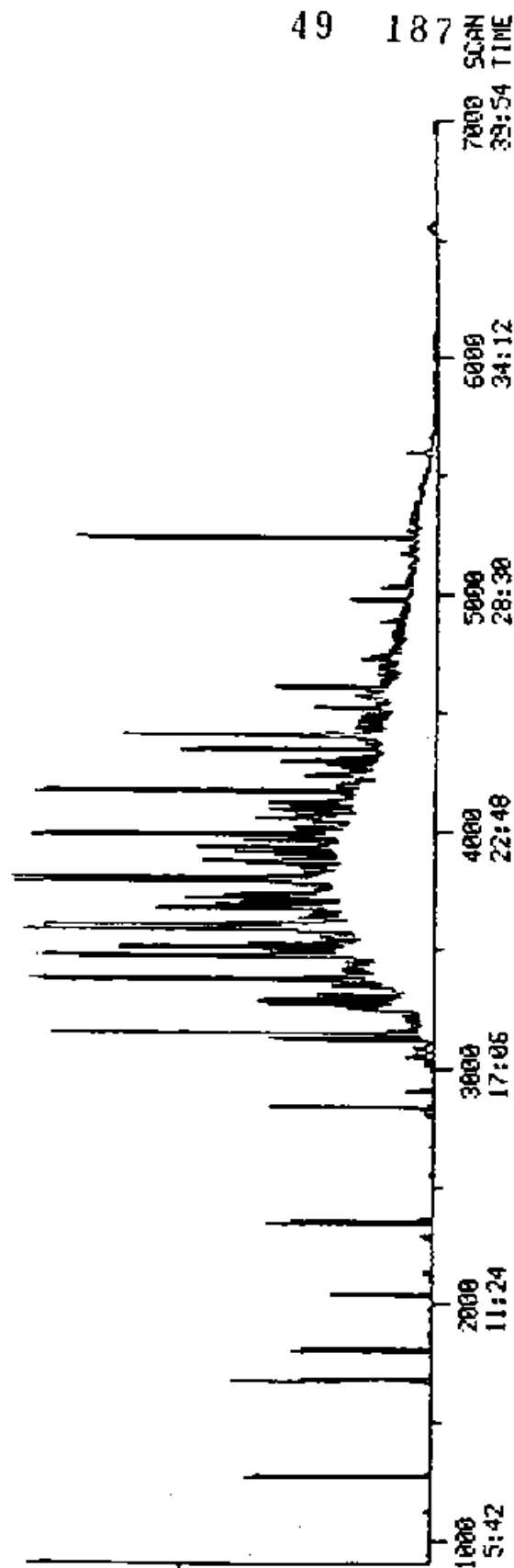
49 186

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	NOT	FOUND							
64	NOT	FOUND							
65	202	4429	25:15	5	0.890	A BB	129564.	27.721 UG/ML	1.65
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	149	5031	28:41	5	1.011	A BB	4884.	2.165 UG/ML	0.13
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002119

RIC
 12/18/93 18:33:00 DATA: 12189309 #1 SCANS 900 TO 7000
 SAMPLE: CDDMTW37 SUR150x100 CALI: 12189309 #3
 CONDS.:
 RANGE: G 1.7382 LABEL: H 0. 4.0 QUAN: A 0. 1.0 J 0 BASE: U 20. 3

100.0 1445590.



002120

Quantitation Report File: 12189309

Data: 12189309.TI

12/18/93 18:33:00

Sample: CDDMTW*37 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No Name

1 C130 3855-82-1 1,4-DICHLORO BENZENE-D4 **IS1**
 2 C140 1146-65-2 NAPHTHALENE-D8 **IS2**
 3 C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
 4 C160 1517-22-2 PHENANTHRENE-D10 **IS4**
 5 C170 1719-03-5 CHRYSENE-D10 **IS5**
 6 C175 1520-96-3 PERYLENE-D12 **IS6**
 7 C550 367-12-4 2-FLUOROPHENOL **SU1**
 8 C545 4165-62-2 PHENOL-D5 **SU2**
 9 C520 4165-60-0 NITROBENZENE-D5 **SU3**
 10 C525 321-60-8 2-FLUOROBIPHENYL **SU4**
 11 C555 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
 12 C530 1718-51-0 TERPHENYL-D14 **SU6**
 13 C315 108-95-2 PHENOL
 14 C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
 15 C330 95-57-8 2-CHLOROPHENOL
 16 C335 541-73-1 1,3-DICHLORO BENZENE
 17 C340 106-46-7 1,4-DICHLORO BENZENE
 18 C350 95-50-1 1,2-DICHLORO BENZENE
 19 C345 100-51-6 BENZYL ALCOHOL
 20 C355 95-48-7 2-METHYLPHENOL
 21 C365 106-44-5 4-METHYLPHENOL
 22 C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
 23 C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
 24 C375 67-72-1 HEXACHLOROETHANE
 25 C410 98-95-3 NITROBENZENE
 26 C415 78-59-1 ISOPHORONE
 27 C420 88-75-5 2-NITROPHENOL
 28 C425 105-67-9 2,4-DIMETHYLPHENOL
 29 C430 65-85-0 BENZOIC ACID
 30 C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
 31 C445 120-82-1 1,2,4-TRICHLORO BENZENE
 32 C440 120-83-2 2,4-DICHLOROPHENOL
 33 C450 91-20-3 NAPHTHALENE
 34 C455 106-47-8 4-CHLORDANILINE
 35 C460 87-68-3 HEXACHLORO BUTADIENE
 36 C465 59-50-7 4-CHLOR-3-METHYLPHENOL
 37 C470 91-57-6 2-METHYLNAPHTHALENE
 38 C510 77-47-4 HEXACHLORO CYCLOPENTADIENE
 39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
 40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
 41 C525 91-58-7 2-CHLORONAPHTHALENE
 42 C530 88-74-4 2-NITROANILINE
 43 C535 131-11-3 DIMETHYLPHTHALATE
 44 C540 208-96-8 ACENAPHTHYLENE
 45 C543 606-20-2 2,6-DINITROTOLUENE
 46 C545 99-09-2 3-NITROANILINE
 47 C550 83-32-9 ACENAPHTHENE

002121

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1810	10:19	1	1.000	A BB	182540.	40.000 NG/UL	6.19
2	136	2351	13:24	2	1.000	A BB	592472.	40.000 NG/UL	6.19
3	164	3129	17:50	3	1.000	A BB	278876.	40.000 NG/UL	6.19
4	188	3791	21:37	4	1.000	A BB	328060.	40.000 NG/UL	6.19
5	240	4977	28:22	5	1.000	A BB	139328.	40.000 NG/UL	6.19
6	264	5602	31:56	6	1.000	A BB	125224.	40.000 UG/ML	6.19
7	112	1277	7:17	1	0.706	A BB	454987.	86.565 UG/ML	13.40
8	99	1683	9:36	1	0.930	A BB	602921.	82.862 UG/ML	12.83
9	82	2046	11:40	2	0.870	A BB	259532.	40.771 UG/ML	6.31
10	172	2842	16:12	3	0.908	A BB	425668.	43.949 UG/ML	6.80
11	330	3482	19:51	4	0.918	A BB	127936.	90.502 UG/ML	14.01
12	244	4523	25:47	5	0.909	A BB	200608.	44.139 UG/ML	6.83
13	94	1686	9:37	1	0.931	A BB	16956.	2.171 UG/ML	0.34
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

002122

Data: 12189309.TI
12/18/93 18:33:00
Sample: CDDMTW*37 SUR*50*100
Conds.:

Formula: FINDL4 FINSSM4
Submitted by: DMRITTER

Instrument: FINN
Analyst: 0642

Weight: 0.000
Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
Resp. fac. from Library Entry

No	Name
91	C570 121-14-2 2,4-DINITROLOUENE
92	C580 84-66-2 DIETHYLPHTHALATE
93	C585 7009-72-3 4-CHLOROPHENYL-PHENYL ETHER
94	C590 86-73-7 FLUORENE
95	C595 100-01-6 4-NITROANILINE
96	C619 86-30-6 N-NITROSODIPHENYLAMINE
97	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
98	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
99	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 96-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

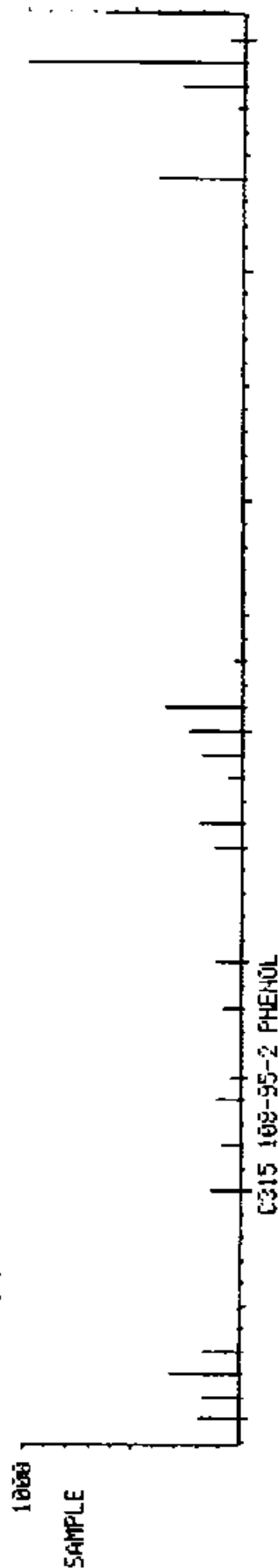
No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
91	NOT FOUND								
92	149	3353	19:07	3	1.072	A BB	4196.	0.556 UG/ML	0.09
93	NOT FOUND								
94	NOT FOUND								
95	NOT FOUND								
96	NOT FOUND								
97	NOT FOUND								
98	NOT FOUND								
99	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								

002123

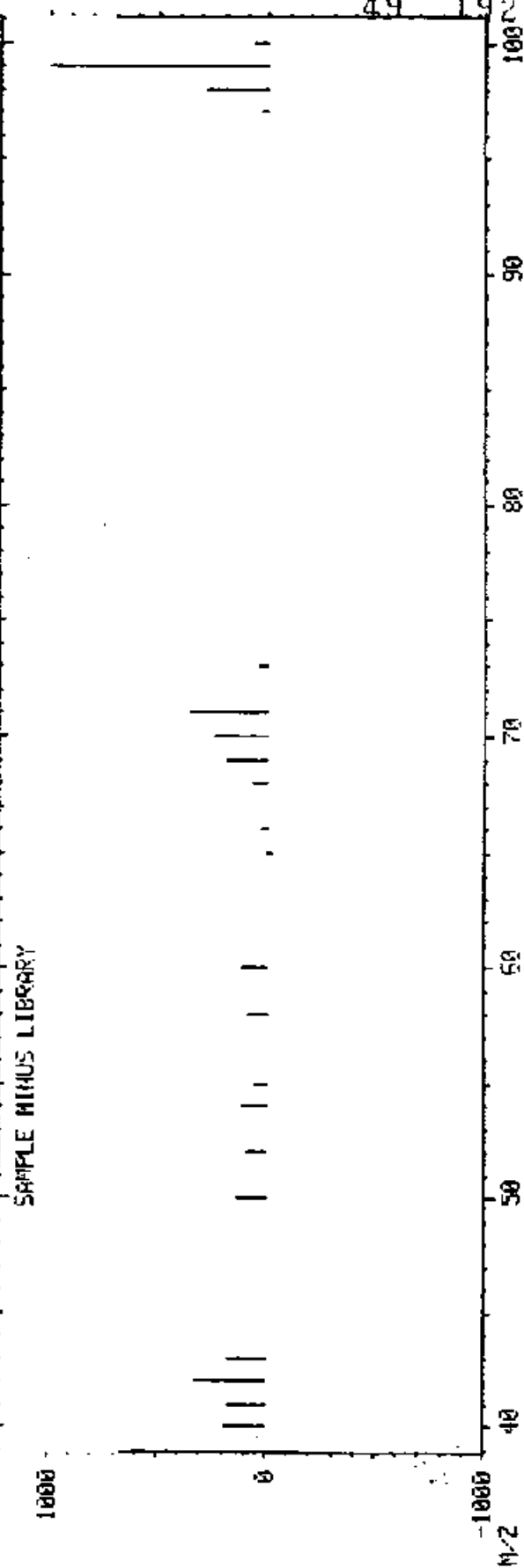
No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	149	4091	23:19	4	1.079	A BB	1537.	0.144 UG/ML	0.02
64	NOT FOUND								
65	NOT FOUND								
66	NOT FOUND								
67	NOT FOUND								
68	NOT FOUND								
69	149	5032	28:41	5	1.011	A BB	36164.	13.074 UG/ML	2.02
70	NOT FOUND								
71	149	5310	30:16	6	0.948	A VB	4857.	1.166 UG/ML	0.18
72	NOT FOUND								
73	NOT FOUND								
74	NOT FOUND								
75	NOT FOUND								
76	NOT FOUND								
77	NOT FOUND								
78	NOT FOUND								
79	NOT FOUND								
80	NOT FOUND								
81	NOT FOUND								

HID LIBRARY SEARCH (LIBRARY51)
 12/18/93 18:33:00 + 9:37
 SAMPLE: C000TH137 SURX50*100
 CONDS.:

DATA: 12189309 #1686
 CALL: 12189309 # 3
 BASE M/Z: 99
 RIC: 59112.



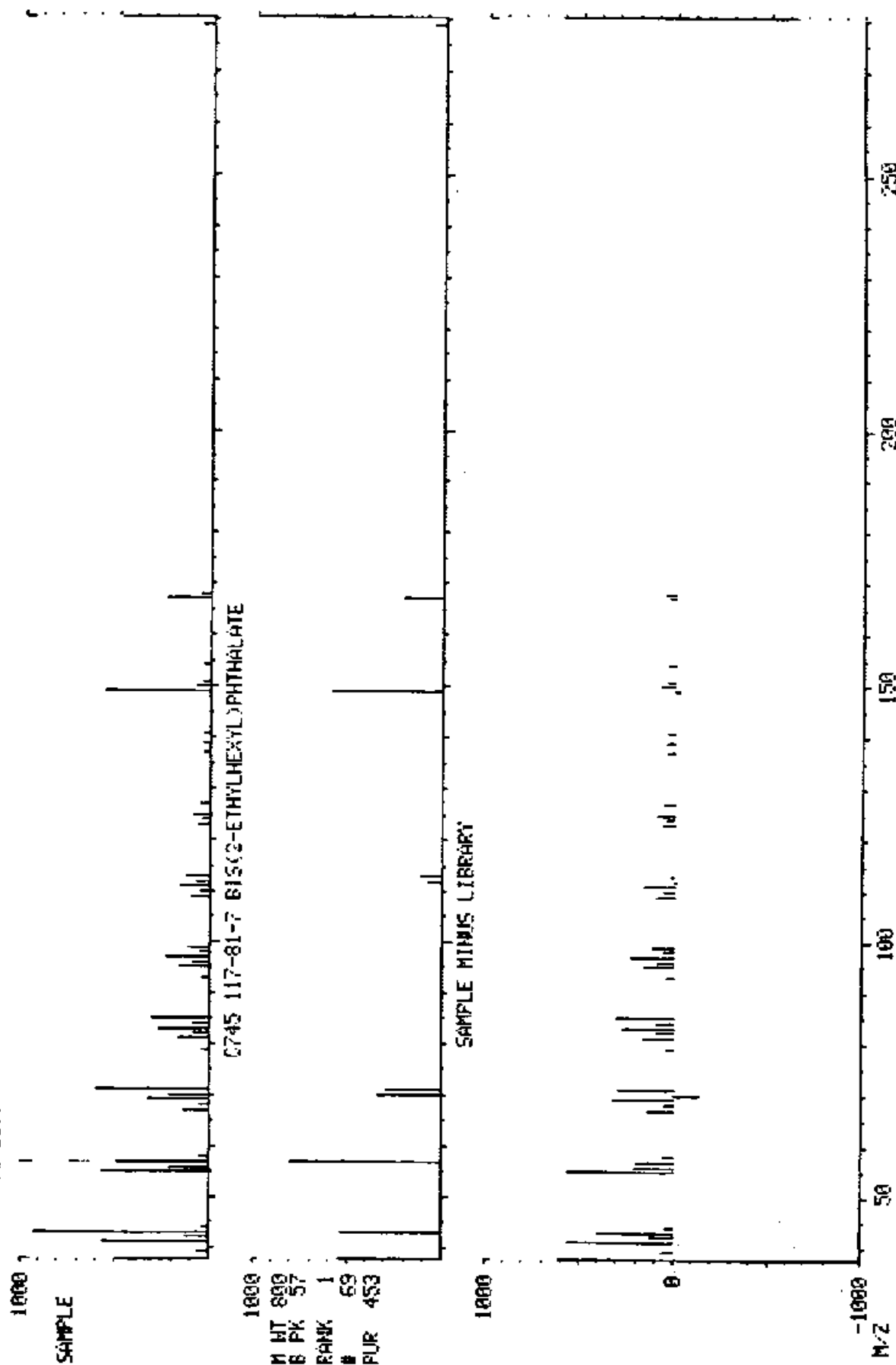
M RT 800
 B PK 94
 Rank 2
 # 13
 PUR 179



002125

MID LIBRARY SEARCH (LIBRARY51)
 12/18/93 18:33:00 + 28:41
 SAMPLE: C00MTHA37 SURF50#100
 COND.:

DATA: 12189309 #5032
 CALL: 12189309 # 3
 BASE M/Z: 57
 RIC: 79744.



002126

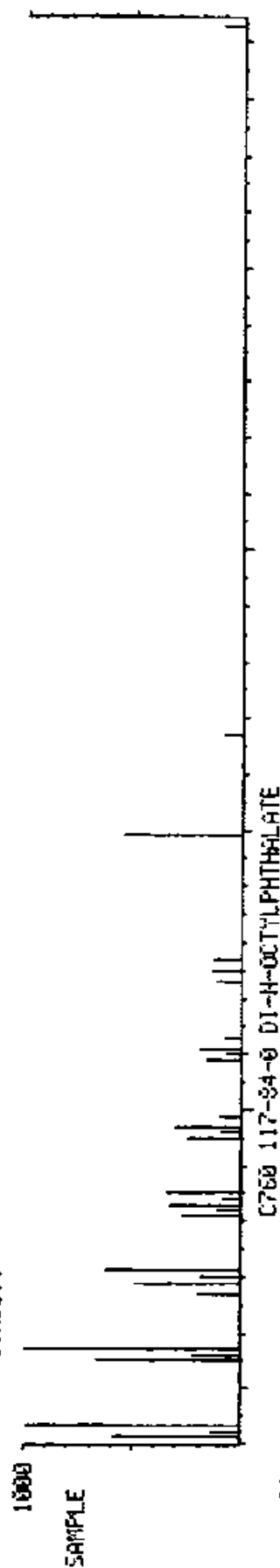
RTD LIBRARY SEARCH (LIBRARY51)

12/18/93 18:33:00 + 30:16

SAMPLE: C000TH#37 SUR#50#100

COND5.:

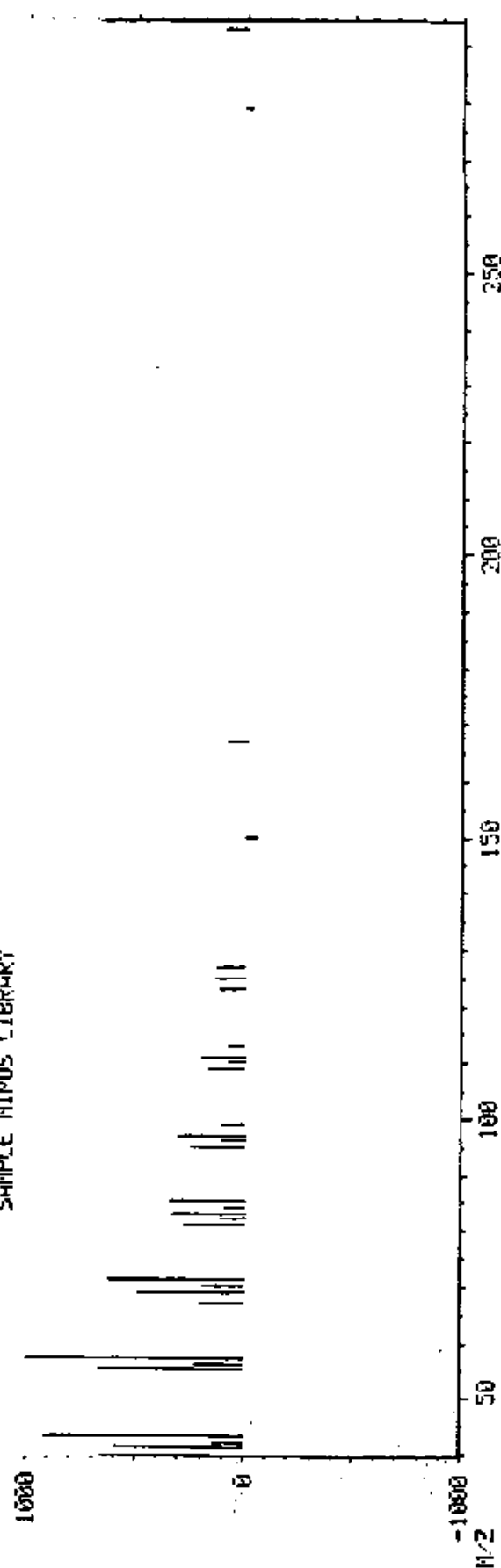
DATA: 12189309 #5310
CALI: 12189309 # 3
BASE M/Z: 57
PIC: 37376.



10000

M WT 800
B PK 149
RANK 3
71
PUR 129

SAMPLE MINUS LIBRARY

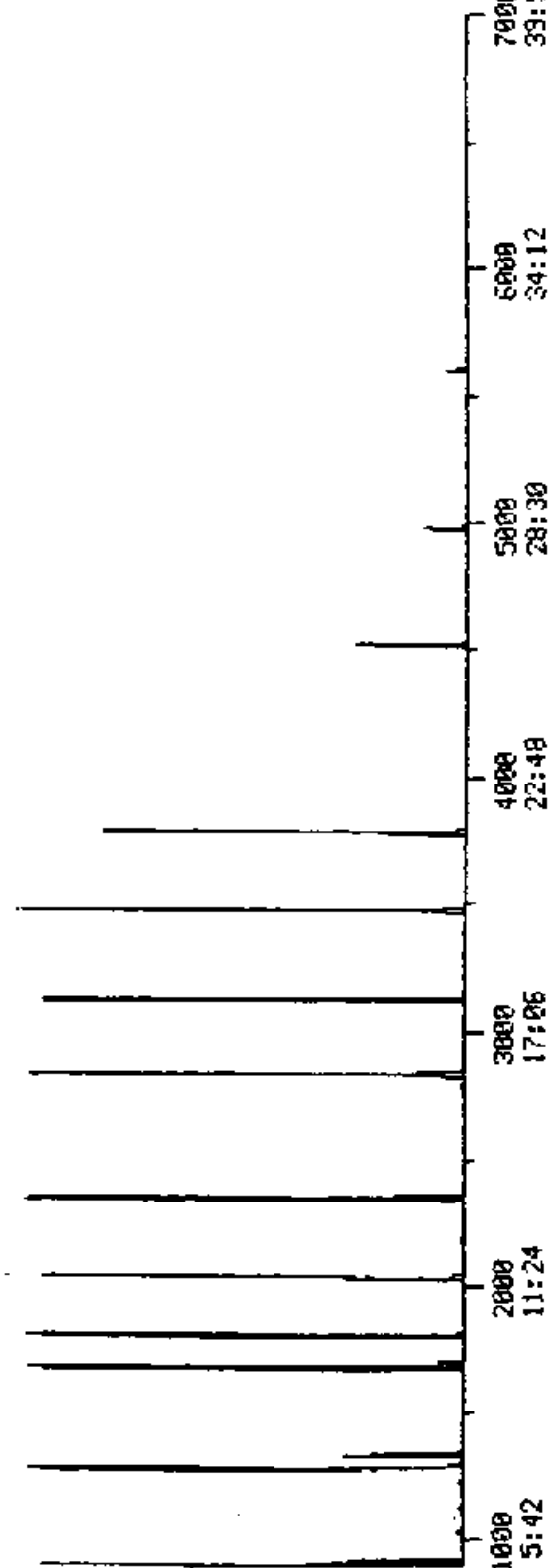


002127

RIC
 12/21/93 19:18:00
 SAMPLE: MB*1123*1 SUR*50*100
 CONDS.:
 RANGE: G 1.7982 LABEL: H 0. 4.0 QUAN: A 0. 1.0 J 0 BASE: U 20. 3
 DATA: 12219306 #1
 CALI: 12219306 #3
 SCANS 900 TO 7000

100.0

RIC



002128

Quantitation Report File: 12219306

Data: 12219306.TI

12/21/93 19:18:00

Sample: MB*1123*1 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No Name

1 CI30 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
 2 CI40 1146-65-2 NAPHTHALENE-D8 **IS2**
 3 CI90 15067-26-2 ACENAPHTHENE-D10 **IS3**
 4 CI60 1517-22-2 PHENANTHRENE-D10 **IS4**
 5 CI70 1719-03-5 CHRYSENE-D10 **IS5**
 6 CI75 1520-96-3 PERYLENE-D12 **IS6**
 7 CS50 367-12-4 2-FLUOROPHENOL **SU1**
 8 CS45 4165-62-2 PHENOL-D5 **SU2**
 9 CS20 4165-60-0 NITROBENZENE-D5 **SU3**
 10 CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
 11 CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
 12 CS30 1718-51-0 TERPHENYL-D14 **SU6**
 13 C315 108-95-2 PHENOL
 14 C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
 15 C330 95-57-8 2-CHLOROPHENOL
 16 C335 541-73-1 1,3-DICHLOROBENZENE
 17 C340 106-46-7 1,4-DICHLOROBENZENE
 18 C350 95-50-1 1,2-DICHLOROBENZENE
 19 C345 100-51-6 BENZYL ALCOHOL
 20 C355 95-48-7 2-METHYLPHENOL
 21 C365 106-44-5 4-METHYLPHENOL
 22 C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
 23 C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
 24 C375 67-72-1 HEXACHLOROETHANE
 25 C410 98-95-3 NITROBENZENE
 26 C415 78-59-1 ISOPHORONE
 27 C420 88-75-5 2-NITROPHENOL
 28 C425 105-67-9 2,4-DIMETHYLPHENOL
 29 C430 65-85-0 BENZOIC ACID
 30 C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
 31 C445 120-82-1 1,2,4-TRICHLOROBENZENE
 32 C440 120-83-2 2,4-DICHLOROPHENOL
 33 C450 91-20-3 NAPHTHALENE
 34 C455 106-47-8 4-CHLOROANILINE
 35 C460 87-68-3 HEXACHLOROBUTADIENE
 36 C465 59-50-7 4-CHLOR-3-METHYLPHENOL
 37 C470 91-57-6 2-METHYLNAPHTHALENE
 38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
 39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
 40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
 41 C525 91-58-7 2-CHLORONAPHTHALENE
 42 C530 88-74-4 2-NITROANILINE
 43 C535 131-11-3 DIMETHYLPHTHALATE
 44 C540 208-96-8 ACENAPHTHYLENE
 45 C543 606-20-2 2,6-DINITROTOLUENE
 46 C545 99-09-2 3-NITROANILINE
 47 C550 83-32-9 ACENAPHTHENE

002129

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	192	1810	10:19	1	1.000	A BB	162200.	40.000 NG/UL	6.10
2	136	2352	13:24	2	1.000	A BB	472032.	40.000 NG/UL	6.10
3	164	3129	17:50	3	1.000	A BB	212304.	40.000 NG/UL	6.10
4	188	3789	21:36	4	1.000	A BB	185948.	40.000 NG/UL	6.10
5	240	4977	28:22	5	1.000	A BB	36140.	40.000 NG/UL	6.10
6	264	5602	31:56	6	1.000	A BB	25272.	40.000 UG/ML	6.10
7	112	1278	7:17	1	0.706	A BB	390275.	90.637 UG/ML	13.83
8	99	1683	9:36	1	0.930	A BB	399212.	65.749 UG/ML	10.03
9	82	2047	11:40	2	0.870	A BB	219216.	44.882 UG/ML	6.85
10	172	2842	16:12	3	0.908	A BB	313092.	44.266 UG/ML	6.75
11	330	3480	19:50	4	0.918	A BB	86976.	109.335 UG/ML	16.68
12	244	4523	25:47	5	0.909	A BB	77616.	60.652 UG/ML	9.25
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

002130

Quantitation Report File: 12219306

Data: 12219306.T1

12/21/93 19:18:00

Sample: MB*1123*1 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHthalATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHthalATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHthalATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHthalATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHthalATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUOROANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								

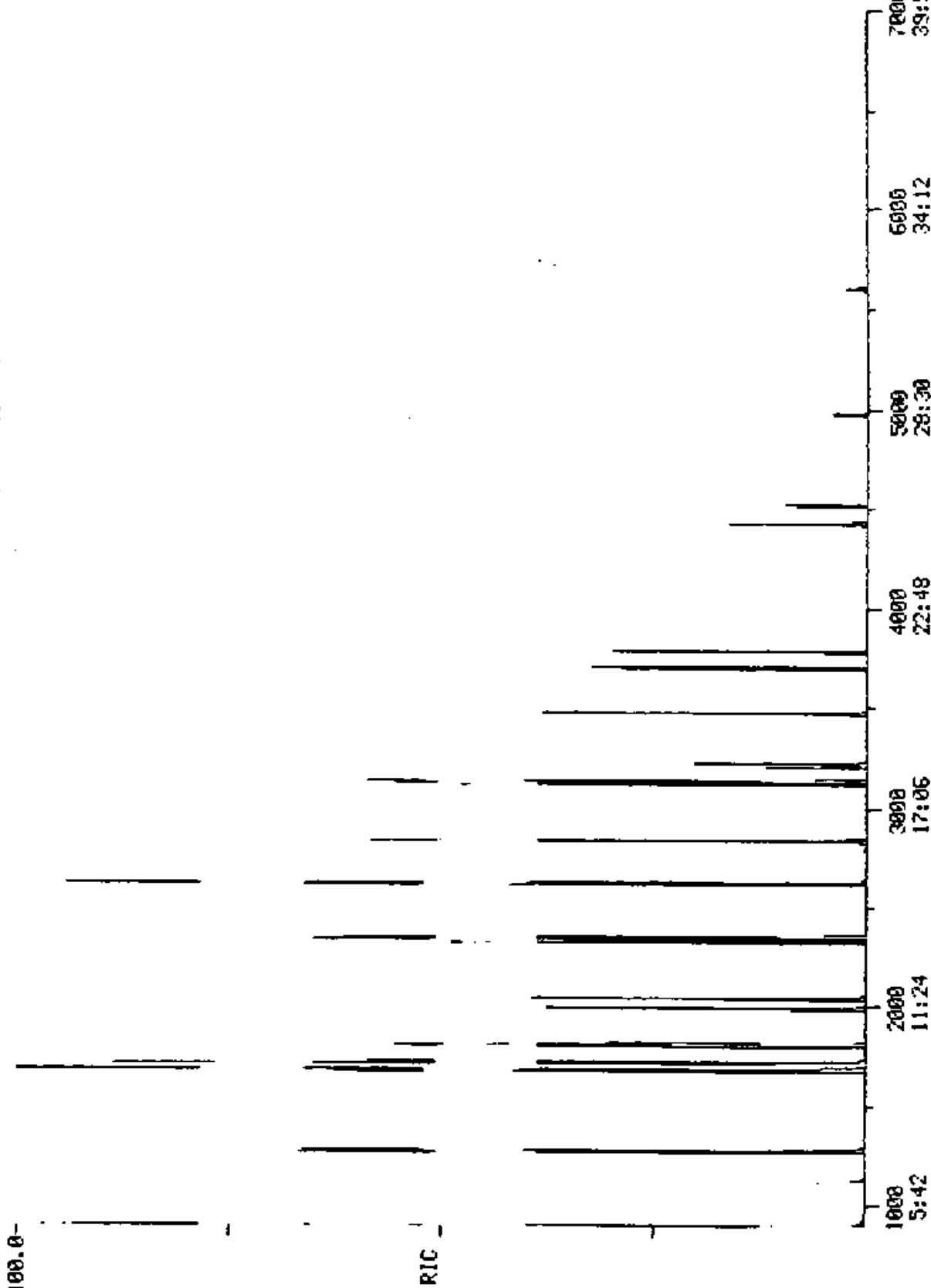
002131

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	49 199 %Tot
63	NOT	FOUND							
64	NOT	FOUND							
65	NOT	FOUND							
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	NOT	FOUND							
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002132

RIC
 12/21/93 20:15:00 DATA: 12213307 #1 SCANS 900 TO 7000
 SAMPLE: SP1*1123*1 SUR*50*100 TAP*50*100 CALL: 12213307 #3
 CONDS.:
 RANGE: G 1.7982 LABEL: N 0. 4.0 QUIN: A 0. 1.0 J 0 BASE: U 20. 3

100.0- 343552.



002133

Quantitation Report File: 12219307

Data: 12219307.TI

12/21/93 20:15:00

Sample: SP1*1123*1 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-DB ** IS2 **
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORDNE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002134

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1810	10:19	1	1.000	A BB	166700.	40.000 NG/UL	2.97
2	136	2352	13:24	2	1.000	A BB	502372.	40.000 NG/UL	2.97
3	164	3128	17:50	3	1.000	A BB	233932.	40.000 NG/UL	2.97
4	188	3790	21:36	4	1.000	A BB	212368.	40.000 NG/UL	2.97
5	240	4977	28:22	5	1.000	A BB	50724.	40.000 NG/UL	2.97
6	264	5602	31:56	6	1.000	A BB	45652.	40.000 UG/ML	2.97
7	112	1278	7:17	1	0.706	A BB	399327.	90.236 UG/ML	6.70
8	99	1685	9:36	1	0.931	A BB	532192.	85.284 UG/ML	6.33
9	82	2047	11:40	2	0.870	A BB	230060.	44.257 UG/ML	3.29
10	172	2842	16:12	3	0.909	A BB	338640.	43.452 UG/ML	3.23
11	330	3480	19:50	4	0.918	A BB	94644.	104.173 UG/ML	7.74
12	244	4522	25:47	5	0.909	A BB	67448.	48.688 UG/ML	3.62
13	94	1691	9:38	1	0.934	A BB	600088.	96.284 UG/ML	7.15
14	NOT FOUND								
15	128	1721	9:49	1	0.951	A BB	480492.	98.574 UG/ML	7.32
16	NOT FOUND								
17	146	1818	10:22	1	1.004	A BB	238620.	41.728 UG/ML	3.10
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	70	1999	11:24	1	1.104	A BB	149608.	33.272 UG/ML	2.47
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	180	2332	13:18	2	0.991	A BB	170400.	40.881 UG/ML	3.04
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	107	2625	14:58	2	1.116	A BB	314428.	84.367 UG/ML	6.27
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	153	3143	17:55	3	1.005	A BB	242024.	42.926 UG/ML	3.19
48	NOT FOUND								
49	109	3211	18:18	3	1.027	A BB	28044.	54.186 UG/ML	4.02
50	NOT FOUND								

002135

Quantitation Report File: 12219307

Data: 12219307.TI

12/21/93 20:15:00

Sample: SP1*1123*1 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 64-66-2 DIETHYLPHTHALATE
53	C585 7009-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
79	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 532-27-4 2-CHLORACETOPHENONE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
51	165	3229	18:24	3	1.032	A BB	62568.	37.203 UG/ML	2.76
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	266	3709	21:08	4	0.979	A BB	81704.	94.922 UG/ML	7.05
61	NOT FOUND								
62	NOT FOUND								

002136

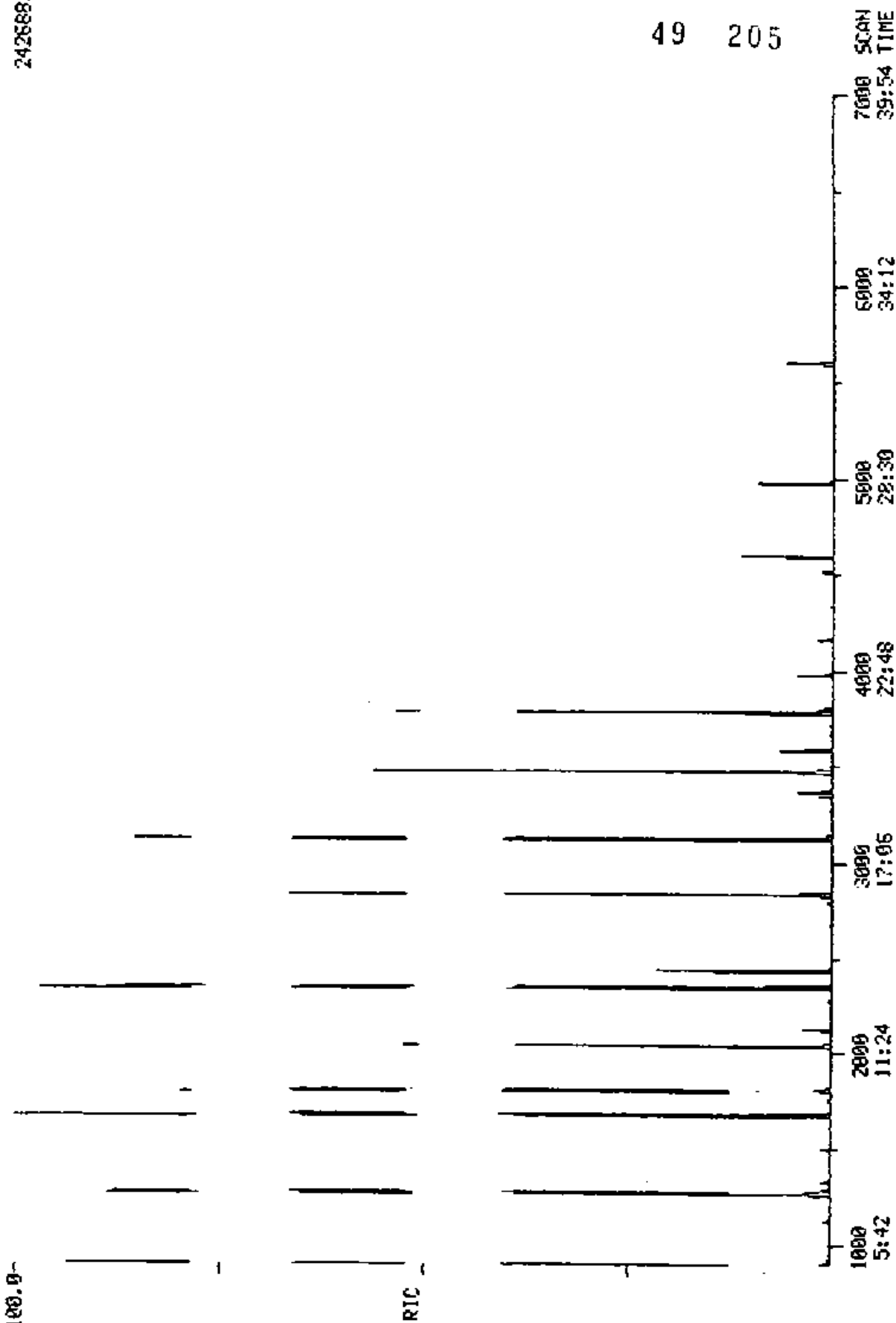
49 204

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	NOT	FOUND							
64	NOT	FOUND							
65	202	4430	25:15	5	0.890	A BB	149740.	65.922 UG/ML	4.90
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	NOT	FOUND							
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002137

RIC
 12/21/93 21:12:00 DATA: 12219308 #1 SCANS 900 TO 7000
 SAMPLE: CDDMTM22 SURF50*100 CALL: 12219308 #3
 CONDS.:
 RANGE: G 1.7982 LABEL: N 0, 4.0 DUMN: A 0, 1.0 J 0 BASE: U 20, 3

100.0- 242688.



002138

Data: 12219308.T1

12/21/93 21:12:00

Sample: CDDMTW*22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	CI30 3859-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	CI40 1146-65-2 NAPHTHALENE-D8 ** IS2 **
3	CI50 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	CI60 1517-22-2 PHENANTHRENE-D10 **IS4**
5	CI70 1719-03-5 CHRYSENE-D10 **IS5**
6	CI75 1920-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	CS10 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	CS15 88-06-2 2,4,6-TRICHLOROPHENOL
40	CS20 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C930 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002139

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1810	10:19	1	1.000	A BB	179068.	40.000 NG/UL	7.02
2	136	2352	13:24	2	1.000	A BB	533276.	40.000 NG/UL	7.02
3	164	3129	17:50	3	1.000	A BB	251192.	40.000 NG/UL	7.02
4	188	3789	21:36	4	1.000	A BB	253380.	40.000 NG/UL	7.02
5	240	4977	28:22	5	1.000	A BB	70464.	40.000 NG/UL	7.02
6	264	5601	31:56	6	1.000	A BB	62656.	40.000 UG/ML	7.02
7	112	1277	7:17	1	0.706	A BB	357957.	79.301 UG/ML	13.22
8	99	1683	9:36	1	0.930	A BB	468261.	69.857 UG/ML	12.27
9	82	2046	11:40	2	0.870	A BB	216056.	39.155 UG/ML	6.88
10	172	2843	16:12	3	0.909	A BB	323764.	38.688 UG/ML	6.79
11	330	3480	19:50	4	0.918	A BB	105876.	97.673 UG/ML	17.19
12	244	4323	25:47	5	0.909	A BB	17436.	6.988 UG/ML	1.23
13	94	1687	9:37	1	0.932	A BB	12092.	1.806 UG/ML	0.32
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

25-2-10

002140

Quantitation Report File: 12219308

Data: 12219308.T1

12/21/93 21:12:00

Sample: CDDMTW*22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								

002141

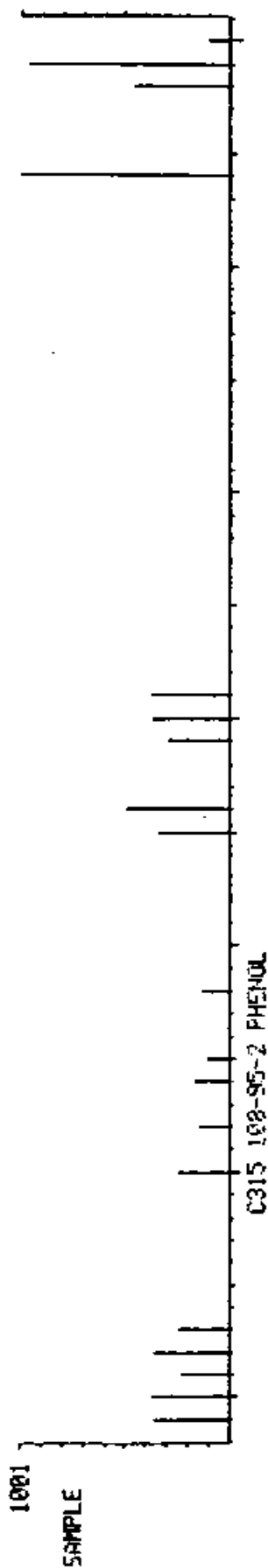
49 209

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ΣTot
63	NOT	FOUND							
64	NOT	FOUND							
65	NOT	FOUND							
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	NOT	FOUND							
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002142

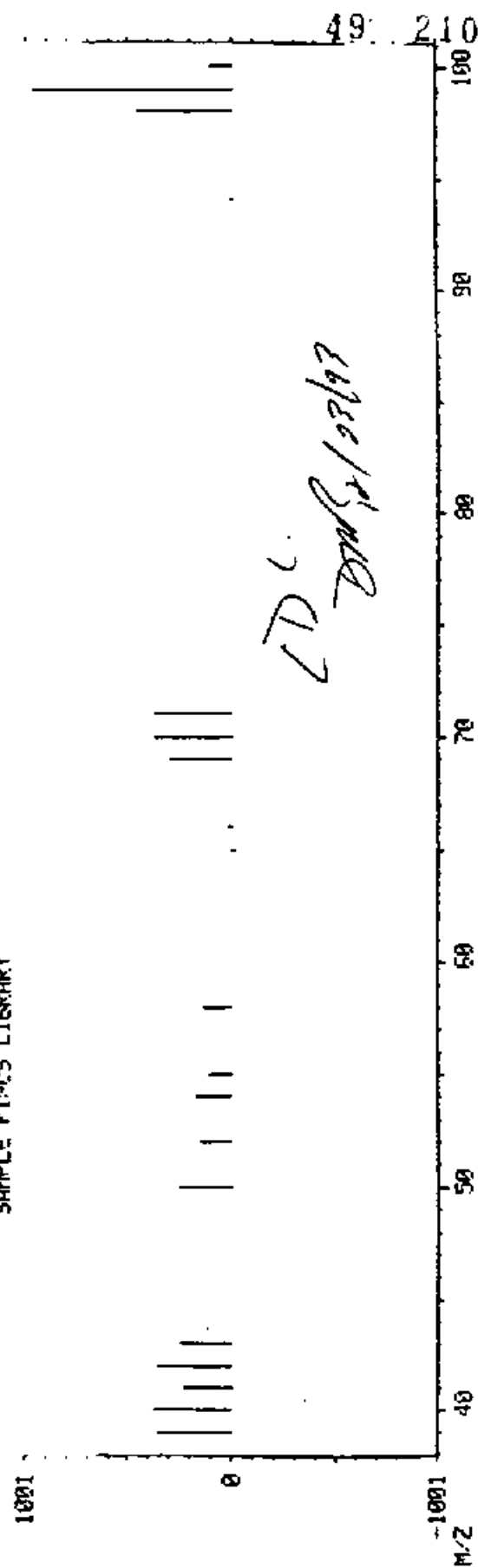
MID LIBRARY SEARCH (LIBRARY51)
 12/21/93 21:12:00 + 5:37
 SAMPLE: CDDMTN#22 SUR#50#180
 COND5.:
 #1637 - #1691

DATA: 12219308 #1687 BASE M/Z: 94
 CALT: 12219308 # 3 RIC: 21472.



1001
 N NT 800
 B PK 94
 RANK 2
 # 13
 PUR 311

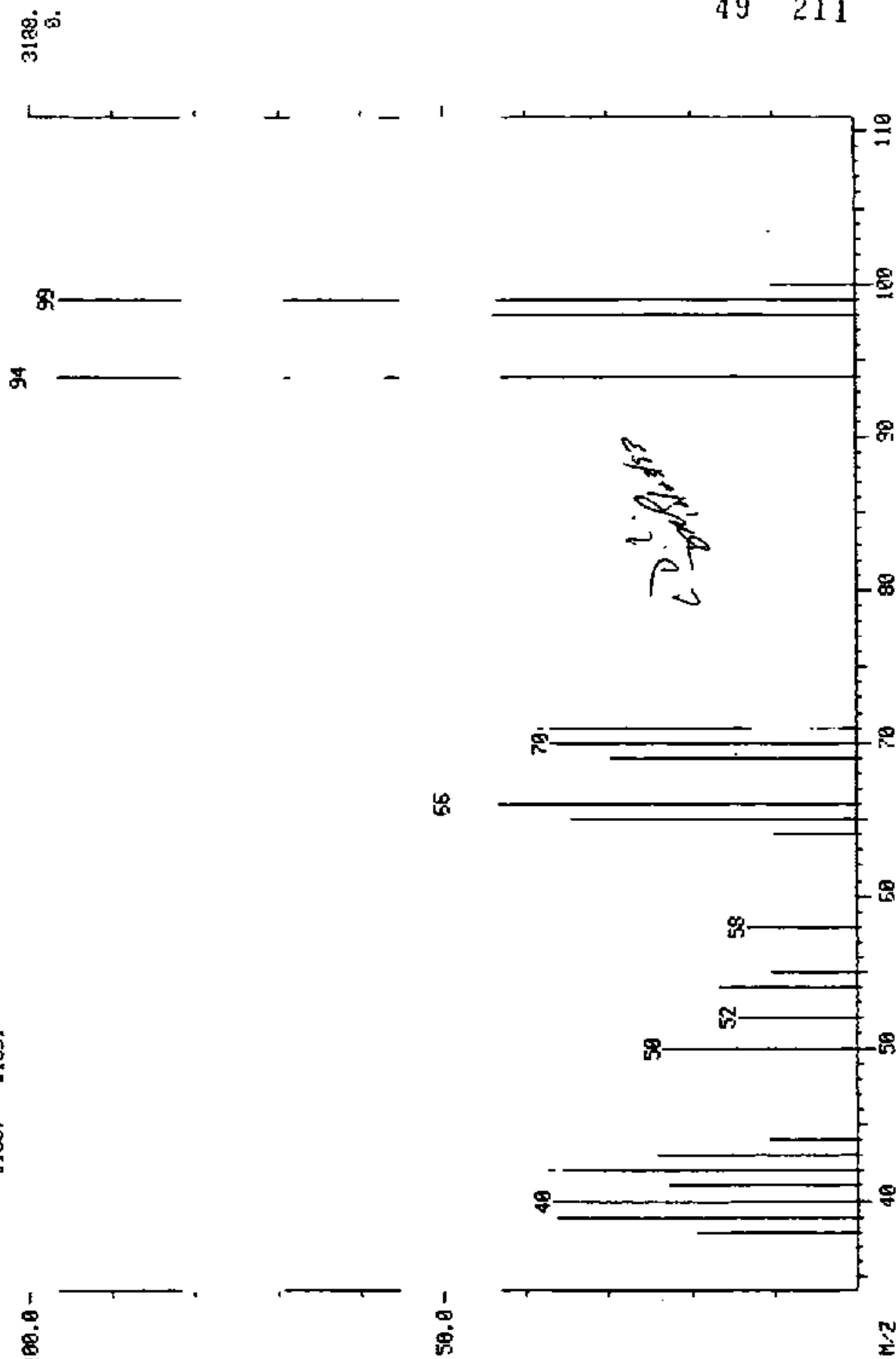
SAMPLE MINS LIBRARY



MASS SPECTRUM
 12/21/93 21:12:00 + 9:37
 SAMPLE: COUNT#22 SURF50X100
 CONDS.:
 TEMP: 90 DEG. C
 #1687 - #1691

DATA: 12219308 #1687
 CALL: 12219308 #3

BASE M/Z: 94
 RIC: 22752.



002144

PROCEDURE: TCA
 DATA FILE: 12189303
 REFERENCE: TABSV
 NAME LIST: SV
 REPORT: M1

DIAGNOSTIC REPORT

12/18/93 13:19:08

< --- STANDARDS --- >				< --- PLUS UNKNOWN --- >				< --- LIST NAMES --- >	
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN	
6	6	1	187	12	6	1	187	M1/M5	
6	6	1	187	16	6	1	187	M1/M1	
6	6	1	187	16	6	1	187	M1/M2	
6	6	1	187	16	6	1	187	M1/M3	
6	6	1	187	16	6	1	187	M1/M4	
6	6	1	187	16	6	1	187	M1/M5	
6	6	1	187	25	7	1	174	M1/M6	

B1 COMPOUNDS PROCESSED. 7 FOUND

< COMPOUND >			SEARCH					< SAT >		< CHRD >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	SI	1	-1821	1811	1809	-2	1	996		152	1809		1
2	SI	2	-2363	2352	2351	-1	1	988		136	2351		1
3	SI	3	-3139	3126	3128	2	1	994		164	3128		1
4	SI	4	-3801	3787	3789	2	1	988		188	3789		1
5	SI	5	-4991	4975	4976	1	1	996		240	4976		1
6	SI	6	-5619	5602	5600	-2	1	949		264	5600		1
7	SI	7	-1287	1277						112			
8	SI	8	-1692	1682						99			
9	SI	9	-2058	2047						82			
10	SI	10	-2853	2841						172			
11	SI	11	-3492	3479						330			
12	SI	12	-4534	4519						244			
13	SI	13	-1698	1688						94			
14	SI	14	-1729	1719						93			
15	SI	15	-1731	1721						128			
16	SI	16	-1794	1784						146			
17	SI	17	-1828	1818						146			
18	SI	18	-1887	1876						146			
19	SI	19	-1892	1881						108			
20	SI	20	-1947	1936						108			
21	SI	21	-2016	2005						108			
22	SI	22	-1957	1946						45			
23	SI	23	-2012	2001						70			
24	SI	24	-2029	2018						117			
25	SI	25	-2067	2056						77			
26	SI	26	-2177	2166						82			
27	SI	27	-2203	2192						139			
28	SI	28	-2242	2231						107			
29	SI	29	-2307	2296						122			
30	SI	30	-2285	2274						93			
31	SI	31	-2343	2332						180			
32	SI	32	-2309	2298						162			
33	SI	33	-2372	2361						128			
34	SI	34	-2407	2396						127			
35	SI	35	-2437	2426						225			
36	SI	36	-2632	2620						107			
37	SI	37	-2681	2669						142			
38	SI	38	-2753	2741						237			
39	SI	39	-2811	2799						196			
40	SI	40	-2822	2810						196			
41	SI	41	-2894	2882						162			
42	SI	42	-2948	2936						65			
43	SI	43	-3047	3034						163			

002145

44	S1	44	-3075	3062	.	.	.	.	.	192	49	213	.
45	S1	45	-3065	3052	.	.	.	.	.	165	.	.	.
46	S1	46	-2948	2936	.	.	.	.	.	138	.	.	.
47	S1	47	-3155	3142	.	.	.	.	.	153	.	.	.
48	S1	48	-3179	3166	.	.	.	.	.	184	.	.	.
49	S1	49	-3219	3206	.	.	.	.	.	109	.	.	.
50	S1	50	-3233	3220	.	.	.	.	.	168	.	.	.
51	S1	51	-3241	3228	.	.	.	.	.	165	.	.	.
52	S1	52	-3366	3353	.	.	.	.	.	149	.	.	.
53	S1	53	-3399	3386	.	.	.	.	.	204	.	.	.
54	S1	54	-3386	3373	.	.	.	.	.	166	.	.	.
55	S1	55	-3404	3391	.	.	.	.	.	138	.	.	.
56	S1	56	-3454	3441	.	.	.	.	.	169	.	.	.
57	S1	57	-3419	3406	.	.	.	.	.	198	.	.	.
58	S1	58	-3619	3602	.	.	.	.	.	248	.	.	.
59	S1	59	-3627	3613	.	.	.	.	.	283	.	.	.
60	S1	60	-3720	3706	.	.	.	.	.	266	.	.	.
61	S1	61	-3812	3798	.	.	.	.	.	176	.	.	.
62	S1	62	-3834	3820	.	.	.	.	.	176	.	.	.
63	S1	63	-4102	4088	.	.	.	.	.	149	.	.	.
64	S1	64	-4344	4329	.	.	.	.	.	202	.	.	.
65	S1	65	-4443	4428	.	.	.	.	.	202	.	.	.
66	S1	66	-4772	4756	.	.	.	.	.	149	.	.	.
67	S1	67	-4988	4972	.	.	.	.	.	252	.	.	.
68	S1	68	-4987	4971	.	.	.	.	.	228	.	.	.
69	S1	69	-5044	5028	.	.	.	.	.	149	.	.	.
70	S1	70	-5002	4986	.	.	.	.	.	228	.	.	.
71	S1	71	-5326	5310	.	.	.	.	.	149	.	.	.
72	S1	72	-5445	5428	.	.	.	.	.	252	.	.	.
73	S1	73	-5457	5440	.	.	.	.	.	252	.	.	.
74	S1	74	-5591	5574	.	.	.	.	.	252	.	.	.
75	S1	75	-6235	6217	.	.	.	.	.	276	.	.	.
76	S1	76	-6260	6242	.	.	.	.	.	278	.	.	.
77	S1	77	-6418	6400	.	.	.	.	.	276	.	.	.
78	S1	178	-2639	2627	2626	-1	1	999	.	105	2626	.	1
79	S1	78	-643	634	.	.	.	.	.	42	.	.	.
80	S1	107	-3753	3739	.	.	.	.	.	184	.	.	.
81	S1	97	-3469	3456	.	.	.	.	.	77	.	.	.

Quantitation Report File: 12189303

Data: 12189303.T1

12/18/93 12:50:00

Sample: 87NG 2-CHLOROACETOPHENONE

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	CI30 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	CI40 1146-63-2 NAPTHALENE-D8 **IS2**
3	CI90 19067-26-2 ACENAPHTHENE-D10 **IS3**
4	CI60 1917-22-2 PHENANTHRENE-D10 **IS4**
5	CI70 1719-03-9 CHRYSENE-D10 **IS5**
6	CI75 1520-96-3 PERYLENE-D12 **IS6**
7	CS90 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL **SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-93-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 941-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 99-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002147

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area (Hght)	Amount	ZTot
1	152	1809	10:19	1	1.000	A BB	240196.	40.000 NG/UL	12.20
2	136	2351	13:24	2	1.000	A BB	722716.	40.000 NG/UL	12.20
3	164	3128	17:50	3	1.000	A BB	365968.	40.000 NG/UL	12.20
4	188	3789	21:36	4	1.000	A BB	363480.	40.000 NG/UL	12.20
5	240	4976	28:22	5	1.000	A BB	104664.	40.000 NG/UL	12.20
6	264	5600	31:55	6	1.000	A BB	95724.	40.000 UG/ML	12.20
7	NOT FOUND								
8	NOT FOUND								
9	NOT FOUND								
10	NOT FOUND								
11	NOT FOUND								
12	NOT FOUND								
13	NOT FOUND								
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

Data: 12189303.TI

12/18/93 12:30:00

Sample: 87NG 2-CHLOROACETOPHENONE

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLOROACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	NOT	FOUND							
52	NOT	FOUND							
53	NOT	FOUND							
54	NOT	FOUND							
55	NOT	FOUND							
56	NOT	FOUND							
57	NOT	FOUND							
58	NOT	FOUND							
59	NOT	FOUND							
60	NOT	FOUND							
61	NOT	FOUND							
62	NOT	FOUND							

002149

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	49 _{XTOT} 217
63		NOT FOUND							
64		NOT FOUND							
65		NOT FOUND							
66		NOT FOUND							
67		NOT FOUND							
68		NOT FOUND							
69		NOT FOUND							
70		NOT FOUND							
71		NOT FOUND							
72		NOT FOUND							
73		NOT FOUND							
74		NOT FOUND							
75		NOT FOUND							
76		NOT FOUND							
77		NOT FOUND							
78	105	2626	14:58	2	1.117	A BB	919266.	87.840 UG/L	26.80
79		NOT FOUND							
80		NOT FOUND							
81		NOT FOUND							

002150

PROCEDURE: TCA
 DATA FILE: 12189304
 REFERENCE: TABSV
 NAME LIST: SV
 REPORT: MI

DIAGNOSTIC REPORT

12/20/93 8:32:24

< ---- STANDARDS ---- >				< --- PLUS UNKNOWN --- >				< - LIST NAMES - >	
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN	
6	6	1	168	12	12	1	129	MI/MS	
6	6	1	168	16	6	1	168	MI/M1	
6	6	1	168	16	6	1	168	MI/M2	
6	6	1	168	16	6	1	168	MI/M3	
6	6	1	168	16	6	1	168	MI/M4	
6	6	1	168	16	6	1	168	MI/M5	
6	6	1	168	25	6	1	168	MI/M6	

81 COMPOUNDS PROCESSED, 12 FOUND

< COMPOUND >			< SEARCH >					< SAT >		< CHRO >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	S1	1	-1821	1810	1809	-1	1	993	.	152	1809	.	1
2	S1	2	-2363	2351	2351	.	1	989	.	136	2351	.	1
3	S1	3	-3139	3126	3128	2	1	995	.	164	3128	.	1
4	S1	4	-3801	3787	3788	1	1	993	.	188	3788	.	1
5	S1	5	-4991	4975	4976	1	1	995	.	240	4976	.	1
6	S1	6	-5619	5602	5600	-2	1	969	.	264	5600	.	1
7	S1	7	-1287	1277	1277	.	1	995	.	112	1277	.	1
8	S1	8	-1692	1682	1682	.	1	995	.	99	1682	.	1
9	S1	9	-2058	2047	2046	-1	1	999	.	82	2046	.	1
10	S1	10	-2853	2841	2841	.	1	998	.	172	2841	.	1
11	S1	11	-3492	3479	3479	.	1	982	.	330	3479	.	1
12	S1	12	-4534	4519	4521	2	1	996	.	244	4521	.	1
13	S1	13	-1698	1688	.	.	.	.	.	94	.	.	.
14	S1	14	-1729	1719	.	.	.	.	.	93	.	.	.
15	S1	15	-1731	1721	.	.	.	.	.	128	.	.	.
16	S1	16	-1794	1783	.	.	.	.	.	146	.	.	.
17	S1	17	-1828	1817	.	.	.	.	.	146	.	.	.
18	S1	18	-1887	1876	.	.	.	.	.	146	.	.	.
19	S1	19	-1892	1881	.	.	.	.	.	108	.	.	.
20	S1	20	-1947	1936	.	.	.	.	.	108	.	.	.
21	S1	21	-2016	2005	.	.	.	.	.	108	.	.	.
22	S1	22	-1957	1946	.	.	.	.	.	45	.	.	.
23	S1	23	-2012	2001	.	.	.	.	.	70	.	.	.
24	S1	24	-2029	2018	.	.	.	.	.	117	.	.	.
25	S1	25	-2067	2056	.	.	.	.	.	77	.	.	.
26	S1	26	-2177	2166	.	.	.	.	.	82	.	.	.
27	S1	27	-2203	2192	.	.	.	.	.	139	.	.	.
28	S1	28	-2242	2231	.	.	.	.	.	107	.	.	.
29	S1	29	-2307	2296	.	.	.	.	.	122	.	.	.
30	S1	30	-2285	2274	.	.	.	.	.	93	.	.	.
31	S1	31	-2343	2332	.	.	.	.	.	180	.	.	.
32	S1	32	-2309	2298	.	.	.	.	.	162	.	.	.
33	S1	33	-2372	2360	.	.	.	.	.	128	.	.	.
34	S1	34	-2407	2395	.	.	.	.	.	127	.	.	.
35	S1	35	-2437	2425	.	.	.	.	.	225	.	.	.
36	S1	36	-2632	2620	.	.	.	.	.	107	.	.	.
37	S1	37	-2681	2669	.	.	.	.	.	142	.	.	.
38	S1	38	-2753	2741	.	.	.	.	.	237	.	.	.
39	S1	39	-2811	2799	.	.	.	.	.	196	.	.	.
40	S1	40	-2822	2810	.	.	.	.	.	196	.	.	.
41	S1	41	-2894	2882	.	.	.	.	.	162	.	.	.
42	S1	42	-2948	2935	.	.	.	.	.	65	.	.	.
43	S1	43	-3047	3034	.	.	.	.	.	163	.	.	.

002151

44	S1	44	-3075	3062	152
45	S1	45	-3065	3052	165
46	S1	46	-2948	2935	138
47	S1	47	-3155	3142	153
48	S1	48	-3179	3166	184
49	S1	49	-3219	3206	109
50	S1	50	-3233	3220	168
51	S1	51	-3241	3228	165
52	S1	52	-3366	3353	149
53	S1	53	-3399	3386	204
54	S1	54	-3386	3373	166
55	S1	55	-3404	3391	138
56	S1	56	-3454	3441	169
57	S1	57	-3419	3406	198
58	S1	58	-3615	3601	248
59	S1	59	-3627	3613	283
60	S1	60	-3720	3706	266
61	S1	61	-3812	3798	178
62	S1	62	-3834	3820	178
63	S1	63	-4102	4088	149
64	S1	64	-4344	4329	202
65	S1	65	-4443	4428	202
66	S1	66	-4772	4756	149
67	S1	67	-4988	4972	252
68	S1	68	-4987	4971	228
69	S1	69	-5044	5028	149
70	S1	70	-5002	4986	228
71	S1	71	-5326	5309	149
72	S1	72	-5445	5428	252
73	S1	73	-5457	5440	252
74	S1	74	-5591	5574	252
75	S1	75	-6235	6217	276
76	S1	76	-6260	6242	278
77	S1	77	-6418	6400	276
78	S1	178	-2639	2627	105
79	S1	78	-643	634	42
80	S1	107	-3753	3739	184
81	S1	97	-3469	3456	77

Quantitation Report File: 12189304

Data: 12189304.TI

12/18/93 13:47:00

Sample: MB*1123*1 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No Name

1 CI30 3855-82-1 1,4-DICHLORO BENZENE-D4 **IS1**
 2 CI40 1146-65-2 NAPHTHALENE-DB **IS2**
 3 CI50 15067-26-2 ACENAPHTHENE-D10 **IS3**
 4 CI60 1517-22-2 PHENANTHRENE-D10 **IS4**
 5 CI70 1719-03-5 CHRYSENE-D10 **IS5**
 6 CI75 1520-96-3 PERYLENE-D12 **IS6**
 7 CS50 367-12-4 2-FLUOROPHENOL **SU1**
 8 CS45 4165-62-2 PHENOL-D5 **SU2**
 9 CS20 4165-60-0 NITROBENZENE-D5 **SU3**
 10 CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
 11 CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
 12 CS30 1718-51-0 TERPHENYL-D14 **SU6**
 13 C315 108-95-2 PHENOL
 14 C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
 15 C330 95-57-8 2-CHLOROPHENOL
 16 C335 541-73-1 1,3-DICHLORO BENZENE
 17 C340 106-46-7 1,4-DICHLORO BENZENE
 18 C350 95-50-1 1,2-DICHLORO BENZENE
 19 C345 100-51-6 BENZYL ALCOHOL
 20 C355 95-48-7 2-METHYLPHENOL
 21 C365 106-44-5 4-METHYLPHENOL
 22 C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
 23 C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
 24 C375 67-72-1 HEXACHLOROETHANE
 25 C410 98-95-3 NITROBENZENE
 26 C415 78-59-1 ISOPHORONE
 27 C420 88-75-5 2-NITROPHENOL
 28 C425 105-67-9 2,4-DIMETHYLPHENOL
 29 C430 65-85-0 BENZOIC ACID
 30 C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
 31 C445 120-82-1 1,2,4-TRICHLORO BENZENE
 32 C440 120-83-2 2,4-DICHLOROPHENOL
 33 C450 91-20-3 NAPHTHALENE
 34 C455 106-47-8 4-CHLOROANILINE
 35 C460 87-68-3 HEXACHLOROBUTADIENE
 36 C465 59-50-7 4-CHLOR-3-METHYLPHENOL
 37 C470 91-57-6 2-METHYLNAPHTHALENE
 38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
 39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
 40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
 41 C525 91-58-7 2-CHLORONAPHTHALENE
 42 C530 88-74-4 2-NITROANILINE
 43 C535 131-11-3 DIMETHYLPHTHALATE
 44 C540 208-96-8 ACENAPHTHYLENE
 45 C543 606-20-2 2,6-DINITROTOLUENE
 46 C545 99-09-2 3-NITROANILINE
 47 C550 83-32-9 ACENAPHTHENE

002153

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1809	10:19	1	1.000	A BB	176840.	40.000 NG/UL	6.26
2	136	2351	13:24	2	1.000	A BB	516676.	40.000 NG/UL	6.26
3	164	3128	17:50	3	1.000	A BB	249216.	40.000 NG/UL	6.26
4	188	3788	21:35	4	1.000	A BB	255772.	40.000 NG/UL	6.26
5	240	4976	28:22	5	1.000	A BB	68464. <i>Handwritten: 2nd peak</i>	40.000 NG/UL	6.26
6	264	5600	31:55	6	1.000	A BB	55396.	40.000 UG/ML	6.26
7	112	1277	7:17	1	0.706	A BB	429917.	84.431 UG/ML	13.21
8	99	1682	9:35	1	0.930	A BB	457224.	64.864 UG/ML	10.15
9	82	2046	11:40	2	0.870	A BB	242312.	43.650 UG/ML	6.83
10	172	2841	16:12	3	0.908	A BB	348544.	40.269 UG/ML	6.30
11	330	3479	19:50	4	0.918	A BB	115476.	104.775 UG/ML	16.39
12	244	4521	25:46	5	0.909	A BB	137020.	61.353 UG/ML	9.60
13	NOT	FOUND							
14	NOT	FOUND							
15	NOT	FOUND							
16	NOT	FOUND							
17	NOT	FOUND							
18	NOT	FOUND							
19	NOT	FOUND							
20	NOT	FOUND							
21	NOT	FOUND							
22	NOT	FOUND							
23	NOT	FOUND							
24	NOT	FOUND							
25	NOT	FOUND							
26	NOT	FOUND							
27	NOT	FOUND							
28	NOT	FOUND							
29	NOT	FOUND							
30	NOT	FOUND							
31	NOT	FOUND							
32	NOT	FOUND							
33	NOT	FOUND							
34	NOT	FOUND							
35	NOT	FOUND							
36	NOT	FOUND							
37	NOT	FOUND							
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39	NOT	FOUND							
40	NOT	FOUND							
41	NOT	FOUND							
42	NOT	FOUND							
43	NOT	FOUND							
44	NOT	FOUND							
45	NOT	FOUND							
46	NOT	FOUND							
47	NOT	FOUND							
48	NOT	FOUND							
49	NOT	FOUND							
50	NOT	FOUND							

Quantitation Report File: 12189304

Data: 12189304.T1

12/18/93 13:47:00

Sample: MB*1123*1 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 96-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUOROANTHENE
74	C775 90-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACE10PHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	Xlot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								

002155

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount
63	NOT	FOUND						
64	NOT	FOUND						
65	NOT	FOUND						
66	NOT	FOUND						
67	NOT	FOUND						
68	NOT	FOUND						
69	NOT	FOUND						
70	NOT	FOUND						
71	NOT	FOUND						
72	NOT	FOUND						
73	NOT	FOUND						
74	NOT	FOUND						
75	NOT	FOUND						
76	NOT	FOUND						
77	NOT	FOUND						
78	NOT	FOUND						
79	NOT	FOUND						
80	NOT	FOUND						
81	NOT	FOUND						

49.223
%Tot

002156

PROCEDURE: TCA
 DATA FILE: 12189305
 REFERENCE: TABSV
 NAME LIST: SV
 REPORT: MI

DIAGNOSTIC REPORT

12/20/93 9:09:14

< ---- STANDARDS ----- >< --- PLUS UNKNOWN --- >< - LIST NAMES - >
 PROC USED POSS RMS PROC USED POSS RMS STANDARD/UNKNOWN
 6 6 1 131 12 12 1 131 MI/MS
 6 6 1 131 16 9 1 145 MI/M1
 6 6 1 131 16 7 1 117 MI/M2
 6 6 1 131 16 7 1 174 MI/M3
 6 6 1 131 16 9 1 151 MI/M4
 6 6 1 131 16 7 1 148 MI/M5
 6 6 1 131 25 7 1 131 MI/M6

81 COMPOUNDS PROCESSED. 22 FOUND

< COMPOUND >< ----- SEARCH ----- >< SAT >< ----- CHRD ----- >
 NO LIB ENTRY REF PRED SEL DELTA PEAKS FIT PEAKS M/Z TOP DELTA PEAKS
 1 S1 1 -1821 1811 1810 -1 1 997 152 1810 1
 2 S1 2 -2363 2352 2352 1 992 136 2352 1
 3 S1 3 -3139 3127 3128 1 997 164 3128 1
 4 S1 4 -3801 3788 3789 1 989 188 3789 1
 5 S1 5 -4991 4976 4976 1 994 240 4976 1
 6 S1 6 -5619 5602 5601 -1 1 953 264 5601 1
 7 S1 7 -1287 1278 1277 -1 1 997 112 1277 1
 8 S1 8 -1692 1682 1684 2 1 998 99 1685 1
 9 S1 9 -2058 2048 2047 -1 1 996 82 2047 1
 10 S1 10 -2853 2842 2842 1 998 172 2842 1
 11 S1 11 -3492 3480 3480 1 979 330 3480 1
 12 S1 12 -4534 4520 4522 2 1 993 244 4522 1
 13 S1 13 -1698 1689 1691 2 1 997 94 1691 1
 14 S1 14 -1729 1720 1721 -1 1 1000 93 1722 1
 15 S1 15 -1731 1722 1721 -1 1 1000 128 1721 1
 16 S1 16 -1794 1784 1784 1 997 146 1817 1
 17 S1 17 -1828 1818 1817 -1 1 997 146 1817 1
 18 S1 18 -1887 1877 1877 1 997 146 1817 1
 19 S1 19 -1892 1882 1882 1 997 108 1817 1
 20 S1 20 -1947 1937 1937 1 997 108 1817 1
 21 S1 21 -2016 2006 2006 1 997 108 1817 1
 22 S1 22 -1957 1947 1947 1 997 45 1817 1
 23 S1 23 -2012 2002 2002 1 997 70 1817 1
 24 S1 24 -2029 2019 2019 1 997 117 1817 1
 25 S1 25 -2067 2057 2057 1 997 77 1817 1
 26 S1 26 -2177 2167 2167 1 997 82 1817 1
 27 S1 27 -2203 2192 2192 1 997 139 1817 1
 28 S1 28 -2242 2231 2231 1 997 107 1817 1
 29 S1 29 -2307 2296 2296 1 997 122 1817 1
 30 S1 30 -2285 2274 2274 1 997 93 1817 1
 31 S1 31 -2343 2332 2332 1 975 180 2332 1
 32 S1 32 -2309 2298 2298 1 975 162 2332 1
 33 S1 33 -2372 2362 2362 1 975 128 2332 1
 34 S1 34 -2407 2397 2397 1 975 127 2332 1
 35 S1 35 -2437 2427 2427 1 975 225 2332 1
 36 S1 36 -2632 2621 2624 3 1 994 107 2624 1
 37 S1 37 -2681 2670 2670 1 994 142 2624 1
 38 S1 38 -2753 2742 2742 1 994 237 2624 1
 39 S1 39 -2811 2800 2800 1 994 196 2624 1
 40 S1 40 -2822 2811 2811 1 994 196 2624 1
 41 S1 41 -2894 2883 2883 1 994 162 2624 1
 42 S1 42 -2948 2937 2937 1 994 63 2624 1
 43 S1 43 -3047 3035 3035 1 994 163 2624 1

002157

44	S1	44	-3075	3063						152	3062			49	225
45	S1	45	-3065	3053						165					1
46	S1	46	-2948	2937						138					
47	S1	47	-3155	3143	3143		1	995		153	3143				1
48	S1	48	-3179	3167						184					
49	S1	49	-3219	3207	3210	3	1	985		109	3211	1			1
50	S1	50	-3233	3221						168					
51	S1	51	-3241	3229	3229		1	994		165	3229				1
52	S1	52	-3366	3354						149					
53	S1	53	-3399	3387						204					
54	S1	54	-3386	3374						166					
55	S1	55	-3404	3392						138					
56	S1	56	-3484	3442						169					
57	S1	57	-3419	3407						198					
58	S1	58	-3615	3602						248					
59	S1	59	-3627	3614						283					
60	S1	60	-3720	3707	3709	2	1	926		266	3709				1
61	S1	61	-3812	3799						178					
62	S1	62	-3834	3821						178					
63	S1	63	-4102	4088						149					
64	S1	64	-4344	4330						202					
65	S1	65	-4443	4429	4430	1	1	994		202	4430				1
66	S1	66	-4772	4757						149					
67	S1	67	-4988	4973						252					
68	S1	68	-4987	4972						228					
69	S1	69	-5044	5029						149					
70	S1	70	-5002	4987						228					
71	S1	71	-5326	5310						149					
72	S1	72	-5445	5429						252					
73	S1	73	-5457	5441						252					
74	S1	74	-5591	5575						252					
75	S1	75	-6235	6218						276					
76	S1	76	-6260	6243						278					
77	S1	77	-6418	6400						276					
78	S1	178	-2639	2628						105					
79	S1	78	-643	635						42					
80	S1	107	-3753	3740						184					
81	S1	97	-3469	3456						77					

Quantitation Report File: 12189305

Data: 12189305.T1

12/18/93 14:44:00

Sample: SP1*1123*1 SUR*50*100 1AR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLORO BENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-D8 **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4165-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D3 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLORO BENZENE
17	C340 106-46-7 1,4-DICHLORO BENZENE
18	C350 95-50-1 1,2-DICHLORO BENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLORO BENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002159

No Name
 48 C555 51-28-5 2,4-DINITROPHENDI.
 49 C560 100-02-7 4-NITROPHENDL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
1	152	1810	10:19	1	1.000	A BB	176984.	40.000 NG/UL	3.04
2	136	2352	13:24	2	1.000	A BB	544804.	40.000 NG/UL	3.04
3	164	3128	17:50	3	1.000	A BB	263952.	40.000 NG/UL	3.04
4	188	3789	21:36	4	1.000	A BB	286728.	40.000 NG/UL	3.04
5	240	4976	28:22	5	1.000	A BB	80904.1	40.000 NG/UL	3.04
6	264	5601	31:56	6	1.000	A BB	698009	40.000 UG/ML	3.04
7	112	1277	7:17	1	0.706	A BB	400923.	78.673 UG/ML	5.97
8	99	1685	9:36	1	0.931	A BB	560096.	79.393 UG/ML	6.02
9	82	2047	11:40	2	0.870	A BB	247380.	42.262 UG/ML	3.21
10	172	2842	16:12	3	0.909	A BB	364224.	39.732 UG/ML	3.02
11	330	3480	19:50	4	0.918	A BB	123644.	100.074 UG/ML	7.59
12	244	4522	25:47	5	0.909	A BB	144600.	54.791 UG/ML	4.16
13	94	1691	9:38	1	0.934	A BB	618588.	81.681 UG/ML	6.20
14	93	1722	9:49	1	0.951	A BB	8472.	1.327 UG/ML	0.10
15	128	1721	9:49	1	0.951	A BB	494832.	89.218 UG/ML	6.77
16	NOT FOUND								
17	146	1817	10:21	1	1.004	A BB	251684.	39.348 UG/ML	2.99
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	180	2332	13:18	2	0.991	A BB	184672.	41.433 UG/ML	3.14
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	107	2624	14:57	2	1.116	A BB	369952.	98.138 UG/ML	7.45
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	152	3062	17:27	3	0.979	A BB	608.	0.055 UG/ML	0.00
45	NOT FOUND								
46	NOT FOUND								
47	153	3143	17:55	3	1.005	A BB	276296.	41.286 UG/ML	3.13
48	NOT FOUND								
49	109	3211	18:18	3	1.027	A BB	44436.	70.422 UG/ML	5.34
50	NOT FOUND								

002160

Quantitation Report File: 12189305

Date: 12189305.TI

12/18/93 14:44:00

Sample: SP1*1123*1 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. Fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C690 84-74-2 DI-N-BUTYLPHTHALATE
64	C695 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACEIOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
51	165	3229	18:24	3	1.032	A 88	77828.	41.266 UG/ML	3.13
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	266	3709	21:08	4	0.979	A 88	130608.	103.859 UG/ML	7.88
61	NOT FOUND								
62	NOT FOUND								

002161

49 229

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
63	NOT	FOUND							
64	NOT	FOUND							
65	202	4430	25:15	5	0.890	A BB	245280.	74.880 UG/ML	5.68
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	NOT	FOUND							
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002162

PROCEDURE: TCA
 DATA FILE: 12189306
 REFERENCE: TABSV
 NAME LIST: SV
 REPORT: MI

DIAGNOSTIC REPORT

12/20/93 9:19:37

INITIALIZATION OPTION: 2 PROCESSING OPTION: 3

< ---- STANDARDS ---- >				>< --- PLUS UNKNOWN --- ><				>< - LIST NAMES - >	
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN	
6	6	1	142	12	12	1	116	MI/MS	
6	6	1	142	16	7	1	169	MI/M1	
6	6	1	142	16	6	1	142	MI/M2	
6	6	1	142	16	6	1	142	MI/M3	
6	6	1	142	16	6	1	142	MI/M4	
6	6	1	142	16	6	1	142	MI/M5	
6	6	1	142	25	6	1	142	MI/M6	

81 COMPOUNDS PROCESSED, 13 FOUND

< COMPOUND ><			>< SEARCH ><					>< SAT ><		>< CHRD ><			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	F11	PEAKS	M/Z	TOP	DELTA	PEAKS
1	S1	1	-1821	1811	1810	-1	1	995	.	132	1810	.	1
2	S1	2	-2363	2352	2351	-1	1	985	.	136	2351	.	1
3	S1	3	-3139	3127	3128	1	1	998	.	164	3128	.	1
4	S1	4	-3801	3788	3789	1	1	985	.	188	3788	-1	1
5	S1	5	-4991	4976	4976	.	1	995	.	240	4976	.	1
6	S1	6	-5619	5602	5601	-1	1	955	.	264	5601	.	1
7	S1	7	-1287	1277	1277	.	1	998	.	112	1276	-1	1
8	S1	8	-1692	1682	1681	-1	1	998	.	99	1681	.	1
9	S1	9	-2058	2047	2046	-1	1	997	.	82	2046	.	1
10	S1	10	-2853	2841	2842	1	1	997	.	172	2842	.	1
11	S1	11	-3492	3479	3479	.	1	985	.	330	3479	.	1
12	S1	12	-4534	4520	4521	1	1	994	.	244	4521	.	1
13	S1	13	-1698	1687	1685	-2	1	1000	.	94	1685	.	1
14	S1	14	-1729	1718	.	.	.	.	.	93	.	.	.
15	S1	15	-1731	1720	.	.	.	.	.	128	.	.	.
16	S1	16	-1794	1783	.	.	.	.	.	146	.	.	.
17	S1	17	-1828	1817	.	.	.	.	.	146	.	.	.
18	S1	18	-1887	1876	.	.	.	.	.	146	.	.	.
19	S1	19	-1892	1881	.	.	.	.	.	108	.	.	.
20	S1	20	-1947	1936	.	.	.	.	.	108	.	.	.
21	S1	21	-2016	2005	.	.	.	.	.	108	.	.	.
22	S1	22	-1957	1946	.	.	.	.	.	45	.	.	.
23	S1	23	-2012	2002	.	.	.	.	.	70	.	.	.
24	S1	24	-2029	2019	.	.	.	.	.	117	.	.	.
25	S1	25	-2067	2056	.	.	.	.	.	77	.	.	.
26	S1	26	-2177	2166	.	.	.	.	.	82	.	.	.
27	S1	27	-2203	2192	.	.	.	.	.	139	.	.	.
28	S1	28	-2242	2231	.	.	.	.	.	107	.	.	.
29	S1	29	-2307	2296	.	.	.	.	.	122	.	.	.
30	S1	30	-2285	2274	.	.	.	.	.	93	.	.	.
31	S1	31	-2343	2332	.	.	.	.	.	180	.	.	.
32	S1	32	-2309	2298	.	.	.	.	.	162	.	.	.
33	S1	33	-2372	2361	.	.	.	.	.	128	.	.	.
34	S1	34	-2407	2396	.	.	.	.	.	127	.	.	.
35	S1	35	-2437	2426	.	.	.	.	.	225	.	.	.
36	S1	36	-2632	2620	.	.	.	.	.	107	.	.	.
37	S1	37	-2681	2669	.	.	.	.	.	142	.	.	.
38	S1	38	-2753	2741	.	.	.	.	.	237	.	.	.
39	S1	39	-2811	2799	.	.	.	.	.	196	.	.	.
40	S1	40	-2822	2810	.	.	.	.	.	196	.	.	.
41	S1	41	-2894	2882	.	.	.	.	.	162	.	.	.
42	S1	42	-2948	2936	.	.	.	.	.	65	.	.	.
43	S1	43	-3047	3035	.	.	.	.	.	163	.	.	.

002163

44	S1	44	-3075	3063	152
45	S1	45	-3065	3053	165
46	S1	46	-2948	2936	138
47	S1	47	-3155	3143	153
48	S1	48	-3179	3167	184
49	S1	49	-3219	3207	109
50	S1	50	-3233	3220	168
51	S1	51	-3241	3228	165
52	S1	52	-3366	3353	149
53	S1	53	-3399	3386	204
54	S1	54	-3386	3373	166
55	S1	55	-3404	3391	138
56	S1	56	-3454	3441	169
57	S1	57	-3419	3406	198
58	S1	58	-3615	3602	248
59	S1	59	-3627	3614	253
60	S1	60	-3720	3707	266
61	S1	61	-3812	3799	178
62	S1	62	-3834	3820	178
63	S1	63	-4102	4088	149
64	S1	64	-4344	4330	202
65	S1	65	-4443	4428	202
66	S1	66	-4772	4757	149
67	S1	67	-4988	4973	252
68	S1	68	-4987	4972	228
69	S1	69	-5044	5028	149
70	S1	70	-5002	4987	228
71	S1	71	-5326	5310	149
72	S1	72	-5445	5429	252
73	S1	73	-5457	5441	252
74	S1	74	-5591	5575	252
75	S1	75	-6235	6217	276
76	S1	76	-6260	6242	278
77	S1	77	-6418	6400	276
78	S1	178	-2639	2627	105
79	S1	78	-643	635	42
80	S1	107	-3753	3740	184
81	S1	97	-3469	3456	77

Quantitation Report File: 12189306

Data: 12189306.TI

12/18/93 15:41:00

Sample: CDDMTW*22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No Name

1 C130 3853-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
 2 C140 1146-65-2 NAPHTHALENE-D8 **IS2**
 3 C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
 4 C160 1517-22-2 PHENANTHRENE-D10 **IS4**
 5 C170 1719-03-5 CHRYSENE-D10 **IS5**
 6 C175 1520-96-3 PERYLENE-D12 **IS6**
 7 C550 367-12-4 2-FLUOROPHENOL **SU1**
 8 C945 4169-62-2 PHENOL-D5 **SU2**
 9 C520 4165-60-0 NITROBENZENE-D5 **SU3**
 10 C525 321-60-8 2-FLUOROBIPHENYL **SU4**
 11 C555 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
 12 C530 1718-91-0 TERPHENYL-D14 **SU6**
 13 C315 108-95-2 PHENOL
 14 C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
 15 C330 95-57-8 2-CHLOROPHENOL
 16 C335 541-73-1 1,3-DICHLOROBENZENE
 17 C340 106-46-7 1,4-DICHLOROBENZENE
 18 C350 95-50-1 1,2-DICHLOROBENZENE
 19 C345 100-51-6 BENZYL ALCOHOL
 20 C355 95-48-7 2-METHYLPHENOL
 21 C365 106-44-9 4-METHYLPHENOL
 22 C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
 23 C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
 24 C375 67-72-1 HEXACHLOROETHANE
 25 C410 98-95-3 NITROBENZENE
 26 C415 78-59-1 ISOPHORONE
 27 C420 88-75-5 2-NITROPHENOL
 28 C425 105-67-9 2,4-DIMETHYLPHENOL
 29 C430 65-85-0 BENZOIC ACID
 30 C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
 31 C445 120-82-1 1,2,4-TRICHLOROBENZENE
 32 C440 120-83-2 2,4-DICHLOROPHENOL
 33 C450 91-20-3 NAPHTHALENE
 34 C455 106-47-8 4-CHLOROANILINE
 35 C460 87-68-3 HEXACHLOROBTADIENE
 36 C465 59-50-7 4-CHLOR-3-METHYLPHENOL
 37 C470 91-57-6 2-METHYLNAPHTHALENE
 38 C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
 39 C515 88-06-2 2,4,6-TRICHLOROPHENOL
 40 C520 95-95-4 2,4,5-TRICHLOROPHENOL
 41 C525 91-58-7 2-CHLORONAPHTHALENE
 42 C530 88-74-4 2-NITROANILINE
 43 C535 131-11-3 DIMETHYLPHTHALATE
 44 C540 208-96-8 ACENAPHTHYLENE
 45 C543 606-20-2 2,6-DINITROTOLUENE
 46 C545 99-09-2 3-NITROANILINE
 47 C550 83-32-9 ACENAPHTHENE

002165

No Name
 48 C555 31-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	Xlot
1	152	1810	10:19	1	1.000	A BB	143892.	40.000 NG/UL	7.22
2	136	2351	13:24	2	1.000	A BB	439380.	40.000 NG/UL	7.22
3	164	3128	17:50	3	1.000	A BB	214608.	40.000 NG/UL	7.22
4	188	3788	21:35	4	1.000	A BB	247016.	40.000 NG/UL	7.22
5	240	4976	28:22	5	1.000	A BB	979000.	40.000 NG/UL	7.22
6	264	5601	31:56	6	1.000	A BB	91988.	40.000 UG/ML	7.22
7	112	1276	7:16	1	0.705	A BB	294328.	71.039 UG/ML	12.82
8	99	1681	9:35	1	0.929	A BB	400092.	69.755 UG/ML	12.59
9	82	2046	11:40	2	0.870	A BB	182996.	38.764 UG/ML	7.00
10	172	2842	16:12	3	0.909	A BB	271728.	36.457 UG/ML	6.58
11	330	3479	19:50	4	0.918	A BB	95412.	89.639 UG/ML	16.18
12	244	4521	25:46	5	0.909	A BB	21688.	6.791 UG/ML	1.23
13	94	1685	9:36	1	0.931	A BB	10496.	1.705 UG/ML	0.31
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

Date: 12189306.T1

12/18/93 15:41:00

Sample: CDDMTW*22 SUR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 334-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	ZTot
51	NOT FOUND								
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								

002167

49 235

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	zTot
63	NOT	FOUND							
64	NOT	FOUND							
65	NOT	FOUND							
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	NOT	FOUND							
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002168

PROCEDURE: TCA
DATA FILE: 12189307
REFERENCE: TABSV
NAME LIST: SV
REPORT: MI

DIAGNOSTIC REPORT

49 236
12/20/93 9:30:25

< ---- STANDARDS ---- >< ---- PLUS UNKNOWN ---- >< - LIST NAMES - >									
PROC	USED	POSS	RMS	PRDC	USED	POSS	RMS	STANDARD/UNKNOWN	
6	6	1	114	12	12	1	113	MI/MS	
6	6	1	114	16	9	1	116	MI/M1	
6	6	1	114	16	7	1	102	MI/M2	
6	6	1	114	16	7	1	163	MI/M3	
6	6	1	114	16	9	1	168	MI/M4	
6	6	1	114	16	7	1	126	MI/M5	
6	6	1	114	25	8	1	109	MI/M6	

B1 COMPOUNDS PROCESSED. 23 FOUND

< COMPOUND >			SEARCH				>< SAT ><		>< CHRD ><				
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	S1	1	-1821	1811	1810	-1	1	998		132	1810		1
2	S1	2	-2363	2352	2352		1	988		136	2352		1
3	S1	3	-3139	3127	3128	1	1	995		164	3128		1
4	S1	4	-3801	3788	3789	1	1	992		188	3789		1
5	S1	5	-4991	4976	4977	1	1	996		240	4977		1
6	S1	6	-5619	5603	5602	-1	1	977		264	5603	1	1
7	S1	7	-1287	1278	1277	-1	1	994		112	1277		1
8	S1	8	-1692	1682	1684	2	1	997		99	1684		1
9	S1	9	-2058	2048	2047	-1	1	998		82	2047		1
10	S1	10	-2853	2842	2842		1	996		172	2842		1
11	S1	11	-3492	3480	3480		1	983		330	3480		1
12	S1	12	-4534	4520	4522	2	1	993		244	4522		1
13	S1	13	-1698	1688	1690	2	1	999		94	1690		1
14	S1	14	-1729	1719						93			
15	S1	15	-1731	1721	1721		1	995		128	1721		1
16	S1	16	-1794	1784						146			
17	S1	17	-1828	1818	1817	-1	1	996		146	1817		1
18	S1	18	-1887	1877						146			
19	S1	19	-1892	1882						108			
20	S1	20	-1947	1937						108			
21	S1	21	-2016	2006						108			
22	S1	22	-1957	1947						45			
23	S1	23	-2012	2002						70			
24	S1	24	-2029	2019						117			
25	S1	25	-2067	2057						77			
26	S1	26	-2177	2166						82			
27	S1	27	-2203	2192						139			
28	S1	28	-2242	2231						107			
29	S1	29	-2307	2296						122			
30	S1	30	-2285	2274						93			
31	S1	31	-2343	2332	2332		1	974		180	2332		1
32	S1	32	-2309	2298						162			
33	S1	33	-2372	2362						128			
34	S1	34	-2407	2397						127			
35	S1	35	-2437	2427						225			
36	S1	36	-2632	2621	2624	3	1	994		107	2625	1	1
37	S1	37	-2681	2670						142			
38	S1	38	-2753	2742						237			
39	S1	39	-2811	2800						196			
40	S1	40	-2822	2811						196			
41	S1	41	-2894	2883						162			
42	S1	42	-2948	2937						69			
43	S1	43	-3047	3036						163			

002169

002169

44	S1	44	-3075	3064	.	.	.	.	152	49	237	.
45	S1	45	-3065	3054	.	.	.	.	169	.	.	.
46	S1	46	-2948	2937	.	.	.	.	138	.	.	.
47	S1	47	-3155	3144	3143	-1	1	995	153	3142	-1	1
48	S1	48	-3179	3168	.	.	.	.	184	.	.	.
49	S1	49	-3219	3208	3211	3	1	986	109	3212	1	1
50	S1	50	-3233	3222	.	.	.	.	168	.	.	.
51	S1	51	-3241	3229	3230	1	1	997	165	3229	-1	1
52	S1	52	-3366	3354	.	.	.	.	149	.	.	.
53	S1	53	-3399	3387	.	.	.	.	204	.	.	.
54	S1	54	-3386	3374	.	.	.	.	166	.	.	.
55	S1	55	-3404	3392	.	.	.	.	138	.	.	.
56	S1	56	-3454	3442	.	.	.	.	169	.	.	.
57	S1	57	-3419	3407	.	.	.	.	198	.	.	.
58	S1	58	-3619	3603	.	.	.	.	248	.	.	.
59	S1	59	-3627	3615	.	.	.	.	283	.	.	.
60	S1	60	-3720	3707	3709	2	1	925	266	3709	.	1
61	S1	61	-3812	3799	.	.	.	.	178	.	.	.
62	S1	62	-3834	3821	.	.	.	.	178	.	.	.
63	S1	63	-4102	4089	4090	1	1	997	149	4090	.	1
64	S1	64	-4344	4331	.	.	.	.	202	.	.	.
65	S1	65	-4443	4429	4430	1	1	994	202	4430	.	1
66	S1	66	-4772	4758	.	.	.	.	149	.	.	.
67	S1	67	-4988	4974	.	.	.	.	252	.	.	.
68	S1	68	-4987	4973	.	.	.	.	228	.	.	.
69	S1	69	-5044	5030	.	.	.	.	149	5031	.	1
70	S1	70	-5002	4988	.	.	.	.	228	.	.	.
71	S1	71	-5326	5311	.	.	.	.	149	.	.	.
72	S1	72	-5445	5430	.	.	.	.	252	.	.	.
73	S1	73	-5457	5442	.	.	.	.	252	.	.	.
74	S1	74	-5591	5576	.	.	.	.	252	.	.	.
75	S1	75	-6235	6219	.	.	.	.	276	.	.	.
76	S1	76	-6260	6244	.	.	.	.	278	.	.	.
77	S1	77	-6418	6402	.	.	.	.	276	.	.	.
78	S1	178	-2639	2628	.	.	.	.	105	.	.	.
79	S1	78	-643	635	.	.	.	.	42	.	.	.
80	S1	107	-3793	3740	.	.	.	.	184	.	.	.
81	S1	97	-3469	3457	.	.	.	.	77	.	.	.

Date: 12189307.TI

12/18/93 16:38:00

Sample: SPM1*CDDMTW822 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. Fac. from Library Entry

No Name

1	CI30 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	CI40 1146-65-2 NAPHTHALENE-D8 **IS2**
3	CI50 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	CI60 1517-22-2 PHENANTHRENE-D10 **IS4**
5	CI70 1719-03-9 CHRYSENE-D10 **IS5**
6	CI75 1920-96-3 PERYLENE-D12 **IS6**
7	CS50 367-12-4 2-FLUOROPHENOL **SU1**
8	CS45 4169-62-2 PHENOL-D5 **SU2**
9	CS20 4165-60-0 NITROBENZENE-D5 **SU3**
10	CS25 321-60-8 2-FLUOROBIPHENYL **SU4**
11	CS55 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	CS30 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

002171

No Name
 48 C555 51-28-5 2,4-DINITROPHENOL
 49 C560 100-02-7 4-NITROPHENOL
 50 C563 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1810	10:19	1	1.000	A BB	182508.	40.000 NG/UL	3.28
2	136	2352	13:24	2	1.000	A BB	558708.	40.000 NG/UL	3.28
3	164	3128	17:50	3	1.000	A BB	285904.	40.000 NG/UL	3.28
4	188	3789	21:36	4	1.000	A BB	372304.	40.000 NG/UL	3.28
5	240	4977	28:22	5	1.000	A BB	175792.	40.000 NG/UL	3.28
6	264	5603	31:36	6	1.000	A BB	169632.	40.000 UG/ML	3.28
7	112	1277	7:17	1	0.706	A BB	363238.	69.121 UG/ML	5.66
8	99	1684	9:36	1	0.930	A BB	492708.	67.727 UG/ML	5.55
9	82	2047	11:40	2	0.870	A BB	238752.	39.773 UG/ML	3.26
10	172	2842	16:12	3	0.909	A BB	340956.	34.338 UG/ML	2.81
11	330	3480	19:50	4	0.918	A BB	143116.	89.209 UG/ML	7.31
12	244	4522	25:47	5	0.909	A BB	79472.	13.859 UG/ML	1.14
13	94	1690	9:38	1	0.934	A BB	578252.	74.043 UG/ML	6.07
14	NOT FOUND								
15	128	1721	9:49	1	0.951	A BB	489672.	89.616 UG/ML	7.02
16	NOT FOUND								
17	146	1817	10:21	1	1.004	A BB	211892.	32.124 UG/ML	2.63
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	180	2332	13:18	2	0.991	A BB	157724.	34.907 UG/ML	2.83
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	107	2625	14:58	2	1.116	A BB	392260.	101.466 UG/ML	8.31
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	153	3142	17:55	3	1.004	A BB	303000.	41.799 UG/ML	3.43
48	NOT FOUND								
49	109	3212	18:19	3	1.027	A BB	57372.	83.942 UG/ML	6.88
50	NOT FOUND								

002172

Quantitation Report File: 12189307

Data: 12189307.T1

12/18/93 16:38:00

Sample: SPH1*CDDMTW822 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,F)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	3229	18:24	3	1.032	A BB	96716.	47.344 UG/ML	3.68
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	266	3709	21:08	4	0.979	A BB	189092.	115.803 UG/ML	9.49
61	NOT FOUND								
62	NOT FOUND								

002173

49 241

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	zTot
63	149	4090	23:19	4	1.079	A BB	1056.	0.987 UG/ML	0.01
64	NOT	FOUND							
65	202	4430	25:15	5	0.890	A BB	353280.	48.839 UG/ML	4.00
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	149	5031	28:41	9	1.011	A BB	2536.	0.786 UG/ML	0.06
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002174

PROCEDURE: TCA
 DATA FILE: 12189308
 REFERENCE: TABSV
 NAME LIST: SV
 REPORT: MI

DIAGNOSTIC REPORT

12/20/93 10:16:06

< ---- STANDARDS ---- >				>< --- PLUS UNKNOWN --- ><				>< - LIST NAMES - >	
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN	
6	6	1	142	12	12	1	141	MI/MS	
6	6	1	142	16	9	1	153	MI/M1	
6	6	1	142	16	7	1	132	MI/M2	
6	6	1	142	16	7	1	161	MI/M3	
6	6	1	142	16	9	1	170	MI/M4	
6	6	1	142	16	7	1	159	MI/M5	
6	6	1	142	25	7	1	129	MI/M6	

81 COMPOUNDS PROCESSED, 22 FOUND

< COMPOUND >		>< ----- SEARCH ----- ><							>< SAT ><		>< ----- CHRD ----- >		
NO	L18 ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS	
1	S1	1	-1821	1811	1810	-1	1	997	152	1810	.	1	
2	S1	2	-2363	2352	2351	-1	1	988	136	2351	.	1	
3	S1	3	-3139	3127	3128	1	1	994	164	3128	.	1	
4	S1	4	-3801	3788	3789	1	1	985	188	3789	.	1	
5	S1	5	-4991	4976	4976	.	1	998	240	4975	-1	1	
6	S1	6	-5619	5602	5601	-1	1	961	264	5601	.	1	
7	S1	7	-1287	1278	1278	.	1	996	112	1278	.	1	
8	S1	8	-1692	1683	1685	2	1	997	99	1685	.	1	
9	S1	9	-2098	2048	2047	-1	1	997	82	2048	1	1	
10	S1	10	-2853	2842	2842	.	1	997	172	2842	.	1	
11	S1	11	-3492	3480	3481	1	1	984	330	3480	-1	1	
12	S1	12	-4534	4520	4521	1	1	998	244	4521	.	1	
13	S1	13	-1698	1688	1691	3	1	1000	94	1691	.	1	
14	S1	14	-1729	1719	.	.	.	.	93	1720	.	1	
15	S1	15	-1731	1721	1721	.	1	998	128	1720	-1	1	
16	S1	16	-1794	1784	.	.	.	.	146	.	.	.	
17	S1	17	-1828	1818	1817	-1	1	998	146	1817	.	1	
18	S1	18	-1887	1877	.	.	.	.	146	.	.	.	
19	S1	19	-1892	1882	.	.	.	.	108	.	.	.	
20	S1	20	-1947	1937	.	.	.	.	108	.	.	.	
21	S1	21	-2016	2006	.	.	.	.	108	.	.	.	
22	S1	22	-1957	1947	.	.	.	.	45	.	.	.	
23	S1	23	-2012	2001	.	.	.	.	70	.	.	.	
24	S1	24	-2029	2018	.	.	.	.	117	.	.	.	
25	S1	25	-2067	2056	.	.	.	.	77	.	.	.	
26	S1	26	-2177	2166	.	.	.	.	82	.	.	.	
27	S1	27	-2203	2192	.	.	.	.	139	.	.	.	
28	S1	28	-2242	2231	.	.	.	.	107	.	.	.	
29	S1	29	-2307	2296	.	.	.	.	122	.	.	.	
30	S1	30	-2285	2274	.	.	.	.	93	.	.	.	
31	S1	31	-2343	2332	2331	-1	1	978	180	2331	.	1	
32	S1	32	-2309	2298	.	.	.	.	162	.	.	.	
33	S1	33	-2372	2361	.	.	.	.	128	.	.	.	
34	S1	34	-2407	2396	.	.	.	.	127	.	.	.	
35	S1	35	-2437	2426	.	.	.	.	225	.	.	.	
36	S1	36	-2632	2621	2623	2	1	992	107	2623	.	1	
37	S1	37	-2681	2670	.	.	.	.	142	.	.	.	
38	S1	38	-2753	2742	.	.	.	.	237	.	.	.	
39	S1	39	-2811	2800	.	.	.	.	196	.	.	.	
40	S1	40	-2822	2811	.	.	.	.	196	.	.	.	
41	S1	41	-2894	2883	.	.	.	.	162	.	.	.	
42	S1	42	-2948	2936	.	.	.	.	65	.	.	.	
43	S1	43	-3047	3035	.	.	.	.	163	.	.	.	

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44	S1	44	-3075	3063					152	3062		1
45	S1	45	-3065	3053					165			
46	S1	46	-2948	2936					138			
47	S1	47	-3155	3143	3142	-1	1	996	153	3142		1
48	S1	48	-3179	3167					184			
49	S1	49	-3219	3207	3210	3	1	987	109	3210		1
50	S1	50	-3233	3221					168			
51	S1	51	-3241	3229	3228	-1	1	994	165	3228		1
52	S1	52	-3366	3354					149			
53	S1	53	-3399	3387					204			
54	S1	54	-3386	3374					166			
55	S1	55	-3404	3392					138			
56	S1	56	-3454	3441					169			
57	S1	57	-3419	3407					198			
58	S1	58	-3615	3602					248			
59	S1	59	-3627	3614					283			
60	S1	60	-3720	3707	3709	2	1	934	266	3708	-1	1
61	S1	61	-3812	3799					178			
62	S1	62	-3834	3821					178			
63	S1	63	-4102	4088					149			
64	S1	64	-4344	4330					202			
65	S1	65	-4443	4429	4429		1	984	202	4429		1
66	S1	66	-4772	4757					149			
67	S1	67	-4988	4973					252			
68	S1	68	-4987	4972					228			
69	S1	69	-5044	5029					149	5031		1
70	S1	70	-5002	4987					228			
71	S1	71	-5326	5310					149			
72	S1	72	-5445	5429					252			
73	S1	73	-5457	5441					252			
74	S1	74	-5591	5575					252			
75	S1	75	-6235	6218					276			
76	S1	76	-6260	6243					278			
77	S1	77	-6418	6400					276			
78	S1	178	-2639	2628					105			
79	S1	78	-643	635					42			
80	S1	107	-3753	3740					184			
81	S1	97	-3469	3456					77			

Quantitation Report File: 12189308

Data: 12189308.T1

12/18/93 17:36:00

Sample: 8PM2*CDDMTW*22 SUR*50*100 (AR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
1	C130 3859-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-D8 **IS2**
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1920-96-3 PERYLENE-D12 **IS6**
7	C550 367-12-4 2-FLUOROPHENOL **SU1**
8	C545 4165-62-2 PHENOL-D5 **SU2**
9	C820 4165-60-0 NITROBENZENE-D5 **SU3**
10	C825 321-60-8 2-FLUOROBIPHENYL **SU4**
11	C555 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	C530 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 99-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

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No Name
 48 C955 51-28-5 2,4-DINITROPHENOL
 49 C960 100-02-7 4-NITROPHENOL
 50 C965 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	XTot
1	152	1810	10:19	1	1.000	A BB	132580.	40.000 NG/UL	2.43
2	136	2351	13:24	2	1.000	A BB	403284.	40.000 NG/UL	2.43
3	164	3128	17:50	3	1.000	A BB	190848.	40.000 NG/UL	2.43
4	188	3789	21:36	4	1.000	A BB	239600.	40.000 NG/UL	2.43
5	240	4975	28:21	5	1.000	A BB	113588. <i>Handwritten: 113588</i>	40.000 NG/UL	2.43
6	264	5601	31:56	6	1.000	A BB	114104. <i>Handwritten: 114104</i>	40.000 UG/ML	2.43
7	112	1278	7:17	1	0.706	A BB	661528. <i>Handwritten: 661528</i>	173.288 UG/ML	10.31
8	99	1685	9:36	1	0.931	A BB	893872. <i>Handwritten: 893872</i>	169.142 UG/ML	10.26
9	82	2048	11:40	2	0.871	A BB	403720.	93.174 UG/ML	5.65
10	172	2842	16:12	3	0.909	A BB	540040.	81.476 UG/ML	4.94
11	330	3480	19:50	4	0.918	A BB	209284. <i>Handwritten: 209284</i>	202.706 UG/ML	12.30
12	244	4521	25:46	5	0.909	A BB	62868.	16.967 UG/ML	1.03
13	94	1691	9:38	1	0.934	A BB	506180.	89.224 UG/ML	5.41
14	93	1720	9:48	1	0.950	A BB	6324.	1.322 UG/ML	0.08
15	128	1720	9:48	1	0.950	A BB	395696.	95.238 UG/ML	5.78
16	NOT FOUND								
17	146	1817	10:21	1	1.004	A BB	207216.	43.246 UG/ML	2.62
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	180	2331	13:17	2	0.991	A BB	143720.	43.561 UG/ML	2.64
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	107	2623	14:57	2	1.116	A BB	272628.	97.699 UG/ML	5.93
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	152	3062	17:27	3	0.979	A BB	3092.	0.387 UG/ML	0.02
45	NOT FOUND								
46	NOT FOUND								
47	193	3142	17:55	3	1.004	A BB	197200.	40.754 UG/ML	2.47
48	NOT FOUND								
49	109	3210	18:18	3	1.026	A BB	35272.	77.311 UG/ML	4.69
50	NOT FOUND								

002178

Data: 12189308.TI

12/18/93 17:36:00

Sample: SPM2*CDDMTW*22 SUR*50*100 TAR*50*100

Conds.:

Formula: FINDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C585 7005-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUDRENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 534-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 56-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 50-32-8 BENZO(A)PYRENE
75	C780 193-39-5 INDENO(1,2,3-CD)PYRENE
76	C785 53-70-3 DIBENZO(A,K)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 532-27-4 2-CHLORACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
51	165	3228	18:24	3	1.032	A BB	62064.	45.513 UG/ML	2.76
52	NOT FOUND								
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	266	3708	21:08	4	0.979	A BB	113208.	107.730 UG/ML	6.53
61	NOT FOUND								
62	NOT FOUND								

002179

49 247

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	NOT	FOUND							
64	NOT	FOUND							
65	202	4429	25:15	5	0.890	A BB	129564.	27.721 UG/ML	1.68
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	149	5031	28:41	5	1.011	A BB	4884.	2.165 UG/ML	0.13
70	NOT	FOUND							
71	NOT	FOUND							
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

002180

PROCEDURE: TCA
 DATA FILE: 12189309
 REFERENCE: TABSV
 NAME LIST: SV
 REPORT: MI

DIAGNOSTIC REPORT

12/20/93 10:26:31

< ---- STANDARDS ---- >				< ---- PLUS UNKNOWN ---- >				< - LIST NAMES - >	
PROC	USED	POSS	RMS	PROC	USED	POSS	RMS	STANDARD/UNKNOWN	
6	6	1	203	12	12	1	172	MI/MS	
6	6	1	203	16	7	1	200	MI/M1	
6	6	1	203	16	6	1	203	MI/M2	
6	6	1	203	16	6	1	203	MI/M3	
6	6	1	203	16	6	1	203	MI/M4	
6	6	1	203	16	6	1	203	MI/M5	
6	6	1	203	25	8	5	194	MI/M6	

81 COMPOUNDS PROCESSED, 15 FOUND

< COMPOUND >			< SEARCH >					< SAT >		< CHRO >			
NO	LIB	ENTRY	REF	PRED	SEL	DELTA	PEAKS	FIT	PEAKS	M/Z	TOP	DELTA	PEAKS
1	S1	1	-1821	1811	1810	-1	1	995	.	132	1810	.	1
2	S1	2	-2363	2352	2351	-1	1	990	.	136	2351	.	1
3	S1	3	-3139	3127	3129	2	1	994	.	164	3129	.	1
4	S1	4	-3801	3788	3791	3	1	991	.	188	3791	.	1
5	S1	5	-4991	4977	4977	.	1	995	.	240	4977	.	1
6	S1	6	-5619	5604	5602	-2	1	960	.	264	5602	.	1
7	S1	7	-1287	1278	1277	-1	1	997	.	112	1277	.	1
8	S1	8	-1692	1682	1683	1	1	998	.	99	1683	.	1
9	S1	9	-2058	2048	2046	-2	1	999	.	82	2046	.	1
10	S1	10	-2853	2842	2842	.	1	996	.	172	2842	.	1
11	S1	11	-3492	3480	3482	2	1	846	.	330	3482	.	1
12	S1	12	-4534	4521	4523	2	1	995	.	244	4523	.	1
13	S1	13	-1698	1688	1686	-2	1	994	.	94	1686	.	1
14	S1	14	-1729	1719	.	.	.	.	.	93	.	.	.
15	S1	15	-1731	1721	.	.	.	.	.	128	.	.	.
16	S1	16	-1794	1783	.	.	.	.	.	146	.	.	.
17	S1	17	-1828	1817	.	.	.	.	.	146	.	.	.
18	S1	18	-1887	1876	.	.	.	.	.	146	.	.	.
19	S1	19	-1892	1881	.	.	.	.	.	108	.	.	.
20	S1	20	-1947	1936	.	.	.	.	.	108	.	.	.
21	S1	21	-2016	2005	.	.	.	.	.	108	.	.	.
22	S1	22	-1957	1946	.	.	.	.	.	45	.	.	.
23	S1	23	-2012	2002	.	.	.	.	.	70	.	.	.
24	S1	24	-2029	2019	.	.	.	.	.	117	.	.	.
25	S1	25	-2067	2057	.	.	.	.	.	77	.	.	.
26	S1	26	-2177	2167	.	.	.	.	.	82	.	.	.
27	S1	27	-2203	2193	.	.	.	.	.	139	.	.	.
28	S1	28	-2242	2232	.	.	.	.	.	107	.	.	.
29	S1	29	-2307	2296	.	.	.	.	.	122	.	.	.
30	S1	30	-2285	2275	.	.	.	.	.	93	.	.	.
31	S1	31	-2343	2332	.	.	.	.	.	180	.	.	.
32	S1	32	-2309	2298	.	.	.	.	.	162	.	.	.
33	S1	33	-2372	2361	.	.	.	.	.	128	.	.	.
34	S1	34	-2407	2396	.	.	.	.	.	127	.	.	.
35	S1	35	-2437	2426	.	.	.	.	.	225	.	.	.
36	S1	36	-2632	2621	.	.	.	.	.	107	.	.	.
37	S1	37	-2681	2670	.	.	.	.	.	142	.	.	.
38	S1	38	-2753	2742	.	.	.	.	.	237	.	.	.
39	S1	39	-2811	2800	.	.	.	.	.	196	.	.	.
40	S1	40	-2822	2811	.	.	.	.	.	196	.	.	.
41	S1	41	-2894	2883	.	.	.	.	.	162	.	.	.
42	S1	42	-2948	2937	.	.	.	.	.	65	.	.	.
43	S1	43	-3047	3035	.	.	.	.	.	163	.	.	.

002181

44	S1	44	-3075	3063						192	49	249	
45	S1	45	-3065	3053						165			
46	S1	46	-2948	2937						138			
47	S1	47	-3155	3143						153			
48	S1	48	-3179	3167						184			
49	S1	49	-3219	3207						109			
50	S1	50	-3233	3221						168			
51	S1	51	-3241	3229						165			
52	S1	52	-3366	3354						149	3353		1
53	S1	53	-3397	3387						204			
54	S1	54	-3386	3374						166			
55	S1	55	-3404	3392						138			
56	S1	56	-3454	3442						169			
57	S1	57	-3419	3407						178			
58	S1	58	-3615	3603						248			
59	S1	59	-3627	3615						283			
60	S1	60	-3720	3708						266			
61	S1	61	-3812	3799						178			
62	S1	62	-3834	3821						178			
63	S1	63	-4102	4090	4091	1	5	1000		149	4091		1
64	S1	64	-4344	4331						202			
65	S1	65	-4443	4430						202			
66	S1	66	-4772	4759						149			
67	S1	67	-4988	4975						252			
68	S1	68	-4987	4974						228			
69	S1	69	-5044	5031	5032	1	1	803		149	5032		1
70	S1	70	-5002	4989						228			
71	S1	71	-5326	5312						149	5310		1
72	S1	72	-5445	5431						252			
73	S1	73	-5457	5443						252			
74	S1	74	-5591	5577						252			
75	S1	75	-6235	6220						276			
76	S1	76	-6260	6245						278			
77	S1	77	-6418	6403						276			
78	S1	178	-2639	2628						105			
79	S1	78	-643	635						42			
80	S1	107	-3753	3741						184			
81	S1	97	-3469	3457						77			

Quantitation Report File: 121B9309

Data: 121B9309.T1
 12/18/93 18:33:00
 Sample: CDDMTW*37 SUR*50*100
 Conds.:

Formula: FINDL4 FINSSM4
 Submitted by: DMRITTER

Instrument: FINN
 Analyst: 0642

Weight: 0.000
 Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)
 Resp. fac. from Library Entry

No	Name
1	C130 3855-82-1 1,4-DICHLOROBENZENE-D4 **IS1**
2	C140 1146-65-2 NAPHTHALENE-D8 ** IS2 **
3	C150 15067-26-2 ACENAPHTHENE-D10 **IS3**
4	C160 1517-22-2 PHENANTHRENE-D10 **IS4**
5	C170 1719-03-5 CHRYSENE-D10 **IS5**
6	C175 1520-96-3 PERYLENE-D12 **IS6**
7	C550 367-12-4 2-FLUDROPHENOL **SU1**
8	C545 4165-62-2 PHENOL-D5 **SU2**
9	C520 4165-60-0 NITROBENZENE-D5 **SU3**
10	C525 321-60-8 2-FLUOROBIPHENYL **SU4**
11	C555 118-79-6 2,4,6-TRIBROMOPHENOL *SU5**
12	C530 1718-51-0 TERPHENYL-D14 **SU6**
13	C315 108-95-2 PHENOL
14	C325 111-44-4 BIS(2-CHLOROETHYL)ETHER
15	C330 95-57-8 2-CHLOROPHENOL
16	C335 541-73-1 1,3-DICHLOROBENZENE
17	C340 106-46-7 1,4-DICHLOROBENZENE
18	C350 95-50-1 1,2-DICHLOROBENZENE
19	C345 100-51-6 BENZYL ALCOHOL
20	C355 95-48-7 2-METHYLPHENOL
21	C365 106-44-5 4-METHYLPHENOL
22	C360 39638-32-9 BIS(C-CHLOROETHYLISOPROPYL)ETHER
23	C370 621-64-7 N-NITROSO-DI-PROPYLAMINE
24	C375 67-72-1 HEXACHLOROETHANE
25	C410 98-95-3 NITROBENZENE
26	C415 78-59-1 ISOPHORONE
27	C420 88-75-5 2-NITROPHENOL
28	C425 105-67-9 2,4-DIMETHYLPHENOL
29	C430 65-85-0 BENZOIC ACID
30	C435 111-91-1 BIS(2-CHLOROETHOXY)METHANE
31	C445 120-82-1 1,2,4-TRICHLOROBENZENE
32	C440 120-83-2 2,4-DICHLOROPHENOL
33	C450 91-20-3 NAPHTHALENE
34	C455 106-47-8 4-CHLOROANILINE
35	C460 87-68-3 HEXACHLOROBUTADIENE
36	C465 59-50-7 4-CHLOR-3-METHYLPHENOL
37	C470 91-57-6 2-METHYLNAPHTHALENE
38	C510 77-47-4 HEXACHLOROCYCLOPENTADIENE
39	C515 88-06-2 2,4,6-TRICHLOROPHENOL
40	C520 95-95-4 2,4,5-TRICHLOROPHENOL
41	C525 91-58-7 2-CHLORONAPHTHALENE
42	C530 88-74-4 2-NITROANILINE
43	C535 131-11-3 DIMETHYLPHTHALATE
44	C540 208-96-8 ACENAPHTHYLENE
45	C543 606-20-2 2,6-DINITROTOLUENE
46	C545 99-09-2 3-NITROANILINE
47	C550 83-32-9 ACENAPHTHENE

No Name
 48 C555 51-28-5 2,4-DINITROPHENDL
 49 C560 100-02-7 4-NITROPHENDL
 50 C565 132-64-9 DIBENZOFURAN

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	UTot
1	152	1810	10:19	1	1.000	A BB	182540.	40.000 NG/UL	6.19
2	136	2351	13:24	2	1.000	A BB	592472.	40.000 NG/UL	6.19
3	164	3129	17:50	3	1.000	A BB	278876.	40.000 NG/UL	6.19
4	188	3791	21:37	4	1.000	A BB	328060.	40.000 NG/UL	6.19
5	240	4977	28:22	5	1.000	A BB	139328.	40.000 NG/UL	6.19
6	264	5602	31:56	6	1.000	A BB	125224.	40.000 UG/ML	6.19
7	112	1277	7:17	1	0.706	A BB	434987.	86.565 UG/ML	13.40
8	99	1683	9:36	1	0.930	A BB	602921.	82.862 UG/ML	12.83
9	82	2046	11:40	2	0.870	A BB	259532.	40.771 UG/ML	6.31
10	172	2842	16:12	3	0.908	A BB	425668.	43.949 UG/ML	6.80
11	330	3482	19:51	4	0.918	A BB	127936.	90.502 UG/ML	14.01
12	244	4523	25:47	5	0.909	A BB	200608.	44.139 UG/ML	6.83
13	94	1686	9:37	1	0.931	A BB	16956.	2.171 UG/ML	0.34
14	NOT FOUND								
15	NOT FOUND								
16	NOT FOUND								
17	NOT FOUND								
18	NOT FOUND								
19	NOT FOUND								
20	NOT FOUND								
21	NOT FOUND								
22	NOT FOUND								
23	NOT FOUND								
24	NOT FOUND								
25	NOT FOUND								
26	NOT FOUND								
27	NOT FOUND								
28	NOT FOUND								
29	NOT FOUND								
30	NOT FOUND								
31	NOT FOUND								
32	NOT FOUND								
33	NOT FOUND								
34	NOT FOUND								
35	NOT FOUND								
36	NOT FOUND								
37	NOT FOUND								
38	NOT FOUND								
39	NOT FOUND								
40	NOT FOUND								
41	NOT FOUND								
42	NOT FOUND								
43	NOT FOUND								
44	NOT FOUND								
45	NOT FOUND								
46	NOT FOUND								
47	NOT FOUND								
48	NOT FOUND								
49	NOT FOUND								
50	NOT FOUND								

Quantitation Report File: 12189309

Data: 12189309.T1

12/18/93 18:33:00

Sample: CDDMTW*37 SUR*50*100

Conds.:

Formula: FJNDL4 FINSSM4

Instrument: FINN

Weight: 0.000

Submitted by: DMRITTER

Analyst: 0642

Acct. No.:

AMOUNT=AREA * REF AMNT/(REF AREA * RESP FACT)

Resp. Fac. from Library Entry

No	Name
51	C570 121-14-2 2,4-DINITROTOLUENE
52	C580 84-66-2 DIETHYLPHTHALATE
53	C985 7009-72-3 4-CHLOROPHENYL-PHENYL ETHER
54	C590 86-73-7 FLUORENE
55	C595 100-01-6 4-NITROANILINE
56	C615 86-30-6 N-NITROSODIPHENYLAMINE
57	C610 934-52-1 4,6-DINITRO-2-METHYLPHENOL
58	C625 101-55-3 4-BROMOPHENYL-PHENYLETHER
59	C630 118-74-1 HEXACHLOROBENZENE
60	C635 87-86-5 PENTACHLOROPHENOL
61	C640 85-01-8 PHENANTHRENE
62	C645 120-12-7 ANTHRACENE
63	C650 84-74-2 DI-N-BUTYLPHTHALATE
64	C655 206-44-0 FLUORANTHENE
65	C715 129-00-0 PYRENE
66	C720 85-68-7 BUTYLBENZYLPHTHALATE
67	C725 91-94-1 3,3'-DICHLOROBENZIDINE
68	C730 96-55-3 BENZO(A)ANTHRACENE
69	C745 117-81-7 BIS(2-ETHYLHEXYL)PHTHALATE
70	C740 218-01-9 CHRYSENE
71	C760 117-84-0 DI-N-OCTYLPHTHALATE
72	C765 205-99-2 BENZO(B)FLUORANTHENE
73	C770 207-08-9 BENZO(K)FLUORANTHENE
74	C775 90-32-8 BENZO(A)PYRENE
75	C780 193-39-3 INDENO(1,2,3-CD)PYRENE
76	C785 93-70-3 DIBENZO(A,H)ANTHRACENE
77	C790 191-24-2 BENZO(G,H,I)PERYLENE
78	CXXX 932-27-4 2-CHLORACETOPHENONE
79	CXXX 62-75-9 N-NITROSODIMETHYLAMINE
80	CXXX 92-87-5 BENZIDINE
81	CXXX 122-66-7 DIPHENYLHYDRAZINE/ 103-33-3 AZOBENZENE

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	Lot
51	NOT FOUND								
52	149	3353	19:07	3	1.072	A BB	4196.	~~0.556~~ UG/ML	0.09
53	NOT FOUND								
54	NOT FOUND								
55	NOT FOUND								
56	NOT FOUND								
57	NOT FOUND								
58	NOT FOUND								
59	NOT FOUND								
60	NOT FOUND								
61	NOT FOUND								
62	NOT FOUND								

002185

49 253

No	m/z	Scan	Time	Ref	RRT	Meth	Area(Hght)	Amount	%Tot
63	149	4091	23:19	4	1.079	A BB	1537.	~~0.144~~ UG/ML	0.02
64	NOT	FOUND							
65	NOT	FOUND							
66	NOT	FOUND							
67	NOT	FOUND							
68	NOT	FOUND							
69	149	5032	28:41	5	1.011	A BB	36164.	13.074 UG/ML	2.02
70	NOT	FOUND							
71	149	5310	30:16	6	0.948	A VB	4857.	1.166 UG/ML	0.18
72	NOT	FOUND							
73	NOT	FOUND							
74	NOT	FOUND							
75	NOT	FOUND							
76	NOT	FOUND							
77	NOT	FOUND							
78	NOT	FOUND							
79	NOT	FOUND							
80	NOT	FOUND							
81	NOT	FOUND							

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PROJECT

Continued From Page

ANALY	CATNO.	CONCENTRATION	SI/STD MIX
1	4-8980	2000 μ /ml	
2	4-8980		
3	4-8981		
4	4-8985		
5	4-8986		
6	4-8987		
7	4-8988		
8	4-8985		
9	4-8985	1000	
10	4-8985	1000	

PREPARE STOCK STANDARD SOLUTION (00813-37) 200 μ /ml. R/ CASHMERE I.D.M.C.

FROM EACH OF 10 ANALYSES

THEN PREPARE WORKING STANDARDS AS FOLLOWS:

ALYSTOCK	ALYSTOCK	VOLUME	CONCENTRATION	
0.10	0.90	1.0 ml	20 μ /ml	00813-37-20A
0.250	0.750	1.0 ml	50	- 50A
0.40	0.60	1.0 ml	80	- 80A
0.60	0.40	1.0 ml	120	- 120A
0.80	0.20	1.0 ml	160	- 160A

PREPARE ADDITIONAL WORKING STANDARDS AS NEEDED FROM STOCK STANDARD SOLUTION.

Continued on Page 38

Read and Understood By

D. R. RITOR

Signed

12/8/43

Date

M. A. B. B. B.

Signed

12/8/92

Date

002187

24367

Compound 2-CHLOROACETOPHENONE CAS# C1968-6 Lot# 02105K2

Actual
Weight
from
working
solution
10/11/93

FW 154.60
bp 244-245
mp 54-56
d 1.324

WEIGHT ¹⁰ ~~25~~ mg INTO A ¹⁰ 25 mL VOLUMETRIC FLASK & FILL
TO 25 mL SOLVENT OF 100% CHLORINE SOLVENT
FROM WORKING SOLUTION, PIPET 50 μ L INTO 1 mL ALIQUOT
TUBES & A 50 μ L ALIQUOT SENT.

CHANGED
INITIALS
TO DMR

WATERMILL + PIPET = 37.9392
100% CHLORINE WTg = 37.9218

ACTUAL MG AMOUNT = 0.0174 mg

ACTUAL WORKING SOLUTION CONC = 1740 μ g/mL
STORED IN STD FREEZER IN QUARTER
50 μ L TO 1 mL YOUNG SOLN CONC = 87 μ g/mL

1 mL PREPARED 00813-36.1 DMR 11/23/93

Continued on Page

Read and Understood By

DMR

Signed

11/23/93

Date

M. De

Signed

12/9/93

Date

002158

66

PROJECT HUNTSVILLE COE - DDMTNotebook No. 911

Continued From Page

79340826 0201
Nm8270 1130
msCNDMTW* 22,37, 20ms, msd,
SPK, BLK

- 1- Poured up 100ml sample pH=7
Adjusted to 2
- 2- Spiked sample
- 3- RUN started at 5:00
OFF AT 11:00

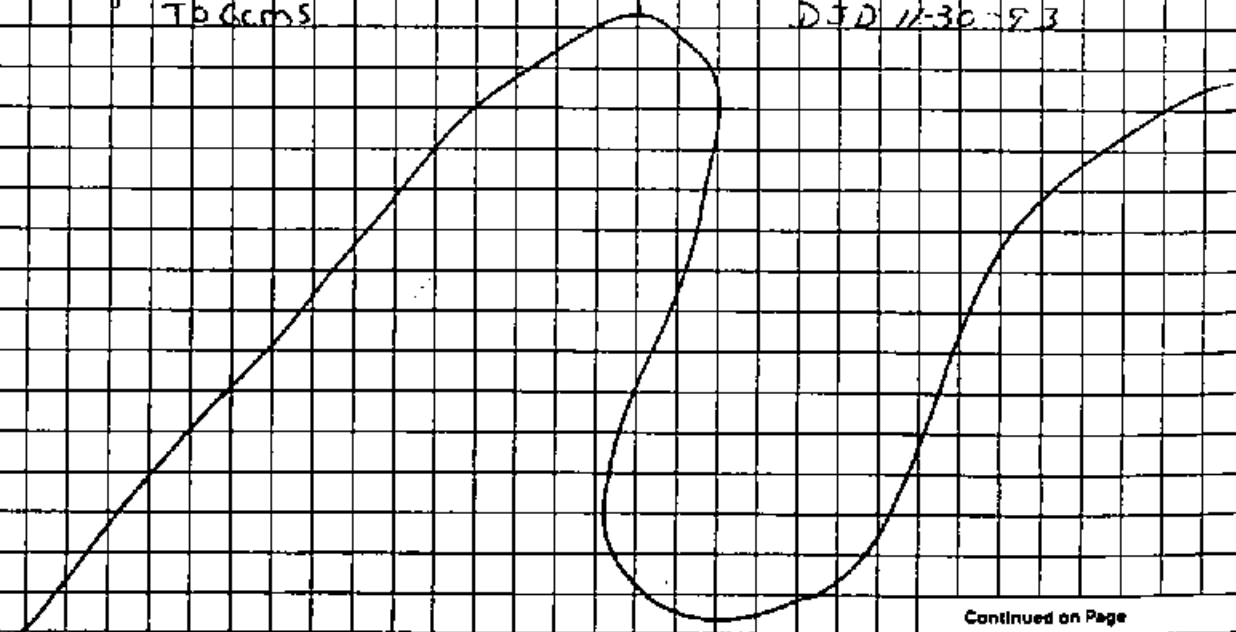
Conc to ~ 10ml nm 11/24/93

- 1) Boiled 1. pH 4 / 2. Run started at 2p - 11/24/93
- 2) off 8:00 11-25-93 pH 2.11, poured through NUS SD + funnel into KD
reverses, concentrated to ~ 10ml CH₂Cl₂ Acid + base combined.
11-25-93

Concentrated to .5ml

Brought to 10ml in Auto sample vials
To GCMS

DJD 11-30-93



Continued on Page

N. Mathis
Signed11/23/93
Date

Read and Understood By

Dana Doohan
Signed

11-30-93

002190

SAMPLES: CODMTW* 22, 37SAMPLE FRACTION: MS

EXTRACTION SOLVENT: Methylene Chloride

8210 BNA H2O BY CONT. EXT.

1. Set up cont. ext. with 400ml MeCl2
2. Pour up 1L of sample into the mixing cylinder
Use HPLC H2O for QC
3. Check PH, adjust to 2 with 1:2 H2SO4 PH= 2
4. Pour the sample into the cont. ext.
5. Spike the samples
6. Extract (acid phase) for 18 hours time on 5:00 time off 11:00 PM 11-24-93
7. Check Ph of the sample after extracting PH= 2 11/24/93
8. Pour 400ml of MeCl2 into a clean boiling flask,
attach it to the cont. ext.
9. Adjust PH of sample to 11 with 10N NaOH
10. Extract (base phase) for 18 hours time on 2:00 time off 11:00 PM 11-25-93
Check PH of the sample after extracting PH= 11
11. Pour extracts into KDs through funnels packed with
MeCl cleaned glasswool and baked sodium sulfate
Base phase 11-25-93
Acid phase CAC 11-24-93
12. Combine acid phase and base phase concentrate to 0.5ml
at 65 degrees C Base : acid phase combined & taken to ~10ml MeCl 11-30-93
11-25-93
13. Bring to 1.0ml MeCl2 in clean autosampler vials
14. Check NON-THAMA lot folder off of clipboard,
turn in to GCMS
15. Put samples into GCMS freezer

QC REQUIRED

	YES	NO
BLK	☒	☐
SPK	☒	☐
MS	☒	☐
MSD	☒	☐

HPLC H2O LOT#

MeCl2 LYT#

Chain of Custody	H2O 11/24/93	Base phase & Acid (10) 11/24/93	Fridge 26 CAC 11-24-93	196A 11/25/93
11/25/93 TUGAM 11/25/93 11/30-93				

002191

Environmental Science and Engineering 11/18/93 STATUS:

P# 1 OF 2

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1241 ***

C# 6 OF 6

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDDPTWPROJECT NAME HUNTSVILLE COE - DDMC
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBERCOLLECTION DATES: A=11/17/93
RECEIPT DATES : A=11/18/93
LAB DUE DATES : A=12/16/93
TURNAROUND :
QC :
COMMENTS/QC FR:MATRIX : M DET. LIMIT SPEC'D : NONE SPECIFIED
SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NF, NP, NP, VP, VP, VP, VP, VP,COLLECTION DATE CODES: AAAAAA
RECEIPT DATE CODES: AAAAAA
LAB DUE DATE CODES: AAAAAA

SAMPLE SEQ #

			EXTRACT	DET. LMT.	12246
			GROUP	CRITERIA	842931
001	ACENAPHTHENE	,UG/L	34205*8270/3520-G	NVO	00000N
002	ACENAPHTHYLENE	,UG/L	34200*8270/3520-G	NVO	00000N
003	ANTHRACENE	,UG/L	34220*8270/3520-G	NVO	00000N
004	BENZO (A) ANTHRACENE	,UG/L	34826*8270/3520-G	NVO	00000N
005	BENZO (B) FLUORANTHENE	,UG/L	34230*8270/3520-G	NVO	00000N
006	BENZO (K) FLUORANTHENE	,UG/L	34242*8270/3520-G	NVO	00000N
007	BENZO (A) PYRENE	,UG/L	34247*8270/3520-G	NVO	00000N
008	BENZO (GHI) PERYLENE	,UG/L	34521*8270/3520-G	NVO	00000N
009	BUTYLBENZYLPHthalate	,UG/L	34292*8270/3520-G	NVO	00000N
010	BIS (2-CHLOROETHYL) ETHER	,UG/L	34273*8270/3520-G	NVO	00000N
011	BIS (2-CHLOROETHOXY) METHAN	,UG/L	34278*8270/3520-G	NVO	00000N
012	BIS (2-ETHYLHEXYL) PHTHALA	,UG/L	39100*8270/3520-G	NVO	00000N
013	BIS (2-CHL' ISOPROPYL) ETHER	,UG/L	34283*8270/3520-G	NVO	00000N
014	4-BROMOPHENYLPHENYL ETHER	,UG/L	34636*8270/3520-G	NVO	00000N
015	2-CHLORONAPHTHALENE	,UG/L	34581*8270/3520-G	NVO	00000N
016	2-CHLOROPHENOL	,UG/L	34586*8270/3520-G	NVO	00000N
017	4-CHLORO-1-METHYL PHENOL	,UG/L	34452*8270/3520-G	NVO	00000N
018	4-CHLOROPHENYLPHENYL ETHER	,UG/L	34641*8270/3520-G	NVO	00000N
019	CHRYSENE	,UG/L	34320*8270/3520-G	NVO	00000N
020	DIBEN' (A,H) ANTH' CENE	,UG/L	34556*8270/3520-G	NVO	00000N
021	DI-N-BUTYLPHthalate	,UG/L	39110*8270/3520-G	NVO	00000N
022	1,3-DICHLOROBENZENE	,UG/L	34566*8270/3520-G	NVO	00000N
023	1,2-DICHLOROBENZENE	,UG/L	34536*8270/3520-G	NVO	00000N
024	1,4-DICHLOROBENZENE	,UG/L	34571*8270/3520-G	NVO	00000N
025	3,3'-DICHL' BENZIDINE	,UG/L	34631*8270/3520-G	NVO	00000N
026	2,4-DICHLOROPHENOL	,UG/L	34601*8270/3520-G	NVO	00000N
027	DISTHYLPHthalate	,UG/L	34336*8270/3520-G	NVO	00000N
028	2,4-DIMETHYLPHENOL	,UG/L	34606*8270/3520-G	NVO	00000N
029	DIMETHYLPHthalate	,UG/L	34341*8270/3520-G	NVO	00000N
030	2,4-DINITROPHENOL	,UG/L	34616*8270/3520-G	NVO	00000N
031	2,4-DINITROTOLUENE	,UG/L	34611*8270/3520-G	NVO	00000N
032	2,6-DINITROTOLUENE	,UG/L	34626*8270/3520-G	NVO	00000N
033	DI-N-OCTYLPHthalate	,UG/L	34596*8270/3520-G	NVO	00000N
034	FLUORANTHENE	,UG/L	34376*8270/3520-G	NVO	00000N
035	FLUORENE	,UG/L	34381*8270/3520-G	NVO	00000N
036	HEKACHLOROBENZENE	,UG/L	39700*8270/3520-G	NVO	00000N
037	HEKACHLOROBUTADIENE	,UG/L	34391*8270/3520-G	NVO	00000N
038	HEKACHLOROCYCLOPENTADIENE	,UG/L	34386*8270/3520-G	NVO	00000N
039	HEKACHLOROETHANE	,UG/L	34396*8270/3520-G	NVO	00000N
040	INDENO (1,2,3-CD) PYRENE	,UG/L	34403*8270/3520-G	NVO	00000N

O-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* "STORET" * NOT ON DEPT AVAIL NUMS

002192

Environmental Science and Engineering 11/18/93 STATUS:

P# 2 OF 2

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1241 ***

C# 6 OF 6

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDDMTWPROJECT NAME HUNTSVILLE COE - DDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBER

COLLECTION DATES: A=11/17/93

RECEIPT DATES : A=11/18/93

LAB DUE DATES : A=12/16/93

TURNAROUND :

QC :

COMMENTS/QC FR:

MATRIX : W

DET. LIMIT SPEC'D : NONE SPECIFIED

SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NP, NP, NP, VP, VP, VP, VP, VP.

COLLECTION DATE CODES:	AAAAAA
RECEIPT DATE CODES:	AAAAAA
LAB DUE DATE CODES:	AAAAAA

			EXTRACT	DET.LMT.	12246
			GROUP	CRITERIA	842931
041 * ISOPHORONE	,UG/L	34408*8270/3520-G	NVO		00000N
042 * 2-METHYL-4,6-DINITROPHENOL	,UG/L	34657*8270/3520-G	NVO		00000N
043 * 2-METHYL PHENOL	,UG/L	99073*8270/3520-G			00000N
044 * 4-METHYL PHENOL	,UG/L	99074*8270/3520-G			00000N
045 * NAPHTHALENE	,UG/L	34696*8270/3520-G	NVO		00000N
046 NITROBENZENE	,UG/L	34447*8270/3520-G	NVO		00000N
047 * 2-NITROPHENOL	,UG/L	34591*8270/3520-G	NVO		00000N
048 * 4-NITROPHENOL	,UG/L	34646*8270/3520-G	NVO		00000N
049 * N-NITROSODI-N-PROPYLAMINE	,UG/L	34428*8270/3520-G	NVO		00000N
050 * N-NITROSODIPHE'AMINE	,UG/L	34433*8270/3520-G	NVO		00000N
051 * PENTACHLOROPHENOL	,UG/L	39032*8270/3520-G	NVO		00000N
052 * PHENANTHRENE	,UG/L	34461*8270/3520-G	NVO		00000N
053 PHENOL	,UG/L	34594*8270/3520-G	NVO		00000N
054 * PYRENE	,UG/L	34469*8270/3520-G	NVO		00000N
055 * 1,2,4-TRICH' BENZENE	,UG/L	34551*8270/3520-G	NVO		00000N
056 * 2,4,6-TRICHL' PHENOL	,UG/L	34621*8270/3520-G	NVO		00000N
057 BENZYL ALCOHOL	,UG/L	77147*8270/3520-G	NVO		00000N
058 * BENZOIC ACID	,UG/L	77247*8270/3520-G			00000N
059 * 4-CHLORDANILINE	,UG/L	99075*8270/3520-G	NVO		00000N
060 * 2-NITROANILINE	,UG/L	99077*8270/3520-G	NVO		00000N
061 * 3-NITROANILINE	,UG/L	99078*8270/3520-G	NVO		00000N
062 * 4-NITROANILINE	,UG/L	99079*8270/3520-G	NVO		00000N
063 * 2-METHYLNAPHTHALENE	,UG/L	77416*8270/3520-G			00000N
064 * 2,4,5-TRICHL' PHENOL	,UG/L	77687*8270/3520-G	NVO		00000N
065 * DIBENZOFURAN	,UG/L	81302*8270/3520-G			00000N

O-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED

* "STORET" = NOT ON DEPT AVAIL NUMS

002193

Environmental Science and Engineering 11/19/93 STATUS:

P# 1 OF 2

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1241 ***

C# 6 OF 6

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDDMTWPROJECT NAME HUNTSVILLE COE - DDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBERCOLLECTION DATES: A-11/18/93
RECEIPT DATES : A-11/19/93
LAB DUE DATES : A-12/17/93
TURNAROUND :
OC :
COMMENTS/OC FR:MATRIX : W DET. LIMIT SPEC'D : NONE SPECIFIED
SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NF, NP, NP, VP, VP, VP, VP, VP.SAMPLE SEQ #
COLLECTION DATE CODES: AAAAAAAAAA
RECEIPT DATE CODES: AAAAAAAAAA
LAB DUE DATE CODES: AAAAAAAAAA

		EXTRACT DET. LMT. 123344446		GROUP CRITERIA 5512705674	
001	ACENAPHTHENE	,UG/L	34205*8270/3520-G	NVO	000000000N
002	ACENAPHTHYLENE	,UG/L	34200*8270/3520-G	NVO	000000000N
003	ANTHRACENE	,UG/L	34220*8270/3520-G	NVO	000000000N
004	BENZO(A)ANTHRACENE	,UG/L	34526*8270/3520-G	NVO	000000000N
005	BENZO(B)FLUORANTHENE	,UG/L	34230*8270/3520-G	NVO	000000000N
006	BENZO(K)FLUORANTHENE	,UG/L	34242*8270/3520-G	NVO	000000000N
007	BENZO(A)PYRENE	,UG/L	34247*8270/3520-G	NVO	000000000N
008	BENZO(OH1)PERYLENE	,UG/L	34521*8270/3520-G	NVO	000000000N
009	BUTYLBENZYLPHthalate	,UG/L	34292*8270/3520-G	NVO	000000000N
010	BIS(2-CHLOROETHYL) ETHER	,UG/L	34273*8270/3520-G	NVO	000000000N
011	BIS(2-CHLOROETHOXY) METHAN	,UG/L	34278*8270/3520-G	NVO	000000000N
012	BIS(2-ETHYLHEXYL) PHTHALA	,UG/L	39100*8270/3520-G	NVO	000000000N
013	BIS(2-CHL'ISOPROPYL) ETHER	,UG/L	34283*8270/3520-G	NVO	000000000N
014	4-BROMOPHENYLPHENYL ETHER	,UG/L	34636*8270/3520-G	NVO	000000000N
015	2-CHLORONAPHTHALENE	,UG/L	34581*8270/3520-G	NVO	000000000N
016	2-CHLOROPHENOL	,UG/L	34586*8270/3520-G	NVO	000000000N
017	4-CHLORO-3-METHYL PHENOL	,UG/L	34457*8270/3520-G	NVO	000000000N
018	4-CHLOROPHENYLPHENYL ETHER	,UG/L	34641*8270/3520-G	NVO	000000000N
019	CHRYSENE	,UG/L	34320*8270/3520-G	NVO	000000000N
020	DIBEN(A,H)ANTH' CENE	,UG/L	34556*8270/3520-G	NVO	000000000N
021	DI-N-BUTYLPHthalate	,UG/L	39110*8270/3520-G	NVO	000000000N
022	1,3-DICHLOROBENZENE	,UG/L	34566*8270/3520-G	NVO	000000000N
023	1,2-DICHLOROBENZENE	,UG/L	34536*8270/3520-G	NVO	000000000N
024	1,4-DICHLOROBENZENE	,UG/L	34571*8270/3520-G	NVO	000000000N
025	3,3'-DICHL' BENZIDINE	,UG/L	34631*8270/3520-G	NVO	000000000N
026	2,4-DICHLOROPHENOL	,UG/L	34601*8270/3520-G	NVO	000000000N
027	DIETHYLPHthalate	,UG/L	34236*8270/3520-G	NVO	000000000N
028	2,4-DIMETHYLPHENOL	,UG/L	34606*8270/3520-G	NVO	000000000N
029	DIMETHYLPHthalate	,UG/L	34341*8270/3520-G	NVO	000000000N
030	2,4-DINITROPHENOL	,UG/L	34616*8270/3520-G	NVO	000000000N
031	2,4-DINITROTOLUENE	,UG/L	34611*8270/3520-G	NVO	000000000N
032	2,6-DINITROTOLUENE	,UG/L	34626*8270/3520-G	NVO	000000000N
033	DI-N-OCTYLPHthalate	,UG/L	34596*8270/3520-G	NVO	000000000N
034	FLUORANTHENE	,UG/L	34276*8270/3520-G	NVO	000000000N
035	FLUORENE	,UG/L	34381*8270/3520-G	NVO	000000000N
036	HEXACHLOROBENZENE	,UG/L	39700*8270/3520-G	NVO	000000000N
037	HEXACHLOROBUTADIENE	,UG/L	34391*8270/3520-G	NVO	000000000N
038	HEXACHLOROCYCLOPENTADIENE	,UG/L	34386*8270/3520-G	NVO	000000000N
039	HEXACHLOROETHANE	,UG/L	34396*8270/3520-G	NVO	000000000N
040	INDENO(1,2,3-CD) PYRENE	,UG/L	34403*8270/3520-G	NVO	000000000N

O-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* STORET* - NOT ON DEPT AVAIL NUMS

002194

Environmental Science and Engineering 11/19/93 STATUS:

P# 2 OF 2

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1241 ***

C# 6 OF 6

PROJECT NUMBER 7934082G 0201
FIELD GROUP CDMTMPROJECT NAME HUNTSVILLE COE - DDMT
PROJECT MANAGER P.C. WILBER
LAB COORDINATOR PATRICK WILBERCOLLECTION DATES: A-11/18/93
RECEIPT DATES : A-11/19/93
LAB DUE DATES : A-12/17/93
TURNAROUND :
QC :
COMMENTS/QC PR:MATRIX : M DET. LIMIT SPEC'D : NONE SPECIFIED
SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NF, NP, NP, VP, VP, VP, VP, VP.SAMPLE SEQ #
COLLECTION DATE CODES: AAAAAAAAAA
RECEIPT DATE CODES: AAAAAAAAAA
LAB DUE DATE CODES: AAAAAAAAAA

		EXTRACT	DET. LMT.	123344446
		GROUP	CRITERIA	6512705624
041	* ISOPHORONE	UG/L	34408*8270/3520-G	NVO
042	* 2-METHYL-4,6-DINITROPHENOL	UG/L	34657*8270/3520-G	NVO
043	* 2-METHYL PHENOL	UG/L	99073*8270/3520-G	
044	* 4-METHYL PHENOL	UG/L	99074*8270/3520-G	
045	* NAPHTHALENE	UG/L	34696*8270/3520-G	NVO
046	* NITROBENZENE	UG/L	34447*8270/3520-G	NVO
047	* 2-NITROPHENOL	UG/L	34591*8270/3520-G	NVO
048	* 4-NITROPHENOL	UG/L	34646*8270/3520-G	NVO
049	* N-NITROSODI-N-PROPYLAMINE	UG/L	34428*8270/3520-G	NVO
050	* N-NITROSODIPHE'AMINE	UG/L	34433*8270/3520-G	NVO
051	* PENTACHLOROPHENOL	UG/L	39032*8270/3520-G	NVO
052	* PHENANTHRENE	UG/L	34461*8270/3520-G	NVO
053	* PHENOL	UG/L	34694*8270/3520-G	NVO
054	* PYRENE	UG/L	34469*8270/3520-G	NVO
055	* 1,2,4-TRICHL'BENZENE	UG/L	34551*8270/3520-G	NVO
056	* 2,4,6-TRICHL'PHENOL	UG/L	34621*8270/3520-G	NVO
057	* BENZYL ALCOHOL	UG/L	77147*8270/3520-G	NVO
058	* BENZOIC ACID	UG/L	77247*8270/3520-G	
059	* 4-CHLOROANILINE	UG/L	99075*8270/3520-G	NVO
060	* 2-NITROANILINE	UG/L	99077*8270/3520-G	NVO
061	* 3-NITROANILINE	UG/L	99078*8270/3520-G	NVO
062	* 4-NITROANILINE	UG/L	99079*8270/3520-G	NVO
063	* 2-METHYLNAPHTHALENE	UG/L	77416*8270/3520-G	
064	* 2,4,6-TRICHL'PHENOL	UG/L	77687*8270/3520-G	NVO
065	* DIBENZOPURAN	UG/L	81302*8270/3520-G	

O-OPEN L-IN LAB E-EXTRACTED N-NOT REQUESTED D-DONE S-SCHEDULED
* "STORET" * NOT ON DEPT AVAIL NUMS

002195

OCP/PCBs - 8080

OCP/PCBs - 8080

SDG No. G44754

ANALYTICAL DATA

Lab Name: ESE

Project No.: 7934082G

SDG No: G44754

Client ID	Laboratory ID	Matrix (S/W)	Analysis	Date Collected	Date Received	Date Analyzed
CCS1	CCS*OCP60*1	W	BHC,A	00/00/00	00/00/00	12/04/93
PBLK1	MB*QC*1	W	BHC,A	00/00/00	00/00/00	12/04/93
SP1	SP1*QC*1	W	BHC,A	00/00/00	00/00/00	12/04/93
MW9MS	SPM1*CDDMTW*	W	BHC,A	11/15/93	11/16/93	12/04/93
MW9MSD	SPM2*CDDMTW*	W	BHC,A	11/15/93	11/16/93	12/04/93
MW9	CDDMTW*9	W	BHC,A	11/15/93	11/16/93	12/04/93
MW10SP	CDDMTW*10	W	BHC,A	11/11/93	11/12/93	12/04/93
MW11	CDDMTW*11	W	BHC,A	11/13/93	11/15/93	12/04/93
MW12SP	CDDMTW*12	W	BHC,A	11/11/93	11/12/93	12/04/93
CCS2	CCS*OCP60*2	W	BHC,A	00/00/00	00/00/00	12/04/93
CCS3	CCS*OCP60*3	W	BHC,A	00/00/00	00/00/00	12/04/93

Comments:

ANALYSIS DATA SHEET

PBLK1

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
 Matrix: (soil/water) WATER Lab Sample ID: MB*QC*1
 Sample wt/vol: 1000. Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/04/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.005 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.005 U
76-44-8	HEPTACHLOR (UG/L)	0.005 U
309-00-2	ALDRIN (UG/L)	0.005 U
319-85-7	BHC, B (UG/L)	0.005 U
319-86-8	BHC, D (UG/L)	0.005 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.005 U
959-98-8	ENDOSULFAN, A (UG/L)	0.005 U
72-55-9	DDE, PP' (UG/L)	0.005 U
60-57-1	DIELDRIN (UG/L)	0.005 U
72-20-8	ENDRIN (UG/L)	0.005 U
72-54-8	DDD, PP' (UG/L)	0.005 U
33213-65-9	ENDOSULFAN, B (UG/L)	0.005 U
50-29-3	DDT, PP' (UG/L)	0.005 U
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.005 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.005 U
72-43-5	METHOXYCHLOR (UG/L)	0.005 U
8001-35-2	TOXAPHENE (UG/L)	0.500 U
12674-11-2	PCB-1016 (UG/L)	0.100 U
11104-28-2	PCB-1221 (UG/L)	0.100 U
11141-16-5	PCB-1232 (UG/L)	0.100 U
53469-21-9	PCB-1242 (UG/L)	0.100 U
12672-29-6	PCB 1248 (UG/L)	0.100 U
11097-69-1	PCB-1254 (UG/L)	0.100 U
11096-82-5	PCB-1260 (UG/L)	0.100 U
57-74-9	CHLORDANE (UG/L)	0.025 U

ANALYSIS DATA SHEET

SP1

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
Matrix: (soil/water) WATER Lab Sample ID: SP1*QC*1
Sample wt/vol: 1000. Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 12/04/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q
319-84-6	BHC,A (UG/L)	0.005 U
58-89-9	BHC,G (LINDANE) (UG/L)	0.188 D
76-44-8	HEPTACHLOR (UG/L)	0.183 D
309-00-2	ALDRIN (UG/L)	0.189 D
319-85-7	BHC,B (UG/L)	0.005 U
319-86-8	BHC,D (UG/L)	0.005 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.005 U
959-98-8	ENDOSULFAN,A (UG/L)	0.005 U
72-55-9	DDE,PP' (UG/L)	0.005 U
60-57-1	DIELDRIN (UG/L)	0.420 D
72-20-8	ENDRIN (UG/L)	0.479 D
72-54-8	DDD,PP' (UG/L)	0.005 U
33213-65-9	ENDOSULFAN,B (UG/L)	0.005 U
50-29-3	DDT,PP' (UG/L)	0.453 D
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.005 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.005 U
72-43-5	METHOXYCHLOR (UG/L)	0.005 U
8001-35-2	TOXAPHENE (UG/L)	0.500 U
12674-11-2	PCB-1016 (UG/L)	0.100 U
11104-28-2	PCB-1221 (UG/L)	0.100 U
11141-16-5	PCB-1232 (UG/L)	0.100 U
53469-21-9	PCB-1242 (UG/L)	0.100 U
12672-29-6	PCB 1248 (UG/L)	0.100 U
11097-69-1	PCB-1254 (UG/L)	0.100 U
11096-82-5	PCB-1260 (UG/L)	0.100 U
57-74-9	CHLORDANE (UG/L)	0.025 U

ANALYSIS DATA SHEET

client ⁴⁹ID 269

SP1

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
Matrix: (soil/water) WATER Lab Sample ID: SP1*QC*1
Sample wt/vol: 1000. Lab File ID:
%Moisture: pH: Dilution Factor: 5.00
Date Analyzed: 12/04/93 Date Received: 00/00/00

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.005 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.188 D
76-44-8	HEPTACHLOR (UG/L)	0.183 D
309-00-2	ALDRIN (UG/L)	0.189 D
319-85-7	BHC, B (UG/L)	0.005 U
319-86-8	BHC, D (UG/L)	0.005 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.005 U
959-98-8	ENDOSULFAN, A (UG/L)	0.005 U
72-55-9	DDE, PP' (UG/L)	0.005 U
60-57-1	DIELDRIN (UG/L)	0.420 D
72-20-8	ENDRIN (UG/L)	0.479 D
72-54-8	DDD, PP' (UG/L)	0.005 U
33213-65-9	ENDOSULFAN, B (UG/L)	0.005 U
50-29-3	DDT, PP' (UG/L)	0.453 D
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.005 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.005 U
72-43-5	METHOXYCHLOR (UG/L)	0.005 U
8001-35-2	TOXAPHENE (UG/L)	0.500 U
12674-11-2	PCB-1016 (UG/L)	0.100 U
11104-28-2	PCB-1221 (UG/L)	0.100 U
11141-16-5	PCB-1232 (UG/L)	0.100 U
53469-21-9	PCB-1242 (UG/L)	0.100 U
12672-29-6	PCB 1248 (UG/L)	0.100 U
11097-69-1	PCB-1254 (UG/L)	0.100 U
11096-82-5	PCB-1260 (UG/L)	0.100 U
57-74-9	CHLORDANE (UG/L)	0.025 U

ANALYSIS DATA SHEET

MW9MS

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
Matrix: (soil/water) WATER Lab Sample ID: SPM1*CDDMTW*9
Sample wt/vol: 500. Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 12/04/93 Date Received: 11/16/93

CAS NO.	COMPOUND	Q
319-84-6	BHC,A (UG/L)	0.010 U
58-89-9	BHC,G(LINDANE) (UG/L)	0.376 D
76-44-8	HEPTACHLOR (UG/L)	0.327 D
309-00-2	ALDRIN (UG/L)	0.294 D
319-85-7	BHC,B (UG/L)	0.010 U
319-86-8	BHC,D (UG/L)	0.010 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.010 U
959-98-8	ENDOSULFAN,A (UG/L)	0.010 U
72-55-9	DDE,PP' (UG/L)	0.010 U
60-57-1	DIELDRIN (UG/L)	0.865 D
72-20-8	ENDRIN (UG/L)	0.953 D
72-54-8	DDD,PP' (UG/L)	0.010 U
33213-65-9	ENDOSULFAN,B (UG/L)	0.010 U
50-29-3	DDT,PP' (UG/L)	0.586 D
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.010 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.010 U
72-43-5	METHOXYCHLOR (UG/L)	0.010 U
8001-35-2	TOXAPHENE (UG/L)	1.00 U
12674-11-2	PCB-1016 (UG/L)	0.200 U
11104-28-2	PCB-1221 (UG/L)	0.200 U
11141-16-5	PCB-1232 (UG/L)	0.200 U
53469-21-9	PCB-1242 (UG/L)	0.200 U
12672-29-6	PCB 1248 (UG/L)	0.200 U
11097-69-1	PCB-1254 (UG/L)	0.200 U
11096-82-5	PCB-1260 (UG/L)	0.200 U
57-74-9	CHLORDANE (UG/L)	0.050 U

ANALYSIS DATA SHEET

MW9MS

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
Matrix: (soil/water) WATER Lab Sample ID: SPM1+CDDMTW*9
Sample wt/vol: 500. Lab File ID:
%Moisture: pH: Dilution Factor: 5.00
Date Analyzed: 12/04/93 Date Received: 11/16/93

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.010 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.376 D
76-44-8	HEPTACHLOR (UG/L)	0.327 D
309-00-2	ALDRIN (UG/L)	0.294 D
319-85-7	BHC, B (UG/L)	0.010 U
319-86-8	BHC, D (UG/L)	0.010 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.010 U
959-98-8	ENDOSULFAN, A (UG/L)	0.010 U
72-55-9	DDE, PP' (UG/L)	0.010 U
60-57-1	DIELDRIN (UG/L)	0.865 D
72-20-8	ENDRIN (UG/L)	0.953 D
72-54-8	DDD, PP' (UG/L)	0.010 U
33213-65-9	ENDOSULFAN, B (UG/L)	0.010 U
50-29-3	DDT, PP' (UG/L)	0.586 D
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.010 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.010 U
72-43-5	METHOXYCHLOR (UG/L)	0.010 U
8001-35-2	TOXAPHENE (UG/L)	1.00 U
12674-11-2	PCB-1016 (UG/L)	0.200 U
11104-28-2	PCB-1221 (UG/L)	0.200 U
11141-16-5	PCB-1232 (UG/L)	0.200 U
53469-21-9	PCB-1242 (UG/L)	0.200 U
12672-29-6	PCB-1248 (UG/L)	0.200 U
11097-69-1	PCB-1254 (UG/L)	0.200 U
11096-82-5	PCB-1260 (UG/L)	0.200 U
57-74-9	CHLORDANE (UG/L)	0.050 U

ANALYSIS DATA SHEET

MW9MSD

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
 Matrix: (soil/water) WATER Lab Sample ID: SPM2*CDDMTW*9
 Sample wt/vol: 500. Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/04/93 Date Received: 11/16/93

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.010 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.385 D
76-44-8	HEPTACHLOR (UG/L)	0.263 D
309-00-2	ALDRIN (UG/L)	0.270 D
319-85-7	BHC, B (UG/L)	0.010 U
319-86-8	BHC, D (UG/L)	0.010 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.010 U
959-98-8	ENDOSULFAN, A (UG/L)	0.010 U
72-55-9	DDE, PP' (UG/L)	0.010 U
60-57-1	DIELDRIN (UG/L)	0.822 D
72-20-8	ENDRIN (UG/L)	0.821 D
72-54-8	DDD, PP' (UG/L)	0.010 U
33213-65-9	ENDOSULFAN, B (UG/L)	0.010 U
50-29-3	DDT, PP' (UG/L)	0.509 D
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.010 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.010 U
72-43-5	METHOXYCHLOR (UG/L)	0.010 U
8001-35-2	TOXAPHENE (UG/L)	1.00 U
12674-11-2	PCB-1016 (UG/L)	0.200 U
11104-28-2	PCB-1221 (UG/L)	0.200 U
11141-16-5	PCB-1232 (UG/L)	0.200 U
53469-21-9	PCB-1242 (UG/L)	0.200 U
12672-29-6	PCB-1248 (UG/L)	0.200 U
11097-69-1	PCB-1254 (UG/L)	0.200 U
11096-82-5	PCB-1260 (UG/L)	0.200 U
57-74-9	CHLORDANE (UG/L)	0.050 U

ANALYSIS DATA SHEET

MW9MSD

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
 Matrix: (soil/water) WATER Lab Sample ID: SPM2*CDDMTW*9
 Sample wt/vol: 500. Lab File ID:
 %Moisture: pH: Dilution Factor: 5.00
 Date Analyzed: 12/04/93 Date Received: 11/16/93

CAS NO. COMPOUND Q

319-84-6	BHC, A (UG/L)	0.010	U
58-89-9	BHC, G (LINDANE) (UG/L)	0.385	D
76-44-8	HEPTACHLOR (UG/L)	0.263	D
309-00-2	ALDRIN (UG/L)	0.270	D
319-85-7	BHC, B (UG/L)	0.010	U
319-86-8	BHC, D (UG/L)	0.010	U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.010	U
959-98-8	ENDOSULFAN, A (UG/L)	0.010	U
72-55-9	DDE, PP' (UG/L)	0.010	U
60-57-1	DIELDRIN (UG/L)	0.822	D
72-20-8	ENDRIN (UG/L)	0.821	D
72-54-8	DDD, PP' (UG/L)	0.010	U
33213-65-9	ENDOSULFAN, B (UG/L)	0.010	U
50-29-3	DDT, PP' (UG/L)	0.509	D
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.010	U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.010	U
72-43-5	METHOXYCHLOR (UG/L)	0.010	U
8001-35-2	TOXAPHENE (UG/L)	1.00	U
12674-11-2	PCB-1016 (UG/L)	0.200	U
11104-28-2	PCB-1221 (UG/L)	0.200	U
11141-16-5	PCB-1232 (UG/L)	0.200	U
53469-21-9	PCB-1242 (UG/L)	0.200	U
12672-29-6	PCB 1248 (UG/L)	0.200	U
11097-69-1	PCB-1254 (UG/L)	0.200	U
11096-82-5	PCB-1260 (UG/L)	0.200	U
57-74-9	CHLORDANE (UG/L)	0.050	U

ANALYSIS DATA SHEET

MW9

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*9
Sample wt/vol: 1000. Lab File ID:
%Moisture: pH: Dilution Factor: 1.00
Date Analyzed: 12/04/93 Date Received: 11/16/93

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.005 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.005 U
76-44-8	HEPTACHLOR (UG/L)	0.005 U
309-00-2	ALDRIN (UG/L)	0.005 U
319-85-7	BHC, B (UG/L)	0.005 U
319-86-8	BHC, D (UG/L)	0.005 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.005 U
959-98-8	ENDOSULFAN, A (UG/L)	0.005 U
72-55-9	DDE, PP' (UG/L)	0.005 U
60-57-1	DIELDRIN (UG/L)	0.044
72-20-8	ENDRIN (UG/L)	0.005 U
72-54-8	DDD, PP' (UG/L)	0.005 U
33213-65-9	ENDOSULFAN, B (UG/L)	0.005 U
50-29-3	DDT, PP' (UG/L)	0.005 U
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.005 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.005 U
72-43-5	METHOXYCHLOR (UG/L)	0.005 U
8001-35-2	TOXAPHENE (UG/L)	0.500 U
12674-11-2	PCB-1016 (UG/L)	0.100 U
11104-28-2	PCB-1221 (UG/L)	0.100 U
11141-16-5	PCB-1232 (UG/L)	0.100 U
53469-21-9	PCB-1242 (UG/L)	0.100 U
12672-29-6	PCB 1248 (UG/L)	0.100 U
11097-69-1	PCB-1254 (UG/L)	0.100 U
11096-82-5	PCB-1260 (UG/L)	0.100 U
57-74-9	CHLORDANE (UG/L)	0.025 U

ANALYSIS DATA SHEET

MW10SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*10
 Sample wt/vol: 1000. Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/04/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.005 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.005 U
76-44-8	HEPTACHLOR (UG/L)	0.005 U
309-00-2	ALDRIN (UG/L)	0.005 U
319-85-7	BHC, B (UG/L)	0.005 U
319-86-8	BHC, D (UG/L)	0.005 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.005 U
959-98-8	ENDOSULFAN, A (UG/L)	0.005 U
72-55-9	DDE, PP' (UG/L)	0.023
60-57-1	DIELDRIN (UG/L)	0.011
72-20-8	ENDRIN (UG/L)	0.005 U
72-54-8	DDD, PP' (UG/L)	0.091
33213-65-9	ENDOSULFAN, B (UG/L)	0.005 U
50-29-3	DDT, PP' (UG/L)	0.041
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.005 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.005 U
72-43-5	METHOXYCHLOR (UG/L)	0.005 U
8001-35-2	TOXAPHENE (UG/L)	0.500 U
12674-11-2	PCB-1016 (UG/L)	0.100 U
11104-28-2	PCB-1221 (UG/L)	0.100 U
11141-16-5	PCB-1232 (UG/L)	0.100 U
53469-21-9	PCB-1242 (UG/L)	0.100 U
12672-29-6	PCB 1248 (UG/L)	0.100 U
11097-69-1	PCB-1254 (UG/L)	0.100 U
11096-82-5	PCB-1260 (UG/L)	0.100 U
57-74-9	CHLORDANE (UG/L)	0.025 U

ANALYSIS DATA SHEET

Client ID

MW11

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*11
 Sample wt/vol: 1000. Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/04/93 Date Received: 11/15/93

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.005 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.005 U
76-44-8	HEPTACHLOR (UG/L)	0.005 U
309-00-2	ALDRIN (UG/L)	0.005 U
319-85-7	BHC, B (UG/L)	0.005 U
319-86-8	BHC, D (UG/L)	0.005 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.005 U
959-98-8	ENDOSULFAN, A (UG/L)	0.005 U
72-55-9	DDE, PP' (UG/L)	0.005 U
60-57-1	DIELDRIN (UG/L)	0.005 U
72-20-8	ENDRIN (UG/L)	0.005 U
72-54-8	DDD, PP' (UG/L)	0.005 U
33213-65-9	ENDOSULFAN, B (UG/L)	0.005 U
50-29-3	DDT, PP' (UG/L)	0.015 U
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.005 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.005 U
72-43-5	METHOXYCHLOR (UG/L)	0.005 U
8001-35-2	TOXAPHENE (UG/L)	0.500 U
12674-11-2	PCB-1016 (UG/L)	0.100 U
11104-28-2	PCB-1221 (UG/L)	0.100 U
11141-16-5	PCB-1232 (UG/L)	0.100 U
53469-21-9	PCB-1242 (UG/L)	0.100 U
12672-29-6	PCB 1248 (UG/L)	0.100 U
11097-69-1	PCB-1254 (UG/L)	0.100 U
11096-82-5	PCB-1260 (UG/L)	0.100 U
57-74-9	CHLORDANE (UG/L)	0.025 U

ANALYSIS DATA SHEET

MW12SP

Lab Name: ESE Project No.: 7934082G SDG No.: G44754
 Matrix: (soil/water) WATER Lab Sample ID: CDDMTW*12
 Sample wt/vol: 1000. Lab File ID:
 %Moisture: pH: Dilution Factor: 1.00
 Date Analyzed: 12/04/93 Date Received: 11/12/93

CAS NO.	COMPOUND	Q
319-84-6	BHC, A (UG/L)	0.005 U
58-89-9	BHC, G (LINDANE) (UG/L)	0.005 U
76-44-8	HEPTACHLOR (UG/L)	0.005 U
309-00-2	ALDRIN (UG/L)	0.005 U
319-85-7	BHC, B (UG/L)	0.005 U
319-86-8	BHC, D (UG/L)	0.005 U
1024-57-3	HEPTACHLOR EPOXIDE (UG/L)	0.005 U
959-98-8	ENDOSULFAN, A (UG/L)	0.005 U
72-55-9	DDE, PP' (UG/L)	0.005 U
60-57-1	DIELDRIN (UG/L)	0.005 U
72-20-8	ENDRIN (UG/L)	0.005 U
72-54-8	DDD, PP' (UG/L)	0.005 U
33213-65-9	ENDOSULFAN, B (UG/L)	0.005 U
50-29-3	DDT, PP' (UG/L)	0.005 U
742-93-4	ENDRIN ALDEHYDE (UG/L)	0.005 U
1031-07-8	ENDOSULFAN SULFATE (UG/L)	0.005 U
72-43-5	METHOXYCHLOR (UG/L)	0.005 U
8001-35-2	TOXAPHENE (UG/L)	0.500 U
12674-11-2	PCB-1016 (UG/L)	0.100 U
11104-28-2	PCB-1221 (UG/L)	0.100 U
11141-16-5	PCB-1232 (UG/L)	0.100 U
53469-21-9	PCB-1242 (UG/L)	0.100 U
12672-29-6	PCB 1248 (UG/L)	0.100 U
11097-69-1	PCB-1254 (UG/L)	0.100 U
11096-82-5	PCB-1260 (UG/L)	0.100 U
57-74-9	CHLORDANE (UG/L)	0.025 U

QUALITY CONTROL DATA

002211

CALIBRATION CURVES

Lab Name: ESE

SDG #: G44754

Analyte:

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	12/03/93	0.	0.	-2.04	.	.9997
		2.	29110.	0.606	25.108	
		4.	52327.	2.73	25.110	
		20.	249164.	21.0	25.110	
		40.	464439.	41.5	25.111	
		80.	916906.	86.7	25.103	
		160.	1590128.	159.	25.108	
		240.	2246355.	235.	25.105	
		400.	3546014.	402.	25.108	

Control Limits: $r = 0.995$

Comments:

CALIBRATION CURVES

49 280

Lab Name: ESE

SDG #: G44754

Analyte: BHC,G(LINDANE)

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	12/03/93	0.	0.	0.459	.	.9999
		0.5	4492.	0.808	9.793	
		1.0	9821.	1.22	9.792	
		5.	53198.	4.57	9.793	
		10.	110775.	8.99	9.794	
		20.	261266.	20.4	9.793	
		40.	525718.	39.9	9.793	
		60.	810409.	60.2	9.793	
		100.	1404079.	99.9	9.791	

Control Limits: $r = 0.995$

Comments:

CALIBRATION CURVES

Lab Name: ESE

SDG #: G44754

Analyte: HEPTACHLOR

Instrument ID:

[illegible]Control Limits: $r = 0.995$

Comments:

CALIBRATION CURVES

49 282

Lab Name: ESE

SDG #: G44754

Analyte: ALDRIN

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	12/03/93	0.	0.	0.141	.	.9998
		0.5	5179.	0.565	11.301	
		1.0	10661.	1.01	11.302	
		5.	55685.	4.69	11.301	
		10.	111235.	9.19	11.303	
		20.	264443.	21.5	11.300	
		40.	497521.	39.7	11.302	
		60.	761149.	59.7	11.302	
		100.	1325036.	100.	11.300	

Control Limits: $r = 0.995$

Comments:

FORM II ESE

002215

SDG #: G44754

Instrument ID:

Control Limits: $r = 0.995$

Comments:

CALIBRATION CURVES

49 284

Lab Name: ESE

SDG #: G44754

Analyte: DIELDRIN

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	12/03/93	0.	0.	0.135	.	1.0000
		0.5	3462.	0.494	14.651	
		1.0	8331.	0.998	14.654	
		5.	46179.	4.90	14.654	
		10.	91680.	9.54	14.655	
		20.	202454.	20.6	14.651	
		40.	401318.	39.8	14.655	
		60.	620817.	59.9	14.653	
		100.	1103434.	100.	14.654	

Control Limits: $r = 0.995$

Comments:

CALIBRATION CURVES

49 285

Lab Name: ESE

SDG #: G44754

Analyte: ENDRIN

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	12/03/93	0.	0.	0.082	.	1.0000
		0.5	4312.	0.594	15.762	
		1.0	7699.	0.996	15.763	
		5.	40655.	4.89	15.761	
		10.	80287.	9.52	15.763	
		20.	176783.	20.6	15.760	
		40.	349380.	39.8	15.764	
		60.	539868.	60.0	15.761	
		100.	952586.	100.	15.763	

Control Limits: $r = 0.995$

Comments:

49 286

SDG #: G44754

Instrument ID:

[illegible]

Comments :

CALIBRATION CURVES

49 287

Lab Name: ESE

SDG #: G44754

Analyte: DDT, PP'

Instrument ID:

Curve #	Analysis Date	Concentration	Response	Predicted Concentration	Retention Time (min)	Correlation Coeff. (r)
1	12/03/93	0.	0.	-.113	.	.9999
		0.5	5929.	0.783	17.058	
		1.0	9154.	1.27	17.057	
		5.	32989.	4.85	17.053	
		10.	63651.	9.40	17.053	
		20.	139592.	20.5	17.049	
		40.	276545.	39.6	17.053	
		60.	432609.	60.2	17.048	
		100.	767244.	100.0	17.051	

Control Limits: $r = 0.995$

Comments:

SDG #: G44754

Instrument ID:

[illegible]

Comments:

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

MW9MS

Lab Name: ESE

Project No.: 7934082G

SDG No.: G44754

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	MS CONCENTRATION	MS % REC #	QC LIMITS REC.
BHC, G (LINDANE)	0.400	0.	0.374	93.5	43-145
HEPTACHLOR	0.400	0.	0.327	81.8	48-124
ALDRIN	0.400	0.	0.293	73.3	37-127
DIELDRIN	1.00	0.	0.821	82.1	56-142
ENDRIN	1.00	0.	0.953	95.3	35-155
DDT, PP'	1.00	0.	0.586	58.6	46-152

COMPOUND	SPIKE ADDED	MSD CONCENTRATION	MSD % REC #	% RPD #	QC LIMITS RPD REC.
BHC, G (LINDANE)	0.400	0.383	95.8	2.4	51 43-145
HEPTACHLOR	0.400	0.263	65.8	21.7	38 48-124
ALDRIN	0.400	0.269	67.3	8.5	45 37-127
DIELDRIN	1.00	0.778	77.8	5.4	43 56-142
ENDRIN	1.00	0.821	82.1	14.9	60 35-155
DDT, PP'	1.00	0.509	50.9	14.1	53 46-152

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENT:

ESE METHOD BLANK SUMMARY

Client ID

PBLK1

Lab Name: ESE

Project No: 7934082G

SDG No.: G44754

Lab Sample ID: MB*QC*1

Lab File ID:

Matrix: (soil/water) WATER

Instrument ID:

Date Analyzed : 12/04/93

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

CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
=====	=====	=====
MW9MSDL	SPM1*CDDMTW*9	12/04/93
MW9MSDDL	SPM2*CDDMTW*9	12/04/93
MW9	CDDMTW*9	12/04/93
MW10SP	CDDMTW*10	12/04/93
MW11	CDDMTW*11	12/04/93
MW12SP	CDDMTW*12	12/04/93

COMMENTS:

page 1 of 1

FORM IV ESE

002223

REFERENCE STANDARD

SP1

Lab Name: ESE

SDG No: G44754

Lab Sample ID: SP1*QC*1

Date Analyzed: 12/04/93

Standard Source:

Instrument ID:

Analyte	True	Found	C	%Recv	Limits
BHC, G (LINDANE)	0.200	0.188		94.0	43-145
HEPTACHLOR	0.200	0.183		91.5	48-124
ALDRIN	0.200	0.189		94.5	37-127
DIELDRIN	0.500	0.420		84.0	56-142
ENDRIN	0.500	0.479		95.8	35-155
DDT, PP'	0.500	0.453		90.6	46-152

Comments:

REFERENCE STANDARD

SP1

Lab Name: ESE

SDG No: G44754

Lab Sample ID: SP1*QC*1

Date Analyzed: 12/04/93

Standard Source:

Instrument ID:

Analyte	True	Found	C	%Recv	Limits
LINDANE	0.200	5.00	U	500.	43-145
HEPTACHLO	0.200	5.00	U	500.	48-124
ALDRIN	0.200	5.00	U	500.	37-127
DIELDRIN	0.500	5.00	U	000.0	56-142
ENDRIN	0.500	5.00	U	000.0	35-155
DDT	0.500	5.00	U	000.0	46-152

Comments:

Lab Name: ESE

Contract: 7934082G

SDG No.: G44754

Analyte: DECACHLOROBIPHENYL

Limits: 31-145

Client Sample ID	Recv
MW9MSDL	102
MW9MSDDL	88
MW9	59
MW10SP	55
MW11	52
MW12SP	86

* Values outside of QC limits

SURROGATE RECOVERIES

49 294

Lab Name: ESE

Contract: 7934082G

SDG No.: G44754

Analyte: TETRACHLORO-M-XYLENE

Limits: 23-109

Client Sample ID	Recv
MW9MSDL	102
MW9MSDDL	88
MW9	59
MW10SP	55
MW11	52
MW12SP	86

* Values outside of QC limits

RAW DATA

GC OR HPLC BATCH DOCUMENTATION CHECKLIST

Initial or NA	ESE Standard
<u>FOL</u>	Batch printout (include % moisture <u>✓</u>)
<u>FOL</u>	Method-reference & deviations
<u>FOL</u>	Dilution factors checked
<u>FOL</u>	Sample Arrival Notices
<u>FOL</u>	Extraction logsheets - copies
<u>NA</u>	Chromatographic logsheets or copies
<u>FOL</u>	Instrument logbook pages
	(include instrument ID <u>✓</u>) copies
<u>FOL</u>	Extractor notebook pages - copies
<u>FOL</u>	Analyst notebook pages - copies
<u>NA</u>	Correspondence and memos
<u>FOL</u>	Chromatograms (labeled <u>✓</u>)
	unused chromatograms noted & explained <u>✓</u>
	column used <u>✓</u> , instrument conditions <u>✓</u>
SW-846 Supplement	
<u>NA</u>	Check sample results
	Surrogate results
	Evaluation standard results
	(pesticides only)
	Retention windows
Navy Supplement	
	Control Charts (each required analyte)
Air Force Supplement	
	Second column confirmation form
Notes:	
<u>FOL</u>	<u>12/9/97</u>
Analyst Initials	Date
<u>[Signature]</u>	<u>12/8/93</u>
Checked by	Date

002229

ESE BATCH : G44754

QC TYPE : FDER/SN
 ANALYST : FRANK REA
 EXTRACTOR : FARIS FAKIH
 DATA ENTRY : FRANK REA

REPORT DATE/TIME : 12/08/93 11:09:56
 ANALYSIS DATE : 12/03/93
 EXTRACT DATE : 11/18/93

STATUS :

METHOD BLANK CORRECTION METHOD : NONE

FIELD GRP QC TYPE	PROJECT NUMBER	PROJECT NAME	LAB COORDINATOR
CDDMTW	7934082G 0201	HUNTSVILLE COE - DDMT	PATRICK WILBER

Sample Specific Raw Data

SAMPLE CODE	EXTRACT DATE	ANALYSIS DATE	ANALYSIS TIME	SAMPLE VOLUME (ML)	EXTRACT VOLUME (ML)	INJECTION VOLUME (NA)	MOISTURE
MB*QC*1	11/18/93	12/04/93	09:39AM	1000	5		
SP1*QC*1	11/18/93	12/04/93	10:17AM	1000	5		
SPM1-CDDMTW*9	11/18/93	12/04/93	10:54AM	500	5		
SPM2-CDDMTW*9	11/18/93	12/04/93	11:32AM	500	5		
DA-CDDMTW*9	11/18/93	12/04/93	12:09PM	1000	5		
DA-CDDMTW*10	11/18/93	12/04/93	12:47PM	1000	5		
DA-CDDMTW*11	11/18/93	12/04/93	01:24PM	1000	5		
DA-CDDMTW*12	11/18/93	12/04/93	02:02PM	1000	5		
CCS*OCP60*1		12/04/93	08:24AM				
CCS*OCP60*2		12/04/93	07:40PM				
CCS*OCP60*3		12/04/93	08:18PM				

Parameter Specific Raw Data

SAMPLE CODE	STORET NAME	STATUS	RESPONSE (PEAK AREA)	DIL	TYPE	CURVE	RET TIME	SPIKE SOL CONC (NG/ML)	SPIKE SAMP VOL (ML)	SPIKE VOLUME (ML)	DIL CODE	CALC'D TARGET (UG/LI)
MB*QC*1	TCX	OK	1691805	1		1	7.143	1000	1000	1	N	1
	BHC,A	OK	0		FINAL		0					
	LINDANE	OK	0		FINAL		0					
	HEPTACHLO	OK	0		FINAL		0					
	ALDRIN	OK	0		FINAL		0					
	BHC,B	OK	0		FINAL		0					
	BHC,D	OK	0		FINAL		0					
	HPCL EPOX	OK	0		FINAL		0					
	ENDOSU-A	OK	0		FINAL		0					
	DDE,PP'	OK	0		FINAL		0					
	DIELDRIN	OK	0		FINAL		0					
	ENDRIN	OK	0		FINAL		0					
	DDD,PP'	OK	0		FINAL		0					
	ENDOSU-B	OK	0		FINAL		0					
	DDT	OK	0		FINAL		0					
	ENDRN ALD	OK	0		FINAL		0					
	ENDSULSUL	OK	0		FINAL		0					
	METHOXYCH	OK	0		FINAL		0					
	TOXAPHENE	OK	0		FINAL		0					
	PCB-1016	OK	0		FINAL		0					
	PCB-1221	OK	0		FINAL		0					
	PCB-1232	OK	0		FINAL		0					
	PCB-1242	OK	0		FINAL		0					
	PCB-1248	OK	0		FINAL		0					
	PCB-1254	OK	0		FINAL		0					
	PCB-1260	OK	0		FINAL		0					
	CHLORDANE	OK	0		FINAL		0					
	DCBP	OK	1628941	1		1	25.096	1000	1000	1	N	1
SP1*QC*1	TCX	OK	355036	5		1	7.144	1000	1000	1	N	1
	LINDANE	OK	91758	5		1	9.788	200	1000	1	N	.2
	HEPTACHLO	OK	104582	5		1	10.541	200	1000	1	N	.2
	ALDRIN	OK	90856	5		1	11.295	200	1000	1	N	.2
	DIELDRIN	OK	163900	5		1	14.646	500	1000	1	N	.5
	ENDRIN	OK	163971	5		1	15.755	500	1000	1	N	.5
	DDT	OK	123167	5		1	17.044	500	1000	1	N	.5
	DCBP	OK	389578	5		1	25.096	1000	1000	1	N	1
	TCX	OK	388820	5		1	7.145	1000	500	1	N	2
	LINDANE	OK	91534	5		1	9.790	200	500	1	N	.4
SPM1*CODMTW*9	HEPTACHLO	OK	93878	5		1	10.543	200	500	1	N	.4
	ALDRIN	OK	70371	5		1	11.298	200	500	1	N	.4
	DIELDRIN	OK	168830	5		1	14.649	500	500	1	N	1
	ENDRIN	OK	162968	5		1	15.757	500	500	1	N	1
	DDT	OK	79338	5		1	17.041	500	500	1	N	1
	DCBP	OK	225660	5		1	25.098	500	500	1	N	1
	TCX	OK	336999	5		1	7.143	1000	500	1	N	2
	LINDANE	OK	93839	5		1	9.790	200	500	1	N	.4
	HEPTACHLO	OK	76006	5		1	10.543	200	500	1	N	.4
	ALDRIN	OK	64565	5		1	11.298	200	500	1	N	.4
SPM2*CODMTW*9	DIELDRIN	OK	160257	5		1	14.650	500	500	1	N	1
	ENDRIN	OK	140086	5		1	15.760	500	500	1	N	1
	DDT	OK	69974	5		1	17.044	500	500	1	N	1
	DCBP	OK	160680	5		1	25.104	500	500	1	N	1
	TCX	OK	1075819	1		1	7.144	1000	1000	1	N	1
	BHC,A	OK	0				0					
	LINDANE	OK	0				0					
	HEPTACHLO	OK	0				0					
	ALDRIN	OK	0				0					
	BHC,B	OK	0				0					
DA*CODMTW*9	BHC,D	OK	0				0					
	HPCL EPOX	OK	0				0					
	ENDOSU-A	OK	0				0					
	DDE,PP'	OK	0				0					
	DIELDRIN	OK	83771	1		1	14.651					
	ENDRIN	OK	0				0					
	DDD,PP'	OK	0				0					
	ENDOSU-B	OK	0				0					
	DDT	OK	0				0					
	ENDRN ALD	OK	0				0					
	ENDSULSUL	OK	0				0					
	METHOXYCH	OK	0				0					
	TOXAPHENE	OK	0				0					
	PCB-1016	OK	0				0					
	PCB-1221	OK	0				0					
	PCB-1232	OK	0				0					

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DA*CDMTW*10

PCB-1242	OK	0								
PCB-1248	OK	0								
PCB-1254	OK	0								
PCB-1260	OK	0								
CHLORDANE	OK	0								
DCBP	OK	509554	1		1 25.105	1000	1000	1	N	1
TCX	OK	1001520	1		1 7.143	1000	1000	1	N	1
BHC, A	OK	0			0					
LINDANE	OK	0			0					
HEPTACHLO	OK	0			0					
ALDRIN	OK	0			0					
BHC, B	OK	0			0					
BHC, D	OK	0			0					
HPCL EPOX	OK	0			0					
ENDOSU-A	OK	0			0					
DDE, PP'	OK	36811	1		1 14.395					
DIELDRIN	OK	19062	1		1 14.656					
ENDRIN	OK	0			0					
DDE, PP'	OK	99173	1		1 16.099					
ENDOSU-B	OK	0			0					
DDT	OK	55548	1		1 17.045					
ENDRN ALD	OK	0			0					
ENDSULSUL	OK	0			0					
METHOXYCH	OK	0			0					
TOXAPHENE	OK	0			0					
PCB-1016	OK	0			0					
PCB-1221	OK	0			0					
PCB-1232	OK	0			0					
PCB-1242	OK	0			0					
PCB-1248	OK	0			0					
PCB-1254	OK	0			0					
PCB-1260	OK	0			0					
CHLORDANE	OK	0			0					

DA*CDMTW*11

DCBP	OK	273425	1		1 25.102	1000	1000	1	N	1
TCX	OK	953203	1		1 7.144	1000	1000	1	N	1
BHC, A	OK	0			0					
LINDANE	OK	0			0					
HEPTACHLO	OK	0			0					
ALDRIN	OK	0			0					
BHC, B	OK	0			0					
BHC, D	OK	0			0					
HPCL EPOX	OK	0			0					
ENDOSU-A	OK	0			0					
DDE, PP'	OK	0			0					
DIELDRIN	OK	0			0					
ENDRIN	OK	0			0					
DDD, PP'	OK	0			0					
ENDOSU-B	OK	0			0					
DDT	OK	20088	1		1 17.048					
ENDRN ALD	OK	0			0					
ENDSULSUL	OK	0			0					
METHOXYCH	OK	0			0					
TOXAPHENE	OK	0			0					
PCB-1016	OK	0			0					
PCB-1221	OK	0			0					
PCB-1232	OK	0			0					
PCB-1242	OK	0			0					
PCB-1248	OK	0			0					
PCB-1254	OK	0			0					
PCB-1260	OK	0			0					
CHLORDANE	OK	0			0					

DA*CDMTW*12

DCBP	OK	223658	1		1 25.103	1000	1000	1	N	1
TCX	OK	1539280	1		1 7.145	1000	1000	1	N	1
BHC, A	OK	0			0					
LINDANE	OK	0			0					
HEPTACHLO	OK	0			0					
ALDRIN	OK	0			0					
BHC, B	OK	0			0					
BHC, D	OK	0			0					
HPCL EPOX	OK	0			0					
ENDOSU-A	OK	0			0					
DDE, PP'	OK	0			0					
DIELDRIN	OK	0			0					
ENDRIN	OK	0			0					
DDD, PP'	OK	0			0					
ENDOSU-B	OK	0			0					
DDT	OK	0			0					
ENDRN ALD	OK	0			0					
ENDSULSUL	OK	0			0					
METHOXYCH	OK	0			0					

STORET: 36472 METHOD: SUR TETRACHLORO-M-XYLENE, UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 2 DATE: 03 DEC 1993 LARGEST RESPONSE=3338201 %RSD=6.9232

CONC	0	2	4	20	40	80	160	240	400
RESP	0	20131	38813	192602	372146	804834	1432488	2068151	3338201
CONC'	-0.730	1.39	3.35	19.7	39.0	86.8	159	236	401
R.T.		7.150	7.148	7.148	7.147	7.147	7.146	7.146	7.145

CONC = -7.2980E-01+ 1.0500E-04*RESP+ 4.6191E-12*RESP**2+ *RESP**3
 95% C.I.= 3.2451E+00 6.6529E-06 2.0760E-12
 CORRELATION COEFFICIENT = .9998

STORET: 39337 METHOD: 8080/3520-G BHC.A, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= %RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	985000	895000	10.1
QCP60*2	894000	895000	-1.1
QCP60*3	932000	895000	4.1

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL.DIFF.

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL.DIFF.

STORET: 39340 METHOD: 8080/3520-G BHC.G(LINDANE), UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE=1404079 (USER DEFINED) %RSD=16.0516

CONC	0	0.5	1.0	5	10	20	40	60	100
RESP	0	4492	9821	53198	110775	261265	525718	810409	1404079
CONC'	0.459	0.808	1.22	4.57	8.99	20.4	39.9	60.2	99.9
R.T.		9.793	9.792	9.793	9.794	9.793	9.793	9.793	9.791

CONC = 4.5945E-01+ 7.7574E-05*RESP+ -4.7865E-12*RESP**2+ *RESP**3
 95% C.I.= 5.0885E-01 2.6403E-06 1.9532E-12
 CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	887000	810000	9.5
QCP60*2	809000	810000	-1.1
QCP60*3	836000	810000	3.2

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL.DIFF.
SP1*QC*1	0.0	0.188	0.188	0.200	94.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL.DIFF.
SPM1-CDDMTW*9	0.002	0.376	0.374	0.400	93.5	
SPM2-CDDMTW*9	0.002	0.385	0.383	0.400	95.8	2.4

STORET: 39410 METHOD: 8080/3520-G HEPTACHLOR, UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE=1511815 (USER DEFINED) %RSD=2.7642

CONC	0	0.5	1.0	5	10	20	40	60	100
RESP	0	7416	14948	72396	140516	301998	572027	860540	1511815
CONC'	-0.239	0.299	0.846	5.00	9.88	21.3	40.0	59.2	100
R.T.		10.547	10.546	10.545	10.547	10.545	10.545	10.545	10.543

CONC = -2.3899E-01+ 7.2619E-05*RESP+ -4.0879E-12*RESP**2+ *RESP**3
 95% C.I.= 6.2442E-01 2.9380E-06 2.8067E-12
 CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	931000	861000	8.1
OCF60*2	851000	861000	-1.2
OCF60*3	871000	861000	1.2

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SP1*QC*1	0.0	0.183	0.183	0.200	91.5	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SPM1*CDDMTW*9	0.0	0.327	0.327	0.400	81.8	
SPM2*CDDMTW*9	0.0	0.263	0.263	0.400	65.8	21.7

STORET: 39339 METHOD: 8080/3520-G ALDRIN, UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE=1125036 (USER DEFINED) %RSD=9.8558

CONC	0	0.5	1.0	5	10	20	40	60	100
RESP	0	5179	10661	55685	111235	264443	497521	761149	1125036
CORC	0.141	0.565	1.01	4.69	9.19	21.5	39.7	59.7	100
R.T.	11.301	11.301	11.301	11.301	11.301	11.301	11.302	11.302	11.300

CONC = 1.4087E-01+ 8.1902E-05*RESP. -4.8739E-12*RESP**2. *RESP**3
 95% C.I. = 6.8785E-01 3.7267E-06 2.9145E-12
 CORRELATION COEFFICIENT = .9998

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	827000	761000	8.7
OCF60*2	736000	761000	-3.3
OCF60*3	747000	761000	-1.8

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SP1*QC*1	0.0	0.189	0.189	0.200	94.5	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SPM1*CDDMTW*9	0.0007	0.294	0.293	0.400	73.3	
SPM2*CDDMTW*9	0.0007	0.270	0.269	0.400	67.3	8.5

STORET: 39338 METHOD: 8080/3520-G BHC,B, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= %RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	443000	416000	6.5
OCF60*2	392000	416000	-5.8
OCF60*3	406000	416000	-2.4

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.

STORET: 34259 METHOD: 8080/3520-G BHC,D, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= %RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION

QC*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE%
OCP60*1	798000	704000	13.4
OCP60*2	745000	704000	5.8
OCP60*3	758000	704000	7.7

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

STORET: 39420 METHOD: 8080/3520-G HEPTACHLOR EPOXIDES, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSO-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE%
OCP60*1	752000	707000	6.4
OCP60*2	670000	707000	-5.2
OCP60*3	681000	707000	-3.7

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

STORET: 34361 METHOD: 8080/3520-G ENDOSULFAN A, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSO-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE%
OCP60*1	705000	663000	6.3
OCP60*2	627000	663000	-5.4
OCP60*3	635000	663000	-4.2

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF

STORET: 19320 METHOD: 8080/3520-G DDE, PP', UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE= 938506 (USER DEFINED) 1RSO=7.5463

CONC	0	0.5	1.0	5	10	20	40	60	100
RESP	0	3729	8570	39553	76768	168550	338251	527269	938506
CONC	0.095	0.556	1.15	4.95	9.47	20.4	39.6	60.1	100.0
R.T.	14.406	14.409	14.408	14.410	14.405	14.409	14.404	14.406	14.406

CONC = 9.5498E-03+ 1.2345E-04*RESP- 1.8137E-11*RESP**2- *RESP**3
 95% C.I. = 2.8624E-01 2.2298E-06 2.4527E-12
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE%
OCP60*1	578000	527000	9.7
OCP60*2	542000	527000	2.8
OCP60*3	540000	527000	2.5

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID UNSP CONC SPK CONC FOUND TARGET % RECV RELDIFF.

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID UNSP CONC SPK CONC FOUND TARGET % RECV RELDIFF.

STORET: 39380 METHOD: 8080/3520-G DIELDRIN, UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE=1103434 (USER DEFINED) %RSD=13.8392
 CONC : 0 0.5 1.0 5 10 20 40 60 100
 RESP : 0 3462 8331 46179 91680 202454 402318 620817 1103434
 CONC: 0.135 0.494 0.898 4.90 9.54 20.6 39.8 59.9 100
 R.T.: 14.651 14.654 14.654 14.655 14.651 14.655 14.655 14.653 14.654

CONC = 1.3519E-01+ 1.0372E-04*RESP+ -1.1957E-11*RESP**2+ *RESP**3
 95% C.I.= 3.2049E-01 2.1139E-06 1.9797E-12
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
 QC*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	684000	621000	10.1
OCF60*2	563000	621000	-9.3
OCF60*3	568000	621000	-8.5

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SP1*QC*1	0.0	0.428	0.420	0.500	84.0	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SPM1*CDMTW*9	0.044	0.865	0.821	1.00	82.1	
SPM2*CDMTW*9	0.044	0.822	0.778	1.00	77.8	5.4

STORET: 39390 METHOD: 8080/3520-G ENDRIN, UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE=952586 (USER DEFINED) %RSD=5.8920
 CONC : 0 0.5 1.0 5 10 20 40 60 100
 RESP : 0 4312 7699 40655 80287 176783 349380 539868 952586
 CONC: 0.082 0.594 0.996 4.89 9.52 20.6 39.8 60.0 100
 R.T.: 15.762 15.763 15.761 15.763 15.760 15.764 15.761 15.763

CONC = 8.2081E-02+ 1.1878E-04*RESP+ -1.4563E-11*RESP**2+ *RESP**3
 95% C.I.= 3.2150E-01 2.4498E-06 2.6580E-12
 CORRELATION COEFFICIENT = 1.0000

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
 QC*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	594000	540000	10.0
OCF60*2	523000	540000	-3.1
OCF60*3	527000	540000	-2.4

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SP1*QC*1	0.0	0.479	0.479	0.500	95.8	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF.
SPM1*CDMTW*9	0.0004	0.953	0.953	1.00	95.3	
SPM2*CDMTW*9	0.0004	0.821	0.821	1.00	82.1	14.9

STORET: 39310 METHOD: 8080/3520-G DDD, PP', UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE=637142 (USER DEFINED) %RSD=10.8952
 CONC : 0 1.0 5 10 20 40 60 100
 RESP : 0 4846 24278 49339 109940 226165 354062 637142
 CONC: 0.359 1.25 4.81 9.38 20.2 39.9 60.2 100.0
 R.T.: 16.106 16.111 16.110 16.106 16.109 16.106 16.108

CONC = 3.5892E-01+ 1.8499E-04*RESP+ -4.5014E-11*RESP**2+ *RESP**3
 95% C.I.= 4.0008E-01 4.2938E-06 6.4282E-12

CORRELATION COEFFICIENT = 1.0000

49 305

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	401000	354000	13.1
QCP60*2	375000	354000	5.9
QCP60*3	376000	354000	6.2

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 34356 METHOD: 8080/3520-G ENDOSULFAN, B, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= *RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	612000	577000	5.9
QCP60*2	527000	577000	-8.7
QCP60*3	534000	577000	-7.6

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 38300 METHOD: 6080/3520-G DDT, PP*, UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 1.00 DATE: 03 DEC 1993 LARGEST RESPONSE=767244 (USER DEFINED) *RSD=23.4149

CONC	0	0.5	1.0	5	10	20	40	60	100
RESP	0	5929	9154	32989	63651	139592	276545	432609	767244
CONC	-0.113	0.783	1.27	4.85	9.40	20.5	39.6	60.2	100.0
R.T.		17.058	17.057	17.053	17.053	17.049	17.053	17.048	17.051

CONC = -1.3329E-01- 1.5125E-04*RESP- -2.7138E-11*RESP**2. *RESP**3

95% C.I. = 3.8216E-03 3.6328E-06 4.8792E-12

CORRELATION COEFFICIENT = .9999

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	477000	433000	10.2
QCP60*2	439000	433000	1.4
QCP60*3	432000	433000	-1.2

STANDARD MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SP1*QC*1	0.0	0.453	0.453	0.500	90.6	

SAMPLE MATRIX SPIKE(S)

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF
SPM1*CHDMTW*9	0.0	0.586	0.586	1.00	58.6	
SPM2*CHDMTW*9	0.0	0.509	0.509	1.00	50.9	14.1

STORET: 34366 METHOD: 8080/3520-G ENDURIN ALDEHYDE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= *RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

002238

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	448000	428000	4.7
OCF60*2	407000	428000	-4.9
OCF60*3	409000	428000	-4.4

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

STORET: 34151 METHOD: 8080/3520-G ENDOSULFAN SULFATE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	519000	482000	7.7
OCF60*2	488000	482000	1.2
OCF60*3	476000	482000	-1.2

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

STORET: 39480 METHOD: 8080/3520-G METHOXYCHLOR, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 1.0 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	522000	473000	10.4
OCF60*2	465000	473000	-1.7
OCF60*3	478000	473000	1.1

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

STORET: 38400 METHOD: 8080/3520-G TOXAPHENE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 100 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD-

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCF60*1	NA	0.0	
OCF60*2	NA	0.0	
OCF60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	REL%DIFF.

STORET: 34671 METHOD: 8080/3520-G PCB-1016, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 20 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD-

002239

METHOD BLANK(S)
SAMPLE ID CONCENTRATION
 QC*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	NA	0.0	
QCP60*2	NA	0.0	
QCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 39488 METHOD: 8080/3520-G PCB-1231, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT- 20 DATE: 03 DEC 1993 LARGEST RESPONSE- 1RSD-

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
 QC*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	NA	0.0	
QCP60*2	NA	0.0	
QCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 39492 METHOD: 8080/3520-G PCB-1232, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT- 20 DATE: 03 DEC 1993 LARGEST RESPONSE- 1RSD-

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
 QC*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	NA	0.0	
QCP60*2	NA	0.0	
QCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 39496 METHOD: 8080/3520-G PCB-1242, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT- 20 DATE: 03 DEC 1993 LARGEST RESPONSE- 1RSD-

METHOD BLANK(S)

SAMPLE ID CONCENTRATION
 QC*1 0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
QCP60*1	NA	0.0	
QCP60*2	NA	0.0	
QCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELATDIFF

STORET: 39500 METHOD: 8080/3520-G PCB-1248, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 20 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCP60*1	NA	0.0	
OCP60*2	NA	0.0	
OCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 39504 METHOD: 8080/3520-G PCB-1254, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 20 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCP60*1	NA	0.0	
OCP60*2	NA	0.0	
OCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 39508 METHOD: 8080/3520-G PCB-1260, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 20 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCP60*1	NA	0.0	
OCP60*2	NA	0.0	
OCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

STORET: 39350 METHOD: 8080/3520-G CHLORDANE, UG/L FINAL

CALIBRATION CURVE # 1

CURVE DETECTION LIMIT= 5 DATE: 03 DEC 1993 LARGEST RESPONSE= 1RSD=

METHOD BLANK(S)

SAMPLE ID	CONCENTRATION
QC*1	0.0

CONTINUING CALIBRATION STANDARD(S) *** Optional Quality Control Check ***

STANDARD ID	CALC. CONC	KNOWN CONC	DIFFERENCE
OCP60*1	NA	0.0	
OCP60*2	NA	0.0	
OCP60*3	NA	0.0	

STANDARD MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID	UNSP CONC	SPK CONC	FOUND	TARGET	% RECV	RELDIFF

002241

SAMPLE MATRIX SPIKE(S) *** Optional Quality Control Check ***

SAMPLE ID UNSP CONC SPX CONC FOUND TARGET % RECV RELDIFF

STORE# 96342 METHOD: SUR DECAChLOROBIPhENYL, UG/L QUAD

CALIBRATION CURVE # 1 (NG/ML)

CURVE DETECTION LIMIT= 2 DATE: 03 DEC 1993 LARGEST RESPONSE=3546014 ARSD=17.0987

CONC :	0	2	4	20	40	80	160	240	400
RESP :	0	29110	52327	249164	464439	516906	1590120	2246355	3546014
CONC :	-2.04	0.606	2.73	21.0	41.5	86.7	169	235	402
R.T. :		25.108	25.110	25.110	25.111	25.103	25.108	25.105	25.108

CONC = -2.0428E+00+ 9.0819E-05*RESP- 5.5083E-12*RESP**2+ *RESP**3

95% C.I. = 3.6578E+00 7.2646E-06 2.1306E-12

CORRELATION COEFFICIENT = .9997

SURROGATE SPIKE(S)

QC TYPE-PG-SEQ	PARAMETER	FOUND	TARGET	% RECV
MS-QC*1	96472*SUR TETRACHLORO-M-XYLENE	UG/L	0.951	1.00 95.1
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.816	1.00 81.6
SP1-QC*1	96472*SUR TETRACHLORO-M-XYLENE	UG/L	0.928	1.00 92.8
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.858	1.00 85.8
SPM1-CDDMTW*9	96472*SUR TETRACHLORO-M-XYLENE	UG/L	2.04	2.00 102.0
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.939	1.00 93.9
SPM2-CDDMTW*9	96472*SUR TETRACHLORO-M-XYLENE	UG/L	1.76	2.00 88.0
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.636	1.00 63.6
DA-CDDMTW*9	96472*SUR TETRACHLORO-M-XYLENE	UG/L	0.588	1.00 58.8
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.230	1.00 23.0 Recovery exceeds criteria.
DA-CDDMTW*10	96472*SUR TETRACHLORO-M-XYLENE	UG/L	0.545	1.00 54.5
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.116	1.00 11.6 Recovery exceeds criteria.
DA-CDDMTW*11	96472*SUR TETRACHLORO-M-XYLENE	UG/L	0.518	1.00 51.8
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.093	1.00 9.3 Recovery exceeds criteria.
DA-CDDMTW*12	96472*SUR TETRACHLORO-M-XYLENE	UG/L	0.859	1.00 85.9
	96342*SUR DECAChLOROBIPhENYL	UG/L	0.223	1.00 22.3 Recovery exceeds criteria.
CCS*OCF60*1	96472*SUR TETRACHLORO-M-XYLENE	UG/L	2240000	2070000 108.2
	96342*SUR DECAChLOROBIPhENYL	UG/L	2340000	2250000 104.0
CCS*OCF60*2	96472*SUR TETRACHLORO-M-XYLENE	UG/L	2050000	2070000 99.0
	96342*SUR DECAChLOROBIPhENYL	UG/L	2190000	2250000 97.3
CCS*OCF60*3	96472*SUR TETRACHLORO-M-XYLENE	UG/L	2100000	2070000 101.4
	96342*SUR DECAChLOROBIPhENYL	UG/L	2200000	2250000 97.8

SAMPLE RESULTS

96472-SUR										
TETRACHLOR										
O-M-XYLENE										
SAMPLE ID	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CDDMTW-9	0.588	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
CDDMTW-10	0.545	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.023
CDDMTW-11	0.518	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
CDDMTW-12	0.659	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
080/3520-G										
DIELDRIN										
080/3520-G										
ENDRIN										
080/3520-G										
DDD, PP'										
080/3520-G										
ENDOSULFAN										
, B										
080/3520-G										
DDT, PP'										
080/3520-G										
ENDRIN ALD										
080/3520-G										
ENDOSULFAN										
080/3520-G										
METHOXYCHL										
080/3520-G										
TOXAPHENE										
080/3520-G										
PCB-1016										
SAMPLE ID	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CDDMTW-9	0.044	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.500	<0.100
CDDMTW-10	0.011	<0.005	0.091	<0.005	0.041	<0.005	<0.005	<0.005	<0.500	<0.100
CDDMTW-11	<0.005	<0.005	<0.005	<0.005	0.015	<0.005	<0.005	<0.005	<0.500	<0.100
CDDMTW-12	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.500	<0.100
080/3520-G										
PCB-1221										
080/3520-G										
PCB-1232										
080/3520-G										
PCB-1242										
080/3520-G										
PCB 1248										
080/3520-G										
PCB-1254										
080/3520-G										
PCB-1260										
080/3520-G										
CHLORDANE										
96342-SUR										
DECAChLORO										
BIPHENYL										
SAMPLE ID	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
CDDMTW-9	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.025	0.230	
CDDMTW-10	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.025	0.116	
CDDMTW-11	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.025	0.093	
CDDMTW-12	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.025	0.223	

002243

UNITS AND EXAMPLE CALCULATIONS

UNITS ENTERED

FINAL CONCENTRATION	UG/L
INJECTION VOLUME	NA
SAMPLE VOLUME	ML
EXTRACT VOLUME	ML
CURVE CONCENTRATION	NG/ML
SPIKE SOLN CONCENTRATION	NG/ML
SPIKE VOLUME	ML
SPIKE SAMPLE VOLUME	ML
TARGET CONCENTRATION	UG/L
RESPONSE DESCRIPTION	PEAK AREA
CONVERSION FACTOR	NA

SPINBLOT 1:5 LINEAR RESPONSE = 91765

$$CONC = .45945 + 7.7534 \cdot 10^{-5} (91765) - (4.7865 \cdot 10^{-12}) (91765)^2$$

$$= .45945 + 7.1198 - 0.0403 = 7.5379 \text{ } \mu\text{g/L}$$

$$\text{FINAL CONC} = \frac{\text{CURV CONC} \cdot \text{EXT VOL} \cdot \text{DIL}}{\text{INJ VOL} \cdot \text{SAMP VOL} \cdot ((100 - \% \text{MOISTURE}) / 100)}$$

$$\text{UG/L} = \frac{(\text{NG/ML}) \cdot (\text{ML})}{(\text{NA}) \cdot (\text{ML})}$$

$$(0.194 \text{ } \mu\text{g/L}) = \frac{(7.5379 \text{ } \mu\text{g/L}) \cdot (5 \text{ mL})}{(NA) \cdot (1000 \text{ mL})} \cdot ((100 - (NA)) / 100)$$

$$\text{TARGET CONC} = \frac{\text{SPIKE SOLN CONC} \cdot \text{SPIKE VOL}}{\text{SPIKE SAMP VOL} \cdot ((100 - \% \text{MOISTURE}) / 100)}$$

$$\text{UG/L} = \frac{(\text{NG/ML}) \cdot (\text{ML})}{(\text{ML})}$$

Environmental Science and Engineering Analytical Services
Computer QC Checks

49 312

Batch No.: G44754 Analysis Date: 12/03/93 Analyst: FRANK REA

	"Exceptions"		
	Yes	No	Comment / Corrective Action
Are ALL units documented in batch?	X		
Analysis holding time within criteria?	X		
Extract holding time within criteria?	X		
No. of calibration standards present acceptable?	X		
Curve correlation coefficient ≥ 0.995 ?	X		
Calibration curve y-intercept $<$ curve detection limit?	X		
Sample responses within highest standard response?	X		
Method blank present?	X		
Method blank within acceptance criteria?	X		
Standard matrix spike present?	X		
Standard matrix spike within acceptance criteria?	X		
Sample matrix spike present?	X		
Sample matrix spike within acceptance criteria?	X		
Sample matrix spike duplicate present?	X		
Sample matrix spike duplicate within acceptance criteria?	X		
Surrogate present?	X		
Surrogate within acceptance criteria?		X	DCEP

Note: Any "NO" answer requires a comment.

*PCOF surrogate recovery for samples
600MTW49-12 was below criteria.
possible matrix effect. TCE
surrogate recovery for these
samples was within criteria.*

*FR
12/5/93*

002245

Environmental Science and Engineering Analytical Services
Internal QA/QC Checklist For GC and HPLC Analysis

Batch No.: G44754

Analysis Date: 12/03/93

Analyst: FRANK REA

	N/A	Yes	No	"Exceptions"	
				Comment /	Corrective Action
Is the method blank free of contamination?		<u>Y</u>			
If not, has the data been blank corrected?	<u>X</u>				
Are all analysis free of contamination from previous analysis?		<u>Y</u>			
If not, does the quality of the data remain unimpaired?	<u>X</u>				
Are calibration curves entered correctly?		<u>Y</u>			
Are reported values consistent with the required units?		<u>X</u>			
Are detection limits reported correctly?		<u>X</u>			
Are dilution factors entered correctly?		<u>X</u>			
Is the batch checked for data entry error(s)?		<u>Y</u>			
Have sufficient continuing calibration standards (CCS) been analyzed?		<u>X</u>			
If not, is an appropriate explanation provided?	<u>X</u>				
Are the CCS within criteria?		<u>Y</u>			
If not, is an appropriate explanation provided?	<u>X</u>				
Has second column confirmation been performed for all positive identifications made in the primary analysis?		<u>X</u>			
Have they been performed within analysis holding time?		<u>X</u>			
Is an example calculation provided?		<u>X</u>			
Has the batch documentation checklist been completed?		<u>X</u>			

Note: Any "NO" answer requires a comment.

Additional Comments:

Completed By: FRK
Date: 12/8/93

Reviewed By: [Signature]
Date: 12/8/93

Notification of appropriate Laboratory Coordinators required for "Exceptions":

Signature	Date	Comments
<u>[Signature]</u>	<u>12/8/93</u>	<u>SL</u>

OVERRIDE COMMENTS

BATCH OVERRIDE BY:

002246

CASE NARRATIVE

BATCH #: G44754
OCPs/PCBs

1. EPA Method 8080 for organics analysis was followed.
2. The following codes are used on the data report:
 - <DL = Below Detection Limit.
 - NC = Not confirmed by the other column.
 - RW = Peak outside retention time window.
3. DCBP surrogate recovery for samples CDDMTW*9-12 was below criteria. Since there was no problem with MB and QC SPK DCBP recoveries and all DCBP CCS passed criteria a matrix effect is suspected as the cause of the low recoveries in the samples. SPM1/SPM2*CDDMTW*9 presumably passed criteria due to the fact that only 500 ml of sample was used and therefore the matrix effect was lessened. TCX surrogate recovery for these samples was within criteria.
4. Dieldrin hits reported for samples CDDMTW*9, SPM1*CDDMTW*9, SPM2*CDDMTW*9, and CDDMTW*10 could not be confirmed due to occlusion caused by large unknown peak detected on column B.
5. Missing chromatograms belong to other batches.

002247

Sequence File : C:\2700\OCP\881A.SEQ
 Created by : FDR on : 12/6/93 09:10 AM
 Edited by : on : 12/6/93 09:10 AM
 Number Of Times Edited : 7

Sequence File Header Information:

Study Name :
 Segment Interface : YES
 Number of Cycles : 64
 Instrument Type : 760 / 900 Series Intelligent Interface
 Injection Type : SINGLE

Cycle	Sample Name	Sample Number	Site	Reck	Vial	Sequence Sample Descriptions		Inj. Volume	Dil. Factor	Mult	Divisor	Addend	Inst File	Output Device
						Sample Amount	STD Amount							
1	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
2	93320 TC 100 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
3	92220 TC 5 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
4	93312 TOX 1000 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
5	93312 TOX 100 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
6	EVAL		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
7	93308 OCP-0.5 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
8	93308 OCP-1.0 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
9	93308 OCP-5.0 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
10	93308 OCP-10 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
11	93308 OCP-20 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
12	93308 OCP-40 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
13	93308 OCP-60 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
14	93308 OCP-100 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
15	85480 PCB 1060 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
16	85480 PCB 1060 - 20		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
17	85468 PCB 1221 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
18	85468 PCB 1232 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
19	85468 PCB 1242 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
20	85468 PCB 1248 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
21	93325 PCB 1254 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
22	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
23	MB*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
24	SP1*QC*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
25	SPM1*GRUJRK4*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
26	SPM2*GRUJRK4*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
27	GRUJRK4*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
28	GRUJRK4*2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
29	GRUJRK4*3		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
30	GRUJRK4*4		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
31	CCS*OCP60*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
32	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
33	MB*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
34	SP1*QC*1 1:5		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
35	SPM1*CDDMTW*9 1:5		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
36	SPM2*CDDMTW*9 1:5		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
37	CDDMTW*9		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
38	CDDMTW*10		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
39	CDDMTW*11		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
40	CDDMTW*12		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
41	GRUJRK4*4 1:20		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
42	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
43	MB*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
44	SP1*QC*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
45	SPM1*CDDMTW*22 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
46	SPM2*CDDMTW*22 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
47	CDDMTW*22		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
48	CDDMTW*37		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
49	CCS*OCP60*2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
50	CCS*OCP60*3		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
51	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
52	MB*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:

										49	316		
53	SP1*QC*1 1:5	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
54	SPM1*CODNTW*3 1:5	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
55	SPM2*CODNTW*3 1:5	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
56	CODNTW*3	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
57	CODNTW*16	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
58	CODNTW*26	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
59	CODNTW*36	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
60	CODNTW*41	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
61	CODNTW*42	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
62	CCS*DCP60*4	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
63	CCS*DCP60*5	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:
64		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881A	SCRN:

=====

Software Version: 3.3 <4B11>

Sample Name : HEXANE

Time : 12/6/93 10:02 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 01:36 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A001.RAW

Result File : C:\2700\OCP\881A001.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 5

=====

DATA REPORT

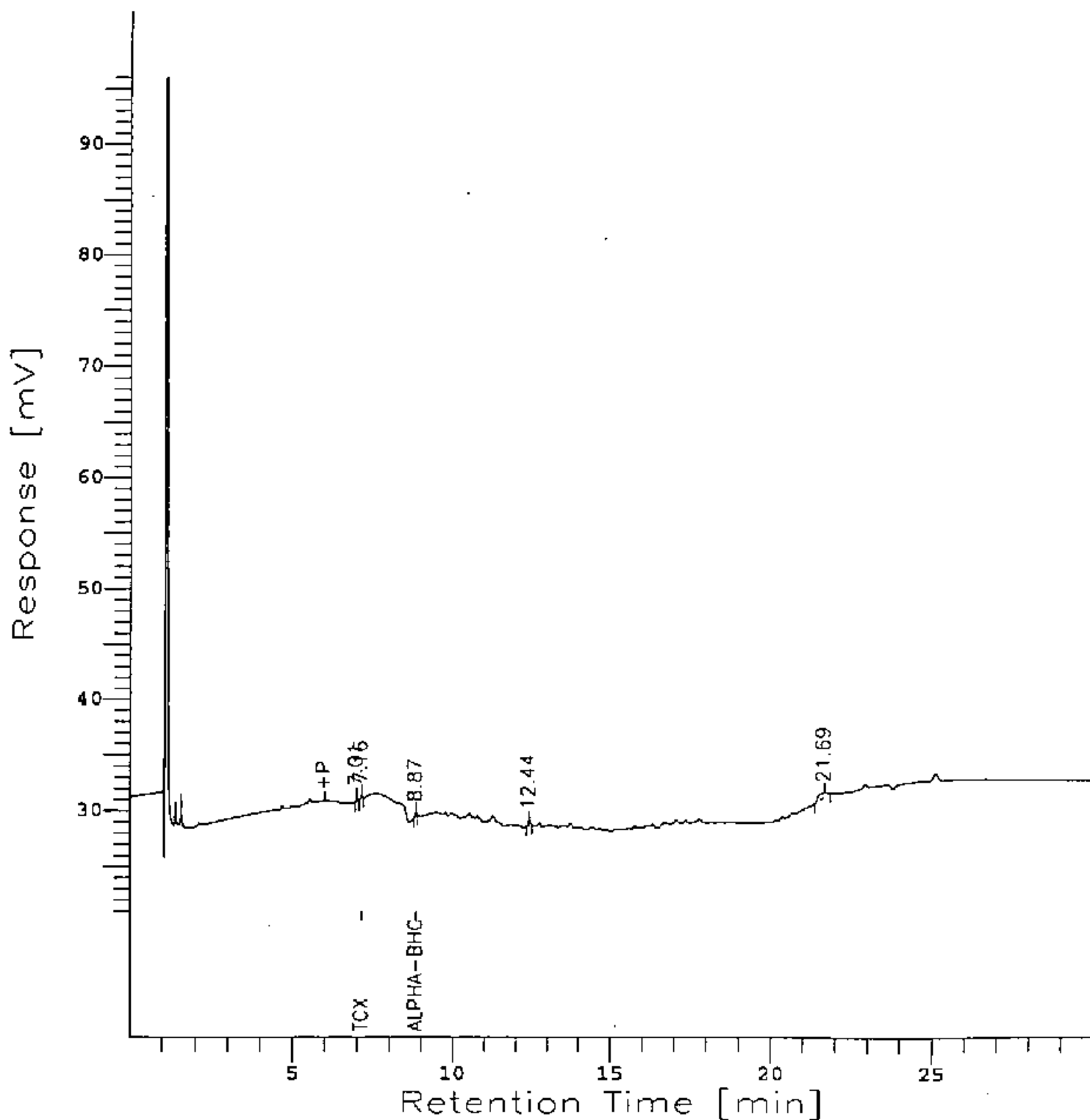
No Peaks Available To Report

Sample Name : HEXANE
FileName : C:\2700\DCP\881A001.raw
Method : 881A
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 21 mV

Sample #:
Date : 12/6/93 10:02 AM
Time of Injection: 12/3/93 01:36 PM
Low Point : 21.00 mV
Plot Scale: 75.0 mV

Page 1 of 1



002251

=====

Software Version: 3.3 <4B11>

Sample Name : 93320 TC 100 NG/ML

Time : 12/6/93 10:04 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 02:14 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A002.RAW

Result File : C:\2700\OCP\881A002.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.bmp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 52

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT (%)
4	7.152	TCX	1517124.14	369195.96	0.0823
11	9.802	LINDANE	24683.00	6561.39	0.0940
14	10.553	HEPTACHLOR	378167.10	90436.31	0.0635
15	10.795	DELTA-BHC	4734.00	1276.97	-0.0411
30	13.221	GAMMA-CHLORDANE	510088.52	102002.15	0.0404
33	13.672	ALPHA-CHLORDANE	337303.88	59672.05	0.0229
36	14.378	P,P'-DDE	53419.22	6776.28	-0.2091
37	14.681	DIELDRIN	101303.59	19138.37	0.1790
41	15.806	ENDRIN	185523.09	33123.97	0.2659
47	17.763	ENDOSULFAN SULFATE	5477.54	954.30	-0.1239
52	25.119	DCBP	1738042.80	187598.29	0.0471

4855866.88 876736.03

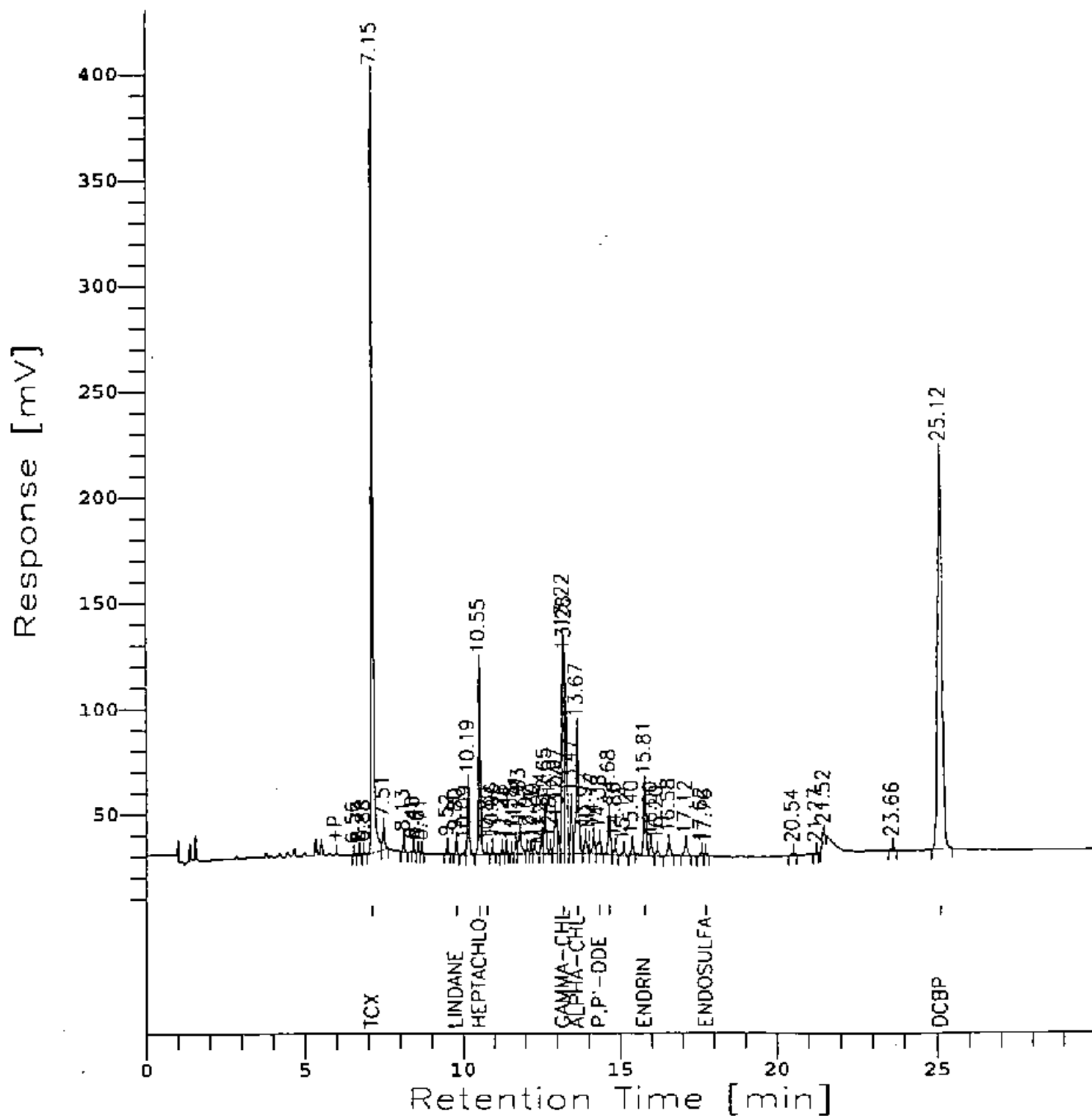
Chromatogram

49 320

Sample Name : 93320 TC 100 NG/ML
File Name : C:\2700\DCP\881A002.raw
Method : 881A
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 7 mV

Sample #:
Date : 12/6/93 10:04 AM
Time of Injection: 12/3/93 02:14 PM
Low Point : 6.84 mV
Plot Scale: 393.2 mV
Page 1 of 1
High Point : 400.09 mV



002253

=====

Software Version: 3.3 <4B11>

Sample Name : 92220 TC 5 NG/ML Time : 12/6/93 10:04 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 02:51 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A003.RAW

Result File : C:\2700\OCP\881A003.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 13

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (UV-sec)	Height (UV)	Delta RT (%)
2	7.153	TCX	18750.29	4925.40	0.1009
4	10.550	HEPTACHLOR	7022.00	1627.91	0.0336
6	13.216	GAMMA-CHLORDANE	10285.80	1580.32	-6e-15
7	13.669	ALPHA-CHLORDANE	5140.00	1085.48	0.0000
13	25.122	DCBP	29263.40	3448.72	0.0559

70461.49 12667.83

Chromatogram

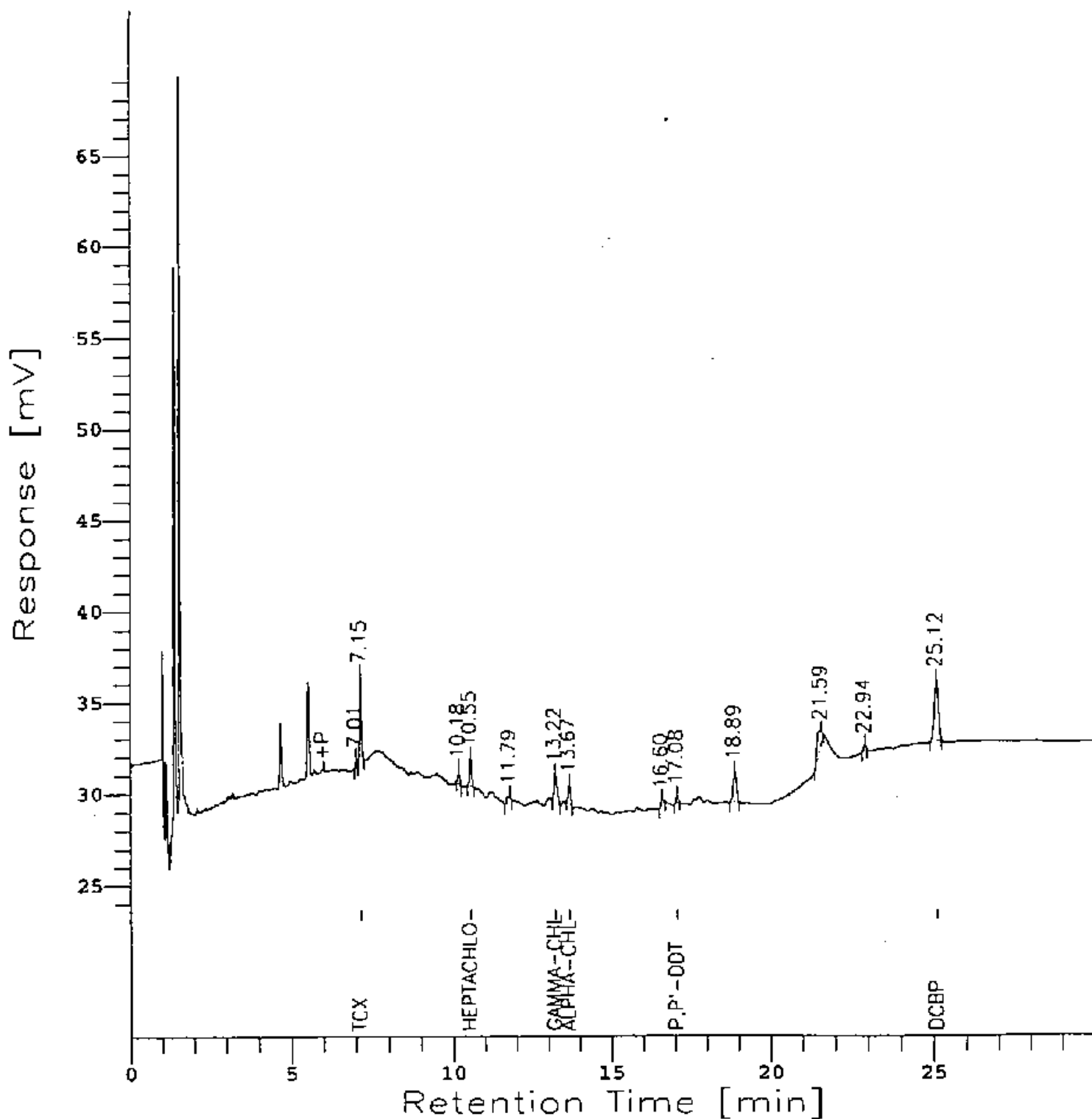
49 322

Sample Name : 92220 TC 5 NG/ML
FileName : C:\2700\OCP\881A003.raw
Method : 881A
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 24 mV

Sample # :
Date : 12/6/93 10:04 AM
Time of Injection : 12/3/93 02:51 PM
Low Point : 23.67 mV
Plot Scale : 45.7 mV

Page 1 of 1



002255

=====

Software Version: 3.3 <4B11>

Sample Name : 93312 TOX 1000 NG/ML

Time : 12/6/93 10:05 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 03:29 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A004.RAW

Result File : C:\2700\OCP\881A004.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 57

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [s]
1	7.150	TCX	1884583.20	460981.43	0.0585
14	12.777	HEPTACHLOR EPOXIDE	13750.48	1994.49	0.1678
19	13.705	ALPHA-CHLORDANE	21888.86	3723.12	0.2619
24	14.641	DIELDRIN	27064.46	5628.75	-0.0950
31	16.097	P,P'-DDD	155533.97	15085.10	-0.0773
35	17.098	P,P'-DDT	89727.00	13547.63	0.2677
36	17.403	ENDRIN ALDEHYDE	18551.60	2734.61	0.2315
38	17.802	ENDOSULFAN SULFATE	23768.40	3421.57	0.0931
48	20.296	METHOXYCHLOR	12470.40	1679.80	-0.2482
57	25.120	OCBP	2128726.00	228083.68	0.0517

4376064.37 736879.99

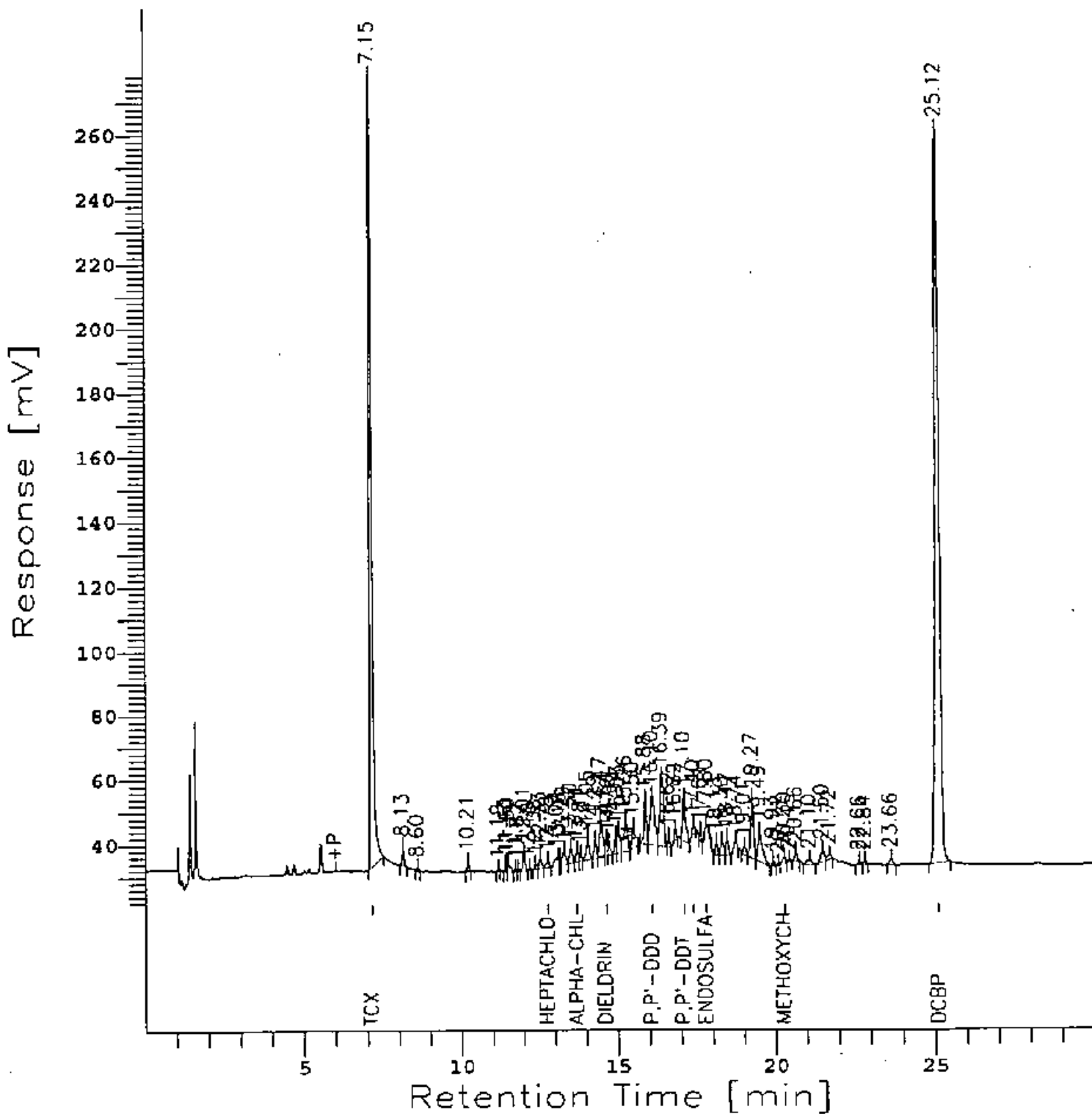
Chromatogram

Sample Name : 93312 TOX 1000 NG/ML
File Name : C:\2700\OCP\881A004.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 21 mV

Sample # :
Date : 12/6/93 10:06 AM
Time of Injection : 12/3/93 03:29 PM
Low Point : 21.32 mV
Plot Scale : 257.6 mV

Page 1 of 1



002257

=====

Software Version: 3.3 <4B11>

Sample Name : 93312 TOX 100 NG/ML

Time : 12/6/93 10:06 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 04:07 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A005.RAW

Result File : C:\2700\OCP\881A005.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 22

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area (UV-sec)	Height (uV)	Delta RT (%)
1	7.151	TCX	215134.40	55227.81	0.0780
13	16.097	P,P'-DDD	7576.80	1090.79	-0.0740
16	17.088	P,P'-DDT	10402.40	1911.87	0.2082
18	17.774	ENDOSULFAN SULFATE	5222.80	932.11	-0.0643
22	25.122	DCBP	284468.20	31987.93	0.0576
			522804.60	91150.50	

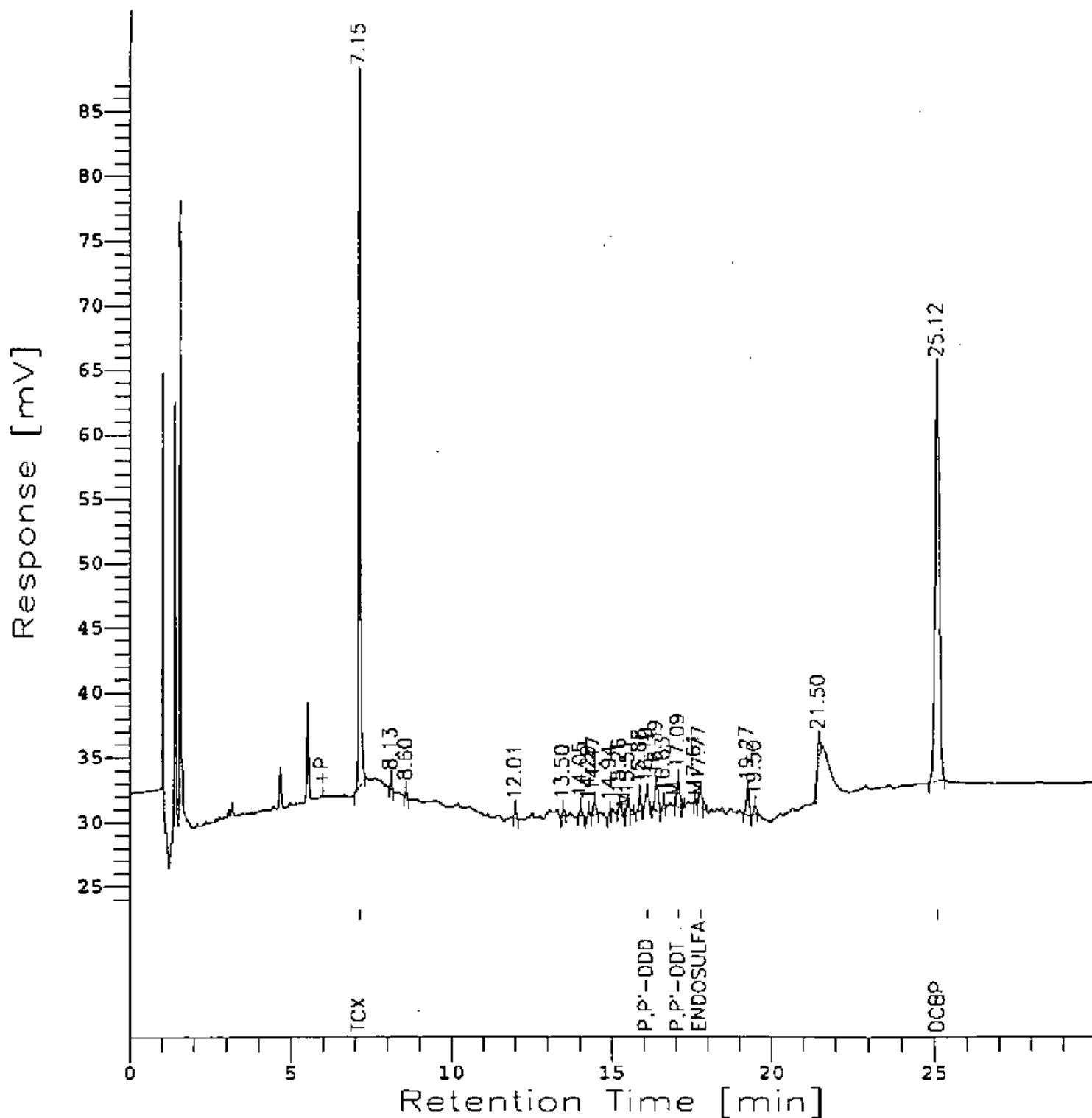
=====

Sample Name : 93312 TOX 100 NG/ML
FileName : C:\2700\DCP\881A005.raw
Method : 881A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 23 mV

Sample #:
Date : 12/6/93 10:07 AM
Time of Injection: 12/3/93 04:07 PM
Low Point : 23.21 mV
Plot Scale: 64.6 mV
High Point : 87.84 mV

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002259

=====

Software Version: 3.3 <4B11>

Sample Name : EVAL

Time : 12/6/93 10:07 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 04:44 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A006.RAW

Result File : C:\2700\OCP\881A006.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 12

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
1	7.146	TCX	1279800.00	318405.91	0.0028
5	15.764	ENDRIN	324408.40	64455.18	0.0035
6	16.127	P,P'-DDD	5211.20	995.24	0.1141
8	17.054	P,P'-DDT	267594.60	46625.40	0.0061
12	25.111	DCBP	1342743.60	147367.23	0.0133
			3199757.80	577848.95	

=====

Chromatogram

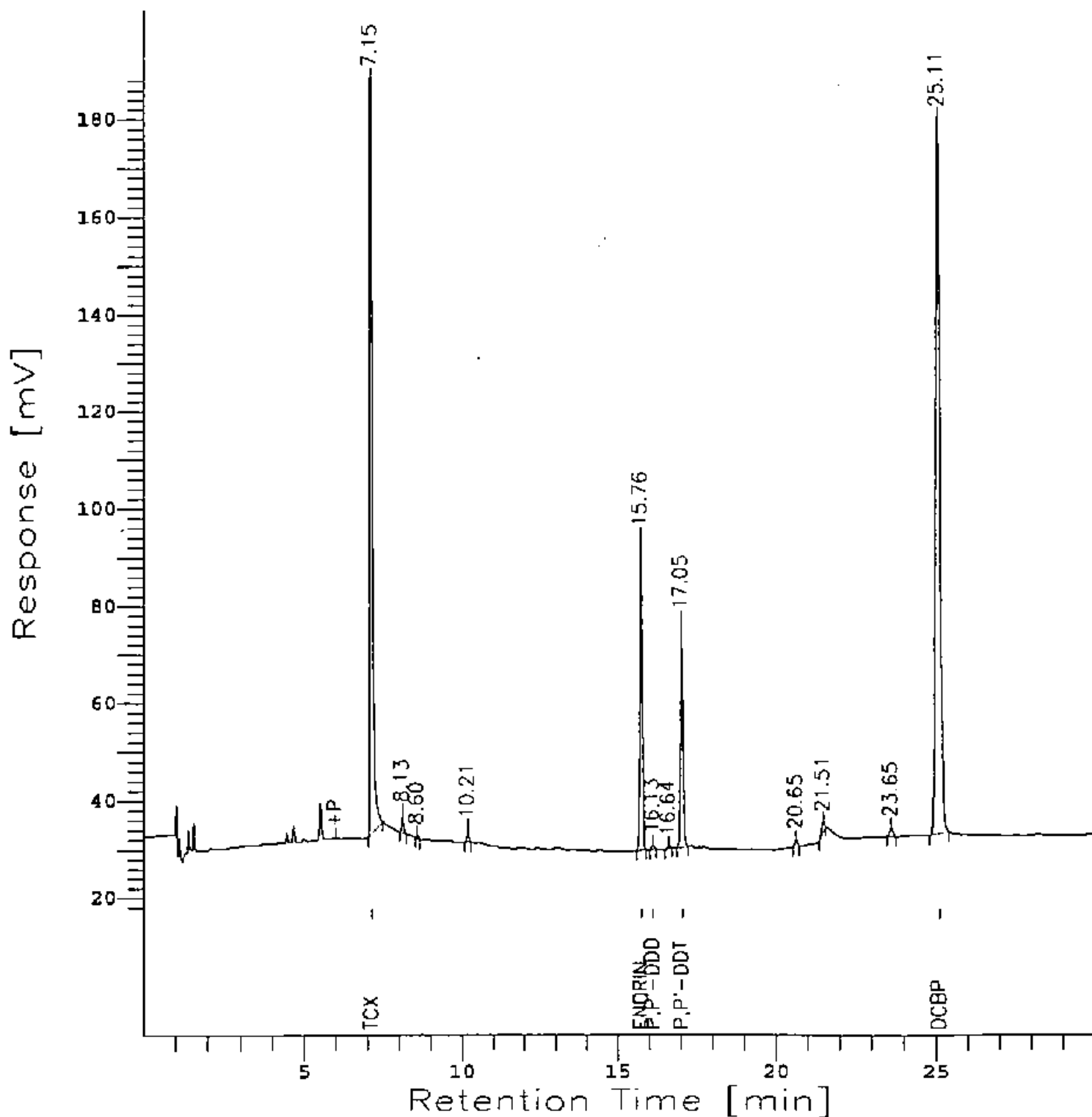
49 328

Sample Name : EVAL
FileName : C:\2700\OCP\881A006.raw
Method : 881A
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 18 mV

Sample #:
Date : 12/6/93 10:07 AM
Time of Injection: 12/3/93 04:44 PM
Low Point : 17.76 mV
Plot Scale: 171.1 mV

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002261

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-0.5 NG/ML

Time : 12/6/93 10:08 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 05:22 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A007.RAW

Result File : C:\2700\OCP\881A007.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 23

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	Height [UV]	Delta RT [X]
1	7.150	TCX	20130.60	5350.64	0.0564
2	8.862	ALPHA-BHC	5275.80	1485.94	-0.0021
3	9.793	LINDANE	4492.40	1365.87	-0.0040
4	9.957	BETA-BHC	2452.40	712.22	0.0185
5	10.547	HEPTACHLOR	7415.80	1799.92	0.0039
6	10.798	DELTA-BHC	3125.60	899.64	-0.0125
7	11.301	ALDRIN	5179.00	1319.89	-0.0143
9	12.754	HEPTACHLOR EPOXIDE	5674.40	1234.85	-0.0127
10	13.756	ENDOSULFAN A	4746.80	1031.10	-0.0180
11	14.406	P,P'-DDE	3729.20	728.98	-0.0204
12	14.651	DIELDRIN	3461.60	794.90	-0.0264
13	15.761	ENDRIN	4312.00	874.01	-0.0135
15	16.322	ENDOSULFAN B	3733.20	797.03	-0.0098
17	17.058	P,P'-DDT	3928.80	1104.29	0.0311
18	17.363	ENDRIN ALDEHYDE	3382.80	672.96	0.0030
19	17.781	ENDOSULFAN SULFATE	4438.80	781.38	-0.0210
20	20.347	METHOXYCHLOR	2923.60	591.55	0.0043
23	25.108	DCBP	29110.40	3502.71	0.0036

119513.20 25047.89

Chromatogram

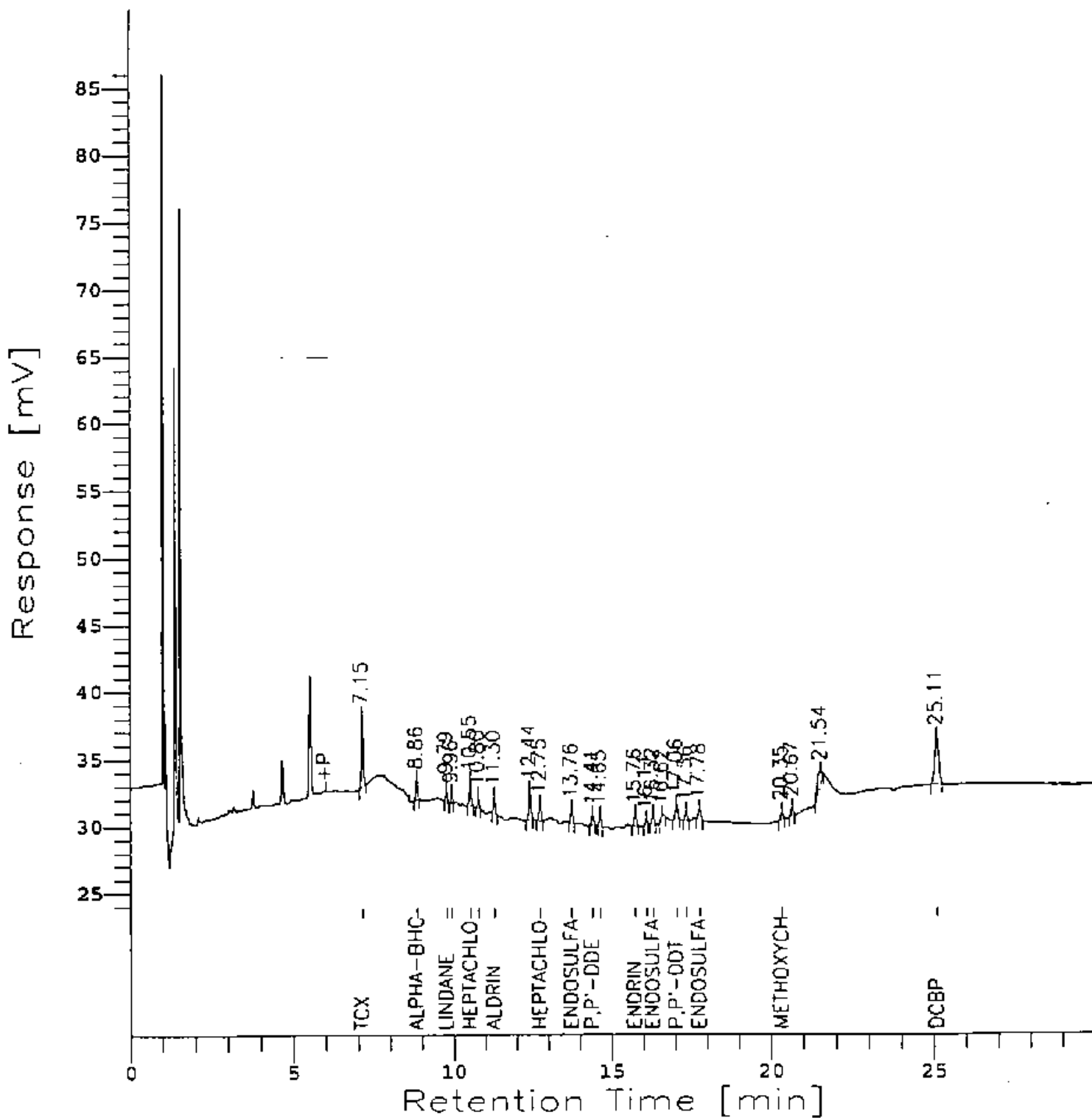
49 330

Sample Name : 93308 OCP-0.5 NG/ML
FileName : C:\2700\OCP\881A007.raw
Method : 881A
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset: 24 mV

Sample #:
Date : 12/6/93 10:08 AM
Time of Injection: 12/3/93 05:22 PM
Low Point : 23.87 mV
Plot Scale: 62.2 mV
High Point : 86.05 mV

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002263

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-1.0 NG/ML

Time : 12/6/93 10:08 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 06:00 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A008.RAW

Result File : C:\2700\OCP\881A008.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 23

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	Height [uV]	Delta RT [X]
1	7.148	TCX	38812.80	10295.89	0.0277
2	8.861	ALPHA-BHC	10666.80	3056.57	-0.0196
3	9.792	LINDANE	9820.80	2913.17	-0.0097
4	9.955	BETA-BHC	4875.60	1429.22	0.0021
5	10.546	HEPTACHLOR	14948.00	3625.32	-0.0029
6	10.797	DELTA-BHC	7114.00	1963.49	-0.0187
7	11.302	ALDRIN	10660.80	2652.87	0.0017
9	12.754	HEPTACHLOR EPOXIDE	11324.40	2499.25	-0.0070
10	13.758	ENDOSULFAN A	10485.60	2174.13	-0.0030
11	14.409	P,P'-DDE	8569.98	1471.69	0.0019
12	14.654	DIELDRIN	8330.82	1714.67	-0.0070
13	15.763	ENDRIN	7699.00	1598.63	-0.0028
14	16.106	P,P'-DDD	4846.21	856.15	-0.0190
15	16.324	ENDOSULFAN B	9050.39	1696.60	0.0042
17	17.057	P,P'-DDT	9153.60	1675.39	0.0273
18	17.361	ENDRIN ALDEHYDE	6930.00	1354.63	-0.0062
19	17.779	ENDOSULFAN SULFATE	9139.20	1580.18	-0.0312
20	20.346	METHOXYCHLOR	6649.60	1253.62	-0.0009
23	25.109	DCBP	52326.80	6178.42	0.0081

241404.40 49989.90

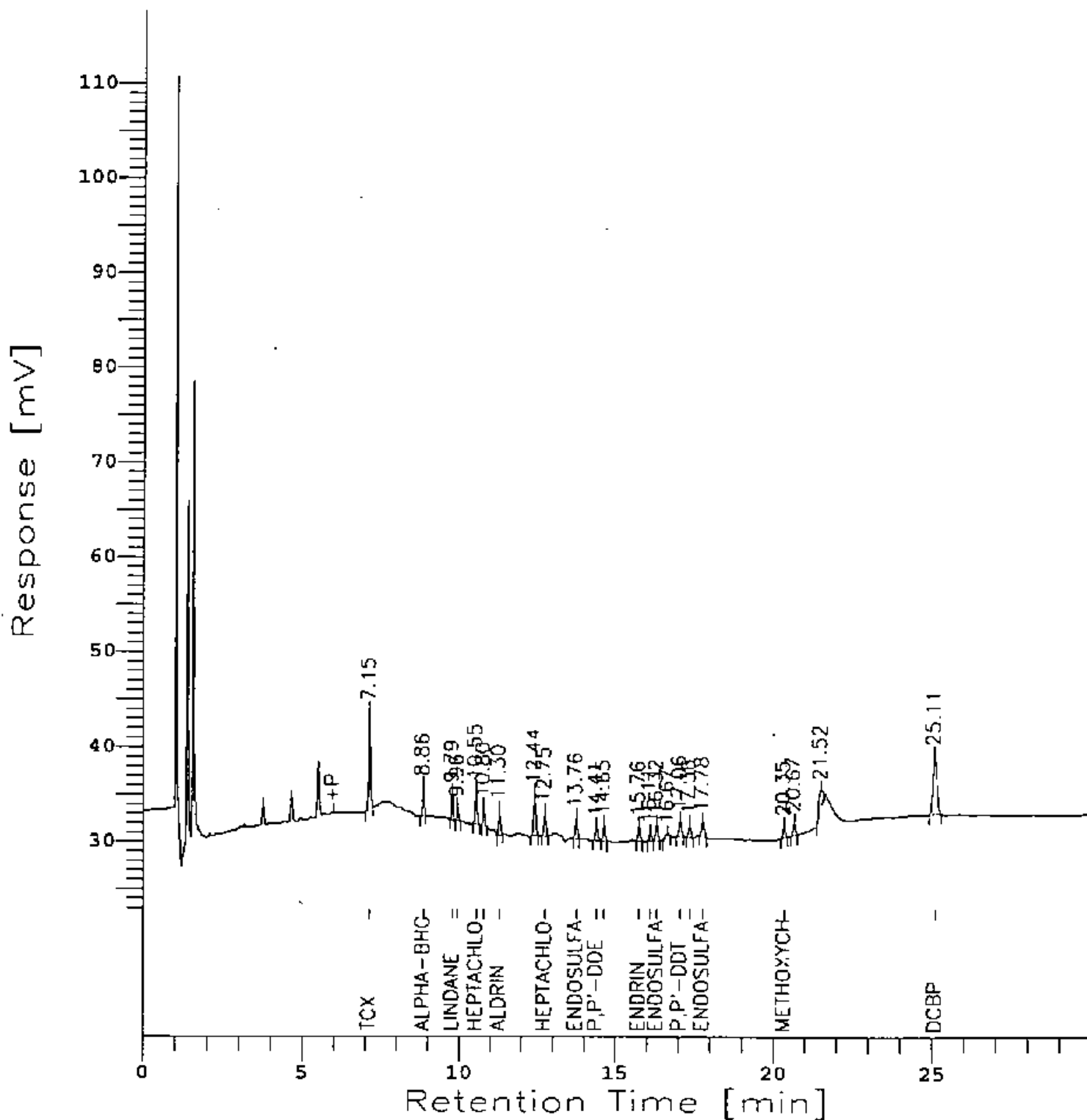
Chromatogram

Sample Name : 93308 OCP-1.0 NG/ML
FileName : C:\2700\OCP\881A008.raw
Method : 881A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 23 mV

Sample #:
Date : 12/6/93 10:08 AM
Time of Injection: 12/3/93 06:00 PM
Low Point : 22.89 mV
Plot Scale: 87.9 mV
High Point : 110.80 mV

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Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-5.0 NG/ML

Time : 12/6/93 10:20 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 06:37 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A009.RAW

Result File : C:\2700\OCP\881A009.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 24

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [X]
1	7.148	TCX	192602.20	48886.87	0.0303
4	8.862	ALPHA-BHC	56774.20	15568.74	-0.0093
5	9.792	LINDANE	53198.20	14930.36	-0.0054
6	9.955	BETA-BHC	29816.60	7528.68	0.0010
7	10.545	HEPTACHLOR	72395.80	17538.86	-0.0086
8	10.798	DELTA-BHC	44401.00	10505.87	-0.0074
9	11.301	ALDRIN	55684.80	13540.94	-0.0151
11	12.754	HEPTACHLOR EPOXIDE	58339.20	12254.72	-0.0120
12	13.756	ENDOSULFAN A	54448.40	10800.48	-0.0169
13	14.408	P,P'-DDE	39552.93	6483.92	-0.0044
14	14.654	DIELDRIN	46179.07	8877.79	-0.0091
15	15.761	ENDRIN	40655.20	7777.66	-0.0152
16	16.111	P,P'-DDD	24177.49	4009.18	0.0114
17	16.321	ENDOSULFAN B	47093.31	8522.75	-0.0166
18	17.053	P,P'-DDT	32989.10	5786.04	0.0007
19	17.362	ENDRIN ALDEHYDE	38594.30	6808.27	-0.0013
20	17.785	ENDOSULFAN SULFATE	41244.00	7050.19	-0.0024
21	20.347	METHOXYCHLOR	56741.78	6305.07	0.0067
24	25.110	DEBP	249164.00	27921.66	0.0113

1214051.58 241097.94

Chromatogram

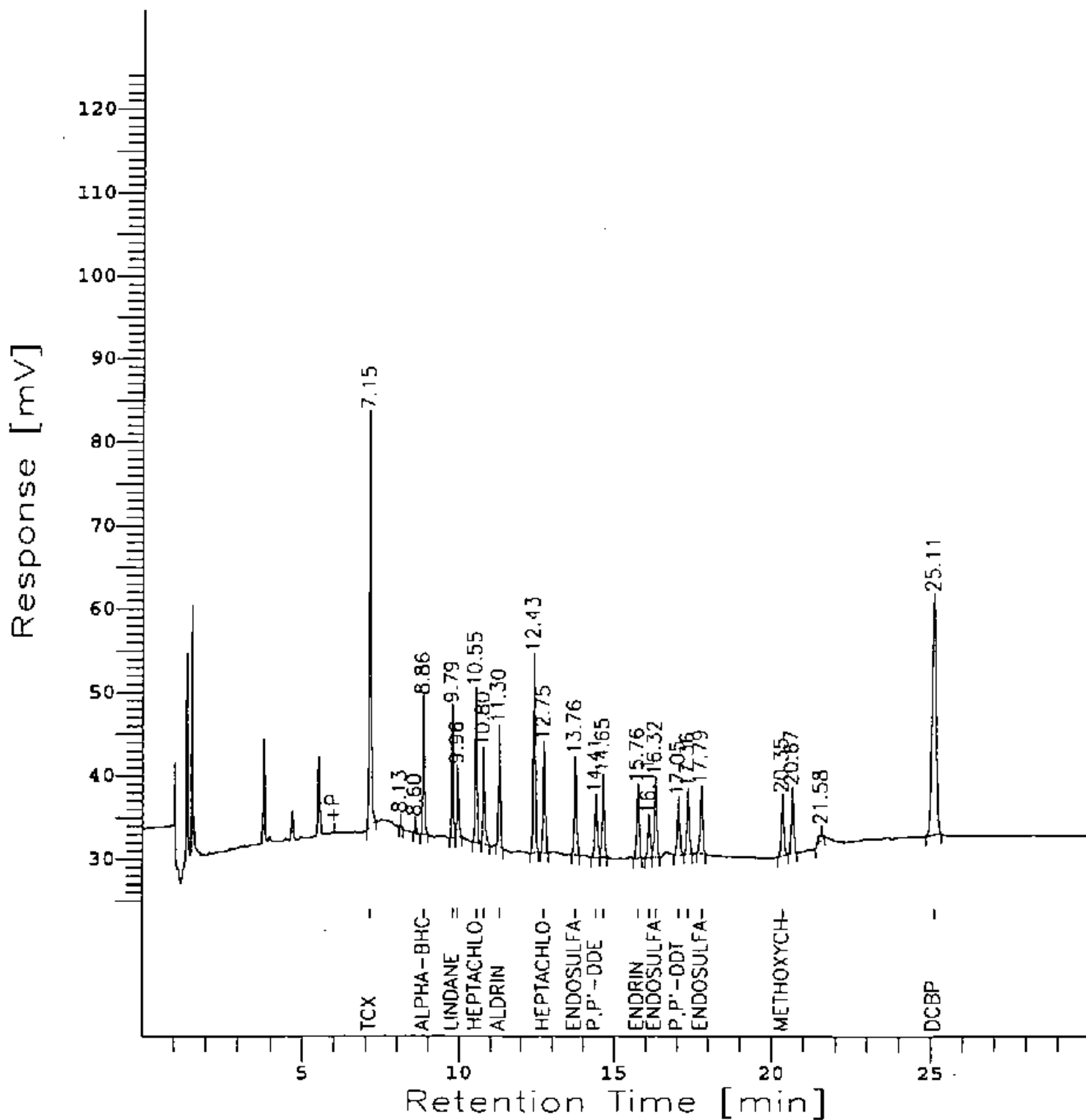
49 334

Sample Name : 93308 OCP-5.0 NG/ML
FileName : C:\2700\OCP\881A009.raw
Method : 881A
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 24 mV

Sample #:
Date : 12/6/93 10:20 AM
Time of Injection: 12/3/93 06:37 PM
Low Point : 24.10 mV
Plot Scale: 100.0 mV
High Point : 124.10 mV

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002267

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-10 NG/ML

Time : 12/6/93 10:21 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 07:15 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A010.RAW

Result File : C:\2700\OCP\881A010.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 25

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
1	7.147	TCX	372146.00	95040.32	0.0152
5	8.863	ALPHA-BHC	117305.60	32631.42	0.0045
6	9.794	LINDANE	110774.82	31863.42	0.0067
7	9.955	BETA-BHC	61389.58	15172.96	0.0048
8	10.547	HEPTACHLOR	140516.32	34994.12	0.0036
9	10.799	DELTA-BHC	91089.28	22014.48	-0.0023
10	11.303	ALDRIN	111234.80	27934.43	0.0041
12	12.755	HEPTACHLOR EPOXIDE	113626.00	24115.80	-7e-05
13	13.758	ENDOSULFAN A	106538.00	21995.13	-0.0022
14	14.410	P,P'-DDE	76768.17	13152.93	0.0071
15	14.655	DIELDRIN	91679.83	17769.23	-0.0004
16	15.763	ENDRIN	80286.80	15726.44	-0.0062
17	16.110	P,P'-DDD	49338.77	8203.28	0.0048
18	16.523	ENDOSULFAN B	91079.23	16914.52	-0.0064
19	17.053	P,P'-DDT	63650.98	11589.89	0.0016
20	17.563	ENDRIN ALDEHYDE	75899.62	13591.14	0.0021
21	17.785	ENDOSULFAN SULFATE	78975.80	13725.52	0.0017
22	20.547	METHOXYCHLOR	74344.07	12847.86	0.0058
25	25.111	DCBP	464438.80	52031.52	0.0150

2371082.47 481314.40

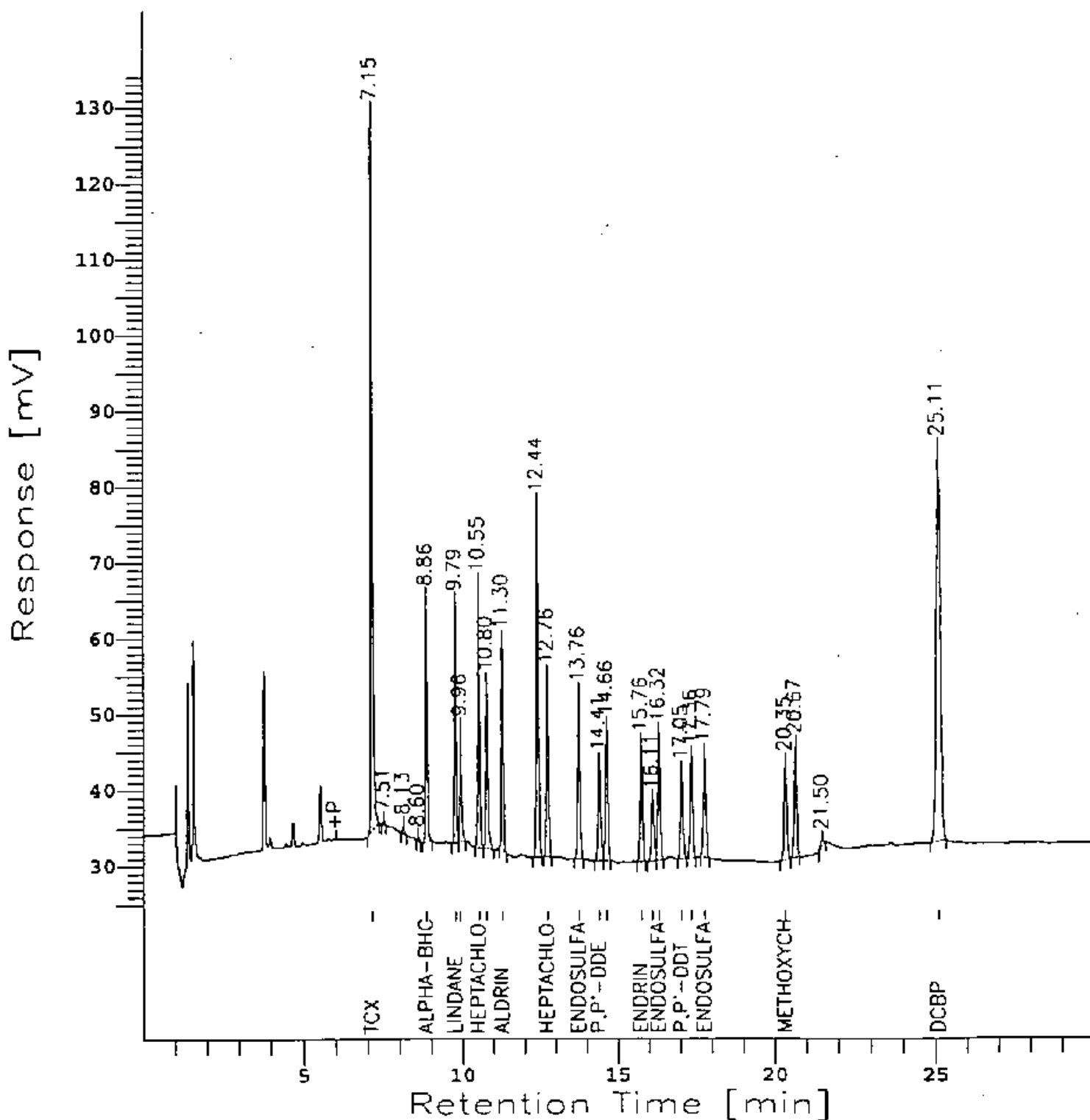
Chromatogram

Sample Name : 93308 OCP-10 NG/ML
FileName : C:\2700\OCP\881A010.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 24 mV

Sample # :
Date : 12/6/93 10:21 AM
Time of Injection : 12/3/93 07:15 PM
Low Point : 24.10 mV
Plot Scale : 110.0 mV
High Point : 134.10 mV

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002269

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-20 NG/ML

Time : 12/6/93 10:21 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 07:52 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A011.RAW

Result File : C:\2700\OCP\881A011.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 28

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
1	7.147	TCX	804834.00	194276.54	0.0131
5	8.863	ALPHA-BHC	282224.00	78501.67	0.0040
7	9.793	LINDANE	261266.00	73538.35	0.0001
8	9.954	BETA-BHC	146018.60	33554.40	-0.0081
10	10.545	HEPTACHLOR	301998.00	74525.04	-0.0092
11	10.798	DELTA-BHC	214310.09	53274.28	-0.0097
12	11.300	ALDRIN	264442.71	62664.24	-0.0229
14	12.753	HEPTACHLOR EPOXIDE	244966.20	51407.42	-0.0153
15	13.755	ENDOSULFAN A	230166.20	46239.94	-0.0309
16	14.405	P,P'-DDE	168560.01	29500.85	-0.0260
17	14.651	DIELDRIN	202453.99	39165.82	-0.0268
18	15.760	ENDRIN	176783.00	34152.60	-0.0220
19	16.106	P,P'-DDD	109939.51	18806.03	-0.0168
20	16.322	ENDOSULFAN B	200364.09	35995.04	-0.0114
21	17.049	P,P'-DDT	139591.56	25499.10	-0.0194
22	17.359	ENDRIN ALDEHYDE	153537.24	26398.14	-0.0185
23	17.785	ENDOSULFAN SULFATE	166903.60	28322.74	-0.0020
24	20.343	METHOXYCHLOR	162397.29	27190.92	-0.0137
28	25.103	DCBP	916905.60	99918.34	-0.0185

5147661.89 1.033e+06

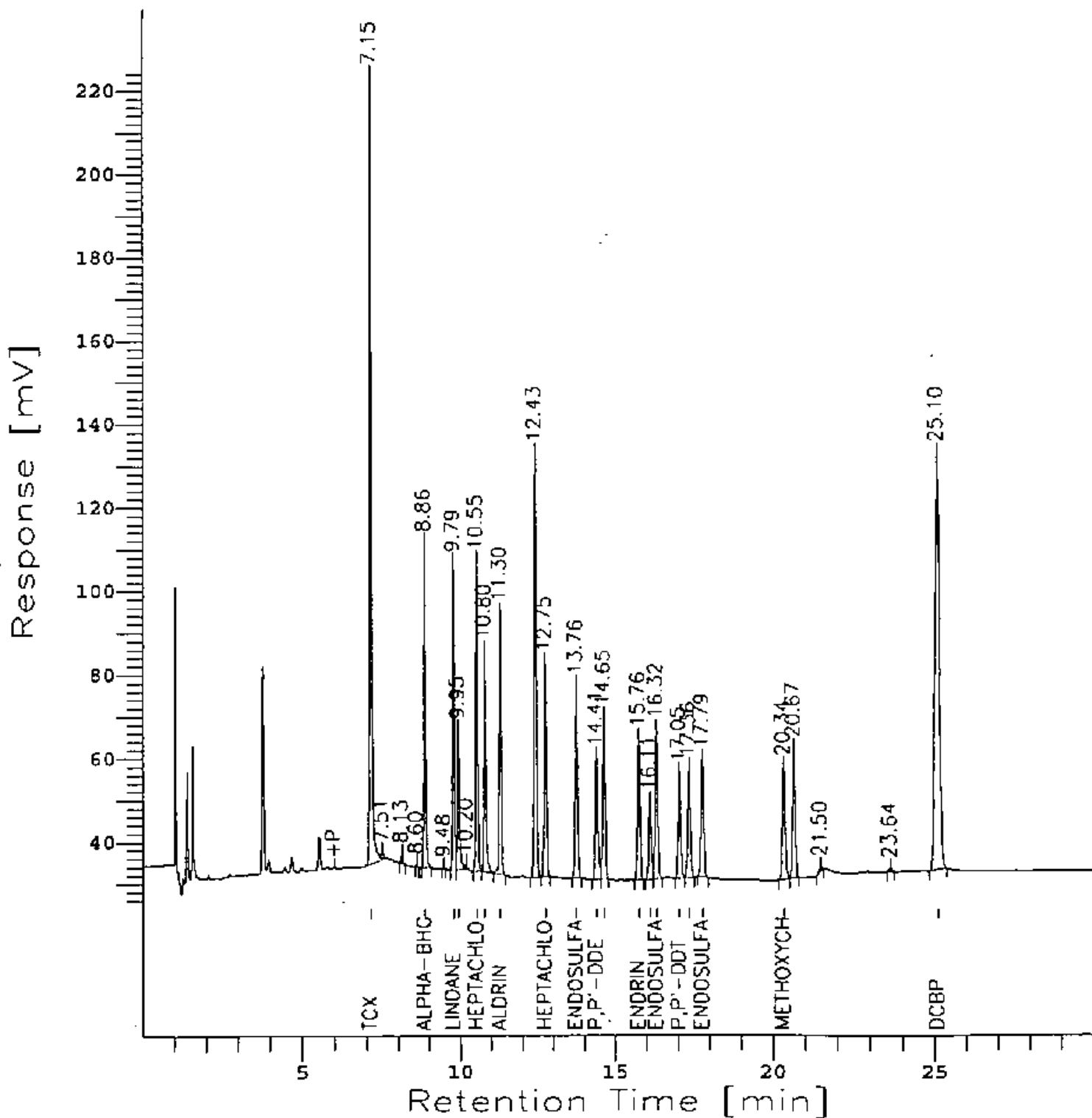
Chromatogram

Sample Name : 93308 OCP-20 NG/ML
FileName : C:\2700\OCP\881A011.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 24 mV

Sample # :
Date : 12/6/93 10:22 AM
Time of Injection: 12/3/93 07:52 PM
Low Point : 24.10 mV
Plot Scale : 200.0 mV

Page 1 of 1
49 338



002271

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-40 NG/ML

Time : 12/6/93 10:22 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 08:30 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A012.RAW

Result File : C:\2700\OCP\881A012.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 29

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
1	7.146	TEX	1432487.60	353054.77	-2e-15
5	8.862	ALPHA-BHC	577942.20	166503.67	-3e-15
7	9.793	LINDANE	525717.75	150862.09	6.0e-15
8	9.955	BETA-BHC	274250.65	64281.76	-5e-15
10	10.546	HEPTACHLOR	572027.20	146662.53	5.6e-15
11	10.799	DELTA-BHC	443640.80	117443.26	-7e-15
13	11.302	ALDRIN	497520.77	125168.57	-7e-15
15	12.755	HEPTACHLOR EPOXIDE	468827.60	100837.56	-2e-15
16	13.759	ENDOSULFAN A	439900.00	90087.06	-4e-15
17	14.408	P,P'-DDE	338251.00	62652.18	3.3e-15
18	14.655	DIELDRIN	401317.80	80875.76	0.0000
19	15.764	ENDRIN	349379.60	69222.38	-2e-15
20	16.109	P,P'-DDD	226165.34	41825.34	7.4e-15
21	16.324	ENDOSULFAN B	378705.06	70973.26	-1e-15
22	17.053	P,P'-DDT	276544.46	52219.04	-4e-15
23	17.362	ENDRIN ALDEHYDE	290015.14	51742.97	4.1e-15
24	17.785	ENDOSULFAN SULFATE	319473.60	55153.21	5.3e-15
25	20.346	METHOXYCHLOR	314057.00	53035.65	-3e-15
29	25.107	DCBP	1590127.60	173681.67	-6e-15

9716351.18 2.026e+06

Chromatogram

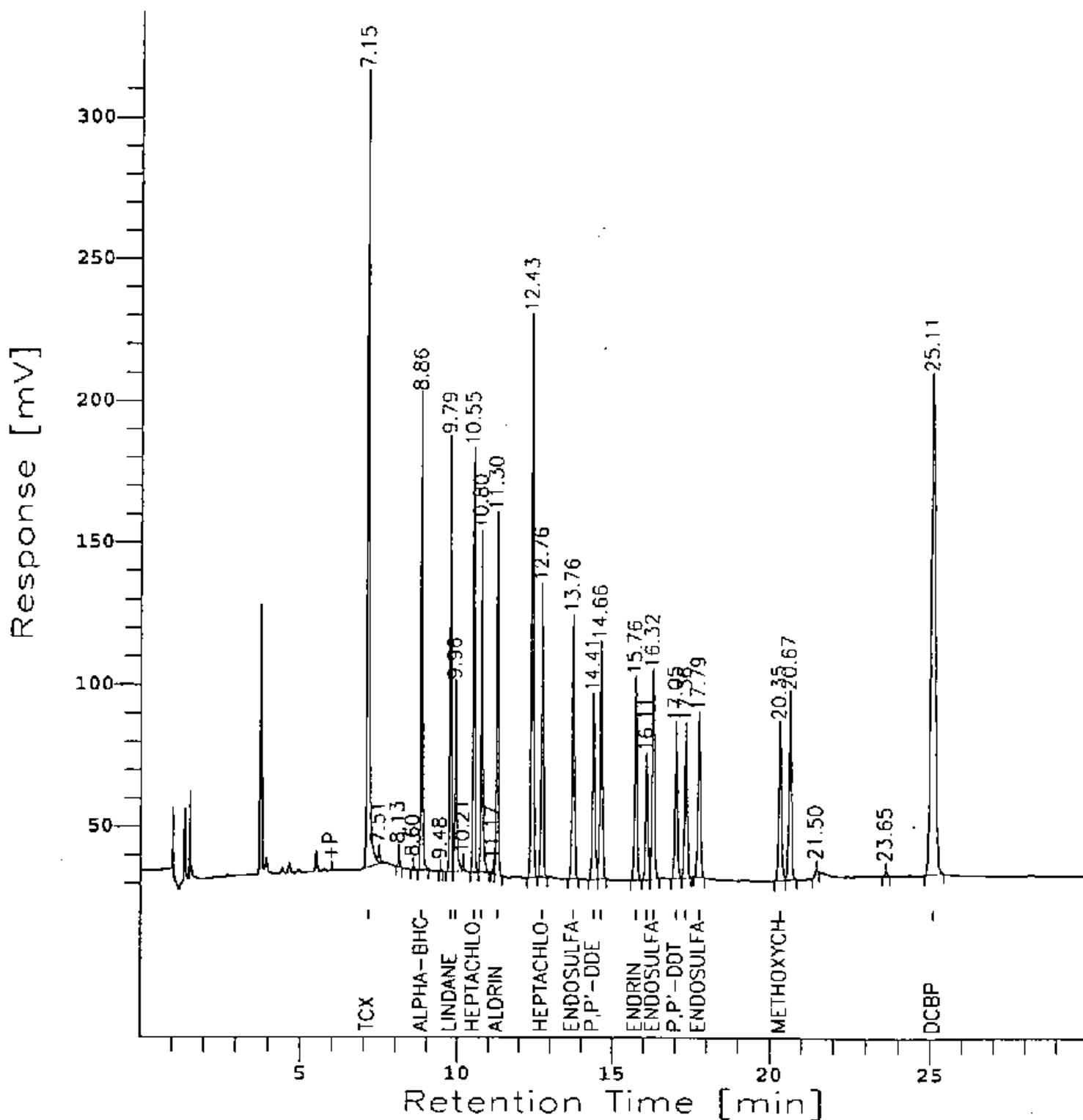
49 340

Sample Name : 93308 OCP-40 NG/ML
FileName : C:\2700\OCP\881A012.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset: 21 mV

Sample #:
Date : 12/6/93 10:22 AM
Time of Injection: 12/3/93 08:30 PM
Low Point : 20.73 mV
Plot Scale: 293.1 mV
High Point : 313.79 mV

Page 1 of 1



002273

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-60 NG/ML

Time : 12/6/93 10:22 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 09:08 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A013.RAW

Result File : C:\2700\OCP\881A013.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 32

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uv-sec]	Height [uv]	Delta RT [%]
1	7.166	TCX	2068150.80	504050.62	0.0048
5	8.863	ALPHA-BHC	895211.60	254213.15	0.0009
7	9.793	LINDANE	810408.58	226871.16	0.0012
8	9.954	BETA-BHC	415669.42	95867.81	-0.0108
10	10.546	HEPTACHLOR	860539.80	217398.43	-0.0045
11	10.797	DELTA-BHC	704044.60	184695.17	-0.0161
13	11.302	ALDRIN	761149.26	188331.49	-0.0006
16	12.753	HEPTACHLOR EPOXIDE	706817.60	151040.09	-0.0140
17	13.757	ENDOSULFAM A	662585.60	134727.89	-0.0129
18	14.404	P,P'-DDE	527269.15	99050.45	-0.0286
19	14.653	DIELDRIN	620817.25	122806.60	-0.0125
20	15.761	ENDRIN	539868.40	107979.56	-0.0154
21	16.106	P,P'-DDD	354062.06	66825.38	-0.0106
22	16.320	ENDOSULFAM B	576903.94	105782.59	-0.0239
23	17.048	P,P'-DDT	432609.30	81192.95	-0.0265
24	17.360	ENDRIN ALDEHYDE	427922.30	75518.30	-0.0118
25	17.785	ENDOSULFAM SULFATE	481827.20	82466.53	0.0008
27	20.344	METHOXYCHLOR	472872.00	78284.16	-0.0096
32	25.105	DCBP	2246355.20	242210.89	-0.0104

14565084.D6 3.019e+06

Chromatogram

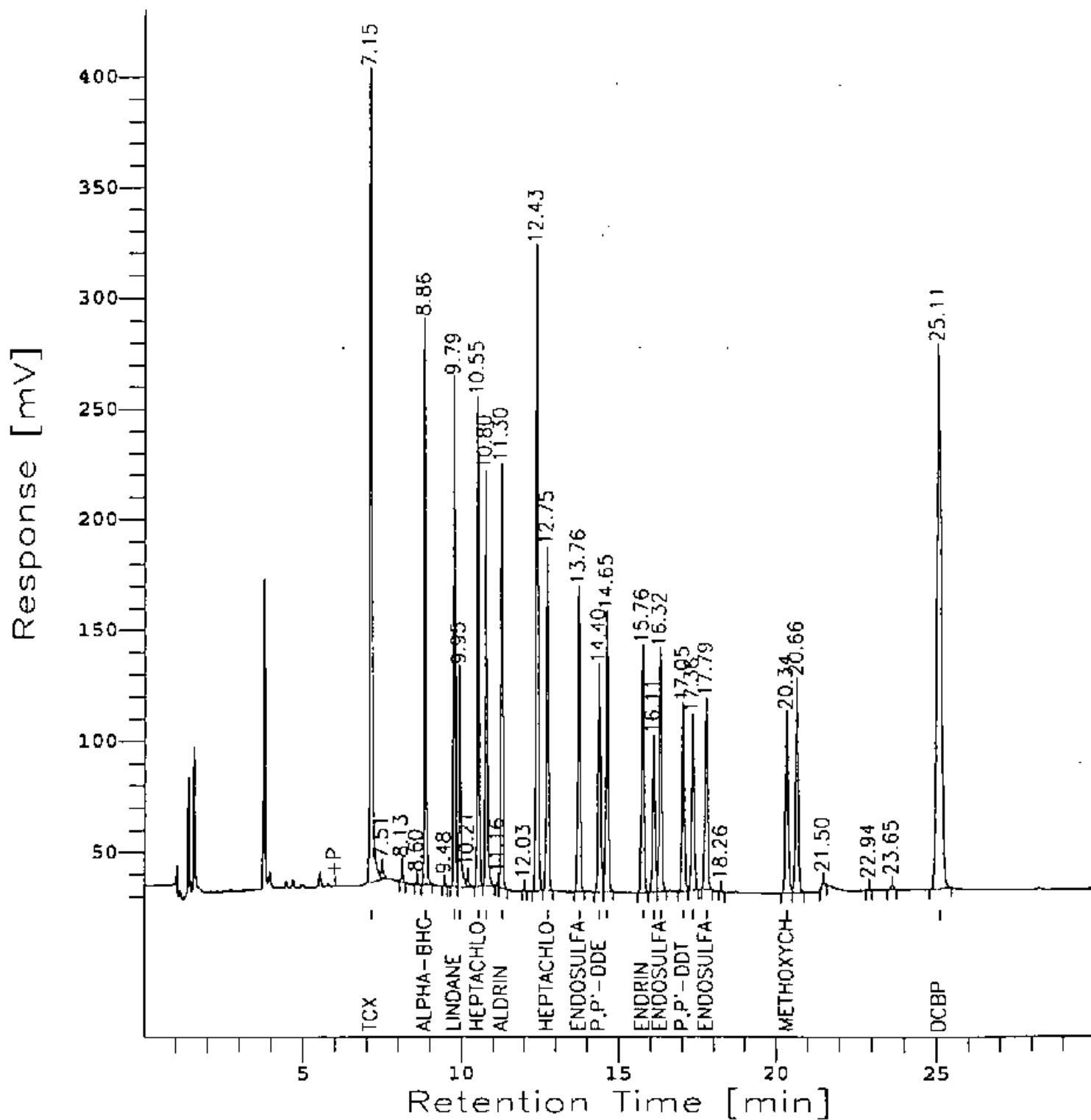
49 342

Sample Name : 93308 OCP-60 NG/ML
FileName : C:\2700\OCP\881A013.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 24 mV

Sample #:
Date : 12/6/93 10:22 AM
Time of Injection: 12/3/93 09:08 PM
Low Point : 23.90 mV
Plot Scale: 376.3 mV

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002275

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-100 NG/ML

Time : 12/6/93 10:23 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 09:45 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A014.RAW

Result File : C:\2700\OCP\881A014.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 33

=====

DATA REPORT

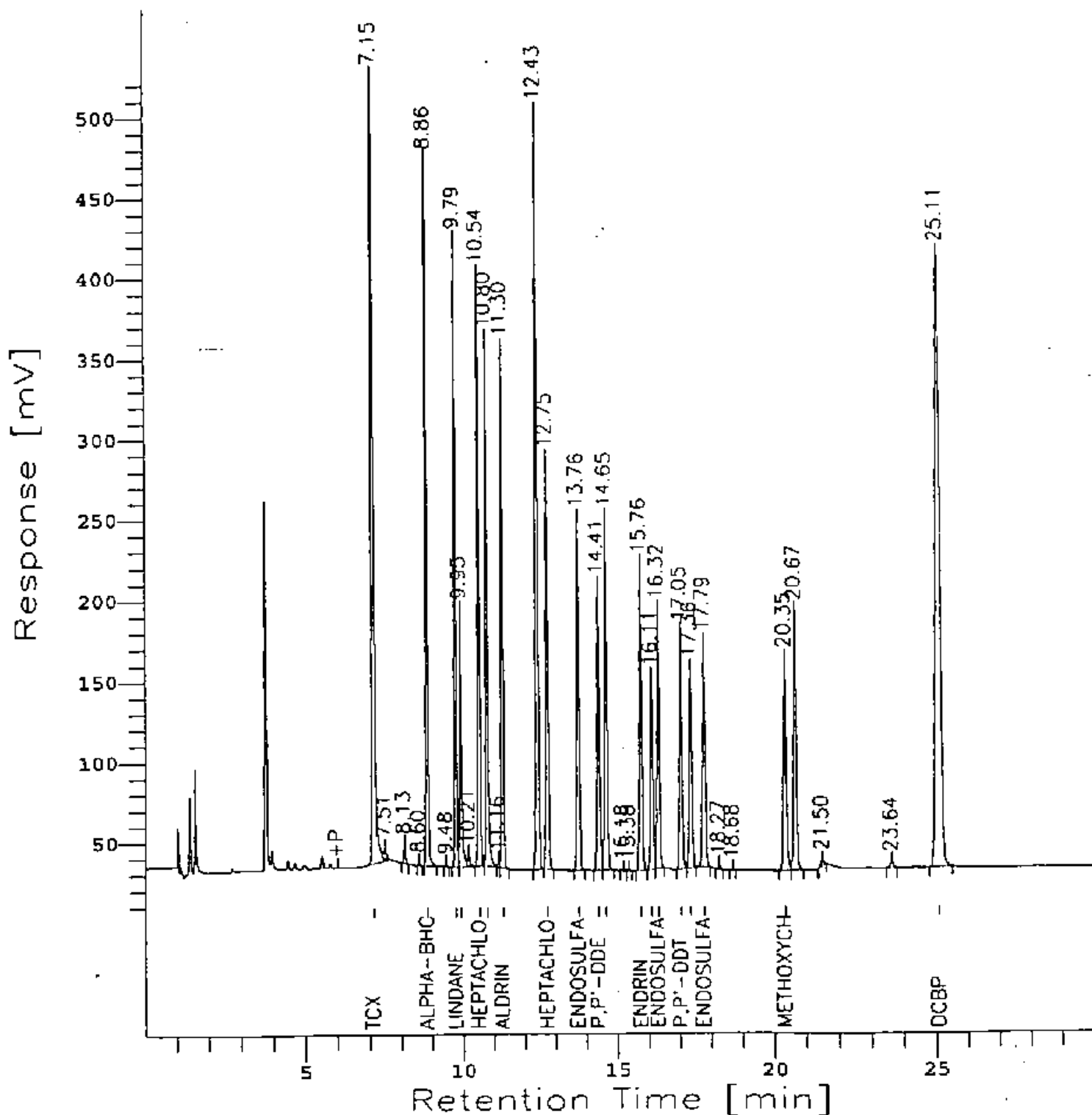
Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
1	7.145	TCX	3338200.40	818351.52	-0.0167
5	8.861	ALPHA-BHC	1571187.60	439883.24	-0.0156
7	9.791	LINDANE	1404078.75	391797.71	-0.0167
8	9.951	BETA-BHC	683623.25	160536.97	-0.0362
10	10.543	HEPTACHLOR	1511815.40	370794.01	-0.0264
11	10.796	DELTA-BHC	1276317.86	330180.06	-0.0307
13	11.300	ALDRIN	1325035.54	323652.47	-0.0174
15	12.753	HEPTACHLOR EPOXIDE	1207071.20	255225.54	-0.0177
16	13.757	ENDOSULFAN A	1089023.40	219364.92	-0.0138
17	14.406	P,P'-DDE	938506.37	177366.23	-0.0181
18	14.654	DIELDRIN	1103433.83	216646.76	-0.0054
21	15.763	ENDRIN	952585.60	191015.31	-0.0046
22	16.108	P,P'-DDD	637142.29	120304.03	-0.0088
23	16.322	ENDOSULFAN B	857753.71	160908.88	-0.0088
24	17.051	P,P'-DDT	767244.53	147728.72	-0.0120
25	17.362	ENDRIN ALDEHYDE	704801.07	124892.56	-0.0032
26	17.786	ENDOSULFAN SULFATE	822352.40	139953.63	0.0050
29	20.347	METHOXYCHLOR	789501.92	131787.96	0.0037
33	25.108	OCPB	3546014.00	381396.74	0.0011

24525688.92 5.104e+06

Sample Name : 93308 OCP-100 NG/ML
FileName : C:\2700\OCP\881A014.raw
Method : BB1A
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 10 mV

Sample #:
Date : 12/6/93 10:23 AM
Time of Injection: 12/3/93 09:45 PM
Low Point : 9.53 mV
Plot Scale: 517.3 mV
Page 1 of 1
High Point : 526.84 mV



002277

=====

Software Version: 3.3 <4B11>

Sample Name : 85480 PCB 1060 - 500 NG/ML Time : 12/6/93 10:26 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 10:23 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A015.RAW

Result File : C:\2700\OCP\881A015.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 55

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
1	7.146	TCX	1969903.80	488934.41	0.0066
15	11.281	ALDRIN	87785.66	17929.19	-0.1859
24	13.196	GAMMA-CHLORDANE	63397.69	11692.47	-0.1472
26	13.769	ENDOSULFAN A	5416.80	1051.49	0.0744
28	14.385	P,P'-DDE	5096.79	832.03	-0.1607
35	16.290	ENDOSULFAN B	90192.00	15918.02	-0.2038
38	17.032	P,P'-DDT	196421.21	32694.28	-0.1220
40	17.339	ENDRIN ALDEHYDE	117656.70	18765.17	-0.1330
41	17.811	ENDOSULFAN SULFATE	41825.80	6738.66	0.1464
47	20.378	METHOXYCHLOR	189631.75	26055.17	0.1554
55	25.104	DCBP	2015218.40	217691.58	-0.0153

4782546.60 838302.47

Chromatogram

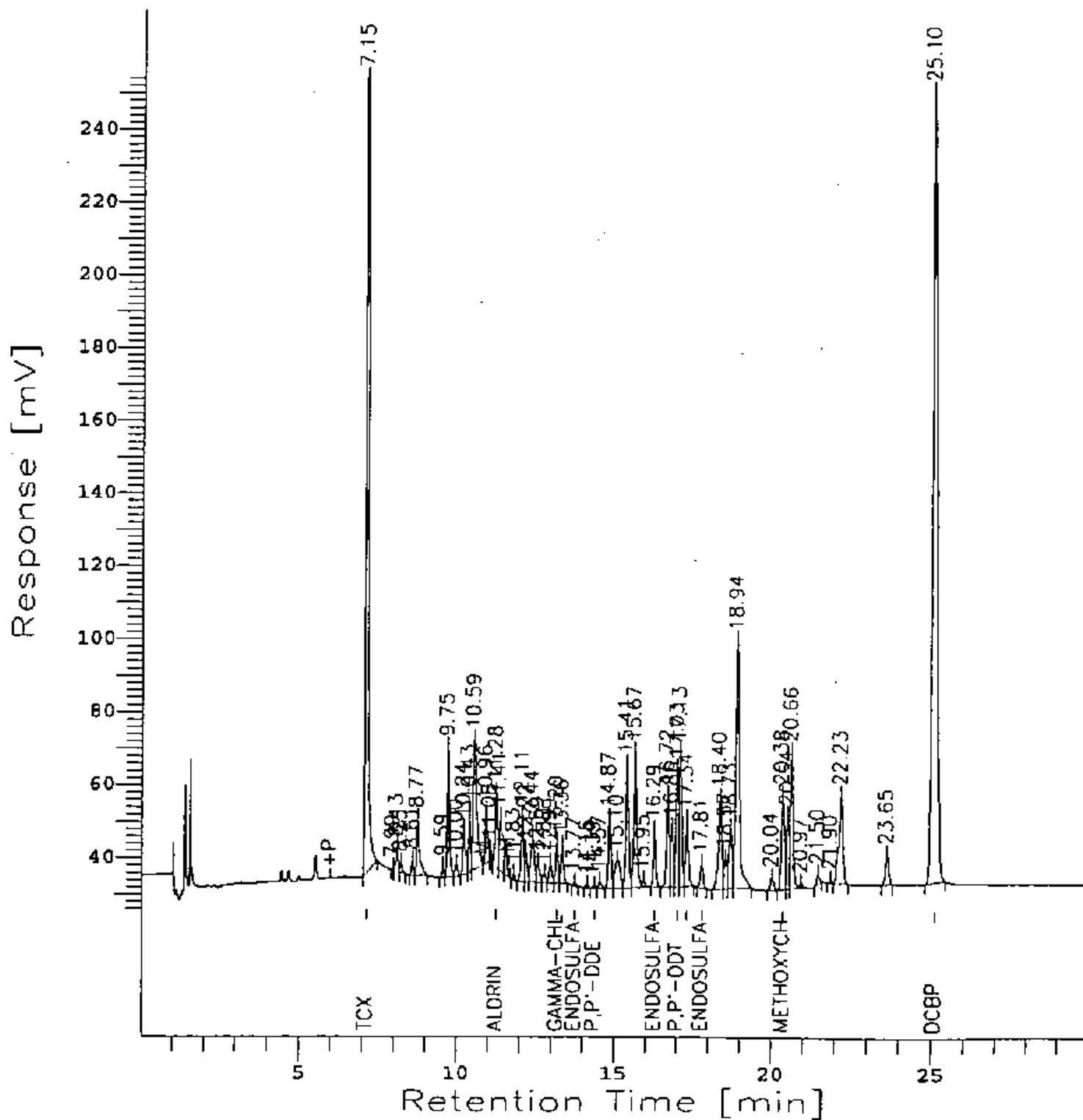
49 346

Sample Name : 85480 PCB 1060 - 500 NG/ML
FileName : C:\2700\OCP\881A015.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset: 26 mV

Sample #:
Date : 12/6/93 10:26 AM
Time of Injection: 12/3/93 10:23 PM
Low Point : 25.82 mV
Plot Scale: 228.9 mV

Page 1 of 1



002279

=====

Software Version: 3.3 <4B11>

Sample Name : 85480 PCB 1060 - 20 NG/ML Time : 12/6/93 10:26 AM
 Sample Number: Study :
 Operator : FDR

Instrument : OCP Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 11:00 PM
 Delay Time : 0.00 min.
 End Time : 30.00 min.
 Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A016.RAW
 Result File : C:\2700\OCP\881A016.RST
 Instrument File: 881A
 Process File : c:\2700\ocp\881A.prc
 Sample File : c:\2700\ocp\881A.smp
 Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul Area Reject : 2300.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 40 Area Threshold : 750 Bunch Factor: 1
 Multiplier : 1.0000 Divisor : 1.0000 Adder : 0.0000

Instrument Conditions:
 INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 26

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area [UV-sec]	Height [UV]	Delta RT [%]
1	7.149	TCC	94917.60	24669.44	0.0472
6	11.279	ALDRIN	6190.00	1105.00	-0.2056
13	16.297	ENDOSULFAN B	3419.40	689.42	-0.1636
15	17.041	P,P'-DDT	9066.54	1740.02	-0.0659
17	17.342	ENDRIN ALDEHYDE	4734.60	919.11	-0.1198
21	20.376	METHOXYCHLOR	7776.99	1209.53	0.1456
26	25.114	DCBP	117187.20	13377.15	0.0278
			243292.33	43709.67	

Chromatogram

Sample Name : 85480 PCB 1060 - 20 NG/ML

FileName : C:\2700\OCP\881A016.raw

Method : 881A

Start Time : 0.00 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 26 mV

Sample #:

Date : 12/6/93 10:27 AM

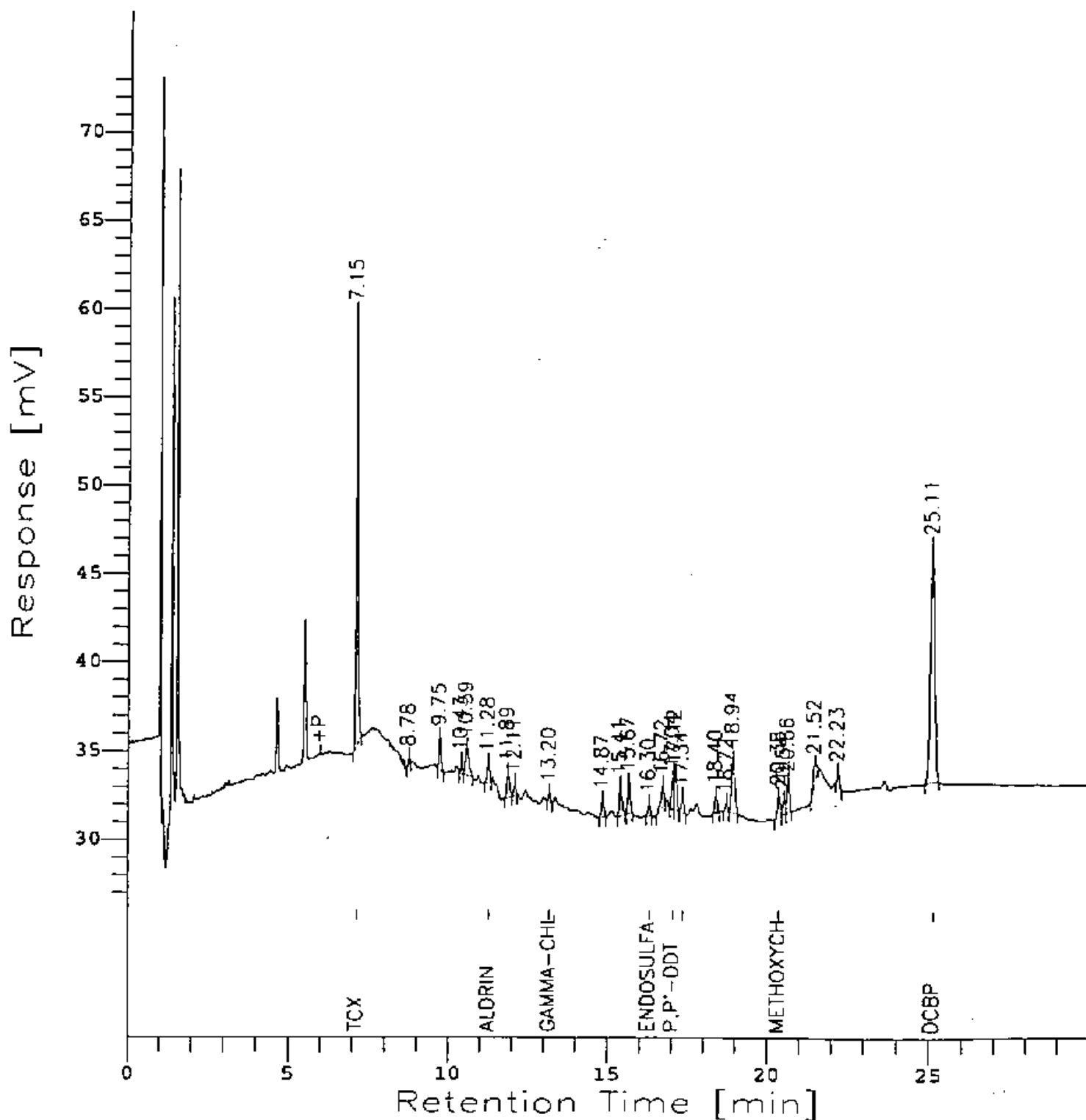
Time of Injection: 12/3/93 11:00 PM

Low Point : 26.02 mV

Plot Scale: 47.1 mV

Page 1 of 1

High Point : 73.14 mV



002281

=====

Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1221 - 500 NG/MLTime : 12/6/93 10:38 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 11:38 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A017.RAW

Result File : C:\2700\OCP\881A017.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 25

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [s]
15	11.281	ALDRIN	7861.31	1615.57	-0.1899
21	13.778	ENDOSULFAN A	3097.00	660.76	0.1377
23	17.061	P,P'-DDT	3456.80	686.76	0.0465
			14415.11	2963.09	

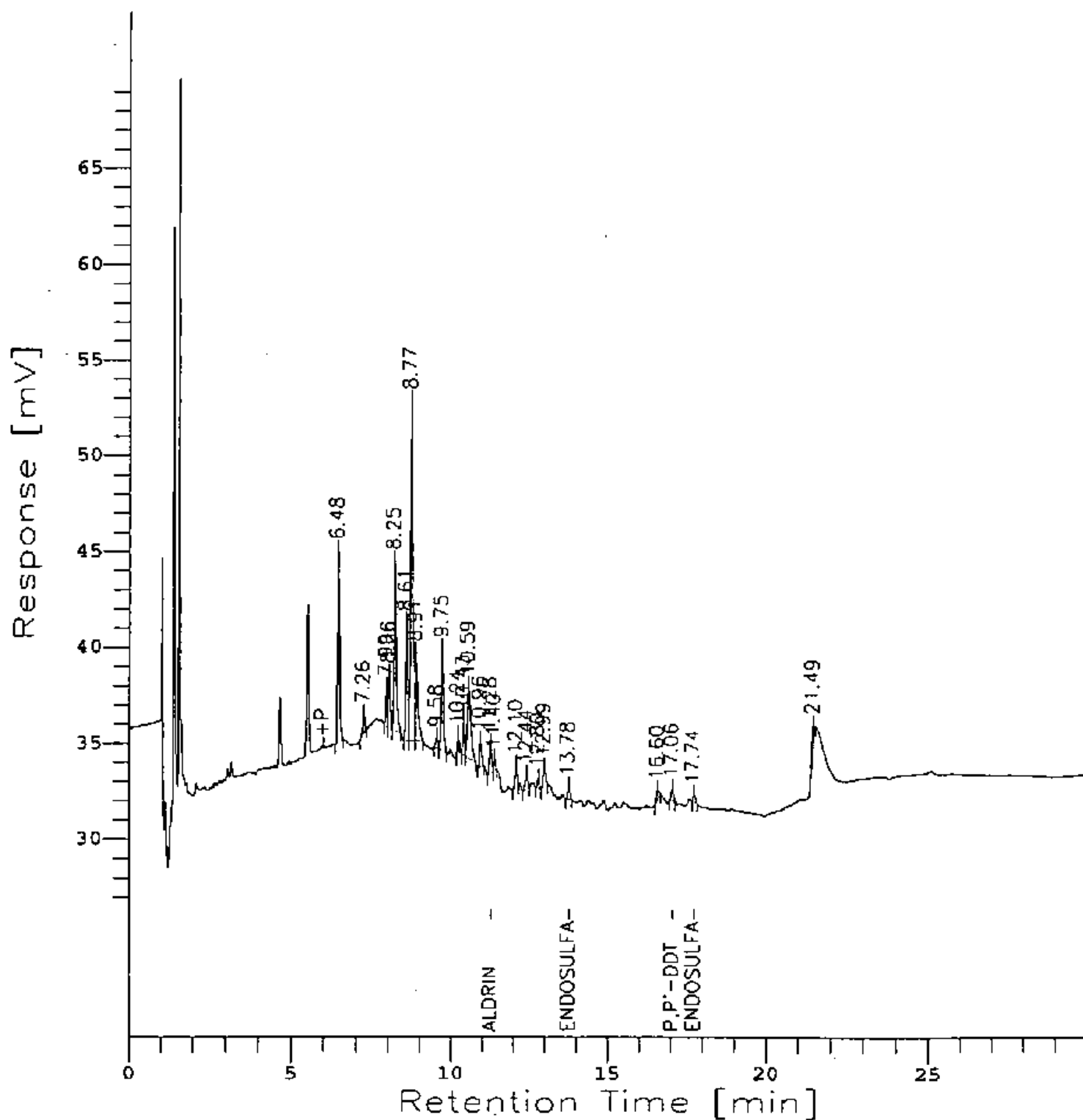
Chromatogram

Sample Name : B5468 PCB 1221 - 500 NG/ML
FileName : C:\2700\OCP\001A017.raw
Method : 881A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 26 mV

Sample #:
Date : 12/6/93 10:38 AM
Time of Injection: 12/3/93 11:38 PM
Low Point : 26.39 mV
Plot Scale: 43.3 mV

Page 1 of 1



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Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1232 - 500 NG/ML Time : 12/6/93 10:38 AM
 Sample Number: Study :
 Operator : FDR

Instrument : OCP Channel : A A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:16 AM
 Delay Time : 0.00 min.
 End Time : 30.00 min.
 Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A018.RAW
 Result File : C:\2700\OCP\881A018.RST
 Instrument File: 881A
 Process File : c:\2700\ocp\881A.prc
 Sample File : c:\2700\ocp\881A.smp
 Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul Area Reject : 2300.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 40 Area Threshold : 750 Bunch Factor: 1
 Multiplier : 1.0000 Divisor : 1.0000 Adder : 0.0000

Instrument Conditions:
 INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 39

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [X]
16	11.279	ALDRIN	68337.77	10759.51	-0.2069
26	13.188	GAMMA-CHLORDANE	11077.30	2102.58	-0.2118
29	13.781	ENDOSULFAN A	33260.60	4928.92	0.1659
31	14.383	P,P'-DDE	6526.80	1028.57	-0.1804
37	17.059	P,P'-DDT	7269.60	957.70	0.0379
			126472.08	19777.28	

Chromatogram

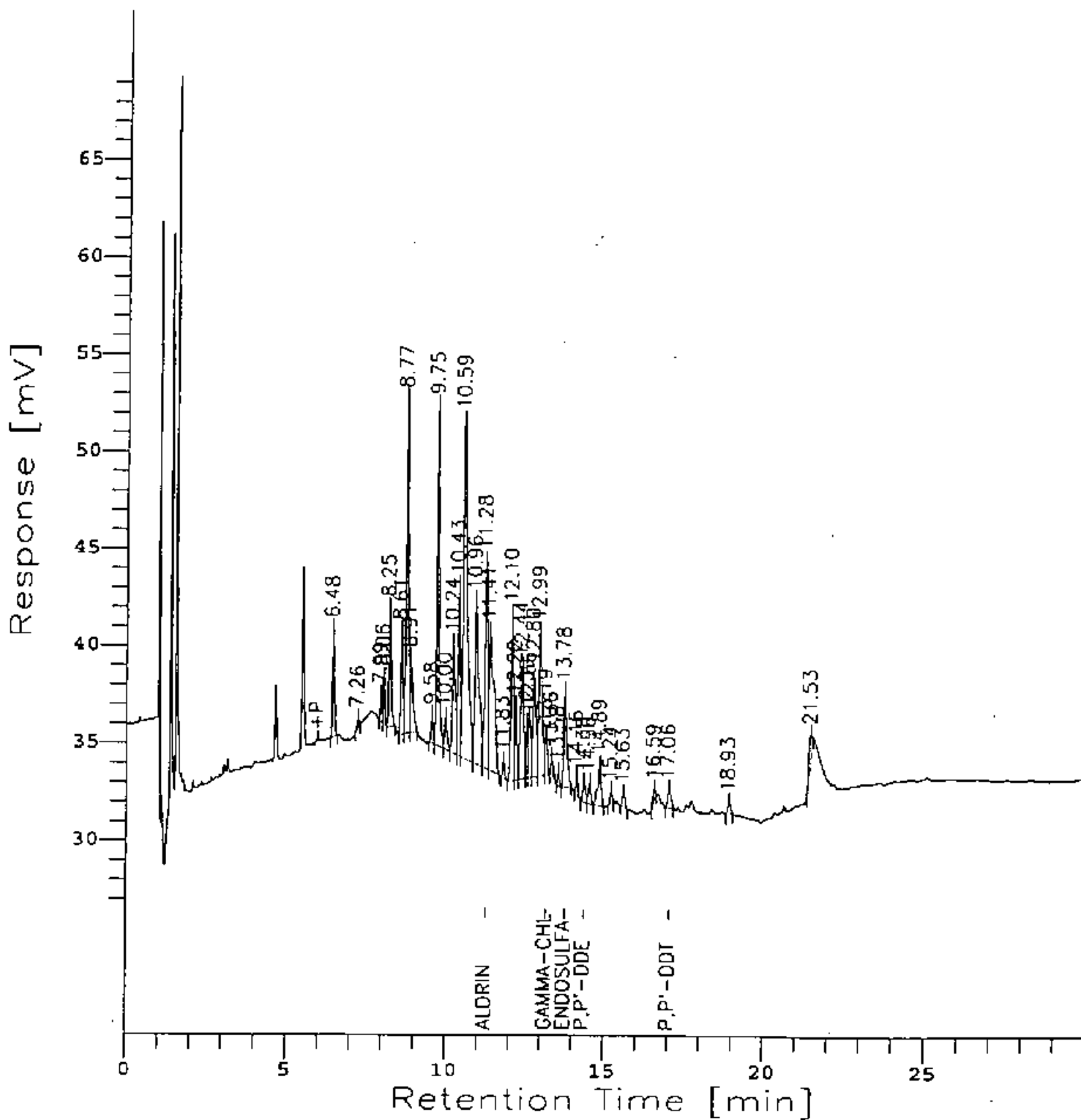
49 352

Sample Name : B5468 PCB 1232 - 500 NG/ML
FileName : C:\2700\OCP\B81A018.raw
Method : B81A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 27 mV

Sample #:
Date : 12/6/93 10:38 AM
Time of Injection: 12/4/93 12:16 AM
Low Point : 26.56 mV
Plot Scale: 42.7 mV

Page 1 of 1



002285

=====

Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1242 - 500 NG/ML Time : 12/6/93 10:40 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:53 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A019.RAW

Result File : C:\2700\OCP\881A019.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 36

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [X]
13	11.278	ALDRIN	65421.39	13401.75	-0.2179
23	13.188	GAMMA-CHLORDANE	40657.81	5945.90	-0.2115
26	13.783	ENDOSULFAN A	90049.73	10629.02	0.1774
28	16.381	P,P'-DDE	16263.86	2448.44	-0.1894
35	17.042	P,P'-DDT	7910.00	1218.08	-0.0605
			220302.78	33643.20	

Chromatogram

49 354

Sample Name : 85468 PCB 1242 - 500 NG/NL

FileName : C:\2700\OCP\881A019.raw

Method : 881A

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 27 mV

Sample #:

Date : 12/6/93 10:40 AM

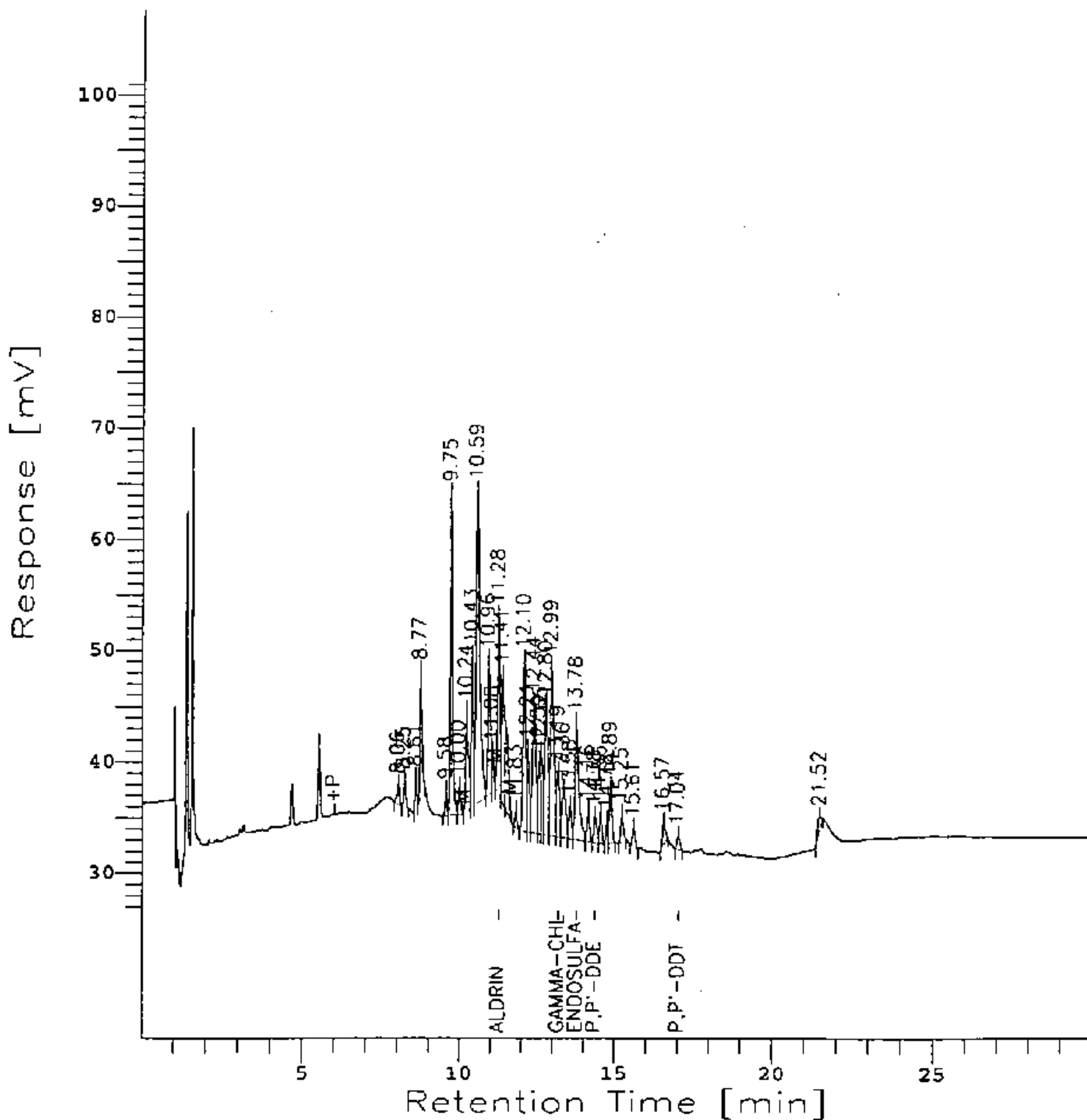
Time of Injection: 12/4/93 12:53 AM

Low Point : 26.70 mV

Plot Scale: 75.0 mV

Page 1 of 1

High Point : 101.70 mV



002287

=====

Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1248 - 500 NG/MLTime : 12/6/93 10:40 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 01:31 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A020.RAW

Result File : C:\2700\OCP\881A020.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 37

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [s]
12	11.284	ALDRIN	137389.75	26380.34	-0.1592
21	13.190	GAMMA-CHLORDANE	89479.19	13760.21	-0.1902
24	13.779	ENDOSULFAN A	148414.59	19265.92	0.1496
26	14.380	P,P'-DDE	42040.55	6725.81	-0.1944
33	16.286	ENDOSULFAN B	2335.20	514.13	-0.2290
35	17.037	P,P'-DDT	17964.00	2675.46	-0.0924
			437623.28	69321.88	

Chromatogram

Sample Name : 85468 PCB 1248 - 500 NG/ML

Sample #:

Page 1 of 1

FileName : C:\2700\OCP\881A020.raw

Date : 12/6/93 10:40 AM

Method : 881A

Time of Injection: 12/4/93 01:31 AM

Start Time : 0.01 min

End Time : 30.00 min

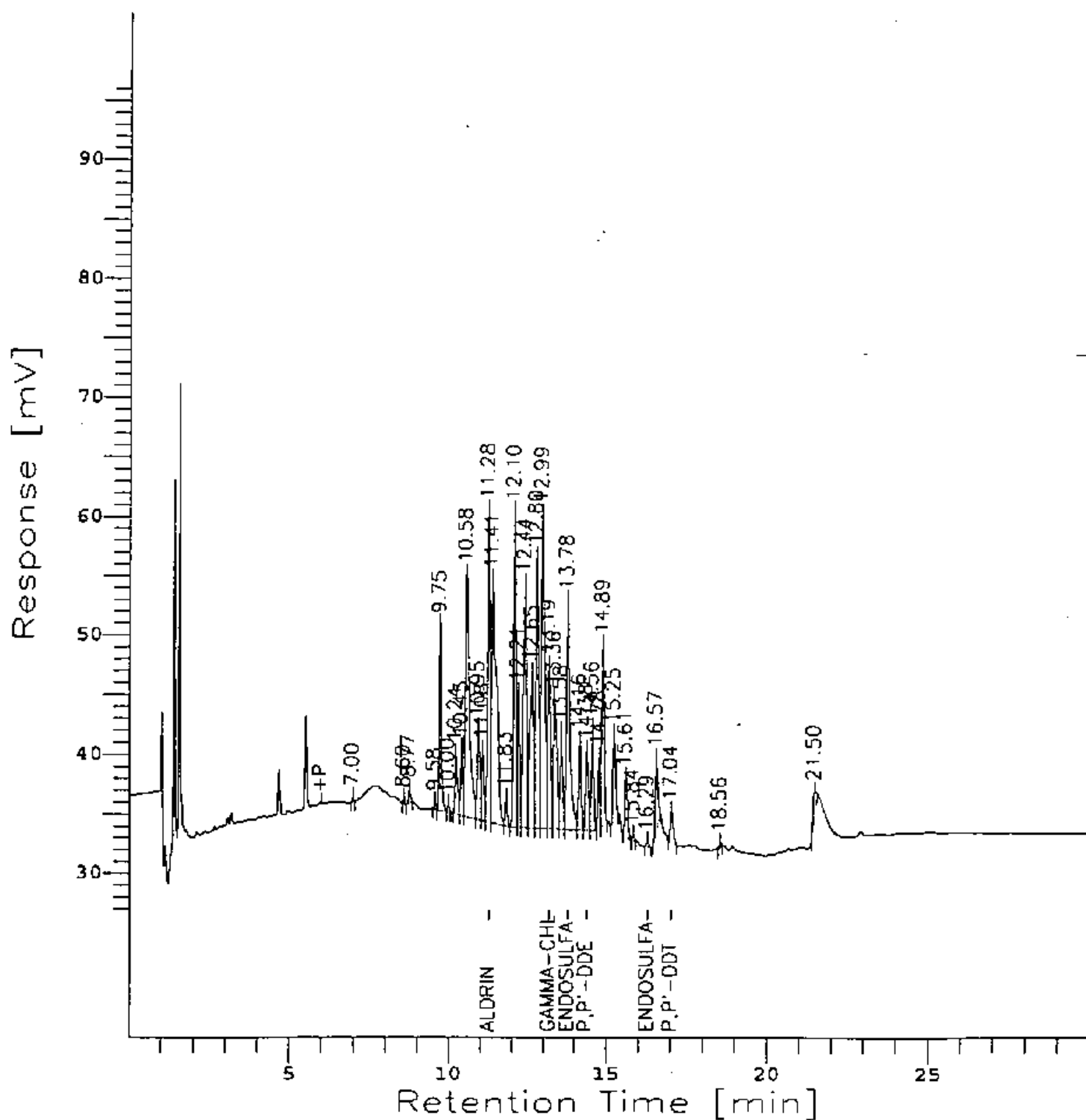
Low Point : 26.90 mV

High Point : 96.90 mV

Scale Factor: 0.0

Plot Offset: 27 mV

Plot Scale: 70.0 mV



=====

Software Version: 3.3 <4B11>

Sample Name : 93325 PCB 1254 - 500 NG/MLTime : 12/6/93 10:41 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 02:08 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A021.RAW

Result File : C:\2700\OCP\881A021.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 43

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
1	7.145	TCX	2053418.00	503033.36	-0.0089
7	11.288	ALDRIN	85894.13	18376.47	-0.1250
15	13.193	GAMMA-CHLORDANE	153348.74	28795.62	-0.1721
18	13.773	ENDOSULFAN A	13508.86	2412.76	0.1038
20	14.380	P,P'-DDE	79810.41	15336.36	-0.1978
28	16.120	P,P'-DDD	2578.55	648.21	0.0673
29	16.290	ENDOSULFAN B	37792.85	7320.31	-0.2057
33	17.030	P,P'-DDT	242558.12	33936.98	-0.1332
34	17.356	ENDRIN ALDEHYDE	22091.26	3367.32	-0.0399
43	25.106	DCBP	2085506.40	221576.86	-0.0052

4776507.32 832804.26

Chromatogram

49 358

Sample Name : 93325 PCB 1254 - 500 NG/ML

File Name : C:\2700\OCP\881A021.raw

Method : 881A

Start Time : 0.01 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 28 mV

Sample #:

Date : 12/6/93 10:41 AM

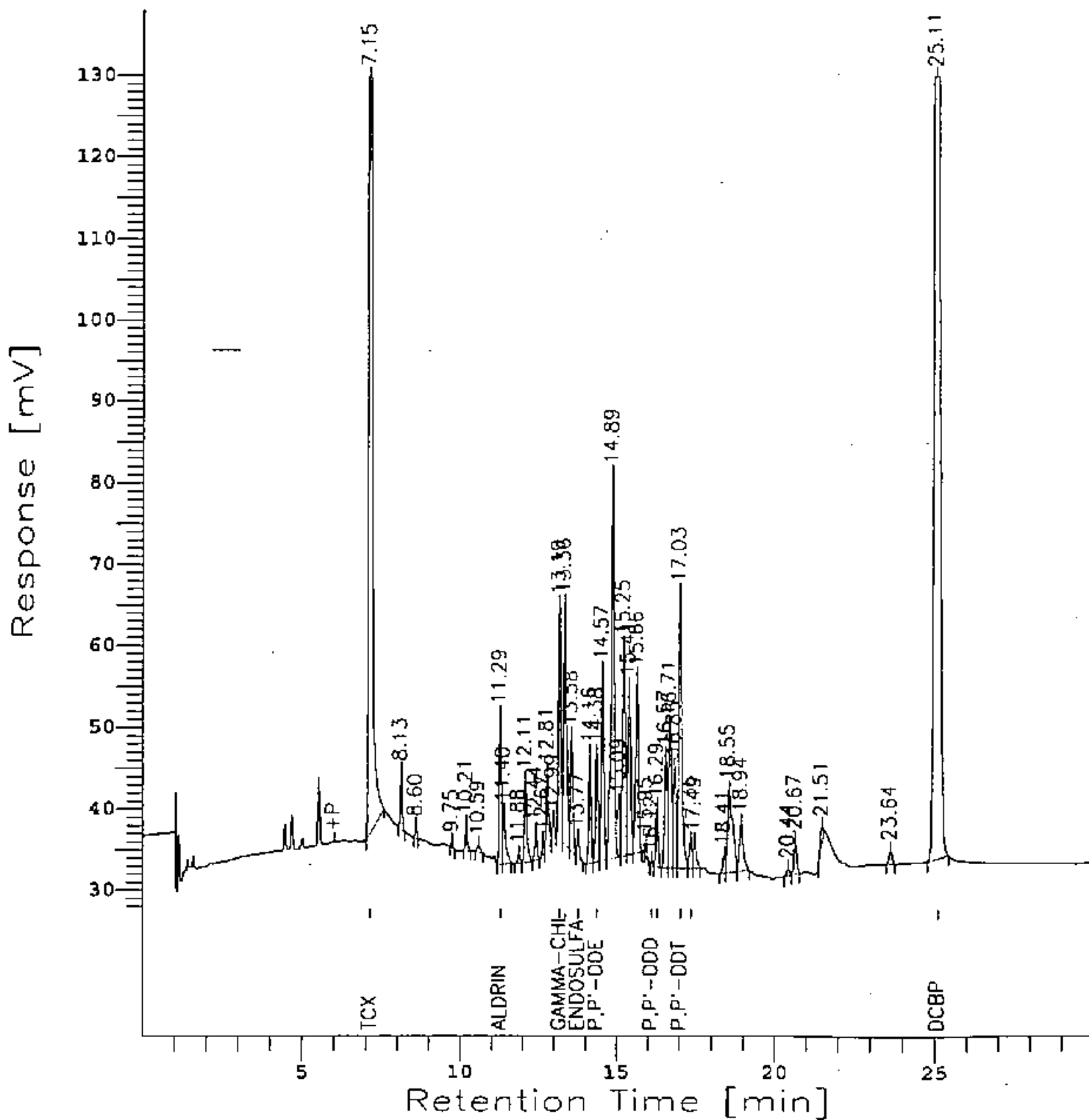
Time of Injection: 12/6/93 02:08 AM

Low Point : 27.76 mV

Plot Scale: 102.3 mV

Page 1 of 1

High Point : 130.01 mV



002291

Software Version: 3.3 <4B11>

Sample Name : HEXANE

Time : 12/6/93 10:41 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 02:46 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A022.RAW

Result File : C:\2700\OCP\881A022.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000. ---

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 3

DATA REPORT

No Peaks Available To Report

Chromatogram

49 360

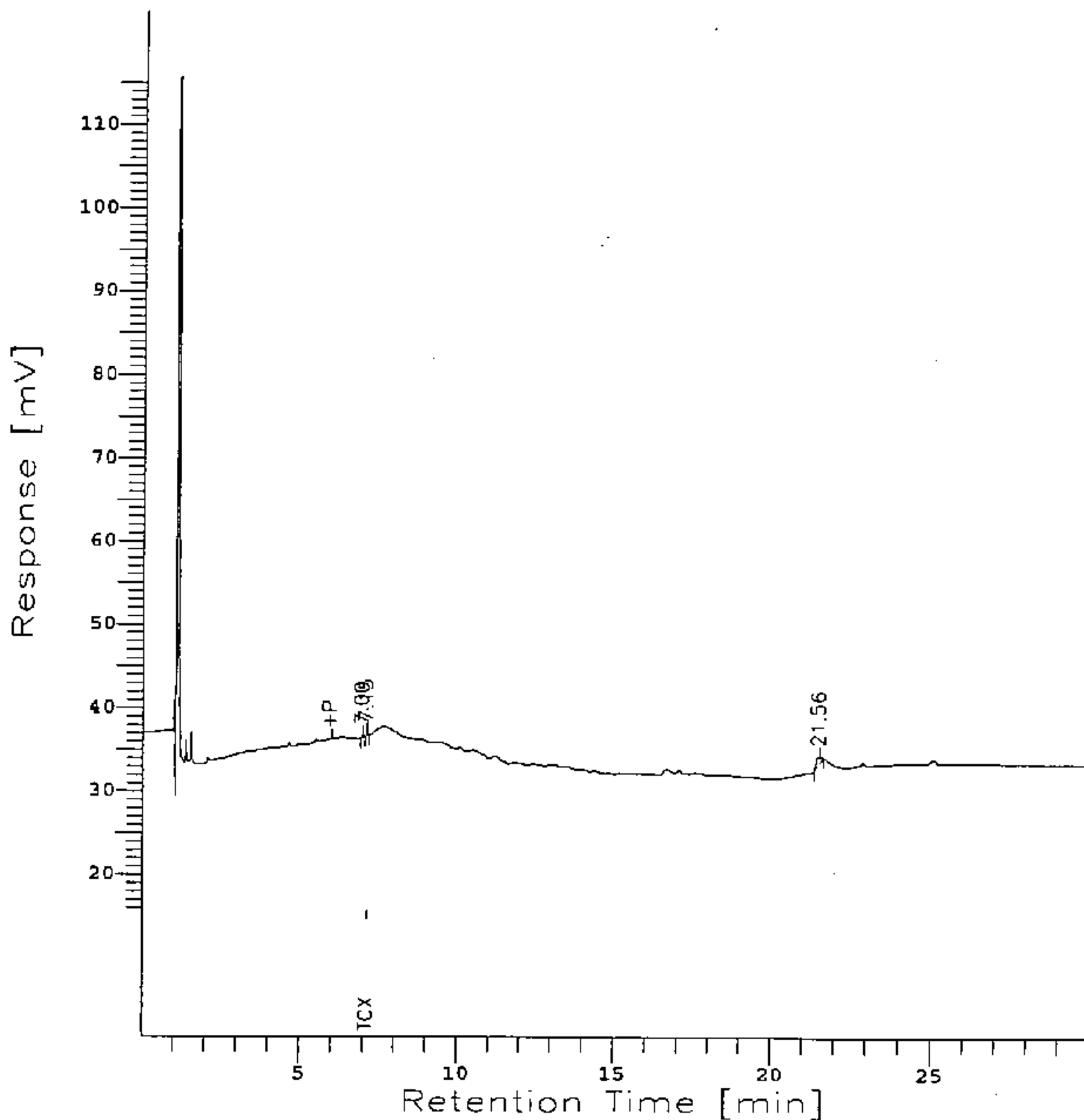
Sample Name : HEXANE
FileName : C:\2700\QCP\881A022.raw
Method : 881A
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 16 mV

Sample #:
Date : 12/6/93 10:41 AM
Time of Injection: 12/4/93 02:46 AM
Low Point : 15.80 mV
Plot Scale: 100.0 mV

Page 1 of 1

High Point : 115.80 mV



002293

=====

Software Version: 3.3 <4B11>

Sample Name : CCS*OCP60*1

Time : 12/6/93 10:43 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 08:24 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A031.RAW

Result File : C:\2700\OCP\881A031.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 32

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
2	7.144	TCX	2241942.00	544924.25	-0.0230
6	8.861	ALPHA-BHC	984714.40	274297.29	-0.0203
8	9.792	LINDANE	886567.45	244373.40	-0.0130
9	9.951	BETA-BHC	443398.15	104172.35	-0.0342
11	10.544	HEPTACHLOR	931417.00	233110.47	-0.0198
12	10.796	DELTA-BHC	797946.00	208765.99	-0.0288
14	11.300	ALDRIN	827262.55	199242.30	-0.0197
17	12.752	HEPTACHLOR EPOXIDE	752404.80	157883.62	-0.0227
18	13.755	ENDOSULFAN A	704859.20	138914.92	-0.0305
19	14.400	P,P'-DDE	578405.41	108246.69	-0.0555
20	14.652	DTIELDRIN	684248.59	132037.84	-0.0227
22	15.759	ENDRIN	594141.60	114720.98	-0.0270
23	16.103	P,P'-DDD	400708.56	74432.72	-0.0372
24	16.318	ENDOSULFAN B	610703.84	110794.74	-0.0322
25	17.047	P,P'-DDT	476537.08	90565.28	-0.0317
26	17.359	ENDRIN ALDEHYDE	447508.92	76863.47	-0.0219
27	17.781	ENDOSULFAN SULFATE	518817.80	87349.24	-0.0194
28	20.342	METHOXYCHLOR	522324.57	86470.02	-0.0191
32	25.101	DCBP	2343273.60	247978.65	-0.0257

15747181.52 3.235e+06

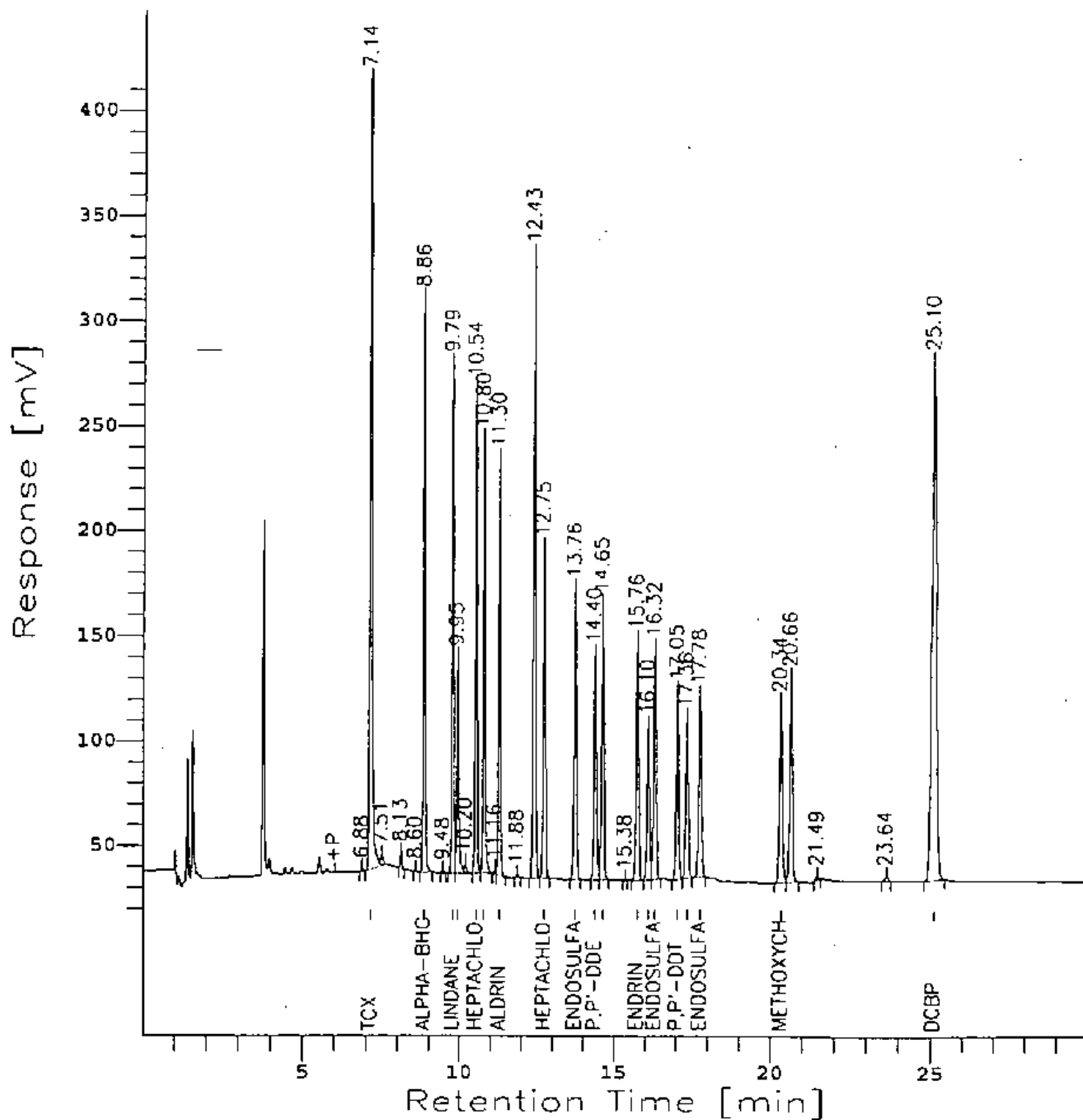
Chromatogram

Sample Name : CCS*OCP60*1
FileName : C:\270D\OCP\881A031.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset: 20 mV

Sample #:
Date : 12/6/93 10:44 AM
Time of Injection: 12/4/93 08:24 AM
Low Point : 19.71 mV
Plot Scale: 396.5 mV
High Point : 416.19 mV

Page 1 of 1



002295

=====

Software Version: 3.3 <4B11>

Sample Name : HEXANE

Time : 12/6/93 10:44 AM

Sample Number:

Study :

Operator : PDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 09:01 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A032.RAW

Result File : C:\2700\OCP\881A032.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 13

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [s]
6	10.795	DELTA-BHC	3781.80	778.28	-0.0606
8	14.649	DICLOFIN	2005.00	621.48	-0.0432
9	15.755	EMERIN	2425.80	533.80	-0.0527
11	17.056	P.P'-DDT	2989.20	805.10	-0.0217
12	20.345	METHOMYCHLOR	2598.80	493.15	-0.0039
			13702.60	3031.60	

Chromatogram

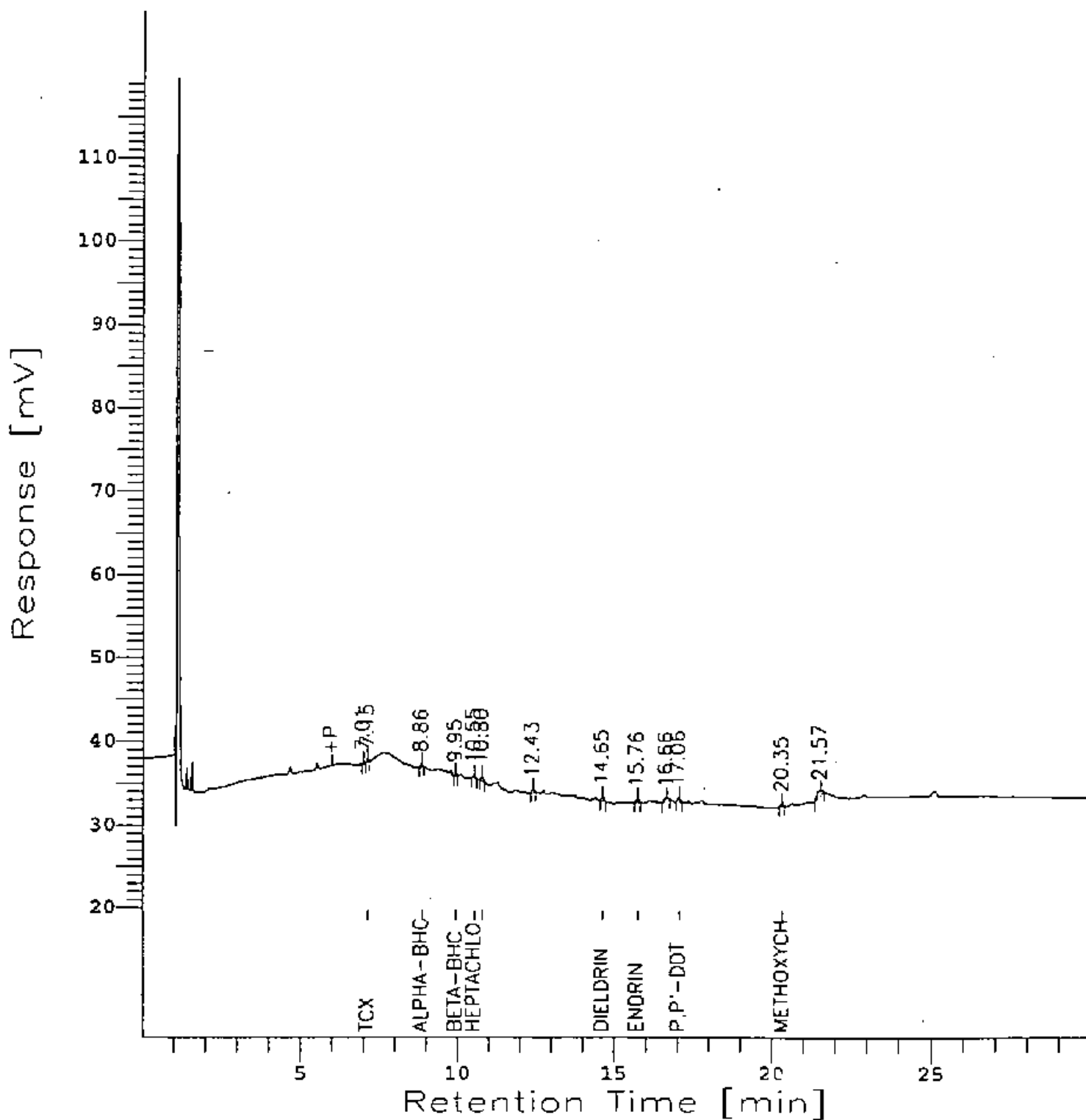
49 364

Sample Name : HEXANE
FileName : C:\2700\DCP\681A032.raw
Method : B81A
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 20 mV

Sample #:
Date : 12/6/93 10:44 AM
Time of Injection: 12/4/93 09:01 AM
Low Point : 19.70 mV
Plot Scale: 100.0 mV

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002297

=====

Software Version: 3.3 <4B11>

Sample Name : MB*QC*1

Time : 12/6/93 11:50 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 09:39 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A033.RAW

Result File : C:\2700\OCP\881A033.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 20

DATA REPORT

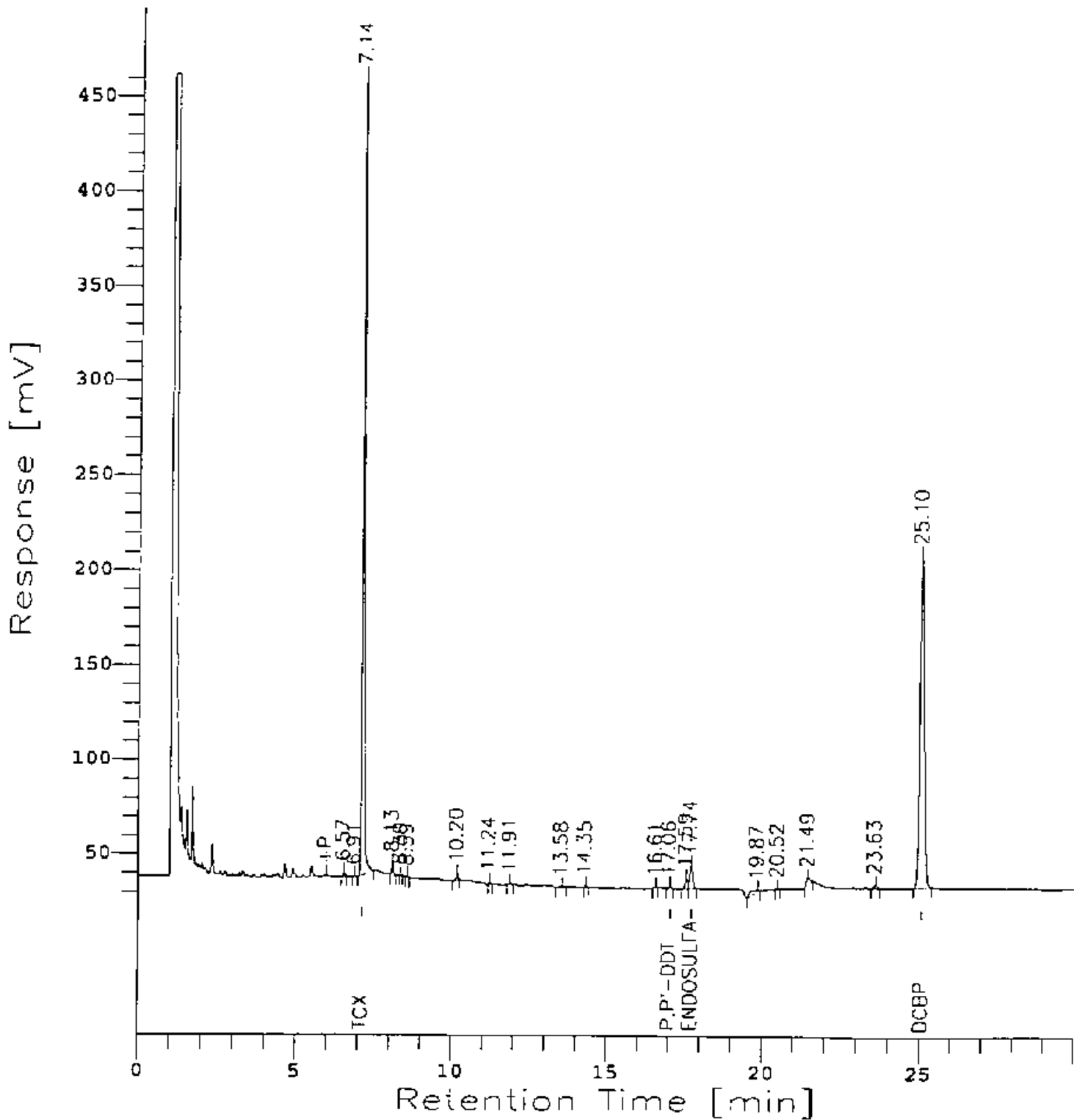
Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
3	7.143	TCX	1691805.20	427910.08	-0.0347
13	17.055	D.P. DDT	4826.00	1229.49	-0.0145
15	17.743	ENDOSULFAN SULFATE	83319.50	12305.55	-0.2330
20	25.096	DCBP	1628940.80	176352.35	-0.0473
			3410891.98	617877.47	

Sample Name : MS*QC*1
FileName : C:\2700\OCP\881A033.raw
Method : 881A
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 22 mV

Sample # :
Date : 12/6/93 11:50 AM
Time of Injection : 12/4/93 09:39 AM
Low Point : 22.00 mV
Plot Scale : 440.2 mV
High Point : 462.23 mV

Page 1 of 1



002239

=====

Software Version: 3.3 <4B11>

Sample Name : SP1*QC*1 1:5

Sample Number:

Operator : FDR

Time : 12/6/93 11:51 AM

Study :

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 10:17 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A034.RAW

Result File : C:\2700\OCP\881A034.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 26

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV*sec]	Height [uV]	Delta RT [%]
2	7.144	TCX	355036.40	91852.45	-0.0272
5	9.788	LINDANE	91768.39	25447.86	-0.0564
7	10.541	HEPTACHLOR	104582.20	25898.11	-0.0520
8	11.295	ALDRIN	90855.80	20072.74	-0.0628
14	14.646	DIELDRIN	163900.00	34000.12	-0.0583
16	15.755	ENDRIN	163971.89	31604.84	-0.0562
17	16.117	P,P'-DDD	3962.80	771.13	0.0519
19	17.046	P,P'-DDT	123167.40	23023.27	-0.0533
21	17.744	ENDOSULFAN SULFATE	23847.70	3424.87	-0.2325
26	25.096	DCBP	389578.00	43449.94	-0.0467

1510669.78 299545.32

Chromatogram

49 368

Sample Name : SP1*QC*1 1:5

FileName : C:\2700\QCP\881A034.raw

Method : 881A

Start Time : 0.01 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 28 mV

Sample #:

Date : 12/6/93 11:52 AM

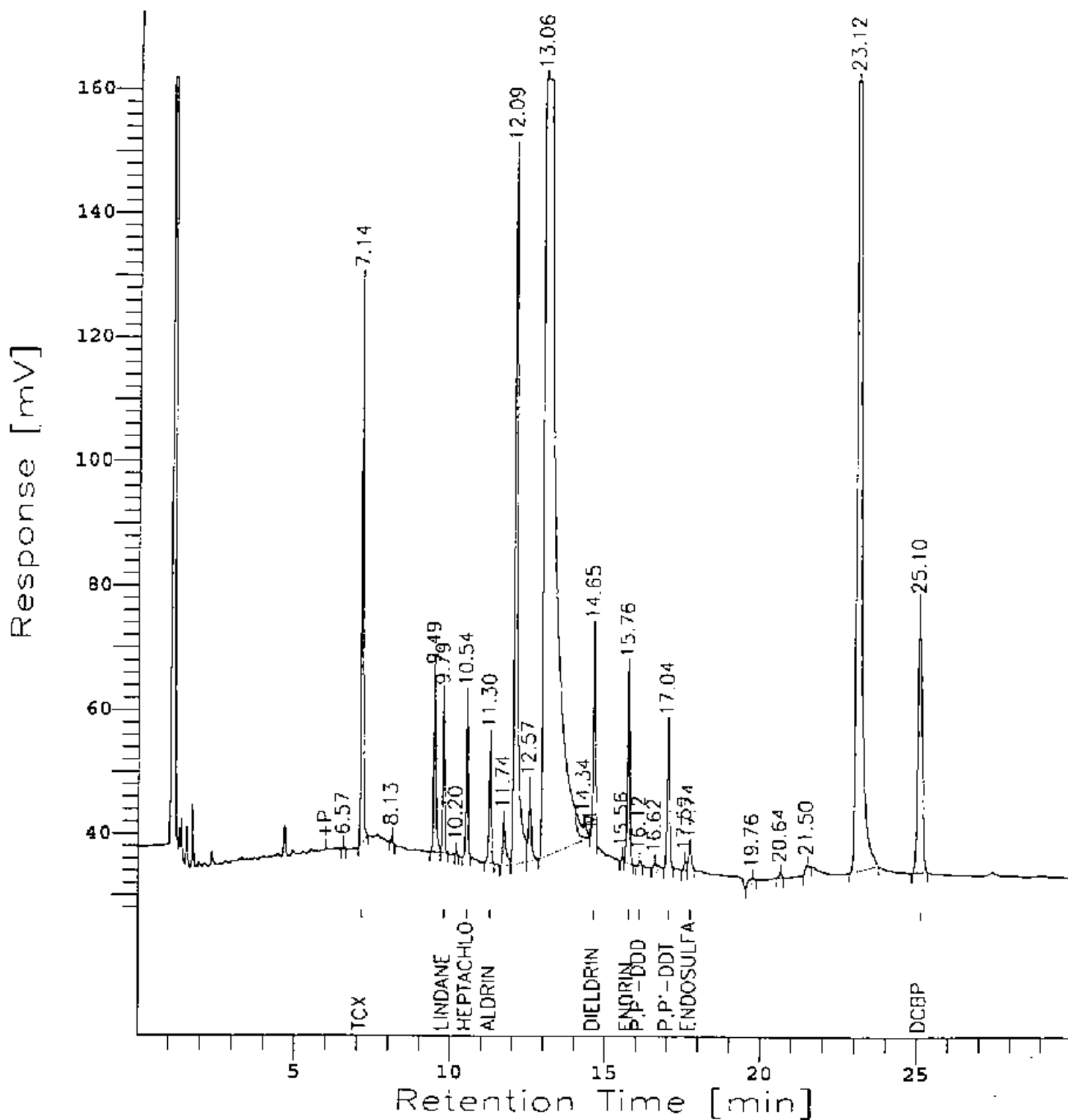
Time of Injection: 12/4/93 10:17 AM

Low Point : 27.76 mV

Plot Scale: 134.2 mV

Page 1 of 1

High Point : 161.92 mV



002301

=====

Software Version: 3.3 <4B11>

Sample Name : SPM1*CDDMTW*9 1:5

Time : 12/6/93 11:52 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 10:54 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A035.RAW

Result File : C:\2700\OCP\881A035.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 28

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	Height [UV]	Delta RT [X]
3	7.145	TCX	388820.00	101026.44	-0.0094
7	9.790	LINDANE	91533.76	25854.59	-0.0316
9	10.543	HEPTACHLOR	93877.60	23432.64	-0.0314
11	11.298	ALDRIN	70371.38	16268.91	-0.0349
17	14.649	DIELDRIN	168829.60	34482.40	-0.0425
18	15.757	ENDRIN	162967.60	32217.36	-0.0431
20	17.041	P,P'-DDT	79338.00	14921.79	-0.0698
22	17.742	ENDOSULFAN SULFATE	31457.05	4861.73	-0.2437
28	25.098	DCBP	225659.60	25876.98	-0.0370

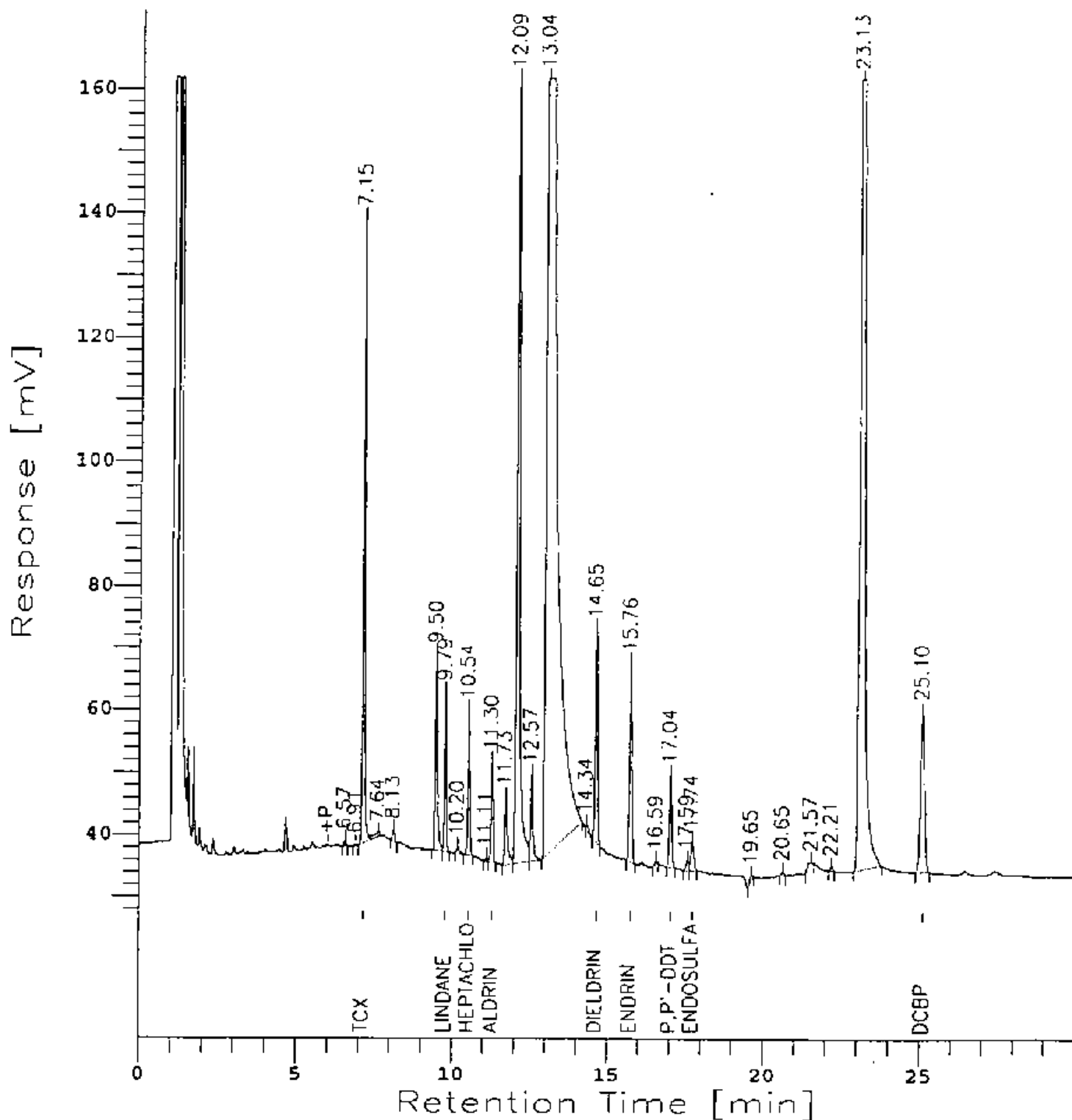
1312854.59 278942.84

Sample Name : SPH1*COOHTW*9 1:5
FileName : C:\2700\OCP\881A035.raw
Method : 881A
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 28 mV

Sample # :
Date : 12/6/93 11:52 AM
Time of Injection: 12/4/93 10:54 AM
Low Point : 27.76 mV
Plot Scale: 134.2 mV

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=====49 371=====

Software Version: 3.3 <4B11>

Sample Name : SPM2*CDDMTW*9 1:5

Time : 12/6/93 11:52 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 11:32 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A036.RAW

Result File : C:\2700\OCP\881A036.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 33

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.143	TCX	336998.80	91243.38	-0.0331
10	9.790	LINDANE	93838.81	25997.91	-0.0355
12	10.543	HEPTACHLOR	76006.40	18793.18	-0.0269
14	11.298	ALDRIN	64565.42	13388.30	-0.0364
19	14.650	DIELDRIN	160257.20	32915.07	-0.0305
20	15.760	ENDRIN	140006.00	27230.56	-0.0246
23	17.044	P,P'-DDT	68974.20	13025.45	-0.0518
25	17.740	ENDOSULFAN SULFATE	21522.00	3324.89	-0.2504
27	20.295	METHOXYCHLOR	2888.20	305.67	-0.2530
32	25.104	OCBP	160680.00	18492.63	-0.0148

1125737.03 244717.05

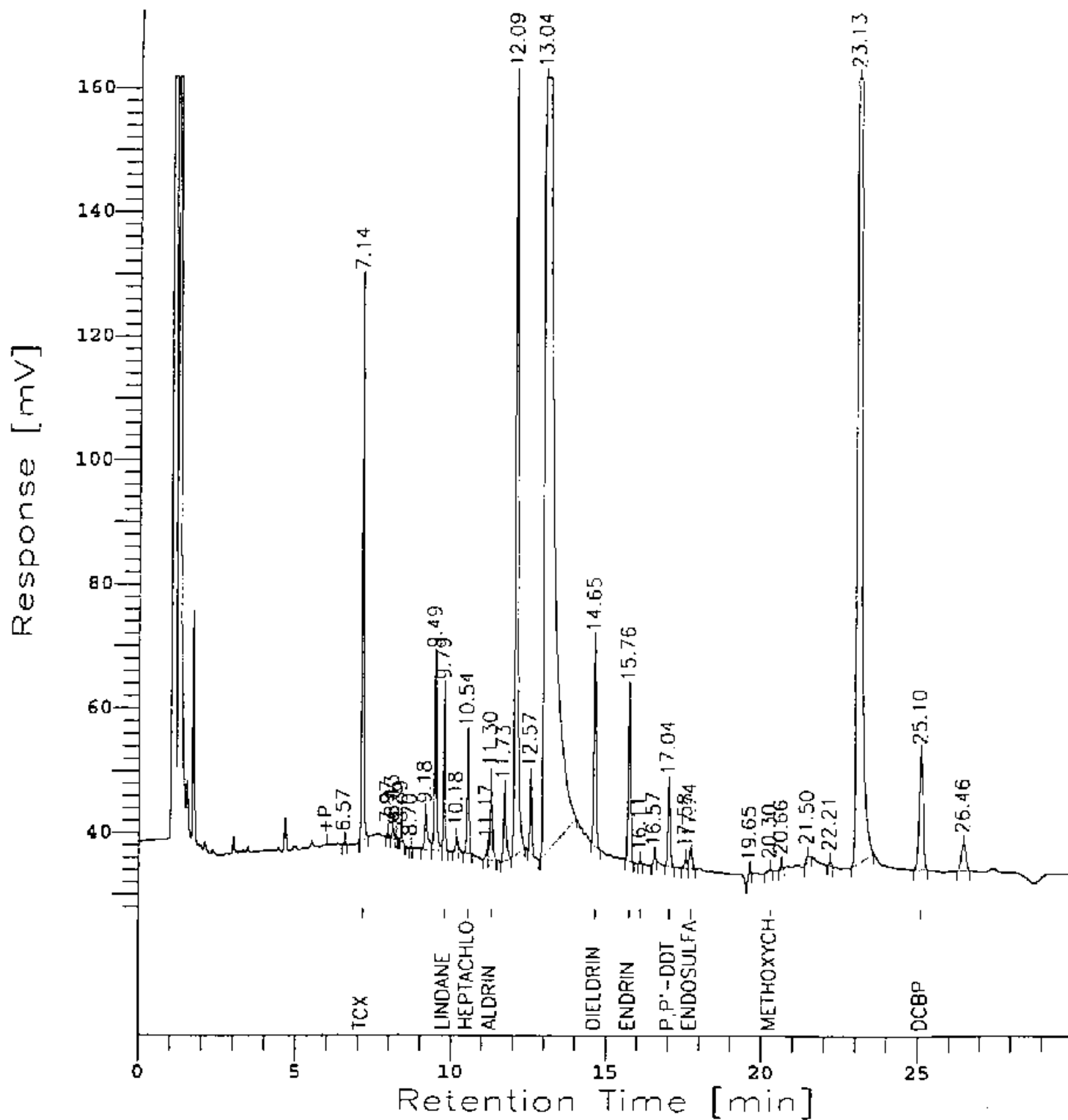
002304

Sample Name : SPM2*CDONTW*9 1:5
FileName : C:\2700\DCP\881A036.raw
Method : 881A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 28 mV

Sample #:
Date : 12/6/93 11:53 AM
Time of Injection: 12/4/93 11:32 AM
Low Point : 27.76 mV
Plot Scale: 134.2 mV

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002305

=====

Software Version: 3.3 <4B11>

Sample Name : CDDMTW*9

Time : 12/8/93 09:46 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:09 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A037.RAW

Result File : C:\2700\OCP\881A037.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 69

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
5	7.144	TCX	1075818.49	295644.30	-0.0262
20	9.246	LINDANE	6629.40	1819.58	-0.2718
37	13.463	ALPHA CHLORDANE	10311.20	2964.79	-0.0490
41	14.651	DIELDRIN	83771.00	17608.67	-0.0239
49	17.333	ENDRIN ALDEHYDE	14685.84	2618.85	0.1711
51	19.741	ENDOSULFAN SULFATE	98180.40	15569.88	-0.2495
67	25.105	DCBP	509554.40	57834.38	-0.0102
			1796669.93	393240.46	

Sample Name : CD0MTW9

FileName : C:\2700\DCP\881AD37.raw

Method : 881A

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : -20 mV

Sample #:

Date : 12/8/93 09:47 AM

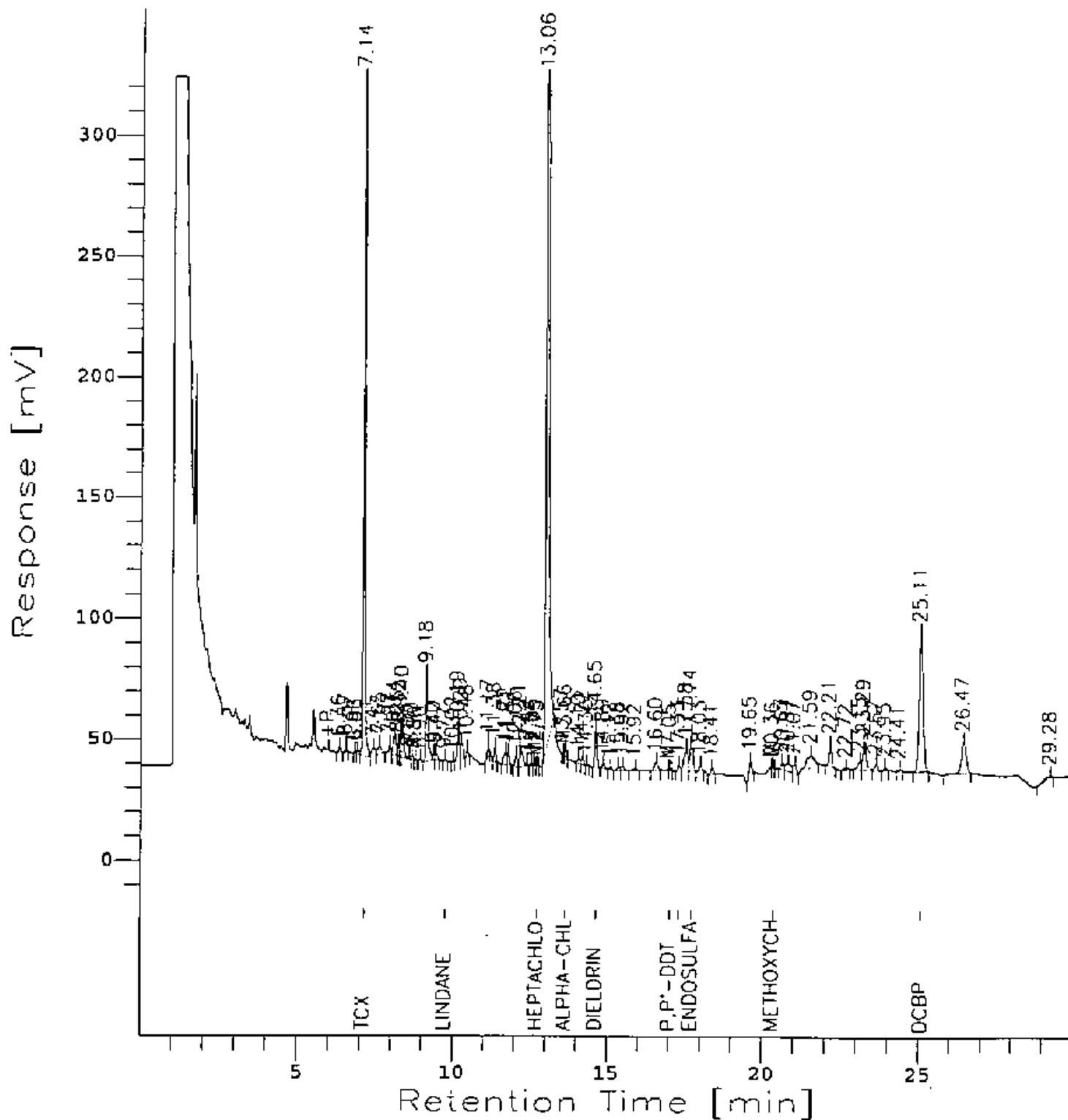
Page 1 of 1

Time of Injection: 12/4/93 12:09 PM

Low Point : -19.90 mV

High Point : 324.10 mV

Plot Scale: 344.0 mV



002307

=====

Software Version: 3.3 <4811>

Sample Name : CDDMTW*10

Time : 12/6/93 11:55 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:47 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A038.RAW

Result File : C:\2700\OCP\881A038.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-60B

Total Number of Peaks Detected: 66

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
6	7.143	TCX	1001520.43	270516.60	-0.0328
33	12.758	HEPTACHLOR EPOXIDE	6072.00	1865.89	-0.0244
36	13.065	ALPHA CHLOROWAX	4373.60	1206.57	-0.0273
38	16.395	P,P'-DDE	36911.22	6740.84	-0.0938
39	16.656	DIELDRIN	19061.48	3357.10	0.0048
45	16.099	P,P'-DDD	99172.54	18213.15	-0.0621
48	17.045	P,P'-DDT	55548.40	11021.74	-0.0480
49	17.384	ENDRIN ALDEHYDE	47408.04	8020.48	-0.1824
51	17.741	ENDOSULFAN SULFATE	236501.54	24177.17	-0.2477
63	25.101	DCBP	273424.80	30483.02	-0.0238
			1782784.07	385292.56	

NC
RL, NC

Sample Name : CDDMTW*10

FileName : C:\2700\DCP\881A038.raw

Method : 881A

Start Time : 0.00 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 19 mV

Sample #:

Date : 12/6/93 11:55 AM

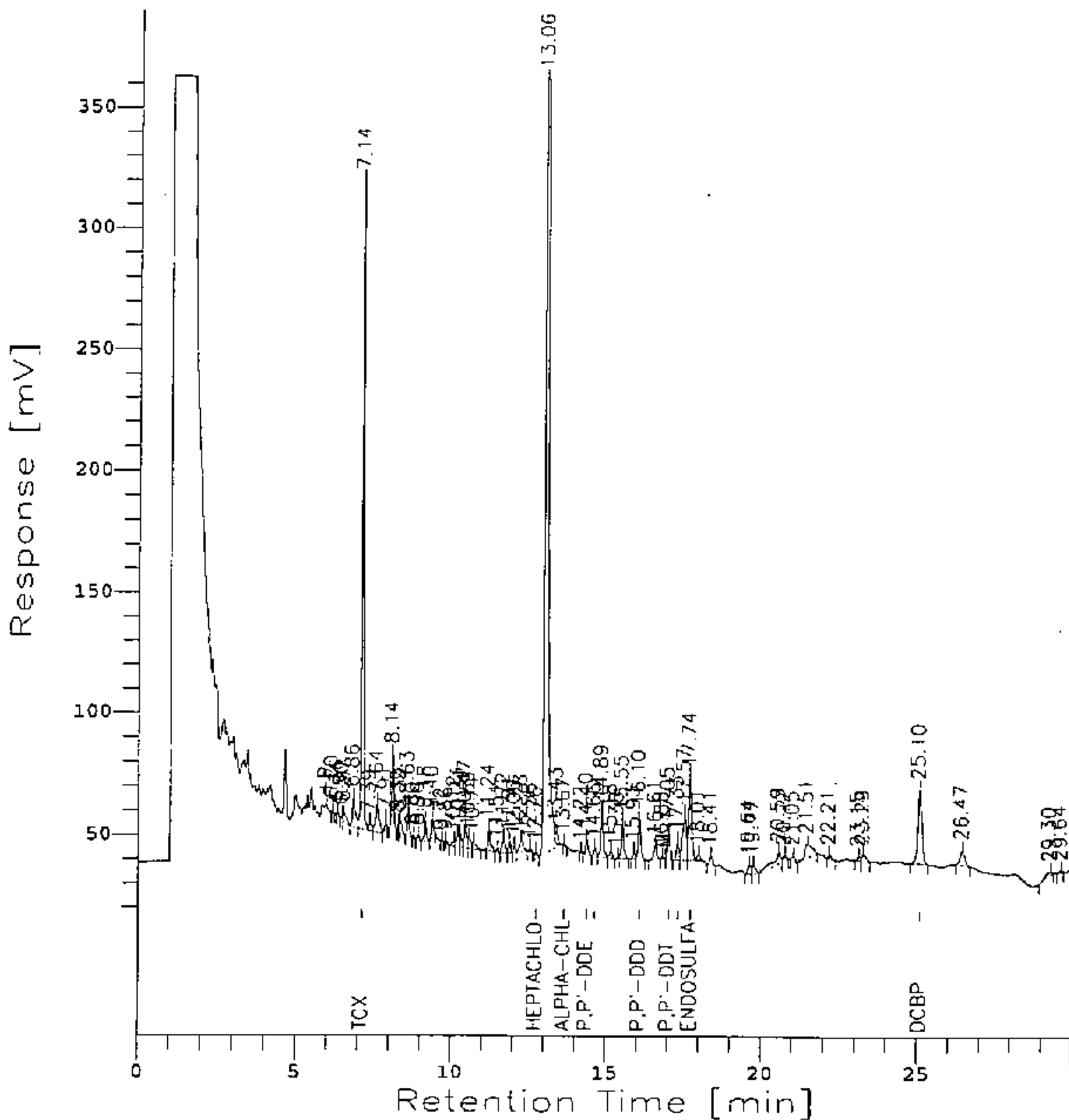
Page 1 of 1

Time of Injection: 12/4/93 12:47 PM

Low Point : 19.40 mV

Plot Scale: 343.6 mV

High Point : 362.99 mV



002309

=====

Software Version: 3.3 <4B11>

Sample Name : CDDMTW*11

Time : 12/6/93 11:56 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 01:24 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A039.RAW

Result File : C:\2700\OCP\881A039.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 60

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (X)
7	7.143	TCX	953203.04	264176.87	-0.0319
24	10.803	DELTA-BHC	0148.70	1064.84	-0.0398
33	12.241	HEPTACHLOR EPOXIDE	3419.60	854.10	0.0441
37	14.654	DIFLORIN	1414.00	1331.31	-0.0090
44	17.048	P.P.I-007	20087.56	3849.14	-0.0273
45	17.338	ENDRIN ALDEHYDE	21372.48	3804.78	-0.1982
47	17.743	ENDOSULFAN SULFATE	134473.84	30688.68	-0.2344
58	25.103	DCBP	223658.20	24597.06	-0.0172

1369773.25 320376.57

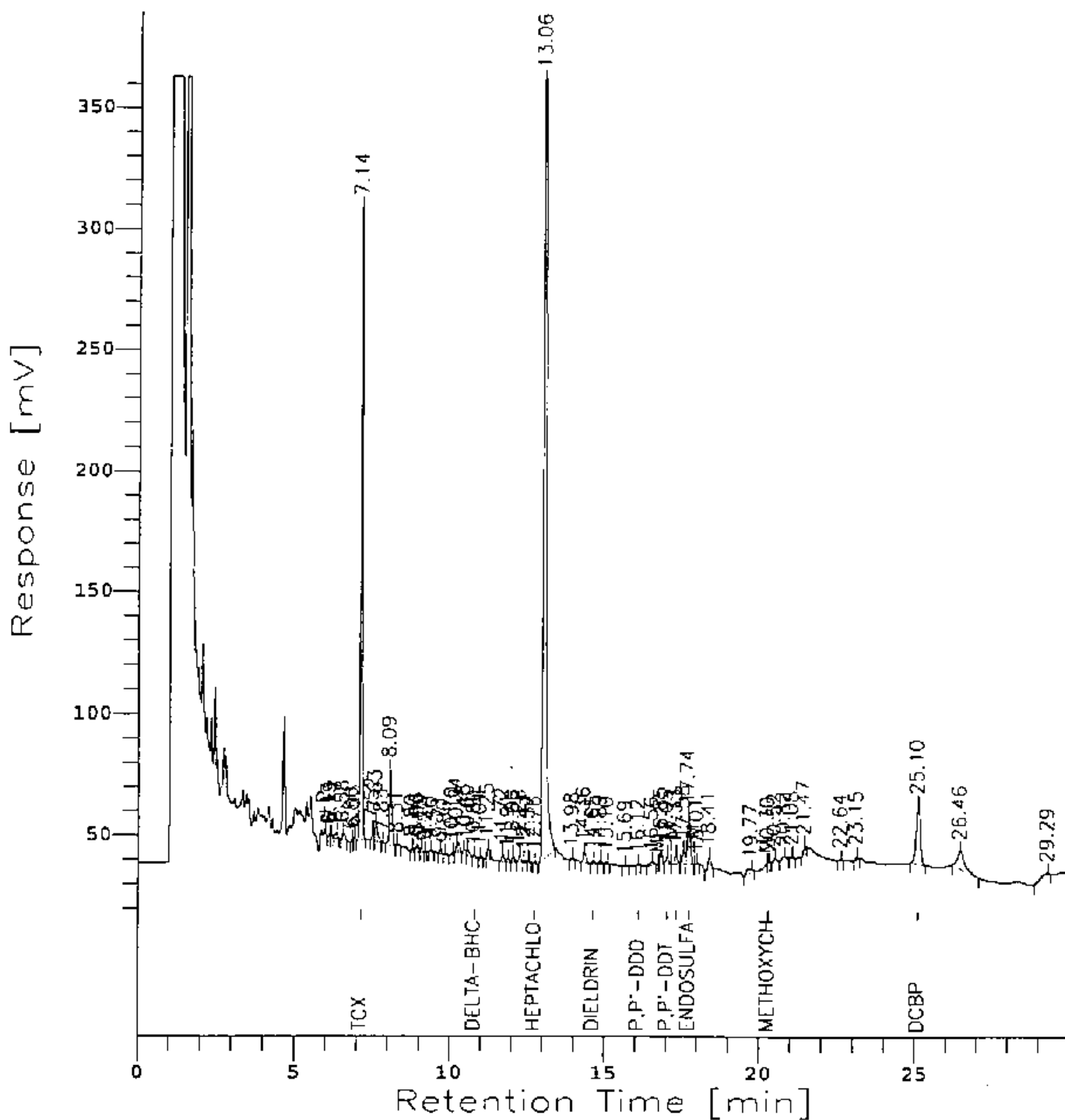
Chromatogram

49 378

Sample Name : CDDMTW*11
FileName : C:\2700\CCP\881A039.raw
Method : 881A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 19 mV

Sample #:
Date : 12/6/93 11:56 AM
Time of Injection: 12/4/93 01:24 PM
Low Point : 19.40 mV
Plot Scale: 343.6 mV
Page 1 of 1
High Point : 362.99 mV



002311

=====

Software Version: 3.3 <4B11>

Sample Name : CDDMTW*12

Time : 12/6/93 11:57 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 02:02 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A040.RAW

Result File : C:\2700\OCP\881A040.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 47

===== DATA REPORT

Peak #	Ret Time [min]	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
4	7.145	TCX	1539280.40	406876.59	-0.0155
23	32.753	HEPTACHLOR EPOXIDE	17588.80	3830.76	-0.0438
26	14.645	DIELDRIN	6662.40	1081.83	0.0700
30	15.755	ENDRIN	4255.20	750.40	-0.0575
32	17.054	P.P. DDT	5493.88	1083.36	0.0004
33	12.339	ENDRIN ALDEHYDE	306985.06	43714.02	-0.1332
35	17.743	ENDOSULFAN SULFATE	107610.44	15468.18	-0.2370
46	25.102	DCBP	496176.40	55552.26	-0.0206
			2480552.60	528857.33	

Sample Name : CDDMTW*12

FileName : C:\2700\DCP\B81A040.raw

Method : B81A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 19 mV

Sample #:

Date : 12/6/93 11:57 AM

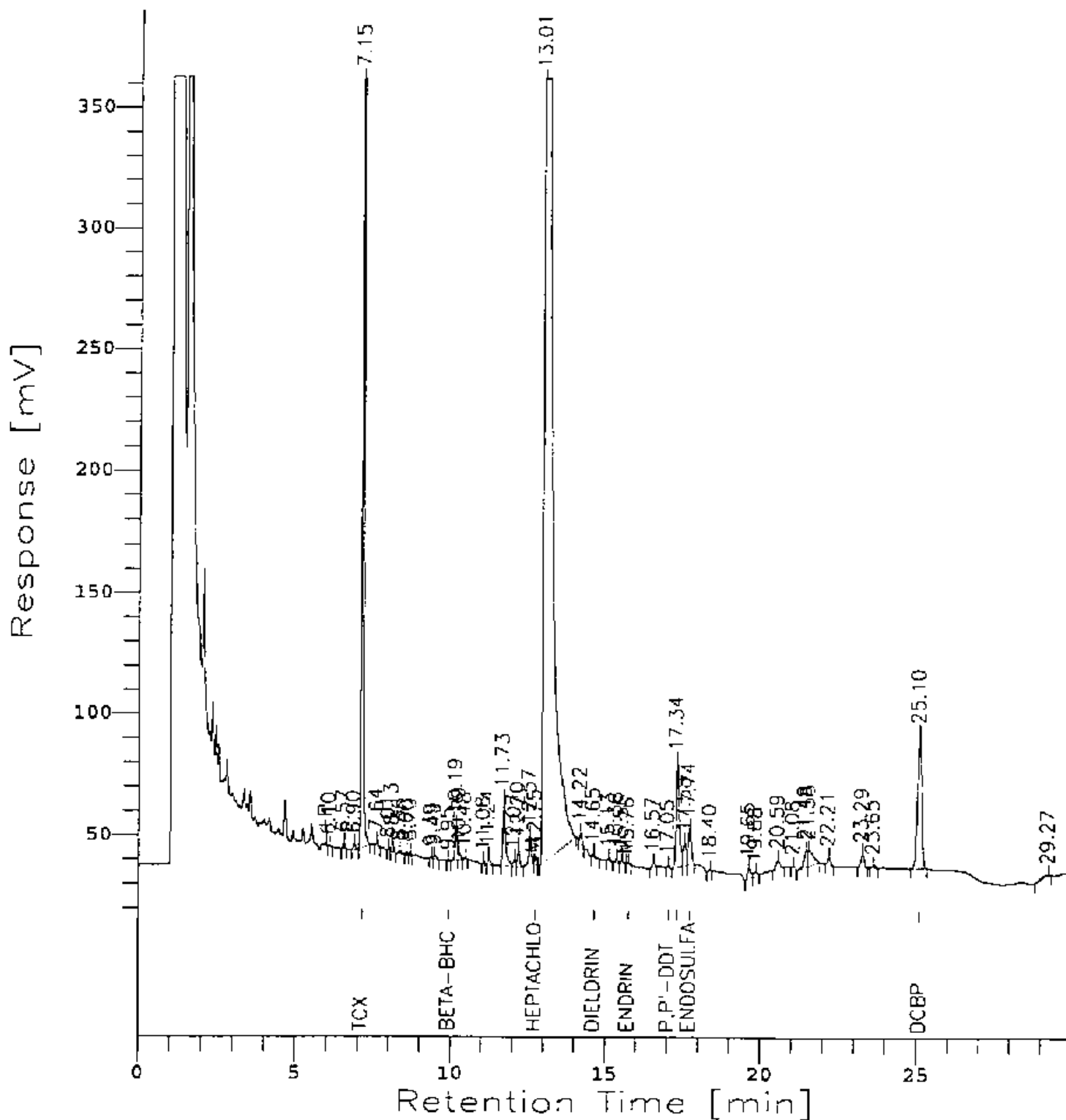
Time of Injection: 12/4/93 02:02 PM

Low Point : 19.40 mV

Plot Scale: 343.6 mV

Page 1 of 1

High Point : 362.99 mV



002313

=====

Software Version: 3.3 <4B11>

Sample Name : CCS*OCP60*2

Time : 12/5/93 10:44 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 07:40 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A049.RAW

Result File : C:\2700\OCP\881A049.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 39

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DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [X]
1	7.144	TCX	2050400.91	548548.53	-0.0304
5	8.861	ALPHA-BHC	893966.00	264627.56	-0.0172
8	9.792	LINDANE	808600.50	238428.46	-0.0148
9	9.951	BETA-BHC	392017.73	105241.55	-0.0400
11	10.545	HEPTACHLOR	851245.20	219938.84	-0.0124
12	10.795	DELTA-BHC	745326.40	219974.71	-0.0390
14	11.300	ALDRIN	736184.60	182883.73	-0.0169
17	12.752	HEPTACHLOR EPOXIDE	669979.00	146714.68	-0.0215
19	13.755	ENDOSULFAN A	626798.40	129528.34	-0.0246
20	14.397	P,P'-DDE	542060.64	118706.15	-0.0809
21	14.652	DIELDRIN	562957.36	116510.03	-0.0194
24	15.759	ENDRIN	523245.60	106580.89	-0.0260
25	16.095	P,P'-DDD	375262.03	78617.00	-0.0846
26	16.319	ENDOSULFAN B	526762.37	102725.88	-0.0272
28	17.044	P,P'-DDT	439009.20	88862.03	-0.0530
29	17.359	ENDRIN ALDENYDE	407273.80	74523.14	-0.0202
30	17.782	ENDOSULFAN SULFATE	488441.20	83419.82	-0.0151
31	20.340	METHOXYCHLOR	464889.30	81118.17	-0.0284
38	25.100	DCBP	2186816.00	240401.19	-0.0299

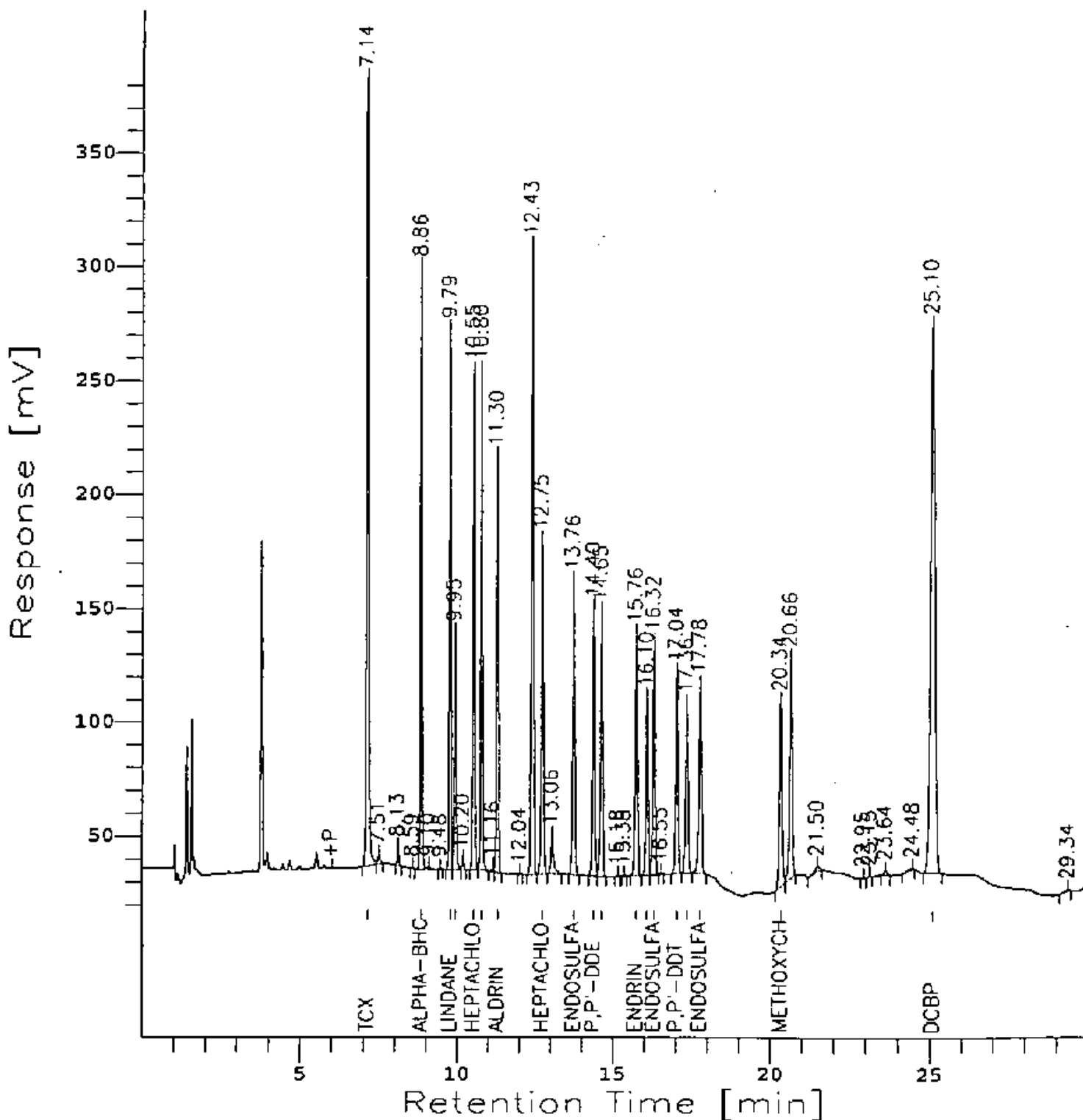
14291236.24 3.147e+06

Sample Name : CCS*OCP60*2
FileName : C:\2700\OCP\881A049.raw
Method : 881A
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 18 mV

Sample # :
Date : 12/6/93 10:45 AM
Time of Injection: 12/4/93 07:40 PM
Low Point : 17.74 mV
Plot Scale : 366.0 mV

Page 1 of 1



002315

=====

Software Version: 3.3 <4B11>

Sample Name : CCS*OCP60*3

Time : 12/6/93 10:45 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : A A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 08:18 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881A050.RAW

Result File : C:\2700\OCP\881A050.RST

Instrument File: 881A

Process File : c:\2700\ocp\881A.prc

Sample File : c:\2700\ocp\881A.smp

Sequence File : C:\2700\OCP\881A.seq

Inj. Volume : 1 ul

Area Reject : 2300.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 40

Area Threshold : 750

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 35

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
1	7.144	TCX	2103011.20	548432.65	-0.0313
5	8.860	ALPHA-BHC	931827.60	269079.57	-0.0242
7	9.790	LINDANE	835945.40	236794.71	-0.0279
8	9.950	BETA-BHC	406434.88	104567.39	-0.0467
10	10.544	HEPTACHLOR	870824.80	221637.61	-0.0185
11	10.794	DELTA-BHC	758308.20	215810.15	-0.0442
13	11.299	ALDRIN	746873.20	185486.74	-0.0263
15	12.752	HEPTACHLOR EPOXIDE	681142.04	145404.94	-0.0223
17	13.755	ENDOSULFAN A	634918.00	129843.00	-0.0300
18	14.398	P,P'-DDE	540300.20	113834.53	-0.0695
19	14.632	DIELDRIN	568036.20	115702.77	-0.0224
22	15.759	ENDRIN	527122.60	104686.78	-0.0282
23	16.098	P,P'-DDD	375897.25	76020.28	-0.0680
24	16.318	ENDOSULFAN B	533906.35	102844.79	-0.0338
25	17.046	P,P'-DDT	431623.40	85662.98	-0.0404
27	17.357	ENDRIN ALDEHYDE	409031.80	73717.84	-0.0297
28	17.783	ENDOSULFAN SULFATE	476298.80	81295.34	-0.0108
30	20.338	METHOXYCHLOR	477614.77	83177.50	-0.0374
34	25.096	DDEP	2199672.00	232888.60	-0.0463

14508788.69 3.127e+06

Chromatogram

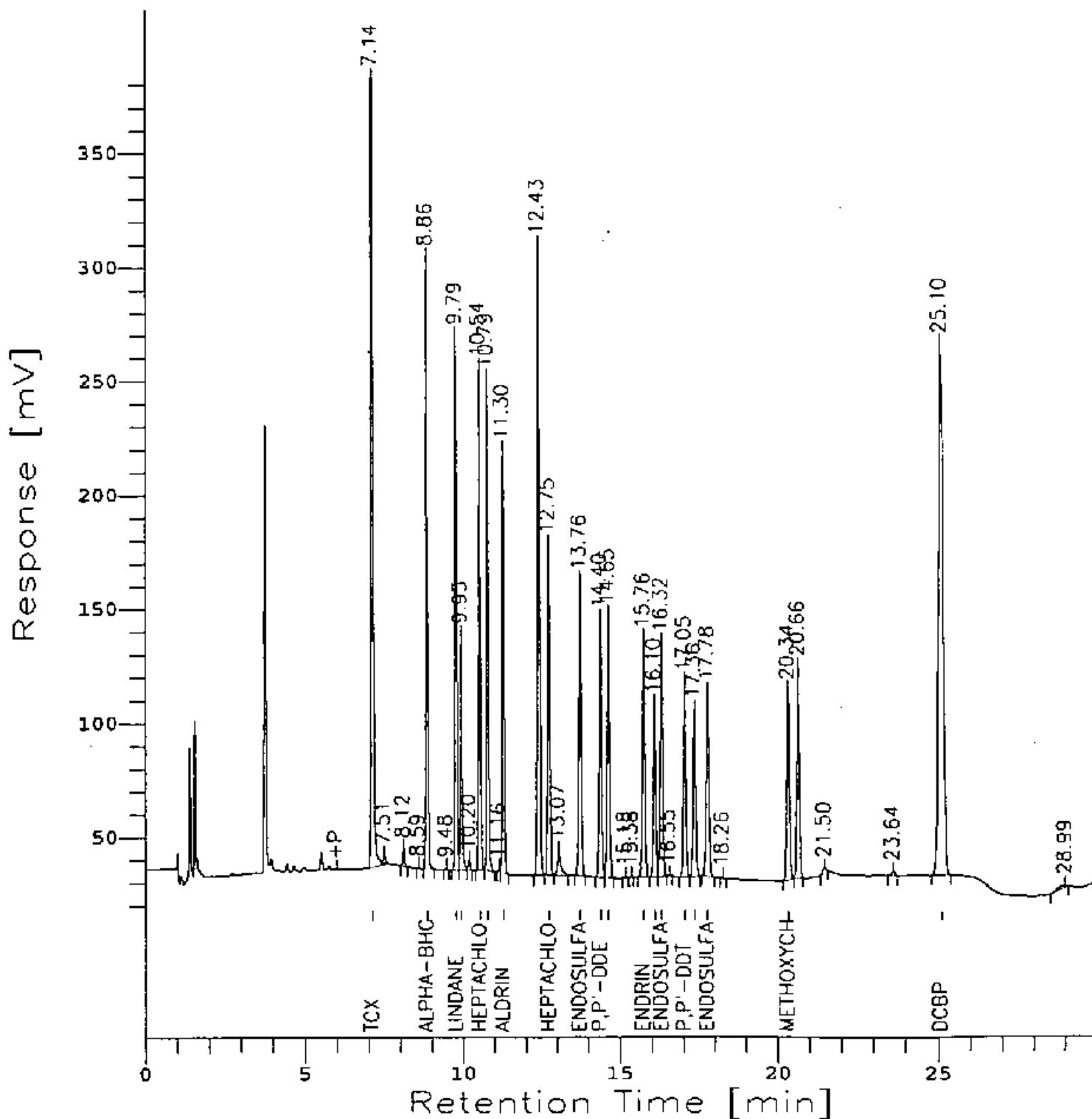
49 384

Sample Name : CCS*DCP60*3
File Name : C:\2700\DCP\651A050.raw
Method : 881A
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 18 mV

Sample # :
Date : 12/6/93 10:45 AM
Time of Injection : 12/4/93 08:18 PM
Low Point : 17.74 mV
Plot Scale : 366.0 mV
High Point : 383.74 mV

Page 1 of 1



002317

Sequence File : C:\2700\OCP\881B.SEQ
 Created by : FDR on : 12/6/93 09:10 AM
 Edited by : on : 12/6/93 09:12 AM
 Number Of Times Edited : 13

Sequence File Header Information:

Study Name :
 Segment Interface : YES
 Number of Cycles : 63
 Instrument Type : 760 / 900 Series Intelligent Interface
 Injection Type : SINGLE

Cycle	Sample Name	Sample Number	Site	Rack	Vial	Sequence Sample Descriptions		Inj. Volume	Dil. Factor	Mult	Divisor	Addend	Inst File	Output Device
						Sample Amount	STD Amount							
1	93320 TC 100 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
2	92220 TC 5 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
3	93312 TOX 1000 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
4	93312 TOX 100 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
5	EVAL		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
6	93308 OCP-0.5 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
7	93308 OCP-1.0 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
8	93308 OCP-5.0 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
9	93308 OCP-10 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
10	93308 OCP-20 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
11	93308 OCP-40 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
12	93308 OCP-60 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
13	93308 OCP-100 NG/ML		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
14	85480 PCB 1060 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
15	85480 PCB 1060 - 20		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
16	85468 PCB 1221 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
17	85468 PCB 1232 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
18	85468 PCB 1242 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
19	85468 PCB 1248 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
20	93325 PCB 1254 - 500		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
21	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
22	MS*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
23	SP1*QC*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
24	SPM1*GRUJRK4*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
25	SPM2*GRUJRK4*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
26	GRUJRK4*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
27	GRUJRK4*2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
28	GRUJRK4*3		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
29	GRUJRK4*4		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
30	CCS*OCP60*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
31	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
32	MS*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
33	SP1*QC*1 1:5		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
34	SPM1*CDONTW*9 1:5		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
35	SPM2*CDONTW*9 1:5		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
36	CDONTW*9		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
37	CDONTW*10		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
38	CDONTW*11		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
39	CDONTW*12		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
40	GRUJRK4*4 1:20		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
41	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
42	MS*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
43	SP1*QC*1 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
44	SPM1*CDONTW*22 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
45	SPM2*CDONTW*22 1:2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
46	CDONTW*22		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
47	CDONTW*37		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
48	CCS*OCP60*2		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
49	CCS*OCP60*3		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
50	HEXANE		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
51	MS*QC*1		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:
52	SP1*QC*1 1:5		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	881B	SCRN:

53	SPH1*CODMTW*3 1:5	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
54	SPH2*CODMTW*3 1:5	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
55	CODMTW*3	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
56	CODMTW*16	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
57	CODMTW*26	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
58	CODMTW*36	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
59	CODMTW*41	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
60	CODMTW*42	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
61	CCS*OCP6D*4	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
62	CCS*OCP6D*5	A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:
63		A	1	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	8818	SCRN:

=====

Software Version: 3.3 <4B11>

Sample Name : 93320 TC 100 NG/ML

Time : 12/6/93 11:00 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 01:36 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B001.RAW

Result File : C:\2700\OCP\881B001.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1.0ul

Area Reject : 1200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 60

=====

DATA REPORT

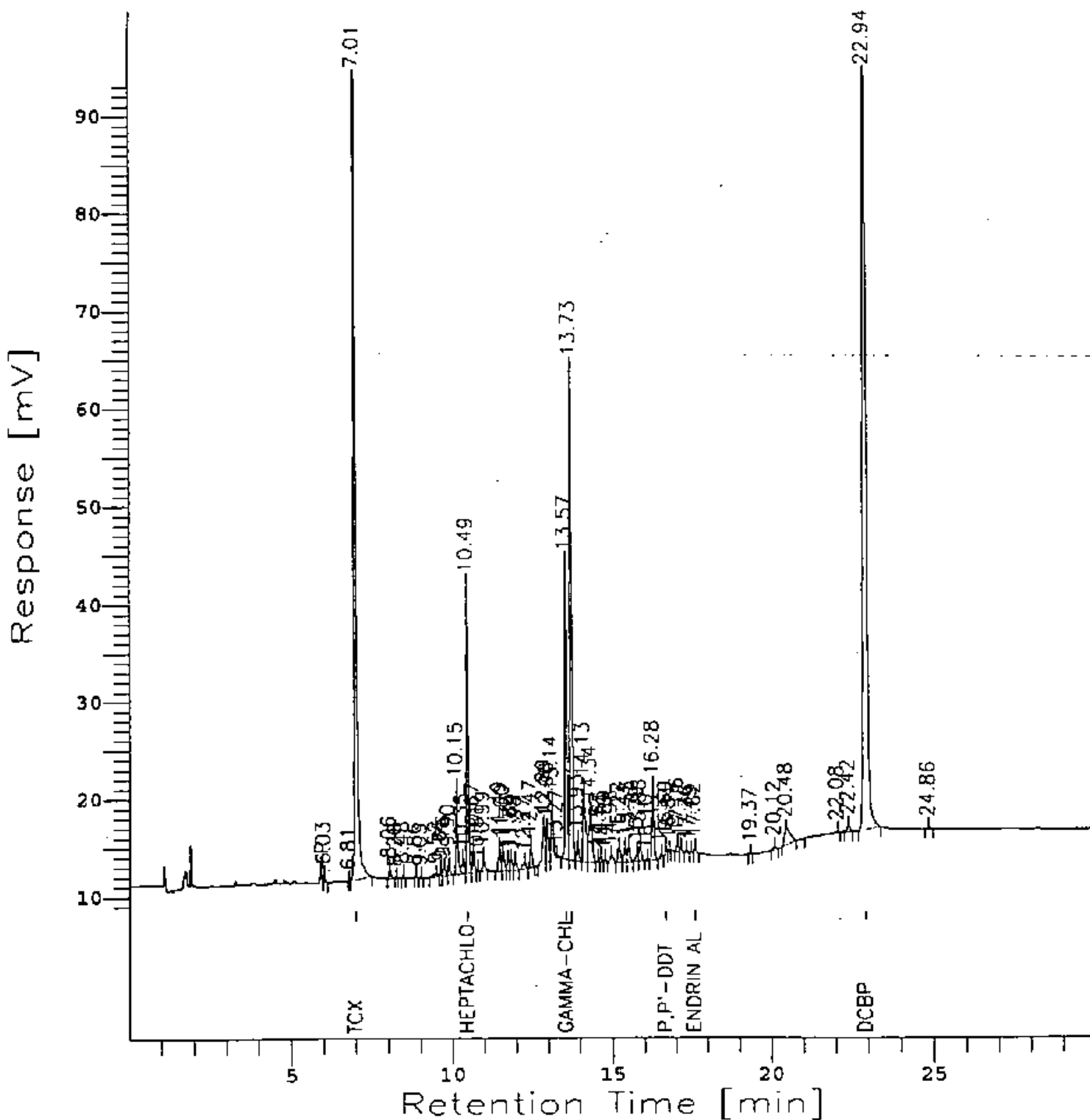
Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
3	7.010	TCX	473368.74	130280.13	0.0184
15	10.491	HEPTACHLOR	97705.72	29949.11	0.0156
30	13.571	GAMMA-CHLORDANE	126931.52	30691.06	-0.0232
31	13.732	ALPHA-CHLORDANE	217214.45	50596.83	0.0169
47	16.693	P,P'-DDT	4335.43	995.98	-0.2555
53	17.621	ENDRIN ALDEHYDE	2653.37	525.24	-0.2186
59	22.940	DCBP	684551.60	102269.16	0.0217

1606760.83 345307.51

Sample Name : 93320 TC 100 NG/ML
FileName : C:\2700\DCP\8818001.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample # :
Date : 12/6/93 11:00 AM
Time of Injection : 12/3/93 01:36 PM
Low Point : 8.51 mV
Plot Scale : 85.4 mV
High Point : 93.92 mV



002321

=====

Software Version: 3.3 <4B11>

Sample Name : 92220 TC 5 NG/ML

Time : 12/6/93 11:01 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 02:14 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B002.RAW

Result File : C:\2700\OCP\881B002.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 15

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (s)
3	7.017	TCX	4329.19	1091.80	0.1218
6	10.495	HEPTACHLOR	1856.00	409.66	0.0498
9	13.575	GAMMA-CHLORDANE	1689.44	400.83	-9e-16
10	13.750	ALPHA-CHLORDANE	2316.96	465.48	-3e-15
14	22.942	DCBP	8643.80	1379.86	0.0335
			18835.39	3747.64	

=====

Chromatogram

49 390

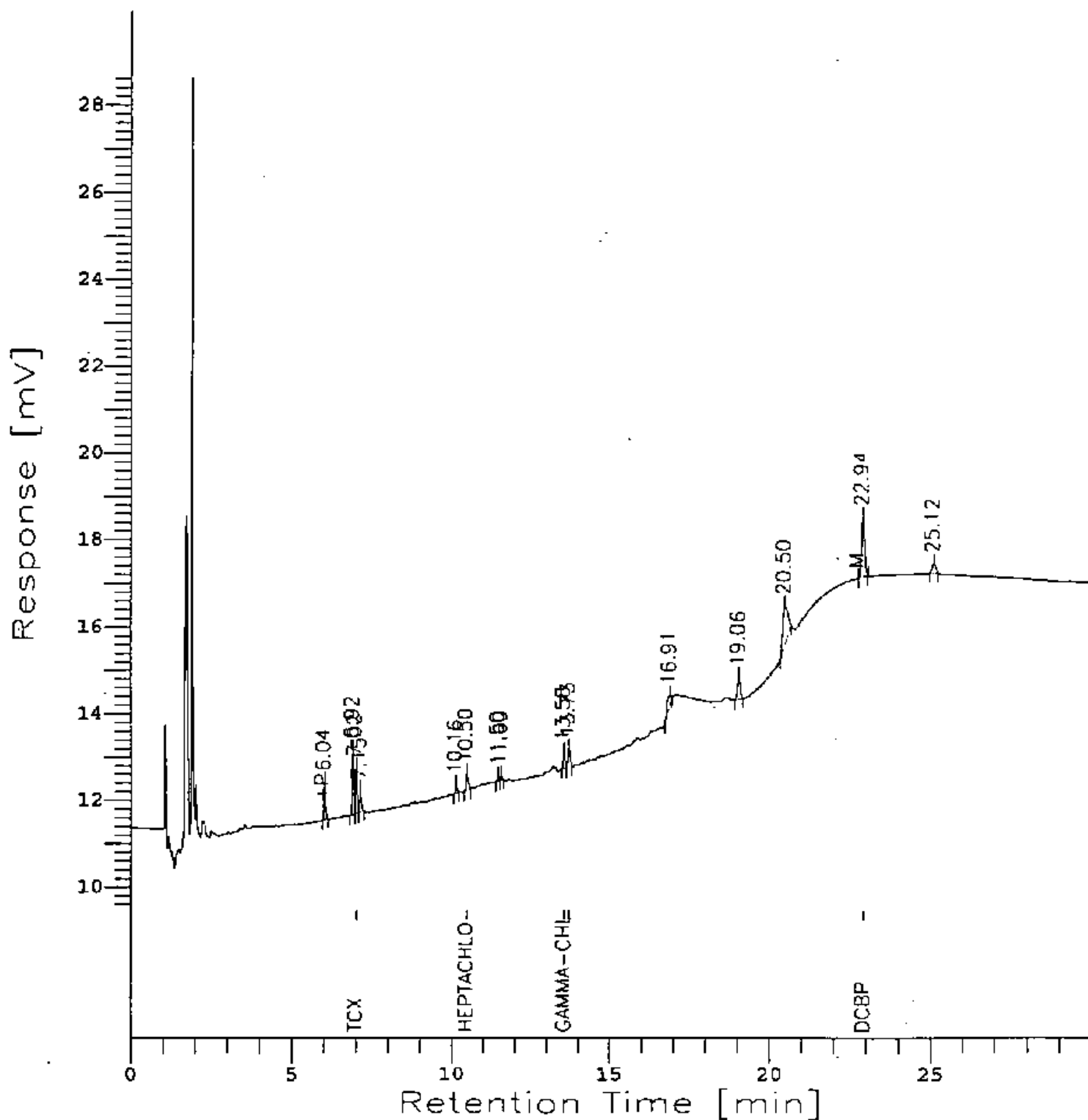
Sample Name : 92220 TC 5 NG/ML
FileName : C:\2700\DCP\8818002.raw
Method : 8818
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample #:
Date : 12/6/93 11:01 AM
Time of Injection: 12/3/93 02:14 PM
Low Point : 9.47 mV
Plot Scale: 19.2 mV

Page 1 of 1

High Point : 28.64 mV



002323

=====

Software Version: 3.3 <4B11>

Sample Name : 93312 TOX 1000 NG/ML

Time : 12/6/93 11:01 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 02:51 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B003.RAW

Result File : C:\2700\OCP\881B003.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 71

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
2	7.010	TCX	595369.60	166944.61	0.0137
10	11.120	ALDRIN	539.64	87.96	0.1698
17	12.213	DELTA-BHC	7439.39	1489.46	0.2744
21	12.736	HEPTACHLOR EPOXIDE	7401.03	1024.57	0.2436
24	13.453	ENDOSULFAN A	18580.10	2185.32	-0.0263
25	13.570	GAMMA-CHLORDANE	11528.72	1941.84	0.0263
26	13.716	ALPHA-CHLORDANE	15583.88	2556.31	-0.1017
34	15.056	ENDRIN	21461.15	3537.22	0.0708
41	16.219	P,P'-DDD	52472.94	8214.36	0.0163
44	16.706	P,P'-DDT	31382.08	4787.67	-0.1794
52	17.636	ENDRIN ALDEHYDE	28480.88	4768.39	-0.1367
70	22.935	DCBP	840455.20	124771.70	0.0021

1630694.61 322309.42

Chromatogram

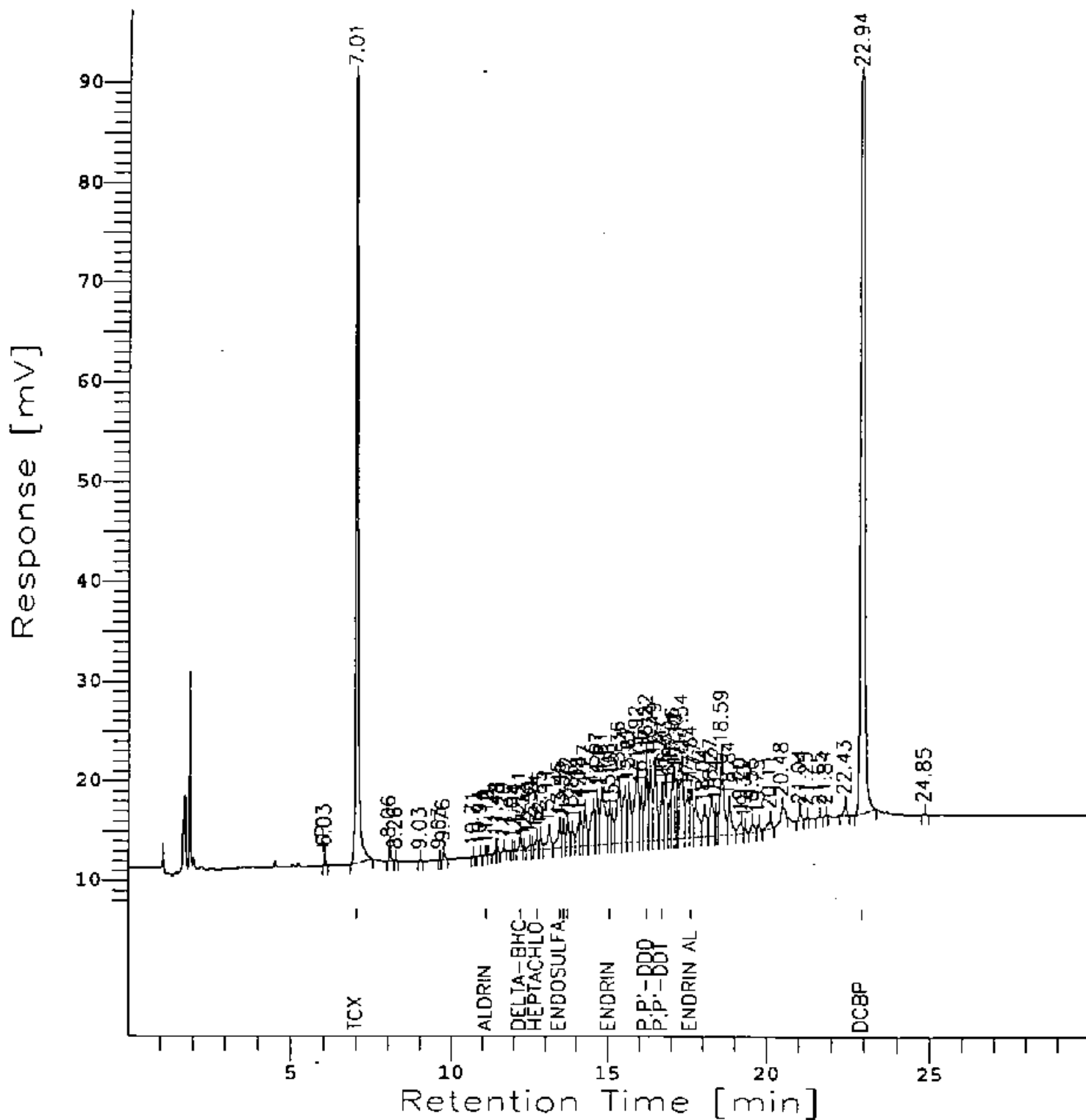
49 392

Sample Name : 93312 TOX 1000 NG/ML
FileName : C:\2700\OCP\8818003.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset: 7 mV

Sample #:
Date : 12/6/93 11:02 AM
Time of Injection: 12/3/93 02:51 PM
Low Point : 7.17 mV
Plot Scale: 83.6 mV
High Point : 90.73 mV

Page 1 of 1



002325

=====

Software Version: 3.3 <4B11>

Sample Name : 93312 TOX 100 NG/ML

Time : 12/6/93 11:02 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 03:29 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B004.RAW

Result File : C:\2700\OCP\881B004.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 39

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
3	7.014	TCX	52664.42	14183.52	0.0784
8	12.215	DELTA-BHC	519.00	119.99	0.2962
11	13.456	ENDOSULFAN A	412.00	102.19	-0.0077
12	13.717	ALPHA-CHLORDANE	472.40	121.52	-0.0947
18	15.059	ENDRIN	271.60	79.19	0.0898
24	16.221	P,P'-DDD	2826.04	515.06	0.0290
27	16.714	P,P'-DDT	336.80	91.03	-0.1342
38	22.939	DCBP	103222.40	15582.82	0.0195
			160724.66	30795.32	

=====

Chromatogram

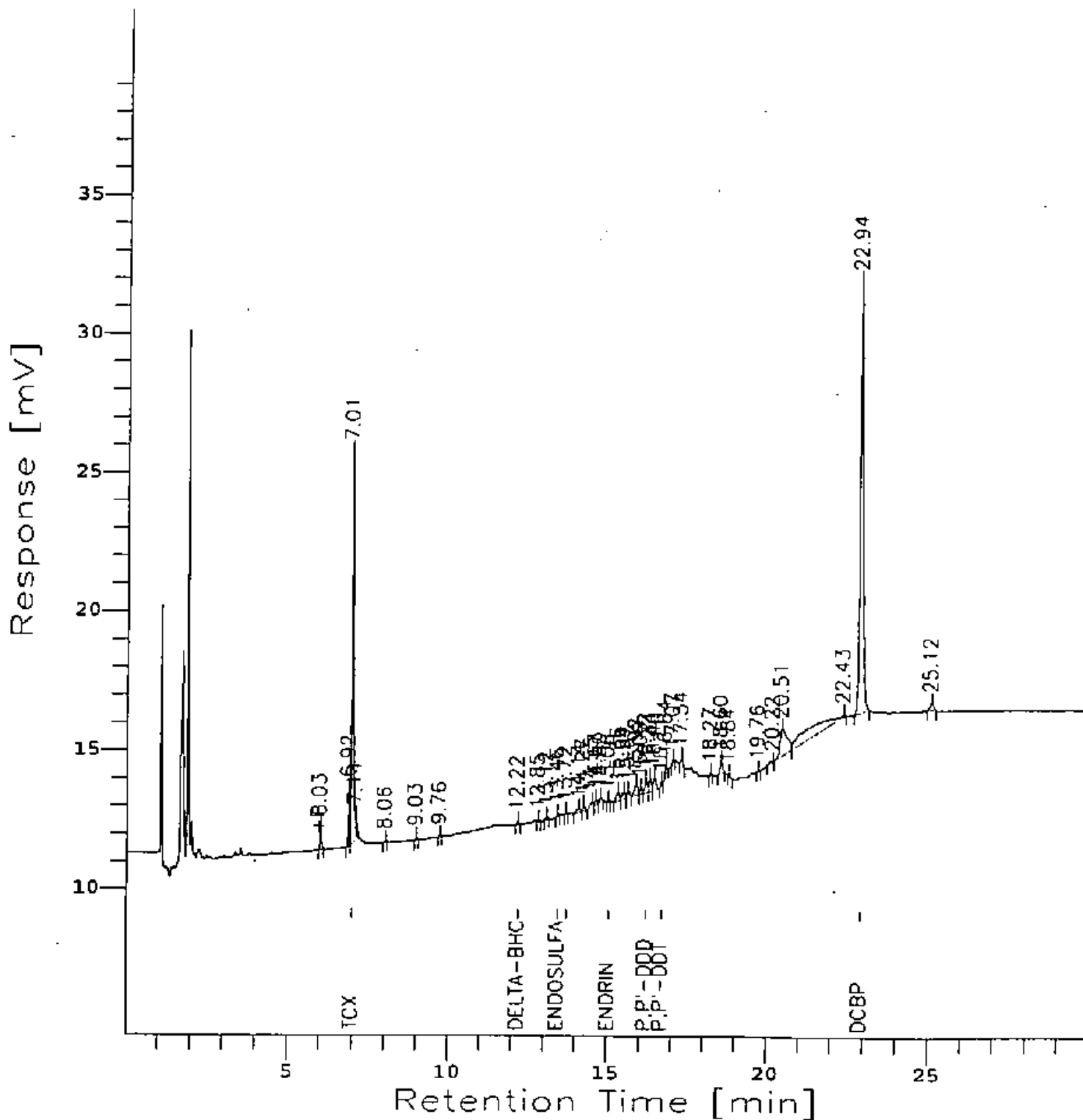
49 394

Sample Name : 93312 TOX 100 NG/ML
File Name : C:\2700\OCP\8818004.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample #:
Date : 12/6/93 11:02 AM
Time of Injection: 12/3/93 03:29 PM
Low Point : 9.30 mV
Plot Scale: 30.0 mV
High Point : 39.30 mV

Page 1 of 1



002327

=====

Software Version: 3.3 <4B11>

Sample Name : EVAL

Time : 12/6/93 11:03 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 04:07 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B005.RAW

Result File : C:\2700\OCP\881B005.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 16

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
2	7.010	TCX	376857.00	105977.64	0.0118
8	15.045	ENDRIN	100889.80	23866.74	0.0014
9	16.245	P,P'-DDD	699.20	149.20	0.1763
10	16.741	P,P'-DDT	72706.40	14606.77	0.0274
11	17.656	ENDRIN ALDENYDE	673.60	128.48	-0.0219
16	22.937	DCBP	513848.80	76953.17	0.0095

1065674.80 221682.D1

Chromatogram

49 396

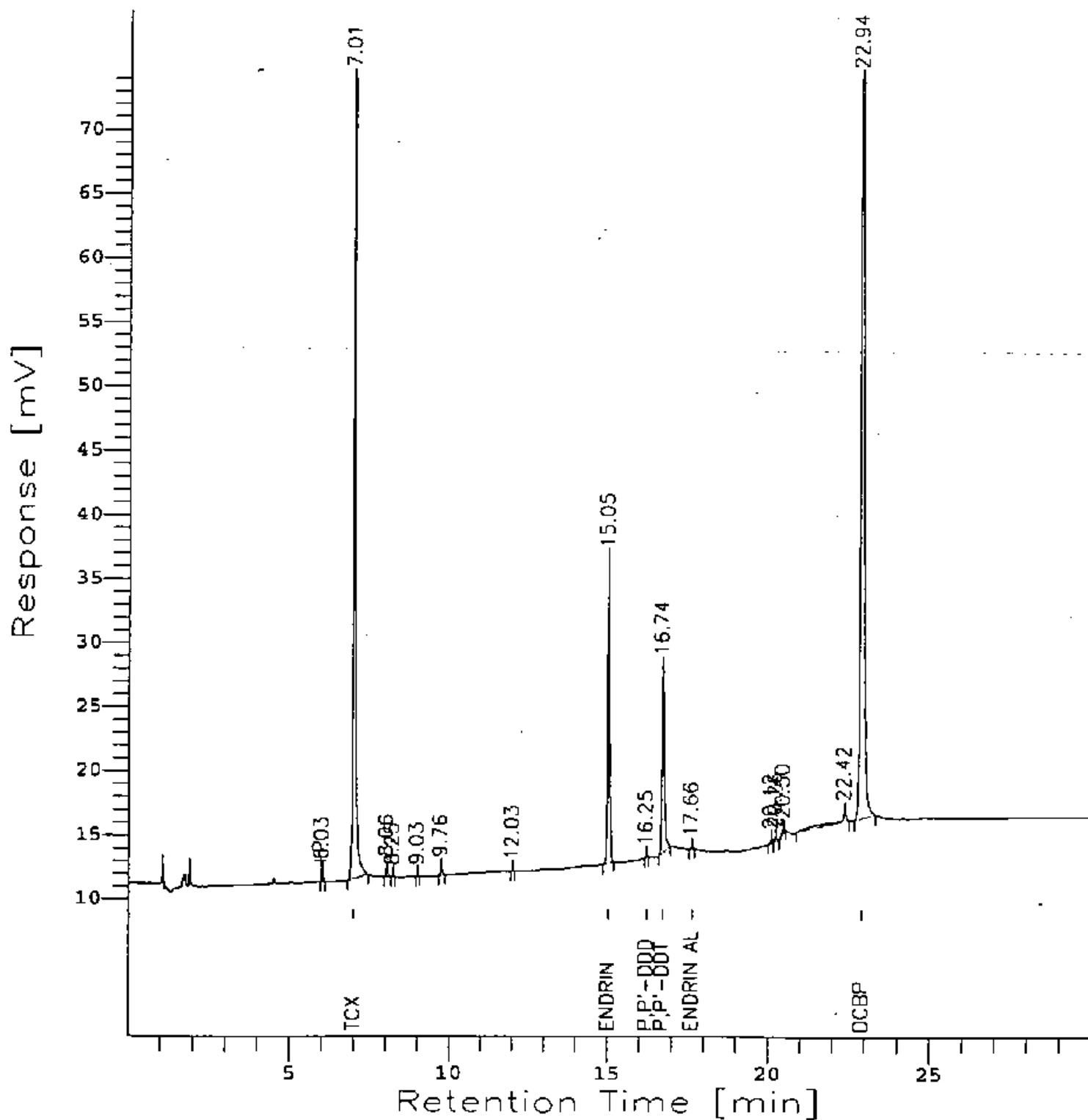
Sample Name : EVAL
FileName : C:\2700\QCP\8818005.raw
Method : BB18
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset: 9 mV

Sample #:
Date : 12/6/93 11:03 AM
Time of Injection: 12/3/93 04:07 PM
Low Point : 9.26 mV
Plot Scale: 64.9 mV

Page 1 of 1

High Point : 74.12 mV



002329

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-0.5 NG/ML

Time : 12/6/93 11:06 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 04:44 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B006.RAW

Result File : C:\2700\OCP\881B006.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 27

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [X]
3	7.016	TCX	4242.62	1103.98	0.1040
6	9.111	ALPHA-BHC	814.83	246.20	0.0066
7	10.000	LINDANE	941.20	276.77	0.0286
8	10.494	HEPTACHLOR	1879.80	541.53	0.0403
9	11.106	ALDRIN	1228.40	358.35	0.0427
10	11.549	BETA-BHC	997.00	203.58	0.0734
12	12.185	DELTA-BHC	607.73	164.41	0.0471
13	12.712	HEPTACHLOR EPOXIDE	1625.20	384.27	0.0521
14	13.465	ENDOSULFAN A	1382.80	326.46	0.0605
15	13.987	P,P'-DDE	779.00	140.48	0.1050
16	14.466	DIELDRIN	1256.00	279.63	0.0565
17	15.054	ENDRIN	1188.80	268.35	0.0570
19	16.235	P,P'-DDD	221.60	55.63	0.1131
20	16.426	ENDOSULFAN B	1242.80	279.06	0.0483
22	17.673	ENDRIN ALDEHYDE	529.40	106.78	0.0772
23	18.771	METHOXYCHLOR	2599.00	429.53	0.0644
26	22.944	DCBP	9203.00	1496.40	0.0406
			30739.18	6661.41	

=====

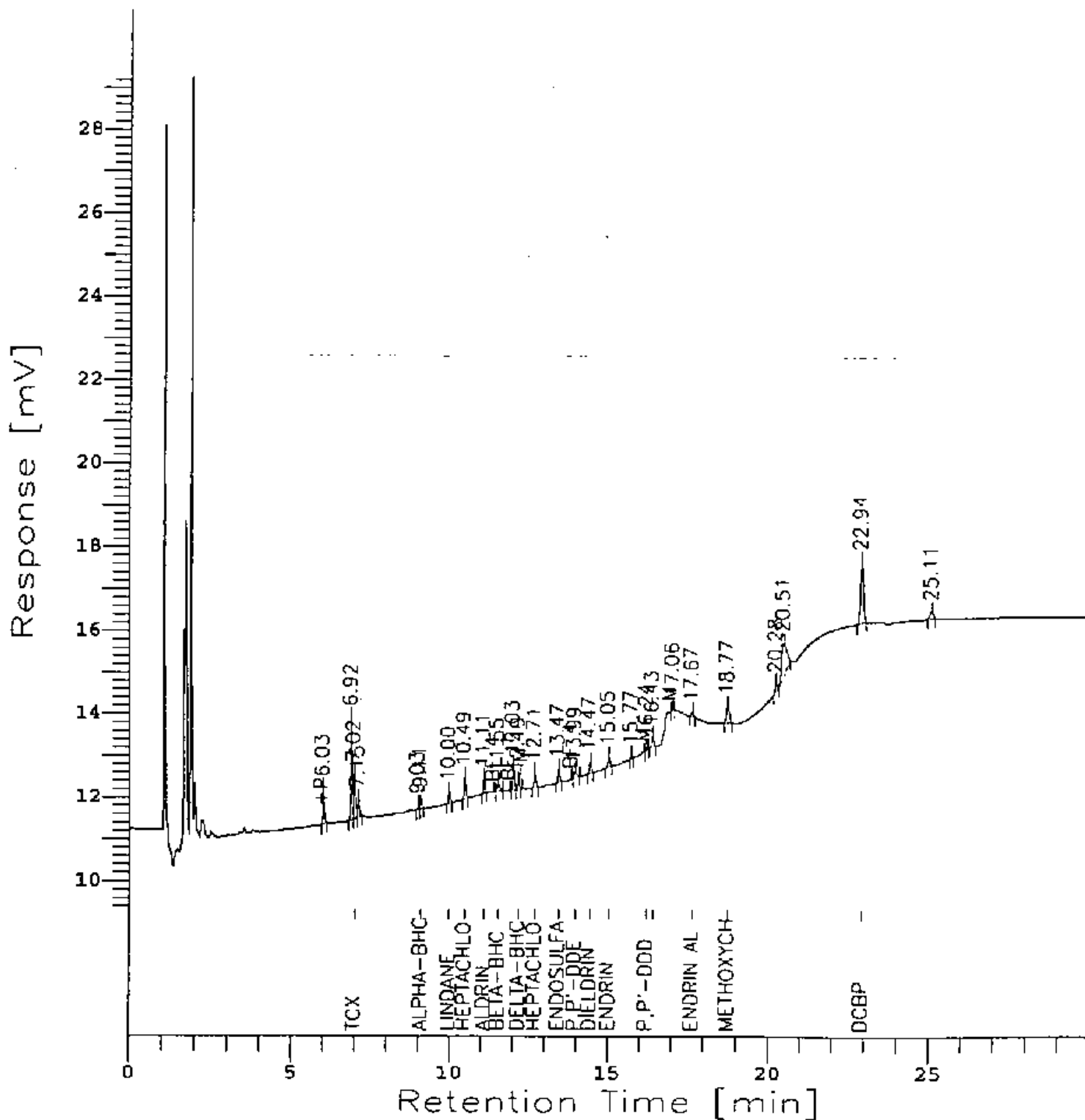
Chromatogram

49 398

Sample Name : 93308 OCP-0.5 NG/ML
FileName : C:\2700\OCP\8816005.raw
Method : 8818
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample # :
Date : 12/6/93 11:06 AM
Time of Injection: 12/3/93 04:44 PM
Low Point : 9.33 mV
Plot Scale: 20.0 mV
Page 1 of 1
High Point : 29.28 mV



002331

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-1.0 NG/ML

Time : 12/6/93 11:09 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 05:22 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B007.RAW

Result File : C:\2700\OCP\881B007.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 24

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (X)
3	7.022	TCX	8575.44	2134.28	0.1948
4	9.118	ALPHA-BHC	1622.40	475.96	0.0842
5	10.004	LINDANE	1950.80	544.85	0.0731
6	10.498	HEPTACHLOR	3769.60	1050.17	0.0838
7	11.109	ALDRIN	2562.40	707.14	0.0703
8	11.550	BETA-BHC	1517.20	372.75	0.0779
10	12.187	DELTA-BHC	1314.31	334.16	0.0636
11	12.714	HEPTACHLOR EPOXIDE	3280.80	775.59	0.0685
12	13.487	ENDOSULFAN A	2960.00	672.19	0.0748
13	13.986	P,P'-DDE	1306.00	262.20	0.1028
14	14.468	DIELDRIN	2448.20	535.32	0.0702
15	15.053	ENDRIN	2310.80	515.73	0.0549
16	16.239	P,P'-DDD	641.60	136.65	0.1413
17	16.427	ENDOSULFAN B	2522.00	554.48	0.0527
18	16.793	P,P'-DDT	423.60	141.12	0.0000
20	17.671	ENDRIN ALDEHYDE	1234.80	234.59	0.0625
21	18.772	METHOXYCHLOR	5306.80	859.73	0.0737
24	22.946	DCBP	17724.20	2759.73	0.0513

61470.96 12925.53

Chromatogram

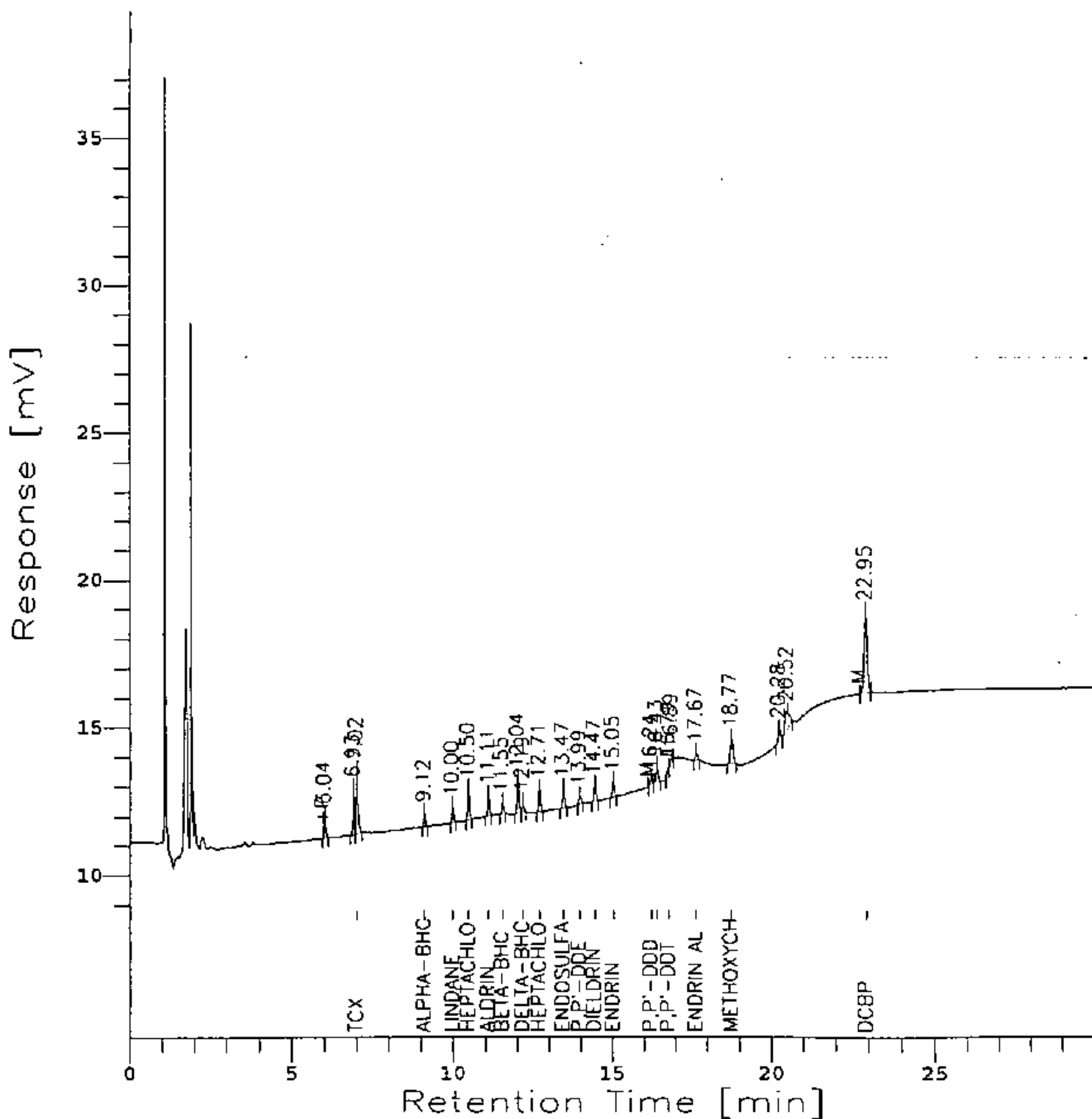
49 400

Sample Name : 93309 OCP-1.0 NG/ML
FileName : C:\2700\OCP\8818007.raw
Method : 8818
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 9 mV

Sample #:
Date : 12/6/93 11:09 AM
Time of Injection: 12/3/93 05:22 PM
Low Point : 8.81 mV
Plot Scale: 28.3 mV
High Point : 37.09 mV

Page 1 of 1



002333

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-5.0 NG/ML

Time : 12/6/93 11:09 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 06:00 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B008.RAW

Result File : C:\2700\OCP\881B008.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 24

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [X]
3	7.020	TCX	42873.34	11459.45	0.1601
5	9.117	ALPHA-BHC	9692.60	2556.72	0.0728
6	10.003	LINDANE	10200.80	2879.10	0.0619
7	10.698	HEPTACHLOR	18379.80	5169.66	0.0789
8	11.109	ALDRIN	12959.20	3572.55	0.0704
9	11.549	BETA-BHC	7864.00	1970.27	0.0743
11	12.188	DELTA-BHC	8447.82	1906.08	0.0690
12	12.714	HEPTACHLOR EPOXIDE	15983.60	3741.31	0.0728
13	13.468	ENDOSULFAN A	14901.60	3376.50	0.0847
14	13.987	P,P'-DDE	8641.40	1480.67	0.1085
15	14.468	DIELDRIN	12426.20	2742.81	0.0714
16	15.054	ENDRIN	11848.40	2581.07	0.0566
17	16.233	P,P'-DDD	5490.34	977.51	0.1048
18	16.426	ENDOSULFAN B	14254.46	2976.84	0.0488
19	16.750	P,P'-DDT	5543.20	1234.66	0.0801
20	17.672	ENDRIN ALDEHYDE	9082.00	1311.37	0.0716
21	18.772	METHOXYCHLOR	27117.20	4298.71	0.0744
24	22.944	DCBP	85735.80	13071.18	0.0432

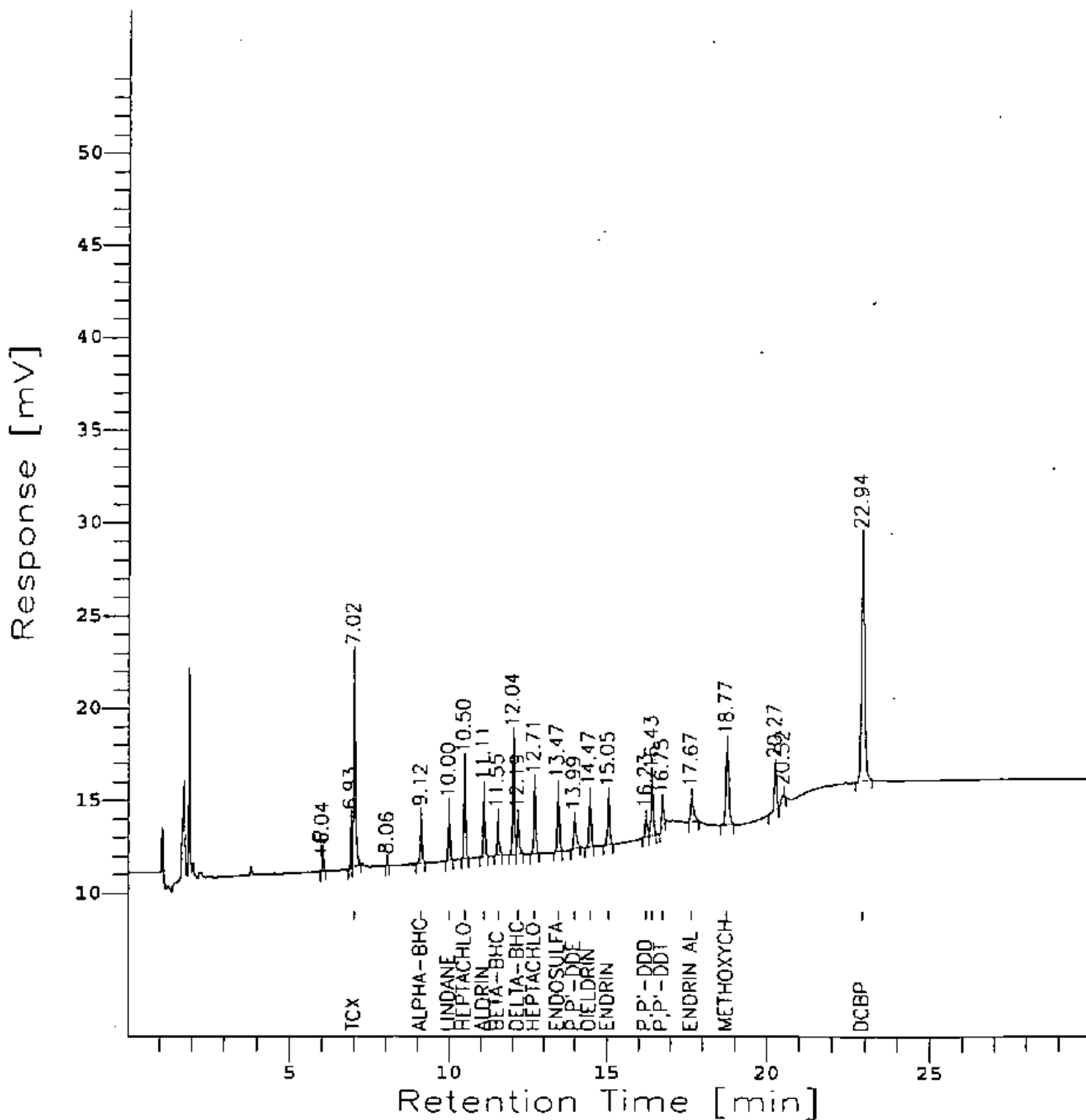
321441.76 67306.47

Chromatogram

Sample Name : 93308 OCP-5.0 NG/ML
FileName : C:\2700\OCP\8818008.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample # :
Date : 12/6/93 11:09 AM
Time of Injection : 12/3/93 06:00 PM
Low Point : 9.10 mV
Plot Scale : 45.0 mV
Page 1 of 1
High Point : 56.10 mV



002335

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-10 NG/ML

Time : 12/6/93 11:10 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 06:37 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B009.RAW

Result File : C:\2700\OCP\881B009.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 26

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
3	7.018	TCX	89674.60	24901.12	0.1270
5	9.114	ALPHA-BHC	19801.20	5779.53	0.0458
7	10.001	LINDANE	21802.00	6444.06	0.0381
8	10.494	HEPTACHLOR	37143.20	10793.81	0.0419
9	11.105	ALDRIN	26685.60	7765.69	0.0348
10	11.546	BETA-BHC	16089.20	4058.13	0.0411
12	12.183	DELTA-BHC	17669.90	4188.97	0.0285
13	12.709	HEPTACHLOR EPOXIDE	32068.80	7650.93	0.0332
14	13.462	ENDOSULFAN A	30022.40	6837.94	0.0432
15	13.981	P,P'-DDE	18796.80	3160.33	0.0615
16	14.464	DIELDRIN	25034.00	5636.89	0.0409
17	15.049	ENDRIN	23896.60	5208.83	0.0261
18	16.229	P,P'-DDD	12807.11	2187.86	0.0791
19	16.424	ENDOSULFAN B	28860.49	5976.09	0.0339
20	16.744	P,P'-DDT	14204.60	2971.81	0.0475
21	17.670	ENDRIN ALDENYDE	21046.20	2776.16	0.0555
22	18.771	METHOXYCHLOR	55608.80	8763.47	0.0649
26	22.941	DCBP	165697.20	25204.51	0.0302

656908.70 140306.13

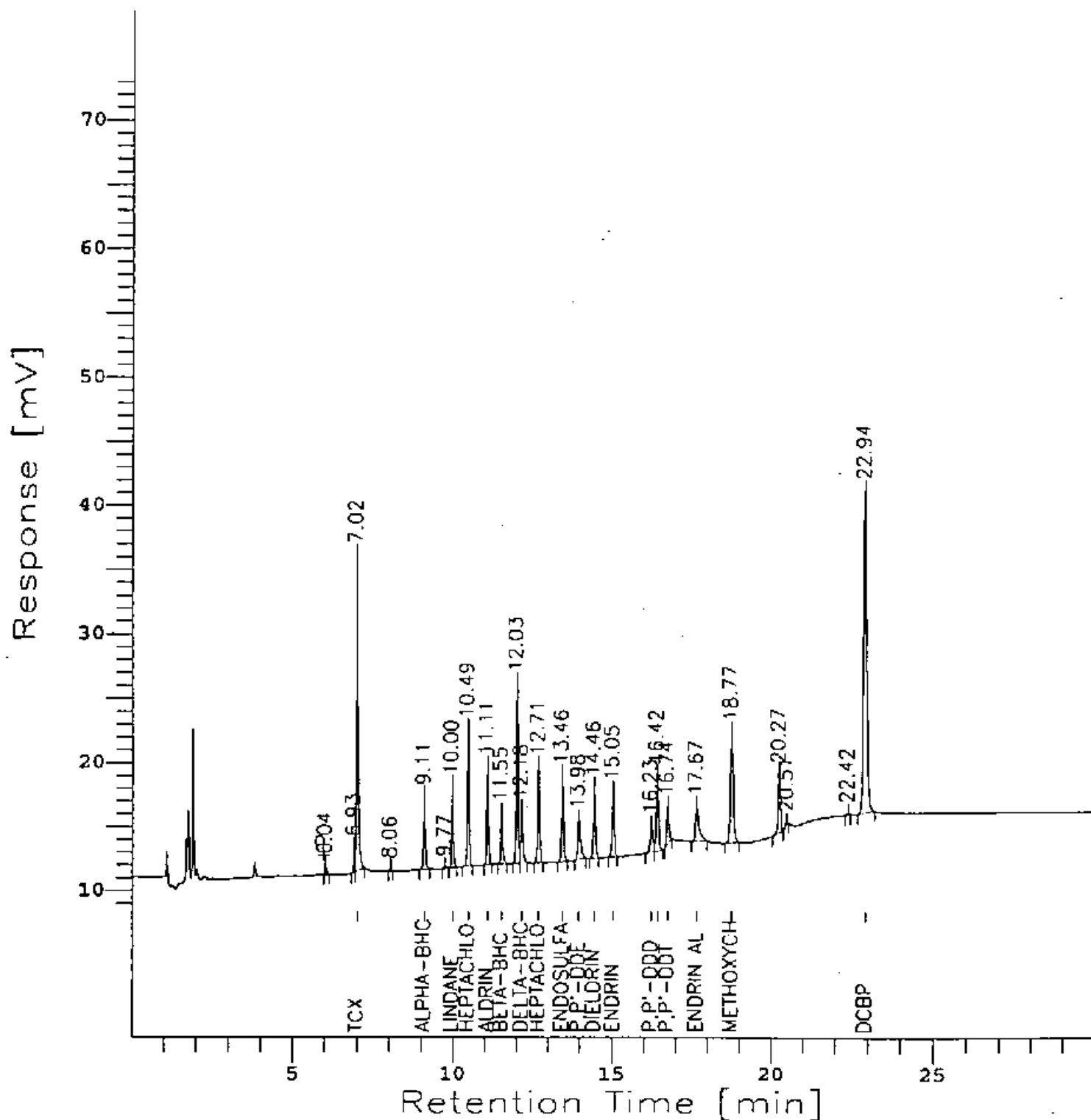
Chromatogram

Sample Name : 93308 OCP-10 NG/ML
FileName : C:\2700\OCP\8818009.rev
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 8 mV

Sample # :
Date : 12/6/93 11:10 AM
Time of Injection: 12/3/93 06:37 PM
Low Point : 8.40 mV
Plot Scale : 65.0 mV
High Point : 73.40 mV

Page 1 of 1



002337

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-20 NG/ML

Time : 12/6/93 11:11 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 07:15 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B010.RAW

Result File : C:\2700\OCP\881B010.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 26

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.012	TCX	214352.80	57207.54	0.0482
4	9.112	ALPHA-BHC	47842.40	15089.81	0.0198
6	9.999	LINDAXE	52716.80	16920.23	0.0175
7	10.492	HEPTACHLOR	80413.00	24432.69	0.0191
8	11.105	ALDRIN	60812.80	18703.60	0.0284
9	11.546	BETA-BHC	36864.60	9381.19	0.0412
12	12.181	DELTA-BHC	42259.38	10703.14	0.0143
13	12.708	HEPTACHLOR EPOXIDE	69073.60	16937.78	0.0200
14	13.460	ENDOSULFAN A	65693.20	15280.03	0.0239
15	13.978	P,P'-DDE	45214.32	7310.02	0.0406
16	14.461	DIELDRIN	56039.68	12634.22	0.0226
17	15.048	ENDRIN	52335.20	11686.67	0.0201
18	16.225	P,P'-DDD	27211.49	4894.36	0.0528
19	16.421	ENDOSULFAN B	63348.51	13245.83	0.0180
20	16.740	P,P'-DDT	39946.40	7424.22	0.0213
21	17.664	ENDRIN ALDEHYDE	49882.80	5842.06	0.0237
22	18.764	METHOXYCHLOR	119940.40	19034.80	0.0280
26	22.938	DCBP	337163.00	50132.56	0.0134

1461110.38 316860.75

Chromatogram

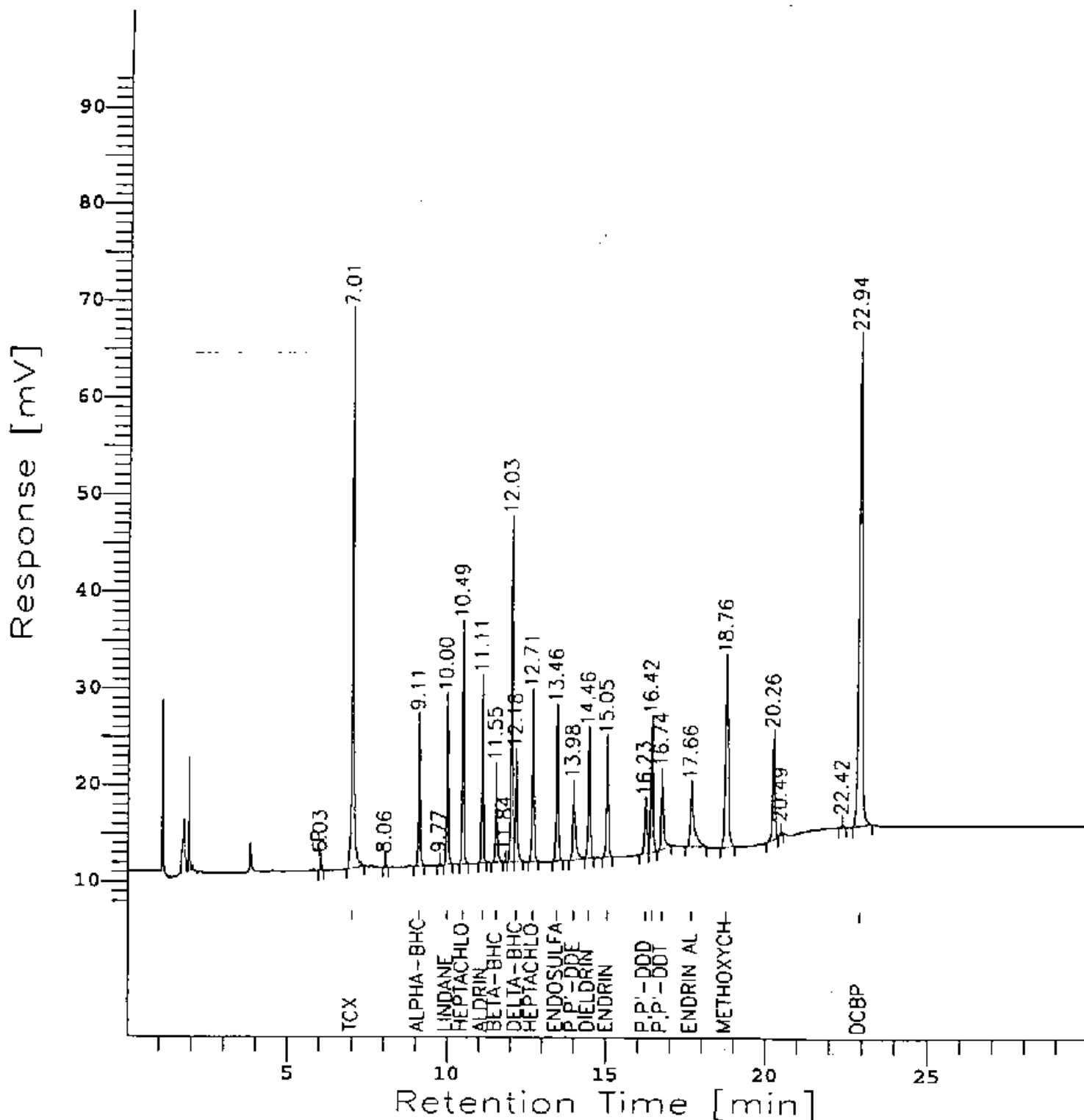
49 406

Sample Name : 93308 OCP-20 NG/ML
FileName : C:\2700\OCP\8818010.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset: 7 mV

Sample #:
Date : 12/6/93 11:11 AM
Time of Injection: 12/3/93 07:15 PM
Low Point : 7.10 mV
Plot Scale: 86.0 mV
High Point : 93.10 mV

Page 1 of 1



002339

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-40 NG/ML

Time : 12/6/93 11:11 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 07:52 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B011.RAW

Result File : C:\2700\OCP\881B011.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 33

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.012	TCX	406383.60	107954.72	0.0493
7	9.112	ALPHA-BHC	107623.60	35686.85	0.0226
10	9.997	LINDANE	116344.80	37813.08	0.0033
11	10.489	HEPTACHLOR	157148.00	47078.16	-0.0031
12	11.102	ALDRIN	124222.80	38787.30	0.0039
13	11.542	BETA-BHC	69396.60	18353.06	0.0135
16	12.179	DELTA-BHC	91978.51	24206.19	0.0007
17	12.704	HEPTACHLOR EPOXIDE	134407.60	32746.78	-0.0061
18	13.456	ENDOSULFAN A	127684.40	29629.52	-0.0016
19	13.973	P,P'-DDE	88349.75	14776.84	0.0044
20	14.457	DIELDRIN	110887.85	25434.04	-0.0043
22	15.042	ENDRIN	103294.00	22996.79	-0.0197
23	16.222	P,P'-DDD	54861.40	10201.15	0.0314
24	16.418	ENDOSULFAN B	121412.60	25297.51	-0.0027
25	16.736	P,P'-DDT	78261.40	15298.21	0.0018
26	17.661	ENDRIN ALDEHYDE	97285.60	11161.75	0.0078
28	18.763	METHOXYCHLOR	231070.40	36105.81	0.0236
32	22.935	DCBP	599058.00	87787.50	0.0040

2819670.91 621314.45

Chromatogram

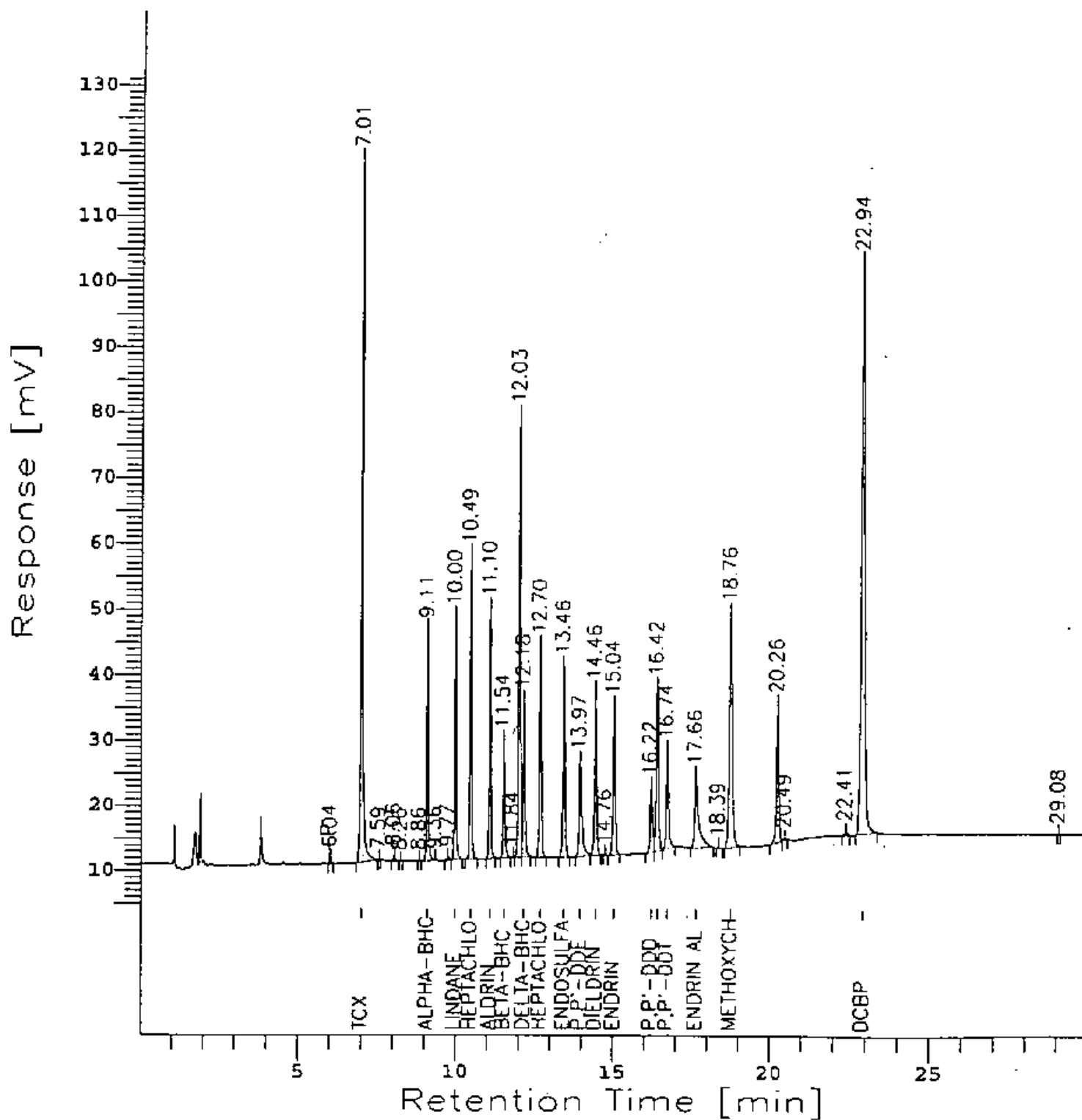
49 408

Sample Name : 93308 OCP-40 NG/ML
FileName : C:\2700\OCP\8818011.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 4 mV

Sample # :
Date : 12/6/93 11:11 AM
Time of Injection: 12/3/93 07:52 PM
Low Point : 4.30 mV
Plot Scale: 127.0 mV
High Point : 131.30 mV

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002341

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-60 NG/ML

Time : 12/6/93 11:12 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 08:30 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B012.RAW

Result File : C:\2700\OCP\881B012.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09B41 DB-608

Total Number of Peaks Detected: 42

===== DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.009	TCX	599496.00	163950.18	-8e-16
10	9.110	ALPHA-BHC	186697.60	63982.23	6.5e-15
13	9.997	LINDANE	197097.60	66416.69	4.7e-15
14	10.490	HEPTACHLOR	242143.87	75679.66	6.8e-15
16	11.102	ALDRIN	201626.96	65265.58	-7e-15
18	11.541	BETA-BHC	111290.82	30423.11	-4e-15
21	12.179	DELTA-BHC	171126.45	47205.33	-4e-15
23	12.705	HEPTACHLOR EPOXIDE	207149.93	51683.35	9.4e-16
24	13.457	ENDOSULFAN A	198940.00	47965.10	-5e-15
25	13.756	ALPHA-CHLORDANE	467.60	104.63	0.1886
26	13.972	P,P'-DDE	146139.56	28963.03	0.0004
27	14.458	DIELDRIN	175021.04	42794.69	2.5e-15
29	15.045	ENDRIN	165791.60	39394.25	4.7e-15
31	16.216	P,P'-DDD	98211.30	20916.11	-3e-15
32	16.418	ENDOSULFAN B	189636.30	41752.36	1.0e-14
33	16.736	P,P'-DDT	127779.00	27272.72	-7e-15
34	17.660	ENDRIN ALDEHYDE	150179.20	17694.05	-9e-15
36	18.758	METHOXYCHLOR	357492.80	59401.83	3.8e-15
40	22.935	DCBP	855801.20	126583.08	2.1e-15

4382088.83 1.017e+06

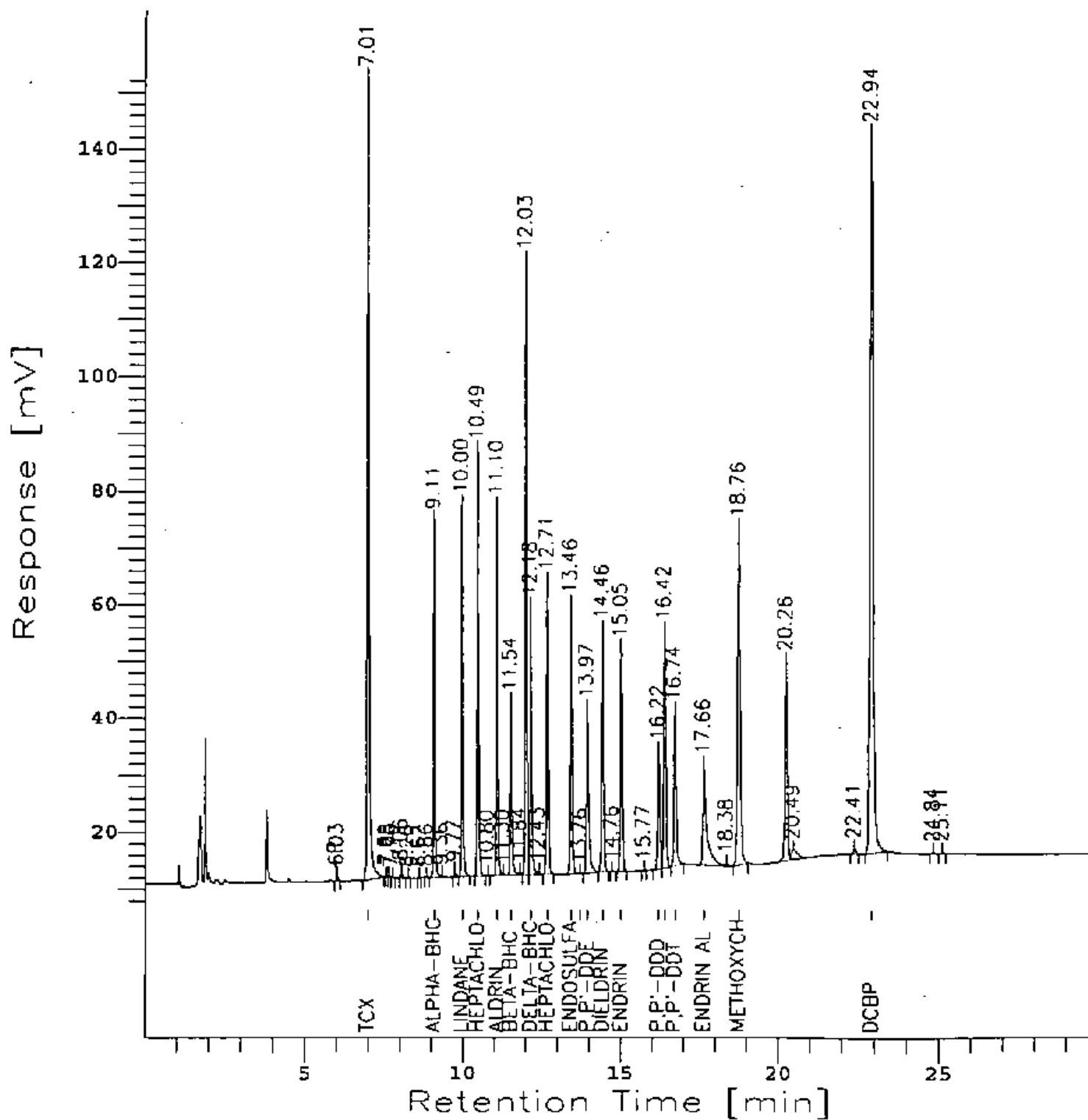
Chromatogram

Sample Name : 93308 OCP-60 HQ/HL
FileName : C:\2700\OCP\8818012.raw
Method : 8818
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 29.91 min
Plot Offset: 6 mV

Sample #:
Date : 12/6/93 11:12 AM
Time of Injection: 12/3/93 08:30 PM
Low Point : 6.35 mV
Plot Scale: 146.5 mV
High Point : 152.87 mV

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002343

=====

Software Version: 3.3 <4B11>

Sample Name : 93308 OCP-100 NG/ML

Time : 12/6/93 11:12 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 09:08 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B013.RAW

Result File : C:\2700\OCP\881B013.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 42

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.009	TCX	996639.74	265095.98	0.0022
9	9.109	ALPHA-BHC	350910.63	116065.69	-0.0125
12	9.995	LINDANE	361259.50	118160.06	-0.0182
14	10.488	HEPTACHLOR	414776.40	124347.12	-0.0163
16	11.101	ALDRIN	355694.49	111136.13	-0.0068
18	11.539	BETA-BHC	188797.89	51496.61	-0.0175
21	12.175	DELTA-BHC	317233.31	85913.10	-0.0330
23	12.702	HEPTACHLOR EPOXIDE	356602.17	89582.50	-0.0222
24	13.455	ENDOSULFAN A	327913.20	77134.43	-0.0126
25	13.754	ALPHA-CHLORDANE	534.00	131.10	0.1758
26	13.966	P,P'-DDE	255387.47	49940.16	-0.0408
27	14.455	DIELDRIN	311394.93	75479.05	-0.0203
29	15.042	ENDRIN	290549.60	68610.21	-0.0220
31	16.216	P,P'-DDD	170933.69	34231.89	-0.0038
32	16.415	ENDOSULFAN B	279928.91	60207.64	-0.0170
33	16.733	P,P'-DDT	223556.40	46268.41	-0.0207
34	17.658	ENDRIN ALDEHYDE	244912.86	27843.46	-0.0081
36	18.757	METHOXYCHLOR	587026.80	94017.80	-0.0086
40	22.931	OCP	1341185.20	187821.23	-0.0137

7377237.19 1.683e+06

Chromatogram

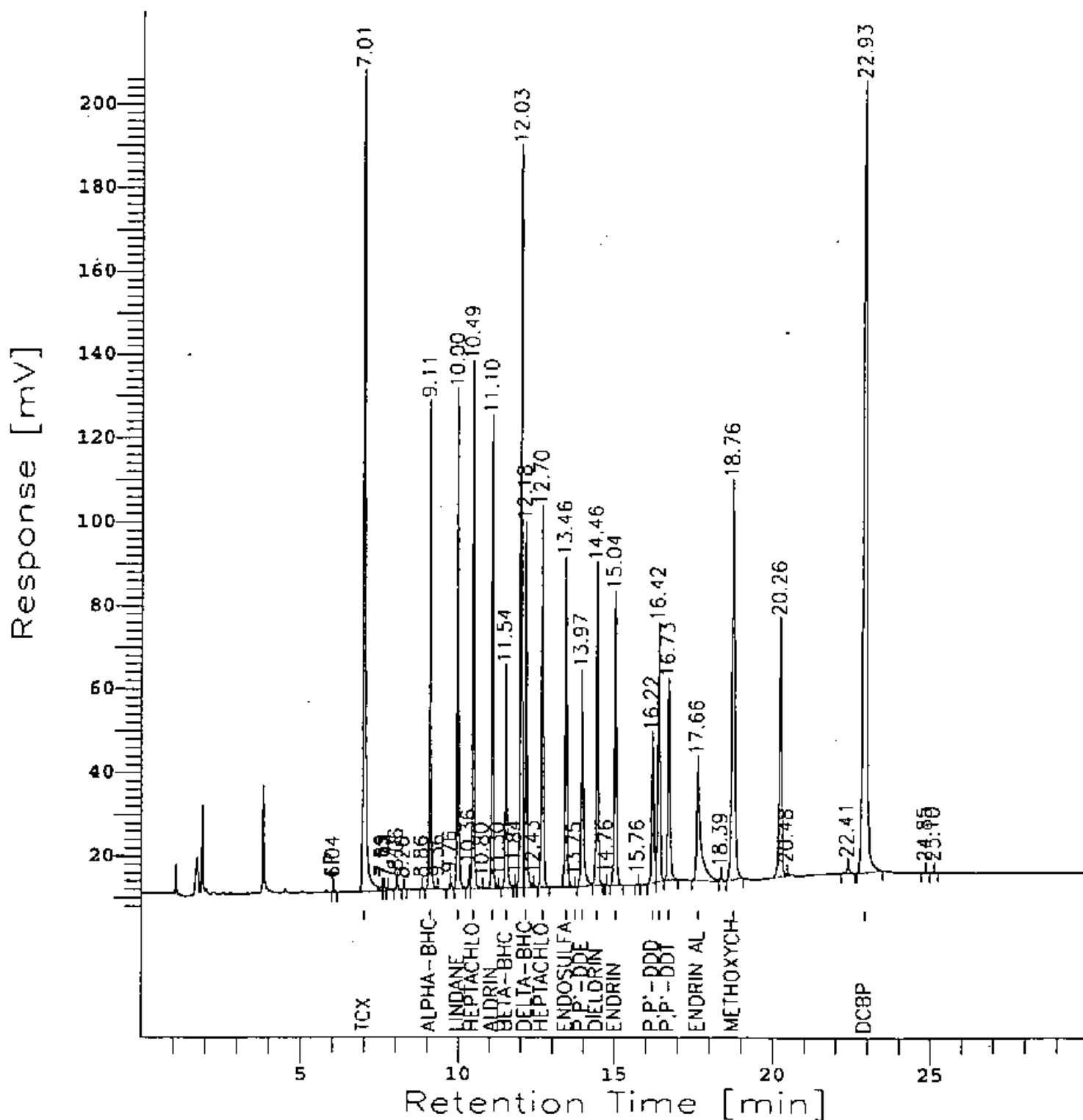
49 412

Sample Name : 93308 OCP-100 NG/ML
FileName : C:\2700\OCP\8818013.raw
Method : 8818
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 7 mV

Sample #:
Date : 12/6/93 11:12 AM
Time of Injection: 12/3/93 09:08 PM
Low Point : 7.02 mV
Plot Scale: 199.4 mV
High Point : 206.46 mV

Page 1 of 1



002345

=====

Software Version: 3.3 <4B11>

Sample Name : 85480 PCB 1060 - 500 NG/ML Time : 12/6/93 11:20 AM
 Sample Number: Study :
 Operator : FDR

Instrument : OCP Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 09:45 PM
 Delay Time : 0.00 min.
 End Time : 30.00 min.
 Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B014.RAW
 Result File : C:\2700\OCP\881B014.RST
 Instrument File: 881B
 Process File : c:\2700\ocp\881B.prc
 Sample File : c:\2700\ocp\881B.smp
 Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul Area Reject : 200.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 110 Bunch Factor: 1
 Multiplier : 1.0000 Divisor : 1.0000 Adder : 0.0000

Instrument Conditions:
 INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 59

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
2	7.008	TCX	557919.60	153392.42	-0.0063
20	11.538	BETA-BHC	50478.18	7626.02	-0.0224
22	12.161	DELTA-BHC	7558.87	1333.99	-0.1481
29	13.754	ALPHA-CHLORDANE	1788.40	255.96	0.1772
30	13.995	P,P'-DDE	13938.25	2341.66	0.1647
35	15.063	ENDRIN	11101.44	2084.27	0.1178
58	22.933	DCBP	758435.60	108242.19	-0.0087
			1401220.33	275276.52	

=====

Chromatogram

49 414

Sample Name : 85480 PCB 1060 - 500 NG/ML

FileName : C:\2700\QCP\8818014.raw

Method : 8818

Start Time : 0.01 min

Scale Factor: 0.0

End Time : 30.00 min

Plot Offset: 7 mV

Sample #:

Date : 12/6/93 11:20 AM

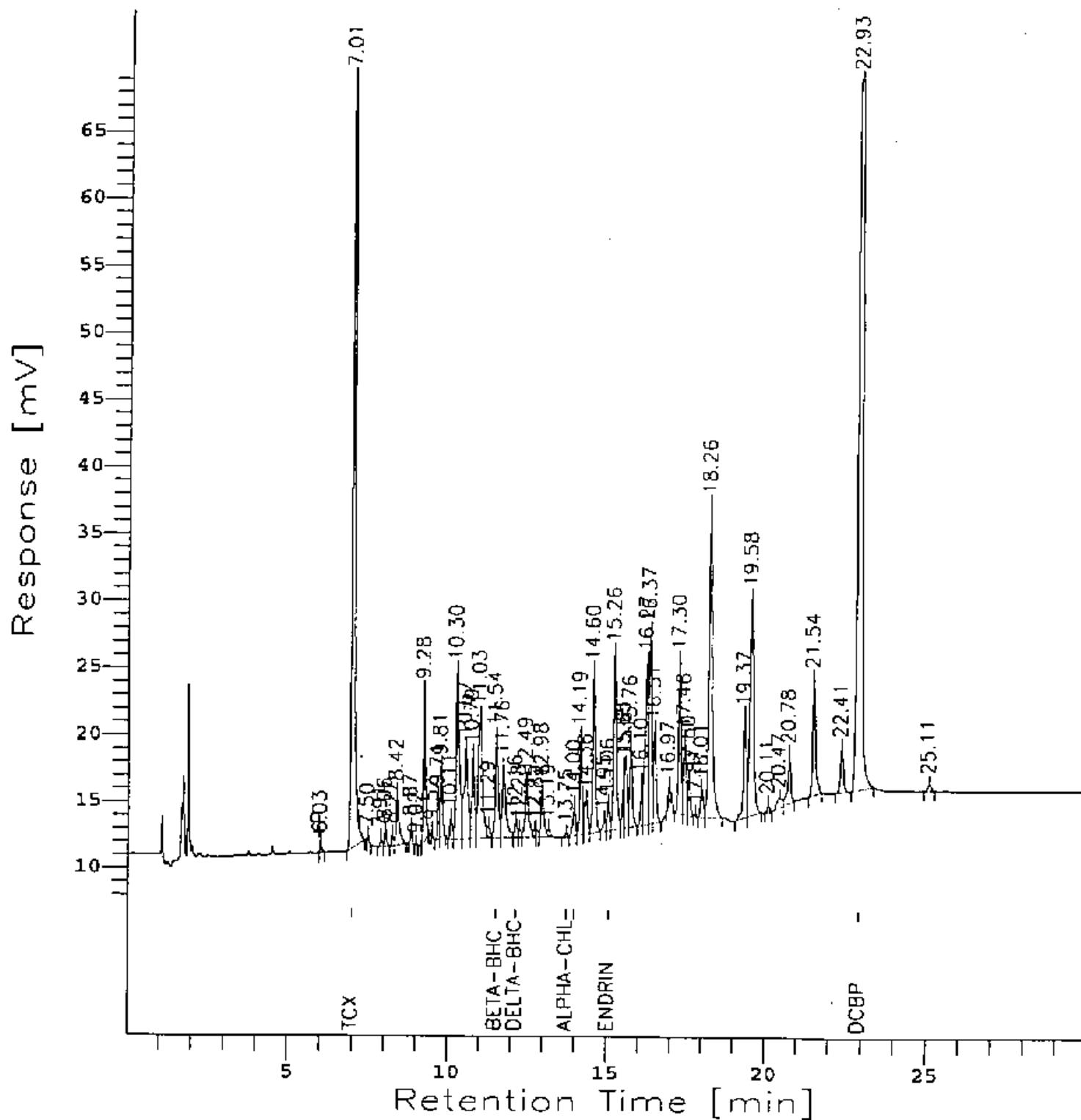
Page 1 of 1

Time of Injection: 12/3/93 09:45 PM

Low Point : 7.01 mV

High Point : 69.19 mV

Plot Scale: 62.2 mV



002347

=====

Software Version: 3.3 <4B11>

Sample Name : 85480 PCB 1060 - 20 NG/MLTime : 12/6/93 11:20 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 10:23 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B015.RAW

Result File : C:\2700\OCP\881B015.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 38

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (UV-sec)	Height (UV)	Delta RT (%)
3	7.013	TCX	20048.33	4925.76	0.0589
13	11.537	BETA-BHC	2500.80	385.47	-0.0285
17	13.998	P,P'-DDE	386.40	86.25	0.1845
20	15.068	ENDRIN	303.60	68.83	0.1546
37	22.932	DCBP	37903.60	5934.72	-0.0119
			61142.73	11401.04	

Chromatogram

Sample Name : 85480 PCB 1060 - 20 NG/ML

FileName : C:\2700\OCP\8818015.raw

Method : 8818

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 8 mV

Sample #:

Date : 12/6/93 11:21 AM

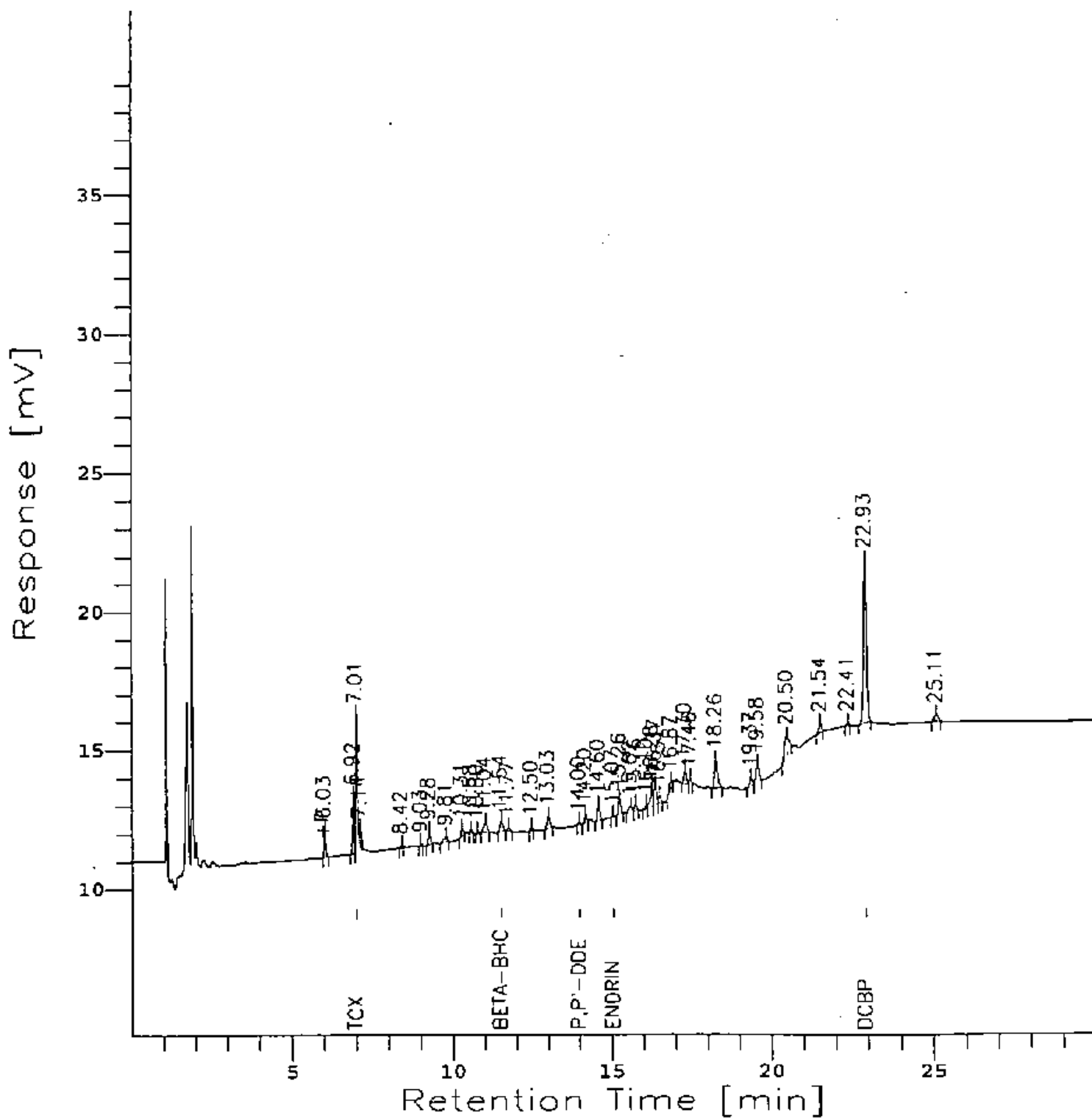
Time of Injection: 12/3/93 10:23 PM

Low Point : 9.30 mV

Plot Scale: 30.0 mV

Page 1 of 1

High Point : 39.30 mV



=====

Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1221 - 500 NG/ML Time : 12/6/93 11:39 AM
 Sample Number: Study :
 Operator : FDR

Instrument : OCP Channel : B A/D mV Range : 1000
 AutoSampler : NONE
 Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 11:00 PM
 Delay Time : 0.00 min.
 End Time : 30.00 min.
 Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B016.RAW
 Result File : C:\2700\OCP\881B016.RST
 Instrument File: 881B
 Process File : c:\2700\ocp\881B.prc
 Sample File : c:\2700\ocp\881B.smp
 Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul Area Reject : 200.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 110 Bunch Factor: 1
 Multiplier : 1.0000 Divisor : 1.0000 Adder : 0.0000

Instrument Conditions:
 INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 26

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (X)
18	11.540	BETA-BHC	3509.16	516.20	-0.0027
			3509.16	516.20	

Chromatogram

49 418

Sample Name : 85468 PCB 1221 - 500 NG/ML

Sample #:

Page 1 of 1

FileName : C:\2700\OCP\8818016.raw

Date : 12/6/93 11:39 AM

Method : 8818

Time of Injection: 12/3/93 11:00 PM

Start Time : 0.00 min

End Time : 30.00 min

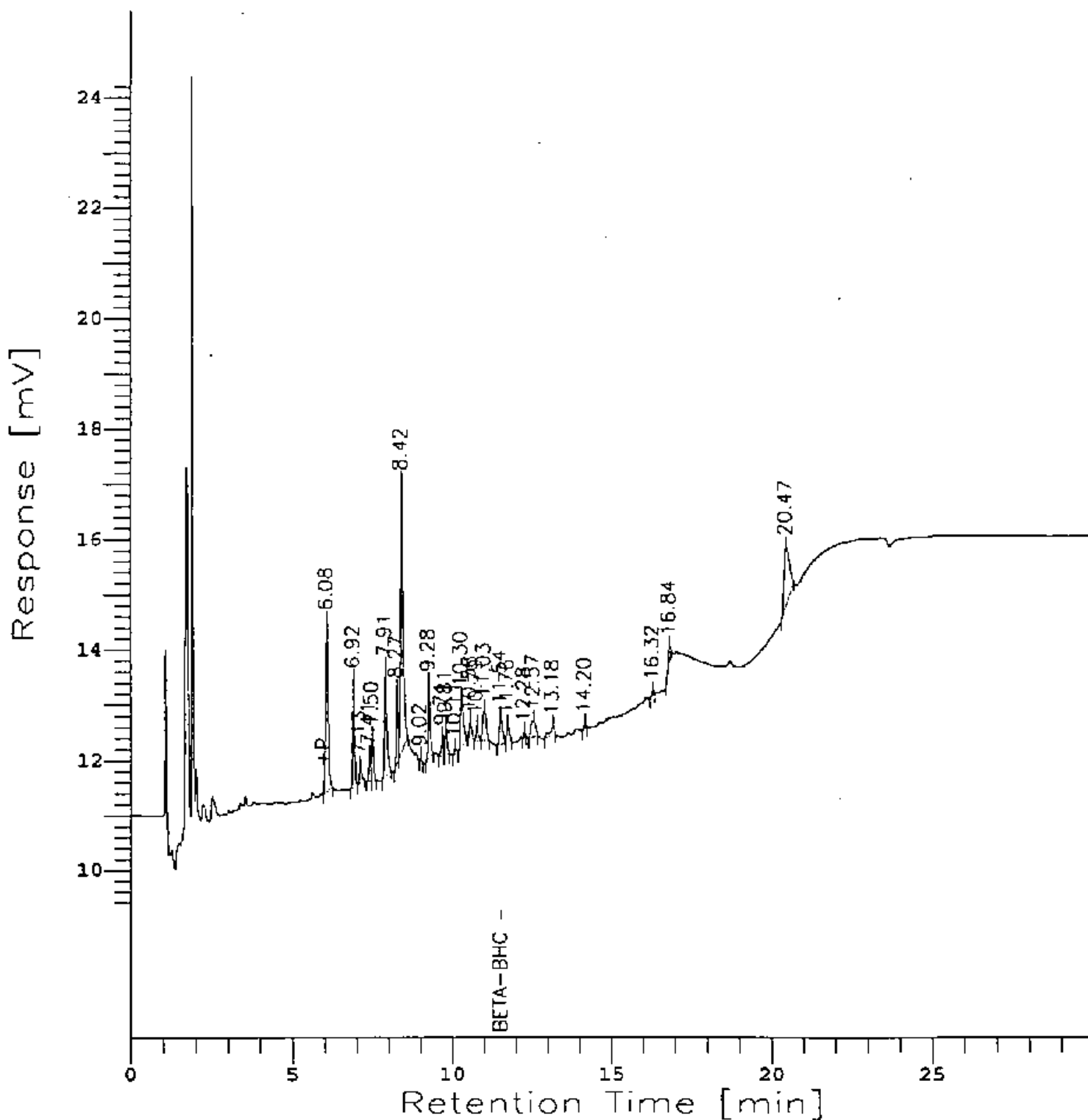
Low Point : 9.27 mV

High Point : 24.40 mV

Scale Factor: 0.0

Plot Offset: 9 mV

Plot Scale: 15.1 mV



002351

=====

Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1232 - 500 NG/MLTime : 12/6/93 11:40 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/3/93 11:38 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B017.RAW

Result File : C:\2700\OCP\881B017.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 40

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (X)
17	10.487	HEPTACHLOR	4196.32	1357.74	-0.0238
21	11.534	BETA-BHC	19020.55	3051.77	-0.0599
23	12.155	DELTA-BHC	2625.52	594.87	-0.2025
			25842.40	5004.38	

Chromatogram

Sample Name : 85468 PCB 1232 - 500 NG/ML

FileName : C:\2700\OCP\8818017.raw

Method : 8818

Start Time : 0.00 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset: 9 mV

Sample #:

Date : 12/6/93 11:40 AM

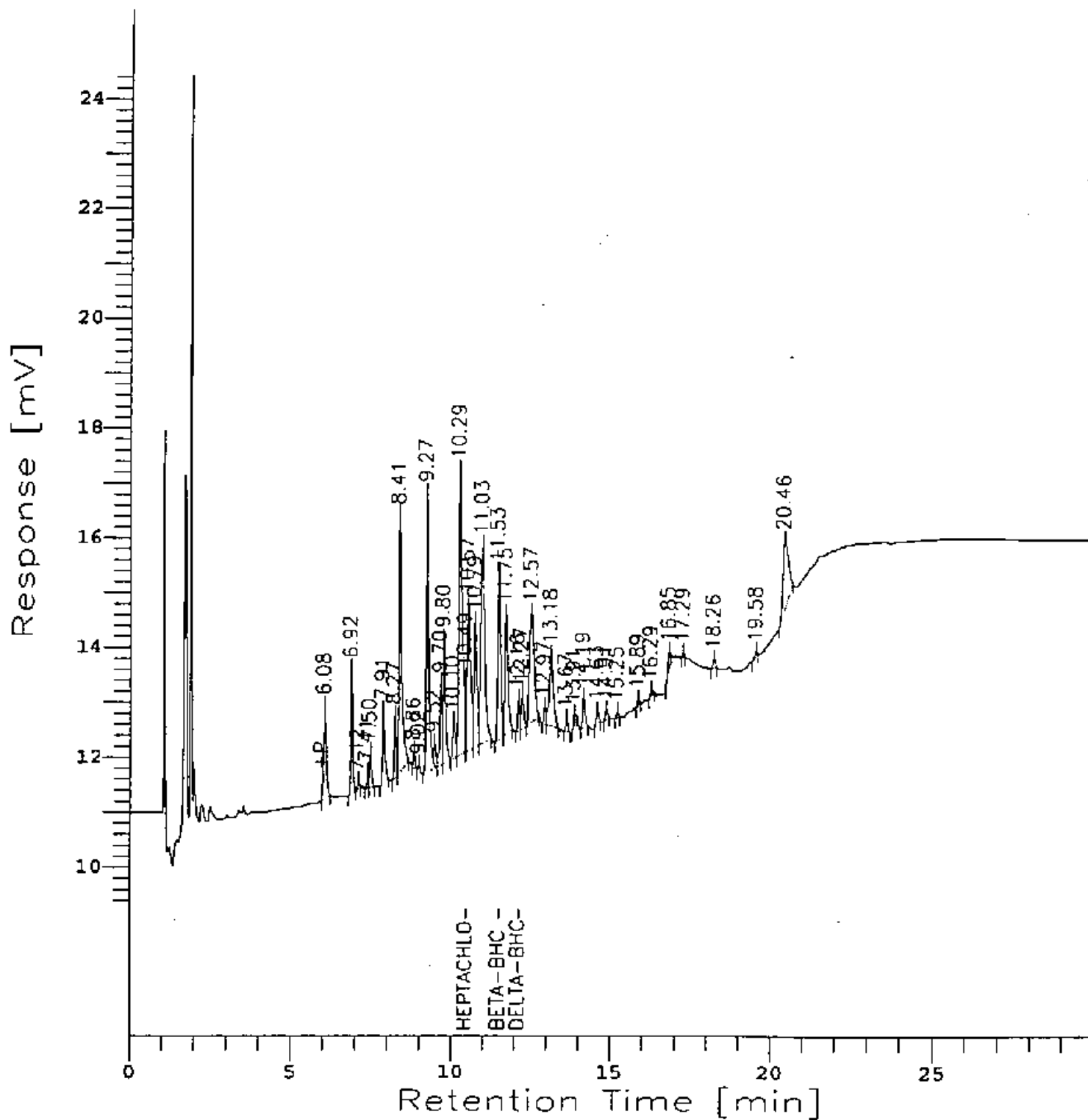
Time of Injection: 12/3/93 11:38 PM

Low Point : 9.26 mV

Plot Scale: 15.2 mV

Page 1 of 1

High Point : 24.44 mV



=====

Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1242 - 500 NG/ML Time : 12/6/93 11:40 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:16 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B018.RAW

Result File : C:\2700\OCP\881B018.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 38

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	Height [UV]	Delta RT [%]
16	10.484	HEPTACHLOR	7528.75	2442.29	-0.0511
20	11.534	BETA-BHC	34817.79	5734.26	-0.0589
22	12.152	DELTA-BHC	5147.40	1149.38	-0.2263
			47493.93	9325.93	

=====

Chromatogram

49 422

Sample Name : B5468 PCB 1242 - 500 NG/ML

FileName : C:\2700\QCP\8818018.raw

Method : 8818

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 9 mV

Sample #:

Date : 12/6/93 11:40 AM

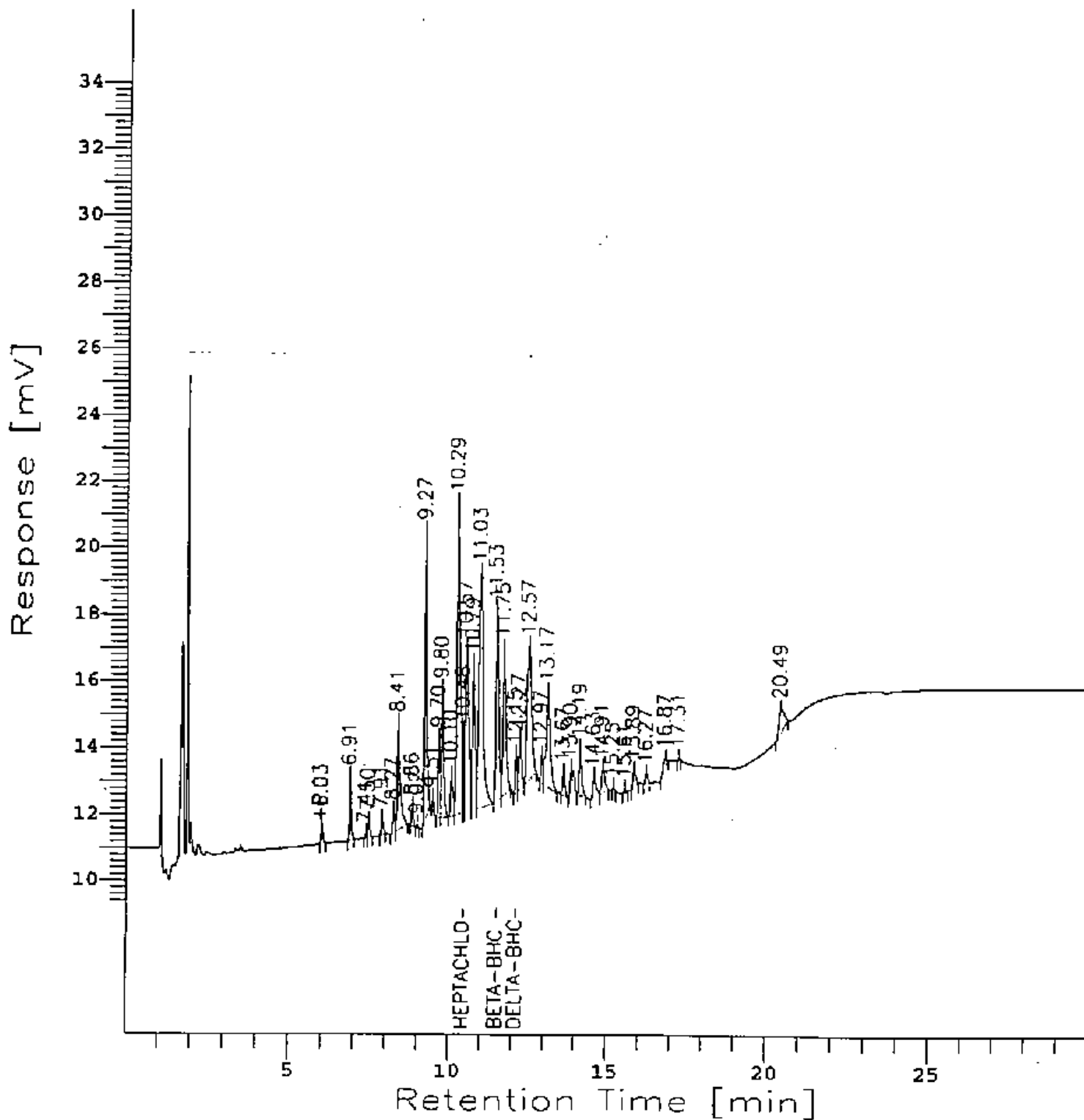
Time of Injection: 12/4/93 12:16 AM

Low Point : 9.20 mV

Plot Scale: 25.0 mV

Page 1 of 1

High Point : 34.20 mV



002355

=====

Software Version: 3.3 <4B11>

Sample Name : 85468 PCB 1248 - 500 NG/ML Time : 12/6/93 11:41 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:53 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B019.RAW

Result File : C:\2700\OCP\881B019.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1.1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 40

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
12	10.486	HEPTACHLOR	10202.32	2450.46	-0.0301
16	11.529	BETA-BHC	62681.72	9935.55	-0.0985
18	12.151	DELTA-BHC	12885.11	2490.91	-0.2318
29	13.963	P,P'-DDE	13798.87	2536.76	-0.0666
			99568.03	17413.68	

Chromatogram

49 424

Sample Name : 85468 PCB 1248 - 500 NG/ML

FileName : C:\270D\DCP\8818019.raw

Method : 8818

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 9 mV

Sample #:

Date : 12/6/93 11:41 AM

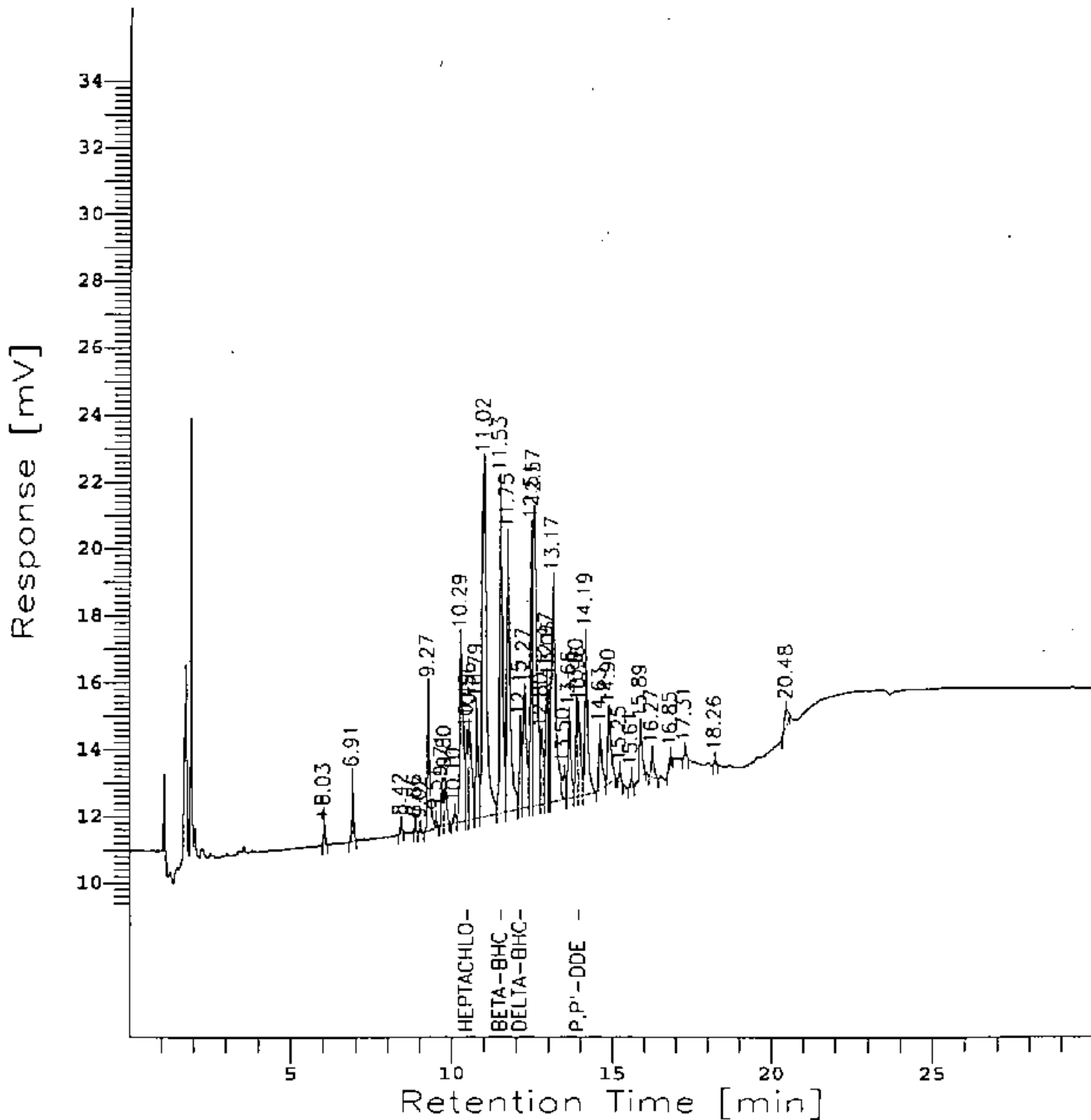
Time of Injection: 12/4/93 12:53 AM

Low Point : 9.20 mV

Plot Scale: 25.0 mV

Page 1 of 1

High Point : 34.20 mV



002357

=====

Software Version: 3.3 <4B11>

Sample Name : 93325 PCB 1254 - 500 NG/ML Time : 12/6/93 11:42 AM

Sample Number: Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 01:31 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B020.RAW

Result File : C:\2700\OCP\881B020.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 46

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [UV-sec]	Height [UV]	Delta RT [%]
2	7.000	TCX	558187.20	150160.78	-0.1310
9	10.487	HEPTACHLOR	286.00	86.89	-0.0276
12	11.529	BETA-BHC	17885.31	3123.80	-0.1044
14	12.154	DELTA-BHC	993.63	188.44	-0.2090
27	15.041	ENDRIN	19090.82	3238.85	-0.0240
33	16.259	P,P'-DDD	99564.36	12518.08	0.2647
45	22.920	DCBP	762943.20	108574.93	-0.0642

1458950.50 277991.77

Chromatogram

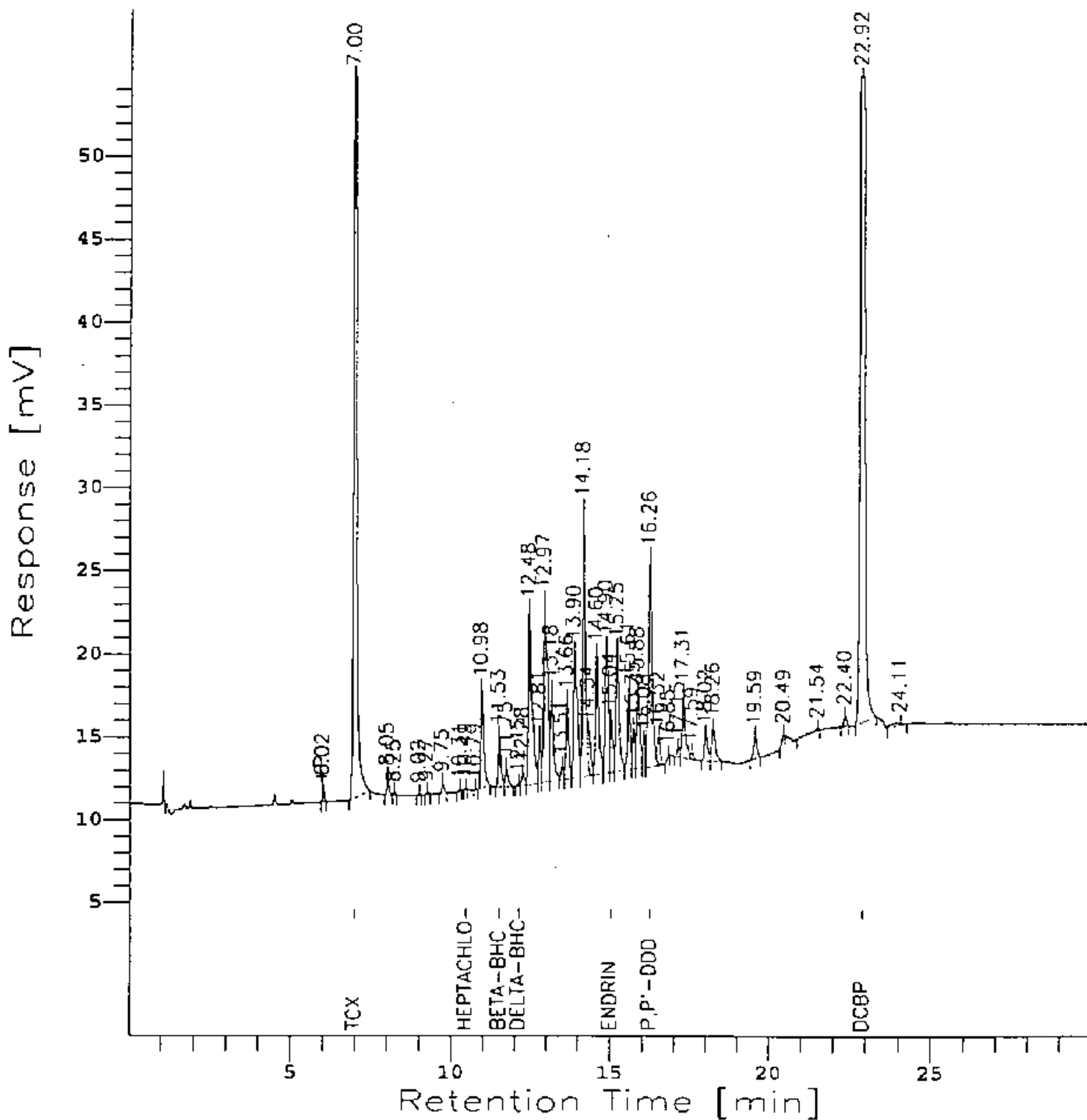
49 426

Sample Name : 93325 PCB 1254 - 500 NG/ML
FileName : C:\2700\OCP\8818020.raw
Method : 8818
Start Time : 0.01 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 5 mV

Sample #:
Date : 12/6/93 11:42 AM
Time of Injection: 12/4/93 01:31 AM
Low Point : 4.62 mV
Plot Scale: 50.2 mV
High Point : 54.86 mV

Page 1 of 1



002359

=====

Software Version: 3.3 <4B11>

Sample Name : HEXANE

Time : 12/6/93 11:42 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 02:08 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B021.RAW

Result File : C:\2700\OCP\881B021.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 8

=====

DATA REPORT

No Peaks Available To Report

Chromatogram

49 428

Sample Name : NEXANE

FileName : C:\2700\DCP\8818021.raw

Method : 8818

Start Time : 0.00 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset: 7 mV

Sample #:

Date : 12/6/93 11:42 AM

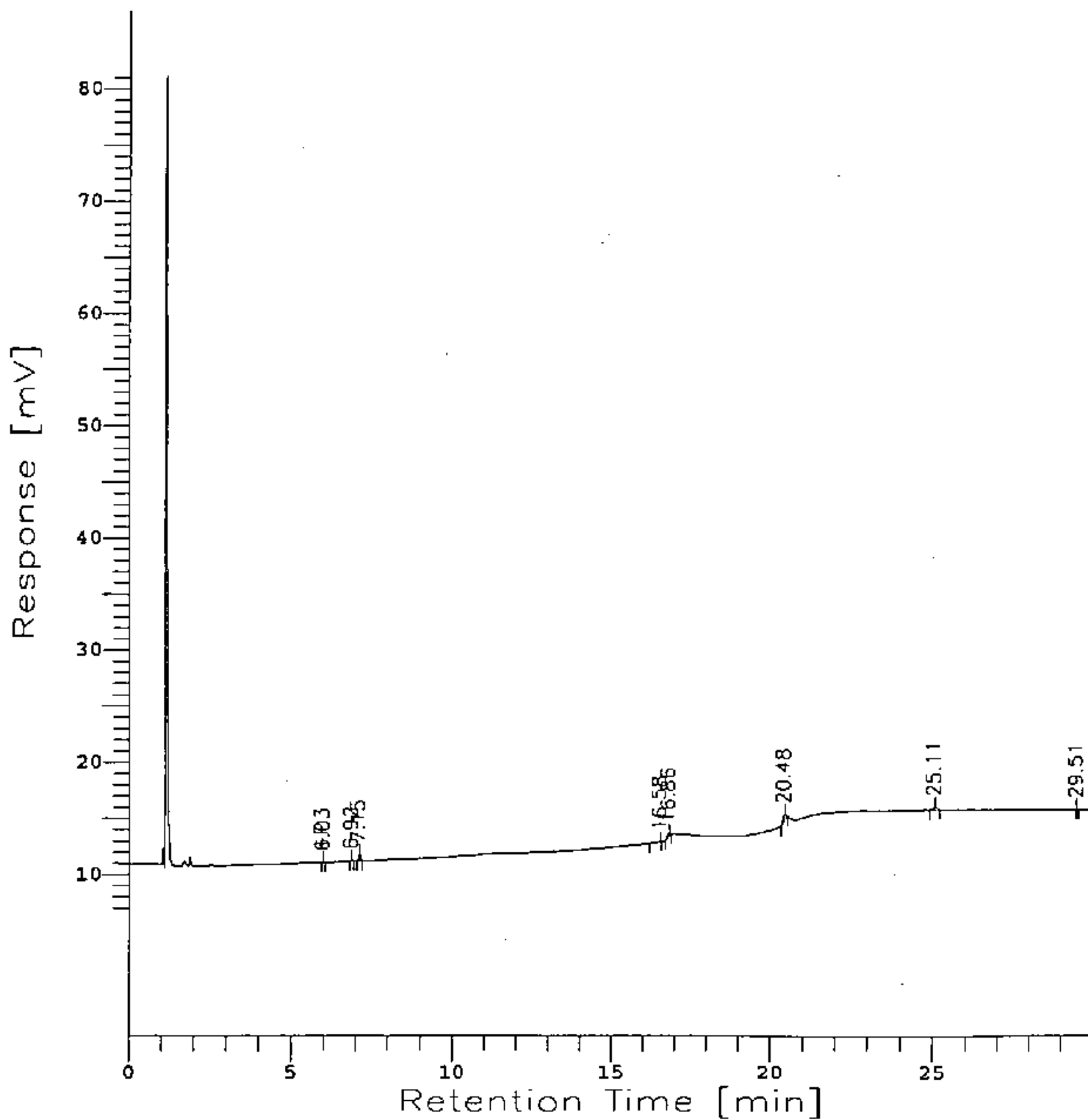
Time of Injection: 12/4/93 02:08 AM

Low Point : 6.90 mV

Plot Scale: 76.3 mV

Page 1 of 1

High Point : 81.16 mV



002361

=====

Software Version: 3.3 <4B11>

Sample Name : CCS*OCP60*1

Time : 12/6/93 11:42 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 07:46 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B030.RAW

Result File : C:\2700\OCP\881B030.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 37

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [s]
2	6.999	TCX	618229.60	165661.35	-0.1451
6	9.099	ALPHA-BHC	187249.60	63379.54	-0.1256
9	9.984	LINDANE	198355.00	65365.52	-0.1306
10	10.478	HEPTACHLOR	246603.82	73011.95	-0.1119
12	11.090	ALDRIN	202220.57	63080.35	-0.1046
14	11.528	BETA-BHC	112093.01	30003.31	-0.1149
17	12.163	DELTA-BHC	168868.43	47019.77	-0.1342
18	12.689	HEPTACHLOR EPOXIDE	209594.45	51492.36	-0.1307
20	13.442	ENDOSULFAM A	200068.60	46596.07	-0.1105
21	13.956	P,P'-DDE	144322.60	27538.00	-0.1148
22	14.442	DIELDRIN	178640.60	41783.78	-0.1114
24	15.029	ENDRIN	166445.00	38550.50	-0.1083
26	16.203	P,P'-DDD	102325.90	19048.94	-0.0806
27	16.401	ENDOSULFAM B	193215.25	40829.76	-0.1054
28	16.721	P,P'-DDT	138312.53	27741.67	-0.0914
30	17.644	ENDRIN ALDEHYDE	149468.20	17003.17	-0.0752
32	18.741	METHOXYCHLOR	362846.00	58213.25	-0.0905
35	22.915	DCBP	860492.20	124086.80	-0.0841

4439551.35 1.000e+06

Chromatogram

49 430

Sample Name : CCS*OCP60*1

FileName : C:\2700\OCP\8818030.raw

Method : 881B

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 9 mV

Sample #:

Date : 12/6/93 11:43 AM

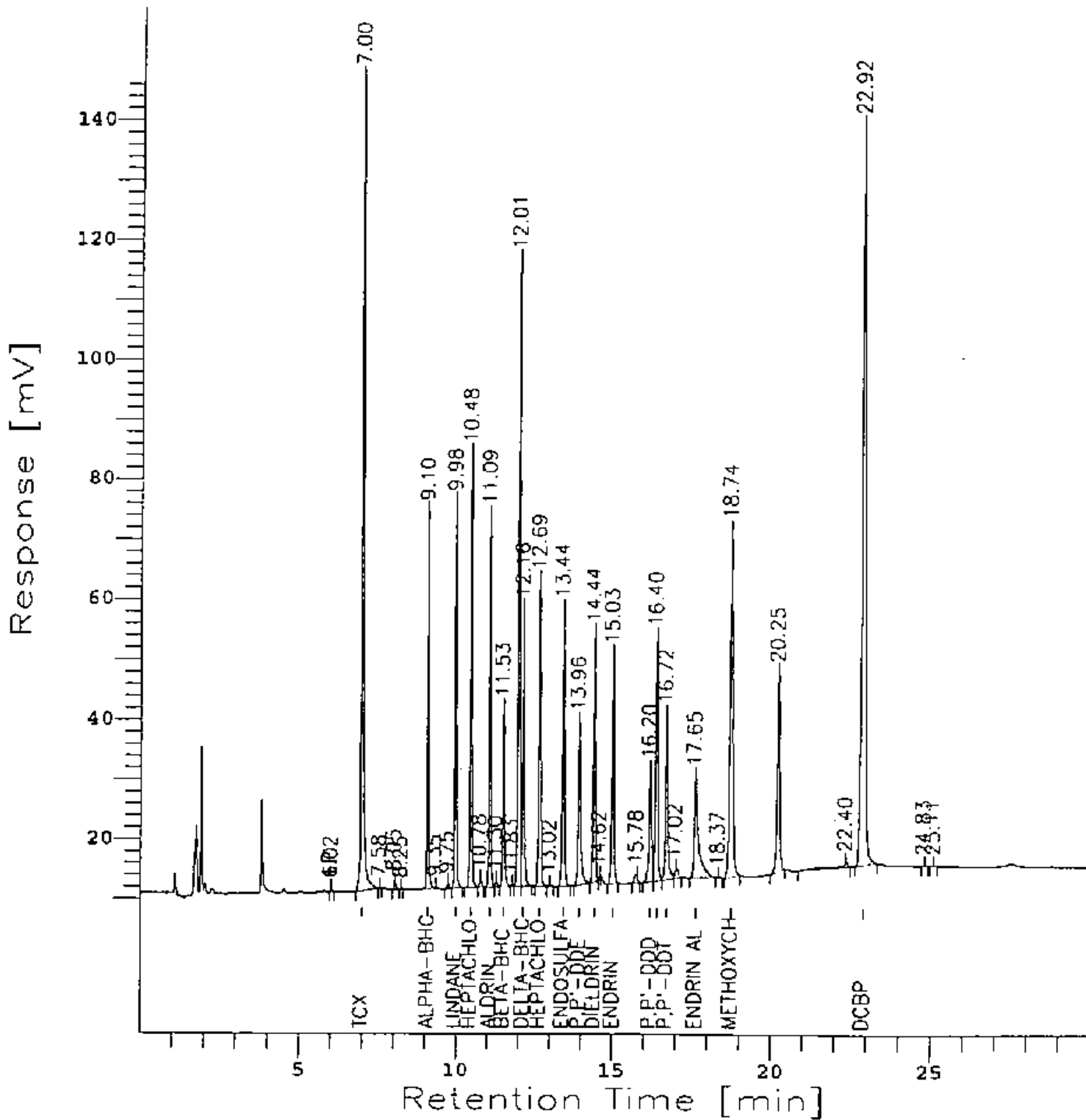
Time of Injection: 12/4/93 07:46 AM

Low Point : 8.67 mV

Plot Scale: 139.0 mV

Page 1 of 1

High Point : 147.69 mV



002363

=====

Software Version: 3.3 <4B11>

Sample Name : HEXANE

Time : 12/6/93 11:43 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B

A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 08:24 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B031.RAW

Result File : C:\2700\OCP\881B031.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.amp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 21

===== DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
12	13.755	ALPHA-CHLORDANE	774.00	165.91	0.2827
			774.00	165.91	

=====

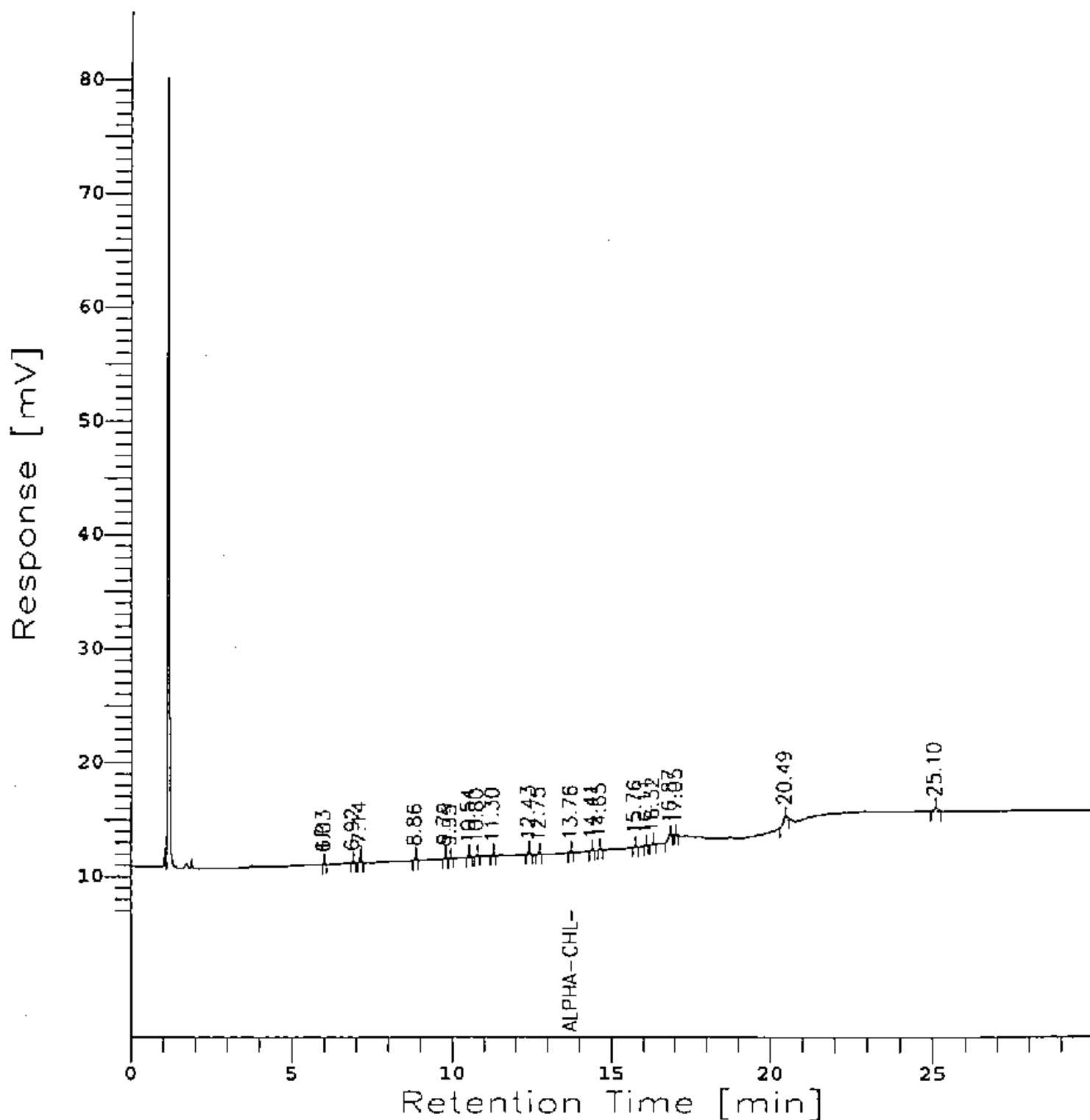
Chromatogram

Sample Name : HEXANE
FileName : C:\2700\DCP\8818031.raw
Method : 8818
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 30.00 min
Plot Offset: 7 mV

Sample #:
Date : 12/6/93 11:43 AM
Time of Injection: 12/4/93 08:24 AM
Low Point : 6.95 mV
Plot Scale: 73.3 mV

Page 1 of 1



=====

Software Version: 3.3 <4B11>

Sample Name : MB*QC*1

Time : 12/6/93 04:35 PM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 09:01 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B032.RAW

Result File : C:\2700\OCP\881B032.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 20

=====

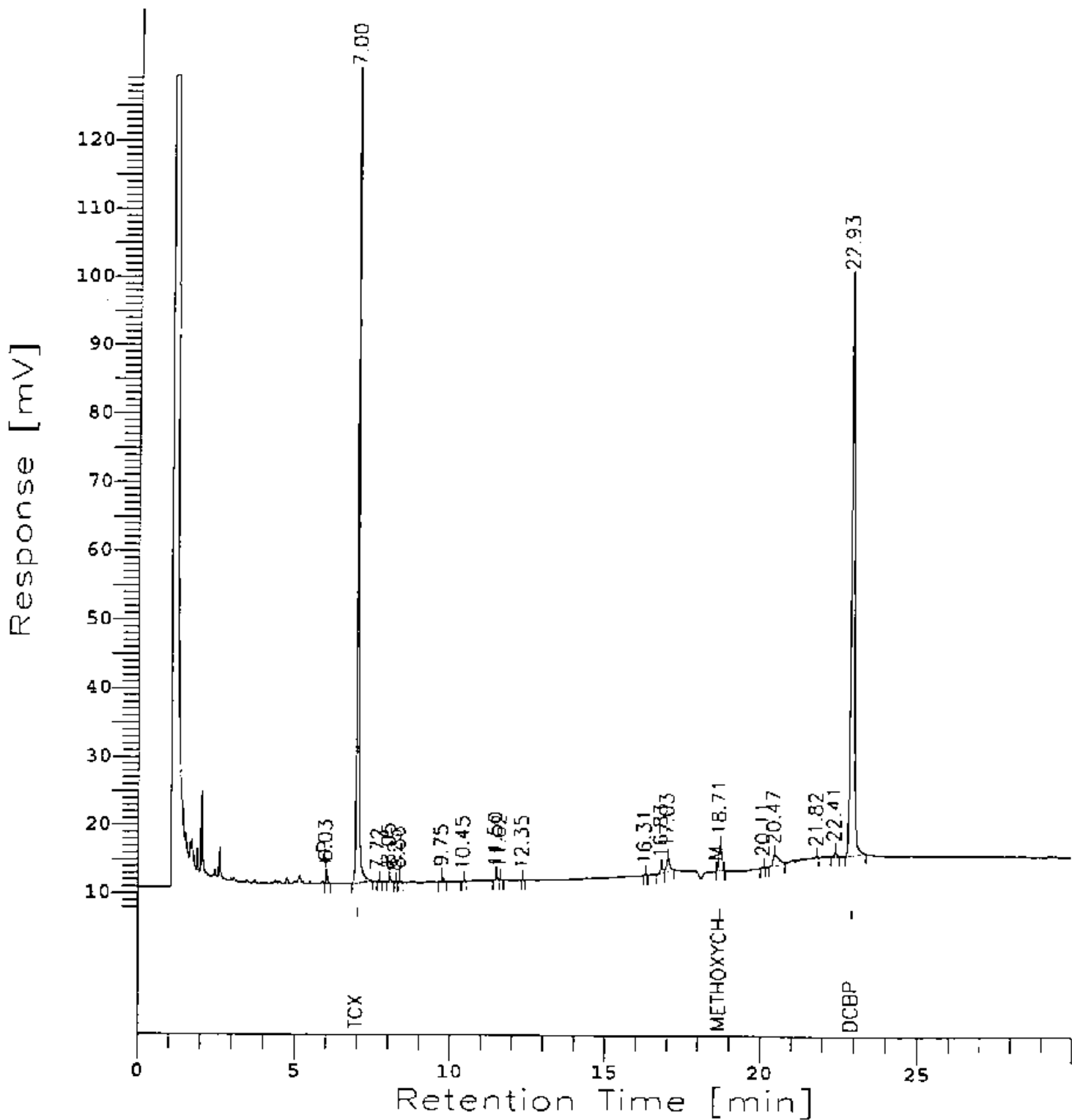
DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
2	7.004	TCX	446442.20	119712.25	-0.0603
15	~~18.741~~	~~METHOXYCHLOR~~	~~24929.20~~	~~3737.05~~	~~0.2545~~
20	22.928	DCBP	586301.40	84059.20	-0.0303
			1057672.80	207509.30	

Sample Name : MB*QC*1
FileName : C:\2700\QCP\881B032.raw
Method : 881B
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 8 mV

Sample # :
Date : 12/6/93 04:35 PM
Time of Injection: 12/4/93 09:01 AM
Low Point : 8.00 mV
Plot Scale: 121.4 mV
High Point : 129.40 mV



002367

=====

Software Version: 3.3 <4B11>

Sample Name : SP1*QC*1 1:5

Time : 12/6/93 04:37 PM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 09:39 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B033.RAW

Result File : C:\2700\OCP\881B033.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prp

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 26

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.014	TCX	68617.20	20293.74	0.0700
8	9.998	LINDANE	15088.00	4381.43	0.0110
9	10.492	HEPTACHLOR	25358.80	7066.26	0.0276
10	11.105	ALDRIN	16783.60	4709.18	0.0331
11	11.507	BETA-BHC	2563.60	567.83	-0.2946
12	12.153	DELTA-BHC	51719.35	10353.31	-0.2152
17	15.047	ENDRIN	45434.40	10529.28	0.0101
18	16.739	P,P'-DDT	33946.00	6435.48	0.0159
21	18.723	METHOXYCHLOR	7551.40	1103.06	-0.1673
25	22.936	DDEP	131180.00	19798.76	0.0044
			398242.35	85238.33	

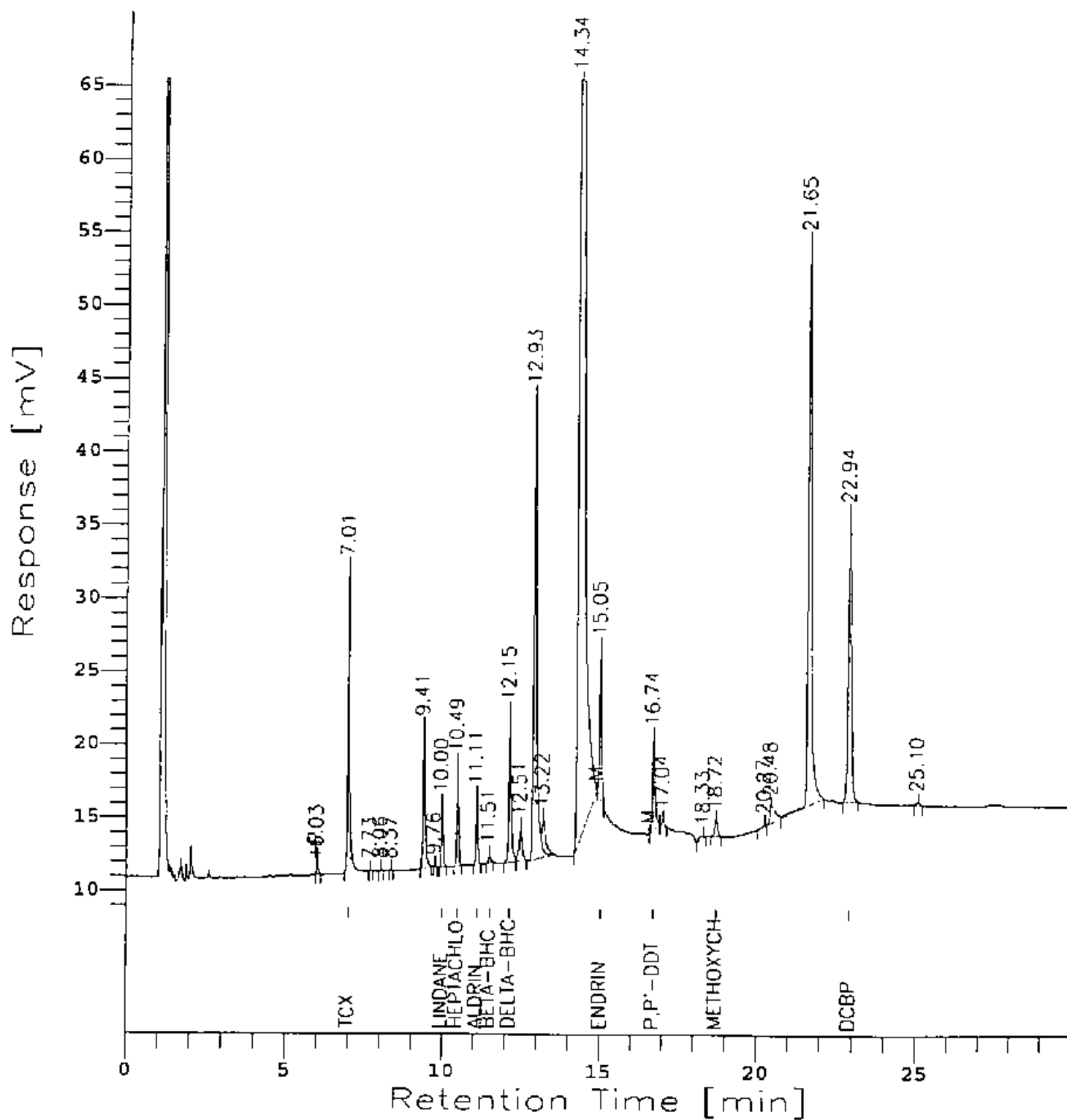
Chromatogram

Sample Name : SP1*OC*1 1:5
FileName : C:\2700\DCP\8818033.raw
Method : 8818
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample # :
Date : 12/6/93 04:37 PM
Time of Injection : 12/4/93 09:39 AM
Low Point : 8.85 mV
Plot Scale : 56.7 mV

Page 1 of 1



002369

=====

Software Version: 3.3 <4B11>

Sample Name : SPM1*CDDMTW*9 1:5

Time : 12/6/93 04:37 PM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 10:17 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B034.RAW

Result File : C:\2700\OCP\881B034.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 28

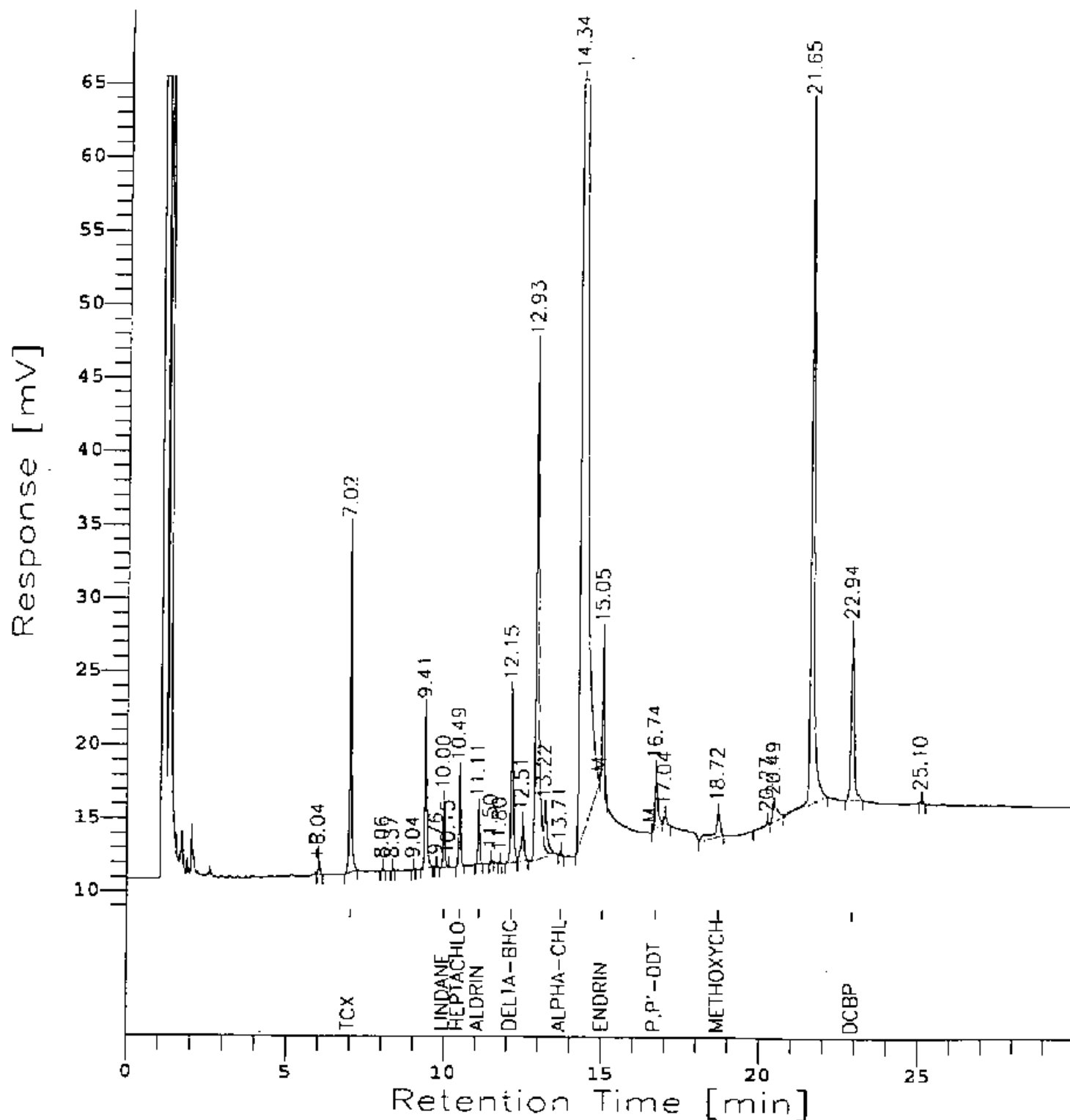
DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.017	TCX	86531.60	23716.26	0.1188
8	10.000	LINDANE	15907.40	4596.82	0.0290
10	10.494	HEPTACHLOR	23244.00	6454.82	0.0450
11	11.106	ALDRIN	13910.40	3857.19	0.0428
14	12.153	DELTA-BHC	58006.90	11744.75	-0.2144
18	13.708	ALPHA-CHLORDANE	1304.40	287.71	-0.1554
20	15.048	ENDRIN	46442.80	10873.58	0.0199
21	16.741	P,P'-DDT	22213.00	4020.22	0.0270
23	18.724	METHOXYCHLOR	21495.40	1678.05	-0.1850
27	22.938	DCBP	79194.80	11688.43	0.0173
			368250.70	78917.82	

Sample Name : SPM1*CD001W*9 1:5
FileName : C:\2700\OCP\8818034.raw
Method : 8818
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample # :
Date : 12/6/93 04:37 PM
Time of Injection: 12/4/93 10:17 AM
Low Point : 8.85 mV
Plot Scale: 56.7 mV
Page 1 of 1
High Point : 65.51 mV



002371

=====

Software Version: 3.3 <4B11>

Sample Name : SPM2*CDDMTW*9 1:5

Time : 12/6/93 04:38 PM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 10:54 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B035.RAW

Result File : C:\2700\OCP\881B035.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 38

=====

DATA REPORT

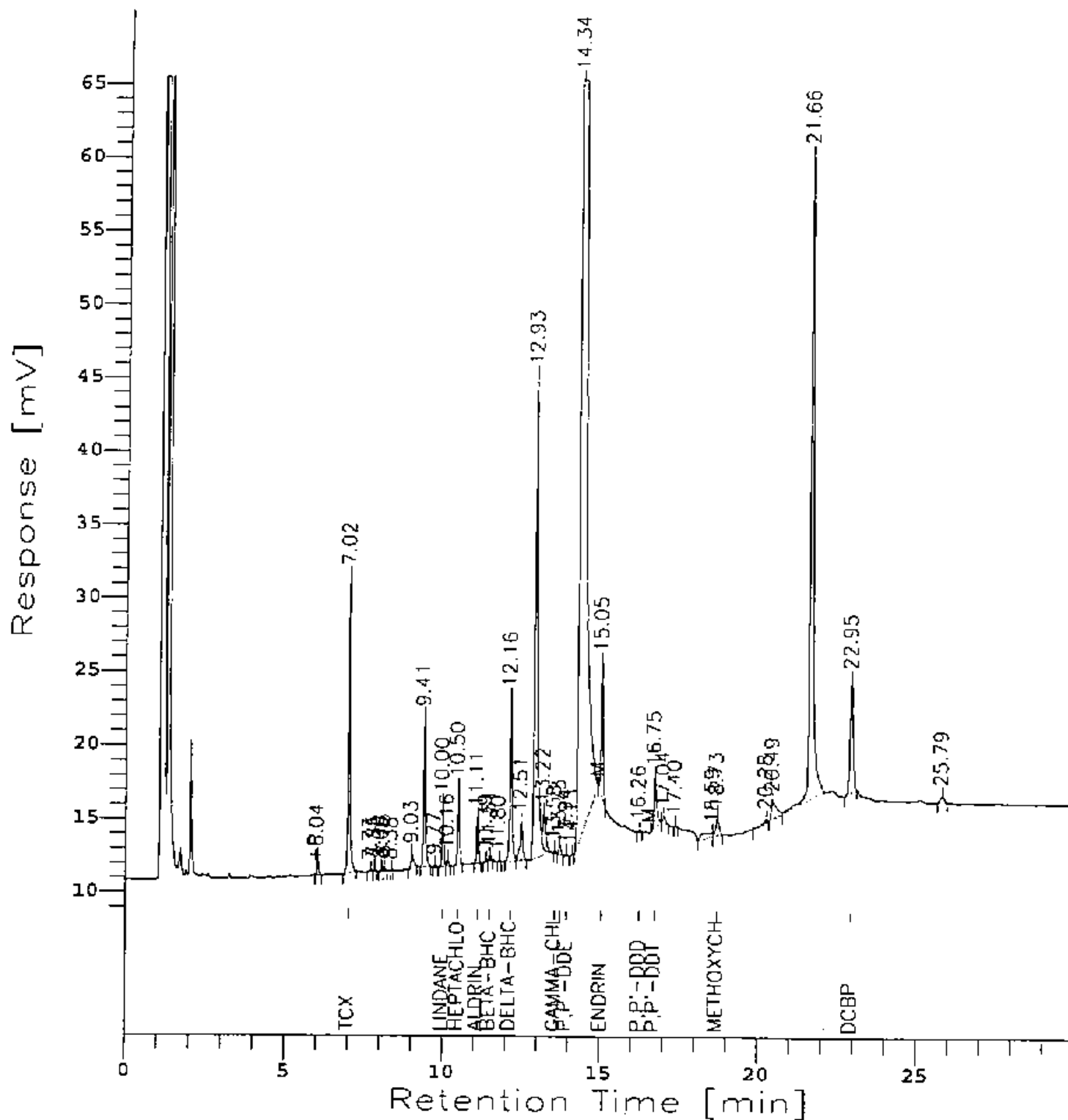
Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.020	TCX	74708.00	20269.23	0.1646
11	10.003	LINDANE	15412.03	4392.35	0.0608
13	10.498	HEPTACHLOR	20143.00	5306.62	0.0777
14	11.110	ALDRIN	11745.40	3198.77	0.0770
16	11.507	BETA-BHC	1338.44	332.54	-0.2969
18	12.158	DELTA-BHC	54056.02	11161.31	-0.1770
22	13.576	GAMMA-CHLORDANE	746.41	213.61	0.0123
23	13.727	ALPHA-CHLORDANE	3354.99	686.51	-0.0170
24	13.940	P,P'-DDE	623.20	146.66	-0.2264
27	15.052	ENDRIN	40350.80	9190.68	0.0491
28	16.255	P,P'-DDD	331.80	62.71	0.2400
29	16.745	P,P'-DDT	20089.60	3322.07	0.0529
33	18.727	METHOXYCHLOR	8941.72	1198.64	-0.1658
37	22.949	DCBP	49421.20	7674.68	0.0621
			301262.61	67366.58	

=====

Sample Name : SPM2*EDDMTW*9 1:5
FileName : C:\2700\DCP\8818035.raw
Method : 8818
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 9 mV

Sample # :
Date : 12/6/93 04:38 PM
Time of Injection: 12/4/93 10:54 AM
Low Point : 8.85 mV
Plot Scale: 56.7 mV
High Point : 65.51 mV



=====

Software Version: 3.3 <4B11>

Sample Name : CDDMTW*9

Time : 12/6/93 04:40 PM

Sample Number:

Study :

Operator : PDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 11:32 AM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B036.RAW

Result File : C:\2700\OCP\881B036.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 76

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
5	7.016	TEX	286184.45	86635.13	0.1014
23	10.476	HEPTACHLOR	12850.80	3142.97	0.1495
26	13.106	ALDRIN	2836.00	847.41	0.0172
32	12.205	DELTA DHO	533.99	178.04	0.2895
36	13.710	HEPTACHLOR EPOXIDE	781.20	248.67	0.1057
40	13.454	ENDOSULFAN A	931.00	170.94	0.0226
41	12.582	GAMMA-CHLORDANE	2440.00	711.06	0.0546
42	13.710	ALPHA-CHLORDANE	18091.28	3487.71	0.0745
43	13.043	P,P'-DDE	4511.00	1085.97	0.2137
47	15.083	ENDRIN	3530.40	1287.85	0.2706
59	18.727	METHOXYCHLOR	33806.20	5300.89	0.1484
69	22.948	DCBP	177888.40	26926.20	0.0608

545641.24 129985.76

Chromatogram

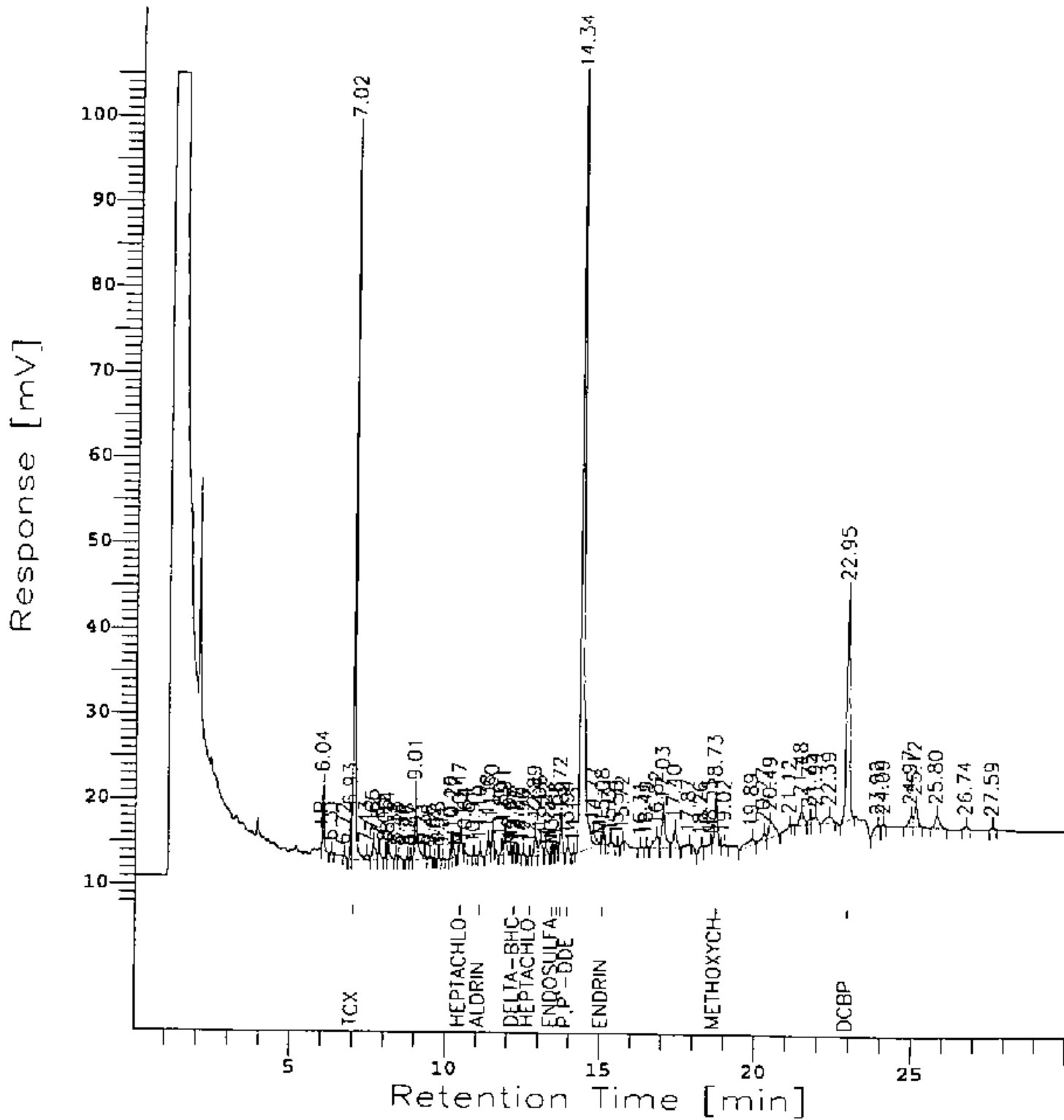
49 442

Sample Name : DDDHTW*9
FileName : C:\2700\DCP\8818036.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 8 mV

Sample #:
Date : 12/6/93 04:40 PM
Time of Injection: 12/4/93 11:32 AM
Low Point : 7.70 mV
Plot Scale: 97.3 mV

Page 1 of 1



002375

=====

Software Version: 3.3 <4B11>

Sample Name : CDDMTW*10

Time : 12/6/93 04:41 PM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:09 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B037.RAW

Result File : C:\2700\OCP\881B037.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 75

===== DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [X]
6	7.020	TCX	283588.00	82024.84	0.1679
27	10.477	HEPTACHLOR	9128.08	1418.11	0.1171
31	14.118	ALDRIN	4080.20	815.31	0.0793
39	12.749	HEPTACHLOR EPOXYDE	648.71	188.78	0.1084
44	13.588	BAMMA-CHLORDANE	1814.88	599.32	0.0858
45	13.729	ALPHA-CHLORDANE	6311.28	1260.83	0.0880
46	15.978	P,P'-DDE	7923.60	1749.13	0.0629
54	16.227	P,P'-DD	22755.60	4608.17	0.0646
55	16.749	P,P'-DDT	11019.60	2510.06	0.0744
61	18.723	METHOXYCHLOR	04543.58	15824.83	0.1359
67	22.955	DCBP	95092.20	13972.15	0.0880

536903.41 122089.92

Sample Name : CDDMTW10

FileName : C:\2700\QCP\8818037.raw

Method : 8818

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 7 mV

Sample #:

Date : 12/6/93 04:42 PM

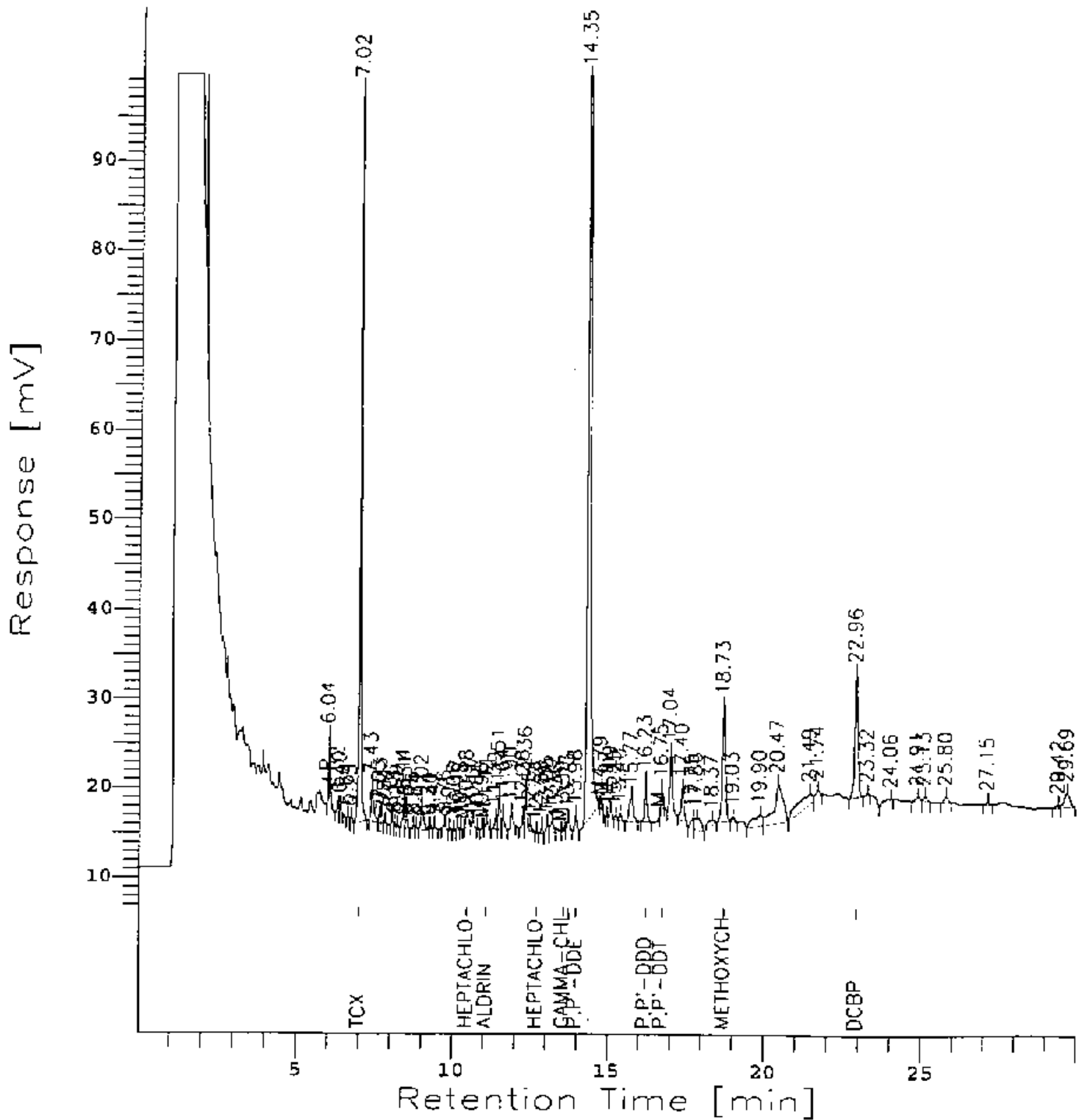
Time of Injection: 12/4/93 12:09 PM

Low Point : 6.76 mV

Plot Scale : 92.9 mV

Page 1 of 1

High Point : 99.69 mV



002377

=====

Software Version: 3.3 <4B11>

Sample Name : CDDMTW*11

Time : 12/6/93 04:43 PM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 12:47 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B038.RAW

Result File : C:\2700\OCP\881B038.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 59

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)	
7	7.022	TCX	278259.96	82386.63	0.1827	
34	13.600	CANNA-CHLORDANE	1139.88	260.10	0.1820	< PL
35	13.878	alpha-DDT	3286.29	614.82	0.8398	NC
37	15.082	ENDRIN	341.80	94.37	0.2470	NC
41	16.764	P,P'-DDT	3812.20	875.42	0.1685	
46	18.733	METHOXYHEXOR	49884.46	7409.70	0.1343	NC
53	22.956	DCBP	94251.33	12815.73	0.0952	
			430894.89	104455.91		

=====

Chromatogram

49 446

Sample Name : CDDKTM*11

FileName : C:\2700\QCP\B818038.raw

Method : BB18

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 9 mV

Sample #:

Date : 12/6/93 04:43 PM

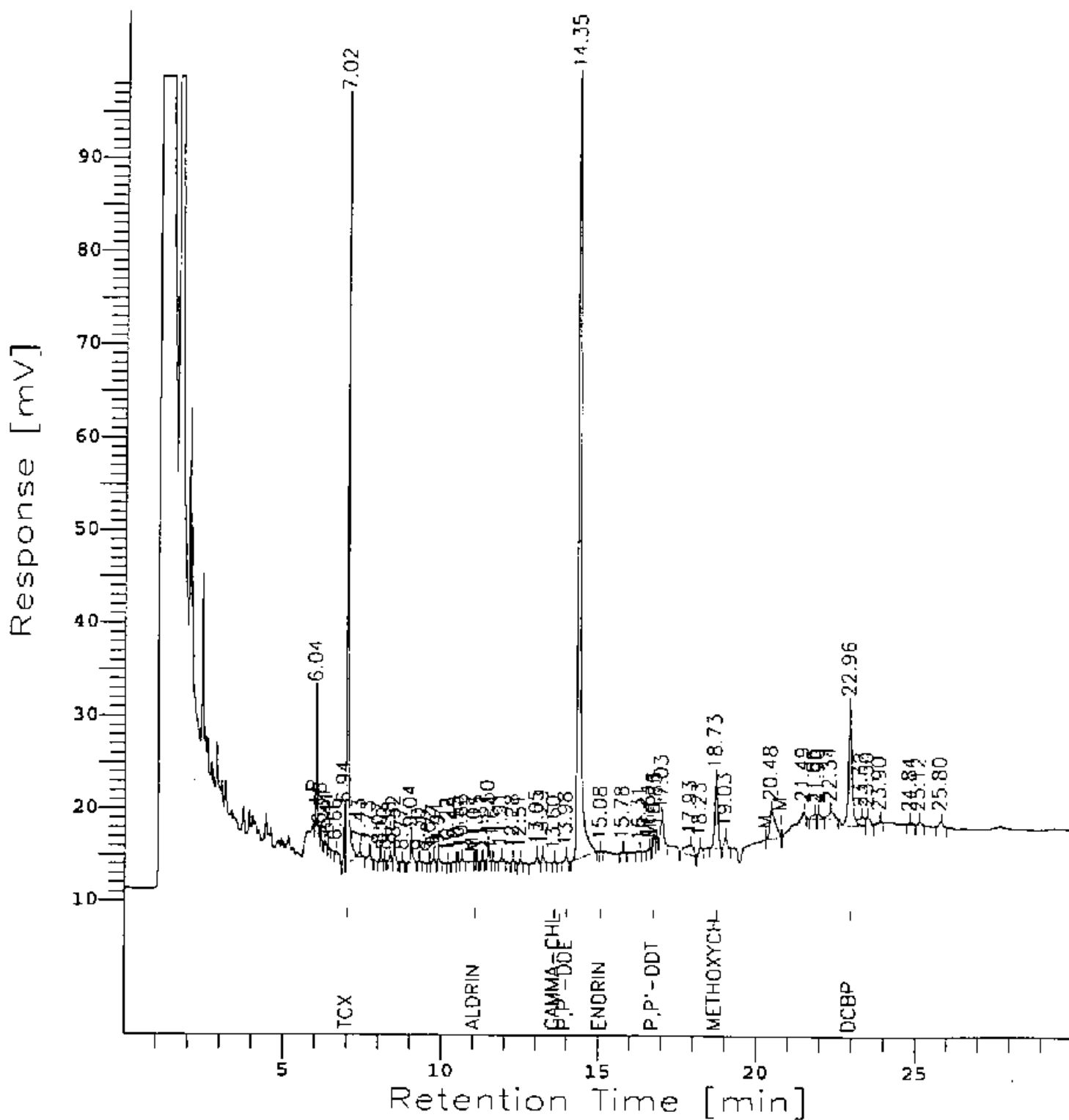
Time of Injection: 12/4/93 12:47 PM

Low Point : 9.25 mV

Plot Scale: 89.6 mV

Page 1 of 1

High Point : 98.84 mV



002379

=====

Software Version: 3.3 <4B11>

Sample Name : CDDMTW*12

Time : 12/6/93 04:44 PM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 01:24 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B039.RAW

Result File : C:\2700\OCP\881B039.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 56

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (%)
4	7.021	TCX	441816.80	131998.46	0.1820
23	11.507	BETA-BHC	7982.26	1912.43	0.2930
27	12.723	METHYLCHLOR EPOXIDE	3280.00	1439.01	0.1387
31	13.587	GAMMA-CHLORDANE	2977.68	884.13	0.0946
32	13.733	ALPHA-CHLORDANE	12418.00	2668.35	0.0161
33	13.944	P,P'-DDE	2546.06	655.76	0.2382
36	15.087	ENDRIN	6128.40	1587.44	0.2813
38	16.264	P,P'-DDD	2097.80	311.26	0.2770
44	18.736	METHYLCHLOR	39718.08	6059.52	0.1213
51	22.954	DCBP	179306.00	28548.57	0.0856
			698365.66	176065.54	

=====

Sample Name : CDDMTV*12

FileName : C:\2700\DCP\8818039.raw

Method : 881B

Start Time : 0.00 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 9 mV

Sample #:

Date : 12/6/93 04:44 PM

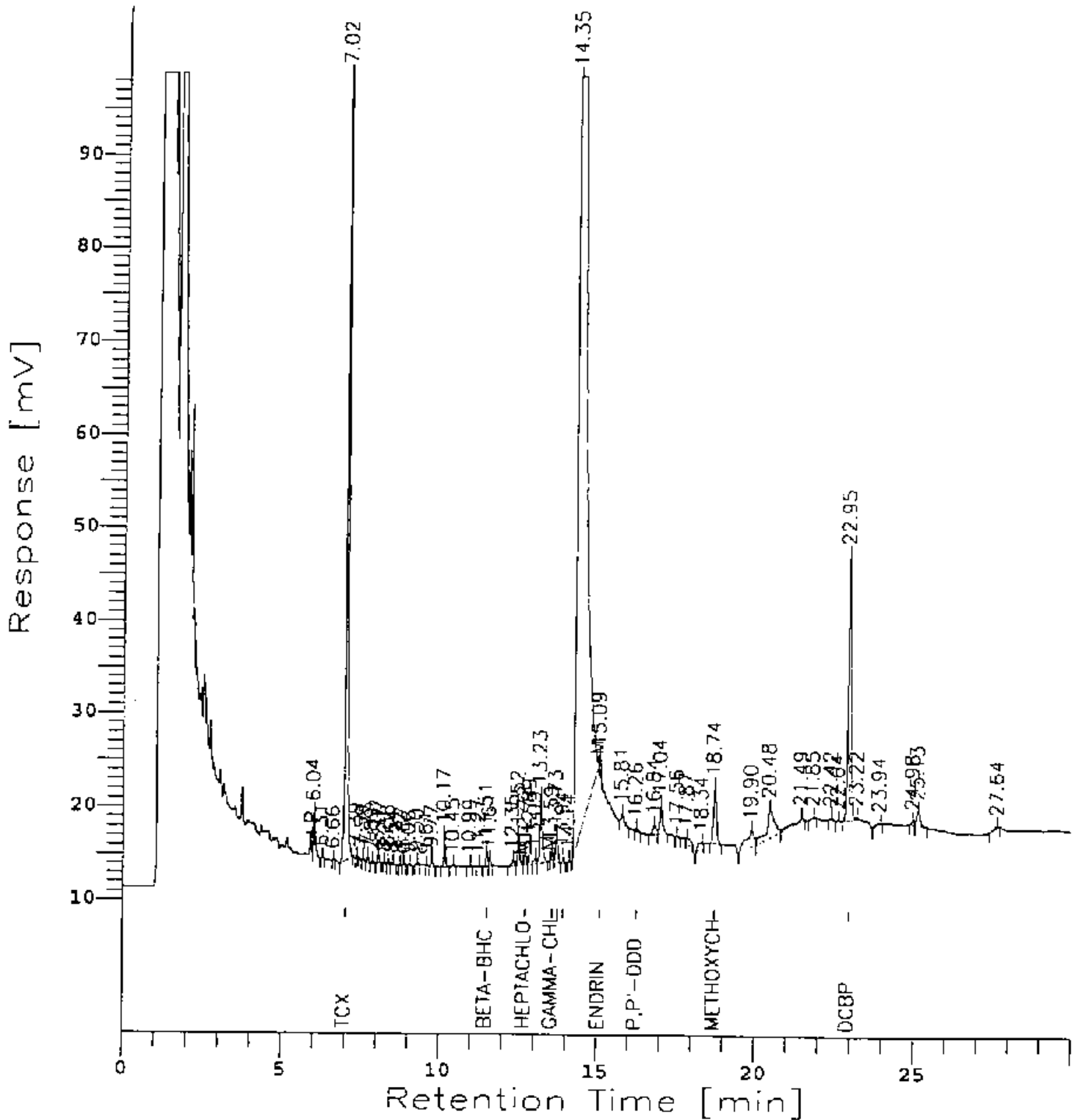
Time of Injection: 12/4/93 01:24 PM

Low Point : 9.25 mV

Plot Scale: 89.6 mV

Page 1 of 1

High Point : 98.84 mV



002381

=====

Software Version: 3.3 <4B11>

Sample Name : CCS*OCP60*2

Time : 12/6/93 11:44 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 07:03 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B048.RAW

Result File : C:\2700\OCP\881B048.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 40

=====

DATA REPORT

Peak #	Ret Time [min]	Component Name	Area [uV-sec]	Height [uV]	Delta RT [%]
2	7.016	TCX	620019.40	186772.57	0.1015
8	9.116	ALPHA-BHC	199487.33	71300.45	0.0611
11	10.001	LINDANE	206637.40	71948.30	0.0425
12	10.496	HEPTACHLOR	245129.60	76750.79	0.0653
13	11.109	ALDRIN	203076.80	64569.99	0.0682
14	11.544	BETA-BHC	114147.41	33587.54	0.0308
17	12.184	DELTA-BHC	180463.19	54203.62	0.0353
18	12.712	HEPTACHLOR EPOXIDE	208484.00	54070.52	0.0540
20	13.466	ENDOSULFAN A	197809.60	48181.71	0.0671
21	13.973	P,P'-DDE	154762.20	35810.25	0.0076
22	14.468	DIELDRIN	176322.73	43058.11	0.0694
24	15.053	ENDRIN	165216.00	40021.00	0.0550
25	16.222	P,P'-DDD	103161.57	23722.64	0.0341
26	16.427	ENDOSULFAN B	180013.23	41285.75	0.0566
27	16.745	P,P'-DDT	134441.60	29703.92	0.0524
29	17.672	ENDRIN ALDEHYDE	141093.00	16692.35	0.0691
31	18.771	METHOXYCHLOR	368259.80	62664.78	0.0671
37	22.946	DCBP	838397.20	125734.12	0.0512

4436922.05 1.080e+06

Chromatogram

49 450

Sample Name : CES*OCP60*2

FileName : C:\2700\OCP\B818048.raw

Method : 8818

Start Time : 0.01 min

Scale Factor : 0.0

End Time : 30.00 min

Plot Offset : 8 mV

Sample #:

Date : 12/6/93 11:44 AM

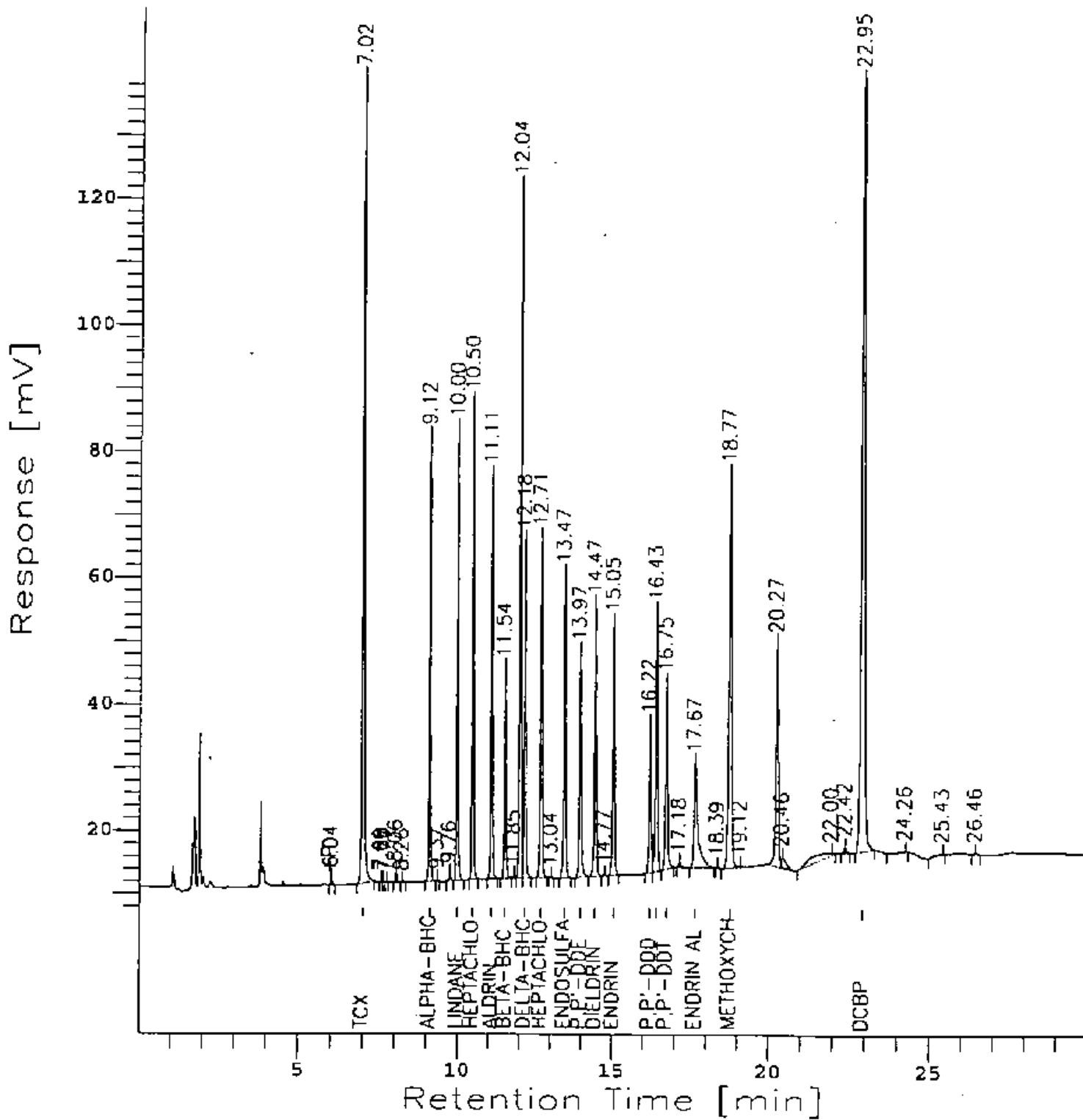
Time of Injection: 12/4/93 07:03 PM

Low Point : 7.92 mV

Plot Scale: 131.7 mV

Page 1 of 1

High Point : 139.64 mV



002383

=====

Software Version: 3.3 <4B11>

Sample Name : CCS*OCP60*3

Time : 12/6/93 11:43 AM

Sample Number:

Study :

Operator : FDR

Instrument : OCP

Channel : B A/D mV Range : 1000

AutoSampler : NONE

Rack/Vial : 0/0

Interface Serial # : 9006570352 Data Acquisition Time: 12/4/93 07:40 PM

Delay Time : 0.00 min.

End Time : 30.00 min.

Sampling Rate : 2.5000 pts/sec

Raw Data File : C:\2700\OCP\881B049.RAW

Result File : C:\2700\OCP\881B049.RST

Instrument File: 881B

Process File : c:\2700\ocp\881B.prc

Sample File : c:\2700\ocp\881B.smp

Sequence File : C:\2700\OCP\881B.seq

Inj. Volume : 1 ul

Area Reject : 200.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 110

Bunch Factor: 1

Multiplier : 1.0000

Divisor : 1.0000

Adder : 0.0000

Instrument Conditions:

INSTRUMENT:3643A09841 DB-608

Total Number of Peaks Detected: 43

=====

DATA REPORT

Peak #	Ret Time (min)	Component Name	Area (uV-sec)	Height (uV)	Delta RT (s)
2	7.017	TCX	602114.00	181851.83	0.1138
7	9.117	ALPHA-BHC	192888.00	69687.78	0.0779
10	10.003	LINDANE	199802.20	71325.49	0.0606
12	10.498	HEPTACHLOR	235775.00	75083.56	0.0779
14	11.110	ALDRIN	194018.00	63674.52	0.0798
16	11.547	BETA-BHC	109465.19	32820.99	0.0537
19	12.185	DELTA-BHC	175199.47	52205.33	0.0478
21	12.714	HEPTACHLOR EPOXIDE	202165.60	53092.18	0.0716
22	13.467	ENDOSULFAN A	192124.80	48563.65	0.0781
23	13.755	ALPHA-CHLORDANE	703.60	159.65	0.1869
24	13.976	P,P'-DDE	148276.00	34302.39	0.0263
25	14.467	DTELDRI	168309.60	41449.26	0.0658
27	15.055	ENDRI	158713.20	38269.09	0.0636
29	16.222	P,P'-DDD	100328.96	22695.92	0.0375
30	16.427	ENDOSULFAN B	177351.84	40355.16	0.0554
31	16.745	P,P'-DDT	133620.89	28811.36	0.0503
34	17.671	ENDRI ALDEHYDE	140296.40	16969.40	0.0644
36	18.771	METHOXYCHLOR	360448.00	62409.21	0.0680
41	22.947	DCBP	803584.00	123405.07	0.0563

4295184.76 1.057e+06

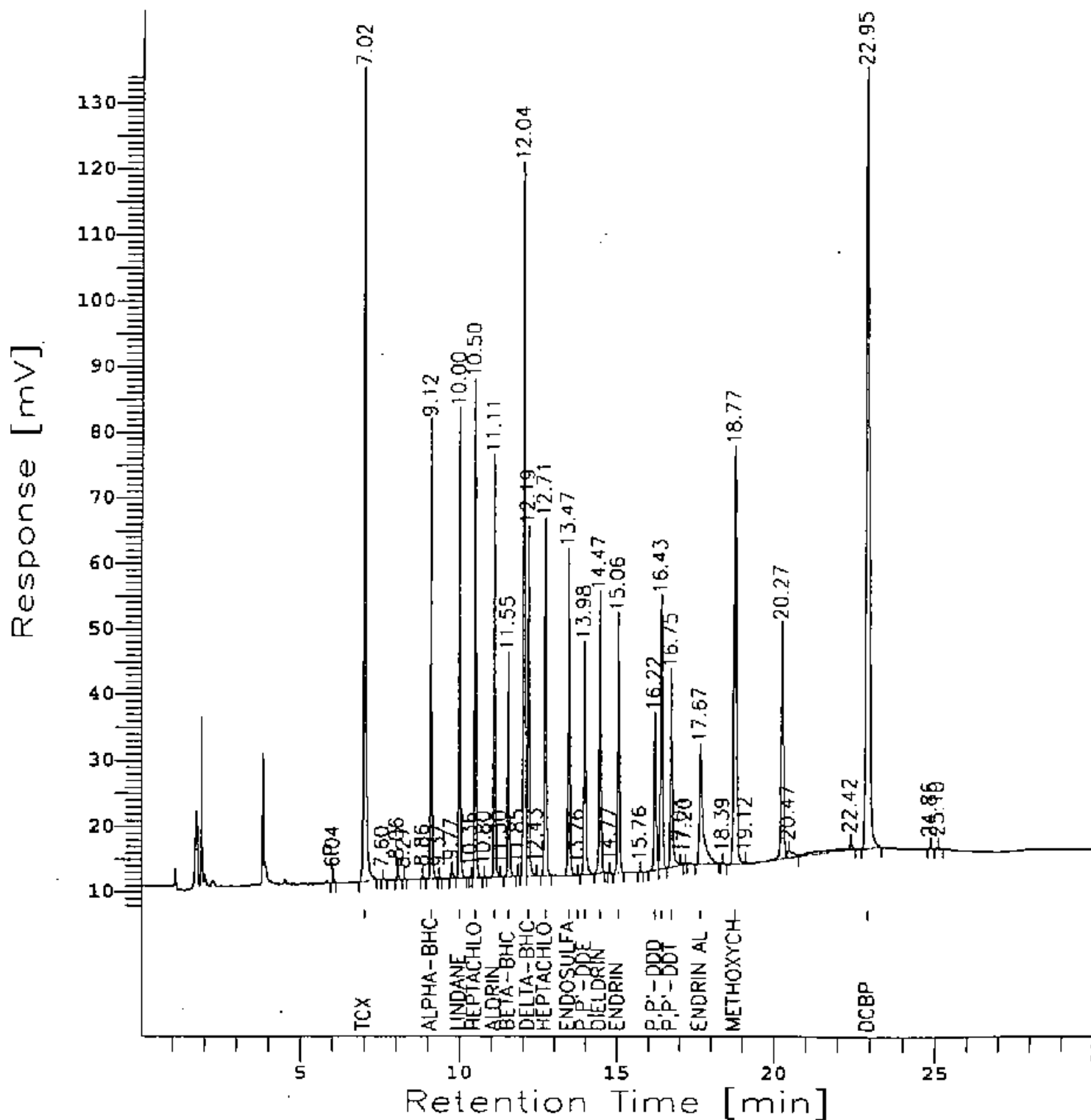
Chromatogram

Sample Name : CCS*OCP60*3
Filename : C:\2700\OCP\6816049.raw
Method : 8818
Start Time : 0.01 min
Scale Factor : 0.0

End Time : 30.00 min
Plot Offset : 7 mV

Sample # :
Date : 12/6/93 11:43 AM
Time of Injection: 12/4/93. 07:40 PM
Low Point : 7.31 mV
Plot Scale : 127.0 mV
High Point : 134.31 mV

Page 1 of 1



002385

ESE ENVIRONMENTAL SCIENCE AND ENGINEERING, INC.

ORGANIC LABORATORY/EXTRACTION LOG SHEET

PROJECT: Huntsville Coe DDM T
 PROJECT NO.: 77340826-0201 CASE NO.: N/A
 EXTRACTORS: 7722730/1M CLEANUP: applied silica
 DATE: 11/18/93 TIME: 2:45 PM
 EXTRACTION METHOD: 8080/8140 Completely Combined
 SAMPLE FRACTION: Per PFD
 CHECKED BY: N/A
 BALANCE USED: N/A

SAMPLE NO.	VOLUME - ml MASS - gr.	INITIAL FINAL pH	TYPE/DATE OF CLEANUP	FINAL VOL SOLVENT	BURRO- GATE ADDED Y/N	COMMENTS
10	1000 ml	2	applied silica	1 ml Hex	Y	1.0 ml TCE/DCBP to all
11	↓	↓	↓	↓	↓	1000 ml 1M Acetone Spike 1.0 ml
12	↓	↓	↓	↓	↓	CFS 933:22 11-10-93
9MS	500 ml	↓	↓	↓	↓	1.0 ml TPP H ₂ O Sum to all
9MS	500 ml	↓	↓	↓	↓	8416 29 ml FDR 954:29
SPK	1000 ml	↓	↓	↓	↓	11/01/93
BLK	↓	↓	↓	↓	↓	1.0 ml OCP H ₂ O (2-5) to
						9MS/D1 SPK 735:38 5-21-93
						2 of 3 735:38 ml H ₂ O USB
						1.0 ml NP H ₂ O Spike to 9MS/D1
						7/15/93 Acetone FDR 670:83
						Acetone N/A
						Spike: N/A
						withered: N/A
CHAIN OF CUSTODY RECORD						

066

423
BOOK NO:

002386

CDDMTlv. 7-12, 93

8090/8190
frabm:ee
cont. Expoured up 1000 ml samples
checked pH = 7

then added WFF 11/18/93

spiked
run started at 3:30pm 11/18/93

1) Run off at 9:30 AM 11-19-93.

2) Passed up into KO's/receivers thru silene treated glass wool
and NaSO₄ funnels.

3) Conc to ~ 10 ml.

4) Placed in Fridge 29

CAG 11-19-93

Solvent changed to Hexane, brought to 5.8 ml in storage vials.
BMD 11-22-93

Continued on Page


Signed

 11/18/93
Date

Read and Understood By


Signed

002387

Date

SAMPLES: CDDMTW. 9-12, 9CSAMPLE FRACTION: EC

EXTRACTION SOLVENT: Methylene Chloride

NP / OCP H2O BY CONT. EXT.

11/18/93

1. Set up cont. ext. with 400ml MeCl₂
2. Pour up 850ml of sample into the mixing cylinder.
Bring to 1L with HPLC H₂O
Use HPLC H₂O for QC
3. Check PH of the sample, adjust to 6-8
4. Pour the sample into the cont. ext.
5. Spike samples
6. Extract for 18 hours
7. Concentrate to 10ml at 65-70 degrees C
8. Solvent exchange to Hexane at 83-85 degrees C
9. Take to 5ml final volume
10. Check off of clipboard, place in fridge C

PH= 7time on 3:30 PM time off 9:30 AM ^{CAC} ₁₁₋₁₉₋₉₃

CAC 11-19-93

BMD 11/22/93

QC REQUIRED

	YES	NO
BLK	<u>X</u>	
SPK	<u>X</u>	
MS	<u>X</u>	
MSD	<u>X</u>	
MeCl ₂	LOT# <u>B6108</u>	
Hexane	LOT# <u>B6153</u>	
HPLC H ₂ O	LOT# <u>B6153</u>	

Chain of Custody	To Lab 11/18/93	To Fridge 11/18/93	To Lab 11/22/93	To Lab 11/22/93

002388

8

PROJECT OCP WATER STOS (UH-13 STOCK)

Notebook No. 953

Continued From Page

A) STOCK SOLUTION (CCS1) From stocks 9531-4

2 ml	TEX	1,000 $\mu\text{g}/\text{ml}$	40 $\mu\text{g}/\text{ml}$
5 ml	HECPD		10 $\mu\text{g}/\text{ml}$
	A-BAC		
	Lindane		
	D-BAC		
	Heptachlor		
	B-BAC		
↓	Aldrin	50 ml	↓
1 ml	Endrin		20 $\mu\text{g}/\text{ml}$
5 ml	Heptachlor Epoxide	→ Hexane	10 $\mu\text{g}/\text{ml}$
	Endosulfan A		
	PP-DDD		
	Dieldrin		
	Endrin		
	PP-DDD		
	Endosulfan A		
	PP-DDT		
↓	Endrin Aldehyde		
1 ml	Endosulfan Sulfate		↓
5 ml	Methoxychlor		20 $\mu\text{g}/\text{ml}$
2 ml	Endrin Ketone		10 $\mu\text{g}/\text{ml}$
	OCBP		40 $\mu\text{g}/\text{ml}$

B) STOCK SOLUTION CCS 2:

5 ml CCS1	→	50 ml Hexane	1,000 $\mu\text{g}/\text{ml}$ OCP'S
REMADE 7-20-93 MU			4,000 " OCB/TEX
REMADE 8-17-93 GEA			2,000 " Dieldrin/
			Methoxychlor

Continued on Page

John Kistner
Signed

March 7, 1993
Date

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[Signature]
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3-11-95
Date

002389

D) Daily OCF WATER STDS:

A)	.15 ml	CS2 933B	→	100 ml Hexane	15	5% OCF'S
					6	TEX/OCBP
					3	Methoxychlor
					3	Isodrin
B)	.5 ml	"	→	100 ml Hexane	5	5% OCF'S
					10	Isodrin
					10	Methoxychlor
					20	OCBP/TEX
C)	1 ml	"	→	100 ml Hexane	10	5% OCF'S
					20	Isodrin
					30	Methoxychlor
					40	TEX/OCBP
D)	2 ml	"	→	100 ml Hexane	20	5% OCF'S
					40	Isodrin
					40	Methoxychlor
					80	TEX/OCBP
E)	4 ml	"	→	100 ml Hexane	40	5% OCF'S
	Remade 7-20-93 ml				80	Isodrin
					80	Methoxychlor
					160	TEX/OCBP
F)	6 ml	"	→	100 ml Hexane	60	5% OCF'S
	Again 5/10 g/L				120	Isodrin
	Remade 7-24-93				120	Methoxychlor
	Remade 7-20-93 ml				240	TEX/OCBP
	Remade 8-3-93					
G)	10 ml	" 933B	→	100 ml Hexane	100	5% OCF'S
	MADE 6-24-93				200	Isodrin
					400	TEX/OCBP
ALL STANDARDS REMADE 8-17-93 GEA						

Continued on Page _____

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Joseph K. Kishner
Signed

March 9, 1993
Date

[Signature]
Signed

3-11-93
Date

<u>I-4 standard standard - June 85/78</u>						
<u>PCB 1016</u>	<u>85478</u>	<u>1000 ug/l</u>	<u>2ml</u>	<u>200 ug</u>	<u>Heine</u>	<u>10,000 ug/l</u>
<u>PCB 1264</u>	<u>85478</u>	<u>1000 ug/l</u>	<u>2ml</u>		<u>BF93</u>	<u>10,000 ug/l</u>
<u>TEX</u>	<u>85457</u>	<u>200 ug/l</u>	<u>4ml</u>			<u>4,000 ug/l</u>
<u>DCBP</u>	<u>85457</u>	<u>200 ug/l</u>	<u>4ml</u>			<u>4,000 ug/l</u>

Amount	Volume	PCB 1016 ug/l	TEX	DCBP	Solvent	
1.0 ml	100 ml	100	40 ug/l	40 ug/l	Heptane	
2.0	100	200	80	80	BF93	
5.0	100	500	200	200		
10.0	100	1000	400	400		
20.0	100	2000	800	800		
7.5	25	3000	1200	1200		
12.5	25	5000	2000	2000		
17.5	25	7000	2800	2800		
3.0 ml	50 ml	200	240	240		
Conc.	Amount	Volume	PCB 1016	TEX	DCBP	Solvent
1000 ug/l	5.0 ml	1000 ml	50 ug/l	20 ug/l	20 ug/l	Heptane
1000	2.0 ml	100 ml	20	8.0	8.0	BF93
1000	0.5 ml	50 ml	10	4.0	4.0	

<u>Conc.</u>	<u>Amount</u>	<u>Vol.</u>	<u>PCB 1016</u>	<u>TEX</u>	<u>DCBP</u>	<u>Solvent</u>
<u>1000</u>	<u>7.5 ml</u>	<u>50.0 ml</u>	<u>1500 ug/l</u>	<u>600 ug/l</u>	<u>600 ug/l</u>	<u>BF93</u>
<u>TEX/DCBP/1000</u>						

Robert N. Roberts 9/22/93

<u>PCB 1016</u>	<u>PCB 1016</u>	<u>1000 ug/l</u>	<u>10-9-93</u>	<u>Heine</u>
<u>2.5 ml</u>	<u>50 ml</u>	<u>500 ug/l</u>	<u>200</u>	<u>200</u>
<u>5.0 ml</u>	<u>50 ml</u>	<u>1000 ug/l</u>	<u>400</u>	<u>400</u>
			<u>10/25/93</u>	<u>BF93</u>
<u>0.5 ml</u>	<u>50 ml</u>	<u>100 ug/l</u>	<u>40</u>	<u>40</u>
<u>1.0 ml</u>	<u>50 ml</u>	<u>200 ug/l</u>	<u>80</u>	<u>80</u>
<u>10.0 ml</u>	<u>50 ml</u>	<u>2000 ug/l</u>	<u>800</u>	<u>800</u>
<u>7.5 ml</u>	<u>25 ml</u>	<u>7000 ug/l</u>	<u>2800</u>	<u>2800</u>

Continued on Page

Robert N. Roberts

8/30/93

Read and Understood By

Nate R. Zeh

9.30.93

Signed

Date

Signed

Date

1) Primary Stock solution: Accu Std NOT 10% P-0720

.010 g → 10 ml Hexane = 1,000 mg/ml TC

2) Combined Stock Solution:

.5 ml	Stock	1,000 mg/ml	→ 50 ml Hexane	=	10 mg/ml	TECH
2 ml	TEX "A"	1,000 mg/ml			4 mg/ml	TEX
2 ml	OCBP "A"	1,000 mg/ml			4 mg/ml	OCBP

3) Daily Curve Solutions:

A) .05 ml CSS (2) → 50 ml Hexane = 10 mg/ml TECH/OCBP
4 mg/ml TEX/OCBP

B) .10 ml CSS (2) → 50 ml Hexane = 20 mg/ml TECH/OCBP
8 mg/ml TEX/OCBP

C) .25 ml CSS (2) → 50 ml Hexane = 50 mg/ml TECH/OCBP
20 mg/ml TEX/OCBP

D) .50 ml CSS (2) → 50 ml Hexane = 100 mg/ml TECH/OCBP
40 mg/ml TEX/OCBP

E) 1.0 ml CSS (2) → 50 ml Hexane = 200 mg/ml TECH/OCBP
80 mg/ml TEX/OCBP

F) 2.5 ml CSS (2) → 50 ml Hexane = 500 mg/ml TECH/OCBP
200 mg/ml TEX/OCBP

Continued on Page

Joseph H. H. H.
Signed

May 12, 1953
Date

Read and Understood By

[Signature]
Signed

5/13/53
Date

c) Daily care solutions:

1)	12.5 ml	stock conc	2,000%	→	30 ml	50 % TX
	"	"	"		Hexane	125 TX/OCBP
2)	.35 ml	"	"	→	50 ml	100 % TX
					Hexane	25 TX/OCBP
3)	5 ml	"	"	→	50 ml	200 % TX
					Hexane	30 TX/OCBP
4)	2.5 ml	"	"	→	100 ml	500 % TX
					Hexane	125 TX/OCBP
	Remade 8/24/93 JK					
5)	2.5 ml	"	"	→	50 ml	100 % TX
					Hexane	230 TX/OCBP
6)	5 ml	"	"	→	50 ml	2000 % TX
					Hexane	500 TX/OCBP

Continued on Page

Read and Understood By

Joseph H. H. H. H.
Signed

March 29, 1993
Date

Mah. M. M.
Signed

7/21/93
Date

COMPOUND	① INDIVIDUAL PRIMARY		MIXED SPIKE STOCK	OCP WATER SPIKE	OCP SOIL SPIKE	
	VE/ML	ADDED ML	VE/ML	VE/ML	VE/ML	
LINDANE	1000.	2.	20.	0.2	2.0	
HEPTACHLOR	1000.	2.	20.	0.2	2.0	1 ML
ALDRIN	1000.	2.	20.	0.2	2.0	100 ML
DIELDRIN	1000.	5.	50.	0.5	5.0	100 ML
ENDRIN	1000.	5.	50.	0.5	5.0	100 ML
P.P'-DDT	1000.	5.	50.	0.5	5.0	100 ML
		100 ML TOTAL		5 ML		
				50 ML TOTAL		

ALL DILUTIONS DONE WITH B-J BRAND METHANOL LOT # BD293

① SEE PAGES 70, 71, 72 NOTEBOOK 592 JPE K. SOLUTION B FOR PRIMARY STD PREP.

REMADE OCP SOIL SPIKE AS ABOVE 12-18-92 B. Odom

REMADE OCP WATER SPIKE AS ABOVE 1-21-93 VIC BAUDER
USED B-J BRAND METHANOL LOT # BE220

REMADE OCP SOIL SPIKE AS ABOVE 2-1-93 VIC BAUDER
USED B-J BRAND METHANOL LOT # BE220

REMADE OCP SOIL + WATER SPIKE 5-21-93 VIC BAUDER

MIXED SPIKE STOCK	2 ML		OCP-WATER SPIKE	OCP-SOIL SPIKE
	20-50.0% VE/ML	200 ML	0.2-0.5% VE/ML	2-5.0% VE/ML
FROM ABOVE			10 ML	
			100 ML	

USED B-J BRAND METHANOL LOT # BE686

Nick S. Loh

9-18-92

Read and Understood By

B. Odom

10-15-

Signed

Date

Signed

Date

22

PROJECT

TCX/DCBP Surrogate Spike

Notebook No. 433

Continued From Page

D Daily Spike Solution

Pesticide Surrogate Mix
200 ug/ml ea. in 1ml acetone
Cat. #32000 Lot# A 001968
Date Made 1/91
Restek Corporation • 110 Berner Circle • Bellefonte, PA 16823



.5 ml x 200.000 ug/ml → 100 ml Acetone → 1000 ug/ml TCX/DCBP

Made	2 bottles	7-15-93	LFS	Acetone	lot #	BE 332
Made	1 bottle	7-20-93	LFS	Acetone	lot #	BE 332
	* 2	7-27-93	ISK			"
Made	2 bottles	8-14-93	LFS	"	"	"
Made	3 bottles	8-18-93	LFS	"	"	"
Made	2 bottles	8-18-93	LFS	Acetone	lot #	BE 332
Made	2 bottles	9-21-93	LFS	Acetone	lot #	BE 332
Made	2 bottles	9-3-93	LFS	↓	↓	BE 601
Made	2 bottles	9-14-93	LFS	Acetone	lot #	BE 661
Made	3 bottles	9-20-93	LFS	↓	↓	↓
Made	2 bottles	10-11-93	LFS	↓	↓	↓
Made	2 bottles	10-14-93	LFS	↓	↓	↓
Made	2 bottles	10-25-93	LFS	↓	↓	↓
		25 LFS 10-25-93 WD				
Made	2 bottles	11-2-93	LFS	↓	↓	BE 661
✓	↓	11-4-93	LFS	↓	↓	BE 661
Made	2 bottles	11-15-93	LFS	↓	↓	BE 661
		11-15-93				
Made	2 bottles	11-23-93	LP	↓	↓	↓

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[Signature]
Signed

7-15-93
Date

Read and Understood By

[Signature]
Signed

July 15, 1993
Date

002395

036	TOLUENE	,UG/L	39400*0080/3520-G	0080W	EEEE
037	PCB-1011	,UG/L	34671*0080/3520-G	0080W	EEEE
038	PCB-1221	,UG/L	39488*0080/3520-G	0080W	EEEE
039	PCB-1222	,UG/L	39492*0080/3520-G	0080W	EEEE
040	PCB-1242	,UG/L	39496*0080/3520-G	0080W	EEEE

49 464

0=OPEN L=IN LAB E=EXTRACTED R=NOT REQUESTED D=DONE S=SCHEDULED
 * "STORE" = NOT ON DEPT AVAIL NUMS

002397

Environmental Science and Engineering 11/19/93 STATUS:

PW 2 OF 2

*** SAMPLE ARRIVAL NOTICE FOR DEPARTMENT 1243 ***

CW 1 OF 2

PROJECT NUMBER 79340926 0231 PROJECT NAME HUNTSVILLE COE - DENT
 FIELD GROUP CDDMTN PROJECT MANAGER P.C. VILBER
 LAB COORDINATOR PATRICK WILBER

COLLECTION DATES: A=11/11/93 B=11/13/93 C=11/15/93

RECEIPT DATES : A=11/12/93/11/15/93/11/16/93 B=11/12/93/11/15/93/11/16/93 C=11/12/93/11/15/93/11/16/93

LAB DUE DATES : A=12/10/93/12/12/93/12/14/93 B=12/10/93/12/12/93/12/14/93 C=12/10/93/12/12/93/12/14/93

TURNAROUND : MATRIX : W DRY, LIMIT SPEC'D : NONE SPECIFIED

QC : SAMPLE FRACTIONS C, C, EC, EC, EC, LC, LC, LC, LC, MS, MS, MS, N, NF, NF, NP, VP, VP, VP, VP, VP, VP, VP, . . . GCY, C

COMMENTS/QC PR:

SAMPLE SEQ #

COLLECTION DATE CODES: CABA

RECEIPT DATE CODES: CABA

LAB DUE DATE CODES: CABA

EXTRACT DEF.LMT. 111

GROUP CDDMTN 9012

041	PCB-1242	,UG/L	39500*8050/3520-G	8050W	EEEE
042	PCB-1254	,UG/L	39504*8050/3520-G	8050W	EEEE
043	PCB-1265	,UG/L	39502*8050/3520-G	8050W	EEEE
044	ARSENIC(MONOCHEMOC- PEGS)	,UG/L	82156*8140/3520-G	8140	EEEE
045	BOLSTAR	,UG/L	38715*8140/3520-G	8140	EEEE
046	CHLORPYRIFOS	,UG/L	38952*8140/3520-G	8140	EEEE
047	CHLORPYRIFOS	,UG/L	81255*8140/3520-G	8140	EEEE
048	DEMETON	,UG/L	39560*8140/3520-G	8140	EEEE
049	DIACINON	,UG/L	39570*8140/3520-G	CHOP/CLL	OOOO
050	DICHLORFOS	,UG/L	99897*8140/3520-G	8140	EEEE
051	DIMETHOATE	,UG/L	98669*8140/3520-G	8140	EEEE
052	DISTULFOTOR	,UG/L	51885*8140/3520-G	8140	EEEE
053	EPM	,UG/L	81290*8140/3520-G	8140	EEEE
054	ETHIOPEP	,UG/L	81758*8140/3520-G	8140	EEEE
055	FENTHION	,UG/L	98403*8140/3520-G	8140	EEEE
056	FENSULFOYBION	,UG/L	98569*8140/3520-G	8140	EEEE
057	GYTHION (METYL	ASINPEC,UG/L	39580*8140/3520-G	8140	EEEE
058	MALATHION	,UG/L	39530*8140/3520-G	CHOP/CLL	OOOO
059	MERPEPS	,UG/L	98670*8140/3520-G	8140	EEEE
060	MEVINPHOS	,UG/L	98671*8140/3520-G	8140	EEEE
061	MALED	,UG/L	38855*8140/3520-G	8140	EEEE
062	METHYLPARATHION	,UG/L	39620*8140/3520-G	8140	EEEE
063	PARATHION	,UG/L	39540*8140/3520-G	8140	EEEE
064	PERMATE	,UG/L	98672*8140/3520-G	8140	EEEE
065	ROXNEL	,UG/L	39357*8140/3520-G	8140	EEEE
066	SPINROFOS	,UG/L	38877*8140/3520-G	8140	EEEE
067	SULFOTIIPP	,UG/L	82201*8140/3520-G	8140	EEEE
068	TEPP	,UG/L	39620*8140/3520-G	8140	EEEE
069	TRICHLORON	,UG/L	38564*8140/3520-G	8140	EEEE
070	TRICHLORONATE	,UG/L	38897*8140/3520-G	8140	EEEE

O=OPEN L=IN LAB E=EXTRACTED N=NOT REQUESTED D=DONE S=SCHEDULE

* "STREET" = NOT ON DEPT AVAIL NUMS

**ESE ENVIRONMENTAL SCIENCE
AND ENGINEERING, INC.**
CHROMATOGRAPHIC ANALYSIS LOG

Date 12/3/93 COLUMNS A B INJECTOR DETECTOR
 Analyst L. REA Length 30m 30m Type EN COLUMN Type ELD N63
 Project VARIOUS OD 57mm 53mm Temp °C 400 400 200 Attn. C
 Case No. VARIOUS ID 57mm 53mm Volume 10 Range 1
 Instrument ID HFS390/CCP Phase PP-608 20-1701 Carrier Gas He Temp °C 300
 Data System ID TL TL Thickness 53um 10um Type UFC Make-up 30-1/2um
 Analysis Type 8690/CCP Support Flow Rate CONSTANT FLOW
 Comments 891A,B Loading 5.0 10.0 Oven Temp. Initial 140 °C for 1.0 Min
 Rate A 9.0 Final Temp A °C 230 for 1.0 Min
 Rate B 5.0 Final Temp B °C 255 for 2.0 Min
10.0 275 11.0

Run No.	Sample No.	Run No.	Sample No.	Run No.	Sample No.
1	HEXANE	28	BRUJRK4RZ	55	SP12 (CONTINUED)
2	93326 TC 100 10/1	29	↓ 3	56	CONTINUED
3	93326 TC 5 10/1	30	↓ 4	57	11
4	93312 TC 100 10/1	31	CCS & CCL60R1	58	26
5	93312 TC 100 10/1	32	HEXANE	59	31
6	EXAL	33	MERCK	60	41
7	93326 OCP-0.5 10/1	34	SP1 ↓ 1.5	61	42
8	10	35	SP1 (CONTINUED) 1.5	62	CCS & CCL60R4
9	5.0	36	SP1 ↓ ↓	63	↓ 5
10	10	37	CONTINUED		
11	20	38	10		
12	40	39	11		
13	60	40	↓ 12		
14	↓ 100 ↓	41	BRUJRK4R4 1.20		
15	53450 PCB 100-500 20	42	HEXANE		
16	↓ ↓ 100 20	43	MERCK		
17	53450 PCB 100-500 20	44	SP1 & CCL1 1.2		
18	1232	45	SP1 (CONTINUED) 1.2		
19	1242	46	SP1 ↓ 1.2		
20	↓ ↓ 1245	47	CONTINUED		
21	93325 PCA 1254 ↓	48	↓ 37		
22	HEXANE	49	CCS & CCL60R2		
23	MERCK	50	↓ 3		
24	SP1 & CCL1 1.2	51	HEXANE		
25	SP1 & CCL60R41 ↓	52	MERCK		
26	SP1 ↓ ↓	53	SP1 & CCL1 1.5		
27	BRUJRK4R1	54	SP1 (CONTINUED) 1.5		

FORM 87302

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FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE