

Upstate Laboratories, Inc.

6034 Corporate Drive
East Syracuse, New York 13057-1017

Sample Data Summary Package

Case Narrative, Summary of Test Results, Summary of QC Results and Chain of
Custody Documentation

Volume 1 of 2

SDG No. DEC21

Project:

DEC 8 - Avon
Luster-Coate Metallizing Site
Churchville, New York

-1-

Prepared for:

Mr. Ed Hampston
NYSDEC - Region 8
Remedial Bureau D, Floor 12
625 Broadway
Albany, NY 12233-7013

Samples Collected:

November 21, 2005
November 22, 2005

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Upstate Laboratories, Inc.
6034 Corporate Drive
East Syracuse, New York 13057

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		VOA GC/MS Method #	BNA GC/MS Method #	Pest PCBs Method #	Herb GC Method #	Metals	Wet Chemistry and Other
SS-102	U0511380-001	-	-	8082	-	-	Percent Moisture
SS-102 DUP	U0511380-002	-	-	8082	-	-	Percent Moisture
SS-105	U0511380-003	-	-	8082	-	-	Percent Moisture
SS-106	U0511380-004	-	-	8082	-	-	Percent Moisture
SS-107	U0511380-005	-	-	8082	-	-	Percent Moisture
SS-108	U0511380-006	-	-	8082	-	-	Percent Moisture
SS-109 0-6"	U0511380-007	-	-	8082	-	-	Percent Moisture
SS-109 2'	U0511380-008	-	-	8082	-	-	Percent Moisture
SS-110 0-6"	U0511380-009	-	-	8082	-	-	Percent Moisture
SS-110 2'	U0511380-010	-	-	8082	-	-	Percent Moisture
SS-111	U0511380-011	-	-	8082	-	-	Percent Moisture
SS-112	U0511380-012	-	-	8082	-	-	Percent Moisture
SB-113 0-2'	U0511380-013	-	-	8082	-	-	Percent Moisture
SB-114 0-2'	U0511380-014	-	-	8082	-	-	Percent Moisture
SB-115 0-2'	U0511380-015	-	-	8082	-	-	Percent Moisture
SB-116 0-2'	U0511380-016	-	-	8082	-	-	Percent Moisture
SS-117	U0511380-017	-	-	8082	-	-	Percent Moisture
SS-118	U0511380-018	-	-	8082	-	-	Percent Moisture
SS-119	U0511380-019	-	-	8082	-	-	Percent Moisture
SS-120	U0511380-020	-	-	8082	-	-	Percent Moisture
SS-121	U0511380-021	-	-	8082	-	-	Percent Moisture
SS-121 MS	U0511380-021MS	-	-	8082	-	-	-
SS-121 MSD	U0511380-021MSD	-	-	8082	-	-	-
SS-121 Dupe	U0511380-021DP	-	-	-	-	-	Percent Moisture
SS-122	U0511380-022	-	-	8082	-	-	Percent Moisture
SS-123	U0511380-023	-	-	8082	-	-	Percent Moisture
SS-124	U0511380-024	-	-	8082	-	-	Percent Moisture
SS-125	U0511380-025	-	-	8082	-	-	Percent Moisture
SS-126	U0511380-026	-	-	8082	-	-	Percent Moisture
SS-127	U0511380-027	-	-	8082	-	-	Percent Moisture
SS-128	U0511380-028	-	-	8082	-	-	Percent Moisture
SS-129	U0511380-029	-	-	8082	-	-	Percent Moisture
SS-130	U0511380-030	-	-	8082	-	-	Percent Moisture

Narrative

1.0 Summary

This report presents the sample test results and quality control results for thirty soil samples from the Luster-Coate Metallizing Site, Project #828113, located in Churchville, New York. The samples were analyzed for the parameters listed in Section 3.0, below.

This report is divided into two packages and two volumes. The Sample Data Summary Package (Volume 1) presents a summary of the test results and quality control data. This abbreviated format is useful to engineers and environmental scientists. The Sample Data Package (Volume 2) is a comprehensive report containing instrument raw data. It is formatted for validation by an independent third party.

2.0 Chain of Custody

The samples were collected by EmpireGeo Services on November 21 and November 22, 2005, and were delivered by hand to Upstate Laboratories, Inc., Syracuse, New York. The Chain of Custody documentation is copied in Volumes 1 & 2.

3.0 Methodology

The analyses were performed using test methods developed by the USEPA and reorganized by the NYSDEC in the Analytical Services Protocol (ASP). The specific method numbers are:

<u>Parameter</u>	<u>Method</u>	<u>Reference</u>
PCBs	8082	(1)

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Note: The raw data for the Percent Moisture analysis is included at the front of the SOC Sample Data. Reference: ASTM D2216

(1) New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP), 7/05 Revision.

4.0 Quality Control

Quality control data includes method blanks, reference samples, matrix spikes, matrix spike duplicates, duplicates, and surrogate recoveries.

5.0 Internal Validation

The following observations are offered:

PCBs

Holding Time : Criteria were satisfied.

Calibration : Several target compounds in the IC and CC were manually integrated. The CC had %RSD values over the 15% limit, however the overall averages were less than 15%, therefore calibrations were valid. All criteria were satisfied.

Method Blanks : Criteria were satisfied.

MSB : Criteria were satisfied.

MS/MSD :The spike was diluted out of the MS/MSD because of the high concentration of a target aroclor in the sample.

Surrogates : The surrogate recoveries on the first channel ran low for the MB and the MSB. Several samples had failing surrogates due to matrix interference. The surrogates were diluted out of the samples in the second run.

Other :Samples were reanalyzed at dilution due to high hits. Preliminary results are included.

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

Approved Anthony J. Scala
Anthony J. Scala, Director

N-DEC21B.doc

Sample Data

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-102

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-001A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 13.8

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.:

10 (ML)

Date Analyzed:

12/9/05

Injection Vol.:

2 (uL)

Time Analyzed:

4:09PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
		ug/KG		
12674-11-2	Aroclor 1016	380		U
11104-28-2	Aroclor 1221	380		U
11141-16-5	Aroclor 1232	380		U
53469-21-9	Aroclor 1242	380		U
12672-29-6	Aroclor 1248	1400		
11097-69-1	Aroclor 1254	380		U
11096-82-5	Aroclor 1260	380		U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-102
Lab Order: U0511380 **Collection Date:** 11/21/2005 1:20:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-001 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	13.8	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 1 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-102 DUP

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-002A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 11.1

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.:

10 (ML)

Date Analyzed:

12/9/05

Injection Vol.:

2 (uL)

Time Analyzed:

4:45PM

GPC Cleanup: No

pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		3700	U
11104-28-2	Aroclor 1221		3700	U
11141-16-5	Aroclor 1232		3700	U
53469-21-9	Aroclor 1242		3700	U
12672-29-6	Aroclor 1248		6300	
11097-69-1	Aroclor 1254		3700	U
11096-82-5	Aroclor 1260		3700	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-102 Dup
Lab Order: U0511380 **Collection Date:** 11/21/2005 1:20:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-002 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	11.1	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 2 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-105

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-003A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 23.3

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

5:22PM

GPC Cleanup: No

pH:

Dilution Factor:

1000

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		43000	U
11104-28-2	Aroclor 1221		43000	U
11141-16-5	Aroclor 1232		43000	U
53469-21-9	Aroclor 1242		43000	U
12672-29-6	Aroclor 1248		23671	U
11097-69-1	Aroclor 1254		43000	U
11096-82-5	Aroclor 1260		43000	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-105
Lab Order: U0511380 **Collection Date:** 11/21/2005 2:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-003 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	23.3	0.00100		wt%	1	12/7/2005

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-106

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-004A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 23.7 Decanted: NO

Date Received: 11/23/05

Extraction: SONC

Date Extracted: 11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed: 12/5/05

Injection Vol.: 2 (uL)

Time Analyzed: 10:54PM

GPC Cleanup: No pH:

Dilution Factor: 1

Instr. ID: ULI 65.0

Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	43	U
11104-28-2	Aroclor 1221	43	U
11141-16-5	Aroclor 1232	43	U
53469-21-9	Aroclor 1242	43	U
12672-29-6	Aroclor 1248	360	
11097-69-1	Aroclor 1254	43	U
11096-82-5	Aroclor 1260	43	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-106
Lab Order: U0511380 **Collection Date:** 11/21/2005 2:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-004 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	23.7	0.00100		wt%	1	12/7/2005

Approved By: _____ Date: _____ Page 4 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-107

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-005A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 15.3

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.:

10 (ML)

Date Analyzed:

12/5/05

Injection Vol.:

2 (uL)

Time Analyzed:

11:30PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		39	U
11104-28-2	Aroclor 1221		39	U
11141-16-5	Aroclor 1232		39	U
53469-21-9	Aroclor 1242		39	U
12672-29-6	Aroclor 1248		265	U
11097-69-1	Aroclor 1254		39	U
11096-82-5	Aroclor 1260		39	U

FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-107
Lab Order: U0511380 **Collection Date:** 11/21/2005 2:30:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-005 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.3	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 5 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-108

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-006A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 19.8

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

injection Vol.: 2 (uL)

Time Analyzed:

12:07AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	41	U
11104-28-2	Aroclor 1221	41	U
11141-16-5	Aroclor 1232	41	U
53469-21-9	Aroclor 1242	41	U
12672-29-6	Aroclor 1248	240	
11097-69-1	Aroclor 1254	41	U
11096-82-5	Aroclor 1260	41	U

FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-108
Lab Order: U0511380 **Collection Date:** 11/21/2005 2:45:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-006 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	19.8	0.00100		wt%	1	12/7/2005

Approved By: _____ Date: _____ Page 6 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-109 6"

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-007A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 21.9 Decanted: NO

Date Received: 11/23/05

Extraction: SONC

Date Extracted: 11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed: 12/9/05

Injection Vol.: 2 (uL)

Time Analyzed: 5:58PM

GPC Cleanup: No pH:

Ditution Factor: 10

Instr. ID: ULI 65.0

Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
		ug/KG		
12674-11-2	Aroclor 1016	420		U
11104-28-2	Aroclor 1221	420		U
11141-16-5	Aroclor 1232	420		U
53469-21-9	Aroclor 1242	420		U
12672-29-6	Aroclor 1248	401		
11097-69-1	Aroclor 1254	420		U
11096-82-5	Aroclor 1260	420		U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-109 0-6"
Lab Order: U0511380 **Collection Date:** 11/21/2005 3:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-007 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	21.9	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 7 of 30
Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-109 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-008A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 7.2

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:19AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	36	U
11104-28-2	Aroclor 1221	36	U
11141-16-5	Aroclor 1232	36	U
53469-21-9	Aroclor 1242	36	U
12672-29-6	Aroclor 1248	118	
11097-69-1	Aroclor 1254	36	U
11096-82-5	Aroclor 1260	36	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-109 2'
Lab Order: U0511380 **Collection Date:** 11/22/2005 11:00:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-008 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	7.20	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 8 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-110 6"

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-009A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 22.6 Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:55AM

GPC Cleanup: No pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		43	U
11104-28-2	Aroclor 1221		43	U
11141-16-5	Aroclor 1232		43	U
53469-21-9	Aroclor 1242		43	U
12672-29-6	Aroclor 1248		309	
11097-69-1	Aroclor 1254		43	U
11096-82-5	Aroclor 1260		43	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-110 0-6"
Lab Order: U0511380 **Collection Date:** 11/21/2005 3:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-009 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	22.6	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ **Page 9 of 30**

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-110 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-010A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 15.4 Decanted: NO

Date Received: 11/23/05

Extraction: SONC

Date Extracted: 11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed: 12/6/05

Injection Vol.: 2 (uL)

Time Analyzed: 2:32AM

GPC Cleanup: No pH:

Dilution Factor: 1

Instr. ID: ULI 65.0

Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	39	U
11104-28-2	Aroclor 1221	39	U
11141-16-5	Aroclor 1232	39	U
53469-21-9	Aroclor 1242	39	U
12672-29-6	Aroclor 1248	178	
11097-69-1	Aroclor 1254	39	U
11096-82-5	Aroclor 1260	39	U

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FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-110 2'
Lab Order: U0511380 **Collection Date:** 11/22/2005 11:15:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-010 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.4	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 10 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-111

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-011A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 22.5

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

3:08AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		43	U
11104-28-2	Aroclor 1221		43	U
11141-16-5	Aroclor 1232		43	U
53469-21-9	Aroclor 1242		43	U
12672-29-6	Aroclor 1248		58	
11097-69-1	Aroclor 1254		43	U
11096-82-5	Aroclor 1260		43	U

FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-111
Lab Order: U0511380 **Collection Date:** 11/21/2005 4:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-011 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	22.5	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 11 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-112

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-012A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 16.7

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

3:44AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	40	U
11104-28-2	Aroclor 1221	40	U
11141-16-5	Aroclor 1232	40	U
53469-21-9	Aroclor 1242	40	U
12672-29-6	Aroclor 1248	37	
11097-69-1	Aroclor 1254	40	U
11096-82-5	Aroclor 1260	40	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-112
Lab Order: U0511380 **Collection Date:** 11/21/2005 4:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-012 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	16.7	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 12 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-113 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-013A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 11.2

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

4:20AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	37	U
11104-28-2	Aroclor 1221	37	U
11141-16-5	Aroclor 1232	37	U
53469-21-9	Aroclor 1242	37	U
12672-29-6	Aroclor 1248	37	U
11097-69-1	Aroclor 1254	37	U
11096-82-5	Aroclor 1260	37	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 Client Sample ID: SB-113 0-2'
Lab Order: U0511380 Collection Date: 11/22/2005 9:30:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-013 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	11.2	0.00100		wt%	1	12/7/2005

Approved By: _____ Date: _____ Page 13 of 30

Qualifiers: * Low Level ** Value exceeds Maximum Contaminant Value
B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-114 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-014A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 9.9

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

4:57AM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		370	U
11104-28-2	Aroclor 1221		370	U
11141-16-5	Aroclor 1232		370	U
53469-21-9	Aroclor 1242		370	U
12672-29-6	Aroclor 1248		370	U
11097-69-1	Aroclor 1254		370	U
11096-82-5	Aroclor 1260		370	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SB-114 0-2'
Lab Order: U0511380 **Collection Date:** 11/22/2005 9:50:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-014 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	9.91	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 14 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-115 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-015A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 12.3

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

5:33AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		38	U
11104-28-2	Aroclor 1221		38	U
11141-16-5	Aroclor 1232		38	U
53469-21-9	Aroclor 1242		38	U
12672-29-6	Aroclor 1248		38	U
11097-69-1	Aroclor 1254		38	U
11096-82-5	Aroclor 1260		38	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SB-115 0-2'
Lab Order: U0511380 **Collection Date:** 11/22/2005 10:10:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-015 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	12.3	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 15 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-116 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-016A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 3.5

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

6:34PM

GPC Cleanup: No

pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		3400	U
11104-28-2	Aroclor 1221		3400	U
11141-16-5	Aroclor 1232		3400	U
53469-21-9	Aroclor 1242		3400	U
12672-29-6	Aroclor 1248		38507	
11097-69-1	Aroclor 1254		3400	U
11096-82-5	Aroclor 1260		3400	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT:	NYSDEC-Region 8	Client Sample ID:	SB-116 0-2'
Lab Order:	U0511380	Collection Date:	11/22/2005 10:30:00 AM
Project:	Luster-Coate Metallizing Site 828113		
Lab ID:	U0511380-016	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	3.50	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 16 of 30

- | | | |
|--------------------|--|---|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-117

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170	Case No.:	SAS No.:	SDG No.: DEC21
Matrix: SOIL		Lab Sample ID:	U0511380-017A
Sample wt.: 30 (G)		Lab File ID:	12856
% Moisture: 17.89	Decanted: <u>NO</u>	Date Received:	11/23/05
Extraction: SONC		Date Extracted:	11/29/05
Conc Extract Vol.: 10 (ML)		Date Analyzed:	12/9/05
Injection Vol.: 2 (uL)		Time Analyzed:	7:10PM
GPC Cleanup: No	pH:	Dilution Factor:	10
Instr. ID: <u>ULI 65.0</u>		Sulfur Cleanup:	Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	400	U
11104-28-2	Aroclor 1221	400	U
11141-16-5	Aroclor 1232	400	U
53469-21-9	Aroclor 1242	400	U
12672-29-6	Aroclor 1248	756	
11097-69-1	Aroclor 1254	400	U
11096-82-5	Aroclor 1260	400	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT:	NYSDEC-Region 8	Client Sample ID:	SS-117
Lab Order:	U0511380	Collection Date:	11/22/2005 11:30:00 AM
Project:	Luster-Coate Metallizing Site 828113		
Lab ID:	U0511380-017	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	17.9	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 17 of 30

- | | | |
|--------------------|--|---|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-118

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-018A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 21.15

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

7:47PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	420	U
11104-28-2	Aroclor 1221	420	U
11141-16-5	Aroclor 1232	420	U
53469-21-9	Aroclor 1242	420	U
12672-29-6	Aroclor 1248	1179	
11097-69-1	Aroclor 1254	420	U
11096-82-5	Aroclor 1260	420	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-118
Lab Order: U0511380 **Collection Date:** 11/22/2005 11:40:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-018 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	21.1	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ **Page 18 of 30**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-119

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-019A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 9.81

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

8:23PM

GPC Cleanup: No

pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		3700	U
11104-28-2	Aroclor 1221		3700	U
11141-16-5	Aroclor 1232		3700	U
53469-21-9	Aroclor 1242		3700	U
12672-29-6	Aroclor 1248		5913	
11097-69-1	Aroclor 1254		3700	U
11096-82-5	Aroclor 1260		3700	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT:	NYSDEC-Region 8	Client Sample ID:	SS-119
Lab Order:	U0511380	Collection Date:	11/22/2005 11:50:00 AM
Project:	Luster-Coate Metallizing Site 828113		
Lab ID:	U0511380-019	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	9.81	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 19 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-120

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-020A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 24.27

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

8:59PM

GPC Cleanup: No

pH:

Dilution Factor:

1000

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	44000	U
11104-28-2	Aroclor 1221	44000	U
11141-16-5	Aroclor 1232	44000	U
53469-21-9	Aroclor 1242	44000	U
12672-29-6	Aroclor 1248	119282	
11097-69-1	Aroclor 1254	44000	U
11096-82-5	Aroclor 1260	44000	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-120
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-020 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	24.3	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 20 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-121

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-021A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 15.13

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

9:36PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		390	U
11104-28-2	Aroclor 1221		390	U
11141-16-5	Aroclor 1232		390	U
53469-21-9	Aroclor 1242		390	U
12672-29-6	Aroclor 1248		2942	
11097-69-1	Aroclor 1254		390	U
11096-82-5	Aroclor 1260		390	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-121
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:10:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-021 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.1	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ **Page 21 of 30**

Qualifiers: * Low Level ** Value exceeds Maximum Contaminant Value
B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-122

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-022A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 20.6

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

11:25PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	420	U
11104-28-2	Aroclor 1221	420	U
11141-16-5	Aroclor 1232	420	U
53469-21-9	Aroclor 1242	420	U
12672-29-6	Aroclor 1248	3155	
11097-69-1	Aroclor 1254	420	U
11096-82-5	Aroclor 1260	420	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-122
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:20:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-022 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	20.6	0.00100		wt%	1	12/7/2005

Approved By: _____ Date: _____ Page 22 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-123

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-023A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 15.47

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/10/05

Injection Vol.: 2 (uL)

Time Analyzed:

12:01AM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		390	U
11104-28-2	Aroclor 1221		390	U
11141-16-5	Aroclor 1232		390	U
53469-21-9	Aroclor 1242		390	U
12672-29-6	Aroclor 1248		390	U
11097-69-1	Aroclor 1254		1693	
11096-82-5	Aroclor 1260		390	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT:	NYSDEC-Region 8	Client Sample ID:	SS-123
Lab Order:	U0511380	Collection Date:	11/22/2005 12:30:00 PM
Project:	Luster-Coate Metallizing Site 828113		
Lab ID:	U0511380-023	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.5	0.00100		wt%	1	12/7/2005

Approved By:	_____	Date:	_____	Page 23 of 30
Qualifiers:	<ul style="list-style-type: none"> * Low Level B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit 	<ul style="list-style-type: none"> ** Value exceeds Maximum Contaminant Value E Value above quantitation range J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits 		

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-124

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-024A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 20.9

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

2:00PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		42	U
11104-28-2	Aroclor 1221		42	U
11141-16-5	Aroclor 1232		42	U
53469-21-9	Aroclor 1242		42	U
12672-29-6	Aroclor 1248		21	
11097-69-1	Aroclor 1254		42	U
11096-82-5	Aroclor 1260		42	U

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FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-124
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:40:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-024 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	20.9	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 24 of 30

- Qualifiers:**
- * Low Level
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Reporting Limit
 - ** Value exceeds Maximum Contaminant Value
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - S Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-125

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-025A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 11.96 Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/10/05

Injection Vol.: 2 (uL)

Time Analyzed:

12:37AM

GPC Cleanup: No pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		3700	U
11104-28-2	Aroclor 1221		3700	U
11141-16-5	Aroclor 1232		3700	U
53469-21-9	Aroclor 1242		3700	U
12672-29-6	Aroclor 1248		8444	
11097-69-1	Aroclor 1254		3700	U
11096-82-5	Aroclor 1260		3700	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-125
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:45:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-025 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: CC
Percent Moisture	12.0	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 25 of 30
Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-126

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-026A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 29.4

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

3:12PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		47	U
11104-28-2	Aroclor 1221		47	U
11141-16-5	Aroclor 1232		47	U
53469-21-9	Aroclor 1242		47	U
12672-29-6	Aroclor 1248		377	
11097-69-1	Aroclor 1254		47	U
11096-82-5	Aroclor 1260		47	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-126
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:50:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-026 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	29.4	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 26 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-127

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-027A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 12.14

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/10/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:13AM

GPC Cleanup: No

pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	3800	U
11104-28-2	Aroclor 1221	3800	U
11141-16-5	Aroclor 1232	3800	U
53469-21-9	Aroclor 1242	3800	U
12672-29-6	Aroclor 1248	6033	
11097-69-1	Aroclor 1254	3800	U
11096-82-5	Aroclor 1260	3800	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-127
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:55:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-027 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	12.1	0.00100		wt%	1	12/7/2005

Approved By: _____

Date: _____

- Qualifiers:**
- * Low Level
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-128

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-028A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 10.8

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

4:24PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	37	U
11104-28-2	Aroclor 1221	37	U
11141-16-5	Aroclor 1232	37	U
53469-21-9	Aroclor 1242	37	U
12672-29-6	Aroclor 1248	37	U
11097-69-1	Aroclor 1254	48	
11096-82-5	Aroclor 1260	37	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-128
Lab Order: U0511380 **Collection Date:** 11/22/2005 1:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-028 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	10.8	0.00100		wt%	1	12/8/2005

Approved By: _____ **Date:** _____ Page 28 of 30

- Qualifiers:**
- * Low Level
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Reporting Limit
 - ** Value exceeds Maximum Contaminant Value
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - S Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-129

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-029A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 17.63

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/10/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:50AM

GPC Cleanup: No

pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		4000	U
11104-28-2	Aroclor 1221		4000	U
11141-16-5	Aroclor 1232		4000	U
53469-21-9	Aroclor 1242		4000	U
12672-29-6	Aroclor 1248		5564	
11097-69-1	Aroclor 1254		4000	U
11096-82-5	Aroclor 1260		4000	U

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FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-129
Lab Order: U0511380 **Collection Date:** 11/22/2005 1:05:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-029 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	17.6	0.00100		wt%	1	12/8/2005

Approved By: _____ **Date:** _____ Page 29 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-130

Lab Name: Upstate Labs Inc.				Contract: DEC	
Lab Code: 10170	Case No.:	SAS No.:	SDG No.: DEC21		
Matrix: SOIL				Lab Sample ID:	U0511380-030A
Sample wt.: 30	(G)	Lab File ID:			12856
% Moisture: 21.02	Decanted: <u>NO</u>	Date Received:			11/23/05
Extraction: SONC				Date Extracted:	11/29/05
Conc Extract Vol.: 10	(ML)	Date Analyzed:			12/10/05
Injection Vol.: 2	(uL)	Time Analyzed:			2:26AM
GPC Cleanup: No	pH:	Dilution Factor:			10
Instr. ID: <u>ULI 65.0</u>				Sulfur Cleanup:	Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS ug/KG	Q
12674-11-2	Aroclor 1016	420	U
11104-28-2	Aroclor 1221	420	U
11141-16-5	Aroclor 1232	420	U
53469-21-9	Aroclor 1242	420	U
12672-29-6	Aroclor 1248	4109	
11097-69-1	Aroclor 1254	420	U
11096-82-5	Aroclor 1260	420	U

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-130
Lab Order: U0511380 **Collection Date:** 11/22/2005 1:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-030 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	21.0	0.00100		wt%	1	12/8/2005

Approved By: _____ **Date:** _____ Page 30 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

Quality Control Summary

2E PCB SURROGATE RECOVERY

Lab N.Upstate Laboratories, Inc. Contract:

Lab C.10170 Case No.:

SAS No.:

SDG No.: DEC 21

GC Column (1): CLP ID: 0.32(mm) GC Column (2): CLP ID: 0.32(mm)

	NYSDEC SAMPLE NO.	TCX1 % REC	TCX2 % REC	DCB1 % REC	DCB2 % REC	OTHER (1)	OTHER (2)	TOT OUT
1	PBW	54	73	59	82			12 KL
2	LCSW	59	68	67	83			1
3	SS-102	69	75	75	94			
4	SS-102DUP	75	89	85	110			
5	SS-105	44	50	83	28			3
6	SS-106	65	85	75	107			
7	SS-107	70	77	80	93			
8	SS-108	70	85	79	100			
9	SS-109 0-6"	65	75	70	89			
10	SS-109 2'	60	75	70	85			
11	SS-110 0-6"	60	60	65	85			
12	SS-110 2"	70	70	70	100			
13	SS-111	50	60	60	80			1
14	SS-112	70	80	75	100			
15	SB-113 2'	90	115	85	90			
16	SB-114 2'	30	30	10	20			4
17	SB-115 2'	75	80	85	95			
18	SB-116 2'	3	7	7	9			4
19	SS-117	75	75	85	90			
20	SS-118	65	75	75	90			
21	SS-119	70	70	115	120			
22	SS-120	55	45	85	150			2
23	SS-121	70	60	60	110			
24	SS-121 MS	65	55	70	95			1 KL
25	SS-121 MSD	55	60	70	45			2
26	SS-122	65	60	60	80			
27	SS-123	60	70	I	I			2
28	SS-124	40	50	55	65			3
29	SS-125	85	85	110	115			
30	SS-126	55	55	60	90			2

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(1) USEPA CLP 3/90 Statement of Work, water lQC LIMITS (QC LIMITS (2)

(2) USEPA CLP 3/90 Statement of Work, soil li60-150 60-150
60-150 60-150

Column to flag recovery
DL - diluted out

2E PCB SURROGATE RECOVERY

Lab Name Upstate Laboratories, Inc.

Contract:

Lab Code 10170 Case No.:

SAS No.:

SDG No.: DEC 21

GC Column (1): CLP-I

ID: 0.32(mm)

GC Column (2): CLP-II

ID: 0.32(mm)

	NYSDEC SAMPLE NO.	TCX1 % REC	TCX2 % REC	DCB1 % REC	DCB2 % REC	OTHER (1)	OTHER (2)	TOT OUT
1	SS-127	75	85	80	130			
2	SS-128	25	20	25	40			4
3	SS-129	60	60	70	165			1
4	SS-130	70	75 X	75	65			
5								
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- (1) USEPA CLP 3/90 Statement of Work, water limits
- (2) USEPA CLP 3/90 Statement of Work, soil limits

QC LIMITS (1) QC LIMITS (2)
60-150 60-150
60-150 60-150

Column to flag recovery
DL - diluted out

2E PCB SURROGATE RECOVERY

Lab Name Upstate Laboratories, Inc.

Contract: DEC

Lab Code 10170 Case No.:

SAS No.:

SDG No.: DEC2

GC Column (1): CLP-I

ID: 0.32(mm)

GC Column (2): CLP-II

ID: 0.32(mm)

	NYSDEC SAMPLE NO.	TCX1 % REC	TCX2 % REC	DCB1 % REC	DCB2 % REC	OTHER (1)	OTHER (2)	TOT OUT
1	SS-102	7	9	8	14			4
2	SS-102DUP	1	I	1	1			4
3	SS-105	I	I	I	I			4
4	SS-109 6"	6	6	7	10			4
5	SB-116 2'	I	I	I	2			4
6	SS-117	7	8	8	12			4
7	SS-118	6	8	8	11			4
8	SS-119	I	I	I	2			4
9	SS-120	I	I	2	4			4
10	SS-121	6	7	7	12			4
11	SS-121MS	11	9	8	13			4
12	SS-121MSD	6	7	8	15			4
13	SS-122	6	7	7	13			4
14	SS-123	5	6	159	184			4
15	SS-125	I	I	I	2			4
16	SS-127	I	I	I	2			4
17	SS-129	I	I	I	2			4
18	SS-130	6	8	7	7			4
19								
20								
21								
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23								
24								
25								
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28								
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30								

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- (1) USEPA CLP 3/90 Statement of Work, water limits
- (2) USEPA CLP 3/90 Statement of Work, soil limits

QC LIMITS (1) QC LIMITS (2)
 60-150 60-150
 60-150 60-150

Column to flag recovery
 DL - diluted out

MS/MSD I
PCB MS/MSD RECOVERY

3E PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
 NYSDC SAMPLE NO. SS-121 MS/MSD

Lab Name: Upstate Labs Inc. Contract: DEC21

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: SS-121

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: 15.13 Decanted: YES Date Received: 11/23/05

Extraction: SONC Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05

Injection Vol.: 2 (uL) Time Analyzed: 11:35AM

GPC Cleanup: No pH: Dilution Factor: 1

Column: DB XLB Sulfur Cleanup: Yes

Aroclor	Spike Added	Sample Conc.	MS Conc.	MS %		QC Limits	
				Rec. 3)	RPD 3)	1)	2)
Aroc 1016						50	114
Aroc 1221						15	178
Aroc 1232						10	215
Aroc 1242	67.0	I	I	I		39	150
Aroc 1248						38	158
Aroc 1254						29	131
Aroc 1260						8	127

Aroclor	Spike	MSD Conc.	MSD %		QC Limits
			Rec. 3)	RPD 3)	
Aroc 1016					20
Aroc 1221					20
Aroc 1232					20
Aroc 1242	67.0	I	I	I	20
Aroc 1248					20
Aroc 1254					20
Aroc 1260					20

Footnotes:

- 1) QC Acceptance Criteria, Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990
- 2) QC Acceptance Criteria, Table 3, Method 608, Guidelines Establishing Test Procedure for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October 1991
- 3) Flag recoveries outside of control limits with an "+"

FORM III-CLP-PCB-1

**MS/MSD2
PCB MS/MSD RECOVERY**

3E PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
NYSDEC SAMPLE NO. SS-121 MS/MSD

Lab Name: Upstate Labs Inc. Contract: DEC21

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: SS-121

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: 15.13 Decanted: YES Date Received: 11/23/05

Extraction: SONC Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05

Injection Vol.: 2 (uL) Time Analyzed: 11:35AM

GPC Cleanup: No pH: Dilution Factor: 1

Column: RTX CLP 2 Sulfur Cleanup: Yes

Aroclor	Spike Added	Sample Conc.	MS Conc.	MS %		QC Limits	
				Rec. 3)	3)	1)	2)
Aroc 1016						50	114
Aroc 1221						15	178
Aroc 1232						10	215
Aroc 1242	67.0	I	I	I		39	150
Aroc 1248						38	158
Aroc 1254						29	131
Aroc 1260						8	127

Aroclor	Spike	MSD Conc.	MSD %		QC Limits
			Rec. 3)	RPD 3)	
Aroc 1016					20
Aroc 1221					20
Aroc 1232					20
Aroc 1242	67.0	I	I	I	20
Aroc 1248					20
Aroc 1254					20
Aroc 1260					20

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Footnotes:

- 1) QC Acceptance Criteria, Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990
- 2) QC Acceptance Criteria, Table 3, Method 608, Guidelines Establishing Test Procedure for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October
- 3) Flag recoveries outside of control limits with an "**"

~~MS/MSD 1~~
PCB MS/MSD RECOVERY

3E PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
NYSDEC SAMPLE NO. SS-121 MS/MSD

Lab Name: Upstate Labs Inc.

Contract: DEC21

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID: SS-121

Sample wt.: 30 (G)

Lab File ID: 12856

% Moisture: 15.13 Decanted: YES

Date Received: 11/23/05

Extraction: SONC

Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL)

Date Analyzed: 12/9/05

Injection Vol.: 2 (uL)

Time Analyzed: 10:12PM

GPC Cleanup: No

pH:

Dilution Factor: 10

Column: DB XLB 2

Sulfur Cleanup: Yes

Aroclor	Spike Added	Sample Conc.	MS Conc.	MS %		QC Limits	
				Rec. 3)	3)	1)	2)
Aroc 1016						50	114
Aroc 1221						15	178
Aroc 1232						10	215
Aroc 1242	67.0	I	I	I	I	39	150
Aroc 1248						38	158
Aroc 1254						29	131
Aroc 1260						8	127

Aroclor	Spike	MSD Conc.	MSD %		QC Limits
			Rec. 3)	RPD 3)	
Aroc 1016					20
Aroc 1221					20
Aroc 1232					20
Aroc 1242	67.0	I	I	I	20
Aroc 1248					20
Aroc 1254					20
Aroc 1260					20

Footnotes:

- 1) QC Acceptance Criteria, Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990
- 2) QC Acceptance Criteria, Table 3, Method 608, Guidelines Establishing Test Procedure for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October
- 3) Flag recoveries outside of control limits with an "**"

FORM III-CLP-PCB-1

**MS/MSD2
PCB MS/MSD RECOVERY**

3E PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
NYSDEC SAMPLE NO. SS-121 MS/MSD

Lab Name: Upstate Labs Inc. Contract: DEC21

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: SS-121

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: 15.13 Decanted: YES Date Received: 11/23/05

Extraction: SONC Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/9/05

Injection Vol.: 2 (uL) Time Analyzed: 10:48PM

GPC Cleanup: No pH: Dilution Factor: 10

Column: RTX CLP 2 Sulfur Cleanup: Yes

Aroclor	Spike Added	Sample Conc.	MS Conc.	MS %		QC Limits	
				Rec. 3)	RPD 3)	1)	2)
Aroc 1016						50	114
Aroc 1221						15	178
Aroc 1232						10	215
Aroc 1242	67.0	I	I	I		39	150
Aroc 1248						38	158
Aroc 1254						29	131
Aroc 1260						8	127

Aroclor	Spike	MSD Conc.	MSD %		QC Limits
			Rec. 3)	RPD 3)	
Aroc 1016					20
Aroc 1221					20
Aroc 1232					20
Aroc 1242	67.0	I	I	I	20
Aroc 1248					20
Aroc 1254					20
Aroc 1260					20

Footnotes:

- 1) QC Acceptance Criteria, Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990
- 2) QC Acceptance Criteria, Table 3, Method 608, Guidelines Establishing Test Procedure for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October 1991
- 3) Flag recoveries outside of control limits with an "**"

FORM III-CLP-PCB-1

~~RS#1~~
PCB REFERENCE SAMPLE RECOVERY

NYSDEC SAMPLE NO. LCS

Lab Name: Upstate Labs Inc.

Contract: Delaware Co.

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: LCSS

Sample wt.: 30 (G) Lab File ID: 12856

 % Moisture: N/A Decanted: YES Date Received: 11/23/05

Extraction: SOCLET Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05

 Injection Vol.: 2 (uL) Time Analyzed:

GPC Cleanup: No pH: Dilution Factor: 1

Column: DB-XLB Sulfur Cleanup: Yes

Parameter	Spike Added	RS Conc.	RS % R	Control Limits 1) 2)
Aroclor 1016				50-114
Aroclor 1221				15-178
Aroclor 1232				10-215
Aroclor 1242	67.0	48	72	39-150
Aroclor 1248				38-158
Aroclor 1254				29-131
Aroclor 1260				8-127

1)Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990

2)Table 3, Method 608, Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October 25,1984

RS2
PCB REFERENCE SAMPLE RECOVERY

NYSDEC SAMPLE NO. LCS

Lab Name: Upstate Labs Inc.

Contract: Delaware Co.

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: LCSS

Sample wt.: 30 (G) Lab File ID: 12856

 % Moisture: N/A Decanted: YES Date Received: 11/23/05

Extraction: SOCLET Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05

 Injection Vol.: 2 (uL) Time Analyzed:

GPC Cleanup: No pH: Dilution Factor: 1

Column: RTX CLP2 Sulfur Cleanup: Yes

Parameter	Spike Added	RS Conc.	RS % R	Control Limits 1) 2)
Aroclor 1016				50-114
Aroclor 1221				15-178
Aroclor 1232				10-215
Aroclor 1242	67.0	48	72	39-150
Aroclor 1248				38-158
Aroclor 1254				29-131
Aroclor 1260				8-127

1)Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990

2)Table 3, Method 608, Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October 25,1984

4A
PCB METHOD BLANK SUMMARY

4C PESTICIDE METHOD BLANK SUMMARY
NYSDEC SAMPLE NO. PBW

Lab Name: Upstate Labs Inc. Contract: DEC Contract:
 Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21
 Matrix: SOIL Lab Sample ID: MB-5270
 Sample wt.: 30 (G) Lab File ID: 12856
 % Moisture: N/A Decanted: YES Date Received: 11/23/05
 Extraction: SOCLET Date Extracted: 11/29/05
 Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05
 Injection Vol.: 2 (uL) Time Analyzed:
 GPC Cleanup: No pH: Dilution Factor: 1
ULI 65.0 Sulfur Cleanup: Yes

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	PBS	MB-5270	12856	12/5/05	7:53PM
2	LCSS	LCS-5270	12856	12/5/05	8:29PM
3	SS-102	U0511380-001A	12856	12/5/05	9:05PM
4	SS-102DUP	U0511380-002A	12856	12/5/05	9:42PM
5	SS-105	U0511380-003A	12856	12/5/05	10:18PM
6	SS-106	U0511380-004A	12856	12/5/05	10:54PM
7	SS-107	U0511380-005A	12856	12/5/05	11:30PM
8	SS-108	U0511380-006A	12856	12/6/05	12:07AM
9	SS-109 6"	U0511380-007A	12856	12/6/05	12:43AM
10	SS-109 2'	U0511380-008A	12856	12/6/05	1:19AM
11	SS-110 6"	U0511380-009A	12856	12/6/05	1:55AM
12	SS-110 2'	U0511380-010A	12856	12/6/05	2:32AM
13	SS-111	U0511380-011A	12856	12/6/05	3:08AM
14	SS-112	U0511380-012A	12856	12/6/05	3:44AM
15	SB-113 2'	U0511380-013A	12856	12/6/05	4:20AM
16	SB-114 2'	U0511380-014A	12856	12/6/05	4:57AM
17	SB-115 2'	U0511380-015A	12856	12/6/05	5:33AM
18	SB-116 2'	U0511380-016A	12856	12/6/05	6:09AM
19	SS-117	U0511380-017A	12856	12/6/05	6:45AM
20	SS-118	U0511380-018A	12856	12/6/05	7:22AM
21	SS-119	U0511380-019A	12856	12/6/05	9:46AM
22	SS-120	U0511380-020A	12856	12/6/05	10:23AM
23	SS-121	U0511380-021A	12856	12/6/05	10:59AM
24	SS-121 MS	U0511380-021AMS	12856	12/6/05	11:35AM
25	SS-121 MSD	U0511380-021AMSD	12856	12/6/05	12:47PM

COMMENTS:

4A
PCB METHOD BLANK SUMMARY

4C PESTICIDE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO. PBW

Lab Name: Upstate Labs Inc.	Contract: DEC	Contract:
Lab Code: 10170	Case No.:	SAS No.:
Matrix: <u>SOIL</u>	Lab Sample ID: <u>MB-5270</u>	SDG No.: DEC21
Sample wt.: <u>30</u> (G)	Lab File ID: <u>12856</u>	
% Moisture: <u>N/A</u>	Decanted: <u>YES</u>	Date Received: <u>11/23/05</u>
Extraction: <u>SOCLET</u>		Date Extracted: <u>11/29/05</u>
Conc Extract Vol.: <u>10000</u> (uL)		Date Analyzed: <u>12/5/05</u>
Injection Vol.: <u>2</u> (uL)		Time Analyzed:
GPC Cleanup: <u>No</u>	pH:	Dilution Factor: <u>1</u>
<u>ULI 65.0</u>		Sulfur Cleanup: <u>Yes</u>

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	SS-122	U0511380-022A	12856	12/6/05	12:47PM
2	SS-123	U0511380-023A	12856	12/6/05	1:23PM
3	SS-124	U0511380-024A	12856	12/6/05	2:00PM
4	SS-125	U0511380-025A	12856	12/6/05	2:36PM
5	SS-126	U0511380-026A	12856	12/6/05	3:12PM
6	SS-127	U0511380-027A	12856	12/6/05	3:48PM
7	SS-128	U0511380-028A	12856	12/6/05	4:24PM
8	SS-129	U0511380-029A	12856	12/6/05	5:00PM
9	SS-130	U0511380-030A	12856	12/6/05	5:36PM
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

COMMENTS :

4A
PCB METHOD BLANK SUMMARY

4C PESTICIDE METHOD BLANK SUMMARY
NYSDEC SAMPLE NO. PBS

Lab Name: Upstate Labs Inc. Contract: DEC Contract:
 Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21
 Matrix: SOIL Lab Sample ID: MB-5270
 Sample wt.: 30 (G) Lab File ID: 12856
 % Moisture: N/A Decanted: YES Date Received: 11/23/05
 Extraction: SOCLET Date Extracted: 11/29/05
 Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/9/05
 Injection Vol.: 2 (uL) Time Analyzed:
 GPC Cleanup: No pH: Dilution Factor: 1
ULI 65.0 Sulfur Cleanup: Yes

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	SS-102	U0511380-001A	12887	12/9/05	4:09PM
2	SS-102DUP	U0511380-002A	12887	12/9/05	4:45PM
3	SS-105	U0511380-003A	12887	12/9/05	5:22PM
4	SS-109 6"	U0511380-007A	12887	12/9/05	5:58PM
5	SB-116 2'	U0511380-016A	12887	12/9/05	6:34PM
6	SS-117	U0511380-017A	12887	12/9/05	7:10PM
7	SS-118	U0511380-018A	12887	12/9/05	7:47PM
8	SS-119	U0511380-019A	12887	12/9/05	8:23PM
9	SS-120	U0511380-020A	12887	12/9/05	8:59PM
10	SS-121	U0511380-021A	12887	12/9/05	9:36PM
11	SS-121MS	U0511380-021AMS	12887	12/9/05	10:12PM
12	SS-121MSD	U0511380-021AMSD	12887	12/9/05	10:48PM
13	SS-122	U0511380-022A	12887	12/9/05	11:25PM
14	SS-123	U0511380-023A	12887	12/10/05	12:01AM
15	SS-125	U0511380-025A	12887	12/10/05	12:37AM
16	SS-127	U0511380-027A	12887	12/10/05	1:13AM
17	SS-129	U0511380-029A	12887	12/10/05	1:50AM
18	SS-130	U0511380-030A	12887	12/10/05	2:26AM
19					
20					
21					
22					
23					
24					
25					

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COMMENTS:

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET
NYSDEC SAMPLE NO. PBS

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

MB--5270

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 0

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/5/05

Injection Vol.: 2 (uL)

Time Analyzed:

7:53PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		33	U
11104-28-2	Aroclor 1221		33	U
11141-16-5	Aroclor 1232		33	U
53469-21-9	Aroclor 1242		33	U
12672-29-6	Aroclor 1248		33	U
11097-69-1	Aroclor 1254		33	U
11096-82-5	Aroclor 1260		33	U

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CLIENT: NYSDEC-Region 8
Work Order: U0511380
Project: Luster-Coate Metallizing Site 828113

ANALYTICAL QC SUMMARY REPORT

TestCode: PMOIST

Sample ID: U0511380-021ADUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date:	RunNo: 12834						
Client ID: SS-121	Batch ID: R12834	TestNo: D2216		Analysis Date: 12/7/05	SeqNo: 236375						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	13.35	0.00100			15.13	12.5				30	

Sample ID: U0511380-030ADUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date:	RunNo: 12835						
Client ID: SS-130	Batch ID: R12835	TestNo: D2216		Analysis Date: 12/8/05	SeqNo: 236385						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	20.91	0.00100			21.02	0.548				30	

Qualifiers: E Value above quantitation range
 ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

Chain of Custody

Chain Of Custody Record

Client	Client Project # / Project Name	Phone #	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time (Lab Notification required)	Remarks
NYSDEC Central Office	Client Project # / Project Name: 828113	518 402 9812	11/21/05	1320	Soils	6	MS11380	1)	X	X	X	X	X	X	X	X	X	X		
Ed Hampster	Luster - Coats Metalizing Site			1320			-001		X	X	X	X	X	X	X	X	X	X		APD AB
				1400			-002		X	X	X	X	X	X	X	X	X	X		
				1415			-003		X	X	X	X	X	X	X	X	X	X		
				1430			-004		X	X	X	X	X	X	X	X	X	X		
				1445			-005		X	X	X	X	X	X	X	X	X	X		
				1500			-006		X	X	X	X	X	X	X	X	X	X		
				1100			-007		X	X	X	X	X	X	X	X	X	X		
				1515			-008		X	X	X	X	X	X	X	X	X	X		
				1115			-009		X	X	X	X	X	X	X	X	X	X		
							-010		X	X	X	X	X	X	X	X	X	X		
parameter and method	sample bottle:	type	size	pres.	Sampled by: (Please Print)															
1) EPA METHOD 8082		GLASS	4oz	NONE	Timothy Beaumont Company: Empire Geo Services															
2) (Soil moisture)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time 11:30 AM															
3)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time 3:00 PM															
4)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time [Blank]															
5)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time [Blank]															
6)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time [Blank]															
7)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time [Blank]															
8)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time [Blank]															
9)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time [Blank]															
10)					Relinquished by: (Signature) [Signature] Date 11/23/05 Time 4:15															

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Chain of Custody Record

ULI Computer Input Form 2/8/03

Client	Client Project # / Project Name		No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time (Lab Notification required)	Remarks
	Client Contact	Site Location (city/state)													
Client: NYSpec Central Office Client Contact: Ed Arrington Phone # 508 9812 Site Location: Churchville, N.Y.	Client Project # / Project Name: 82843 Husta-Coats Metallizing Site		No. of Containers: 8082	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Sample Location:	Time	Matrix		Grab or Comp.	ULI Internal Use Only										
SS-111	11/24/05 1600	Soils		G	UOS/1380										
SS-112	11/21/05 1615				-011										
SB-113 0-2'	11/22/05 0930				-012										
SB-114 0-2'	0950				-013										
SB-115 0-2'	1010				-014										
SB-116 0-2'	1030				-015										
SS-117	1130				-016										
SS-118	1140				-017										
SS-119	1150			-018											
SS-120	1200			-019											
parameter and method	sample bottle:	type	size	pres.	Sampled by: (Please Print)										
1) EPA METHOD 8082		6ms	402	none	Timothy Bequonant										
2) (90 measure) 11/23/05					Company: Empac Eco Services										
3)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)							
4)					<i>[Signature]</i>	11/23/05	11:39	<i>[Signature]</i>							
5)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)							
6)					<i>[Signature]</i>	11/23	3:00 PM	<i>[Signature]</i>							
7)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)							
8)					<i>[Signature]</i>			<i>[Signature]</i>							
9)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)							
10)					<i>[Signature]</i>	11/23	4:15	<i>[Signature]</i>							

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Upside Laboratories, Inc.
 6034 Corporate Drive • E. Syracuse, NY 13057-1017
 (315) 437 0255 Fax 437 1209

Chain Of Custody Record

375

ULI Custody Form

028113

Client	Client Project # / Project Name		Time	Matrix	Grab or Comp.	ULI Internal Use Only	No. of Containers	Sampled by: (Please Print)										Special Turnaround Time (Lab Notification required)	Remarks					
	Phone #	Site Location (city/state)						1)	2)	3)	4)	5)	6)	7)	8)	9)	10)							
NYSDEC Central Office	518 902 9812	Luster-Crate Metallizing Site	1210	Soils	G	U051380	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Ed Huppston	11/22/05	Churchville, N.Y.	1220			-021	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	ASR AB
SS-121 MS MSD			1230			-023	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-122			1240			-024	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-123			1245			-025	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-124			1250			-026	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-125			1255			-027	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-126			1300			-028	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-127			1305			-029	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-128			1315			-030	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SS-129																								
SS-130																								
parameter and method				sample bottle:	type	size	pres.	Sampled by: (Please Print)															ULI Internal Use Only	
1) EPA METHOD 8082				Glass	Glass	402	NONE	Timothy J. Beaumont															Delivery (check one):	
2) Geo Moisture								Company: Empac Geo Services															<input type="checkbox"/> ULI Sampled	
3)								Relinquished by: (Signature)	Date	Time												<input type="checkbox"/> Pickup		
4)								<i>[Signature]</i>	11/23/05	11:30 A												<input type="checkbox"/> Dropoff		
5)								Relinquished by: (Signature)	Date	Time												<input type="checkbox"/> CC		
6)								<i>[Signature]</i>	11/23	2:00 PM												Received by: (Signature)		
7)								Relinquished by: (Signature)	Date	Time												Received by: (Signature)		
8)								<i>[Signature]</i>														Received by: (Signature)		
9)								Relinquished by: (Signature)	Date	Time												Received by: (Signature)		
10)								<i>[Signature]</i>	11/23	4:15												Rec'd for Lab by: (Signature)		

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

1 of 3

Chain of Custody Record

Upstate Laboratories, Inc.
 6034 Corporate Drive • E. Syracuse, NY 13057-1017
 (315) 437 0255 Fax 437 1209

Client	Client Project # / Project Name		No. of Containers	Sample Location										Special Turnaround Time (Lab Notification required)	Remarks			
	Phone #	Site Location (city/state)		1)	2)	3)	4)	5)	6)	7)	8)	9)	10)					
Client: NYSDEC Central Office	828113	Luster-Coats Metallizing Site	8082															
Client Contact: Ed Hampster	518 402 9812	Churchville, N.Y.																
Sample Location:	Date	Time	Matrix	Grab or Comp.	type	size	pres.	sample bottle:										ULI Internal Use Only Delivery (check one):
SS-102	11/21/05	1320	Soils	6	Glass	402	none										<input type="checkbox"/> ULI Sampled <input type="checkbox"/> Pickup <input type="checkbox"/> Dropoff <input type="checkbox"/> CC	
SS-102 DDP		1320															Received by: (Signature)	
SS-105		1400															Received by: (Signature)	
SS-106		1415															Received by: (Signature)	
SS-107		1430															Received by: (Signature)	
SS-108		1445															Received by: (Signature)	
SS-109 0-6"		1500															Received by: (Signature)	
SS-109 2'	11/22/05	1100															Received by: (Signature)	
SS-110 0-6"	11/21/05	1515															Received by: (Signature)	
SS-110 2'	11/22/05	1115															Received by: (Signature)	
parameter and method																	ULI Internal Use Only Delivery (check one):	
1) EPA METHOD 8082																	<input type="checkbox"/> ULI Sampled <input type="checkbox"/> Pickup <input type="checkbox"/> Dropoff <input type="checkbox"/> CC	
2)																	Received by: (Signature)	
3)																	Received by: (Signature)	
4)																	Received by: (Signature)	
5)																	Received by: (Signature)	
6)																	Received by: (Signature)	
7)																	Received by: (Signature)	
8)																	Received by: (Signature)	
9)																	Received by: (Signature)	
10)																	Received by: (Signature)	

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Chain of Custody Record

2 of 3

Client: NYSDEC Central Office		Client Project # / Project Name: 828413		Site Location (city/state): Luster-Coats Metallizing Site		No. of Containers: 8082		Special Turnaround Time (Lab Notification required)									
Sample Location:	Phone #	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks
Ed. Arpstein	578 402 9812						X										
SS-111		11/21/05	1600	Soils	G		X										
SS-112		11/21/05	1615				X										
SB-113 0-2'		11/22/05	0930				X										
SB-114 0-2'			0950				X										
SB-115 0-2'			1010				X										
SB-116 0-2'			1030				X										
SS-117			1130				X										
SS-118			1140				X										
SS-119			1150				X										
SS-120			1200				X										
parameter and method		sample bottle:		type	size	pres.	Sampled by: (Please Print) Timothy Reaumont										ULI Internal Use Only
1) EPA METHOD 8082				6/MS	402	none	Company: Empire Eco Services										Delivery (check one):
2)							Relinquished by: (Signature) [Signature]										<input type="checkbox"/> ULI Sampled
3)							Relinquished by: (Signature) [Signature]										<input type="checkbox"/> Pickup
4)							Relinquished by: (Signature) [Signature]										<input type="checkbox"/> CD
5)							Relinquished by: (Signature) [Signature]										Received by: (Signature) [Signature]
6)							Relinquished by: (Signature) [Signature]										Received by: (Signature) [Signature]
7)							Relinquished by: (Signature) [Signature]										Received by: (Signature) [Signature]
8)							Relinquished by: (Signature) [Signature]										Received by: (Signature) [Signature]
9)							Relinquished by: (Signature) [Signature]										Received by: (Signature) [Signature]
10)							Relinquished by: (Signature) [Signature]										Rec'd for Lab by: (Signature) [Signature]

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

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Chain of Custody Record

Upstate Laboratories, Inc.
 6034 Corporate Drive • E. Syracuse, NY 13057-1017
 (315) 437 0255 Fax 437 1209

Client	Client Project # / Project Name		No. of Containers	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Special Turnaround Time (Lab Notification required)	Remarks
	Client Contact	Site Location (city/state)													
NYSDEC Central Office Ed Huntington	828113 Luster-Coate Metalizing S.t. Churchville, N.Y.	8002	3	X											
Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only										
SS-121	11/22/05	1210	Soils	G											
SS-122		1220													
SS-123		1230													
SS-124		1240													
SS-125		1245													
SS-126		1250													
SS-127		1255													
SS-128		1300													
SS-129		1305													
SS-130		1315													
parameter and method	sample bottle:	type	size	pres.											
1) EPA METHOD 8082		Glass	402	NONE											
2)															
3)															
4)															
5)															
6)															
7)															
8)															
9)															
10)															

Sampled by: (Please Print) Timothy J Beermann
 Company: Empac Geo Services

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
	11/23/05	11:30 AM	
	11/23	2:00 PM	

ULI Internal Use Only
 Delivery (check one):
 ULI Sampled
 Pickup Dropoff
 GC

Rec'd for Lab by: (Signature)

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Upstate Laboratories, Inc.

Sample Receipt Checklist

Client Name NYSDEC-AVON (8)

Date and Time Receive

11/23/05

Work Order Number U0511380

Received by: TC

Checklist completed by

K Crump 11/23/05
Signature Date

Reviewed by

LU 11-28-05
Initials Date

Matrix:

Carrier name: ULI

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - pH acceptable upon receipt? Yes No

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Upstate Laboratories, Inc.

6034 Corporate Drive
East Syracuse, New York 13057-1017

Sample Data Package

Case Narrative, Chain of Custody Documentation, and PCB Data

Volume 2 of 2

SDG No. DEC21

Project:

DEC 8 - Avon
Luster-Coate Metallizing Site
Churchville, New York

-89-

Prepared for:

Mr. Ed Hampston
NYSDEC - Region 8
Remedial Bureau D, Floor 12
625 Broadway
Albany, NY 12233-7013

Samples Collected:

November 21, 2005
November 22, 2005

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Upstate Laboratories, Inc.
6034 Corporate Drive
East Syracuse, New York 13057

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					Metals	Wet Chemistry and Other
		VOA GC/MS Method #	BNA GC/MS Method #	Pest PCBs Method #	Herb GC Method #			
SS-102	U0511380-001	-	-	8082	-	-	Percent Moisture	
SS-102 DUP	U0511380-002	-	-	8082	-	-	Percent Moisture	
SS-105	U0511380-003	-	-	8082	-	-	Percent Moisture	
SS-106	U0511380-004	-	-	8082	-	-	Percent Moisture	
SS-107	U0511380-005	-	-	8082	-	-	Percent Moisture	
SS-108	U0511380-006	-	-	8082	-	-	Percent Moisture	
SS-109 0-6"	U0511380-007	-	-	8082	-	-	Percent Moisture	
SS-109 2'	U0511380-008	-	-	8082	-	-	Percent Moisture	
SS-110 0-6"	U0511380-009	-	-	8082	-	-	Percent Moisture	
SS-110 2'	U0511380-010	-	-	8082	-	-	Percent Moisture	
SS-111	U0511380-011	-	-	8082	-	-	Percent Moisture	
SS-112	U0511380-012	-	-	8082	-	-	Percent Moisture	
SB-113 0-2'	U0511380-013	-	-	8082	-	-	Percent Moisture	
SB-114 0-2'	U0511380-014	-	-	8082	-	-	Percent Moisture	
SB-115 0-2'	U0511380-015	-	-	8082	-	-	Percent Moisture	
SB-116 0-2'	U0511380-016	-	-	8082	-	-	Percent Moisture	
SS-117	U0511380-017	-	-	8082	-	-	Percent Moisture	
SS-118	U0511380-018	-	-	8082	-	-	Percent Moisture	
SS-119	U0511380-019	-	-	8082	-	-	Percent Moisture	
SS-120	U0511380-020	-	-	8082	-	-	Percent Moisture	
SS-121	U0511380-021	-	-	8082	-	-	Percent Moisture	
SS-121 MS	U0511380-021MS	-	-	8082	-	-	-	
SS-121 MSD	U0511380-021MSD	-	-	8082	-	-	-	
SS-121 Dupe	U0511380-021DP	-	-	-	-	-	Percent Moisture	
SS-122	U0511380-022	-	-	8082	-	-	Percent Moisture	
SS-123	U0511380-023	-	-	8082	-	-	Percent Moisture	
SS-124	U0511380-024	-	-	8082	-	-	Percent Moisture	
SS-125	U0511380-025	-	-	8082	-	-	Percent Moisture	
SS-126	U0511380-026	-	-	8082	-	-	Percent Moisture	
SS-127	U0511380-027	-	-	8082	-	-	Percent Moisture	
SS-128	U0511380-028	-	-	8082	-	-	Percent Moisture	
SS-129	U0511380-029	-	-	8082	-	-	Percent Moisture	
SS-130	U0511380-030	-	-	8082	-	-	Percent Moisture	

Narrative

1.0 Summary

This report presents the sample test results and quality control results for thirty soil samples from the Luster-Coate Metallizing Site, Project #828113, located in Churchville, New York. The samples were analyzed for the parameters listed in Section 3.0, below.

This report is divided into two packages and two volumes. The Sample Data Summary Package (Volume 1) presents a summary of the test results and quality control data. This abbreviated format is useful to engineers and environmental scientists. The Sample Data Package (Volume 2) is a comprehensive report containing instrument raw data. It is formatted for validation by an independent third party.

2.0 Chain of Custody

The samples were collected by EmpireGeo Services on November 21 and November 22, 2005, and were delivered by hand to Upstate Laboratories, Inc., Syracuse, New York. The Chain of Custody documentation is copied in Volumes 1 & 2.

3.0 Methodology

The analyses were performed using test methods developed by the USEPA and reorganized by the NYSDEC in the Analytical Services Protocol (ASP). The specific method numbers are:

<u>Parameter</u>	<u>Method</u>	<u>Reference</u>
PCBs	8082	(1)

Note: The raw data for the Percent Moisture analysis is included at the front of the SOC Sample Data. Reference: ASTM D2216

(1) New York State Department of Environmental Conservation Analytical Services Protocol (NYSDEC ASP), 7/05 Revision.

4.0 Quality Control

Quality control data includes method blanks, reference samples, matrix spikes, matrix spike duplicates, duplicates, and surrogate recoveries.

5.0 Internal Validation

The following observations are offered:

PCBs

Holding Time : Criteria were satisfied.

Calibration : Several target compounds in the IC and CC were manually integrated. The CC had %RSD values over the 15% limit, however the overall averages were less than 15%, therefore calibrations were valid. All criteria were satisfied.

Method Blanks : Criteria were satisfied.

MSB : Criteria were satisfied.

MS/MSD :The spike was diluted out of the MS/MSD because of the high concentration of a target aroclor in the sample.

Surrogates : The surrogate recoveries on the first channel ran low for the MB and the MSB. Several samples had failing surrogates due to matrix interference. The surrogates were diluted out of the samples in the second run.

Other :Samples were reanalyzed at dilution due to high hits. Preliminary results are included.

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

Approved *Anthony J. Scala*
Anthony J. Scala, Director

N-DEC21B.doc

Chain of Custody

Chain Of Custody Record

ULI Computer Input Form

1 of 3

Client:	Client Project # / Project Name		No. of Containers										Special Turnaround Time (Lab Notification required)	Remarks	
	Client Contact:	Site Location (city/state)	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)			
NYSDEC Central Office	828113	Lusty-Coats Metallizing Site													
Ed Hampster	518 492 9812	Churchville, N.Y.													
Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only										
SS-102	11/21/05	1320	Soils	6	URS11380-001										
SS-102 DOP		1320			-002										
SS-105		1400			-003										
SS-106		1415			-004										
SS-107		1430			-005										
SS-108		1445			-006										
SS-109 0-6"		1500			-007										
SS-109 2'	11/22/05	1100			-008										
SS-110 0-6"	11/21/05	1515			-009										
SS-110 2'	11/22/05	1115			-010										
parameter and method	sample bottle:	type	size	pres.											
1) EPA METHOD 8082	Glass	Glass	402	None											
2) (90 Moisture) ^{11/21/05}															
3)															
4)															
5)															
6)															
7)															
8)															
9)															
10)															

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) **Timothy Beaumont**
 Company: **Empire Geo Services**

Relinquished by: (Signature)	Date	Time
<i>[Signature]</i>	11/23/05	11:30
Relinquished by: (Signature)	Date	Time
<i>[Signature]</i>	11/23	3:00 pm
Relinquished by: (Signature)	Date	Time
<i>[Signature]</i>		
Relinquished by: (Signature)	Date	Time
<i>[Signature]</i>	11/23	4:15

ULI Internal Use Only
 Delivery (check one):
 ULI Sampled
 Pickup
 Dropoff
 CD

Received by: (Signature) *[Signature]*
 Received by: (Signature) *[Signature]*
 Received by: (Signature) *[Signature]*
 Rec'd for Lab by: (Signature) *[Signature]*

Chain of Custody Record

ULI Internal Use Only 283

Client:	Client Project # / Project Name		No. of Containers	Special Turnaround Time (Lab Notification required)	Remarks								
	Client Contact:	Site Location (city/state)											
NYSpec Central Office	82843	Husta-Coats Metallizing Site	8082										
Ed Ampsbn	Churchville, NY												
Sample Location:	Phog #	Date		1	2	3	4	5	6	7	8	9	10
SS-111	402 9812	11/21/05		X	X								
SS-112		11/21/05		X	X								
SB-113 0-2'		11/22/05		X	X								
SB-114 0-2'		0930		X	X								
SB-115 0-2'		0950		X	X								
SB-116 0-2'		1010		X	X								
SS-117		1030		X	X								
SS-118		1130	X	X									
SS-119		1140	X	X									
SS-120		1150	X	X									
parameter and method		1200	X	X									
sample bottle: type size pres.			Sampled by: (Please Print)										
6ms 4oz none			Timothy Bequonot										
EPA METHOD 8082			Company: Empire Eco Services										
(90 measure) 11/23/05			Relinquished by: (Signature) Date Time										
			[Signature] 11/23 11:39										
			Relinquished by: (Signature) Date Time										
			[Signature] 11/23 3:00 PM										
			Relinquished by: (Signature) Date Time										
			[Signature] 11/23										
			Relinquished by: (Signature) Date Time										
			[Signature]										
			Relinquished by: (Signature) Date Time										
			[Signature] 11/23 4:15										

Chain Of Custody Record

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Client:	Client Project # / Project Name		No. of Containers	Sampled by: (Please Print)							Special Turnaround Time (Lab Notification required)	Remarks
	Phone #	Site Location (City/state)		1)	2)	3)	4)	5)	6)	7)		
NYSDEC Central Office	518 402 9812	Luster-Corte Metallizing Site	3	Timothy J Beaumont								
Ed Hampton	11/22/05	Churchville, N.Y.	1	Empac Geo Services								ASPA
Sample Location:		Matrix	1									
SS-121 MS MSD	1210	Soils	1									
SS-122	1220		1									
SS-123	1230		1									
SS-124	1240		1									
SS-125	1245		1									
SS-126	1250		1									
SS-127	1255		1									
SS-128	1300		1									
SS-129	1305		1									
SS-130	1315		1									
parameter and method		sample bottle: type	size	pres.	ULI Internal Use Only							
1) EPA METHOD 8082		Glass	4oz	None	Delivery (check one):							
2) (Go Manufacture) 11/23/05					<input type="checkbox"/> ULI Sampled <input type="checkbox"/> Pickup <input type="checkbox"/> Dropoff <input type="checkbox"/> CC							
3)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)				
4)					<i>[Signature]</i>	11/23/05	11:30 A	<i>[Signature]</i>				
5)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)				
6)					<i>[Signature]</i>	11/23	3:00 PM	<i>[Signature]</i>				
7)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)				
8)					<i>[Signature]</i>			<i>[Signature]</i>				
9)					Relinquished by: (Signature)	Date	Time	Received by: (Signature)				
10)					<i>[Signature]</i>	11/23	4:15	<i>[Signature]</i>				

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Chain Of Custody Record

1 of 3

Client: NYSDEC Central Office		Client Project # / Project Name: 828/113		No. of Containers: 8082		Special Turnaround Time (Lab Notification required):	
Client Contact: Ed Hampster		Site Location (city/state): Luster-Coats Metallizing St Churchville, N.Y.		Sampled by: (Please Print) Timothy Beaumont		ULI Internal Use Only Delivery (check one):	
Sample Location: Phone # 518 402 9812		Date: 11/21/05		Company: Empire Geo Services		<input type="checkbox"/> ULI Sampled <input type="checkbox"/> Pickup <input type="checkbox"/> Dropoff <input type="checkbox"/> CC	
Time	Matrix	Grab or Comp.	ULI Internal Use Only	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
1320	Soils	6		<i>[Signature]</i>	11/23/05	11:30 A	<i>[Signature]</i>
1320							
1400							
1415							
1430							
1445							
1500							
1100							
1515							
1115							
parameter and method				sample bottle: type		ULI Internal Use Only	
1) EPA METHOD 8082				Glass		Relinquished by: (Signature) <i>[Signature]</i> Date 11/23/05 Time 11:30 A Relinquished by: (Signature) <i>[Signature]</i> Date 11/23/05 Time 3:00 PM Relinquished by: (Signature) <i>[Signature]</i> Date 11/23/05 Time 4:15 P Rec'd for Lab by: (Signature) <i>[Signature]</i>	
2)				size 4oz		Relinquished by: (Signature) <i>[Signature]</i> Date 11/23/05 Time 4:15 P Rec'd for Lab by: (Signature) <i>[Signature]</i>	
3)				type			
4)				pres.			
5)				none			
6)							
7)							
8)							
9)							
10)							

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Chain of Custody Record

203

Client	Client Project # / Project Name		Date	Time	Matrix	Grab or Comp.	Matrix	No. of Containers	Sampled by: (Please Print)										Special Turnaround Time (Lab Notification required)						
	Client Contact	Site Location (city/state)							1)	2)	3)	4)	5)	6)	7)	8)	9)	10)							
NYSDEC Central Office	82843	Husta-Coats Metallizing Site						8082	Timothy Beaurmont																
Ed Ampston	402 9812	Churchville, NY							Company: Empire Eco Services																
Sample Location:																									
SS-111		11/24/05	1600		Soils	G		X																	
SS-112		11/24/05	1615					X																	
SB-113	0-2'	11/22/05	0930					X																	
SB-114	0-2'		0950					X																	
SB-115	0-2'		1010					X																	
SB-116	0-2'		1030					X																	
SS-117			1130					X																	
SS-118			1140					X																	
SS-119			1150					X																	
SS-120			1200					X																	
parameter and method					sample bottle:	type	size	pres.																	
1) EPA METHOD 8082					6/MS		402	none																	
2)																									
3)																									
4)																									
5)																									
6)																									
7)																									
8)																									
9)																									
10)																									
Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.																									
Relinquished by: (Signature)										Date	Time	Received by: (Signature)													
[Signature]										11/23	11:39	[Signature]													
Relinquished by: (Signature)										Date	Time	Received by: (Signature)													
[Signature]										11/23	3:00 PM	[Signature]													
Relinquished by: (Signature)										Date	Time	Received by: (Signature)													
[Signature]												[Signature]													
Relinquished by: (Signature)										Date	Time	Received by: (Signature)													
[Signature]										11/23	4:15	[Signature]													

Chain Of Custody Record

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Client:	Client Project # / Project Name		No. of Containers	Sampled by: (Please Print)										Special Turnaround Time (Lab Notification required)			
	Client Contact:	Phone #		Site Location (city/state)	Company:												
Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	Remarks	
NYSDEC Central Office	518 402 9812					2800											
Ed Haugston	402 9812		Churchville, N.Y.														
Ed Haugston	402 9812		Churchville, N.Y.														
SS-12-1	MS MSD	11/22/05	Soils	G		X											
SS-12-2						X											
SS-12-3						X											
SS-12-4						X											
SS-12-5						X											
SS-12-6						X											
SS-12-7						X											
SS-12-8						X											
SS-12-9						X											
SS-130						X											
parameter and method			sample bottle:	type	size	pres.	Sampled by: (Please Print)										ULI Internal Use Only
1) EPA METHOD 8082				Glass	462	NONE	Timothy J Beumont										Delivery (check one):
2)							Empire Geo Services										<input type="checkbox"/> ULI Sampled
3)							Relinquished by: (Signature)										<input type="checkbox"/> Pickup
4)							[Signature]										<input type="checkbox"/> Dropoff
5)							Relinquished by: (Signature)										<input type="checkbox"/> CC
6)							[Signature]										Received by: (Signature)
7)							Relinquished by: (Signature)										Received by: (Signature)
8)							Relinquished by: (Signature)										Received by: (Signature)
9)							Relinquished by: (Signature)										Received by: (Signature)
10)							Relinquished by: (Signature)										Rec'd for Lab by: (Signature)

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Upstate Laboratories, Inc.

Sample Receipt Checklist

Client Name NYSDEC-AVON (8)

Date and Time Receive

11/23/05

Work Order Number U0511380

Received by: TC

Checklist completed by K Crump 11/23/05
Signature Date

Reviewed by LU 11-28-05
Initials Date

Matrix:

Carrier name: ULI

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - pH acceptable upon receipt? Yes No

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Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

PCB (Aroclors)

Upstate Laboratories, Inc.

Quality Control Data

2E PCB SURROGATE RECOVERY

Lab N. Upstate Laboratories, Inc. Contract:

Lab C 10170 Case No.: SAS No.: SDG No.: DEC 11

GC Column (1): CLP ID: 0.32(mm) GC Column (2): CLP ID: 0.32(mm)

	NYSDEC SAMPLE NO.	TCX1 % REC	TCX2 % REC	DCB1 % REC	DCB2 % REC	OTHER (1)	OTHER (2)	TOT OUT
1	PBW	54	73	59	82			X2 KL
2	LCSW	59	68	67	83			1
3	SS-102	69	75	75	94			
4	SS-102DUP	75	89	85	110			
5	SS-105	44	50	83	28			3
6	SS-106	65	85	75	107			
7	SS-107	70	77	80	93			
8	SS-108	70	85	79	100			
9	SS-109 0-6"	65	75	70	89			
10	SS-109 2'	60	75	70	85			
11	SS-110 0-6"	60	60	65	85			
12	SS-110 2"	70	70	70	100			
13	SS-111	50	60	60	80			1
14	SS-112	70	80	75	100			
15	SB-113 2'	90	115	85	90			
16	SB-114 2'	30	30	10	20			4
17	SB-115 2'	75	80	85	95			
18	SB-116 2'	3	7	7	9			4
19	SS-117	75	75	85	90			
20	SS-118	65	75	75	90			
21	SS-119	70	70	115	120			
22	SS-120	55	45	85	150			2
23	SS-121	70	60	60	110			
24	SS-121 MS	65	55	70	95			1 KL
25	SS-121 MSD	55	60	70	45			2
26	SS-122	65	60	60	80			
27	SS-123	60	70	I	I			2
28	SS-124	40	50	55	65			3
29	SS-125	85	85	110	115			
30	SS-126	55	55	60	90			2

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(1) USEPA CLP 3/90 Statement of Work, water lQC LIMITS (QC LIMITS (2)

(2) USEPA CLP 3/90 Statement of Work, soil li 60-150 60-150
60-150 60-150

Column to flag recovery
DL - diluted out

2E PCB SURROGATE RECOVERY

Lab Name Upstate Laboratories, Inc.

Contract:

Lab Code 10170 Case No.:

SAS No.:

SDG No.: DEC 21

GC Column (1): CLP-I

ID: 0.32 (mm)

GC Column (2): CLP-II

ID: 0.32 (mm)

	NYSDEC SAMPLE NO.	TCX1 % REC	TCX2 % REC	DCB1 % REC	DCB2 % REC	OTHER (1)	OTHER (2)	TOT OUT
1	SS-127	75	85	80	130			
2	SS-128	25	20	25	40			4 KL
3	SS-129	60	60	70	165			1 KL
4	SS-130	70	75 X	75	65			
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

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- (1) USEPA CLP 3/90 Statement of Work, water limits
- (2) USEPA CLP 3/90 Statement of Work, soil limits

QC LIMITS (1) QC LIMITS (2)
 60-150 60-150
 60-150 60-150

Column to flag recovery
 DL - diluted out

2E PCB SURROGATE RECOVERY

Lab Name Upstate Laboratories, Inc.

Contract: DEC

Lab Code 10170 Case No.:

SAS No.:

SDG No.: DEC2

GC Column (1): CLP-I

ID: 0.32(mm)

GC Column (2): CLP-II

ID: 0.32(mm)

	NYSDEC SAMPLE NO.	TCX1 % REC	TCX2 % REC	DCB1 % REC	DCB2 % REC	OTHER (1)	OTHER (2)	TOT OUT
1	SS-102	7	9	8	14			4
2	SS-102DUP	1	I	1	1			4
3	SS-105	I	I	I	I			4
4	SS-109 6"	6	6	7	10			4
5	SB-116 2'	I	I	I	2			4
6	SS-117	7	8	8	12			4
7	SS-118	6	8	8	11			4
8	SS-119	I	I	I	2			4
9	SS-120	I	I	2	4			4
10	SS-121	6	7	7	12			4
11	SS-121MS	11	9	8	13			4
12	SS-121MSD	6	7	8	15			4
13	SS-122	6	7	7	13			4
14	SS-123	5	6	159	184			4
15	SS-125	I	I	I	2			4
16	SS-127	I	I	I	2			4
17	SS-129	I	I	I	2			4
18	SS-130	6	8	7	7			4
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

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- (1) USEPA CLP 3/90 Statement of Work, water limits
- (2) USEPA CLP 3/90 Statement of Work, soil limits

QC LIMITS (1) QC LIMITS (2)
 60-150 60-150
 60-150 60-150

Column to flag recovery
 DL - diluted out

~~MS/MSD I~~
PCB MS/MSD RECOVERY

3E PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
NYSDEC SAMPLE NO. SS-121 MS/MSD

Lab Name: Upstate Labs Inc. Contract: DEC21

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: SS-121

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: 15.13 Decanted: YES Date Received: 11/23/05

Extraction: SONC Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05

Injection Vol.: 2 (uL) Time Analyzed: 11:35AM

GPC Cleanup: No pH: Dilution Factor: 1

Column: DB XLB Sulfur Cleanup: Yes

Aroclor	Spike Added	Sample Conc.	MS Conc.	MS % Rec. 3)	QC Limits 1) 2)
Aroc 1016					50 - 114
Aroc 1221					15 - 178
Aroc 1232					10 - 215
Aroc 1242	67.0	I	I	I	39 - 150
Aroc 1248					38 - 158
Aroc 1254					29 - 131
Aroc 1260					8 - 127

Aroclor	Spike	MSD Conc.	MSD % Rec. 3)	RPD 3)	QC Limits 3)
Aroc 1016					20
Aroc 1221					20
Aroc 1232					20
Aroc 1242	67.0	I	I	I	20
Aroc 1248					20
Aroc 1254					20
Aroc 1260					20

Footnotes:

- 1) QC Acceptance Criteria, Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990
- 2) QC Acceptance Criteria, Table 3, Method 608, Guidelines Establishing Test Procedure for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October
- 3) Flag recoveries outside of control limits with an "**"

FORM III-CLP-PCB-1

**MS/MSD2
PCB MS/MSD RECOVERY**

3E PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
NYSDEC SAMPLE NO. SS-121 MS/MSD

Lab Name: Upstate Labs Inc. Contract: DEC21

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: SS-121

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: 15.13 Decanted: YES Date Received: 11/23/05

Extraction: SONC Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05

Injection Vol.: 2 (uL) Time Analyzed: 11:35AM

GPC Cleanup: No pH: Dilution Factor: 1

Column: RTX CLP 2 Sulfur Cleanup: Yes

Aroclor	Spike Added	Sample Conc.	MS Conc.	MS %		QC Limits	
				Rec. 3)	3)	1)	2)
Aroc 1016							50 - 114
Aroc 1221							15 - 178
Aroc 1232							10 - 215
Aroc 1242	67.0	I	I	I			39 - 150
Aroc 1248							38 - 158
Aroc 1254							29 - 131
Aroc 1260							8 - 127

Aroclor	Spike	MSD Conc.	MSD %		QC Limits
			Rec. 3)	RPD 3)	
Aroc 1016					20
Aroc 1221					20
Aroc 1232					20
Aroc 1242	67.0	I	I	I	20
Aroc 1248					20
Aroc 1254					20
Aroc 1260					20

Footnotes:

- 1) QC Acceptance Criteria, Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990
- 2) QC Acceptance Criteria, Table 3, Method 608, Guidelines Establishing Test Procedure for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October
- 3) Flag recoveries outside of control limits with an "*"

FORM III-CLP-PCB-1

~~MS/MSD~~
PCB MS/MSD RECOVERY

3E PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
NYSDEC SAMPLE NO. SS-121 MS/MSD

Lab Name: Upstate Labs Inc. Contract: DEC21

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: SS-121

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: 15.13 Decanted: YES Date Received: 11/23/05

Extraction: SONC Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/9/05

Injection Vol.: 2 (uL) Time Analyzed: 10:12PM

GPC Cleanup: No pH: Dilution Factor: 10

Column: DB XLB 2 Sulfur Cleanup: Yes

Aroclor	Spike Added	Sample Conc.	MS Conc.	MS %		QC Limits	
				Rec. 3)	RPD 3)	1)	2)
Aroc 1016						50	114
Aroc 1221						15	178
Aroc 1232						10	215
Aroc 1242	67.0	I	I	I		39	150
Aroc 1248						38	158
Aroc 1254						29	131
Aroc 1260						8	127

Aroclor	Spike	MSD Conc.	MSD %		QC Limits
			Rec. 3)	RPD 3)	
Aroc 1016					20
Aroc 1221					20
Aroc 1232					20
Aroc 1242	67.0	I	I	I	20
Aroc 1248					20
Aroc 1254					20
Aroc 1260					20

Footnotes:

- 1) QC Acceptance Criteria, Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990
- 2) QC Acceptance Criteria, Table 3, Method 608, Guidelines Establishing Test Procedure for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October 1990
- 3) Flag recoveries outside of control limits with an "**"

FORM III-CLP-PCB-1

~~RS#1~~
PCB REFERENCE SAMPLE RECOVERY

NYSDEC SAMPLE NO. LCS

Lab Name: Upstate Labs Inc.

Contract: Delaware Co.

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID: LCSS

Sample wt.: 30 (G)

Lab File ID: 12856

% Moisture: N/A Decanted: YES

Date Received: 11/23/05

Extraction: SOCLET

Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL)

Date Analyzed: 12/5/05

Injection Vol.: 2 (uL)

Time Analyzed:

GPC Cleanup: No

pH:

Dilution Factor: 1

Column: DB-XLB

Sulfur Cleanup: Yes

Parameter	Spike Added	RS Conc.	RS % R	Control Limits 1) 2)
Aroclor 1016				50-114
Aroclor 1221				15-178
Aroclor 1232				10-215
Aroclor 1242	67.0	48	72	39-150
Aroclor 1248				38-158
Aroclor 1254				29-131
Aroclor 1260				8-127

1) Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990

2) Table 3, Method 608, Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October 25, 1984

RS2
PCB REFERENCE SAMPLE RECOVERY

NYSDEC SAMPLE NO. LCS

Lab Name: Upstate Labs Inc.

Contract: Delaware Co.

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: LCSS

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: N/A Decanted: YES Date Received: 11/23/05

Extraction: SOCLET Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/5/05

Injection Vol.: 2 (uL) Time Analyzed:

GPC Cleanup: No pH: Dilution Factor: 1

Column: RTX CLP2 Sulfur Cleanup: Yes

Parameter	Spike Added	RS Conc.	RS % R	Control Limits	
				1)	2)
Aroclor 1016				50-114	
Aroclor 1221				15-178	
Aroclor 1232				10-215	
Aroclor 1242	67.0	48	72	39-150	
Aroclor 1248				38-158	
Aroclor 1254				29-131	
Aroclor 1260				8-127	

1) Table 3, Method 8080, "Test Methods for Evaluating Solid Waste", SW-846, 3rd ED., Revision 1, November 1990

2) Table 3, Method 608, Guidelines Establishing Test Procedures for Analysis of Pollutants Under the Clean Water Act, 40 CFR Part 136, October 25, 1984

4A
PCB METHOD BLANK SUMMARY

4C PESTICIDE METHOD BLANK SUMMARY

NYSDEC SAMPLE NO. PBW

Lab Name: Upstate Labs Inc.	Contract: DEC	Contract:
Lab Code: 10170	Case No.:	SAS No.: SDG No.: DEC21
Matrix: <u>SOIL</u>	Lab Sample ID: <u>MB-5270</u>	
Sample wt.: <u>30</u> (G)	Lab File ID: <u>12856</u>	
% Moisture: <u>N/A</u>	Decanted: <u>YES</u>	Date Received: <u>11/23/05</u>
Extraction: <u>SOCLET</u>		Date Extracted: <u>11/29/05</u>
Conc Extract Vol.: <u>10000</u> (uL)		Date Analyzed: <u>12/5/05</u>
Injection Vol.: <u>2</u> (uL)		Time Analyzed:
GPC Cleanup: <u>No</u>	pH:	Dilution Factor: <u>1</u>
<u>ULI 65.0</u>		Sulfur Cleanup: <u>Yes</u>

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	SS-122	U0511380-022A	12856	12/6/05	12:47PM
2	SS-123	U0511380-023A	12856	12/6/05	1:23PM
3	SS-124	U0511380-024A	12856	12/6/05	2:00PM
4	SS-125	U0511380-025A	12856	12/6/05	2:36PM
5	SS-126	U0511380-026A	12856	12/6/05	3:12PM
6	SS-127	U0511380-027A	12856	12/6/05	3:48PM
7	SS-128	U0511380-028A	12856	12/6/05	4:24PM
8	SS-129	U0511380-029A	12856	12/6/05	5:00PM
9	SS-130	U0511380-030A	12856	12/6/05	5:36PM
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

COMMENTS:

4A
PCB METHOD BLANK SUMMARY

4C PESTICIDE METHOD BLANK SUMMARY
NYSDEC SAMPLE NO. PBS

Lab Name: Upstate Labs Inc. Contract: DEC Contract:

Lab Code: 10170 Case No.: SAS No.: SDG No.: DEC21

Matrix: SOIL Lab Sample ID: MB-5270

Sample wt.: 30 (G) Lab File ID: 12856

% Moisture: N/A Decanted: YES Date Received: 11/23/05

Extraction: SOCLET Date Extracted: 11/29/05

Conc Extract Vol.: 10000 (uL) Date Analyzed: 12/9/05

Injection Vol.: 2 (uL) Time Analyzed:

GPC Cleanup: No pH: Dilution Factor: 1

ULI 65.0 Sulfur Cleanup: Yes

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

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	SS-102	U0511380-001A	12887	12/9/05	4:09PM
2	SS-102DUP	U0511380-002A	12887	12/9/05	4:45PM
3	SS-105	U0511380-003A	12887	12/9/05	5:22PM
4	SS-109 6"	U0511380-007A	12887	12/9/05	5:58PM
5	SB-116 2'	U0511380-016A	12887	12/9/05	6:34PM
6	SS-117	U0511380-017A	12887	12/9/05	7:10PM
7	SS-118	U0511380-018A	12887	12/9/05	7:47PM
8	SS-119	U0511380-019A	12887	12/9/05	8:23PM
9	SS-120	U0511380-020A	12887	12/9/05	8:59PM
10	SS-121	U0511380-021A	12887	12/9/05	9:36PM
11	SS-121MS	U0511380-021AMS	12887	12/9/05	10:12PM
12	SS-121MSD	U0511380-021MSD	12887	12/9/05	10:48PM
13	SS-122	U0511380-022A	12887	12/9/05	11:25PM
14	SS-123	U0511380-023A	12887	12/10/05	12:01AM
15	SS-125	U0511380-025A	12887	12/10/05	12:37AM
16	SS-127	U0511380-027A	12887	12/10/05	1:13AM
17	SS-129	U0511380-029A	12887	12/10/05	1:50AM
18	SS-130	U0511380-030A	12887	12/10/05	2:26AM
19					
20					
21					
22					
23					
24					
25					

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COMMENTS:

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. PBS

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

MB--5270

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 0

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/5/05

Injection Vol.: 2 (uL)

Time Analyzed:

7:53PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		33	U
11104-28-2	Aroclor 1221		33	U
11141-16-5	Aroclor 1232		33	U
53469-21-9	Aroclor 1242		33	U
12672-29-6	Aroclor 1248		33	U
11097-69-1	Aroclor 1254		33	U
11096-82-5	Aroclor 1260		33	U

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Sample Data

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-102

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-001A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 13.8

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

4:09PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	380	U
11104-28-2	Aroclor 1221	380	U
11141-16-5	Aroclor 1232	380	U
53469-21-9	Aroclor 1242	380	U
12672-29-6	Aroclor 1248	1400	
11097-69-1	Aroclor 1254	380	U
11096-82-5	Aroclor 1260	380	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-102
Lab Order: U0511380 **Collection Date:** 11/21/2005 1:20:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-001 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	13.8	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 1 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-001a

Time : 12/9/05 10:58 AM

Sample Number: 6

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/6

Interface Serial # : NONE Data Acquisition Time: 12/5/05 09:05 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05006.RAW

Result File : C:\DATA65\HC05006.RST

Inst Method : PCB2CH from C:\DATA65\HC05006.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-119-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 111

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.770	27030769		3036.99	1012.3287
2	3.160	1724		0.19	0.0646
3	3.650	1071		0.12	0.0401
4	4.402	2267		0.25	0.0849
5	4.833	476		0.05	0.0178
6	5.230	821		0.09	0.0307
7	5.441	620		0.07	0.0232
8	5.577	1812		0.20	0.0679

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.776	4741		0.53	0.1775
10	6.161	743		0.08	0.0278
11	6.679	4088		0.46	0.1531
12	7.100	122557	Tetrachloro-m-xylene	13.77	4.5899
13	7.562	6645		0.75	0.2489
14	8.252	2073		0.23	0.0776
15	8.373	795		0.09	0.0298
16	8.781	12993		1.46	0.4866
17	9.180	494		0.06	0.0185
18	9.704	21675		2.44	0.8117
19	9.806	9274		1.04	0.3473
20	10.037	3752		9.45	3.1512
21	10.348	7905		19.92	6.6393
22	10.466	12756		32.14	10.7130
23	10.757	9127		23.00	7.6653
24	11.002	441		1.11	0.3701
25	11.263	9898		24.94	8.3131
26	11.673	163991		413.20	137.7318
27	11.756	75162		189.38	63.1264
28	11.849	53281		134.25	44.7492
29	12.201	28955		72.95	24.3181
30	12.266	42708		107.61	35.8689
31	12.416	14772		37.22	12.4067
32	12.560	6224		15.68	5.2270
34	12.950	481494		1213.18	404.3933
35	13.102	208502		525.35	175.1153
37	13.618	203194		508.41	169.4690
38	13.794	196061		490.56	163.5202
39	14.093	562206		1406.68	468.8945
40	14.473	9084		18.33	6.1109
41	14.640	20068		40.50	13.4999
42	14.754	26821		54.13	18.0424
43	14.938	57837		116.72	38.9068
44	15.085	925930		1868.61	622.8713
	15.191	3805047	AR1248	2307.98	769.3280
46	15.333	1787662		3607.67	1202.5565
47	15.519	384386		1078.00	359.3318
49	15.992	1474556		4135.34	1378.4463
50	16.170	737093		2067.15	689.0505
51	16.452	120537		338.04	112.6805
52	16.657	482499		1353.15	451.0501
53	16.978	770995		2162.23	720.7429
54	17.157	559860		1570.11	523.3687
55	17.337	1353912		3797.00	1265.6663
56	17.582	37593		105.43	35.1426
57	17.673	359309		1007.67	335.8898
58	17.819	203553		570.86	190.2858
59	18.012	149122		418.21	139.4025
60	18.153	40032		112.27	37.4232
61	18.228	18417		51.65	17.2168
62	18.338	155374		435.74	145.2473
63	18.536	1332252		3736.25	1245.4178
64	18.883	200188		561.42	187.1404
65	19.093	329604		924.36	308.1205
66	19.347	10627		29.80	9.9346
67	19.469	1341994		3763.57	1254.5248
68	19.731	75194		210.88	70.2932
69	19.869	34083		95.58	31.8616
70	19.980	103086		289.10	96.3667
71	20.085	474005		1329.33	443.1099
72	20.232	83567		234.36	78.1202
73	20.359	17190		48.21	16.0692
74	20.481	60656		170.11	56.7026
75	20.569	69891		196.01	65.3359
76	20.691	41786		117.19	39.0623
77	20.900	13299		37.30	12.4320
78	21.085	166714		467.54	155.8482
79	21.243	65011		182.32	60.7738
80	21.358	20595		57.76	19.2523
81	21.501	41635		116.76	38.9217
82	21.590	26452		74.18	24.7278
83	21.731	77679		217.85	72.6159
84	21.876	822		0.05	0.0163
85	21.978	24911		1.48	0.4928
86	22.167	70951		4.21	1.4035
87	22.289	14227		0.84	0.2814
88	22.470	147657		8.76	2.9208
89	22.626	18817		1.12	0.3722
90	22.801	4656		0.28	0.0921
91	22.990	1209		0.07	0.0239

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.172	4117		0.24	0.0814
93	23.311	2494		0.15	0.0493
94	23.477	69028		4.10	1.3654
95	23.545	47820		2.84	0.9459
96	23.633	16588		0.98	0.3281
97	23.808	50738		3.01	1.0036
98	24.402	1547		0.09	0.0306
99	24.563	7570		0.45	0.1497
100	24.670	2437		0.14	0.0482
101	24.890	28989		1.72	0.5734
102	25.485	2980		0.18	0.0590
103	25.681	49148		2.92	0.9722
104	25.918	1509		0.09	0.0299
105	26.771	36977		2.19	0.7314
106	27.375	57108		3.39	1.1297
107	27.714	255051	Decachlorobiphenyl	15.14	5.0451
108	28.990	2588		0.15	0.0512
109	29.352	1867		0.11	0.0369
110	30.994	3883		0.23	0.0768
111	31.374	4994		0.30	0.0988
		48301950		48415.80	16138.6013

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	15.814	1121399	AR1248-4	3144.92	1048.3073
33	12.778	536213	AR1248-1	1351.05	450.3502
36	13.460	484827	AR1248-2	1213.07	404.3582
45	15.191	1662608	AR1248-3	3355.30	1118.4334
		3805047		9064.35	3021.4491

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

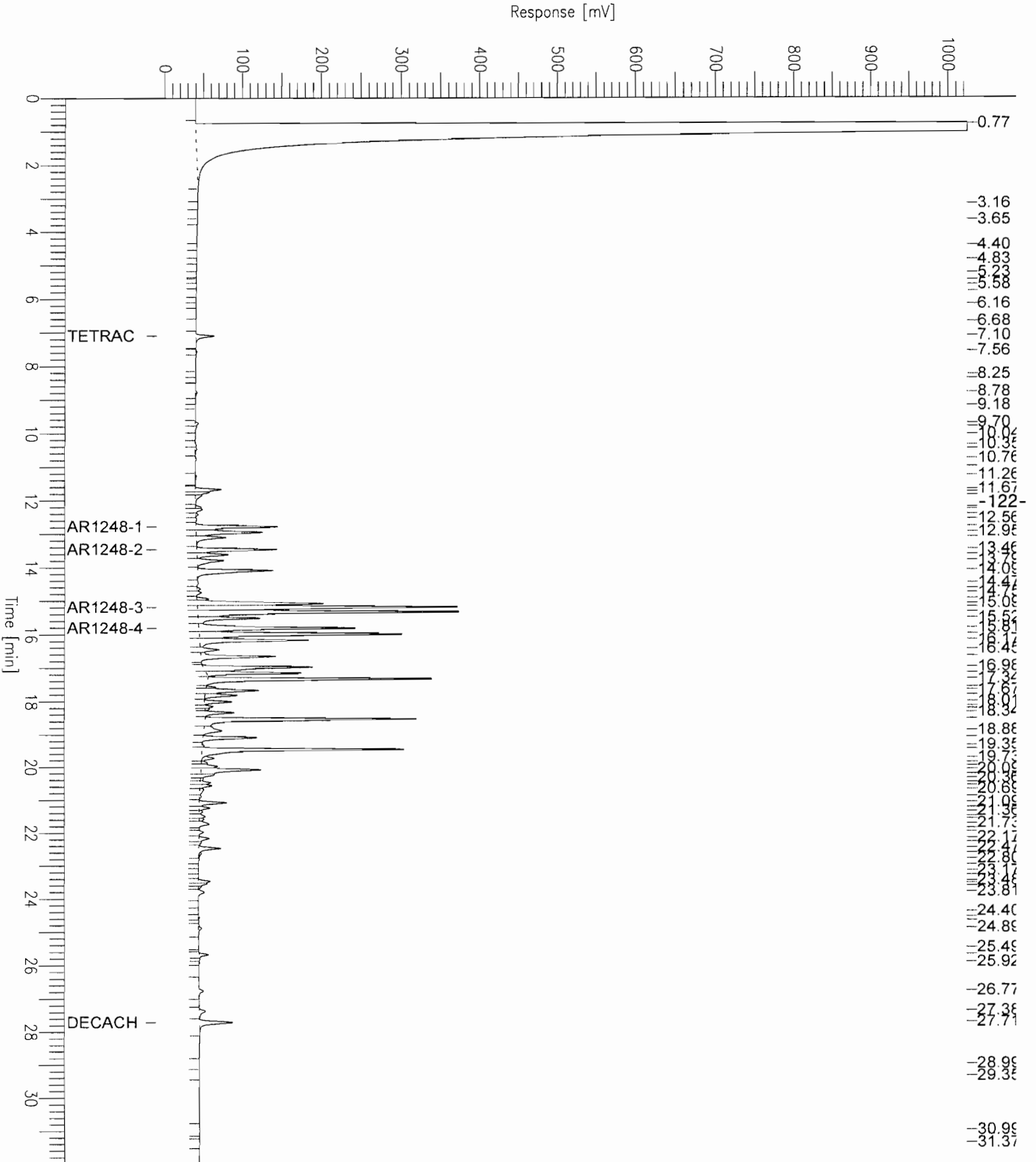
Report stored in ASCII file: C:\DATA65\HC05006.TX0

Chromatogram - ECD#1

Sample Name : u0511380-001a
 FileName : C:\DATA65\Hc05006.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -10 mV

Sample #: 6
 Date : 12/9/05 10:58 AM
 Time of Injection: 12/5/05 09:05 PM
 Low Point : -9.76 mV
 Plot Scale: 1033.8 mV
 High Point : 1024.00 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-001a

Time : 12/9/05 12:44 PM

Sample Number: 7

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/6

Interface Serial # : NONE Data Acquisition Time: 12/5/05 09:42 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05007.RAW

Result File : C:\DATA65\IC05007.RST

Inst Method : PCB2CH from C:\DATA65\IC05007.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-123-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 125

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.504	2381		0.10	0.0327
2	1.282	47489181		1956.82	652.2741
3	3.549	8991		0.37	0.1235
4	3.918	1052		0.04	0.0144
5	4.093	650		0.03	0.0089
6	4.345	7501		0.31	0.1030
7	5.012	4204		0.17	0.0577
8	5.222	5273		0.22	0.0724

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.484	250		0.01	0.0034
10	5.847	1337		0.06	0.0184
11	6.190	375271	Tetrachloro-m-xylene	15.46	5.1544
12	6.786	2109		0.09	0.0290
13	7.131	15079		0.62	0.2071
14	7.368	14013		0.58	0.1925
15	7.707	26498		1.09	0.3640
16	8.037	13224		0.54	0.1816
17	8.240	632		0.03	0.0087
18	8.543	1205		0.97	0.3238
19	9.024	1167		0.94	0.3136
20	9.156	93490		75.38	25.1271
21	9.513	7958		6.42	2.1387
22	9.849	37922		30.58	10.1922
23	9.950	44789		36.11	12.0379
24	10.338	36036		29.06	9.6854
26	11.115	164362		132.53	44.1754
27	11.258	35614		44.75	14.9176
28	11.469	66474		83.53	27.8444
29	11.566	100000		125.66	41.8874
31	11.957	869007		1092.02	364.0051
32	12.066	815651		1024.97	341.6556
33	12.576	541		0.49	0.1637
35	12.832	512098		465.06	155.0204
36	13.113	1477473		1341.77	447.2552
37	13.397	45050		47.83	15.9434
38	13.626	238710		253.44	84.4811
39	13.769	1120671		1189.84	396.6139
	13.993	5210939	AR1248	1277.50	425.8334
41	14.134	3954203		4198.27	1399.4228
42	14.369	354302		376.17	125.3903
43	14.582	259782		275.82	91.9389
44	14.779	1297687		1377.78	459.2613
45	14.891	2309808		2452.38	817.4587
46	14.959	2400650		2548.83	849.6084
47	15.217	123333		130.95	43.6486
48	15.513	121751		129.27	43.0885
49	15.716	1123293		1192.63	397.5418
50	15.919	1494836		1587.10	529.0340
51	16.102	1022318		1085.42	361.8063
52	16.306	2878240		3055.89	1018.6312
53	16.576	1999		2.12	0.7075
54	16.661	49664		52.73	17.5763
55	16.751	29570		31.39	10.4649
56	16.859	418050		443.85	147.9511
57	17.080	1842127		1955.83	651.9429
58	17.302	46009		48.85	16.2828
59	17.492	261141		277.26	92.4199
60	17.688	345146		366.45	122.1499
61	18.129	300272		318.81	106.2685
62	18.232	2660548		2824.77	941.5885
63	18.487	143720		152.59	50.8635
64	18.655	142142		150.91	50.3050
65	18.866	1101318		1169.29	389.7648
66	19.043	299244		317.71	105.9046
67	19.177	219642		233.20	77.7331
68	19.354	17547		18.63	6.2101
69	19.500	17674		18.77	6.2551
70	19.683	215519		228.82	76.2739
71	19.883	4823		5.12	1.7068
72	20.036	222656		7.25	2.4173
73	20.142	126877		4.13	1.3775
74	20.315	107059		3.49	1.1623
75	20.366	76360		2.49	0.8290
76	20.473	20358		0.66	0.2210
77	20.550	56535		1.84	0.6138
78	20.628	89516		2.92	0.9719
79	20.779	75415		2.46	0.8188
80	21.003	387241		12.61	4.2042
81	21.196	55252		1.80	0.5999
82	21.368	12157		0.40	0.1320
83	21.459	17992		0.59	0.1953
84	21.585	9845		0.32	0.1069
85	21.744	7903		0.26	0.0858
86	21.904	728		0.02	0.0079
87	22.069	31980		1.04	0.3472
88	22.213	286269		9.32	3.1080
89	22.338	72952		2.38	0.7920
90	22.406	59648		1.94	0.6476
91	22.572	17305		0.56	0.1879

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.777	2915		0.09	0.0316
93	22.879	6946		0.23	0.0754
94	23.044	6783		0.22	0.0736
95	23.169	14557		0.47	0.1580
96	23.335	4723		0.15	0.0513
97	23.493	4857		0.16	0.0527
98	23.585	40273		1.31	0.4372
99	23.850	616		0.02	0.0067
100	23.979	2655		0.09	0.0288
101	24.159	152903		4.98	1.6600
102	24.353	24346		0.79	0.2643
103	24.525	9120		0.30	0.0990
104	24.704	2882		0.09	0.0313
105	24.953	1417		0.05	0.0154
106	25.083	745		0.02	0.0081
107	25.229	65944		2.15	0.7159
108	25.351	10849		0.35	0.1178
109	25.877	62658		2.04	0.6803
110	26.072	573662	Decachlorobiphenyl	18.68	6.2281
111	26.686	2836		0.09	0.0308
112	27.352	12496		0.41	0.1357
113	27.531	2182		0.07	0.0237
114	27.793	1767		0.06	0.0192
115	28.007	5344		0.17	0.0580
116	28.186	2419		0.08	0.0263
117	28.424	2521		0.08	0.0274
118	28.659	840		0.03	0.0091
119	28.884	1513		0.05	0.0164
120	29.077	14349		0.47	0.1558
121	29.331	605		0.02	0.0066
122	30.344	487		0.02	0.0053
123	30.874	1543		0.05	0.0167
124	31.152	848		0.03	0.0092
125	31.407	246		0.01	0.0027
		87076051		36353.30	12117.7659

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
40	13.993	2680988	AR1248-4	2846.47	948.8222
25	10.650	515388	AR1248-1	415.56	138.5202
30	11.825	959349	AR1248-2	1205.54	401.8471
34	12.708	1055214	AR1248-3	958.29	319.4305
		5210939		5425.86	1808.6201

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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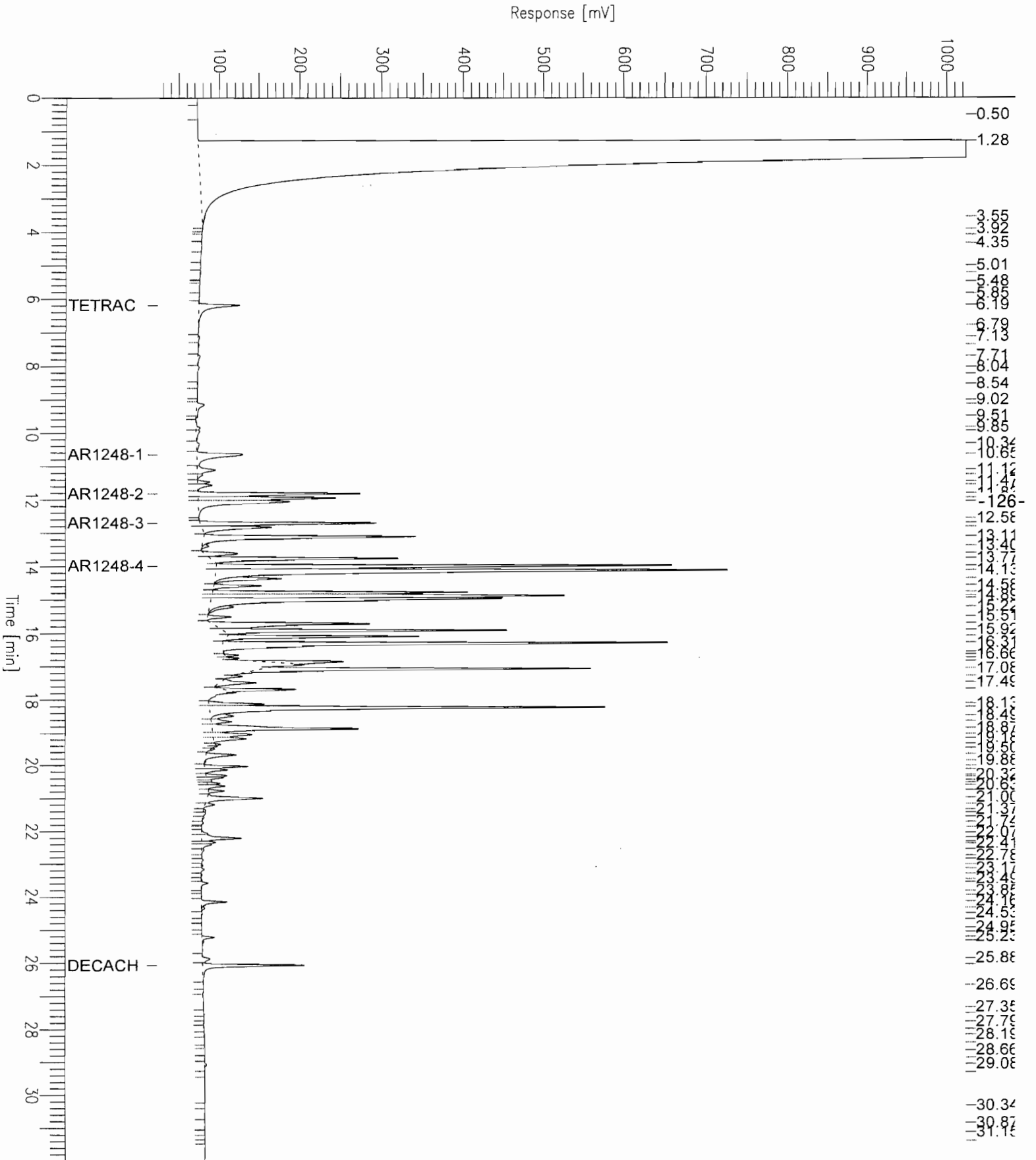
Report stored in ASCII file: C:\DATA65\IC05007.TX0

Chromatogram - ECD#1

Sample Name : u0511380-001a
 FileName : C:\DATA65\Ic050007.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 24 mV

Sample #: 7
 Date : 12/9/05 12:44 PM
 Time of Injection: 12/5/05 09:42 PM
 Low Point : 24.05 mV
 High Point : 1024.00 mV
 Plot Scale: 1000.0 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-001a

Time : 12/11/05 04:40 PM

Sample Number: 4

Study : 5270

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/4

Interface Serial # : NONE Data Acquisition Time: 12/9/05 04:09 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09004.RAW

Result File : C:\DATA65\HC09004.RST

Inst Method : PCB2CH from C:\DATA65\HC09004.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-127-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 82

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	6193943		695.91	2319.6921
2	3.228	745		0.08	0.2789
3	4.897	510		0.06	0.1910
4	5.768	546		0.06	0.2045
5	6.171	1119		0.13	0.4191
6	7.098	11692	Tetrachloro-m-xylene	1.31	4.3749
7	7.566	555		0.06	0.2078
8	8.779	1249		0.14	0.4676

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.705	2971		0.33	1.1128
10	10.349	911		2.30	7.6535
11	10.468	1083		2.73	9.0917
12	10.760	209		0.53	1.7550
13	11.264	644		1.62	5.4115
14	11.675	15959		40.21	134.0345
15	11.757	4078		10.28	34.2501
16	12.201	2950		7.43	24.7729
17	12.268	4594		11.57	38.5795
18	12.416	1629		4.11	13.6842
19	12.562	602		1.52	5.0562
21	12.951	57062		143.77	479.2452
22	13.102	22594		56.93	189.7584
24	13.618	22128		55.36	184.5496
25	13.794	20853		52.18	173.9193
26	14.094	56472		141.30	470.9937
27	14.477	1051		2.12	7.0692
28	14.642	2128		4.29	14.3129
29	14.755	3015		6.08	20.2812
30	14.939	6233		12.58	41.9265
31	15.087	107446		216.84	722.7887
	15.194	444167	AR1248	269.41	898.0447
33	15.336	215979		435.87	1452.8865
35	15.989	162394		455.43	1518.0983
36	16.172	83651		234.60	781.9888
37	16.455	13329		37.38	124.6022
38	16.659	54645		153.25	510.8298
39	16.979	74076		207.74	692.4813
40	17.159	53596		150.31	501.0290
41	17.339	140581		394.25	1314.1807
42	17.582	4264		11.96	39.8617
43	17.674	35560		99.73	332.4207
44	17.827	21471		60.21	200.7111
45	18.013	16966		47.58	158.6018
46	18.155	4474		12.55	41.8220
47	18.230	2543		7.13	23.7686
48	18.341	23353		65.49	218.3121
49	18.540	159571		447.51	1491.7044
50	18.884	27098		75.99	253.3158
51	19.093	36516		102.41	341.3614
52	19.473	118992		333.71	1112.3666
53	19.733	10332		28.98	96.5839
54	19.869	2511		7.04	23.4699
55	19.984	8773		24.60	82.0115
56	20.085	45319		127.10	423.6537
57	20.235	4866		13.65	45.4861
58	20.482	4836		13.56	45.2070
59	20.572	6234		17.48	58.2799
60	20.692	3077		8.63	28.7599
61	20.909	946		2.65	8.8402
62	21.089	16983		47.63	158.7640
63	21.244	7532		21.12	70.4114
64	21.361	2150		6.03	20.1007
65	21.502	4603		12.91	43.0260
66	21.589	2923		8.20	27.3238
67	21.733	8524		23.90	79.6799
68	21.980	2672		0.16	0.5285
69	22.181	11801		0.70	2.3344
70	22.470	16504		0.98	3.2647
71	22.629	1724		0.10	0.3410
72	23.174	366		0.02	0.0725
73	23.478	5875		0.35	1.1621
74	23.544	3465		0.21	0.6854
75	23.810	4357		0.26	0.8619
76	24.572	646		0.04	0.1278
77	24.889	2313		0.14	0.4576
78	25.683	5096		0.30	1.0079
79	25.930	194		0.01	0.0383
80	26.772	3687		0.22	0.7293
81	27.399	5504		0.33	1.0888
82	27.713	25747	Decachlorobiphenyl	1.53	5.0930
		8457745		5443.16	18143.8612

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
34	15.816	119674	AR1248-4	335.62	1118.7372
20	12.780	72703	AR1248-1	183.18	610.6144
23	13.461	53126	AR1248-2	132.93	443.0839
32	15.194	198664	AR1248-3	400.92	1336.4091
		444167		1052.65	3508.8447

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

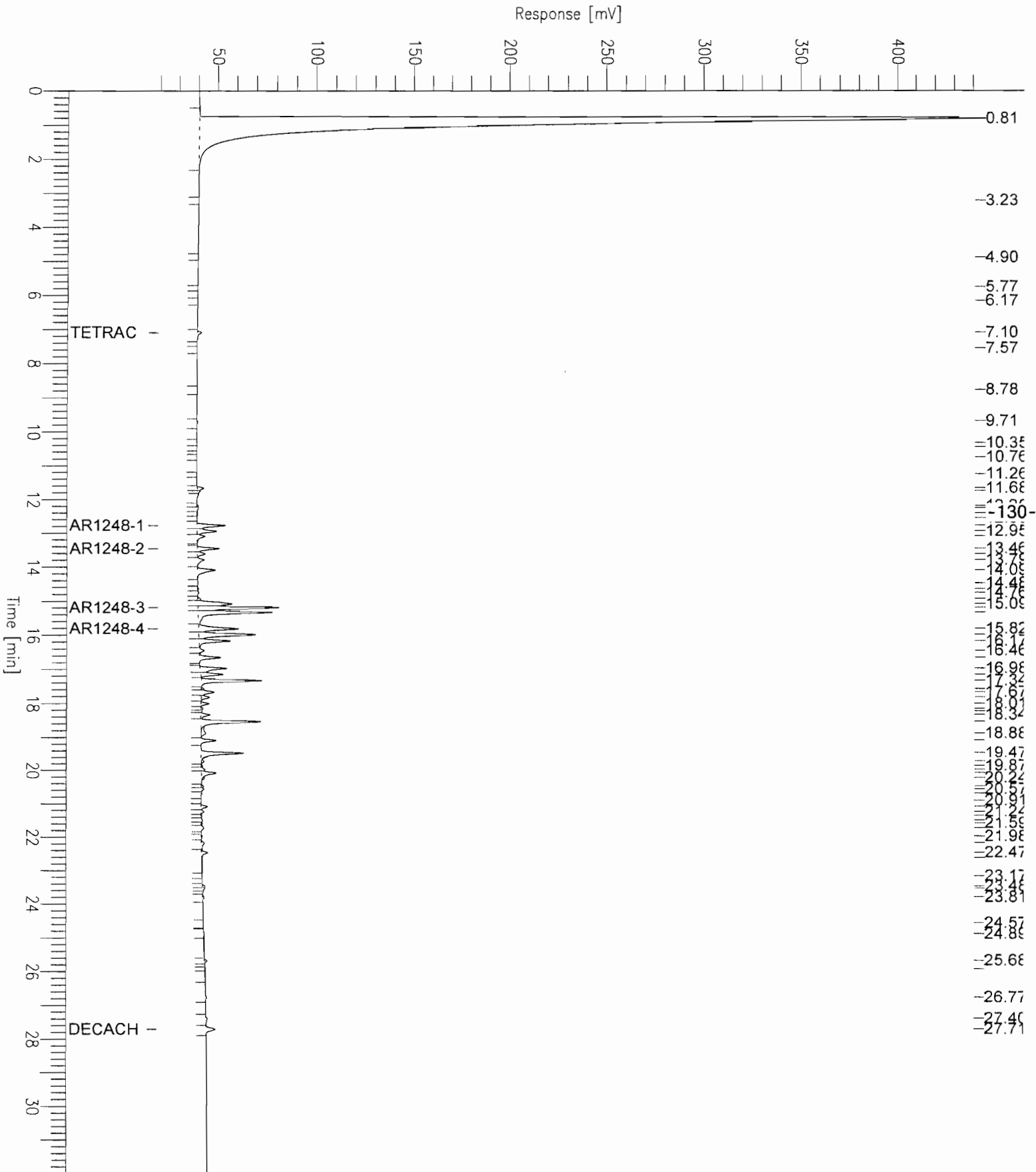
Report stored in ASCII file: C:\DATA65\HC09004.TX0

Chromatogram - ECD#1

Sample Name : u0511380-001a
 FileName : C:\DATA65\Hc09004.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 19 mV

Sample #: 4
 Date : 12/11/05 04:40 PM
 Time of Injection: 12/9/05 04:09 PM
 Low Point : 19.19 mV
 Plot Scale: 421.7 mV
 High Point : 440.93 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-001a
Sample Number: 5
Operator : manager

Time : 12/22/05 03:17 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/4

Interface Serial # : NONE Data Acquisition Time: 12/9/05 04:45 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09005.RAW
Result File : C:\DATA65\IC09005.RST
Inst Method : PCB2CH from C:\DATA65\IC09005.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 88

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.467	1503		0.06	0.2065
2	0.716	857		0.04	0.1177
3	1.333	12455115		513.22	1710.7367
4	3.938	2281		0.09	0.3132
5	5.006	235		0.01	0.0323
6	6.193	44749	Tetrachloro-m-xylene	1.84	6.1463
7	6.823	1643		0.07	0.2256
8	7.134	1464		0.06	0.2011

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.369	1138		0.05	0.1563
10	7.712	1514		0.06	0.2080
11	8.044	1022		0.04	0.1403
12	9.160	7584		6.11	20.3833
13	9.862	3746		3.02	10.0689
14	9.963	3347		2.70	8.9944
15	10.347	2938		2.37	7.8969
17	11.119	18893		15.23	50.7779
18	11.266	4685		5.89	19.6263
19	11.477	7164		9.00	30.0101
20	11.569	13072		16.43	54.7547
22	11.965	130679		164.21	547.3833
23	12.073	119150		149.73	499.0894
25	12.839	65838		59.79	199.3037
26	13.120	194474		176.61	588.7038
27	13.401	5657		6.01	20.0190
28	13.627	32958		34.99	116.6405
29	13.780	162429		172.45	574.8492
	14.005	751466	AR1248	184.23	614.0914
31	14.143	587824		624.11	2080.3537
32	14.374	118012		125.30	417.6531
33	14.588	69949		74.27	247.5562
34	14.787	229130		243.27	810.9097
35	14.905	237189		251.83	839.4299
36	14.972	427215		453.58	1511.9463
37	15.219	29968		31.82	106.0579
38	15.519	21269		22.58	75.2741
39	15.724	150232		159.51	531.6843
40	15.926	178196		189.19	630.6484
41	16.110	123900		131.55	438.4928
42	16.315	395103		419.49	1398.3014
43	16.665	12872		13.67	45.5543
44	16.761	7968		8.46	28.1991
45	16.868	105536		112.05	373.4986
46	16.962	73357		77.88	259.6146
47	17.093	341046		362.10	1206.9863
48	17.302	34488		36.62	122.0563
49	17.497	55308		58.72	195.7406
50	17.695	89795		95.34	317.7927
51	18.135	37948		40.29	134.2993
52	18.245	301181		319.77	1065.9037
53	18.489	29703		31.54	105.1207
54	18.663	27290		28.97	96.5827
55	18.875	160227		170.12	567.0561
56	19.065	49008		52.03	173.4425
57	19.182	48475		51.47	171.5556
58	19.357	20940		22.23	74.1072
59	19.501	9375		9.95	33.1773
60	19.692	32249		34.24	114.1333
61	20.044	25151		0.82	2.7306
62	20.147	20066		0.65	2.1785
63	20.379	23948		0.78	2.6000
64	20.476	4932		0.16	0.5355
65	20.557	11110		0.36	1.2062
66	20.643	14603		0.48	1.5854
67	20.788	19516		0.64	2.1188
68	21.012	64237		2.09	6.9741
69	21.208	13314		0.43	1.4455
70	21.371	2827		0.09	0.3069
71	21.470	9853		0.32	1.0697
72	21.754	1373		0.04	0.1491
73	22.219	26051		0.85	2.8283
74	22.344	2970		0.10	0.3224
75	22.577	746		0.02	0.0810
76	22.887	1792		0.06	0.1945
77	23.060	1191		0.04	0.1293
78	23.174	2048		0.07	0.2223
79	23.341	834		0.03	0.0906
80	23.496	637		0.02	0.0692
81	23.594	4337		0.14	0.4708
82	23.988	233		0.01	0.0253
83	24.169	18150		0.59	1.9705
84	24.359	2900		0.09	0.3148
85	24.587	837		0.03	0.0909
86	25.235	9190		0.30	0.9977
87	26.078	88041	Decachlorobiphenyl	2.87	9.5585
88	29.096	33289		1.08	3.6141

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18444530

5789.43

19298.0858

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
30	14.005	385289	AR1248-4	409.07	1363.5671
16	10.661	63101	AR1248-1	50.88	169.5959
21	11.833	154159	AR1248-2	193.72	645.7343
24	12.715	148917	AR1248-3	135.24	450.7949
		751466		788.91	2629.6921

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

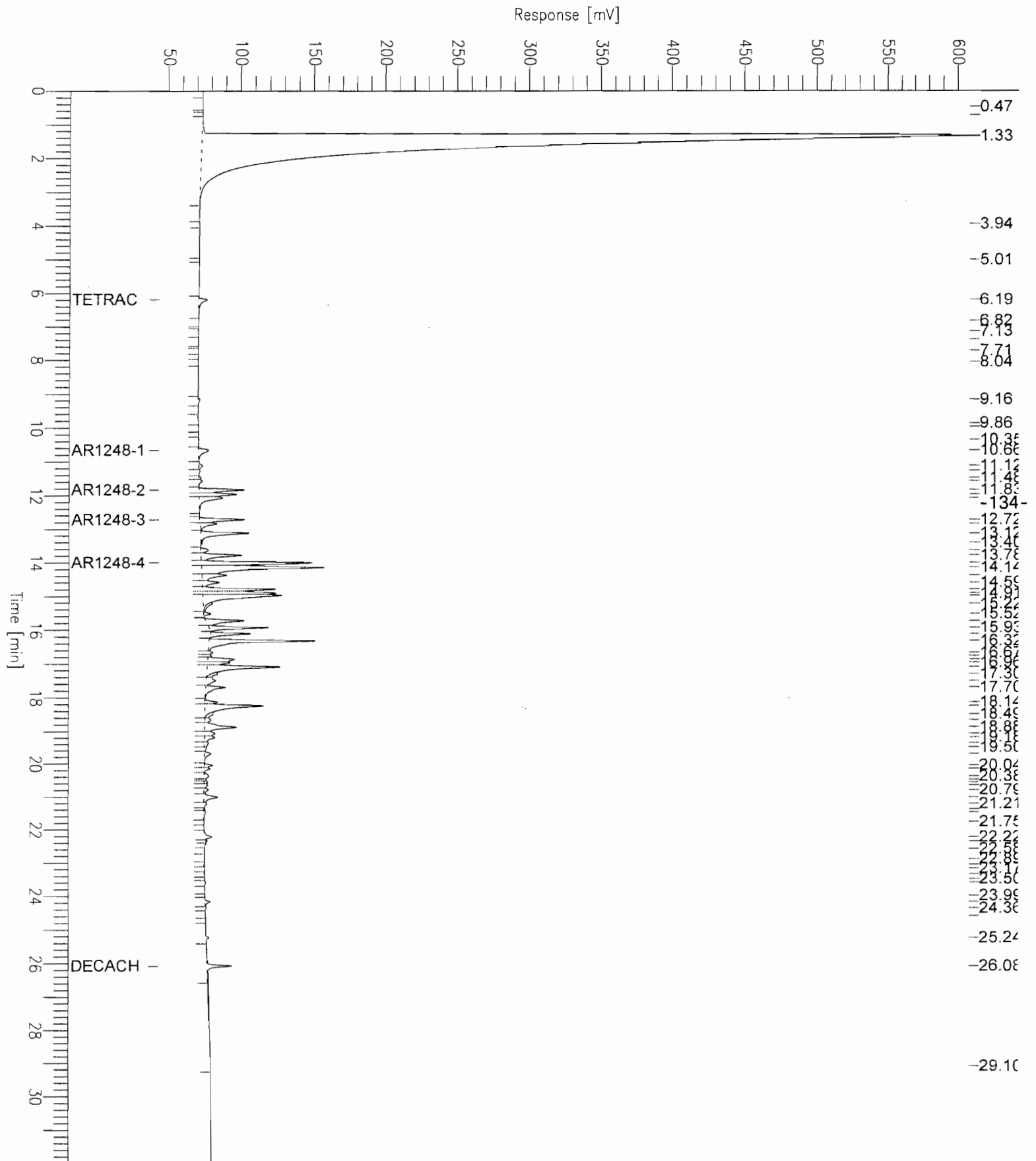
Report stored in ASCII file: C:\DATA65\IC09005.TX0

Chromatogram - ECD#1

Sample Name : u0511380-001a
 FileName : C:\DATA65\Ic09005.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 44 mV

Sample #: 5
 Date : 12/22/05 03:17 PM
 Time of Injection: 12/9/05 04:45 PM
 Low Point : 43.79 mV
 Plot Scale: 564.3 mV
 High Point : 608.11 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET
NYSDEC SAMPLE NO. SS-102 DUP

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170	Case No.:	SAS No.:	SDG No.: DEC21
Matrix: SOIL		Lab Sample ID:	U0511380-002A
Sample wt.: 30 (G)		Lab File ID:	12856
% Moisture: 11.1	Decanted: <u>NO</u>	Date Received:	11/23/05
Extraction: SONC		Date Extracted:	11/29/05
Conc Extract Vol.: 10 (ML)		Date Analyzed:	12/9/05
Injection Vol.: 2 (uL)		Time Analyzed:	4:45PM
GPC Cleanup: No	pH:	Dilution Factor:	100
Instr. ID: <u>ULI 65.0</u>		Sulfur Cleanup:	Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	3700	U
11104-28-2	Aroclor 1221	3700	U
11141-16-5	Aroclor 1232	3700	U
53469-21-9	Aroclor 1242	3700	U
12672-29-6	Aroclor 1248	6300	
11097-69-1	Aroclor 1254	3700	U
11096-82-5	Aroclor 1260	3700	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 Client Sample ID: SS-102 Dup
Lab Order: U0511380 Collection Date: 11/21/2005 1:20:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-002 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: CC
Percent Moisture	11.1	0.00100		wt%	1	12/7/2005

Approved By: _____ Date: _____ Page 2 of 30

- Qualifiers: * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>
Sample Name : u0511380-002a
Sample Number: 7
Operator : manager

Time : 12/9/05 10:58 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/7

Interface Serial # : NONE Data Acquisition Time: 12/5/05 09:42 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05007.RAW
Result File : C:\DATA65\HC05007.RST
Inst Method : PCB2CH from C:\DATA65\HC05007.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 118

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	6616482		743.38	247.7937
2	2.243	2864		0.32	0.1073
3	2.447	701		0.08	0.0263
4	3.043	218		0.02	0.0082
5	3.176	1636		0.18	0.0613
6	3.650	925		0.10	0.0347
7	3.767	3093		0.35	0.1158
8	4.406	7504		0.84	0.2810

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.574	523		0.06	0.0196
10	5.231	1946		0.22	0.0729
11	5.450	1563		0.18	0.0585
12	5.577	3600		0.40	0.1348
13	6.015	1919		0.22	0.0719
14	6.157	917		0.10	0.0343
15	6.682	8795		0.99	0.3294
16	7.101	134854	Tetrachloro-m-xylene	15.15	5.0504
17	7.562	11978		1.35	0.4486
18	7.689	6196		0.70	0.2321
19	8.068	678		0.08	0.0254
20	8.256	2296		0.26	0.0860
21	8.374	2790		0.31	0.1045
22	8.561	10131		1.14	0.3794
23	8.778	26619		2.99	0.9969
24	9.180	795		0.09	0.0298
25	9.705	87158		9.79	3.2641
26	9.804	33304		3.74	1.2473
27	10.039	8749		22.05	7.3484
28	10.349	25751		64.88	21.6277
29	10.467	46162		116.31	38.7698
30	10.760	10881		27.42	9.1388
31	10.994	723		1.82	0.6073
32	11.140	148		0.37	0.1247
33	11.264	52150		131.40	43.7991
34	11.673	765505		1928.78	642.9260
35	11.757	715302		1802.29	600.7620
36	12.203	117318		295.60	98.5323
37	12.268	248819		626.93	208.9761
38	12.416	72506		182.69	60.8956
39	12.556	10255		25.84	8.6133
41	12.948	1900439		4788.37	1596.1246
42	13.101	795606		2004.62	668.2070
44	13.616	953940		2386.83	795.6105
45	13.794	1007639		2521.19	840.3967
46	14.093	2606561		6521.82	2173.9386
47	14.473	36476		73.61	24.5372
48	14.640	102312		206.48	68.8253
49	14.754	115020		232.12	77.3735
50	14.939	266846		538.52	179.5066
51	15.085	3722225		7511.80	2503.9335
	15.180	14412189	AR1248	8741.84	2913.9455
53	15.315	6921876		13969.00	4656.3319
55	15.993	5492020		15402.17	5134.0573
56	16.168	2545612		7139.08	2379.6921
57	16.453	489064		1371.56	457.1878
58	16.655	1834570		5144.99	1714.9956
59	16.976	2916214		8178.42	2726.1395
60	17.156	2095228		5875.99	1958.6639
61	17.330	4794047		13444.73	4481.5771
62	17.671	1621647		4547.85	1515.9500
63	17.819	676542		1897.34	632.4457
64	18.011	515694		1446.25	482.0822
65	18.153	171485		480.92	160.3080
66	18.229	139973		392.55	130.8499
67	18.337	625168		1753.26	584.4207
68	18.534	4497882		12614.15	4204.7161
69	18.887	977478		2741.30	913.7674
70	19.091	1094374		3069.13	1023.0442
71	19.467	4992434		14001.10	4667.0335
72	19.731	371797		1042.69	347.5640
73	19.869	132134		370.56	123.5214
74	19.979	385598		1081.39	360.4650
75	20.085	1988003		5575.28	1858.4276
76	20.361	28634		80.30	26.7678
77	20.481	200003		560.90	186.9673
78	20.568	137744		386.30	128.7659
79	20.694	149700		419.83	139.9430
80	20.900	46731		131.06	43.6851
81	21.083	702526		1970.21	656.7362
82	21.243	228101		639.70	213.2336
83	21.357	71872		201.56	67.1871
84	21.500	123409		346.10	115.3656
85	21.590	94570		265.22	88.4061
86	21.731	282968		793.57	264.5247
87	21.976	75743		4.49	1.4983
88	22.166	248669		14.76	4.9189
89	22.289	49433		2.93	0.9778
90	22.469	527709		31.32	10.4386
91	22.627	85023		5.05	1.6818

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.016	4496		0.27	0.0889
93	23.170	12716		0.75	0.2515
94	23.309	7750		0.46	0.1533
95	23.475	259814		15.42	5.1393
96	23.544	151485		8.99	2.9965
97	23.633	56652		3.36	1.1206
98	23.806	164396		9.76	3.2519
99	24.386	2914		0.17	0.0576
100	24.559	14820		0.88	0.2932
101	24.681	4258		0.25	0.0842
102	24.889	87610		5.20	1.7330
103	25.201	580		0.03	0.0115
104	25.464	3510		0.21	0.0694
105	25.681	205231		12.18	4.0597
106	25.918	14546		0.86	0.2877
107	26.315	33720		2.00	0.6670
108	26.772	75854		4.50	1.5005
109	27.370	129052		7.66	2.5528
110	27.713	287724	Decachlorobiphenyl	17.07	5.6914
111	28.406	707		0.04	0.0140
112	29.211	7379		0.44	0.1460
113	29.344	6164		0.37	0.1219
114	29.592	7077		0.42	0.1400
115	29.833	3441		0.20	0.0681
116	30.602	4375		0.26	0.0865
117	30.980	13863		0.82	0.2742
118	31.376	7907		0.47	0.1564
		84862725		169022.67	56340.8901

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
54	15.813	4558971	AR1248-4	12785.47	4261.8238
40	12.777	1923476	AR1248-1	4846.42	1615.4728
43	13.458	2087339	AR1248-2	5222.68	1740.8946
52	15.180	5842402	AR1248-3	11790.52	3930.1724
		14412189		34645.09	11548.3636

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC05007.TX0

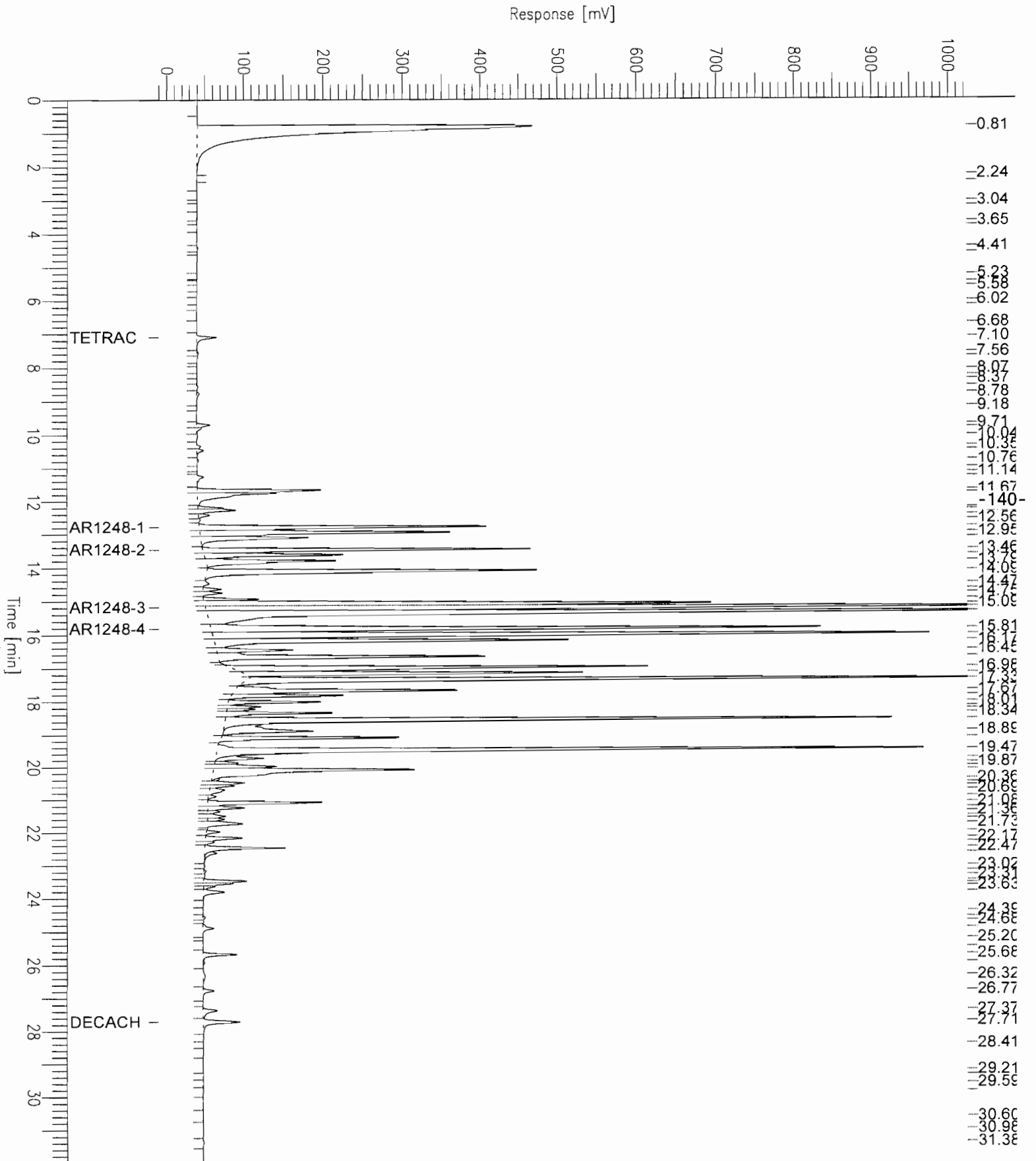
Chromatogram - ECD#1

Sample Name : u0511380-002a
FileName : C:\DATA65\Hc05007.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: -10 mV

Sample #: 7
Date : 12/9/05 10:58 AM
Time of Injection: 12/5/05 09:42 PM
Low Point : -10.11 mV
Plot Scale: 1034.1 mV
High Point : 1024.00 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : u0511380-002a

Time : 12/9/05 12:44 PM

Sample Number: 8

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/7

Interface Serial # : NONE Data Acquisition Time: 12/5/05 10:18 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05008.RAW

Result File : C:\DATA65\IC05008.RST

Inst Method : PCB2CH from C:\DATA65\IC05008.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-141-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 129

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.505	7682		0.32	0.1055
2	1.339	13357401		550.40	183.4668
3	3.050	1378		0.06	0.0189
4	3.560	9197		0.38	0.1263
5	3.917	5505		0.23	0.0756
6	4.116	2705		0.11	0.0372
7	4.395	20443		0.84	0.2808
8	5.010	8098		0.33	0.1112

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.223	18371		0.76	0.2523
10	5.547	5208		0.21	0.0715
11	5.843	5450		0.22	0.0749
12	6.190	428808	Tetrachloro-m-xylene	17.67	5.8898
13	6.784	471		0.02	0.0065
14	7.130	22243		0.92	0.3055
15	7.357	19807		0.82	0.2721
16	7.620	131		0.01	0.0018
17	7.706	12632		0.52	0.1735
18	8.036	19650		0.81	0.2699
19	8.173	32187		1.33	0.4421
20	8.542	3636		2.93	0.9773
21	9.028	6610		5.33	1.7766
22	9.155	315173		254.13	84.7086
23	9.518	17693		14.27	4.7553
24	9.848	98321		79.28	26.4255
25	9.949	115525		93.15	31.0495
26	10.335	121847		98.25	32.7488
28	11.116	636607		513.30	171.1001
29	11.257	132220		166.15	55.3837
30	11.467	372893		468.59	156.1956
31	11.563	439333		552.08	184.0255
33	11.954	3065173		3851.77	1283.9236
34	12.066	2790836		3507.03	1169.0109
35	12.573	3319		3.01	1.0046
	12.704	16187348	AR1248	3968.45	1322.8161
37	12.830	2056672		1867.77	622.5884
38	13.098	5807854		5274.40	1758.1325
39	13.396	220251		233.85	77.9485
40	13.621	1124885		1194.32	398.1055
41	13.767	4550464		4831.33	1610.4440
43	14.092	8206996		8713.56	2904.5188
44	14.367	1576985		1674.32	558.1073
45	14.579	956672		1015.72	338.5736
46	14.765	3903396		4144.33	1381.4417
47	14.843	13283825		14103.74	4701.2475
48	15.216	298843		317.29	105.7629
49	15.512	542371		575.85	191.9493
50	15.712	3995336		4241.94	1413.9800
51	15.907	4453139		4728.00	1576.0002
52	16.099	3472920		3687.28	1229.0932
53	16.283	7210223		7655.26	2551.7531
54	16.584	38543		40.92	13.6406
55	16.659	297669		316.04	105.3474
56	16.749	361826		384.16	128.0529
57	16.854	4851433		5150.88	1716.9592
58	17.060	6388071		6782.36	2260.7873
59	17.298	243851		258.90	86.3008
60	17.492	1437205		1525.91	508.6378
61	17.686	1524143		1618.22	539.4060
62	17.780	520071		552.17	184.0570
63	17.901	63588		67.51	22.5044
64	18.129	1131525		1201.37	400.4555
65	18.202	7354272		7808.20	2602.7332
66	18.486	468122		497.02	165.6721
67	18.653	656650		697.18	232.3935
68	18.863	3772489		4005.34	1335.1128
69	19.034	1213190		1288.07	429.3571
70	19.179	994701		1056.10	352.0322
71	19.352	414436		440.02	146.6722
72	19.502	164634		174.80	58.2654
73	19.688	567248		602.26	200.7534
74	19.881	17762		18.86	6.2862
75	20.034	823141		26.81	8.9367
76	20.140	417587		13.60	4.5336
77	20.308	833327		27.14	9.0472
78	20.468	34879		1.14	0.3787
79	20.550	184837		6.02	2.0067
80	20.626	350552		11.42	3.8059
81	20.776	226093		7.36	2.4546
82	21.002	1274904		41.52	13.8413
83	21.194	163400		5.32	1.7740
84	21.366	65738		2.14	0.7137
85	21.548	19013		0.62	0.2064
86	21.740	13442		0.44	0.1459
87	21.899	4675		0.15	0.0508
88	22.067	151236		4.93	1.6419
89	22.213	944670		30.77	10.2561
90	22.338	228645		7.45	2.4823
91	22.406	195195		6.36	2.1192

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.573	62048		2.02	0.6736
93	22.763	20458		0.67	0.2221
94	22.877	27294		0.89	0.2963
95	23.043	32874		1.07	0.3569
96	23.170	37755		1.23	0.4099
97	23.336	15411		0.50	0.1673
98	23.496	12762		0.42	0.1386
99	23.584	149390		4.87	1.6219
100	23.840	699		0.02	0.0076
101	23.977	8087		0.26	0.0878
102	24.158	517615		16.86	5.6196
103	24.346	32640		1.06	0.3544
104	24.546	17829		0.58	0.1936
105	24.697	3486		0.11	0.0378
106	24.823	1369		0.04	0.0149
107	24.942	903		0.03	0.0098
108	25.074	1399		0.05	0.0152
109	25.228	191840		6.25	2.0828
110	25.586	9510		0.31	0.1033
111	25.718	7420		0.24	0.0806
112	25.865	166309		5.42	1.8056
113	26.072	683579	Decachlorobiphenyl	22.26	7.4215
114	26.678	61496		2.00	0.6677
115	27.313	59216		1.93	0.6429
116	27.531	59949		1.95	0.6509
117	27.781	13365		0.44	0.1451
118	28.011	29920		0.97	0.3248
119	28.180	25523		0.83	0.2771
120	28.357	42667		1.39	0.4632
121	28.493	51902		1.69	0.5635
122	28.884	15538		0.51	0.1687
123	29.076	39580		1.29	0.4297
124	29.352	11440		0.37	0.1242
125	29.995	1340		0.04	0.0145
126	30.308	6048		0.20	0.0657
127	30.868	2404		0.08	0.0261
128	31.157	1065		0.03	0.0116
129	31.422	431		0.01	0.0047

		140780058		113170.96	37723.6534

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
42	13.970	6118592	AR1248-4	6496.25	2165.4168
27	10.659	2491212	AR1248-1	2008.68	669.5603
32	11.821	3396736	AR1248-2	4268.42	1422.8072
36	12.704	4180807	AR1248-3	3796.80	1265.5987

		16187348		16570.15	5523.3830

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 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

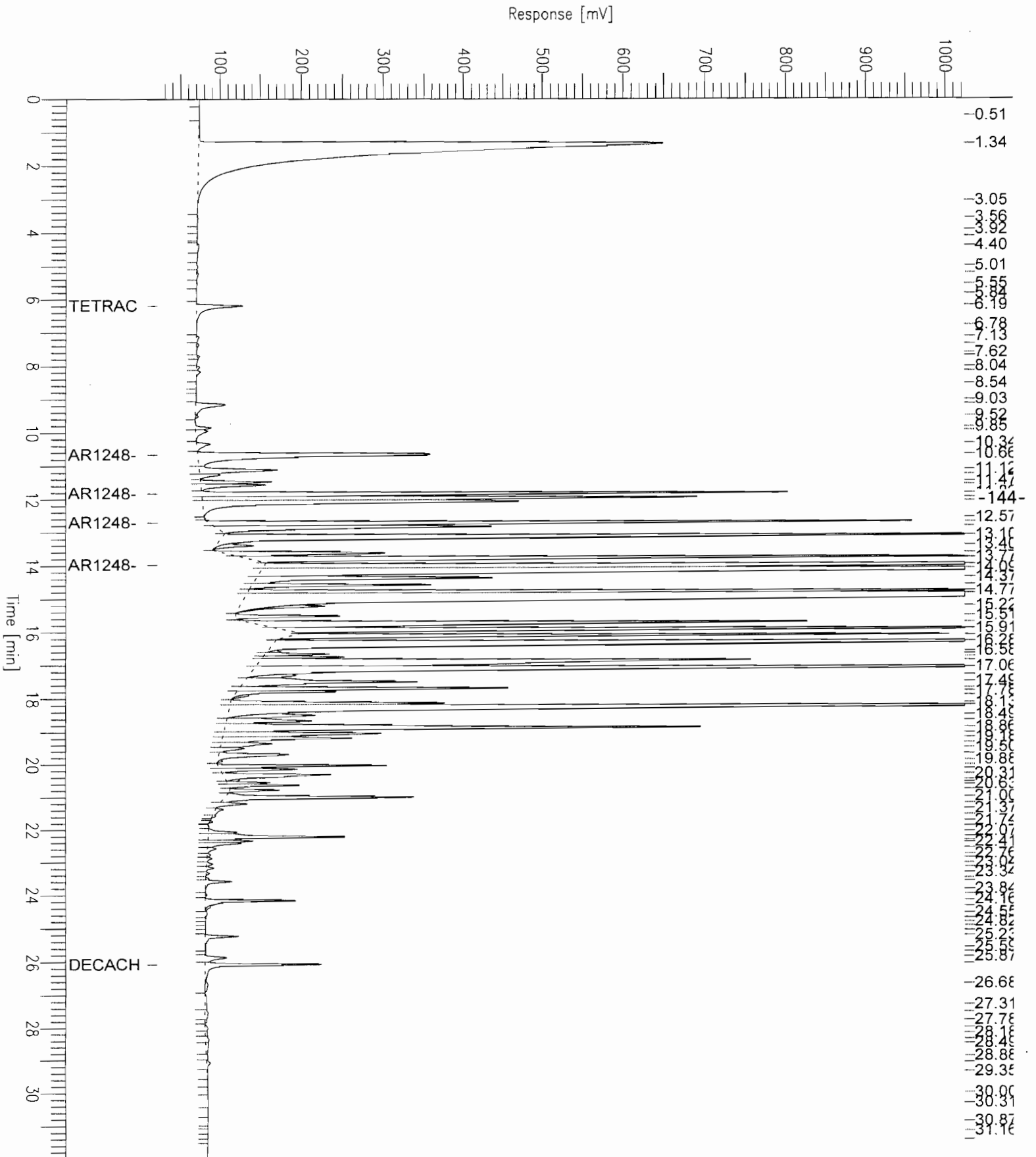
Report stored in ASCII file: C:\DATA65\IC05008.TX0

Chromatogram - ECD#1

Sample Name : u0511380-002a
FileName : C:\DATA65\Ic05008.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 21 mV

Sample #: 8
Date : 12/9/05 12:44 PM
Time of Injection: 12/5/05 10:18 PM
Low Point : 20.83 mV
High Point : 1024.00 mV
Plot Scale: 1003.2 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-002a
Sample Number: 5
Operator : manager

Time : 12/11/05 04:40 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/5

Interface Serial # : NONE Data Acquisition Time: 12/9/05 04:45 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09005.RAW
Result File : C:\DATA65\HC09005.RST
Inst Method : PCB2CH from C:\DATA65\HC09005.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 69

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	1229397		138.13	4604.2110
2	3.230	450		0.05	1.6842
3	4.898	590		0.07	2.2089
4	6.170	1587		0.18	5.9453
5	7.098	995	Tetrachloro-m-xylene	0.11	3.7280
6	9.705	685		0.08	2.5649
7	11.266	311		0.78	26.1137
8	11.674	8312		20.94	698.1019

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	11.758	2410		6.07	202.4018
10	12.198	1396		3.52	117.2055
11	12.269	2471		6.23	207.5397
12	12.419	758		1.91	63.6803
13	12.561	584		1.47	49.0185
15	12.949	26009		65.53	2184.4321
16	13.100	8741		22.02	734.1618
18	13.616	9201		23.02	767.3988
19	13.792	9374		23.45	781.8260
20	14.092	26289		65.78	2192.5538
21	14.640	1092		2.20	73.4597
22	14.753	1389		2.80	93.4573
23	14.939	2745		5.54	184.6517
24	15.086	50190		101.29	3376.2891
	15.193	203543	AR1248	123.46	4115.3509
26	15.334	96737		195.22	6507.4893
28	15.987	68550		192.25	6408.2384
29	16.170	33668		94.42	3147.3116
30	16.454	5727		16.06	535.3622
31	16.657	23018		64.55	2151.7670
32	16.977	29286		82.13	2737.7614
33	17.156	20637		57.87	1929.1521
34	17.338	57049		159.99	5333.0712
35	17.673	16255		45.59	1519.5390
36	17.830	7919		22.21	740.3249
37	18.012	6615		18.55	618.3710
38	18.155	1516		4.25	141.7420
39	18.228	1034		2.90	96.6810
40	18.340	6699		18.79	626.2811
41	18.540	62963		176.58	5885.9191
42	18.885	10629		29.81	993.6080
43	19.092	12654		35.49	1182.9386
44	19.473	44582		125.03	4167.6014
45	19.730	2436		6.83	227.7404
46	19.869	271		0.76	25.3373
47	19.985	1103		3.09	103.1507
48	20.086	10642		29.85	994.8525
49	20.481	1713		4.80	160.0963
50	20.569	1042		2.92	97.3848
51	20.696	1058		2.97	98.9486
52	20.914	265		0.74	24.7531
53	21.088	6027		16.90	563.3963
54	21.243	2630		7.38	245.8894
55	21.362	603		1.69	56.3990
56	21.505	1127		3.16	105.3625
57	21.592	988		2.77	92.3348
58	21.735	2675		7.50	250.0371
59	21.983	629		0.04	1.2436
60	22.200	5798		0.34	11.4695
61	22.469	4950		0.29	9.7915
62	23.480	995		0.06	1.9688
63	23.809	1516		0.09	2.9997
64	24.894	1052		0.06	2.0817
65	25.682	2748		0.16	5.4360
66	26.414	1830		0.11	3.6197
67	26.779	636		0.04	1.2581
68	27.423	609		0.04	1.2055
69	27.713	2970	Decachlorobiphenyl	0.18	5.8752
		2150373		2049.11	68303.7766

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
27	15.813	54826	AR1248-4	153.76	5125.2646
14	12.779	32397	AR1248-1	81.63	2720.9376
17	13.459	25717	AR1248-2	64.35	2144.9009
25	15.193	90602	AR1248-3	182.84	6094.7775
		203543		482.58	16085.8806

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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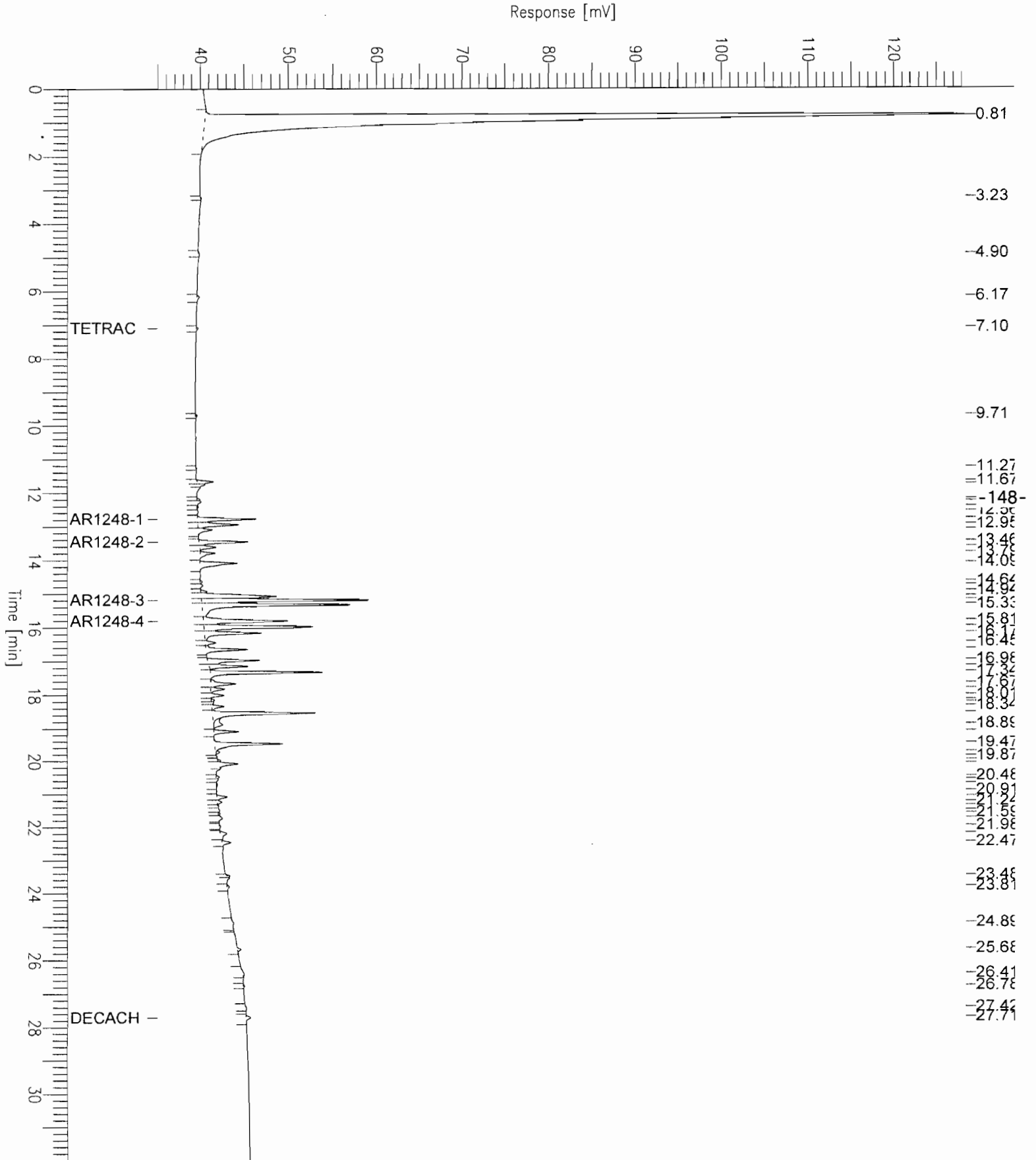
Report stored in ASCII file: C:\DATA65\HC09005.TX0

Chromatogram - ECD#1

Sample Name : u0511380-002a
FileName : C:\DATA65\Hc09005.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 35 mV

Sample #: 5
Date : 12/11/05 04:40 PM
Time of Injection: 12/9/05 04:45 PM
Low Point : 34.98 mV
Plot Scale: 93.4 mV
High Point : 128.42 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-002a
Sample Number: 6
Operator : manager

Time : 12/22/05 03:17 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/5

Interface Serial # : NONE Data Acquisition Time: 12/9/05 05:22 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09006.RAW
Result File : C:\DATA65\IC09006.RST
Inst Method : PCB2CH from C:\DATA65\IC09006.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 71

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.338	2278153		93.87	3129.0924
2	3.117	315		0.01	0.4321
3	3.762	859		0.04	1.1794
4	3.945	2238		0.09	3.0739
5	5.463	545		0.02	0.7491
6	6.192	2609	Tetrachloro-m-xylene	0.11	3.5837
7	6.825	1296		0.05	1.7807
8	9.169	2474		1.99	66.4935

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.856	658		0.53	17.6823
10	9.954	108		0.09	2.9129
11	10.358	1135		0.92	30.5098
13	11.120	4630		3.73	124.4436
14	11.479	2544		3.20	106.5435
15	11.569	5388		6.77	225.6901
17	11.964	51973		65.31	2177.0192
18	12.075	40976		51.49	1716.3636
20	12.838	29335		26.64	888.0247
21	13.118	82102		74.56	2485.3673
22	13.404	2897		3.08	102.5304
23	13.613	11999		12.74	424.6380
24	13.780	61008		64.77	2159.1118
	14.006	282960	AR1248	69.37	2312.3218
26	14.143	223783		237.60	7919.8493
27	14.373	50391		53.50	1783.3595
28	14.585	30940		32.85	1095.0066
29	14.788	81643		86.68	2889.4037
30	14.906	79713		84.63	2821.0877
31	14.972	173523		184.23	6141.1081
32	15.519	9192		9.76	325.3294
33	15.723	50913		54.06	1801.8453
34	15.925	56927		60.44	2014.6907
35	16.108	37899		40.24	1341.2845
36	16.314	133711		141.96	4732.1427
37	16.661	2617		2.78	92.6324
38	16.762	1069		1.13	37.8291
39	16.865	31819		33.78	1126.0913
40	16.961	22603		24.00	799.9437
41	17.093	106963		113.57	3785.5107
42	17.496	10108		10.73	357.7133
43	17.695	10719		11.38	379.3566
44	18.135	9071		9.63	321.0139
45	18.245	60239		63.96	2131.9190
46	18.658	1540		1.64	54.5160
47	18.874	34939		37.10	1236.5267
48	19.069	8710		9.25	308.2415
49	19.181	9053		9.61	320.3920
50	19.357	2168		2.30	76.7157
51	19.702	4431		4.70	156.8151
52	20.046	6961		0.23	7.5577
53	20.145	6426		0.21	6.9767
54	20.377	8231		0.27	8.9367
55	20.555	3256		0.11	3.5345
56	20.650	3441		0.11	3.7360
57	20.783	4528		0.15	4.9162
58	21.015	19101		0.62	20.7372
59	21.204	2334		0.08	2.5345
60	21.366	1243		0.04	1.3493
61	21.475	4853		0.16	5.2684
62	22.219	7437		0.24	8.0740
63	22.343	900		0.03	0.9773
64	22.904	473		0.02	0.5130
65	23.170	341		0.01	0.3707
66	23.597	2665		0.09	2.8935
67	24.169	4109		0.13	4.4607
68	25.236	1584		0.05	1.7201
69	26.076	9009	Decachlorobiphenyl	0.29	9.7803
70	26.718	1316		0.04	1.4285
71	29.118	23165		0.75	25.1500
				1804.52	60150.7839
				4222259	

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
25	14.006	135709	AR1248-4	144.09	4802.8384
12	10.661	25115	AR1248-1	20.25	675.0256
16	11.832	59717	AR1248-2	75.04	2501.4065
19	12.714	62418	AR1248-3	56.68	1889.4979
				296.06	9868.7684
				282960	

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

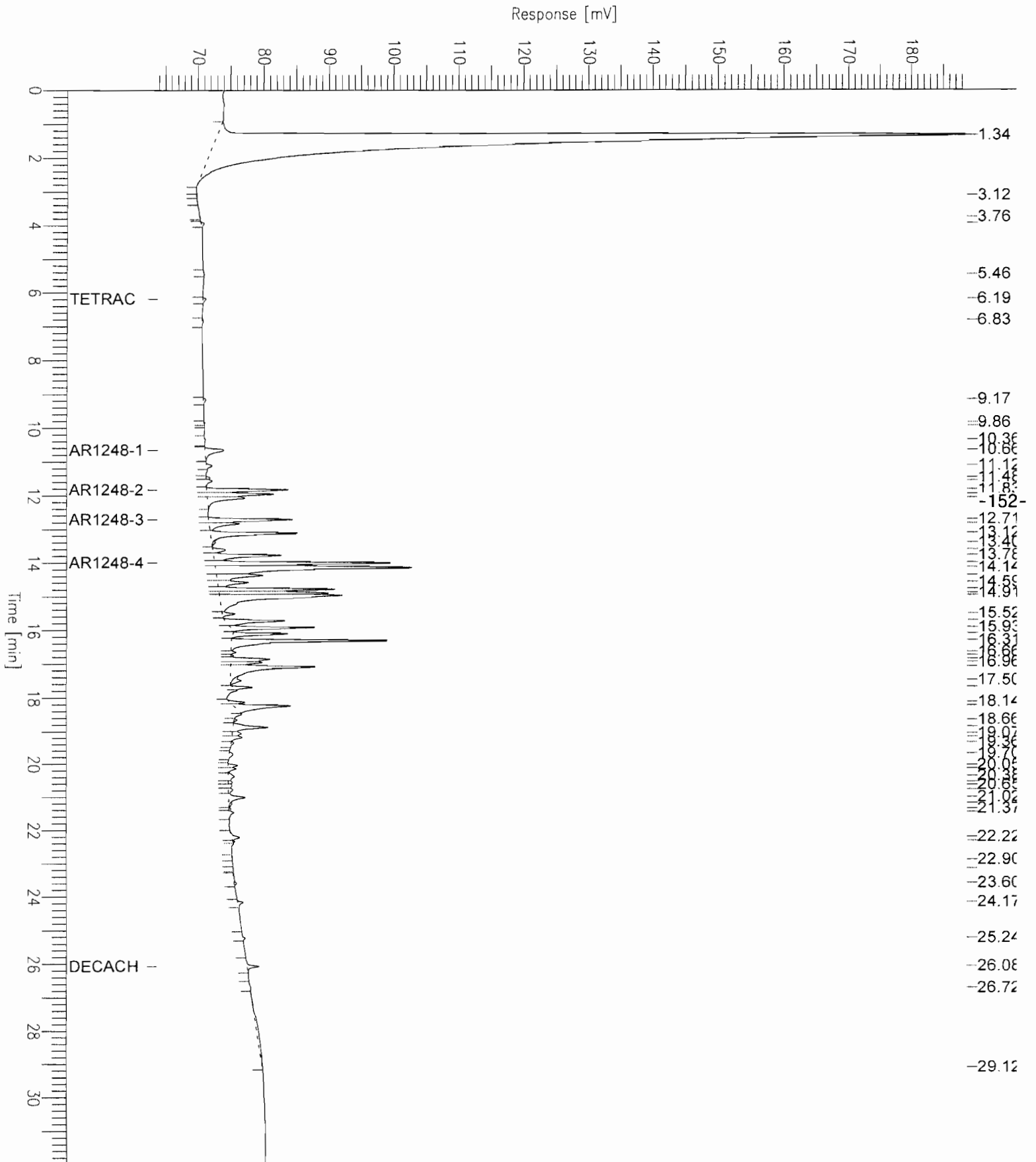
Report stored in ASCII file: C:\DATA65\IC09006.TX0

Chromatogram - ECD#1

Sample Name : u0511380-002a
 FileName : C:\DATA65\Ic09006.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 64 mV

Sample #: 6
 Date : 12/22/05 03:17 PM
 Time of Injection: 12/9/05 05:22 PM
 Low Point : 63.77 mV
 Plot Scale: 124.9 mV
 High Point : 188.70 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-105

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-003A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 23.3

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

5:22PM

GPC Cleanup: No

pH:

Dilution Factor:

1000

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	43000	U
11104-28-2	Aroclor 1221	43000	U
11141-16-5	Aroclor 1232	43000	U
53469-21-9	Aroclor 1242	43000	U
12672-29-6	Aroclor 1248	23671	U
11097-69-1	Aroclor 1254	43000	U
11096-82-5	Aroclor 1260	43000	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8
Lab Order: U0511380
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-003

Client Sample ID: SS-105
Collection Date: 11/21/2005 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	23.3	0.00100		wt%	1	12/7/2005

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Approved By: _____

Date: _____

Page 3 of 30

Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>

Sample Name : u0511380-003a

Time : 12/9/05 10:58 AM

Sample Number: 8

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/8

Interface Serial # : NONE Data Acquisition Time: 12/5/05 10:18 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05008.RAW

Result File : C:\DATA65\HC05008.RST

Inst Method : PCB2CH from C:\DATA65\HC05008.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-155-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 126

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.822	1324713		148.84	49.6118
2	1.811	2170		0.24	0.0813
3	1.950	1070		0.12	0.0401
4	2.387	709		0.08	0.0266
5	2.544	9952		1.12	0.3727
6	2.636	21866		2.46	0.8189
7	2.906	768		0.09	0.0287
8	3.028	222		0.02	0.0083

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.164	2866		0.32	0.1073
10	3.471	1411		0.16	0.0529
11	3.649	2117		0.24	0.0793
12	3.983	976		0.11	0.0365
13	4.406	27122		3.05	1.0157
14	4.576	9799		1.10	0.3670
15	4.944	1569		0.18	0.0588
16	5.231	29270		3.29	1.0962
17	5.578	35298		3.97	1.3219
18	5.956	406		0.05	0.0152
19	6.151	1428		0.16	0.0535
20	6.435	1158		0.13	0.0434
21	6.696	80471		9.04	3.0137
22	7.097	77908	Tetrachloro-m-xylene	8.75	2.9177
23	7.561	9262		1.04	0.3469
24	7.690	11331		1.27	0.4244
25	8.062	3245		0.36	0.1215
26	8.374	16194		1.82	0.6065
27	8.771	73625		8.27	2.7573
28	8.963	7741		0.87	0.2899
29	9.329	2453		0.28	0.0919
30	9.704	172027		19.33	6.4426
31	9.804	55910		6.28	2.0939
32	10.040	18680		47.07	15.6888
33	10.351	37690		94.96	31.6544
34	10.464	110755		279.06	93.0197
35	10.761	20436		51.49	17.1634
36	10.978	1922		4.84	1.6142
37	11.261	299386		754.34	251.4462
38	11.668	3677469		9265.81	3088.6018
39	11.760	4874437		12281.70	4093.9014
40	12.268	1351411		3405.04	1135.0117
41	12.412	89683		225.97	75.3222
42	12.555	26996		68.02	22.6730
	12.755	21106889	AR1248	12802.56	4267.5214
44	12.940	6595156		16617.25	5539.0844
45	13.098	3078610		7756.91	2585.6370
47	13.611	2547618		6374.34	2124.7791
48	13.792	2406658		6021.64	2007.2142
49	14.077	7753638		19400.20	6466.7333
50	14.470	156420		315.67	105.2237
51	14.639	379417		765.70	255.2328
52	14.753	354013		714.43	238.1441
53	14.939	967386		1952.28	650.7586
54	15.030	27633943		55767.90	18589.2986
56	15.945	9613839		26961.67	8987.2220
57	16.150	7430948		20839.83	6946.6093
58	16.451	2045832		5737.46	1912.4871
59	16.653	6309354		17694.36	5898.1191
60	16.952	9459674		26529.32	8843.1055
61	17.137	6649178		18647.38	6215.7935
62	17.297	9534583		26739.39	8913.1315
63	17.581	1471199		4125.92	1375.3083
64	17.673	5391486		15120.23	5040.0765
65	17.817	2373000		6654.99	2218.3314
66	18.008	2630441		7376.98	2458.9924
67	18.152	811406		2275.56	758.5197
68	18.232	1493018		4187.12	1395.7051
69	18.337	2707314		7592.56	2530.8546
70	18.503	8168316		22907.75	7635.9164
71	18.703	2010299		5637.81	1879.2708
72	18.886	3672812		10300.27	3433.4232
73	19.091	3743679		10499.01	3499.6709
74	19.437	10078373		28264.43	9421.4782
75	19.732	1464626		4107.49	1369.1635
76	19.866	568813		1595.22	531.7387
77	19.978	1408711		3950.68	1316.8929
78	20.079	6551318		18372.94	6124.3118
79	20.362	133917		375.56	125.1883
80	20.482	735069		2061.47	687.1581
81	20.568	641820		1799.96	599.9868
82	20.759	822133		2305.64	768.5472
83	20.901	132623		371.94	123.9791
84	21.083	1972216		5531.01	1843.6701
85	21.245	662851		1858.94	619.6469
86	21.356	198600		556.97	185.6553
87	21.502	550600		1544.14	514.7127
88	21.589	298894		838.24	279.4127
89	21.731	944615		2649.14	883.0462
90	21.877	8605		0.51	0.1702

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	21.978	259899		15.42	5.1410
92	22.167	732192		43.45	14.4834
93	22.290	120639		7.16	2.3863
94	22.470	1508736		89.53	29.8441
95	22.628	228420		13.56	4.5184
96	23.014	12760		0.76	0.2524
97	23.170	46023		2.73	0.9104
98	23.313	34929		2.07	0.6909
99	23.477	802422		47.62	15.8726
100	23.543	498959		29.61	9.8698
101	23.633	197554		11.72	3.9078
102	23.810	519901		30.85	10.2841
103	24.090	9586		0.57	0.1896
104	24.333	8075		0.48	0.1597
105	24.560	41367		2.45	0.8183
106	24.677	13323		0.79	0.2635
107	24.891	275806		16.37	5.4557
108	25.074	23729		1.41	0.4694
109	25.462	16774		1.00	0.3318
110	25.683	621972		36.91	12.3032
111	25.917	49526		2.94	0.9797
112	26.304	218075		12.94	4.3137
113	26.775	230301		13.67	4.5556
114	27.371	716757		42.53	14.1781
115	27.713	278217	Decachlorobiphenyl	16.51	5.5034
116	28.148	30242		1.79	0.5982
117	28.496	12915		0.77	0.2555
118	28.859	753		0.04	0.0149
119	28.973	1890		0.11	0.0374
120	29.350	75195		4.46	1.4874
121	29.830	14107		0.84	0.2790
122	30.127	9100		0.54	0.1800
123	30.302	6010		0.36	0.1189
124	30.482	14706		0.87	0.2909
125	30.979	59221		3.51	1.1715
126	31.378	80764		4.79	1.5976
205934678				471663.23	1.5722e+05

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
55	15.780	9090272	AR1248-4	25493.34	8497.7802
43	12.755	6264249	AR1248-1	15783.50	5261.1653
46	13.447	5752368	AR1248-2	14392.87	4797.6223
0	15.169	0	AR1248-3	0.00	0.0000
21106889				55669.70	18556.5678

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC05008.TX0

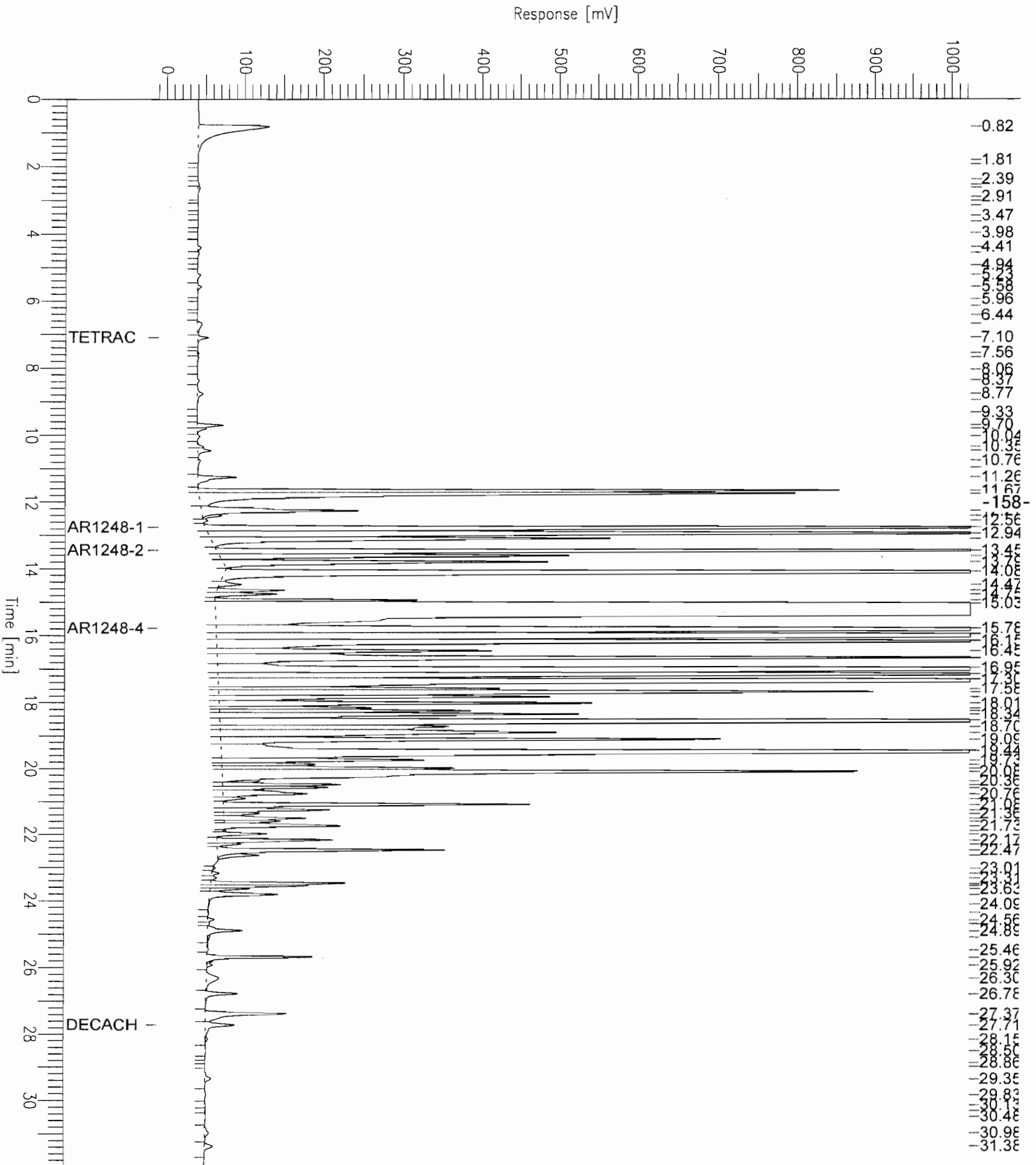
Chromatogram - ECD#1

Sample Name : u0511380-003a
FileName : C:\DATA65\Hc05008.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: -10 mV

Sample #: 8
Date : 12/9/05 10:58 AM
Time of Injection: 12/5/05 10:18 PM
Low Point : -10.01 mV
Plot Scale: 1034.0 mV
High Point : 1024.00 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : u0511380-003a

Time : 12/9/05 12:44 PM

Sample Number: 9

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/8

Interface Serial # : NONE Data Acquisition Time: 12/5/05 10:54 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05009.RAW

Result File : C:\DATA65\IC05009.RST

Inst Method : PCB2CH from C:\DATA65\IC05009.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 136

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.533	1634		0.07	0.0224
2	1.343	2550693		105.10	35.0343
3	2.853	45780		1.89	0.6288
4	3.051	9515		0.39	0.1307
5	3.214	3457		0.14	0.0475
6	3.561	19825		0.82	0.2723
7	3.908	7069		0.29	0.0971
8	4.128	9026		0.37	0.1240

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.354	54818		2.26	0.7529
10	4.451	97677		4.02	1.3416
11	5.012	69382		2.86	0.9530
12	5.225	100342		4.13	1.3782
13	5.546	30526		1.26	0.4193
14	5.828	24270		1.00	0.3333
15	5.973	10029		0.41	0.1378
16	6.189	241653	Tetrachloro-m-xylene	9.96	3.3192
17	6.494	27165		1.12	0.3731
18	6.627	17000		0.70	0.2335
19	6.761	16650		0.69	0.2287
20	6.936	32846		1.35	0.4511
21	7.139	51133		2.11	0.7023
22	7.351	57373		2.36	0.7880
23	7.615	28632		1.18	0.3933
24	7.704	40220		1.66	0.5524
25	7.814	70472		2.90	0.9679
26	8.037	103668		4.27	1.4239
27	8.242	18633		0.77	0.2559
28	8.387	22487		0.93	0.3089
29	8.532	35714		28.80	9.5987
30	8.797	31801		25.64	8.5470
31	9.021	54768		44.16	14.7199
32	9.154	526666		424.65	141.5515
33	9.327	120047		96.79	32.2648
34	9.513	31193		25.15	8.3836
35	9.848	158559		127.85	42.6158
36	9.948	102492		82.64	27.5465
37	10.334	638223		514.60	171.5344
	10.620	39536062	AR1248	9692.56	3230.8529
39	11.114	1692903		1365.00	454.9996
40	11.464	1405526		1766.22	588.7394
41	11.563	871709		1095.41	365.1368
43	11.925	6453974		8110.22	2703.4067
44	12.037	7243071		9101.82	3033.9396
45	12.570	22901		20.80	6.9326
47	12.829	4683780		4253.57	1417.8569
48	13.077	8510662		7728.95	2576.3167
49	13.396	639391		678.86	226.2855
50	13.634	2423140		2572.70	857.5679
51	13.737	6588511		6995.17	2331.7245
53	14.372	3601577		3823.88	1274.6256
54	14.578	2915195		3095.13	1031.7098
55	14.747	18949764		20119.40	6706.4668
56	15.222	1727963		1834.62	611.5394
57	15.514	1498350		1590.83	530.2776
58	15.687	7893384		8380.59	2793.5290
59	15.883	6339753		6731.06	2243.6874
60	16.077	5372355		5703.95	1901.3176
61	16.262	8911407		9461.45	3153.8153
62	16.662	1055372		1120.51	373.5043
63	16.746	290741		308.69	102.8956
64	16.830	7076912		7513.72	2504.5736
65	17.030	6607138		7014.95	2338.3169
66	17.490	1524537		1618.64	539.5453
67	17.685	2744457		2913.85	971.2844
68	17.783	1958276		2079.15	693.0489
69	17.885	529053		561.71	187.2359
70	18.132	3652920		3878.39	1292.7964
71	18.190	9583904		10175.45	3391.8171
72	18.485	1114612		1183.41	394.4696
73	18.651	1386480		1472.06	490.6858
74	18.835	7972681		8464.78	2821.5929
75	19.032	3553235		3772.55	1257.5171
76	19.179	2210710		2347.16	782.3872
77	19.355	935857		993.62	331.2070
78	19.501	374475		397.59	132.5295
79	19.681	1570648		1667.59	555.8643
80	19.884	107269		113.89	37.9633
81	20.031	1916297		2034.58	678.1923
82	20.140	1082663		35.26	11.7542
83	20.306	2528961		82.37	27.4553
84	20.550	358292		11.67	3.8899
85	20.625	920833		29.99	9.9973
86	20.777	763523		24.87	8.2894
87	21.001	2875485		93.66	31.2185
88	21.194	416015		13.55	4.5166
89	21.365	160115		5.21	1.7383
90	21.484	636		0.02	0.0069
91	21.747	57884		1.89	0.6284

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.907	12601		0.41	0.1368
93	22.063	487969		15.89	5.2978
94	22.212	2302761		75.00	25.0005
95	22.339	594308		19.36	6.4523
96	22.406	461941		15.05	5.0152
97	22.573	161241		5.25	1.7506
98	22.761	54566		1.78	0.5924
99	22.874	73098		2.38	0.7936
100	23.040	83005		2.70	0.9012
101	23.171	86620		2.82	0.9404
102	23.335	47924		1.56	0.5203
103	23.499	25576		0.83	0.2777
104	23.582	407947		13.29	4.4290
105	23.981	37032		1.21	0.4020
106	24.157	1195497		38.94	12.9792
107	24.357	113758		3.71	1.2350
108	24.550	38386		1.25	0.4167
109	24.694	11237		0.37	0.1220
110	24.814	15009		0.49	0.1629
111	25.229	446390		14.54	4.8463
112	25.445	35049		1.14	0.3805
113	25.579	11224		0.37	0.1219
114	25.705	84467		2.75	0.9170
115	25.854	763867		24.88	8.2931
116	26.073	450044		14.66	4.8860
117	26.166	170282	Decachlorobiphenyl	5.55	1.8487
118	26.684	131838		4.29	1.4313
119	27.107	22515		0.73	0.2444
120	27.302	18704		0.61	0.2031
121	27.524	106650		3.47	1.1579
122	27.849	13331		0.43	0.1447
123	28.182	6773		0.22	0.0735
124	28.321	5638		0.18	0.0612
125	28.486	61355		2.00	0.6661
126	28.894	14038		0.46	0.1524
127	29.076	194417		6.33	2.1107
128	29.318	19441		0.63	0.2111
129	29.615	1234		0.04	0.0134
130	29.977	4505		0.15	0.0489
131	30.312	22296		0.73	0.2421
132	30.478	14520		0.47	0.1576
133	30.854	12473		0.41	0.1354
134	31.153	9956		0.32	0.1081
135	31.430	5884		0.19	0.0639
136	31.574	19091		0.62	0.2073
		216929150		175866.71	58622.2363

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
52	13.953	15495895	AR1248-4	16452.35	5484.1162
38	10.620	10707150	AR1248-1	8633.24	2877.7483
42	11.793	6635158	AR1248-2	8337.90	2779.3001
46	12.677	6697859	AR1248-3	6082.65	2027.5516
		39536062		39506.15	13168.7162

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

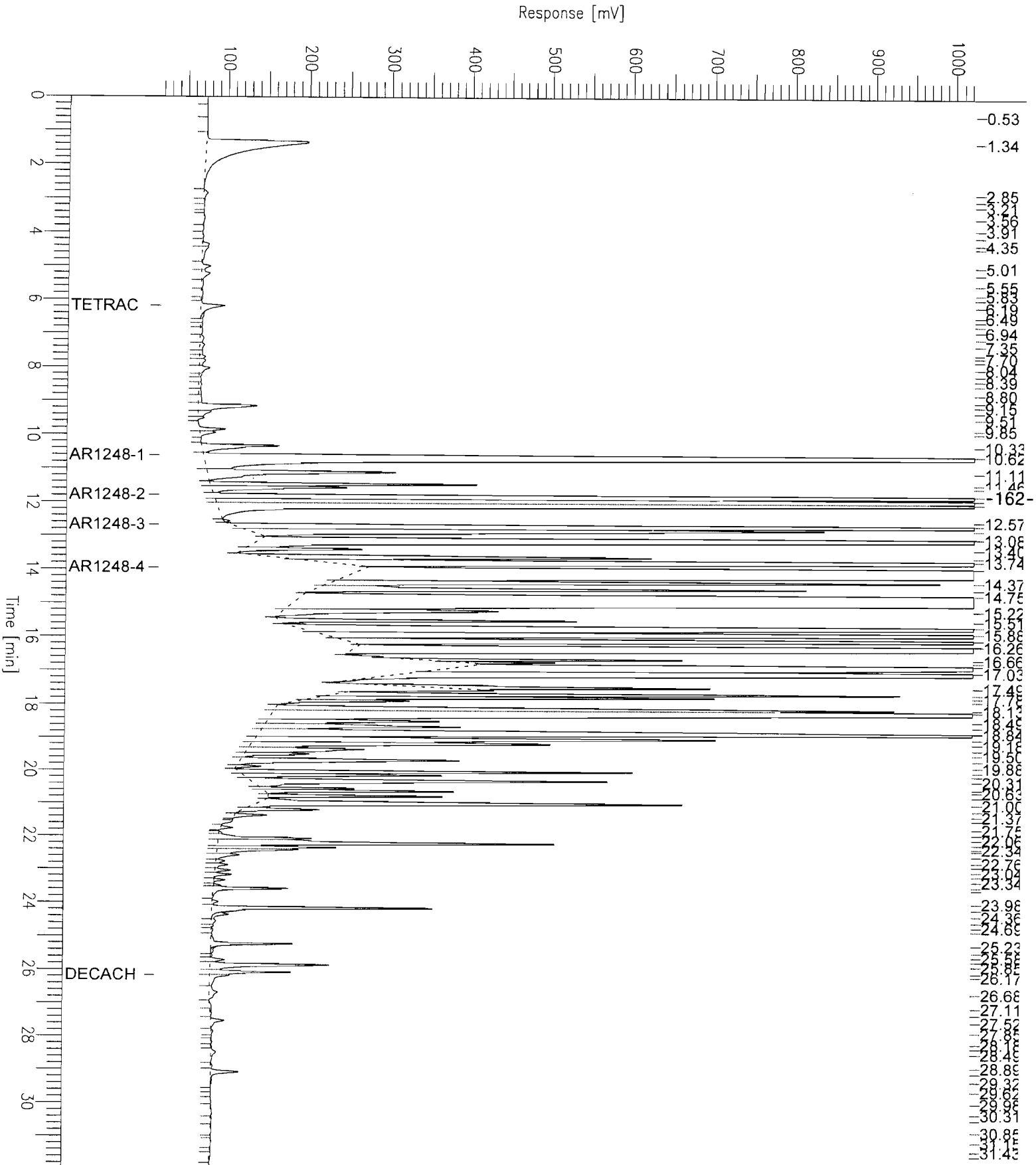
Report stored in ASCII file: C:\DATA65\IC05009.TX0

Chromatogram - ECD#1

Sample Name : u0511380-003a
 FileName : C:\DATA65\Ic05009.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 17 mV

Sample #: 9
 Date : 12/9/05 12:44 PM
 Time of Injection: 12/5/05 10:54 PM
 Low Point : 16.68 mV
 High Point : 1024.00 mV
 Plot Scale: 1007.3 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-003a
Sample Number: 6
Operator : manager

Time : 12/11/05 04:40 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/6

Interface Serial # : NONE Data Acquisition Time: 12/9/05 05:22 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09006.RAW
Result File : C:\DATA65\HC09006.RST
Inst Method : PCB2CH from C:\DATA65\HC09006.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1000.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 53

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.809	1142954		128.41	42804.7453
2	3.239	624		0.07	23.3718
3	4.906	668		0.08	25.0166
4	6.171	748		0.08	27.9982
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
5	11.261	208		0.52	174.7918
6	11.673	5272		13.28	4428.0046
7	11.763	4552		11.47	3823.1853

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	12.278	1131		2.85	950.0613
9	12.566	486		1.22	407.7984
11	12.950	11781		29.68	9894.6465
12	13.101	3409		8.59	2863.4212
14	13.614	2687		6.72	2241.0051
15	13.794	2269		5.68	1892.7468
16	14.092	10355		25.91	8636.2906
17	14.641	425		0.86	285.9990
18	14.757	463		0.93	311.4704
19	15.086	20898		42.17	14057.8925
	15.193	73420	AR1248	44.53	14844.4561
21	15.335	33038		66.67	22224.6294
23	15.986	22564		63.28	21093.2378
24	16.170	10979		30.79	10263.7728
25	16.452	1475		4.14	1378.9095
26	16.657	7179		20.13	6711.1795
27	16.977	10607		29.75	9915.4632
28	17.156	7338		20.58	6859.2894
29	17.337	19655		55.12	18374.3052
30	17.581	1277		3.58	1194.1704
31	17.677	5145		14.43	4810.0843
32	17.829	1800		5.05	1682.5946
33	18.010	2489		6.98	2326.8802
34	18.234	816		2.29	762.9314
35	18.344	2060		5.78	1925.4715
36	18.541	19725		55.32	18439.2048
37	19.093	3653		10.25	3415.0626
38	19.472	13154		36.89	12297.0271
39	19.738	586		1.64	547.4890
40	20.086	3672		10.30	3432.8860
41	20.482	388		1.09	362.7275
42	20.769	376		1.06	351.8784
43	21.090	1583		4.44	1480.1504
44	21.246	826		2.32	772.2619
45	21.506	201		0.56	188.0997
46	21.732	688		1.93	642.7757
47	22.213	2169		0.13	42.9106
48	22.472	1068		0.06	21.1188
49	23.486	1282		0.08	25.3494
50	24.434	956		0.06	18.9049
51	25.684	404		0.02	7.9837
52	26.470	1609		0.10	31.8347
53	27.717	1331	Decachlorobiphenyl	0.08	26.3298
		1462445		777.96	2.5932e+05

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
22	15.814	16566	AR1248-4	46.46	15486.3942
10	12.780	16250	AR1248-1	40.94	13648.0106
13	13.459	9284	AR1248-2	23.23	7742.9891
20	15.193	31320	AR1248-3	63.21	21068.6267
		73420		173.84	57946.0207

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC09006.TX0

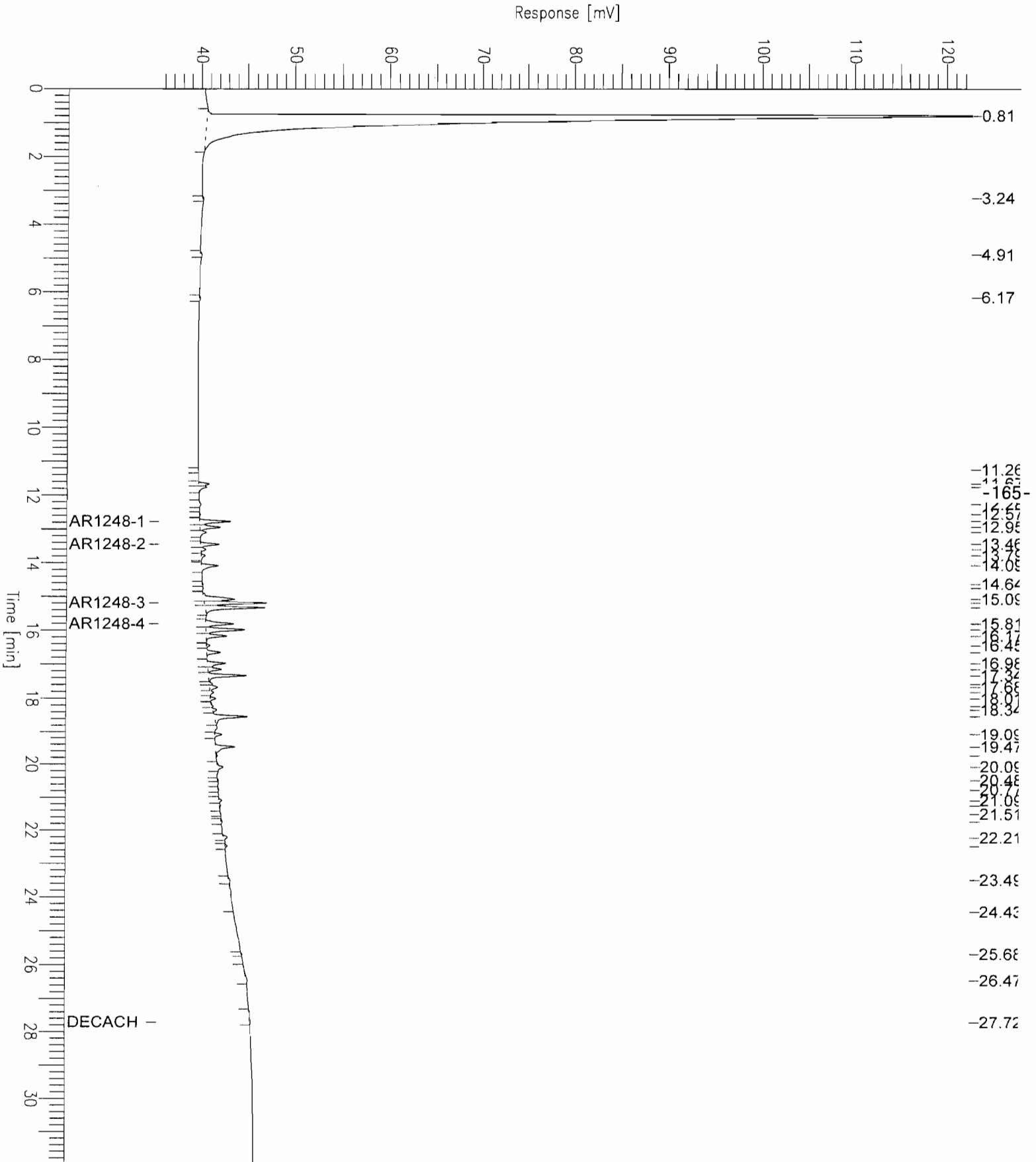
Chromatogram - ECD#1

Sample Name : u0511380-003a
FileName : C:\DATA65\Hc09006.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 36 mV

Sample #: 6
Date : 12/11/05 04:40 PM
Time of Injection: 12/9/05 05:22 PM
Low Point : 35.53 mV
Plot Scale: 87.1 mV
High Point : 122.63 mV

Page 1 of 1



Software Version: 4.1<2F12>
Sample Name : u0511380-003a
Sample Number: 7
Operator : manager

Time : 12/22/05 03:17 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/6

Interface Serial # : NONE Data Acquisition Time: 12/9/05 05:58 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09007.RAW
Result File : C:\DATA65\IC09007.RST
Inst Method : PCB2CH from C:\DATA65\IC09007.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1000.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 62

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.451	1361		0.06	18.6888
2	1.331	2189448		90.22	30072.5338
3	3.771	1095		0.05	15.0400
4	3.943	2455		0.10	33.7233
5	5.454	574		0.02	7.8787
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
6	6.809	744		0.03	10.2198
7	9.154	477		0.38	128.2852

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	10.347	973		0.78	261.4976
10	11.103	2533		2.04	680.8328
11	11.471	1536		1.93	643.2416
12	11.557	1766		2.22	739.6335
14	11.961	28417		35.71	11903.0335
15	12.066	18604		23.38	7792.6086
17	12.830	8559		7.77	2590.8905
18	13.116	31927		28.99	9664.6791
19	13.642	2904		3.08	1027.6438
20	13.776	26433		28.06	9354.7048
	14.003	137019	AR1248	33.59	11197.0386
22	14.140	99495		105.64	35211.8994
23	14.370	15770		16.74	5581.0202
24	14.584	7410		7.87	2622.3920
25	14.784	29179		30.98	10326.5095
26	14.903	26591		28.23	9410.8968
27	14.969	49617		52.68	17559.7193
28	15.519	2764		2.93	978.1494
29	15.721	19375		20.57	6856.9909
30	15.922	23622		25.08	8359.9643
31	16.106	13934		14.79	4931.4810
32	16.310	49143		52.18	17391.9545
33	16.667	1922		2.04	680.2033
34	16.869	11454		12.16	4053.7560
35	16.958	7649		8.12	2707.1072
36	17.090	30261		32.13	10709.7124
37	17.490	1167		1.24	413.0434
38	17.692	5288		5.61	1871.3760
39	17.786	4944		5.25	1749.6622
40	18.134	5361		5.69	1897.3838
41	18.242	33868		35.96	11986.2241
42	18.657	2359		2.50	834.8578
43	18.873	16580		17.60	5867.7931
44	19.069	5925		6.29	2096.9875
45	19.174	4377		4.65	1548.8911
46	19.347	665		0.71	235.3800
47	19.686	2329		2.47	824.4034
48	20.042	2186		0.07	23.7355
49	20.139	2228		0.07	24.1870
50	20.356	2090		0.07	22.6881
51	20.550	317		0.01	3.4373
52	20.651	268		0.01	2.9141
53	20.786	807		0.03	8.7608
54	21.014	4218		0.14	45.7959
55	21.376	333		0.01	3.6194
56	21.471	3446		0.11	37.4083
57	22.226	2094		0.07	22.7334
58	23.591	963		0.03	10.4497
59	24.179	931		0.03	10.1072
60	25.221	5144		0.17	55.8503
61	26.071	1389	Decachlorobiphenyl	0.05	15.0782
62	28.888	15827		0.52	171.8261
				759.93	2.5331e+05

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
21	14.003	55081	AR1248-4	58.48	19493.5673
9	10.679	22307	AR1248-1	17.99	5995.3129
13	11.829	33128	AR1248-2	41.63	13876.6366
16	12.710	26503	AR1248-3	24.07	8022.7946
				142.16	47388.3115

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

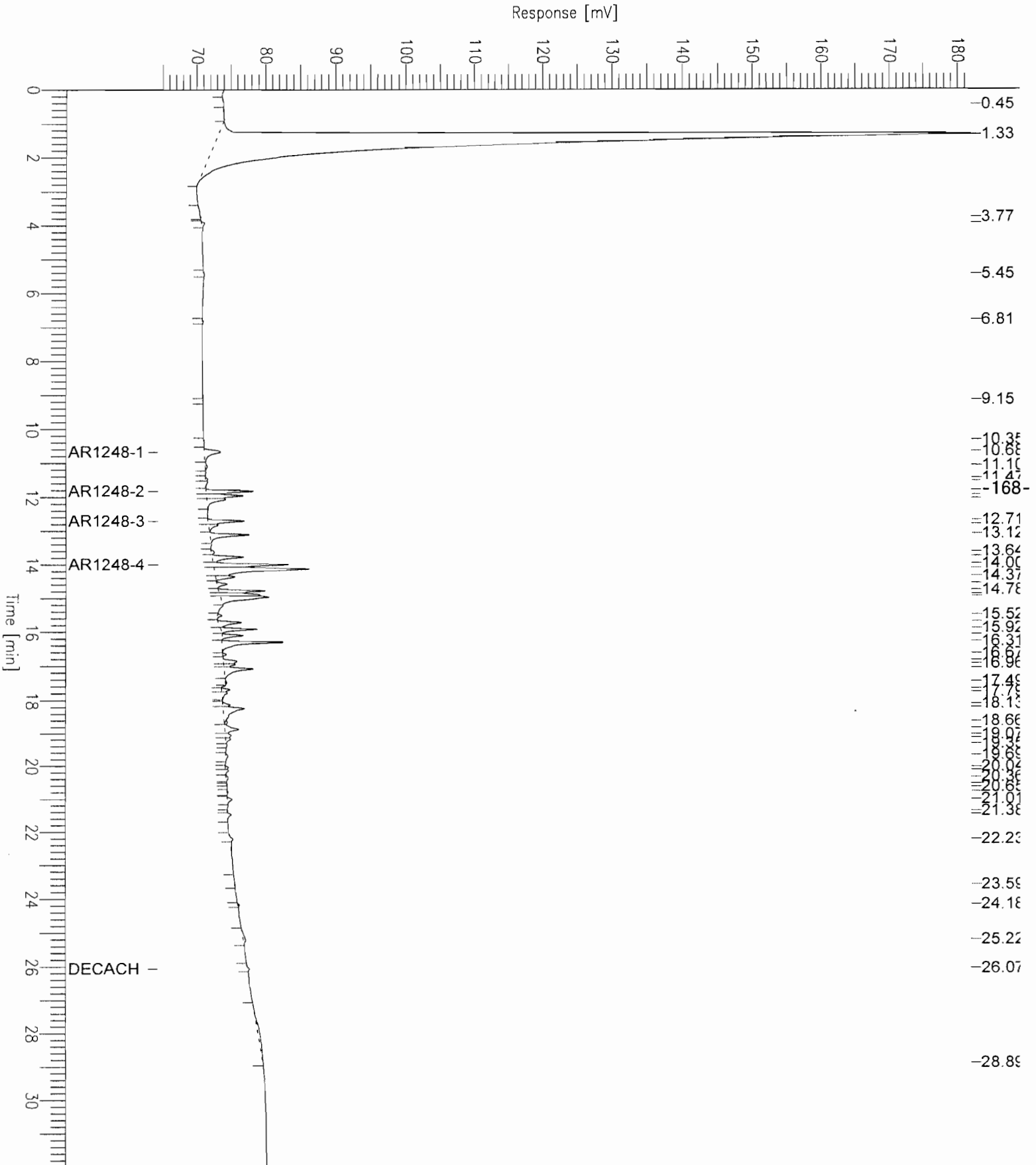
Chromatogram - ECD#1

Sample Name : u0511380-003a
FileName : C:\DATA65\Ic09007.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 64 mV

Sample #: 7
Date : 12/22/05 03:17 PM
Time of Injection: 12/9/05 05:58 PM
Low Point : 64.35 mV
Plot Scale: 117.6 mV
High Point : 181.98 mV

Page 1 of 1



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-106

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-004A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 23.7

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/5/05

Injection Vol.: 2 (uL)

Time Analyzed:

10:54PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		43	U
11104-28-2	Aroclor 1221		43	U
11141-16-5	Aroclor 1232		43	U
53469-21-9	Aroclor 1242		43	U
12672-29-6	Aroclor 1248		360	
11097-69-1	Aroclor 1254		43	U
11096-82-5	Aroclor 1260		43	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-106
Lab Order: U0511380 **Collection Date:** 11/21/2005 2:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-004 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	23.7	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 4 of 30

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>

Sample Name : u0511380-004a

Time : 12/9/05 10:58 AM

Sample Number: 9

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/9

Interface Serial # : NONE Data Acquisition Time: 12/5/05 10:54 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05009.RAW

Result File : C:\DATA65\HC05009.RST

Inst Method : PCB2CH from C:\DATA65\HC05009.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 114

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.810	7414723		833.07	277.6886
2	2.484	2185		0.25	0.0818
3	2.634	1468		0.16	0.0550
4	3.033	326		0.04	0.0122
5	3.165	1746		0.20	0.0654
6	3.651	1412		0.16	0.0529
7	4.403	2054		0.23	0.0769
8	4.580	2161		0.24	0.0809

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.876	462		0.05	0.0173
10	5.227	214		0.02	0.0080
11	5.444	552		0.06	0.0207
12	5.579	4186		0.47	0.1568
13	5.774	1013		0.11	0.0379
14	6.176	600		0.07	0.0225
15	6.684	4226		0.47	0.1583
16	7.102	116647	Tetrachloro-m-xylene	13.11	4.3686
17	7.562	5334		0.60	0.1998
18	8.209	1039		0.12	0.0389
19	8.379	323		0.04	0.0121
20	8.560	652		0.07	0.0244
21	8.782	12349		1.39	0.4625
22	9.329	672		0.08	0.0252
23	9.704	2883		0.32	0.1080
24	10.456	3705		9.34	3.1119
25	10.758	9810		24.72	8.2390
26	11.261	2359		5.94	1.9810
27	11.671	48681		122.66	40.8856
28	11.762	55144		138.94	46.3139
29	12.269	12892		32.48	10.8279
30	12.416	3096		7.80	2.6000
31	12.564	10369		26.13	8.7085
33	12.951	130532		328.89	109.6298
34	13.099	25003		63.00	20.9994
36	13.615	18726		46.85	15.6180
37	13.792	15510		38.81	12.9355
38	14.092	161068		403.01	134.3351
39	14.469	1896		3.83	1.2753
40	14.646	5266		10.63	3.5424
41	14.760	4300		8.68	2.8923
42	14.938	28059		56.63	18.8754
43	15.089	192104		387.68	129.2281
	15.191	888181	AR1248	538.73	179.5779
45	15.334	626420		1264.18	421.3918
46	15.519	98093		275.10	91.6997
48	15.992	370553		1039.20	346.4006
49	16.169	196284		550.47	183.4902
50	16.438	34326		96.27	32.0889
51	16.656	46385		130.08	43.3613
52	16.823	1026		2.88	0.9589
53	17.051	1273430		3571.29	1190.4296
54	17.152	108884		305.36	101.7873
55	17.337	274456		769.70	256.5669
56	17.634	68103		190.99	63.6640
57	17.808	74104		207.82	69.2744
58	18.010	49570		139.02	46.3389
59	18.153	14192		39.80	13.2667
60	18.231	9103		25.53	8.5098
61	18.337	65517		183.74	61.2472
62	18.431	16749		46.97	15.6574
63	18.536	454156		1273.66	424.5543
64	18.701	18956		53.16	17.7202
65	18.871	68493		192.09	64.0291
66	18.979	56714		159.05	53.0176
67	19.091	145671		408.53	136.1763
68	19.342	11871		33.29	11.0973
69	19.469	409952		1149.70	383.2317
70	19.732	31826		89.26	29.7521
71	19.869	12576		35.27	11.7559
72	20.074	335347		940.47	313.4898
73	20.248	30578		85.76	28.5851
74	20.397	25275		70.88	23.6280
75	20.479	33686		94.47	31.4901
76	20.569	37356		104.76	34.9211
77	20.691	5965		16.73	5.5766
78	20.758	11345		31.82	10.6054
79	20.911	4175		11.71	3.9030
80	21.085	57717		161.86	53.9549
81	21.241	31107		87.24	29.0795
82	21.356	7442		20.87	6.9573
83	21.497	24825		69.62	23.2072
84	21.589	12612		35.37	11.7900
85	21.728	38443		107.81	35.9373
86	21.878	3547		0.21	0.0702
87	21.980	15609		0.93	0.3088
88	22.168	26869		1.59	0.5315
89	22.468	45066		2.67	0.8914
90	22.626	5029		0.30	0.0995
91	22.878	3144		0.19	0.0622

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.024	299		0.02	0.0059
93	23.172	3942		0.23	0.0780
94	23.332	3533		0.21	0.0699
95	23.478	23871		1.42	0.4722
96	23.545	29141		1.73	0.5764
97	23.814	14273		0.85	0.2823
98	24.004	1613		0.10	0.0319
99	24.562	3889		0.23	0.0769
100	24.889	11484		0.68	0.2272
101	25.118	10482		0.62	0.2073
102	25.679	13457		0.80	0.2662
103	25.814	26700		1.58	0.5281
104	26.307	149068		8.85	2.9487
105	26.769	24719		1.47	0.4890
106	27.375	59492		3.53	1.1768
107	27.714	249482	Decachlorobiphenyl	14.80	4.9350
108	28.226	19767		1.17	0.3910
109	29.171	12966		0.77	0.2565
110	29.816	17191		1.02	0.3400
111	30.084	12414		0.74	0.2456
112	30.657	8379		0.50	0.1657
113	30.998	1460		0.09	0.0289
114	31.381	8592		0.51	0.1700
		15192686		17225.63	5741.8778

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	15.815	206975	AR1248-4	580.46	193.4850
32	12.779	111406	AR1248-1	280.70	93.5665
35	13.458	46467	AR1248-2	116.26	38.7546
44	15.191	523333	AR1248-3	1056.13	352.0449
		888181		2033.55	677.8510

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC05009.TX0

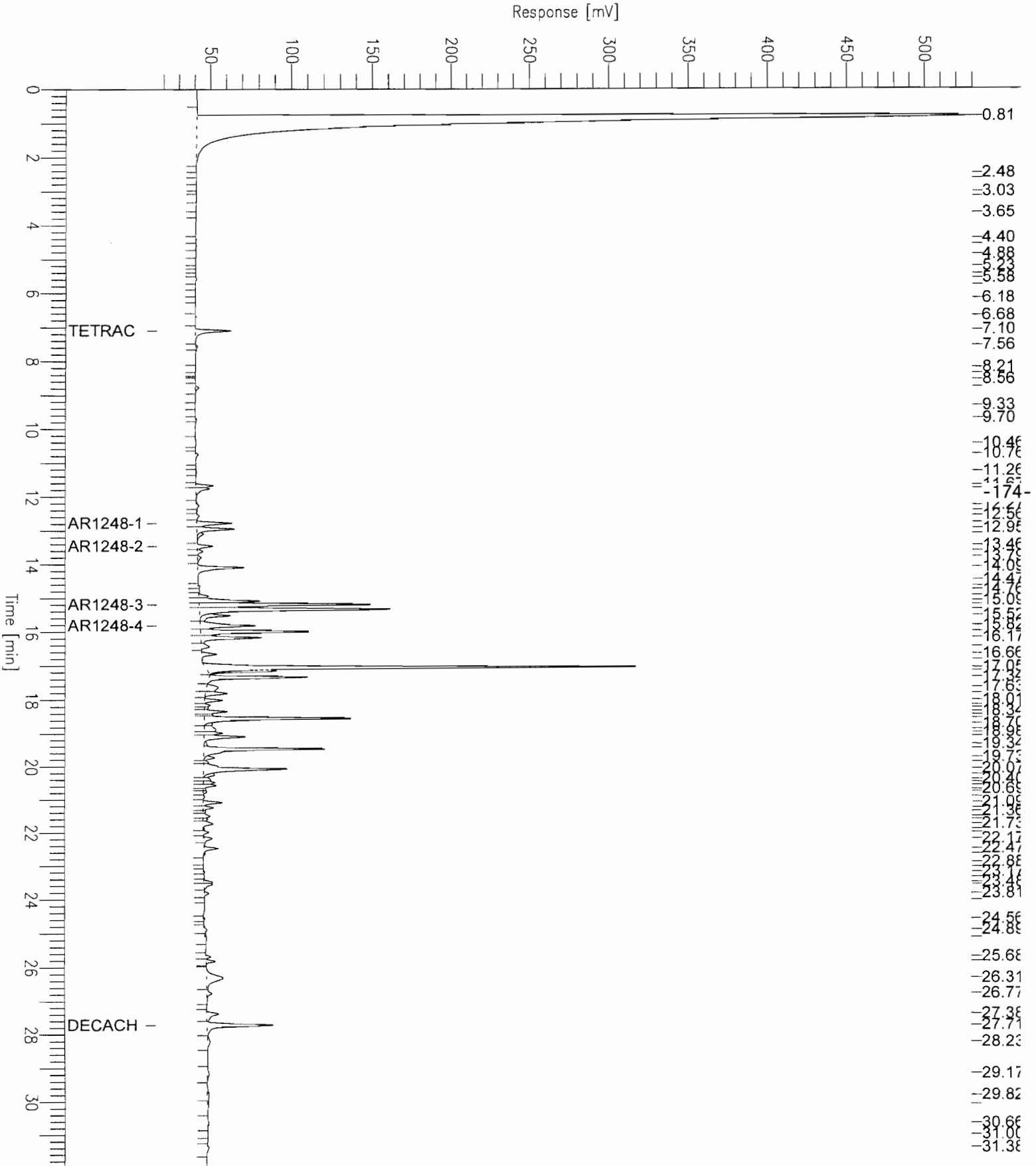
Chromatogram - ECD#1

Sample Name : u0511380-004a
FileName : C:\DATA65\Hc05009.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 16 mV

Sample #: 9
Date : 12/9/05 10:58 AM
Time of Injection: 12/5/05 10:54 PM
Low Point : 15.69 mV
Plot Scale: 514.4 mV
High Point : 530.10 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : u0511380-004a

Time : 12/9/05 12:44 PM

Sample Number: 10

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/9

Interface Serial # : NONE Data Acquisition Time: 12/5/05 11:30 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05010.RAW

Result File : C:\DATA65\IC05010.RST

Inst Method : PCB2CH from C:\DATA65\IC05010.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 122

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.446	3236		0.13	0.0444
2	1.333	14957474		616.33	205.4441
3	3.044	1709		0.07	0.0235
4	3.562	7043		0.29	0.0967
5	3.925	1865		0.08	0.0256
6	4.099	1334		0.05	0.0183
7	4.351	4767		0.20	0.0655
8	4.458	16073		0.66	0.2208

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.013	11627		0.48	0.1597
10	5.213	11334		0.47	0.1557
11	5.546	3695		0.15	0.0507
12	6.192	421441	Tetrachloro-m-xylene	17.37	5.7886
13	6.790	7349		0.30	0.1009
14	7.135	15168		0.62	0.2083
15	7.370	12713		0.52	0.1746
16	7.707	28099		1.16	0.3859
17	8.038	8563		0.35	0.1176
18	8.162	1071		0.04	0.0147
19	8.527	2614		2.11	0.7025
20	9.036	17275		13.93	4.6429
21	9.159	31894		25.72	8.5720
22	9.360	25070		20.21	6.7380
23	9.677	1427		1.15	0.3836
24	9.853	3459		2.79	0.9297
25	9.952	786		0.63	0.2111
26	10.336	11205		9.03	3.0115
28	11.040	24239		19.54	6.5146
29	11.116	43697		35.23	11.7445
30	11.467	19259		24.20	8.0671
31	11.567	10930		13.73	4.5781
33	11.961	434106		545.51	181.8361
35	12.834	8592		7.80	2.6008
36	13.117	433379		393.57	131.1910
37	13.401	7268		7.72	2.5721
38	13.644	55736		59.18	19.7254
39	13.771	348685		370.21	123.4024
	13.996	1634805	AR1248	400.78	133.5948
41	14.138	1534570		1629.29	543.0962
42	14.368	96975		102.96	34.3203
43	14.584	103475		109.86	36.6207
44	14.783	407004		432.13	144.0419
45	14.887	676882		718.66	239.5538
46	14.966	703522		746.95	248.9818
47	15.218	96183		102.12	34.0401
48	15.482	21421		22.74	7.5809
49	15.725	218879		232.39	77.4628
50	15.921	3055992		3244.62	1081.5388
51	16.103	469403		498.38	166.1253
52	16.308	747803		793.96	264.6533
53	16.578	14316		15.20	5.0664
54	16.666	70555		74.91	24.9700
55	16.751	38449		40.82	13.6072
56	16.955	381006		404.52	134.8408
57	17.081	999150		1060.82	353.6070
58	17.304	141591		150.33	50.1101
59	17.490	88880		94.37	31.4554
60	17.558	60348		64.07	21.3577
61	17.688	239740		254.54	84.8459
62	17.889	118107		125.40	41.7989
63	18.127	91333		96.97	32.3233
64	18.233	956412		1015.44	338.4816
65	18.484	34348		36.47	12.1560
66	18.654	36830		39.10	13.0343
67	18.890	811325		861.40	287.1343
68	19.055	150556		159.85	53.2829
69	19.171	129954		137.97	45.9917
70	19.354	17814		18.91	6.3044
71	19.420	33791		35.88	11.9589
72	19.499	41514		44.08	14.6920
73	19.685	160465		170.37	56.7898
74	19.889	4674		4.96	1.6540
75	20.035	90292		2.94	0.9803
76	20.143	61253		2.00	0.6650
77	20.317	48612		1.58	0.5278
78	20.364	39642		1.29	0.4304
79	20.474	5516		0.18	0.0599
80	20.549	34711		1.13	0.3769
81	20.630	41839		1.36	0.4542
82	20.780	43303		1.41	0.4701
83	20.999	162683		5.30	1.7662
84	21.198	31600		1.03	0.3431
85	21.453	39933		1.30	0.4335
86	21.586	2470		0.08	0.0268
87	21.755	10269		0.33	0.1115
88	21.907	1407		0.05	0.0153
89	22.069	17469		0.57	0.1897
90	22.210	138970		4.53	1.5088
91	22.339	54318		1.77	0.5897

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.488	12534		0.41	0.1361
93	22.573	20075		0.65	0.2179
94	22.795	2472		0.08	0.0268
95	22.875	3631		0.12	0.0394
96	23.031	7120		0.23	0.0773
97	23.176	9544		0.31	0.1036
98	23.488	1773		0.06	0.0192
99	23.583	12494		0.41	0.1356
100	23.984	1593		0.05	0.0173
101	24.159	58598		1.91	0.6362
102	24.257	11898		0.39	0.1292
103	24.357	112107		3.65	1.2171
104	24.686	51127		1.67	0.5551
105	25.131	116809		3.80	1.2682
106	25.224	133181		4.34	1.4459
107	25.592	20191		0.66	0.2192
108	25.874	98599		3.21	1.0705
109	26.072	661475	Decachlorobiphenyl	21.54	7.1815
110	26.679	90789		2.96	0.9857
111	27.088	50169		1.63	0.5447
112	27.574	50410		1.64	0.5473
113	27.791	13983		0.46	0.1518
114	27.971	17810		0.58	0.1934
115	28.167	14659		0.48	0.1591
116	28.433	72369		2.36	0.7857
117	28.928	11266		0.37	0.1223
118	29.077	46864		1.53	0.5088
119	29.403	32986		1.07	0.3581
120	29.893	15300		0.50	0.1661
121	30.470	109031		3.55	1.1837
122	30.766	115067		3.75	1.2493
		34182462		16223.98	5407.9939

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
40	13.996	1015132	AR1248-4	1077.79	359.2630
27	10.676	257215	AR1248-1	207.39	69.1313
32	11.827	241293	AR1248-2	303.21	101.0713
34	12.709	121166	AR1248-3	110.04	36.6789
		1634805		1698.43	566.1445

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

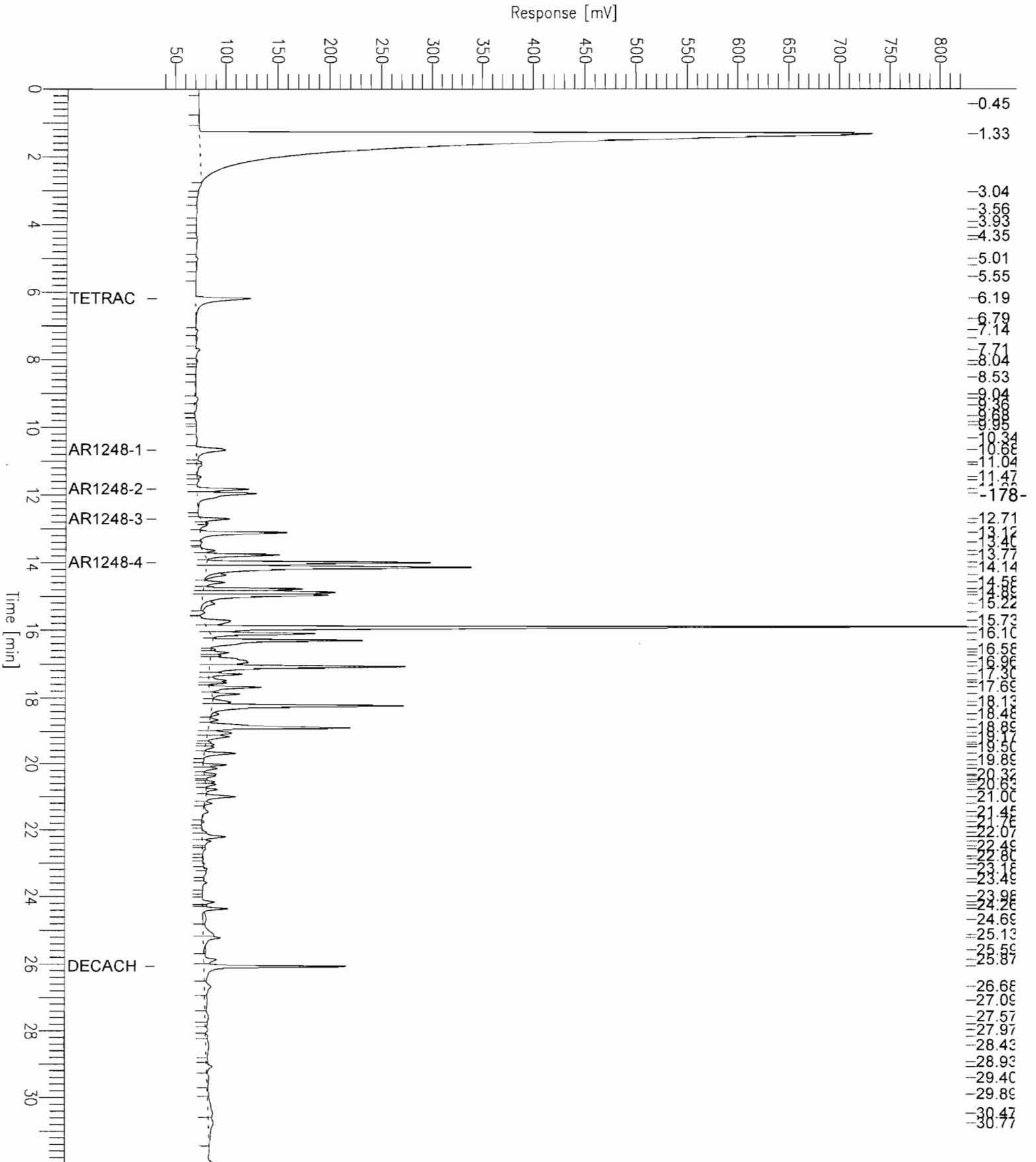
Report stored in ASCII file: C:\DATA65\IC05010.TX0

Chromatogram - ECD#1

Sample Name : u0511380-004a
 FileName : C:\DATA65\Ic05010.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 32 mV

Sample #: 10
 Date : 12/9/05 12:44 PM
 Time of Injection: 12/5/05 11:30 PM
 Low Point : 32.01 mV
 Plot Scale: 795.7 mV
 High Point : 827.67 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-107

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-005A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 15.3

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/5/05

Injection Vol.: 2 (uL)

Time Analyzed:

11:30PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		39	U
11104-28-2	Aroclor 1221		39	U
11141-16-5	Aroclor 1232		39	U
53469-21-9	Aroclor 1242		39	U
12672-29-6	Aroclor 1248		265	
11097-69-1	Aroclor 1254		39	U
11096-82-5	Aroclor 1260		39	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-107
Lab Order: U0511380 **Collection Date:** 11/21/2005 2:30:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-005 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.3	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 5 of 30

- | | | |
|--------------------|--|---|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-005a

Time : 12/9/05 10:58 AM

Sample Number: 10

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/10

Interface Serial # : NONE Data Acquisition Time: 12/5/05 11:30 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05010.RAW

Result File : C:\DATA65\HC05010.RST

Inst Method : PCB2CH from C:\DATA65\HC05010.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 116

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	5675571		637.67	212.5557
2	2.399	281		0.03	0.0105
3	2.483	1879		0.21	0.0704
4	2.634	880		0.10	0.0330
5	3.167	1179		0.13	0.0441
6	3.653	941		0.11	0.0352
7	3.976	431		0.05	0.0162
8	4.402	1365		0.15	0.0511

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.578	1454		0.16	0.0545
10	4.848	449		0.05	0.0168
11	5.447	800		0.09	0.0300
12	5.576	1855		0.21	0.0695
13	6.171	751		0.08	0.0281
14	6.669	412		0.05	0.0154
15	7.099	125727	Tetrachloro-m-xylene	14.13	4.7086
16	7.560	12553		1.41	0.4701
17	7.865	536		0.06	0.0201
18	8.207	1082		0.12	0.0405
19	8.368	220		0.02	0.0082
20	8.555	494		0.06	0.0185
21	8.781	9854		1.11	0.3690
22	9.324	276		0.03	0.0104
23	9.699	5278		0.59	0.1977
24	10.036	464		1.17	0.3897
25	10.350	1807		4.55	1.5172
26	10.460	1505		3.79	1.2643
27	10.756	11144		28.08	9.3593
28	11.261	1582		3.99	1.3286
29	11.671	32886		82.86	27.6199
30	11.761	35412		89.22	29.7415
31	12.266	8975		22.61	7.5380
32	12.414	1568		3.95	1.3171
33	12.562	8535		21.51	7.1686
35	12.950	99447		250.57	83.5230
36	13.098	15882		40.02	13.3384
38	13.615	12621		31.58	10.5264
39	13.792	10491		26.25	8.7500
40	14.091	107488		268.94	89.6479
41	14.471	1299		2.62	0.8739
42	14.645	3715		7.50	2.4993
43	14.757	2578		5.20	1.7345
44	14.937	19104		38.55	12.8511
45	15.088	156104		315.03	105.0109
	15.192	730659	AR1248	443.19	147.7292
47	15.334	589329		1189.32	396.4406
49	15.989	318190		892.35	297.4513
50	16.170	181218		508.22	169.4067
51	16.441	26868		75.35	25.1169
52	16.656	47062		131.98	43.9946
53	16.818	805		2.26	0.7524
54	17.049	346176		970.84	323.6125
55	17.155	159643		447.71	149.2380
56	17.336	265679		745.09	248.3621
57	17.466	14105		39.56	13.1856
58	17.618	59199		166.02	55.3401
59	17.706	33574		94.16	31.3858
60	17.816	47993		134.59	44.8647
61	18.009	45526		127.68	42.5589
62	18.153	10051		28.19	9.3955
63	18.232	6792		19.05	6.3493
64	18.339	49209		138.00	46.0014
65	18.536	361148		1012.83	337.6084
66	18.704	3644		10.22	3.4069
67	18.771	3211		9.00	3.0016
68	18.880	10400		29.17	9.7223
69	19.092	85347		239.35	79.7838
70	19.227	833		2.34	0.7787
71	19.468	312748		877.09	292.3639
72	19.573	27622		77.47	25.8221
73	19.735	32764		91.88	30.6282
74	19.865	5986		16.79	5.5960
75	19.982	40228		112.82	37.6062
76	20.079	163198		457.68	152.5613
77	20.260	33816		94.84	31.6117
78	20.360	15433		43.28	14.4274
79	20.479	21367		59.92	19.9744
80	20.569	39541		110.89	36.9635
81	20.761	15398		43.18	14.3940
82	20.913	3761		10.55	3.5157
83	21.084	52588		147.48	49.1601
84	21.239	26976		75.65	25.2180
85	21.356	5032		14.11	4.7041
86	21.499	27903		78.25	26.0839
87	21.587	9023		25.30	8.4349
88	21.729	45222		126.82	42.2744
89	21.883	3250		0.19	0.0643
90	21.979	16605		0.99	0.3285
91	22.165	18964		1.13	0.3751

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.469	28500		1.69	0.5638
93	22.625	5351		0.32	0.1058
94	22.808	321		0.02	0.0064
95	23.011	416		0.02	0.0082
96	23.172	5094		0.30	0.1008
97	23.324	7548		0.45	0.1493
98	23.477	23108		1.37	0.4571
99	23.547	29462		1.75	0.5828
100	23.815	29066		1.72	0.5749
101	23.993	13926		0.83	0.2755
102	24.563	2585		0.15	0.0511
103	24.691	355		0.02	0.0070
104	24.888	7740		0.46	0.1531
105	25.456	16067		0.95	0.3178
106	25.682	14891		0.88	0.2946
107	25.814	9803		0.58	0.1939
108	25.921	8908		0.53	0.1762
109	26.338	91709		5.44	1.8141
110	26.762	63414		3.76	1.2544
111	27.379	97924		5.81	1.9370
112	27.714	268287	Decachlorobiphenyl	15.92	5.3069
113	29.005	10800		0.64	0.2136
114	29.656	29526		1.75	0.5840
115	30.979	1356		0.08	0.0268
116	31.380	8379		0.50	0.1657
		11465497		11873.37	3957.7892

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	15.815	169176	AR1248-4	474.45	158.1494
34	12.778	90492	AR1248-1	228.01	76.0019
37	13.458	39469	AR1248-2	98.76	32.9184
46	15.192	431522	AR1248-3	870.85	290.2839
		730659		1672.06	557.3535

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=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

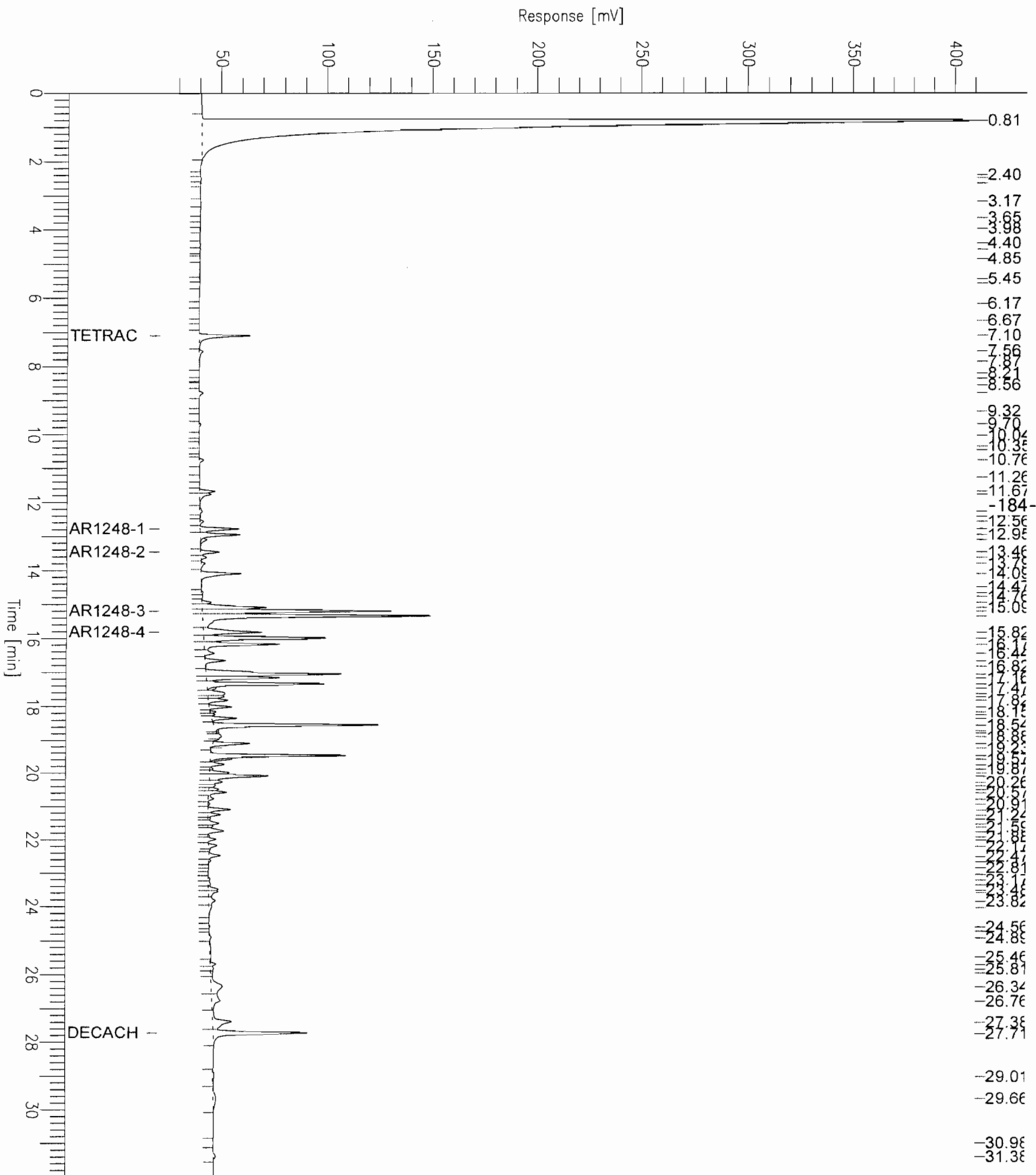
Report stored in ASCII file: C:\DATA65\HC05010.TX0

Chromatogram - ECD#1

Sample Name : u0511380-005a
 FileName : C:\DATA65\Hc05010.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 21 mV

Sample #: 10
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/5/05 11:30 PM
 Low Point : 21.14 mV
 Plot Scale: 389.5 mV
 High Point : 410.65 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-005a

Time : 12/9/05 12:45 PM

Sample Number: 11

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/10

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:07 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05011.RAW

Result File : C:\DATA65\IC05011.RST

Inst Method : PCB2CH from C:\DATA65\IC05011.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-185-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 118

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.413	1462		0.06	0.0201
2	1.342	11203901		461.66	153.8880
3	3.048	914		0.04	0.0126
4	3.567	3132		0.13	0.0430
5	3.929	2623		0.11	0.0360
6	4.096	1662		0.07	0.0228
7	4.355	2204		0.09	0.0303
8	4.460	5574		0.23	0.0766

Peak #	Time [min]	Area [$\mu\text{V}\cdot\text{sec}$]	Component Name	On Column ppb	Sample Results $\mu\text{g/L}$, $\mu\text{g/kg}$, ng
9	5.013	3707		0.15	0.0509
10	5.215	4389		0.18	0.0603
11	5.853	1018		0.04	0.0140
12	6.190	373674	Tetrachloro-m-xylene	15.40	5.1325
13	6.791	2654		0.11	0.0364
14	7.131	14543		0.60	0.1998
15	7.372	9165		0.38	0.1259
16	7.705	19480		0.80	0.2676
17	8.034	4365		0.18	0.0600
18	8.531	512		0.41	0.1377
19	8.706	355		0.29	0.0955
20	9.019	995		0.80	0.2674
21	9.157	8325		6.71	2.2375
22	9.359	900		0.73	0.2418
23	9.853	9239		7.45	2.4831
24	10.022	12286		9.91	3.3021
25	10.334	6352		5.12	1.7071
27	11.038	5779		4.66	1.5532
28	11.465	10644		13.38	4.4585
29	11.562	9572		12.03	4.0095
31	11.957	301847		379.31	126.4362
33	12.829	56457		51.27	17.0905
34	13.114	264634		240.33	80.1090
35	13.398	6104		6.48	2.1602
36	13.641	38245		40.61	13.5350
37	13.769	231324		245.60	81.8672
	13.995	1132484	AR1248	277.64	92.5456
39	14.137	1191052		1264.57	421.5225
40	14.364	85831		91.13	30.3764
41	14.581	86840		92.20	30.7335
42	14.780	346530		367.92	122.6395
43	14.887	418928		444.79	148.2619
44	14.965	588711		625.05	208.3494
45	15.216	87440		92.84	30.9459
46	15.480	17580		18.67	6.2219
47	15.721	182073		193.31	64.4372
48	15.920	823380		874.20	291.4005
49	16.101	319611		339.34	113.1127
50	16.306	546564		580.30	193.4333
51	16.568	1904		2.02	0.6737
52	16.665	42291		44.90	14.9672
53	16.749	8041		8.54	2.8458
54	16.906	43562		46.25	15.4170
55	17.081	550981		584.99	194.9966
56	17.298	24206		25.70	8.5666
57	17.487	81867		86.92	28.9734
58	17.687	140987		149.69	49.8964
59	17.778	30156		32.02	10.6726
60	17.884	23354		24.80	8.2653
61	18.125	86952		92.32	30.7728
62	18.233	738114		783.67	261.2243
63	18.480	49032		52.06	17.3529
64	18.651	62329		66.18	22.0586
65	18.869	463074		491.66	163.8855
66	19.056	172966		183.64	61.2139
67	19.167	122856		130.44	43.4798
68	19.420	63359		67.27	22.4233
69	19.497	45586		48.40	16.1332
70	19.680	126498		134.31	44.7686
71	19.886	3697		3.93	1.3084
72	20.034	60323		1.96	0.6549
73	20.143	33631		1.10	0.3651
74	20.319	76316		2.49	0.8285
75	20.476	8740		0.28	0.0949
76	20.548	36877		1.20	0.4004
77	20.631	27535		0.90	0.2989
78	20.782	42737		1.39	0.4640
79	20.985	125403		4.08	1.3615
80	21.197	32998		1.07	0.3583
81	21.365	5171		0.17	0.0561
82	21.446	20118		0.66	0.2184
83	21.586	1821		0.06	0.0198
84	21.747	5995		0.20	0.0651
85	21.905	1057		0.03	0.0115
86	22.068	10219		0.33	0.1109
87	22.208	56972		1.86	0.6185
88	22.339	14773		0.48	0.1604
89	22.484	2731		0.09	0.0296
90	22.572	7439		0.24	0.0808
91	22.790	1027		0.03	0.0112

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.875	2592		0.08	0.0281
93	23.021	4908		0.16	0.0533
94	23.171	5773		0.19	0.0627
95	23.335	4063		0.13	0.0441
96	23.489	1109		0.04	0.0120
97	23.585	9180		0.30	0.0997
98	23.986	19223		0.63	0.2087
99	24.158	33014		1.08	0.3584
100	24.254	8637		0.28	0.0938
101	24.352	17161		0.56	0.1863
102	24.543	3848		0.13	0.0418
103	25.139	222610		7.25	2.4168
104	25.214	157285		5.12	1.7076
105	25.880	46277		1.51	0.5024
106	26.071	570406	Decachlorobiphenyl	18.58	6.1928
107	26.690	20188		0.66	0.2192
108	27.105	13870		0.45	0.1506
109	27.678	3132		0.10	0.0340
110	27.963	7879		0.26	0.0855
111	28.168	8976		0.29	0.0974
112	28.665	38773		1.26	0.4209
113	28.895	10135		0.33	0.1100
114	29.076	25249		0.82	0.2741
115	29.419	4532		0.15	0.0492
116	30.199	10536		0.34	0.1144
117	30.526	4943		0.16	0.0537
118	31.168	1161		0.04	0.0126
		23154217		9886.45	3295.4832

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng	-187-
38	13.995	715805	AR1248-4	759.99	253.3288	
26	10.674	126208	AR1248-1	101.76	33.9207	
30	11.824	171449	AR1248-2	215.45	71.8158	
32	12.706	119022	AR1248-3	108.09	36.0298	
		1132484		1185.29	395.0952	

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

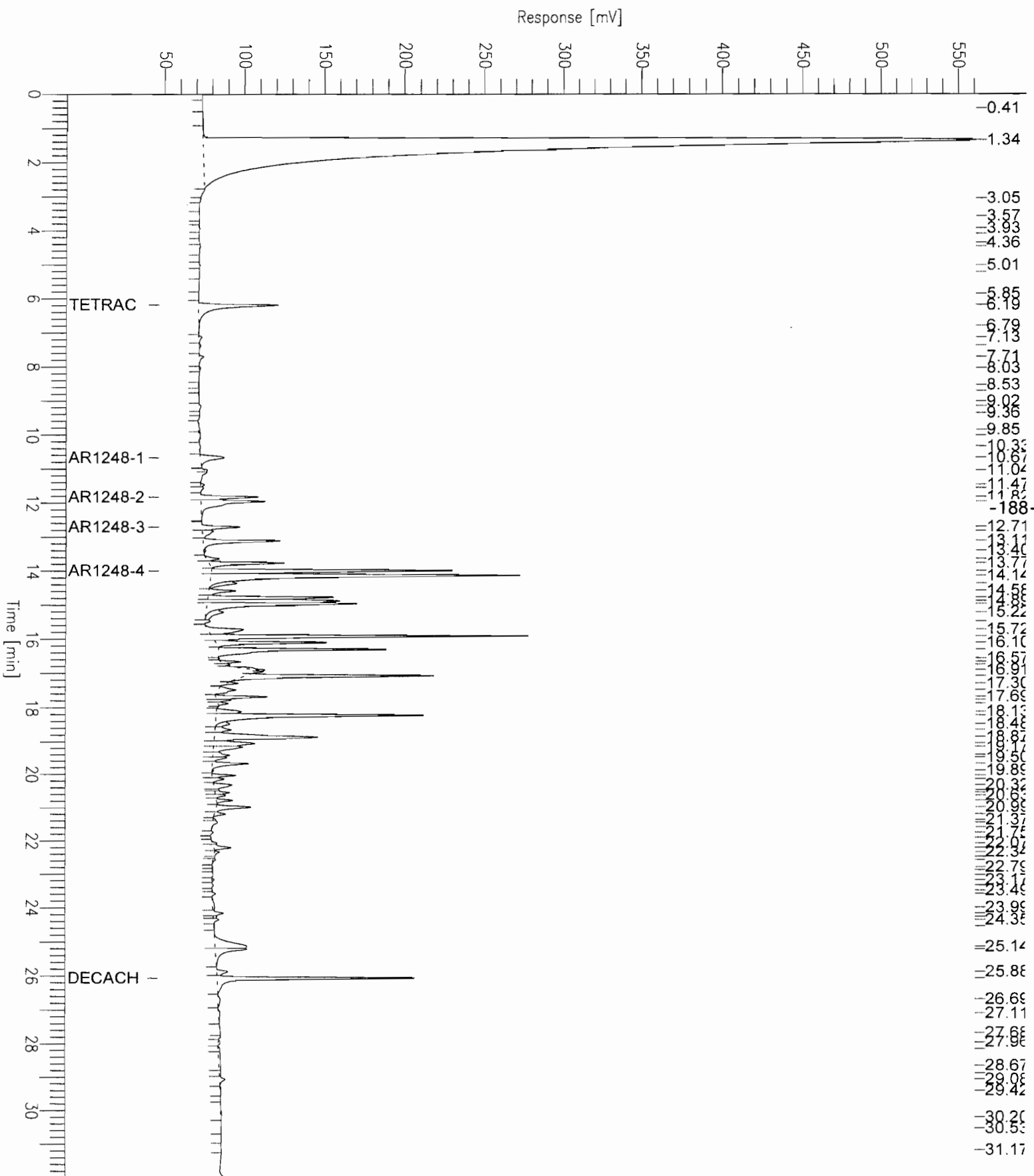
Report stored in ASCII file: C:\DATA65\IC05011.TX0

Chromatogram - ECD#1

Sample Name : u0511380-005a
 FileName : C:\DATA65\Ic05011.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 47 mV

Sample #: 11
 Date : 12/9/05 12:45 PM
 Time of Injection: 12/6/05 12:07 AM
 Low Point : 46.56 mV
 High Point : 561.21 mV
 Plot Scale: 514.7 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-108

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-006A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 19.8

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

12:07AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		41	U
11104-28-2	Aroclor 1221		41	U
11141-16-5	Aroclor 1232		41	U
53469-21-9	Aroclor 1242		41	U
12672-29-6	Aroclor 1248		240	
11097-69-1	Aroclor 1254		41	U
11096-82-5	Aroclor 1260		41	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-108
Lab Order: U0511380 **Collection Date:** 11/21/2005 2:45:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-006 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	19.8	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 6 of 30

- | | | |
|--------------------|--|---|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-006a
Sample Number: 11
Operator : manager

Time : 12/9/05 10:59 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/11

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:07 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05011.RAW
Result File : C:\DATA65\HC05011.RST
Inst Method : PCB2CH from C:\DATA65\HC05011.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-191-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 111

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	6140187		689.87	229.9560
2	2.405	565		0.06	0.0212
3	2.500	672		0.08	0.0252
4	2.644	2045		0.23	0.0766
5	3.034	326		0.04	0.0122
6	3.184	1346		0.15	0.0504
7	3.652	1032		0.12	0.0387
8	3.980	423		0.05	0.0158

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.405	1115		0.13	0.0418
10	4.581	1422		0.16	0.0533
11	4.878	434		0.05	0.0162
12	5.452	407		0.05	0.0152
13	5.579	1658		0.19	0.0621
14	6.171	816		0.09	0.0306
15	6.682	4902		0.55	0.1836
16	7.103	121401	Tetrachloro-m-xylene	13.64	4.5466
17	7.564	8249		0.93	0.3089
18	8.210	1017		0.11	0.0381
19	8.563	995		0.11	0.0373
20	8.782	9465		1.06	0.3545
21	9.329	497		0.06	0.0186
22	9.701	5428		0.61	0.2033
23	10.042	322		0.81	0.2709
24	10.464	4562		11.49	3.8314
25	10.759	11070		27.89	9.2974
26	11.264	1372		3.46	1.1522
27	11.673	31985		80.59	26.8636
28	11.762	36586		92.18	30.7278
29	12.269	9215		23.22	7.7394
30	12.416	1401		3.53	1.1763
31	12.566	8121		20.46	6.8206
33	12.953	93726		236.15	78.7178
34	13.100	15890		40.04	13.3454
36	13.618	15403		38.54	12.8465
37	13.795	12511		31.30	10.4345
38	14.094	99409		248.73	82.9096
39	14.649	3786		7.64	2.5469
40	14.756	2328		4.70	1.5663
41	14.939	14377		29.02	9.6717
42	15.090	132110		266.61	88.8704
	15.194	637986	AR1248	386.98	128.9920
44	15.337	461999		932.36	310.7857
46	15.991	267033		748.89	249.6286
47	16.172	154499		433.29	144.4289
48	16.442	27114		76.04	25.3471
49	16.659	41450		116.25	38.7484
50	16.814	538		1.51	0.5025
51	17.053	538117		1509.13	503.0428
52	17.157	128721		360.99	120.3310
53	17.339	210620		590.68	196.8918
54	17.626	60302		169.11	56.3712
55	17.813	50371		141.26	47.0875
56	18.013	38988		109.34	36.4469
57	18.155	11890		33.35	11.1152
58	18.232	6304		17.68	5.8928
59	18.340	64210		180.07	60.0247
60	18.539	365837		1025.98	341.9918
61	18.703	19407		54.43	18.1423
62	18.875	49661		139.27	46.4244
63	18.980	38350		107.55	35.8508
64	19.094	112205		314.67	104.8915
65	19.271	2892		8.11	2.7035
66	19.341	5527		15.50	5.1668
67	19.471	322365		904.06	301.3539
68	19.735	25663		71.97	23.9904
69	19.870	9301		26.09	8.6952
70	19.985	28623		80.27	26.7570
71	20.079	200813		563.17	187.7245
72	20.255	25055		70.27	23.4223
73	20.396	17662		49.53	16.5104
74	20.482	24410		68.46	22.8193
75	20.571	29526		82.80	27.6012
76	20.762	13877		38.92	12.9721
77	20.915	2973		8.34	2.7793
78	21.088	46667		130.88	43.6256
79	21.243	25581		71.74	23.9140
80	21.359	5525		15.50	5.1653
81	21.500	20348		57.06	19.0214
82	21.591	9856		27.64	9.2133
83	21.731	32292		90.56	30.1876
84	21.882	2902		0.17	0.0574
85	21.982	14297		0.85	0.2828
86	22.169	24959		1.48	0.4937
87	22.290	4795		0.28	0.0949
88	22.471	42858		2.54	0.8478
89	22.624	4788		0.28	0.0947
90	22.814	915		0.05	0.0181
91	23.175	2822		0.17	0.0558

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.338	1358		0.08	0.0269
93	23.478	15847		0.94	0.3135
94	23.549	12571		0.75	0.2487
95	23.815	20457		1.21	0.4047
96	23.983	23332		1.38	0.4615
97	24.570	4494		0.27	0.0889
98	24.890	11908		0.71	0.2355
99	25.467	9939		0.59	0.1966
100	25.683	10650		0.63	0.2107
101	25.813	7078		0.42	0.1400
102	26.330	88798		5.27	1.7565
103	26.770	20779		1.23	0.4110
104	27.380	45662		2.71	0.9032
105	27.717	249700	Decachlorobiphenyl	14.82	4.9393
106	28.154	2539		0.15	0.0502
107	28.947	945		0.06	0.0187
108	29.361	636		0.04	0.0126
109	29.554	894		0.05	0.0177
110	29.877	2486		0.15	0.0492
111	31.383	10841		0.64	0.2144
		11572383		11742.30	3914.1006

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
45	15.817	146451	AR1248-4	410.72	136.9056
32	12.781	88153	AR1248-1	222.11	74.0371
35	13.461	41936	AR1248-2	104.93	34.9760
43	15.194	361446	AR1248-3	729.43	243.1441
		637986		1467.19	489.0628

-193-

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

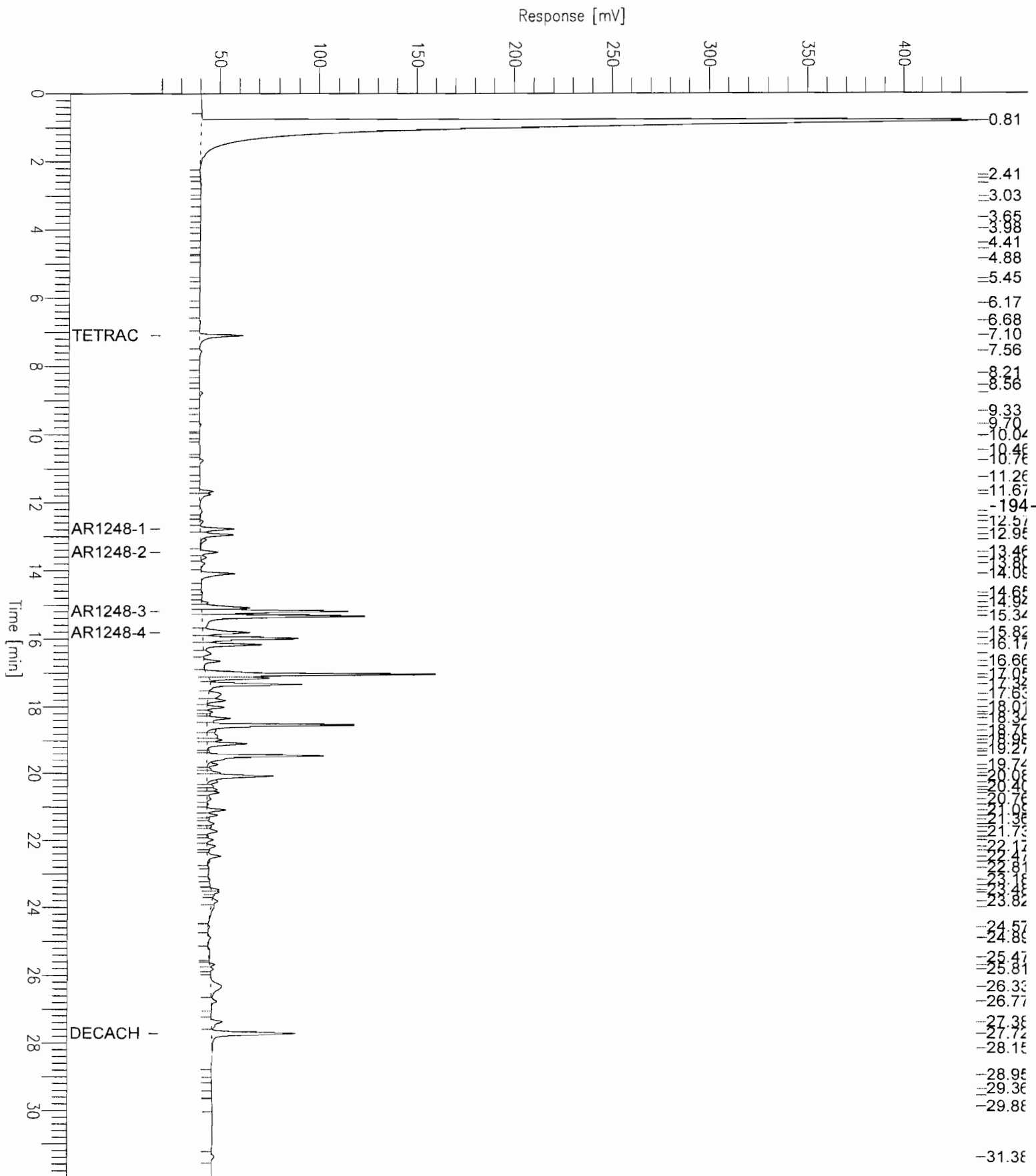
Report stored in ASCII file: C:\DATA65\HC05011.TX0

Chromatogram - ECD#1

Sample Name : u0511380-006a
 FileName : C:\DATA65\Hc05011.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 20 mV

Sample #: 11
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/6/05 12:07 AM
 Low Point : 19.65 mV
 High Point : 439.04 mV
 Plot Scale: 419.4 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-006a

Time : 12/9/05 12:45 PM

Sample Number: 12

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/11

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:43 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05012.RAW

Result File : C:\DATA65\IC05012.RST

Inst Method : PCB2CH from C:\DATA65\IC05012.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-195-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 126

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.500	1960		0.08	0.0269
2	1.336	12331038		508.11	169.3694
3	3.049	1316		0.05	0.0181
4	3.476	453		0.02	0.0062
5	3.562	5318		0.22	0.0730
6	3.922	2315		0.10	0.0318
7	4.099	1435		0.06	0.0197
8	4.348	2248		0.09	0.0309

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.456	5670		0.23	0.0779
10	5.013	5937		0.24	0.0815
11	5.206	8507		0.35	0.1168
12	5.471	3021		0.12	0.0415
13	5.846	1305		0.05	0.0179
14	6.188	404463	Tetrachloro-m-xylene	16.67	5.5554
15	6.799	5633		0.23	0.0774
16	7.128	12109		0.50	0.1663
17	7.371	8023		0.33	0.1102
18	7.702	18014		0.74	0.2474
19	8.035	6991		0.29	0.0960
20	8.164	1438		0.06	0.0197
21	8.535	559		0.45	0.1503
22	9.023	7385		5.95	1.9850
23	9.157	23808		19.20	6.3988
24	9.351	24123		19.45	6.4834
25	9.848	22549		18.18	6.0605
26	10.022	34649		27.94	9.3125
27	10.332	26916		21.70	7.2343
29	11.037	68488		55.22	18.4073
30	11.463	13424		16.87	5.6229
31	11.564	11926		14.99	4.9955
33	11.957	303769		381.72	127.2411
35	12.829	54333		49.34	16.4475
36	13.113	263754		239.53	79.8427
37	13.397	4864		5.16	1.7214
38	13.640	38326		40.69	13.5637
39	13.768	209337		222.26	74.0859
	13.994	1162102	AR1248	284.90	94.9660
41	14.135	1033358		1097.14	365.7132
42	14.365	86759		92.11	30.7047
43	14.581	77099		81.86	27.2859
44	14.780	330771		351.19	117.0622
45	14.887	399948		424.63	141.5445
46	14.964	562149		596.85	198.9488
47	15.215	83140		88.27	29.4238
48	15.479	18270		19.40	6.4660
49	15.720	177125		188.06	62.6858
50	15.919	1430126		1518.40	506.1325
51	16.101	334565		355.22	118.4052
52	16.305	534204		567.18	189.0590
53	16.575	3791		4.03	1.3417
54	16.664	37219		39.52	13.1722
55	16.749	8253		8.76	2.9207
56	16.909	126987		134.83	44.9418
57	16.952	92957		98.69	32.8982
58	17.080	708092		751.80	250.5991
59	17.300	64004		67.95	22.6515
60	17.486	47603		50.54	16.8471
61	17.556	29624		31.45	10.4843
62	17.685	181728		192.94	64.3148
63	17.886	75568		80.23	26.7440
64	18.126	71794		76.23	25.4084
65	18.232	734756		780.11	260.0359
66	18.482	48956		51.98	17.3259
67	18.652	57718		61.28	20.4267
68	18.881	562259		596.96	198.9877
69	19.055	135911		144.30	48.0998
70	19.168	121352		128.84	42.9474
71	19.352	18150		19.27	6.4233
72	19.419	33528		35.60	11.8658
73	19.496	39110		41.52	13.8414
74	19.683	122348		129.90	43.2998
75	19.886	3428		3.64	1.2132
76	20.033	63014		2.05	0.6841
77	20.142	39067		1.27	0.4241
78	20.320	9835		0.32	0.1068
79	20.472	1625		0.05	0.0176
80	20.546	22925		0.75	0.2489
81	20.629	25876		0.84	0.2809
82	20.780	35452		1.15	0.3849
83	20.995	124019		4.04	1.3464
84	21.197	28713		0.94	0.3117
85	21.355	3352		0.11	0.0364
86	21.439	14910		0.49	0.1619
87	21.589	4851		0.16	0.0527
88	21.750	7132		0.23	0.0774
89	21.905	1336		0.04	0.0145
90	22.066	11232		0.37	0.1219
91	22.206	98804		3.22	1.0727

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.336	36992		1.20	0.4016
93	22.572	22005		0.72	0.2389
94	22.799	5767		0.19	0.0626
95	22.874	7134		0.23	0.0775
96	22.994	19517		0.64	0.2119
97	23.168	12644		0.41	0.1373
98	23.337	8991		0.29	0.0976
99	23.481	5787		0.19	0.0628
100	23.590	8755		0.29	0.0951
101	23.861	288		0.01	0.0031
102	23.982	1627		0.05	0.0177
103	24.157	27538		0.90	0.2990
104	24.353	19325		0.63	0.2098
105	24.525	3407		0.11	0.0370
106	24.703	909		0.03	0.0099
107	25.120	91200		2.97	0.9901
108	25.222	86546		2.82	0.9396
109	25.878	47528		1.55	0.5160
110	26.071	600889	Decachlorobiphenyl	19.57	6.5237
111	26.684	28538		0.93	0.3098
112	27.108	8202		0.27	0.0890
113	27.290	13098		0.43	0.1422
114	27.557	13478		0.44	0.1463
115	27.658	14364		0.47	0.1559
116	27.790	9648		0.31	0.1047
117	27.963	15286		0.50	0.1660
118	28.186	11651		0.38	0.1265
119	28.421	16629		0.54	0.1805
120	28.572	4297		0.14	0.0466
121	28.899	3168		0.10	0.0344
122	29.075	33989		1.11	0.3690
123	29.417	5682		0.19	0.0617
124	30.200	4690		0.15	0.0509
125	30.448	2026		0.07	0.0220
126	31.171	362		0.01	0.0039
		25174250		10917.63	3639.2092

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
40	13.994	677594	AR1248-4	719.42	239.8059
28	10.673	173997	AR1248-1	140.30	46.7651
32	11.823	181265	AR1248-2	227.78	75.9273
34	12.705	129245	AR1248-3	117.37	39.1247
		1162102		1204.87	401.6229

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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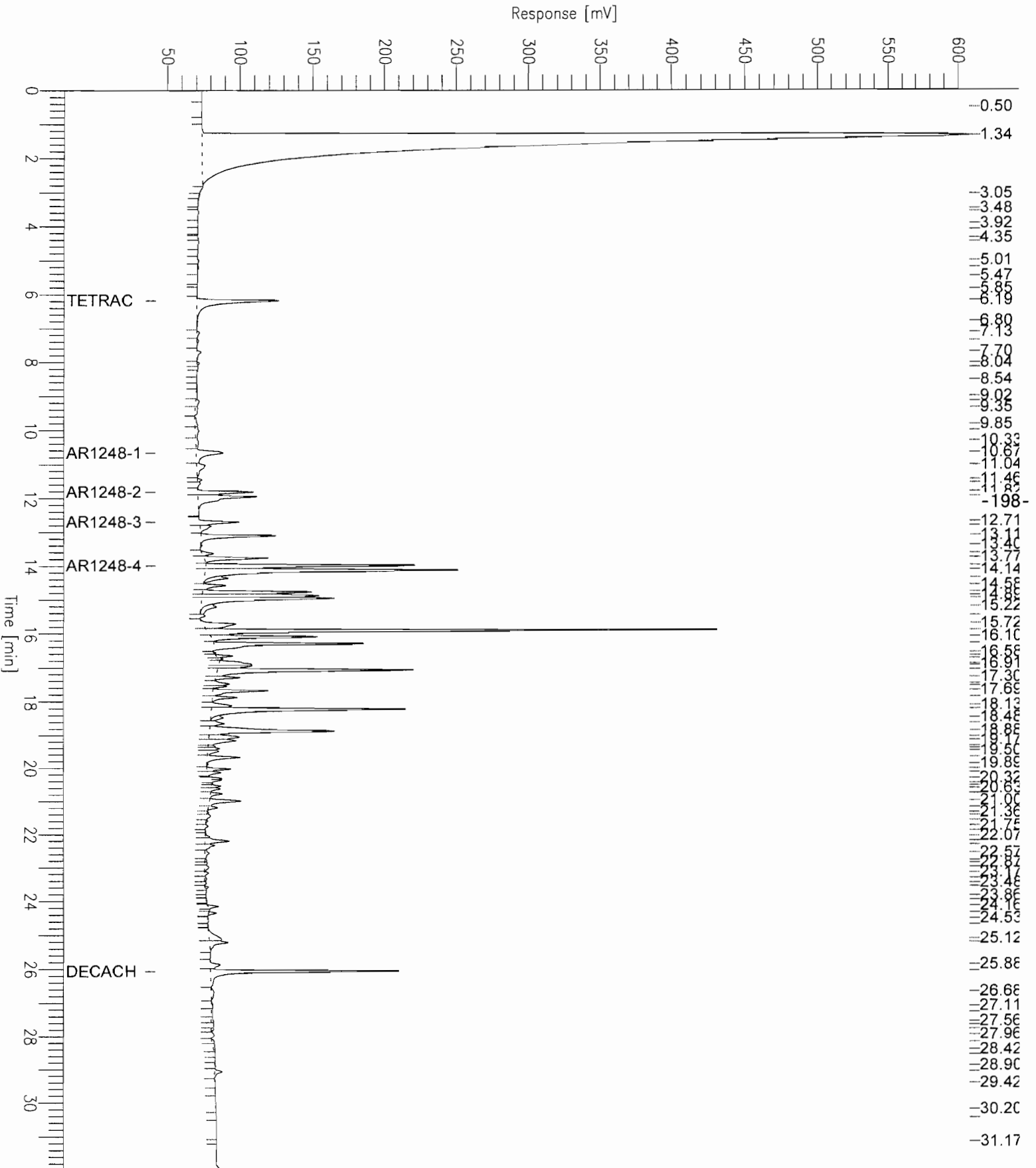
Report stored in ASCII file: C:\DATA65\IC05012.TX0

Chromatogram - ECD#1

Sample Name : u0511380-006a
 FileName : C:\DATA65\Ic05012.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 42 mV

Sample #: 12
 Date : 12/9/05 12:45 PM
 Time of Injection: 12/6/05 12:43 AM
 Low Point : 42.02 mV
 High Point : 607.96 mV
 Plot Scale: 565.9 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-109 6"

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-007A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 21.9

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

5:58PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		420	U
11104-28-2	Aroclor 1221		420	U
11141-16-5	Aroclor 1232		420	U
53469-21-9	Aroclor 1242		420	U
12672-29-6	Aroclor 1248		401	
11097-69-1	Aroclor 1254		420	U
11096-82-5	Aroclor 1260		420	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-109 0-6"
Lab Order: U0511380 **Collection Date:** 11/21/2005 3:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-007 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	21.9	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 7 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-007a

Time : 12/9/05 10:59 AM

Sample Number: 12

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/12

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:43 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05012.RAW

Result File : C:\DATA65\HC05012.RST

Inst Method : PCB2CH from C:\DATA65\HC05012.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-201-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 119

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.810	6167721		692.96	230.9872
2	2.400	962		0.11	0.0360
3	2.498	871		0.10	0.0326
4	2.639	1242		0.14	0.0465
5	3.036	527		0.06	0.0197
6	3.179	1938		0.22	0.0726
7	3.651	1798		0.20	0.0673
8	3.980	828		0.09	0.0310

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.402	808		0.09	0.0302
10	4.660	5655		0.64	0.2118
11	5.338	606		0.07	0.0227
12	5.578	1495		0.17	0.0560
13	6.172	591		0.07	0.0221
14	6.681	7765		0.87	0.2908
15	7.101	112556	Tetrachloro-m-xylene	12.65	4.2153
16	7.563	6495		0.73	0.2432
17	8.097	3138		0.35	0.1175
18	8.377	1445		0.16	0.0541
19	8.562	1102		0.12	0.0413
20	8.781	14272		1.60	0.5345
21	9.326	404		0.05	0.0151
22	9.703	4619		0.52	0.1730
23	10.039	2043		5.15	1.7157
24	10.453	8249		20.78	6.9280
25	10.758	9467		23.85	7.9512
26	11.264	1721		4.34	1.4451
27	11.674	46858		118.06	39.3549
28	11.762	50570		127.42	42.4719
29	12.205	6031		15.20	5.0652
30	12.265	9760		24.59	8.1973
31	12.416	2477		6.24	2.0800
32	12.564	6897		17.38	5.7926
34	12.952	178719		450.30	150.1011
35	13.102	64807		163.29	54.4300
37	13.617	40103		100.34	33.4472
38	13.794	30141		75.41	25.1383
39	14.094	149103		373.07	124.3559
40	14.475	4068		8.21	2.7365
41	14.653	5991		12.09	4.0302
42	14.751	8752		17.66	5.8872
43	14.938	14214		28.69	9.5619
44	15.087	283308		571.74	190.5808
	15.193	1061545	AR1248	643.89	214.6298
46	15.335	565206		1140.64	380.2129
48	15.988	433103		1214.62	404.8737
49	16.170	253017		709.58	236.5258
50	16.445	45350		127.18	42.3938
51	16.658	116488		326.69	108.8952
52	17.053	1182562		3316.45	1105.4840
53	17.153	113713		318.90	106.3013
54	17.338	406418		1139.78	379.9279
55	17.589	30041		84.25	28.0827
56	17.673	88328		247.71	82.5708
57	17.820	51719		145.05	48.3484
58	18.011	70249		197.01	65.6704
59	18.154	7320		20.53	6.8429
60	18.234	5942		16.66	5.5543
61	18.339	48670		136.49	45.4977
62	18.430	4322		12.12	4.0402
63	18.538	400889		1124.28	374.7599
64	18.706	2218		6.22	2.0731
65	18.878	17145		48.08	16.0277
66	18.981	32482		91.09	30.3645
67	19.093	113454		318.18	106.0592
68	19.227	1223		3.43	1.1428
69	19.343	710		1.99	0.6635
70	19.470	374998		1051.67	350.5562
71	19.735	27596		77.39	25.7973
72	19.868	7345		20.60	6.8661
73	20.074	314299		881.44	293.8135
74	20.249	30348		85.11	28.3698
75	20.408	34517		96.80	32.2675
76	20.475	21916		61.46	20.4875
77	20.570	28276		79.30	26.4326
78	20.690	6404		17.96	5.9870
79	20.762	9957		27.92	9.3076
80	20.907	4016		11.26	3.7547
81	21.085	57713		161.85	53.9513
82	21.242	31737		89.01	29.6686
83	21.357	8943		25.08	8.3605
84	21.500	22724		63.73	21.2432
85	21.590	11082		31.08	10.3601
86	21.731	37987		106.53	35.5109
87	21.878	1955		0.12	0.0387
88	21.980	13158		0.78	0.2603
89	22.169	23229		1.38	0.4595
90	22.469	41813		2.48	0.8271
91	22.625	5007		0.30	0.0990

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.807	1909		0.11	0.0378
93	23.174	4212		0.25	0.0833
94	23.347	12670		0.75	0.2506
95	23.476	31833		1.89	0.6297
96	23.546	34624		2.05	0.6849
97	23.813	46885		2.78	0.9274
98	24.338	4015		0.24	0.0794
99	24.561	4058		0.24	0.0803
100	24.672	1061		0.06	0.0210
101	24.891	19259		1.14	0.3810
102	25.469	21519		1.28	0.4257
103	25.681	20154		1.20	0.3987
104	25.810	9599		0.57	0.1899
105	25.918	1425		0.08	0.0282
106	26.271	11475		0.68	0.2270
107	26.416	12490		0.74	0.2471
108	26.769	16493		0.98	0.3263
109	27.376	55947		3.32	1.1067
110	27.716	228485	Decachlorobiphenyl	13.56	4.5196
111	28.090	5538		0.33	0.1095
112	28.932	588		0.03	0.0116
113	29.369	3786		0.22	0.0749
114	29.574	7510		0.45	0.1486
115	29.731	9749		0.58	0.1929
116	30.401	590		0.03	0.0117
117	30.994	1991		0.12	0.0394
118	31.381	13872		0.82	0.2744
119	31.674	2291		0.14	0.0453
		14011278		17194.52	5731.5058

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	15.814	246779	AR1248-4	692.08	230.6947
33	12.780	211839	AR1248-1	533.75	177.9172
36	13.460	123671	AR1248-2	309.43	103.1449
45	15.193	479256	AR1248-3	967.18	322.3947
		1061545		2502.45	834.1515

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

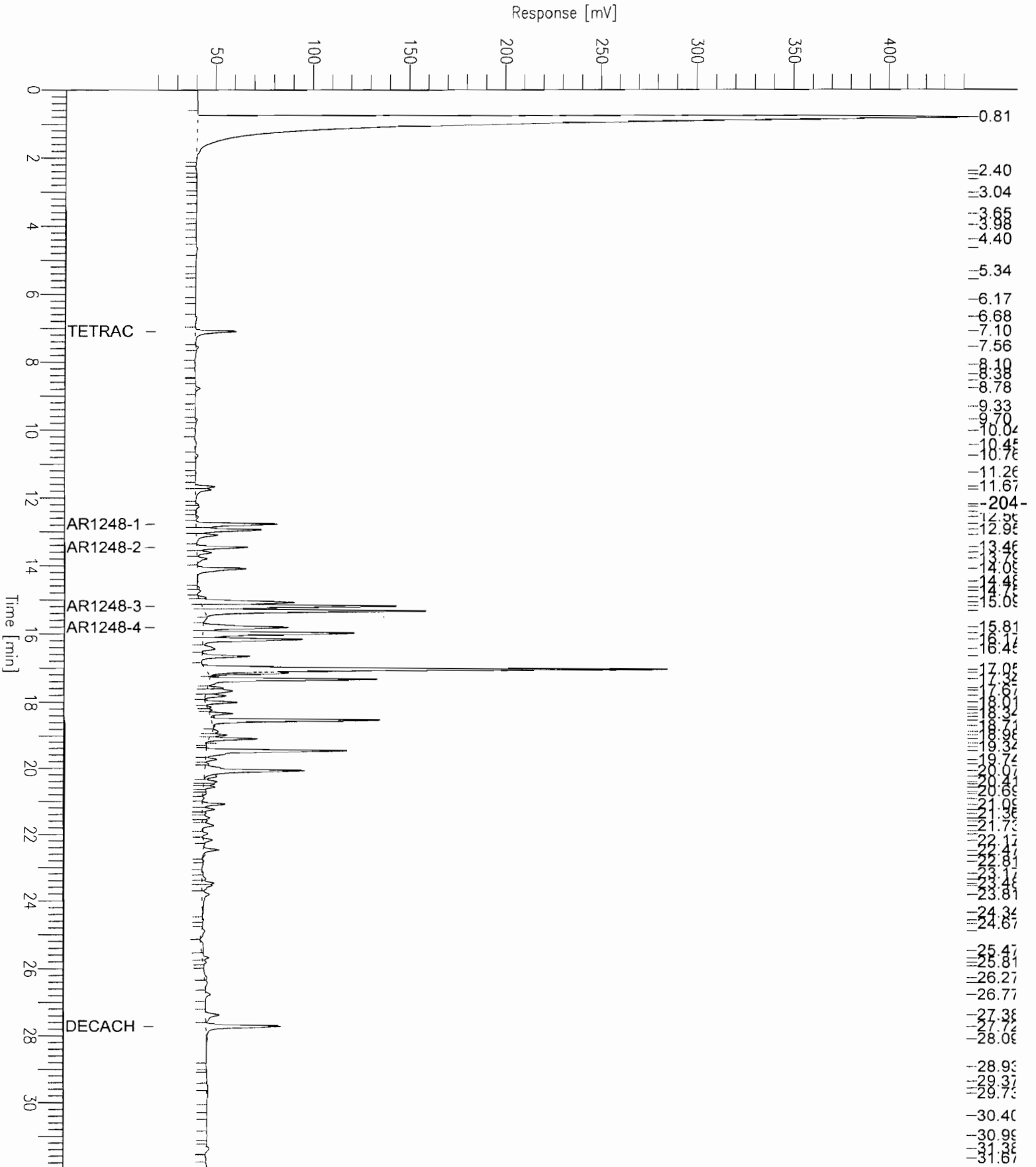
Report stored in ASCII file: C:\DATA65\HC05012.TX0

Chromatogram - ECD#1

Sample Name : u0511380-007a
 FileName : C:\DATA65\Hc05012.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 19 mV

Sample #: 12
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/6/05 12:43 AM
 Low Point : 18.96 mV
 High Point : 442.16 mV
 Plot Scale: 423.2 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-007a

Time : 12/9/05 12:45 PM

Sample Number: 13

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/12

Interface Serial # : NONE Data Acquisition Time: 12/6/05 01:19 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05013.RAW

Result File : C:\DATA65\IC05013.RST

Inst Method : PCB2CH from C:\DATA65\IC05013.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-205-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 137

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.532	20110		0.83	0.2762
2	1.339	12341208		508.53	169.5091
3	3.052	3846		0.16	0.0528
4	3.473	247		0.01	0.0034
5	3.564	6092		0.25	0.0837
6	3.934	2574		0.11	0.0354
7	4.108	2596		0.11	0.0357
8	4.348	2289		0.09	0.0314

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.478	7121		0.29	0.0978
10	5.010	5701		0.23	0.0783
11	5.211	8486		0.35	0.1166
12	5.538	4835		0.20	0.0664
13	5.853	567		0.02	0.0078
14	6.189	354310	Tetrachloro-m-xylene	14.60	4.8665
15	6.799	14182		0.58	0.1948
16	7.119	11519		0.47	0.1582
17	7.351	12692		0.52	0.1743
18	7.606	4898		0.20	0.0673
19	7.710	20826		0.86	0.2861
20	8.036	15959		0.66	0.2192
21	8.162	6133		0.25	0.0842
22	8.553	6909		5.57	1.8569
23	8.701	8393		6.77	2.2558
24	8.810	8179		6.59	2.1983
25	9.030	19729		15.91	5.3025
26	9.155	44239		35.67	11.8900
27	9.353	33831		27.28	9.0927
28	9.848	23522		18.97	6.3218
29	10.019	19377		15.62	5.2079
30	10.339	1374		1.11	0.3694
32	11.101	56794		45.79	15.2646
33	11.258	10151		12.76	4.2522
34	11.464	16406		20.62	6.8719
35	11.565	19840		24.93	8.3103
37	11.958	378487		475.62	158.5387
38	12.057	249809		313.92	104.6388
40	12.830	117196		106.43	35.4772
41	13.115	374094		339.73	113.2445
42	13.398	8360		8.88	2.9587
43	13.638	54467		57.83	19.2764
44	13.770	360985		383.27	127.7553
	13.996	1778705	AR1248	436.06	145.3542
46	14.135	1439619		1528.48	509.4922
47	14.368	129654		137.66	45.8857
48	14.583	106320		112.88	37.6275
49	14.780	480458		510.11	170.0377
50	14.892	517265		549.19	183.0639
51	14.966	735595		781.00	260.3326
52	15.392	16935		17.98	5.9933
53	15.504	32078		34.06	11.3527
54	15.718	343851		365.07	121.6915
55	15.920	2512228		2667.29	889.0967
56	16.102	406437		431.52	143.8413
57	16.306	883515		938.05	312.6829
58	16.579	14217		15.09	5.0315
59	16.664	75363		80.02	26.6717
60	16.748	7965		8.46	2.8190
61	16.893	99700		105.85	35.2844
62	17.081	650838		691.01	230.3366
63	17.300	14450		15.34	5.1138
64	17.485	88933		94.42	31.4740
65	17.560	63283		67.19	22.3963
66	17.688	190905		202.69	67.5628
67	17.780	44807		47.57	15.8576
68	17.888	128219		136.13	45.3777
69	18.128	110918		117.76	39.2548
70	18.233	820116		870.74	290.2453
71	18.485	26944		28.61	9.5357
72	18.654	33972		36.07	12.0230
73	18.889	704693		748.19	249.3963
74	19.053	140900		149.60	49.8655
75	19.172	108728		115.44	38.4798
76	19.352	16058		17.05	5.6831
77	19.419	32754		34.78	11.5918
78	19.496	18932		20.10	6.7002
79	19.688	167921		178.29	59.4287
80	19.883	2968		3.15	1.0503
81	20.034	73100		77.61	25.8707
82	20.142	48839		1.59	0.5302
83	20.315	78625		2.56	0.8536
84	20.547	42075		1.37	0.4568
85	20.628	36043		1.17	0.3913
86	20.779	38627		1.26	0.4194
87	20.882	3128		0.10	0.0340
88	20.998	145960		4.75	1.5847
89	21.194	24926		0.81	0.2706
90	21.352	6875		0.22	0.0746
91	21.462	21905		0.71	0.2378

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.589	15803		0.51	0.1716
93	21.743	8915		0.29	0.0968
94	21.911	6278		0.20	0.0682
95	22.066	25304		0.82	0.2747
96	22.208	132994		4.33	1.4439
97	22.336	57260		1.86	0.6217
98	22.580	50167		1.63	0.5446
99	22.804	15911		0.52	0.1727
100	22.880	20042		0.65	0.2176
101	23.002	56702		1.85	0.6156
102	23.169	31702		1.03	0.3442
103	23.328	33823		1.10	0.3672
104	23.474	28125		0.92	0.3053
105	23.626	15288		0.50	0.1660
106	23.729	13960		0.45	0.1516
107	23.842	5148		0.17	0.0559
108	23.981	1061		0.03	0.0115
109	24.158	30669		1.00	0.3330
110	24.354	15772		0.51	0.1712
111	24.529	5030		0.16	0.0546
112	24.714	2060		0.07	0.0224
113	25.117	40607		1.32	0.4409
114	25.225	46398		1.51	0.5037
115	25.350	13613		0.44	0.1478
116	25.874	58804		1.92	0.6384
117	26.071	532617	Decachlorobiphenyl	17.35	5.7825
118	26.680	9560		0.31	0.1038
119	27.100	15771		0.51	0.1712
120	27.240	27980		0.91	0.3038
121	27.569	21911		0.71	0.2379
122	27.661	22635		0.74	0.2457
123	27.797	20154		0.66	0.2188
124	27.986	22400		0.73	0.2432
125	28.176	20621		0.67	0.2239
126	28.293	15905		0.52	0.1727
127	28.442	17485		0.57	0.1898
128	28.655	39812		1.30	0.4322
129	28.900	20018		0.65	0.2173
130	29.075	43532		1.42	0.4726
131	29.456	9142		0.30	0.0993
132	30.243	1768		0.06	0.0192
133	30.341	669		0.02	0.0073
134	30.862	3226		0.11	0.0350
135	31.146	5075		0.17	0.0551
136	31.426	1411		0.05	0.0153
137	31.569	807		0.03	0.0088
29708615				14889.24	4963.0816

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
45	13.996	859249	AR1248-4	912.28	304.0948
31	10.677	203512	AR1248-1	164.09	54.6976
36	11.825	401673	AR1248-2	504.75	168.2506
39	12.708	314271	AR1248-3	285.41	95.1351
1778705				1866.53	622.1781

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

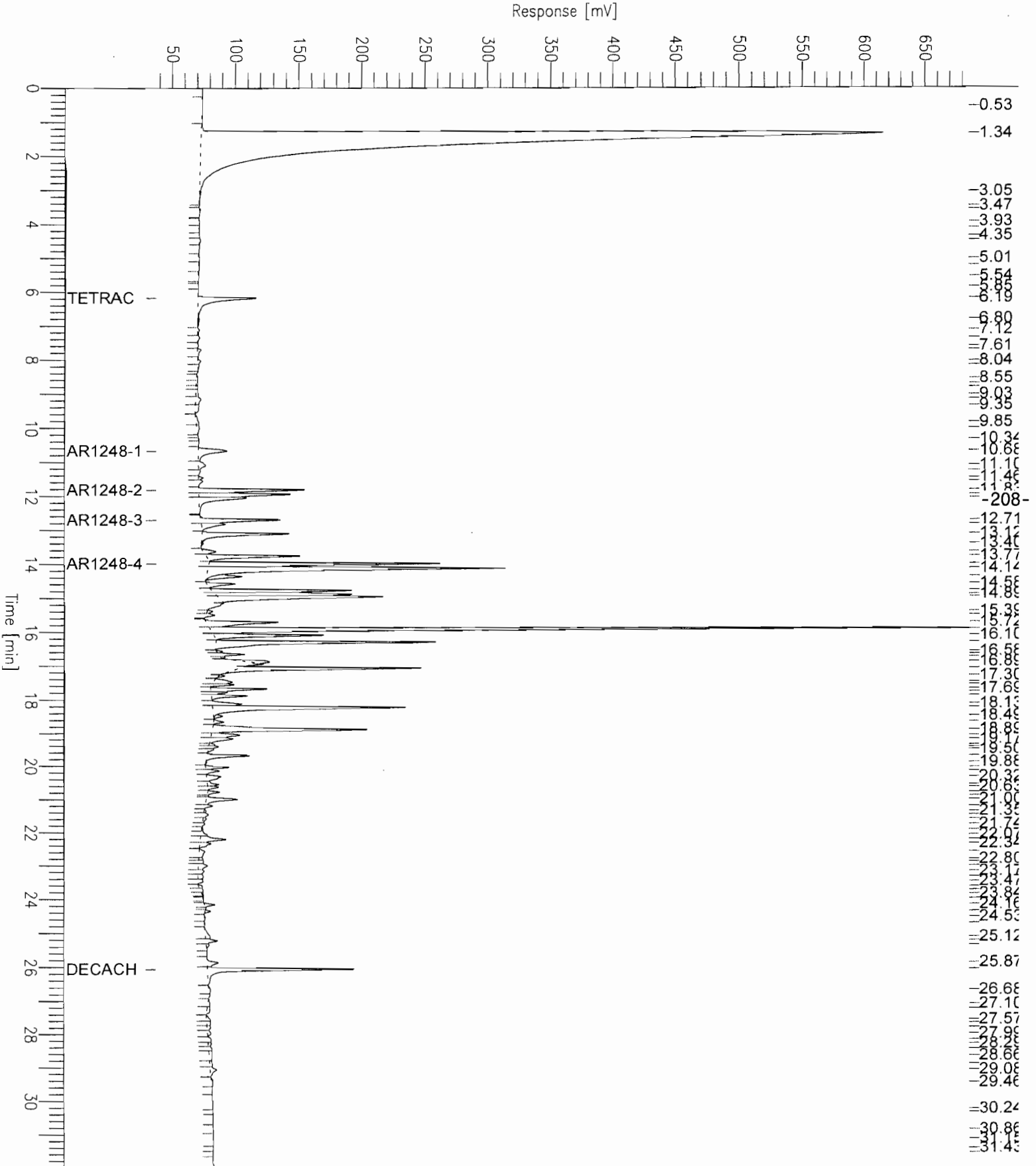
Report stored in ASCII file: C:\DATA65\IC05013.TX0

Chromatogram - ECD#1

Sample Name : u0511380-007a
 FileName : C:\DATA65\Ic05013.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 37 mV

Sample #: 13
 Date : 12/9/05 12:45 PM
 Time of Injection: 12/6/05 01:19 AM
 Low Point : 37.48 mV
 High Point : 685.29 mV
 Plot Scale: 647.8 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-007a

Time : 12/11/05 04:40 PM

Sample Number: 7

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/7

Interface Serial # : NONE Data Acquisition Time: 12/9/05 05:58 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09007.RAW

Result File : C:\DATA65\HC09007.RST

Inst Method : PCB2CH from C:\DATA65\HC09007.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-209-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 81

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.809	1762005		197.97	659.8879
2	3.228	670		0.08	0.2509
3	3.978	294		0.03	0.1101
4	4.896	531		0.06	0.1989
5	6.170	1001		0.11	0.3750
6	6.686	568		0.06	0.2128
7	7.098	10771	Tetrachloro-m-xylene	1.21	4.0340
8	7.561	513		0.06	0.1923

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.781	1571		0.18	0.5884
10	9.702	674		0.08	0.2523
11	10.354	787		1.98	6.6093
12	11.674	5251		13.23	44.1000
13	11.763	5040		12.70	42.3295
14	12.268	1501		3.78	12.6074
15	12.564	616		1.55	5.1724
17	12.951	21525		54.23	180.7822
18	13.101	6270		15.80	52.6571
20	13.617	4097		10.25	34.1689
21	13.793	2779		6.95	23.1741
22	14.093	15907		39.80	132.6720
23	14.659	708		1.43	4.7649
24	14.751	1072		2.16	7.2119
25	14.939	1607		3.24	10.8128
26	15.085	33065		66.73	222.4244
	15.193	129701	AR1248	78.67	262.2370
28	15.334	63236		127.62	425.3846
30	15.985	48911		137.17	457.2276
31	16.170	29659		83.18	277.2584
32	16.446	5903		16.55	55.1805
33	16.657	14306		40.12	133.7327
34	17.050	84405		236.71	789.0330
35	17.153	17225		48.31	161.0206
36	17.336	42274		118.55	395.1828
37	17.588	3039		8.52	28.4103
38	17.675	9475		26.57	88.5748
39	17.823	4863		13.64	45.4631
40	18.011	8354		23.43	78.0995
41	18.156	989		2.77	9.2470
42	18.234	1410		3.95	13.1774
43	18.343	18444		51.72	172.4143
44	18.541	63937		179.31	597.6956
45	18.879	7173		20.12	67.0569
46	18.983	5479		15.37	51.2206
47	19.092	15285		42.87	142.8884
48	19.473	38410		107.72	359.0669
49	19.738	3031		8.50	28.3386
50	19.867	570		1.60	5.3320
51	20.076	29467		82.64	275.4602
52	20.255	2174		6.10	20.3187
53	20.410	1131		3.17	10.5759
54	20.572	1501		4.21	14.0358
55	20.765	1079		3.02	10.0832
56	20.908	291		0.82	2.7228
57	21.089	6066		17.01	56.7064
58	21.242	3276		9.19	30.6243
59	21.361	347		0.97	3.2422
60	21.503	1635		4.58	15.2829
61	21.591	738		2.07	6.8972
62	21.735	3885		10.90	36.3191
63	21.985	1393		0.08	0.2755
64	22.196	5818		0.35	1.1508
65	22.471	5035		0.30	0.9961
66	22.890	583		0.03	0.1153
67	23.183	411		0.02	0.0813
68	23.351	993		0.06	0.1964
69	23.480	2814		0.17	0.5566
70	23.549	2952		0.18	0.5840
71	23.816	2098		0.12	0.4150
72	24.568	341		0.02	0.0674
73	24.894	642		0.04	0.1269
74	25.684	12739		0.76	2.5199
75	25.814	3405		0.20	0.6735
76	26.241	8834		0.52	1.7475
77	26.771	6140		0.36	1.2145
78	27.398	5580		0.33	1.1039
79	27.714	23885	Decachlorobiphenyl	1.42	4.7246
80	31.383	2021		0.12	0.3997
81	31.674	448		0.03	0.0885
2632622				1976.44	6588.1383

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Group Report For : AR1248

Peak	Time	Area	Component	On Column	Sample Results
------	------	------	-----------	-----------	----------------

#	[min]	[uV*sec]	Name	ppb	ug/L, ug/kg, ng
29	15.814	27010	AR1248-4	75.75	252.4994
16	12.781	33409	AR1248-1	84.18	280.5949
19	13.459	13865	AR1248-2	34.69	115.6349
27	15.193	55416	AR1248-3	111.84	372.7850
				306.45	1021.5141

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

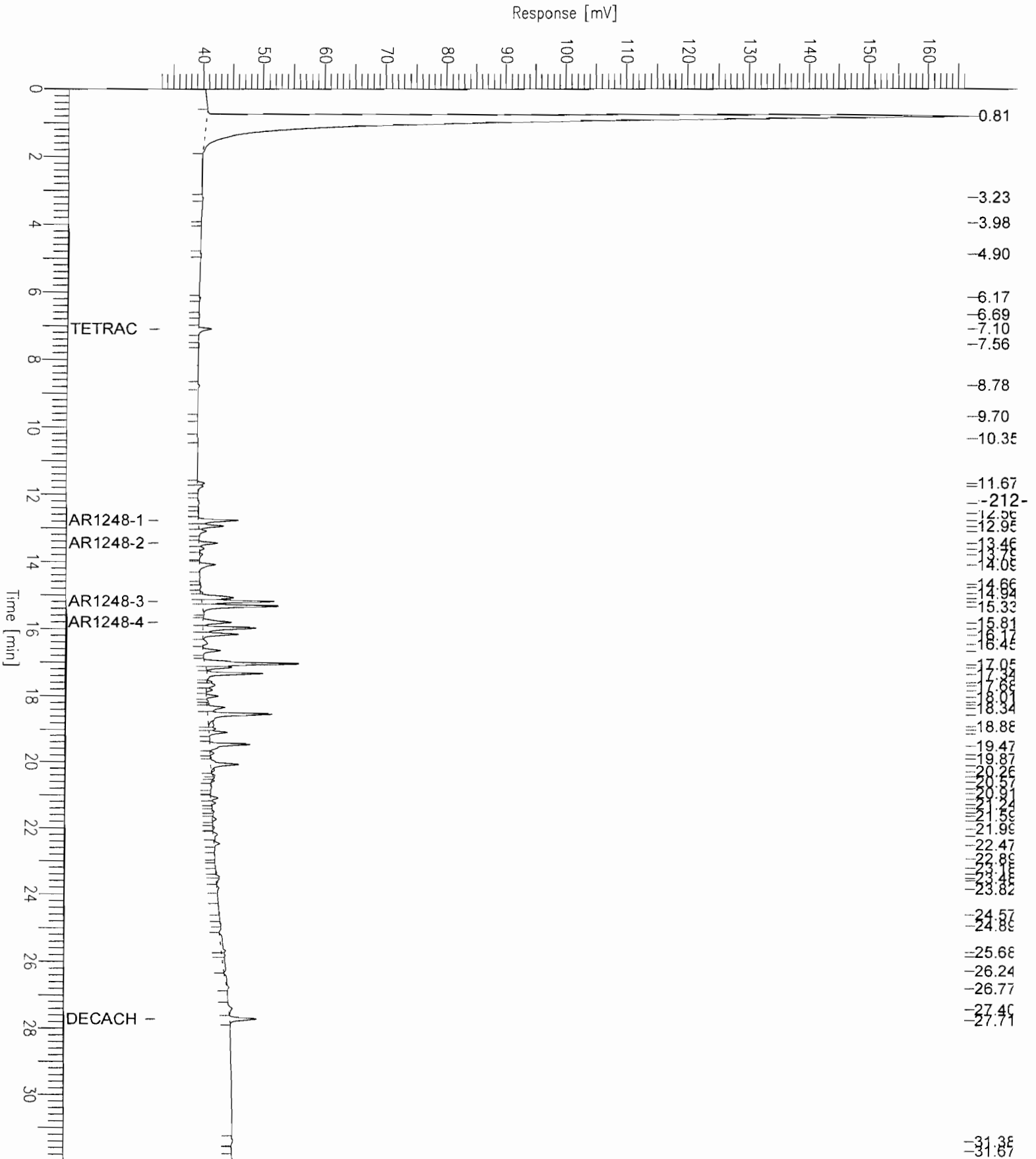
Report stored in ASCII file: C:\DATA65\HC09007.TX0

Chromatogram - ECD#1

Sample Name : u0511380-007a
 FileName : C:\DATA65\Hc09007.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 33 mV

Sample #: 7
 Date : 12/11/05 04:40 PM
 Time of Injection: 12/9/05 05:58 PM
 Low Point : 32.80 mV
 Plot Scale: 133.8 mV
 High Point : 166.56 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-007a

Time : 12/22/05 03:17 PM

Sample Number: 8

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/7

Interface Serial # : NONE Data Acquisition Time: 12/9/05 06:34 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09008.RAW

Result File : C:\DATA65\IC09008.RST

Inst Method : PCB2CH from C:\DATA65\IC09008.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-213-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 97

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.485	748		0.03	0.1028
2	1.339	3311717		136.46	454.8714
3	3.122	470		0.02	0.0645
4	3.582	975		0.04	0.1339
5	3.754	261		0.01	0.0358
6	3.940	3475		0.14	0.4773
7	4.109	1439		0.06	0.1976
8	4.474	713		0.03	0.0979

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.013	304		0.01	0.0417
10	5.492	664		0.03	0.0912
11	6.190	31535	Tetrachloro-m-xylene	1.30	4.3315
12	6.824	1594		0.07	0.2189
13	7.107	275		0.01	0.0378
14	7.349	604		0.02	0.0829
15	7.723	1425		0.06	0.1957
16	8.043	1067		0.04	0.1465
17	9.166	1316		1.06	3.5383
18	9.880	2479		2.00	6.6634
19	10.033	1605		1.29	4.3144
20	10.413	895		0.72	2.4067
22	11.110	2039		1.64	5.4790
23	11.471	1242		1.56	5.2036
24	11.565	2199		2.76	9.2128
26	11.963	41904		52.66	175.5270
27	12.058	26342		33.10	110.3416
29	12.833	12309		11.18	37.2613
30	13.119	37433		33.99	113.3152
31	13.642	5552		5.89	19.6474
32	13.778	35772		37.98	126.5995
	14.005	178122	AR1248	43.67	145.5596
34	14.143	161186		171.13	570.4496
35	14.371	21487		22.81	76.0449
36	14.588	14681		15.59	51.9577
37	14.786	60440		64.17	213.9013
38	14.901	34553		36.69	122.2875
39	14.974	118444		125.75	419.1808
40	15.400	1509		1.60	5.3393
41	15.509	3511		3.73	12.4251
42	15.723	32093		34.07	113.5810
43	15.924	191601		203.43	678.0924
44	16.107	35764		37.97	126.5713
45	16.313	84142		89.34	297.7837
46	16.576	729		0.77	2.5802
47	16.668	7685		8.16	27.1979
48	16.894	19993		21.23	70.7582
49	16.960	18895		20.06	66.8698
50	17.092	78350		83.19	277.2861
51	17.296	5463		5.80	19.3353
52	17.486	8041		8.54	28.4562
53	17.564	6865		7.29	24.2956
54	17.693	11538		12.25	40.8340
55	17.891	6721		7.14	23.7866
56	18.133	9589		10.18	33.9364
57	18.243	65647		69.70	232.3283
58	18.481	2430		2.58	8.5986
59	18.658	2110		2.24	7.4685
60	18.892	62672		66.54	221.7998
61	19.070	12089		12.84	42.7840
62	19.175	10273		10.91	36.3572
63	19.354	558		0.59	1.9741
64	19.424	1093		1.16	3.8695
65	19.695	15838		16.82	56.0519
66	20.040	6107		6.48	21.6135
67	20.146	5850		0.19	0.6352
68	20.372	8006		0.26	0.8692
69	20.552	5487		0.18	0.5957
70	20.641	4022		0.13	0.4366
71	20.788	5767		0.19	0.6261
72	21.007	16638		0.54	1.8064
73	21.205	2911		0.09	0.3160
74	21.469	2433		0.08	0.2641
75	21.751	533		0.02	0.0579
76	21.927	1307		0.04	0.1419
77	22.213	19550		0.64	2.1225
78	22.339	8696		0.28	0.9441
79	22.596	2657		0.09	0.2885
80	23.006	9652		0.31	1.0478
81	23.167	5507		0.18	0.5979
82	23.334	6679		0.22	0.7252
83	23.479	6987		0.23	0.7585
84	23.726	11285		0.37	1.2252
85	24.165	21153		0.69	2.2966
86	24.357	5596		0.18	0.6075
87	24.563	2122		0.07	0.2303
88	25.234	4958		0.16	0.5383
89	25.386	512		0.02	0.0555
90	26.075	58956	Decachlorobiphenyl	1.92	6.4008
91	26.844	808		0.03	0.0878

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	27.800	11285		0.37	1.2252
93	28.002	5298		0.17	0.5752
94	28.302	7979		0.26	0.8663
95	28.734	9173		0.30	0.9959
96	29.095	4697		0.15	0.5099
97	29.604	1720		0.06	0.1867
		5076795		1557.01	5190.0281

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
33	14.005	83888	AR1248-4	89.07	296.8863
21	10.685	16116	AR1248-1	12.99	43.3139
25	11.830	46208	AR1248-2	58.07	193.5518
28	12.712	31910	AR1248-3	28.98	96.5983
		178122		189.11	630.3503

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

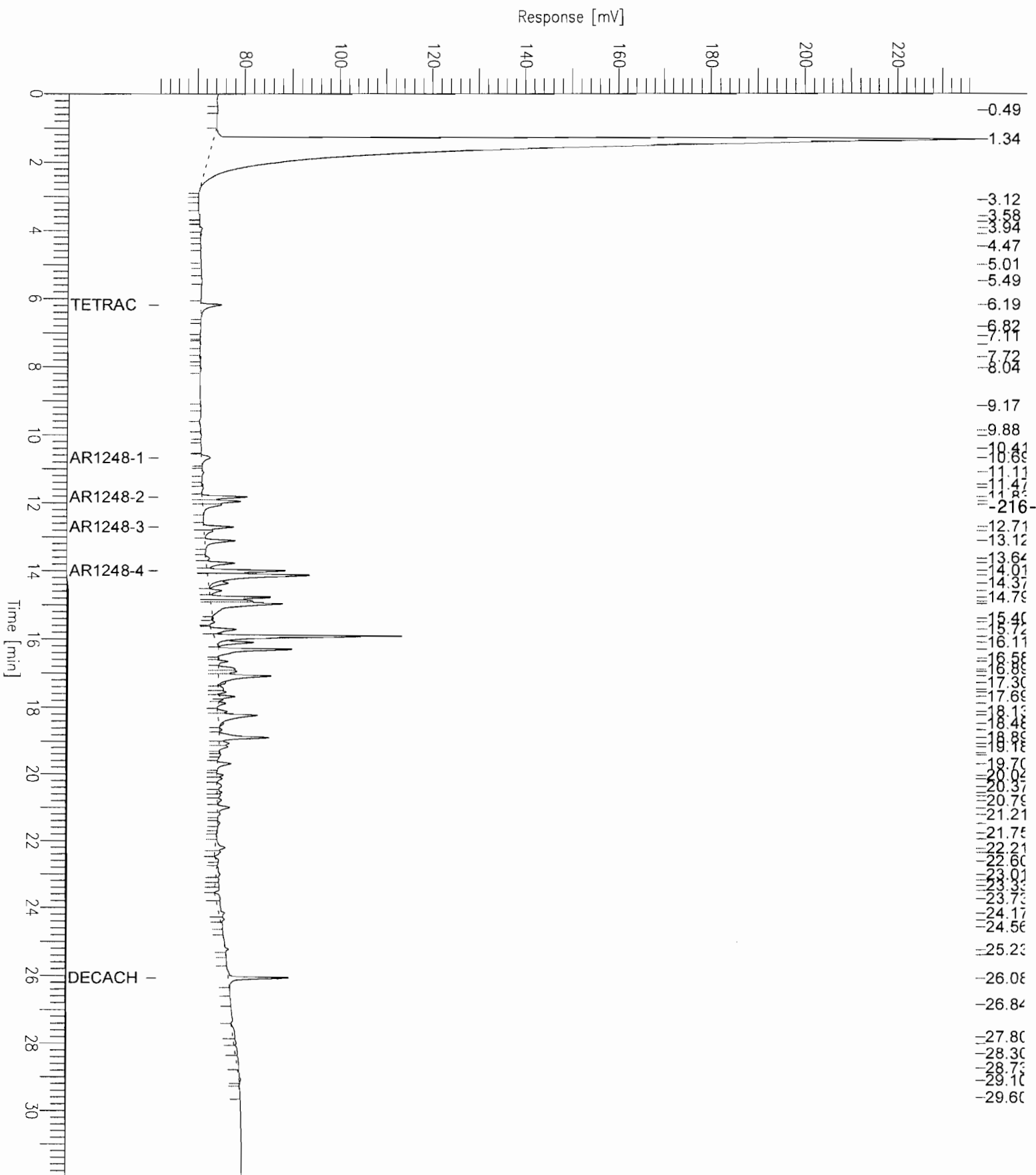
Report stored in ASCII file: C:\DATA65\IC09008.TX0

Chromatogram - ECD#1

Sample Name : u0511380-007a
 FileName : C:\DATA65\Ic09008.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 62 mV

Sample #: 8
 Date : 12/22/05 03:17 PM
 Time of Injection: 12/9/05 06:34 PM
 Low Point : 61.76 mV
 Plot Scale: 175.9 mV
 High Point : 237.62 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-109 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-008A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 7.2

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:19AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		36	U
11104-28-2	Aroclor 1221		36	U
11141-16-5	Aroclor 1232		36	U
53469-21-9	Aroclor 1242		36	U
12672-29-6	Aroclor 1248		118	
11097-69-1	Aroclor 1254		36	U
11096-82-5	Aroclor 1260		36	U

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FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 Client Sample ID: SS-109 2'
Lab Order: U0511380 Collection Date: 11/22/2005 11:00:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-008 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	7.20	0.00100		wt%	1	12/7/2005

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Approved By: _____ Date: _____ Page 8 of 30

Qualifiers: * Low Level ** Value exceeds Maximum Contaminant Value
B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>
Sample Name : u0511380-008a
Sample Number: 13
Operator : manager

Time : 12/9/05 10:59 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/13

Interface Serial # : NONE Data Acquisition Time: 12/6/05 01:19 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05013.RAW
Result File : C:\DATA65\HC05013.RST
Inst Method : PCB2CH from C:\DATA65\HC05013.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-219-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 102

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	4868294		546.97	182.3223
2	2.491	260		0.03	0.0097
3	3.210	1076		0.12	0.0403
4	3.654	615		0.07	0.0230
5	3.981	225		0.03	0.0084
6	4.403	886		0.10	0.0332
7	4.581	991		0.11	0.0371
8	4.890	888		0.10	0.0333

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.452	542		0.06	0.0203
10	5.582	1763		0.20	0.0660
11	5.788	1347		0.15	0.0504
12	6.178	501		0.06	0.0188
13	6.680	556		0.06	0.0208
14	7.103	106982	Tetrachloro-m-xylene	12.02	4.0066
15	7.565	16218		1.82	0.6074
16	7.868	673		0.08	0.0252
17	8.211	673		0.08	0.0252
18	8.556	321		0.04	0.0120
19	8.784	7240		0.81	0.2711
20	9.708	4151		0.47	0.1554
21	10.465	3760		9.47	3.1582
22	10.761	9850		24.82	8.2725
23	11.267	606		1.53	0.5092
24	11.675	13858		34.92	11.6391
25	11.763	15517		39.10	13.0327
26	12.268	5298		13.35	4.4497
27	12.419	783		1.97	0.6579
28	12.566	8726		21.99	7.3289
30	12.954	57242		144.23	48.0756
31	13.102	17564		44.26	14.7519
33	13.617	9744		24.38	8.1271
34	13.796	7463		18.67	6.2243
35	14.094	52352		130.99	43.6633
36	14.476	479		0.97	0.3224
37	14.653	1863		3.76	1.2530
38	14.753	2127		4.29	1.4307
39	14.939	6752		13.63	4.5422
40	15.085	78899		159.23	53.0753
	15.195	383565	AR1248	232.65	77.5516
42	15.336	212766		429.38	143.1276
43	15.608	10460		29.34	9.7784
45	15.988	164437		461.16	153.7189
46	16.172	102921		288.64	96.2130
47	16.444	18439		51.71	17.2368
48	16.659	38715		108.57	36.1913
49	17.053	638204		1789.82	596.6063
50	17.338	145501		408.05	136.0176
51	17.675	37442		105.00	35.0012
52	17.824	18840		52.84	17.6125
53	18.012	26879		75.38	25.1272
54	18.155	3552		9.96	3.3207
55	18.236	2443		6.85	2.2837
56	18.340	21003		58.90	19.6343
57	18.430	2305		6.46	2.1544
58	18.540	174002		487.98	162.6612
59	18.874	9333		26.17	8.7245
60	18.983	24988		70.08	23.3593
61	19.093	52781		148.02	49.3412
62	19.230	296		0.83	0.2770
63	19.472	166981		468.29	156.0974
64	19.735	13226		37.09	12.3639
65	19.870	3989		11.19	3.7288
66	20.074	145420		407.82	135.9415
67	20.254	14717		41.27	13.7575
68	20.408	33879		95.01	31.6706
69	20.571	14671		41.15	13.7150
70	20.686	3132		8.78	2.9276
71	20.761	4554		12.77	4.2571
72	20.910	2044		5.73	1.9105
73	21.087	29964		84.03	28.0114
74	21.242	16940		47.51	15.8358
75	21.361	3857		10.82	3.6052
76	21.500	11667		32.72	10.9064
77	21.590	5204		14.60	4.8651
78	21.729	19851		55.67	18.5575
79	21.870	496		0.03	0.0098
80	21.982	6814		0.40	0.1348
81	22.183	24581		1.46	0.4862
82	22.470	26108		1.55	0.5164
83	22.628	4199		0.25	0.0831
84	22.883	3345		0.20	0.0662
85	23.176	1476		0.09	0.0292
86	23.347	2919		0.17	0.0577
87	23.478	11745		0.70	0.2323
88	23.547	12751		0.76	0.2522
89	23.814	8771		0.52	0.1735
90	24.582	5335		0.32	0.1055
91	24.887	5025		0.30	0.0994

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.495	3904		0.23	0.0772
93	25.681	5834		0.35	0.1154
94	25.815	2338		0.14	0.0462
95	26.292	2386		0.14	0.0472
96	26.770	7969		0.47	0.1576
97	27.382	26053		1.55	0.5153
98	27.715	237456	Decachlorobiphenyl	14.09	4.6971
99	28.092	45715		2.71	0.9043
100	29.161	2504		0.15	0.0495
101	30.996	936		0.06	0.0185
102	31.382	3869		0.23	0.0765
		8338583		7504.03	2501.3422

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
44	15.816	98417	AR1248-4	276.01	92.0025
29	12.782	64598	AR1248-1	162.76	54.2544
32	13.462	31608	AR1248-2	79.08	26.3615
41	15.195	188942	AR1248-3	381.30	127.1008
		383565		899.16	299.7193

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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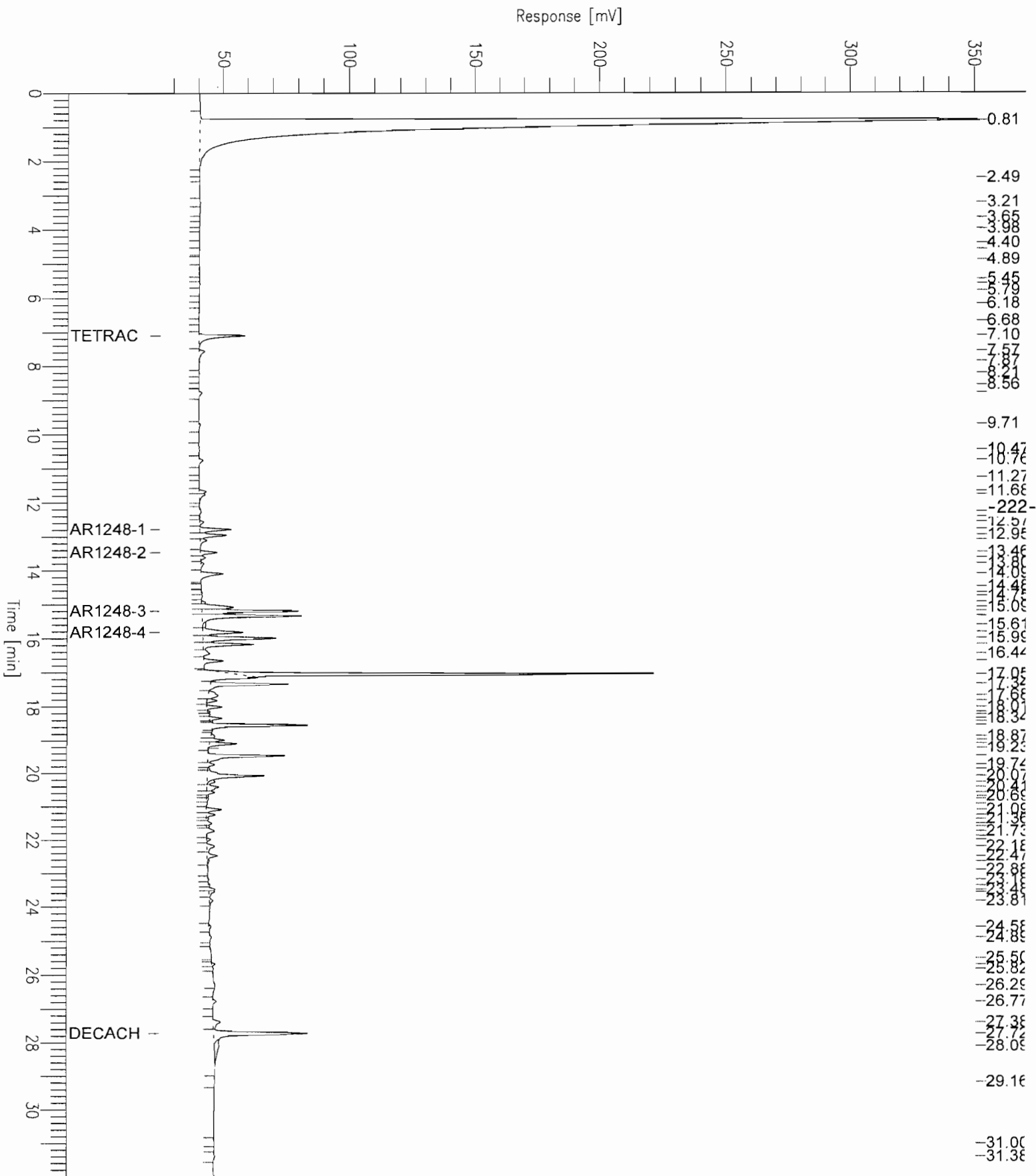
Report stored in ASCII file: C:\DATA65\HC05013.TX0

Chromatogram - ECD#1

Sample Name : u0511380-008a
 FileName : C:\DATA65\Hc05013.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 25 mV

Sample #: 13
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/6/05 01:19 AM
 Low Point : 24.63 mV
 Plot Scale: 326.4 mV
 High Point : 351.00 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-008a
Sample Number: 14
Operator : manager

Time : 12/9/05 12:45 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/13

Interface Serial # : NONE Data Acquisition Time: 12/6/05 01:55 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05014.RAW
Result File : C:\DATA65\IC05014.RST
Inst Method : PCB2CH from C:\DATA65\IC05014.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 118

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.513	8331		0.34	0.1144
2	1.337	9745627		401.57	133.8583
3	3.053	1214		0.05	0.0167
4	3.479	590		0.02	0.0081
5	3.569	2934		0.12	0.0403
6	3.929	2677		0.11	0.0368
7	4.112	1693		0.07	0.0233
8	4.456	4241		0.17	0.0582

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.013	2647		0.11	0.0364
10	5.222	4188		0.17	0.0575
11	6.192	368580	Tetrachloro-m-xylene	15.19	5.0625
12	6.793	5205		0.21	0.0715
13	7.132	24088		0.99	0.3309
14	7.371	12904		0.53	0.1772
15	7.706	15672		0.65	0.2153
16	8.038	5367		0.22	0.0737
17	8.543	1643		1.32	0.4415
18	9.026	3375		2.72	0.9070
19	9.157	10949		8.83	2.9428
20	9.371	743		0.60	0.1996
21	9.848	2961		2.39	0.7958
22	9.952	678		0.55	0.1821
23	10.341	477		0.38	0.1283
25	11.038	6332		5.11	1.7017
26	11.465	7290		9.16	3.0538
27	11.563	6863		8.62	2.8749
29	11.958	141499		177.81	59.2705
30	12.053	72938		91.66	30.5518
32	12.829	36060		32.75	10.9159
33	13.114	152299		138.31	46.1033
34	13.395	2750		2.92	0.9733
35	13.639	21564		22.90	7.6317
36	13.770	101757		108.04	36.0125
	13.996	668029	AR1248	163.77	54.5908
38	14.137	559719		594.27	198.0888
39	14.367	54910		58.30	19.4330
40	14.581	52057		55.27	18.4234
41	14.780	226921		240.93	80.3092
42	14.893	239034		253.79	84.5961
43	14.966	402177		427.00	142.3335
44	15.211	42592		45.22	15.0737
45	15.387	10091		10.71	3.5714
46	15.496	15964		16.95	5.6499
47	15.717	123729		131.37	43.7887
48	15.919	1959279		2080.21	693.4038
49	16.100	209070		221.97	73.9914
50	16.306	365725		388.30	129.4329
51	16.578	19363		20.56	6.8527
52	16.660	29096		30.89	10.2974
53	16.749	6046		6.42	2.1397
54	16.901	87364		92.76	30.9189
55	16.954	69628		73.93	24.6419
56	17.082	376525		399.77	133.2551
57	17.485	36227		38.46	12.8210
58	17.556	28211		29.95	9.9842
59	17.686	110567		117.39	39.1305
60	17.886	85441		90.71	30.2381
61	18.128	46174		49.02	16.3414
62	18.234	404313		429.27	143.0895
63	18.481	26891		28.55	9.5171
64	18.654	30865		32.77	10.9232
65	18.888	388328		412.30	137.4323
66	19.052	72009		76.45	25.4845
67	19.170	62275		66.12	22.0398
68	19.351	10079		10.70	3.5670
69	19.419	20293		21.55	7.1819
70	19.496	13296		14.12	4.7056
71	19.689	103755		110.16	36.7197
72	20.034	37097		1.21	0.4028
73	20.141	21927		0.71	0.2381
74	20.320	6119		0.20	0.0664
75	20.548	23083		0.75	0.2506
76	20.629	15180		0.49	0.1648
77	20.781	18974		0.62	0.2060
78	20.995	76045		2.48	0.8256
79	21.197	15640		0.51	0.1698
80	21.348	4220		0.14	0.0458
81	21.460	24416		0.80	0.2651
82	21.751	4149		0.14	0.0450
83	21.909	581		0.02	0.0063
84	22.069	7847		0.26	0.0852
85	22.208	57197		1.86	0.6210
86	22.337	20815		0.68	0.2260
87	22.573	9199		0.30	0.0999
88	22.791	2716		0.09	0.0295
89	22.876	2345		0.08	0.0255
90	22.993	17430		0.57	0.1892
91	23.168	3944		0.13	0.0428

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.333	3273		0.11	0.0355
93	23.483	2948		0.10	0.0320
94	23.589	4783		0.16	0.0519
95	23.715	970		0.03	0.0105
96	23.985	638		0.02	0.0069
97	24.157	20134		0.66	0.2186
98	24.260	5128		0.17	0.0557
99	24.352	11258		0.37	0.1222
100	24.577	3887		0.13	0.0422
101	24.703	2081		0.07	0.0226
102	25.115	65462		2.13	0.7107
103	25.222	52419		1.71	0.5691
104	25.603	3675		0.12	0.0399
105	25.891	25307		0.82	0.2747
106	26.070	513739	Decachlorobiphenyl	16.73	5.5775
107	26.670	21040		0.69	0.2284
108	27.095	1302		0.04	0.0141
109	27.572	18546		0.60	0.2014
110	27.788	5385		0.18	0.0585
111	27.993	7463		0.24	0.0810
112	28.154	4717		0.15	0.0512
113	28.431	4215		0.14	0.0458
114	28.927	1416		0.05	0.0154
115	29.075	11966		0.39	0.1299
116	29.428	2395		0.08	0.0260
117	30.225	11183		0.36	0.1214
118	30.866	897		0.03	0.0097
		18907330		7912.78	2637.5937

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
37	13.996	363112	AR1248-4	385.52	128.5080
24	10.676	58260	AR1248-1	46.98	15.6586
28	11.825	139058	AR1248-2	174.74	58.2480
31	12.705	107599	AR1248-3	97.72	32.5718
		668029		704.96	234.9865

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

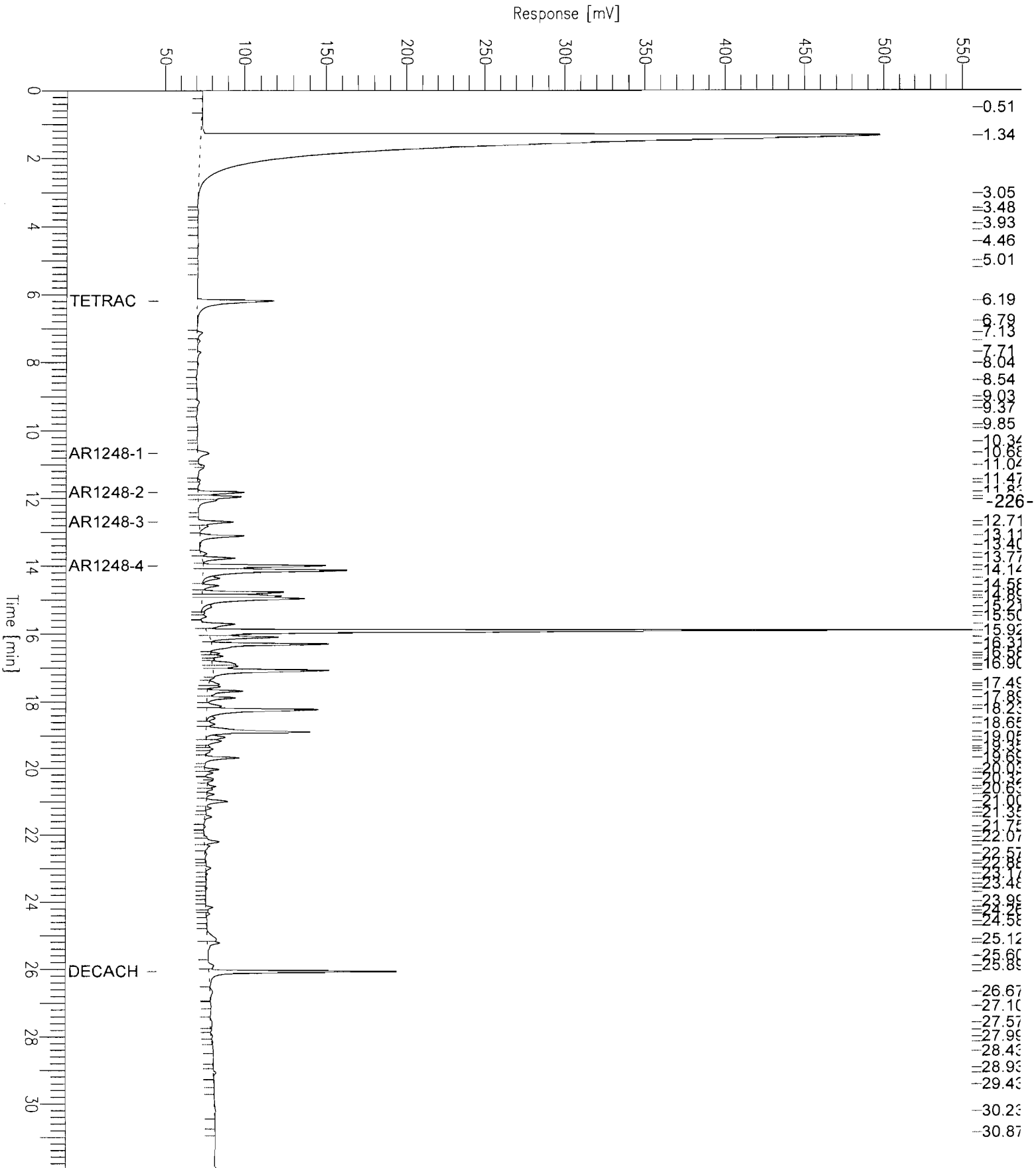
Report stored in ASCII file: C:\DATA65\IC05014.TX0

Chromatogram - ECD#1

Sample Name : u0511380-008a
 FileName : C:\DATA65\Ic05014.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 46 mV

Sample #: 14
 Date : 12/9/05 12:45 PM
 Time of Injection: 12/6/05 01:55 AM
 Low Point : 45.63 mV
 Plot Scale: 510.8 mV
 High Point : 556.42 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-110 6"

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-009A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 22.6

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:55AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		43	U
11104-28-2	Aroclor 1221		43	U
11141-16-5	Aroclor 1232		43	U
53469-21-9	Aroclor 1242		43	U
12672-29-6	Aroclor 1248		309	
11097-69-1	Aroclor 1254		43	U
11096-82-5	Aroclor 1260		43	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-110 0-6"
Lab Order: U0511380 **Collection Date:** 11/21/2005 3:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-009 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	22.6	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 9 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-009a
Sample Number: 14
Operator : manager

Time : 12/9/05 10:59 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/14

Interface Serial # : NONE Data Acquisition Time: 12/6/05 01:55 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05014.RAW
Result File : C:\DATA65\HC05014.RST
Inst Method : PCB2CH from C:\DATA65\HC05014.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-229-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 118

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.805	6099331		685.28	228.4259
2	2.396	350		0.04	0.0131
3	2.485	1796		0.20	0.0672
4	2.642	1873		0.21	0.0701
5	3.043	291		0.03	0.0109
6	3.199	984		0.11	0.0369
7	3.654	1163		0.13	0.0436
8	3.981	604		0.07	0.0226

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.403	1456		0.16	0.0545
10	4.581	1256		0.14	0.0470
11	4.654	1671		0.19	0.0626
12	5.233	255		0.03	0.0095
13	5.337	499		0.06	0.0187
14	5.577	4029		0.45	0.1509
15	6.173	697		0.08	0.0261
16	6.679	4729		0.53	0.1771
17	7.102	108396	Tetrachloro-m-xylene	12.18	4.0595
18	7.562	8809		0.99	0.3299
19	8.210	755		0.08	0.0283
20	8.373	409		0.05	0.0153
21	8.560	772		0.09	0.0289
22	8.778	12135		1.36	0.4545
23	9.329	763		0.09	0.0286
24	9.705	4071		0.46	0.1525
25	9.808	1279		0.14	0.0479
26	10.354	2079		5.24	1.7463
27	10.757	9265		23.34	7.7816
28	11.262	2379		6.00	1.9984
29	11.672	33803		85.17	28.3904
30	11.763	40490		102.02	34.0060
31	12.201	4199		10.58	3.5265
32	12.266	7760		19.55	6.5177
33	12.415	1947		4.91	1.6356
34	12.561	7409		18.67	6.2229
36	12.950	110539		278.51	92.8382
37	13.100	28940		72.92	24.3056
39	13.616	22204		55.56	18.5185
40	13.792	18126		45.35	15.1178
41	14.092	122349		306.13	102.0419
42	14.473	1813		3.66	1.2199
43	14.646	4594		9.27	3.0905
44	14.752	3871		7.81	2.6039
45	14.937	16486		33.27	11.0900
46	15.087	182375		368.05	122.6835
	15.191	809847	AR1248	491.22	163.7399
48	15.334	607270		1225.53	408.5091
50	15.989	345349		968.52	322.8398
51	16.170	214308		601.02	200.3399
52	16.444	29438		82.56	27.5189
53	16.657	66631		186.87	62.2884
54	16.817	550		1.54	0.5143
55	17.050	334206		937.27	312.4231
56	17.157	174536		489.48	163.1601
57	17.336	296361		831.13	277.0445
58	17.655	97993		274.82	91.6064
59	17.823	45797		128.43	42.8116
60	18.010	57075		160.06	53.3548
61	18.153	10970		30.77	10.2554
62	18.233	12016		33.70	11.2326
63	18.339	62669		175.75	58.5843
64	18.537	453323		1271.33	423.7757
65	18.702	14647		41.08	13.6924
66	18.879	74033		207.62	69.2077
67	19.093	126737		355.43	118.4761
68	19.267	1058		2.97	0.9891
69	19.348	2264		6.35	2.1165
70	19.470	434671		1219.02	406.3398
71	19.736	41090		115.24	38.4121
72	19.866	10039		28.15	9.3845
73	19.983	53557		150.20	50.0664
74	20.080	202480		567.85	189.2824
75	20.257	46456		130.28	43.4283
76	20.369	19676		55.18	18.3936
77	20.481	27526		77.20	25.7320
78	20.571	47520		133.27	44.4230
79	20.762	21405		60.03	20.0102
80	20.911	5464		15.32	5.1077
81	21.085	71288		199.93	66.6418
82	21.241	36381		102.03	34.0097
83	21.357	7848		22.01	7.3365
84	21.501	36758		103.09	34.3619
85	21.586	11918		33.42	11.1407
86	21.730	59337		166.41	55.4698
87	21.887	4392		0.26	0.0869
88	21.978	25164		1.49	0.4978
89	22.167	31326		1.86	0.6197
90	22.289	4786		0.28	0.0947
91	22.471	46441		2.76	0.9186

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.628	8878		0.53	0.1756
93	22.806	1404		0.08	0.0278
94	23.001	519		0.03	0.0103
95	23.173	4268		0.25	0.0844
96	23.332	2648		0.16	0.0524
97	23.475	19750		1.17	0.3907
98	23.547	13688		0.81	0.2708
99	23.815	14885		0.88	0.2944
100	24.001	3041		0.18	0.0602
101	24.362	2266		0.13	0.0448
102	24.564	2966		0.18	0.0587
103	24.692	651		0.04	0.0129
104	24.890	11130		0.66	0.2202
105	25.317	3321		0.20	0.0657
106	25.479	866		0.05	0.0171
107	25.681	14416		0.86	0.2852
108	25.812	5740		0.34	0.1136
109	25.919	1322		0.08	0.0262
110	26.305	4572		0.27	0.0904
111	26.770	13608		0.81	0.2692
112	27.375	84698		5.03	1.6754
113	27.715	224888	Decachlorobiphenyl	13.35	4.4485
114	28.144	6467		0.38	0.1279
115	29.359	6385		0.38	0.1263
116	29.828	3297		0.20	0.0652
117	30.981	4474		0.27	0.0885
118	31.378	19726		1.17	0.3902
		12441478		13876.35	4625.4484

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
49	15.815	198828	AR1248-4	557.61	185.8687
35	12.778	114257	AR1248-1	287.88	95.9616
38	13.458	62589	AR1248-2	156.60	52.2006
47	15.191	434173	AR1248-3	876.20	292.0672
		809847		1878.29	626.0980

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

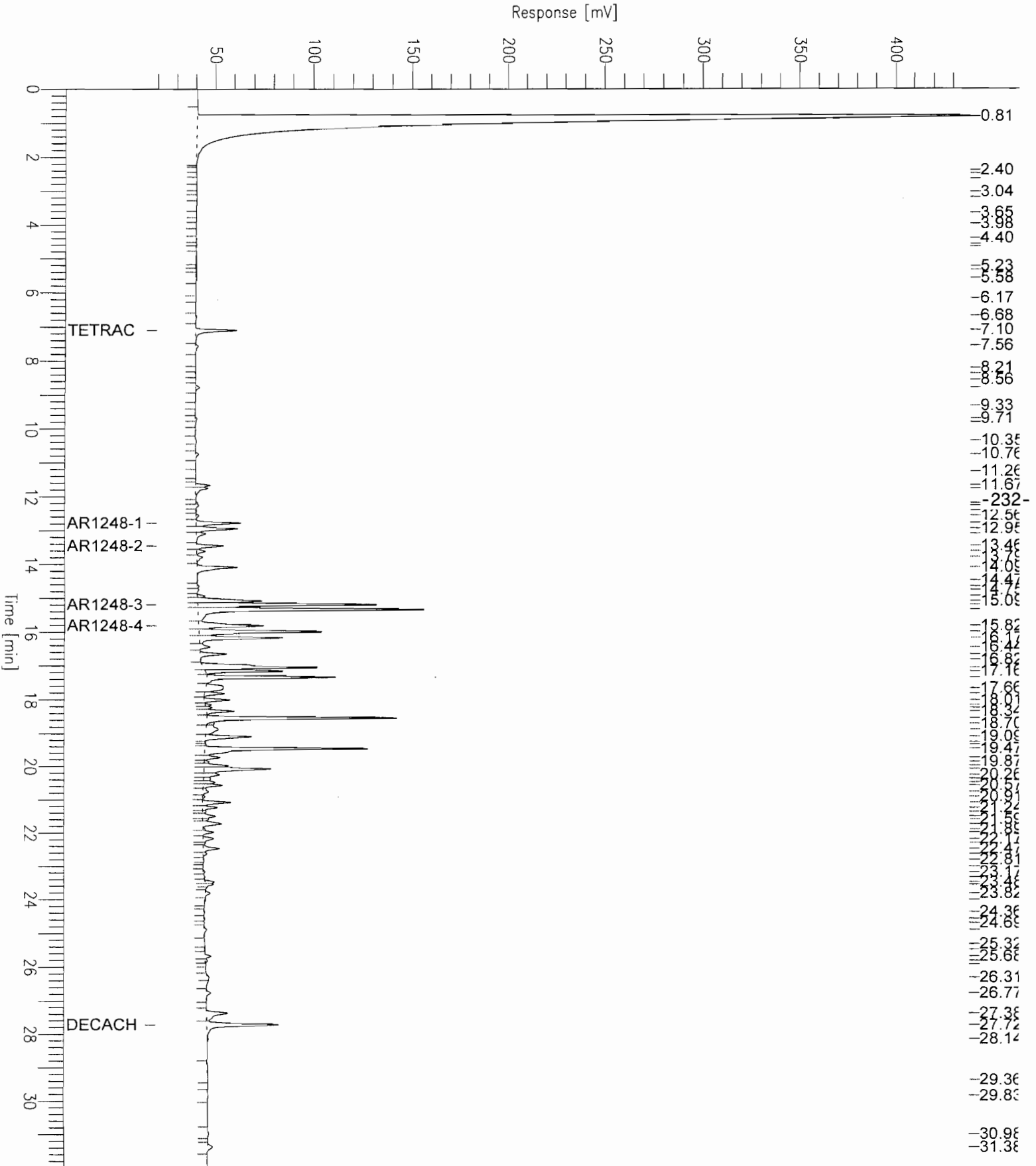
Report stored in ASCII file: C:\DATA65\HC05014.TX0

Chromatogram - ECD#1

Sample Name : u0511380-009a
 FileName : C:\DATA65\Hc05014.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 20 mV

Sample #: 14
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/6/05 01:55 AM
 Low Point : 19.51 mV
 High Point : 438.48 mV
 Plot Scale: 419.0 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-009a
Sample Number: 15
Operator : manager

Time : 12/9/05 12:45 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/14

Interface Serial # : NONE Data Acquisition Time: 12/6/05 02:32 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05015.RAW
Result File : C:\DATA65\IC05015.RST
Inst Method : PCB2CH from C:\DATA65\IC05015.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-233-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 128

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.493	2652		0.11	0.0364
2	1.345	12106686		498.86	166.2879
3	3.048	1817		0.07	0.0250
4	3.472	193		0.01	0.0027
5	3.567	2279		0.09	0.0313
6	3.929	2055		0.08	0.0282
7	4.103	1423		0.06	0.0195
8	4.352	2056		0.08	0.0282

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.472	4450		0.18	0.0611
10	5.010	4037		0.17	0.0555
11	5.196	7551		0.31	0.1037
12	6.190	291383	Tetrachloro-m-xylene	12.01	4.0022
13	6.789	5015		0.21	0.0689
14	7.131	9775		0.40	0.1343
15	7.367	7695		0.32	0.1057
16	7.706	14624		0.60	0.2009
17	8.037	13810		0.57	0.1897
18	8.234	4514		0.19	0.0620
19	8.548	1169		0.94	0.3141
20	8.804	812		0.65	0.2182
21	9.020	6637		5.35	1.7837
22	9.157	22710		18.31	6.1039
23	9.362	9268		7.47	2.4911
24	9.458	9355		7.54	2.5144
25	9.855	7762		6.26	2.0862
26	9.950	2147		1.73	0.5770
27	10.337	6747		5.44	1.8133
29	11.040	10222		8.24	2.7472
30	11.106	19033		15.35	5.1156
31	11.466	11190		14.06	4.6870
32	11.565	10361		13.02	4.3400
34	11.958	105367		132.41	44.1354
36	12.829	63383		57.56	19.1869
37	13.115	260106		236.21	78.7382
38	13.399	4487		4.76	1.5878
39	13.640	38146		40.50	13.5003
40	13.771	213334		226.50	75.5006
	13.996	1081113	AR1248	265.04	88.3476
42	14.138	1142053		1212.54	404.1812
43	14.367	82825		87.94	29.3124
44	14.584	78036		82.85	27.6175
45	14.782	341442		362.52	120.8391
46	14.892	385457		409.25	136.4161
47	14.966	606066		643.47	214.4914
48	15.216	39955		42.42	14.1402
49	15.486	8758		9.30	3.0995
50	15.721	207360		220.16	73.3863
51	15.921	725091		769.85	256.6154
52	16.103	343627		364.84	121.6122
53	16.307	599359		636.35	212.1178
54	16.574	1591		1.69	0.5629
55	16.665	46940		49.84	16.6124
56	16.750	7668		8.14	2.7137
57	16.902	287079		304.80	101.5994
58	17.082	824956		875.87	291.9583
59	17.487	123687		131.32	43.7737
60	17.689	166584		176.87	58.9552
61	17.780	56577		60.07	20.0231
62	17.884	40887		43.41	14.4703
63	18.129	93203		98.96	32.9852
64	18.234	801919		851.42	283.8054
65	18.484	24249		25.75	8.5820
66	18.653	30445		32.32	10.7748
67	18.869	433123		459.86	153.2854
68	19.055	163891		174.01	58.0024
69	19.169	113123		120.11	40.0351
70	19.357	13107		13.92	4.6387
71	19.422	41995		44.59	14.8624
72	19.498	34136		36.24	12.0809
73	19.682	127004		134.84	44.9476
74	19.888	4647		4.93	1.6446
75	20.035	68575		2.23	0.7445
76	20.143	39788		1.30	0.4320
77	20.318	92180		3.00	1.0008
78	20.476	7997		0.26	0.0868
79	20.549	42719		1.39	0.4638
80	20.632	32614		1.06	0.3541
81	20.782	49361		1.61	0.5359
82	20.990	151851		4.95	1.6486
83	21.197	41177		1.34	0.4471
84	21.364	6042		0.20	0.0656
85	21.444	21584		0.70	0.2343
86	21.585	5045		0.16	0.0548
87	21.745	5609		0.18	0.0609
88	21.907	1132		0.04	0.0123
89	22.070	20077		0.65	0.2180
90	22.210	91115		2.97	0.9892
91	22.339	40012		1.30	0.4344

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.488	6650		0.22	0.0722
93	22.575	19663		0.64	0.2135
94	22.795	3994		0.13	0.0434
95	22.876	6366		0.21	0.0691
96	23.007	12899		0.42	0.1400
97	23.171	5472		0.18	0.0594
98	23.338	5343		0.17	0.0580
99	23.489	1330		0.04	0.0144
100	23.587	9261		0.30	0.1005
101	23.718	1015		0.03	0.0110
102	23.845	433		0.01	0.0047
103	23.982	1416		0.05	0.0154
104	24.160	35679		1.16	0.3874
105	24.259	9027		0.29	0.0980
106	24.354	16872		0.55	0.1832
107	24.541	3717		0.12	0.0404
108	24.704	901		0.03	0.0098
109	25.116	55336		1.80	0.6008
110	25.225	43344		1.41	0.4706
111	25.347	7687		0.25	0.0835
112	25.877	97701		3.18	1.0607
113	26.072	523550	Decachlorobiphenyl	17.05	5.6841
114	26.690	73561		2.40	0.7986
115	27.296	54716		1.78	0.5940
116	27.543	25933		0.84	0.2815
117	27.661	13723		0.45	0.1490
118	27.789	10497		0.34	0.1140
119	27.992	13225		0.43	0.1436
120	28.190	12084		0.39	0.1312
121	28.434	24985		0.81	0.2713
122	28.561	28119		0.92	0.3053
123	28.904	10938		0.36	0.1188
124	29.078	58311		1.90	0.6331
125	29.370	6876		0.22	0.0747
126	30.233	644		0.02	0.0070
127	30.881	842		0.03	0.0091
128	31.159	493		0.02	0.0053

		24281683		10134.64	3378.2138

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
41	13.996	660801	AR1248-4	701.59	233.8625
28	10.677	129293	AR1248-1	104.25	34.7499
33	11.825	143930	AR1248-2	180.87	60.2887
35	12.707	147089	AR1248-3	133.58	44.5263

		1081113		1120.28	373.4274

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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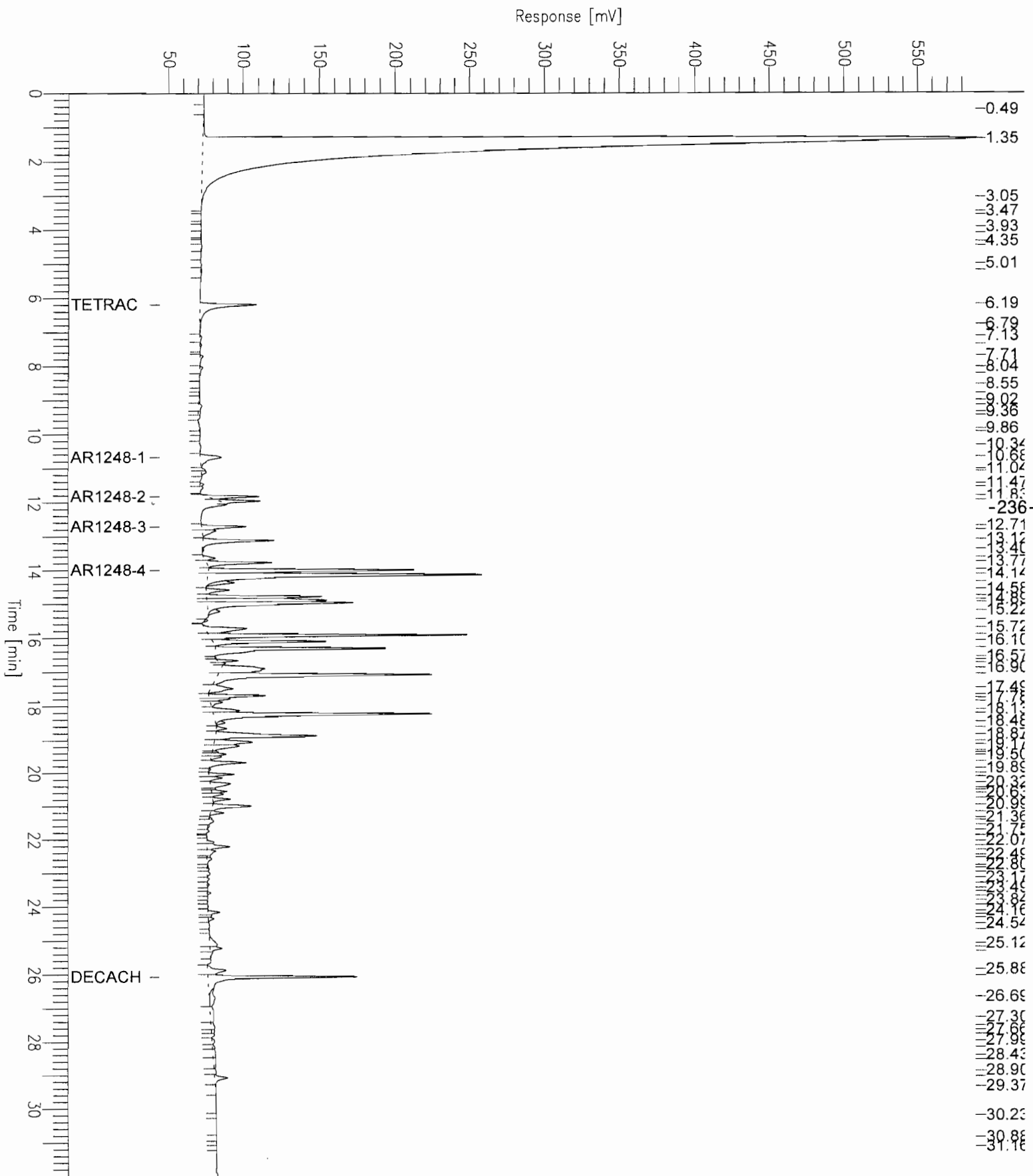
Report stored in ASCII file: C:\DATA65\IC05015.TX0

Chromatogram - ECD#1

Sample Name : u0511380-009a
FileName : C:\DATA65\Ic05015.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 44 mV

Sample #: 15
Date : 12/9/05 12:45 PM
Time of Injection: 12/6/05 02:32 AM
Low Point : 43.97 mV
High Point : 588.86 mV
Plot Scale: 544.9 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-110 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-010A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 15.4

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

2:32AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		39	U
11104-28-2	Aroclor 1221		39	U
11141-16-5	Aroclor 1232		39	U
53469-21-9	Aroclor 1242		39	U
12672-29-6	Aroclor 1248		178	
11097-69-1	Aroclor 1254		39	U
11096-82-5	Aroclor 1260		39	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8

Client Sample ID: SS-110 2'

Lab Order: U0511380

Collection Date: 11/22/2005 11:15:00 AM

Project: Luster-Coate Metallizing Site 828113

Lab ID: U0511380-010

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.4	0.00100		wt%	1	12/7/2005

Approved By: _____

Date: _____

Page 10 of 30

- Qualifiers:**
- * Low Level
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>

Sample Name : u0511380-010a

Time : 12/9/05 10:59 AM

Sample Number: 15

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/15

Interface Serial # : NONE Data Acquisition Time: 12/6/05 02:32 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05015.RAW

Result File : C:\DATA65\HC05015.RST

Inst Method : PCB2CH from C:\DATA65\HC05015.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 113

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	5290923		594.45	198.1502
2	2.393	535		0.06	0.0200
3	2.484	1559		0.18	0.0584
4	2.638	761		0.09	0.0285
5	3.037	160		0.02	0.0060
6	3.214	683		0.08	0.0256
7	3.651	729		0.08	0.0273
8	3.978	504		0.06	0.0189

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.400	2011		0.23	0.0753
10	4.577	1561		0.18	0.0584
11	4.885	711		0.08	0.0266
12	5.579	5142		0.58	0.1926
13	5.781	18991		2.13	0.7112
14	6.164	543		0.06	0.0204
15	6.681	5597		0.63	0.2096
16	7.101	120837	Tetrachloro-m-xylene	13.58	4.5255
17	7.561	11413		1.28	0.4274
18	8.207	1134		0.13	0.0425
19	8.374	236		0.03	0.0088
20	8.561	4491		0.50	0.1682
21	8.777	12584		1.41	0.4713
22	9.329	668		0.08	0.0250
23	9.704	1945		0.22	0.0728
24	10.356	1497		3.77	1.2571
25	10.738	15934		40.15	13.3822
26	11.261	738		1.86	0.6197
27	11.671	19221		48.43	16.1433
28	11.762	24404		61.49	20.4964
29	12.200	3088		7.78	2.5932
30	12.265	4792		12.07	4.0250
31	12.417	1515		3.82	1.2728
32	12.564	8033		20.24	6.7469
34	12.951	67740		170.68	56.8926
35	13.099	12438		31.34	10.4467
37	13.616	10546		26.39	8.7958
38	13.792	8843		22.13	7.3753
39	14.092	80280		200.87	66.9558
40	14.646	2740		5.53	1.8433
41	14.755	2274		4.59	1.5299
42	14.937	11723		23.66	7.8858
43	15.087	94956		191.63	63.8765
	15.192	497903	AR1248	302.01	100.6691
45	15.334	339321		684.78	228.2608
46	15.519	826108		2316.79	772.2634
48	15.989	219788		616.39	205.4626
49	16.170	128986		361.74	120.5792
50	16.442	21582		60.53	20.1755
51	16.657	35567		99.75	33.2487
52	17.048	187573		526.04	175.3473
53	17.156	114983		322.47	107.4885
54	17.336	173066		485.36	161.7857
55	17.642	52750		147.93	49.3116
56	17.824	27959		78.41	26.1369
57	18.011	32441		90.98	30.3262
58	18.154	7591		21.29	7.0959
59	18.232	5308		14.88	4.9616
60	18.338	43496		121.98	40.6613
61	18.537	287179		805.38	268.4614
62	18.702	9007		25.26	8.4201
63	18.882	50094		140.49	46.8293
64	19.094	82082		230.19	76.7317
65	19.265	406		1.14	0.3794
66	19.469	277145		777.24	259.0811
67	19.734	26069		73.11	24.3698
68	19.867	6335		17.77	5.9218
69	19.982	38726		108.61	36.2022
70	20.082	126118		353.69	117.8982
71	20.257	28622		80.27	26.7561
72	20.369	13658		38.30	12.7674
73	20.480	18447		51.73	17.2442
74	20.571	31394		88.04	29.3480
75	20.762	13369		37.49	12.4973
76	20.912	3613		10.13	3.3770
77	21.084	49816		139.71	46.5689
78	21.240	23757		66.62	22.2083
79	21.357	5336		14.96	4.9883
80	21.501	25360		71.12	23.7068
81	21.586	7956		22.31	7.4375
82	21.732	42671		119.67	39.8901
83	21.886	3186		0.19	0.0630
84	21.978	19446		1.15	0.3847
85	22.168	26655		1.58	0.5273
86	22.470	32541		1.93	0.6437
87	22.629	8654		0.51	0.1712
88	22.809	2776		0.16	0.0549
89	23.011	727		0.04	0.0144
90	23.173	3378		0.20	0.0668
91	23.333	2911		0.17	0.0576

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.477	16025		0.95	0.3170
93	23.547	15385		0.91	0.3043
94	23.817	10433		0.62	0.2064
95	24.003	2382		0.14	0.0471
96	24.339	1157		0.07	0.0229
97	24.562	2142		0.13	0.0424
98	24.690	482		0.03	0.0095
99	24.888	5409		0.32	0.1070
100	25.079	854		0.05	0.0169
101	25.341	1767		0.10	0.0350
102	25.680	9217		0.55	0.1823
103	25.814	2788		0.17	0.0551
104	25.926	1370		0.08	0.0271
105	26.321	110496		6.56	2.1857
106	26.771	12641		0.75	0.2500
107	27.376	69067		4.10	1.3662
108	27.716	243651	Decachlorobiphenyl	14.46	4.8196
109	28.147	1811		0.11	0.0358
110	29.367	7933		0.47	0.1569
111	29.769	2528		0.15	0.0500
112	30.992	4224		0.25	0.0836
113	31.380	11033		0.65	0.2183
		10369132		11054.67	3684.8913

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	15.814	123063	AR1248-4	345.12	115.0415
33	12.778	65757	AR1248-1	165.68	55.2271
36	13.459	32622	AR1248-2	81.62	27.2078
44	15.192	276462	AR1248-3	557.93	185.9753
		497903		1150.35	383.4517

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

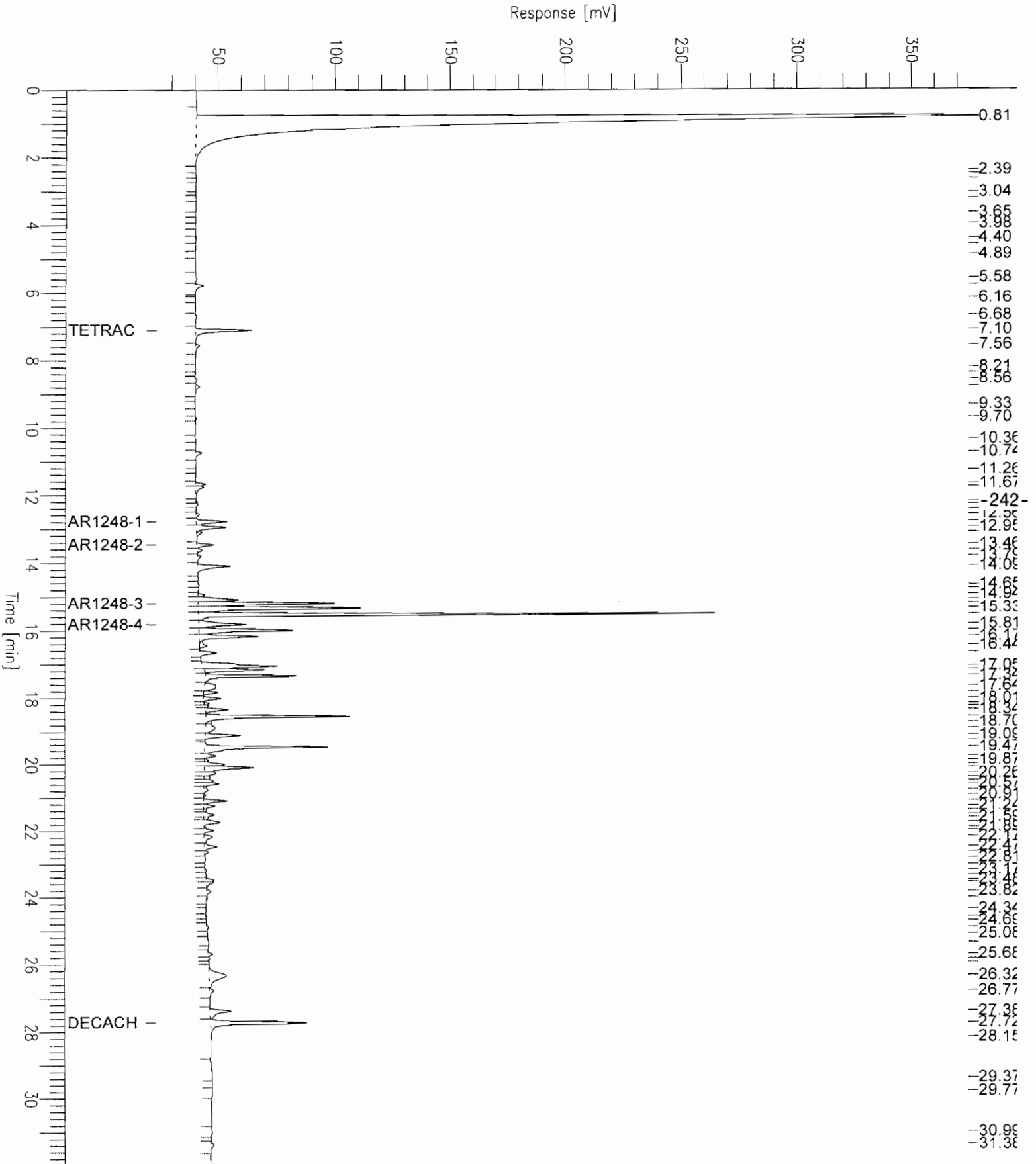
Report stored in ASCII file: C:\DATA65\HC05015.TX0

Chromatogram - ECD#1

Sample Name : u0511380-010a
 FileName : C:\DATA65\Hc05015.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 23 mV

Sample #: 15
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/6/05 02:32 AM
 Low Point : 23.32 mV
 Plot Scale: 351.6 mV
 High Point : 374.97 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-010a

Time : 12/9/05 12:45 PM

Sample Number: 16

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/15

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:08 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05016.RAW

Result File : C:\DATA65\IC05016.RST

Inst Method : PCB2CH from C:\DATA65\IC05016.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 122

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.341	10261839		422.85	140.9486
2	3.044	742		0.03	0.0102
3	3.471	486		0.02	0.0067
4	3.564	2491		0.10	0.0342
5	3.932	2684		0.11	0.0369
6	4.103	1841		0.08	0.0253
7	4.454	6626		0.27	0.0910
8	5.012	3470		0.14	0.0477

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.213	5248		0.22	0.0721
10	5.329	3700		0.15	0.0508
11	5.498	9278		0.38	0.1274
12	6.191	338757	Tetrachloro-m-xylene	13.96	4.6529
13	7.133	15225		0.63	0.2091
14	7.371	11381		0.47	0.1563
15	7.706	14442		0.60	0.1984
16	8.038	10056		0.41	0.1381
17	8.175	14710		0.61	0.2020
18	8.539	566		0.46	0.1522
19	9.032	543		0.44	0.1461
20	9.157	7197		5.80	1.9343
21	9.360	888		0.72	0.2387
22	9.862	6503		5.24	1.7478
23	9.950	914		0.74	0.2456
24	10.342	5282		4.26	1.4196
26	11.040	28847		23.26	7.7532
27	11.465	8363		10.51	3.5031
28	11.567	8358		10.50	3.5009
30	11.959	201718		253.48	84.4946
32	12.830	37650		34.19	11.3974
33	13.116	188916		171.56	57.1878
34	13.401	2415		2.56	0.8547
35	13.641	27109		28.78	9.5940
36	13.772	120727		128.18	42.7261
	13.998	738895	AR1248	181.15	60.3819
38	14.140	534039		567.00	189.0005
39	14.223	825506		876.46	292.1528
40	14.363	63462		67.38	22.4598
41	14.584	56000		59.46	19.8190
42	14.783	230294		244.51	81.5027
43	14.891	304688		323.49	107.8316
44	14.967	435265		462.13	154.0437
45	15.217	76249		80.96	26.9850
46	15.475	15152		16.09	5.3625
47	15.726	115103		122.21	40.7360
48	15.922	418691		444.53	148.1781
49	16.104	221388		235.05	78.3509
50	16.308	400828		425.57	141.8562
51	16.575	3956		4.20	1.4002
52	16.666	32806		34.83	11.6104
53	16.753	21310		22.63	7.5417
54	16.908	136258		144.67	48.2227
55	16.954	91543		97.19	32.3978
56	17.083	624462		663.01	221.0018
57	17.490	91031		96.65	32.2165
58	17.690	90054		95.61	31.8709
59	17.885	8413		8.93	2.9775
60	17.969	593		0.63	0.2098
61	18.130	61440		65.23	21.7440
62	18.235	609645		647.27	215.7582
63	18.484	46993		49.89	16.6313
64	18.653	55638		59.07	19.6907
65	18.868	340131		361.13	120.3751
66	19.051	141027		149.73	49.9106
67	19.169	100769		106.99	35.6630
68	19.422	49060		52.09	17.3626
69	19.501	36964		39.25	13.0819
70	19.682	100707		106.92	35.6409
71	19.889	3516		3.73	1.2444
72	20.036	49698		1.62	0.5396
73	20.144	27824		0.91	0.3021
74	20.319	69370		2.26	0.7531
75	20.475	5276		0.17	0.0573
76	20.549	28683		0.93	0.3114
77	20.633	21050		0.69	0.2285
78	20.783	36275		1.18	0.3938
79	20.988	112673		3.67	1.2233
80	21.196	34975		1.14	0.3797
81	21.366	4804		0.16	0.0522
82	21.455	16805		0.55	0.1825
83	21.747	4352		0.14	0.0472
84	21.905	1720		0.06	0.0187
85	22.070	19296		0.63	0.2095
86	22.209	67393		2.20	0.7317
87	22.341	29858		0.97	0.3242
88	22.484	8995		0.29	0.0977
89	22.573	17087		0.56	0.1855
90	22.791	4832		0.16	0.0525
91	22.878	5149		0.17	0.0559

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.009	8953		0.29	0.0972
93	23.172	4030		0.13	0.0438
94	23.339	6878		0.22	0.0747
95	23.488	2972		0.10	0.0323
96	23.587	13433		0.44	0.1458
97	23.712	3848		0.13	0.0418
98	23.848	6449		0.21	0.0700
99	23.988	11579		0.38	0.1257
100	24.160	38295		1.25	0.4158
101	24.260	15749		0.51	0.1710
102	24.354	28729		0.94	0.3119
103	24.557	32120		1.05	0.3487
104	24.707	17675		0.58	0.1919
105	25.120	120685		3.93	1.3103
106	25.225	118535		3.86	1.2869
107	25.592	45740		1.49	0.4966
108	25.880	119338		3.89	1.2956
109	26.072	617779	Decachlorobiphenyl	20.12	6.7071
110	26.687	72310		2.36	0.7851
111	27.305	20229		0.66	0.2196
112	27.546	2137		0.07	0.0232
113	27.803	1016		0.03	0.0110
114	27.993	3924		0.13	0.0426
115	28.414	11512		0.37	0.1250
116	28.535	2747		0.09	0.0298
117	28.908	2294		0.07	0.0249
118	29.078	32265		1.05	0.3503
119	29.375	3385		0.11	0.0367
120	30.225	985		0.03	0.0107
121	30.843	1241		0.04	0.0135
122	31.150	424		0.01	0.0046
		20364225		8100.32	2700.1066

Group Report For : AR1248

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
37	13.998	458263	AR1248-4	486.55	162.1827
25	10.679	72480	AR1248-1	58.44	19.4804
29	11.827	116720	AR1248-2	146.67	48.8912
31	12.707	91432	AR1248-3	83.03	27.6780
		738895		774.70	258.2322

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

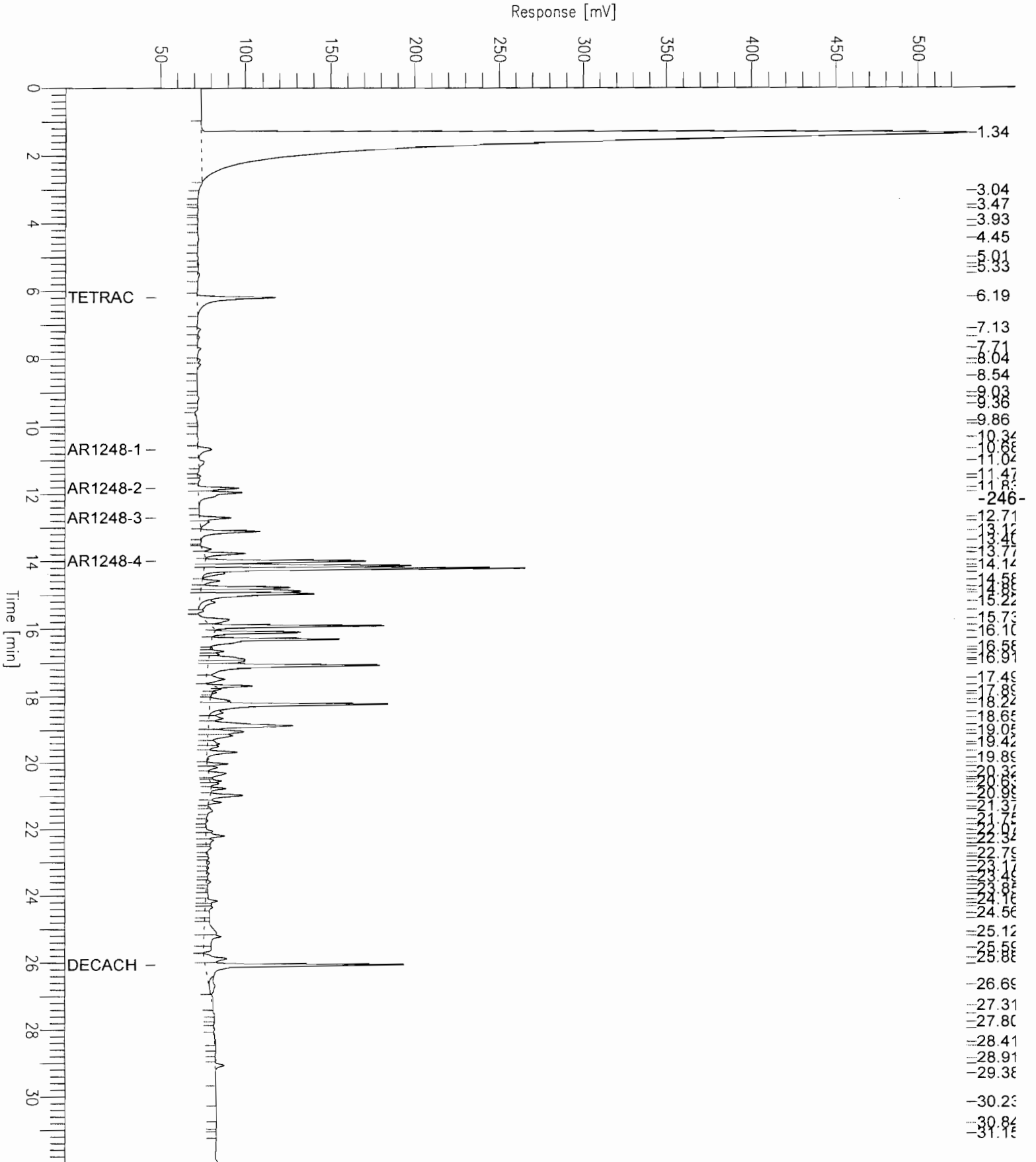
Report stored in ASCII file: C:\DATA65\IC05016.TX0

Chromatogram - ECD#1

Sample Name : u0511380-010a
 FileName : C:\DATA65\Ic05016.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 48 mV

Sample #: 16
 Date : 12/9/05 12:45 PM
 Time of Injection: 12/6/05 03:08 AM
 Low Point : 47.64 mV
 Plot Scale: 481.3 mV
 High Point : 528.90 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-111

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170	Case No.:	SAS No.:	SDG No.: DEC21
Matrix: SOIL		Lab Sample ID:	U0511380-011A
Sample wt.: 30	(G)	Lab File ID:	12856
% Moisture: 22.5	Decanted: <u>NO</u>	Date Received:	11/23/05
Extraction: SONC		Date Extracted:	11/29/05
Conc Extract Vol.: 10 (ML)		Date Analyzed:	12/6/05
Injection Vol.: 2 (uL)		Time Analyzed:	3:08AM
GPC Cleanup: No	pH:	Dilution Factor:	1
Instr. ID: <u>ULI 65.0</u>		Sulfur Cleanup:	Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	43	U
11104-28-2	Aroclor 1221	43	U
11141-16-5	Aroclor 1232	43	U
53469-21-9	Aroclor 1242	43	U
12672-29-6	Aroclor 1248	58	
11097-69-1	Aroclor 1254	43	U
11096-82-5	Aroclor 1260	43	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-111
Lab Order: U0511380 **Collection Date:** 11/21/2005 4:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-011 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	22.5	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 11 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-011a

Time : 12/9/05 10:59 AM

Sample Number: 16

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/16

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:08 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05016.RAW

Result File : C:\DATA65\HC05016.RST

Inst Method : PCB2CH from C:\DATA65\HC05016.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 118

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.805	4038613		453.75	151.2500
2	2.400	966		0.11	0.0362
3	2.497	954		0.11	0.0357
4	2.642	2678		0.30	0.1003
5	3.033	322		0.04	0.0121
6	3.174	1958		0.22	0.0733
7	3.653	1249		0.14	0.0468
8	3.979	273		0.03	0.0102

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.406	2880		0.32	0.1078
10	4.665	2472		0.28	0.0926
11	5.224	258		0.03	0.0097
12	5.455	932		0.10	0.0349
13	5.578	2184		0.25	0.0818
14	6.173	625		0.07	0.0234
15	6.684	3854		0.43	0.1443
16	7.102	92537	Tetrachloro-m-xylene	10.40	3.4656
17	7.564	11469		1.29	0.4295
18	7.863	349		0.04	0.0131
19	8.220	323		0.04	0.0121
20	8.378	309		0.03	0.0116
21	8.563	741		0.08	0.0277
22	8.764	20213		2.27	0.7570
23	9.330	603		0.07	0.0226
24	9.694	6683		0.75	0.2503
25	10.037	297		0.75	0.2495
26	10.353	1888		4.76	1.5857
27	10.759	7959		20.05	6.6845
28	11.007	428		1.08	0.3597
29	11.264	335		0.84	0.2816
30	11.674	7941		20.01	6.6696
31	11.763	12625		31.81	10.6037
32	12.202	4224		10.64	3.5475
33	12.413	1753		4.42	1.4722
34	12.564	8485		21.38	7.1264
36	12.950	27896		70.29	23.4288
37	13.100	10966		27.63	9.2100
39	13.616	5880		14.71	4.9043
40	13.792	4899		12.26	4.0856
41	14.091	22890		57.27	19.0905
42	14.466	2126		4.29	1.4304
43	14.657	3217		6.49	2.1638
44	14.758	2935		5.92	1.9745
45	15.074	34690		70.01	23.3358
	15.191	169098	AR1248	102.57	34.1894
47	15.332	70894		143.07	47.6904
48	15.539	18226		51.11	17.0381
50	15.982	70556		197.87	65.9573
51	16.170	56253		157.76	52.5864
52	16.430	14284		40.06	13.3530
53	16.658	26327		73.83	24.6108
54	17.048	95668		268.30	89.4329
55	17.155	41637		116.77	38.9229
56	17.336	82958		232.65	77.5512
57	17.468	6224		17.45	5.8180
58	17.588	17465		48.98	16.3263
59	17.699	26012		72.95	24.3163
60	17.816	12981		36.40	12.1348
61	18.011	24859		69.72	23.2390
62	18.153	5116		14.35	4.7822
63	18.234	6258		17.55	5.8498
64	18.338	36442		102.20	34.0663
65	18.538	104682		293.58	97.8591
66	18.699	9754		27.35	9.1182
67	18.846	18938		53.11	17.7037
68	18.981	15044		42.19	14.0635
69	19.091	43338		121.54	40.5133
70	19.469	79455		222.83	74.2761
71	19.577	12101		33.94	11.3121
72	19.734	7507		21.05	7.0175
73	19.870	1922		5.39	1.7966
74	19.980	6796		19.06	6.3526
75	20.079	63591		178.34	59.4464
76	20.259	8601		24.12	8.0401
77	20.479	15200		42.63	14.2094
78	20.570	9827		27.56	9.1862
79	20.684	776		2.18	0.7257
80	20.766	1540		4.32	1.4399
81	20.909	827		2.32	0.7733
82	21.087	20616		57.82	19.2724
83	21.243	12868		36.09	12.0296
84	21.501	6967		19.54	6.5126
85	21.587	3195		8.96	2.9871
86	21.731	13095		36.73	12.2417
87	21.884	587		0.03	0.0116
88	21.983	4573		0.27	0.0905
89	22.170	11769		0.70	0.2328
90	22.470	27112		1.61	0.5363
91	22.626	6564		0.39	0.1298

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.889	1879		0.11	0.0372
93	23.176	1874		0.11	0.0371
94	23.344	3829		0.23	0.0757
95	23.480	9755		0.58	0.1930
96	23.550	16335		0.97	0.3231
97	23.814	14730		0.87	0.2914
98	24.347	1975		0.12	0.0391
99	24.562	4273		0.25	0.0845
100	24.678	764		0.05	0.0151
101	24.894	9336		0.55	0.1847
102	25.397	13245		0.79	0.2620
103	25.590	2841		0.17	0.0562
104	25.682	6317		0.37	0.1250
105	25.814	12954		0.77	0.2562
106	26.311	109658		6.51	2.1691
107	26.773	20098		1.19	0.3976
108	27.375	110090		6.53	2.1777
109	27.715	204872	Decachlorobiphenyl	12.16	4.0526
110	28.144	4028		0.24	0.0797
111	28.948	1825		0.11	0.0361
112	29.232	785		0.05	0.0155
113	29.361	1094		0.06	0.0216
114	29.834	6344		0.38	0.1255
115	30.128	1042		0.06	0.0206
116	30.616	947		0.06	0.0187
117	30.987	4073		0.24	0.0806
118	31.384	9353		0.56	0.1850
		6217696		3937.07	1312.3560

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
49	15.813	49852	AR1248-4	139.81	46.6025
35	12.779	38893	AR1248-1	98.00	32.6652
38	13.459	17056	AR1248-2	42.68	14.2252
46	15.191	63298	AR1248-3	127.74	42.5801
		169098		408.22	136.0730

-251-

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

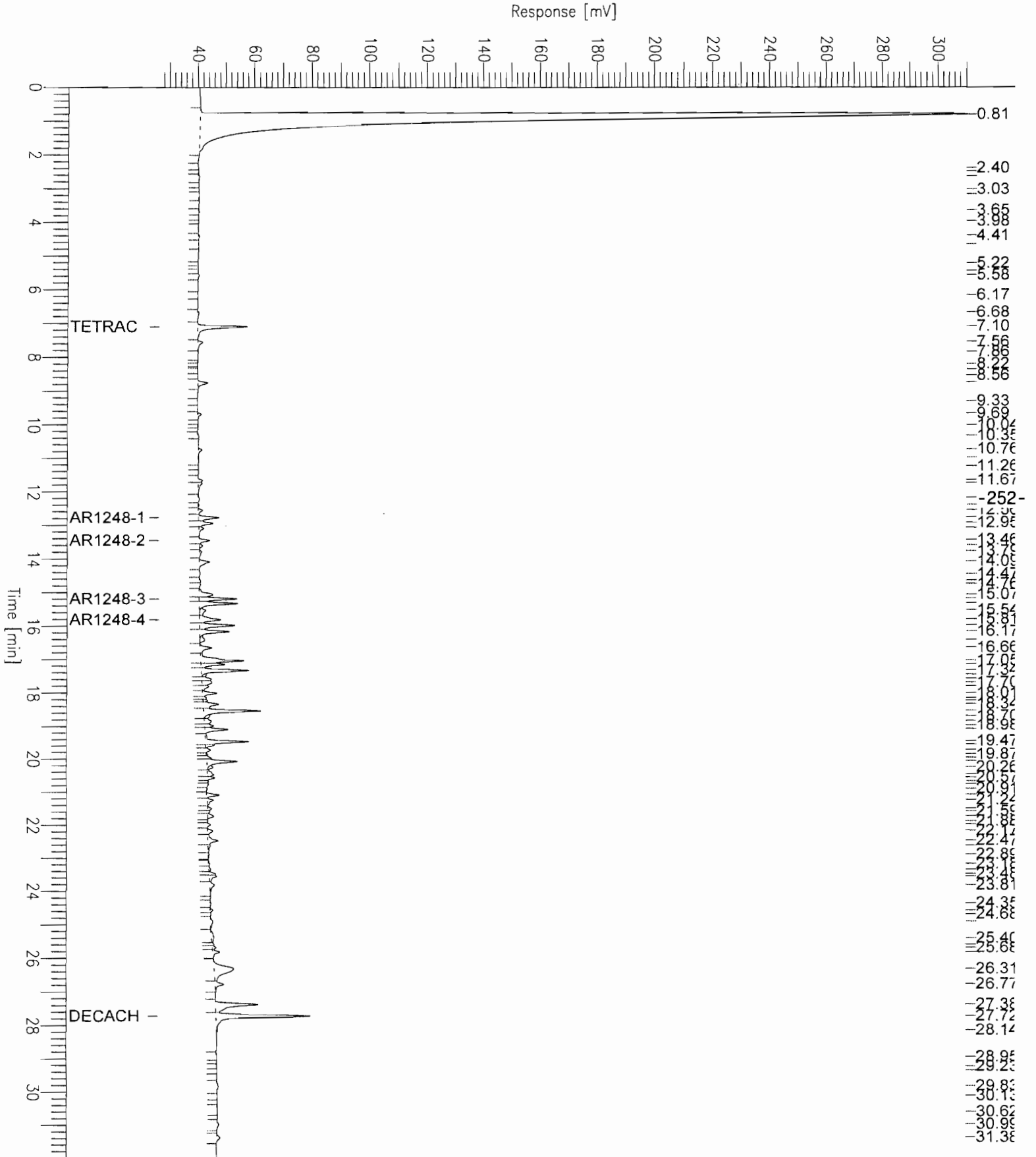
Report stored in ASCII file: C:\DATA65\HC05016.TX0

Chromatogram - ECD#1

Sample Name : u0511380-011a
 FileName : C:\DATA65\Hc05016.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 26 mV

Sample #: 16
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/6/05 03:08 AM
 Low Point : 26.35 mV
 Plot Scale: 283.7 mV
 High Point : 310.03 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-011a

Time : 12/9/05 12:45 PM

Sample Number: 17

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/16

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:44 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05017.RAW

Result File : C:\DATA65\IC05017.RST

Inst Method : PCB2CH from C:\DATA65\IC05017.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-253-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 127

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.500	1017		0.04	0.0140
2	1.335	7986853		329.10	109.7011
3	2.838	4210		0.17	0.0578
4	3.050	1947		0.08	0.0267
5	3.562	3933		0.16	0.0540
6	3.925	2341		0.10	0.0322
7	4.107	2064		0.09	0.0283
8	4.350	4531		0.19	0.0622

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.463	4951		0.20	0.0680
10	5.008	4400		0.18	0.0604
11	5.205	5572		0.23	0.0765
12	6.188	283628	Tetrachloro-m-xylene	11.69	3.8957
13	7.132	15448		0.64	0.2122
14	7.359	9201		0.38	0.1264
15	7.705	16237		0.67	0.2230
16	8.038	43979		1.81	0.6041
17	8.914	5027		4.05	1.3510
18	9.013	5064		4.08	1.3611
19	9.158	23869		19.25	6.4154
20	9.382	25886		20.87	6.9572
21	9.843	25855		20.85	6.9490
22	10.028	51975		41.91	13.9693
23	10.447	41363		33.35	11.1171
25	11.038	81423		65.65	21.8841
26	11.460	6583		8.27	2.7576
27	11.587	5883		7.39	2.4641
29	11.957	48824		61.35	20.4513
30	12.063	34175		42.95	14.3152
32	12.826	16495		14.98	4.9933
33	13.113	46025		41.80	13.9327
34	13.415	3120		3.31	1.1043
35	13.602	20250		21.50	7.1666
36	13.768	30423		32.30	10.7670
	13.997	324177	AR1248	79.47	26.4914
38	14.136	206240		218.97	72.9899
39	14.368	49754		52.82	17.6083
40	14.587	42640		45.27	15.0906
41	14.781	128255		136.17	45.3903
42	14.898	84916		90.16	30.0524
43	14.969	241821		256.75	85.5824
44	15.217	46882		49.78	16.5918
45	15.360	24231		25.73	8.5754
46	15.462	15988		16.98	5.6584
47	15.719	116673		123.87	41.2914
48	15.920	273467		290.35	96.7822
49	16.103	150920		160.23	53.4116
50	16.307	274615		291.56	97.1883
51	16.579	28350		30.10	10.0334
52	16.662	52853		56.11	18.7050
53	16.753	26325		27.95	9.3164
54	16.896	108371		115.06	38.3533
55	16.954	64532		68.52	22.8385
56	17.082	272407		289.22	96.4069
57	17.294	28879		30.66	10.2207
58	17.478	72079		76.53	25.5093
59	17.559	25056		26.60	8.8674
60	17.687	98686		104.78	34.9256
61	17.778	29020		30.81	10.2705
62	17.885	69187		73.46	24.4859
63	18.129	77737		82.54	27.5117
64	18.234	263011		279.24	93.0815
65	18.482	56890		60.40	20.1337
66	18.652	57865		61.44	20.4790
67	18.875	231532		245.82	81.9409
68	19.061	74116		78.69	26.2303
69	19.171	67125		71.27	23.7562
70	19.351	18048		19.16	6.3873
71	19.421	42380		45.00	14.9987
72	19.684	70230		74.56	24.8550
73	19.894	2370		2.52	0.8387
74	20.032	21324		22.64	7.5467
75	20.143	20462		0.67	0.2221
76	20.316	13961		0.45	0.1516
77	20.367	10568		0.34	0.1147
78	20.486	11085		0.36	0.1204
79	20.544	18554		0.60	0.2014
80	20.627	12231		0.40	0.1328
81	20.780	15063		0.49	0.1635
82	20.999	34215		1.11	0.3715
83	21.118	1487		0.05	0.0161
84	21.359	14339		0.47	0.1557
85	21.474	37311		1.22	0.4051
86	21.742	7561		0.25	0.0821
87	21.905	5800		0.19	0.0630
88	22.066	12353		0.40	0.1341
89	22.205	52848		1.72	0.5738
90	22.337	23819		0.78	0.2586
91	22.584	3943		0.13	0.0428

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.778	2543		0.08	0.0276
93	22.876	688		0.02	0.0075
94	23.012	11466		0.37	0.1245
95	23.169	14951		0.49	0.1623
96	23.337	7419		0.24	0.0805
97	23.493	6499		0.21	0.0706
98	23.713	9889		0.32	0.1074
99	23.982	938		0.03	0.0102
100	24.159	16722		0.54	0.1816
101	24.273	9612		0.31	0.1044
102	24.356	34544		1.13	0.3750
103	24.592	3817		0.12	0.0414
104	24.710	1000		0.03	0.0109
105	25.117	60150		1.96	0.6530
106	25.226	61918		2.02	0.6722
107	25.729	1549		0.05	0.0168
108	25.870	109127		3.55	1.1848
109	26.072	479276	Decachlorobiphenyl	15.61	5.2034
110	26.687	25546		0.83	0.2774
111	26.819	13173		0.43	0.1430
112	27.113	3725		0.12	0.0404
113	27.299	1627		0.05	0.0177
114	27.647	17483		0.57	0.1898
115	27.787	5692		0.19	0.0618
116	27.989	9406		0.31	0.1021
117	28.189	7684		0.25	0.0834
118	28.530	17032		0.55	0.1849
119	28.901	3340		0.11	0.0363
120	29.075	32334		1.05	0.3510
121	29.413	3053		0.10	0.0331
122	29.730	216		0.01	0.0023
123	30.203	1128		0.04	0.0122
124	30.515	2717		0.09	0.0295
125	30.854	2572		0.08	0.0279
126	31.153	2099		0.07	0.0228
127	31.641	3666		0.12	0.0398
		13981710		4642.49	1547.4953

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
37	13.997	139968	AR1248-4	148.61	49.5359
24	10.680	66281	AR1248-1	53.44	17.8143
28	11.825	65155	AR1248-2	81.88	27.2918
31	12.706	52772	AR1248-3	47.92	15.9750
		324177		331.85	110.6170

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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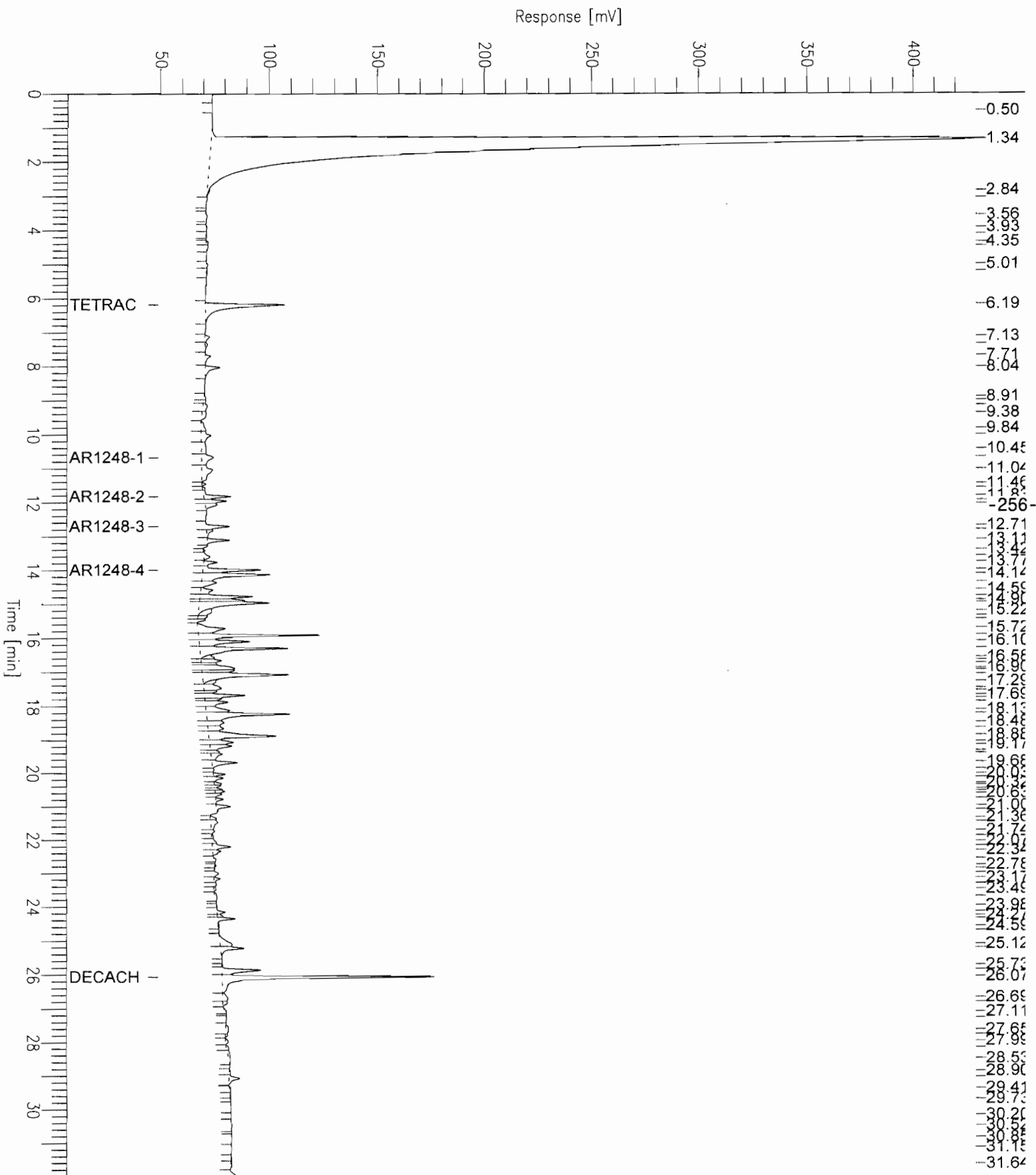
Report stored in ASCII file: C:\DATA65\IC05017.TX0

Chromatogram - ECD#1

Sample Name : u0511380-011a
 FileName : C:\DATA65\Ic05017.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 49 mV

Sample #: 17
 Date : 12/9/05 12:45 PM
 Time of Injection: 12/6/05 03:44 AM
 Low Point : 49.13 mV
 High Point : 429.68 mV
 Plot Scale: 380.5 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-112

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-012A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 16.7

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

3:44AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		40	U
11104-28-2	Aroclor 1221		40	U
11141-16-5	Aroclor 1232		40	U
53469-21-9	Aroclor 1242		40	U
12672-29-6	Aroclor 1248		37	
11097-69-1	Aroclor 1254		40	U
11096-82-5	Aroclor 1260		40	U

-257-

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-112
Lab Order: U0511380 **Collection Date:** 11/21/2005 4:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-012 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	16.7	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 12 of 30

- | | | |
|--------------------|--|---|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-012a

Time : 12/9/05 10:59 AM

Sample Number: 17

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/17

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:44 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05017.RAW

Result File : C:\DATA65\HC05017.RST

Inst Method : PCB2CH from C:\DATA65\HC05017.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-259-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 107

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.814	3814926		428.62	142.8727
2	2.393	1147		0.13	0.0430
3	2.565	2066		0.23	0.0774
4	2.634	4722		0.53	0.1768
5	3.038	141		0.02	0.0053
6	3.178	1469		0.17	0.0550
7	3.650	1344		0.15	0.0503
8	4.401	1028		0.12	0.0385

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.580	2998		0.34	0.1123
10	4.851	342		0.04	0.0128
11	5.447	748		0.08	0.0280
12	5.578	2275		0.26	0.0852
13	5.772	452		0.05	0.0169
14	6.161	416		0.05	0.0156
15	6.679	1337		0.15	0.0501
16	7.101	124047	Tetrachloro-m-xylene	13.94	4.6457
17	7.562	5216		0.59	0.1953
18	7.868	484		0.05	0.0181
19	8.210	860		0.10	0.0322
20	8.562	892		0.10	0.0334
21	8.782	9129		1.03	0.3419
22	9.698	3644		0.41	0.1365
23	10.025	679		1.71	0.5703
24	10.352	1113		2.80	0.9349
25	10.759	5801		14.62	4.8725
26	11.261	236		0.59	0.1980
27	11.673	7087		17.86	5.9521
28	11.763	8999		22.67	7.5578
29	12.265	3115		7.85	2.6165
30	12.419	531		1.34	0.4461
31	12.564	5046		12.71	4.2378
33	12.949	18694		47.10	15.7002
34	13.100	6043		15.23	5.0752
36	13.617	4565		11.42	3.8073
37	13.793	4122		10.31	3.4377
38	14.092	18436		46.13	15.3759
39	14.652	1179		2.38	0.7929
40	14.757	1289		2.60	0.8670
41	14.941	1441		2.91	0.9692
42	15.080	28992		58.51	19.5029
	15.192	121785	AR1248	73.87	24.6233
44	15.334	45745		92.32	30.7723
45	15.523	47384		132.89	44.2954
47	15.983	48917		137.18	45.7282
48	16.171	36495		102.35	34.1167
49	16.444	9959		27.93	9.3095
50	16.659	19036		53.38	17.7950
51	17.049	73509		206.15	68.7174
52	17.156	25488		71.48	23.8264
53	17.337	49644		139.22	46.4080
54	17.672	18827		52.80	17.6000
55	17.822	6310		17.70	5.8984
56	18.012	13333		37.39	12.4635
57	18.154	2278		6.39	2.1292
58	18.234	3459		9.70	3.2333
59	18.340	20973		58.82	19.6060
60	18.538	76144		213.54	71.1809
61	18.846	12970		36.37	12.1242
62	18.980	9328		26.16	8.7196
63	19.092	30712		86.13	28.7100
64	19.470	60693		170.21	56.7367
65	19.734	4379		12.28	4.0935
66	19.980	6572		18.43	6.1441
67	20.081	47978		134.55	44.8508
68	20.254	5478		15.36	5.1213
69	20.481	10282		28.84	9.6120
70	20.571	7097		19.90	6.6349
71	20.686	644		1.81	0.6018
72	21.090	15982		44.82	14.9401
73	21.244	8218		23.05	7.6827
74	21.352	2634		7.39	2.4619
75	21.502	5189		14.55	4.8507
76	21.593	3164		8.87	2.9575
77	21.732	8409		23.58	7.8613
78	21.882	339		0.02	0.0067
79	21.986	2516		0.15	0.0498
80	22.193	12700		0.75	0.2512
81	22.469	12438		0.74	0.2460
82	22.792	316		0.02	0.0062
83	22.902	1045		0.06	0.0207
84	23.177	1095		0.06	0.0217
85	23.348	1300		0.08	0.0257
86	23.480	7033		0.42	0.1391
87	23.552	9687		0.57	0.1916
88	23.819	7922		0.47	0.1567
89	24.373	3590		0.21	0.0710
90	24.561	1508		0.09	0.0298
91	24.888	4344		0.26	0.0859

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.048	1896		0.11	0.0375
93	25.361	5601		0.33	0.1108
94	25.681	4031		0.24	0.0797
95	25.815	18286		1.09	0.3617
96	26.311	114343		6.79	2.2618
97	26.766	18830		1.12	0.3725
98	27.378	49944		2.96	0.9879
99	27.715	248620	Decachlorobiphenyl	14.75	4.9179
100	28.409	3036		0.18	0.0600
101	29.354	8822		0.52	0.1745
102	29.574	4730		0.28	0.0936
103	29.763	5627		0.33	0.1113
104	30.610	1903		0.11	0.0376
105	30.955	1379		0.08	0.0273
106	31.180	511		0.03	0.0101
107	31.383	5724		0.34	0.1132
		5515177		2864.47	954.8240

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
46	15.813	31463	AR1248-4	88.24	29.4118
32	12.779	27029	AR1248-1	68.10	22.7008
35	13.459	14424	AR1248-2	36.09	12.0304
43	15.192	48869	AR1248-3	98.62	32.8743
		121785		291.05	97.0174

=====-261-====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

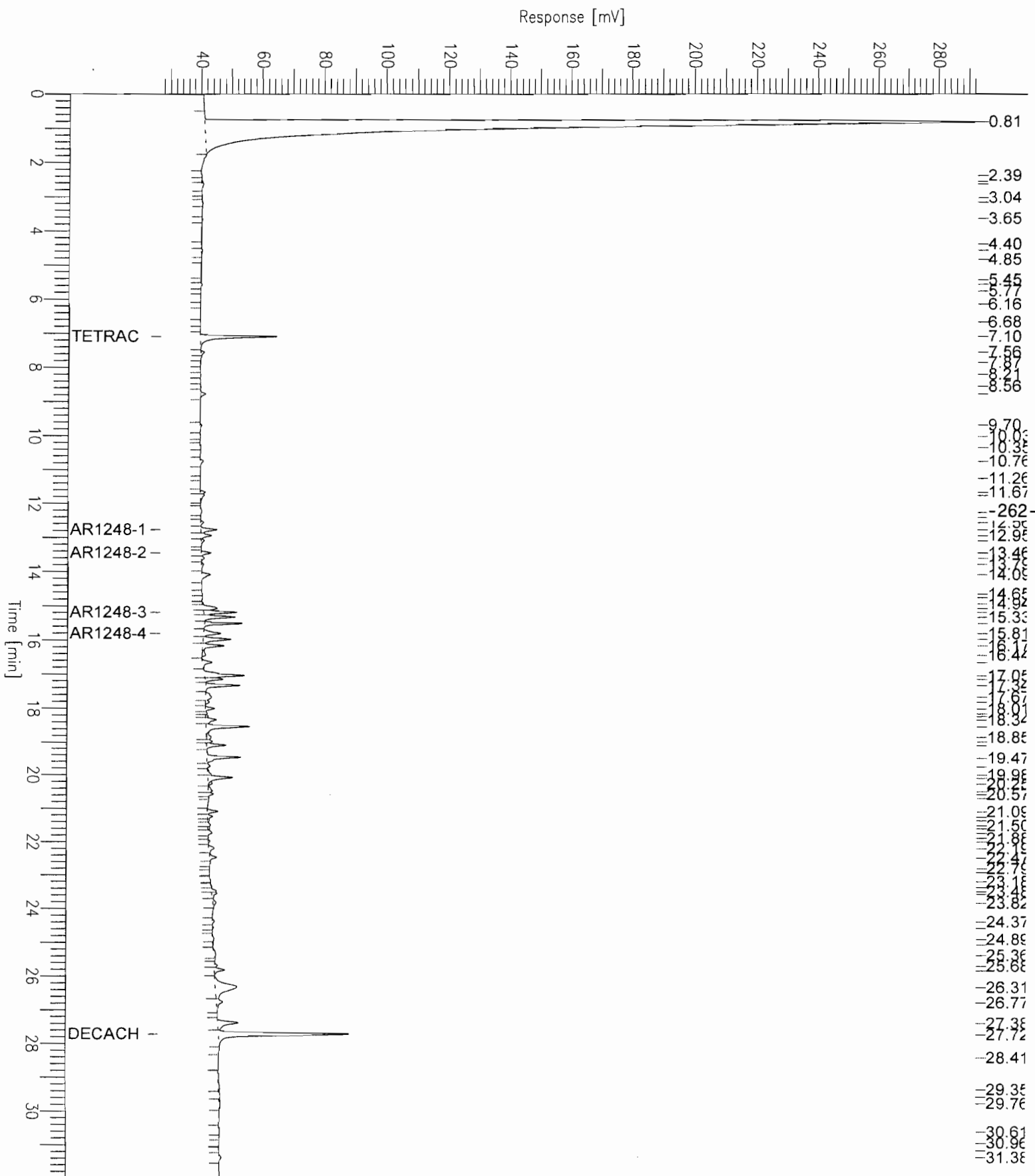
Report stored in ASCII file: C:\DATA65\HC05017.TX0

Chromatogram - ECD#1

Sample Name : u0511380-012a
 FileName : C:\DATA65\Hc05017.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 27 mV

Sample #: 17
 Date : 12/9/05 10:59 AM
 Time of Injection: 12/6/05 03:44 AM
 Low Point : 27.12 mV
 Plot Scale: 265.6 mV
 High Point : 292.74 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-012a

Time : 12/9/05 12:45 PM

Sample Number: 18

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/17

Interface Serial # : NONE Data Acquisition Time: 12/6/05 04:20 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05018.RAW

Result File : C:\DATA65\IC05018.RST

Inst Method : PCB2CH from C:\DATA65\IC05018.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-263-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 121

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.518	1090		0.04	0.0150
2	1.342	7708810		317.65	105.8822
3	2.625	16552		0.68	0.2273
4	2.840	9783		0.40	0.1344
5	3.047	2138		0.09	0.0294
6	3.473	389		0.02	0.0053
7	3.560	5322		0.22	0.0731
8	3.920	2412		0.10	0.0331

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.095	1738		0.07	0.0239
10	4.462	5862		0.24	0.0805
11	5.005	4709		0.19	0.0647
12	5.207	3681		0.15	0.0506
13	6.187	386200	Tetrachloro-m-xylene	15.91	5.3045
14	7.127	10868		0.45	0.1493
15	7.365	9536		0.39	0.1310
16	7.704	17327		0.71	0.2380
17	8.034	4426		0.18	0.0608
18	8.166	4388		0.18	0.0603
19	8.700	399		0.32	0.1073
20	8.846	204		0.16	0.0549
21	9.009	1770		1.43	0.4756
22	9.156	10875		8.77	2.9229
23	9.358	5703		4.60	1.5328
24	9.458	7268		5.86	1.9533
25	9.672	1470		1.19	0.3950
26	10.025	11921		9.61	3.2039
27	10.407	1712		1.38	0.4602
29	11.038	18137		14.62	4.8746
30	11.464	3608		4.53	1.5111
31	11.566	3043		3.82	1.2744
33	11.958	41686		52.38	17.4612
34	12.063	28261		35.51	11.8378
36	12.827	26599		24.16	8.0521
37	13.114	75622		68.68	22.8921
38	13.409	10757		11.42	3.8069
39	13.617	27015		28.68	9.5610
40	13.770	60899		64.66	21.5527
	13.997	263407	AR1248	64.58	21.5254
42	14.136	224788		238.66	79.5543
43	14.368	46789		49.68	16.5591
44	14.587	38755		41.15	13.7158
45	14.782	106333		112.90	37.6321
46	14.898	75135		79.77	26.5909
47	14.968	198639		210.90	70.2999
48	15.214	64040		67.99	22.6644
49	15.467	14758		15.67	5.2231
50	15.719	76476		81.20	27.0656
51	15.920	216038		229.37	76.4575
52	16.103	73363		77.89	25.9636
53	16.308	140438		149.11	49.7020
54	16.573	6929		7.36	2.4523
55	16.662	14624		15.53	5.1754
56	16.754	9133		9.70	3.2321
57	16.956	98932		105.04	35.0126
58	17.084	195458		207.52	69.1739
59	17.484	58030		61.61	20.5373
60	17.689	43617		46.31	15.4364
61	17.886	13611		14.45	4.8170
62	18.130	25802		27.40	9.1317
63	18.236	163955		174.08	58.0251
64	18.484	22841		24.25	8.0835
65	18.655	22052		23.41	7.8043
66	18.874	145647		154.64	51.5457
67	19.062	35314		37.49	12.4979
68	19.172	36415		38.66	12.8875
69	19.348	7904		8.39	2.7971
70	19.423	9878		10.49	3.4957
71	19.493	8762		9.30	3.1009
72	19.686	42638		45.27	15.0901
73	19.894	938		1.00	0.3320
74	20.035	18620		0.61	0.2022
75	20.143	14063		0.46	0.1527
76	20.370	15353		0.50	0.1667
77	20.484	8556		0.28	0.0929
78	20.546	11086		0.36	0.1204
79	20.631	9486		0.31	0.1030
80	20.780	8725		0.28	0.0947
81	21.001	34481		1.12	0.3743
82	21.194	7463		0.24	0.0810
83	21.357	4433		0.14	0.0481
84	21.469	23632		0.77	0.2566
85	21.593	12232		0.40	0.1328
86	21.737	6155		0.20	0.0668
87	21.883	4296		0.14	0.0466
88	22.069	6028		0.20	0.0654
89	22.207	41519		1.35	0.4508
90	22.339	17264		0.56	0.1874
91	22.587	5636		0.18	0.0612

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.782	10323		0.34	0.1121
93	22.887	1797		0.06	0.0195
94	23.017	6316		0.21	0.0686
95	23.169	3806		0.12	0.0413
96	23.331	4217		0.14	0.0458
97	23.612	5426		0.18	0.0589
98	23.764	4794		0.16	0.0521
99	23.971	1859		0.06	0.0202
100	24.161	16606		0.54	0.1803
101	24.268	5599		0.18	0.0608
102	24.357	44275		1.44	0.4807
103	24.529	6575		0.21	0.0714
104	25.102	74021		2.41	0.8036
105	25.224	45559		1.48	0.4946
106	25.351	10022		0.33	0.1088
107	25.880	62926		2.05	0.6832
108	26.072	624156	Decachlorobiphenyl	20.33	6.7763
109	26.678	100975		3.29	1.0963
110	27.260	84315		2.75	0.9154
111	27.540	122476		3.99	1.3297
112	27.774	29651		0.97	0.3219
113	27.984	27077		0.88	0.2940
114	28.421	29972		0.98	0.3254
115	28.566	4290		0.14	0.0466
116	28.894	1461		0.05	0.0159
117	29.076	16592		0.54	0.1801
118	29.372	2738		0.09	0.0297
119	30.215	5560		0.18	0.0604
120	30.497	2922		0.10	0.0317
121	30.867	1935		0.06	0.0210
		12640882		3172.57	1057.5247

Group Report For : AR1248

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
41	13.997	128699	AR1248-4	136.64	45.5474
28	10.678	31183	AR1248-1	25.14	8.3810
32	11.826	48359	AR1248-2	60.77	20.2565
35	12.705	55166	AR1248-3	50.10	16.6997
		263407		272.65	90.8847

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

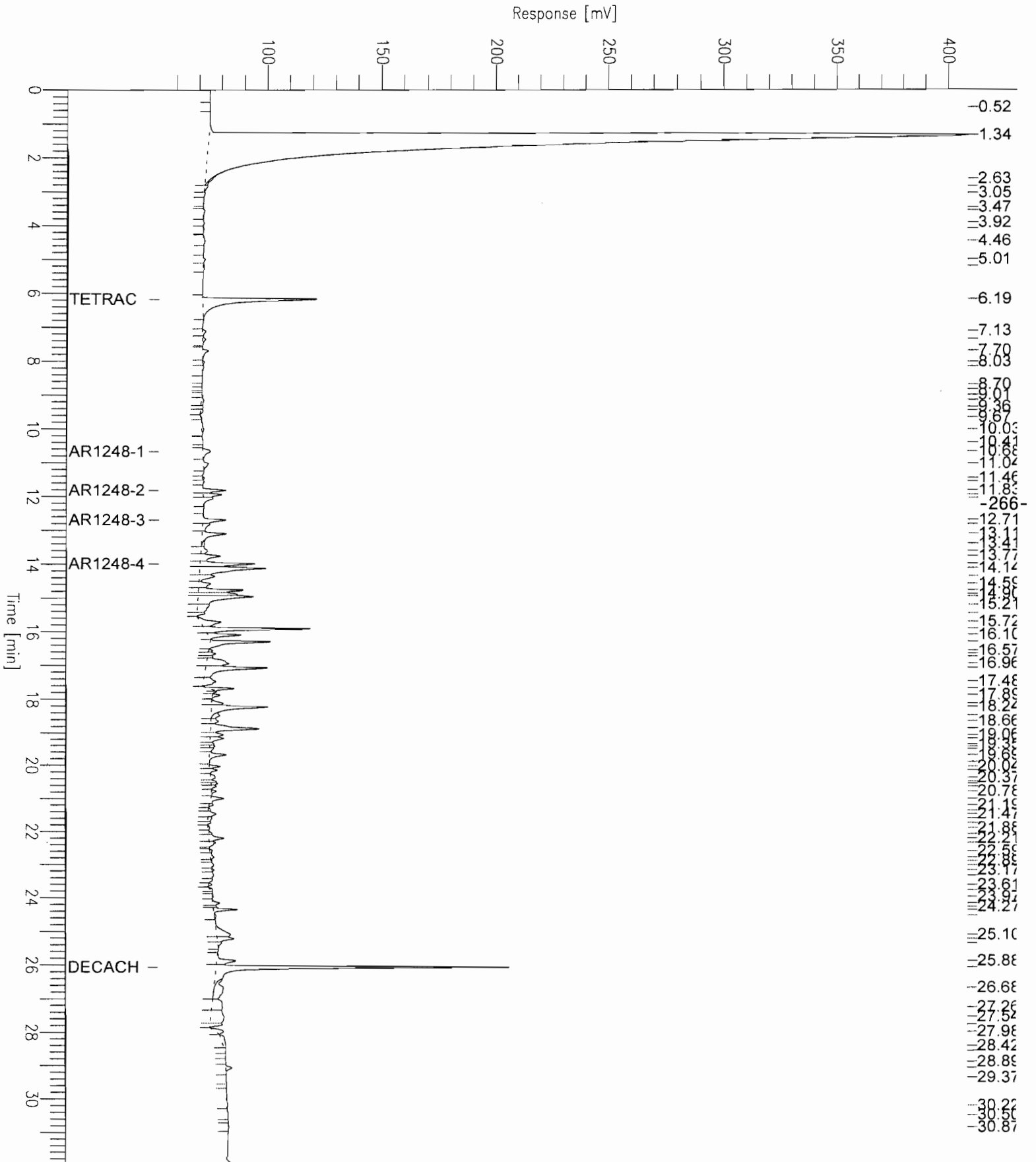
Report stored in ASCII file: C:\DATA65\IC05018.TX0

Chromatogram - ECD#1

Sample Name : u0511380-012a
 FileName : C:\DATA65\Ic05018.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 52 mV

Sample #: 18
 Date : 12/9/05 12:46 PM
 Time of Injection: 12/6/05 04:20 AM
 Low Point : 52.22 mV
 Plot Scale: 356.3 mV
 High Point : 408.56 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-113 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-013A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 11.2

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

4:20AM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		37	U
11104-28-2	Aroclor 1221		37	U
11141-16-5	Aroclor 1232		37	U
53469-21-9	Aroclor 1242		37	U
12672-29-6	Aroclor 1248		37	U
11097-69-1	Aroclor 1254		37	U
11096-82-5	Aroclor 1260		37	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SB-113 0-2'
Lab Order: U0511380 **Collection Date:** 11/22/2005 9:30:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-013 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	11.2	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 13 of 30

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-013a

Time : 12/9/05 10:59 AM

Sample Number: 18

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/18

Interface Serial # : NONE Data Acquisition Time: 12/6/05 04:20 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05018.RAW

Result File : C:\DATA65\HC05018.RST

Inst Method : PCB2CH from C:\DATA65\HC05018.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-269-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 99

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	4154396		466.76	155.5862
2	2.919	436		0.05	0.0163
3	3.204	2475		0.28	0.0927
4	3.652	1203		0.14	0.0451
5	3.818	368		0.04	0.0138
6	4.348	2244		0.25	0.0840
7	4.566	1429		0.16	0.0535
8	4.664	572		0.06	0.0214

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.885	461		0.05	0.0173
10	5.154	3154		0.35	0.1181
11	5.286	4394		0.49	0.1646
12	5.446	2342		0.26	0.0877
13	5.536	3302		0.37	0.1236
14	5.792	282398		31.73	10.5761
15	6.709	151781		17.05	5.6843
16	7.101	161215	Tetrachloro-m-xylene	18.11	6.0376
17	7.563	7659		0.86	0.2868
18	8.122	3411		0.38	0.1278
19	8.201	2226		0.25	0.0834
20	8.389	1202		0.14	0.0450
21	8.706	12602		1.42	0.4720
22	8.786	17980		2.02	0.6734
23	8.982	15043		1.69	0.5634
24	9.326	2358		0.26	0.0883
25	9.549	989		0.11	0.0370
26	9.724	1634		0.18	0.0612
27	9.876	752		0.08	0.0282
28	10.134	1921		4.84	1.6136
29	10.380	18623		46.92	15.6409
30	10.723	451119		1136.65	378.8817
31	11.461	4231		10.66	3.5532
32	11.670	829		2.09	0.6963
33	12.414	2352		5.93	1.9753
34	12.566	6484		16.34	5.4457
	12.798	92180	AR1248	55.91	18.6375
37	13.645	1851		4.63	1.5442
38	13.786	3115		7.79	2.5983
39	14.091	18816		47.08	15.6927
40	14.452	18796		37.93	12.6443
41	14.680	20892		42.16	14.0542
42	14.789	20561		41.49	13.8311
43	15.108	62291		125.71	41.9027
44	15.510	5025946		14095.09	4698.3619
45	15.975	21298		59.73	19.9098
46	16.163	3513		9.85	3.2840
47	16.675	13053		36.61	12.2022
48	16.975	8992		25.22	8.4055
49	17.150	2333		6.54	2.1812
50	17.336	3333		9.35	3.1159
51	17.639	905		2.54	0.8458
52	17.790	1827		5.12	1.7079
53	17.908	987		2.77	0.9226
54	18.085	762		2.14	0.7126
55	18.345	52367		146.86	48.9534
56	18.554	67297		188.73	62.9107
57	18.808	23906		67.04	22.3475
58	19.001	12954		36.33	12.1095
59	19.170	6464		18.13	6.0422
60	19.316	6565		18.41	6.1369
61	19.462	9953		27.91	9.3046
62	19.557	5288		14.83	4.9438
63	19.717	5236		14.69	4.8952
64	19.863	4976		13.96	4.6519
65	20.293	10543		29.57	9.8560
66	20.433	11909		33.40	11.1328
67	20.646	9535		26.74	8.9137
68	20.841	12098		33.93	11.3097
69	21.076	2709		7.60	2.5326
70	21.309	8119		22.77	7.5902
71	21.537	536		1.50	0.5010
72	21.746	853		2.39	0.7971
73	21.870	756		0.04	0.0150
74	22.062	855		0.05	0.0169
75	22.213	6561		0.39	0.1298
76	22.389	11912		0.71	0.2356
77	22.558	8333		0.49	0.1648
78	22.693	6500		0.39	0.1286
79	22.877	10278		0.61	0.2033
80	23.500	1971		0.12	0.0390
81	23.762	4918		0.29	0.0973
82	23.976	5349		0.32	0.1058
83	24.204	636		0.04	0.0126
84	24.347	397		0.02	0.0078
85	24.827	10225		0.61	0.2023
86	25.039	4952		0.29	0.0980
87	25.380	14891		0.88	0.2946
88	25.929	1450		0.09	0.0287
89	26.320	151128		8.97	2.9894

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	26.732	8207		0.49	0.1623
91	27.371	157384		9.34	3.1132
92	27.716	291344	Decachlorobiphenyl	17.29	5.7630
93	28.598	5178		0.31	0.1024
94	29.220	15314		0.91	0.3029
95	29.365	8692		0.52	0.1719
96	29.829	16446		0.98	0.3253
97	30.582	7871		0.47	0.1557
98	30.724	8050		0.48	0.1592
99	30.985	17607		1.04	0.3483
		11673551		17135.56	5711.8524

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	15.789	0	AR1248-4	0.00	0.0000
35	12.798	90230	AR1248-1	227.34	75.7814
36	13.462	1950	AR1248-2	4.88	1.6265
0	15.169	0	AR1248-3	0.00	0.0000
		92180		232.22	77.4078

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

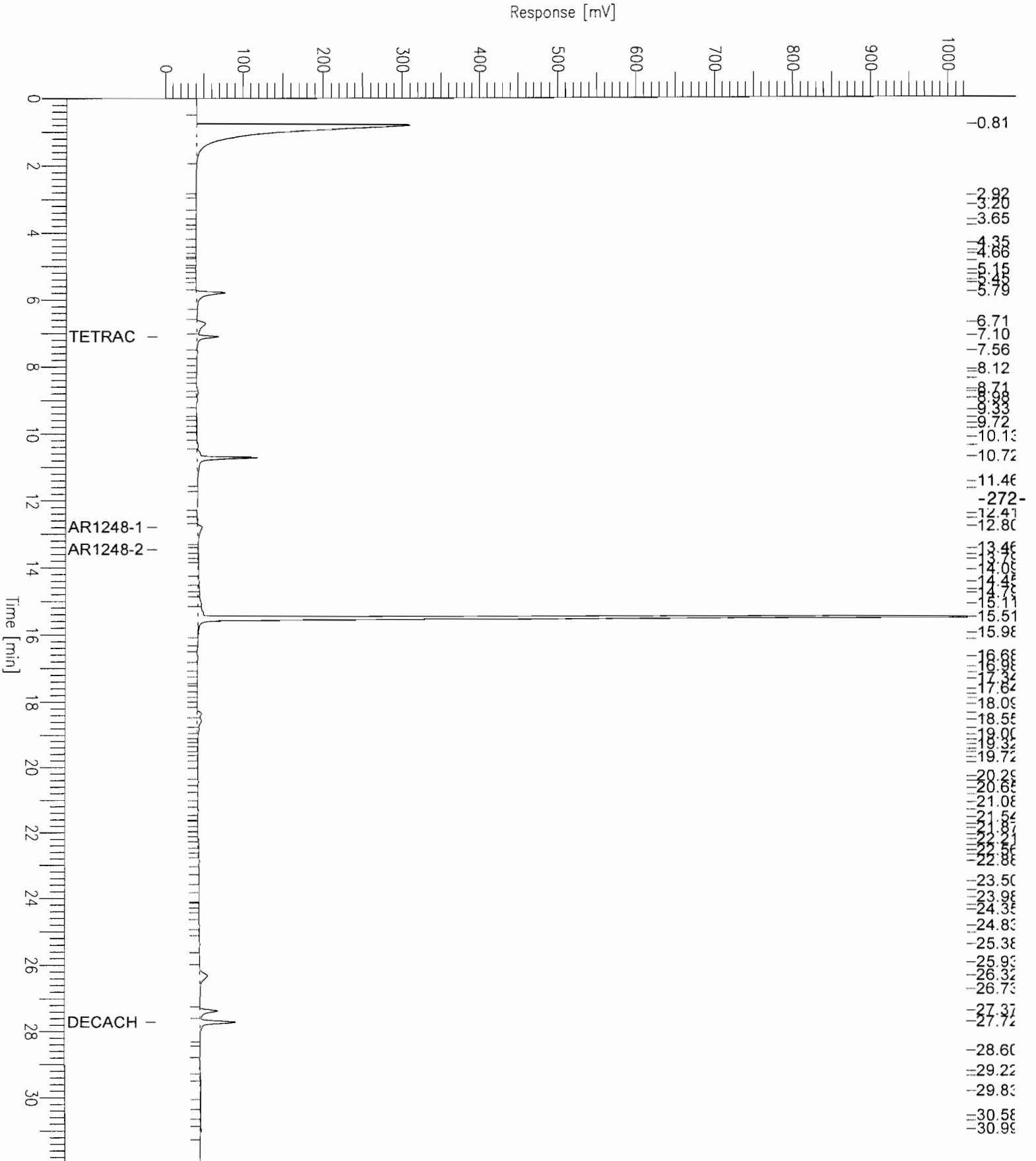
Report stored in ASCII file: C:\DATA65\HC05018.TX0

Chromatogram - ECD#1

Sample Name : u0511380-013a
 FileName : C:\DATA65\Hc05018.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -10 mV

Sample #: 18
 Date : 12/9/05 11:00 AM
 Time of Injection: 12/6/05 04:20 AM
 Low Point : -9.69 mV
 High Point : 1024.00 mV
 Plot Scale: 1033.7 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-013a
Sample Number: 19
Operator : manager

Time : 12/9/05 12:46 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/18

Interface Serial # : NONE Data Acquisition Time: 12/6/05 04:57 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05019.RAW
Result File : C:\DATA65\IC05019.RST
Inst Method : PCB2CH from C:\DATA65\IC05019.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-273-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 131

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.520	881		0.04	0.0121
2	1.337	8289025		341.55	113.8515
3	3.566	14917		0.61	0.2049
4	3.903	10720		0.44	0.1472
5	4.136	11565		0.48	0.1588
6	4.365	12816		0.53	0.1760
7	4.541	14239		0.59	0.1956
8	4.672	9007		0.37	0.1237

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.015	20901		0.86	0.2871
10	5.300	43290		1.78	0.5946
11	5.508	518137		21.35	7.1167
12	6.189	549350	Tetrachloro-m-xylene	22.64	7.5454
13	6.625	67144		2.77	0.9222
14	6.753	50740		2.09	0.6969
15	6.912	87756		3.62	1.2053
16	7.138	111209		4.58	1.5275
17	7.370	66553		2.74	0.9141
18	7.552	51017		2.10	0.7007
19	7.696	81088		3.34	1.1138
20	7.934	25980		1.07	0.3568
21	8.025	16214		0.67	0.2227
22	8.137	33008		1.36	0.4534
23	8.252	20891		0.86	0.2869
24	8.513	86164		69.47	23.1583
25	8.796	49360		39.80	13.2665
26	9.036	87455		70.52	23.5051
27	9.127	55359		44.64	14.8787
28	9.270	38059		30.69	10.2292
29	9.344	71887		57.96	19.3210
30	9.647	7005		5.65	1.8828
31	9.868	225501		181.82	60.6077
32	10.139	34673		27.96	9.3191
33	10.281	30736		24.78	8.2610
34	10.473	57213		46.13	15.3772
36	11.037	108571		87.54	29.1806
37	11.254	44954		36.25	12.0822
38	11.452	14421		18.12	6.0407
39	11.569	11053		13.89	4.6297
41	11.944	16028		20.14	6.7136
42	12.111	54196		68.10	22.7014
43	12.358	60312		54.77	18.2576
44	12.594	73285		66.55	22.1846
46	12.811	39000		35.42	11.8059
47	13.112	163015		148.04	49.3474
48	13.269	89086		80.90	26.9677
49	13.425	63065		66.96	22.3190
50	13.602	168690		179.10	59.7006
51	13.762	79069		83.95	27.9832
52	13.910	130482		138.54	46.1785
	14.023	275068	AR1248	67.43	22.4783
54	14.197	5748054		6102.84	2034.2804
55	14.523	17047		18.10	6.0330
56	14.793	8380		8.90	2.9659
57	14.901	14094		14.96	4.9881
58	15.035	4238		4.50	1.4997
59	15.355	6752		7.17	2.3895
60	15.462	5955		6.32	2.1073
61	15.777	90543		96.13	32.0438
62	15.913	49115		52.15	17.3822
63	16.103	60528		64.26	21.4214
64	16.300	116848		124.06	41.3534
65	16.601	63809		67.75	22.5825
66	16.839	81356		86.38	28.7923
67	17.058	109724		116.50	38.8323
68	17.280	11587		12.30	4.1007
69	17.385	29283		31.09	10.3635
70	17.490	20533		21.80	7.2668
71	17.795	41127		43.67	14.5553
72	17.928	9200		9.77	3.2559
73	18.228	74660		79.27	26.4228
74	18.460	51620		54.81	18.2685
75	18.588	23721		25.18	8.3949
76	18.721	5250		5.57	1.8581
77	18.811	3900		4.14	1.3804
78	19.044	8065		8.56	2.8544
79	19.196	3246		3.45	1.1489
80	19.407	6707		7.12	2.3736
81	19.605	7806		8.29	2.7625
82	19.774	5374		5.71	1.9020
83	19.889	1730		1.84	0.6123
84	20.023	4153		4.41	1.4699
85	20.098	7448		0.24	0.0809
86	20.237	2721		0.09	0.0295
87	20.379	2873		0.09	0.0312
88	20.518	2916		0.09	0.0317
89	20.739	4078		0.13	0.0443
90	20.901	17424		0.57	0.1892
91	21.127	30234		0.98	0.3282

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.382	10256		0.33	0.1114
93	21.467	14185		0.46	0.1540
94	21.732	1795		0.06	0.0195
95	21.831	687		0.02	0.0075
96	21.933	1319		0.04	0.0143
97	22.110	8615		0.28	0.0935
98	22.212	5542		0.18	0.0602
99	22.347	5451		0.18	0.0592
100	22.472	9027		0.29	0.0980
101	22.569	2671		0.09	0.0290
102	22.680	14294		0.47	0.1552
103	22.864	291		0.01	0.0032
104	22.988	3688		0.12	0.0400
105	23.166	2462		0.08	0.0267
106	23.276	688		0.02	0.0075
107	23.420	1445		0.05	0.0157
108	23.618	3954		0.13	0.0429
109	23.748	1479		0.05	0.0161
110	24.144	5172		0.17	0.0561
111	24.262	3473		0.11	0.0377
112	24.504	2513		0.08	0.0273
113	24.636	289		0.01	0.0031
114	25.124	147884		4.82	1.6055
115	25.718	3631		0.12	0.0394
116	25.862	176070		5.73	1.9116
117	26.071	563965	Decachlorobiphenyl	18.37	6.1228
118	26.675	2145		0.07	0.0233
119	27.099	15169		0.49	0.1647
120	27.314	21175		0.69	0.2299
121	27.531	5978		0.19	0.0649
122	27.640	6451		0.21	0.0700
123	27.946	1415		0.05	0.0154
124	28.197	3682		0.12	0.0400
125	28.503	8248		0.27	0.0895
126	28.899	677		0.02	0.0074
127	29.320	3401		0.11	0.0369
128	30.235	10906		0.36	0.1184
129	30.513	2837		0.09	0.0308
130	30.830	337		0.01	0.0037
131	31.640	635		0.02	0.0069
		20066157		9315.75	3105.2483

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
53	14.023	100720	AR1248-4	106.94	35.6454
35	10.758	66540	AR1248-1	53.65	17.8840
40	11.781	56037	AR1248-2	70.42	23.4725
45	12.706	51771	AR1248-3	47.02	15.6718
		275068		278.02	92.6738

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

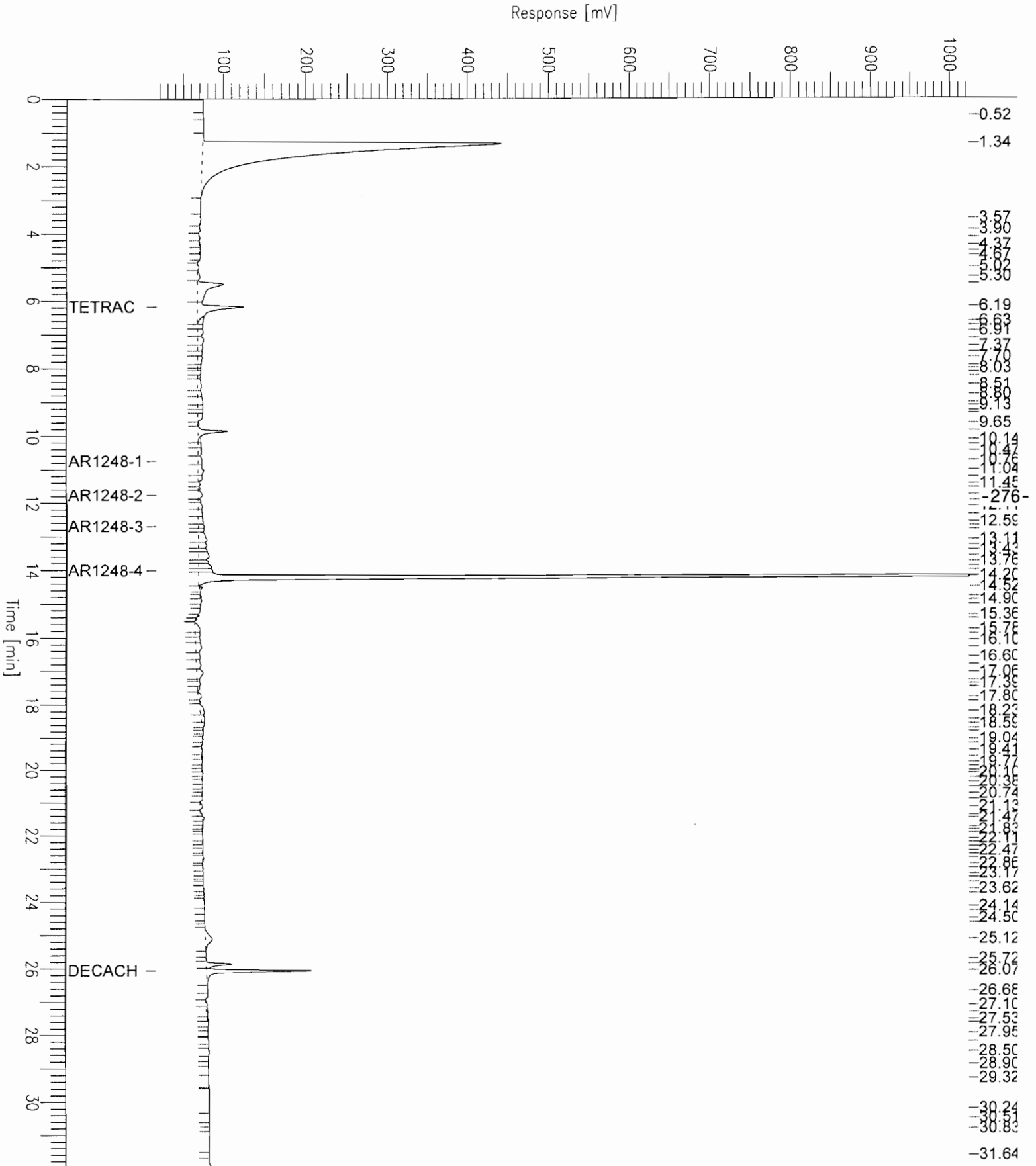
Report stored in ASCII file: C:\DATA65\IC05019.TX0

Chromatogram - ECD#1

Sample Name : u0511380-013a
 FileName : C:\DATA65\ic05019.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 16 mV

Sample #: 19
 Date : 12/9/05 12:46 PM
 Time of Injection: 12/6/05 04:57 AM
 Low Point : 16.34 mV
 High Point : 1024.00 mV
 Plot Scale: 1007.7 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-114 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-014A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 9.9

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

4:57AM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		370	U
11104-28-2	Aroclor 1221		370	U
11141-16-5	Aroclor 1232		370	U
53469-21-9	Aroclor 1242		370	U
12672-29-6	Aroclor 1248		370	U
11097-69-1	Aroclor 1254		370	U
11096-82-5	Aroclor 1260		370	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 Client Sample ID: SB-114 0-2'
Lab Order: U0511380 Collection Date: 11/22/2005 9:50:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-014 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	9.91	0.00100		wt%	1	12/7/2005

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Approved By: _____ Date: _____ Page 14 of 30

- | | | |
|-------------|--|---|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-014a

Time : 12/9/05 11:00 AM

Sample Number: 19

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/19

Interface Serial # : NONE Data Acquisition Time: 12/6/05 04:57 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05019.RAW

Result File : C:\DATA65\HC05019.RST

Inst Method : PCB2CH from C:\DATA65\HC05019.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-279-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 84

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.816	1488436		167.23	557.4337
2	2.920	402		0.05	0.1506
3	3.249	1144		0.13	0.4286
4	4.052	906		0.10	0.3395
5	4.378	2804		0.32	1.0500
6	4.895	8838		0.99	3.3098
7	5.288	5942		0.67	2.2254
8	5.783	1152430		129.48	431.5962

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.709	206099		23.16	77.1862
10	7.095	56052	Tetrachloro-m-xylene	6.30	20.9919
11	7.564	4092		0.46	1.5325
12	8.037	4422		0.50	1.6560
13	8.714	862		0.10	0.3227
14	9.005	4242		0.48	1.5886
15	9.416	4323		0.49	1.6192
16	9.707	14015		1.57	5.2487
17	9.815	4866		0.55	1.8222
18	10.140	4742		11.95	39.8277
19	10.363	29241		73.68	245.5903
20	10.720	1690381		4259.11	14197.0287
21	11.675	25512		64.28	214.2653
22	11.763	20981		52.86	176.2133
23	11.853	17331		43.67	145.5574
24	12.198	6511		16.40	54.6802
25	12.416	3901		9.83	32.7599
26	12.588	9690		24.41	81.3821
28	12.947	76644		193.11	643.7098
29	13.100	59693		150.40	501.3455
30	13.320	20392		51.02	170.0740
32	13.622	51816		129.65	432.1558
33	13.795	49692		124.33	414.4423
34	13.877	33900		84.82	282.7354
35	14.096	159886		400.05	1333.4931
36	14.470	137479		277.45	924.8209
37	14.828	250213		504.95	1683.1763
38	15.096	317574		640.89	2136.3112
	15.196	468095	AR1248	283.93	946.4237
40	15.341	270977		546.86	1822.8538
41	15.487	7003950		14134.63	47115.4304
43	15.987	64712		181.48	604.9444
44	16.168	49746		139.51	465.0350
45	16.416	8617		24.17	80.5561
46	16.659	20932		58.70	195.6771
47	16.976	23588		66.15	220.5039
48	17.154	10826		30.36	101.2066
49	17.335	21756		61.01	203.3787
50	17.664	4439		12.45	41.5001
51	17.821	1797		5.04	16.8002
52	18.149	312		0.88	2.9193
53	18.346	25994		72.90	242.9934
54	18.537	51690		144.96	483.2104
55	18.846	5410		15.17	50.5711
56	19.168	740		2.07	6.9154
57	19.316	2285		6.41	21.3618
58	19.466	14838		41.61	138.7133
59	19.868	1486		4.17	13.8942
60	20.085	2840		7.96	26.5483
61	20.437	2183		6.12	20.4106
62	20.657	2443		6.85	22.8415
63	20.835	3845		10.78	35.9406
64	21.065	1309		3.67	12.2361
65	21.308	8727		24.47	81.5782
66	22.209	2717		0.16	0.5374
67	22.396	5869		0.35	1.1610
68	22.710	6879		0.41	1.3606
69	22.893	3049		0.18	0.6032
70	23.502	2461		0.15	0.4869
71	23.773	8585		0.51	1.6983
72	23.959	8885		0.53	1.7575
73	24.824	3190		0.19	0.6310
74	25.360	37830		2.24	7.4831
75	26.304	461821		27.41	91.3522
76	27.372	122252		7.25	24.1825
77	27.711	26259	Decachlorobiphenyl	1.56	5.1942
78	27.866	5652		0.34	1.1180
79	28.954	4942		0.29	0.9777
80	29.228	2494		0.15	0.4932
81	29.375	3095		0.18	0.6122
82	29.830	14231		0.84	2.8149
83	30.632	13033		0.77	2.5780
84	30.985	9312		0.55	1.8420
		14741545		23381.82	77939.3991

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
42	15.807	95335	AR1248-4	267.36	891.2124
27	12.785	79445	AR1248-1	200.17	667.2327
31	13.460	76879	AR1248-2	192.36	641.1906
39	15.196	216436	AR1248-3	436.79	1455.9638
		468095		1096.68	3655.5996

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

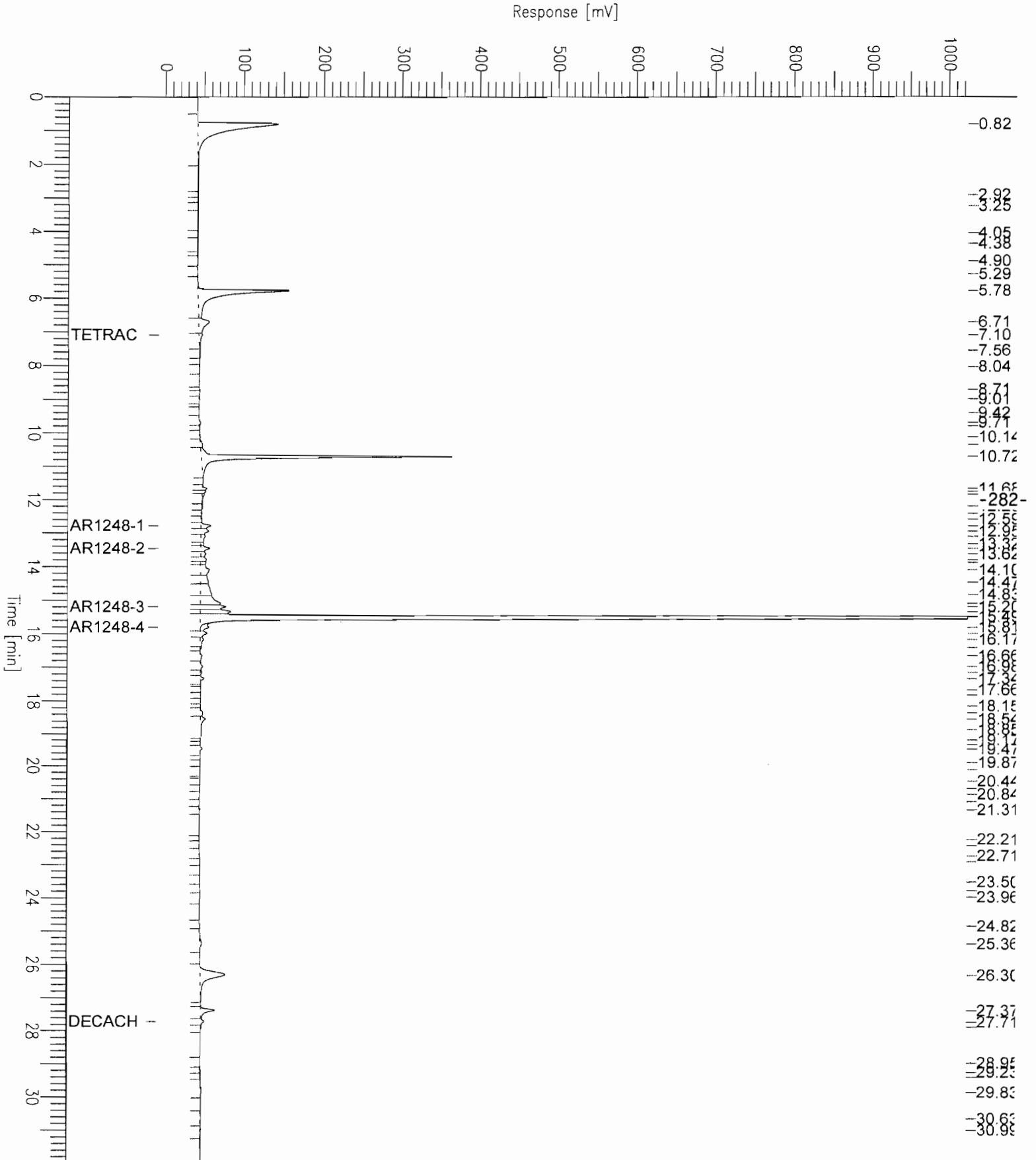
Report stored in ASCII file: C:\DATA65\HC05019.TX0

Chromatogram - ECD#1

Sample Name : u0511380-014a
 FileName : C:\DATA65\Hc05019.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -8 mV

Sample #: 19
 Date : 12/9/05 11:00 AM
 Time of Injection: 12/6/05 04:57 AM
 Low Point : -8.28 mV
 High Point : 1024.00 mV
 Plot Scale: 1032.3 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-014a

Time : 12/9/05 12:46 PM

Sample Number: 20

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/19

Interface Serial # : NONE Data Acquisition Time: 12/6/05 05:33 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05020.RAW

Result File : C:\DATA65\IC05020.RST

Inst Method : PCB2CH from C:\DATA65\IC05020.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-283-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 110

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.334	2876313		118.52	395.0678
2	2.993	791		0.03	0.1087
3	3.607	18819		0.78	2.5848
4	3.711	4127		0.17	0.5669
5	3.910	8786		0.36	1.2068
6	4.133	4575		0.19	0.6285
7	4.361	1817		0.07	0.2496
8	4.544	3078		0.13	0.4227

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.676	3583		0.15	0.4922
10	5.023	18078		0.74	2.4830
11	5.342	21291		0.88	2.9244
12	5.490	1788574		73.70	245.6644
13	6.189	140031	Tetrachloro-m-xylene	5.77	19.2335
14	6.397	30856		1.27	4.2382
15	6.515	27383		1.13	3.7611
16	6.633	34470		1.42	4.7346
17	6.763	30670		1.26	4.2126
18	6.895	33694		1.39	4.6280
19	7.219	14754		0.61	2.0266
20	7.784	1535		0.06	0.2108
21	7.933	1198		0.05	0.1645
22	8.027	178		0.01	0.0245
23	8.137	4479		0.18	0.6152
24	8.249	2550		0.11	0.3503
25	8.597	26688		21.52	71.7302
26	9.027	62112		50.08	166.9367
27	9.162	63357		51.09	170.2839
28	9.649	10733		8.65	28.8477
29	9.864	1943410		1566.98	5223.2808
30	10.503	8055		6.49	21.6484
32	10.905	1190		0.96	3.1979
33	11.121	28565		23.03	76.7746
34	11.458	18250		22.93	76.4436
35	11.568	16979		21.34	71.1204
37	11.956	49729		62.49	208.3015
38	12.085	57149		71.82	239.3846
40	12.830	18942		17.20	57.3394
41	13.114	208147		189.03	630.0948
42	13.278	110865		100.68	335.6059
43	13.605	567330		602.35	2007.8253
44	13.771	332627		353.16	1177.1913
	14.001	1061157	AR1248	260.15	867.1683
46	14.187	8890896		9439.67	31465.5643
47	14.517	18469		19.61	65.3639
48	14.779	27322		29.01	96.6948
49	14.893	59206		62.86	209.5342
50	15.244	6130		6.51	21.6946
51	15.358	8903		9.45	31.5091
52	15.461	7901		8.39	27.9615
53	15.717	131491		139.61	465.3564
54	15.916	103577		109.97	366.5660
55	16.102	135140		143.48	478.2715
56	16.306	187312		198.87	662.9115
57	16.616	91419		97.06	323.5375
58	16.848	143813		152.69	508.9652
59	17.078	187673		199.26	664.1891
60	17.281	24887		26.42	88.0776
61	17.390	48395		51.38	171.2738
62	17.488	53922		57.25	190.8344
63	17.810	145706		154.70	515.6658
64	18.118	329047		349.36	1164.5232
65	18.228	604937		642.28	2140.9197
66	18.855	119615		127.00	423.3275
67	19.043	108282		114.97	383.2196
68	19.204	64743		68.74	229.1301
69	19.419	98152		104.21	347.3678
70	19.616	138191		146.72	489.0677
71	19.891	39945		42.41	141.3669
72	20.023	44311		47.05	156.8191
73	20.135	50155		1.63	5.4453
74	20.240	36795		1.20	3.9948
75	20.386	42661		1.39	4.6316
76	20.535	94663		3.08	10.2774
77	20.734	35924		1.17	3.9002
78	20.852	51905		1.69	5.6352
79	21.138	41538		1.35	4.5097
80	21.381	18409		0.60	1.9987
81	21.475	34672		1.13	3.7642
82	21.734	4127		0.13	0.4481
83	22.000	2885		0.09	0.3132
84	22.112	2932		0.10	0.3183
85	22.217	1450		0.05	0.1574
86	22.347	519		0.02	0.0564
87	22.681	8143		0.27	0.8841
88	22.866	310		0.01	0.0337
89	23.011	1781		0.06	0.1933
90	23.274	13228		0.43	1.4361
91	23.429	3399		0.11	0.3690

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.617	5830		0.19	0.6329
93	23.730	6271		0.20	0.6809
94	24.147	4713		0.15	0.5116
95	24.246	1990		0.06	0.2160
96	24.705	2573		0.08	0.2794
97	25.112	169103		5.51	18.3592
98	25.724	2197		0.07	0.2385
99	25.867	156160		5.09	16.9539
100	26.070	127940	Decachlorobiphenyl	4.17	13.8901
101	26.792	45332		1.48	4.9216
102	27.321	33626		1.10	3.6507
103	27.654	10042		0.33	1.0902
104	27.956	1082		0.04	0.1175
105	28.228	1152		0.04	0.1250
106	28.515	4140		0.13	0.4495
107	28.883	428		0.01	0.0464
108	30.526	4886		0.16	0.5305
109	30.789	12311		0.40	1.3366
110	31.939	902		0.03	0.0979
		22512476		16221.59	54071.9826

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
45	14.001	800572	AR1248-4	849.99	2833.2840
31	10.679	91401	AR1248-1	73.70	245.6582
36	11.821	94482	AR1248-2	118.73	395.7611
39	12.710	74702	AR1248-3	67.84	226.1356
		1061157		1110.25	3700.8389

-285-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

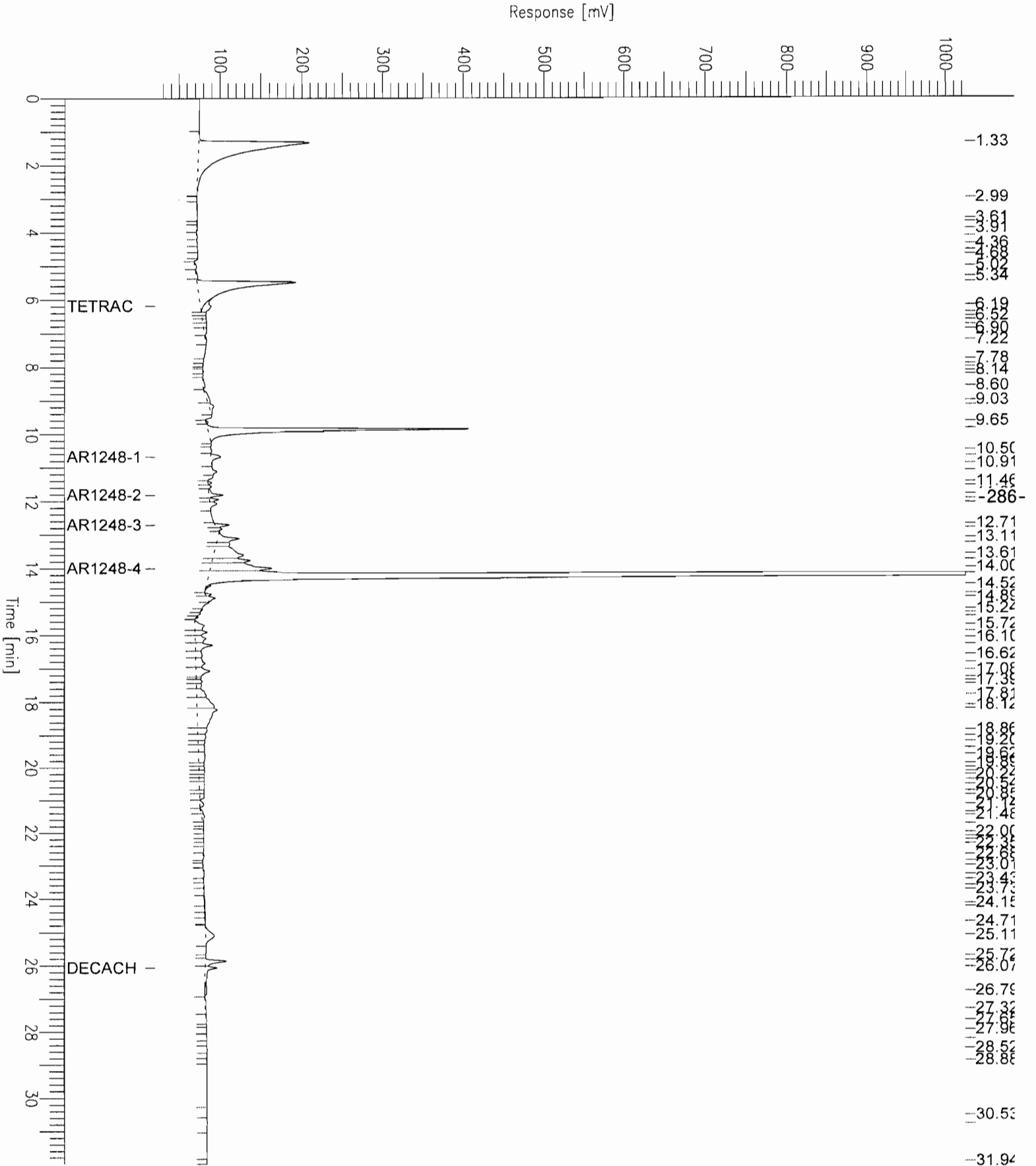
Report stored in ASCII file: C:\DATA65\IC05020.TX0

Chromatogram - ECD#1

Sample Name : u0511380-014a
 FileName : C:\DATA65\Ic05020.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 21 mV

Sample #: 20
 Date : 12/9/05 12:46 PM
 Time of Injection: 12/6/05 05:33 AM
 Low Point : 20.75 mV
 Plot Scale: 1003.2 mV
 High Point : 1024.00 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET
NYSDEC SAMPLE NO. SS-115 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID: U0511380-015A

Sample wt.: 30 (G)

Lab File ID: 12856

% Moisture: 12.3 Decanted: NO

Date Received: 11/23/05

Extraction: SONC

Date Extracted: 11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed: 12/6/05

Injection Vol.: 2 (uL)

Time Analyzed: 5:33AM

GPC Cleanup: No pH:

Dilution Factor: 1

Instr. ID: ULI 65.0

Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	38	U
11104-28-2	Aroclor 1221	38	U
11141-16-5	Aroclor 1232	38	U
53469-21-9	Aroclor 1242	38	U
12672-29-6	Aroclor 1248	38	U
11097-69-1	Aroclor 1254	38	U
11096-82-5	Aroclor 1260	38	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SB-115 0-2'
Lab Order: U0511380 **Collection Date:** 11/22/2005 10:10:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-015 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	12.3	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ **Page 15 of 30**

- | | | | | |
|--------------------|----|--|----|---|
| Qualifiers: | * | Low Level | ** | Value exceeds Maximum Contaminant Value |
| | B | Analyte detected in the associated Method Blank | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | S | Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-015a
Sample Number: 20
Operator : manager

Time : 12/9/05 11:00 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/20

Interface Serial # : NONE Data Acquisition Time: 12/6/05 05:33 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05020.RAW
Result File : C:\DATA65\HC05020.RST
Inst Method : PCB2CH from C:\DATA65\HC05020.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-289-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 103

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.814	4159356		467.32	155.7719
2	1.942	7486		0.84	0.2804
3	2.137	2975		0.33	0.1114
4	3.157	2623		0.29	0.0982
5	3.652	1863		0.21	0.0698
6	3.984	246		0.03	0.0092
7	4.332	1298		0.15	0.0486
8	4.570	452		0.05	0.0169

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.893	796		0.09	0.0298
10	5.149	837		0.09	0.0313
11	5.438	415		0.05	0.0155
12	5.795	308615		34.67	11.5579
13	6.701	52983		5.95	1.9843
14	7.101	133780	Tetrachloro-m-xylene	15.03	5.0102
15	7.563	5516		0.62	0.2066
16	8.044	769		0.09	0.0288
17	8.205	452		0.05	0.0169
18	8.393	908		0.10	0.0340
19	8.787	18434		2.07	0.6904
20	8.973	8778		0.99	0.3287
21	9.325	2444		0.27	0.0915
22	9.706	6517		0.73	0.2441
23	9.815	2315		0.26	0.0867
24	10.031	598		1.51	0.5020
25	10.358	12326		31.06	10.3525
26	10.725	433590		1092.48	364.1596
27	11.451	1119		2.82	0.9395
28	11.676	11160		28.12	9.3730
29	11.761	16573		41.76	13.9190
30	12.200	4969		12.52	4.1731
31	12.416	2394		6.03	2.0107
32	12.567	9866		24.86	8.2861
	12.783	125413	AR1248	76.07	25.3567
34	12.944	39908		100.55	33.5180
35	13.096	14763		37.20	12.3988
37	13.620	6828		17.09	5.6951
38	13.792	8237		20.61	6.8700
39	14.093	20591		51.52	17.1738
40	14.452	3028		6.11	2.0370
41	14.665	5106		10.30	3.4348
42	14.780	5446		10.99	3.6635
43	15.089	24745		49.94	16.6456
45	15.335	39660		80.04	26.6791
46	15.507	5129584		14385.74	4795.2451
48	15.984	20456		57.37	19.1226
49	16.168	14819		41.56	13.8529
50	16.425	3577		10.03	3.3438
51	16.658	19709		55.27	18.4248
52	16.976	19211		53.88	17.9592
53	17.154	10532		29.54	9.8458
54	17.336	23085		64.74	21.5807
55	17.664	6855		19.23	6.4084
56	17.822	1867		5.24	1.7450
57	18.014	719		2.02	0.6726
58	18.152	199		0.56	0.1860
59	18.344	39536		110.88	36.9590
60	18.537	64600		181.17	60.3893
61	18.849	21475		60.22	20.0748
62	19.073	12430		34.86	11.6197
63	19.172	4048		11.35	3.7838
64	19.323	6232		17.48	5.8256
65	19.467	23871		66.95	22.3152
66	19.718	4268		11.97	3.9900
67	19.870	3485		9.77	3.2582
68	20.088	4891		13.72	4.5720
69	20.289	3736		10.48	3.4926
70	20.463	7252		20.34	6.7792
71	20.663	4726		13.25	4.4182
72	20.908	6059		16.99	5.6639
73	21.067	1108		3.11	1.0354
74	21.309	12079		33.88	11.2918
75	21.583	2227		6.25	2.0822
76	21.750	1583		4.44	1.4802
77	21.864	1057		0.06	0.0209
78	22.060	314		0.02	0.0062
79	22.209	4965		0.29	0.0982
80	22.467	12232		0.73	0.2420
81	22.565	5082		0.30	0.1005
82	22.706	9175		0.54	0.1815
83	22.893	6371		0.38	0.1260
84	23.172	363		0.02	0.0072
85	23.497	8892		0.53	0.1759
86	23.765	18304		1.09	0.3621
87	23.974	18153		1.08	0.3591
88	24.364	442		0.03	0.0087
89	24.833	5460		0.32	0.1080
90	25.041	5289		0.31	0.1046
91	25.362	13874		0.82	0.2744

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.677	763		0.05	0.0151
93	26.314	230074		13.65	4.5511
94	26.696	15463		0.92	0.3059
95	27.371	227551		13.50	4.5012
96	27.715	290145	Decachlorobiphenyl	17.22	5.7393
97	28.950	9994		0.59	0.1977
98	29.228	8749		0.52	0.1731
99	29.363	9641		0.57	0.1907
100	29.839	12058		0.72	0.2385
101	30.122	874		0.05	0.0173
102	30.600	13281		0.79	0.2627
103	30.985	20113		1.19	0.3979
		11929074		17640.40	5880.1350

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	15.809	19066	AR1248-4	53.47	17.8234
33	12.783	64149	AR1248-1	161.63	53.8765
36	13.459	20097	AR1248-2	50.28	16.7614
44	15.193	22101	AR1248-3	44.60	14.8672
		125413		309.99	103.3286

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\HC05020.TX0

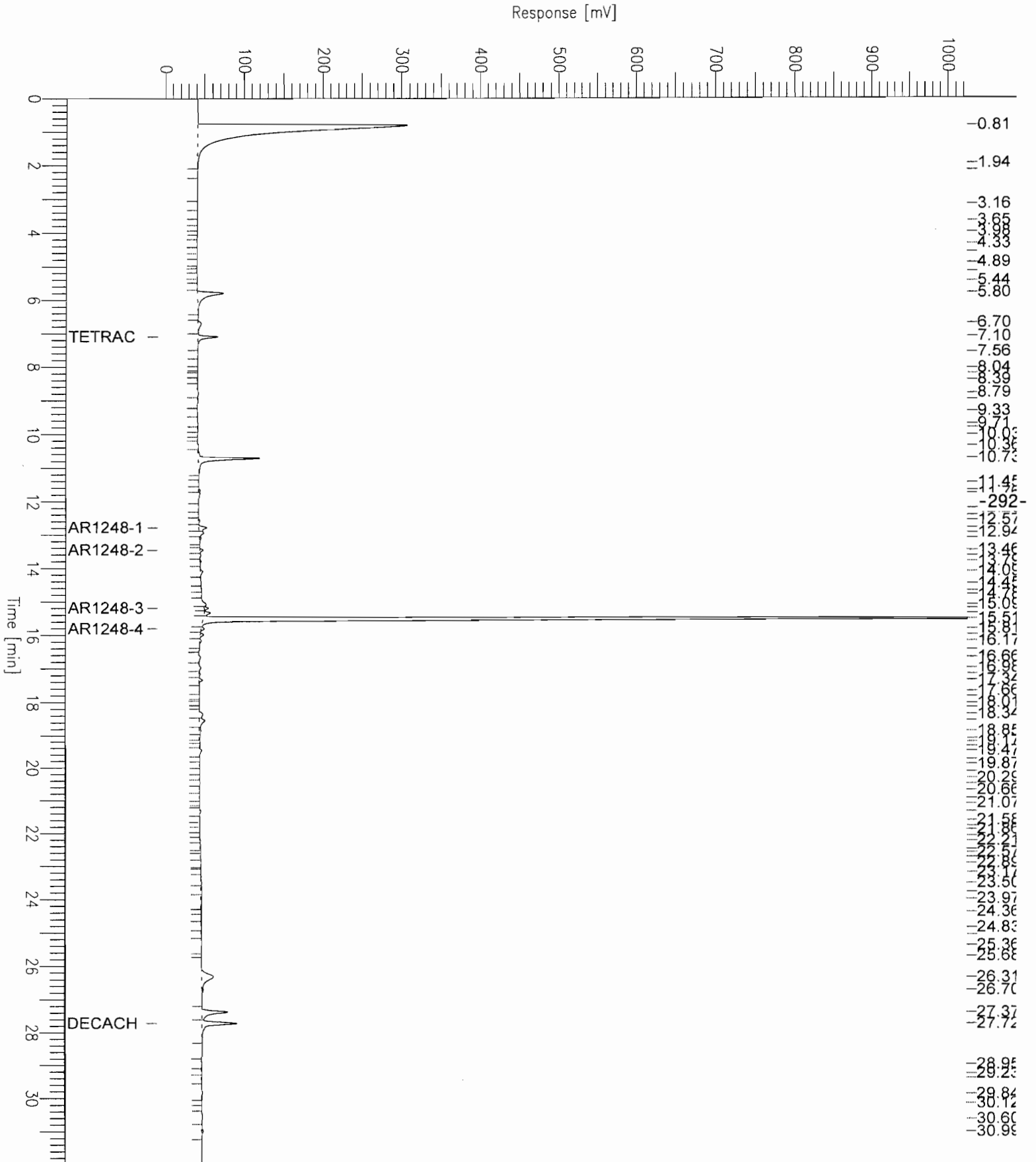
Chromatogram - ECD#1

Sample Name : u0511380-015a
 FileName : C:\DATA65\Hc05020.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -9 mV

Sample #: 20
 Date : 12/9/05 11:00 AM
 Time of Injection: 12/6/05 05:33 AM
 Low Point : -9.25 mV
 Plot Scale: 1033.3 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : u0511380-015a

Time : 12/9/05 12:46 PM

Sample Number: 21

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/20

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:09 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05021.RAW

Result File : C:\DATA65\IC05021.RST

Inst Method : PCB2CH from C:\DATA65\IC05021.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-293-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 134

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.372	1603		0.07	0.0220
2	0.522	8472		0.35	0.1164
3	1.337	8422001		347.03	115.6780
4	3.053	4055		0.17	0.0557
5	3.569	4855		0.20	0.0667
6	3.911	4980		0.21	0.0684
7	4.128	5324		0.22	0.0731
8	4.376	2185		0.09	0.0300

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.534	2163		0.09	0.0297
10	5.013	13586		0.56	0.1866
11	5.296	17330		0.71	0.2380
12	5.518	486340		20.04	6.6800
13	6.191	377105	Tetrachloro-m-xylene	15.54	5.1796
14	6.773	3157		0.13	0.0434
15	6.903	12502		0.52	0.1717
16	7.140	28758		1.19	0.3950
17	7.372	17954		0.74	0.2466
18	7.558	13598		0.56	0.1868
19	7.699	27027		1.11	0.3712
20	7.937	6458		0.27	0.0887
21	8.021	4913		0.20	0.0675
22	8.137	8497		0.35	0.1167
23	8.252	2527		0.10	0.0347
24	8.515	27221		21.95	7.3161
25	8.799	19407		15.65	5.2161
26	9.157	181699		146.51	48.8351
27	9.651	5636		4.54	1.5148
28	9.873	570827		460.26	153.4205
29	10.317	52117		42.02	14.0074
30	10.484	59372		47.87	15.9573
32	10.920	22082		17.80	5.9349
33	11.040	102273		82.46	27.4878
34	11.256	34407		43.24	14.4122
35	11.456	9019		11.33	3.7779
36	11.571	10796		13.57	4.5221
38	11.955	47195		59.31	19.7687
39	12.084	62633		78.71	26.2353
40	12.267	14430		13.10	4.3681
41	12.351	19684		17.88	5.9587
42	12.495	19866		18.04	6.0137
43	12.597	15792		14.34	4.7805
45	12.826	39415		35.79	11.9315
46	13.111	156116		141.78	47.2590
47	13.264	45781		41.58	13.8586
48	13.419	34163		36.27	12.0905
49	13.599	106184		112.74	37.5793
50	13.767	75637		80.31	26.7684
	13.999	495286	AR1248	121.42	40.4744
52	14.192	6718075		7132.73	2377.5782
53	14.521	53373		56.67	18.8893
54	14.781	41164		43.71	14.5684
55	14.895	56242		59.71	19.9043
56	14.958	59892		63.59	21.1961
57	15.358	6642		7.05	2.3506
58	15.462	5580		5.92	1.9747
59	15.718	106997		113.60	37.8671
60	15.916	76216		80.92	26.9735
61	16.101	87287		92.67	30.8915
62	16.305	171465		182.05	60.6827
63	16.615	68696		72.94	24.3122
64	16.847	106909		113.51	37.8358
65	17.075	200567		212.95	70.9822
66	17.386	40928		43.45	14.4849
67	17.490	41535		44.10	14.6995
68	17.692	56035		59.49	19.8311
69	17.792	41749		44.33	14.7752
70	17.937	38344		40.71	13.5704
71	18.132	109008		115.74	38.5789
72	18.229	141272		149.99	49.9974
73	18.398	141979		150.74	50.2474
74	18.582	117515		124.77	41.5893
75	18.859	111712		118.61	39.5359
76	19.045	72777		77.27	25.7564
77	19.188	58680		62.30	20.7674
78	19.409	81443		86.47	28.8232
79	19.608	50389		53.50	17.8332
80	19.770	47281		50.20	16.7333
81	19.889	29837		31.68	10.5596
82	20.032	34230		36.34	12.1143
83	20.091	54206		1.77	0.5885
84	20.244	24438		0.80	0.2653
85	20.377	44076		1.44	0.4785
86	20.536	45687		1.49	0.4960
87	20.604	29396		0.96	0.3191
88	20.741	32345		1.05	0.3512
89	20.875	41766		1.36	0.4534
90	21.132	43667		1.42	0.4741
91	21.467	91448		2.98	0.9928

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.730	23647		0.77	0.2567
93	21.832	10943		0.36	0.1188
94	21.935	15383		0.50	0.1670
95	22.110	34563		1.13	0.3752
96	22.211	19976		0.65	0.2169
97	22.344	38629		1.26	0.4194
98	22.574	5557		0.18	0.0603
99	22.684	20568		0.67	0.2233
100	22.870	930		0.03	0.0101
101	23.000	6091		0.20	0.0661
102	23.160	7034		0.23	0.0764
103	23.276	3341		0.11	0.0363
104	23.419	5276		0.17	0.0573
105	23.600	4881		0.16	0.0530
106	23.751	2350		0.08	0.0255
107	24.148	10874		0.35	0.1181
108	24.257	5157		0.17	0.0560
109	24.491	4239		0.14	0.0460
110	24.705	4783		0.16	0.0519
111	24.882	4129		0.13	0.0448
112	25.223	5235		0.17	0.0568
113	25.344	2498		0.08	0.0271
114	25.483	981		0.03	0.0107
115	25.713	8431		0.27	0.0915
116	25.860	268867		8.76	2.9190
117	26.072	583628	Decachlorobiphenyl	19.01	6.3363
118	26.543	2033		0.07	0.0221
119	26.799	17052		0.56	0.1851
120	27.313	75529		2.46	0.8200
121	27.644	45864		1.49	0.4979
122	27.961	7368		0.24	0.0800
123	28.214	3418		0.11	0.0371
124	28.504	10247		0.33	0.1112
125	28.699	1553		0.05	0.0169
126	28.891	1571		0.05	0.0171
127	29.128	3120		0.10	0.0339
128	29.348	3634		0.12	0.0395
129	29.739	1603		0.05	0.0174
130	29.964	1134		0.04	0.0123
131	30.519	3414		0.11	0.0371
132	30.830	8231		0.27	0.0894
133	31.646	2846		0.09	0.0309
134	31.929	2287		0.07	0.0248
22372171				11651.85	3883.9514

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
51	13.999	210219	AR1248-4	223.19	74.3980
31	10.682	107745	AR1248-1	86.88	28.9586
37	11.822	85433	AR1248-2	107.36	35.7856
44	12.706	91890	AR1248-3	83.45	27.8165
495286				500.88	166.9587

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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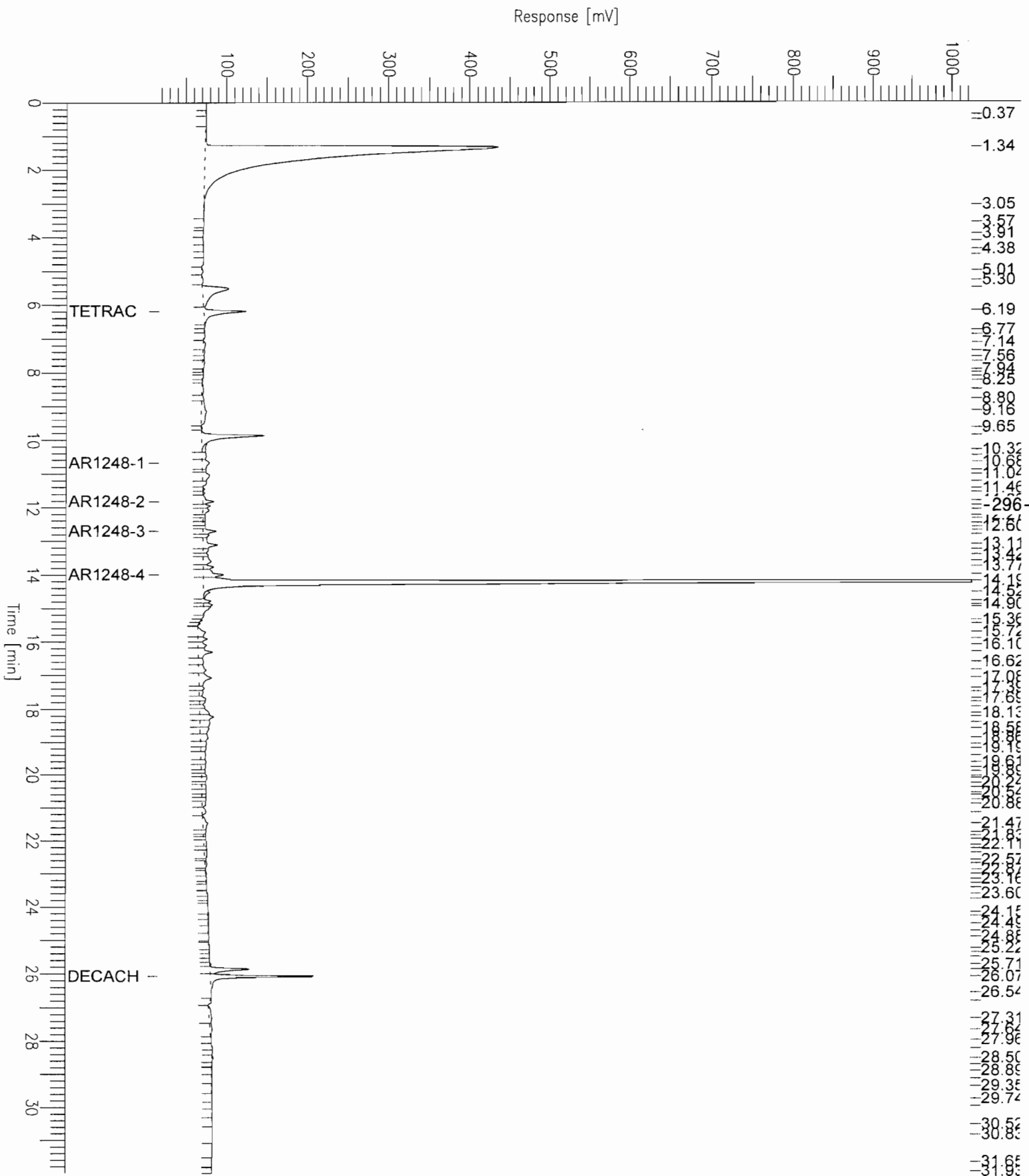
Report stored in ASCII file: C:\DATA65\IC05021.TX0

Chromatogram - ECD#1

Sample Name : u0511380-015a
 FileName : C:\DATA65\Ic05021.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 17 mV

Sample #: 21
 Date : 12/9/05 12:46 PM
 Time of Injection: 12/6/05 06:09 AM
 Low Point : 16.98 mV
 High Point : 1024.00 mV
 Plot Scale: 1007.0 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-116 2'

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-016A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 3.5

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

6:34 PM

GPC Cleanup: No

pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		3400	U
11104-28-2	Aroclor 1221		3400	U
11141-16-5	Aroclor 1232		3400	U
53469-21-9	Aroclor 1242		3400	U
12672-29-6	Aroclor 1248		38507	
11097-69-1	Aroclor 1254		3400	U
11096-82-5	Aroclor 1260		3400	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SB-116 0-2'
Lab Order: U0511380 **Collection Date:** 11/22/2005 10:30:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-016 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	3.50	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 16 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-016a
Sample Number: 21
Operator : manager

Time : 12/9/05 11:00 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/21

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:09 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05021.RAW
Result File : C:\DATA65\HC05021.RST
Inst Method : PCB2CH from C:\DATA65\HC05021.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-299-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 100

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.804	5004765		562.30	1874.3332
2	2.898	227		0.03	0.0850
3	3.233	340		0.04	0.1273
4	4.104	1142		0.13	0.4278
5	4.407	6995		0.79	2.6195
6	4.965	2393		0.27	0.8961
7	5.297	5650		0.63	2.1160
8	5.520	2055		0.23	0.7697

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.769	3124		0.35	1.1701
10	5.968	225		0.03	0.0844
11	6.194	2150		0.24	0.8052
12	6.696	48963		5.50	18.3372
13	7.096	5908	Tetrachloro-m-xylene	0.66	2.2127
14	7.678	1527		0.17	0.5720
15	8.069	217		0.02	0.0814
16	8.377	2974		0.33	1.1139
17	8.761	15340		1.72	5.7449
18	8.851	19288		2.17	7.2236
19	9.322	1121		0.13	0.4199
20	9.705	294841		33.13	110.4207
21	9.811	138309		15.54	51.7982
22	10.042	38437		96.85	322.8187
23	10.349	163473		411.89	1372.9608
24	10.470	331620		835.55	2785.1783
25	10.775	14587		36.75	122.5082
26	10.977	1808		4.56	15.1861
27	11.264	110097		277.40	924.6716
28	11.673	1420171		3578.28	11927.6096
29	11.763	2651885		6681.73	22272.4312
30	12.201	401774		1012.32	3374.3900
31	12.268	742060		1869.71	6232.3520
32	12.417	253072		637.64	2125.4814
34	12.947	2687469		6771.39	22571.2859
35	13.101	1178084		2968.32	9894.3959
37	13.616	1517809		3797.67	12658.9157
38	13.793	1677857		4198.13	13993.7559
39	14.094	3372790		8438.98	28129.9312
40	14.474	35611		71.87	239.5534
41	14.639	87851		177.29	590.9724
42	14.754	111362		224.74	749.1323
43	14.939	213395		430.65	1435.5046
44	15.086	2949828		5953.03	19843.4345
	15.190	13563246	AR1248	8226.90	27423.0109
46	15.332	5062547		10216.70	34055.6547
48	15.995	3344345		9379.09	31263.6496
49	16.169	1367870		3836.14	12787.1420
50	16.455	283594		795.33	2651.0936
51	16.560	69983		196.27	654.2175
52	16.656	1000048		2804.60	9348.6652
53	16.978	1480169		4151.08	13836.9334
54	17.157	1127435		3161.85	10539.5009
55	17.338	2503483		7020.93	23403.0903
56	17.672	767032		2151.11	7170.3815
57	17.822	302654		848.78	2829.2737
58	18.013	157733		442.36	1474.5252
59	18.152	80730		226.40	754.6830
60	18.339	247087		692.95	2309.8222
61	18.536	1864183		5228.03	17426.7802
62	18.885	232619		652.37	2174.5726
63	19.092	357763		1003.33	3344.4446
64	19.344	6600		18.51	61.6991
65	19.469	1638683		4595.63	15318.7580
66	19.721	46767		131.16	437.1918
67	19.873	39204		109.95	366.4893
68	20.087	285274		800.04	2666.8007
69	20.377	550		1.54	5.1424
70	20.483	35768		100.31	334.3660
71	20.691	19407		54.43	181.4180
72	20.894	14341		40.22	134.0620
73	21.087	100046		280.57	935.2494
74	21.247	37897		106.28	354.2738
75	21.358	27894		78.23	260.7593
76	21.591	19593		54.95	183.1579
77	21.747	16181		45.38	151.2624
78	21.979	1403		0.08	0.2774
79	22.165	59617		3.54	11.7928
80	22.295	18755		1.11	3.7100
81	22.469	114502		6.79	22.6495
82	22.698	5770		0.34	1.1415
83	23.475	46866		2.78	9.2706
84	23.544	29046		1.72	5.7455
85	23.636	10409		0.62	2.0589
86	23.802	32240		1.91	6.3774
87	24.559	6327		0.38	1.2515
88	24.889	18772		1.11	3.7133
89	25.366	40831		2.42	8.0766
90	25.680	47012		2.79	9.2993
91	25.921	8269		0.49	1.6358

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	26.301	482555		28.64	95.4537
93	26.770	34203		2.03	6.7657
94	27.376	32396		1.92	6.4081
95	27.711	23248	Decachlorobiphenyl	1.38	4.5987
96	28.983	446		0.03	0.0883
97	29.353	7555		0.45	1.4944
98	29.833	2091		0.12	0.4136
99	30.142	744		0.04	0.1473
100	30.647	4416		0.26	0.8736
		62646796		116611.54	3.8871e+05

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	15.813	3355220	AR1248-4	9409.59	31365.3139
33	12.776	2625257	AR1248-1	6614.64	22048.7911
36	13.458	3181180	AR1248-2	7959.56	26531.8589
45	15.190	4401589	AR1248-3	8882.82	29609.4011
		13563246		32866.61	1.0956e+05

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

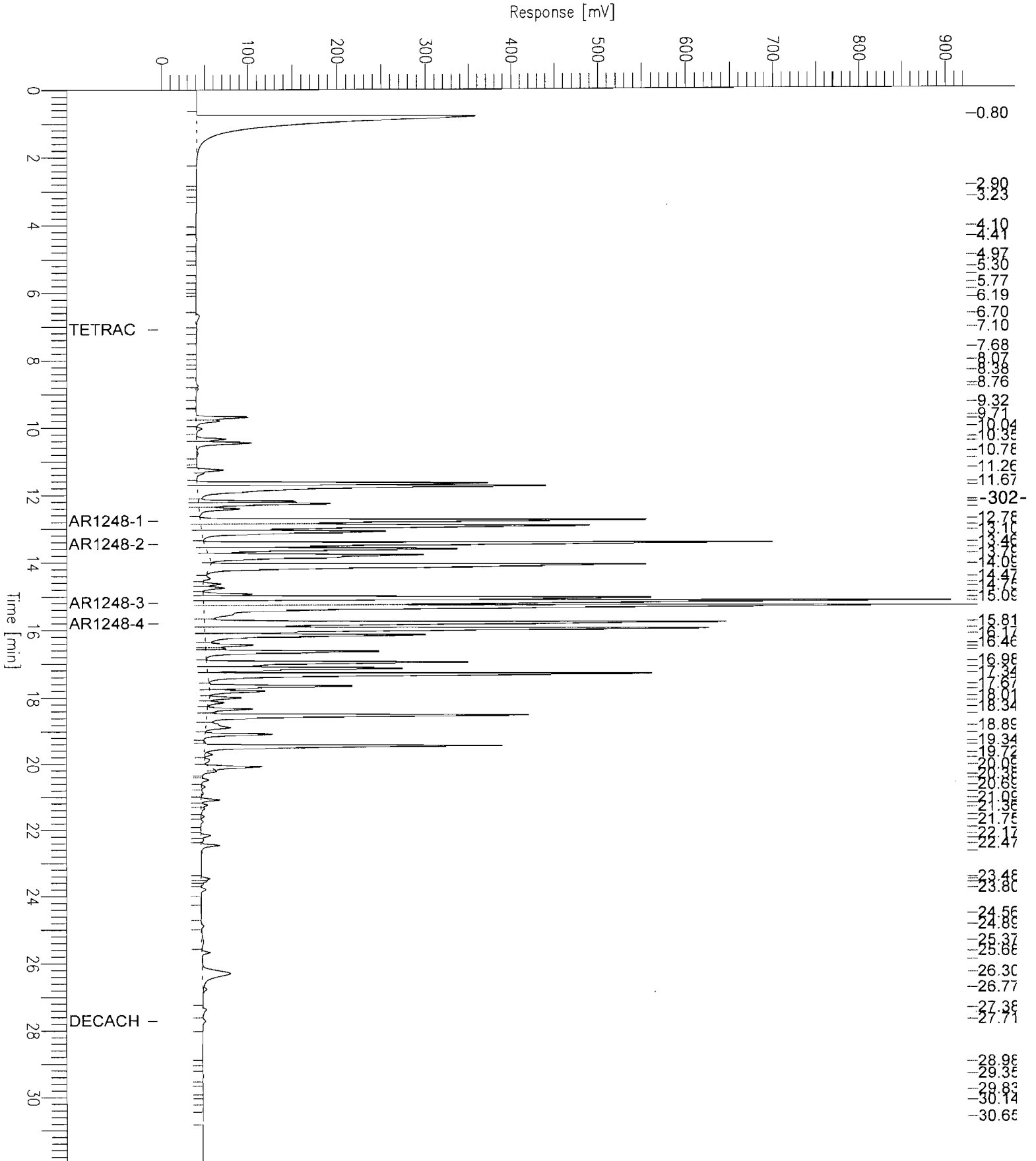
Report stored in ASCII file: C:\DATA65\HC05021.TX0

Chromatogram - ECD#1

Sample Name : u0511380-016a
 FileName : C:\DATA65\Hc05021.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -4 mV

Sample #: 21
 Date : 12/9/05 11:00 AM
 Time of Injection: 12/6/05 06:09 AM
 Low Point : -4.39 mV
 High Point : 923.64 mV
 Plot Scale: 928.0 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-016a

Time : 12/9/05 12:46 PM

Sample Number: 22

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/21

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:45 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05022.RAW

Result File : C:\DATA65\IC05022.RST

Inst Method : PCB2CH from C:\DATA65\IC05022.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-303-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 126

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.539	1392		0.06	0.1912
2	1.336	10371592		427.37	1424.5604
3	3.553	860		0.04	0.1181
4	3.729	1901		0.08	0.2611
5	3.933	2932		0.12	0.4027
6	4.146	12033		0.50	1.6527
7	4.359	30315		1.25	4.1638
8	4.696	17361		0.72	2.3846

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.993	7621		0.31	1.0468
10	5.279	14025		0.58	1.9263
11	5.561	16048		0.66	2.2042
12	5.837	11902		0.49	1.6347
13	6.014	4233		0.17	0.5814
14	6.193	30753	Tetrachloro-m-xylene	1.27	4.2240
15	6.495	8420		0.35	1.1564
16	6.630	5857		0.24	0.8044
17	6.857	11435		0.47	1.5706
18	6.953	6490		0.27	0.8914
19	7.215	8855		0.36	1.2163
20	7.398	2073		0.09	0.2847
21	7.705	10941		0.45	1.5027
22	7.819	8588		0.35	1.1796
23	8.038	24286		1.00	3.3357
24	8.347	946		0.04	0.1299
25	8.547	34520		27.83	92.7799
26	8.934	4781		3.85	12.8494
27	9.021	3674		2.96	9.8753
28	9.158	958122		772.54	2575.1329
29	9.524	67356		54.31	181.0325
30	9.849	533068		429.82	1432.7219
31	9.949	521503		420.49	1401.6380
32	10.335	374913		302.29	1007.6495
34	11.107	1234969		995.76	3319.2122
35	11.260	390904		491.22	1637.3994
36	11.466	962638		1209.67	4032.2479
37	11.563	1241899		1560.60	5202.0025
39	11.954	3957964		4973.67	16578.9118
40	12.067	3687426		4633.71	15445.6978
41	12.572	5102		4.63	15.4440
	12.700	20837684	AR1248	5108.51	17028.3759
43	12.829	2855095		2592.85	8642.8402
44	13.097	6515438		5916.99	19723.2984
45	13.393	177324		188.27	627.5639
46	13.599	1687717		1791.89	5972.9596
47	13.764	3338132		3544.17	11813.9042
49	14.105	6917401		7344.36	24481.2136
50	14.368	1093463		1160.95	3869.8483
51	14.579	555482		589.77	1965.8926
52	14.776	1571286		1668.27	5560.9032
53	14.877	4485055		4761.89	15872.9524
54	15.217	74274		78.86	262.8628
55	15.514	317972		337.60	1125.3265
56	15.712	2110709		2240.99	7469.9609
57	15.916	2316414		2459.39	8197.9671
58	16.099	1622777		1722.94	5743.1312
59	16.303	4471862		4747.88	15826.2616
60	16.592	10906		11.58	38.5981
61	16.650	33261		35.31	117.7136
62	16.751	102349		108.67	362.2201
63	16.852	2012260		2136.46	7121.5438
64	17.077	2994119		3178.93	10596.4179
65	17.390	54469		57.83	192.7688
66	17.493	291626		309.63	1032.0870
67	17.688	502423		533.43	1778.1127
68	17.974	56414		59.90	199.6551
69	18.126	347542		368.99	1229.9776
70	18.229	2985856		3170.15	10567.1753
71	18.487	212822		225.96	753.1927
72	18.655	120351		127.78	425.9302
73	18.865	936226		994.01	3313.3770
74	19.030	50211		53.31	177.7010
75	19.184	186955		198.49	661.6491
76	19.347	53698		57.01	190.0408
77	19.500	7525		7.99	26.6321
78	19.704	55912		59.36	197.8763
79	19.874	3971		4.22	14.0545
80	20.034	202105		6.58	21.9421
81	20.142	93332		3.04	10.1328
82	20.377	42888		1.40	4.6562
83	20.626	101505		3.31	11.0202
84	20.763	22519		0.73	2.4449
85	20.897	17338		0.56	1.8824
86	21.007	214645		6.99	23.3035
87	21.215	3520		0.11	0.3822
88	21.378	3860		0.13	0.4191
89	21.468	6254		0.20	0.6790
90	21.832	511		0.02	0.0554
91	21.991	3766		0.12	0.4088

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.212	180690		5.89	19.6171
93	22.338	46204		1.50	5.0162
94	22.407	38835		1.26	4.2162
95	22.775	1448		0.05	0.1572
96	23.041	6049		0.20	0.6568
97	23.170	14807		0.48	1.6076
98	23.498	6897		0.22	0.7487
99	23.581	33248		1.08	3.6096
100	23.849	225		0.01	0.0244
101	23.980	1807		0.06	0.1962
102	24.158	115758		3.77	12.5675
103	24.469	2760		0.09	0.2996
104	24.702	10785		0.35	1.1709
105	24.957	3253		0.11	0.3532
106	25.228	41008		1.34	4.4521
107	25.457	7927		0.26	0.8606
108	25.721	11447		0.37	1.2428
109	25.874	33421		1.09	3.6284
110	26.073	51908	Decachlorobiphenyl	1.69	5.6356
111	26.383	15248		0.50	1.6554
112	26.782	17762		0.58	1.9284
113	27.110	2899		0.09	0.3147
114	27.363	3481		0.11	0.3779
115	27.528	10424		0.34	1.1317
116	27.869	4096		0.13	0.4447
117	28.203	4261		0.14	0.4626
118	28.498	6262		0.20	0.6798
119	28.689	6260		0.20	0.6796
120	28.932	2424		0.08	0.2631
121	29.168	4939		0.16	0.5363
122	29.332	2843		0.09	0.3087
123	29.970	1176		0.04	0.1277
124	30.094	570		0.02	0.0619
125	30.488	8574		0.28	0.9309
126	30.789	12301		0.40	1.3355
		97980918		74321.59	2.4774e+05

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	13.977	5300659	AR1248-4	5627.83	18759.4389
33	10.678	6119651	AR1248-1	4934.31	16447.7146
38	11.821	4196070	AR1248-2	5272.88	17576.2807
42	12.700	5221304	AR1248-3	4741.72	15805.7423
		20837684		20576.75	68589.1764

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\IC05022.TX0

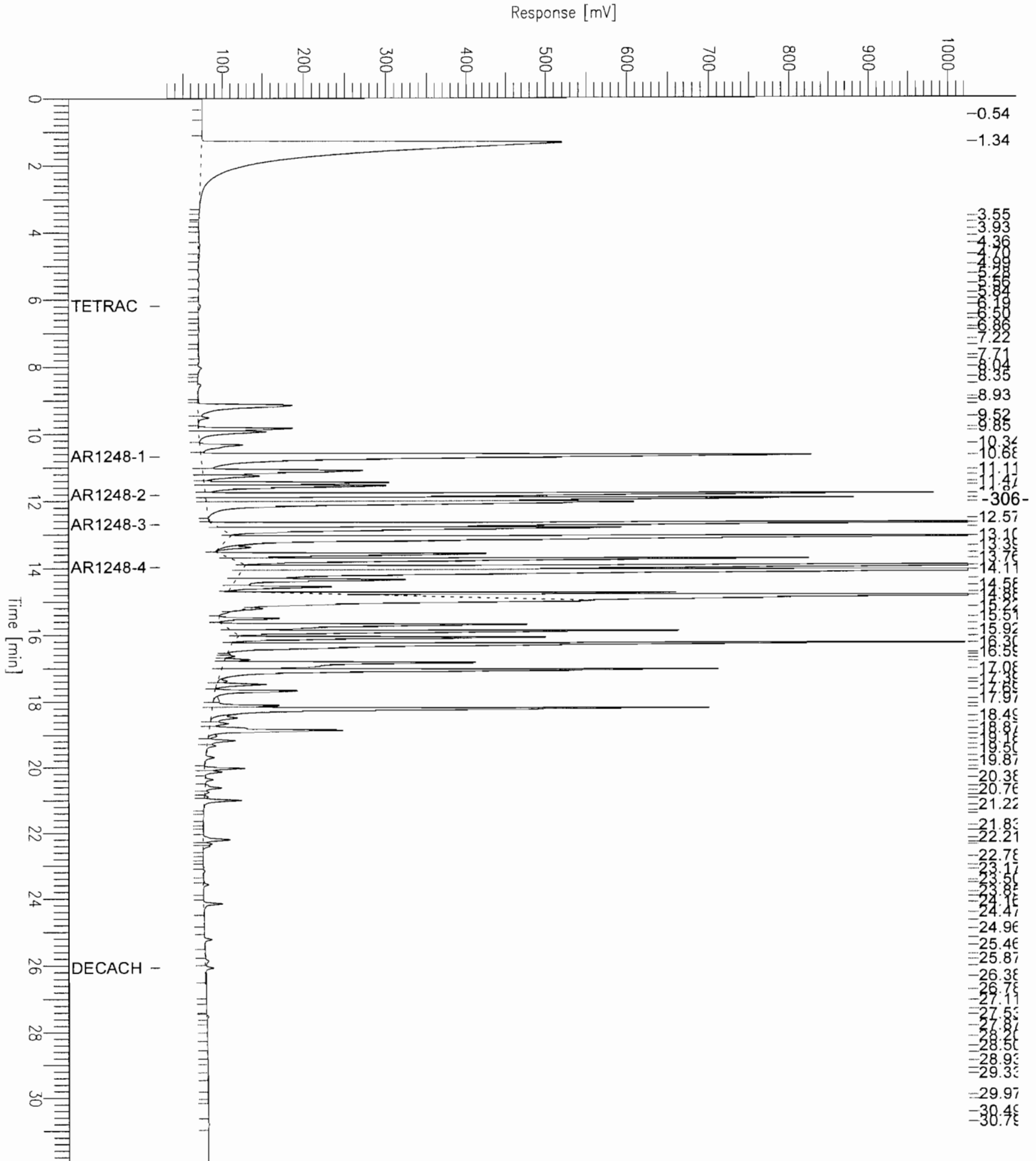
Chromatogram - ECD#1

Sample Name : u0511380-016a
FileName : C:\DATA65\Ic05022.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 21 mV

Sample #: 22
Date : 12/9/05 12:46 PM
Time of Injection: 12/6/05 06:45 AM
Low Point : 20.93 mV
Plot Scale: 1003.1 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : u0511380-016a

Time : 12/11/05 04:40 PM

Sample Number: 8

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/8

Interface Serial # : NONE Data Acquisition Time: 12/9/05 06:34 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09008.RAW

Result File : C:\DATA65\HC09008.RST

Inst Method : PCB2CH from C:\DATA65\HC09008.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 100.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-307-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 75

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.804	1630128		183.15	6104.9877
2	3.237	676		0.08	2.5304
3	4.405	397		0.04	1.4874
4	4.900	742		0.08	2.7775
5	6.175	5463		0.61	20.4610
6	6.688	4713		0.53	17.6496
7	7.096	318	Tetrachloro-m-xylene	0.04	1.1927
8	8.761	1346		0.15	5.0412

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.850	1427		0.16	5.3428
10	9.708	36111		4.06	135.2378
11	9.811	17392		1.95	65.1341
12	10.043	4961		12.50	416.6393
13	10.351	19280		48.58	1619.2749
14	10.471	36303		91.47	3048.9900
15	10.786	1339		3.37	112.4907
16	11.267	20796		52.40	1746.6365
17	11.678	184877		465.82	15527.3094
18	11.766	303140		763.80	25459.8785
19	12.203	51882		130.72	4357.4527
20	12.269	73693		185.68	6189.2455
21	12.419	31905		80.39	2679.6455
23	12.951	368176		927.66	30922.0478
24	13.104	139754		352.13	11737.5648
26	13.620	175260		438.51	14617.1088
27	13.797	183122		458.18	15272.8117
28	14.097	385187		963.77	32125.6094
29	14.476	4817		9.72	324.0692
30	14.642	9672		19.52	650.6347
31	14.756	14303		28.87	962.1703
32	14.942	22555		45.52	1517.2734
33	15.088	395509		798.17	26605.7943
	15.194	1843633	AR1248	1118.27	37275.7157
35	15.337	663468		1338.94	44631.3570
37	15.995	405817		1138.10	37936.6682
38	16.173	177617		498.12	16603.9885
39	16.457	34208		95.94	3197.8759
40	16.660	129801		364.02	12134.0546
41	16.980	155441		435.93	14530.9704
42	17.160	101807		285.51	9517.1462
43	17.341	277082		777.07	25902.1889
44	17.674	80449		225.62	7520.5115
45	17.830	38413		107.73	3590.9045
46	18.015	21557		60.46	2015.2327
47	18.156	8970		25.16	838.5253
48	18.342	44407		124.54	4151.2828
49	18.541	233931		656.05	21868.3509
50	18.887	32815		92.03	3067.6281
51	19.095	43276		121.36	4045.4925
52	19.474	156427		438.69	14623.1025
53	19.722	9009		25.27	842.2162
54	19.874	7450		20.89	696.4378
55	20.088	51558		144.59	4819.7613
56	20.484	5637		15.81	526.9521
57	20.693	2112		5.92	197.4237
58	20.900	1803		5.06	168.5421
59	21.090	10141		28.44	948.0347
60	21.250	3397		9.53	317.5146
61	21.363	1474		4.13	137.8051
62	21.592	1775		4.98	165.9277
63	21.750	1460		4.10	136.5220
64	22.181	11201		0.66	22.1568
65	22.471	12155		0.72	24.0431
66	23.480	2113		0.13	4.1788
67	23.804	3374		0.20	6.6748
68	24.564	408		0.02	0.8069
69	24.892	1914		0.11	3.7867
70	25.682	5376		0.32	10.6348
71	26.441	1705		0.10	3.3729
72	26.776	1801		0.11	3.5620
73	27.400	1484		0.09	2.9347
74	27.716	1733	Decachlorobiphenyl	0.10	3.4290
75	29.354	654		0.04	1.2941
		8714098		14242.48	4.7475e+05

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
36	15.817	415211	AR1248-4	1164.44	38814.8180
22	12.780	408960	AR1248-1	1030.42	34347.3544
25	13.462	427734	AR1248-2	1070.22	35674.0901
34	15.194	591729	AR1248-3	1194.16	39805.4768

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
		1843633		4459.25	1.4864e+05

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
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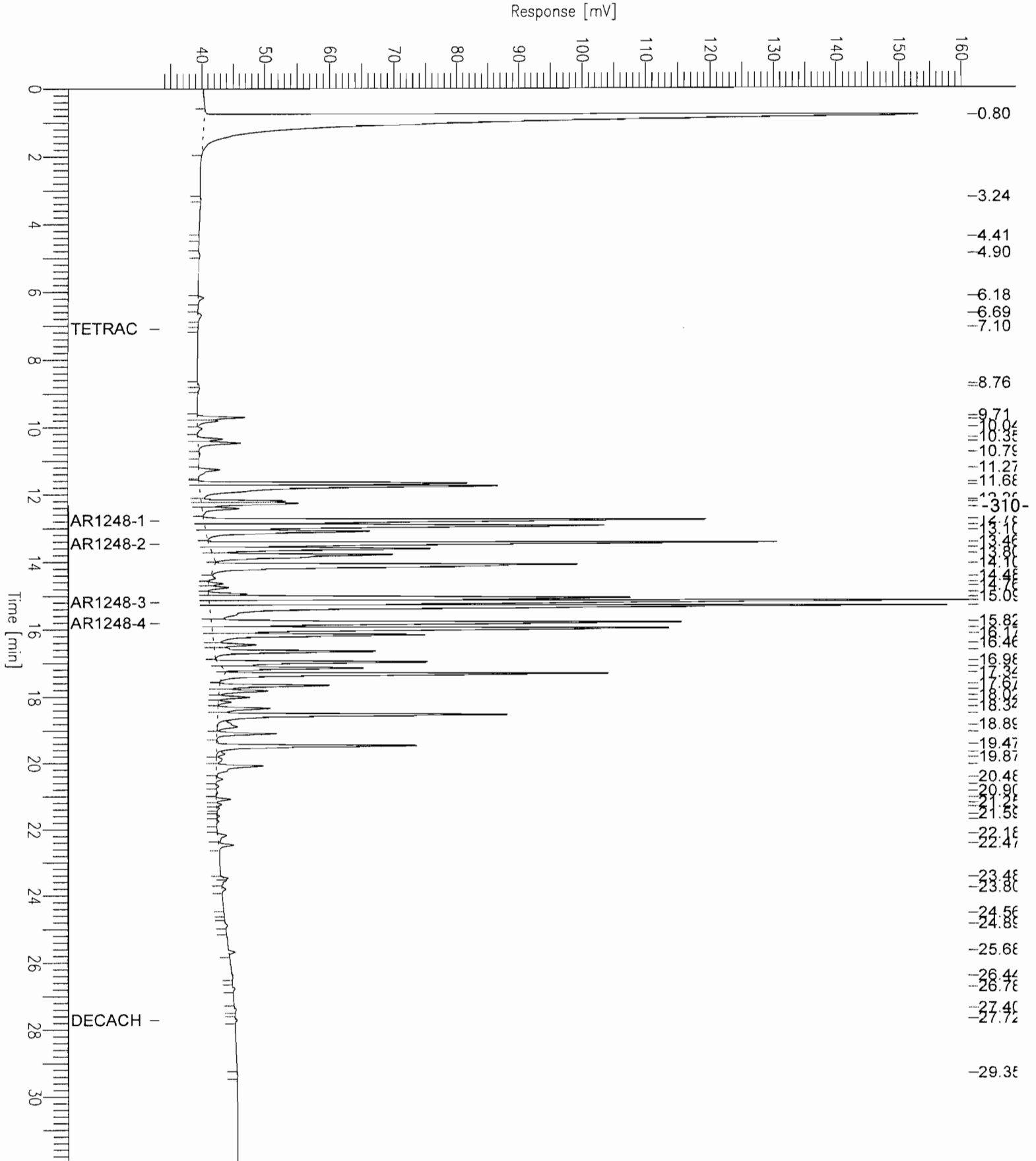
Report stored in ASCII file: C:\DATA65\HC09008.TX0

Chromatogram - ECD#1

Sample Name : u0511380-016a
 FileName : C:\DATA65\Hc09008.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset: 33 mV

Sample #: 8
 Date : 12/11/05 04:40 PM
 Time of Injection: 12/9/05 06:34 PM
 Low Point : 33.20 mV
 Plot Scale: 127.8 mV
 High Point : 160.98 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-016a
Sample Number: 9
Operator : manager

Time : 12/22/05 03:17 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/8

Interface Serial # : NONE Data Acquisition Time: 12/9/05 07:10 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09009.RAW
Result File : C:\DATA65\IC09009.RST
Inst Method : PCB2CH from C:\DATA65\IC09009.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-311-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 87

PCB REPORT

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HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.493	1189		0.05	1.6325
2	1.326	3137600		129.29	4309.5601
3	3.116	172		0.01	0.2357
4	3.745	576		0.02	0.7907
5	3.930	2243		0.09	3.0813
6	4.413	570		0.02	0.7826
7	4.695	620		0.03	0.8522
8	5.294	1140		0.05	1.5658

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.194	2843	Tetrachloro-m-xylene	0.12	3.9052
10	6.806	1006		0.04	1.3816
11	7.217	1439		0.06	1.9762
12	7.703	535		0.02	0.7352
13	7.818	647		0.03	0.8886
14	8.039	3139		0.13	4.3112
15	8.548	2876		2.32	77.3087
16	9.163	139185		112.23	3740.8495
17	9.524	9467		7.63	254.4452
18	9.851	71835		57.92	1930.6902
19	9.950	74591		60.14	2004.7671
20	10.340	45246		36.48	1216.0584
22	11.109	191132		154.11	5137.0340
23	11.264	61909		77.80	2593.2052
24	11.473	108847		136.78	4559.3075
25	11.567	192108		241.41	8046.9197
27	11.959	692129		869.75	28991.5250
28	12.072	623322		783.28	26109.3677
30	12.834	436532		396.44	13214.5295
31	13.114	1066258		968.32	32277.3714
32	13.396	25478		27.05	901.6730
33	13.603	226201		240.16	8005.4177
34	13.774	459936		488.32	16277.4918
	13.998	3502850	AR1248	858.75	28624.9890
36	14.137	1441133		1530.08	51002.8151
37	14.371	183158		194.46	6482.0916
38	14.583	79854		84.78	2826.1082
39	14.782	369592		392.40	13080.1406
40	14.898	1588209		1686.24	56207.9320
41	15.213	26629		28.27	942.4038
42	15.514	40409		42.90	1430.0956
43	15.719	307676		326.67	10888.9042
44	15.920	321593		341.44	11381.4111
45	16.105	210652		223.65	7455.1227
46	16.309	672237		713.73	23790.9823
47	16.649	8622		9.15	305.1370
48	16.757	10104		10.73	357.5823
49	16.857	195748		207.83	6927.6877
50	16.956	82226		87.30	2910.0339
51	17.086	451740		479.62	15987.4276
52	17.385	16198		17.20	573.2555
53	17.495	42081		44.68	1489.2959
54	17.691	76372		81.09	2702.8502
55	18.129	40074		42.55	1418.2545
56	18.239	349844		371.44	12381.2310
57	18.487	28419		30.17	1005.7594
58	18.657	15940		16.92	564.1338
59	18.871	125777		133.54	4451.3479
60	19.184	16968		18.01	600.4953
61	19.350	1469		1.56	51.9897
62	19.563	338		0.36	11.9448
63	19.711	4859		5.16	171.9804
64	20.038	24178		0.79	26.2490
65	20.142	13762		0.45	14.9406
66	20.381	6401		0.21	6.9492
67	20.553	2004		0.07	2.1757
68	20.634	10467		0.34	11.3638
69	20.766	4546		0.15	4.9358
70	20.904	2168		0.07	2.3541
71	21.010	32307		1.05	35.0747
72	21.374	692		0.02	0.7514
73	21.467	4633		0.15	5.0298
74	21.988	489		0.02	0.5306
75	22.213	22728		0.74	24.6751
76	22.340	6342		0.21	6.8858
77	22.408	5575		0.18	6.0522
78	22.787	604		0.02	0.6554
79	23.048	668		0.02	0.7250
80	23.170	1213		0.04	1.3170
81	23.584	3980		0.13	4.3210
82	24.161	13841		0.45	15.0267
83	25.229	5222		0.17	5.6693
84	26.072	9354	Decachlorobiphenyl	0.30	10.1550
85	27.549	9038		0.29	9.8120
86	28.698	28610		0.93	31.0616
87	29.363	6989		0.23	7.5879
		18007345		12777.82	4.2593e+05

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
35	13.998	944570	AR1248-4	1002.87	33429.0557
21	10.685	881939	AR1248-1	711.11	23703.7837
26	11.827	752624	AR1248-2	945.77	31525.5382
29	12.710	923716	AR1248-3	838.87	27962.4058
		3502850		3498.62	1.1662e+05

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
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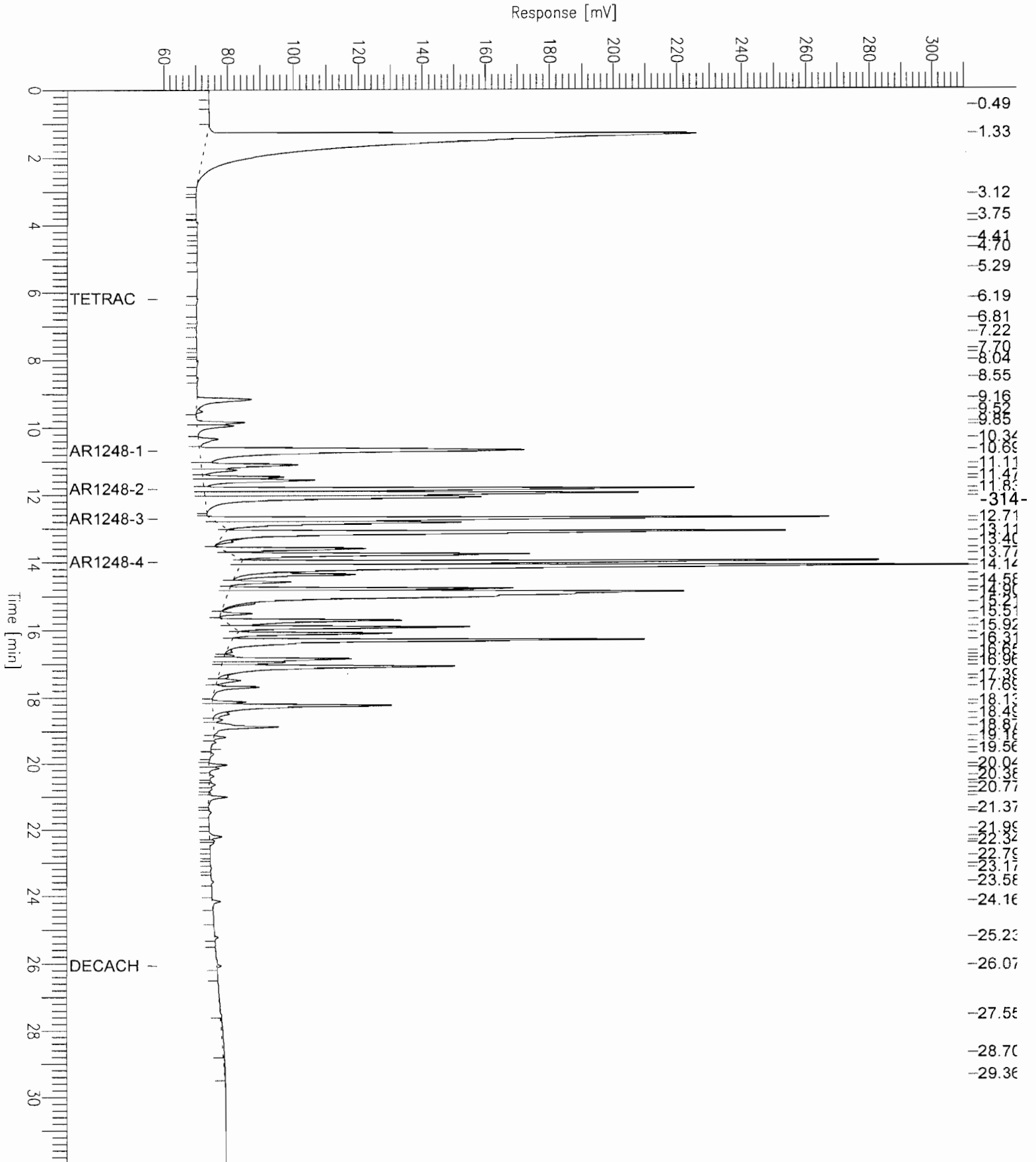
Report stored in ASCII file: C:\DATA65\IC09009.TX0

Chromatogram - ECD#1

Sample Name : u0511380-016a
 FileName : C:\DATA65\Ic09009.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 58 mV

Sample #: 9
 Date : 12/22/05 03:17 PM
 Time of Injection: 12/9/05 07:10 PM
 Low Point : 58.10 mV
 High Point : 311.19 mV
 Plot Scale: 253.1 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-117

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-017A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 17.89

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

7:10PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		400	U
11104-28-2	Aroclor 1221		400	U
11141-16-5	Aroclor 1232		400	U
53469-21-9	Aroclor 1242		400	U
12672-29-6	Aroclor 1248		756	
11097-69-1	Aroclor 1254		400	U
11096-82-5	Aroclor 1260		400	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-117
Lab Order: U0511380 **Collection Date:** 11/22/2005 11:30:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-017 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	17.9	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ **Page 17 of 30**

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>
Sample Name : u0511380-017a
Sample Number: 22
Operator : manager

Time : 12/9/05 11:00 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/22

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:45 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05022.RAW
Result File : C:\DATA65\HC05022.RST
Inst Method : PCB2CH from C:\DATA65\HC05022.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-317-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 118

PCB REPORT

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HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.809	10618007		1192.96	397.6547
2	2.389	640		0.07	0.0240
3	2.481	3110		0.35	0.1165
4	3.046	410		0.05	0.0153
5	3.169	3095		0.35	0.1159
6	3.650	2360		0.27	0.0884
7	3.979	790		0.09	0.0296
8	4.400	1861		0.21	0.0697

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.579	5387		0.61	0.2017
10	5.233	746		0.08	0.0279
11	5.439	494		0.06	0.0185
12	5.577	2402		0.27	0.0900
13	5.781	10150		1.14	0.3801
14	6.691	8672		0.97	0.3248
15	7.102	134241	Tetrachloro-m-xylene	15.08	5.0275
16	7.562	4638		0.52	0.1737
17	8.075	689		0.08	0.0258
18	8.254	1407		0.16	0.0527
19	8.376	970		0.11	0.0363
20	8.560	457		0.05	0.0171
21	8.783	11325		1.27	0.4241
22	9.190	563		0.06	0.0211
23	9.328	897		0.10	0.0336
24	9.705	5750		0.65	0.2154
25	9.806	2224		0.25	0.0833
26	10.025	796		2.01	0.6686
27	10.417	6675		16.82	5.6063
28	10.737	19691		49.61	16.5382
29	11.264	2737		6.90	2.2990
30	11.672	100022		252.02	84.0060
31	11.763	94762		238.76	79.5882
32	12.269	25387		63.97	21.3219
33	12.414	2109		5.31	1.7710
34	12.563	11839		29.83	9.9433
36	12.951	206201		519.55	173.1822
37	13.099	37648		94.86	31.6195
39	13.616	34327		85.89	28.6295
40	13.792	27431		68.63	22.8780
41	14.093	230246		576.09	192.0307
42	14.468	5437		10.97	3.6575
43	14.642	8095		16.34	5.4458
44	14.754	3988		8.05	2.6824
45	14.937	36241		73.14	24.3792
46	15.091	353387		713.17	237.7226
	15.192	1762086	AR1248	1068.81	356.2695
48	15.335	1333828		2691.79	897.2634
49	15.520	544164		1526.09	508.6963
51	15.992	725779		2035.42	678.4734
52	16.170	358498		1005.39	335.1313
53	16.444	38472		107.89	35.9640
54	16.658	92509		259.44	86.4797
55	17.051	817252		2291.95	763.9845
56	17.157	352522		988.63	329.5447
57	17.338	513345		1439.66	479.8855
58	17.664	93425		262.01	87.3360
59	17.811	197554		554.03	184.6777
60	18.012	74469		208.85	69.6155
61	18.153	34785		97.55	32.5178
62	18.340	125937		353.18	117.7282
63	18.537	975401		2735.48	911.8253
64	18.884	39814		111.66	37.2187
65	19.094	196288		550.48	183.4941
66	19.237	795		2.23	0.7435
67	19.341	1824		5.12	1.7052
68	19.470	911367		2555.90	851.9657
69	19.732	52449		147.09	49.0304
70	19.868	16230		45.52	15.1725
71	19.981	62669		175.75	58.5845
72	20.082	363954		1020.70	340.2319
73	20.250	51051		143.17	47.7240
74	20.368	23727		66.54	22.1804
75	20.482	36512		102.40	34.1320
76	20.570	56300		157.89	52.6302
77	20.690	11592		32.51	10.8364
78	20.765	8683		24.35	8.1169
79	20.909	10033		28.14	9.3795
80	21.088	106835		299.61	99.8713
81	21.243	50147		140.63	46.8782
82	21.357	14733		41.32	13.7727
83	21.500	42268		118.54	39.5129
84	21.589	19910		55.84	18.6124
85	21.732	62506		175.30	58.4322
86	21.889	7233		0.43	0.1431
87	21.978	23108		1.37	0.4571
88	22.166	51217		3.04	1.0131
89	22.293	9621		0.57	0.1903
90	22.470	88161		5.23	1.7439
91	22.622	6912		0.41	0.1367

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.995	595		0.04	0.0118
93	23.171	6122		0.36	0.1211
94	23.328	5824		0.35	0.1152
95	23.476	43807		2.60	0.8665
96	23.546	35174		2.09	0.6958
97	23.633	10277		0.61	0.2033
98	23.813	28805		1.71	0.5698
99	24.379	2908		0.17	0.0575
100	24.561	4814		0.29	0.0952
101	24.678	1020		0.06	0.0202
102	24.889	15120		0.90	0.2991
103	25.344	2453		0.15	0.0485
104	25.483	691		0.04	0.0137
105	25.681	32017		1.90	0.6333
106	25.811	4924		0.29	0.0974
107	25.918	2400		0.14	0.0475
108	26.281	3126		0.19	0.0618
109	26.771	24267		1.44	0.4800
110	27.376	103060		6.12	2.0386
111	27.715	280153	Decachlorobiphenyl	16.63	5.5417
112	28.157	6171		0.37	0.1221
113	28.944	1559		0.09	0.0308
114	29.363	1739		0.10	0.0344
115	29.833	2012		0.12	0.0398
116	30.574	2482		0.15	0.0491
117	30.985	6850		0.41	0.1355
118	31.379	12701		0.75	0.2512
		23035341		27723.66	9241.2215

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng	-319-
50	15.817	415679	AR1248-4	1165.76	388.5861	
35	12.779	196918	AR1248-1	496.16	165.3855	
38	13.460	95985	AR1248-2	240.16	80.0538	
47	15.192	1053504	AR1248-3	2126.07	708.6903	
		1762086		4028.15	1342.7157	

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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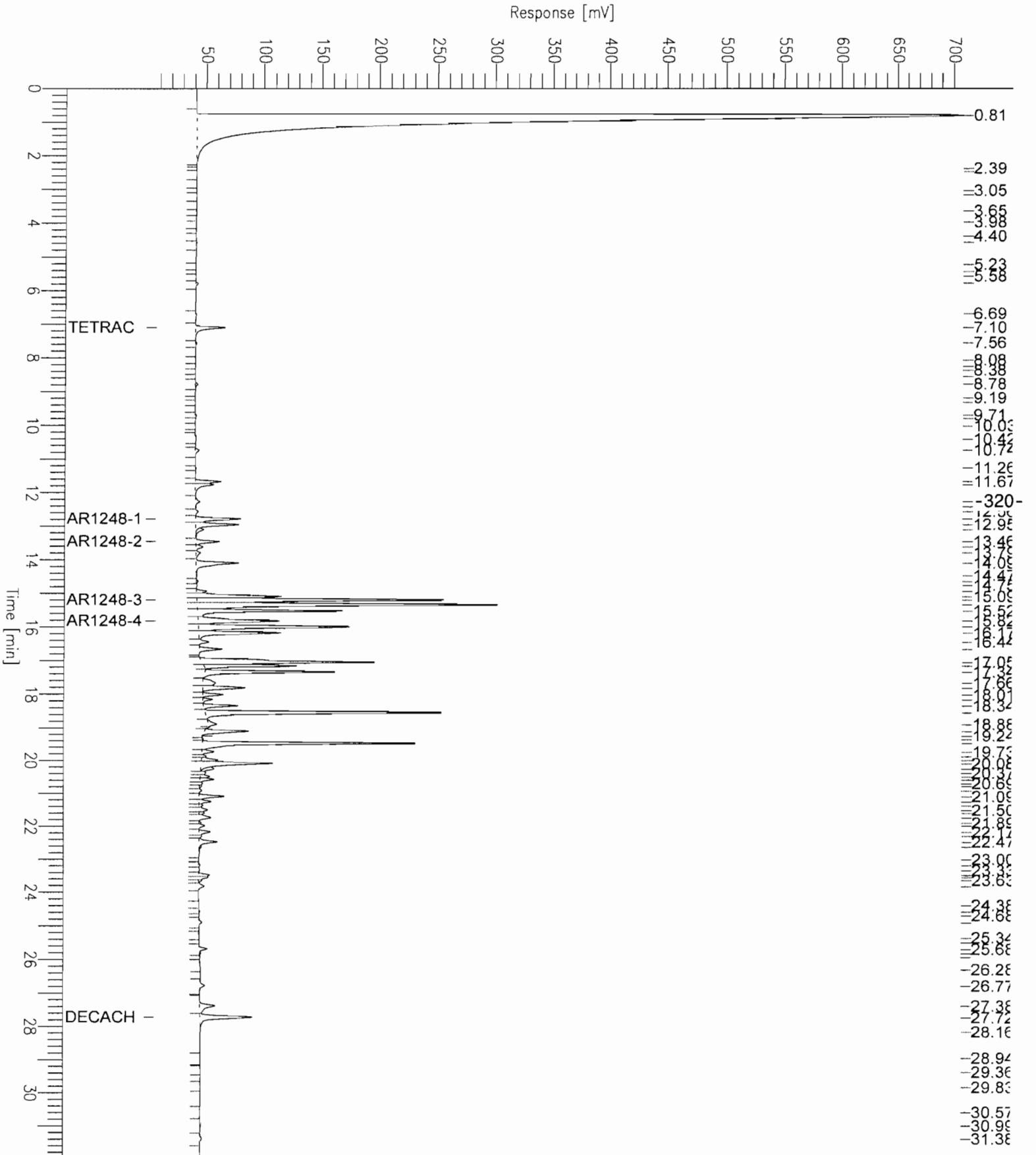
Report stored in ASCII file: C:\DATA65\HC05022.TX0

Chromatogram - ECD#1

Sample Name : u0511380-017a
 FileName : C:\DATA65\Hc05022.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 7 mV

Sample #: 22
 Date : 12/9/05 11:00 AM
 Time of Injection: 12/6/05 06:45 AM
 Low Point : 7.06 mV
 Plot Scale: 700.7 mV
 High Point : 707.72 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-017a

Time : 12/9/05 12:46 PM

Sample Number: 23

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/22

Interface Serial # : NONE Data Acquisition Time: 12/6/05 07:22 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05023.RAW

Result File : C:\DATA65\IC05023.RST

Inst Method : PCB2CH from C:\DATA65\IC05023.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-321-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 132

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.340	20910852		861.65	287.2150
2	3.048	2747		0.11	0.0377
3	3.567	7362		0.30	0.1011
4	3.919	3487		0.14	0.0479
5	4.114	3637		0.15	0.0500
6	4.353	5469		0.23	0.0751
7	4.470	26716		1.10	0.3670
8	5.011	9105		0.38	0.1251

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.232	9676		0.40	0.1329
10	5.493	15714		0.65	0.2158
11	5.856	12005		0.49	0.1649
12	6.191	371076	Tetrachloro-m-xylene	15.29	5.0968
13	6.779	383		0.02	0.0053
14	7.132	12444		0.51	0.1709
15	7.368	7499		0.31	0.1030
16	7.708	19626		0.81	0.2696
17	8.038	4452		0.18	0.0612
18	8.253	776		0.03	0.0107
19	8.363	695		0.03	0.0095
20	8.523	2200		1.77	0.5914
21	8.706	542		0.44	0.1458
22	9.037	3091		2.49	0.8307
23	9.155	17474		14.09	4.6964
24	9.355	2593		2.09	0.6969
25	9.671	5488		4.43	1.4751
26	9.866	16166		13.03	4.3449
27	9.945	8587		6.92	2.3080
28	10.337	20128		16.23	5.4098
30	11.040	26643		21.48	7.1608
31	11.115	62513		50.40	16.8015
32	11.466	32405		40.72	13.5737
33	11.564	20373		25.60	8.5338
35	11.959	535700		673.17	224.3911
36	12.583	1535		1.39	0.4646
38	12.833	51974		47.20	15.7332
39	12.894	84383		76.63	25.5440
40	13.115	455920		414.04	138.0144
41	13.399	12420		13.19	4.3954
42	13.643	73945		78.51	26.1696
43	13.769	522571		554.83	184.9420
	13.994	2562046	AR1248	628.10	209.3682
45	14.137	1956301		2077.05	692.3500
46	14.218	1306265		1386.89	462.2972
47	14.364	129102		137.07	45.6904
48	14.582	136144		144.55	48.1824
49	14.781	620476		658.77	219.5914
50	14.888	996405		1057.91	352.6355
51	14.963	948440		1006.98	335.6601
52	15.218	113799		120.82	40.2744
53	15.496	20301		21.55	7.1845
54	15.722	334727		355.39	118.4623
55	15.921	1653276		1755.32	585.1071
56	16.102	682889		725.04	241.6795
57	16.307	712158		756.11	252.0381
58	16.574	3324		3.53	1.1764
59	16.663	43821		46.53	15.5087
60	16.752	66859		70.99	23.6617
61	16.916	311583		330.82	110.2717
62	16.953	204087		216.68	72.2280
63	17.080	1714238		1820.05	606.6820
64	17.304	273348		290.22	96.7400
65	17.492	192832		204.73	68.2447
66	17.688	325429		345.52	115.1719
67	17.886	54313		57.67	19.2217
68	18.123	109724		116.50	38.8322
69	18.232	1641714		1743.05	581.0152
70	18.485	54868		58.25	19.4182
71	18.654	50038		53.13	17.7089
72	18.870	757095		803.83	267.9417
73	19.042	180444		191.58	63.8606
74	19.171	155555		165.16	55.0520
75	19.353	20117		21.36	7.1197
76	19.421	51169		54.33	18.1092
77	19.498	49474		52.53	17.5092
78	19.683	170340		180.85	60.2848
79	19.887	7098		7.54	2.5120
80	20.035	121408		3.95	1.3181
81	20.144	74098		2.41	0.8045
82	20.311	52209		1.70	0.5668
83	20.370	50495		1.64	0.5482
84	20.475	17020		0.55	0.1848
85	20.548	44364		1.44	0.4817
86	20.630	65291		2.13	0.7089
87	20.780	55813		1.82	0.6059
88	21.000	227288		7.40	2.4676
89	21.197	40440		1.32	0.4390
90	21.428	26910		0.88	0.2922
91	21.587	2661		0.09	0.0289

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.748	6105		0.20	0.0663
93	21.907	1046		0.03	0.0114
94	22.067	17738		0.58	0.1926
95	22.211	165453		5.39	1.7963
96	22.339	76028		2.48	0.8254
97	22.573	16491		0.54	0.1790
98	22.794	4516		0.15	0.0490
99	22.878	7068		0.23	0.0767
100	23.037	13547		0.44	0.1471
101	23.170	11303		0.37	0.1227
102	23.335	4464		0.15	0.0485
103	23.490	3413		0.11	0.0371
104	23.584	23623		0.77	0.2565
105	23.771	1404		0.05	0.0152
106	23.980	5371		0.17	0.0583
107	24.159	85362		2.78	0.9268
108	24.353	20671		0.67	0.2244
109	24.547	6023		0.20	0.0654
110	24.710	2246		0.07	0.0244
111	24.938	2830		0.09	0.0307
112	25.084	1284		0.04	0.0139
113	25.229	44512		1.45	0.4833
114	25.352	5705		0.19	0.0619
115	25.734	3834		0.12	0.0416
116	25.872	92680		3.02	1.0062
117	26.073	537151	Decachlorobiphenyl	17.50	5.8317
118	26.685	4399		0.14	0.0478
119	27.294	37963		1.24	0.4122
120	27.536	22780		0.74	0.2473
121	27.616	24859		0.81	0.2699
122	27.779	13364		0.44	0.1451
123	27.972	18222		0.59	0.1978
124	28.363	43057		1.40	0.4675
125	28.527	15256		0.50	0.1656
126	28.732	10271		0.33	0.1115
127	28.890	3560		0.12	0.0386
128	29.077	24684		0.80	0.2680
129	29.337	408		0.01	0.0044
130	30.150	9487		0.31	0.1030
131	30.855	10375		0.34	0.1126
132	31.613	11458		0.37	0.1244
		44178175		20679.09	6893.0285

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
44	13.994	1605970	AR1248-4	1705.10	568.3651
29	10.673	385530	AR1248-1	310.86	103.6185
34	11.825	343835	AR1248-2	432.07	144.0238
37	12.707	226711	AR1248-3	205.89	68.6291
		2562046		2653.91	884.6364

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

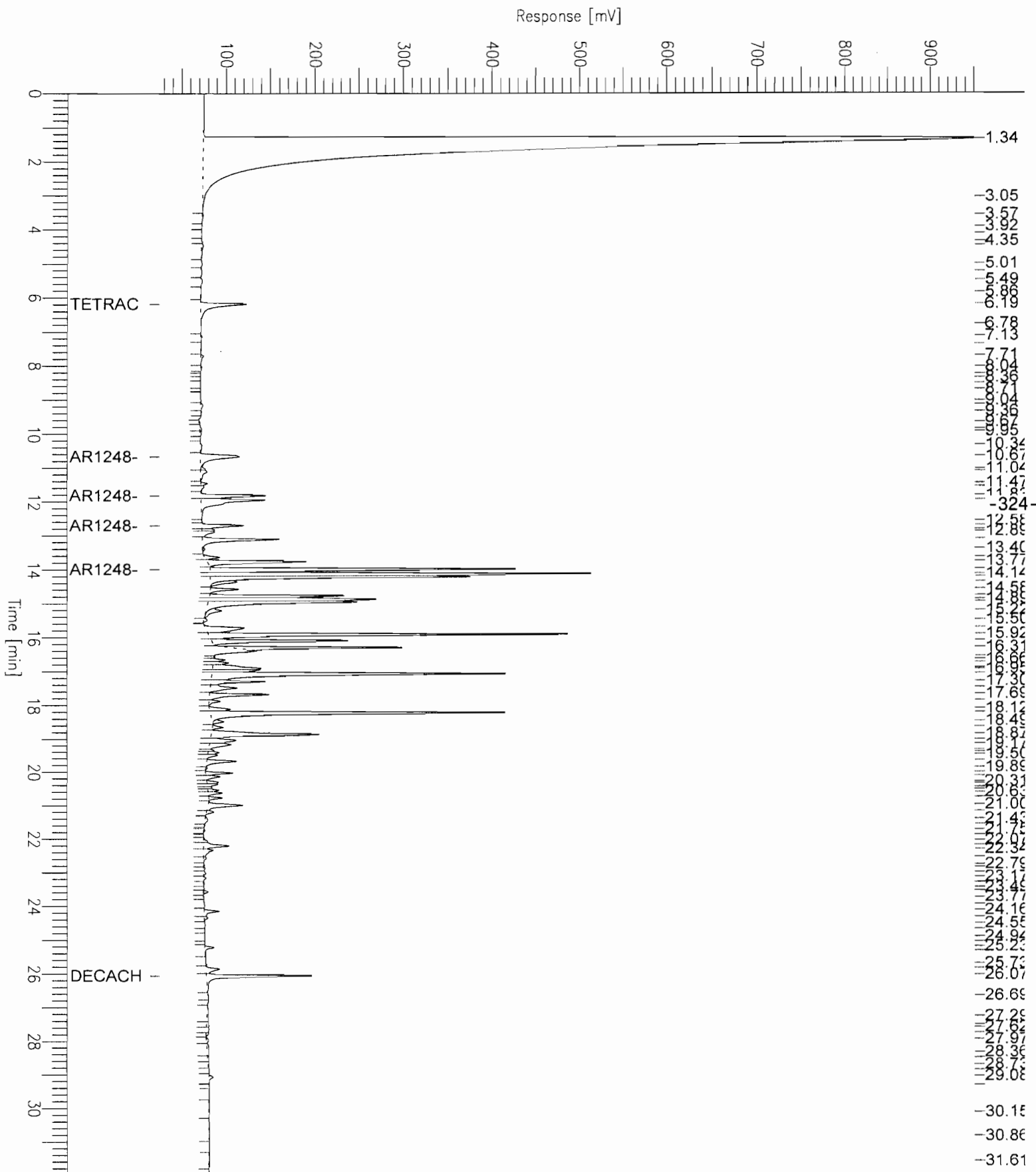
Report stored in ASCII file: C:\DATA65\IC05023.TX0

Chromatogram - ECD#1

Sample Name : u0511380-017a
 FileName : C:\DATA65\Ic05023.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 25 mV

Sample #: 23
 Date : 12/9/05 12:46 PM
 Time of Injection: 12/6/05 07:22 AM
 Low Point : 25.19 mV
 High Point : 950.84 mV
 Plot Scale: 925.7 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-017a

Time : 12/11/05 04:40 PM

Sample Number: 9

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/9

Interface Serial # : NONE Data Acquisition Time: 12/9/05 07:10 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09009.RAW

Result File : C:\DATA65\HC09009.RST

Inst Method : PCB2CH from C:\DATA65\HC09009.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-325-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 82

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	2189672		246.02	820.0535
2	3.224	818		0.09	0.3065
3	4.580	289		0.03	0.1084
4	4.898	521		0.06	0.1951
5	5.770	1847		0.21	0.6916
6	6.171	645		0.07	0.2415
7	6.690	473		0.05	0.1773
8	7.099	12070	Tetrachloro-m-xylene	1.36	4.5204

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.573	290		0.03	0.1085
10	8.785	1254		0.14	0.4698
11	9.707	424		0.05	0.1589
12	10.365	823		2.07	6.9124
13	10.763	332		0.84	2.7873
14	11.268	279		0.70	2.3406
15	11.673	10891		27.44	91.4725
16	11.764	9362		23.59	78.6292
17	12.271	2058		5.18	17.2808
18	12.566	1032		2.60	8.6682
20	12.952	23838		60.06	200.2072
21	13.099	3409		8.59	28.6294
23	13.617	3378		8.45	28.1737
24	13.793	2352		5.88	19.6157
25	14.093	22443		56.15	187.1811
26	14.644	528		1.07	3.5512
27	14.939	3940		7.95	26.5044
28	15.092	40192		81.11	270.3703
	15.195	206685	AR1248	125.37	417.8877
30	15.337	146440		295.53	985.0974
31	15.523	19432		54.50	181.6522
33	15.989	79606		223.25	744.1734
34	16.171	43505		122.01	406.6932
35	16.446	6576		18.44	61.4783
36	16.659	12423		34.84	116.1340
37	17.050	64658		181.33	604.4350
38	17.158	35297		98.99	329.9640
39	17.338	52311		146.70	489.0123
40	17.666	9763		27.38	91.2712
41	17.814	20251		56.79	189.3076
42	18.013	8582		24.07	80.2292
43	18.157	3728		10.45	34.8475
44	18.343	23460		65.79	219.3130
45	18.541	123027		345.02	1150.0821
46	18.887	18065		50.66	168.8751
47	19.094	24373		68.35	227.8435
48	19.345	235		0.66	2.1923
49	19.474	85635		240.16	800.5375
50	19.735	5277		14.80	49.3342
51	19.869	1571		4.41	14.6834
52	19.988	5906		16.56	55.2128
53	20.083	36557		102.52	341.7418
54	20.255	5169		14.50	48.3194
55	20.368	2052		5.76	19.1838
56	20.481	3612		10.13	33.7671
57	20.571	5189		14.55	48.5042
58	20.690	215		0.60	2.0092
59	20.914	891		2.50	8.3272
60	21.090	11542		32.37	107.8957
61	21.243	5872		16.47	54.8948
62	21.361	1508		4.23	14.0960
63	21.502	4969		13.94	46.4505
64	21.590	2221		6.23	20.7610
65	21.734	7408		20.78	69.2525
66	21.892	802		0.05	0.1586
67	21.982	2660		0.16	0.5261
68	22.180	5849		0.35	1.1570
69	22.471	7305		0.43	1.4450
70	23.176	653		0.04	0.1292
71	23.343	666		0.04	0.1318
72	23.477	4654		0.28	0.9207
73	23.544	4926		0.29	0.9744
74	23.816	2985		0.18	0.5905
75	24.572	532		0.03	0.1053
76	24.892	1428		0.08	0.2825
77	25.683	4047		0.24	0.8006
78	25.814	490		0.03	0.0969
79	26.776	2765		0.16	0.5470
80	27.396	8774		0.52	1.7356
81	27.714	27086	Decachlorobiphenyl	1.61	5.3578
82	31.380	1284		0.08	0.2539
		3494076		3015.01	10050.0286

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
32	15.818	46210	AR1248-4	129.60	431.9849
19	12.781	29829	AR1248-1	75.16	250.5240
22	13.460	10059	AR1248-2	25.17	83.8951
29	15.195	120586	AR1248-3	243.35	811.1816
		206685		473.28	1577.5856

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

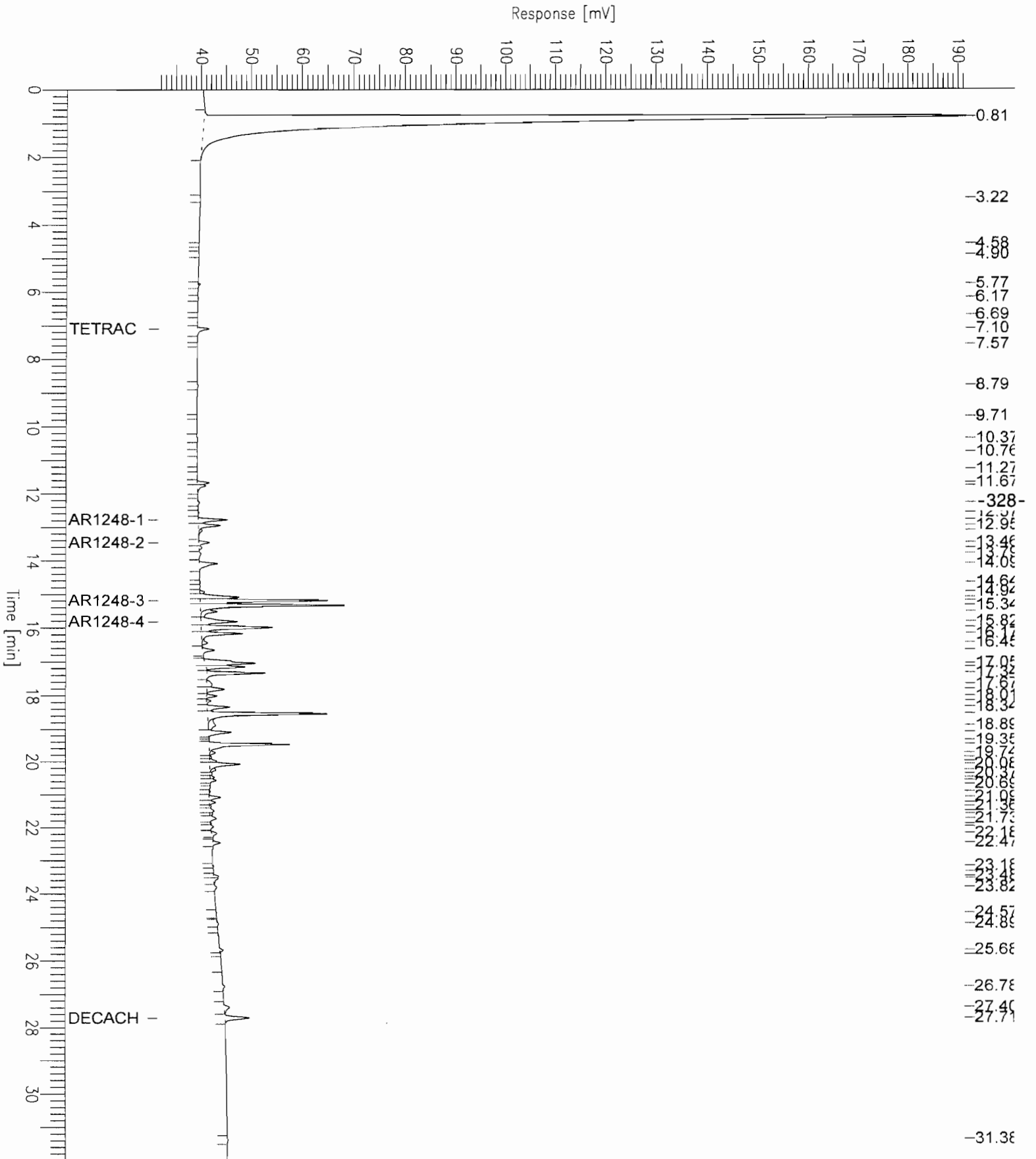
Report stored in ASCII file: C:\DATA65\HC09009.TX0

Chromatogram - ECD#1

Sample Name : u0511380-017a
FileName : C:\DATA65\Hc09009.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 32 mV

Sample #: 9
Date : 12/11/05 04:40 PM
Time of Injection: 12/9/05 07:10 PM
Low Point : 31.56 mV
Plot Scale: 159.9 mV
High Point : 191.49 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-017a
Sample Number: 10
Operator : manager

Time : 12/22/05 03:17 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/9

Interface Serial # : NONE Data Acquisition Time: 12/9/05 07:47 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09010.RAW
Result File : C:\DATA65\IC09010.RST
Inst Method : PCB2CH from C:\DATA65\IC09010.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 98

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.443	1498		0.06	0.2058
2	1.332	4240399		174.73	582.4279
3	3.574	1572		0.06	0.2159
4	3.743	1047		0.04	0.1438
5	3.928	4251		0.18	0.5839
6	4.095	2532		0.10	0.3477
7	4.344	788		0.03	0.1083
8	4.460	1544		0.06	0.2120

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.013	677		0.03	0.0930
10	5.524	1105		0.05	0.1517
11	6.187	41093	Tetrachloro-m-xylene	1.69	5.6443
12	6.802	1005		0.04	0.1380
13	7.127	1119		0.05	0.1537
14	7.364	974		0.04	0.1338
15	7.712	2170		0.09	0.2980
16	8.044	431		0.02	0.0593
17	9.019	174		0.14	0.4667
18	9.160	1962		1.58	5.2721
19	9.857	1585		1.28	4.2609
20	10.396	2014		1.62	5.4140
22	11.117	4146		3.34	11.1441
23	11.471	3208		4.03	13.4388
24	11.556	2228		2.80	9.3311
26	11.960	71042		89.27	297.5785
28	12.832	2490		2.26	7.5389
29	13.116	52895		48.04	160.1209
30	13.402	920		0.98	3.2561
31	13.644	10081		10.70	35.6763
32	13.774	71799		76.23	254.1007
	14.000	330468	AR1248	81.02	270.0558
34	14.143	364589		387.09	1290.3095
35	14.361	41669		44.24	147.4714
36	14.583	42516		45.14	150.4681
37	14.783	107728		114.38	381.2590
38	14.895	104419		110.86	369.5469
39	14.967	176849		187.76	625.8824
40	15.216	35211		37.38	124.6128
41	15.487	7117		7.56	25.1878
42	15.724	43288		45.96	153.2009
43	15.921	165778		176.01	586.7028
44	16.104	82414		87.50	291.6694
45	16.310	135087		143.43	478.0844
46	16.663	5619		5.97	19.8877
47	16.756	5469		5.81	19.3538
48	16.959	63221		67.12	223.7455
49	17.089	219461		233.01	776.6879
50	17.302	56696		60.20	200.6521
51	17.491	30776		32.68	108.9182
52	17.692	46926		49.82	166.0757
53	17.886	5962		6.33	21.1016
54	18.128	15039		15.97	53.2245
55	18.240	192152		204.01	680.0399
56	18.484	19235		20.42	68.0747
57	18.659	18318		19.45	64.8281
58	18.877	115374		122.49	408.3163
59	19.064	30923		32.83	109.4391
60	19.170	31869		33.84	112.7855
61	19.353	5898		6.26	20.8726
62	19.423	9278		9.85	32.8341
63	19.499	10433		11.08	36.9239
64	19.687	27098		28.77	95.9023
65	19.890	1003		1.06	3.5485
66	20.039	13571		0.44	1.4734
67	20.143	10891		0.35	1.1824
68	20.373	14149		0.46	1.5361
69	20.551	12082		0.39	1.3118
70	20.641	10179		0.33	1.1051
71	20.786	14166		0.46	1.5379
72	21.006	38448		1.25	4.1743
73	21.205	7876		0.26	0.8551
74	21.464	5644		0.18	0.6128
75	21.744	961		0.03	0.1043
76	22.213	23007		0.75	2.4979
77	22.340	10049		0.33	1.0910
78	22.575	3206		0.10	0.3481
79	22.882	2027		0.07	0.2201
80	23.044	2225		0.07	0.2415
81	23.172	1737		0.06	0.1886
82	23.340	897		0.03	0.0973
83	23.496	299		0.01	0.0325
84	23.592	2335		0.08	0.2535
85	23.979	405		0.01	0.0439
86	24.164	9837		0.32	1.0680
87	24.354	2975		0.10	0.3230
88	24.594	788		0.03	0.0855
89	24.761	342		0.01	0.0371
90	25.105	4008		0.13	0.4352
91	25.230	6308		0.21	0.6849

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.951	4622		0.15	0.5018
93	26.073	74281	Decachlorobiphenyl	2.42	8.0645
94	26.841	2589		0.08	0.2811
95	27.784	13012		0.42	1.4127
96	27.979	3510		0.11	0.3811
97	28.909	17210		0.56	1.8684
98	29.083	3342		0.11	0.3629
		7391612		2865.18	9550.5933

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
33	14.000	215870	AR1248-4	229.19	763.9792
21	10.672	44286	AR1248-1	35.71	119.0280
25	11.827	46584	AR1248-2	58.54	195.1285
27	12.707	23728	AR1248-3	21.55	71.8294
		330468		344.99	1149.9651

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

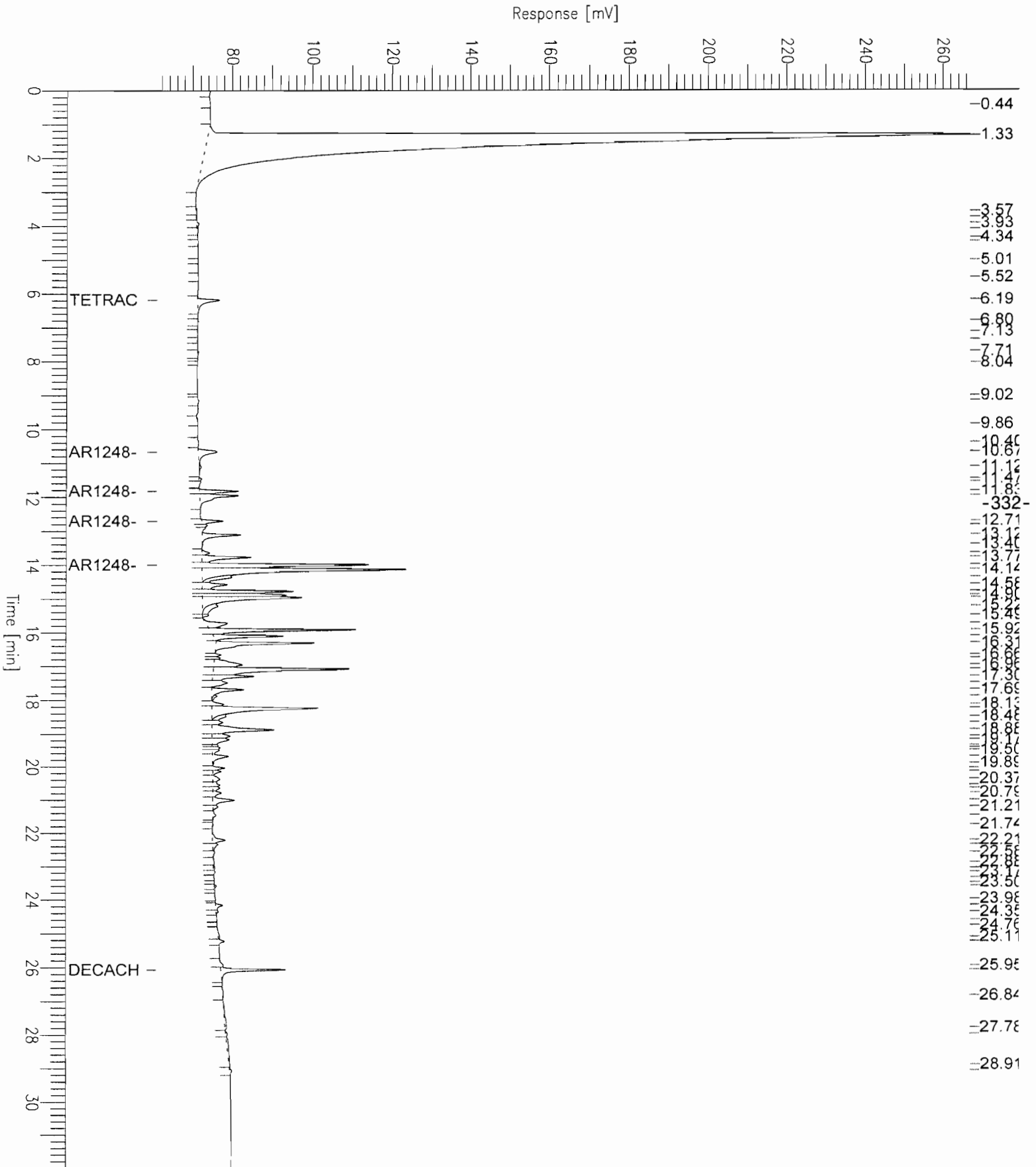
Report stored in ASCII file: C:\DATA65\IC09010.TX0

Chromatogram - ECD#1

Sample Name : u0511380-017a
FileName : C:\DATA65\Ic09010.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 61 mV

Sample #: 10
Date : 12/22/05 03:17 PM
Time of Injection: 12/9/05 07:47 PM
Low Point : 60.85 mV
High Point : 266.96 mV
Plot Scale: 206.1 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-118

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-018A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 21.15

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

7:47PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		420	U
11104-28-2	Aroclor 1221		420	U
11141-16-5	Aroclor 1232		420	U
53469-21-9	Aroclor 1242		420	U
12672-29-6	Aroclor 1248		1179	
11097-69-1	Aroclor 1254		420	U
11096-82-5	Aroclor 1260		420	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8
Lab Order: U0511380
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-018

Client Sample ID: SS-118
Collection Date: 11/22/2005 11:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: CC
Percent Moisture	21.1	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 18 of 30

- | | | |
|--------------------|--|---|
| Qualifiers: | <ul style="list-style-type: none"> * Low Level B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit | <ul style="list-style-type: none"> ** Value exceeds Maximum Contaminant Value E Value above quantitation range J Analyte detected below quantitation limits S Spike Recovery outside accepted recovery limits |
|--------------------|--|---|

Software Version: 4.1<2F12>
Sample Name : u0511380-018a
Sample Number: 23
Operator : manager

Time : 12/9/05 11:00 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/23

Interface Serial # : NONE Data Acquisition Time: 12/6/05 07:22 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05023.RAW
Result File : C:\DATA65\HC05023.RST
Inst Method : PCB2CH from C:\DATA65\HC05023.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 119

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area {uV*sec}	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.817	3469529		389.81	129.9373
2	2.389	1378		0.15	0.0516
3	2.481	5612		0.63	0.2102
4	3.170	2436		0.27	0.0912
5	3.647	1380		0.16	0.0517
6	4.398	2160		0.24	0.0809
7	4.576	2950		0.33	0.1105
8	5.140	983		0.11	0.0368

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.234	2356		0.26	0.0883
10	5.448	1150		0.13	0.0431
11	5.576	3069		0.34	0.1149
12	6.692	48664		5.47	1.8225
13	7.099	119279	Tetrachloro-m-xylene	13.40	4.4671
14	7.561	7915		0.89	0.2964
15	7.856	404		0.05	0.0151
16	8.206	416		0.05	0.0156
17	8.372	673		0.08	0.0252
18	8.575	1136		0.13	0.0426
19	8.782	14972		1.68	0.5607
20	8.960	4126		0.46	0.1545
21	9.337	2155		0.24	0.0807
22	9.703	6148		0.69	0.2303
23	10.042	3117		7.85	2.6177
24	10.352	17811		44.88	14.9588
25	10.557	7764		19.56	6.5208
26	10.759	13212		33.29	11.0961
27	11.263	10792		27.19	9.0640
28	11.672	177158		446.37	148.7903
29	11.762	180028		453.60	151.2008
30	12.270	43386		109.32	36.4387
31	12.412	2583		6.51	2.1690
32	12.565	8334		21.00	6.9992
34	12.952	311954		786.01	262.0017
35	13.100	52444		132.14	44.0466
37	13.619	56805		142.13	47.3772
38	13.794	44923		112.40	37.4671
39	14.095	385839		965.40	321.7994
40	14.470	11474		23.16	7.7188
41	14.643	16061		32.41	10.8045
42	14.754	7543		15.22	5.0745
43	14.939	58833		118.73	39.5768
44	15.092	641241		1294.08	431.3613
	15.193	2606805	AR1248	1581.18	527.0600
46	15.336	2107119		4252.36	1417.4544
47	15.513	89393		250.70	83.5665
49	15.995	1190051		3337.46	1112.4853
50	16.171	525298		1473.18	491.0597
51	16.445	58846		165.03	55.0101
52	16.659	144826		406.16	135.3866
53	16.815	889		2.49	0.8310
54	17.053	2421608		6791.31	2263.7710
55	17.155	496876		1393.47	464.4900
56	17.338	763929		2142.41	714.1367
57	17.647	210639		590.73	196.9101
58	17.823	143719		403.05	134.3515
59	18.013	158215		443.71	147.9024
60	18.154	45561		127.77	42.5914
61	18.228	12759		35.78	11.9275
62	18.340	196450		550.94	183.6452
63	18.538	1406531		3944.57	1314.8550
64	18.885	189378		531.10	177.0342
65	18.980	93369		261.85	87.2837
66	19.095	373185		1046.58	348.8614
67	19.339	34199		95.91	31.9700
68	19.470	1375821		3858.44	1286.1467
69	19.734	89382		250.67	83.5566
70	19.869	31772		89.10	29.7010
71	19.983	112019		314.15	104.7177
72	20.076	720484		2020.57	673.5236
73	20.252	87021		244.05	81.3492
74	20.403	71347		200.09	66.6968
75	20.481	75416		211.50	70.5004
76	20.569	91380		256.27	85.4244
77	20.691	24165		67.77	22.5900
78	20.762	21554		60.45	20.1492
79	20.910	15091		42.32	14.1071
80	21.087	193653		543.09	181.0311
81	21.243	98033		274.93	91.6432
82	21.356	19858		55.69	18.5637
83	21.498	69042		193.63	64.5424
84	21.590	37145		104.17	34.7235
85	21.731	111567		312.89	104.2952
86	21.885	10242		0.61	0.2026
87	21.980	42051		2.50	0.8318
88	22.165	72409		4.30	1.4323
89	22.292	13096		0.78	0.2590
90	22.470	150301		8.92	2.9731
91	22.623	24225		1.44	0.4792

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.883	4717		0.28	0.0933
93	23.172	7146		0.42	0.1413
94	23.337	8330		0.49	0.1648
95	23.476	58704		3.48	1.1612
96	23.546	35418		2.10	0.7006
97	23.813	32487		1.93	0.6426
98	24.043	2845		0.17	0.0563
99	24.385	2302		0.14	0.0455
100	24.560	8778		0.52	0.1736
101	24.683	1346		0.08	0.0266
102	24.890	26949		1.60	0.5331
103	25.094	2532		0.15	0.0501
104	25.369	12873		0.76	0.2546
105	25.681	55428		3.29	1.0964
106	25.812	7979		0.47	0.1578
107	25.920	9002		0.53	0.1781
108	26.305	172788		10.25	3.4179
109	26.773	45241		2.68	0.8949
110	27.373	121847		7.23	2.4102
111	27.715	258563	Decachlorobiphenyl	15.34	5.1146
112	28.142	6124		0.36	0.1211
113	29.240	5562		0.33	0.1100
114	29.356	2348		0.14	0.0464
115	29.840	4479		0.27	0.0886
116	30.129	430		0.03	0.0085
117	30.584	3007		0.18	0.0595
118	30.987	8572		0.51	0.1696
119	31.379	16465		0.98	0.3257
		23499176		44207.63	14735.8771

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	15.817	644456	AR1248-4	1807.35	602.4511
33	12.780	321627	AR1248-1	810.38	270.1251
36	13.461	141130	AR1248-2	353.12	117.7063
45	15.193	1499592	AR1248-3	3026.32	1008.7728
		2606805		5997.17	1999.0553

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

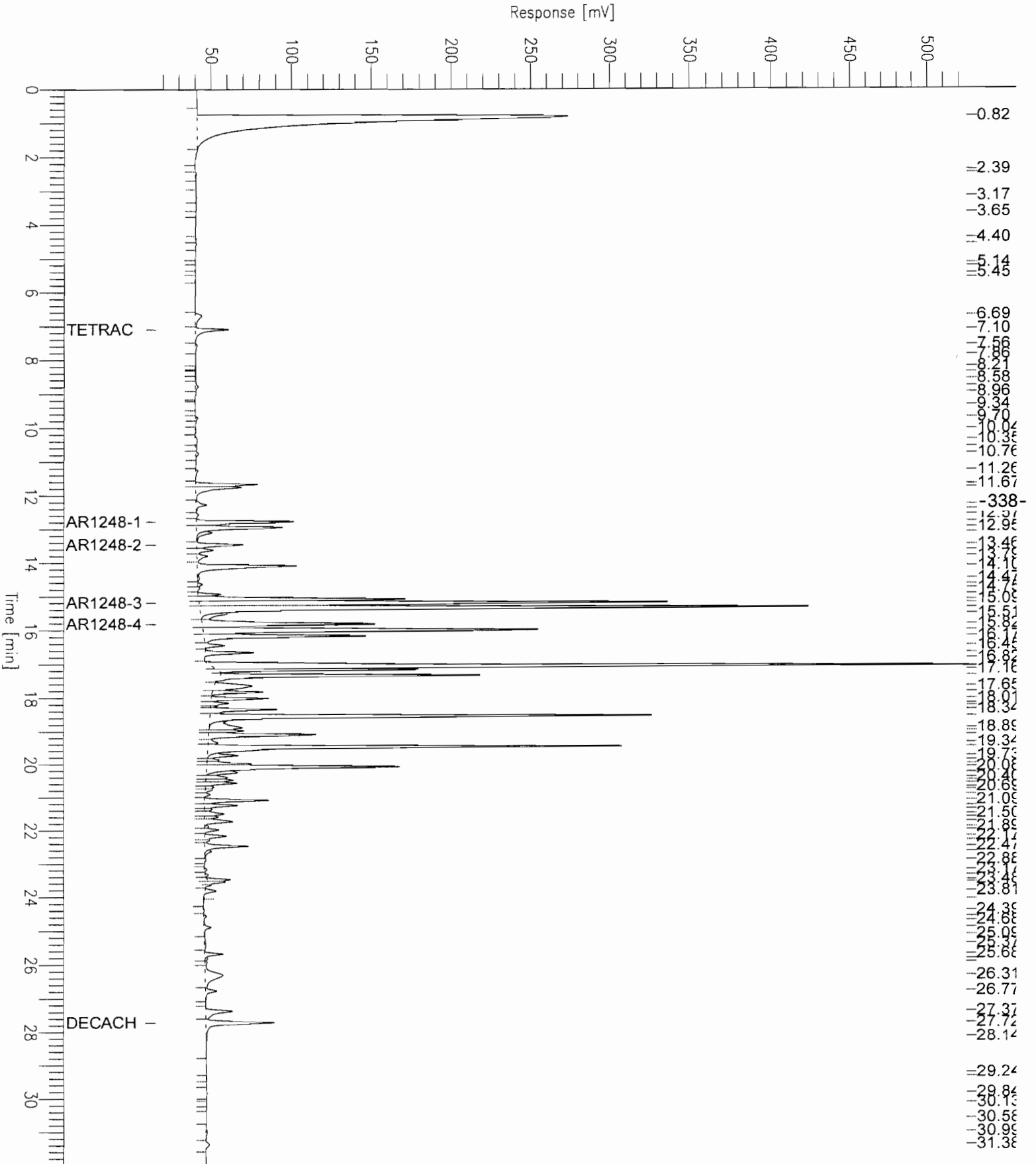
Report stored in ASCII file: C:\DATA65\HC05023.TX0

Chromatogram - ECD#1

Sample Name : u0511380-018a
 FileName : C:\DATA65\Hc05023.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 16 mV

Sample #: 23
 Date : 12/9/05 11:00 AM
 Time of Injection: 12/6/05 07:22 AM
 Low Point : 15.62 mV
 Plot Scale: 509.4 mV
 High Point : 524.99 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-018a
Sample Number: 24
Operator : manager

Time : 12/9/05 12:46 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/23

Interface Serial # : NONE Data Acquisition Time: 12/6/05 07:58 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05024.RAW
Result File : C:\DATA65\IC05024.RST
Inst Method : PCB2CH from C:\DATA65\IC05024.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 130

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.571	2855		0.12	0.0392
2	1.336	6988404		287.96	95.9872
3	2.803	7825		0.32	0.1075
4	3.048	1326		0.05	0.0182
5	3.210	1183		0.05	0.0162
6	3.563	13922		0.57	0.1912
7	3.908	5372		0.22	0.0738
8	4.126	9595		0.40	0.1318

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.351	16224		0.67	0.2228
10	4.460	56965		2.35	0.7824
11	5.010	11178		0.46	0.1535
12	5.226	2731		0.11	0.0375
13	5.558	7665		0.32	0.1053
14	5.845	6972		0.29	0.0958
15	5.971	2805		0.12	0.0385
16	6.188	358013	Tetrachloro-m-xylene	14.75	4.9174
17	6.895	3979		0.16	0.0547
18	7.133	17379		0.72	0.2387
19	7.368	12689		0.52	0.1743
20	7.702	22909		0.94	0.3147
21	8.033	6643		0.27	0.0912
22	8.148	5727		0.24	0.0787
23	8.239	4776		0.20	0.0656
24	8.358	5538		0.23	0.0761
25	8.512	19350		15.60	5.2007
26	9.019	63382		51.11	17.0352
27	9.154	79554		64.15	21.3818
28	9.343	67358		54.31	18.1037
29	9.659	3789		3.06	1.0184
30	9.851	24122		19.45	6.4833
31	10.008	53233		42.92	14.3074
32	10.334	76406		61.61	20.5356
34	11.119	164732		132.82	44.2749
35	11.464	73575		92.46	30.8187
36	11.562	42876		53.88	17.9597
38	11.956	896317		1126.33	375.4446
39	12.581	9500		8.63	2.8759
41	12.832	95947		87.13	29.0449
42	12.890	165131		149.96	49.9878
43	13.113	842570		765.18	255.0598
44	13.399	25355		26.92	8.9733
45	13.641	138835		147.40	49.1349
46	13.767	1076743		1143.20	381.0676
	13.992	4362646	AR1248	1069.53	356.5116
48	14.135	4096089		4348.91	1449.6372
49	14.366	197347		209.53	69.8425
50	14.581	224555		238.42	79.4718
51	14.780	1019519		1082.45	360.8155
52	14.884	1993535		2116.58	705.5273
53	14.960	1476861		1568.02	522.6724
54	15.218	174941		185.74	61.9128
55	15.508	36348		38.59	12.8637
56	15.721	577792		613.45	204.4849
57	15.908	4444466		4718.79	1572.9307
58	16.101	1152304		1223.43	407.8091
59	16.305	1146596		1217.37	405.7891
60	16.664	105732		112.26	37.4193
61	16.750	32663		34.68	11.5599
62	16.911	112584		119.53	39.8443
63	17.078	1998629		2121.99	707.3301
64	17.491	335080		355.76	118.5874
65	17.687	574211		609.65	203.2177
66	17.888	226936		240.94	80.3143
67	18.125	282253		299.67	99.8916
68	18.231	2758048		2928.28	976.0945
69	18.484	191144		202.94	67.6474
70	18.654	195948		208.04	69.3474
71	18.884	1741539		1849.03	616.3439
72	19.037	417123		442.87	147.6232
73	19.171	357923		380.02	126.6719
74	19.356	60348		64.07	21.3577
75	19.420	122796		130.38	43.4585
76	19.498	109169		115.91	38.6356
77	19.686	397657		422.20	140.7339
78	19.886	15028		15.96	5.3184
79	20.034	206894		6.74	2.2462
80	20.144	155108		5.05	1.6840
81	20.311	141740		4.62	1.5388
82	20.367	94678		3.08	1.0279
83	20.480	64388		2.10	0.6990
84	20.547	117471		3.83	1.2754
85	20.630	108808		3.54	1.1813
86	20.781	108028		3.52	1.1728
87	21.000	415279		13.53	4.5086
88	21.195	70338		2.29	0.7636
89	21.365	15475		0.50	0.1680
90	21.420	30317		0.99	0.3291
91	21.585	3775		0.12	0.0410

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.752	18051		0.59	0.1960
93	21.904	2130		0.07	0.0231
94	22.067	41835		1.36	0.4542
95	22.211	324748		10.58	3.5257
96	22.340	139582		4.55	1.5154
97	22.573	32827		1.07	0.3564
98	22.793	7041		0.23	0.0764
99	22.877	15594		0.51	0.1693
100	23.008	42387		1.38	0.4602
101	23.170	21673		0.71	0.2353
102	23.336	6511		0.21	0.0707
103	23.492	3750		0.12	0.0407
104	23.585	40655		1.32	0.4414
105	23.843	403		0.01	0.0044
106	23.978	3643		0.12	0.0396
107	24.160	145921		4.75	1.5842
108	24.354	30258		0.99	0.3285
109	24.553	5346		0.17	0.0580
110	24.700	3165		0.10	0.0344
111	24.921	1370		0.04	0.0149
112	25.229	80789		2.63	0.8771
113	25.570	599		0.02	0.0065
114	25.722	4954		0.16	0.0538
115	25.868	135071		4.40	1.4664
116	26.073	564833	Decachlorobiphenyl	18.40	6.1323
117	26.684	6915		0.23	0.0751
118	27.124	17072		0.56	0.1853
119	27.306	21012		0.68	0.2281
120	27.528	18468		0.60	0.2005
121	27.659	18056		0.59	0.1960
122	27.793	9935		0.32	0.1079
123	27.983	11971		0.39	0.1300
124	28.511	26333		0.86	0.2859
125	28.912	3300		0.11	0.0358
126	29.079	49178		1.60	0.5339
127	29.427	1262		0.04	0.0137
128	30.208	2278		0.07	0.0247
129	30.484	3580		0.12	0.0389
130	31.163	3120		0.10	0.0339
		45827174		33753.83	11251.2768

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	13.992	2521175	AR1248-4	2676.79	892.2631
33	10.671	837950	AR1248-1	675.64	225.2148
37	11.823	639281	AR1248-2	803.34	267.7785
40	12.707	364240	AR1248-3	330.78	110.2615
		4362646		4486.55	1495.5180

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

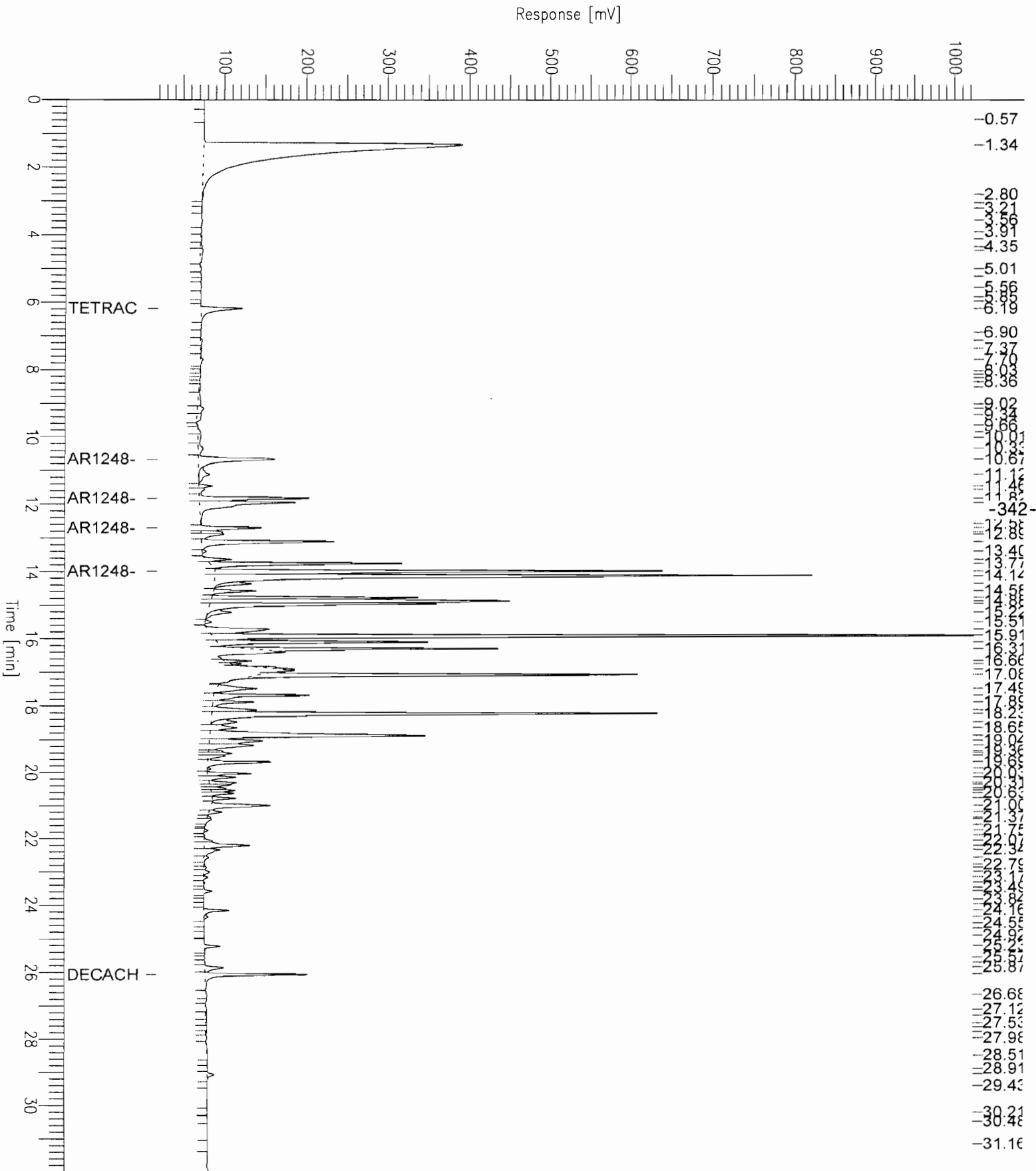
Report stored in ASCII file: C:\DATA65\IC05024.TX0

Chromatogram - ECD#1

Sample Name : u0511380-018a
FileName : C:\DATA65\Ic05024.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 19 mV

Sample #: 24
Date : 12/9/05 12:46 PM
Time of Injection: 12/6/05 07:58 AM
Low Point : 18.77 mV
Plot Scale: 1005.2 mV
Page 1 of 1
High Point : 1024.00 mV



Software Version: 4.1<2F12>

Sample Name : 0511380-018a

Time : 12/11/05 04:40 PM

Sample Number: 10

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/10

Interface Serial # : NONE Data Acquisition Time: 12/9/05 07:47 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09010.RAW

Result File : C:\DATA65\HC09010.RST

Inst Method : PCB2CH from C:\DATA65\HC09010.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-343-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 85

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	1385277		155.64	518.7997
2	2.484	264		0.03	0.0988
3	3.226	664		0.07	0.2488
4	4.897	532		0.06	0.1993
5	6.174	3761		0.42	1.4085
6	6.691	8137		0.91	3.0474
7	7.101	10531	Tetrachloro-m-xylene	1.18	3.9439
8	7.565	356		0.04	0.1333

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.789	3410		0.38	1.2769
10	9.704	762		0.09	0.2855
11	10.394	2445		6.16	20.5348
12	11.268	608		1.53	5.1081
13	11.673	20332		51.23	170.7609
14	11.765	17130		43.16	143.8697
15	12.271	3605		9.08	30.2806
16	12.567	887		2.23	7.4462
18	12.952	37149		93.60	312.0032
19	13.100	5548		13.98	46.5946
21	13.618	5689		14.24	47.4505
22	13.794	3966		9.92	33.0773
23	14.094	37535		93.92	313.0522
24	14.644	1359		2.74	9.1419
25	14.755	902		1.82	6.0686
26	14.939	6278		12.67	42.2341
27	15.092	75935		153.24	510.8123
	15.195	315715	AR1248	191.50	638.3315
29	15.338	247788		500.06	1666.8629
31	15.992	129199		362.33	1207.7821
32	16.172	64421		180.67	602.2218
33	16.447	9082		25.47	84.8998
34	16.658	19400		54.41	181.3548
35	17.052	158899		445.63	1485.4257
36	17.157	51748		145.13	483.7532
37	17.338	77971		218.67	728.8896
38	17.647	22155		62.13	207.1121
39	17.830	15257		42.79	142.6237
40	18.014	17545		49.21	164.0181
41	18.157	2797		7.84	26.1459
42	18.343	34503		96.76	322.5377
43	18.542	169854		476.35	1587.8284
44	18.884	23262		65.24	217.4573
45	18.979	7737		21.70	72.3276
46	19.096	40870		114.62	382.0640
47	19.339	3823		10.72	35.7425
48	19.473	127470		357.48	1191.6122
49	19.738	9774		27.41	91.3701
50	19.870	3248		9.11	30.3646
51	19.987	11585		32.49	108.2992
52	20.079	64685		181.41	604.6936
53	20.258	12788		35.86	119.5435
54	20.409	7978		22.37	74.5805
55	20.480	9721		27.26	90.8696
56	20.571	10335		28.98	96.6094
57	20.692	2583		7.24	24.1454
58	20.765	2929		8.21	27.3781
59	20.914	1754		4.92	16.3962
60	21.091	20454		57.36	191.2040
61	21.244	11355		31.85	106.1531
62	21.363	2064		5.79	19.2952
63	21.503	7898		22.15	73.8302
64	21.591	4052		11.36	37.8747
65	21.735	12824		35.96	119.8832
66	21.888	1067		0.06	0.2111
67	21.983	4540		0.27	0.8980
68	22.181	12330		0.73	2.4390
69	22.472	16164		0.96	3.1975
70	22.629	2632		0.16	0.5207
71	22.886	308		0.02	0.0610
72	23.178	828		0.05	0.1637
73	23.345	1012		0.06	0.2002
74	23.479	5975		0.35	1.1819
75	23.547	4130		0.25	0.8169
76	23.815	4343		0.26	0.8591
77	24.567	829		0.05	0.1639
78	24.892	2381		0.14	0.4709
79	25.683	8407		0.50	1.6630
80	25.815	1102		0.07	0.2180
81	26.420	14828		0.88	2.9332
82	26.774	4459		0.26	0.8821
83	27.395	12507		0.74	2.4741
84	27.715	25381	Decachlorobiphenyl	1.51	5.0207
85	31.384	1610		0.10	0.3184

-344-

3493417

4654.22

15514.0516

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
30	15.818	71165	AR1248-4	199.58	665.2684
17	12.781	52331	AR1248-1	131.85	439.5122
20	13.460	14800	AR1248-2	37.03	123.4374
28	15.195	177418	AR1248-3	358.05	1193.4894
		315715		726.51	2421.7075

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

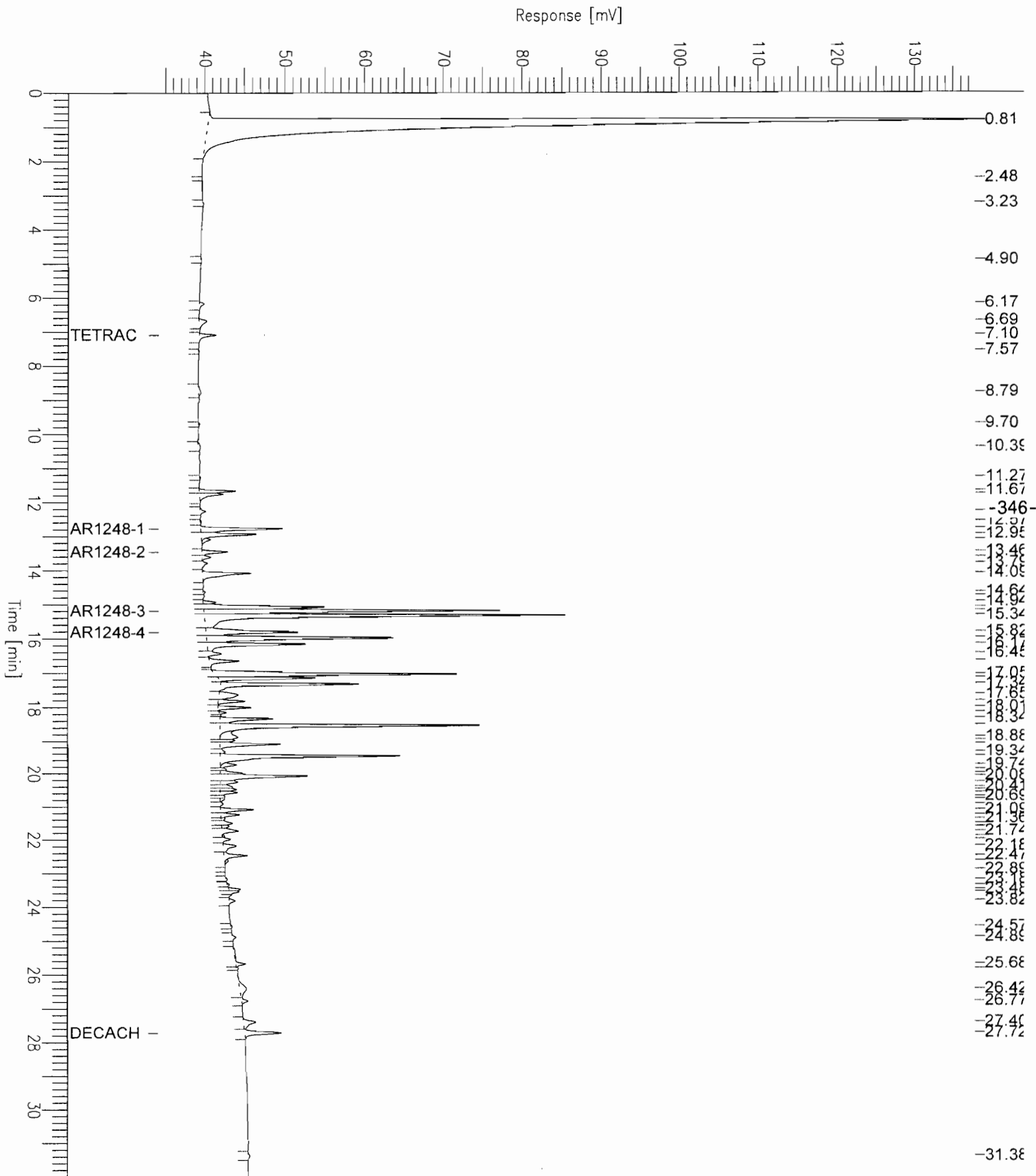
Report stored in ASCII file: C:\DATA65\HC09010.TX0

Chromatogram - ECD#1

Sample Name : 0511380-018a
FileName : C:\DATA65\Hc09010.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 34 mV

Sample #: 10
Date : 12/11/05 04:40 PM
Time of Injection: 12/9/05 07:47 PM
Low Point : 34.15 mV
Plot Scale: 103.6 mV
High Point : 137.76 mV



Software Version: 4.1<2F12>

Sample Name : 0511380-018a

Time : 12/22/05 03:17 PM

Sample Number: 11

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/10

Interface Serial # : NONE Data Acquisition Time: 12/9/05 08:23 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09011.RAW

Result File : C:\DATA65\IC09011.RST

Inst Method : PCB2CH from C:\DATA65\IC09011.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-347-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 99

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.518	11737		0.48	1.6121
2	1.332	2738379		112.84	376.1223
3	2.801	658		0.03	0.0904
4	3.113	219		0.01	0.0300
5	3.579	626		0.03	0.0860
6	3.930	3210		0.13	0.4409
7	4.102	1893		0.08	0.2600
8	4.362	427		0.02	0.0586

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.457	335		0.01	0.0460
10	5.013	1534		0.06	0.2107
11	5.267	950		0.04	0.1304
12	6.189	38268	Tetrachloro-m-xylene	1.58	5.2562
13	6.817	795		0.03	0.1092
14	7.148	573		0.02	0.0788
15	7.365	382		0.02	0.0524
16	7.704	1233		0.05	0.1693
17	8.040	328		0.01	0.0450
18	9.160	2420		1.95	6.5042
19	9.854	8180		6.60	21.9843
20	10.014	5317		4.29	14.2903
21	10.337	986		0.80	2.6506
23	11.125	15335		12.36	41.2166
24	11.470	6590		8.28	27.6038
25	11.563	2681		3.37	11.2297
27	11.961	112354		141.19	470.6230
29	12.832	3893		3.54	11.7860
30	13.117	89794		81.55	271.8208
31	13.405	1521		1.61	5.3823
32	13.644	14724		15.63	52.1092
33	13.775	131636		139.76	465.8705
	14.000	521972	AR1248	127.97	426.5506
35	14.143	550301		584.27	1947.5588
36	14.364	40060		42.53	141.7768
37	14.584	29926		31.77	105.9118
38	14.784	140790		149.48	498.2661
39	14.893	175735		186.58	621.9392
40	14.968	236872		251.49	838.3079
41	15.219	38356		40.72	135.7443
42	15.487	8671		9.21	30.6862
43	15.725	68511		72.74	242.4657
44	15.923	423471		449.61	1498.6966
45	16.105	131763		139.90	466.3194
46	16.311	130711		138.78	462.5949
47	16.574	241		0.26	0.8534
48	16.666	16474		17.49	58.3025
49	16.756	7323		7.77	25.9160
50	16.960	112713		119.67	398.9001
51	17.089	352063		373.79	1245.9768
52	17.492	48847		51.86	172.8748
53	17.692	71912		76.35	254.5032
54	17.890	21121		22.42	74.7491
55	18.130	28311		30.06	100.1951
56	18.241	282682		300.13	1000.4351
57	18.486	25311		26.87	89.5790
58	18.658	24074		25.56	85.1981
59	18.887	196777		208.92	696.4087
60	19.063	49683		52.75	175.8321
61	19.173	47276		50.19	167.3129
62	19.356	8122		8.62	28.7449
63	19.425	13478		14.31	47.6994
64	19.501	11062		11.74	39.1491
65	19.692	41558		44.12	147.0769
66	20.041	20341		0.66	2.2084
67	20.146	20851		0.68	2.2638
68	20.374	27925		0.91	3.0317
69	20.486	9915		0.32	1.0765
70	20.552	18026		0.59	1.9570
71	20.642	16915		0.55	1.8365
72	20.787	23936		0.78	2.5987
73	21.006	65993		2.15	7.1647
74	21.204	15298		0.50	1.6608
75	21.464	15708		0.51	1.7054
76	21.751	2825		0.09	0.3067
77	21.908	203		0.01	0.0221
78	22.214	40227		1.31	4.3674
79	22.342	16950		0.55	1.8402
80	22.577	5083		0.17	0.5518
81	22.803	1146		0.04	0.1244
82	22.886	1711		0.06	0.1857
83	23.016	5901		0.19	0.6406
84	23.168	2706		0.09	0.2938
85	23.341	1109		0.04	0.1204
86	23.495	491		0.02	0.0533
87	23.590	4207		0.14	0.4567
88	23.996	408		0.01	0.0442
89	24.166	15304		0.50	1.6615
90	24.353	3359		0.11	0.3647
91	24.715	234		0.01	0.0254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.232	8286		0.27	0.8996
93	25.934	6820		0.22	0.7404
94	26.075	70206	Decachlorobiphenyl	2.29	7.6221
95	26.704	682		0.02	0.0740
96	27.798	8712		0.28	0.9459
97	27.958	2738		0.09	0.2973
98	28.922	15103		0.49	1.6397
99	29.083	6355		0.21	0.6900
		7508819		4219.16	14063.8664

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
34	14.000	316832	AR1248-4	336.39	1121.2937
22	10.674	87812	AR1248-1	70.80	236.0112
26	11.828	82818	AR1248-2	104.07	346.9041
28	12.709	34509	AR1248-3	31.34	104.4649
		521972		542.60	1808.6740

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

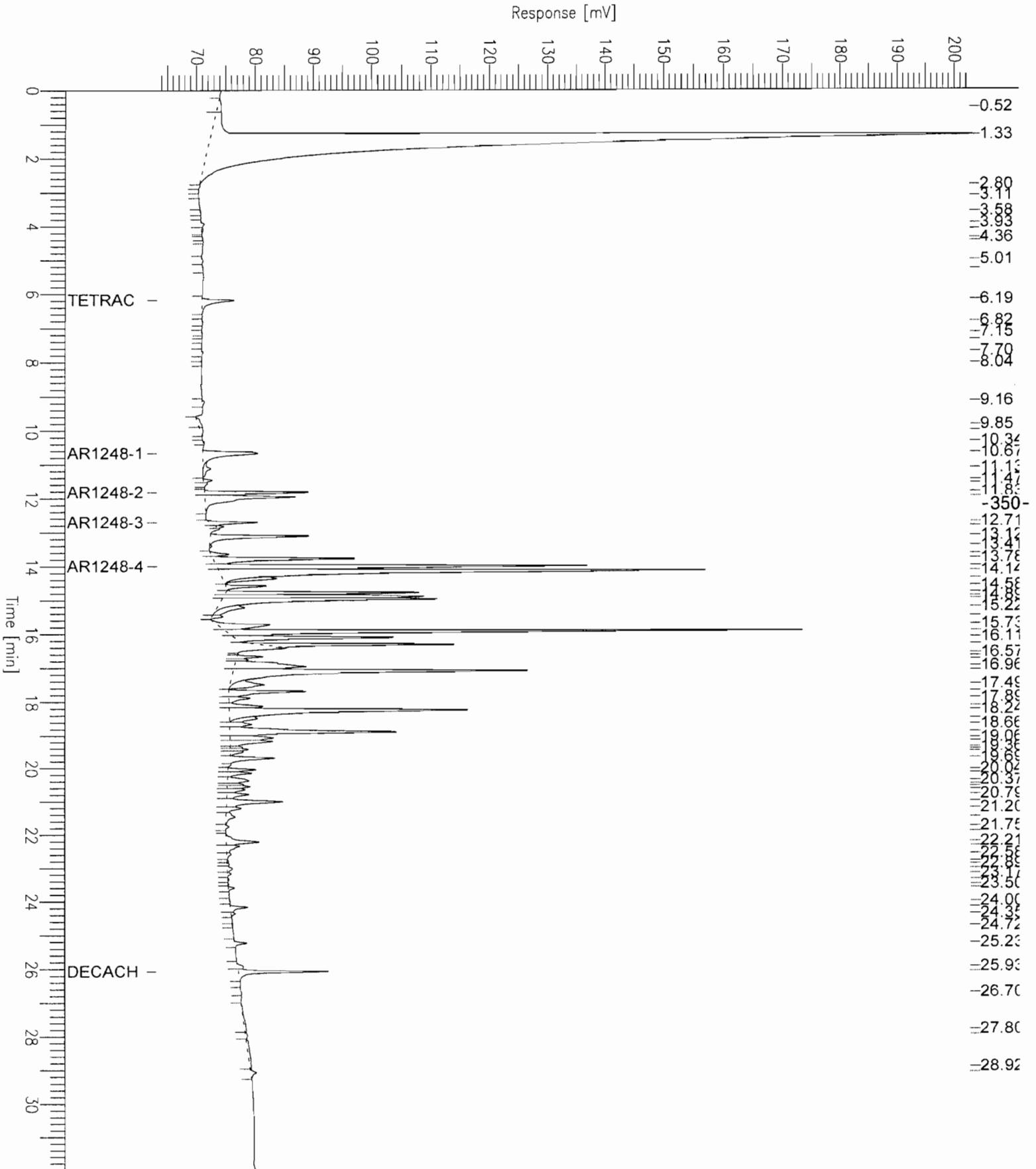
Report stored in ASCII file: C:\DATA65\IC09011.TX0

Chromatogram - ECD#1

Sample Name : 0511380-018a
 FileName : C:\DATA65\Ic09011.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 63 mV

Sample #: 11
 Date : 12/22/05 03:17 PM
 Time of Injection: 12/9/05 08:23 PM
 Low Point : 63.22 mV
 Plot Scale: 139.3 mV
 High Point : 202.53 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-119

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-019A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 9.81

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

8:23PM

GPC Cleanup: No

pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		3700	U
11104-28-2	Aroclor 1221		3700	U
11141-16-5	Aroclor 1232		3700	U
53469-21-9	Aroclor 1242		3700	U
12672-29-6	Aroclor 1248		5913	
11097-69-1	Aroclor 1254		3700	U
11096-82-5	Aroclor 1260		3700	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-119
Lab Order: U0511380 **Collection Date:** 11/22/2005 11:50:00 AM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-019 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	9.81	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 19 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-019a
Sample Number: 27
Operator : manager

Time : 12/9/05 11:00 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/27

Interface Serial # : NONE Data Acquisition Time: 12/6/05 09:46 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05027.RAW
Result File : C:\DATA65\HC05027.RST
Inst Method : PCB2CH from C:\DATA65\HC05027.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-353-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 113

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	14762836		1658.65	552.8826
2	2.541	716		0.08	0.0268
3	3.193	1506		0.17	0.0564
4	3.468	722		0.08	0.0270
5	3.647	998		0.11	0.0374
6	4.404	33589		3.77	1.2579
7	5.231	13156		1.48	0.4927
8	5.576	16114		1.81	0.6035

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.768	2574		0.29	0.0964
10	6.695	58716		6.60	2.1990
11	7.099	120862	Tetrachloro-m-xylene	13.58	4.5264
12	7.562	4927		0.55	0.1845
13	7.692	11822		1.33	0.4427
14	8.069	378		0.04	0.0142
15	8.204	399		0.04	0.0149
16	8.375	3853		0.43	0.1443
17	8.753	117949		13.25	4.4173
18	9.333	816		0.09	0.0305
19	9.555	565		0.06	0.0212
20	9.706	474223		53.28	17.7601
21	10.042	27813		70.08	23.3590
22	10.348	42529		107.16	35.7188
23	10.471	255748		644.39	214.7958
24	10.767	33092		83.38	27.7932
25	11.266	208366		525.00	175.0009
26	11.676	2318493		5841.71	1947.2368
27	11.761	3163383		7970.51	2656.8352
28	12.206	381136		960.32	320.1052
29	12.267	835988		2106.37	702.1222
30	12.417	89148		224.62	74.8728
31	12.558	13780		34.72	11.5736
33	12.950	3975456		10016.62	3338.8729
34	13.103	1717399		4327.18	1442.3943
36	13.619	1684892		4215.73	1405.2433
37	13.796	1635943		4093.26	1364.4185
38	14.095	4024111		10068.64	3356.2121
39	14.477	33993		68.60	22.8671
40	14.639	133225		268.86	89.6204
41	14.758	144097		290.80	96.9339
42	14.943	247215		498.90	166.3012
43	15.088	3886887		7844.10	2614.7009
	15.187	18538482	AR1248	11244.67	3748.2249
45	15.327	6709349		13540.10	4513.3656
46	15.523	324723		910.67	303.5578
48	15.996	4789948		13433.24	4477.7453
49	16.172	2212189		6204.00	2068.0012
50	16.455	426370		1195.74	398.5797
51	16.658	1634569		4584.09	1528.0300
52	16.981	3239176		9084.15	3028.0506
53	17.158	1803564		5058.03	1686.0100
54	17.340	4003053		11226.42	3742.1397
55	17.675	1499347		4204.86	1401.6213
56	17.823	545148		1528.85	509.6163
57	18.013	397407		1114.51	371.5047
58	18.156	82847		232.34	77.4476
59	18.233	103177		289.36	96.4519
60	18.341	368325		1032.95	344.3178
61	18.538	3156282		8851.68	2950.5599
62	18.700	86149		241.60	80.5339
63	18.884	610289		1711.53	570.5110
64	19.093	807656		2265.04	755.0143
65	19.471	3553568		9965.85	3321.9514
66	19.730	193579		542.88	180.9615
67	19.873	82140		230.36	76.7859
68	19.980	188322		528.14	176.0477
69	20.086	1408729		3950.73	1316.9100
70	20.485	176895		496.10	165.3651
71	20.567	53614		150.36	50.1195
72	20.693	115244		323.20	107.7322
73	20.899	35220		98.77	32.9246
74	21.088	353382		991.05	330.3489
75	21.250	156056		437.65	145.8844
76	21.355	65810		184.56	61.5210
77	21.498	61872		173.52	57.8396
78	21.592	80565		225.94	75.3138
79	21.738	146749		411.55	137.1844
80	21.978	28656		1.70	0.5669
81	22.170	159575		9.47	3.1565
82	22.293	30233		1.79	0.5980
83	22.471	445388		26.43	8.8102
84	22.623	60881		3.61	1.2043
85	23.171	6600		0.39	0.1306
86	23.317	4009		0.24	0.0793
87	23.476	196907		11.68	3.8950
88	23.545	115632		6.86	2.2873
89	23.637	42556		2.53	0.8418
90	23.805	132622		7.87	2.6234
91	24.115	4243		0.25	0.0839

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	24.367	3479		0.21	0.0688
93	24.560	16205		0.96	0.3206
94	24.891	69378		4.12	1.3724
95	25.040	9331		0.55	0.1846
96	25.681	157893		9.37	3.1233
97	25.808	9846		0.58	0.1948
98	25.919	8750		0.52	0.1731
99	26.269	1161		0.07	0.0230
100	26.424	965		0.06	0.0191
101	26.561	527		0.03	0.0104
102	26.775	73140		4.34	1.4468
103	27.373	849249		50.40	16.7989
104	27.714	389551	Decachlorobiphenyl	23.12	7.7057
105	28.500	37644		2.23	0.7446
106	28.971	15155		0.90	0.2998
107	29.353	73419		4.36	1.4523
108	29.835	33973		2.02	0.6720
109	30.125	10668		0.63	0.2110
110	30.276	10145		0.60	0.2007
111	30.498	26723		1.59	0.5286
112	30.984	99537		5.91	1.9689
113	31.370	9717		0.58	0.1922
		101622969		178867.13	59622.3760

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	15.817	4464444	AR1248-4	12520.37	4173.4576
32	12.779	4238615	AR1248-1	10679.68	3559.8928
35	13.461	3940690	AR1248-2	9859.91	3286.6368
44	15.187	5894732	AR1248-3	11896.12	3965.3744
		18538482		44956.08	14985.3617

-355-

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

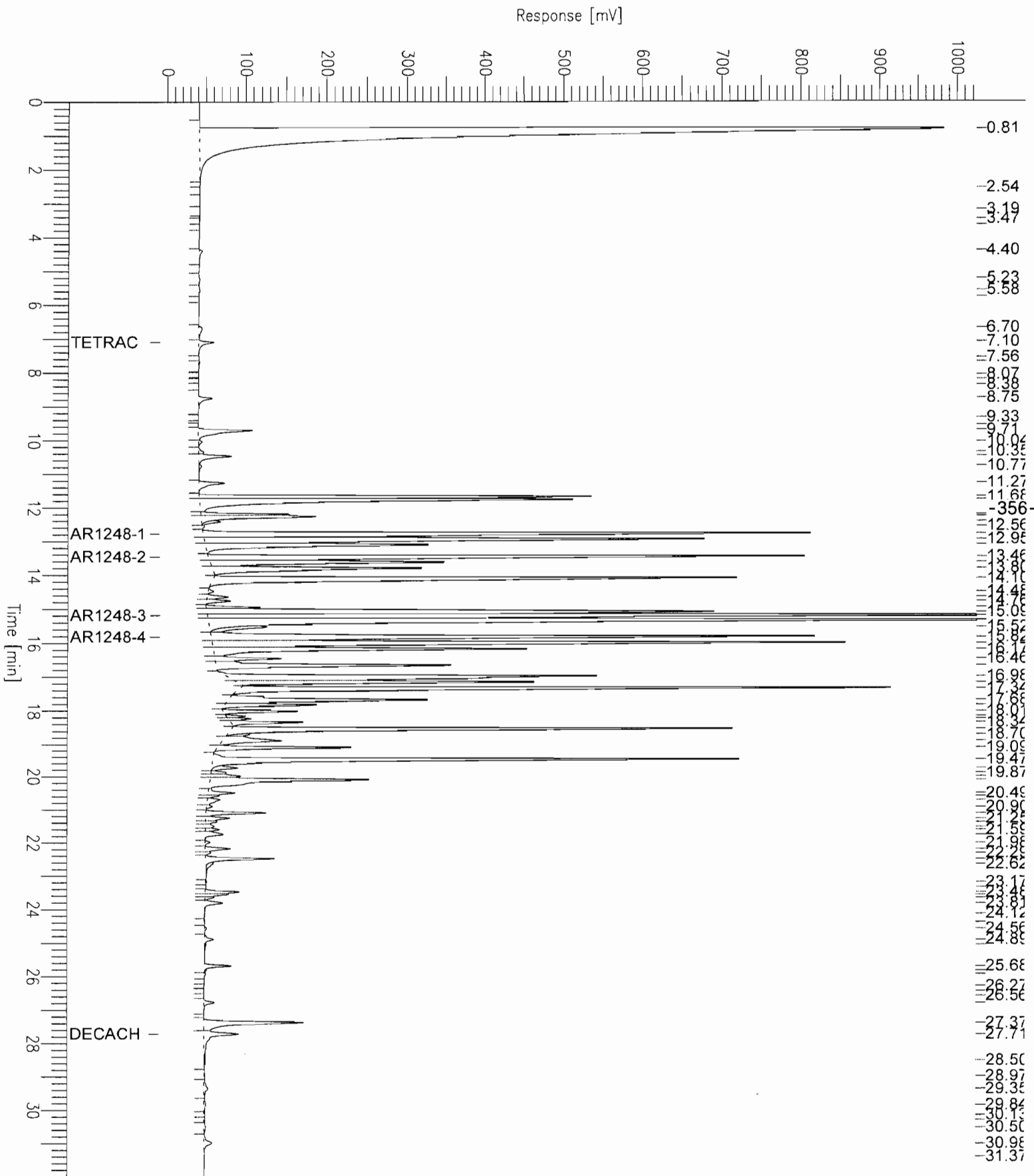
Report stored in ASCII file: C:\DATA65\HC05027.TX0

Chromatogram - ECD#1

Sample Name : u0511380-019a
FileName : C:\DATA65\Hc05027.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: -9 mV

Sample #: 27
Date : 12/9/05 11:01 AM
Time of Injection: 12/6/05 09:46 AM
Low Point : -9.18 mV
Plot Scale: 1033.2 mV
High Point : 1024.00 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-019a

Time : 12/9/05 12:47 PM

Sample Number: 28

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/27

Interface Serial # : NONE Data Acquisition Time: 12/6/05 10:23 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05028.RAW

Result File : C:\DATA65\IC05028.RST

Inst Method : PCB2CH from C:\DATA65\IC05028.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-357-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 131

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.916	1579		0.07	0.0217
2	1.303	28224692		1163.02	387.6722
3	3.559	79835		3.29	1.0965
4	3.922	22434		0.92	0.3081
5	4.121	38468		1.59	0.5284
6	4.357	174051		7.17	2.3906
7	5.017	32795		1.35	0.4504
8	5.227	54351		2.24	0.7465

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.478	12016		0.50	0.1650
10	6.194	340331	Tetrachloro-m-xylene	14.02	4.6745
11	6.875	2734		0.11	0.0376
12	7.142	10814		0.45	0.1485
13	7.357	32529		1.34	0.4468
14	7.707	9049		0.37	0.1243
15	7.813	9777		0.40	0.1343
16	8.045	316730		13.05	4.3504
17	8.370	6527		0.27	0.0896
18	8.545	20680		16.67	5.5581
19	9.017	45631		36.79	12.2642
20	9.153	1140090		919.26	306.4207
21	9.520	53230		42.92	14.3065
22	9.654	2232		1.80	0.5998
23	9.851	691550		557.60	185.8670
24	10.337	488829		394.15	131.3821
	10.652	26379490	AR1248	6467.13	2155.7091
26	11.106	1659528		1338.09	446.0294
27	11.259	272808		342.82	114.2725
28	11.467	1029622		1293.85	431.2826
29	11.567	1303524		1638.04	546.0135
31	11.943	5399419		6785.04	2261.6803
32	12.071	5201653		6536.52	2178.8412
33	12.573	4969		4.51	1.5041
35	12.831	3359106		3050.57	1016.8563
36	13.087	7090603		6439.32	2146.4416
37	13.398	179224		190.29	63.4287
38	13.609	1297256		1377.33	459.1087
39	13.770	4338083		4605.84	1535.2808
41	14.103	8270011		8780.46	2926.8204
42	14.372	1602347		1701.25	567.0827
43	14.580	1014166		1076.76	358.9210
44	14.778	3684310		3911.72	1303.9056
45	14.857	12811651		13602.43	4534.1418
46	15.228	321704		341.56	113.8534
47	15.514	569792		604.96	201.6538
48	15.714	3473053		3687.42	1229.1400
49	15.907	4546579		4827.21	1609.0692
50	16.100	3007738		3193.39	1064.4617
51	16.287	6382306		6776.24	2258.7473
52	16.584	35834		38.05	12.6818
53	16.661	229411		243.57	81.1903
54	16.750	281898		299.30	99.7659
55	16.853	3865251		4103.83	1367.9420
56	17.062	5243982		5567.66	1855.8856
57	17.490	768824		816.28	272.0927
58	17.688	1069720		1135.75	378.5822
59	17.782	416666		442.38	147.4615
60	17.889	152881		162.32	54.1058
61	18.131	963221		1022.67	340.8912
62	18.220	6041286		6414.17	2138.0576
63	18.489	303089		321.80	107.2656
64	18.652	453080		481.05	160.3486
65	18.866	2740882		2910.06	970.0193
66	19.035	670345		711.72	237.2401
67	19.180	654128		694.50	231.5011
68	19.353	260157		276.21	92.0716
69	19.499	62132		65.97	21.9889
70	19.695	362366		384.73	128.2441
71	19.886	12189		12.94	4.3136
72	20.034	582987		18.99	6.3294
73	20.142	347524		11.32	3.7730
74	20.309	228677		7.45	2.4827
75	20.374	183020		5.96	1.9870
76	20.464	19239		0.63	0.2089
77	20.553	83826		2.73	0.9101
78	20.626	229344		7.47	2.4899
79	20.774	137356		4.47	1.4912
80	21.006	855547		27.87	9.2885
81	21.194	39882		1.30	0.4330
82	21.372	32707		1.07	0.3551
83	21.544	29721		0.97	0.3227
84	21.744	4609		0.15	0.0500
85	21.807	416		0.01	0.0045
86	22.065	74118		2.41	0.8047
87	22.214	736000		23.97	7.9906
88	22.340	177811		5.79	1.9305
89	22.408	151840		4.95	1.6485
90	22.567	27176		0.89	0.2950
91	22.757	11440		0.37	0.1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.871	4597		0.15	0.0499
93	23.040	27735		0.90	0.3011
94	23.172	45042		1.47	0.4890
95	23.333	4904		0.16	0.0532
96	23.499	16181		0.53	0.1757
97	23.583	132437		4.31	1.4378
98	23.979	9137		0.30	0.0992
99	24.159	375654		12.24	4.0784
100	24.357	42306		1.38	0.4593
101	24.519	1863		0.06	0.0202
102	24.693	601		0.02	0.0065
103	24.869	3280		0.11	0.0356
104	25.084	1107		0.04	0.0120
105	25.231	156759		5.11	1.7019
106	25.445	7029		0.23	0.0763
107	25.707	75969		2.47	0.8248
108	25.856	1079059		35.15	11.7151
109	26.074	723544	Decachlorobiphenyl	23.57	7.8554
110	26.672	56471		1.84	0.6131
111	26.767	51738		1.69	0.5617
112	27.305	113472		3.70	1.2319
113	27.527	75269		2.45	0.8172
114	27.635	37594		1.22	0.4081
115	27.792	12742		0.42	0.1383
116	28.012	19437		0.63	0.2110
117	28.210	38171		1.24	0.4144
118	28.494	60842		1.98	0.6605
119	28.877	7592		0.25	0.0824
120	29.077	24323		0.79	0.2641
121	29.301	12955		0.42	0.1406
122	29.630	1341		0.04	0.0146
123	29.738	2426		0.08	0.0263
124	29.983	9047		0.29	0.0982
125	30.334	7535		0.25	0.0818
126	30.484	6513		0.21	0.0707
127	30.858	3655		0.12	0.0397
128	31.167	6950		0.23	0.0755
129	31.441	3970		0.13	0.0431
130	31.608	16344		0.53	0.1774
131	31.916	11872		0.39	0.1289
		166837942		118092.87	39364.2894

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
40	13.965	6029283	AR1248-4	6401.43	2133.8097
25	10.652	8790701	AR1248-1	7088.00	2362.6665
30	11.802	5770469	AR1248-2	7251.31	2417.1039
34	12.693	5789036	AR1248-3	5257.31	1752.4360
		26379490		25998.05	8666.0162

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

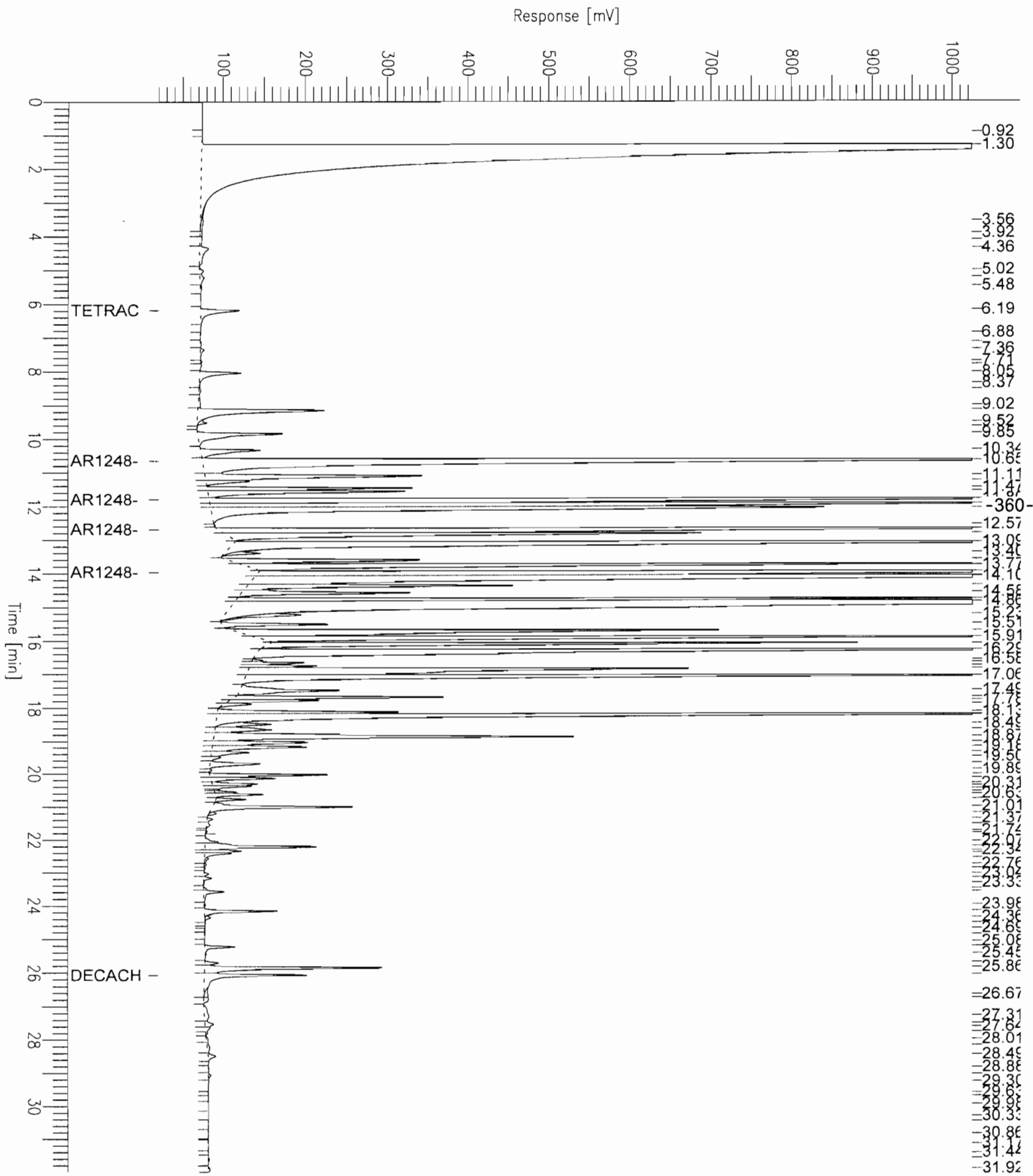
Report stored in ASCII file: C:\DATA65\IC05028.TX0

Chromatogram - ECD#1

Sample Name : u0511380-019a
FileName : C:\DATA65\Ic05028.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 20 mV

Sample #: 28
Date : 12/9/05 12:47 PM
Time of Injection: 12/6/05 10:23 AM
Low Point : 19.88 mV
High Point : 1024.00 mV
Plot Scale: 1004.1 mV



Software Version: 4.1<2F12>
Sample Name : 0511380-019a
Sample Number: 11
Operator : manager

Time : 12/11/05 04:40 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/11

Interface Serial # : NONE Data Acquisition Time: 12/9/05 08:23 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09011.RAW
Result File : C:\DATA65\HC09011.RST
Inst Method : PCB2CH from C:\DATA65\HC09011.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 69

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	1367265		153.62	5120.5396
2	3.231	529		0.06	1.9817
3	4.903	581		0.07	2.1774
4	6.175	497		0.06	1.8603
5	6.688	334		0.04	1.2517
6	7.099	710	Tetrachloro-m-xylene	0.08	2.6583
7	8.750	604		0.07	2.2628
8	9.706	5087		0.57	19.0519

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	10.348	867		2.18	72.8053
10	10.469	2397		6.04	201.2784
11	10.765	275		0.69	23.0905
12	11.265	1340		3.38	112.5496
13	11.677	30893		77.84	2594.6528
14	11.762	29105		73.33	2444.4812
15	12.201	4975		12.53	417.8150
16	12.266	6240		15.72	524.0738
17	12.416	831		2.09	69.8016
18	12.565	564		1.42	47.3939
20	12.950	56424		142.17	4738.8727
21	13.102	19331		48.71	1623.5648
23	13.618	17867		44.70	1490.1184
24	13.795	16145		40.40	1346.5755
25	14.094	38157		95.47	3182.3563
26	14.636	1285		2.59	86.4586
27	14.755	1663		3.36	111.8943
28	14.941	2490		5.03	167.5006
29	15.084	50441		101.79	3393.1367
	15.194	264967	AR1248	160.72	5357.2753
31	15.335	91878		185.42	6180.6074
33	15.987	56496		158.44	5281.3572
34	16.171	29681		83.24	2774.6359
35	16.453	5260		14.75	491.7517
36	16.658	19952		55.95	1865.1446
37	16.979	27202		76.29	2542.9475
38	17.157	16567		46.46	1548.7213
39	17.340	42452		119.05	3968.4888
40	17.675	14266		40.01	1333.6334
41	17.830	5612		15.74	524.6116
42	18.013	4738		13.29	442.9150
43	18.157	966		2.71	90.3050
44	18.233	1295		3.63	121.0467
45	18.344	14852		41.65	1388.4002
46	18.541	51101		143.31	4776.9919
47	18.883	9431		26.45	881.6393
48	19.093	9320		26.14	871.2542
49	19.474	28676		80.42	2680.6692
50	19.731	1635		4.59	152.8850
51	19.982	716		2.01	66.9473
52	20.086	7181		20.14	671.2612
53	20.484	1966		5.51	183.7839
54	20.696	443		1.24	41.4395
55	21.089	2734		7.67	255.6084
56	21.247	896		2.51	83.7966
57	21.593	359		1.01	33.6014
58	21.741	1038		2.91	97.0401
59	21.991	188		0.01	0.3712
60	22.208	3963		0.24	7.8395
61	22.469	4415		0.26	8.7338
62	23.481	3004		0.18	5.9422
63	23.808	935		0.06	1.8500
64	24.892	498		0.03	0.9854
65	25.686	1998		0.12	3.9531
66	26.418	9888		0.59	19.5603
67	26.770	510		0.03	1.0098
68	27.401	9144		0.54	18.0871
69	27.711	2659	Decachlorobiphenyl	0.16	5.2593
2405783				2177.48	72582.5547

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
32	15.814	52136	AR1248-4	146.21	4873.8150
19	12.781	80362	AR1248-1	202.48	6749.4144
22	13.461	48932	AR1248-2	122.43	4081.0443
30	15.194	83537	AR1248-3	168.59	5619.5016
264967				639.71	21323.7753

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\HC09011.TX0

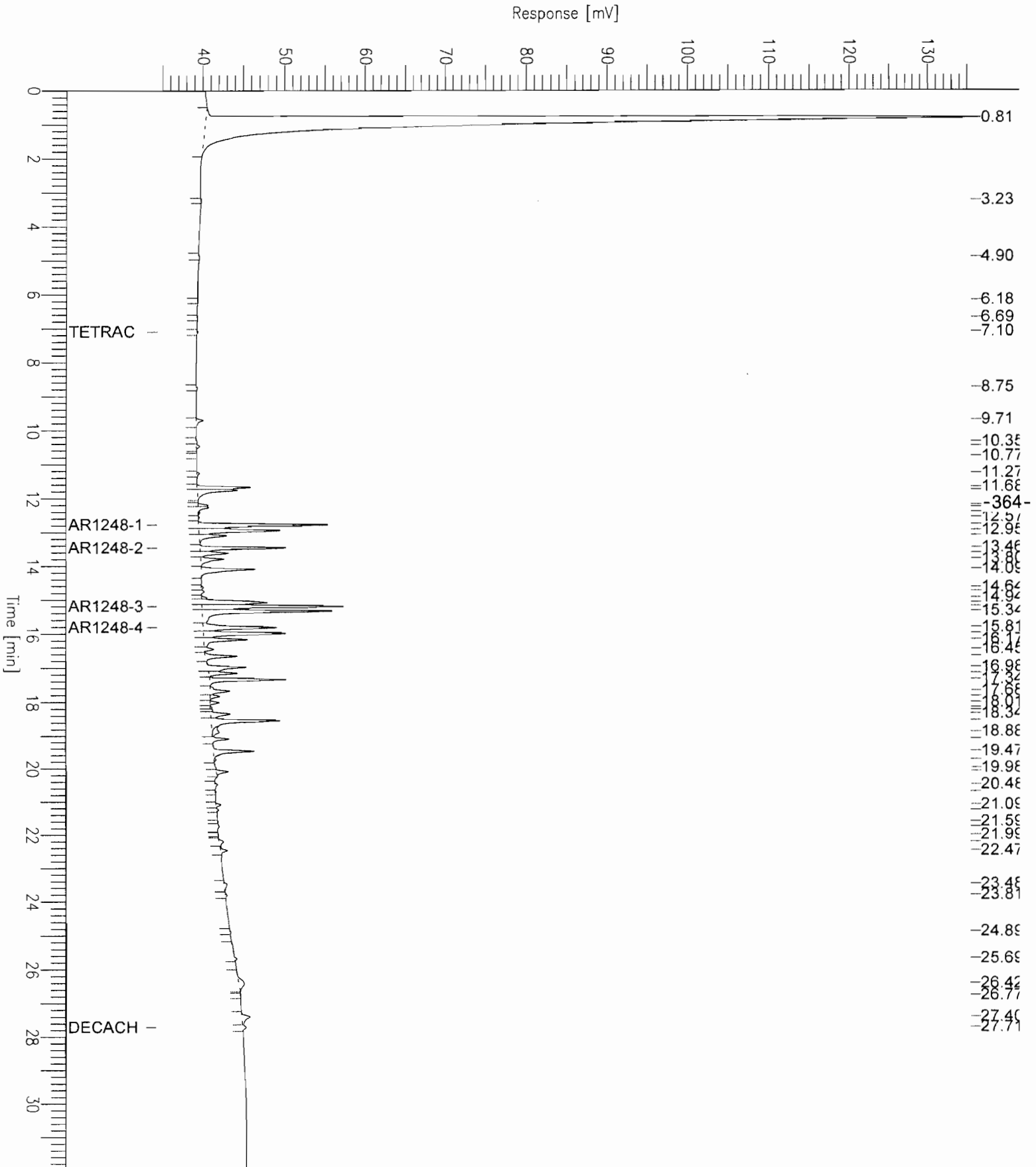
Chromatogram - ECD#1

Sample Name : 0511380-019a
FileName : C:\DATA65\Hc09011.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 34 mV

Sample #: 11
Date : 12/11/05 04:40 PM
Time of Injection: 12/9/05 08:23 PM
Low Point : 34.33 mV
Plot Scale: 101.1 mV
High Point : 135.43 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : 0511380-019a

Time : 12/22/05 03:17 PM

Sample Number: 12

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/11

Interface Serial # : NONE Data Acquisition Time: 12/9/05 08:59 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09012.RAW

Result File : C:\DATA65\IC09012.RST

Inst Method : PCB2CH from C:\DATA65\IC09012.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 100.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-365-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 69

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.446	1263		0.05	1.7346
2	1.332	2549363		105.05	3501.6040
3	3.763	431		0.02	0.5920
4	3.935	2584		0.11	3.5490
5	4.418	584		0.02	0.8016
6	6.194	2370	Tetrachloro-m-xylene	0.10	3.2556
7	6.821	551		0.02	0.7569
8	8.043	2368		0.10	3.2524

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.158	12372		9.98	332.5320
10	9.520	556		0.45	14.9464
11	9.853	7985		6.44	214.6155
12	10.343	4359		3.51	117.1662
14	11.105	17310		13.96	465.2262
15	11.475	8190		10.29	343.0726
16	11.568	19708		24.77	825.5129
	11.831	536217	AR1248	131.46	4381.9225
18	11.962	123983		155.80	5193.3535
19	12.073	102653		129.00	4299.8761
21	12.835	50076		45.48	1515.8723
22	13.118	135490		123.04	4101.4979
23	13.607	13747		14.60	486.5251
24	13.779	59285		62.94	2098.1424
26	14.140	244572		259.67	8655.6001
27	14.372	46667		49.55	1651.5868
28	14.586	14288		15.17	505.6765
29	14.786	67438		71.60	2386.6699
30	14.906	72282		76.74	2558.1058
31	14.968	119146		126.50	4216.6533
32	15.499	5106		5.42	180.7219
33	15.723	50299		53.40	1780.1346
34	15.924	61418		65.21	2173.6388
35	16.107	33715		35.80	1193.2120
36	16.313	116952		124.17	4139.0166
37	16.660	2135		2.27	75.5686
38	16.758	431		0.46	15.2691
39	16.864	28852		30.63	1021.0836
40	16.958	16423		17.44	581.2183
41	17.092	70991		75.37	2512.4260
42	17.493	3709		3.94	131.2530
43	17.694	12483		13.25	441.7670
44	17.785	7632		8.10	270.0895
45	18.135	8093		8.59	286.4094
46	18.245	50640		53.77	1792.2012
47	18.658	1296		1.38	45.8620
48	18.877	27046		28.72	957.1694
49	19.066	5865		6.23	207.5612
50	19.180	7508		7.97	265.7187
51	19.352	2302		2.44	81.4717
52	19.716	3864		4.10	136.7482
53	20.044	4877		0.16	5.2947
54	20.146	4590		0.15	4.9833
55	20.378	2727		0.09	2.9609
56	20.558	643		0.02	0.6980
57	20.637	1296		0.04	1.4068
58	20.780	1976		0.06	2.1458
59	21.014	13172		0.43	14.3010
60	21.473	3122		0.10	3.3895
61	22.218	5619		0.18	6.1003
62	22.343	687		0.02	0.7454
63	23.174	288		0.01	0.3132
64	23.591	1126		0.04	1.2227
65	24.167	3041		0.10	3.3012
66	25.224	13082		0.43	14.2030
67	26.074	13079	Decachlorobiphenyl	0.43	14.1993
68	26.774	1131		0.04	1.2282
69	29.340	29458		0.96	31.9816
		4832513		1988.31	66277.1155

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
25	14.005	142956	AR1248-4	151.78	5059.3333
13	10.683	114746	AR1248-1	92.52	3084.0152
17	11.831	152728	AR1248-2	191.92	6397.4042
20	12.713	125787	AR1248-3	114.23	3807.7718
		536217		550.46	18348.5245

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====
Report stored in ASCII file: C:\DATA65\IC09012.TX0

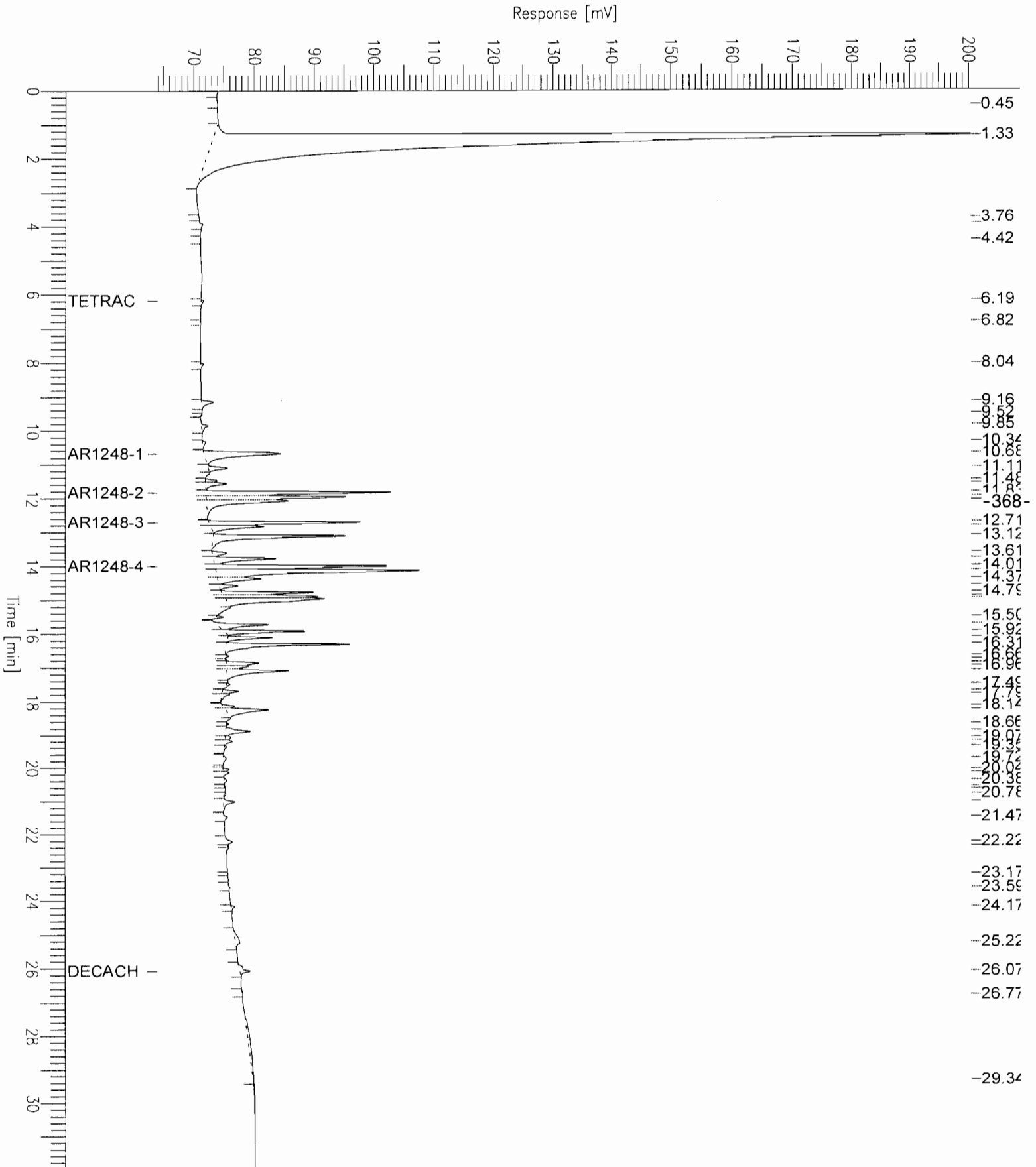
Chromatogram - ECD#1

Sample Name : 0511380-019a
FileName : C:\DATA65\Ic09012.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 64 mV

Sample #: 12
Date : 12/22/05 03:17 PM
Time of Injection: 12/9/05 08:59 PM
Low Point : 63.92 mV
Plot Scale: 136.4 mV
High Point : 200.34 mV

Page 1 of 1



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-120

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-020A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 24.27

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

8:59PM

GPC Cleanup: No

pH:

Dilution Factor:

1000

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		44000	U
11104-28-2	Aroclor 1221		44000	U
11141-16-5	Aroclor 1232		44000	U
53469-21-9	Aroclor 1242		44000	U
12672-29-6	Aroclor 1248		119282	
11097-69-1	Aroclor 1254		44000	U
11096-82-5	Aroclor 1260		44000	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-120
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:00:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-020 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	24.3	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 20 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-020a
Sample Number: 28
Operator : manager

Time : 12/9/05 11:01 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/28

Interface Serial # : NONE Data Acquisition Time: 12/6/05 10:23 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05028.RAW
Result File : C:\DATA65\HC05028.RST
Inst Method : PCB2CH from C:\DATA65\HC05028.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-371-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 116

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.824	934430		104.99	34.9953
2	1.806	2341		0.26	0.0877
3	1.949	925		0.10	0.0346
4	2.130	386		0.04	0.0145
5	2.385	1135		0.13	0.0425
6	2.545	12862		1.45	0.4817
7	2.631	23443		2.63	0.8780
8	2.907	1145		0.13	0.0429

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.163	3044		0.34	0.1140
10	3.322	2042		0.23	0.0765
11	3.471	2967		0.33	0.1111
12	3.647	2817		0.32	0.1055
13	4.407	34508		3.88	1.2923
14	4.573	8885		1.00	0.3327
15	4.944	2493		0.28	0.0934
16	5.128	267		0.03	0.0100
17	5.232	30700		3.45	1.1498
18	5.577	27245		3.06	1.0203
19	5.770	4281		0.48	0.1603
20	5.960	495		0.06	0.0185
21	6.136	1507		0.17	0.0564
22	6.448	3437		0.39	0.1287
23	6.699	92952		10.44	3.4811
24	7.099	98747	Tetrachloro-m-xylene	11.09	3.6982
25	7.391	9648		1.08	0.3613
26	7.561	8482		0.95	0.3177
27	7.691	19702		2.21	0.7379
28	8.063	9588		1.08	0.3591
29	8.375	49609		5.57	1.8579
30	8.755	201039		22.59	7.5291
31	9.334	4313		0.48	0.1615
32	9.704	1098008		123.36	41.1215
33	10.043	99637		251.05	83.6825
34	10.469	569722		1435.48	478.4936
35	10.771	43578		109.80	36.5998
36	10.980	4340		10.93	3.6448
37	11.264	1300974		3277.95	1092.6515
38	11.640	16793604		42313.42	14104.4718
39	12.270	5623456		14168.94	4722.9812
40	12.412	401847		1012.50	337.4997
41	12.555	78992		199.03	66.3434
	12.737	58839409	AR1248	35689.55	11896.5158
43	13.060	8767747		22091.35	7363.7817
45	13.770	8004626		20028.19	6676.0634
46	14.050	10841616		27126.56	9042.1857
47	14.474	579633		1169.75	389.9182
48	14.643	1277285		2577.68	859.2271
49	14.755	1371931		2768.69	922.8953
50	14.941	3216450		6491.10	2163.6996
51	14.992	26824747		54134.86	18044.9537
53	16.447	3965943		11122.34	3707.4480
54	16.613	8057471		22596.89	7532.2964
55	16.937	15377481		43125.59	14375.1981
56	17.277	10638012		29833.92	9944.6405
57	17.637	8514681		23879.12	7959.7060
58	17.800	4806060		13478.42	4492.8077
59	18.000	4701274		13184.55	4394.8516
60	18.153	2056680		5767.89	1922.6284
61	18.228	1199951		3365.22	1121.7394
62	18.323	5377000		15079.60	5026.5348
63	18.490	9490678		26616.26	8872.0883
64	18.700	1617719		4536.84	1512.2785
65	18.778	1664331		4667.56	1555.8518
66	18.865	6719278		18843.97	6281.3246
67	19.062	6132761		17199.11	5733.0363
68	19.415	11315229		31733.15	10577.7176
69	19.733	2794829		7838.00	2612.6655
70	19.872	972462		2727.23	909.0783
71	19.978	2269669		6365.20	2121.7348
72	20.053	10946763		30699.80	10233.2677
73	20.486	1775066		4978.11	1659.3700
74	20.699	209335		587.07	195.6911
75	20.902	199263		558.82	186.2749
76	21.087	4698720		13177.39	4392.4643
77	21.247	1881453		5276.47	1758.8228
78	21.360	694900		1948.82	649.6074
79	21.499	860800		2414.08	804.6939
80	21.593	1055442		2959.95	986.6498
81	21.739	1792957		106.40	35.4663
82	21.875	61533		3.65	1.2172
83	21.980	391010		23.20	7.7345
84	22.170	2542597		150.88	50.2948
85	22.289	459479		27.27	9.0889
86	22.470	5640527		334.72	111.5746
87	22.997	17994		1.07	0.3559
88	23.174	72910		4.33	1.4422
89	23.314	44874		2.66	0.8877
90	23.479	1100079		65.28	21.7605

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	23.633	78636		4.67	1.5555
92	23.811	1035561		61.45	20.4843
93	24.270	23447		1.39	0.4638
94	24.564	128892		7.65	2.5496
95	24.673	24329		1.44	0.4812
96	24.895	974534		57.83	19.2771
97	25.089	30276		1.80	0.5989
98	25.179	29593		1.76	0.5854
99	25.335	69659		4.13	1.3779
100	25.685	2349663		139.44	46.4784
101	25.923	125696		7.46	2.4864
102	26.283	1583172		93.95	31.3165
103	26.778	849212		50.39	16.7982
104	27.371	298297		17.70	5.9006
105	27.529	393244		23.34	7.7787
106	27.716	291951	Decachlorobiphenyl	17.33	5.7750
107	27.909	38100		2.26	0.7537
108	28.155	124801		7.41	2.4687
109	28.711	16252		0.96	0.3215
110	29.183	9743		0.58	0.1927
111	29.358	21429		1.27	0.4239
112	29.823	29896		1.77	0.5914
113	30.157	28406		1.69	0.5619
114	30.625	20636		1.22	0.4082
115	30.975	29329		1.74	0.5802
116	31.390	1084764		64.37	21.4576
		299139767		601015.32	2.0034e+05

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
52	15.730	24101283	AR1248-4	67591.18	22530.3937
42	12.737	19027527	AR1248-1	47942.04	15980.6800
44	13.420	15710600	AR1248-2	39309.13	13103.0432
0	15.169	0	AR1248-3	0.00	0.0000
		58839409		154842.35	51614.1169

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

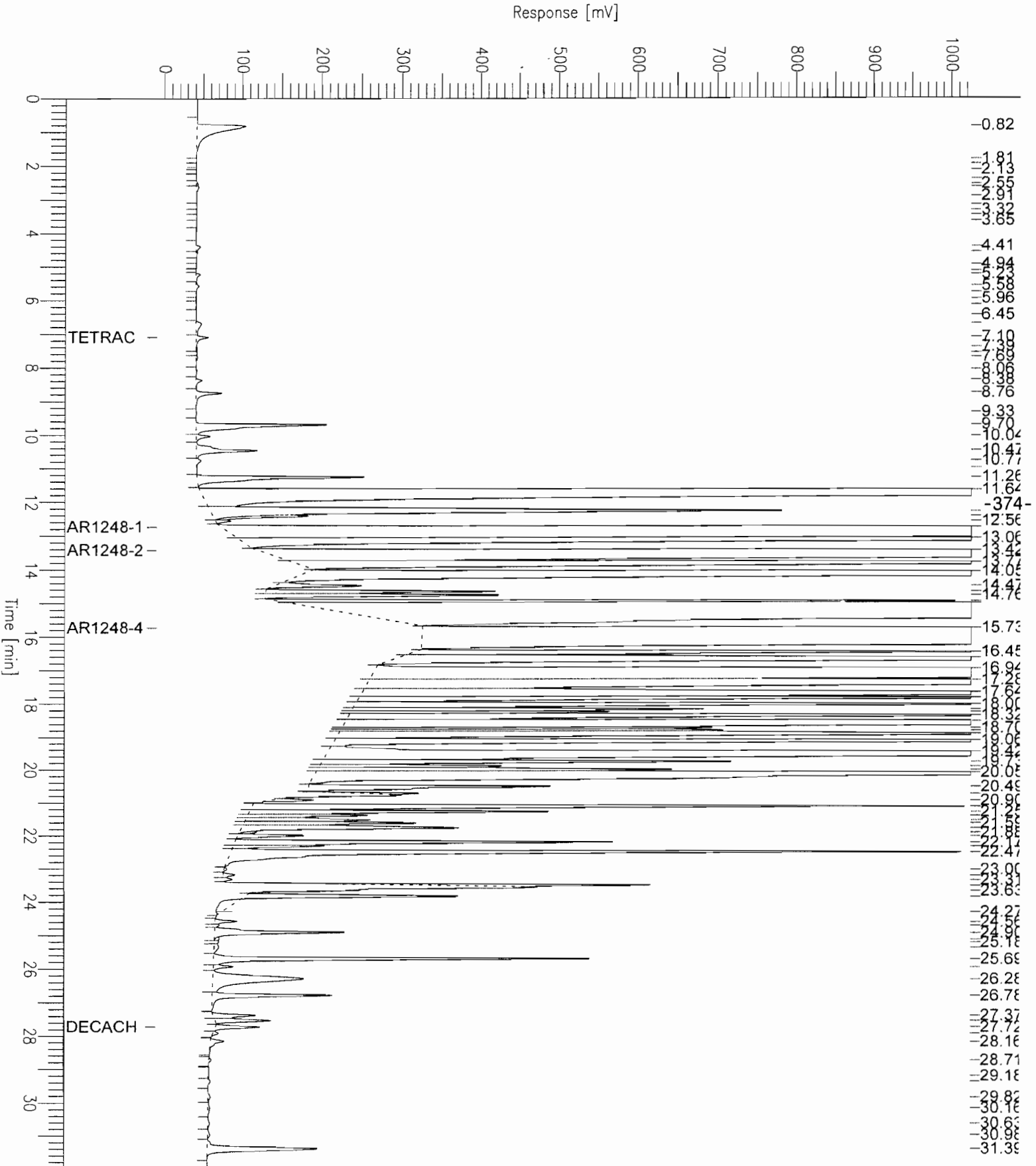
Report stored in ASCII file: C:\DATA65\HC05028.TX0

Chromatogram - ECD#1

Sample Name : u0511380-020a
FileName : C:\DATA65\Hc05028.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: -9 mV

Sample #: 28
Date : 12/9/05 11:01 AM
Time of Injection: 12/6/05 10:23 AM
Low Point : -8.92 mV
High Point : 1024.00 mV
Plot Scale: 1032.9 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-020a

Time : 12/9/05 12:47 PM

Sample Number: 29

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/28

Interface Serial # : NONE Data Acquisition Time: 12/6/05 10:59 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05029.RAW

Result File : C:\DATA65\IC05029.RST

Inst Method : PCB2CH from C:\DATA65\IC05029.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-375-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 127

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.375	1758200		72.45	24.1493
2	2.562	1113		0.05	0.0153
3	2.850	60154		2.48	0.8262
4	3.048	17314		0.71	0.2378
5	3.212	10883		0.45	0.1495
6	3.309	17056		0.70	0.2343
7	3.561	45902		1.89	0.6305
8	3.903	12480		0.51	0.1714

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.131	10965		0.45	0.1506
10	4.354	166922		6.88	2.2927
11	5.011	45601		1.88	0.6263
12	5.225	127532		5.26	1.7517
13	5.533	22448		0.92	0.3083
14	5.833	18438		0.76	0.2533
15	5.973	7097		0.29	0.0975
16	6.190	224378	Tetrachloro-m-xylene	9.25	3.0819
17	6.615	2372		0.10	0.0326
18	6.760	1554		0.06	0.0213
19	6.930	7668		0.32	0.1053
20	7.152	22831		0.94	0.3136
21	7.353	34896		1.44	0.4793
22	7.505	10895		0.45	0.1496
23	7.611	26461		1.09	0.3634
24	7.703	42840		1.77	0.5884
25	7.817	112026		4.62	1.5387
26	8.043	481681		19.85	6.6160
27	8.354	6938		0.29	0.0953
28	8.545	20494		16.52	5.5083
29	8.779	1831		1.48	0.4921
30	8.923	4105		3.31	1.1034
31	9.030	4116		3.32	1.1062
32	9.151	2542678		2050.18	683.3925
33	9.525	140526		113.31	37.7690
34	9.850	724781		584.40	194.7986
35	9.944	363955		293.46	97.8199
36	10.335	2544110		2051.33	683.7775
	10.597	52605568	AR1248	12896.64	4298.8817
38	11.104	5706268		4601.00	1533.6670
39	11.254	379443		476.82	158.9392
40	11.460	4499769		5654.52	1884.8397
41	11.563	4020706		5052.52	1684.1721
43	12.570	45842		41.63	13.8771
44	12.655	16326247		14826.67	4942.2225
45	13.055	12373959		11237.40	3745.7999
46	13.396	2682089		2847.64	949.2117
47	13.583	2784625		2956.50	985.5001
49	14.547	3741831		3972.79	1324.2627
50	14.733	15155343		16090.78	5363.5923
51	15.203	4417169		4689.81	1563.2701
52	15.492	3534491		3752.65	1250.8836
53	15.670	13243962		14061.42	4687.1399
54	16.050	5919699		6285.08	2095.0269
55	16.250	8623014		9155.25	3051.7507
56	16.643	3568458		3788.71	1262.9048
57	16.723	15931922		16915.29	5638.4296
58	17.460	4950172		5255.71	1751.9039
59	17.657	3528355		3746.14	1248.7121
60	17.778	1842979		1956.73	652.2445
61	17.900	234471		248.94	82.9812
62	18.090	13836836		14690.89	4896.9623
63	18.488	3171618		3367.38	1122.4599
64	18.654	2986239		3170.56	1056.8531
65	18.770	9084325		9645.04	3215.0122
66	19.015	5141693		5459.05	1819.6845
67	19.170	5223310		5545.71	1848.5696
68	19.352	2233019		2370.85	790.2827
69	19.505	567511		602.54	200.8467
70	19.697	2720099		2887.99	962.6638
71	19.884	169619		180.09	60.0296
72	20.023	4193496		4452.33	1484.1104
73	20.142	2876361		93.68	31.2280
74	20.308	1383125		45.05	15.0163
75	20.553	624019		20.32	6.7748
76	20.626	3004938		97.87	32.6239
77	20.775	1339850		43.64	14.5464
78	20.977	6350590		206.84	68.9469
79	21.200	564910		18.40	6.1331
80	21.377	268422		8.74	2.9142
81	21.586	12340		0.40	0.1340
82	21.653	3278		0.11	0.0356
83	21.746	44589		1.45	0.4841
84	21.908	9824		0.32	0.1067
85	22.066	622134		20.26	6.7544
86	22.197	6160027		200.63	66.8780
87	22.341	1793130		58.40	19.4676
88	22.407	1388430		45.22	15.0739
89	22.573	147033		4.79	1.5963
90	22.792	36782		1.20	0.3993

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	22.877	65857		2.14	0.7150
92	23.046	243779		7.94	2.6466
93	23.175	294954		9.61	3.2023
94	23.338	28481		0.93	0.3092
95	23.584	1387715		45.20	15.0661
96	23.983	44895		1.46	0.4874
97	24.160	2960445		96.42	32.1409
98	24.549	10764		0.35	0.1169
99	24.697	3034		0.10	0.0329
100	24.812	6892		0.22	0.0748
101	25.040	834		0.03	0.0091
102	25.116	1636		0.05	0.0178
103	25.232	1356715		44.19	14.7295
104	25.577	7815		0.25	0.0848
105	25.709	20013		0.65	0.2173
106	25.860	376598		12.27	4.0886
107	26.078	617272		20.10	6.7016
108	26.180	922917	Decachlorobiphenyl	30.06	10.0199
109	26.587	1969		0.06	0.0214
110	26.692	279510		9.10	3.0346
111	26.828	82026		2.67	0.8905
112	27.055	9247		0.30	0.1004
113	27.301	11014		0.36	0.1196
114	27.528	42244		1.38	0.4586
115	27.835	4891		0.16	0.0531
116	28.172	9133		0.30	0.0992
117	28.291	33955		1.11	0.3686
118	28.515	68721		2.24	0.7461
119	28.912	88407		2.88	0.9598
120	29.083	2159686		70.34	23.4472
121	29.980	4390		0.14	0.0477
122	30.234	4899		0.16	0.0532
123	30.494	68711		2.24	0.7460
124	30.813	82563		2.69	0.8964
125	31.164	17894		0.58	0.1943
126	31.433	2450		0.08	0.0266
127	31.544	6613		0.22	0.0718
		283046115		209372.53	69790.8448

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	13.940	11398532	AR1248-4	12102.08	4034.0281
37	10.597	17314831	AR1248-1	13961.06	4653.6868
42	11.777	23892205	AR1248-2	30023.53	10007.8421
0	12.710	0	AR1248-3	0.00	0.0000
		52605568		56086.67	18695.5570

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

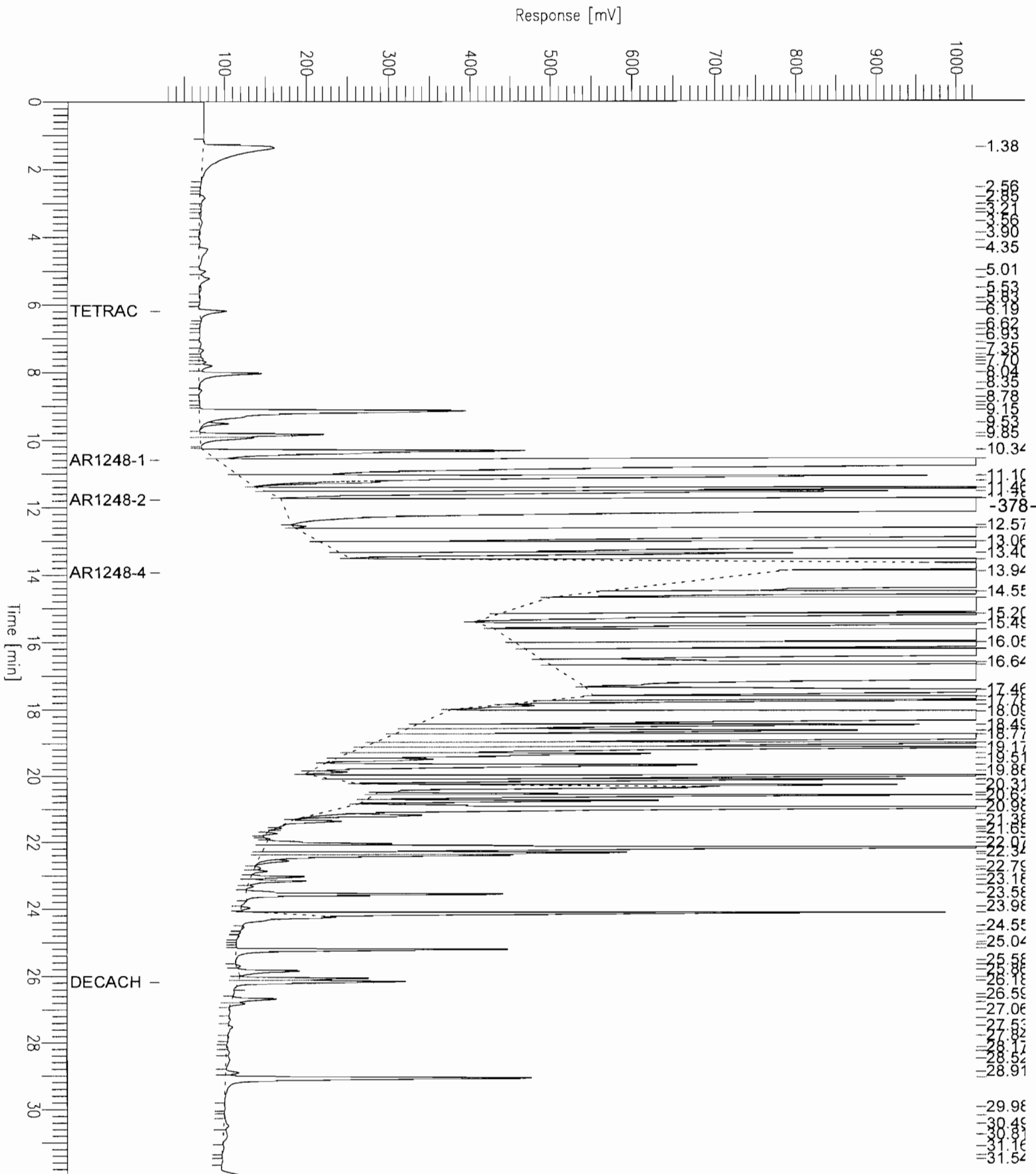
Report stored in ASCII file: C:\DATA65\IC05029.TX0

Chromatogram - ECD#1

Sample Name : u0511380-020a
 FileName : C:\DATA65\Ic05029.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 21 mV

Sample #: 29
 Date : 12/9/05 12:47 PM
 Time of Injection: 12/6/05 10:59 AM
 Low Point : 20.62 mV
 High Point : 1024.00 mV
 Plot Scale: 1003.4 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-020a
Sample Number: 12
Operator : manager

Time : 12/11/05 04:40 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/12

Interface Serial # : NONE Data Acquisition Time: 12/9/05 08:59 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09012.RAW
Result File : C:\DATA65\HC09012.RST
Inst Method : PCB2CH from C:\DATA65\HC09012.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1000.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 70

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.804	1116304		125.42	41806.6878
2	3.233	589		0.07	22.0446
3	4.899	526		0.06	19.6822
4	6.174	624		0.07	23.3772
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
5	9.707	1385		0.16	51.8847
6	10.465	439		1.11	368.7029
7	10.759	346		0.87	290.9403

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	11.264	1422		3.58	1194.5020
9	11.674	33889		85.39	28462.2994
10	11.765	40002		100.79	33596.5235
11	12.202	2776		6.99	2331.5696
12	12.270	5427		13.67	4558.2929
13	12.416	676		1.70	567.7955
14	12.562	672		1.69	564.7428
16	12.951	85419		215.22	71740.8142
17	13.102	29483		74.28	24761.5520
19	13.615	21674		54.23	18076.7194
20	13.794	21052		52.67	17557.7844
21	14.094	71895		179.89	59962.2399
22	14.478	1406		2.84	945.6948
23	14.642	2152		4.34	1447.7181
24	14.754	3255		6.57	2189.4955
25	14.939	5583		11.27	3755.4746
26	15.087	122682		247.58	82527.9491
	15.194	454085	AR1248	275.43	91809.7911
28	15.336	208640		421.06	1.4035e+05
30	15.989	127417		357.34	1.1911e+05
31	16.171	65074		182.50	60832.8421
32	16.454	11318		31.74	10580.1668
33	16.659	41306		115.84	38613.9051
34	16.979	51036		143.13	47709.3929
35	17.158	34571		96.95	32318.0901
36	17.339	94920		266.20	88733.2103
37	17.675	23726		66.54	22179.6457
38	17.832	8706		24.42	8138.9330
39	18.013	10826		30.36	10120.4660
40	18.155	2059		5.77	1924.3495
41	18.230	1217		3.41	1137.2607
42	18.341	9235		25.90	8632.9431
43	18.541	92042		258.13	86043.0204
44	18.886	14918		41.84	13945.6935
45	19.093	19746		55.38	18459.3778
46	19.475	61392		172.17	57390.2003
47	19.732	5716		16.03	5343.2407
48	19.871	1745		4.89	1631.1762
49	20.085	30206		84.71	28237.1747
50	20.483	2680		7.52	2505.4179
51	20.570	1276		3.58	1192.9401
52	20.760	2048		5.74	1914.1094
53	21.091	6337		17.77	5924.1279
54	21.246	3345		9.38	3127.3975
55	21.367	789		2.21	737.8538
56	21.502	1483		4.16	1385.9216
57	21.593	1652		4.63	1544.0639
58	21.739	2544		7.13	2377.9790
59	21.899	6447		0.38	127.5289
60	22.204	7877		0.47	155.8201
61	22.470	7687		0.46	152.0575
62	23.481	1231		0.07	24.3530
63	23.807	1790		0.11	35.4094
64	24.895	947		0.06	18.7248
65	25.684	2672		0.16	52.8463
66	26.431	14732		0.87	291.4194
67	26.773	1618		0.10	32.0084
68	27.524	1278		0.08	25.2722
69	27.714	7517	Decachlorobiphenyl	0.45	148.6894
70	31.388	815		0.05	16.1192
		3016344		3935.58	1.3119e+06

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
29	15.815	100903	AR1248-4	282.98	94325.9715
15	12.781	104843	AR1248-1	264.16	88054.2574
18	13.461	73194	AR1248-2	183.14	61045.6310
27	15.194	175146	AR1248-3	353.46	1.1782e+05
		454085		1083.74	3.6125e+05

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

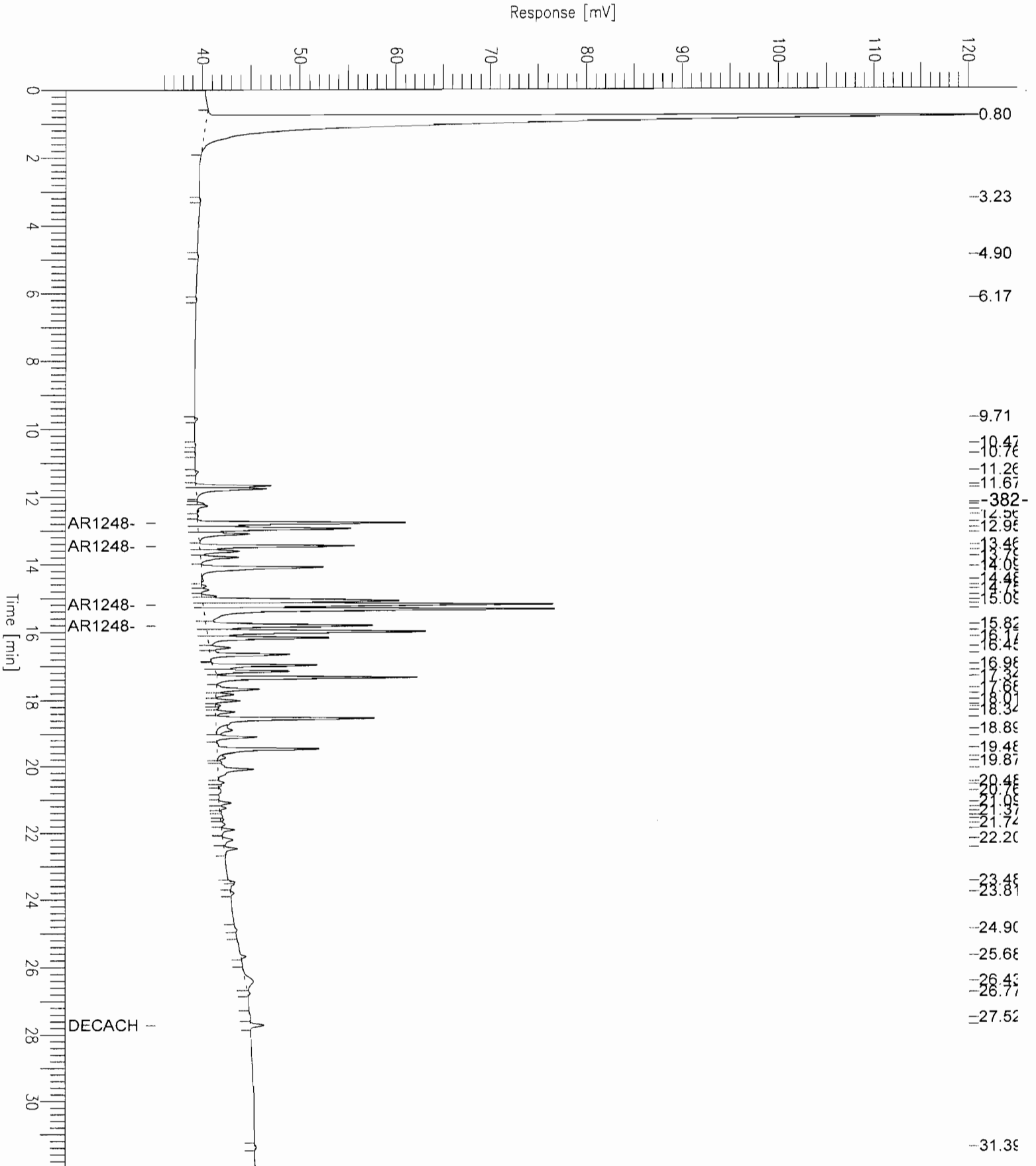
Report stored in ASCII file: C:\DATA65\HC09012.TX0

Chromatogram - ECD#1

Sample Name : u0511380-020a
FileName : C:\DATA65\Hc09012.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 35 mV

Sample #: 12
Date : 12/11/05 04:40 PM
Page 1 of 1
Time of Injection: 12/9/05 08:59 PM
Low Point : 35.12 mV
High Point : 120.02 mV
Plot Scale: 84.9 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-020a

Time : 12/22/05 03:17 PM

Sample Number: 13

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/12

Interface Serial # : NONE Data Acquisition Time: 12/9/05 09:36 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09013.RAW

Result File : C:\DATA65\IC09013.RST

Inst Method : PCB2CH from C:\DATA65\IC09013.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1000.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 73

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.474	1908		0.08	26.2074
2	1.329	2158739		88.95	29650.7460
3	3.114	444		0.02	6.0972
4	3.744	719		0.03	9.8716
5	3.939	2217		0.09	30.4546
6	4.899	368		0.02	5.0479
7	5.432	597		0.02	8.1975
0	6.255		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	6.812	1124		0.05	15.4403
9	8.032	615		0.03	8.4455
10	9.151	4042		3.26	1086.3685
11	9.853	893		0.72	240.0489
12	10.337	4000		3.23	1075.0915
14	11.102	14353		11.57	3857.5204
15	11.476	7305		9.18	3059.8819
16	11.564	12259		15.40	5134.8887
18	11.961	183708		230.85	76950.7124
19	12.069	145053		182.28	60758.8867
21	12.831	68587		62.29	20762.5042
22	13.117	229038		208.00	69333.6877
23	13.396	12579		13.36	4451.8226
24	13.633	27620		29.32	9774.9889
25	13.777	167961		178.33	59442.7827
	14.003	836421	AR1248	205.05	68351.6008
27	14.139	535727		568.79	1.8960e+05
28	14.370	95868		101.78	33928.2455
29	14.585	54760		58.14	19379.9619
30	14.785	147759		156.88	52292.9065
31	14.902	145296		154.26	51421.3586
32	14.969	246728		261.96	87318.7796
33	15.518	14496		15.39	5130.1022
34	15.721	96095		102.03	34008.8732
35	15.923	106578		113.16	37718.8916
36	16.107	71009		75.39	25130.5980
37	16.312	228245		242.33	80777.6127
38	16.664	6842		7.26	2421.5032
39	16.754	630		0.67	222.9710
40	16.859	49339		52.38	17461.6031
41	16.961	38937		41.34	13779.9466
42	17.092	206022		218.74	72912.6728
43	17.496	43297		45.97	15323.2593
44	17.696	19451		20.65	6884.0110
45	17.884	800		0.85	283.2263
46	18.134	20549		21.82	7272.6072
47	18.244	128601		136.54	45512.7212
48	18.484	19579		20.79	6928.9934
49	18.657	11916		12.65	4217.2870
50	18.879	74743		79.36	26452.1178
51	19.066	18100		19.22	6405.8288
52	19.178	21200		22.51	7502.8436
53	19.351	11524		12.23	4078.3012
54	19.710	9561		10.15	3383.6926
55	20.046	9054		0.29	98.2983
56	20.144	10215		0.33	110.9044
57	20.378	9241		0.30	100.3229
58	20.556	1886		0.06	20.4801
59	20.648	3036		0.10	32.9652
60	20.776	2876		0.09	31.2187
61	21.015	17290		0.56	187.7129
62	21.368	13718		0.45	148.9286
63	21.469	7681		0.25	83.3855
64	21.783	555		0.02	6.0266
65	22.217	9621		0.31	104.4507
66	22.342	1155		0.04	12.5407
67	23.170	429		0.01	4.6529
68	23.593	2699		0.09	29.3056
69	24.169	7711		0.25	83.7178
70	25.123	10070		0.33	109.3268
71	25.230	6678		0.22	72.5034
72	26.076	22776	Decachlorobiphenyl	0.74	247.2780
73	29.090	12379		0.40	134.3934
				3820.23	1.2734e+06

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
26	14.003	295499	AR1248-4	313.74	1.0458e+05
13	10.685	151408	AR1248-1	122.08	40693.7648
17	11.829	205995	AR1248-2	258.86	86286.0326
20	12.712	183519	AR1248-3	166.66	55554.2187

836421

861.34

2.8711e+05

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

Report stored in ASCII file: C:\DATA65\IC09013.TX0

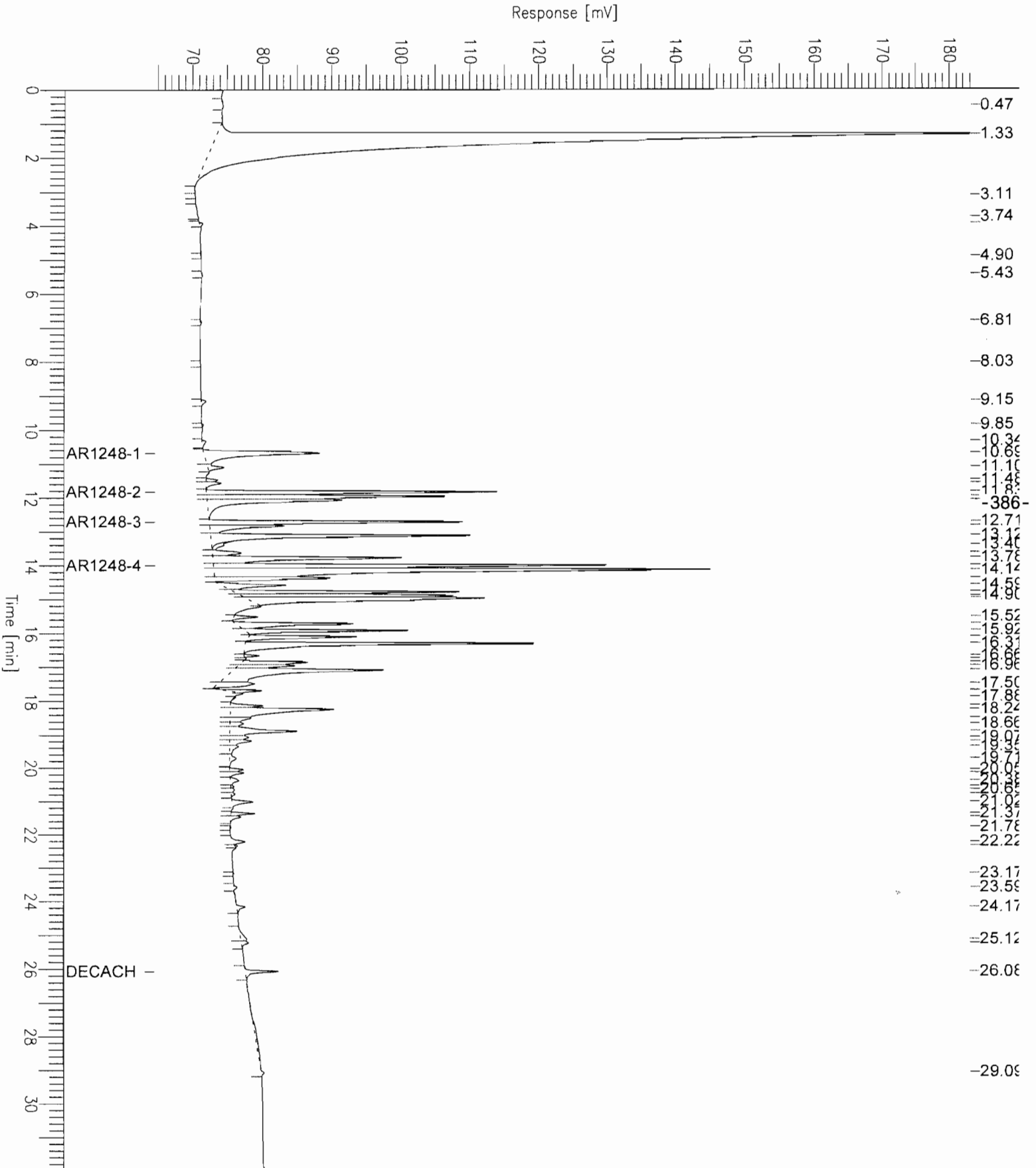
Chromatogram - ECD#1

Sample Name : u0511380-020a
FileName : C:\DATA65\Ic09013.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 65 mV

Sample #: 13
Date : 12/22/05 03:18 PM
Time of Injection: 12/9/05 09:36 PM
Low Point : 64.63 mV
High Point : 183.03 mV
Plot Scale: 118.4 mV

Page 1 of 1



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-121

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-021A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 15.13

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

9:36PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		390	U
11104-28-2	Aroclor 1221		390	U
11141-16-5	Aroclor 1232		390	U
53469-21-9	Aroclor 1242		390	U
12672-29-6	Aroclor 1248		2942	
11097-69-1	Aroclor 1254		390	U
11096-82-5	Aroclor 1260		390	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 Client Sample ID: SS-121
 Lab Order: U0511380 Collection Date: 11/22/2005 12:10:00 PM
 Project: Luster-Coate Metallizing Site 828113
 Lab ID: U0511380-021 Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.1	0.00100		wt%	1	12/7/2005

Approved By: _____ Date: _____ Page 21 of 30

Qualifiers: * Low Level ** Value exceeds Maximum Contaminant Value
 B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>
Sample Name : u0511380-021a
Sample Number: 29
Operator : manager

Time : 12/9/05 11:01 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/29

Interface Serial # : NONE Data Acquisition Time: 12/6/05 10:59 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05029.RAW
Result File : C:\DATA65\HC05029.RST
Inst Method : PCB2CH from C:\DATA65\HC05029.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-389-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 130

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.806	12989040		1459.36	486.4522
2	2.384	8756		0.98	0.3279
3	2.472	4108		0.46	0.1538
4	2.635	4548		0.51	0.1703
5	3.044	258		0.03	0.0097
6	3.178	3954		0.44	0.1481
7	3.645	1197		0.13	0.0448
8	3.810	373		0.04	0.0140

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.977	487		0.05	0.0182
10	4.401	12624		1.42	0.4728
11	4.571	3006		0.34	0.1126
12	5.231	9370		1.05	0.3509
13	5.575	12684		1.43	0.4750
14	5.775	18567		2.09	0.6954
15	6.436	687		0.08	0.0257
16	6.701	157130		17.65	5.8847
17	7.099	126308	Tetrachloro-m-xylene	14.19	4.7303
18	7.389	7933		0.89	0.2971
19	7.560	5288		0.59	0.1980
20	7.688	3679		0.41	0.1378
21	8.161	4272		0.48	0.1600
22	8.375	2272		0.26	0.0851
23	8.769	43898		4.93	1.6440
24	8.978	11393		1.28	0.4267
25	9.333	1332		0.15	0.0499
26	9.547	1657		0.19	0.0620
27	9.703	44350		4.98	1.6609
28	9.805	18033		2.03	0.6754
29	10.040	8290		20.89	6.9629
30	10.346	30252		76.22	25.4080
31	10.465	25272		63.68	21.2251
32	10.735	22159		55.83	18.6108
33	11.133	1226		3.09	1.0299
34	11.263	21391		53.90	17.9655
35	11.675	247024		622.41	207.4684
36	11.763	291051		733.34	244.4455
37	12.202	57816		145.67	48.5582
38	12.262	51048		128.62	42.8736
39	12.419	25128		63.31	21.1044
40	12.566	9836		24.78	8.2608
42	12.950	1167420		2941.45	980.4830
43	13.102	453060		1141.54	380.5119
45	13.619	395066		988.49	329.4950
46	13.795	361075		903.44	301.1457
47	14.094	1357784		3397.28	1132.4266
48	14.478	18760		37.86	12.6201
49	14.645	35504		71.65	23.8838
50	14.758	66384		133.97	44.6563
51	14.943	76067		153.51	51.1703
52	15.086	1762303		3556.49	1185.4978
	15.196	7798554	AR1248	4730.28	1576.7599
54	15.338	4307975		8693.90	2897.9664
55	15.524	1094784		3070.28	1023.4279
57	15.989	2922787		8196.85	2732.2840
58	16.173	1710661		4797.49	1599.1622
59	16.454	307638		862.76	287.5864
60	16.659	1093535		3066.78	1022.2602
61	16.981	2239703		6281.17	2093.7223
62	17.158	1439451		4036.89	1345.6294
63	17.338	3307270		9275.12	3091.7063
64	17.585	179575		503.61	167.8704
65	17.675	899916		2523.78	841.2604
66	17.821	414939		1163.68	387.8938
67	18.012	428109		1200.62	400.2052
68	18.155	65563		183.87	61.2895
69	18.235	78981		221.50	73.8336
70	18.341	345255		968.26	322.7517
71	18.537	2946453		8263.22	2754.4069
72	18.705	78141		219.14	73.0477
73	18.773	97405		273.17	91.0564
74	18.884	397855		1115.77	371.9231
75	19.094	775908		2176.01	725.3351
76	19.230	3929		11.02	3.6726
77	19.470	3208963		8999.42	2999.8068
78	19.737	265839		745.54	248.5123
79	19.871	64667		181.36	60.4517
80	19.983	344544		966.26	322.0867
81	20.083	1338107		3752.67	1250.8915
82	20.237	223532		626.89	208.9624
83	20.365	40698		114.14	38.0454
84	20.482	129135		362.15	120.7182
85	20.572	208169		583.80	194.6012
86	20.694	44163		123.85	41.2841
87	20.765	95114		266.74	88.9145
88	20.905	35543		99.68	33.2263
89	21.086	494146		1385.81	461.9381
90	21.246	226127		634.16	211.3883
91	21.350	66483		186.45	62.1502

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.503	186923		524.22	174.7397
93	21.589	73869		207.16	69.0548
94	21.733	380881		1068.17	356.0554
95	21.886	11732		0.70	0.2321
96	21.979	123869		7.35	2.4502
97	22.169	166986		9.91	3.3031
98	22.295	35965		2.13	0.7114
99	22.472	346818		20.58	6.8604
100	22.629	101777		6.04	2.0132
101	22.806	38780		2.30	0.7671
102	23.003	7816		0.46	0.1546
103	23.173	18158		1.08	0.3592
104	23.312	7838		0.47	0.1550
105	23.478	144919		8.60	2.8666
106	23.549	73770		4.38	1.4592
107	23.811	79081		4.69	1.5643
108	24.040	3278		0.19	0.0648
109	24.342	6809		0.40	0.1347
110	24.560	12947		0.77	0.2561
111	24.678	3385		0.20	0.0670
112	24.894	79016		4.69	1.5630
113	25.085	72057		4.28	1.4253
114	25.683	136201		8.08	2.6942
115	25.924	14088		0.84	0.2787
116	26.299	200749		11.91	3.9710
117	26.771	105467		6.26	2.0862
118	27.377	989666		58.73	19.5765
119	27.715	210555	Decachlorobiphenyl	12.49	4.1650
120	28.153	6927		0.41	0.1370
121	28.497	5781		0.34	0.1144
122	28.775	12099		0.72	0.2393
123	29.217	26318		1.56	0.5206
124	29.358	80443		4.77	1.5912
125	29.616	110784		6.57	2.1914
126	30.133	5673		0.34	0.1122
127	30.487	1895		0.11	0.0375
128	30.986	73652		4.37	1.4569
129	31.384	29145		1.73	0.5765
130	31.677	2522		0.15	0.0499
		63689372		109696.12	36565.3718

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
56	15.816	2353330	AR1248-4	6599.83	2199.9433
41	12.779	1222519	AR1248-1	3080.28	1026.7591
44	13.460	966940	AR1248-2	2419.36	806.4527
53	15.196	3255765	AR1248-3	6570.44	2190.1464
		7798554		18669.90	6223.3016

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 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

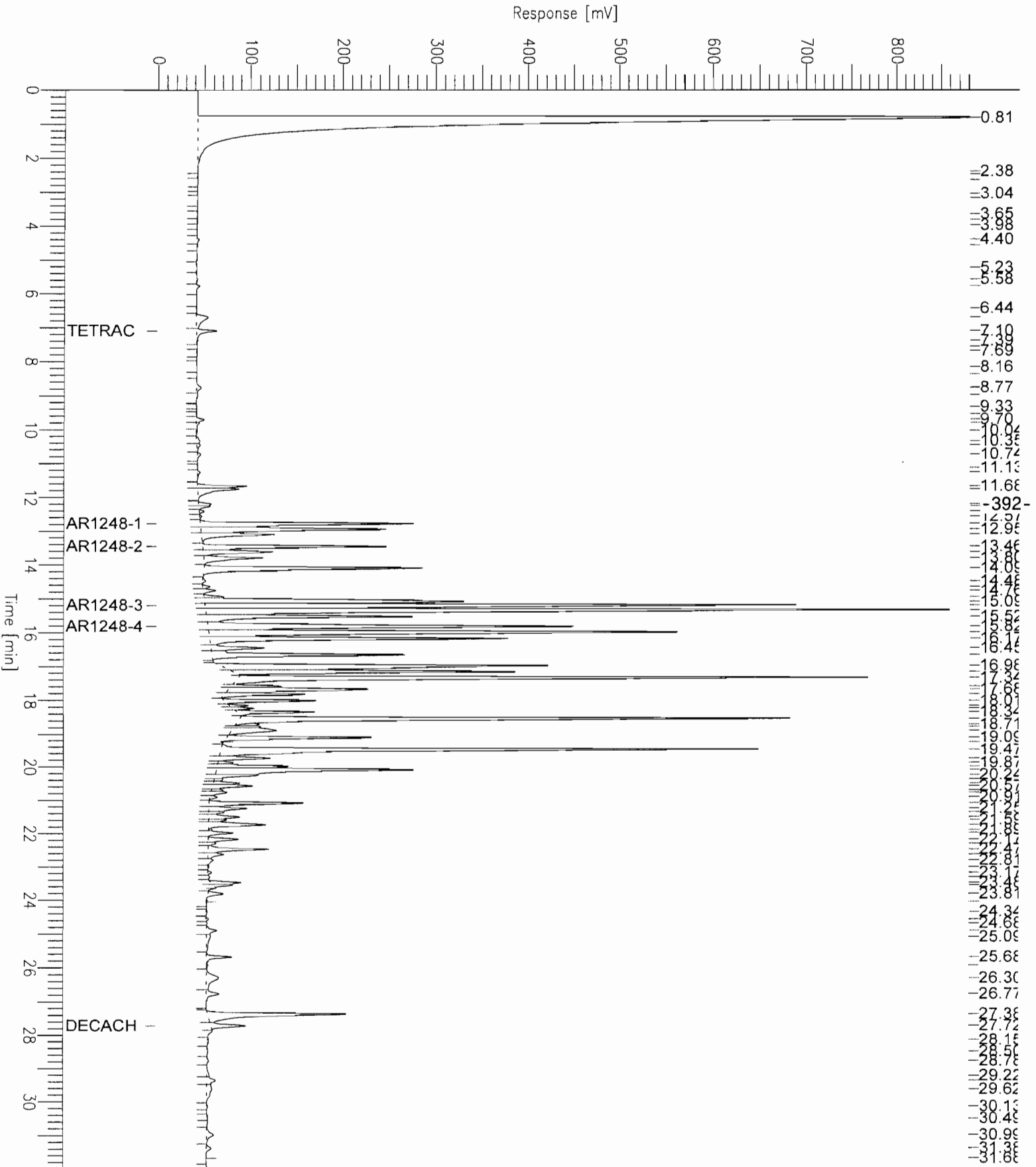
Report stored in ASCII file: C:\DATA65\HC05029.TX0

Chromatogram - ECD#1

Sample Name : u0511380-021a
FileName : C:\DATA65\Hc05029.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: -1 mV

Sample #: 29
Date : 12/9/05 11:01 AM
Time of Injection: 12/6/05 10:59 AM
Low Point : -0.74 mV
Plot Scale: 881.6 mV
High Point : 880.85 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-021a
Sample Number: 30
Operator : manager

Time : 12/9/05 12:47 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/29

Interface Serial # : NONE Data Acquisition Time: 12/6/05 11:35 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05030.RAW
Result File : C:\DATA65\IC05030.RST
Inst Method : PCB2CH from C:\DATA65\IC05030.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 143

PCB REPORT

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HP-SFC CHANNEL I
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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.502	427		0.02	0.0059
2	1.310	25219771		1039.20	346.3990
3	3.208	4175		0.17	0.0573
4	3.553	5717		0.24	0.0785
5	3.911	5571		0.23	0.0765
6	4.122	6282		0.26	0.0863
7	4.353	12920		0.53	0.1775
8	5.013	23648		0.97	0.3248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.221	27334		1.13	0.3754
10	5.490	20173		0.83	0.2771
11	5.774	897		0.04	0.0123
12	5.981	1456		0.06	0.0200
13	6.192	301971	Tetrachloro-m-xylene	12.44	4.1476
14	6.509	12911		0.53	0.1773
15	6.630	5569		0.23	0.0765
16	6.765	5877		0.24	0.0807
17	6.953	8472		0.35	0.1164
18	7.142	10471		0.43	0.1438
19	7.367	9523		0.39	0.1308
20	7.513	1486		0.06	0.0204
21	7.611	9977		0.41	0.1370
22	7.702	12388		0.51	0.1701
23	8.040	41531		1.71	0.5704
24	8.246	2706		0.11	0.0372
25	8.423	10245		0.42	0.1407
26	8.516	21479		17.32	5.7730
27	9.015	107474		86.66	28.8858
28	9.159	190626		153.70	51.2343
29	9.340	99644		80.34	26.7811
30	9.853	68010		54.84	18.2791
31	9.952	37045		29.87	9.9566
32	10.014	37273		30.05	10.0178
33	10.337	11927		9.62	3.2055
35	11.114	289649		233.55	77.8486
36	11.262	70635		88.76	29.5872
37	11.465	93056		116.94	38.9786
38	11.570	164331		206.50	68.8343
40	11.959	1694173		2128.94	709.6464
41	12.065	1303492		1638.00	545.9999
42	12.459	9856		8.95	2.9835
43	12.583	2148		1.95	0.6501
45	12.833	872993		792.81	264.2692
46	13.113	2786964		2530.98	843.6597
47	13.402	43553		46.24	15.4139
48	13.606	374009		397.09	132.3647
49	13.769	1638319		1739.44	579.8137
	13.987	9139751	AR1248	2240.68	746.8925
51	14.123	7351162		7804.90	2601.6325
52	14.376	862570		915.81	305.2701
53	14.579	950119		1008.76	336.2543
54	14.781	2859118		3035.59	1011.8639
55	14.895	3841652		4078.77	1359.5901
56	14.966	4350363		4618.88	1539.6269
57	15.225	290778		308.73	102.9085
58	15.518	304514		323.31	107.7699
59	15.717	2269016		2409.07	803.0223
60	15.919	3476251		3690.82	1230.2718
61	16.103	2341865		2486.41	828.8041
62	16.293	5440986		5776.82	1925.6067
63	16.586	39432		41.87	13.9554
64	16.666	462155		490.68	163.5603
65	16.751	252070		267.63	89.2095
66	16.857	2977649		3161.44	1053.8130
67	17.070	4849846		5149.19	1716.3976
68	17.300	82800		87.91	29.3036
69	17.486	569673		604.83	201.6116
70	17.569	131815		139.95	46.6505
71	17.689	902612		958.32	319.4414
72	17.785	339150		360.08	120.0278
73	17.887	76828		81.57	27.1900
74	18.132	934465		992.14	330.7143
75	18.223	5153031		5471.09	1823.6972
76	18.489	244292		259.37	86.4568
77	18.655	442948		470.29	156.7627
78	18.867	2785725		2957.67	985.8893
79	19.035	1084008		1150.92	383.6389
80	19.182	597359		634.23	211.4099
81	19.362	166978		177.28	59.0949
82	19.418	177609		188.57	62.8574
83	19.501	140322		148.98	49.6610
84	19.683	619074		657.28	219.0949
85	19.888	27711		29.42	9.8070
86	20.037	594446		19.36	6.4538
87	20.143	269060		8.76	2.9211
88	20.309	617297		20.11	6.7019
89	20.468	19944		0.65	0.2165
90	20.552	194851		6.35	2.1154
91	20.630	212332		6.92	2.3052

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	20.782	254891		8.30	2.7673
93	20.997	920977		30.00	9.9988
94	21.196	187918		6.12	2.0402
95	21.366	98772		3.22	1.0723
96	21.585	37630		1.23	0.4085
97	21.748	21280		0.69	0.2310
98	21.908	13461		0.44	0.1461
99	22.066	158703		5.17	1.7230
100	22.215	558199		18.18	6.0602
101	22.343	135688		4.42	1.4731
102	22.410	132900		4.33	1.4429
103	22.574	61323		2.00	0.6658
104	22.767	10841		0.35	0.1177
105	22.878	18516		0.60	0.2010
106	23.042	16803		0.55	0.1824
107	23.176	30754		1.00	0.3339
108	23.336	21468		0.70	0.2331
109	23.586	98330		3.20	1.0675
110	23.772	3256		0.11	0.0354
111	23.835	2394		0.08	0.0260
112	23.981	17018		0.55	0.1848
113	24.161	272916		8.89	2.9630
114	24.264	30902		1.01	0.3355
115	24.354	28271		0.92	0.3069
116	24.530	21007		0.68	0.2281
117	24.692	2669		0.09	0.0290
118	25.099	277560		9.04	3.0134
119	25.230	162153		5.28	1.7605
120	25.349	29158		0.95	0.3166
121	25.582	2597		0.08	0.0282
122	25.709	98444		3.21	1.0688
123	25.858	1097032		35.73	11.9102
124	26.075	666804	Decachlorobiphenyl	21.72	7.2393
125	26.678	165542		5.39	1.7972
126	27.137	15775		0.51	0.1713
127	27.296	17702		0.58	0.1922
128	27.527	136926		4.46	1.4866
129	27.847	21309		0.69	0.2313
130	28.023	26820		0.87	0.2912
131	28.204	4458		0.15	0.0484
132	28.489	84783		2.76	0.9205
133	28.884	12157		0.40	0.1320
134	29.080	103001		3.35	1.1183
135	29.312	37908		1.23	0.4116
136	29.623	1248		0.04	0.0136
137	30.247	92653		3.02	1.0059
138	30.474	37179		1.21	0.4036
139	30.857	21995		0.72	0.2388
140	31.168	17260		0.56	0.1874
141	31.427	2652		0.09	0.0288
142	31.582	9886		0.32	0.1073
143	31.729	2280		0.07	0.0248
		110423950		74900.75	24966.9166

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
50	13.987	4600741	AR1248-4	4884.71	1628.2375
34	10.679	899627	AR1248-1	725.38	241.7918
39	11.824	1890617	AR1248-2	2375.80	791.9318
44	12.709	1748765	AR1248-3	1588.14	529.3799
		9139751		9574.02	3191.3410

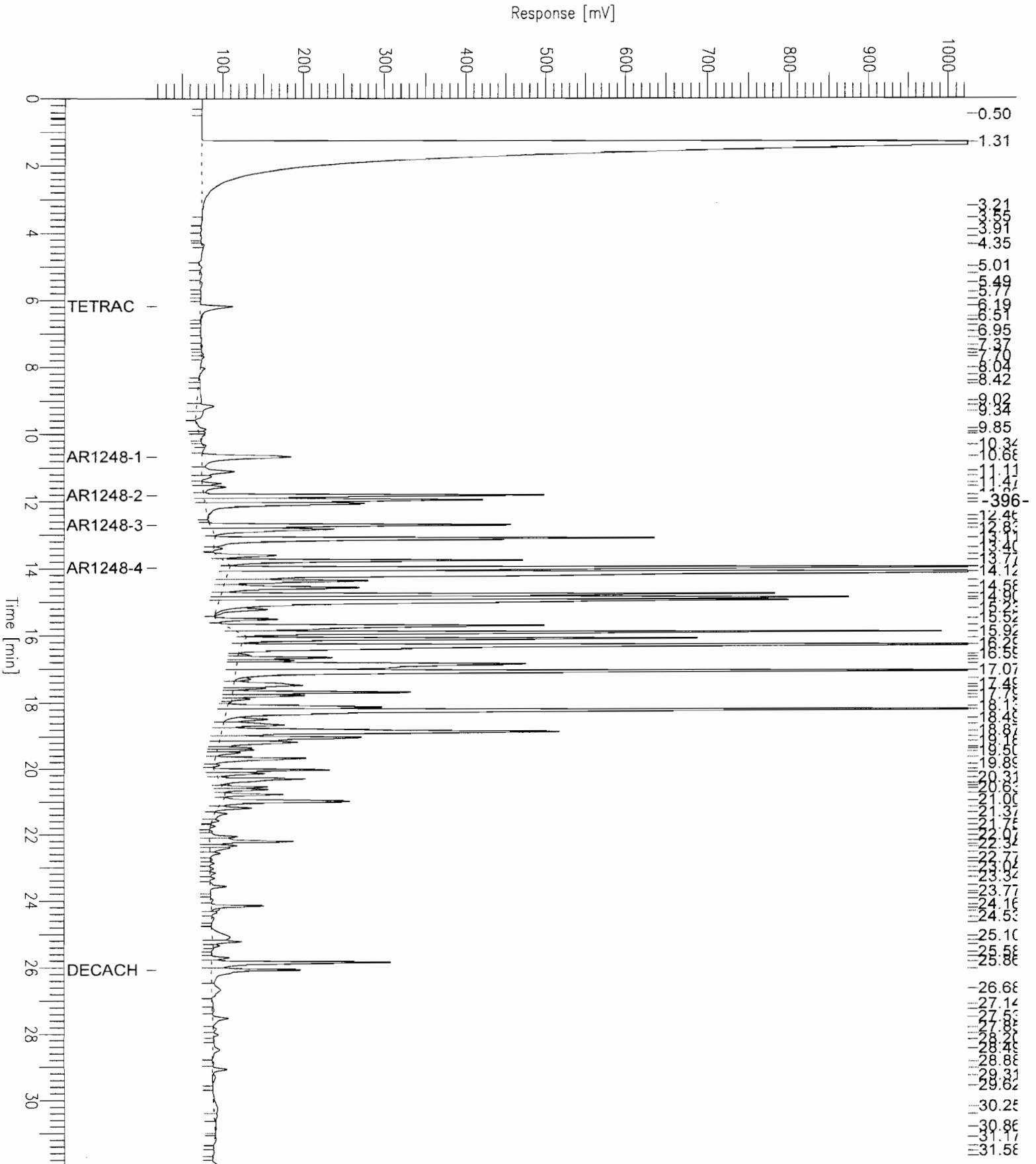
=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Chromatogram - ECD#1

Sample Name : u0511380-021a
 FileName : C:\DATA65\Ic05030.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 19 mV

Sample #: 30
 Date : 12/9/05 12:47 PM
 Time of Injection: 12/6/05 11:35 AM
 Low Point : 19.28 mV
 Plot Scale: 1004.7 mV
 High Point : 1024.00 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-021a
Sample Number: 13
Operator : manager

Time : 12/11/05 04:41 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/13

Interface Serial # : NONE Data Acquisition Time: 12/9/05 09:36 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09013.RAW
Result File : C:\DATA65\HC09013.RST
Inst Method : PCB2CH from C:\DATA65\HC09013.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 102

PCB REPORT

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HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.805	2699719		303.32	1011.0712
2	3.226	597		0.07	0.2237
3	4.400	982		0.11	0.3679
4	4.892	1779		0.20	0.6663
5	5.576	440		0.05	0.1647
6	5.770	1457		0.16	0.5456
7	6.169	951		0.11	0.3561
8	6.688	28565		3.21	10.6980

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.097	10938	Tetrachloro-m-xylene	1.23	4.0964
10	7.806	625		0.07	0.2342
11	8.758	9782		1.10	3.6636
12	8.980	2876		0.32	1.0770
13	9.703	3446		0.39	1.2904
14	10.351	4605		11.60	38.6722
15	10.775	581		1.46	4.8813
16	11.269	916		2.31	7.6962
17	11.676	27244		68.65	228.8180
18	11.761	28572		71.99	239.9641
19	12.200	2393		6.03	20.0947
20	12.417	2366		5.96	19.8755
21	12.564	1945		4.90	16.3356
23	12.950	145344		366.21	1220.7029
24	13.101	53866		135.72	452.4081
26	13.617	42789		107.06	356.8738
27	13.793	36505		91.34	304.4578
28	14.094	129345		323.63	1078.7710
29	14.476	2698		5.44	18.1478
30	14.644	3933		7.94	26.4556
31	14.756	8402		16.96	56.5224
32	14.941	6306		12.73	42.4213
33	15.080	213027		429.91	1433.0297
	15.193	955654	AR1248	579.66	1932.2012
35	15.335	507816		1024.82	3416.0648
36	15.529	36819		103.26	344.1890
38	15.985	338046		948.04	3160.1231
39	16.172	191382		536.72	1789.0792
40	16.450	22228		62.34	207.7904
41	16.659	118088		331.17	1103.9142
42	16.979	204966		574.82	1916.0622
43	17.158	141300		396.27	1320.9022
44	17.338	384192		1077.45	3591.5100
45	17.584	24232		67.96	226.5229
46	17.674	91259		255.93	853.1047
47	17.825	49798		139.66	465.5224
48	18.011	51781		145.22	484.0557
49	18.154	10801		30.29	100.9681
50	18.235	13219		37.07	123.5714
51	18.338	129597		363.45	1211.5021
52	18.538	404536		1134.51	3781.6928
53	18.699	24461		68.60	228.6676
54	18.774	18080		50.70	169.0137
55	18.876	68343		191.66	638.8820
56	19.094	102490		287.43	958.0991
57	19.270	3188		8.94	29.8024
58	19.471	314088		880.85	2936.1597
59	19.736	31065		87.12	290.4061
60	19.868	9801		27.49	91.6243
61	19.982	36557		102.52	341.7408
62	20.084	127315		357.05	1190.1653
63	20.247	35096		98.43	328.0876
64	20.477	24472		68.63	228.7726
65	20.571	24534		68.80	229.3489
66	20.691	6086		17.07	56.8923
67	20.764	13403		37.59	125.2901
68	20.901	4796		13.45	44.8324
69	21.084	45349		127.18	423.9358
70	21.243	21398		60.01	200.0335
71	21.350	7268		20.38	67.9439
72	21.501	18558		52.05	173.4862
73	21.588	7476		20.97	69.8905
74	21.731	39189		109.90	366.3439
75	21.883	1251		0.07	0.2474
76	21.978	12456		0.74	2.4639
77	22.168	16751		0.99	3.3136
78	22.296	3070		0.18	0.6072
79	22.471	35672		2.12	7.0562
80	22.631	14554		0.86	2.8789
81	22.810	7389		0.44	1.4616
82	23.006	2696		0.16	0.5333
83	23.172	3318		0.20	0.6563
84	23.313	1835		0.11	0.3629
85	23.477	16708		0.99	3.3050
86	23.548	15382		0.91	3.0427
87	23.809	10700		0.63	2.1165
88	24.405	604		0.04	0.1195
89	24.563	1393		0.08	0.2756
90	24.890	7924		0.47	1.5674
91	25.056	1294		0.08	0.2559

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.681	13064		0.78	2.5843
93	25.918	1119		0.07	0.2213
94	26.286	321		0.02	0.0635
95	26.771	7086		0.42	1.4018
96	27.378	103072		6.12	20.3887
97	27.713	24014	Decachlorobiphenyl	1.43	4.7502
98	28.992	1329		0.08	0.2628
99	29.356	8088		0.48	1.6000
100	30.142	354		0.02	0.0700
101	30.999	6767		0.40	1.3385
102	31.385	3445		0.20	0.6815
		8453377		12564.72	41882.4052

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
37	15.814	250755	AR1248-4	703.23	2344.1100
22	12.779	203631	AR1248-1	513.07	1710.2390
25	13.460	107558	AR1248-2	269.12	897.0648
34	15.193	393710	AR1248-3	794.54	2648.4802
		955654		2279.97	7599.8939

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

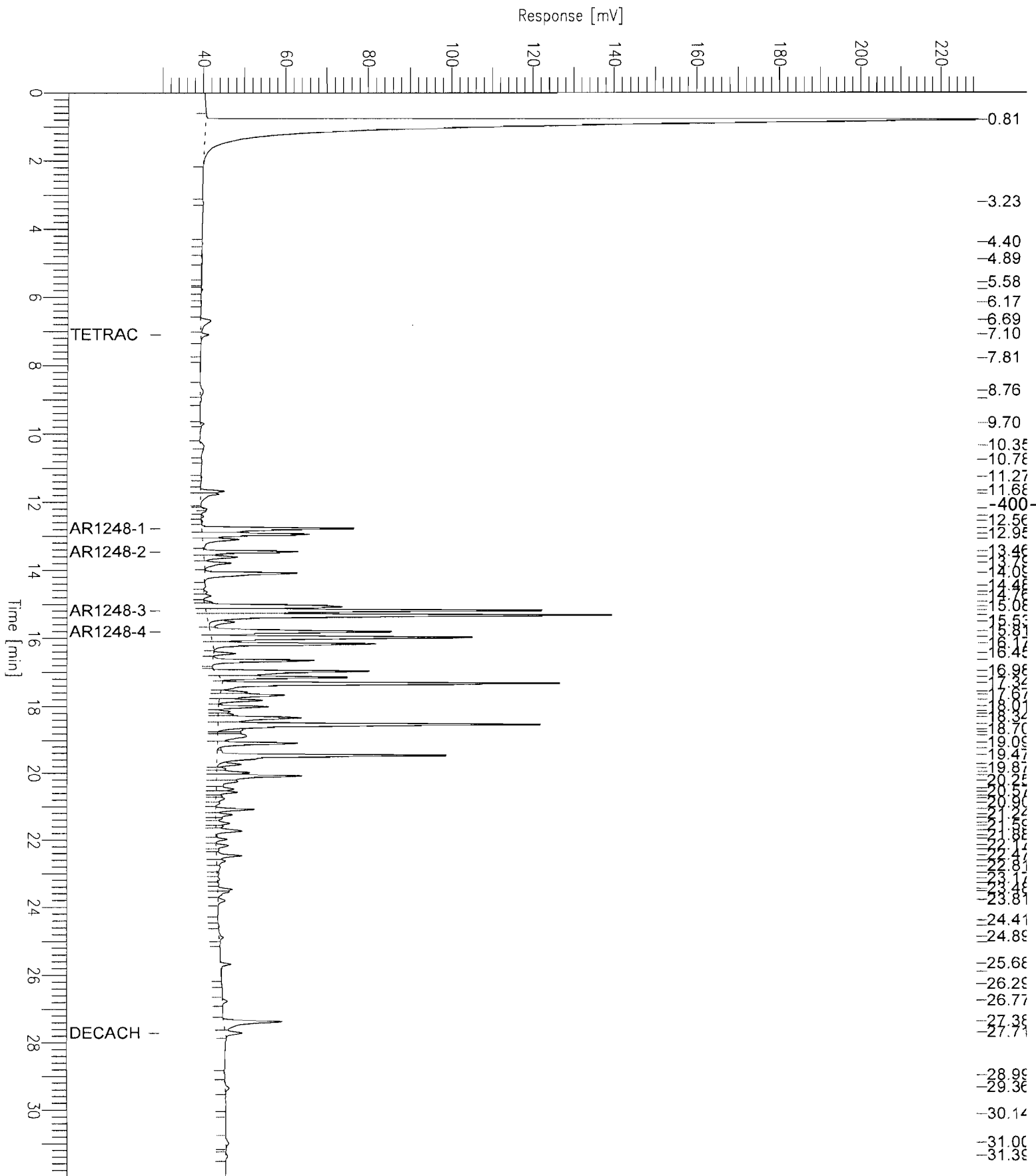
Report stored in ASCII file: C:\DATA65\HC09013.TX0

Chromatogram - ECD#1

Sample Name : u0511380-021a
 FileName : C:\DATA65\Hc09013.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 30 mV

Sample #: 13
 Date : 12/11/05 04:41 PM
 Time of Injection: 12/9/05 09:36 PM
 Low Point : 29.61 mV
 High Point : 228.81 mV
 Plot Scale: 199.2 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-021a
Sample Number: 14
Operator : manager

Time : 12/22/05 03:18 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/13

Interface Serial # : NONE Data Acquisition Time: 12/9/05 10:12 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09014.RAW
Result File : C:\DATA65\IC09014.RST
Inst Method : PCB2CH from C:\DATA65\IC09014.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-401-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 113

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.487	10794		0.44	1.4826
2	1.333	5254875		216.53	721.7683
3	3.555	197		0.01	0.0270
4	3.746	249		0.01	0.0341
5	3.936	3190		0.13	0.4381
6	4.093	2363		0.10	0.3245
7	4.352	2546		0.10	0.3497
8	5.017	2293		0.09	0.3149

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.225	511		0.02	0.0701
10	5.541	1583		0.07	0.2175
11	6.191	32144	Tetrachloro-m-xylene	1.32	4.4151
12	6.794	847		0.03	0.1163
13	7.295	3713		0.15	0.5100
14	7.606	1022		0.04	0.1404
15	7.701	1990		0.08	0.2733
16	8.038	4310		0.18	0.5920
17	8.427	862		0.04	0.1184
18	8.524	912		0.74	2.4507
19	9.158	11617		9.37	31.2235
20	9.855	27289		22.00	73.3447
21	9.950	7949		6.41	21.3639
22	10.015	5174		4.17	13.9070
23	10.340	10526		8.49	28.2914
25	11.112	44753		36.08	120.2820
26	11.260	16607		20.87	69.5635
27	11.468	11487		14.43	48.1160
28	11.571	24216		30.43	101.4343
30	11.961	259537		326.14	1087.1349
31	12.066	188326		236.66	788.8509
33	12.835	108360		98.41	328.0227
34	13.116	356694		323.93	1079.7709
35	13.403	5769		6.13	20.4169
36	13.606	39334		41.76	139.2068
37	13.774	196527		208.66	695.5239
	13.999	1332746	AR1248	326.73	1089.1089
39	14.138	1175611		1248.17	4160.5779
40	14.371	147002		156.07	520.2499
41	14.585	98880		104.98	349.9423
42	14.783	471048		500.12	1667.0763
43	14.900	399603		424.27	1414.2244
44	14.968	774951		822.78	2742.6118
45	15.220	65722		69.78	232.5967
46	15.509	25588		27.17	90.5563
47	15.720	318862		338.54	1128.4758
48	15.921	429163		455.65	1518.8401
49	16.106	284122		301.66	1005.5305
50	16.310	841159		893.08	2976.9272
51	16.577	4146		4.40	14.6741
52	16.666	57971		61.55	205.1621
53	16.754	23561		25.01	83.3826
54	16.863	389885		413.95	1379.8329
55	17.085	754230		800.78	2669.2791
56	17.482	82514		87.61	292.0232
57	17.566	21175		22.48	74.9393
58	17.692	133661		141.91	473.0368
59	17.785	66938		71.07	236.8990
60	18.133	116631		123.83	412.7658
61	18.238	667438		708.63	2362.1149
62	18.491	42954		45.61	152.0186
63	18.657	64965		68.97	229.9153
64	18.871	365748		388.32	1294.4090
65	19.054	151178		160.51	535.0315
66	19.176	92391		98.09	326.9781
67	19.360	24990		26.53	88.4407
68	19.420	26112		27.72	92.4115
69	19.500	21628		22.96	76.5443
70	19.684	83560		88.72	295.7246
71	19.897	2062		2.19	7.2961
72	20.037	57001		1.86	6.1885
73	20.143	31803		1.04	3.4528
74	20.321	72773		2.37	7.9008
75	20.552	22793		0.74	2.4746
76	20.632	19950		0.65	2.1660
77	20.784	28031		0.91	3.0432
78	20.995	105956		3.45	11.5034
79	21.190	23171		0.75	2.5156
80	21.372	8561		0.28	0.9294
81	21.747	2674		0.09	0.2903
82	22.073	19982		0.65	2.1694
83	22.214	67222		2.19	7.2981
84	22.342	17935		0.58	1.9471
85	22.409	17877		0.58	1.9408
86	22.576	11531		0.38	1.2519
87	22.773	3297		0.11	0.3579
88	22.878	2165		0.07	0.2351
89	23.044	3034		0.10	0.3294
90	23.171	5392		0.18	0.5854
91	23.335	3871		0.13	0.4203

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.497	671		0.02	0.0728
93	23.590	8499		0.28	0.9227
94	23.999	1292		0.04	0.1403
95	24.162	32149		1.05	3.4903
96	24.351	3342		0.11	0.3628
97	24.537	972		0.03	0.1056
98	25.230	18311		0.60	1.9880
99	25.360	5846		0.19	0.6346
100	25.635	1827		0.06	0.1984
101	25.880	103752		3.38	11.2641
102	26.073	74587	Decachlorobiphenyl	2.43	8.0978
103	26.685	4262		0.14	0.4628
104	26.833	7344		0.24	0.7974
105	27.323	10607		0.35	1.1515
106	27.531	15388		0.50	1.6706
107	28.021	10640		0.35	1.1552
108	28.542	15793		0.51	1.7146
109	28.893	1869		0.06	0.2029
110	29.080	8184		0.27	0.8885
111	30.871	1003		0.03	0.1089
112	31.170	707		0.02	0.0767
113	31.446	293		0.01	0.0318
		17049113		10701.67	35672.2322

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
38	13.999	673193	AR1248-4	714.74	2382.4829
24	10.680	116998	AR1248-1	94.34	314.4550
29	11.827	295549	AR1248-2	371.39	1237.9818
32	12.711	247005	AR1248-3	224.32	747.7259
		1332746		1404.79	4682.6456

-403-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

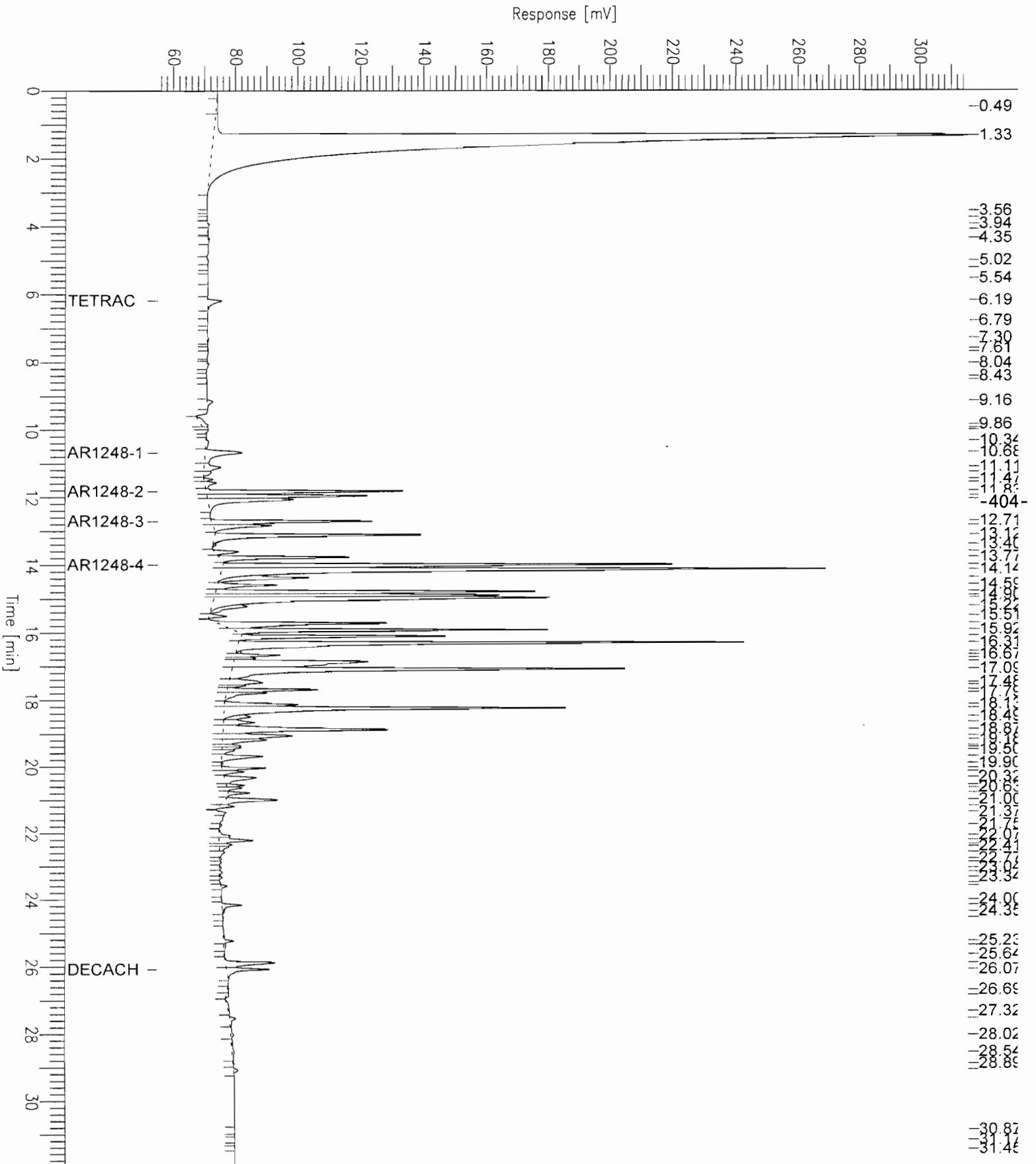
Report stored in ASCII file: C:\DATA65\IC09014.TX0

Chromatogram - ECD#1

Sample Name : u0511380-021a
 FileName : C:\DATA65\Ic09014.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 55 mV

Sample #: 14
 Date : 12/22/05 03:18 PM
 Time of Injection: 12/9/05 10:12 PM
 Low Point : 55.01 mV
 Plot Scale: 260.5 mV
 High Point : 315.54 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-122

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-022A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 20.6

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

11:25PM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		420	U
11104-28-2	Aroclor 1221		420	U
11141-16-5	Aroclor 1232		420	U
53469-21-9	Aroclor 1242		420	U
12672-29-6	Aroclor 1248		3155	
11097-69-1	Aroclor 1254		420	U
11096-82-5	Aroclor 1260		420	U

-405-

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-122
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:20:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-022 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	20.6	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 22 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>

Sample Name : u0511380-022a

Time : 12/9/05 11:01 AM

Sample Number: 32

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/32

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:47 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05032.RAW

Result File : C:\DATA65\HC05032.RST

Inst Method : PCB2CH from C:\DATA65\HC05032.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-407-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 117

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.815	6527906		733.43	244.4765
2	1.791	3531		0.40	0.1322
3	2.386	2073		0.23	0.0776
4	2.475	2534		0.28	0.0949
5	3.171	3187		0.36	0.1194
6	3.647	4270		0.48	0.1599
7	3.975	857		0.10	0.0321
8	4.401	5380		0.60	0.2015

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.576	7689		0.86	0.2880
10	5.231	1166		0.13	0.0437
11	5.576	4513		0.51	0.1690
12	5.779	25707		2.89	0.9627
13	6.692	34980		3.93	1.3100
14	7.102	119631	Tetrachloro-m-xylene	13.44	4.4803
15	7.565	9781		1.10	0.3663
16	7.683	4007		0.45	0.1501
17	8.201	3092		0.35	0.1158
18	8.378	4026		0.45	0.1508
19	8.557	1538		0.17	0.0576
20	8.782	50011		5.62	1.8730
21	9.334	439		0.05	0.0164
22	9.710	85331		9.59	3.1957
23	10.043	6818		17.18	5.7263
24	10.353	17415		43.88	14.6263
25	10.469	30240		76.19	25.3974
26	10.732	33140		83.50	27.8337
27	11.268	37748		95.11	31.7037
28	11.678	577930		1456.16	485.3869
29	11.765	606333		1527.73	509.2422
30	12.273	214088		539.42	179.8066
31	12.421	30060		75.74	25.2465
32	12.567	9498		23.93	7.9767
34	12.955	1377235		3470.10	1156.7006
35	13.107	474918		1196.61	398.8700
37	13.622	448697		1122.67	374.2246
38	13.799	377644		944.90	314.9650
39	14.098	1511509		3781.91	1260.6373
40	14.479	18654		37.64	12.5482
41	14.646	46310		93.46	31.1528
42	14.760	56172		113.36	37.7868
43	14.944	133517		269.45	89.8164
44	15.090	1976008		3987.77	1329.2566
	15.195	8237908	AR1248	4996.77	1665.5911
46	15.338	3787535		7643.60	2547.8674
47	15.522	1141096		3200.16	1066.7213
49	15.996	2726352		7645.95	2548.6517
50	16.173	1347240		3778.29	1259.4288
51	16.456	221788		622.00	207.3320
52	16.661	779686		2186.60	728.8667
53	16.983	1659336		4653.55	1551.1829
54	17.160	997926		2798.65	932.8822
55	17.340	2159963		6057.54	2019.1800
56	17.676	627885		1760.88	586.9599
57	17.822	312941		877.63	292.5437
58	18.014	289102		810.78	270.2587
59	18.156	53449		149.90	49.9656
60	18.233	24213		67.90	22.6348
61	18.342	225325		631.92	210.6391
62	18.539	2014158		5648.63	1882.8780
63	18.885	302705		848.93	282.9753
64	19.096	507294		1422.69	474.2296
65	19.472	2026609		5683.55	1894.5172
66	19.735	141995		398.22	132.7402
67	19.872	49145		137.83	45.9422
68	19.982	136589		383.06	127.6862
69	20.086	743689		2085.65	695.2167
70	20.242	133737		375.06	125.0201
71	20.391	25253		70.82	23.6071
72	20.483	78541		220.27	73.4220
73	20.571	68719		192.72	64.2395
74	20.696	24464		68.61	22.8698
75	20.758	24866		69.74	23.2457
76	20.908	20209		56.67	18.8916
77	21.089	240498		674.47	224.8230
78	21.244	110243		309.17	103.0577
79	21.359	33149		92.96	30.9880
80	21.499	62084		174.11	58.0372
81	21.593	37920		106.35	35.4487
82	21.733	128627		360.73	120.2435
83	21.882	5323		0.32	0.1053
84	21.979	31361		1.86	0.6204
85	22.169	102115		6.06	2.0199
86	22.296	22169		1.32	0.4385
87	22.472	171053		10.15	3.3836
88	22.628	21038		1.25	0.4162
89	22.812	789		0.05	0.0156
90	23.016	1099		0.07	0.0217
91	23.175	11096		0.66	0.2195

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.318	5598		0.33	0.1107
93	23.479	86817		5.15	1.7173
94	23.546	50981		3.03	1.0085
95	23.638	18390		1.09	0.3638
96	23.810	47257		2.80	0.9348
97	24.366	8768		0.52	0.1734
98	24.562	5319		0.32	0.1052
99	24.689	268		0.02	0.0053
100	24.895	34023		2.02	0.6730
101	25.079	31350		1.86	0.6201
102	25.339	113356		6.73	2.2423
103	25.682	48393		2.87	0.9573
104	25.814	6180		0.37	0.1223
105	25.930	1270		0.08	0.0251
106	26.285	1965376		116.63	38.8769
107	26.770	122244		7.25	2.4181
108	27.375	263316		15.63	5.2086
109	27.717	197686	Decachlorobiphenyl	11.73	3.9104
110	28.164	10136		0.60	0.2005
111	29.183	31582		1.87	0.6247
112	29.347	5087		0.30	0.1006
113	29.821	39720		2.36	0.7857
114	30.123	36561		2.17	0.7232
115	30.647	56925		3.38	1.1260
116	30.991	18983		1.13	0.3755
117	31.389	27312		1.62	0.5402
		49986763		87208.06	29069.3535

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	15.818	2210016	AR1248-4	6197.91	2065.9697
33	12.783	1498537	AR1248-1	3775.74	1258.5790
36	13.464	1150112	AR1248-2	2877.67	959.2229
45	15.195	3379243	AR1248-3	6819.63	2273.2099
		8237908		19670.94	6556.9815

-409-

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

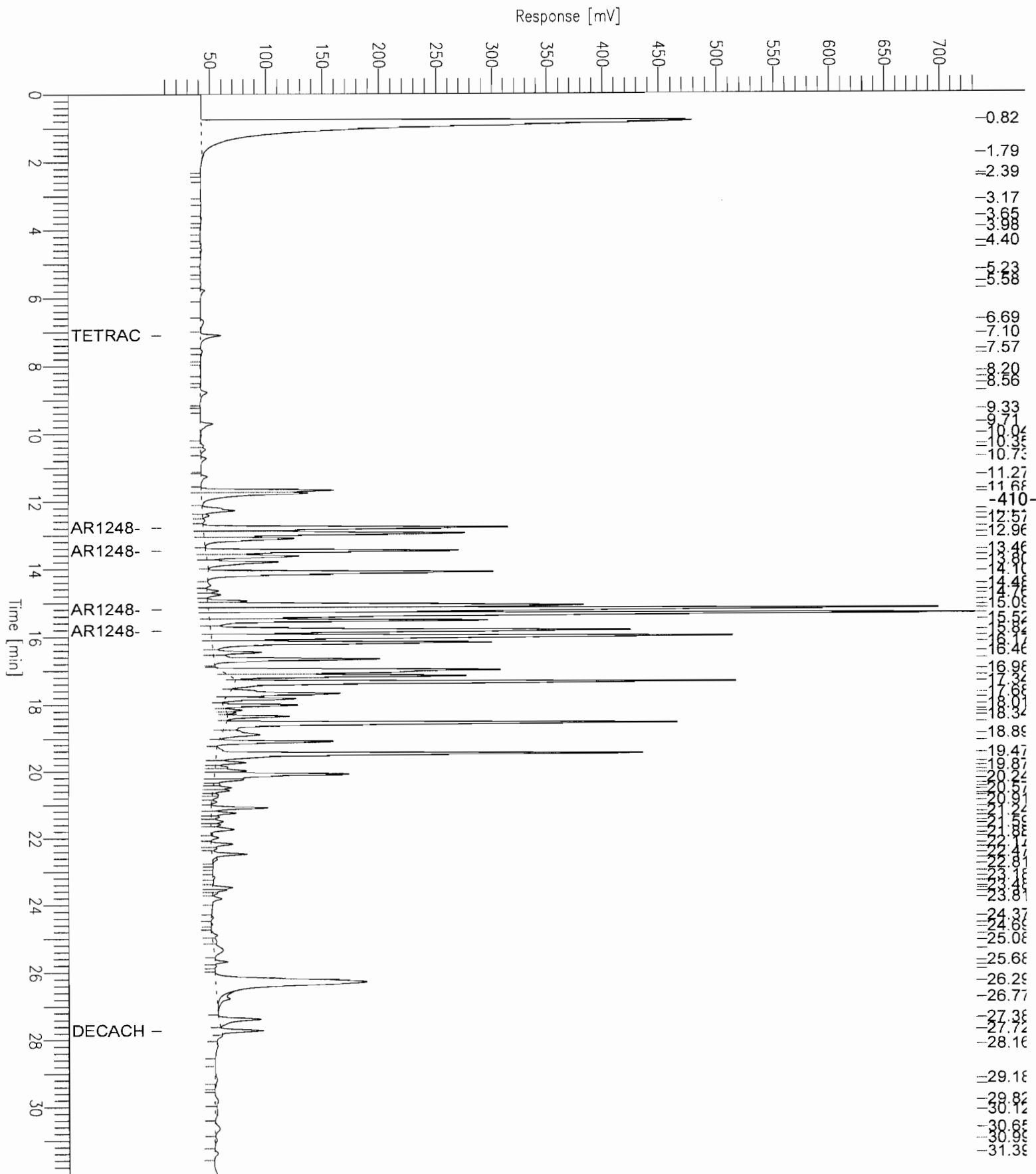
Report stored in ASCII file: C:\DATA65\HC05032.TX0

Chromatogram - ECD#1

Sample Name : u0511380-022a
FileName : C:\DATA65\Hc05032.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 7 mV

Page 1 of 1
Sample #: 32
Date : 12/9/05 11:01 AM
Time of Injection: 12/6/05 12:47 PM
Low Point : 6.69 mV
High Point : 732.51 mV
Plot Scale: 725.8 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-022a

Time : 12/9/05 12:47 PM

Sample Number: 33

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/32

Interface Serial # : NONE Data Acquisition Time: 12/6/05 01:23 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05033.RAW

Result File : C:\DATA65\IC05033.RST

Inst Method : PCB2CH from C:\DATA65\IC05033.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-411-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 133

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.595	1338		0.06	0.0184
2	0.968	1388		0.06	0.0191
3	1.344	12738173		524.88	174.9615
4	2.796	35540		1.46	0.4882
5	3.056	13234		0.55	0.1818
6	3.214	6274		0.26	0.0862
7	3.309	7811		0.32	0.1073
8	3.566	30586		1.26	0.4201

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.918	5342		0.22	0.0734
10	4.107	8413		0.35	0.1156
11	4.349	20417		0.84	0.2804
12	4.460	53851		2.22	0.7396
13	5.012	14952		0.62	0.2054
14	5.226	15651		0.64	0.2150
15	5.493	17632		0.73	0.2422
16	5.758	880		0.04	0.0121
17	5.987	921		0.04	0.0127
18	6.191	302599	Tetrachloro-m-xylene	12.47	4.1563
19	6.777	775		0.03	0.0106
20	7.133	17262		0.71	0.2371
21	7.364	12959		0.53	0.1780
22	7.709	57517		2.37	0.7900
23	8.040	33348		1.37	0.4580
24	8.356	1445		0.06	0.0199
25	8.545	11303		9.11	3.0379
26	8.695	5838		4.71	1.5692
27	9.025	32640		26.32	8.7726
28	9.157	245608		198.04	66.0119
29	9.514	18556		14.96	4.9874
30	9.658	3649		2.94	0.9807
31	9.853	55968		45.13	15.0425
32	9.951	65113		52.50	17.5004
33	10.339	91328		73.64	24.5463
35	11.116	337785		272.36	90.7860
36	11.258	61861		77.74	25.9121
37	11.471	192185		241.50	80.5015
38	11.568	215759		271.13	90.3761
40	11.960	2042917		2567.18	855.7262
41	12.068	1525014		1916.37	638.7898
42	12.582	1560		1.42	0.4721
44	12.835	923145		838.35	279.4512
45	13.117	2796427		2539.57	846.5242
46	13.403	70740		75.11	25.0355
47	13.637	417045		442.79	147.5953
48	13.772	1986819		2109.45	703.1506
	13.997	10496176	AR1248	2573.22	857.7385
50	14.133	7553409		8019.63	2673.2094
51	14.374	509487		540.93	180.3113
52	14.587	470611		499.66	166.5530
53	14.785	1914842		2033.03	677.6773
54	14.897	3808809		4043.90	1347.9669
55	14.963	3242872		3443.03	1147.6773
56	15.225	184187		195.56	65.1853
57	15.521	196031		208.13	69.3768
58	15.722	1516003		1609.58	536.5251
59	15.924	2505439		2660.08	886.6940
60	16.107	1476598		1567.74	522.5793
61	16.311	3772759		4005.62	1335.2082
62	16.589	9640		10.23	3.4115
63	16.669	178979		190.03	63.3421
64	16.757	114511		121.58	40.5263
65	16.861	1773924		1883.42	627.8052
66	17.085	3021025		3207.49	1069.1638
67	17.308	74376		78.97	26.3221
68	17.497	187743		199.33	66.4435
69	17.696	604471		641.78	213.9269
70	17.793	354204		376.07	125.3554
71	17.968	857246		910.16	303.3858
72	18.132	942814		1001.01	333.6692
73	18.237	3500333		3716.38	1238.7947
74	18.490	248487		263.82	87.9416
75	18.659	222883		236.64	78.8800
76	18.872	1452342		1541.99	513.9951
77	19.046	374723		397.85	132.6172
78	19.185	308753		327.81	109.2701
79	19.362	53152		56.43	18.8110
80	19.424	87992		93.42	31.1412
81	19.503	50107		53.20	17.7332
82	19.693	235434		249.97	83.3218
83	19.889	7110		7.55	2.5164
84	20.042	275375		8.97	2.9897
85	20.149	142173		4.63	1.5435
86	20.315	217289		7.08	2.3591
87	20.487	32475		1.06	0.3526
88	20.555	111877		3.64	1.2146
89	20.633	137602		4.48	1.4939
90	20.784	88284		2.88	0.9585
91	21.006	414534		13.50	4.5005

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.200	43352		1.41	0.4707
93	21.374	11749		0.38	0.1276
94	21.455	31406		1.02	0.3410
95	21.751	4671		0.15	0.0507
96	21.911	1224		0.04	0.0133
97	22.072	25751		0.84	0.2796
98	22.219	206595		6.73	2.2430
99	22.347	20879		0.68	0.2267
100	22.578	14126		0.46	0.1534
101	22.720	6645		0.22	0.0721
102	22.881	3265		0.11	0.0355
103	23.049	7686		0.25	0.0834
104	23.189	20253		0.66	0.2199
105	23.494	4646		0.15	0.0504
106	23.591	25132		0.82	0.2729
107	23.740	3626		0.12	0.0394
108	23.994	2819		0.09	0.0306
109	24.165	122317		3.98	1.3280
110	24.272	27913		0.91	0.3030
111	24.361	49310		1.61	0.5353
112	24.691	67960		2.21	0.7378
113	25.107	146567		4.77	1.5912
114	25.233	99476		3.24	1.0800
115	25.353	43114		1.40	0.4681
116	25.718	12403		0.40	0.1347
117	25.869	282459		9.20	3.0666
118	26.080	493267	Decachlorobiphenyl	16.07	5.3553
119	26.675	79677		2.60	0.8650
120	27.085	9908		0.32	0.1076
121	27.547	76193		2.48	0.8272
122	27.797	21049		0.69	0.2285
123	28.015	30661		1.00	0.3329
124	28.121	4971		0.16	0.0540
125	28.498	34178		1.11	0.3711
126	28.663	6979		0.23	0.0758
127	28.900	8307		0.27	0.0902
128	29.087	63491		2.07	0.6893
129	29.332	34735		1.13	0.3771
130	30.446	146985		4.79	1.5958
131	30.752	177773		5.79	1.9300
132	31.161	19256		0.63	0.2091
133	31.445	866		0.03	0.0094
80720289				59425.08	19808.3597

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
49	13.997	4442140	AR1248-4	4716.32	1572.1075
34	10.678	1875684	AR1248-1	1512.38	504.1253
39	11.828	2201812	AR1248-2	2766.85	922.2836
43	12.711	1976540	AR1248-3	1794.99	598.3310
10496176				10790.54	3596.8475

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\IC05033.TX0

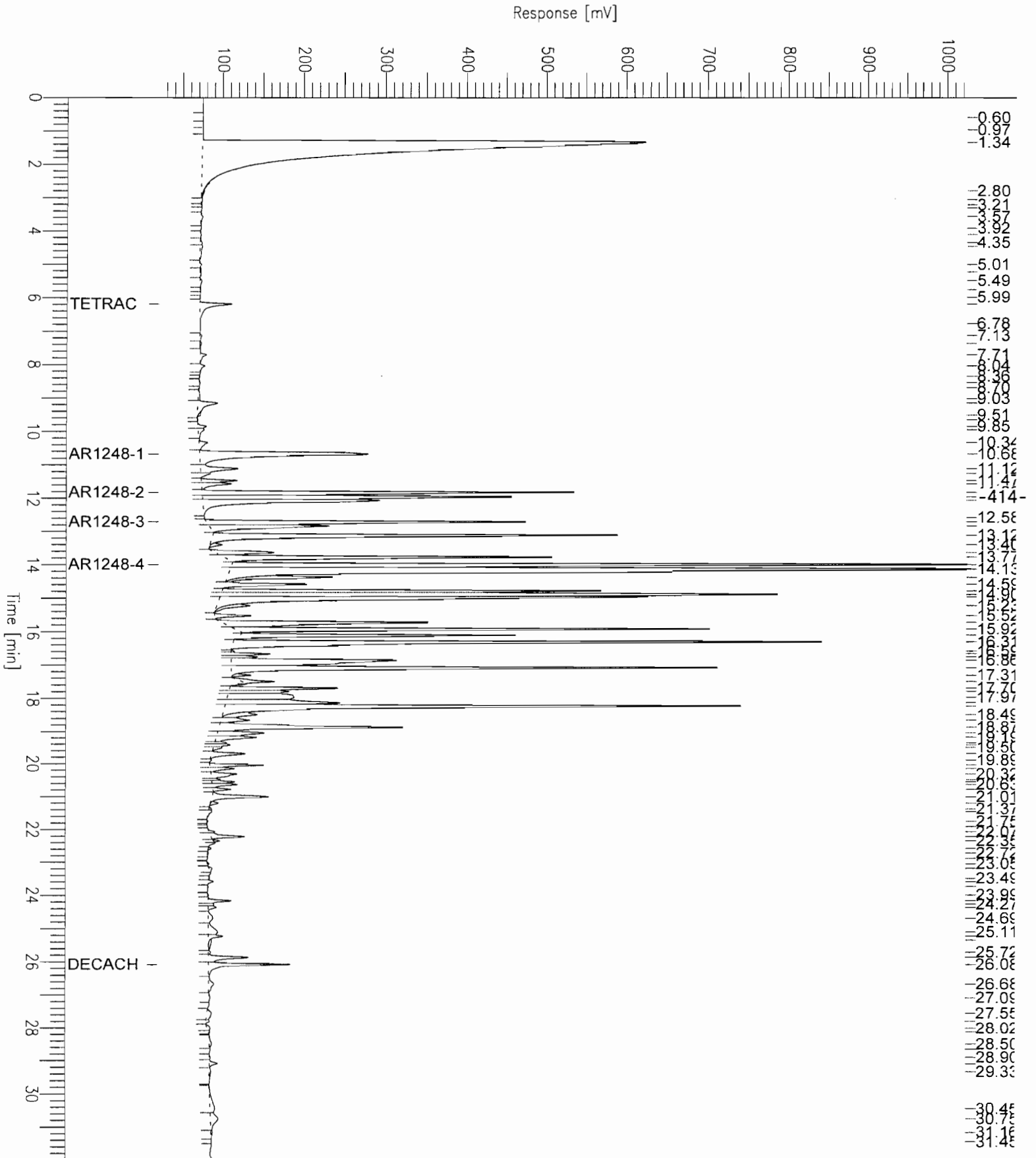
Chromatogram - ECD#1

Sample Name : u0511380-022a
FileName : C:\DATA65\Ic05033.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 21 mV

Sample #: 33
Date : 12/9/05 12:47 PM
Time of Injection: 12/6/05 01:23 PM
Low Point : 20.66 mV
High Point : 1024.00 mV
Plot Scale: 1003.3 mV

Page 1 of 1



Software Version: 4.1<2F12>
Sample Name : u0511380-022a
Sample Number: 16
Operator : manager

Time : 12/11/05 04:41 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/16

Interface Serial # : NONE Data Acquisition Time: 12/9/05 11:25 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09016.RAW
Result File : C:\DATA65\HC09016.RST
Inst Method : PCB2CH from C:\DATA65\HC09016.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 100

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.810	1786361		200.70	669.0097
2	2.389	259		0.03	0.0971
3	3.214	766		0.09	0.2870
4	3.646	479		0.05	0.1792
5	4.401	445		0.05	0.1666
6	4.576	353		0.04	0.1322
7	4.890	565		0.06	0.2118
8	5.580	282		0.03	0.1054

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.770	3760		0.42	1.4082
10	6.167	474		0.05	0.1775
11	6.687	5131		0.58	1.9216
12	7.098	10550	Tetrachloro-m-xylene	1.19	3.9511
13	7.565	459		0.05	0.1718
14	8.376	206		0.02	0.0773
15	8.780	4490		0.50	1.6816
16	9.706	5404		0.61	2.0239
17	10.351	3131		7.89	26.2942
18	10.466	3212		8.09	26.9788
19	11.264	2443		6.15	20.5150
20	11.675	65167		164.20	547.3229
21	11.763	61324		154.51	515.0431
22	12.203	7624		19.21	64.0302
23	12.269	15269		38.47	128.2427
24	12.416	3701		9.33	31.0857
25	12.564	924		2.33	7.7590
27	12.951	170417		429.39	1431.2878
28	13.102	53529		134.87	449.5766
30	13.618	47242		118.20	394.0116
31	13.794	38719		96.88	322.9275
32	14.095	149400		373.81	1246.0368
33	14.476	2459		4.96	16.5397
34	14.643	4795		9.68	32.2578
35	14.755	6648		13.42	44.7189
36	14.939	12836		25.90	86.3488
37	15.086	237732		479.77	1599.2175
	15.194	999152	AR1248	606.04	2020.1470
39	15.336	447333		902.76	3009.1977
40	15.521	42329		118.71	395.7029
42	15.989	306807		860.43	2868.0950
43	16.171	150167		421.14	1403.7931
44	16.453	17576		49.29	164.3017
45	16.659	82774		232.14	773.7904
46	16.980	149656		419.71	1399.0207
47	17.159	96142		269.63	898.7565
48	17.339	236560		663.42	2211.4155
49	17.674	63846		179.05	596.8491
50	17.826	33089		92.80	309.3268
51	18.012	33612		94.26	314.2078
52	18.154	6014		16.86	56.2161
53	18.231	4246		11.91	39.6886
54	18.340	47054		131.96	439.8696
55	18.540	247564		694.28	2314.2814
56	18.882	44145		123.80	412.6795
57	19.094	56813		159.33	531.1043
58	19.473	177811		498.66	1662.2150
59	19.734	21017		58.94	196.4692
60	19.870	5325		14.93	49.7776
61	19.983	13957		39.14	130.4770
62	20.085	72987		204.69	682.3000
63	20.246	15620		43.81	146.0172
64	20.479	12760		35.79	119.2868
65	20.569	7944		22.28	74.2596
66	20.693	2695		7.56	25.1944
67	20.759	3277		9.19	30.6315
68	20.907	2195		6.16	20.5234
69	21.087	24116		67.63	225.4460
70	21.242	12435		34.87	116.2428
71	21.359	3638		10.20	34.0072
72	21.500	7046		19.76	65.8686
73	21.591	4004		11.23	37.4311
74	21.732	14410		40.41	134.7057
75	21.881	543		0.03	0.1074
76	21.979	3451		0.20	0.6827
77	22.172	8364		0.50	1.6544
78	22.470	15244		0.90	3.0154
79	22.628	2082		0.12	0.4119
80	23.176	1108		0.07	0.2191
81	23.326	496		0.03	0.0981
82	23.477	3344		0.20	0.6615
83	23.808	4203		0.25	0.8314
84	24.396	554		0.03	0.1095
85	24.564	646		0.04	0.1277
86	24.892	3288		0.20	0.6503
87	25.069	2069		0.12	0.4093
88	25.399	12711		0.75	2.5143
89	25.682	5993		0.36	1.1854
90	25.810	986		0.06	0.1950
91	26.315	214324		12.72	42.3952

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	26.765	9611		0.57	1.9011
93	27.387	31321		1.86	6.1956
94	27.712	23973	Decachlorobiphenyl	1.42	4.7421
95	28.192	1037		0.06	0.2052
96	29.223	2314		0.14	0.4577
97	29.853	989		0.06	0.1957
98	30.678	4219		0.25	0.8345
99	31.015	3246		0.19	0.6421
100	31.383	3888		0.23	0.7692
		6532678		9495.69	31652.3053

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
41	15.816	235714	AR1248-4	661.05	2203.5030
26	12.780	216516	AR1248-1	545.54	1818.4588
29	13.461	129607	AR1248-2	324.29	1080.9530
38	15.194	417315	AR1248-3	842.18	2807.2703
		999152		2373.06	7910.1850

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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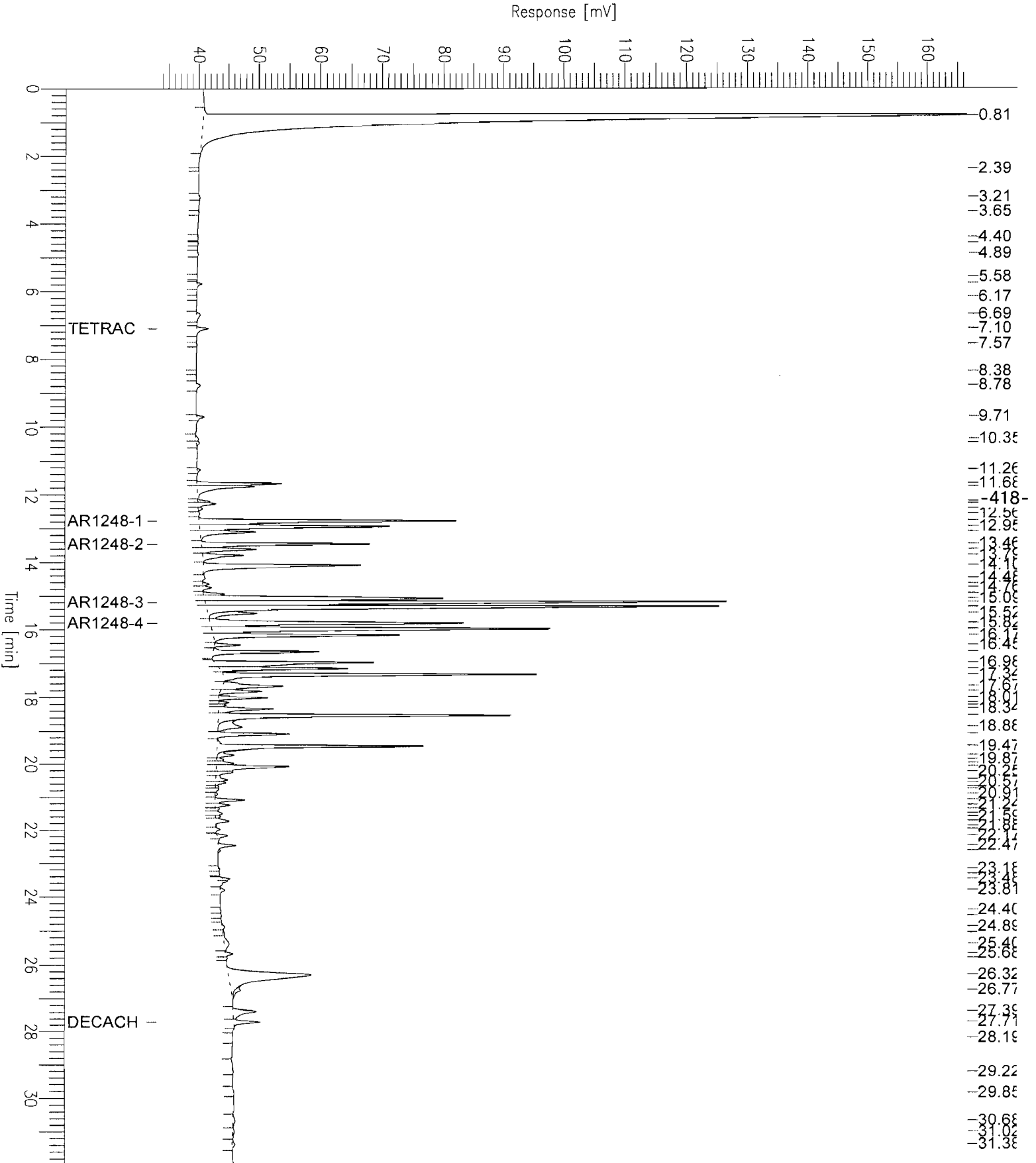
Report stored in ASCII file: C:\DATA65\HC09016.TX0

Chromatogram - ECD#1

Sample Name : u0511380-022a
 FileName : C:\DATA65\Hc09016.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 33 mV

Sample #: 16
 Date : 12/11/05 04:41 PM
 Time of Injection: 12/9/05 11:25 PM
 Low Point : 33.11 mV
 High Point : 166.74 mV
 Plot Scale: 133.6 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-022a
Sample Number: 17
Operator : manager

Time : 12/22/05 03:18 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/16

Interface Serial # : NONE Data Acquisition Time: 12/10/05 12:01 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09017.RAW
Result File : C:\DATA65\IC09017.RST
Inst Method : PCB2CH from C:\DATA65\IC09017.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-419-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 106

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.469	2018		0.08	0.2771
2	1.333	3401696		140.17	467.2302
3	3.096	556		0.02	0.0764
4	3.220	202		0.01	0.0277
5	3.567	1865		0.08	0.2562
6	3.932	1910		0.08	0.2624
7	4.339	1086		0.04	0.1492
8	4.450	1764		0.07	0.2423

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.003	2121		0.09	0.2914
10	5.242	2616		0.11	0.3593
11	5.508	2389		0.10	0.3281
12	6.186	33826	Tetrachloro-m-xylene	1.39	4.6460
13	6.820	380		0.02	0.0522
14	7.157	1703		0.07	0.2340
15	7.363	2053		0.08	0.2820
16	7.705	6055		0.25	0.8317
17	8.036	4329		0.18	0.5946
18	8.544	2492		2.01	6.6970
19	9.155	25594		20.64	68.7878
20	9.848	10511		8.48	28.2502
21	9.946	6164		4.97	16.5660
22	10.337	9672		7.80	25.9961
24	11.109	44962		36.25	120.8445
25	11.250	9627		12.10	40.3253
26	11.470	22273		27.99	93.2959
27	11.563	30636		38.50	128.3277
29	11.958	360962		453.59	1511.9793
30	12.065	249423		313.43	1044.7718
32	12.831	128855		117.02	390.0660
33	13.115	411288		373.51	1245.0368
34	13.396	10089		10.71	35.7042
35	13.631	47291		50.21	167.3651
36	13.774	262668		278.88	929.6029
	13.999	1636625	AR1248	401.23	1337.4362
38	14.137	1097705		1165.46	3884.8618
39	14.369	114599		121.67	405.5739
40	14.583	68271		72.49	241.6173
41	14.782	351348		373.03	1243.4469
42	14.898	427508		453.90	1512.9846
43	14.964	662270		703.15	2343.8228
44	15.213	43561		46.25	154.1668
45	15.507	23641		25.10	83.6680
46	15.719	222174		235.89	786.2900
47	15.921	320239		340.01	1133.3515
48	16.105	192931		204.84	682.7962
49	16.310	567581		602.61	2008.7141
50	16.664	23219		24.65	82.1728
51	16.753	9285		9.86	32.8598
52	16.861	158768		168.57	561.8937
53	16.955	98035		104.09	346.9544
54	17.087	461645		490.14	1633.7986
55	17.296	26676		28.32	94.4100
56	17.490	58448		62.06	206.8506
57	17.691	53319		56.61	188.6986
58	18.132	70976		75.36	251.1893
59	18.240	454334		482.38	1607.9229
60	18.485	54358		57.71	192.3778
61	18.653	44048		46.77	155.8884
62	18.870	218685		232.18	773.9444
63	19.060	57734		61.30	204.3239
64	19.175	41547		44.11	147.0370
65	19.353	3563		3.78	12.6108
66	19.420	4690		4.98	16.5997
67	19.692	33007		35.04	116.8152
68	20.039	33181		1.08	3.6023
69	20.142	22281		0.73	2.4190
70	20.369	27443		0.89	2.9794
71	20.551	20918		0.68	2.2711
72	20.637	16110		0.52	1.7490
73	20.782	11737		0.38	1.2743
74	21.002	60636		1.97	6.5831
75	21.196	7416		0.24	0.8052
76	21.460	8684		0.28	0.9428
77	21.747	500		0.02	0.0543
78	22.213	29426		0.96	3.1947
79	22.339	2891		0.09	0.3139
80	22.576	3841		0.13	0.4170
81	22.800	465		0.02	0.0505
82	23.052	1657		0.05	0.1799
83	23.174	2972		0.10	0.3227
84	23.330	4828		0.16	0.5241
85	23.478	2176		0.07	0.2362
86	23.598	4429		0.14	0.4809
87	23.756	2893		0.09	0.3141
88	24.010	1528		0.05	0.1659
89	24.163	18943		0.62	2.0566
90	24.353	6371		0.21	0.6917
91	24.599	1057		0.03	0.1148

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.093	17875		0.58	1.9406
93	25.227	11330		0.37	1.2301
94	25.911	29628		0.96	3.2166
95	26.072	79316	Decachlorobiphenyl	2.58	8.6112
96	26.681	3005		0.10	0.3262
97	27.332	13559		0.44	1.4721
98	27.581	21308		0.69	2.3134
99	27.784	8130		0.26	0.8827
100	28.005	11019		0.36	1.1963
101	28.302	10472		0.34	1.1369
102	28.434	999		0.03	0.1085
103	28.919	856		0.03	0.0929
104	29.081	6484		0.21	0.7039
105	30.224	2919		0.10	0.3169
106	30.863	8994		0.29	0.9765
		13218147		8649.33	28831.1034

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
37	13.999	669987	AR1248-4	711.34	2371.1340
23	10.674	257168	AR1248-1	207.36	691.1883
28	11.825	398874	AR1248-2	501.24	1670.7834
31	12.709	310596	AR1248-3	282.07	940.2258
		1636625		1702.00	5673.3315

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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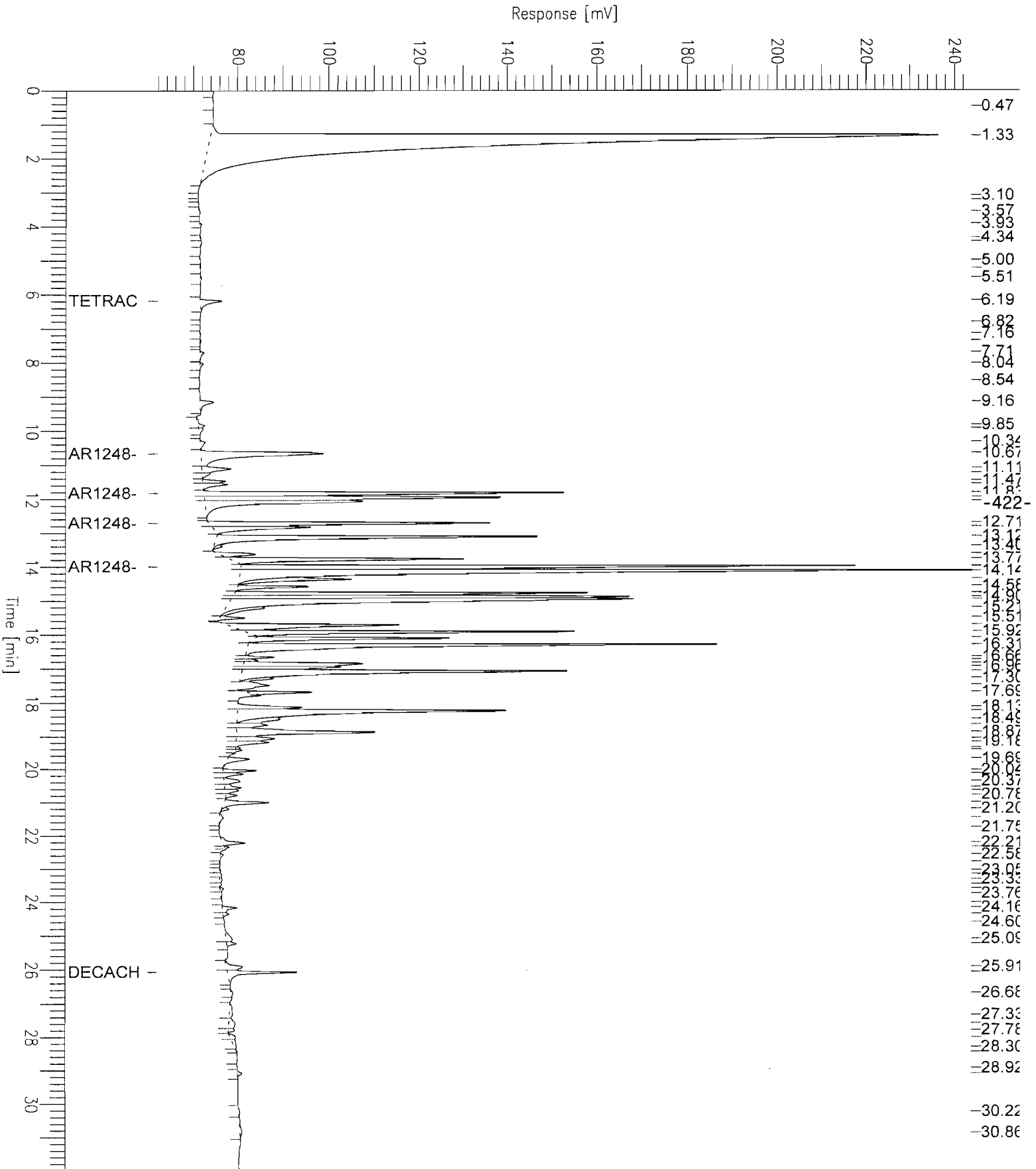
Report stored in ASCII file: C:\DATA65\IC09017.TX0

Chromatogram - ECD#1

Sample Name : u0511380-022a
 FileName : C:\DATA65\Ic09017.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 62 mV

Sample #: 17
 Date : 12/22/05 03:18 PM
 Time of Injection: 12/10/05 12:01 AM
 Low Point : 61.99 mV
 High Point : 243.69 mV
 Plot Scale: 181.7 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-123

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-023A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 15.47

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/10/05

Injection Vol.: 2 (uL)

Time Analyzed:

12:01AM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		390	U
11104-28-2	Aroclor 1221		390	U
11141-16-5	Aroclor 1232		390	U
53469-21-9	Aroclor 1242		390	U
12672-29-6	Aroclor 1248		390	U
11097-69-1	Aroclor 1254		1693	
11096-82-5	Aroclor 1260		390	U

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FORM I-CLP-PCB

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-123
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:30:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-023 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	15.5	0.00100		wt%	1	12/7/2005

Approved By: _____

Date: _____

Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>
Sample Name : u0511380-023a
Sample Number: 33
Operator : manager

Time : 12/9/05 11:01 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/33

Interface Serial # : NONE Data Acquisition Time: 12/6/05 01:23 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05033.RAW
Result File : C:\DATA65\HC05033.RST
Inst Method : PCB2CH from C:\DATA65\HC05033.RST
Proc Method : C:\DATA65\H1254228.mth
Calib Method : C:\DATA65\H1254228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-425-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 119

PCB REPORT

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HP-SFC CHANNEL H
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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.819	3595292		403.94	134.6472
2	1.796	4156		0.47	0.1557
3	2.050	1117		0.13	0.0418
4	2.383	2552		0.29	0.0956
5	2.477	3049		0.34	0.1142
6	2.632	6260		0.70	0.2344
7	3.030	285		0.03	0.0107
8	3.173	3083		0.35	0.1155

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.307	5879		0.66	0.2202
10	3.569	539		0.06	0.0202
11	3.641	1349		0.15	0.0505
12	3.976	1132		0.13	0.0424
13	4.399	5588		0.63	0.2093
14	4.572	4378		0.49	0.1640
15	5.227	2087		0.23	0.0782
16	5.574	3453		0.39	0.1293
17	5.773	7703		0.87	0.2885
18	6.683	7611		0.86	0.2850
19	7.099	103208	Tetrachloro-m-xylene	11.60	3.8652
20	7.560	6977		0.78	0.2613
21	7.685	3103		0.35	0.1162
22	8.065	1001		0.11	0.0375
23	8.202	2369		0.27	0.0887
24	8.374	8258		0.93	0.3093
25	8.558	4266		0.48	0.1598
26	8.781	30903		3.47	1.1574
27	9.328	778		0.09	0.0291
28	9.705	87530		9.83	3.2781
29	10.039	5868		0.66	0.2197
30	10.349	29976		3.37	1.1226
31	10.467	47263		5.31	1.7701
32	10.751	14059		1.58	0.5265
33	11.265	38458		73.06	24.3530
34	11.674	588755		1118.47	372.8217
35	11.761	607348		1153.79	384.5952
36	12.202	102245		194.24	64.7457
37	12.265	129562		246.13	82.0436
38	12.418	53909		102.41	34.1374
39	12.559	10051		19.09	6.3647
40	12.778	1453322		2760.89	920.2980
41	12.950	1335889		2537.80	845.9348
42	13.103	401908		763.51	254.5031
43	13.460	1066018		2025.13	675.0427
44	13.619	377431		717.01	239.0035
45	13.796	343222		652.02	217.3407
46	14.095	1559657		2962.90	987.6328
47	14.478	16454		31.26	10.4196
48	14.643	42785		81.28	27.0931
49	14.756	58777		111.66	37.2201
50	14.940	139121		264.29	88.0967
52	15.192	3434721		6524.98	2174.9935
53	15.335	4461189		8474.98	2824.9917
54	15.520	479996		911.85	303.9512
55	15.814	2464971		3516.60	1172.1987
57	16.171	1783539		2544.45	848.1489
58	16.454	293109		418.16	139.3856
59	16.658	1013044		1445.24	481.7457
60	16.981	697333		936.77	312.2564
61	17.158	783656		1052.73	350.9109
	17.338	10811876	AR1254	3936.74	1312.2453
63	17.675	1019697		1369.82	456.6069
64	17.824	306716		412.03	137.3435
65	18.014	865336		1162.46	387.4861
66	18.152	125755		168.93	56.3113
67	18.227	52804		68.17	22.7217
68	18.341	441250		569.61	189.8696
69	18.539	3334838		4304.93	1434.9774
70	18.860	565404		729.88	243.2926
72	19.335	16336		21.09	7.0292
73	19.472	3143361		4057.76	1352.5851
74	19.732	220508		284.65	94.8842
75	19.879	100798		130.12	43.3735
76	19.979	294314		379.93	126.6430
77	20.088	2411144		3112.54	1037.5128
78	20.236	328810		424.46	141.4867
79	20.486	141055		182.09	60.6960
80	20.572	173725		224.26	74.7538
81	20.695	101310		130.78	43.5937
82	20.906	20598		26.59	8.8632
83	21.089	754455		973.92	324.6410
84	21.246	277954		358.81	119.6034
85	21.362	119742		154.57	51.5249
86	21.502	169858		219.27	73.0899
87	21.592	126724		163.59	54.5293
88	21.737	318712		411.42	137.1413
89	21.880	19771		25.52	8.5075
90	21.980	101052		130.45	43.4826
91	22.168	397097		512.61	170.8702

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.294	82351		106.31	35.4355
93	22.473	528891		682.74	227.5814
94	22.626	60561		78.18	26.0591
95	22.877	6647		8.58	2.8604
96	22.997	4299		5.55	1.8499
97	23.176	28577		36.89	12.2966
98	23.315	12352		15.95	5.3151
99	23.480	458613		27.22	9.0718
100	23.639	73629		4.37	1.4564
101	23.813	154342		9.16	3.0530
102	24.368	3240		0.19	0.0641
103	24.566	361057		21.43	7.1420
104	24.874	197232		11.70	3.9014
105	25.101	3533		0.21	0.0699
106	25.358	24698		1.47	0.4886
107	25.683	97622		5.79	1.9310
108	25.815	34651		2.06	0.6854
109	25.927	21569		1.28	0.4266
110	26.295	647282		38.41	12.8038
111	26.778	485853		28.83	9.6106
112	27.377	210477		12.49	4.1634
113	27.717	5040340	Decachlorobiphenyl	299.11	99.7024
114	29.159	13030		0.77	0.2577
115	29.841	9413		0.56	0.1862
116	30.397	3013		0.18	0.0596
117	30.676	11374		0.67	0.2250
118	30.994	6293		0.37	0.1245
119	31.386	17795		1.06	0.3520
		63097280		68138.74	22712.9121

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
71	19.094	1649682	AR1254-4	2129.57	709.8563
51	15.086	2429941	AR1254-1	4616.19	1538.7293
56	15.989	3429623	AR1254-2	4892.80	1630.9319
62	17.338	3302630	AR1254-3	4436.62	1478.8746
		10811876		16075.18	5358.3920

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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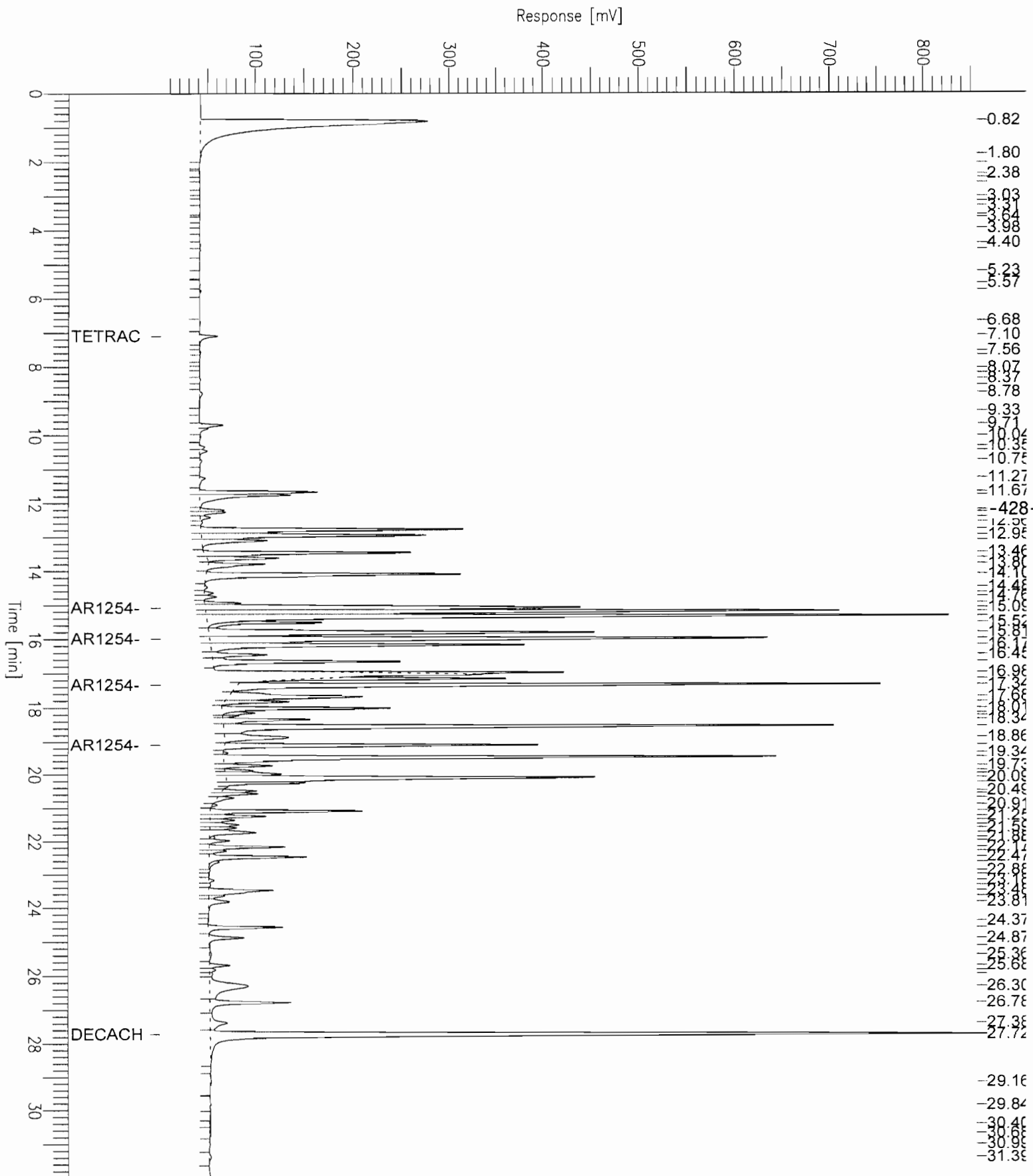
Report stored in ASCII file: C:\DATA65\HC05033.TX0

Chromatogram - ECD#1

Sample Name : u0511380-023a
FileName : C:\DATA65\Hc05033.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 0 mV

Sample #: 33
Date : 12/9/05 11:01 AM
Time of Injection: 12/6/05 01:23 PM
Low Point : 0.15 mV
High Point : 856.13 mV
Plot Scale: 856.0 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-023a
Sample Number: 34
Operator : manager

Time : 12/9/05 12:48 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/33

Interface Serial # : NONE Data Acquisition Time: 12/6/05 02:00 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05034.RAW
Result File : C:\DATA65\IC05034.RST
Inst Method : PCB2CH from C:\DATA65\IC05034.RST
Proc Method : C:\DATA65\I1254228.mth
Calib Method : C:\DATA65\I1254228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 138

PCB REPORT

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HP-SFC CHANNEL I
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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.334	6804753		280.39	93.4647
2	2.556	2722		0.11	0.0374
3	2.851	4580		0.19	0.0629
4	3.050	1075		0.04	0.0148
5	3.218	1011		0.04	0.0139
6	3.313	5237		0.22	0.0719
7	3.558	3411		0.14	0.0468
8	3.921	2685		0.11	0.0369

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.110	5990		0.25	0.0823
10	4.353	12735		0.52	0.1749
11	4.460	20098		0.83	0.2760
12	4.629	13261		0.55	0.1821
13	5.011	9569		0.39	0.1314
14	5.228	12560		0.52	0.1725
15	5.485	10653		0.44	0.1463
16	5.854	4176		0.17	0.0574
17	5.979	2195		0.09	0.0301
18	6.193	343213	Tetrachloro-m-xylene	14.14	4.7141
19	6.781	965		0.04	0.0133
20	7.136	17552		0.72	0.2411
21	7.362	14102		0.58	0.1937
22	7.504	3593		0.15	0.0493
23	7.610	8575		0.35	0.1178
24	7.709	31907		1.31	0.4383
25	7.815	30492		1.26	0.4188
26	8.039	21748		0.90	0.2987
27	8.168	13897		0.57	0.1909
28	8.360	821		0.03	0.0113
29	8.548	12545		0.52	0.1723
30	9.157	454164		715.64	238.5480
31	9.524	33538		52.85	17.6160
32	9.661	1473		2.32	0.7735
33	9.852	93999		148.12	49.3728
34	9.953	105271		165.88	55.2934
35	10.339	89490		141.01	47.0043
36	10.675	2135784		3365.44	1121.8128
37	11.113	460140		725.06	241.6870
38	11.264	103381		162.90	54.3004
39	11.471	197507		311.22	103.7399
40	11.569	328800		518.10	172.7008
42	11.960	2422430		3817.12	1272.3726
43	12.069	1535931		2420.23	806.7422
44	12.578	1077		1.70	0.5659
45	12.710	2261577		3563.65	1187.8848
46	12.835	1000573		1576.64	525.5470
47	13.116	3476829		2631.11	877.0358
48	13.400	109341		82.74	27.5815
49	13.635	597259		451.98	150.6596
50	13.771	2692854		2037.83	679.2768
51	13.990	4891256		3701.48	1233.8274
	14.113	19423870	AR1254	3857.87	1285.9561
53	14.373	906682		686.14	228.7121
54	14.585	794443		532.61	177.5374
56	14.894	4418670		2962.37	987.4574
57	14.967	5015258		3362.34	1120.7794
58	15.223	311679		208.96	69.6522
59	15.519	294175		197.22	65.7404
60	15.719	2350212		1480.71	493.5705
61	15.913	4152751		2616.37	872.1234
62	16.105	2373949		1495.67	498.5555
64	16.665	536225		337.84	112.6131
65	16.758	261673		164.86	54.9542
66	16.863	1546589		974.40	324.8008
67	16.962	1967595		1239.65	413.2167
68	17.077	5445575		3430.89	1143.6309
69	17.492	1030422		649.20	216.4001
70	17.689	2138326		1347.22	449.0721
71	17.890	42939		27.05	9.0176
72	18.131	1148744		723.75	241.2489
73	18.227	5298183		3338.03	1112.6768
74	18.495	355850		224.20	74.7325
75	18.661	282110		177.74	59.2462
76	18.870	4817622		3035.26	1011.7538
77	19.042	800558		504.38	168.1261
78	19.186	801841		505.19	168.3955
79	19.358	202443		127.55	42.5153
80	19.420	146448		92.27	30.7557
81	19.501	121915		76.81	25.6035
82	19.691	743708		468.56	156.1868
83	19.887	15475		9.75	3.2499
84	20.039	1099982		693.03	231.0084
85	20.147	440451		277.50	92.4995
86	20.315	229611		144.66	48.2208
87	20.378	223377		140.73	46.9116
88	20.556	187461		118.11	39.3690
89	20.633	560684		353.25	117.7499
90	20.782	255029		160.68	53.5590
91	21.008	1221861		769.81	256.6044

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.203	184475		6.01	2.0028
93	21.375	36511		1.19	0.3964
94	21.420	49502		1.61	0.5374
95	21.751	38365		1.25	0.4165
96	21.909	6835		0.22	0.0742
97	22.073	49531		1.61	0.5377
98	22.221	758252		24.70	8.2322
99	22.345	55379		1.80	0.6012
100	22.576	15313		0.50	0.1662
101	22.720	10741		0.35	0.1166
102	22.880	27916		0.91	0.3031
103	23.049	24144		0.79	0.2621
104	23.176	706961		23.03	7.6753
105	23.337	17789		0.58	0.1931
106	23.505	310658		10.12	3.3727
107	23.584	81941		2.67	0.8896
108	23.984	87953		2.86	0.9549
109	24.165	280991		9.15	3.0507
110	24.361	97579		3.18	1.0594
111	24.553	14897		0.49	0.1617
112	24.698	6067		0.20	0.0659
113	25.116	83968		2.73	0.9116
114	25.235	898810		29.27	9.7582
115	25.574	19013		0.62	0.2064
116	25.736	15905		0.52	0.1727
117	25.875	157881		5.14	1.7141
118	26.063	5625974	Decachlorobiphenyl	183.24	61.0799
119	26.669	160438		5.23	1.7418
120	27.063	41732		1.36	0.4531
121	27.548	1935		0.06	0.0210
122	28.019	13057		0.43	0.1418
123	28.147	3737		0.12	0.0406
124	28.431	48331		1.57	0.5247
125	28.664	16593		0.54	0.1801
126	28.872	9150		0.30	0.0993
127	29.086	40066		1.30	0.4350
128	29.318	12202		0.40	0.1325
129	29.506	5823		0.19	0.0632
130	29.618	4161		0.14	0.0452
131	30.237	32479		1.06	0.3526
132	30.330	13786		0.45	0.1497
133	30.487	15714		0.51	0.1706
134	30.878	13020		0.42	0.1414
135	31.172	16004		0.52	0.1738
136	31.442	4897		0.16	0.0532
137	31.566	5015		0.16	0.0544
138	31.758	2381		0.08	0.0258
		112497063		64740.96	21580.3209

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Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
63	16.292	5767662	AR1254-4	3633.82	1211.2726
41	11.827	2607831	AR1254-1	4109.26	1369.7538
52	14.113	7663735	AR1254-2	5799.57	1933.1896
55	14.782	3384642	AR1254-3	2269.14	756.3792
		19423870		15811.79	5270.5952

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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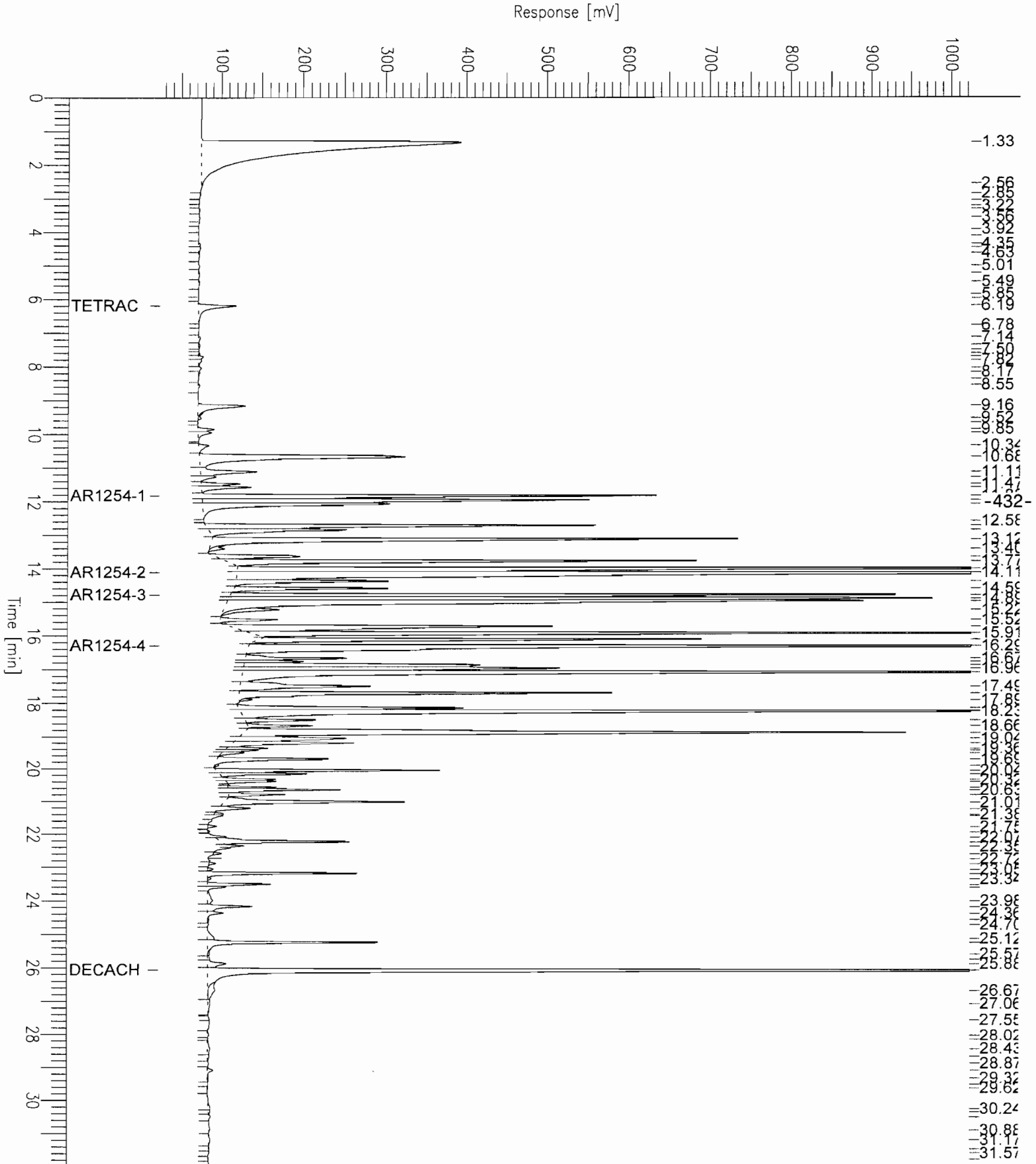
Report stored in ASCII file: C:\DATA65\IC05034.TX0

Chromatogram - ECD#1

Sample Name : u0511380-023a
 FileName : C:\DATA65\Ic05034.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 23 mV

Sample #: 34
 Date : 12/9/05 12:48 PM
 Time of Injection: 12/6/05 02:00 PM
 Low Point : 22.97 mV
 High Point : 1024.00 mV
 Plot Scale: 1001.0 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-023a
Sample Number: 17
Operator : manager

Time : 12/12/05 10:10 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/17

Interface Serial # : NONE Data Acquisition Time: 12/10/05 12:01 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09017.RAW
Result File : C:\DATA65\HC09017.RST
Inst Method : PCB2CH from C:\DATA65\HC09017.RST
Proc Method : C:\DATA65\H1254228.mth
Calib Method : C:\DATA65\H1254228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-433-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 92

PCB REPORT

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HP-SFC CHANNEL H
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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.813	1404228		157.77	525.8972
2	3.231	366		0.04	0.1370
3	4.402	223		0.03	0.0836
4	4.890	634		0.07	0.2375
5	5.772	883		0.10	0.3307
6	6.179	409		0.05	0.1531
7	6.687	750		0.08	0.2807
8	7.099	8915	Tetrachloro-m-xylene	1.00	3.3389

Peak #	Time [min]	Area [μ V*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.570	279		0.03	0.1045
10	8.375	579		0.07	0.2167
11	8.783	2398		0.27	0.8980
12	9.707	9629		1.08	3.6063
13	10.039	418		0.05	0.1564
14	10.351	3276		0.37	1.2268
15	10.468	4830		0.54	1.8089
16	10.775	309		0.03	0.1157
17	11.267	2393		4.55	15.1509
18	11.678	62275		118.30	394.3467
19	11.762	57270		108.80	362.6574
20	12.202	11488		21.82	72.7478
21	12.266	11523		21.89	72.9710
22	12.419	5721		10.87	36.2245
23	12.561	1118		2.12	7.0823
24	12.782	189157		359.34	1197.8129
25	12.953	154469		293.45	978.1579
26	13.103	41731		79.28	264.2562
27	13.462	112614		213.93	713.1113
28	13.619	40179		76.33	254.4272
29	13.796	35870		68.14	227.1416
30	14.096	141605		269.01	896.6928
31	14.479	2007		3.81	12.7063
32	14.644	4161		7.90	26.3468
33	14.757	6199		11.78	39.2573
34	14.941	10086		19.16	63.8675
36	15.195	373954		710.40	2368.0143
37	15.338	431162		819.08	2730.2776
38	15.816	236020		336.71	1122.3740
40	16.174	185969		265.31	884.3614
41	16.455	22823		32.56	108.5352
42	16.661	102042		145.58	485.2550
43	16.983	216852		291.31	971.0363
44	17.160	120259		161.55	538.5030
	17.342	1155136	AR1254	420.60	1401.9973
46	17.675	97175		130.54	435.1347
47	17.831	29025		38.99	129.9704
48	18.016	93239		125.25	417.5109
49	18.155	11060		14.86	49.5241
50	18.229	4042		5.22	17.3920
51	18.343	44157		57.00	190.0089
52	18.543	365524		471.85	1572.8476
53	18.851	59152		76.36	254.5323
55	19.332	1858		2.40	7.9961
56	19.476	267275		345.02	1150.0820
57	19.732	20583		26.57	88.5671
58	19.877	9561		12.34	41.1429
59	19.982	24153		31.18	103.9287
60	20.090	234078		302.17	1007.2366
61	20.238	20155		26.02	86.7272
62	20.485	14418		18.61	62.0415
63	20.574	16488		21.28	70.9484
64	20.693	9684		12.50	41.6683
65	20.912	1789		2.31	7.6967
66	21.092	60377		77.94	259.8023
67	21.246	20115		25.97	86.5528
68	21.365	3478		4.49	14.9671
69	21.503	8486		10.95	36.5131
70	21.593	7599		9.81	32.6995
71	21.737	24113		31.13	103.7573
72	21.879	612		0.79	2.6334
73	21.983	7801		10.07	33.5659
74	22.171	34656		44.74	149.1242
75	22.295	7615		9.83	32.7663
76	22.473	47246		60.99	203.2984
77	22.628	5210		6.73	22.4176
78	23.177	2711		3.50	11.6639
79	23.321	704		0.91	3.0299
80	23.478	39847		2.36	7.8821
81	23.640	6305		0.37	1.2471
82	23.812	13026		0.77	2.5766
83	24.565	34245		2.03	6.7741
84	24.872	18872		1.12	3.7330
85	25.457	2436		0.14	0.4819
86	25.683	8722		0.52	1.7252
87	25.814	3576		0.21	0.7074
88	26.372	58103		3.45	11.4933
89	26.774	42958		2.55	8.4976
90	27.400	12627		0.75	2.4978
91	27.717	535013	Decachlorobiphenyl	31.75	105.8302

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	31.394	1418		0.08	0.2805
		7503493		7099.61	23665.3788

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
54	19.096	178645	AR1254-4	230.61	768.7095
35	15.085	257771	AR1254-1	489.69	1632.3050
39	15.988	368893	AR1254-2	526.27	1754.2453
45	17.342	349826	AR1254-3	469.94	1566.4748
		1155136		1716.52	5721.7346

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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Report stored in ASCII file: C:\DATA65\HC09017.TX0

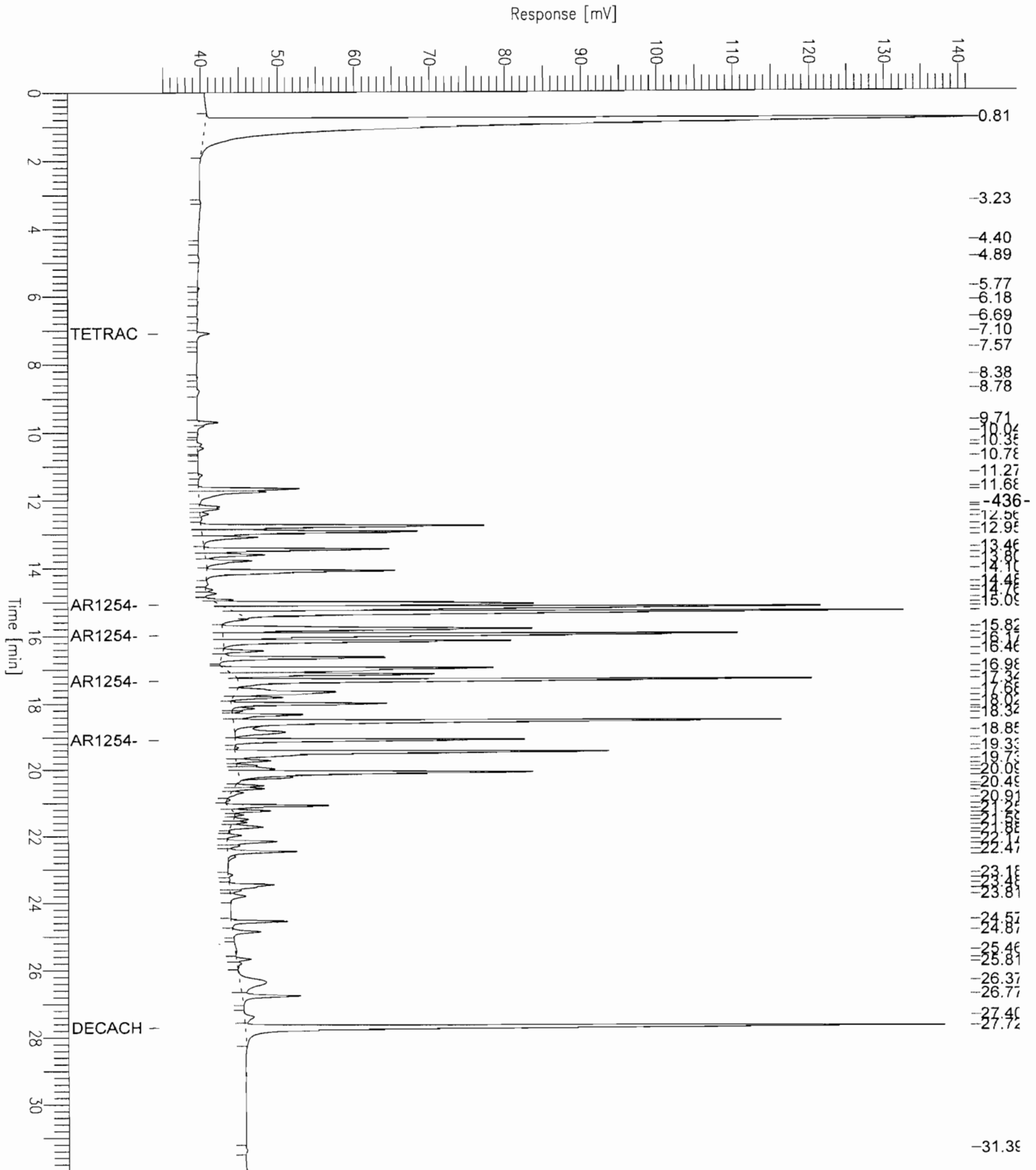
Chromatogram - ECD#1

Sample Name : u0511380-023a
FileName : C:\DATA65\Hc09017.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 34 mV

Sample #: 17
Date : 12/12/05 10:10 AM
Time of Injection: 12/10/05 12:01 AM
Low Point : 34.36 mV
Plot Scale: 107.0 mV
High Point : 141.37 mV

Page 1 of 1



Software Version: 4.1<2F12>
Sample Name : u0511380-023a
Sample Number: 18
Operator : manager

Time : 12/22/05 03:18 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/17

Interface Serial # : NONE Data Acquisition Time: 12/10/05 12:37 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09018.RAW
Result File : C:\DATA65\IC09018.RST
Inst Method : PCB2CH from C:\DATA65\IC09018.RST
Proc Method : C:\DATA65\I1254228.mth
Calib Method : C:\DATA65\I1254228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 108

PCB REPORT

=====
HP-SFC CHANNEL I
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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.333	2707452		111.56	371.8744
2	3.107	271		0.01	0.0372
3	3.313	371		0.02	0.0510
4	3.750	945		0.04	0.1298
5	3.936	4155		0.17	0.5707
6	4.095	3071		0.13	0.4219
7	4.353	1193		0.05	0.1639
8	4.453	1534		0.06	0.2108

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.002	559		0.02	0.0768
10	5.234	334		0.01	0.0458
11	6.189	30958	Tetrachloro-m-xylene	1.28	4.2521
12	6.807	715		0.03	0.0982
13	7.131	369		0.02	0.0507
14	7.357	661		0.03	0.0908
15	7.707	2162		0.09	0.2969
16	7.810	2084		0.09	0.2863
17	8.039	1776		0.07	0.2439
18	8.161	1103		0.05	0.1514
19	8.547	1596		0.07	0.2192
20	9.156	51887		81.76	272.5362
21	9.526	2639		4.16	13.8607
22	9.850	8944		14.09	46.9801
23	9.949	10242		16.14	53.7957
24	10.342	8166		12.87	42.8901
25	10.675	237054		373.54	1245.1167
26	11.109	50542		79.64	265.4707
27	11.260	13314		20.98	69.9289
28	11.472	16324		25.72	85.7405
29	11.565	39183		61.74	205.8094
31	11.959	360595		568.20	1894.0143
32	12.063	211904		333.91	1113.0176
33	12.709	290657		458.00	1526.6640
34	12.832	131827		207.72	692.4160
35	13.116	441892		334.40	1114.6788
36	13.394	13972		10.57	35.2441
37	13.631	65953		49.91	166.3669
38	13.775	347110		262.68	875.5913
39	14.000	684123		517.71	1725.7112
	14.137	3080509	AR1254	611.83	2039.4487
41	14.369	201508		152.49	508.3061
42	14.583	175521		117.67	392.2444
44	14.899	395308		265.02	883.4113
45	14.968	874336		586.17	1953.9130
46	15.215	62256		41.74	139.1253
47	15.515	41245		27.65	92.1709
48	15.721	289335		182.29	607.6364
49	15.921	504382		317.78	1059.2572
50	16.106	289959		182.68	608.9452
52	16.661	49404		31.13	103.7537
53	16.759	14202		8.95	29.8254
54	16.868	118634		74.74	249.1445
55	16.961	300579		189.37	631.2496
56	17.087	753115		474.49	1581.6254
57	17.403	36313		22.88	76.2614
58	17.487	113724		71.65	238.8333
59	17.690	316306		199.28	664.2771
60	18.131	143448		90.38	301.2568
61	18.237	647091		407.69	1358.9625
62	18.493	78086		49.20	163.9897
63	18.659	69098		43.53	145.1125
64	18.871	678680		427.59	1425.3021
65	19.060	127529		80.35	267.8245
66	19.180	144720		91.18	303.9272
67	19.353	39829		25.09	83.6462
68	19.416	25904		16.32	54.4013
69	19.496	23351		14.71	49.0404
70	19.693	95200		59.98	199.9299
71	20.041	106197		66.91	223.0258
72	20.142	66715		42.03	140.1086
73	20.377	52076		32.81	109.3650
74	20.555	21539		13.57	45.2346
75	20.640	43080		27.14	90.4725
76	20.782	28333		17.85	59.5014
77	21.009	142725		89.92	299.7391
78	21.204	17326		0.56	1.8810
79	21.372	3434		0.11	0.3728
80	21.443	10909		0.36	1.1843
81	21.748	3856		0.13	0.4186
82	21.910	525		0.02	0.0570
83	22.221	110298		3.59	11.9748
84	22.338	41022		1.34	4.4537
85	22.574	11971		0.39	1.2997
86	22.881	4527		0.15	0.4914
87	23.053	1614		0.05	0.1753
88	23.171	87856		2.86	9.5384
89	23.334	2440		0.08	0.2650
90	23.500	26587		0.87	2.8865
91	24.005	8057		0.26	0.8747

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	24.166	32325		1.05	3.5094
93	24.353	13582		0.44	1.4745
94	24.576	1568		0.05	0.1702
95	25.094	9183		0.30	0.9970
96	25.232	102366		3.33	11.1137
97	26.073	1128954	Decachlorobiphenyl	36.77	122.5680
98	27.066	342		0.01	0.0371
99	27.799	5120		0.17	0.5559
100	27.991	1818		0.06	0.1973
101	28.433	3524		0.11	0.3826
102	28.673	685		0.02	0.0744
103	28.884	398		0.01	0.0432
104	29.079	3208		0.10	0.3483
105	30.206	1035		0.03	0.1123
106	30.479	865		0.03	0.0939
107	30.868	966		0.03	0.1049
108	31.166	678		0.02	0.0736
		17534913		8754.93	29183.1037

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
51	16.310	823070	AR1254-4	518.56	1728.5382
30	11.827	379869	AR1254-1	598.57	1995.2476
40	14.137	1337355	AR1254-2	1012.05	3373.4998
43	14.782	540214	AR1254-3	362.17	1207.2383
		3080509		2491.36	8304.5239

-439-

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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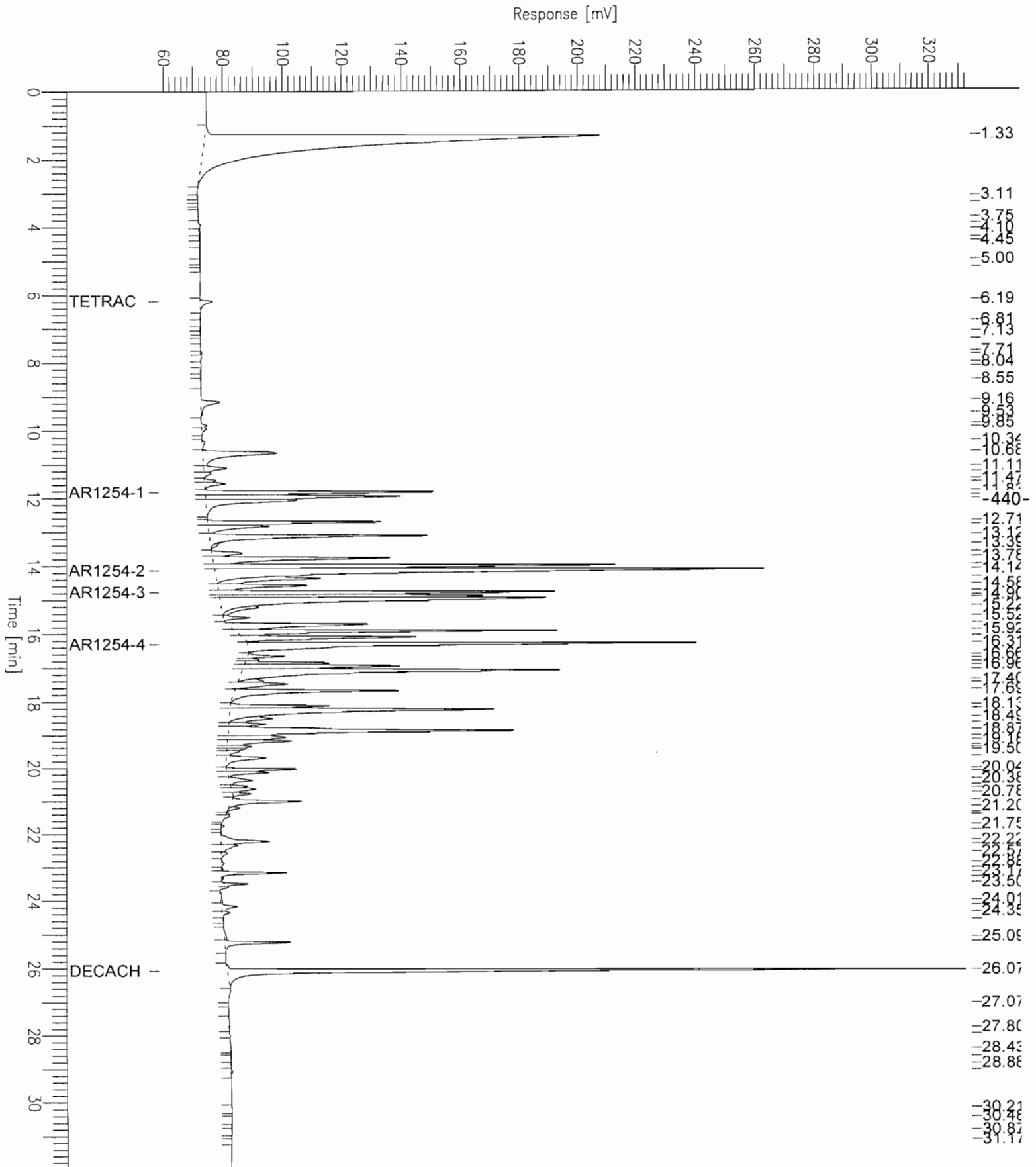
Report stored in ASCII file: C:\DATA65\IC09018.TX0

Chromatogram - ECD#1

Sample Name : u0511380-023a
 FileName : C:\DATA65\Ic09018.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 58 mV

Sample #: 18
 Date : 12/22/05 03:18 PM
 Time of Injection: 12/10/05 12:37 AM
 Low Point : 58.38 mV
 Plot Scale: 275.6 mV
 High Point : 333.95 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-124

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170	Case No.:	SAS No.:	SDG No.: DEC21
Matrix: SOIL		Lab Sample ID:	U0511380-024A
Sample wt.: 30	(G)	Lab File ID:	12856
% Moisture: 20.9	Decanted: <u>NO</u>	Date Received:	11/23/05
Extraction: SONC		Date Extracted:	11/29/05
Conc Extract Vol.: 10 (ML)		Date Analyzed:	12/6/05
Injection Vol.: 2 (uL)		Time Analyzed:	2:00PM
GPC Cleanup: No	pH:	Dilution Factor:	1
Instr. ID: <u>ULI 65.0</u>		Sulfur Cleanup:	Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		42	U
11104-28-2	Aroclor 1221		42	U
11141-16-5	Aroclor 1232		42	U
53469-21-9	Aroclor 1242		42	U
12672-29-6	Aroclor 1248		21	
11097-69-1	Aroclor 1254		42	U
11096-82-5	Aroclor 1260		42	U

-441-

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-124
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:40:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-024 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: CC
Percent Moisture	20.9	0.00100		wt%	1	12/7/2005

-442-

Approved By: _____ **Date:** _____ **Page 24 of 30**

- Qualifiers:**
- * Low Level
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Reporting Limit
 - ** Value exceeds Maximum Contaminant Value
 - E Value above quantitation range
 - J Analyte detected below quantitation limits
 - S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>

Sample Name : u0511380-024a

Time : 12/9/05 11:01 AM

Sample Number: 34

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/34

Interface Serial # : NONE Data Acquisition Time: 12/6/05 02:00 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05034.RAW

Result File : C:\DATA65\HC05034.RST

Inst Method : PCB2CH from C:\DATA65\HC05034.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-443-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 106

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.819	1897254		213.16	71.0540
2	1.797	1354		0.15	0.0507
3	1.907	245		0.03	0.0092
4	2.204	178		0.02	0.0067
5	2.394	422		0.05	0.0158
6	2.637	2036		0.23	0.0763
7	3.164	1112		0.12	0.0416
8	3.648	2020		0.23	0.0756

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.399	632		0.07	0.0237
10	4.578	1393		0.16	0.0522
11	4.870	445		0.05	0.0167
12	5.575	2222		0.25	0.0832
13	5.773	1282		0.14	0.0480
14	6.167	434		0.05	0.0162
15	6.685	847		0.10	0.0317
16	7.099	74745	Tetrachloro-m-xylene	8.40	2.7993
17	7.272	9462		1.06	0.3544
18	7.396	74193		8.34	2.7786
19	7.550	3708		0.42	0.1389
20	8.204	1043		0.12	0.0391
21	8.376	686		0.08	0.0257
22	8.559	723		0.08	0.0271
23	8.784	39221		4.41	1.4689
24	9.693	2490		0.28	0.0933
25	10.350	1009		2.54	0.8474
26	10.757	7131		17.97	5.9888
27	11.256	373		0.94	0.3136
28	11.672	5858		14.76	4.9196
29	11.761	7492		18.88	6.2920
30	12.262	1969		4.96	1.6536
31	12.421	647		1.63	0.5431
32	12.565	6101		15.37	5.1242
34	12.952	19540		49.23	16.4113
35	13.096	4269		10.76	3.5853
37	13.616	3483		8.72	2.9053
38	13.796	3705		9.27	3.0899
39	14.091	18838		47.13	15.7112
40	14.663	929		1.87	0.6247
41	15.087	25157		50.77	16.9229
	15.191	100317	AR1248	60.85	20.2827
43	15.334	49949		100.80	33.6004
44	15.522	80380		225.42	75.1408
46	15.986	46921		131.59	43.8623
47	16.169	33690		94.48	31.4940
48	16.390	14959		41.95	13.9840
49	16.658	9658		27.09	9.0284
50	17.050	121792		341.56	113.8540
51	17.155	30541		85.65	28.5506
52	17.336	36111		101.27	33.7574
53	17.626	3818		10.71	3.5689
54	17.819	4095		11.48	3.8277
55	18.012	9647		27.05	9.0179
56	18.154	1585		4.45	1.4819
57	18.233	803		2.25	0.7507
58	18.339	9390		26.33	8.7777
59	18.538	73062		204.90	68.3001
60	18.848	4423		12.40	4.1343
61	18.982	11480		32.20	10.7318
62	19.092	23693		66.45	22.1485
63	19.469	72753		204.03	68.0108
64	19.734	5821		16.32	5.4412
65	20.078	67207		188.48	62.8266
66	20.253	6934		19.45	6.4821
67	20.406	6530		18.31	6.1040
68	20.482	9422		26.42	8.8077
69	20.572	9842		27.60	9.2006
70	20.690	2126		5.96	1.9875
71	20.765	3039		8.52	2.8405
72	20.916	745		2.09	0.6969
73	21.088	12815		35.94	11.9796
74	21.242	4490		12.59	4.1970
75	21.500	2577		7.23	2.4089
76	21.594	587		1.65	0.5486
77	21.735	6386		17.91	5.9697
78	21.985	4330		0.26	0.0856
79	22.194	15284		0.91	0.3023
80	22.469	21353		1.27	0.4224
81	22.815	6961		0.41	0.1377
82	23.165	2593		0.15	0.0513
83	23.352	1785		0.11	0.0353
84	23.482	10736		0.64	0.2124
85	23.549	16951		1.01	0.3353
86	23.813	13671		0.81	0.2704
87	24.001	5046		0.30	0.0998
88	24.259	10280		0.61	0.2033
89	24.589	7605		0.45	0.1504
90	25.222	48120		2.86	0.9519
91	25.402	38163		2.26	0.7549

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.695	17196		1.02	0.3402
93	25.824	39119		2.32	0.7738
94	25.962	64151		3.81	1.2690
95	26.307	289717		17.19	5.7309
96	26.767	37883		2.25	0.7494
97	27.380	67383		4.00	1.3329
98	27.717	182601	Decachlorobiphenyl	10.84	3.6120
99	28.741	2183		0.13	0.0432
100	29.169	29935		1.78	0.5921
101	29.504	5620		0.33	0.1112
102	29.810	11213		0.67	0.2218
103	30.495	801		0.05	0.0159
104	31.013	6171		0.37	0.1221
105	31.156	7214		0.43	0.1427
106	31.384	12356		0.73	0.2444
		4078657		2752.11	917.3702

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
45	15.814	22331	AR1248-4	62.63	20.8752
33	12.778	16421	AR1248-1	41.37	13.7916
36	13.458	8761	AR1248-2	21.92	7.3067
42	15.191	52804	AR1248-3	106.56	35.5214
		100317		232.48	77.4948

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

-445-

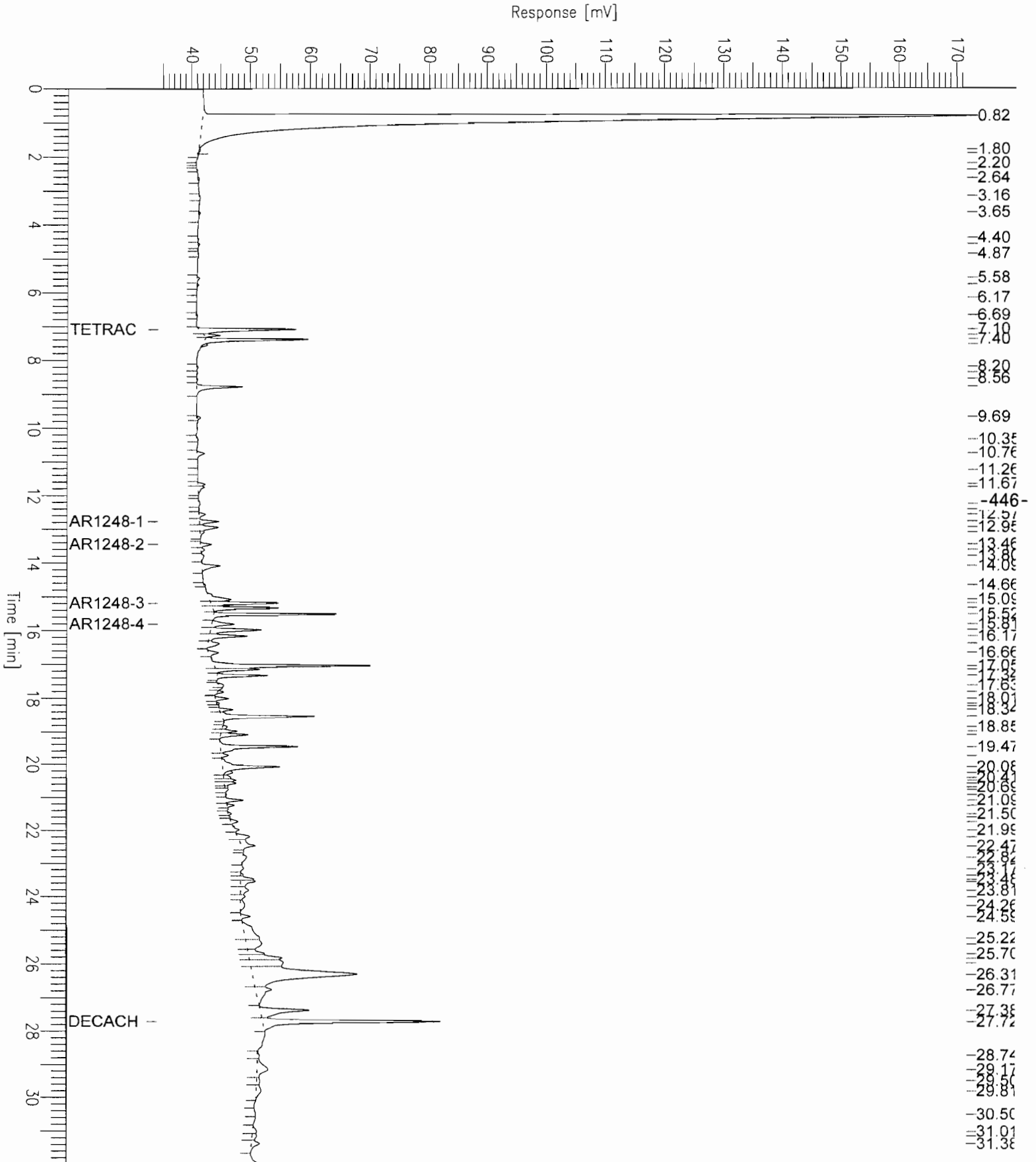
Report stored in ASCII file: C:\DATA65\HC05034.TX0

Chromatogram - ECD#1

Sample Name : u0511380-024a
 FileName : C:\DATA65\Hc05034.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 34 mV

Sample #: 34
 Date : 12/9/05 11:01 AM
 Time of Injection: 12/6/05 02:00 PM
 Low Point : 34.25 mV
 Plot Scale: 137.6 mV
 High Point : 171.81 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-024a

Time : 12/9/05 12:48 PM

Sample Number: 35

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/34

Interface Serial # : NONE Data Acquisition Time: 12/6/05 02:36 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05035.RAW

Result File : C:\DATA65\IC05035.RST

Inst Method : PCB2CH from C:\DATA65\IC05035.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-447-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 123

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.624	8607		0.35	0.1182
2	1.344	3477965		143.31	47.7706
3	2.857	1336		0.06	0.0184
4	3.064	1425		0.06	0.0196
5	3.572	6158		0.25	0.0846
6	3.932	3072		0.13	0.0422
7	4.113	1686		0.07	0.0232
8	4.356	1107		0.05	0.0152

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.464	4106		0.17	0.0564
10	5.014	3231		0.13	0.0444
11	5.151	312		0.01	0.0043
12	5.496	1976		0.08	0.0271
13	6.193	237381	Tetrachloro-m-xylene	9.78	3.2605
14	7.136	11609		0.48	0.1594
15	7.371	7188		0.30	0.0987
16	7.510	32074		1.32	0.4405
17	7.610	200790		8.27	2.7579
18	7.705	153891		6.34	2.1137
19	8.035	7226		0.30	0.0993
20	8.170	6776		0.28	0.0931
21	8.537	820		0.66	0.2203
22	8.708	710		0.57	0.1908
23	9.033	265		0.21	0.0713
24	9.165	4207		3.39	1.1307
25	9.372	1226		0.99	0.3296
26	9.866	7901		6.37	2.1236
27	10.032	11129		8.97	2.9911
28	10.438	1712		1.38	0.4600
30	11.042	15778		12.72	4.2407
31	11.470	1957		2.46	0.8197
32	11.576	1368		1.72	0.5729
34	11.973	54814		68.88	22.9601
36	12.833	10317		9.37	3.1231
37	13.120	42523		38.62	12.8724
38	13.423	372		0.40	0.1317
39	13.652	7601		8.07	2.6902
40	13.776	24556		26.07	8.6905
	14.005	167417	AR1248	41.04	13.6811
42	14.146	102507		108.83	36.2782
43	14.230	135485		143.85	47.9491
44	14.368	20043		21.28	7.0934
45	14.600	21919		23.27	7.7574
46	14.790	63808		67.75	22.5822
47	14.895	49799		52.87	17.6244
48	14.979	119696		127.08	42.3613
49	15.159	13509		14.34	4.7810
50	15.473	4615		4.90	1.6332
51	15.758	54667		58.04	19.3472
52	15.928	295640		313.89	104.6293
53	16.111	74516		79.12	26.3719
54	16.316	83014		88.14	29.3792
55	16.586	3258		3.46	1.1531
56	16.671	10940		11.62	3.8718
57	16.763	5954		6.32	2.1072
58	16.965	65281		69.31	23.1034
59	17.092	146873		155.94	51.9796
60	17.298	5695		6.05	2.0155
61	17.493	13047		13.85	4.6174
62	17.566	7932		8.42	2.8073
63	17.697	34307		36.42	12.1416
64	17.791	7528		7.99	2.6642
65	17.896	50691		53.82	17.9398
66	18.133	71838		76.27	25.4239
67	18.242	205049		217.70	72.5683
68	18.481	36929		39.21	13.0693
69	18.657	13847		14.70	4.9005
70	18.888	115223		122.33	40.7782
71	19.069	15382		16.33	5.4439
72	19.178	18948		20.12	6.7058
73	19.358	2861		3.04	1.0125
74	19.431	6220		6.60	2.2013
75	19.504	10235		10.87	3.6223
76	19.692	29161		30.96	10.3204
77	19.887	792		0.84	0.2803
78	20.043	15902		0.52	0.1726
79	20.152	12508		0.41	0.1358
80	20.328	5602		0.18	0.0608
81	20.377	5797		0.19	0.0629
82	20.554	8944		0.29	0.0971
83	20.640	6590		0.21	0.0715
84	20.788	8163		0.27	0.0886
85	21.006	26884		0.88	0.2919
86	21.205	7085		0.23	0.0769
87	21.359	5153		0.17	0.0559
88	21.470	14525		0.47	0.1577
89	21.598	2141		0.07	0.0232
90	21.763	705		0.02	0.0077
91	22.212	43912		1.43	0.4767

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.352	11252		0.37	0.1222
93	22.509	22653		0.74	0.2459
94	22.582	15852		0.52	0.1721
95	22.786	24893		0.81	0.2703
96	22.993	32052		1.04	0.3480
97	23.178	10404		0.34	0.1129
98	23.357	30142		0.98	0.3272
99	23.592	5174		0.17	0.0562
100	23.787	2976		0.10	0.0323
101	24.169	19289		0.63	0.2094
102	24.269	10576		0.34	0.1148
103	24.361	25092		0.82	0.2724
104	24.589	13927		0.45	0.1512
105	25.112	120090		3.91	1.3038
106	25.221	27807		0.91	0.3019
107	25.602	6414		0.21	0.0696
108	25.890	75055		2.44	0.8149
109	26.080	387664	Decachlorobiphenyl	12.63	4.2088
110	26.670	133046		4.33	1.4445
111	27.076	23793		0.77	0.2583
112	27.580	41396		1.35	0.4494
113	27.806	8903		0.29	0.0967
114	27.994	14600		0.48	0.1585
115	28.148	9678		0.32	0.1051
116	28.437	65693		2.14	0.7132
117	29.085	29779		0.97	0.3233
118	29.351	21756		0.71	0.2362
119	29.880	9564		0.31	0.1038
120	30.256	60469		1.97	0.6565
121	30.688	2508		0.08	0.0272
122	31.021	6561		0.21	0.0712
123	31.237	12645		0.41	0.1373
		7885409		2486.27	828.7572

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
41	14.005	89550	AR1248-4	95.08	31.6924
29	10.684	22143	AR1248-1	17.85	5.9513
33	11.832	25260	AR1248-2	31.74	10.5809
35	12.711	30464	AR1248-3	27.67	9.2218
		167417		172.34	57.4464

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

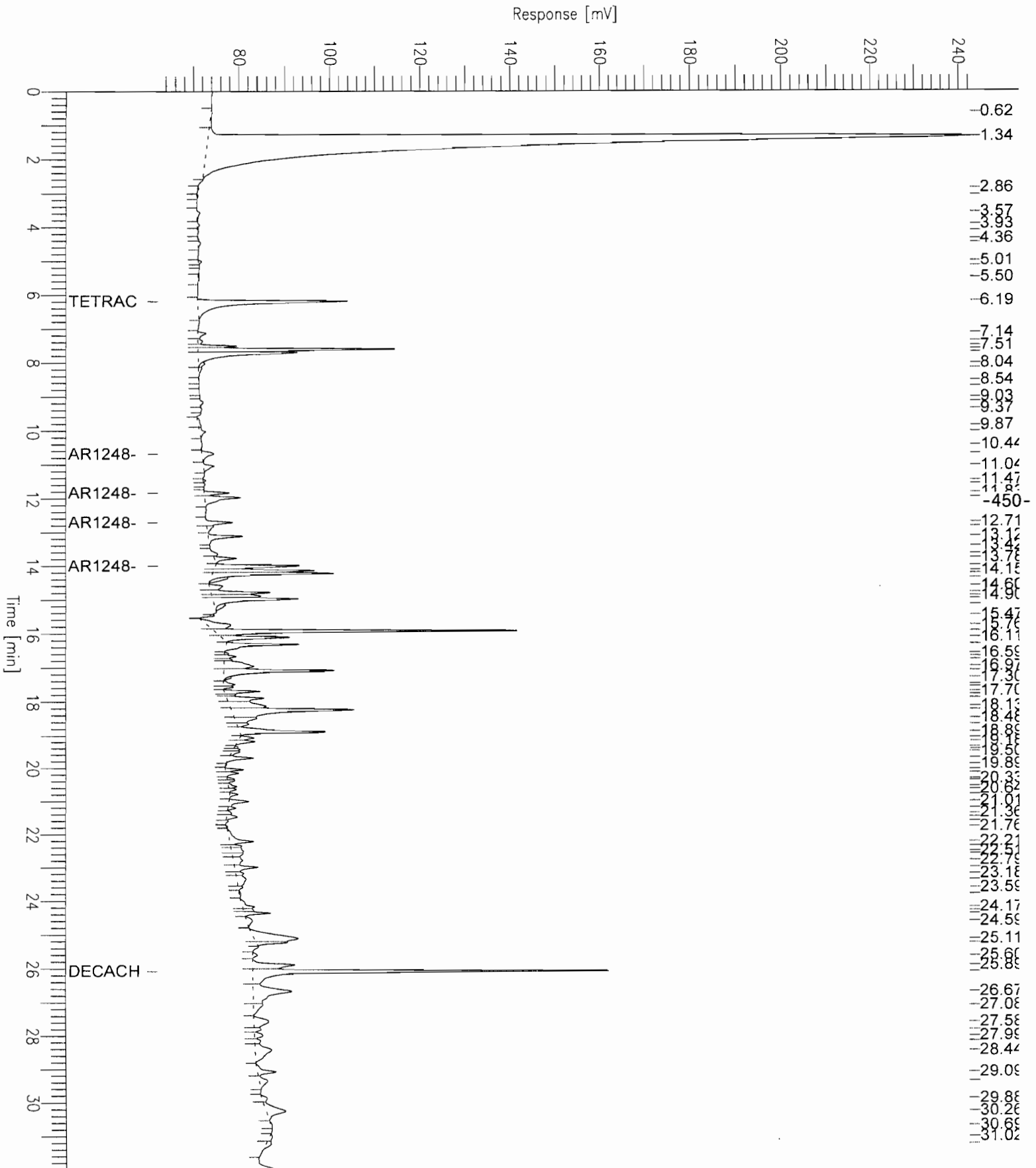
Report stored in ASCII file: C:\DATA65\IC05035.TX0

Chromatogram - ECD#1

Sample Name : u0511380-024a
 FileName : C:\DATA65\Ic05035.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 62 mV

Sample #: 35
 Date : 12/9/05 12:48 PM
 Time of Injection: 12/6/05 02:36 PM
 Low Point : 62.11 mV
 High Point : 242.57 mV
 Plot Scale: 180.5 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-125

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-025A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 11.96 Decanted: NO

Date Received: 11/23/05

Extraction: SONC

Date Extracted: 11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed: 12/10/05

Injection Vol.: 2 (uL)

Time Analyzed: 12:37AM

GPC Cleanup: No pH:

Dilution Factor: 100

Instr. ID: ULI 65.0

Sulfur Cleanup: Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	3700	U
11104-28-2	Aroclor 1221	3700	U
11141-16-5	Aroclor 1232	3700	U
53469-21-9	Aroclor 1242	3700	U
12672-29-6	Aroclor 1248	8444	
11097-69-1	Aroclor 1254	3700	U
11096-82-5	Aroclor 1260	3700	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-125
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:45:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-025 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	12.0	0.00100		wt%	1	12/7/2005

Approved By: _____ **Date:** _____ Page 25 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-025a
Sample Number: 35
Operator : manager

Time : 12/9/05 11:01 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/35

Interface Serial # : NONE Data Acquisition Time: 12/6/05 02:36 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05035.RAW
Result File : C:\DATA65\HC05035.RST
Inst Method : PCB2CH from C:\DATA65\HC05035.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 121

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.819	2998015		336.84	112.2786
2	1.934	1021		0.11	0.0382
3	2.395	306		0.03	0.0115
4	2.647	766		0.09	0.0287
5	3.209	2643		0.30	0.0990
6	3.460	347		0.04	0.0130
7	3.642	1112		0.12	0.0417
8	3.975	1786		0.20	0.0669

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.392	8296		0.93	0.3107
10	4.563	3552		0.40	0.1330
11	4.654	6771		0.76	0.2536
12	4.878	11671		1.31	0.4371
13	5.234	6244		0.70	0.2339
14	5.520	2534		0.28	0.0949
15	5.774	4204		0.47	0.1575
16	5.953	503		0.06	0.0188
17	6.128	1571		0.18	0.0588
18	6.425	2774		0.31	0.1039
19	6.693	87949		9.88	3.2938
20	7.099	146932	Tetrachloro-m-xylene	16.51	5.5027
21	7.562	9649		1.08	0.3614
22	8.083	2316		0.26	0.0867
23	8.206	459		0.05	0.0172
24	8.377	3543		0.40	0.1327
25	8.787	13709		1.54	0.5134
26	8.846	11687		1.31	0.4377
27	9.334	3264		0.37	0.1222
28	9.551	1867		0.21	0.0699
29	9.705	212322		23.86	7.9517
30	9.808	96275		10.82	3.6056
31	10.042	45719		115.19	38.3983
32	10.351	109746		276.52	92.1724
33	10.469	304382		766.93	255.6421
34	10.763	33807		85.18	28.3938
35	10.975	6667		16.80	5.5994
36	11.264	200600		505.43	168.4779
37	11.674	1695247		4271.37	1423.7898
38	11.765	3327546		8384.13	2794.7114
39	12.269	1110493		2798.02	932.6718
40	12.418	169726		427.65	142.5484
41	12.556	10409		26.23	8.7420
43	12.950	3736340		9414.14	3138.0460
44	13.102	1890010		4762.10	1587.3656
46	13.618	1923800		4813.50	1604.4984
47	13.795	1862656		4660.51	1553.5027
48	14.094	4954896		12397.53	4132.5101
49	14.476	59741		120.56	40.1879
50	14.643	171352		345.80	115.2682
51	14.757	198181		399.95	133.3157
52	14.941	398052		803.31	267.7689
53	15.083	6020353		12149.64	4049.8792
	15.167	21327471	AR1248	12936.36	4312.1200
55	15.310	7961524		16067.10	5355.7014
56	15.518	362593		1016.88	338.9598
58	15.977	6735986		18890.83	6296.9438
59	16.172	3264381		9154.84	3051.6128
60	16.455	663431		1860.57	620.1892
61	16.659	2368540		6642.48	2214.1615
62	16.979	3485799		9775.80	3258.5989
63	17.158	2586944		7254.99	2418.3309
64	17.323	5414076		15183.58	5061.1939
65	17.673	2108354		5912.80	1970.9340
66	17.823	580914		1629.15	543.0510
67	18.014	971939		2725.77	908.5889
68	18.155	179514		503.44	167.8138
69	18.233	132533		371.69	123.8951
70	18.341	637557		1788.01	596.0022
71	18.537	4806649		13480.07	4493.3582
72	18.887	754521		2116.03	705.3425
73	19.094	1668366		4678.87	1559.6242
74	19.343	151382		424.54	141.5148
75	19.470	5762164		16159.78	5386.5938
76	19.733	288465		808.99	269.6630
77	19.876	136635		383.19	127.7295
78	19.976	342852		961.52	320.5055
79	20.089	2662577		7467.10	2489.0338
80	20.372	24767		69.46	23.1531
81	20.487	746091		2092.39	697.4622
82	20.696	351803		986.62	328.8730
83	20.905	35765		100.30	33.4343
84	21.091	780998		2190.28	730.0939
85	21.249	656205		1840.30	613.4345
86	21.357	67178		188.40	62.7995
87	21.498	144409		404.99	134.9965
88	21.596	329457		923.95	307.9832
89	21.746	334568		938.28	312.7609
90	21.869	11117		0.66	0.2199
91	21.980	58331		3.46	1.1538

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.173	400446		23.76	7.9212
93	22.290	58198		3.45	1.1512
94	22.472	1724025		102.31	34.1027
95	22.984	18399		1.09	0.3640
96	23.179	23702		1.41	0.4688
97	23.313	42098		2.50	0.8327
98	23.480	667202		39.59	13.1979
99	23.547	487658		28.94	9.6463
100	23.635	164455		9.76	3.2531
101	23.809	561894		33.34	11.1148
102	24.356	3917		0.23	0.0775
103	24.563	18991		1.13	0.3757
104	24.667	1516		0.09	0.0300
105	24.895	246311		14.62	4.8722
106	25.473	1272		0.08	0.0252
107	25.685	517820		30.73	10.2429
108	25.921	51397		3.05	1.0167
109	26.313	129251		7.67	2.5567
110	26.776	126372		7.50	2.4998
111	27.158	1056		0.06	0.0209
112	27.374	408494		24.24	8.0804
113	27.716	365640	Decachlorobiphenyl	21.70	7.2327
114	28.420	630		0.04	0.0125
115	29.226	19733		1.17	0.3903
116	29.366	9401		0.56	0.1860
117	29.832	14382		0.85	0.2845
118	30.279	997		0.06	0.0197
119	30.576	20534		1.22	0.4062
120	30.988	39752		2.36	0.7863
121	31.345	6837		0.41	0.1352
		116902049		236247.29	78749.0963

Group Report For : AR1248

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
57	15.805	6061274	AR1248-4	16998.62	5666.2080
42	12.778	4113754	AR1248-1	10365.08	3455.0257
45	13.459	4522889	AR1248-2	11316.62	3772.2054
54	15.167	6629554	AR1248-3	13379.06	4459.6875
		21327471		52059.38	17353.1266

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 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

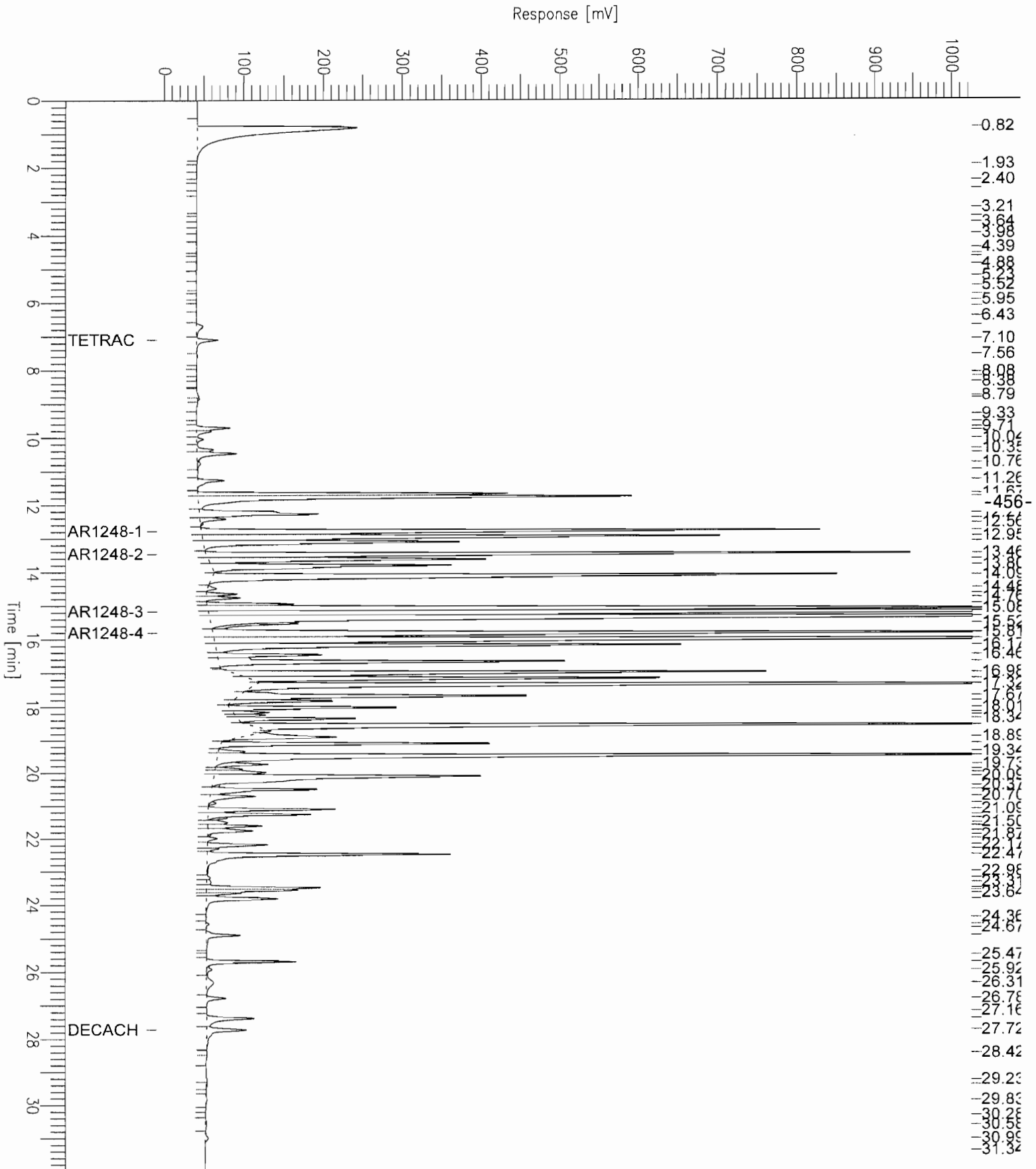
Report stored in ASCII file: C:\DATA65\HC05035.TX0

Chromatogram - ECD#1

Sample Name : u0511380-025a
FileName : C:\DATA65\Hc05035.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : -9 mV

Sample #: 35
Date : 12/9/05 11:02 AM
Time of Injection: 12/6/05 02:36 PM
Low Point : -9.22 mV
Plot Scale: 1033.2 mV
High Point : 1024.00 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-025a

Time : 12/9/05 12:48 PM

Sample Number: 36

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/35

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:12 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05036.RAW

Result File : C:\DATA65\IC05036.RST

Inst Method : PCB2CH from C:\DATA65\IC05036.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 135

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.325	515		0.02	0.0071
2	0.506	1215		0.05	0.0167
3	0.884	2183		0.09	0.0300
4	1.337	5952277		245.27	81.7558
5	3.043	297		0.01	0.0041
6	3.562	18214		0.75	0.2502
7	3.905	10756		0.44	0.1477
8	4.130	11756		0.48	0.1615

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.375	15344		0.63	0.2108
10	4.506	15860		0.65	0.2178
11	4.645	8124		0.33	0.1116
12	5.016	17431		0.72	0.2394
13	5.293	37434		1.54	0.5142
14	5.562	35221		1.45	0.4838
15	5.850	31814		1.31	0.4370
16	5.975	11872		0.49	0.1631
17	6.195	421365	Tetrachloro-m-xylene	17.36	5.7875
18	6.627	19032		0.78	0.2614
19	6.768	10357		0.43	0.1423
20	6.914	18148		0.75	0.2493
21	7.141	29505		1.22	0.4053
22	7.369	12629		0.52	0.1735
23	7.559	8280		0.34	0.1137
24	7.709	12660		0.52	0.1739
25	7.816	9612		0.40	0.1320
26	8.034	2727		0.11	0.0375
27	8.148	5528		0.23	0.0759
28	8.251	3059		0.13	0.0420
29	8.410	6587		0.27	0.0905
30	8.551	47195		38.05	12.6844
31	8.800	24218		19.53	6.5091
32	9.038	30310		24.44	8.1463
33	9.162	677036		545.90	181.9662
34	9.335	140932		113.63	37.8783
35	9.528	103783		83.68	27.8937
36	9.855	468383		377.66	125.8868
37	9.952	335529		270.54	90.1796
38	10.340	429373		346.21	115.4022
40	10.680	25639438	AR1248	6285.70	2095.2328
41	11.103	986021		795.04	265.0118
42	11.268	265711		333.90	111.2998
43	11.471	996845		1252.66	417.5533
44	11.570	1022780		1285.25	428.4168
45	11.957	5313951		6677.64	2225.8799
46	12.065	4667344		5865.10	1955.0325
47	12.578	3735		3.39	1.1308
49	12.835	3620632		3288.07	1096.0246
50	13.090	7246781		6581.16	2193.7194
51	13.403	274000		290.91	96.9708
52	13.611	1898525		2015.71	671.9027
53	13.748	5411817		5745.85	1915.2835
55	14.093	8814110		9358.14	3119.3813
56	14.375	1970213		2091.82	697.2735
57	14.586	1268404		1346.69	448.8979
58	14.770	1510689		1603.93	534.6443
59	15.227	214470		227.71	75.9025
60	15.521	716105		760.30	253.4349
61	15.719	4793481		5089.35	1696.4497
62	15.905	4586618		4869.72	1623.2391
63	16.098	3929418		4171.95	1390.6512
64	16.283	7116834		7556.11	2518.7023
65	16.665	472804		501.99	167.3291
66	16.756	402130		426.95	142.3169
67	16.857	3787175		4020.93	1340.3105
68	16.961	1724119		1830.54	610.1789
69	17.063	6218355		6602.17	2200.7234
70	17.498	1318863		1400.27	466.7556
71	17.691	1939064		2058.75	686.2496
72	17.783	383738		407.42	135.8080
73	17.917	35573		37.77	12.5894
74	18.136	1410943		1498.03	499.3435
75	18.207	7268572		7717.21	2572.4034
76	18.498	506001		537.23	179.0776
77	18.661	501163		532.10	177.3654
78	18.868	4473224		4749.33	1583.1084
79	19.043	929142		986.49	328.8306
80	19.181	1446719		1536.02	512.0051
81	19.358	706280		749.87	249.9579
82	19.506	59160		62.81	20.9372
83	19.707	597709		634.60	211.5338
84	19.884	17841		18.94	6.3141
85	20.039	874541		28.48	9.4947
86	20.149	1135059		36.97	12.3231
87	20.314	440390		14.34	4.7812
88	20.382	700822		22.83	7.6087
89	20.478	119870		3.90	1.3014
90	20.557	447115		14.56	4.8542
91	20.631	628562		20.47	6.8242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	20.776	471054		15.34	5.1141
93	21.011	2746874		89.47	29.8222
94	21.205	172258		5.61	1.8702
95	21.384	156709		5.10	1.7014
96	21.549	28486		0.93	0.3093
97	21.680	5394		0.18	0.0586
98	21.747	19945		0.65	0.2165
99	22.001	48648		1.58	0.5282
100	22.216	2143615		69.82	23.2727
101	22.346	575489		18.74	6.2480
102	22.412	450340		14.67	4.8892
103	22.575	58459		1.90	0.6347
104	22.779	23182		0.76	0.2517
105	22.878	27642		0.90	0.3001
106	23.048	49616		1.62	0.5387
107	23.176	53119		1.73	0.5767
108	23.340	4369		0.14	0.0474
109	23.588	396293		12.91	4.3025
110	23.846	3070		0.10	0.0333
111	23.988	12079		0.39	0.1311
112	24.164	1078084		35.11	11.7045
113	24.549	18766		0.61	0.2037
114	24.704	8792		0.29	0.0955
115	25.102	238060		7.75	2.5846
116	25.234	406520		13.24	4.4135
117	25.575	13955		0.45	0.1515
118	25.713	36787		1.20	0.3994
119	25.863	486073		15.83	5.2772
120	26.079	703078	Decachlorobiphenyl	22.90	7.6332
121	26.683	36709		1.20	0.3985
122	26.767	35541		1.16	0.3859
123	27.309	66719		2.17	0.7244
124	27.650	46643		1.52	0.5064
125	27.953	1528		0.05	0.0166
126	28.223	2385		0.08	0.0259
127	28.504	29903		0.97	0.3247
128	28.895	1280		0.04	0.0139
129	29.088	9366		0.31	0.1017
130	29.419	12710		0.41	0.1380
131	30.006	1111		0.04	0.0121
132	30.559	2524		0.08	0.0274
133	30.828	1400		0.05	0.0152
134	31.217	13069		0.43	0.1419
135	31.623	4444		0.14	0.0483
		150501507		116392.60	38797.5331

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
54	13.967	6060827	AR1248-4	6434.92	2144.9732
39	10.680	8054601	AR1248-1	6494.48	2164.8257
44	11.813	5505270	AR1248-2	6918.06	2306.0188
48	12.688	6018740	AR1248-3	5465.91	1821.9712
		25639438		25313.37	8437.7889

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

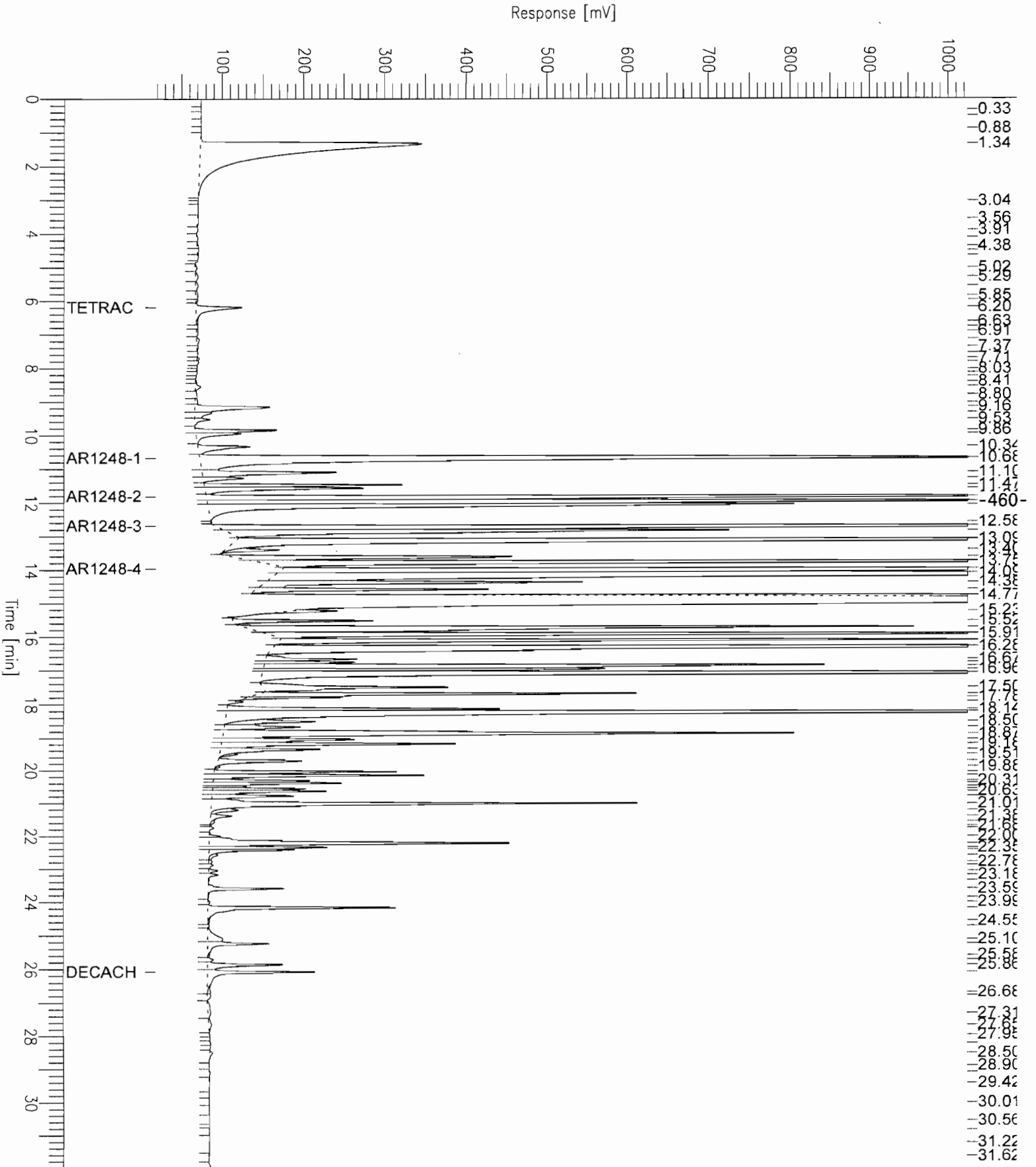
Report stored in ASCII file: C:\DATA65\IC05036.TX0

Chromatogram - ECD#1

Sample Name : u0511380-025a
 FileName : C:\DATA65\Ic05036.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 18 mV

Sample #: 36
 Date : 12/9/05 12:48 PM
 Time of Injection: 12/6/05 03:12 PM
 Low Point : 18.34 mV
 High Point : 1024.00 mV
 Plot Scale: 1005.7 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-025a
Sample Number: 18
Operator : manager

Time : 12/11/05 04:41 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/18

Interface Serial # : NONE Data Acquisition Time: 12/10/05 12:37 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09018.RAW
Result File : C:\DATA65\HC09018.RST
Inst Method : PCB2CH from C:\DATA65\HC09018.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-461-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 72

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	1169030		131.34	4378.1305
2	3.233	564		0.06	2.1141
3	4.912	621		0.07	2.3264
4	6.166	373		0.04	1.3957
5	6.682	494		0.06	1.8517
6	7.098	960	Tetrachloro-m-xylene	0.11	3.5941
7	9.706	1714		0.19	6.4208
8	10.354	1264		3.18	106.1633

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	10.468	2862		7.21	240.3703
10	11.266	1365		3.44	114.6262
11	11.677	22516		56.73	1891.0953
12	11.766	33391		84.13	2804.3905
13	12.202	3975		10.02	333.8484
14	12.269	6607		16.65	554.8855
15	12.416	1621		4.08	136.1364
16	12.566	489		1.23	41.0503
18	12.952	55798		140.59	4686.3563
19	13.103	22166		55.85	1861.6179
21	13.619	21312		53.32	1777.4669
22	13.795	19215		48.08	1602.5987
23	14.095	51116		127.90	4263.2272
24	14.480	812		1.64	54.6137
25	14.642	1631		3.29	109.7108
26	14.755	2478		5.00	166.7161
27	14.942	3890		7.85	261.6644
28	15.088	87791		177.17	5905.6948
	15.195	329090	AR1248	199.61	6653.7434
30	15.337	137625		277.74	9258.0364
32	15.989	89570		251.20	8373.1732
33	16.172	41390		116.08	3869.2110
34	16.455	5727		16.06	535.3613
35	16.659	27766		77.87	2595.5787
36	16.979	35590		99.81	3327.0288
37	17.158	24663		69.17	2305.5400
38	17.340	69787		195.71	6523.8277
39	17.674	21099		59.17	1972.3661
40	17.831	5858		16.43	547.5973
41	18.014	11870		33.29	1109.6193
42	18.155	1455		4.08	135.9909
43	18.232	1085		3.04	101.4265
44	18.343	11142		31.25	1041.6159
45	18.542	75379		211.40	7046.5546
46	18.882	12792		35.87	1195.7935
47	19.093	19665		55.15	1838.2890
48	19.337	1641		4.60	153.4456
49	19.475	49939		140.05	4668.4153
50	19.730	2488		6.98	232.6165
51	19.980	3145		8.82	293.9835
52	20.088	23571		66.11	2203.5128
53	20.486	6830		19.15	638.4718
54	20.693	2441		6.84	228.1666
55	21.092	5924		16.61	553.8326
56	21.247	5313		14.90	496.6315
57	21.500	560		1.57	52.3202
58	21.593	2468		6.92	230.7537
59	21.745	2584		7.25	241.5367
60	21.990	360		0.02	0.7122
61	22.200	7490		0.44	14.8150
62	22.471	15643		0.93	30.9429
63	23.480	4502		0.27	8.9052
64	23.546	2989		0.18	5.9120
65	23.806	3818		0.23	7.5525
66	24.893	2494		0.15	4.9341
67	25.484	4299		0.26	8.5034
68	25.684	5149		0.31	10.1855
69	26.387	28992		1.72	57.3489
70	26.774	1776		0.11	3.5127
71	27.408	4465		0.26	8.8317
72	27.714	2675	Decachlorobiphenyl	0.16	5.2910
		2627162		2997.00	99899.9540

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	15.814	73696	AR1248-4	206.68	6889.2218
17	12.781	77279	AR1248-1	194.71	6490.4471
20	13.461	59705	AR1248-2	149.39	4979.5314
29	15.195	118410	AR1248-3	238.96	7965.4506
		329090		789.74	26324.6509

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

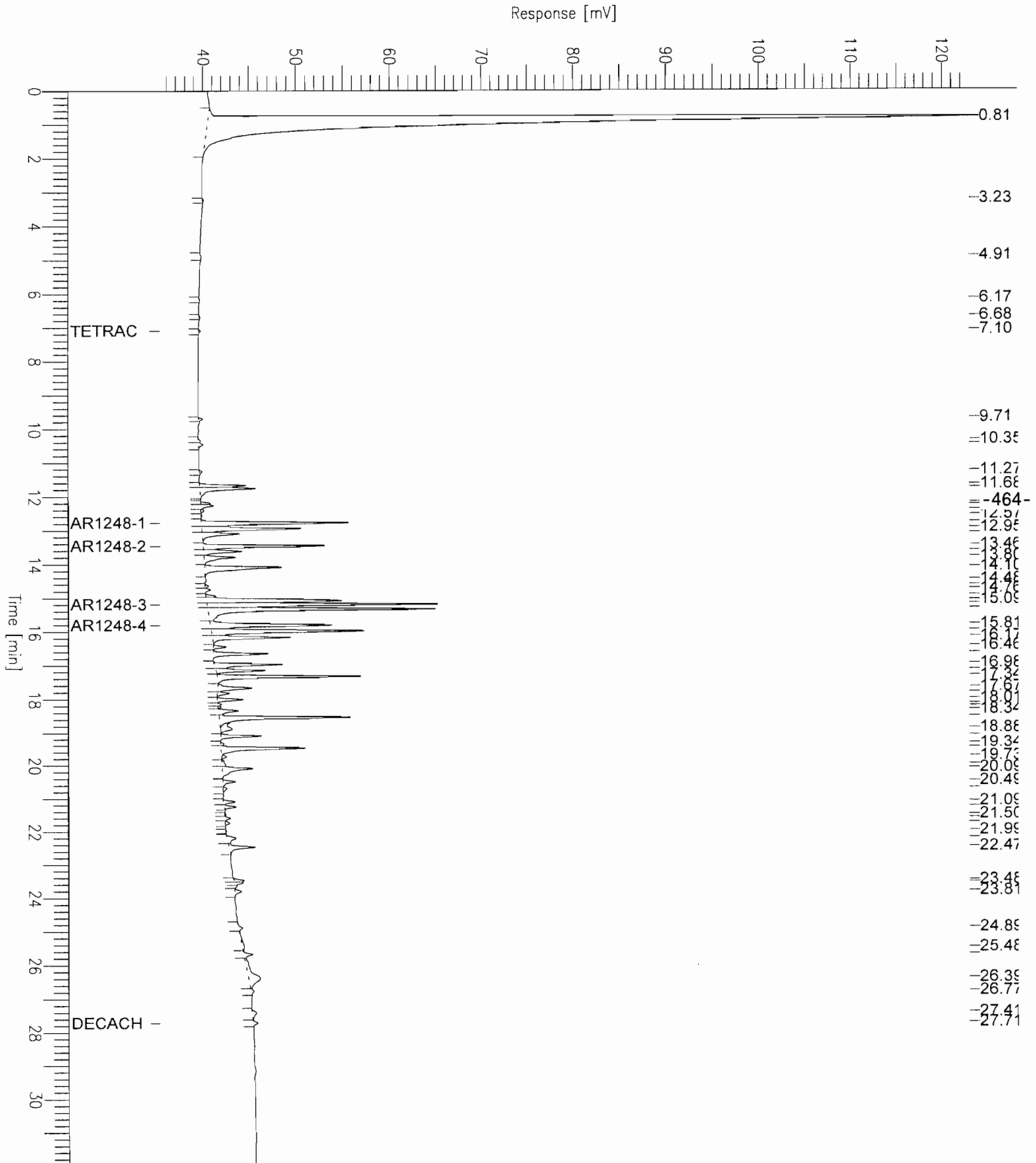
Report stored in ASCII file: C:\DATA65\HC09018.TX0

Chromatogram - ECD#1

Sample Name : u0511380-025a
 FileName : C:\DATA65\Hc09018.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 35 mV

Sample #: 18
 Date : 12/11/05 04:41 PM
 Time of Injection: 12/10/05 12:37 AM
 Low Point : 35.24 mV
 Plot Scale: 87.7 mV
 High Point : 122.91 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-025a
Sample Number: 19
Operator : manager

Time : 12/22/05 03:18 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/18

Interface Serial # : NONE Data Acquisition Time: 12/10/05 01:13 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09019.RAW
Result File : C:\DATA65\IC09019.RST
Inst Method : PCB2CH from C:\DATA65\IC09019.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-465-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 85

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.331	2201605		90.72	3023.9516
2	3.132	405		0.02	0.5560
3	3.753	348		0.01	0.4780
4	3.934	2315		0.10	3.1791
5	5.459	1653		0.07	2.2705
6	6.190	3548	Tetrachloro-m-xylene	0.15	4.8735
7	6.824	699		0.03	0.9595
8	9.160	6605		5.33	177.5332

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.524	823		0.66	22.1240
10	9.849	5260		4.24	141.3605
11	9.944	4319		3.48	116.0685
12	10.341	4078		3.29	109.6035
14	11.100	16157		13.03	434.2527
15	11.266	4103		5.16	171.8788
16	11.472	8412		10.57	352.3771
17	11.564	15969		20.07	668.9196
19	11.960	123887		155.68	5189.3015
20	12.061	95617		120.15	4005.1639
22	12.833	56981		51.75	1724.9045
23	13.116	147563		134.01	4466.9815
24	13.395	3670		3.90	129.8674
25	13.607	24040		25.52	850.7768
26	13.776	111048		117.90	3930.0847
	14.003	583067	AR1248	142.94	4764.7769
28	14.139	353909		375.75	12525.1206
29	14.370	74233		78.82	2627.1785
30	14.583	41897		44.48	1482.7585
31	14.784	113690		120.71	4023.5719
32	14.902	113735		120.75	4025.1638
33	14.968	251533		267.06	8901.9394
34	15.513	11103		11.79	392.9563
35	15.721	69689		73.99	2466.3634
36	15.922	70969		75.35	2511.6312
37	16.107	47922		50.88	1695.9874
38	16.311	170631		181.16	6038.7588
39	16.660	4124		4.38	145.9341
40	16.756	484		0.51	17.1241
41	16.860	33313		35.37	1178.9607
42	16.961	34509		36.64	1221.2846
43	17.091	111385		118.26	3941.9990
44	17.491	11939		12.68	422.5438
45	17.693	42801		45.44	1514.7698
46	18.132	18380		19.51	650.4994
47	18.243	113606		120.62	4020.6009
48	18.488	19574		20.78	692.7324
49	18.660	10677		11.34	377.8574
50	18.871	71154		75.55	2518.1781
51	19.057	15050		15.98	532.6199
52	19.177	28951		30.74	1024.5906
53	19.354	18097		19.21	640.4588
54	19.712	11544		12.26	408.5473
55	20.042	7411		0.24	8.0460
56	20.145	17089		0.56	18.5528
57	20.379	12263		0.40	13.3132
58	20.556	4432		0.14	4.8117
59	20.644	3895		0.13	4.2286
60	20.775	4118		0.13	4.4707
61	21.016	30864		1.01	33.5086
62	21.371	789		0.03	0.8561
63	21.470	6069		0.20	6.5889
64	22.001	211		0.01	0.2293
65	22.213	21412		0.70	23.2462
66	22.342	6818		0.22	7.4023
67	22.410	5287		0.17	5.7400
68	22.786	343		0.01	0.3725
69	23.172	226		0.01	0.2458
70	23.387	1375		0.04	1.4933
71	23.586	7594		0.25	8.2443
72	24.167	22107		0.72	24.0010
73	24.713	3886		0.13	4.2194
74	25.104	19063		0.62	20.6964
75	25.227	6048		0.20	6.5661
76	25.616	726		0.02	0.7879
77	26.073	12128	Decachlorobiphenyl	0.40	13.1676
78	26.668	5443		0.18	5.9088
79	27.171	599		0.02	0.6506
80	27.642	4291		0.14	4.6584
81	28.117	6185		0.20	6.7150
82	28.436	1970		0.06	2.1386
83	29.364	1283		0.04	1.3924
84	29.856	862		0.03	0.9357
85	30.247	6635		0.22	7.2035

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5508490

2895.98

96532.7651

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
27	14.003	188737	AR1248-4	200.39	6679.5633
13	10.687	112767	AR1248-1	90.93	3030.8388
18	11.829	141260	AR1248-2	177.51	5917.0337
21	12.711	140302	AR1248-3	127.42	4247.1805
		583067		596.24	19874.6163

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

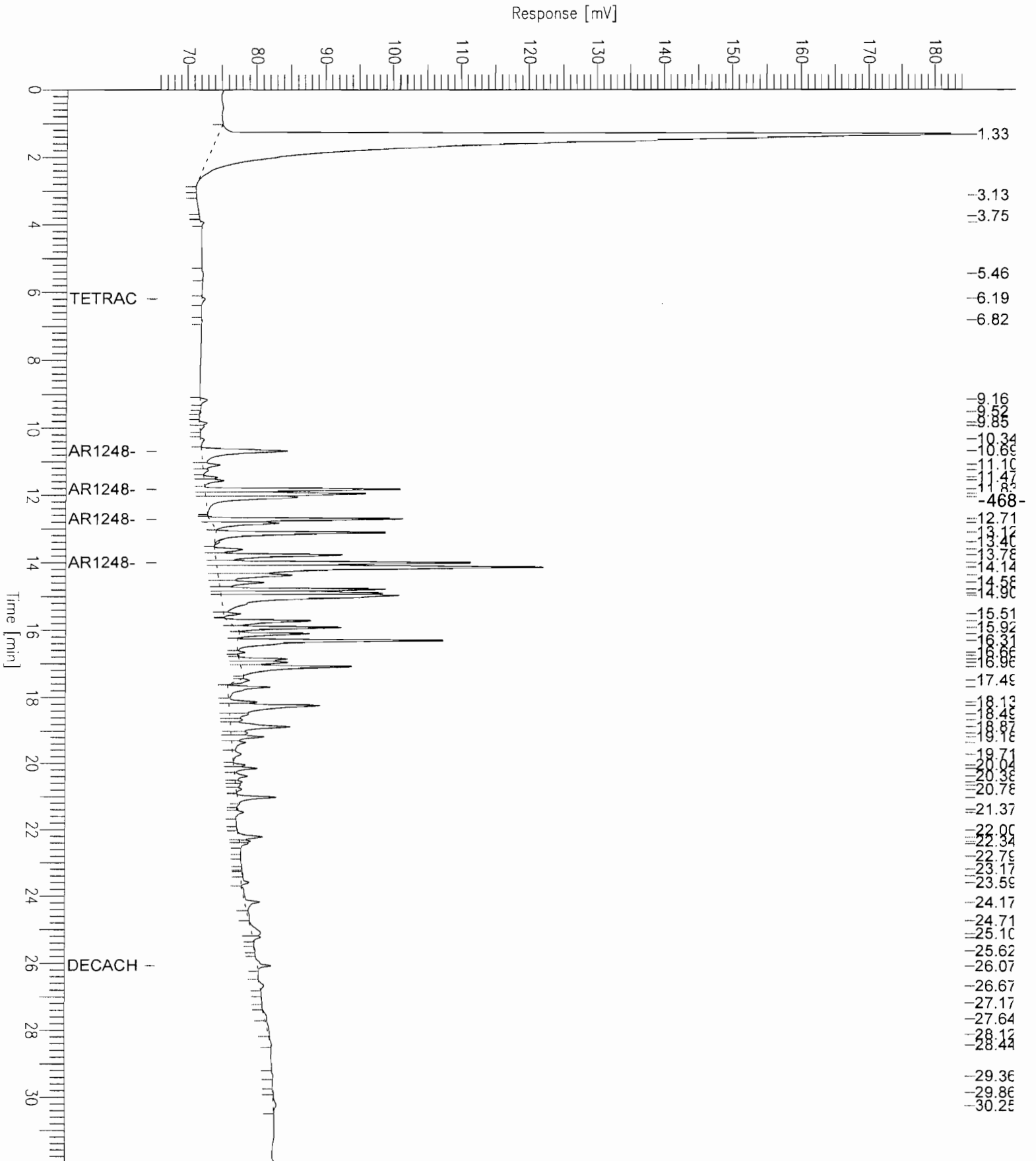
Report stored in ASCII file: C:\DATA65\IC09019.TX0

Chromatogram - ECD#1

Sample Name : u0511380-025a
 FileName : C:\DATA65\Ic09019.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 65 mV

Sample #: 19
 Date : 12/22/05 03:18 PM
 Time of Injection: 12/10/05 01:13 AM
 Low Point : 65.48 mV
 Plot Scale: 119.3 mV
 High Point : 184.80 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-126

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-026A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 29.4

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

3:12PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		47	U
11104-28-2	Aroclor 1221		47	U
11141-16-5	Aroclor 1232		47	U
53469-21-9	Aroclor 1242		47	U
12672-29-6	Aroclor 1248		377	
11097-69-1	Aroclor 1254		47	U
11096-82-5	Aroclor 1260		47	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-126
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:50:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-026 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	29.4	0.00100		wt%	1	12/7/2005

-470-

Approved By: _____ **Date:** _____ Page 26 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-026a
Sample Number: 36
Operator : manager

Time : 12/9/05 11:02 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/36

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:12 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05036.RAW
Result File : C:\DATA65\HC05036.RST
Inst Method : PCB2CH from C:\DATA65\HC05036.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-471-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 115

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.816	4654829		522.98	174.3279
2	1.794	1737		0.20	0.0651
3	2.233	9479		1.06	0.3550
4	2.447	6337		0.71	0.2373
5	2.810	485		0.05	0.0182
6	3.203	1901		0.21	0.0712
7	3.650	1321		0.15	0.0495
8	3.973	1078		0.12	0.0404

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.571	700		0.08	0.0262
10	4.675	888		0.10	0.0333
11	4.890	594		0.07	0.0223
12	5.135	555		0.06	0.0208
13	5.231	513		0.06	0.0192
14	5.581	1292		0.15	0.0484
15	6.163	501		0.06	0.0187
16	6.687	23985		2.69	0.8983
17	7.100	96638	Tetrachloro-m-xylene	10.86	3.6192
18	7.560	7885		0.89	0.2953
19	8.105	1528		0.17	0.0572
20	8.218	206		0.02	0.0077
21	8.382	371		0.04	0.0139
22	8.781	8173		0.92	0.3061
23	9.329	886		0.10	0.0332
24	9.705	21084		2.37	0.7896
25	9.806	6148		0.69	0.2303
26	10.037	2261		5.70	1.8986
27	10.349	11635		29.32	9.7722
28	10.465	15318		38.60	12.8652
29	10.759	10717		27.00	9.0006
30	11.266	11966		30.15	10.0499
31	11.678	69586		175.33	58.4432
32	11.764	121685		306.60	102.1997
33	12.201	28472		71.74	23.9132
34	12.263	25975		65.45	21.8153
35	12.418	14912		37.57	12.5245
36	12.564	16842		42.43	14.1450
38	12.951	232914		586.85	195.6175
39	13.102	101868		256.67	85.5562
41	13.618	84203		210.68	70.2271
42	13.795	72530		181.48	60.4919
43	14.094	199784		499.87	166.6250
44	14.475	2599		5.24	1.7483
45	14.644	6208		12.53	4.1759
46	14.756	9910		20.00	6.6667
47	14.941	14971		30.21	10.0711
48	15.085	338978		684.09	228.0300
	15.193	1329713	AR1248	806.55	268.8497
50	15.335	578411		1167.29	389.0959
51	15.528	37405		104.90	34.9666
53	15.988	401759		1126.72	375.5727
54	16.172	223341		626.35	208.7836
55	16.452	26981		75.67	25.2224
56	16.659	136300		382.25	127.4165
57	16.979	181332		508.54	169.5130
58	17.159	157506		441.72	147.2398
59	17.338	412734		1157.50	385.8328
60	17.587	37943		106.41	35.4701
61	17.674	132012		370.22	123.4073
62	17.825	37188		104.29	34.7640
63	18.013	86086		241.43	80.4754
64	18.154	11851		33.24	11.0785
65	18.236	28677		80.42	26.8076
66	18.340	63094		176.95	58.9818
67	18.540	395985		1110.52	370.1748
68	18.703	20672		57.97	19.3243
69	18.879	73468		206.04	68.6797
70	19.094	125249		351.26	117.0856
71	19.347	14081		39.49	13.1636
72	19.472	358914		1006.56	335.5204
73	19.736	25170		70.59	23.5298
74	19.870	10457		29.33	9.7758
75	19.982	40418		113.35	37.7834
76	20.088	155038		434.80	144.9333
77	20.238	29135		81.71	27.2356
78	20.366	7765		21.78	7.2588
79	20.486	44785		125.60	41.8662
80	20.567	30017		84.18	28.0605
81	20.693	24894		69.81	23.2710
82	20.910	3336		9.36	3.1187
83	21.087	43679		122.50	40.8322
84	21.248	26180		73.42	24.4741
85	21.502	12219		34.27	11.4224
86	21.593	14619		41.00	13.6657
87	21.737	29577		82.95	27.6496
88	21.886	1225		0.07	0.0242
89	21.979	12750		0.76	0.2522
90	22.177	22156		1.31	0.4383
91	22.471	64416		3.82	1.2742

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.813	437		0.03	0.0086
93	23.024	470		0.03	0.0093
94	23.180	4778		0.28	0.0945
95	23.478	51748		3.07	1.0236
96	23.548	34609		2.05	0.6846
97	23.641	20458		1.21	0.4047
98	23.810	78642		4.67	1.5556
99	24.370	18655		1.11	0.3690
100	24.564	1410		0.08	0.0279
101	24.893	15412		0.91	0.3049
102	25.063	9967		0.59	0.1972
103	25.341	75542		4.48	1.4943
104	25.682	26984		1.60	0.5338
105	25.921	3294		0.20	0.0651
106	26.288	1135302		67.37	22.4573
107	26.766	60918		3.62	1.2050
108	27.377	121638		7.22	2.4061
109	27.717	208085	Decachlorobiphenyl	12.35	4.1161
110	29.007	4198		0.25	0.0830
111	29.383	3255		0.19	0.0644
112	29.815	7138		0.42	0.1412
113	30.622	23226		1.38	0.4594
114	30.988	10187		0.60	0.2015
115	31.398	1285		0.08	0.0254
		13628622		15659.00	5219.6661

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
52	15.814	332413	AR1248-4	932.24	310.7471
37	12.780	276398	AR1248-1	696.42	232.1387
40	13.461	226521	AR1248-2	566.77	188.9245
49	15.193	494381	AR1248-3	997.71	332.5691
		1329713		3193.14	1064.3794

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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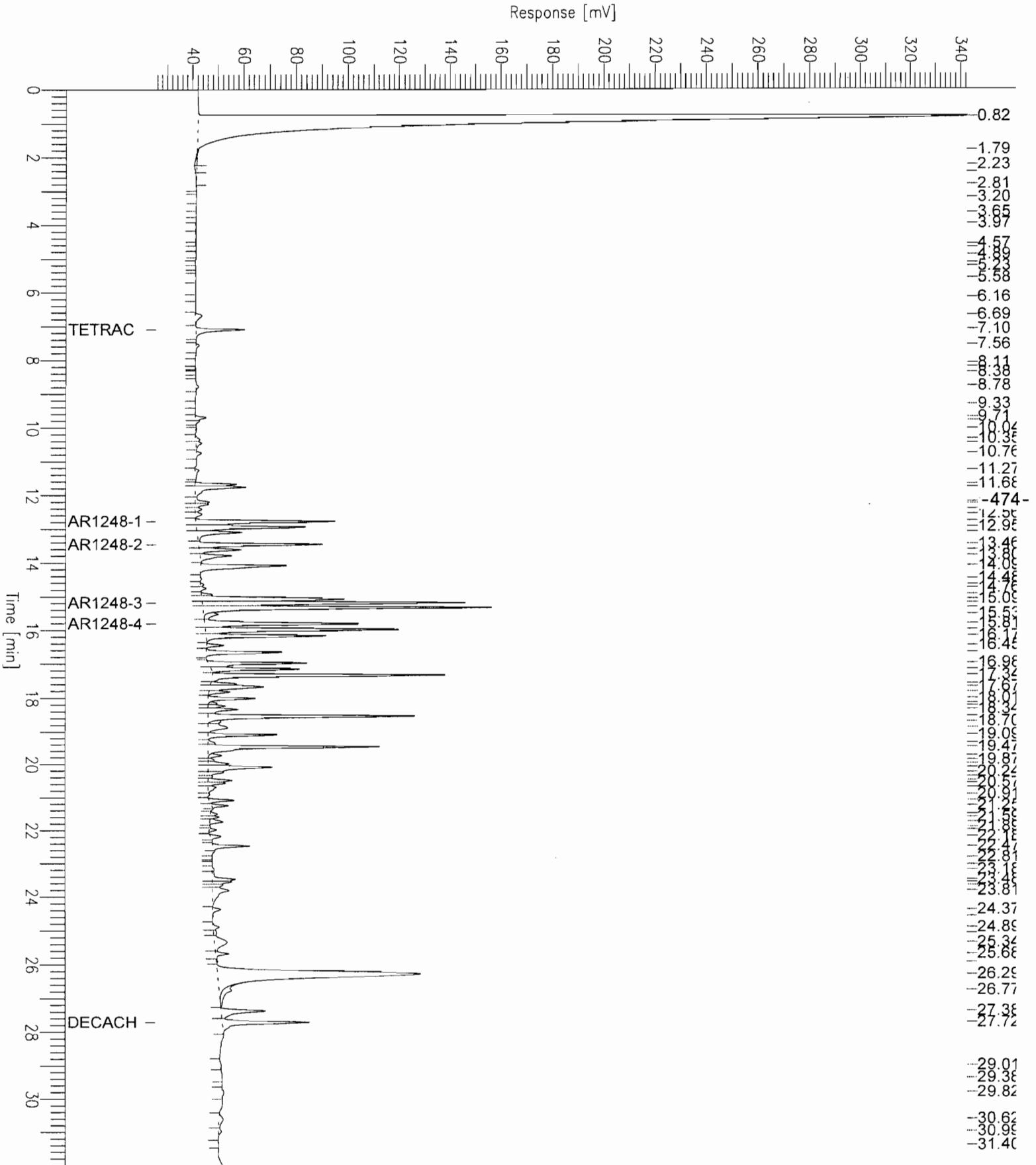
Report stored in ASCII file: C:\DATA65\HC05036.TX0

Chromatogram - ECD#1

Sample Name : u0511380-026a
 FileName : C:\DATA65\Hc05036.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 26 mV

Sample #: 36
 Date : 12/9/05 11:02 AM
 Time of Injection: 12/6/05 03:12 PM
 Low Point : 25.53 mV
 Plot Scale: 317.0 mV
 High Point : 342.50 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-026a
Sample Number: 37
Operator : manager

Time : 12/9/05 12:48 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/36

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:48 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05037.RAW
Result File : C:\DATA65\IC05037.RST
Inst Method : PCB2CH from C:\DATA65\IC05037.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-475-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 123

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.505	8150		0.34	0.1119
2	1.336	9025910		371.92	123.9728
3	3.561	7076		0.29	0.0972
4	3.919	3011		0.12	0.0414
5	4.123	2369		0.10	0.0325
6	4.493	3727		0.15	0.0512
7	5.020	5599		0.23	0.0769
8	5.294	10106		0.42	0.1388

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.553	6963		0.29	0.0956
10	5.862	4978		0.21	0.0684
11	6.196	278204	Tetrachloro-m-xylene	11.46	3.8212
12	7.141	16690		0.69	0.2292
13	7.363	8413		0.35	0.1155
14	7.571	3400		0.14	0.0467
15	7.716	2820		0.12	0.0387
16	8.045	2218		0.09	0.0305
17	8.250	789		0.03	0.0108
18	8.361	1142		0.05	0.0157
19	8.553	10446		8.42	2.8075
20	8.705	4315		3.48	1.1598
21	8.858	9621		7.76	2.5857
22	9.163	122507		98.78	32.9262
23	9.357	51884		41.83	13.9447
24	9.665	7848		6.33	2.1092
25	9.853	47848		38.58	12.8601
26	9.996	29547		23.82	7.9413
27	10.138	25460		20.53	6.8429
28	10.342	73902		59.59	19.8624
30	11.102	125810		101.44	33.8139
31	11.267	40070		50.35	16.7843
32	11.471	41236		51.82	17.2725
33	11.571	70222		88.24	29.4141
35	11.964	409760		514.91	171.6381
36	12.068	353133		443.76	147.9186
38	12.837	201231		182.75	60.9160
39	13.119	509405		462.62	154.2051
40	13.405	8322		8.84	2.9451
41	13.611	86272		91.60	30.5322
42	13.776	339091		360.02	120.0069
	14.002	2169047	AR1248	531.76	177.2527
44	14.140	1286661		1366.08	455.3593
45	14.375	130197		138.23	46.0776
46	14.589	89653		95.19	31.7290
47	14.787	446064		473.60	157.8656
48	14.901	561962		596.65	198.8826
49	14.970	792985		841.93	280.6433
50	15.225	52689		55.94	18.6472
51	15.516	29040		30.83	10.2775
52	15.723	360498		382.75	127.5829
53	15.924	360138		382.37	127.4556
54	16.109	315368		334.83	111.6113
55	16.312	858624		911.62	303.8737
56	16.669	64883		68.89	22.9624
57	16.756	25467		27.04	9.0131
58	16.872	320601		340.39	113.4630
59	16.961	167168		177.49	59.1620
60	17.086	744093		790.02	263.3401
61	17.493	119296		126.66	42.2197
62	17.696	207863		220.69	73.5644
63	17.796	193919		205.89	68.6296
64	18.131	810987		861.04	287.0144
65	18.237	1067049		1132.91	377.6370
66	18.482	121865		129.39	43.1288
67	18.653	105347		111.85	37.2832
68	18.869	396853		421.35	140.4492
69	19.055	131195		139.29	46.4308
70	19.179	118456		125.77	41.9225
71	19.357	12408		13.17	4.3913
72	19.539	12082		12.83	4.2761
73	19.686	67126		71.27	23.7565
74	20.039	62494		66.35	22.1172
75	20.149	81103		2.64	0.8805
76	20.321	37138		1.21	0.4032
77	20.379	47758		1.56	0.5185
78	20.478	5735		0.19	0.0623
79	20.555	22529		0.73	0.2446
80	20.633	25733		0.84	0.2794
81	20.782	32702		1.07	0.3550
82	21.011	182009		5.93	1.9760
83	21.198	22981		0.75	0.2495
84	21.379	6902		0.22	0.0749
85	21.466	27269		0.89	0.2961
86	21.749	3396		0.11	0.0369
87	22.216	144999		4.72	1.5742
88	22.344	37429		1.22	0.4064
89	22.411	19340		0.63	0.2100
90	22.582	5138		0.17	0.0558
91	22.723	20234		0.66	0.2197

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.881	1835		0.06	0.0199
93	23.051	2144		0.07	0.0233
94	23.184	6104		0.20	0.0663
95	23.336	7982		0.26	0.0867
96	23.489	2723		0.09	0.0296
97	23.592	15344		0.50	0.1666
98	23.749	3885		0.13	0.0422
99	23.977	1712		0.06	0.0186
100	24.165	69401		2.26	0.7535
101	24.710	25537		0.83	0.2773
102	25.112	83013		2.70	0.9013
103	25.231	51364		1.67	0.5576
104	25.462	72088		2.35	0.7826
105	25.725	27209		0.89	0.2954
106	25.874	174846		5.69	1.8983
107	26.078	556075	Decachlorobiphenyl	18.11	6.0372
108	26.677	54620		1.78	0.5930
109	26.789	75675		2.46	0.8216
110	27.316	163386		5.32	1.7738
111	27.611	98771		3.22	1.0723
112	27.788	26930		0.88	0.2924
113	28.010	21837		0.71	0.2371
114	28.326	14203		0.46	0.1542
115	28.521	7634		0.25	0.0829
116	28.899	1243		0.04	0.0135
117	29.088	8891		0.29	0.0965
118	29.339	9847		0.32	0.1069
119	30.225	704		0.02	0.0076
120	30.467	14933		0.49	0.1621
121	30.765	33487		1.09	0.3636
122	31.188	1226		0.04	0.0133
123	31.946	524		0.02	0.0057
		26519141		14313.29	4771.0967

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
43	14.002	789601	AR1248-4	838.34	279.4460
29	10.688	414827	AR1248-1	334.48	111.4925
34	11.831	482173	AR1248-2	605.91	201.9702
37	12.714	482446	AR1248-3	438.13	146.0443
		2169047		2216.86	738.9530

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 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

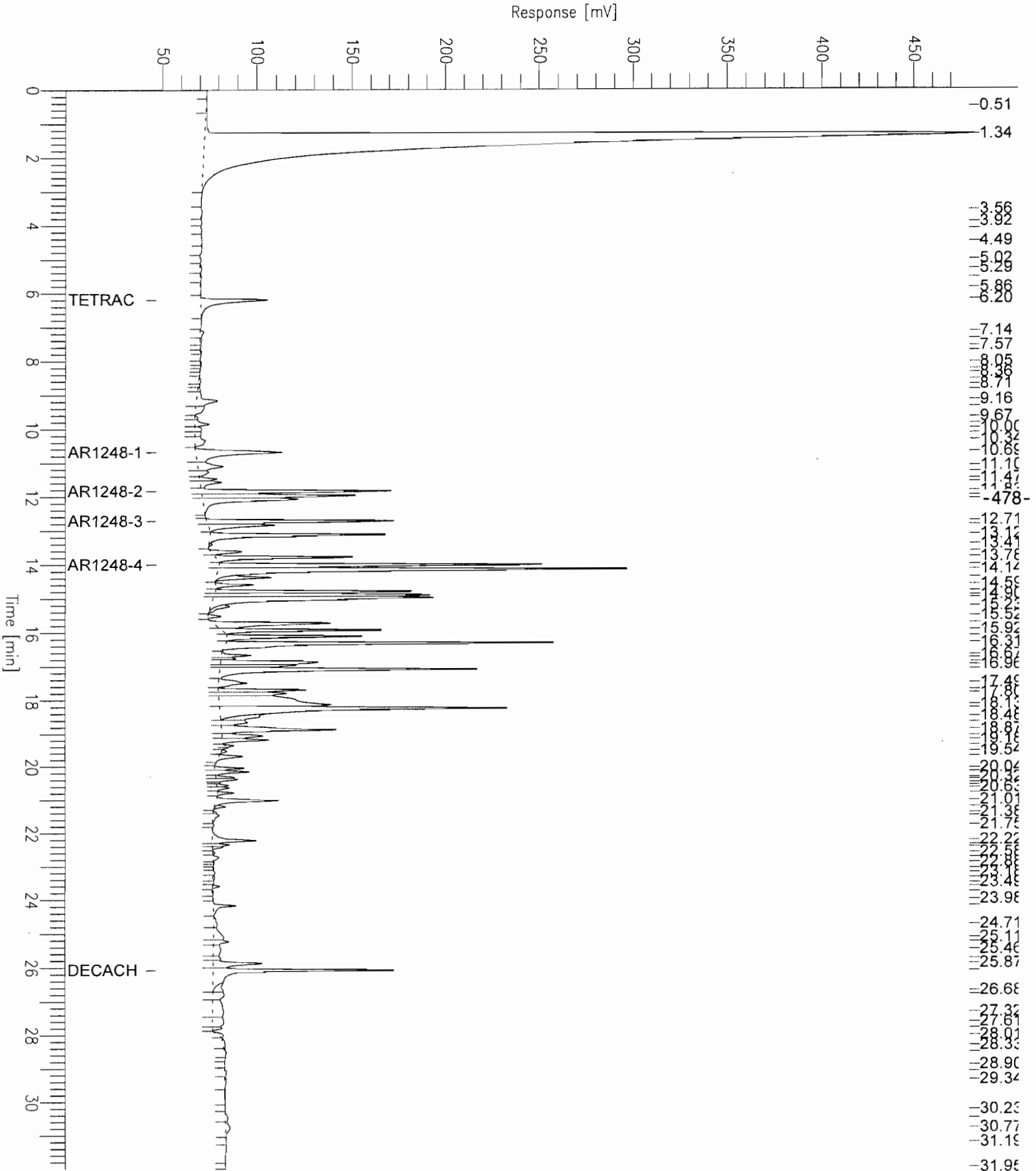
Report stored in ASCII file: C:\DATA65\IC05037.TX0

Chromatogram - ECD#1

Sample Name : u0511380-026a
 FileName : C:\DATA65\Ic05037.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 47 mV

Sample #: 37
 Date : 12/9/05 12:48 PM
 Time of Injection: 12/6/05 03:48 PM
 Low Point : 46.53 mV
 Plot Scale: 433.4 mV
 High Point : 479.91 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-127

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-027A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 12.14 Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/10/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:13AM

GPC Cleanup: No pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	3800	U
11104-28-2	Aroclor 1221	3800	U
11141-16-5	Aroclor 1232	3800	U
53469-21-9	Aroclor 1242	3800	U
12672-29-6	Aroclor 1248	6033	
11097-69-1	Aroclor 1254	3800	U
11096-82-5	Aroclor 1260	3800	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-127
Lab Order: U0511380 **Collection Date:** 11/22/2005 12:55:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-027 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	12.1	0.00100		wt%	1	12/7/2005

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Approved By: _____ **Date:** _____ Page 27 of 30

- | | | |
|--------------------|--|---|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-027a
Sample Number: 37
Operator : manager

Time : 12/9/05 11:02 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/37

Interface Serial # : NONE Data Acquisition Time: 12/6/05 03:48 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05037.RAW
Result File : C:\DATA65\HC05037.RST
Inst Method : PCB2CH from C:\DATA65\HC05037.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-481-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 123

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.810	10440837		1173.06	391.0195
2	2.635	448		0.05	0.0168
3	2.903	375		0.04	0.0140
4	3.200	2216		0.25	0.0830
5	3.647	1140		0.13	0.0427
6	3.808	211		0.02	0.0079
7	4.401	11301		1.27	0.4232
8	4.570	4877		0.55	0.1826

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.672	6800		0.76	0.2547
10	4.899	13576		1.53	0.5085
11	5.239	9913		1.11	0.3713
12	5.525	11181		1.26	0.4187
13	5.780	24703		2.78	0.9252
14	6.083	829		0.09	0.0310
15	6.428	2743		0.31	0.1027
16	6.699	124583		14.00	4.6658
17	7.101	137285	Tetrachloro-m-xylene	15.42	5.1415
18	7.564	10477		1.18	0.3924
19	7.682	8065		0.91	0.3020
20	8.109	1848		0.21	0.0692
21	8.378	3683		0.41	0.1379
22	8.785	3692		0.41	0.1383
23	8.969	7117		0.80	0.2666
24	9.223	6746		0.76	0.2526
25	9.477	1153		0.13	0.0432
26	9.706	295115		33.16	11.0523
27	9.803	94606		10.63	3.5431
28	10.042	28147		70.92	23.6403
29	10.350	73330		184.76	61.5881
30	10.470	194734		490.65	163.5514
31	10.721	52764		132.95	44.3151
32	10.972	7712		19.43	6.4772
33	11.264	129908		327.32	109.1061
34	11.674	1225441		3087.64	1029.2130
35	11.764	1957603		4932.41	1644.1352
36	12.204	220662		555.98	185.3274
37	12.269	425360		1071.74	357.2476
38	12.418	97452		245.54	81.8472
39	12.557	8890		22.40	7.4663
41	12.949	3054963		7697.33	2565.7764
42	13.102	1257456		3168.30	1056.1013
44	13.618	1245123		3115.39	1038.4642
45	13.794	1150647		2879.01	959.6689
46	14.094	3473624		8691.27	2897.0915
47	14.475	35110		70.85	23.6183
48	14.641	112708		227.45	75.8182
49	14.756	131783		265.95	88.6499
50	14.941	254579		513.76	171.2546
51	15.088	4243554		8563.89	2854.6306
	15.180	16076451	AR1248	9751.31	3250.4363
53	15.317	6495903		13109.34	4369.7808
54	15.520	1242715		3485.15	1161.7165
56	15.994	5029276		14104.43	4701.4750
57	16.172	2370118		6646.91	2215.6370
58	16.454	435202		1220.51	406.8361
59	16.658	1614768		4528.56	1509.5196
60	16.978	2369986		6646.54	2215.5134
61	17.158	1833006		5140.60	1713.5331
62	17.337	4111761		11531.29	3843.7625
63	17.674	1508350		4230.11	1410.0377
64	17.821	327965		919.77	306.5888
65	18.012	689222		1932.90	644.2991
66	18.153	143643		402.84	134.2802
67	18.232	160524		450.18	150.0609
68	18.340	577533		1619.67	539.8904
69	18.537	3633737		10190.68	3396.8947
70	18.704	166101		465.82	155.2744
71	18.886	785125		2201.85	733.9514
72	19.092	1109364		3111.17	1037.0576
73	19.339	94884		266.10	88.6993
74	19.470	3862925		10833.43	3611.1446
75	19.732	195427		548.07	182.6898
76	19.873	79239		222.22	74.0744
77	19.980	296091		830.38	276.7921
78	20.088	1654074		4638.79	1546.2637
79	20.367	18163		50.94	16.9788
80	20.486	515364		1445.32	481.7731
81	20.693	205700		576.88	192.2930
82	20.906	20506		57.51	19.1696
83	21.089	435716		1221.95	407.3168
84	21.248	261074		732.17	244.0574
85	21.500	74009		207.56	69.1855
86	21.594	164049		460.07	153.3570
87	21.739	227712		638.61	212.8700
88	21.875	3236		0.19	0.0640
89	21.978	58929		3.50	1.1657
90	22.171	221277		13.13	4.3771
91	22.291	31384		1.86	0.6208

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.472	986723		58.55	19.5182
93	23.010	16536		0.98	0.3271
94	23.172	15761		0.94	0.3118
95	23.311	6755		0.40	0.1336
96	23.478	340990		20.24	6.7451
97	23.546	262999		15.61	5.2023
98	23.635	89323		5.30	1.7669
99	23.810	269132		15.97	5.3237
100	24.360	10655		0.63	0.2108
101	24.561	13165		0.78	0.2604
102	24.675	2332		0.14	0.0461
103	24.893	131085		7.78	2.5930
104	25.094	7343		0.44	0.1453
105	25.189	2101		0.12	0.0416
106	25.327	7944		0.47	0.1571
107	25.683	253765		15.06	5.0197
108	25.919	15998		0.95	0.3165
109	26.298	352374		20.91	6.9703
110	26.774	96380		5.72	1.9065
111	27.373	530651		31.49	10.4967
112	27.717	272849	Decachlorobiphenyl	16.19	5.3972
113	27.855	26008		1.54	0.5145
114	28.395	2220		0.13	0.0439
115	28.520	7738		0.46	0.1531
116	28.973	7504		0.45	0.1484
117	29.230	16608		0.99	0.3285
118	29.365	23825		1.41	0.4713
119	29.836	20694		1.23	0.4093
120	30.131	2408		0.14	0.0476
121	30.581	20206		1.20	0.3997
122	30.987	45652		2.71	0.9030
123	31.375	2456		0.15	0.0486
		93567754		172263.57	57421.1913

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
55	15.815	4136969	AR1248-4	11601.98	3867.3274
40	12.778	3295236	AR1248-1	8302.72	2767.5749
43	13.460	2980703	AR1248-2	7457.95	2485.9827
52	15.180	5663543	AR1248-3	11429.56	3809.8539
		16076451		38792.22	12930.7388

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

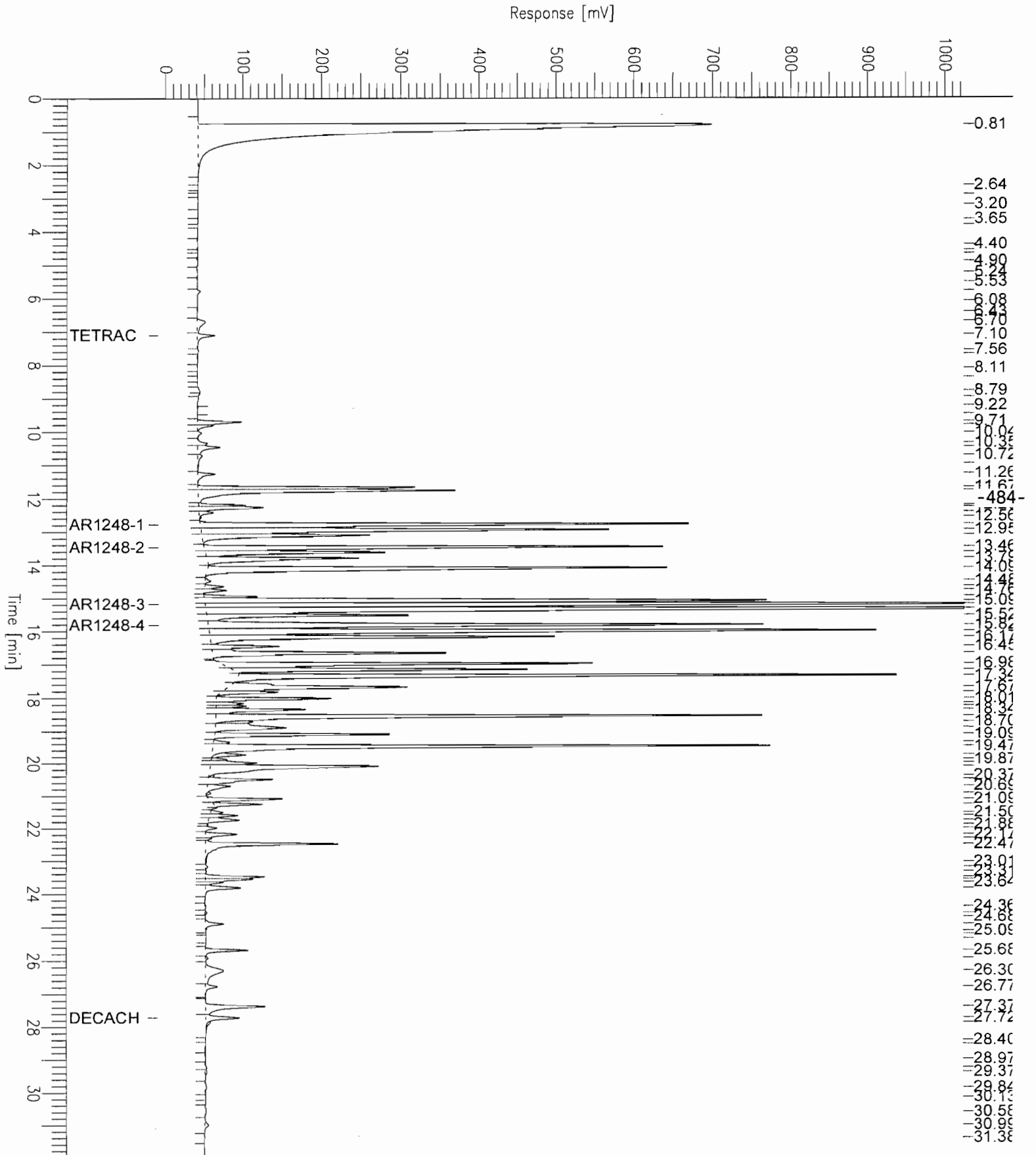
Report stored in ASCII file: C:\DATA65\HC05037.TX0

Chromatogram - ECD#1

Sample Name : u0511380-027a
 FileName : C:\DATA65\Hc05037.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -9 mV

Sample #: 37
 Date : 12/9/05 11:02 AM
 Time of Injection: 12/6/05 03:48 PM
 Low Point : -8.63 mV
 High Point : 1024.00 mV
 Plot Scale: 1032.6 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-027a

Time : 12/9/05 12:48 PM

Sample Number: 38

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/37

Interface Serial # : NONE Data Acquisition Time: 12/6/05 04:24 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05038.RAW

Result File : C:\DATA65\IC05038.RST

Inst Method : PCB2CH from C:\DATA65\IC05038.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

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Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 134

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.334	21237468		875.10	291.7012
2	3.555	64632		2.66	0.8877
3	3.901	16222		0.67	0.2228
4	4.133	7140		0.29	0.0981
5	4.356	11000		0.45	0.1511
6	4.479	8069		0.33	0.1108
7	5.014	20215		0.83	0.2777
8	5.249	46562		1.92	0.6395

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.507	55590		2.29	0.7635
10	5.848	40863		1.68	0.5613
11	5.973	14771		0.61	0.2029
12	6.192	409687	Tetrachloro-m-xylene	16.88	5.6271
13	6.625	21173		0.87	0.2908
14	6.756	12818		0.53	0.1761
15	6.929	20869		0.86	0.2866
16	7.140	33343		1.37	0.4580
17	7.367	19264		0.79	0.2646
18	7.557	11035		0.45	0.1516
19	7.704	15016		0.62	0.2062
20	7.812	11006		0.45	0.1512
21	8.033	7170		0.30	0.0985
22	8.145	5964		0.25	0.0819
23	8.245	4586		0.19	0.0630
24	8.547	48013		38.71	12.9045
25	8.797	17805		14.36	4.7854
26	9.030	45858		36.98	12.3253
27	9.156	1108238		893.58	297.8598
28	9.522	50221		40.49	13.4977
29	9.852	302542		243.94	81.3139
30	9.951	207049		166.94	55.6482
31	10.338	300670		242.43	80.8108
33	11.102	746678		602.05	200.6838
34	11.264	191179		240.24	80.0799
35	11.469	619496		778.47	259.4913
36	11.568	722084		907.39	302.4627
	11.817	22408851	AR1248	5493.70	1831.2319
38	11.957	4951731		6222.47	2074.1551
39	12.067	4005504		5033.41	1677.8047
40	12.578	4865		4.42	1.4727
42	12.833	2681048		2434.79	811.5972
43	13.097	6603543		5997.00	1999.0005
44	13.401	189204		200.88	66.9609
45	13.621	1150884		1221.92	407.3068
46	13.758	4756335		5049.91	1683.3034
48	14.107	9450811		10034.14	3344.7144
49	14.374	1470443		1561.20	520.4010
50	14.584	1133407		1203.36	401.1213
51	14.783	3935581		4178.50	1392.8323
52	14.850	12902568		13698.95	4566.3178
53	15.226	328086		348.34	116.1121
54	15.519	547744		581.55	193.8510
55	15.718	3693306		3921.27	1307.0893
56	15.920	3992782		4239.23	1413.0761
57	16.104	3243571		3443.77	1147.9246
58	16.290	6305887		6695.11	2231.7017
59	16.666	508990		540.41	180.1355
60	16.753	309196		328.28	109.4268
61	16.857	3047779		3235.90	1078.6325
62	16.958	1247052		1324.02	441.3414
63	17.067	5590898		5935.99	1978.6618
64	17.496	952939		1011.76	337.2524
65	17.690	1467986		1558.59	519.5316
66	17.784	363467		385.90	128.6338
67	17.921	26684		28.33	9.4436
68	18.136	1184554		1257.67	419.2229
69	18.213	6340415		6731.76	2243.9214
70	18.493	372176		395.15	131.7160
71	18.657	391935		416.13	138.7088
72	18.866	3270518		3472.38	1157.4613
73	19.040	960454		1019.74	339.9121
74	19.180	1062340		1127.91	375.9703
75	19.357	481461		511.18	170.3928
76	19.508	115380		122.50	40.8338
77	19.696	558761		593.25	197.7497
78	19.886	16221		17.22	5.7407
79	20.038	623565		20.31	6.7699
80	20.148	746987		24.33	8.1099
81	20.312	345623		11.26	3.7523
82	20.380	443033		14.43	4.8099
83	20.474	32808		1.07	0.3562
84	20.555	198528		6.47	2.1554
85	20.631	294374		9.59	3.1960
86	20.779	253409		8.25	2.7512
87	21.010	1733088		56.45	18.8157
88	21.197	132285		4.31	1.4362
89	21.380	104018		3.39	1.1293
90	21.545	22455		0.73	0.2438
91	21.748	26152		0.85	0.2839

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.000	37898		1.23	0.4115
93	22.069	82581		2.69	0.8966
94	22.216	1345019		43.81	14.6026
95	22.344	373411		12.16	4.0540
96	22.410	273002		8.89	2.9639
97	22.573	37086		1.21	0.4026
98	22.771	9277		0.30	0.1007
99	22.876	12131		0.40	0.1317
100	23.045	24967		0.81	0.2711
101	23.175	29417		0.96	0.3194
102	23.340	6025		0.20	0.0654
103	23.586	250280		8.15	2.7172
104	23.845	745		0.02	0.0081
105	23.983	14249		0.46	0.1547
106	24.163	661562		21.55	7.1824
107	24.550	9460		0.31	0.1027
108	24.701	4906		0.16	0.0533
109	24.823	5399		0.18	0.0586
110	25.234	179167		5.84	1.9452
111	25.450	19689		0.64	0.2138
112	25.584	7011		0.23	0.0761
113	25.711	55649		1.81	0.6042
114	25.861	716611		23.34	7.7801
115	26.077	783588	Decachlorobiphenyl	25.52	8.5072
116	26.757	84815		2.76	0.9208
117	27.309	81126		2.64	0.8808
118	27.642	67742		2.21	0.7355
119	27.802	11186		0.36	0.1214
120	28.217	49556		1.61	0.5380
121	28.297	22213		0.72	0.2412
122	28.499	48800		1.59	0.5298
123	28.693	5026		0.16	0.0546
124	28.888	2384		0.08	0.0259
125	29.085	8945		0.29	0.0971
126	29.748	3086		0.10	0.0335
127	29.989	2108		0.07	0.0229
128	30.204	673		0.02	0.0073
129	30.531	6089		0.20	0.0661
130	30.835	11877		0.39	0.1289
131	31.190	9398		0.31	0.1020
132	31.436	5714		0.19	0.0620
133	31.631	12927		0.42	0.1403
134	31.929	7338		0.24	0.0797
		158816109		117030.66	39010.2201

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
47	13.973	5938556	AR1248-4	6305.10	2101.7005
32	10.682	5951620	AR1248-1	4798.83	1599.6099
37	11.817	5246441	AR1248-2	6592.81	2197.6020
41	12.695	5272234	AR1248-3	4787.97	1595.9915
		22408851		22484.71	7494.9038

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

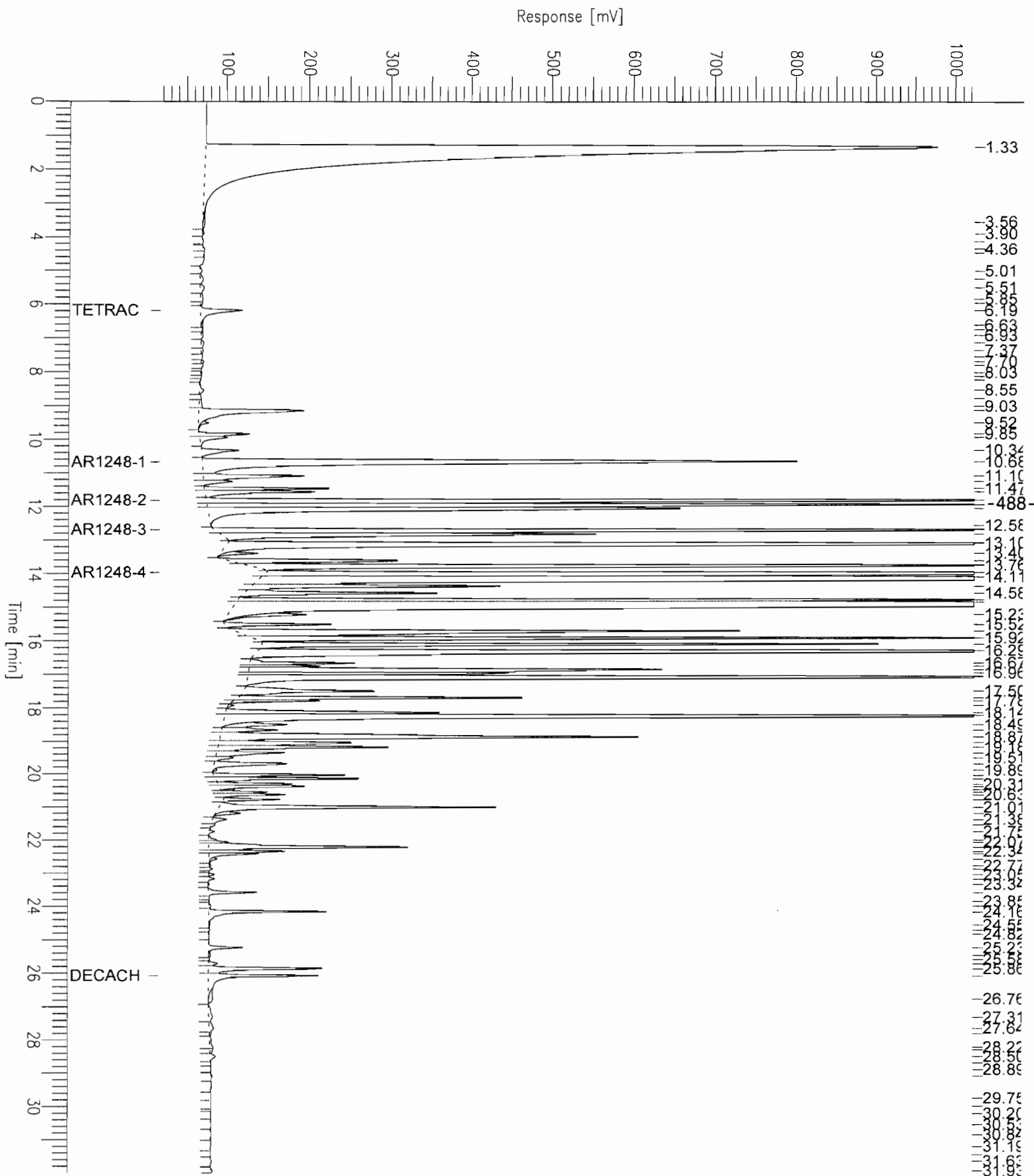
Report stored in ASCII file: C:\DATA65\IC05038.TX0

Chromatogram - ECD#1

Sample Name : u0511380-027a
 FileName : C:\DATA65\Ic05038.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 17 mV

Sample #: 38
 Date : 12/9/05 12:48 PM
 Time of Injection: 12/6/05 04:24 PM
 Low Point : 17.33 mV
 Plot Scale: 1006.7 mV
 High Point : 1024.00 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-027a
Sample Number: 19
Operator : manager

Time : 12/11/05 04:41 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/19

Interface Serial # : NONE Data Acquisition Time: 12/10/05 01:13 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09019.RAW
Result File : C:\DATA65\HC09019.RST
Inst Method : PCB2CH from C:\DATA65\HC09019.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 71

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	1270792		142.78	4759.2386
2	3.230	738		0.08	2.7646
3	4.895	552		0.06	2.0656
4	6.172	594		0.07	2.2243
5	6.692	1783		0.20	6.6772
6	7.096	863	Tetrachloro-m-xylene	0.10	3.2325
7	9.706	5054		0.57	18.9289
8	10.355	1296		3.27	108.8528

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	10.466	1760		4.43	147.8026
10	10.761	565		1.42	47.4636
11	11.266	1069		2.69	89.7858
12	11.676	17424		43.90	1463.3721
13	11.764	22225		56.00	1866.5942
14	12.203	2895		7.29	243.1020
15	12.269	4197		10.57	352.4560
16	12.416	985		2.48	82.7467
17	12.566	1007		2.54	84.5990
19	12.952	51420		129.56	4318.6438
20	13.102	17576		44.29	1476.1885
22	13.619	15875		39.72	1324.0391
23	13.795	13664		34.19	1139.6540
24	14.094	38816		97.12	3237.3897
25	14.643	1265		2.55	85.1260
26	14.757	1921		3.88	129.2290
27	14.941	2874		5.80	193.3071
28	15.087	67259		135.74	4524.5005
	15.195	264600	AR1248	160.50	5349.8489
30	15.336	112398		226.83	7560.9823
32	15.987	70068		196.50	6550.0607
33	16.172	36780		103.15	3438.2591
34	16.454	5610		15.73	524.4281
35	16.659	21992		61.67	2055.8242
36	16.979	26899		75.44	2514.6181
37	17.158	19446		54.53	1817.8097
38	17.339	53663		150.50	5016.5256
39	17.674	19162		53.74	1791.3507
40	17.829	3928		11.02	367.2096
41	18.014	9071		25.44	847.9785
42	18.155	1192		3.34	111.3894
43	18.233	1378		3.87	128.8367
44	18.344	13108		36.76	1225.3676
45	18.542	61953		173.74	5791.4570
46	18.886	11101		31.13	1037.7135
47	19.093	15829		44.39	1479.7061
48	19.335	1660		4.66	155.2101
49	19.474	38042		106.69	3556.2683
50	19.735	1758		4.93	164.3570
51	19.984	2725		7.64	254.7804
52	20.087	16293		45.69	1523.1083
53	20.484	5347		15.00	499.8509
54	20.695	1464		4.11	136.8714
55	21.092	4306		12.08	402.5003
56	21.247	3411		9.57	318.8415
57	21.504	684		1.92	63.9388
58	21.593	1789		5.02	167.1935
59	21.740	2471		6.93	231.0128
60	21.986	591		0.04	1.1690
61	22.204	5064		0.30	10.0163
62	22.471	8977		0.53	17.7577
63	23.481	2881		0.17	5.6994
64	23.547	1920		0.11	3.7972
65	23.809	2326		0.14	4.6007
66	24.894	1155		0.07	2.2845
67	25.684	2456		0.15	4.8589
68	26.428	7258		0.43	14.3564
69	26.774	655		0.04	1.2953
70	27.404	5387		0.32	10.6553
71	27.714	2881	Decachlorobiphenyl	0.17	5.6987
		2414146		2426.26	80875.4723

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	15.815	56124	AR1248-4	157.40	5246.6183
18	12.782	70813	AR1248-1	178.42	5947.4022
21	13.462	43156	AR1248-2	107.98	3599.3609
29	15.195	94506	AR1248-3	190.72	6357.4082
		264600		634.52	21150.7896

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

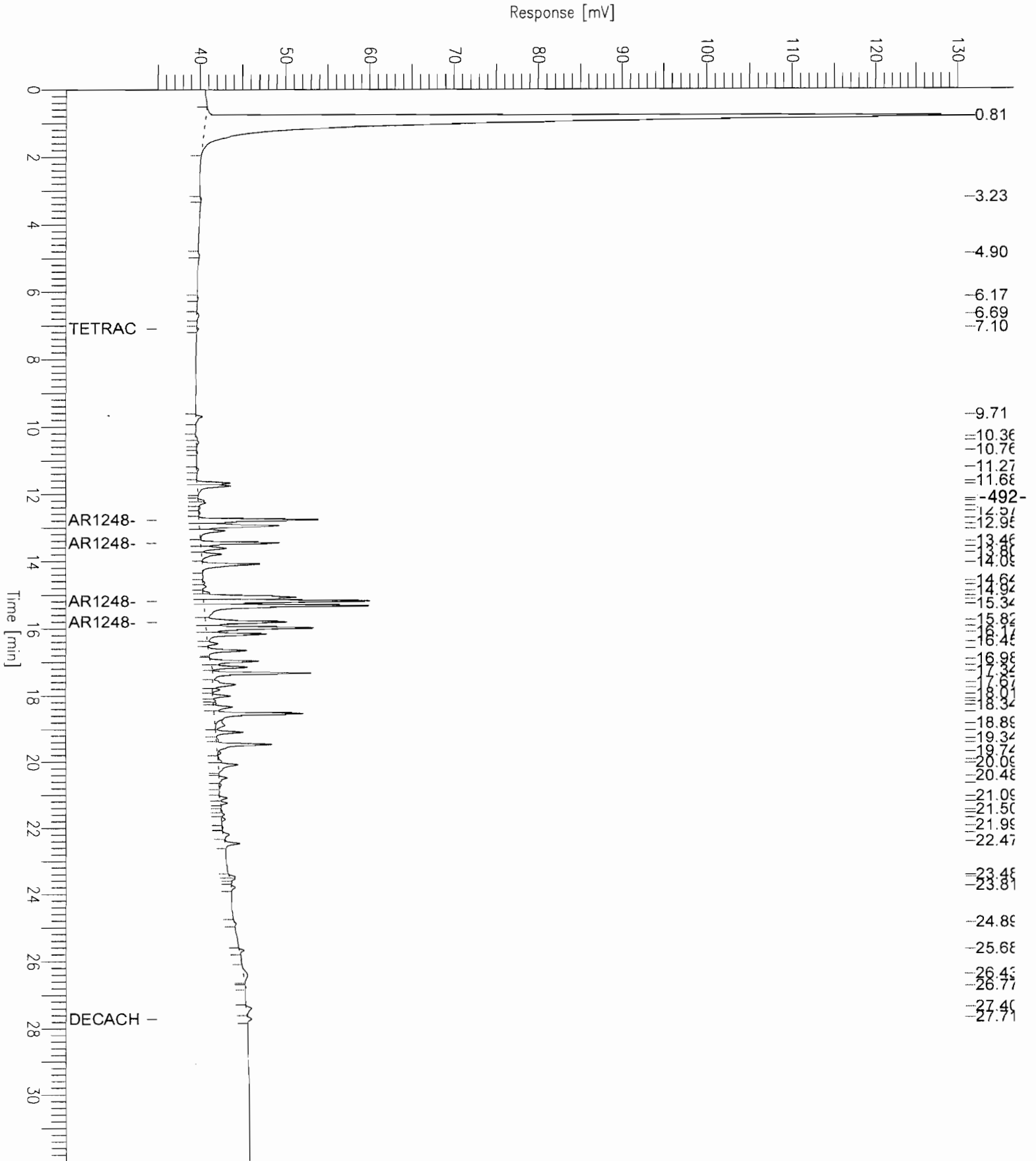
Report stored in ASCII file: C:\DATA65\HC09019.TX0

Chromatogram - ECD#1

Sample Name : u0511380-027a
FileName : C:\DATA65\Hc09019.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 35 mV

Sample #: 19
Date : 12/11/05 04:41 PM
Time of Injection: 12/10/05 01:13 AM
Low Point : 34.85 mV
Plot Scale: 96.0 mV
Page 1 of 1
High Point : 130.81 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-027a
Sample Number: 20
Operator : manager

Time : 12/22/05 03:18 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/19

Interface Serial # : NONE Data Acquisition Time: 12/10/05 01:50 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09020.RAW
Result File : C:\DATA65\IC09020.RST
Inst Method : PCB2CH from C:\DATA65\IC09020.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 100.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 71

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.448	185		0.01	0.2537
2	1.330	2386547		98.34	3277.9735
3	3.113	315		0.01	0.4331
4	3.753	1055		0.04	1.4490
5	3.932	2366		0.10	3.2495
6	6.192	4197	Tetrachloro-m-xylene	0.17	5.7646
7	6.800	1312		0.05	1.8025
8	8.538	417		0.34	11.1995

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.159	10909		8.80	293.1921
10	9.666	457		0.37	12.2749
11	9.851	4140		3.34	111.2708
12	9.958	2990		2.41	80.3737
13	10.344	3745		3.02	100.6555
15	11.098	15845		12.78	425.8694
16	11.259	3455		4.34	144.7371
17	11.472	5647		7.10	236.5357
18	11.566	11032		13.86	462.0935
20	11.961	109802		137.98	4599.3485
21	12.066	78397		98.52	3283.8344
23	12.833	41174		37.39	1246.4168
24	13.116	114934		104.38	3479.2271
25	13.607	13435		14.26	475.4761
26	13.776	77320		82.09	2736.4269
	14.002	459812	AR1248	112.73	3757.5461
28	14.138	273085		289.94	9664.6870
29	14.369	48710		51.72	1723.8985
30	14.583	18928		20.10	669.8870
31	14.783	78733		83.59	2786.4188
32	14.902	72975		77.48	2582.6310
33	14.968	135297		143.65	4788.2789
34	15.505	5070		5.38	179.4248
35	15.721	54346		57.70	1923.3521
36	15.922	55743		59.18	1972.7825
37	16.105	38630		41.01	1367.1580
38	16.311	128687		136.63	4554.3422
39	16.663	5309		5.64	187.8883
40	16.755	1253		1.33	44.3448
41	16.864	30132		31.99	1066.3864
42	16.960	30515		32.40	1079.9433
43	17.090	103320		109.70	3656.5767
44	17.492	15602		16.57	552.1776
45	17.692	30829		32.73	1091.0590
46	18.135	10659		11.32	377.2235
47	18.241	61686		65.49	2183.0992
48	18.659	1225		1.30	43.3457
49	18.870	38336		40.70	1356.7333
50	19.064	9530		10.12	337.2817
51	19.176	15875		16.86	561.8435
52	19.355	5397		5.73	191.0126
53	19.705	6258		6.64	221.4848
54	20.042	5194		0.17	5.6395
55	20.146	11811		0.38	12.8227
56	20.381	9358		0.30	10.1595
57	20.556	2913		0.09	3.1623
58	20.646	2344		0.08	2.5452
59	20.787	3610		0.12	3.9198
60	21.015	20198		0.66	21.9281
61	21.373	543		0.02	0.5896
62	21.473	3712		0.12	4.0295
63	22.214	10544		0.34	11.4476
64	22.344	1397		0.05	1.5167
65	23.171	287		0.01	0.3114
66	23.590	2775		0.09	3.0126
67	24.170	6290		0.20	6.8288
68	25.103	11436		0.37	12.4162
69	25.752	438		0.01	0.4752
70	26.074	9367	Decachlorobiphenyl	0.31	10.1694
71	28.757	15468		0.50	16.7938
4743305				2101.15	70038.4330

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
27	14.002	148403	AR1248-4	157.56	5252.0802
14	10.684	81816	AR1248-1	65.97	2198.9709
19	11.828	125837	AR1248-2	158.13	5271.0027
22	12.710	103756	AR1248-3	94.23	3140.8660
459812				475.89	15862.9199

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

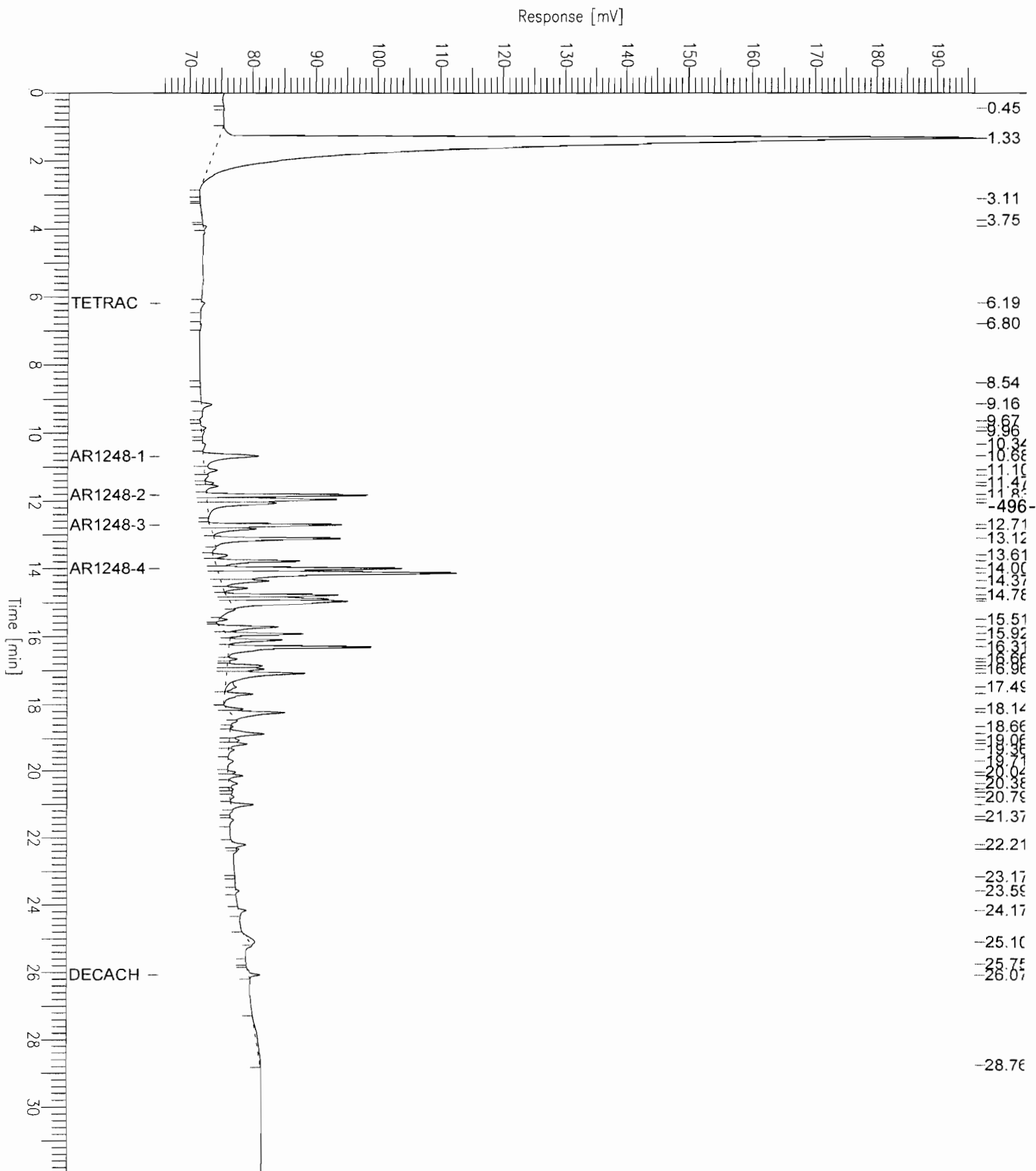
Report stored in ASCII file: C:\DATA65\IC09020.TX0

Chromatogram - ECD#1

Sample Name : u0511380-027a
 FileName : C:\DATA65\Ic09020.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 65 mV

Sample #: 20
 Date : 12/22/05 03:18 PM
 Time of Injection: 12/10/05 01:50 AM
 Low Point : 65.31 mV
 Plot Scale: 131.1 mV
 High Point : 196.38 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-128

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-028A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 10.8

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/6/05

Injection Vol.: 2 (uL)

Time Analyzed:

4:24 PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		37	U
11104-28-2	Aroclor 1221		37	U
11141-16-5	Aroclor 1232		37	U
53469-21-9	Aroclor 1242		37	U
12672-29-6	Aroclor 1248		37	U
11097-69-1	Aroclor 1254		48	
11096-82-5	Aroclor 1260		37	U

-497-

Upstate Laboratories, Inc.**Date:** 21-Dec-05**CLIENT:** NYSDEC-Region 8**Client Sample ID:** SS-128**Lab Order:** U0511380**Collection Date:** 11/22/2005 1:00:00 PM**Project:** Luster-Coate Metallizing Site 828113**Lab ID:** U0511380-028**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	10.8	0.00100		wt%	1	12/8/2005

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Approved By: _____**Date:** _____

Page 28 of 30

Qualifiers:

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>

Sample Name : u0511380-028a

Time : 12/9/05 11:02 AM

Sample Number: 38

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/38

Interface Serial # : NONE Data Acquisition Time: 12/6/05 04:24 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05038.RAW

Result File : C:\DATA65\HC05038.RST

Inst Method : PCB2CH from C:\DATA65\HC05038.RST

Proc Method : C:\DATA65\H1254228.mth

Calib Method : C:\DATA65\H1254228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-499-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 101

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.824	515951		57.97	19.3229
2	1.405	10586		1.19	0.3965
3	1.805	13273		1.49	0.4971
4	2.384	9412		1.06	0.3525
5	2.490	5782		0.65	0.2166
6	3.174	4144		0.47	0.1552
7	3.648	1893		0.21	0.0709
8	3.971	4000		0.45	0.1498

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.550	249		0.03	0.0093
10	4.874	642		0.07	0.0240
11	5.575	2665		0.30	0.0998
12	5.770	2127		0.24	0.0796
13	5.870	1497		0.17	0.0561
14	6.189	794		0.09	0.0297
15	6.763	2389		0.27	0.0895
16	7.099	41317	Tetrachloro-m-xylene	4.64	1.5474
17	7.387	3536		0.40	0.1324
18	7.559	16931		1.90	0.6341
19	8.017	486		0.05	0.0182
20	8.376	526		0.06	0.0197
21	8.550	574		0.06	0.0215
22	8.640	683		0.08	0.0256
23	8.782	16697		1.88	0.6253
24	9.270	358		0.04	0.0134
25	9.707	1827		0.21	0.0684
26	9.960	10147		1.14	0.3800
27	10.350	1326		0.15	0.0497
28	10.465	1582		0.18	0.0593
29	10.759	8935		1.00	0.3346
30	11.259	533		1.01	0.3374
31	11.594	4879		9.27	3.0898
32	11.678	8974		17.05	5.6828
33	11.763	13413		25.48	8.4933
34	12.202	5414		10.28	3.4282
35	12.420	1093		2.08	0.6919
36	12.550	10448		19.85	6.6163
37	12.781	48935		92.96	30.9875
38	12.951	29317		55.69	18.5645
39	13.100	11033		20.96	6.9867
40	13.461	33058		62.80	20.9334
41	13.617	11237		21.35	7.1159
42	13.796	11370		21.60	7.1996
43	14.094	27612		52.45	17.4848
44	14.407	738		1.40	0.4674
45	14.759	2420		4.60	1.5324
47	15.193	51661		98.14	32.7136
48	15.333	53576		101.78	33.9266
49	15.521	97174		138.63	46.2103
50	15.804	58415		83.34	27.7789
52	16.171	42242		60.26	20.0877
53	16.456	5811		8.29	2.7636
54	16.658	29073		41.48	13.8254
55	16.979	58360		78.40	26.1329
56	17.158	23576		31.67	10.5571
	17.339	345043	AR1254	125.63	41.8782
58	17.668	31878		42.82	14.2746
59	17.827	6948		9.33	3.1113
60	18.015	43132		57.94	19.3139
61	18.150	4571		6.14	2.0468
62	18.340	7351		9.49	3.1633
63	18.540	98995		127.79	42.5976
64	18.847	13633		17.60	5.8664
66	19.477	60500		78.10	26.0329
67	19.728	5205		6.72	2.2398
68	19.926	9392		12.12	4.0413
69	20.088	75298		97.20	32.4006
70	20.233	12239		15.80	5.2665
71	20.485	7813		10.09	3.3617
72	20.693	4105		5.30	1.7665
73	21.091	17568		22.68	7.5596
74	21.248	7833		10.11	3.3705
75	21.363	3872		5.00	1.6660
76	21.594	3430		4.43	1.4760
77	21.750	4326		5.58	1.8613
78	21.983	280		0.36	0.1204
79	22.174	17047		22.01	7.3351
80	22.295	6237		8.05	2.6837
81	22.470	28717		37.07	12.3570
82	23.185	32803		42.35	14.1153
83	23.475	12547		0.74	0.2482
84	23.637	1398		0.08	0.0277
85	23.805	1856		0.11	0.0367
86	24.363	188381		11.18	3.7263
87	25.352	93500		5.55	1.8495
88	25.679	18170		1.08	0.3594
89	25.923	23815		1.41	0.4711
90	26.294	1041017		61.78	20.5922
91	27.382	6575		0.39	0.1301

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	27.508	5206		0.31	0.1030
93	27.715	92224	Decachlorobiphenyl	5.47	1.8243
94	28.158	3774		0.22	0.0747
95	28.773	5779		0.34	0.1143
96	29.003	868		0.05	0.0172
97	29.484	2247		0.13	0.0444
98	29.783	2014		0.12	0.0398
99	30.174	4275		0.25	0.0846
100	30.632	10268		0.61	0.2031
101	31.385	8434		0.50	0.1668
		3691256		2007.32	669.1068

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
65	19.093	68715	AR1254-4	88.70	29.5678
46	15.044	80505	AR1254-1	152.94	50.9787
51	15.981	96650	AR1254-2	137.88	45.9611
57	17.339	99174	AR1254-3	133.23	44.4088
		345043		512.75	170.9164

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\HC05038.TX0

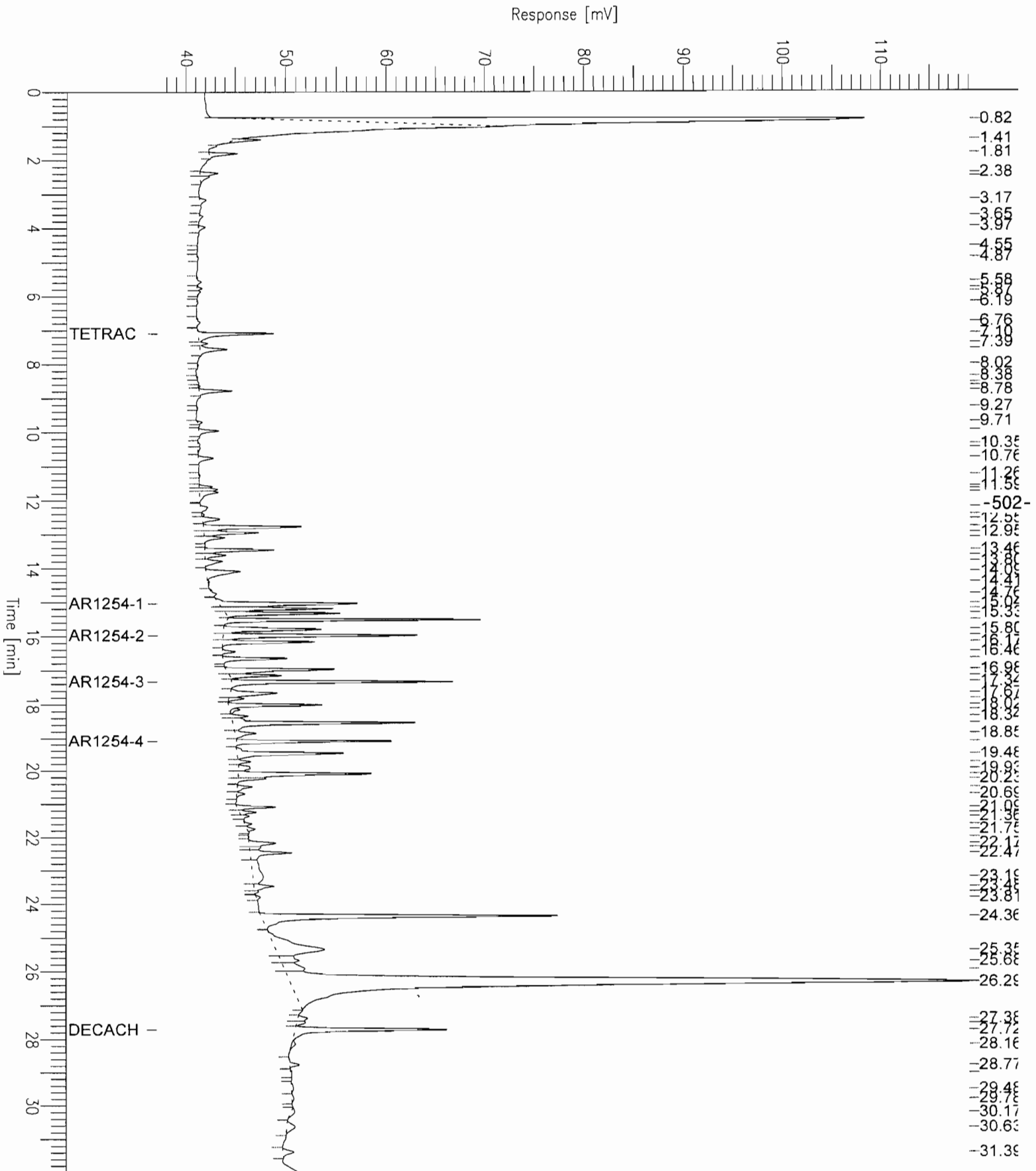
-501-

Chromatogram - ECD#1

Sample Name : u0511380-028a
FileName : C:\DATA65\Hc05038.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 37 mV

Sample #: 38
Date : 12/9/05 11:02 AM
Time of Injection: 12/6/05 04:24 PM
Low Point : 37.10 mV
Plot Scale: 82.0 mV
High Point : 119.10 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-028a
Sample Number: 39
Operator : manager

Time : 12/9/05 12:48 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/38

Interface Serial # : NONE Data Acquisition Time: 12/6/05 05:00 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05039.RAW
Result File : C:\DATA65\IC05039.RST
Inst Method : PCB2CH from C:\DATA65\IC05039.RST
Proc Method : C:\DATA65\I1254228.mth
Calib Method : C:\DATA65\I1254228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-503-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 126

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.341	124748		5.14	1.7134
2	1.792	126604		5.22	1.7389
3	2.517	381048		15.70	5.2338
4	2.747	195610		8.06	2.6867
5	3.013	219138		9.03	3.0099
6	3.163	110725		4.56	1.5208
7	3.430	163330		6.73	2.2434
8	3.430	163490		6.74	2.2456

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.833	43475		1.79	0.5971
10	4.023	16331		0.67	0.2243
11	4.473	659		0.03	0.0090
12	5.018	3848		0.16	0.0529
13	5.162	3230		0.13	0.0444
14	5.334	493		0.02	0.0068
15	5.486	1735		0.07	0.0238
16	5.689	168		0.01	0.0023
17	5.853	320		0.01	0.0044
18	5.958	935		0.04	0.0128
19	6.193	95339	Tetrachloro-m-xylene	3.93	1.3095
20	6.692	2463		0.10	0.0338
21	7.139	30884		1.27	0.4242
22	7.352	30897		1.27	0.4244
23	7.551	3965		0.16	0.0545
24	7.713	40306		1.66	0.5536
25	8.041	14282		0.59	0.1962
26	8.166	6876		0.28	0.0944
27	8.397	9484		0.39	0.1303
28	8.659	740		0.03	0.0102
29	9.006	3063		0.13	0.0421
30	9.208	16902		26.63	8.8780
31	9.402	40787		64.27	21.4231
32	9.755	5381		8.48	2.8261
33	9.913	4987		7.86	2.6195
34	10.337	2993		4.72	1.5722
35	10.443	3101		4.89	1.6286
36	10.687	39794		62.70	20.9015
37	11.016	60483		95.30	31.7683
38	11.261	3963		6.24	2.0814
39	11.359	22460		35.39	11.7971
40	11.463	8079		12.73	4.2434
41	11.569	19765		31.14	10.3813
43	11.964	72758		114.65	38.2159
44	12.069	65209		102.75	34.2506
45	12.390	7030		11.08	3.6926
46	12.713	107795		169.86	56.6187
47	12.834	40647		64.05	21.3495
48	13.117	82419		62.37	20.7902
49	13.404	6753		5.11	1.7034
50	13.605	25109		19.00	6.3338
51	13.777	62862		47.57	15.8571
52	14.003	108353		82.00	27.3323
54	14.229	179225		135.63	45.2098
55	14.375	54386		41.16	13.7190
56	14.588	48142		32.28	10.7584
58	14.895	40585		27.21	9.0696
59	14.976	204987		137.43	45.8092
60	15.220	5449		3.65	1.2178
61	15.523	12203		8.18	2.7271
62	15.724	79299		49.96	16.6536
63	15.925	121601		76.61	25.5376
64	16.110	69797		43.97	14.6581
	16.314	703152	AR1254	139.66	46.5521
66	16.586	10863		6.84	2.2813
67	16.660	15719		9.90	3.3011
68	16.761	5680		3.58	1.1928
69	16.863	31305		19.72	6.5744
70	16.968	98249		61.90	20.6334
71	17.090	159784		100.67	33.5563
72	17.486	25377		15.99	5.3295
73	17.565	3730		2.35	0.7833
74	17.696	111483		70.24	23.4127
75	18.126	769856		485.03	161.6782
76	18.232	282957		178.27	59.4240
77	18.653	5842		3.68	1.2269
78	18.874	165761		104.43	34.8116
79	19.047	4286		2.70	0.9000
80	19.185	22660		14.28	4.7589
81	19.353	4213		2.65	0.8848
82	19.705	19436		12.25	4.0819
83	20.043	34680		21.85	7.2832
84	20.147	26886		16.94	5.6463
85	20.381	15562		9.80	3.2681
86	20.482	2727		1.72	0.5727
87	20.558	6913		4.36	1.4519
88	20.637	21221		13.37	4.4567
89	20.767	9490		5.98	1.9930
90	21.014	53159		33.49	11.1641
91	21.374	1020		0.03	0.0111

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.468	9887		0.32	0.1073
93	21.717	148		0.00	0.0016
94	21.853	753		0.02	0.0082
95	21.987	419		0.01	0.0045
96	22.224	30295		0.99	0.3289
97	22.346	7604		0.25	0.0826
98	22.412	6176		0.20	0.0670
99	22.714	186714		6.08	2.0271
100	22.985	20852		0.68	0.2264
101	23.296	38268		1.25	0.4155
102	23.594	8448		0.28	0.0917
103	23.768	4765		0.16	0.0517
104	24.166	20987		0.68	0.2279
105	24.268	15976		0.52	0.1734
106	24.695	21504		0.70	0.2335
107	25.228	31176		1.02	0.3385
108	25.463	38755		1.26	0.4208
109	25.901	25343		0.83	0.2751
110	26.080	247831	Decachlorobiphenyl	8.07	2.6906
111	26.679	28515		0.93	0.3096
112	26.787	13116		0.43	0.1424
113	27.089	6641		0.22	0.0721
114	27.342	3495		0.11	0.0379
115	27.619	4904		0.16	0.0532
116	27.816	2039		0.07	0.0221
117	28.029	15710		0.51	0.1706
118	28.427	4220		0.14	0.0458
119	28.667	2889		0.09	0.0314
120	28.913	1685		0.05	0.0183
121	29.086	24450		0.80	0.2654
122	29.328	4609		0.15	0.0500
123	30.486	41652		1.36	0.4522
124	30.763	69028		2.25	0.7494
125	31.505	1458		0.05	0.0158
126	31.790	1073		0.03	0.0116
		6970884		3041.16	1013.7190

-505-

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
65	16.314	180564	AR1254-4	113.76	37.9205
42	11.832	104004	AR1254-1	163.88	54.6275
53	14.131	224423	AR1254-2	169.83	56.6110
57	14.787	194162	AR1254-3	130.17	43.3901
		703152		577.65	192.5491

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\IC05039.TX0

Chromatogram - ECD#1

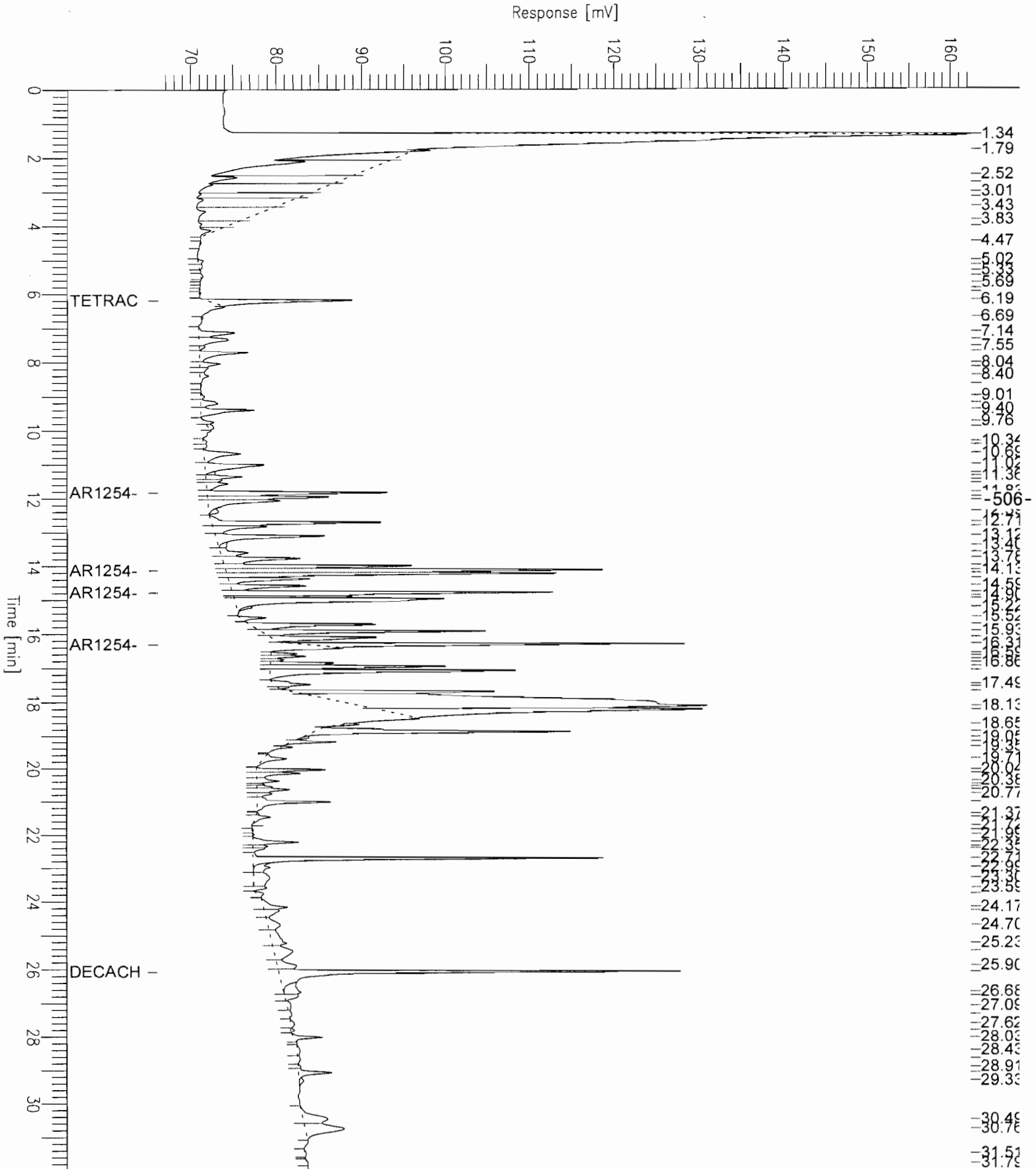
Sample Name : u0511380-028a
FileName : C:\DATA65\Ic05039.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 66 mV

Sample #: 39
Date : 12/9/05 12:48 PM
Time of Injection: 12/6/05 05:00 PM
Low Point : 66.14 mV
Plot Scale: 96.3 mV

Page 1 of 1

High Point : 162.47 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-129

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-029A

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 17.63 Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/10/05

Injection Vol.: 2 (uL)

Time Analyzed:

1:50AM

GPC Cleanup: No pH:

Dilution Factor:

100

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	4000	U
11104-28-2	Aroclor 1221	4000	U
11141-16-5	Aroclor 1232	4000	U
53469-21-9	Aroclor 1242	4000	U
12672-29-6	Aroclor 1248	5564	
11097-69-1	Aroclor 1254	4000	U
11096-82-5	Aroclor 1260	4000	U

-507-

Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-129
Lab Order: U0511380 **Collection Date:** 11/22/2005 1:05:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-029 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE			D2216			Analyst: CC
Percent Moisture	17.6	0.00100		wt%	1	12/8/2005

-508-

Approved By: _____ **Date:** _____ Page 29 of 30

- | | | |
|--------------------|---|--|
| Qualifiers: | * Low Level | ** Value exceeds Maximum Contaminant Value |
| | B Analyte detected in the associated Method Blank | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | S Spike Recovery outside accepted recovery limits |

Software Version: 4.1<2F12>
Sample Name : u0511380-029a
Sample Number: 39
Operator : manager

Time : 12/9/05 11:02 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/39

Interface Serial # : NONE Data Acquisition Time: 12/6/05 05:00 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05039.RAW
Result File : C:\DATA65\HC05039.RST
Inst Method : PCB2CH from C:\DATA65\HC05039.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-509-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 119

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.823	2228337		250.36	83.4534
2	1.718	10435		1.17	0.3908
3	1.945	14351		1.61	0.5375
4	2.575	539		0.06	0.0202
5	3.206	1969		0.22	0.0737
6	3.648	1235		0.14	0.0463
7	3.975	946		0.11	0.0354
8	4.403	3644		0.41	0.1365

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.575	3512		0.39	0.1315
10	4.877	559		0.06	0.0209
11	5.098	805		0.09	0.0301
12	5.225	906		0.10	0.0339
13	5.339	342		0.04	0.0128
14	5.505	2454		0.28	0.0919
15	5.574	5149		0.58	0.1928
16	6.169	499		0.06	0.0187
17	6.676	6011		0.68	0.2251
18	7.099	107603	Tetrachloro-m-xylene	12.09	4.0298
19	7.559	9570		1.08	0.3584
20	7.690	14735		1.66	0.5518
21	8.076	3341		0.38	0.1251
22	8.374	3433		0.39	0.1286
23	8.782	137239		15.42	5.1397
24	9.705	445676		50.07	16.6910
25	9.802	218665		24.57	8.1892
26	10.040	34056		85.81	28.6025
27	10.350	132260		333.24	111.0813
28	10.469	216391		545.22	181.7403
29	10.769	24186		60.94	20.3133
30	10.977	1455		3.67	1.2224
31	11.266	205137		516.87	172.2889
32	11.675	1674381		4218.80	1406.2653
33	11.765	3356604		8457.35	2819.1163
34	12.269	1312529		3307.07	1102.3563
35	12.419	241862		609.40	203.1331
37	12.949	3509306		8842.10	2947.3663
38	13.103	1623398		4090.34	1363.4457
40	13.618	1745203		4366.63	1455.5443
41	13.797	1791695		4482.96	1494.3200
42	14.096	3965534		9922.07	3307.3569
43	14.477	35556		71.75	23.9182
44	14.643	142644		287.87	95.9565
45	14.756	138100		278.70	92.8998
46	14.942	288633		582.49	194.1629
47	15.087	4273108		8623.53	2874.5115
49	15.185	17091628	AR1248	10367.07	3455.6911
51	15.322	6485074		13087.49	4362.4963
52	15.996	4849191		13599.38	4533.1271
53	16.171	2005023		5623.02	1874.3387
54	16.456	434350		1218.12	406.0393
55	16.659	1549396		4345.23	1448.4085
56	16.979	2275580		6381.78	2127.2612
57	17.158	1759668		4934.92	1644.9749
58	17.339	3792659		10636.38	3545.4587
59	17.674	1342585		3765.23	1255.0768
60	17.824	337271		945.87	315.2885
61	18.014	494119		1385.74	461.9131
62	18.154	108795		305.11	101.7035
63	18.229	67522		189.36	63.1210
64	18.340	312579		876.62	292.2057
65	18.538	2616746		7338.57	2446.1901
66	18.885	389537		1092.44	364.1476
67	19.093	926462		2598.23	866.0763
68	19.471	2729663		7655.24	2551.7470
69	19.729	157798		442.54	147.5128
70	19.873	97720		274.05	91.3512
71	19.974	144202		404.41	134.8034
72	20.088	1380891		3872.66	1290.8861
73	20.484	105440		295.70	98.5675
74	20.564	25483		71.47	23.8219
75	20.694	67087		188.14	62.7141
76	20.902	15201		42.63	14.2102
77	21.089	337271		945.86	315.2877
78	21.246	108190		303.42	101.1386
79	21.362	52807		148.09	49.3648
80	21.497	31257		87.66	29.2201
81	21.591	51772		145.19	48.3980
82	21.740	91421		256.39	85.4621
83	21.978	10954		0.65	0.2167
84	22.167	145678		8.64	2.8816
85	22.292	26068		1.55	0.5157
86	22.471	217913		12.93	4.3105
87	22.910	1228		0.07	0.0243
88	23.030	1353		0.08	0.0268
89	23.255	13619		0.81	0.2694
90	23.478	165446		9.82	3.2727
91	23.634	21778		1.29	0.4308
92	23.806	60460		3.59	1.1960

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	24.210	1166		0.07	0.0231
93	24.409	39030		2.32	0.7720
94	24.552	15333		0.91	0.3033
95	24.671	3693		0.22	0.0731
96	24.932	64639		3.84	1.2786
97	25.179	40268		2.39	0.7965
98	25.309	4603		0.27	0.0911
99	25.592	21176		1.26	0.4189
100	25.680	53440		3.17	1.0571
101	25.920	3196		0.19	0.0632
102	26.005	1484		0.09	0.0294
103	26.129	2314		0.14	0.0458
104	26.296	11851		0.70	0.2344
105	26.386	13169		0.78	0.2605
106	26.516	15378		0.91	0.3042
107	26.773	38855		2.31	0.7686
108	26.968	707		0.04	0.0140
109	27.131	93064		5.52	1.8409
110	27.522	443197		26.30	8.7668
111	27.714	240494	Decachlorobiphenyl	14.27	4.7572
112	27.907	23108		1.37	0.4571
113	28.155	98120		5.82	1.9409
114	28.713	7687		0.46	0.1521
115	29.213	2607		0.15	0.0516
116	29.797	8700		0.52	0.1721
117	30.550	1476		0.09	0.0292
118	30.909	11540		0.68	0.2283
119	31.389	527159		31.28	10.4277
		82620334		164018.32	54672.7729

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng	-511-
50	15.815	4295745	AR1248-4	12047.26	4015.7541	
36	12.779	3581263	AR1248-1	9023.40	3007.8015	
39	13.461	3772425	AR1248-2	9438.90	3146.2989	
48	15.185	5442195	AR1248-3	10982.86	3660.9537	
		17091628		41492.42	13830.8083	

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

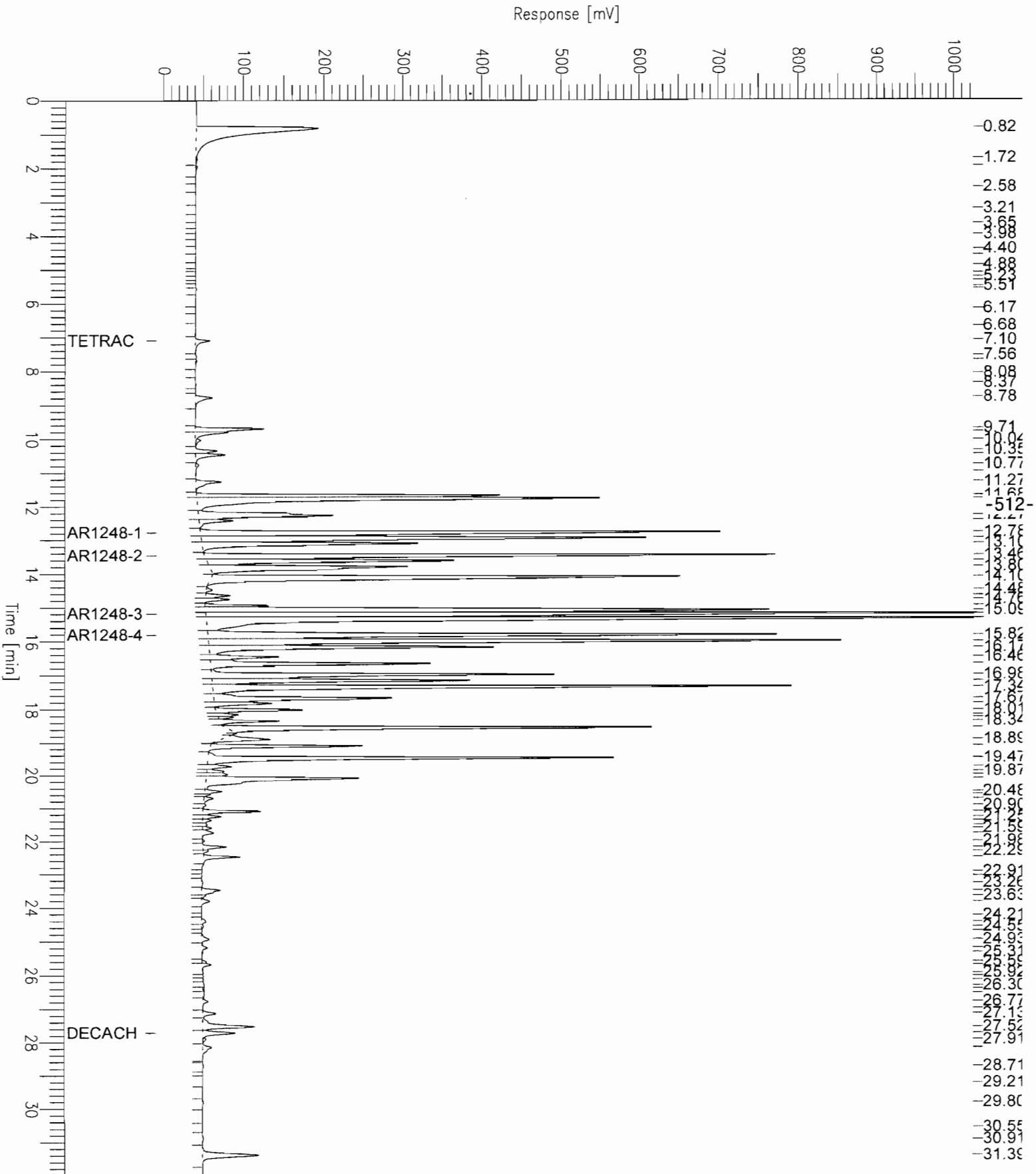
Report stored in ASCII file: C:\DATA65\HC05039.TX0

Chromatogram - ECD#1

Sample Name : u0511380-029a
 FileName : C:\DATA65\Hc05039.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -9 mV

Sample #: 39
 Date : 12/9/05 11:02 AM
 Time of Injection: 12/6/05 05:00 PM
 Low Point : -8.99 mV
 Plot Scale: 1033.0 mV
 High Point : 1024.00 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-029a

Time : 12/9/05 12:48 PM

Sample Number: 40

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/39

Interface Serial # : NONE Data Acquisition Time: 12/6/05 05:36 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05040.RAW

Result File : C:\DATA65\IC05040.RST

Inst Method : PCB2CH from C:\DATA65\IC05040.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-513-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 126

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.589	1469		0.06	0.0202
2	1.344	4238209		174.64	58.2127
3	2.008	17581		0.72	0.2415
4	2.179	34299		1.41	0.4711
5	3.060	1121		0.05	0.0154
6	3.201	567		0.02	0.0078
7	3.566	3148		0.13	0.0432
8	3.935	2331		0.10	0.0320

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.118	2133		0.09	0.0293
10	4.192	2223		0.09	0.0305
11	4.457	18166		0.75	0.2495
12	4.738	4243		0.17	0.0583
13	4.913	838		0.03	0.0115
14	5.014	8825		0.36	0.1212
15	5.159	20840		0.86	0.2862
16	5.844	1397		0.06	0.0192
17	6.193	283943	Tetrachloro-m-xylene	11.70	3.9000
18	7.135	12591		0.52	0.1729
19	7.351	25037		1.03	0.3439
20	7.714	189350		7.80	2.6008
21	8.043	124196		5.12	1.7059
22	8.551	30115		24.28	8.0939
23	8.920	3701		2.98	0.9947
24	9.160	1368657		1103.56	367.8523
25	9.531	57672		46.50	15.5003
26	9.854	298581		240.75	80.2492
27	9.955	444311		358.25	119.4169
28	10.343	386232		311.42	103.8072
30	11.106	1168128		941.87	313.9563
31	11.266	369528		464.36	154.7861
32	11.475	976273		1226.81	408.9363
33	11.569	1500249		1885.25	628.4165
	11.818	24118589	AR1248	5912.85	1970.9503
35	11.962	5008014		6293.19	2097.7306
36	12.072	5117108		6430.28	2143.4273
38	12.836	3028332		2750.18	916.7256
39	13.107	7118330		6464.50	2154.8350
40	13.402	171909		182.52	60.8398
41	13.612	1537888		1632.81	544.2704
42	13.775	4286999		4551.61	1517.2018
44	14.110	8044599		8541.14	2847.0455
45	14.375	1499152		1591.68	530.5615
46	14.588	830117		881.35	293.7848
47	14.786	2965048		3148.06	1049.3533
48	14.867	12538785		13312.72	4437.5721
49	15.226	219300		232.84	77.6118
50	15.522	433261		460.00	153.3343
51	15.723	2815033		2988.79	996.2617
52	15.925	3194001		3391.14	1130.3816
53	16.110	2165935		2299.62	766.5412
54	16.303	5597018		5942.48	1980.8277
55	16.667	198767		211.04	70.3452
56	16.761	139485		148.09	49.3649
57	16.863	1906482		2024.16	674.7186
58	16.963	1126965		1196.52	398.8415
59	17.088	4450164		4724.84	1574.9472
60	17.405	124498		132.18	44.0608
61	17.502	599453		636.45	212.1509
62	17.696	1209904		1284.58	428.1944
63	17.916	27754		29.47	9.8224
64	18.138	790808		839.62	279.8730
65	18.239	4743914		5036.72	1678.9077
66	18.499	325036		345.10	115.0329
67	18.665	310606		329.78	109.9259
68	18.874	2453884		2605.35	868.4485
69	19.047	342751		363.91	121.3022
70	19.191	479898		509.52	169.8398
71	19.360	193627		205.58	68.5260
72	19.502	35792		38.00	12.6670
73	19.711	196561		208.69	69.5645
74	20.045	509343		540.78	180.2604
75	20.149	246999		8.04	2.6816
76	20.383	267875		8.72	2.9083
77	20.561	71630		2.33	0.7777
78	20.639	245501		8.00	2.6653
79	20.780	102328		3.33	1.1110
80	21.014	595699		19.40	6.4674
81	21.213	61810		2.01	0.6711
82	21.373	29711		0.97	0.3226
83	21.748	2766		0.09	0.0300
84	21.917	1713		0.06	0.0186
85	22.223	398212		12.97	4.3233
86	22.346	90777		2.96	0.9855
87	22.412	57913		1.89	0.6287
88	22.543	35248		1.15	0.3827
89	22.779	12319		0.40	0.1337
90	22.875	3058		0.10	0.0332
91	23.064	14491		0.47	0.1573

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.177	21874		0.71	0.2375
93	23.271	26163		0.85	0.2840
94	23.352	69688		2.27	0.7566
95	23.589	58628		1.91	0.6365
96	23.818	49620		1.62	0.5387
97	23.872	84737		2.76	0.9200
98	24.169	218232		7.11	2.3693
99	24.281	167310		5.45	1.8165
100	25.113	62735		2.04	0.6811
101	25.236	94257		3.07	1.0233
102	25.404	34005		1.11	0.3692
103	25.519	16220		0.53	0.1761
104	25.674	36343		1.18	0.3946
105	25.835	326125		10.62	3.5407
106	26.082	453385		14.77	4.9223
107	26.183	1001524	Decachlorobiphenyl	32.62	10.8733
108	26.504	84697		2.76	0.9195
109	26.697	205030		6.68	2.2260
110	26.838	129191		4.21	1.4026
111	27.054	52875		1.72	0.5741
112	27.320	56678		1.85	0.6153
113	27.593	70713		2.30	0.7677
114	27.791	24706		0.80	0.2682
115	28.014	35886		1.17	0.3896
116	28.144	28114		0.92	0.3052
117	28.307	24961		0.81	0.2710
118	28.418	9020		0.29	0.0979
119	28.572	4787		0.16	0.0520
120	28.916	20637		0.67	0.2241
121	29.091	1102597		35.91	11.9706
122	30.227	562		0.02	0.0061
123	30.527	44206		1.44	0.4799
124	30.873	6216		0.20	0.0675
125	31.160	6687		0.22	0.0726
126	31.752	950		0.03	0.0103
		129318473		105453.57	35151.1908

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
43	13.978	5500309	AR1248-4	5839.81	1946.6017
29	10.686	7730360	AR1248-1	6233.04	2077.6798
34	11.818	5155564	AR1248-2	6478.61	2159.5359
37	12.703	5732355	AR1248-3	5205.83	1735.2779
		24118589		23757.29	7919.0952

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

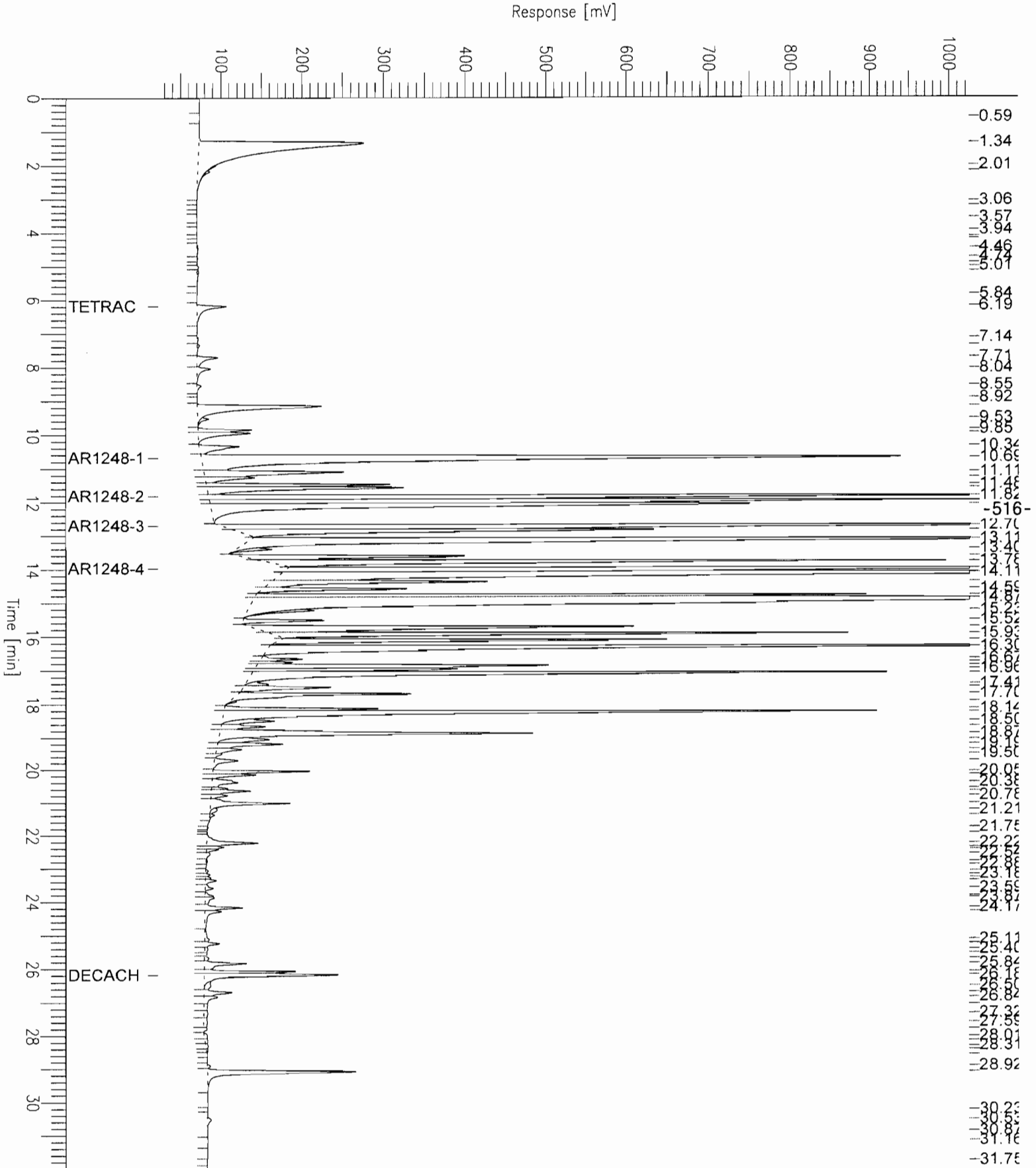
Report stored in ASCII file: C:\DATA65\IC05040.TX0

Chromatogram - ECD#1

Sample Name : u0511380-029a
 FileName : C:\DATA65\Ic05040.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 23 mV

Sample #: 40
 Date : 12/9/05 12:48 PM
 Time of Injection: 12/6/05 05:36 PM
 Low Point : 22.56 mV
 High Point : 1024.00 mV
 Plot Scale: 1001.4 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-029a

Time : 12/11/05 04:41 PM

Sample Number: 20

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/20

Interface Serial # : NONE Data Acquisition Time: 12/10/05 01:50 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09020.RAW

Result File : C:\DATA65\HC09020.RST

Inst Method : PCB2CH from C:\DATA65\HC09020.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 100.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-517-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 67

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	1157111		130.00	4333.4937
2	3.229	676		0.08	2.5325
3	4.896	504		0.06	1.8883
4	6.165	438		0.05	1.6402
5	7.097	698	Tetrachloro-m-xylene	0.08	2.6149
6	8.780	1137		0.13	4.2598
7	9.707	4022		0.45	15.0624
8	10.351	1453		3.66	122.0252

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	10.469	1976		4.98	165.9307
10	11.265	1443		3.64	121.2162
11	11.677	23752		59.85	1994.8409
12	11.766	33534		84.49	2816.4440
13	12.202	5535		13.94	464.8330
14	12.269	7214		18.18	605.9157
15	12.417	2423		6.11	203.5285
16	12.563	673		1.70	56.5356
18	12.950	49883		125.69	4189.5175
19	13.103	18349		46.23	1541.0739
21	13.618	18757		46.93	1564.3610
22	13.795	18212		45.57	1518.9347
23	14.094	40392		101.06	3368.7830
24	14.643	1469		2.96	98.8102
25	14.755	1675		3.38	112.6602
26	14.942	2486		5.02	167.2193
27	15.086	55755		112.52	3750.6234
	15.195	227578	AR1248	138.04	4601.3212
29	15.336	72062		145.43	4847.5785
31	15.989	54367		152.47	5082.3657
32	16.172	23648		66.32	2210.6943
33	16.456	3911		10.97	365.5734
34	16.659	16981		47.62	1587.4630
35	16.979	21322		59.80	1993.2199
36	17.158	14029		39.34	1311.4150
37	17.340	37687		105.69	3523.1029
38	17.675	11660		32.70	1090.0269
39	17.831	2674		7.50	249.9784
40	18.015	5747		16.12	537.2320
41	18.156	724		2.03	67.6910
42	18.230	547		1.53	51.1025
43	18.342	3084		8.65	288.3318
44	18.542	38569		108.17	3605.5191
45	18.882	7211		20.22	674.0740
46	19.093	9992		28.02	934.0664
47	19.476	22023		61.76	2058.8035
48	19.730	1188		3.33	111.0298
49	20.088	14322		40.17	1338.8649
50	20.483	808		2.27	75.5558
51	20.698	364		1.02	34.0553
52	21.092	2846		7.98	266.0133
53	21.247	970		2.72	90.6757
54	21.599	264		0.74	24.6498
55	21.744	714		2.00	66.7146
56	22.209	2492		0.15	4.9299
57	22.472	1910		0.11	3.7774
58	23.489	1562		0.09	3.0889
59	23.811	537		0.03	1.0626
60	24.952	695		0.04	1.3745
61	25.688	1576		0.09	3.1165
62	26.405	7307		0.43	14.4532
63	27.133	859		0.05	1.6994
64	27.522	3147		0.19	6.2255
65	27.715	2283	Decachlorobiphenyl	0.14	4.5167
66	28.167	378		0.02	0.7472
67	31.386	3836		0.23	7.5888

2071441				1930.93	64364.4438

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
30	15.814	46115	AR1248-4	129.33	4310.9034
17	12.781	60803	AR1248-1	153.20	5106.6520
20	13.461	49486	AR1248-2	123.82	4127.2602
28	15.195	71175	AR1248-3	143.64	4787.9217

227578				549.98	18332.7373

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Report stored in ASCII file: C:\DATA65\HC09020.TX0

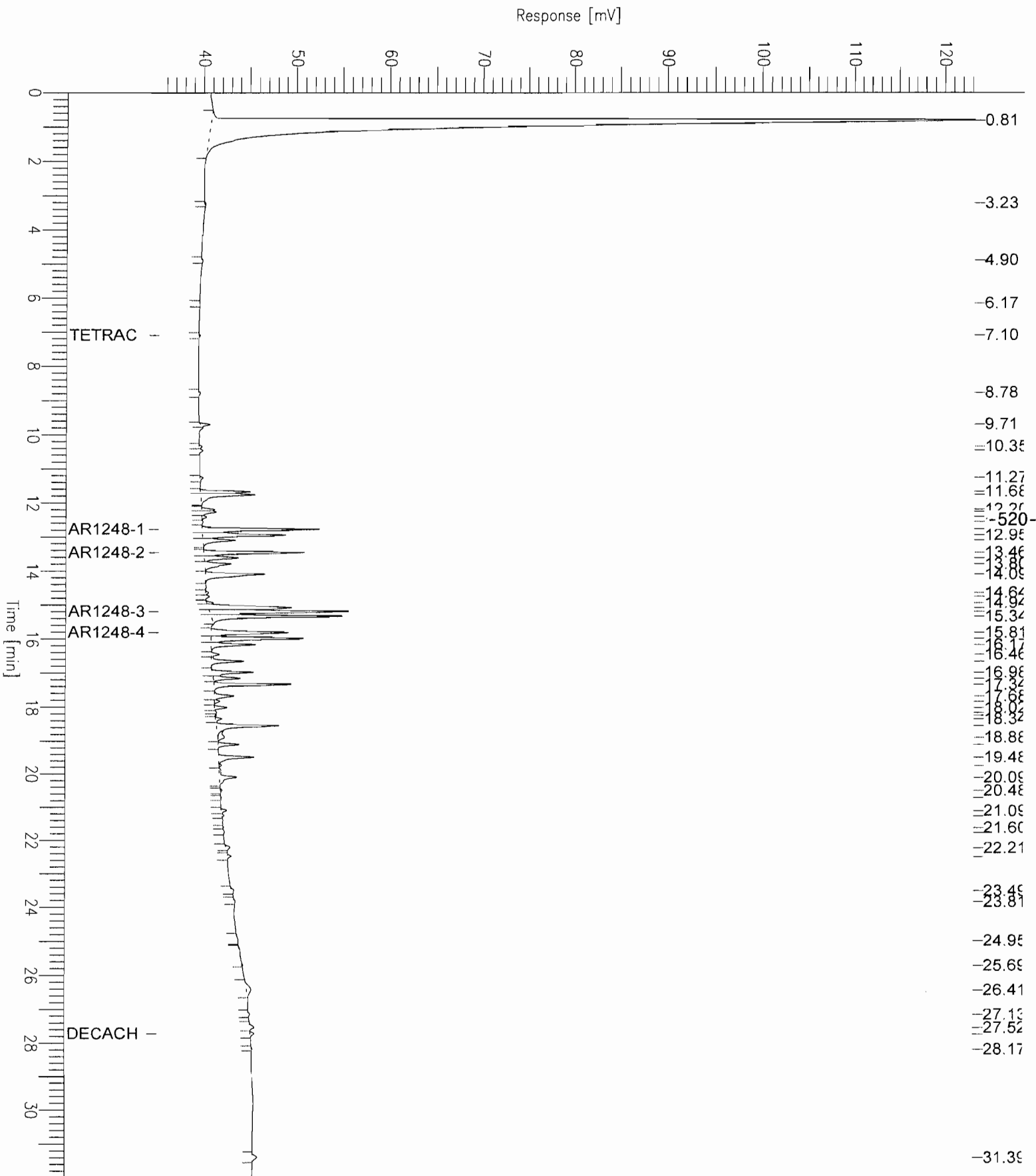
Chromatogram - ECD#1

Sample Name : u0511380-029a
FileName : C:\DATA65\Hc09020.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 35 mV

Sample #: 20
Date : 12/11/05 04:41 PM
Time of Injection: 12/10/05 01:50 AM
Low Point : 35.27 mV
High Point : 123.13 mV
Plot Scale: 87.9 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : u0511380-029a

Time : 12/22/05 03:18 PM

Sample Number: 21

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/20

Interface Serial # : NONE Data Acquisition Time: 12/10/05 02:26 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09021.RAW

Result File : C:\DATA65\IC09021.RST

Inst Method : PCB2CH from C:\DATA65\IC09021.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 100.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-521-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 76

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.549	14121		0.58	19.3958
2	1.329	2272159		93.63	3120.8590
3	3.112	413		0.02	0.5666
4	3.934	2503		0.10	3.4379
5	4.914	402		0.02	0.5523
6	5.457	778		0.03	1.0683
7	6.193	2269	Tetrachloro-m-xylene	0.09	3.1164
8	6.811	800		0.03	1.0984

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.708	1325		0.05	1.8193
10	8.041	1104		0.05	1.5158
11	9.161	19312		15.57	519.0521
12	9.518	767		0.62	20.6063
13	9.853	3503		2.82	94.1466
14	9.948	5827		4.70	156.6048
15	10.339	3723		3.00	100.0647
17	11.100	20616		16.62	554.1019
18	11.260	6240		7.84	261.3756
19	11.476	8913		11.20	373.3498
20	11.567	22112		27.79	926.2202
	11.830	435040	AR1248	106.65	3555.1100
22	11.961	103477		130.03	4334.3699
23	12.071	96418		121.16	4038.6985
25	12.833	56034		50.89	1696.2335
26	13.117	133809		121.52	4050.6235
27	13.605	19484		20.69	689.5704
28	13.777	56868		60.38	2012.6157
30	14.136	198271		210.51	7016.9533
31	14.370	43080		45.74	1524.6177
32	14.582	17366		18.44	614.6087
33	14.785	39342		41.77	1392.3609
34	14.902	17234		18.30	609.9149
35	14.969	9759		10.36	345.3820
36	15.518	5862		6.22	207.4755
37	15.721	36953		39.23	1307.7944
38	15.922	39113		41.53	1384.2264
39	16.106	24135		25.62	854.1416
40	16.312	88360		93.81	3127.1230
41	16.658	2470		2.62	87.4044
42	16.754	252		0.27	8.9085
43	16.861	16360		17.37	578.9781
44	16.963	17566		18.65	621.6610
45	17.092	41540		44.10	1470.1305
46	17.492	3109		3.30	110.0431
47	17.692	15154		16.09	536.3071
48	18.134	7940		8.43	280.9989
49	18.242	27156		28.83	961.0653
50	18.661	855		0.91	30.2696
51	18.874	20194		21.44	714.6870
52	19.183	2391		2.54	84.6294
53	19.348	881		0.94	31.1751
54	19.720	1780		1.89	62.9799
55	20.049	4087		4.34	144.6370
56	20.141	4502		0.15	4.8875
57	20.380	1465		0.05	1.5908
58	20.555	493		0.02	0.5356
59	20.654	814		0.03	0.8838
60	20.777	945		0.03	1.0261
61	21.019	5733		0.19	6.2237
62	21.475	2701		0.09	2.9326
63	22.224	2349		0.08	2.5508
64	23.182	223		0.01	0.2420
65	23.359	740		0.02	0.8035
66	23.607	582		0.02	0.6314
67	23.900	923		0.03	1.0016
68	24.174	1015		0.03	1.1016
69	25.230	1732		0.06	1.8807
70	25.834	2923		0.10	3.1730
71	26.076	7254		0.24	7.8752
72	26.183	9162	Decachlorobiphenyl	0.30	9.9467
73	26.701	1498		0.05	1.6268
74	26.860	810		0.03	0.8793
75	28.935	20127		0.66	21.8512
76	29.090	11238		0.37	12.2013
		4046452		1521.85	50728.4921

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
29	14.004	100722	AR1248-4	106.94	3564.6217
16	10.687	104839	AR1248-1	84.53	2817.7477
21	11.830	114691	AR1248-2	144.12	4804.1287

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
24	12.711	114788	AR1248-3	104.24	3474.8182
		435040		439.84	14661.3164

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

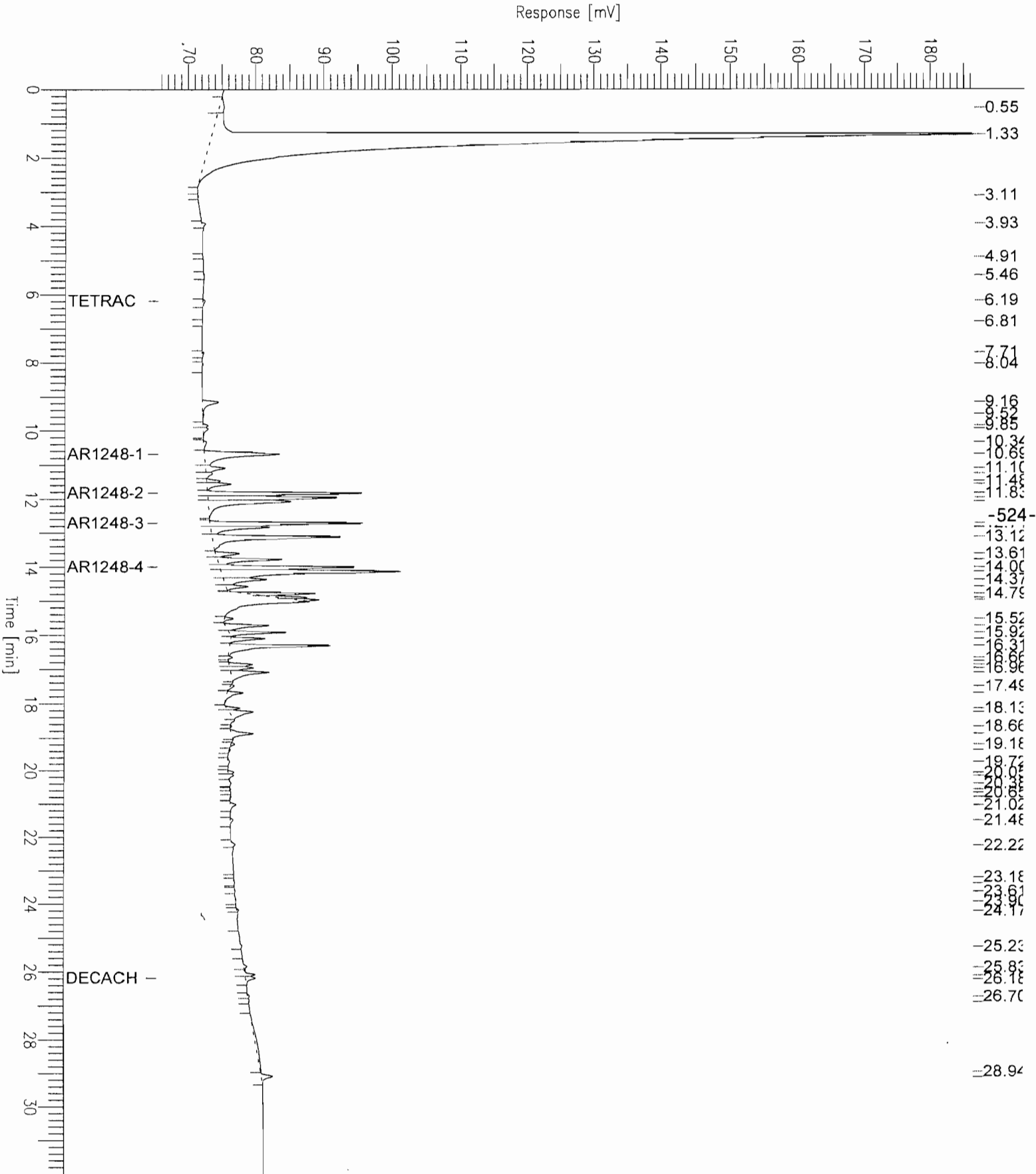
Report stored in ASCII file: C:\DATA65\IC09021.TX0

Chromatogram - ECD#1

Sample Name : u0511380-029a
 FileName : C:\DATA65\Ic09021.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset: 66 mV

Sample #: 21
 Date : 12/22/05 03:19 PM
 Time of Injection: 12/10/05 02:26 AM
 Low Point : 65.62 mV
 Plot Scale: 121.0 mV
 High Point : 186.59 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. SS-130

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-030A

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 21.02

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.:

10 (ML)

Date Analyzed:

12/10/05

Injection Vol.:

2 (uL)

Time Analyzed:

2:26AM

GPC Cleanup: No

pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	420	U
11104-28-2	Aroclor 1221	420	U
11141-16-5	Aroclor 1232	420	U
53469-21-9	Aroclor 1242	420	U
12672-29-6	Aroclor 1248	4109	
11097-69-1	Aroclor 1254	420	U
11096-82-5	Aroclor 1260	420	U

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Upstate Laboratories, Inc.

Date: 21-Dec-05

CLIENT: NYSDEC-Region 8 **Client Sample ID:** SS-130
Lab Order: U0511380 **Collection Date:** 11/22/2005 1:15:00 PM
Project: Luster-Coate Metallizing Site 828113
Lab ID: U0511380-030 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: CC
Percent Moisture	21.0	0.00100		wt%	1	12/8/2005

Approved By: _____ **Date:** _____ Page 30 of 30

- Qualifiers:** * Low Level ** Value exceeds Maximum Contaminant Value
 B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits

Software Version: 4.1<2F12>

Sample Name : u0511380-030a

Time : 12/9/05 11:02 AM

Sample Number: 40

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/40

Interface Serial # : NONE Data Acquisition Time: 12/6/05 05:36 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05040.RAW

Result File : C:\DATA65\HC05040.RST

Inst Method : PCB2CH from C:\DATA65\HC05040.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-527-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 115

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.814	2542353		285.64	95.2136
2	1.948	4073		0.46	0.1525
3	2.409	799		0.09	0.0299
4	3.028	4469		0.50	0.1674
5	3.204	1601		0.18	0.0600
6	3.650	1525		0.17	0.0571
7	4.410	2080		0.23	0.0779
8	4.573	367		0.04	0.0137

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.879	614		0.07	0.0230
10	5.234	917		0.10	0.0343
11	5.508	1429		0.16	0.0535
12	5.574	2721		0.31	0.1019
13	6.167	476		0.05	0.0178
14	6.684	1927		0.22	0.0722
15	7.101	125093	Tetrachloro-m-xylene	14.05	4.6849
16	7.562	9093		1.02	0.3405
17	7.688	3996		0.45	0.1497
18	8.215	767		0.09	0.0287
19	8.375	1271		0.14	0.0476
20	8.566	327		0.04	0.0123
21	8.777	43605		4.90	1.6331
22	9.706	185697		20.86	6.9545
23	9.804	69790		7.84	2.6137
24	10.041	14419		36.33	12.1100
25	10.350	47233		119.01	39.6694
26	10.468	65350		164.66	54.8858
27	10.765	10868		27.38	9.1277
28	11.265	91707		231.07	77.0220
29	11.675	896513		2258.87	752.9558
30	11.765	1708816		4305.56	1435.1865
31	12.204	191622		482.81	160.9382
32	12.268	359771		906.48	302.1613
33	12.418	101432		255.57	85.1900
34	12.557	6531		16.46	5.4852
36	12.949	2239651		5643.06	1881.0192
37	13.102	1021884		2574.75	858.2510
39	13.618	961925		2406.81	802.2698
40	13.796	867729		2171.13	723.7085
41	14.094	2446538		6121.43	2040.4757
42	14.476	25874		52.22	17.4055
43	14.643	91912		185.49	61.8291
44	14.755	99724		201.25	67.0844
45	14.940	181959		367.21	122.4031
46	15.086	3301712		6663.16	2221.0549
	15.191	12097245	AR1248	7337.69	2445.8959
48	15.334	5200743		10495.59	3498.5292
50	15.993	3922219		10999.72	3666.5736
51	16.170	1711362		4799.45	1599.8175
52	16.455	335197		940.05	313.3492
53	16.657	1307378		3666.50	1222.1651
54	16.979	1904715		5341.70	1780.5683
55	17.158	1277382		3582.37	1194.1238
56	17.338	3149676		8833.15	2944.3848
57	17.676	1131429		3173.05	1057.6842
58	17.825	290073		813.50	271.1663
59	18.014	616027		1727.63	575.8756
60	18.153	123317		345.84	115.2797
61	18.231	136961		384.10	128.0341
62	18.340	385844		1082.09	360.6951
63	18.538	2749091		7709.73	2569.9090
64	18.883	614076		1722.15	574.0513
65	19.093	1077613		3022.13	1007.3758
66	19.472	2495377		6998.20	2332.7321
67	19.731	111212		311.89	103.9632
68	19.874	38459		107.86	35.9518
69	19.977	45302		127.05	42.3496
70	20.087	919860		2579.72	859.9051
71	20.484	108212		303.48	101.1587
72	20.569	41320		115.88	38.6271
73	20.693	68043		190.82	63.6083
74	20.902	12404		34.79	11.5959
75	21.089	405178		1136.31	378.7691
76	21.246	142194		398.78	132.9261
77	21.361	55194		154.79	51.5968
78	21.500	44341		124.35	41.4508
79	21.592	65847		184.66	61.5549
80	21.741	108189		303.41	101.1376
81	21.978	17082		1.01	0.3379
82	22.169	168509		10.00	3.3333
83	22.292	30884		1.83	0.6109
84	22.471	263315		15.63	5.2086
85	22.809	1930		0.11	0.0382
86	23.175	4650		0.28	0.0920
87	23.314	1514		0.09	0.0299
88	23.478	212266		12.60	4.1988
89	23.634	25853		1.53	0.5114
90	23.806	73429		4.36	1.4525
91	24.103	309		0.02	0.0061

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	24.212	664		0.04	0.0131
93	24.407	10642		0.63	0.2105
94	24.557	12490		0.74	0.2471
95	24.671	2493		0.15	0.0493
96	24.906	55399		3.29	1.0958
97	25.179	62276		3.70	1.2319
98	25.595	11633		0.69	0.2301
99	25.681	75323		4.47	1.4900
100	25.921	31762		1.88	0.6283
101	26.306	86253		5.12	1.7062
102	26.771	33870		2.01	0.6700
103	27.126	36478		2.16	0.7216
104	27.379	12753		0.76	0.2523
105	27.519	138294		8.21	2.7356
106	27.715	244712	Decachlorobiphenyl	14.52	4.8406
107	27.901	8491		0.50	0.1680
108	28.154	41855		2.48	0.8279
109	28.715	5613		0.33	0.1110
110	29.187	13109		0.78	0.2593
111	29.492	2536		0.15	0.0502
112	29.797	8033		0.48	0.1589
113	30.928	7294		0.43	0.1443
114	31.385	232016		13.77	4.5895
115	31.810	2510		0.15	0.0496
		62365882		124691.64	41563.8791

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
49	15.813	3166390	AR1248-4	8880.03	2960.0093
35	12.778	2359227	AR1248-1	5944.34	1981.4477
38	13.460	2330681	AR1248-2	5831.54	1943.8479
47	15.191	4240947	AR1248-3	8558.63	2852.8764
		12097245		29214.54	9738.1813

-529-

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

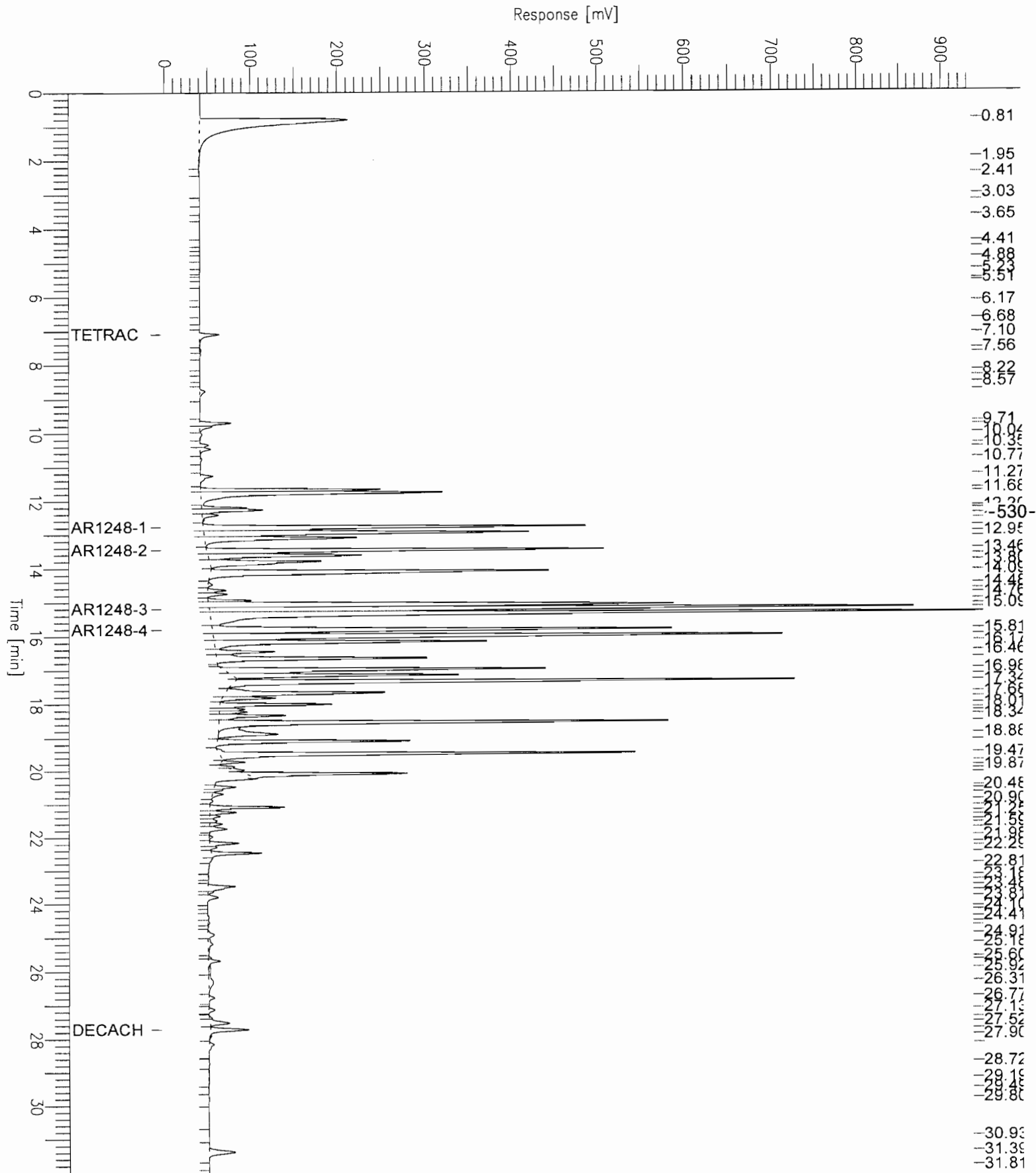
Report stored in ASCII file: C:\DATA65\HC05040.TX0

Chromatogram - ECD#1

Sample Name : u0511380-030a
 FileName : C:\DATA65\Hc05040.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: -4 mV

Sample #: 40
 Date : 12/9/05 11:02 AM
 Time of Injection: 12/6/05 05:36 PM
 Low Point : -4.49 mV
 High Point : 935.04 mV
 Plot Scale: 939.5 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-030a

Time : 12/9/05 12:48 PM

Sample Number: 41

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/40

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:13 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05041.RAW

Result File : C:\DATA65\IC05041.RST

Inst Method : PCB2CH from C:\DATA65\IC05041.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-531-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 132

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.534	9690		0.40	0.1331
2	1.341	4760983		196.18	65.3931
3	3.067	2747		0.11	0.0377
4	3.573	4812		0.20	0.0661
5	3.925	1916		0.08	0.0263
6	4.121	1112		0.05	0.0153
7	4.356	1967		0.08	0.0270
8	5.011	4668		0.19	0.0641

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.215	13976		0.58	0.1920
10	5.510	3935		0.16	0.0541
11	5.853	2945		0.12	0.0405
12	6.193	352949	Tetrachloro-m-xylene	14.54	4.8478
13	7.134	16887		0.70	0.2319
14	7.363	17875		0.74	0.2455
15	7.711	54023		2.23	0.7420
16	8.042	60132		2.48	0.8259
17	8.549	12852		10.36	3.4542
18	8.913	4224		3.41	1.1353
19	9.159	572940		461.97	153.9884
20	9.529	24072		19.41	6.4699
21	9.853	110581		89.16	29.7207
22	9.955	155201		125.14	41.7131
23	10.341	183632		148.06	49.3546
25	11.103	582607		469.76	156.5866
26	11.265	148535		186.65	62.2176
27	11.474	452536		568.67	189.5561
28	11.568	651825		819.10	273.0331
30	11.960	3421263		4299.24	1433.0808
31	12.069	3168001		3980.99	1326.9956
33	12.834	1864512		1693.25	564.4182
34	13.116	4945952		4491.66	1497.2207
35	13.401	169385		179.84	59.9467
36	13.612	901007		956.62	318.8735
37	13.772	3318522		3523.35	1174.4504
	13.978	17365625	AR1248	4257.31	1419.1039
39	14.110	7342335		7795.53	2598.5088
40	14.373	1159775		1231.36	410.4532
41	14.585	765651		812.91	270.9698
42	14.783	1772270		1881.66	627.2200
43	14.883	1645304		1746.86	582.2858
44	15.223	93502		99.27	33.0912
45	15.519	379558		402.99	134.3284
46	15.720	2560752		2718.81	906.2699
47	15.922	2957943		3140.52	1046.8389
48	16.106	2011824		2136.00	712.0001
49	16.298	5303559		5630.91	1876.9703
50	16.665	370922		393.82	131.2721
51	16.757	187655		199.24	66.4125
52	16.860	1744562		1852.24	617.4139
53	16.962	1316210		1397.45	465.8169
54	17.084	4468186		4743.98	1581.3252
55	17.404	185963		197.44	65.8138
56	17.497	744247		790.18	263.3947
57	17.691	1222439		1297.89	432.6304
58	17.783	391072		415.21	138.4034
59	18.133	893522		948.67	316.2244
60	18.235	4473736		4749.87	1583.2894
61	18.497	190931		202.72	67.5719
62	18.662	161383		171.34	57.1147
63	18.870	2625230		2787.27	929.0890
64	19.045	383758		407.45	135.8151
65	19.187	466687		495.49	165.1641
66	19.356	185502		196.95	65.6507
67	19.501	30692		32.59	10.8620
68	19.703	269095		285.70	95.2349
69	20.041	599824		636.85	212.2824
70	20.147	304772		9.93	3.3088
71	20.322	112236		3.66	1.2185
72	20.379	198870		6.48	2.1591
73	20.557	85829		2.80	0.9318
74	20.635	250599		8.16	2.7207
75	20.780	102101		3.33	1.1085
76	21.010	675087		21.99	7.3293
77	21.209	45543		1.48	0.4945
78	21.370	21789		0.71	0.2366
79	21.577	5722		0.19	0.0621
80	21.741	2248		0.07	0.0244
81	21.913	960		0.03	0.0104
82	21.997	1152		0.04	0.0125
83	22.221	450927		14.69	4.8956
84	22.343	95648		3.12	1.0384
85	22.411	59695		1.94	0.6481
86	22.575	16184		0.53	0.1757
87	22.788	1869		0.06	0.0203
88	22.881	2825		0.09	0.0307
89	23.057	13429		0.44	0.1458
90	23.176	17869		0.58	0.1940
91	23.266	9423		0.31	0.1023

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	23.348	24815		0.81	0.2694
93	23.501	8132		0.26	0.0883
94	23.589	39847		1.30	0.4326
95	23.729	2412		0.08	0.0262
96	23.813	11314		0.37	0.1228
97	23.871	17870		0.58	0.1940
98	23.982	4532		0.15	0.0492
99	24.166	170390		5.55	1.8499
100	24.277	71600		2.33	0.7773
101	24.534	7482		0.24	0.0812
102	24.959	1486		0.05	0.0161
103	25.107	3837		0.12	0.0417
104	25.234	65269		2.13	0.7086
105	25.366	10403		0.34	0.1129
106	25.586	789		0.03	0.0086
107	25.663	3482		0.11	0.0378
108	25.830	146321		4.77	1.5886
109	26.078	549505		17.90	5.9658
110	26.177	391410	Decachlorobiphenyl	12.75	4.2494
111	26.503	25429		0.83	0.2761
112	26.693	101825		3.32	1.1055
113	26.834	48408		1.58	0.5256
114	27.067	12271		0.40	0.1332
115	27.323	12483		0.41	0.1355
116	27.616	25001		0.81	0.2714
117	27.802	12330		0.40	0.1339
118	28.001	15865		0.52	0.1722
119	28.178	7332		0.24	0.0796
120	28.301	9027		0.29	0.0980
121	28.433	3833		0.12	0.0416
122	28.664	1427		0.05	0.0155
123	28.909	9810		0.32	0.1065
124	29.089	560254		18.25	6.0825
125	30.000	3194		0.10	0.0347
126	30.240	13905		0.45	0.1510
127	30.523	36174		1.18	0.3927
128	30.878	12574		0.41	0.1365
129	31.166	10049		0.33	0.1091
130	31.435	2023		0.07	0.0220
131	31.552	2424		0.08	0.0263
132	31.760	982		0.03	0.0107
		95200273		76462.59	25487.5284

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
38	13.978	5084590	AR1248-4	5398.43	1799.4754
24	10.685	4328722	AR1248-1	3490.28	1163.4255
29	11.827	3773354	AR1248-2	4741.69	1580.5629
32	12.710	4178959	AR1248-3	3795.12	1265.0393
		17365625		17425.51	5808.5030

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

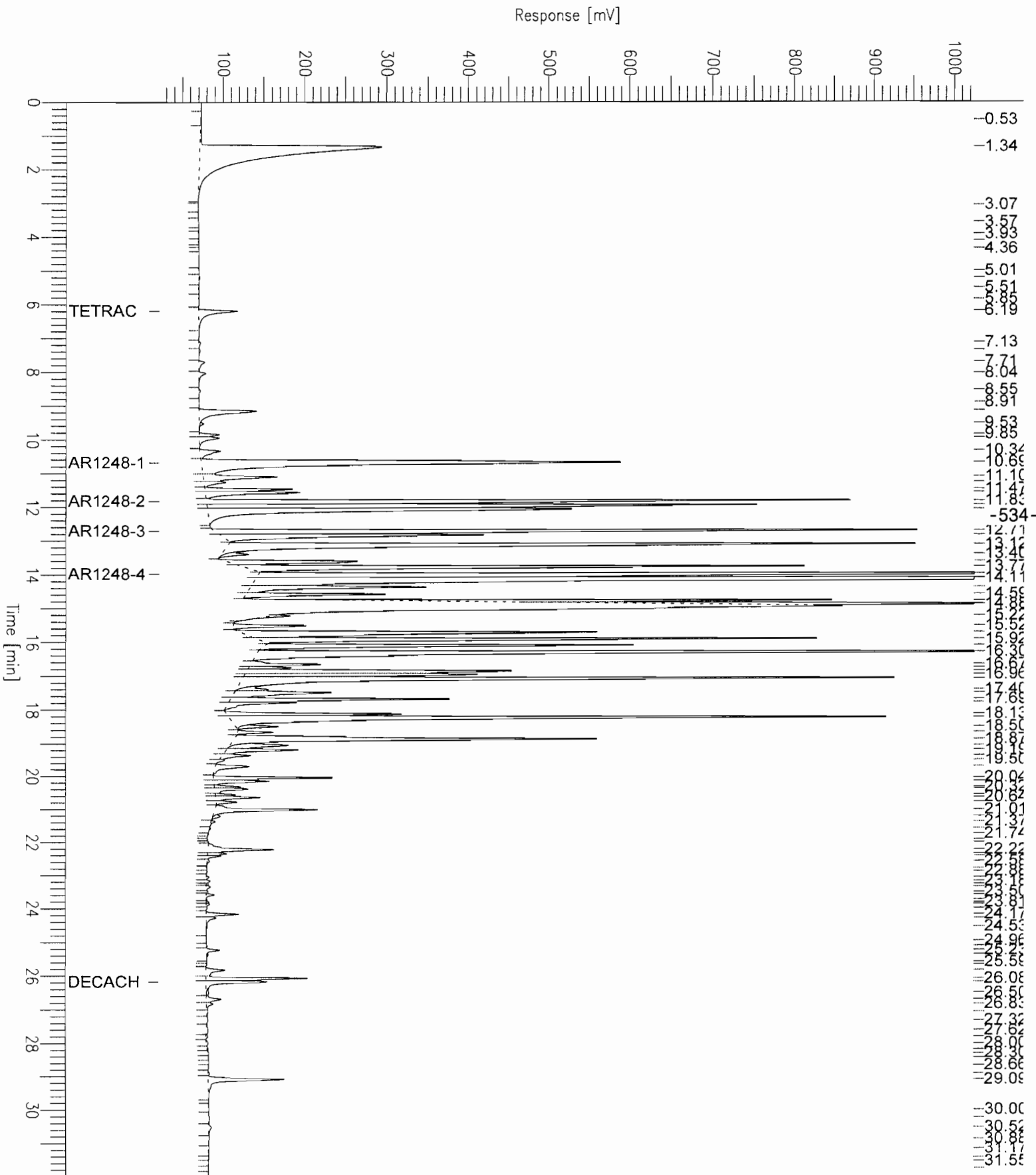
Report stored in ASCII file: C:\DATA65\IC05041.TX0

Chromatogram - ECD#1

Sample Name : u0511380-030a
 FileName : C:\DATA65\Ic05041.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 22 mV

Sample #: 41
 Date : 12/9/05 12:49 PM
 Time of Injection: 12/6/05 06:13 PM
 Low Point : 21.73 mV
 High Point : 1024.00 mV
 Plot Scale: 1002.3 mV



Software Version: 4.1<2F12>
Sample Name : u0511380-030a
Sample Number: 21
Operator : manager

Time : 12/11/05 04:41 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/21

Interface Serial # : NONE Data Acquisition Time: 12/10/05 02:26 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09021.RAW
Result File : C:\DATA65\HC09021.RST
Inst Method : PCB2CH from C:\DATA65\HC09021.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 10.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-535-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 86

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.813	1297635		145.79	485.9770
2	3.224	615		0.07	0.2302
3	4.902	635		0.07	0.2377
4	6.177	342		0.04	0.1280
5	7.100	10446	Tetrachloro-m-xylene	1.17	3.9121
6	7.562	338		0.04	0.1265
7	8.778	3918		0.44	1.4675
8	9.708	19851		2.23	7.4343

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.808	6912		0.78	2.5886
10	10.042	986		2.49	8.2837
11	10.351	4766		12.01	40.0287
12	10.469	6258		15.77	52.5631
13	10.779	326		0.82	2.7349
14	11.266	8968		22.60	75.3201
15	11.678	101550		255.87	852.8932
16	11.767	160038		403.23	1344.1146
17	12.203	22875		57.64	192.1243
18	12.270	28759		72.46	241.5407
19	12.418	9134		23.02	76.7180
21	12.952	267255		673.38	2244.5988
22	13.103	104360		262.95	876.4894
24	13.619	93078		232.89	776.2977
25	13.796	80977		202.61	675.3683
26	14.095	230083		575.69	1918.9522
27	14.477	2801		5.65	18.8436
28	14.643	8731		17.62	58.7329
29	14.756	10770		21.73	72.4474
30	14.941	16516		33.33	111.1030
31	15.087	380158		767.19	2557.3141
	15.194	1412938	AR1248	857.03	2856.7664
33	15.337	593586		1197.91	3993.0383
35	15.991	428299		1201.15	4003.8330
36	16.173	196453		550.95	1836.4882
37	16.456	35221		98.77	329.2491
38	16.660	138807		389.28	1297.5955
39	16.980	180905		507.34	1691.1414
40	17.160	110537		310.00	1033.3231
41	17.340	330276		926.25	3087.4887
42	17.677	105361		295.48	984.9333
43	17.830	25373		71.16	237.1888
44	18.016	63932		179.30	597.6514
45	18.156	7647		21.45	71.4858
46	18.233	9219		25.85	86.1805
47	18.341	27259		76.45	254.8222
48	18.543	275518		772.68	2575.6004
49	18.882	56938		159.68	532.2660
50	19.095	111084		311.53	1038.4404
51	19.344	2444		6.85	22.8472
52	19.477	211741		593.82	1979.4026
53	19.733	16266		45.62	152.0621
54	19.874	10405		29.18	97.2650
55	19.981	16754		46.99	156.6223
56	20.089	151740		425.55	1418.4989
57	20.484	13602		38.15	127.1570
58	20.571	5360		15.03	50.1066
59	20.694	8645		24.24	80.8137
60	20.909	1026		2.88	9.5934
61	21.091	34775		97.53	325.0842
62	21.248	15116		42.39	141.3044
63	21.365	5058		14.19	47.2857
64	21.504	4748		13.32	44.3838
65	21.594	6744		18.91	63.0402
66	21.743	11224		31.48	104.9270
67	21.983	1850		0.11	0.3660
68	22.178	13215		0.78	2.6141
69	22.472	27434		1.63	5.4267
70	23.334	600		0.04	0.1187
71	23.480	15665		0.93	3.0986
72	23.808	6087		0.36	1.2040
73	24.418	921		0.05	0.1822
74	24.564	1029		0.06	0.2035
75	24.901	5447		0.32	1.0774
76	25.188	1012		0.06	0.2001
77	25.684	6550		0.39	1.2957
78	26.280	3543		0.21	0.7008
79	26.491	2914		0.17	0.5765
80	26.775	3660		0.22	0.7240
81	27.129	3520		0.21	0.6963
82	27.521	14222		0.84	2.8133
83	27.714	23958	Decachlorobiphenyl	1.42	4.7391
84	28.159	3966		0.24	0.7846
85	28.723	277		0.02	0.0548
86	31.385	18800		1.12	3.7188

-536-

7658753

13217.12

44057.0526

Group Report For : AR1248

Peak #	Time (min)	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
34	15.814	337759	AR1248-4	947.23	3157.4453
20	12.781	316216	AR1248-1	796.74	2655.8043
23	13.462	263467	AR1248-2	659.22	2197.3853
32	15.194	495496	AR1248-3	999.96	3333.1942
		1412938		3403.15	11343.8291

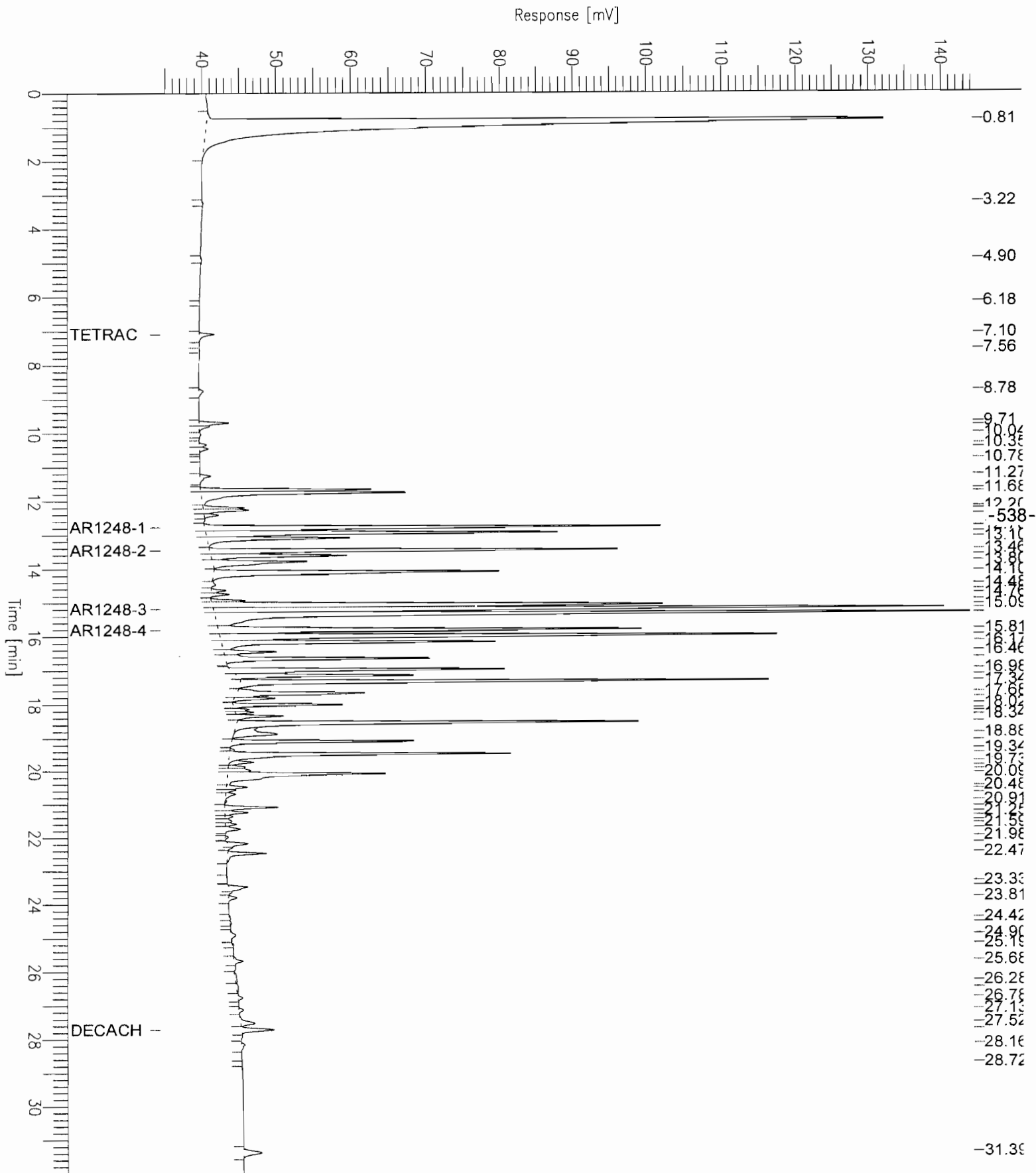
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 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC09021.TX0

Chromatogram - ECD#1

Sample Name : u0511380-030a
 FileName : C:\DATA65\Hc09021.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

Sample #: 21
 Date : 12/11/05 04:41 PM
 Time of Injection: 12/10/05 02:26 AM
 Low Point : 34.32 mV
 High Point : 144.29 mV
 End Time : 32.00 min
 Plot Offset: 34 mV
 Plot Scale: 110.0 mV



Software Version: 4.1<2F12>

Sample Name : u0511380-030a

Time : 12/22/05 03:19 PM

Sample Number: 22

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/21

Interface Serial # : NONE Data Acquisition Time: 12/10/05 03:02 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09022.RAW

Result File : C:\DATA65\IC09022.RST

Inst Method : PCB2CH from C:\DATA65\IC09022.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-539-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 108

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.518	13364		0.55	1.8356
2	1.328	2589647		106.71	355.6935
3	3.116	436		0.02	0.0598
4	3.745	3175		0.13	0.4361
5	3.928	5853		0.24	0.8039
6	4.088	3427		0.14	0.4707
7	4.442	1395		0.06	0.1917
8	4.891	316		0.01	0.0434

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.003	389		0.02	0.0534
10	5.220	732		0.03	0.1005
11	5.478	700		0.03	0.0962
12	6.185	38725	Tetrachloro-m-xylene	1.60	5.3190
13	6.803	798		0.03	0.1096
14	7.137	1126		0.05	0.1546
15	7.366	2044		0.08	0.2807
16	7.704	5579		0.23	0.7663
17	8.036	5244		0.22	0.7202
18	8.548	1772		1.43	4.7626
19	8.906	450		0.36	1.2090
20	9.155	74138		59.78	199.2600
21	9.526	2703		2.18	7.2635
22	9.847	12676		10.22	34.0699
23	9.950	19524		15.74	52.4739
24	10.338	19315		15.57	51.9138
26	11.097	84818		68.39	227.9655
27	11.259	23084		29.01	96.6940
28	11.472	43454		54.61	182.0178
29	11.564	92114		115.75	385.8423
31	11.958	568075		713.86	2379.5223
32	12.067	512256		643.71	2145.7110
34	12.832	255270		231.82	772.7428
35	13.114	692931		629.28	2097.6154
36	13.395	20489		21.75	72.5105
37	13.606	118393		125.70	419.0011
38	13.774	484096		513.98	1713.2526
	13.999	2650272	AR1248	649.73	2165.7793
40	14.134	1518940		1612.69	5375.6437
41	14.369	322419		342.32	1141.0660
42	14.582	192913		204.82	682.7341
43	14.781	517240		549.17	1830.5525
44	14.898	551002		585.01	1950.0383
45	14.965	1009228		1071.52	3571.7370
46	15.212	54424		57.78	192.6091
47	15.517	58865		62.50	208.3277
48	15.719	330953		351.38	1171.2676
49	15.921	369416		392.22	1307.3903
50	16.105	237283		251.93	839.7629
51	16.310	773339		821.07	2736.9057
52	16.661	33363		35.42	118.0727
53	16.757	7135		7.58	25.2515
54	16.861	174589		185.37	617.8855
55	16.961	205210		217.88	726.2528
56	17.088	572668		608.02	2026.7176
57	17.388	34413		36.54	121.7919
58	17.490	88592		94.06	313.5323
59	17.691	216766		230.15	767.1513
60	18.131	119171		126.53	421.7559
61	18.240	514723		546.49	1821.6425
62	18.491	51605		54.79	182.6324
63	18.660	48695		51.70	172.3351
64	18.872	383048		406.69	1355.6360
65	19.057	73805		78.36	261.2015
66	19.181	88990		94.48	314.9438
67	19.353	48451		51.44	171.4708
68	19.711	34674		36.81	122.7154
69	20.043	60404		64.13	213.7733
70	20.142	47713		1.55	5.1801
71	20.380	33929		1.11	3.6836
72	20.555	10798		0.35	1.1724
73	20.645	18064		0.59	1.9612
74	20.779	12745		0.42	1.3837
75	21.013	70894		2.31	7.6968
76	21.371	1627		0.05	0.1766
77	21.467	6249		0.20	0.6784
78	22.220	58033		1.89	6.3005
79	22.339	15431		0.50	1.6753
80	22.406	10850		0.35	1.1780
81	22.579	8938		0.29	0.9704
82	22.794	2527		0.08	0.2744
83	22.870	3595		0.12	0.3903
84	23.061	6314		0.21	0.6855
85	23.171	6623		0.22	0.7190
86	23.347	12216		0.40	1.3263
87	23.494	4810		0.16	0.5222
88	23.591	9258		0.30	1.0051
89	23.874	16345		0.53	1.7746
90	24.169	25529		0.83	2.7717
91	24.272	14210		0.46	1.5427

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	24.534	1945		0.06	0.2111
93	25.121	581		0.02	0.0631
94	25.233	8046		0.26	0.8736
95	25.409	1088		0.04	0.1181
96	25.829	10213		0.33	1.1088
97	26.075	68434		2.23	7.4297
98	26.175	40435	Decachlorobiphenyl	1.32	4.3900
99	26.695	8175		0.27	0.8876
100	26.839	3326		0.11	0.3611
101	27.693	4077		0.13	0.4426
102	27.790	2482		0.08	0.2695
103	27.986	3454		0.11	0.3750
104	28.325	7757		0.25	0.8422
105	28.706	8985		0.29	0.9754
106	28.906	3184		0.10	0.3457
107	29.085	61129		1.99	6.6366
108	30.570	363		0.01	0.0395
		17671476		13262.39	44207.9779

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
39	13.999	834947	AR1248-4	886.48	2954.9409
25	10.685	558524	AR1248-1	450.34	1501.1392
30	11.825	624531	AR1248-2	784.80	2616.0041
33	12.708	632269	AR1248-3	574.19	1913.9831
		2650272		2695.82	8986.0673

=====541-
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

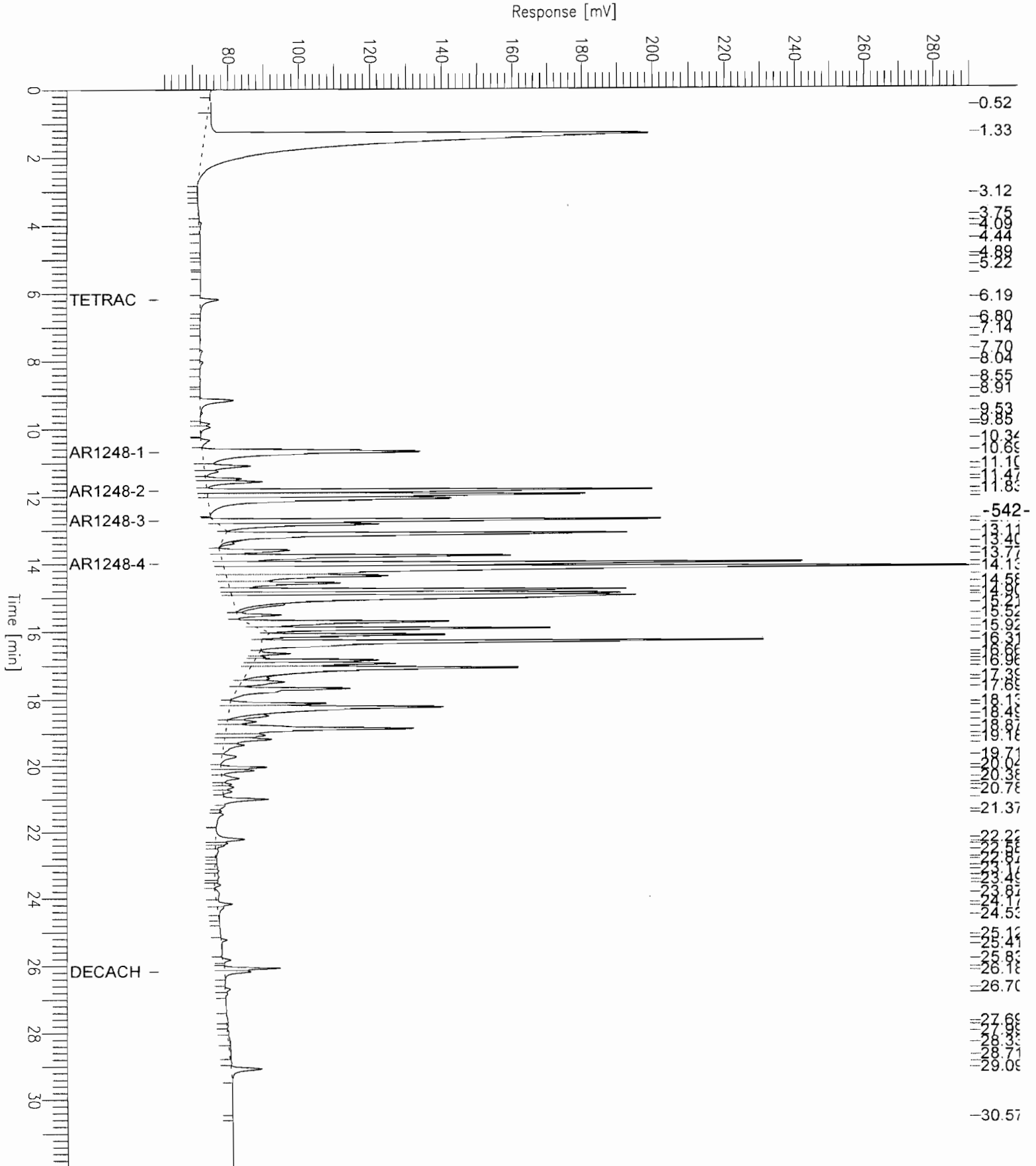
Report stored in ASCII file: C:\DATA65\IC09022.TX0

Chromatogram - ECD#1

Sample Name : u0511380-030a
 FileName : C:\DATA65\Ic09022.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

Sample #: 22
 Date : 12/22/05 03:19 PM
 Time of Injection: 12/10/05 03:02 AM
 Low Point : 60.29 mV
 High Point : 290.02 mV
 End Time : 32.00 min
 Plot Offset: 60 mV

Page 1 of 1



Raw Wet Chemistry Data

Percent Moisture
UPSTATE LABORATORIES, INC.

WORK SHEET

Today's analysis:

Date Analyzed: 12-7-05

Matrix: Solid

Units: mg/kg

Batch/File No. 12834

SOP S35-4-02 Revised 3/05

Oven Temp. in 104 °C

Oven Temp. out 104 °C

$$\%Moist = 100 - \left(\frac{b}{d} \times 100 \right)$$

ULI ID Number	Weight of Tared Sample (g) "d"	Final Weight @ 103° (g) "b"	%Moist Result (%)	Comments
NY68DEC 11380-1	1.728	1.489	13.83	
-2	1.325	1.178	11.09	
-3	1.518	1.165	23.25	
-4	1.314	1.003	23.67	
-5	1.466	1.241	15.35	
-6	1.337	1.072	19.82	
-7	1.328	1.037	21.91	
-8	1.445	1.341	7.20	
-9	1.432	1.108	22.63	
-10	1.295	1.096	15.37	
-11	1.326	1.071	22.55	
-12	1.273	1.061	16.65	
-13	1.557	1.382	11.24	
-14	1.504	1.355	9.91	
-15	1.565	1.373	12.27	
-16	1.372	1.324	3.50	
-17	1.526	1.253	17.89	
-18	1.395	1.100	21.15	
-19	1.397	1.260	9.81	
-20	1.574	1.192	24.27	
-21	1.771	1.503	15.13	
-21dp	1.521	1.318	13.35	12.54%
-22	1.340	1.064	20.60	
-23	1.506	1.273	15.47	
-24	1.564	1.237	20.91	
-25	1.772	1.560	11.96	
-26	1.362	0.961	29.44	
-27	1.301	1.143	12.14	

-544-

*Initial Dish Weight = 0

Analyst CC

Date: 12-7-05

Percent Moisture
UPSTATE LABORATORIES, INC.

WORK SHEET

Today's analysis:

Date Analyzed: 12-8-05

Matrix: Solid

Units: mg/kg

Batch/File No. 12835
 SOP S35-4-02 Revised 3/05

Oven Temp. in 104 °C

Oven Temp. out 104 °C

$$\% \text{Moist} = 100 \left[\frac{b}{d} - 1 \right] \times 100$$

ULI ID Number	Weight of Tared Sample (g) "d"	Final Weight @ 103° (g) "b"	%Moist Result (%)	Comments
NYSDEC 11380-28	1.333	1.189	10.80	
-29	1.435	1.182	17.63	
-20	1.313	1.037	21.02	
-30dp	1.325	1.048	20.91	0.55%

-545-

*Initial Dish Weight = 0

Analyst CC

Date: 12-8-05

Standards Data

Initial Calibration

Upstate Laboratories, Inc.

1

AROCLOR 1016
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1016						Average	%RSD
Total area							
On Column ppb							
response factor							

1016-1							4.12
ret. time	9.752	9.750	9.750	9.753	9.750	9.752	
area	1565	6575	29561	152116	302800	98523.4	
on column ppb	5.07	21.29	95.70	492.46	980.28	318.96	
response factor							

1016-2							4.24
ret. time	11.812	11.810	11.810	11.813	11.812	11.811	
area	3062	12233	55557	308210	407782		
on column ppb	5.10	20.36	92.48	513.04	1011.69		
response factor							

1016-3							14.24
ret. time	13.509	13.508	13.508	13.511	13.509	13.509	
area	1911	5692	27209	148464	294892		
on column ppb	6.24	18.59	88.88	484.98	963.30		
response factor							

1016-4							
ret. time							
area							
on column ppb							
response factor							

1016-5							
ret. time							
area							
on column ppb							
response factor							

1016-6							
ret. time							
area							
on column ppb							
response factor							

2

AROCLOR 1016
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1016						Average	%RSD
Total area							
On Column ppb							
response factor							

1016-1							10.92
ret. time	10.757	10.762	10.763	10.763	10.758	10.761	
area	12298	53913	220803	1110190	2121564		
on column ppb	5.25	23.03	94.32	474.23	906.25		
response factor							

1016-2							10.95
ret. time	12.044	12.042	12.042	12.043	12.039	12.042	
area	3305	14349	58733	295619	546312		
on column ppb	5.32	23.12	94.63	476.38	880.18		
response factor							

1016-3							4.32
ret. time	13.199	13.199	13.197	13.199	13.194	13.198	
area	4021	15420	71192	384168	758467		
on column ppb	5.27	20.22	93.33	503.64	994.34		
response factor							

1016-4							
ret. time							
area							
on column ppb							
response factor							

1016-5							
ret. time							
area							
on column ppb							
response factor							

1016-6							
ret. time							
area							
on column ppb							
response factor							

AROCOR 1221
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1221							Average	%RSD
Total area								
On Column ppb								
response factor								
1221-1								
ret. time	7.844	7.842	7.837	7.836	7.834	7.839		
area	500.51	2194	12678	202001	142262			
on column ppb	3.97	17.41	100.51	481.56	1127.91			
response factor								9.17
1221-2								
ret. time	8.103	8.121	8.110	8.106	8.106	8.109		
area	541.82	1922	9861	50200	112584			
on column ppb	5.27	19.29	95.95	488.47	1095.48			
response factor								5.60
1221-3								
ret. time	8.417	8.421	8.422	8.420	8.419	8.419		
area	1245.74	9251	38782	194104	427674			
on column ppb	3.02	22.42	93.98	470.37	1086.37			
response factor								7.83
1221-4								
ret. time								
area								
on column ppb								
response factor								
1221-5								
ret. time								
area								
on column ppb								
response factor								
1221-6								
ret. time								
area								
on column ppb								
response factor								

2

AROCLOR 1221
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1221						Average	%RSD
Total area							
On Column ppb							
response factor							
1221-1							
ret. time	7.259	7.239	7.237	7.237	7.233	7.241	
area	988	4975	32070	146470	341108		
on column ppb	3.05	21.57	99.18	453.04	1054.93		
response factor							6.90
1221-2							
ret. time	7.707	7.696	7.697	7.696	7.693	7.697	
area	1149	4628	21905	90620	208491		
on column ppb	5.57	22.41	104.09	438.88	1010.70		
response factor							9.77
1221-3							
ret. time	7.896	7.896	7.893	7.891	7.887	7.892	
area	3890	18622	103254	439919	976150		
on column ppb	4.09	19.59	108.64	462.89	1027.12		
response factor							6.02
1221-4							
ret. time							
area							
on column ppb							
response factor							
1221-5							
ret. time							
area							
on column ppb							
response factor							
1221-6							
ret. time							
area							
on column ppb							
response factor							

1

AROCLOR 1232
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1232						Average	%RSD
Total area							
On Column ppb							
response factor							
1232-1							
ret. time	8.415	8.421	8.420	8.421	8.418	8.419	
area	1855	9334	31173	168982	302791		
on column ppb	5.17	26.01	84.87	470.99	854.91		
response factor							18.25
1232-2							
ret. time	11.812	11.813	11.813	11.814	11.813	11.813	
area	802	4750	22090	112764	223429		
on column ppb	3.74	22.24	103.37	527.93	1046.98		
response factor							14.21
1232-3							
ret. time	13.578	13.508	13.571	13.573	13.510	13.572	
area	462	2998	10807	55546	111299		
on column ppb	4.03	26.15	94.24	484.40	974.98		
response factor							18.49
1232-4							
ret. time							
area							
on column ppb							
response factor							
1232-5							
ret. time							
area							
on column ppb							
response factor							
1232-6							
ret. time							
area							
on column ppb							
response factor							

2

AROCLOR 1232
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1232						Average	%RSD
Total area							
On Column ppb							
response factor							
1232-1							
ret. time	7.891	7.892	7.890	7.885	7.887	7.889	
area	3435	1707	20092	384494	754759		
on column ppb	4.45	22.02	103.69	497.79	977.15		
response factor							7.79
1232-2							
ret. time	10.761	10.759	10.760	10.758	10.758	10.759	
area	4666	18980	85742	433058	895183		
on column ppb	5.18	21.09	95.25	481.08	994.45		
response factor				12.23			4.53
1232-3							
ret. time	12.044	12.041	12.040	12.038	12.038	12.040	
area	1619	5276	21709	108662	218283		
on column ppb	6.53	21.27	87.52	438.06	879.98		
response factor							18.88
1232-4							
ret. time							
area							
on column ppb							
response factor							
1232-5							
ret. time							
area							
on column ppb							
response factor							
1232-6							
ret. time							
area							
on column ppb							
response factor							

AROCOR 1242
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1242						Average	%RSD
Total area							
On Column ppb response factor							
1242-1							
ret. time	9.764	9.755	9.754	9.755	9.753	9.756	
area	1714	5442	24635	114867	235068		
on column ppb response factor	6.46	20.58	92.82	432.79	885.67		17.47
1242-2							
ret. time	11.723	11.719	11.724	11.725	11.722	11.722	
area	2121	6946	93454	156995	328078		
on column ppb response factor	6.06	19.84	96.15	448.52	937.29		12.35
1242-3							
ret. time	15.243	15.242	15.244	15.245	15.244	15.243	
area	1688	5089	26885	137729	281923		
on column ppb response factor	5.95	17.94	94.78	485.55	993.89		11.22
1242-4							
ret. time							
area							
on column ppb response factor							
1242-5							
ret. time							
area							
on column ppb response factor							
1242-6							
ret. time							
area							
on column ppb response factor							

2

AROCOR 1242
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1242 Average %RSD

Total area							
On Column ppb							
response factor							

1242-1

ret. time	10.759	10.760	10.759	10.762	10.765	10.761	7.57
area	10160	35834	194095	858174	178433		
on column ppb	5.52	19.46	105.41	466.07	937.08		
response factor							

1242-2

ret. time	12.043	12.042	12.038	12.043	12.044	12.042	11.85
area	1954	10708	51601	238964	456582		
on column ppb	4.11	22.52	108.53	502.62	960.35		
response factor							

1242-3

ret. time	14.080	14.080	14.079	14.084	14.083	14.081	16.14
area	3122	7920	51440	242078	508295		
on column ppb	6.18	15.67	101.77	478.92	1005.60		
response factor							

1242-4

ret. time							
area							
on column ppb							
response factor							

1242-5

ret. time							
area							
on column ppb							
response factor							

1242-6

ret. time							
area							
on column ppb							
response factor							

AROCOR 1248
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1248						Average	%RSD
Total area							
On Column ppb							
response factor							
1248-1							
ret. time	12.831	12.829	12.829	12.826	12.826	12.828	
area	1753	8502	42411	191966	400724		
on column ppb	4.42	21.42	106.86	483.68	1009.67		
response factor							7.83
1248-2							
ret. time	13.512	13.509	13.510	13.508	13.508	13.509	
area	2212	7583	38812	188631	411456		
on column ppb	5.53	18.97	97.11	471.97	1029.49		
response factor							4.87
1248-3							
ret. time	15.245	15.243	15.244	15.240	15.241	15.242	
area	2365	9362	50081	247843	539877		
on column ppb	4.77	18.89	101.07	500.17	1089.52		
response factor							5.75
1248-4							
ret. time	15.869	15.865	15.865	15.862	15.863	15.864	
area	1935	6936	32541	170811	382063		
on column ppb	5.43	19.45	91.26	479.23	1071.34		
response factor							7.50
1248-5							
ret. time							
area							
on column ppb							
response factor							
1248-6							
ret. time							
area							
on column ppb							
response factor							

2

AROCLOR 1248
INITIAL CALIBRATION REPORT

Date Analyzed					
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1248						Average	%RSD
Total area							
On Column ppb response factor							
1248-1							
ret. time	10.758	10.759	10.758	10.757	10.757	10.757	
area	7957	21033	123428	552872	1218030		
on column ppb response factor	6.42	16.96	99.52	445.78	982.11		16.99
1248-2							
ret. time	11.902	11.909	11.908	11.905	11.906	11.908	
area	4337	16197	86554	352548	731136		
on column ppb response factor	5.45	20.35	108.77	443.02	918.76		9.44
1248-3							
ret. time	12.793	12.788	12.791	12.791	12.791	12.790	
area	6607	24455	114265	442313	934308		
on column ppb response factor	6.00	22.21	103.77	401.69	848.49		16.97
1248-4							
ret. time	14.084	14.082	14.081	14.078	14.078	14.080	
area	5403	16857	98861	430220	936694		
on column ppb response factor	5.74	17.90	104.96	456.82	994.51		10.33
1248-5							
ret. time							
area							
on column ppb response factor							
1248-6							
ret. time							
area							
on column ppb response factor							

Turbochrom Method File : C:\DATA65\H1254228.MTH
Created by : manager on : 2/28/05 04:32 PM
Edited by : manager on : 9/12/05 02:09 PM
Description : Aroclor 1254 Calibration

Number of Times Edited : 8
Number of Times Calibrated : 94

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB

Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 µV
Area Threshold : 100.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene
Component Type : Single Peak Component
Retention Time : 7.093 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	40346.60	6885.85	-----	-----
2	20.0000	165910.51	29504.26	-----	-----
3	100.0000	1033672.97	181862.20	-----	-----

Average Calibration Factor = 8900.524820 (%RSD = 14.03)

AR1254-1

Component Type : Single Peak Component
Retention Time : 15.014 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	2566.10	523.98	-----	-----
2	20.0000	9410.85	1891.90	-----	-----
3	100.0000	60209.61	11296.25	-----	-----
4	500.0000	265780.75	49887.23	-----	-----
5	1000.0000	514557.75	93316.46	-----	-----

Average Calibration Factor = 526.395560 (%RSD = 9.11)

AR1254-2

Component Type : Single Peak Component
Retention Time : 15.949 min Search Window: 3.70 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3854.73	774.40	-----	-----
2	20.0000	12615.28	2620.56	-----	-----
3	100.0000	76042.88	15356.50	-----	-----
4	500.0000	342956.85	66197.38	-----	-----
5	1000.0000	656715.70	122926.26	-----	-----

Average Calibration Factor = 700.953687 (%RSD = 8.89)

AR1254-3

Component Type : Single Peak Component

Retention Time : 17.309 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3763.71	788.09	-----	-----
2	20.0000	13081.27	2774.98	-----	-----
3	100.0000	78430.68	16596.87	-----	-----
4	500.0000	383540.49	79477.99	-----	-----
5	1000.0000	763814.97	154977.90	-----	-----

Average Calibration Factor = 744.401699 (%RSD = 6.95)

AR1254

Component Type : Named Group

Group Members:

AR1254-4

AR1254-1

AR1254-2

AR1254-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	15026.41	2976.02	-----	-----
2	20.0000	48863.54	10109.96	-----	-----
3	100.0000	291153.28	59185.50	-----	-----
4	500.0000	1359463.22	268739.54	-----	-----
5	1000.0000	2653112.15	510160.36	-----	-----

Average Calibration Factor = 2746.406190 (%RSD = 8.05)

AR1254-4

Component Type : Single Peak Component
Retention Time : 19.063 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	4841.87	889.56	-----	-----
2	20.0000	13756.14	2822.51	-----	-----
3	100.0000	76470.11	15935.89	-----	-----
4	500.0000	367185.13	73176.94	-----	-----
5	1000.0000	718023.73	138939.75	-----	-----

Average Calibration Factor = 774.655244 (%RSD = 14.43)

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Decachlorobiphenyl

Component Type : Single Peak Component
Retention Time : 27.693 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	85323.10	15090.91	-----	-----
2	20.0000	337462.87	58132.82	-----	-----
3	100.0000	1661608.94	277115.30	-----	-----

Average Calibration Factor = 16851.284597 (%RSD = 1.34)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
342956.85	66197.38	500.0000	-----	-----	3/1/05 10:09 AM	H224041.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
656715.70	122926.26	1000.0000	-----	-----	3/1/05 10:09 AM	H224041.

Component: AR1254-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3763.71	788.09	5.0000	-----	-----	3/1/05 10:09 AM	H224037

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
13081.27	2774.98	20.0000	-----	-----	3/1/05 10:09 AM	H224038.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
78430.68	16596.87	100.0000	-----	-----	3/1/05 10:09 AM	H224039.

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
383540.49	79477.99	500.0000	-----	-----	3/1/05 10:09 AM	H224041

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
763814.97	154977.90	1000.0000	-----	-----	3/1/05 10:09 AM	H224041

Component: AR1254

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
15026.41	2976.02	5.0000	-----	-----	3/1/05 10:09 AM	H224037

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
48863.54	10109.96	20.0000	-----	-----	3/1/05 10:09 AM	H224038.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
291153.28	59185.50	100.0000	-----	-----	3/1/05 10:09 AM	H224039

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1359463.22	268739.54	500.0000	-----	-----	3/1/05 10:09 AM	H224041

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2653112.15	510160.36	1000.0000	-----	-----	3/1/05 10:09 AM	H224041

Component: AR1254-4

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
4841.87	889.56	5.0000	-----	-----	3/1/05 10:09 AM	H224039

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
13756.14	2822.51	20.0000	-----	-----	3/1/05 10:09 AM	H224039

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
76470.11	15935.89	100.0000	-----	-----	3/1/05 10:09 AM	H224039

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
367185.13	73176.94	500.0000	-----	-----	3/1/05 10:09 AM	H224041

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
718023.73	138939.75	1000.0000	-----	-----	3/1/05 10:09 AM	H224041

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85323.10	15090.91	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337462.87	58132.82	20.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1661608.94	277115.30	100.0000	-----	-----	3/1/05 11:07 AM	H224051

Turbochrom Method File : C:\DATA65\I1254228.MTH
Created by : manager on : 2/28/05 04:33 PM
Edited by : manager on : 9/13/05 11:45 AM
Description : Aroclor 1254 Calibration

Number of Times Edited : 8
Number of Times Calibrated : 95

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels
Channel A signal source: DetA Channel B signal source: DetB
Attenuation : 0 Attenuation : 0
Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He
Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 µV
Area Threshold : 100.00 µV

Peak Separation Criteria

Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria

Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1

Plot Title : Chromatogram - ECD#1

X-Axis Label : Time [min]

Y-Axis Label : Response [mV]

Orientation : Landscape

Retention Labels : Top of Plot

Component Labels : Actual Time

Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 6.178 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	110145.43	14606.38	-----	-----
2	20.0000	491614.56	65236.56	-----	-----
3	100.0000	2619574.89	336304.27	-----	-----

Average Calibration Factor = 24268.520870 (%RSD = 8.66)

AR1254-1

Component Type : Single Peak Component
Retention Time : 11.810 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3431.07	695.78	-----	-----
2	20.0000	13126.43	2623.47	-----	-----
3	100.0000	65797.67	13049.54	-----	-----
4	500.0000	299049.19	60257.09	-----	-----
5	1000.0000	574504.27	117190.70	-----	-----

Average Calibration Factor = 634.622904 (%RSD = 7.32)

AR1254-2

Component Type : Single Peak Component
Retention Time : 14.099 min Search Window: 3.70 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	7637.77	1512.51	-----	-----
2	20.0000	25367.53	5150.43	-----	-----
3	100.0000	140587.16	26446.20	-----	-----
4	500.0000	610884.14	119864.08	-----	-----
5	1000.0000	1183589.75	231932.93	-----	-----

Average Calibration Factor = 1321.431908 (%RSD = 10.79)

AR1254-3

Component Type : Single Peak Component

Retention Time : 14.762 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	8906.61	1771.03	-----	-----
2	20.0000	29777.31	6162.72	-----	-----
3	100.0000	158903.60	31410.78	-----	-----
4	500.0000	664104.60	137882.04	-----	-----
5	1000.0000	1270559.41	265711.99	-----	-----

Average Calibration Factor = 1491.598373 (%RSD = 13.78)

AR1254-4

Component Type : Single Peak Component

Retention Time : 16.288 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
------------	--------	------	--------	------------	-----------

1	5.0000	8205.27	1841.09	-----	-----
2	20.0000	29805.73	6889.56	-----	-----
3	100.0000	165245.34	36128.70	-----	-----
4	500.0000	791969.88	175888.81	-----	-----
5	1000.0000	1568356.96	354338.79	-----	-----

Average Calibration Factor = 1587.218220 (%RSD = 4.10)

AR1254

Component Type : Named Group

Group Members:

- AR1254-4
- AR1254-1
- AR1254-2
- AR1254-3

Use Average Calibration Factor (Area / Amount)

User Values:

- Label :
- Value 1: 0.000000
- Value 2: 0.000000
- Value 3: 0.000000
- Value 4: 0.000000
- Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	28180.72	5820.42	-----	-----
2	20.0000	98077.00	20826.19	-----	-----
3	100.0000	530533.77	107035.23	-----	-----
4	500.0000	2366007.82	493892.02	-----	-----
5	1000.0000	4597010.40	969174.40	-----	-----

Average Calibration Factor = 5034.871406 (%RSD = 8.52)

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Decachlorobiphenyl

Component Type : Single Peak Component

Retention Time : 26.053 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

- Label :
- Value 1: 0.000000
- Value 2: 0.000000
- Value 3: 0.000000
- Value 4: 0.000000
- Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	167697.04	41430.26	-----	-----
2	20.0000	644410.98	154046.61	-----	-----
3	100.0000	2634847.88	613665.75	-----	-----

Average Calibration Factor = 30702.812159 (%RSD = 12.47)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

110145.43 14606.38 5.0000 ----- 3/1/05 11:07 AM I224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
491614.56	65236.56	20.0000	-----	-----	3/1/05 11:07 AM	I224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2619574.89	336304.27	100.0000	-----	-----	3/1/05 11:07 AM	I224051

Component: AR1254-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3431.07	695.78	5.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
13126.43	2623.47	20.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
65797.67	13049.54	100.0000	-----	-----	3/1/05 10:35 AM	I224039

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
299049.19	60257.09	500.0000	-----	-----	3/1/05 10:35 AM	I224042

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
574504.27	117190.70	1000.0000	-----	-----	3/1/05 10:35 AM	I224043

Component: AR1254-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
7637.77	1512.51	5.0000	-----	-----	3/1/05 10:35 AM	I224038

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
25367.53	5150.43	20.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
140587.16	26446.20	100.0000	-----	-----	3/1/05 10:35 AM	I224040

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
610884.14	119864.08	500.0000	-----	-----	3/1/05 10:35 AM	I224041

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1183589.75	231932.93	1000.0000	-----	-----	3/1/05 10:35 AM	I224041

Component: AR1254-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
8906.61	1771.03	5.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
29777.31	6162.72	20.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
158903.60	31410.78	100.0000	-----	-----	3/1/05 10:35 AM	I224040

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
664104.60	137882.04	500.0000	-----	-----	3/1/05 10:35 AM	I224041

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1270559.41	265711.99	1000.0000	-----	-----	3/1/05 10:35 AM	I224041

Component: AR1254-4

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
8205.27	1841.09	5.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
29805.73	6889.56	20.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
165245.34	36128.70	100.0000	-----	-----	3/1/05 10:35 AM	I224040

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
791969.88	175888.81	500.0000	-----	-----	3/1/05 10:35 AM	I224040

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1568356.96	354338.79	1000.0000	-----	-----	3/1/05 10:35 AM	I224040

Component: AR1254

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
28180.72	5820.42	5.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
98077.00	20826.19	20.0000	-----	-----	3/1/05 10:35 AM	I224039

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
530533.77	107035.23	100.0000	-----	-----	3/1/05 10:35 AM	I224040

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2366007.82	493892.02	500.0000	-----	-----	3/1/05 10:35 AM	I224040

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
4597010.40	969174.40	1000.0000	-----	-----	3/1/05 10:35 AM	I224040

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
167697.04	41430.26	5.0000	-----	-----	3/1/05 11:07 AM	I224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
644410.98	154046.61	20.0000	-----	-----	3/1/05 11:07 AM	I224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2634847.88	613665.75	100.0000	-----	-----	3/1/05 11:07 AM	I224051

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AROCLOR 1254
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1254						Average	%RSD
Total area							
On Column ppb							
response factor							
1254-1							
ret. time	15.093	15.091	15.090	15.092	15.092	15.091	
area	2566	9411	60210	265781	514558		
on column ppb	4.87	17.88	114.38	504.91	977.51		
response factor							9.11
1254-2							
ret. time	16.027	16.024	16.025	16.027	16.027	16.026	
area	3855	12615	76043	342957	656714		
on column ppb	5.50	18.00	108.48	489.27	936.89		
response factor							8.89
1254-3							
ret. time	17.392	17.388	17.388	17.390	17.391	17.389	
area	3764	13091	78431	3835	763315		
on column ppb	5.04	17.57	105.36	515.23	1026.08		
response factor							6.95
1254-4							
ret. time	19.150	19.143	19.143	19.144	19.144	19.144	
area	4842	13756	76470	367185	718024		
on column ppb	6.25	17.74	98.72	474.00	926.89		
response factor							14.43
1254-5							
ret. time							
area							
on column ppb							
response factor							
1254-6							
ret. time							
area							
on column ppb							
response factor							

2

AROCLOR 1254
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1254						Average	%RSD
Total area							
On Column ppb							
response factor							
1254-1							
ret. time	11.910	11.907	11.910	11.908	11.906	11.908	
area	3431	13124	45798	299049	574504		
on column ppb	5.41	20.48	103.68	471.22	905.27		
response factor							7.32
1254-2							
ret. time	14.202	14.200	14.203	14.201	14.201	14.201	
area	7638	25368	140587	610884	1103590		
on column ppb	5.78	19.20	106.39	462.29	895.69		
response factor							10.79
1254-3							
ret. time	14.863	14.862	14.864	14.863	14.861	14.862	
area	8907	29777	158904	664105	1270559		
on column ppb	5.97	19.96	106.53	445.23	851.81		
response factor							13.78
1254-4							
ret. time	16.393	14.862	16.393	16.392	16.390	16.391	
area	8205	29306	165245	791970	1568357		
on column ppb	5.17	18.78	104.11	498.97	988.12		
response factor							8.52
1254-5							
ret. time							
area							
on column ppb							
response factor							
1254-6							
ret. time							
area							
on column ppb							
response factor							

2

AROCLOR 1260
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1260						Average	%RSD
Total area							
On Column ppb							
response factor							
1260-1							
ret. time	17.050	17.049	17.050	17.046	17.050	17.049	
area	8029	43534	173728	760753	1414881		
on column ppb	4.75	25.74	102.72	449.82	836.40		
response factor							17.50
1260-2							
ret. time	17.771	17.771	17.771	17.767	17.770	17.770	
area	10418	44630	195413	876395	1631920		
on column ppb	2.000	23.11	101.21	453.91	845.21		
response factor	5.40						12.56
1260-3							
ret. time	20.232	20.232	20.233	20.229	20.233	20.231	
area	9344	28591	141021	674997	1330733		
on column ppb	6.32	19.35	95.42	456.74	900.45		
response factor							15.05
1260-4							
ret. time	21.094	21.095	21.095	21.090	21.094	21.093	
area	18513	62805	310319	1513750	2930900		
on column ppb	5.82	19.75	97.56	475.90	921.78		
response factor							9.51
1260-5							
ret. time							
area							
on column ppb							
response factor							
1260-6							
ret. time							
area							
on column ppb							
response factor							

1

AROCLOL 1260
INITIAL CALIBRATION REPORT

Date Analyzed	2/24/05				
FileName					
Level (ug/L)	5	20	100	500	1000

Aroclor 1260						Average	%RSD
Total area							
On Column ppb							
response factor							
1260-1							
ret. time	18.069	18.069	18.069	18.069	18.069	18.068	
area	3867	15980	7327	369143	738460		
on column ppb	5.11	21.70	97.36	487.45	975.13		
response factor							3.49
1260-2							
ret. time	19.146	19.143	19.144	19.145	19.143	19.144	
area	6088	23532	109004	558873	1079349		
on column ppb	5.36	20.71	95.93	491.86	949.92		
response factor							5.20
1260-3							
ret. time	20.539	20.537	20.538	20.539	20.537	20.538	
area	3902	18429	68370	370225	741778		
on column ppb	5.04	23.83	88.39	478.39	959.02		
response factor							11.59
1260-4							
ret. time	22.520	22.522	22.522	22.525	22.523	22.522	
area	11245	35042	153560	875816	1793776		
on column ppb	6.19	19.29	84.54	422.15	987.62		
response factor							14.43
1260-5							
ret. time							
area							
on column ppb							
response factor							
1260-6							
ret. time							
area							
on column ppb							
response factor							

Turbochrom Method File : C:\DATA65\H1016228.MTH
Created by : manager on : 2/28/05 11:57 AM
Edited by : manager on : 8/16/05 08:57 AM
Description : Aroclor 1016 Calibration 2-28-05

Number of Times Edited : 6
Number of Times Calibrated : 93

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA

Channel B signal source: DetB

Attenuation : 0

Attenuation : 0

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl

Injection Speed : NORM

Sample Washes : 1

Viscosity Delay : 0

Sample Pumps : 5

Solvent A Washes : 3

Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF

Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD

Detector B : ECD

Range : 0

Range : 0

Autozero : OFF

Autozero : OFF

Heated Zones:

Injector A : CAP

Injector A Setpoint : 225°

Injector B : CAP

Injector B Setpoint : 225°

Detector A : 325°

Detector B : 325°

Oven Program:

Cryogenics : OFF
 Initial Temp : 150° Maximum Temp : 300°
 Initial Hold : 1.00 min Equilibration Time : 0.50 min
 Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
 PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
 Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
 Noise Threshold : 10 µV
 Area Threshold : 100.00 µV

Peak Separation Criteria

Width Ratio : 0.200
 Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria

Peak Height Ratio : 5.000
 Adjusted Height Ratio : 4.000
 Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
 Scale Factor : 1.000000

Number of Pages : 1

Plot Title : Chromatogram - ECD#1

X-Axis Label : Time [min]

Y-Axis Label : Response [mV]

Orientation : Landscape

Retention Labels : Top of Plot

Component Labels : Actual Time

Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 7.138 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Art.
1	5.0000	40346.60	6885.85	-----	-----
2	20.0000	165910.51	29504.26	-----	-----
3	100.0000	1033672.97	181862.20	-----	-----

Average Calibration Factor = 8900.524820 (%RSD = 14.03)

AR1016-1

Component Type : Single Peak Component
Retention Time : 9.690 min Search Window: 5.30 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Art.
1	5.0000	1565.25	349.48	-----	-----
2	20.0000	6575.41	1419.13	-----	-----
3	100.0000	29560.66	6130.90	-----	-----
4	500.0000	152115.52	29613.47	-----	-----
5	1000.0000	302799.68	61135.40	-----	-----

Average Calibration Factor = 308.891384 (%RSD = 4.12)

AR1016-2

Component Type : Single Peak Component
Retention Time : 11.745 min Search Window: 3.70 s, 0.00

Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3061.74	612.21	-----	-----
2	20.0000	12233.19	2649.86	-----	-----
3	100.0000	55557.31	11893.11	-----	-----
4	500.0000	308210.30	61866.96	-----	-----
5	1000.0000	607782.48	124241.06	-----	-----

Average Calibration Factor = 600.756677 (%RSD = 4.24)

AR1016

Component Type : Named Group

Group Members:

- AR1016-1
- AR1016-2
- AR1016-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	6537.50	1307.35	-----	-----
2	20.0000	24500.95	5340.86	-----	-----
3	100.0000	112327.08	23775.29	-----	-----
4	500.0000	608789.58	121618.92	-----	-----
5	1000.0000	1205473.97	245612.93	-----	-----

Average Calibration Factor = 1215.774108 (%RSD = 5.39)

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AR1016-3

Component Type : Single Peak Component

Retention Time : 13.439 min Search Window: 3.30 s, 0.20

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	1910.51	345.66	-----	-----
2	20.0000	5692.35	1271.86	-----	-----
3	100.0000	27209.12	5751.28	-----	-----
4	500.0000	148463.76	30138.48	-----	-----
5	1000.0000	294891.81	60236.47	-----	-----

Average Calibration Factor = 306.126047 (%RSD = 14.24)

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 27.786 min Search Window: 6.00 s, 0.00
 Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	85323.10	15090.91	-----	-----
2	20.0000	337462.87	58132.82	-----	-----
3	100.0000	1661608.94	277115.30	-----	-----

Average Calibration Factor = 16851.284597 (%RSD = 1.34)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
40346.60	6885.85	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
165910.51	29504.26	20.0000	-----	-----	3/1/05 11:07 AM	H224052

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1033672.97	181862.20	100.0000	-----	-----	3/1/05 11:07 AM	H224053

Component: AR1016-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1565.25	349.48	5.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

6575.41 1419.13 20.0000 ----- 2/28/05 01:01 PM H224001

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
29560.66	6130.90	100.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
152115.52	29613.47	500.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
302799.68	61135.40	1000.0000	-----	-----	2/28/05 01:01 PM	H224001

Component: AR1016-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3061.74	612.21	5.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
12233.19	2649.86	20.0000	-----	-----	2/28/05 01:01 PM	H224001

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Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
55557.31	11893.11	100.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
308210.30	61866.96	500.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
607782.48	124241.06	1000.0000	-----	-----	2/28/05 01:01 PM	H224001

Component: AR1016

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
6537.50	1307.35	5.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
24500.95	5340.86	20.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
112327.08	23775.29	100.0000	-----	-----	2/28/05 01:01 PM	H224004

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
608789.58	121618.92	500.0000	-----	-----	2/28/05 01:01 PM	H224006

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1205473.97	245612.93	1000.0000	-----	-----	2/28/05 01:01 PM	H224007

Component: AR1016-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1910.51	345.66	5.0000	-----	-----	2/28/05 01:01 PM	H224001

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
5692.35	1271.86	20.0000	-----	-----	2/28/05 01:01 PM	H224003

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
27209.12	5751.28	100.0000	-----	-----	2/28/05 01:01 PM	H224004

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
148463.76	30138.48	500.0000	-----	-----	2/28/05 01:01 PM	H224006

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
294891.81	60236.47	1000.0000	-----	-----	2/28/05 01:01 PM	H224007

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85323.10	15090.91	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337462.87	58132.82	20.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1661608.94	277115.30	100.0000	-----	-----	3/1/05 11:07 AM	H224059

Turbochrom Method File : C:\DATA65\I1016228.MTH
Created by : manager on : 2/28/05 12:00 PM
Edited by : manager on : 7/15/05 03:36 PM
Description : Aroclor 1016 Calibration 2-28-05

Number of Times Edited : 6
Number of Times Calibrated : 96

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA

Channel B signal source: DetB

Attenuation : 0

Attenuation : 0

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl

Injection Speed : NORM

Sample Washes : 1

Viscosity Delay : 0

Sample Pumps : 5

Solvent A Washes : 3

Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF

Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD

Detector B : ECD

Range : 0

Range : 0

Autozero : OFF

Autozero : OFF

Heated Zones:

Injector A : CAP

Injector A Setpoint : 225°

Injector B : CAP

Injector B Setpoint : 225°

Detector A : 325°

Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 µV
Area Threshold : 100.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene
Component Type : Single Peak Component
Retention Time : 6.255 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	110145.43	14606.38	-----	-----
2	20.0000	491614.56	65236.56	-----	-----
3	100.0000	2619574.89	336304.27	-----	-----

Average Calibration Factor = 24268.520870 (%RSD = 8.66)

AR1016

Component Type : Named Group
Group Members:
AR1016-1
AR1016-2
AR1016-3

Use Average Calibration Factor (Area / Amount)

User Values:
Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	19623.48	3031.36	-----	-----
2	20.0000	83682.43	11992.38	-----	-----
3	100.0000	350727.72	52955.31	-----	-----
4	500.0000	1790036.45	260954.31	-----	-----
5	1000.0000	3426343.20	507423.72	-----	-----

Average Calibration Factor = 3724.502121 (%RSD = 8.58)

AR1016-1

Component Type : Single Peak Component
 Retention Time : 10.732 min Search Window: 5.30 s, 0.00
 Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	12297.68	1608.27	-----	-----
2	20.0000	53913.22	6504.41	-----	-----
3	100.0000	220802.81	28787.45	-----	-----
4	500.0000	1110189.96	142095.83	-----	-----
5	1000.0000	2121564.14	275877.90	-----	-----

Average Calibration Factor = 2341.033722 (%RSD = 10.02)

AR1016-2

Component Type : Single Peak Component
 Retention Time : 12.011 min Search Window: 3.70 s, 0.00
 Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3304.87	739.96	-----	-----
2	20.0000	14348.72	2889.97	-----	-----
3	100.0000	58732.87	12236.17	-----	-----
4	500.0000	295678.92	57889.89	-----	-----
5	1000.0000	546312.01	110612.51	-----	-----

Average Calibration Factor = 620.681835 (%RSD = 10.95)

AR1016-3

Component Type : Single Peak Component
 Retention Time : 13.164 min Search Window: 3.30 s, 0.20
 Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	4020.93	683.12	-----	-----
2	20.0000	15420.49	2598.00	-----	-----
3	100.0000	71192.05	11931.69	-----	-----
4	500.0000	384167.57	60968.59	-----	-----
5	1000.0000	758467.05	120933.30	-----	-----

Average Calibration Factor = 762.786564 (%RSD = 4.36)

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 26.165 min Search Window: 6.00 s, 0.00
 Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	167697.04	41430.26	-----	-----
2	20.0000	644410.98	154046.61	-----	-----
3	100.0000	2634847.88	613665.75	-----	-----

Average Calibration Factor = 30702.812159 (%RSD = 12.47)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
110145.43	14606.38	5.0000	-----	-----	3/1/05 11:07 AM	I224052

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
491614.56	65236.56	20.0000	-----	-----	3/1/05 11:07 AM	I224053

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2619574.89	336304.27	100.0000	-----	-----	3/1/05 11:07 AM	I224054

Component: AR1016

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
19623.48	3031.36	5.0000	-----	-----	2/28/05 01:18 PM	I224055

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
350727.72	52955.31	100.0000	-----	-----	2/28/05 01:18 PM	I224005

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1790036.45	260954.31	500.0000	-----	-----	2/28/05 01:18 PM	I224007.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3426343.20	507423.72	1000.0000	-----	-----	2/28/05 01:18 PM	I224008.

Component: AR1016-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
12297.68	1608.27	5.0000	-----	-----	2/28/05 01:18 PM	I224009

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
53913.22	6504.41	20.0000	-----	-----	2/28/05 01:18 PM	I224004

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
220802.81	28787.45	100.0000	-----	-----	2/28/05 01:18 PM	I224005.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1110189.96	142095.83	500.0000	-----	-----	2/28/05 01:18 PM	I224007

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2121564.14	275877.90	1000.0000	-----	-----	2/28/05 01:18 PM	I224008

Component: AR1016-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3304.87	739.96	5.0000	-----	-----	2/28/05 01:18 PM	I224009.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
14348.72	2889.97	20.0000	-----	-----	2/28/05 01:18 PM	I224004.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
58732.87	12236.17	100.0000	-----	-----	2/28/05 01:18 PM	I2240051

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
295678.92	57889.89	500.0000	-----	-----	2/28/05 01:18 PM	I2240051

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
546312.01	110612.51	1000.0000	-----	-----	2/28/05 01:18 PM	I2240051

Component: AR1016-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
4020.93	683.12	5.0000	-----	-----	2/28/05 01:18 PM	I2240051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
15420.49	2598.00	20.0000	-----	-----	2/28/05 01:18 PM	I2240051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
71192.05	11931.69	100.0000	-----	-----	2/28/05 01:18 PM	I2240051

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
384167.57	60968.59	500.0000	-----	-----	2/28/05 01:18 PM	I2240051

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
758467.05	120933.30	1000.0000	-----	-----	2/28/05 01:18 PM	I2240051

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
167697.04	41430.26	5.0000	-----	-----	3/1/05 11:07 AM	I2240051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
644410.98	154046.61	20.0000	-----	-----	3/1/05 11:07 AM	I2240051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2634847.88	613665.75	100.0000	-----	-----	3/1/05 11:07 AM	I224054.

Turbochrom Method File : C:\DATA65\H1221228.MTH
Created by : manager on : 2/28/05 01:20 PM
Edited by : manager on : 3/3/05 05:34 PM
Description : Aroclor 1221 Calibration

Number of Times Edited : 7
Number of Times Calibrated : 94

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB
Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He
Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics	: OFF	Maximum Temp	: 300°
Initial Temp	: 150°	Equilibration Time	: 0.50 min
Initial Hold	: 1.00 min		
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min			

Total Run Time : 32.00 min

Timed Events:

PA	set to OFF at 0.10 min
PB	set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A	-- Pages: 1	Offset: 0.000 mV	Scale: 500.000 mV
Channel B	-- Pages: 1	Offset: 0.000 mV	Scale: 500.000 mV

Processing Parameters :

Bunch Factor	: 3 points
Noise Threshold	: 10 µV
Area Threshold	: 100.00 µV

Peak Separation Criteria

Width Ratio	: 0.200
Valley-to-Peak Ratio	: 0.050

Exponential Skim Criteria

Peak Height Ratio	: 5.000
Adjusted Height Ratio	: 4.000
Valley Height Ratio	: 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically

Scale Factor	: 1.000000
--------------	------------

Number of Pages : 1

Plot Title : Chromatogram - ECD#1

X-Axis Label : Time [min]

Y-Axis Label : Response [mV]

Orientation : Landscape

Retention Labels : Top of Plot

Component Labels : Actual Time

Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 7.138 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Art.
1	5.0000	40346.60	6885.85	-----	-----
2	20.0000	165910.51	29504.26	-----	-----
3	100.0000	1033672.97	181862.20	-----	-----

Average Calibration Factor = 8900.524820 (%RSD = 14.03)

AR1221-1

Component Type : Single Peak Component
Retention Time : 7.836 min Search Window: 3.70 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Art.
1	20.0000	2195.54	310.98	-----	-----
2	100.0000	12677.79	1799.54	-----	-----
3	250.0000	31956.94	4242.79	-----	-----
4	500.0000	62000.58	8308.52	-----	-----
5	1000.0000	142261.64	18607.91	-----	-----

Average Calibration Factor = 126.129058 (%RSD = 9.17)

AR1221-2

Component Type : Single Peak Component
Retention Time : 8.107 min Search Window: 6.00 s, 0.00 s

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	20.0000	1982.47	316.29	-----	-----
2	100.0000	9860.58	1637.10	-----	-----
3	250.0000	25785.77	3928.95	-----	-----
4	500.0000	50200.26	7626.33	-----	-----
5	1000.0000	112583.79	16742.71	-----	-----

Average Calibration Factor = 102.771349 (%RSD = 5.60)

AR1221

Component Type : Named Group

Group Members:

AR1221-1
AR1221-2
AR1221-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	20.0000	11446.68	1465.71	-----	-----
2	100.0000	51459.36	7758.55	-----	-----
3	250.0000	131222.76	17943.25	-----	-----
4	500.0000	256104.87	34527.57	-----	-----
5	1000.0000	569936.04	74794.72	-----	-----

Average Calibration Factor = 538.792876 (%RSD = 5.55)

AR1221-3

Component Type : Single Peak Component

Retention Time : 8.420 min Search Window: 3.20 s, 0.00 s

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	20.0000	9251.14	1154.73	-----	-----
2	100.0000	38781.57	5959.01	-----	-----
3	250.0000	99265.82	13700.46	-----	-----
4	500.0000	194104.29	26219.06	-----	-----
5	1000.0000	427674.40	56186.81	-----	-----

Average Calibration Factor = 412.663817 (%RSD = 7.83)

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 27.786 min Search Window: 6.00 s, 0.00
 Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	85323.10	15090.91	-----	-----
2	20.0000	337462.87	58132.82	-----	-----
3	100.0000	1661608.94	277115.30	-----	-----

Average Calibration Factor = 16851.284597 (%RSD = 1.34)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
40346.60	6885.85	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
165910.51	29504.26	20.0000	-----	-----	3/1/05 11:07 AM	H224052

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1033672.97	181862.20	100.0000	-----	-----	3/1/05 11:07 AM	H224053

Component: AR1221-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2195.54	310.98	20.0000	-----	-----	2/28/05 01:41 PM	H224010

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

12677.79 1799.54 100.0000 ----- 2/28/05 01:41 PM H224011.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
31956.94	4242.79	250.0000	-----	-----	2/28/05 01:41 PM	H224011.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
62000.58	8308.52	500.0000	-----	-----	2/28/05 01:41 PM	H224011.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
142261.64	18607.91	1000.0000	-----	-----	2/28/05 01:41 PM	H224011.

Component: AR1221-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1982.47	316.29	20.0000	-----	-----	2/28/05 01:41 PM	H224011.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
9860.58	1637.10	100.0000	-----	-----	2/28/05 01:41 PM	H224011.

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Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
25785.77	3928.95	250.0000	-----	-----	2/28/05 01:41 PM	H224011.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
50200.26	7626.33	500.0000	-----	-----	2/28/05 01:41 PM	H224011.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
112583.79	16742.71	1000.0000	-----	-----	2/28/05 01:41 PM	H224011.

Component: AR1221

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
11446.68	1465.71	20.0000	-----	-----	2/28/05 01:41 PM	H224011.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
51459.36	7758.55	100.0000	-----	-----	2/28/05 01:41 PM	H224011.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
131222.76	17943.25	250.0000	-----	-----	2/28/05 01:41 PM	H224011

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
256104.87	34527.57	500.0000	-----	-----	2/28/05 01:41 PM	H224011

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
569936.04	74794.72	1000.0000	-----	-----	2/28/05 01:41 PM	H224011

Component: AR1221-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
9251.14	1154.73	20.0000	-----	-----	2/28/05 01:41 PM	H224011

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
38781.57	5959.01	100.0000	-----	-----	2/28/05 01:41 PM	H224011

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
99265.82	13700.46	250.0000	-----	-----	2/28/05 01:41 PM	H224011

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
194104.29	26219.06	500.0000	-----	-----	2/28/05 01:41 PM	H224011

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
427674.40	56186.81	1000.0000	-----	-----	2/28/05 01:41 PM	H224011

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85323.10	15090.91	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337462.87	58132.82	20.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1661608.94	277115.30	100.0000	-----	-----	3/1/05 11:07 AM	H224653

Turbochrom Method File : C:\DATA65\I1221228.MTH
Created by : manager on : 2/28/05 01:20 PM
Edited by : manager on : 3/1/05 11:46 AM
Description : Aroclor 1221 Calibration

Number of Times Edited : 7
Number of Times Calibrated : 93

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA

Channel B signal source: DetB

Attenuation : 0

Attenuation : 0

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl

Injection Speed : NORM

Sample Washes : 1

Viscosity Delay : 0

Sample Pumps : 5

Solvent A Washes : 3

Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF

Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD

Detector B : ECD

Range : 0

Range : 0

Autozero : OFF

Autozero : OFF

Heated Zones:

Injector A : CAP

Injector A Setpoint : 225°

Injector B : CAP

Injector B Setpoint : 225°

Detector A : 325°

Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 µV
Area Threshold : 100.00 µV

Peak Separation Criteria

Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria

Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 6.255 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	110145.43	14606.38	-----	-----
2	20.0000	491614.56	65236.56	-----	-----
3	100.0000	2619574.89	336304.27	-----	-----

Average Calibration Factor = 24268.520870 (%RSD = 8.66)

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AR1221-1

Component Type : Single Peak Component
Retention Time : 7.236 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	20.0000	6974.68	1050.50	-----	-----
2	100.0000	32070.40	4958.47	-----	-----
3	250.0000	78304.10	10897.00	-----	-----
4	500.0000	146489.81	21035.37	-----	-----
5	1000.0000	341108.48	49540.35	-----	-----

Average Calibration Factor = 323.348482 (%RSD = 6.90)

AR1221-2

Component Type : Single Peak Component
Retention Time : 7.695 min Search Window: 3.70 s, 0.00 s

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	20.0000	4627.64	761.94	-----	-----
2	100.0000	21905.32	3733.43	-----	-----
3	250.0000	48009.89	8083.68	-----	-----
4	500.0000	90619.70	15372.77	-----	-----
5	1000.0000	208690.71	35807.43	-----	-----

Average Calibration Factor = 206.481001 (%RSD = 9.77)

AR1221

Component Type : Named Group

Group Members:

AR1221-1

AR1221-2

AR1221-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	20.0000	30224.77	4620.73	-----	-----
2	100.0000	157229.24	21829.24	-----	-----
3	250.0000	359375.28	47041.61	-----	-----
4	500.0000	677028.99	88748.22	-----	-----
5	1000.0000	1525949.08	202157.29	-----	-----

Average Calibration Factor = 1480.207851 (%RSD = 5.78)

AR1221-3

Component Type : Single Peak Component

Retention Time : 7.891 min Search Window: 3.20 s, 0.00 s

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
78304.10	10897.00	250.0000	-----	-----	2/28/05 01:51 PM	I224011.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
146489.81	21035.37	500.0000	-----	-----	2/28/05 01:51 PM	I224011.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
341108.48	49540.35	1000.0000	-----	-----	2/28/05 01:51 PM	I224011.

Component: AR1221-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
4627.64	761.94	20.0000	-----	-----	2/28/05 01:51 PM	I224011.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
21905.32	3733.43	100.0000	-----	-----	2/28/05 01:51 PM	I224011.

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Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
48009.89	8083.68	250.0000	-----	-----	2/28/05 01:51 PM	I224011.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
90619.70	15372.77	500.0000	-----	-----	2/28/05 01:51 PM	I224011.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
208690.71	35807.43	1000.0000	-----	-----	2/28/05 01:51 PM	I224011.

Component: AR1221

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
30224.77	4620.73	20.0000	-----	-----	2/28/05 01:51 PM	I224011.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
157229.24	21829.24	100.0000	-----	-----	2/28/05 01:51 PM	I224011.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
359375.28	47041.61	250.0000	-----	-----	2/28/05 01:51 PM	I224019

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
677028.99	88748.22	500.0000	-----	-----	2/28/05 01:51 PM	I224019

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1525949.08	202157.29	1000.0000	-----	-----	2/28/05 01:51 PM	I224019

Component: AR1221-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
18622.45	2808.30	20.0000	-----	-----	2/28/05 01:51 PM	I224019

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
103253.52	13137.34	100.0000	-----	-----	2/28/05 01:51 PM	I224019

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
233061.30	28060.93	250.0000	-----	-----	2/28/05 01:51 PM	I224019

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
439919.48	52340.08	500.0000	-----	-----	2/28/05 01:51 PM	I224019

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
976149.89	116809.51	1000.0000	-----	-----	2/28/05 01:51 PM	I224019

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
167697.04	41430.26	5.0000	-----	-----	3/1/05 11:07 AM	I224059

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
644410.98	154046.61	20.0000	-----	-----	3/1/05 11:07 AM	I224059

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2634847.88	613665.75	100.0000	-----	-----	3/1/05 11:07 AM	I224054

Turbochrom Method File : C:\DATA65\H1232228.MTH
Created by : manager on : 2/28/05 01:52 PM
Edited by : manager on : 8/15/05 03:53 PM
Description : Aroclor 1232 Calibration

Number of Times Edited : 4
Number of Times Calibrated : 91

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB
Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics : OFF
 Initial Temp : 150° Maximum Temp : 300°
 Initial Hold : 1.00 min Equilibration Time : 0.50 min
 Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
 PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
 Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
 Noise Threshold : 10 µV
 Area Threshold : 100.00 µV

Peak Separation Criteria

Width Ratio : 0.200
 Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria

Peak Height Ratio : 5.000
 Adjusted Height Ratio : 4.000
 Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
 Scale Factor : 1.000000

Number of Pages : 1
 Plot Title : Chromatogram - ECD#1
 X-Axis Label : Time [min]
 Y-Axis Label : Response [mV]
 Orientation : Landscape
 Retention Labels : Top of Plot
 Component Labels : Actual Time
 Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 7.138 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	40346.60	6885.85	-----	-----
2	20.0000	165910.51	29504.26	-----	-----
3	100.0000	1033672.97	181862.20	-----	-----

Average Calibration Factor = 8900.524820 (%RSD = 14.03)

AR1232-1

Component Type : Single Peak Component
Retention Time : 8.363 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	1855.12	294.07	-----	-----
2	20.0000	9335.51	1189.01	-----	-----
3	100.0000	31173.43	4498.10	-----	-----
4	500.0000	168981.62	22621.67	-----	-----
5	1000.0000	306791.01	45224.72	-----	-----

Average Calibration Factor = 358.857641 (%RSD = 18.25)

AR1232-2

Component Type : Single Peak Component
Retention Time : 11.746 min Search Window: 3.70 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	802.49	187.03	-----	-----
2	20.0000	4750.39	992.75	-----	-----
3	100.0000	22080.20	4399.66	-----	-----
4	500.0000	112763.53	22461.66	-----	-----
5	1000.0000	223628.90	46165.83	-----	-----

Average Calibration Factor = 213.595128 (%RSD = 14.21)

AR1232

Component Type : Named Group

Group Members:

AR1232-1
AR1232-2
AR1232-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3120.03	598.51	-----	-----
2	20.0000	17083.96	2717.97	-----	-----
3	100.0000	64060.15	11114.28	-----	-----
4	500.0000	337290.98	56363.30	-----	-----
5	1000.0000	642219.00	114276.53	-----	-----

Average Calibration Factor = 687.121341 (%RSD = 13.85)

AR1232-3

Component Type : Single Peak Component

Retention Time : 13.437 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	462.42	117.41	-----	-----
2	20.0000	2998.07	536.21	-----	-----
3	100.0000	10806.52	2216.52	-----	-----
4	500.0000	55545.82	11279.98	-----	-----
5	1000.0000	111799.09	22885.98	-----	-----

Average Calibration Factor = 114.668573 (%RSD = 18.49)

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 27.786 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)

User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	85323.10	15090.91	-----	-----
2	20.0000	337462.87	58132.82	-----	-----
3	100.0000	1661608.94	277115.30	-----	-----

Average Calibration Factor = 16851.284597 (%RSD = 1.34)

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Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
40346.60	6885.85	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
165910.51	29504.26	20.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1033672.97	181862.20	100.0000	-----	-----	3/1/05 11:07 AM	H224051

Component: AR1232-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1855.12	294.07	5.0000	-----	-----	2/28/05 02:19 PM	H224016

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
31173.43	4498.10	100.0000	-----	-----	2/28/05 02:19 PM	H224018

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
168981.62	22621.67	500.0000	-----	-----	2/28/05 02:19 PM	H224009

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
306791.01	45224.72	1000.0000	-----	-----	2/28/05 02:19 PM	H224001

Component: AR1232-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
802.49	187.03	5.0000	-----	-----	2/28/05 02:19 PM	H224016

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
4750.39	992.75	20.0000	-----	-----	2/28/05 02:19 PM	H224017

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Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
22080.20	4399.66	100.0000	-----	-----	2/28/05 02:19 PM	H224018

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
112763.53	22461.66	500.0000	-----	-----	2/28/05 02:19 PM	H224009

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
223628.90	46165.83	1000.0000	-----	-----	2/28/05 02:19 PM	H224001

Component: AR1232

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3120.03	598.51	5.0000	-----	-----	2/28/05 02:19 PM	H224016

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
17083.96	2717.97	20.0000	-----	-----	2/28/05 02:19 PM	H224017

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
64060.15	11114.28	100.0000	-----	-----	2/28/05 02:19 PM	H224018

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337290.98	56363.30	500.0000	-----	-----	2/28/05 02:19 PM	H224020

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
642219.00	114276.53	1000.0000	-----	-----	2/28/05 02:19 PM	H224021

Component: AR1232-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
462.42	117.41	5.0000	-----	-----	2/28/05 02:19 PM	H224018

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2998.07	536.21	20.0000	-----	-----	2/28/05 02:19 PM	H224018

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
10806.52	2216.52	100.0000	-----	-----	2/28/05 02:19 PM	H224018

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
55545.82	11279.98	500.0000	-----	-----	2/28/05 02:19 PM	H224020

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
111799.09	22885.98	1000.0000	-----	-----	2/28/05 02:19 PM	H224021

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85323.10	15090.91	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337462.87	58132.82	20.0000	-----	-----	3/1/05 11:07 AM	H224052

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1661608.94	277115.30	100.0000	-----	-----	3/1/05 11:07 AM	H22409:

Turbochrom Method File : C:\DATA65\I1232228.MTH
Created by : manager on : 2/28/05 01:53 PM
Edited by : manager on : 3/1/05 11:46 AM
Description : Aroclor 1232 Calibration

Number of Times Edited : 3
Number of Times Calibrated : 93

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB

Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl

Sample Washes : 1

Sample Pumps : 5

Solvent B Washes : 3

Injection Speed : NORM

Viscosity Delay : 0

Solvent A Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF

Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD

Range : 0

Autozero : OFF

Detector B : ECD

Range : 0

Autozero : OFF

Heated Zones:

Injector A : CAP

Injector A Setpoint : 225°

Injector B : CAP

Injector B Setpoint : 225°

Detector A : 325°

Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 μ V
Area Threshold : 100.00 μ V

Peak Separation Criteria

Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria

Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1

Plot Title : Chromatogram - ECD#1

X-Axis Label : Time [min]

Y-Axis Label : Response [mV]

Orientation : Landscape

Retention Labels : Top of Plot

Component Labels : Actual Time

Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 6.255 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Art.
1	5.0000	110145.43	14606.38	-----	-----
2	20.0000	491614.56	65236.56	-----	-----
3	100.0000	2619574.89	336304.27	-----	-----

Average Calibration Factor = 24268.520870 (%RSD = 8.66)

AR1232-1

Component Type : Single Peak Component
Retention Time : 7.889 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Art.
1	5.0000	3435.25	651.75	-----	-----
2	20.0000	17006.60	2284.28	-----	-----
3	100.0000	80091.86	9842.02	-----	-----
4	500.0000	384494.36	48555.76	-----	-----
5	1000.0000	754758.83	94014.61	-----	-----

Average Calibration Factor = 772.409257 (%RSD = 7.79)

AR1232

Component Type : Named Group
Group Members:

AR1232-1
AR1232-2
AR1232-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	9719.99	1709.43	-----	-----
2	20.0000	41262.62	5766.64	-----	-----
3	100.0000	187542.54	24852.82	-----	-----
4	500.0000	926214.36	125275.88	-----	-----
5	1000.0000	1868224.17	248604.93	-----	-----

Average Calibration Factor = 1920.641492 (%RSD = 4.53)

AR1232-2

Component Type : Single Peak Component
Retention Time : 10.759 min Search Window: 3.70 s, 0.00
Reference Component:

Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	4665.76	742.98	-----	-----
2	20.0000	18980.46	2384.72	-----	-----
3	100.0000	85741.70	10604.21	-----	-----
4	500.0000	433058.28	54789.90	-----	-----
5	1000.0000	895182.69	110887.73	-----	-----

Average Calibration Factor = 900.178440 (%RSD = 4.47)

AR1232-3

Component Type : Single Peak Component
Retention Time : 12.040 min Search Window: 3.20 s, 0.00
Reference Component:

Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	1618.98	314.71	-----	-----
2	20.0000	5275.56	1097.64	-----	-----
3	100.0000	21708.97	4406.59	-----	-----
4	500.0000	108661.72	21930.22	-----	-----
5	1000.0000	218282.65	43702.59	-----	-----

Average Calibration Factor = 248.053795 (%RSD = 18.88)

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 26.165 min Search Window: 6.00 s, 0.00
 Reference Component:
 Find peak closest to expected RT in window
 Use Average Calibration Factor (Area / Amount)
 User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	167697.04	41430.26	-----	-----
2	20.0000	644410.98	154046.61	-----	-----
3	100.0000	2634847.88	613665.75	-----	-----

Average Calibration Factor = 30702.812159 (%RSD = 12.47)

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Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
110145.43	14606.38	5.0000	-----	-----	3/1/05 11:07 AM	I224050

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
491614.56	65236.56	20.0000	-----	-----	3/1/05 11:07 AM	I224050

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2619574.89	336304.27	100.0000	-----	-----	3/1/05 11:07 AM	I224050

Component: AR1232-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3435.25	651.75	5.0000	-----	-----	2/28/05 02:34 PM	I224017

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

17006.60 2284.28 20.0000 ----- 2/28/05 02:34 PM I224019

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
80091.86	9842.02	100.0000	-----	-----	2/28/05 02:34 PM	I224019

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
384494.36	48555.76	500.0000	-----	-----	2/28/05 02:34 PM	I224021

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
754758.83	94014.61	1000.0000	-----	-----	2/28/05 02:34 PM	I224022

Component: AR1232

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
9719.99	1709.43	5.0000	-----	-----	2/28/05 02:34 PM	I224017

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
41262.62	5766.64	20.0000	-----	-----	2/28/05 02:34 PM	I224018

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Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
187542.54	24852.82	100.0000	-----	-----	2/28/05 02:34 PM	I224019

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
926214.36	125275.88	500.0000	-----	-----	2/28/05 02:34 PM	I224021

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1868224.17	248604.93	1000.0000	-----	-----	2/28/05 02:34 PM	I224022

Component: AR1232-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
4665.76	742.98	5.0000	-----	-----	2/28/05 02:34 PM	I224017

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
18980.46	2384.72	20.0000	-----	-----	2/28/05 02:34 PM	I224018

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85741.70	10604.21	100.0000	-----	-----	2/28/05 02:34 PM	I224019.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
433058.28	54789.90	500.0000	-----	-----	2/28/05 02:34 PM	I224011.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
895182.69	110887.73	1000.0000	-----	-----	2/28/05 02:34 PM	I224011.

Component: AR1232-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1618.98	314.71	5.0000	-----	-----	2/28/05 02:34 PM	I224017.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
5275.56	1097.64	20.0000	-----	-----	2/28/05 02:34 PM	I224019.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
21708.97	4406.59	100.0000	-----	-----	2/28/05 02:34 PM	I224019.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
108661.72	21930.22	500.0000	-----	-----	2/28/05 02:34 PM	I224011.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
218282.65	43702.59	1000.0000	-----	-----	2/28/05 02:34 PM	I224011.

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
167697.04	41430.26	5.0000	-----	-----	3/1/05 11:07 AM	I224058.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
644410.98	154046.61	20.0000	-----	-----	3/1/05 11:07 AM	I224058.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2634847.88	613665.75	100.0000	-----	-----	3/1/05 11:07 AM	I224654.

Turbochrom Method File : C:\DATA65\H1242228.MTH
Created by : manager on : 2/28/05 02:34 PM
Edited by : manager on : 9/12/05 06:10 PM
Description : Aroclor 1242 Calibration

Number of Times Edited : 11
Number of Times Calibrated : 93

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB
Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 µV
Area Threshold : 100.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 7.092 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	40346.60	6885.85	-----	-----
2	20.0000	165910.51	29504.26	-----	-----
3	100.0000	1033672.97	181862.20	-----	-----

Average Calibration Factor = 8900.524820 (%RSD = 14.03)

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AR1242-1

Component Type : Single Peak Component
Retention Time : 9.695 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	1713.92	381.09	-----	-----
2	20.0000	5462.36	1172.85	-----	-----
3	100.0000	24635.24	4867.13	-----	-----
4	500.0000	114867.35	22027.14	-----	-----
5	1000.0000	235067.85	46513.71	-----	-----

Average Calibration Factor = 265.411416 (%RSD = 17.47)

AR1242-2

Component Type : Single Peak Component
Retention Time : 11.661 min Search Window: 3.70 s, 0.00 s

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	2121.10	502.99	-----	-----
2	20.0000	6946.21	1672.02	-----	-----
3	100.0000	33653.86	7720.38	-----	-----
4	500.0000	156995.50	35959.45	-----	-----
5	1000.0000	328077.58	74382.45	-----	-----

Average Calibration Factor = 350.027617 (%RSD = 12.35)

AR1242

Component Type : Named Group

Group Members:

AR1242-1

AR1242-2

AR1242-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	5523.06	1228.06	-----	-----
2	20.0000	17497.37	3949.52	-----	-----
3	100.0000	85174.26	18201.06	-----	-----
4	500.0000	409592.14	85750.43	-----	-----
5	1000.0000	845068.84	176934.45	-----	-----

Average Calibration Factor = 899.095380 (%RSD = 12.97)

AR1242-3

Component Type : Single Peak Component

Retention Time : 15.178 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	1688.04	343.98	-----	-----
2	20.0000	5088.81	1104.64	-----	-----
3	100.0000	26885.17	5613.56	-----	-----
4	500.0000	137729.29	27763.84	-----	-----
5	1000.0000	281923.41	56038.29	-----	-----

Average Calibration Factor = 283.656346 (%RSD = 11.22)

Decachlorobiphenyl

Component Type : Single Peak Component
 Retention Time : 27.693 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
 Value 1: 0.000000
 Value 2: 0.000000
 Value 3: 0.000000
 Value 4: 0.000000
 Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	85323.10	15090.91	-----	-----
2	20.0000	337462.87	58132.82	-----	-----
3	100.0000	1661608.94	277115.30	-----	-----

Average Calibration Factor = 16851.284597 (%RSD = 1.34)

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Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
40346.60	6885.85	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
165910.51	29504.26	20.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1033672.97	181862.20	100.0000	-----	-----	3/1/05 11:07 AM	H224051

Component: AR1242-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1713.92	381.09	5.0000	-----	-----	2/28/05 02:55 PM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

Level : 3

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
24635.24	4867.13	100.0000		-----	-----	2/28/05 02:55 PM	H224014

Level : 4

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
114867.35	22027.14	500.0000		-----	-----	2/28/05 02:55 PM	H224014

Level : 5

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
235067.85	46513.71	1000.0000		-----	-----	2/28/05 02:55 PM	H224014

Component: AR1242-2

Level : 1

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2121.10	502.99	5.0000		-----	-----	2/28/05 02:55 PM	H224014

Level : 2

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
6946.21	1672.02	20.0000		-----	-----	2/28/05 02:55 PM	H224014

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Level : 3

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
33653.86	7720.38	100.0000		-----	-----	2/28/05 02:55 PM	H224014

Level : 4

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
156995.50	35959.45	500.0000		-----	-----	2/28/05 02:55 PM	H224014

Level : 5

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
328077.58	74382.45	1000.0000		-----	-----	2/28/05 02:55 PM	H224014

Component: AR1242

Level : 1

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
5523.06	1228.06	5.0000		-----	-----	2/28/05 02:55 PM	H224014

Level : 2

Area	Height	Vol	Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
17497.37	3949.52	20.0000		-----	-----	2/28/05 02:55 PM	H224014

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85174.26	18201.06	100.0000	-----	-----	2/28/05 02:55 PM	H224009

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
409592.14	85750.43	500.0000	-----	-----	2/28/05 02:55 PM	H224009

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
845068.84	176934.45	1000.0000	-----	-----	2/28/05 02:55 PM	H224009

Component: AR1242-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1688.04	343.98	5.0000	-----	-----	2/28/05 02:55 PM	H224009

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
5088.81	1104.64	20.0000	-----	-----	2/28/05 02:55 PM	H224009

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
26885.17	5613.56	100.0000	-----	-----	2/28/05 02:55 PM	H224009

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
137729.29	27763.84	500.0000	-----	-----	2/28/05 02:55 PM	H224009

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
281923.41	56038.29	1000.0000	-----	-----	2/28/05 02:55 PM	H224009

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Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85323.10	15090.91	5.0000	-----	-----	3/1/05 11:07 AM	H224050

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337462.87	58132.82	20.0000	-----	-----	3/1/05 11:07 AM	H224050

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1661608.94	277115.30	100.0000	-----	-----	3/1/05 11:07 AM	H224058

Turbochrom Method File : C:\DATA65\I1242228.MTH
Created by : manager on : 2/28/05 02:35 PM
Edited by : manager on : 9/12/05 06:38 PM
Description : Aroclor 1242 Calibration

Number of Times Edited : 10
Number of Times Calibrated : 101

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB
Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 μV
Area Threshold : 100.00 μV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 6.255 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	110145.43	14606.38	-----	-----
2	20.0000	491614.56	65236.56	-----	-----
3	100.0000	2619574.89	336304.27	-----	-----

Average Calibration Factor = 24268.520870 (%RSD = 8.66)

AR1242-1

Component Type : Single Peak Component
Retention Time : 10.732 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	10160.00	1402.85	-----	-----
2	20.0000	35833.71	4577.42	-----	-----
3	100.0000	194094.97	23711.44	-----	-----
4	500.0000	858174.21	108734.60	-----	-----
5	1000.0000	1725433.31	225850.04	-----	-----

Average Calibration Factor = 1841.283217 (%RSD = 7.57)

AR1242

Component Type : Named Group
Group Members:

AR1242-1

AR1242-2

AR1242-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	ISTD Conc.
1	5.0000	15238.60	2600.59	-----	-----	-----
2	20.0000	54461.64	8611.35	-----	-----	-----
3	100.0000	297136.43	45043.77	-----	-----	-----
4	500.0000	1339216.83	206370.93	-----	-----	-----
5	1000.0000	2690310.57	430077.14	-----	-----	-----

Average Calibration Factor = 2822.182067 (%RSD = 6.16)

AR1242-2

Component Type : Single Peak Component
Retention Time : 11.942 min Search Window: 3.70 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

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Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.	ISTD Conc.
1	5.0000	1956.22	520.50	-----	-----	-----
2	20.0000	10708.20	2152.31	-----	-----	-----
3	100.0000	51601.00	10371.50	-----	-----	-----
4	500.0000	238964.49	46638.21	-----	-----	-----
5	1000.0000	456581.95	93096.75	-----	-----	-----

Average Calibration Factor = 475.435109 (%RSD = 11.85)

AR1242-3

Component Type : Single Peak Component
Retention Time : 14.120 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
194094.97	23711.44	100.0000	-----	-----	2/28/05 03:15 PM	I224025.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
858174.21	108734.60	500.0000	-----	-----	2/28/05 03:15 PM	I224025.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1725433.31	225850.04	1000.0000	-----	-----	2/28/05 03:15 PM	I224025.

Component: AR1242

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
15238.60	2600.59	5.0000	-----	-----	2/28/05 03:15 PM	I224025.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
54461.64	8611.35	20.0000	-----	-----	2/28/05 03:15 PM	I224025.

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Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
297136.43	45043.77	100.0000	-----	-----	2/28/05 03:15 PM	I224025.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1339216.83	206370.93	500.0000	-----	-----	2/28/05 03:15 PM	I224025.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2690310.57	430077.14	1000.0000	-----	-----	2/28/05 03:15 PM	I224025.

Component: AR1242-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1956.22	520.50	5.0000	-----	-----	2/28/05 03:15 PM	I224025.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
10708.20	2152.31	20.0000	-----	-----	2/28/05 03:15 PM	I224025.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
51601.00	10371.50	100.0000	-----	-----	2/28/05 03:15 PM	I224024

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
238964.49	46638.21	500.0000	-----	-----	2/28/05 03:15 PM	I224024

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
456581.95	93096.75	1000.0000	-----	-----	2/28/05 03:15 PM	I224024

Component: AR1242-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3122.38	677.23	5.0000	-----	-----	2/28/05 03:15 PM	I224024

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
7919.73	1881.62	20.0000	-----	-----	2/28/05 03:15 PM	I224024

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
51440.45	10960.83	100.0000	-----	-----	2/28/05 03:15 PM	I224024

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
242078.13	50998.11	500.0000	-----	-----	2/28/05 03:15 PM	I224024

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
508295.31	111130.36	1000.0000	-----	-----	2/28/05 03:15 PM	I224024

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
167697.04	41430.26	5.0000	-----	-----	3/1/05 11:07 AM	I224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
644410.98	154046.61	20.0000	-----	-----	3/1/05 11:07 AM	I224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2634847.88	613665.75	100.0000	-----	-----	3/1/05 11:07 AM	I224054.

Turbochrom Method File : C:\DATA65\H1248228.MTH
Created by : manager on : 2/28/05 03:34 PM
Edited by : manager on : 7/26/05 08:52 AM
Description : Aroclor 1248 Calibration

Number of Times Edited : 6
Number of Times Calibrated : 91

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB

Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He
Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics : OFF

Initial Temp : 150°

Maximum Temp : 300°

Initial Hold : 1.00 min

Equilibration Time : 0.50 min

Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min

PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points

Noise Threshold : 10 µV

Area Threshold : 100.00 µV

Peak Separation Criteria

Width Ratio : 0.200

Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria

Peak Height Ratio : 5.000

Adjusted Height Ratio : 4.000

Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically

Scale Factor : 1.000000

Number of Pages : 1

Plot Title : Chromatogram - ECD#1

X-Axis Label : Time [min]

Y-Axis Label : Response [mV]

Orientation : Landscape

Retention Labels : Top of Plot

Component Labels : Actual Time

Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 7.138 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	40346.60	6885.85	-----	-----
2	20.0000	165910.51	29504.26	-----	-----
3	100.0000	1033672.97	181862.20	-----	-----

Average Calibration Factor = 8900.524820 (%RSD = 14.03)

AR1248-1

Component Type : Single Peak Component
Retention Time : 12.758 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	1752.74	384.05	-----	-----
2	20.0000	8502.35	1647.85	-----	-----
3	100.0000	42410.67	8056.75	-----	-----
4	500.0000	191965.94	36191.18	-----	-----
5	1000.0000	400725.72	74950.14	-----	-----

Average Calibration Factor = 396.886049 (%RSD = 7.83)

AR1248-2

Component Type : Single Peak Component
Retention Time : 13.437 min Search Window: 3.70 s, 0.00 s

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	2211.80	456.90	-----	-----
2	20.0000	7582.91	1604.42	-----	-----
3	100.0000	38811.78	8082.85	-----	-----
4	500.0000	188630.84	38532.52	-----	-----
5	1000.0000	411455.65	83550.25	-----	-----

Average Calibration Factor = 399.667957 (%RSD = 6.87)

AR1248-3

Component Type : Single Peak Component

Retention Time : 15.169 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	2365.45	534.34	-----	-----
2	20.0000	9362.49	2017.03	-----	-----
3	100.0000	50080.68	10373.51	-----	-----
4	500.0000	247843.07	50021.46	-----	-----
5	1000.0000	539877.33	106691.45	-----	-----

Average Calibration Factor = 495.517054 (%RSD = 5.75)

AR1248

Component Type : Named Group

Group Members:

AR1248-4

AR1248-1

AR1248-2

AR1248-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	8265.07	1720.36	-----	-----
2	20.0000	32384.02	6476.36	-----	-----
3	100.0000	163843.71	32646.20	-----	-----
4	500.0000	799250.98	155572.04	-----	-----
5	1000.0000	1734072.20	334405.88	-----	-----

Average Calibration Factor = 1648.645427 (%RSD = 3.15)

AR1248-4

Component Type : Single Peak Component
Retention Time : 15.789 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	1935.08	345.07	-----	-----
2	20.0000	6936.27	1207.06	-----	-----
3	100.0000	32540.57	6133.09	-----	-----
4	500.0000	170811.13	30826.88	-----	-----
5	1000.0000	382013.49	69214.04	-----	-----

Average Calibration Factor = 356.574367 (%RSD = 7.50)

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Decachlorobiphenyl

Component Type : Single Peak Component
Retention Time : 27.786 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	85323.10	15090.91	-----	-----
2	20.0000	337462.87	58132.82	-----	-----
3	100.0000	1661608.94	277115.30	-----	-----

Average Calibration Factor = 16851.284597 (%RSD = 1.34)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
40346.60	6885.85	5.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
165910.51	29504.26	20.0000	-----	-----	3/1/05 11:07 AM	H224051

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1033672.97	181862.20	100.0000	-----	-----	3/1/05 11:07 AM	H224051

Component: AR1248-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1752.74	384.05	5.0000	-----	-----	2/28/05 03:59 PM	H224030

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
8502.35	1647.85	20.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
42410.67	8056.75	100.0000	-----	-----	2/28/05 03:59 PM	H224032

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
191965.94	36191.18	500.0000	-----	-----	2/28/05 03:59 PM	H224034

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
400725.72	74950.14	1000.0000	-----	-----	2/28/05 03:59 PM	H224035

Component: AR1248-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2211.80	456.90	5.0000	-----	-----	2/28/05 03:59 PM	H224036

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
7582.91	1604.42	20.0000	-----	-----	2/28/05 03:59 PM	H224037

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
------	--------	-------------	---------------	-------------	-----------	------

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
188630.84	38532.52	500.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
411455.65	83550.25	1000.0000	-----	-----	2/28/05 03:59 PM	H224031

Component: AR1248-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2365.45	534.34	5.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
9362.49	2017.03	20.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
50080.68	10373.51	100.0000	-----	-----	2/28/05 03:59 PM	H224031

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
247843.07	50021.46	500.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
539877.33	106691.45	1000.0000	-----	-----	2/28/05 03:59 PM	H224031

Component: AR1248

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
8265.07	1720.36	5.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
32384.02	6476.36	20.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
163843.71	32646.20	100.0000	-----	-----	2/28/05 03:59 PM	H224031

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
799250.98	155572.04	500.0000	-----	-----	2/28/05 03:59 PM	H2240391

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1734072.20	334405.88	1000.0000	-----	-----	2/28/05 03:59 PM	H2240391

Component: AR1248-4

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1935.08	345.07	5.0000	-----	-----	2/28/05 03:59 PM	H2240391

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
6936.27	1207.06	20.0000	-----	-----	2/28/05 03:59 PM	H2240391

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
32540.57	6133.09	100.0000	-----	-----	2/28/05 03:59 PM	H2240391

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
170811.13	30826.88	500.0000	-----	-----	2/28/05 03:59 PM	H2240391

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Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
382013.49	69214.04	1000.0000	-----	-----	2/28/05 03:59 PM	H2240391

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85323.10	15090.91	5.0000	-----	-----	3/1/05 11:07 AM	H2240511

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337462.87	58132.82	20.0000	-----	-----	3/1/05 11:07 AM	H2240511

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1661608.94	277115.30	100.0000	-----	-----	3/1/05 11:07 AM	H2240511

Turbochrom Method File : C:\DATA65\I1248228.MTH
Created by : manager on : 2/28/05 03:34 PM
Edited by : manager on : 7/15/05 03:37 PM
Description : Aroclor 1248 Calibration

Number of Times Edited : 6
Number of Times Calibrated : 95

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB
Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.
Run Time : 32.00 min.
Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl Injection Speed : NORM
Sample Washes : 1 Viscosity Delay : 0
Sample Pumps : 5 Solvent A Washes : 3
Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD Detector B : ECD
Range : 0 Range : 0
Autozero : OFF Autozero : OFF

Heated Zones:

Injector A : CAP
Injector A Setpoint : 225°
Injector B : CAP
Injector B Setpoint : 225°
Detector A : 325°
Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 µV
Area Threshold : 100.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 6.255 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	110145.43	14606.38	-----	-----
2	20.0000	491614.56	65236.56	-----	-----
3	100.0000	2619574.89	336304.27	-----	-----

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Average Calibration Factor = 24268.520870 (%RSD = 8.66)

AR1248-1

Component Type : Single Peak Component
Retention Time : 10.727 min Search Window: 6.00 s, 0.00
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	7957.10	878.74	-----	-----
2	20.0000	21032.78	2657.65	-----	-----
3	100.0000	123428.24	15569.37	-----	-----
4	500.0000	552872.03	67966.62	-----	-----
5	1000.0000	1218030.24	153446.65	-----	-----

Average Calibration Factor = 1240.223185 (%RSD = 16.99)

AR1248-2

Component Type : Single Peak Component
Retention Time : 11.877 min Search Window: 3.70 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	4336.60	969.41	-----	-----
2	20.0000	16196.51	3371.68	-----	-----
3	100.0000	86553.58	18598.02	-----	-----
4	500.0000	352548.07	74050.82	-----	-----
5	1000.0000	731135.84	155155.92	-----	-----

Average Calibration Factor = 795.782785 (%RSD = 9.44)

AR1248-3

Component Type : Single Peak Component

Retention Time : 12.757 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	6606.79	1567.58	-----	-----
2	20.0000	24455.29	5670.08	-----	-----
3	100.0000	114264.59	24545.99	-----	-----
4	500.0000	442313.08	92765.73	-----	-----
5	1000.0000	934308.31	201247.05	-----	-----

Average Calibration Factor = 1101.140716 (%RSD = 16.97)

AR1248

Component Type : Named Group

Group Members:

AR1248-4

AR1248-1

AR1248-2

AR1248-3

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	24303.77	4564.27	-----	-----
2	20.0000	78541.51	15254.88	-----	-----
3	100.0000	423107.68	80096.02	-----	-----
4	500.0000	1777992.71	326648.71	-----	-----
5	1000.0000	3820168.20	715377.88	-----	-----

Average Calibration Factor = 4079.011915 (%RSD = 12.24)

AR1248-4

Component Type : Single Peak Component
Retention Time : 14.046 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	5403.27	1148.53	-----	-----
2	20.0000	16856.93	3555.48	-----	-----
3	100.0000	98861.27	21382.63	-----	-----
4	500.0000	430259.52	91865.54	-----	-----
5	1000.0000	936693.82	205528.26	-----	-----

Average Calibration Factor = 941.865229 (%RSD = 10.33)

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Decachlorobiphenyl

Component Type : Single Peak Component
Retention Time : 26.165 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	167697.04	41430.26	-----	-----
2	20.0000	644410.98	154046.61	-----	-----
3	100.0000	2634847.88	613665.75	-----	-----

Average Calibration Factor = 30702.812159 (%RSD = 12.47)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

86553.58 18598.02 100.0000 ----- 2/28/05 04:21 PM I224039.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
352548.07	74050.82	500.0000	-----	-----	2/28/05 04:21 PM	I224039.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
731135.84	155155.92	1000.0000	-----	-----	2/28/05 04:21 PM	I224039.

Component: AR1248-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
6606.79	1567.58	5.0000	-----	-----	2/28/05 04:21 PM	I224039.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
24455.29	5670.08	20.0000	-----	-----	2/28/05 04:21 PM	I224039.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
114264.59	24545.99	100.0000	-----	-----	2/28/05 04:21 PM	I224039.

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
442313.08	92765.73	500.0000	-----	-----	2/28/05 04:21 PM	I224039.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
934308.31	201247.05	1000.0000	-----	-----	2/28/05 04:21 PM	I224039.

Component: AR1248

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
24303.77	4564.27	5.0000	-----	-----	2/28/05 04:21 PM	I224039.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
78541.51	15254.88	20.0000	-----	-----	2/28/05 04:21 PM	I224039.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
423107.68	80096.02	100.0000	-----	-----	2/28/05 04:21 PM	I224039.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1777992.71	326648.71	500.0000	-----	-----	2/28/05 04:21 PM	I224035.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3820168.20	715377.88	1000.0000	-----	-----	2/28/05 04:21 PM	I224035.

Component: AR1248-4

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
5403.27	1148.53	5.0000	-----	-----	2/28/05 04:21 PM	I224031.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
16856.93	3555.48	20.0000	-----	-----	2/28/05 04:21 PM	I224031.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
98861.27	21382.63	100.0000	-----	-----	2/28/05 04:21 PM	I224031.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
430259.52	91865.54	500.0000	-----	-----	2/28/05 04:21 PM	I224035.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
936693.82	205528.26	1000.0000	-----	-----	2/28/05 04:21 PM	I224035.

Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
167697.04	41430.26	5.0000	-----	-----	3/1/05 11:07 AM	I224051.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
644410.98	154046.61	20.0000	-----	-----	3/1/05 11:07 AM	I224051.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2634847.88	613665.75	100.0000	-----	-----	3/1/05 11:07 AM	I224051.

Turbochrom Method File : C:\DATA65\H1260228.MTH
Created by : manager on : 3/1/05 10:36 AM
Edited by : manager on : 9/8/05 04:58 PM
Description : Aroclor 1260 Calibration

Number of Times Edited : 12
Number of Times Calibrated : 90

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA

Channel B signal source: DetB

Attenuation : 0

Attenuation : 0

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl

Injection Speed : NORM

Sample Washes : 1

Viscosity Delay : 0

Sample Pumps : 5

Solvent A Washes : 3

Solvent B Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF

Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD

Detector B : ECD

Range : 0

Range : 0

Autozero : OFF

Autozero : OFF

Heated Zones:

Injector A : CAP

Injector A Setpoint : 225°

Injector B : CAP

Injector B Setpoint : 225°

Detector A : 325°

Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 µV
Area Threshold : 100.00 µV

Peak Separation Criteria
Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria
Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 7.089 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	40346.60	6885.85	-----	-----
2	20.0000	165910.51	29504.26	-----	-----
3	100.0000	1033672.97	181862.20	-----	-----

Average Calibration Factor = 8900.524820 (%RSD = 14.03)

AR1260-1

Component Type : Single Peak Component
Retention Time : 18.002 min Search Window: 6.00 s, 0.00 s
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3867.36	843.16	-----	-----
2	20.0000	15979.71	3387.51	-----	-----
3	100.0000	73726.90	15251.10	-----	-----
4	500.0000	369143.05	73718.45	-----	-----
5	1000.0000	738459.85	140764.33	-----	-----

Average Calibration Factor = 757.294496 (%RSD = 3.69)

AR1260-2

Component Type : Single Peak Component
Retention Time : 19.077 min Search Window: 3.70 s, 0.00 s

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	6087.71	1249.09	-----	-----
2	20.0000	23531.89	4998.22	-----	-----
3	100.0000	109003.86	22895.46	-----	-----
4	500.0000	558872.81	112536.45	-----	-----
5	1000.0000	1079348.52	212650.82	-----	-----

Average Calibration Factor = 1136.253851 (%RSD = 5.20)

AR1260-3

Component Type : Single Peak Component
Retention Time : 20.470 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	3902.04	809.47	-----	-----
2	20.0000	18429.27	3404.26	-----	-----
3	100.0000	68369.68	14768.54	-----	-----
4	500.0000	370025.23	77404.38	-----	-----
5	1000.0000	741778.49	150575.37	-----	-----

Average Calibration Factor = 773.479310 (%RSD = 11.59)

AR1260-4

Component Type : Single Peak Component
Retention Time : 22.456 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
------------	--------	------	--------	------------	-----------

1	5.0000	11245.30	1774.35	-----	-----
2	20.0000	35042.10	6426.82	-----	-----
3	100.0000	153559.84	30027.34	-----	-----
4	500.0000	875816.22	165832.99	-----	-----
5	1000.0000	1793996.13	327152.46	-----	-----

Average Calibration Factor = 1816.478496 (%RSD = 14.43)

AR1260

Component Type : Named Group

Group Members:

- AR1260-4
- AR1260-1
- AR1260-2
- AR1260-3

Use Average Calibration Factor (Area / Amount)

User Values:

- Label :
- Value 1: 0.000000
- Value 2: 0.000000
- Value 3: 0.000000
- Value 4: 0.000000
- Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	25102.41	4676.07	-----	-----
2	20.0000	92982.97	18216.81	-----	-----
3	100.0000	404660.28	82942.44	-----	-----
4	500.0000	2173857.32	429492.26	-----	-----
5	1000.0000	4353582.99	831142.98	-----	-----

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Average Calibration Factor = 4483.506152 (%RSD = 8.21)

Decachlorobiphenyl

Component Type : Single Peak Component

Retention Time : 27.683 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

- Label :
- Value 1: 0.000000
- Value 2: 0.000000
- Value 3: 0.000000
- Value 4: 0.000000
- Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	85323.10	15090.91	-----	-----
2	20.0000	337462.87	58132.82	-----	-----
3	100.0000	1661608.94	277115.30	-----	-----

Average Calibration Factor = 16851.284597 (%RSD = 1.34)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

40346.60 6885.85 5.0000 ----- 3/1/05 11:07 AM H224051

Level : 2

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

165910.51 29504.26 20.0000 ----- 3/1/05 11:07 AM H224051

Level : 3

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

1033672.97 181862.20 100.0000 ----- 3/1/05 11:07 AM H224051

Component: AR1260-1

Level : 1

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

3867.36 843.16 5.0000 ----- 3/1/05 10:50 AM H224044

Level : 2

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

15979.71 3387.51 20.0000 ----- 3/1/05 10:50 AM H224044

Level : 3

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

73726.90 15251.10 100.0000 ----- 3/1/05 10:50 AM H224044

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Level : 4

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

369143.05 73718.45 500.0000 ----- 3/1/05 10:50 AM H224044

Level : 5

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

738459.85 140764.33 1000.0000 ----- 3/1/05 10:50 AM H224044

Component: AR1260-2

Level : 1

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

6087.71 1249.09 5.0000 ----- 3/1/05 10:50 AM H224044

Level : 2

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

23531.89 4998.22 20.0000 ----- 3/1/05 10:50 AM H224044

Level : 3

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

109003.86 22895.46 100.0000 ----- 3/1/05 10:50 AM H224044

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
558872.81	112536.45	500.0000	-----	-----	3/1/05 10:50 AM	H224048.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1079348.52	212650.82	1000.0000	-----	-----	3/1/05 10:50 AM	H224048.

Component: AR1260-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3902.04	809.47	5.0000	-----	-----	3/1/05 10:50 AM	H224044.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
18429.27	3404.26	20.0000	-----	-----	3/1/05 10:50 AM	H224045.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
68369.68	14768.54	100.0000	-----	-----	3/1/05 10:50 AM	H224046.

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
370025.23	77404.38	500.0000	-----	-----	3/1/05 10:50 AM	H224048.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
741778.49	150575.37	1000.0000	-----	-----	3/1/05 10:50 AM	H224048.

Component: AR1260-4

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
11245.30	1774.35	5.0000	-----	-----	3/1/05 10:50 AM	H224044.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
35042.10	6426.82	20.0000	-----	-----	3/1/05 10:50 AM	H224045.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
153559.84	30027.34	100.0000	-----	-----	3/1/05 10:50 AM	H224046.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
875816.22	165832.99	500.0000	-----	-----	3/1/05 10:50 AM	H224049.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1793996.13	327152.46	1000.0000	-----	-----	3/1/05 10:50 AM	H224049.

Component: AR1260

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
25102.41	4676.07	5.0000	-----	-----	3/1/05 10:50 AM	H224044.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
92982.97	18216.81	20.0000	-----	-----	3/1/05 10:50 AM	H224046.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
404660.28	82942.44	100.0000	-----	-----	3/1/05 10:50 AM	H224046.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2173857.32	429492.26	500.0000	-----	-----	3/1/05 10:50 AM	H224046.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
4353582.99	831142.98	1000.0000	-----	-----	3/1/05 10:50 AM	H224046.

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Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
85323.10	15090.91	5.0000	-----	-----	3/1/05 11:07 AM	H224051.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
337462.87	58132.82	20.0000	-----	-----	3/1/05 11:07 AM	H224051.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1661608.94	277115.30	100.0000	-----	-----	3/1/05 11:07 AM	H224051.

Turbochrom Method File : C:\DATA65\I1260228.MTH
Created by : manager on : 3/1/05 10:36 AM
Edited by : manager on : 9/8/05 04:50 PM
Description : Aroclor 1260 Calibration

Number of Times Edited : 9
Number of Times Calibrated : 91

Instrument Conditions :

HP-SFC

Instrument Control Method:

Instrument name : HP-SFC

Channel Parameters:

Data will be collected from both channels

Channel A signal source: DetA Channel B signal source: DetB

Attenuation : 0 Attenuation : 0

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/s

Autosampler Method:

Injection Volume : 1.0 µl

Sample Washes : 1

Sample Pumps : 5

Solvent B Washes : 3

Injection Speed : NORM

Viscosity Delay : 0

Solvent A Washes : 3

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Carriers Parameters:

Carrier A control : Flow - He

Carrier B control : Flow - He

Valve configuration and settings:

Valve 1 : PURGE OFF

Valve 2 : PURGE OFF

Detector Parameters:

Detector A : ECD

Range : 0

Autozero : OFF

Detector B : ECD

Range : 0

Autozero : OFF

Heated Zones:

Injector A : CAP

Injector A Setpoint : 225°

Injector B : CAP

Injector B Setpoint : 225°

Detector A : 325°

Detector B : 325°

Oven Program:

Cryogenics : OFF
Initial Temp : 150° Maximum Temp : 300°
Initial Hold : 1.00 min Equilibration Time : 0.50 min
Ramp 1 : 5.0 °/min to 275°, hold for 6.00 min

Total Run Time : 32.00 min

Timed Events:

PA set to OFF at 0.10 min
PB set to OFF at 0.10 min

Real Time Plot Parameters :

Channel A -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV
Channel B -- Pages: 1 Offset: 0.000 mV Scale: 500.000 mV

Processing Parameters :

Bunch Factor : 3 points
Noise Threshold : 10 μ V
Area Threshold : 100.00 μ V

Peak Separation Criteria

Width Ratio : 0.200
Valley-to-Peak Ratio : 0.050

Exponential Skim Criteria

Peak Height Ratio : 5.000
Adjusted Height Ratio : 4.000
Valley Height Ratio : 3.000

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Baseline Timed Events :

No baseline timed events

Annotated Replot Parameters :

Offset & Scale determined automatically
Scale Factor : 1.000000

Number of Pages : 1
Plot Title : Chromatogram - ECD#1
X-Axis Label : Time [min]
Y-Axis Label : Response [mV]
Orientation : Landscape
Retention Labels : Top of Plot
Component Labels : Actual Time
Automatically set plot start and end times to data limits

Report Format files :

No report format files given

User Programs :

No user programs will be executed

Global Information :

Default Sample Volume : 1.000 mL
Quantitation Units : ug
Void Time : 0.000 min
Correct amounts during calibration : NO
Reject outliers during calibration : NO
An External Standard calibration will be used
Unknown peaks will use the response factor of the nearest component

Component Information :

Tetrachloro-m-xylene

Component Type : Single Peak Component
Retention Time : 6.255 min Search Window: 6.00 s, 0.00 min
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	110145.43	14606.38	-----	-----
2	20.0000	491614.56	65236.56	-----	-----
3	100.0000	2619574.89	336304.27	-----	-----

Average Calibration Factor = 24268.520870 (%RSD = 8.66)

AR1260-1

Component Type : Single Peak Component
Retention Time : 17.026 min Search Window: 6.00 s, 0.00 min
Reference Component:
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
User Values:

Label :
Value 1: 0.000000
Value 2: 0.000000
Value 3: 0.000000
Value 4: 0.000000
Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	8029.12	2150.02	-----	-----
2	20.0000	43533.83	8467.31	-----	-----
3	100.0000	173728.23	37662.54	-----	-----
4	500.0000	760753.16	168946.91	-----	-----
5	1000.0000	1414880.87	314258.23	-----	-----

Average Calibration Factor = 1691.236867 (%RSD = 17.50)

AR1260-2

Component Type : Single Peak Component
Retention Time : 17.667 min Search Window: 3.70 s, 0.00 min

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	10417.95	2501.22	-----	-----
2	20.0000	44629.90	9505.01	-----	-----
3	100.0000	195412.85	41565.18	-----	-----
4	500.0000	876394.82	193292.10	-----	-----
5	1000.0000	1631919.94	359683.33	-----	-----

Average Calibration Factor = 1930.784530 (%RSD = 12.56)

AR1260-3

Component Type : Single Peak Component

Retention Time : 20.124 min Search Window: 3.20 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	9344.06	2036.83	-----	-----
2	20.0000	28590.99	7117.55	-----	-----
3	100.0000	141021.33	34796.37	-----	-----
4	500.0000	674996.59	167623.73	-----	-----
5	1000.0000	1330732.82	322518.81	-----	-----

Average Calibration Factor = 1477.860064 (%RSD = 15.05)

AR1260-4

Component Type : Single Peak Component

Retention Time : 21.066 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

Label :

Value 1: 0.000000

Value 2: 0.000000

Value 3: 0.000000

Value 4: 0.000000

Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
------------	--------	------	--------	------------	-----------

1	5.0000	18513.10	3876.29	-----	-----
2	20.0000	62804.73	13507.43	-----	-----
3	100.0000	310318.64	65516.05	-----	-----
4	500.0000	1513750.25	331556.67	-----	-----
5	1000.0000	2930406.06	641896.13	-----	-----

Average Calibration Factor = 3180.789993 (%RSD = 9.51)

AR1260

Component Type : Named Group

Group Members:

- AR1260-4
- AR1260-1
- AR1260-2
- AR1260-3

Use Average Calibration Factor (Area / Amount)

User Values:

- Label :
- Value 1: 0.000000
- Value 2: 0.000000
- Value 3: 0.000000
- Value 4: 0.000000
- Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	46304.23	10564.36	-----	-----
2	20.0000	179559.44	38597.30	-----	-----
3	100.0000	820481.06	179540.14	-----	-----
4	500.0000	3825894.82	861419.41	-----	-----
5	1000.0000	7307939.69	1.64e+06	-----	-----

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Average Calibration Factor = 8280.671454 (%RSD = 10.09)

Decachlorobiphenyl

Component Type : Single Peak Component

Retention Time : 26.115 min Search Window: 6.00 s, 0.00

Reference Component:

Find peak closest to expected RT in window

Use Average Calibration Factor (Area / Amount)

User Values:

- Label :
- Value 1: 0.000000
- Value 2: 0.000000
- Value 3: 0.000000
- Value 4: 0.000000
- Value 5: 0.000000

Calibration Levels:

Level Name	Amount	Area	Height	ISTD Resp.	ISTD Amt.
1	5.0000	167697.04	41430.26	-----	-----
2	20.0000	644410.98	154046.61	-----	-----
3	100.0000	2634847.88	613665.75	-----	-----

Average Calibration Factor = 30702.812159 (%RSD = 12.47)

Calibration Replicate Lists:

Component: Tetrachloro-m-xylene

Level : 1

Area Height Vol Adj Amt ISTD Response ISTD Amount Date/Time File

110145.43 14606.38 5.0000 ----- 3/1/05 11:07 AM I224051.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
491614.56	65236.56	20.0000	-----	-----	3/1/05 11:07 AM	I224051.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2619574.89	336304.27	100.0000	-----	-----	3/1/05 11:07 AM	I224051.

Component: AR1260-1

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
8029.12	2150.02	5.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
43533.83	8467.31	20.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
173728.23	37662.54	100.0000	-----	-----	3/1/05 10:54 AM	I224045.

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
760753.16	168946.91	500.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1414880.87	314258.23	1000.0000	-----	-----	3/1/05 10:54 AM	I224050.

Component: AR1260-2

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
10417.95	2501.22	5.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
44629.90	9505.01	20.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
195412.85	41565.18	100.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
876394.82	193292.10	500.0000	-----	-----	3/1/05 10:54 AM	I224049.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1631919.94	359683.33	1000.0000	-----	-----	3/1/05 10:54 AM	I224050.

Component: AR1260-3

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
9344.06	2036.83	5.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
28590.99	7117.55	20.0000	-----	-----	3/1/05 10:54 AM	I224048.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
141021.33	34796.37	100.0000	-----	-----	3/1/05 10:54 AM	I224047.

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Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
674996.59	167623.73	500.0000	-----	-----	3/1/05 10:54 AM	I224049.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1330732.82	322518.81	1000.0000	-----	-----	3/1/05 10:54 AM	I224050.

Component: AR1260-4

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
18513.10	3876.29	5.0000	-----	-----	3/1/05 10:54 AM	I224045.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
62804.73	13507.43	20.0000	-----	-----	3/1/05 10:54 AM	I224048.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
310318.64	65516.05	100.0000	-----	-----	3/1/05 10:54 AM	I224047.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
1513750.25	331556.67	500.0000	-----	-----	3/1/05 10:54 AM	I224049.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2930406.06	641896.13	1000.0000	-----	-----	3/1/05 10:54 AM	I224050.

Component: AR1260

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
46304.23	10564.36	5.0000	-----	-----	3/1/05 10:54 AM	I224049.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
179559.44	38597.30	20.0000	-----	-----	3/1/05 10:54 AM	I224049.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
820481.06	179540.14	100.0000	-----	-----	3/1/05 10:54 AM	I224049.

Level : 4

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
3825894.82	861419.41	500.0000	-----	-----	3/1/05 10:54 AM	I224049.

Level : 5

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
7307939.69	1.63836e+06	1000.0000	-----	-----	3/1/05 10:54 AM	I224050.

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Component: Decachlorobiphenyl

Level : 1

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
167697.04	41430.26	5.0000	-----	-----	3/1/05 11:07 AM	I224050.

Level : 2

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
644410.98	154046.61	20.0000	-----	-----	3/1/05 11:07 AM	I224050.

Level : 3

Area	Height	Vol Adj Amt	ISTD Response	ISTD Amount	Date/Time	File
2634847.88	613665.75	100.0000	-----	-----	3/1/05 11:07 AM	I224050.

urbochrom Sequence File : C:\DATA65\GA2794.SEQ
 reated by : dms on : 2/24/05 03:58 PM
 dited by : manager on : 3/1/05 10:59 AM
 escription :

umber of Times Edited : 9

Sequence File Header Information:

Number of Rows : 54
 Instrument Type : HP 5890A GC with HP 7673 Autosampler
 Injection Type : DUAL

Sequence Sample Descriptions - Channel A												
Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	HEXANE	1		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2	Sample	AR1016 5PPB	2		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3	Sample	AR1016 20PPB	3		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4	Sample	AR1016 100PPB	4		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5	Sample	AR1016 250PPB	5		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6	Sample	AR1016 500PPB	6		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7	Sample	AR1016 1000PPB	7		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8	Sample	HEXANE	8		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9	Sample	AR1221 5PPB	9		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10	Sample	AR1221 20PPB	10		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11	Sample	AR1221 100PPB	11		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12	Sample	AR1221 250PPB	12		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
13	Sample	AR1221 500PPB	13		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14	Sample	AR1221 1000PPB	14		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15	Sample	HEXANE	15		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
16	Sample	AR1232 5PPB	16		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
17	Sample	AR1232 20PPB	17		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
18	Sample	AR1232 100PPB	18		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
19	Sample	AR1232 250PPB	19		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
20	Sample	AR1232 500PPB	20		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21	Sample	AR1232 1000PPB	21		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
22	Sample	HEXANE	22		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23	Sample	AR1242 5PPB	23		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24	Sample	AR1242 20PPB	24		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
25	Sample	AR1242 100PPB	25		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
26	Sample	AR1242 250PPB	26		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
27	Sample	AR1242 500PPB	27		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
28	Sample	AR1242 1000PPB	28		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
29	Sample	HEXANE	29		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
30	Sample	AR1248 5PPB	30		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
31	Sample	AR1248 20PPB	31		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
32	Sample	AR1248 100PPB	32		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
33	Sample	AR1248 250PPB	33		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
34	Sample	AR1248 500PPB	34		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35	Sample	AR1248 1000PPB	35		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36	Sample	HEXANE	36		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37	Sample	AR1254 5PPB	37		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
38	Sample	AR1254 20PPB	38		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
39	Sample	AR1254 100PPB	39		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
40	Sample	AR1254 250PPB	40		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
41	Sample	AR1254 500PPB	41		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
42	Sample	AR1254 1000PPB	42		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
43	Sample	HEXANE	43		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
44	Sample	AR1260 5PPB	44		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
45	Sample	AR1260 20PPB	45		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
46	Sample	AR1260 100PPB	46		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
47	Sample	AR1260 250PPB	47		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
48	Sample	AR1260 500PPB	48		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
49	Sample	AR1260 1000PPB	49		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50	Sample	HEXANE	50		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
51	Sample	PIBLK 5PPB	51		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
52	Sample	PIBLK 20PPB	52		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
53	Sample	PIBLK 100PPB	53		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
54	Sample	HEXANE	54		1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000

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Sequence Sample Descriptions - Channel B												
Row	Type	Sample	Sample	Study Name	Sample	ISTD	Sample	Dil.	Mult	Divisor	Addend	Norm

Name	Number	Amount	Amount	Volume	Factor	factor				
1 Sample	HEXANE	1	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
2 Sample	HEXANE	2	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
3 Sample	AR1016 5PPB	3	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
4 Sample	AR1016 20PPB	4	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
5 Sample	AR1016 100PPB	5	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
6 Sample	AR1016 250PPB	6	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
7 Sample	AR1016 500PPB	7	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
8 Sample	AR1016 1000PPB	8	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
9 Sample	HEXANE	9	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
10 Sample	AR1221 5PPB	10	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
11 Sample	AR1221 20PPB	11	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
12 Sample	AR1221 100PPB	12	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
13 Sample	AR1221 250PPB	13	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
14 Sample	AR1221 500PPB	14	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
15 Sample	AR1221 1000PPB	15	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
16 Sample	HEXANE	16	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
17 Sample	AR1232 5PPB	17	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
18 Sample	AR1232 20PPB	18	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
19 Sample	AR1232 100PPB	19	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
20 Sample	AR1232 250PPB	20	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
21 Sample	AR1232 500PPB	21	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
22 Sample	AR1232 1000PPB	22	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
23 Sample	HEXANE	23	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
24 Sample	AR1242 5PPB	24	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
25 Sample	AR1242 20PPB	25	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
26 Sample	AR1242 100PPB	26	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
27 Sample	AR1242 250PPB	27	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
28 Sample	AR1242 500PPB	28	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
29 Sample	AR1242 1000PPB	29	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
30 Sample	HEXANE	30	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
31 Sample	AR1248 5PPB	31	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
32 Sample	AR1248 20PPB	32	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
33 Sample	AR1248 100PPB	33	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
34 Sample	AR1248 250PPB	34	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
35 Sample	AR1248 500PPB	35	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
36 Sample	AR1248 1000PPB	36	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
37 Sample	HEXANE	37	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
38 Sample	AR1254 5PPB	38	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
39 Sample	AR1254 20PPB	39	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
40 Sample	AR1254 100PPB	40	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
41 Sample	AR1254 250PPB	41	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
42 Sample	AR1254 500PPB	42	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
43 Sample	AR1254 1000PPB	43	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
44 Sample	HEXANE	44	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
45 Sample	AR1260 5PPB	45	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
46 Sample	AR1260 20PPB	46	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
47 Sample	AR1260 100PPB	47	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
48 Sample	AR1260 250PPB	48	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
49 Sample	AR1260 500PPB	49	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
50 Sample	AR1260 1000PPB	50	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
51 Sample	HEXANE	51	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
52 Sample	P1BLK 5PPB	52	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
53 Sample	P1BLK 20PPB	53	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000
54 Sample	P1BLK 100PPB	54	1.000	1.000	1.000	1.000	1.000	1.000	0.000	100.000

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Sequence Process Information - Channel A															
Row	Site	Rack	Vial	Inst Method	Process Method	Calib Method	Report Format	Raw File	Result File	Baseline File	Modified Raw File	Cal Rpt	Level Name	Update RT	Out Dev
1	-	-	1	PCB2CH	H1016020	H1016020	hpcb	H224001	H224001		h304001	-	-	-	DEFAULT,
2	-	-	2	PCB2CH	H1016228	H1016228	hpcb	H224002	H224002		h304001	-	-	-	DEFAULT,
3	-	-	3	PCB2CH	H1016228	H1016228	hpcb	H224003	H224003		h304001	-	-	-	DEFAULT,
4	-	-	4	PCB2CH	H1016228	H1016228	hpcb	H224004	H224004		h304001	-	-	-	DEFAULT,
5	-	-	5	PCB2CH	H1016228	H1016228	hpcb	H224005	H224005		h304001	-	-	-	DEFAULT,
6	-	-	6	PCB2CH	H1016228	H1016228	hpcb	H224006	H224006		h304001	-	-	-	DEFAULT,
7	-	-	7	PCB2CH	H1016228	H1016228	hpcb	H224007	H224007		h304001	-	-	-	DEFAULT,
8	-	-	8	PCB2CH	H1016228	H1016228	hpcb	H224008	H224008		h304001	-	-	-	DEFAULT,
9	-	-	9	PCB2CH	H1221228	H1221228	hpcb	H224009	H224009		h304001	-	-	-	DEFAULT,
10	-	-	10	PCB2CH	H1221228	H1221228	hpcb	H224010	H224010		h304001	-	-	-	DEFAULT,
11	-	-	11	PCB2CH	H1221228	H1221228	hpcb	H224011	H224011		h304001	-	-	-	DEFAULT,
12	-	-	12	PCB2CH	H1221228	H1221228	hpcb	H224012	H224012		h304001	-	-	-	DEFAULT,
13	-	-	13	PCB2CH	H1221228	H1221228	hpcb	H224013	H224013		h304001	-	-	-	DEFAULT,
14	-	-	14	PCB2CH	H1221228	H1221228	hpcb	H224014	H224014		h304001	-	-	-	DEFAULT,
15	-	-	15	PCB2CH	H1221228	H1221228	hpcb	H224015	H224015		h304001	-	-	-	DEFAULT,
16	-	-	16	PCB2CH	H1232228	H1232228	hpcb	H224016	H224016		h304001	-	-	-	DEFAULT,
17	-	-	17	PCB2CH	H1232228	H1232228	hpcb	H224017	H224017		h304001	-	-	-	DEFAULT,
18	-	-	18	PCB2CH	H1232228	H1232228	hpcb	H224018	H224018		h304001	-	-	-	DEFAULT,
19	-	-	19	PCB2CH	H1232228	H1232228	hpcb	H224019	H224019		h304001	-	-	-	DEFAULT,
20	-	-	20	PCB2CH	H1232228	H1232228	hpcb	H224020	H224020		h304001	-	-	-	DEFAULT,

23	-	-	23	PCB2CH	H1242228	H1242228	hpcb	H224023	H224023	h304001	-	-	-	-	DEFAULT,
24	-	-	24	PCB2CH	H1242228	H1242228	hpcb	H224024	H224024	h304001	-	-	-	-	DEFAULT,
25	-	-	25	PCB2CH	H1242228	H1242228	hpcb	H224025	H224025	h304001	-	-	-	-	DEFAULT,
26	-	-	26	PCB2CH	H1242228	H1242228	hpcb	H224026	H224026	h304001	-	-	-	-	DEFAULT,
27	-	-	27	PCB2CH	H1242228	H1242228	hpcb	H224027	H224027	h304001	-	-	-	-	DEFAULT,
28	-	-	28	PCB2CH	H1242228	H1242228	hpcb	H224028	H224028	h304001	-	-	-	-	DEFAULT,
29	-	-	29	PCB2CH	H1242228	H1242228	hpcb	H224029	H224029	h304001	-	-	-	-	DEFAULT,
30	-	-	30	PCB2CH	H1248228	H1248228	hpcb	H224030	H224030	h304001	-	-	-	-	DEFAULT,
31	-	-	31	PCB2CH	H1248228	H1248228	hpcb	H224031	H224031	h304001	-	-	-	-	DEFAULT,
32	-	-	32	PCB2CH	H1248228	H1248228	hpcb	H224032	H224032	h304001	-	-	-	-	DEFAULT,
33	-	-	33	PCB2CH	H1248228	H1248228	hpcb	H224033	H224033	h304001	-	-	-	-	DEFAULT,
34	-	-	34	PCB2CH	H1248228	H1248228	hpcb	H224034	H224034	h304001	-	-	-	-	DEFAULT,
35	-	-	35	PCB2CH	H1248228	H1248228	hpcb	H224035	H224035	h304001	-	-	-	-	DEFAULT,
36	-	-	36	PCB2CH	H1248228	H1248228	hpcb	H224036	H224036	h304001	-	-	-	-	DEFAULT,
37	-	-	37	PCB2CH	H1254228	H1254228	hpcb	H224037	H224037	h304001	-	-	-	-	DEFAULT,
38	-	-	38	PCB2CH	H1254228	H1254228	hpcb	H224038	H224038	h304001	-	-	-	-	DEFAULT,
39	-	-	39	PCB2CH	H1254228	H1254228	hpcb	H224039	H224039	h304001	-	-	-	-	DEFAULT,
40	-	-	40	PCB2CH	H1254228	H1254228	hpcb	H224040	H224040	h304001	-	-	-	-	DEFAULT,
41	-	-	41	PCB2CH	H1254228	H1254228	hpcb	H224041	H224041	h304001	-	-	-	-	DEFAULT,
42	-	-	42	PCB2CH	H1254228	H1254228	hpcb	H224042	H224042	h304001	-	-	-	-	DEFAULT,
43	-	-	43	PCB2CH	H1254228	H1254228	hpcb	H224043	H224043	h304001	-	-	-	-	DEFAULT,
44	-	-	44	PCB2CH	H1260228	H1260228	hpcb	H224044	H224044	h304001	-	-	-	-	DEFAULT,
45	-	-	45	PCB2CH	H1260228	H1260228	hpcb	H224045	H224045	h304001	-	-	-	-	DEFAULT,
46	-	-	46	PCB2CH	H1260228	H1260228	hpcb	H224046	H224046	h304001	-	-	-	-	DEFAULT,
47	-	-	47	PCB2CH	H1260228	H1260228	hpcb	H224047	H224047	h304001	-	-	-	-	DEFAULT,
48	-	-	48	PCB2CH	H1260228	H1260228	hpcb	H224048	H224048	h304001	-	-	-	-	DEFAULT,
49	-	-	49	PCB2CH	H1260228	H1260228	hpcb	H224049	H224049	h304001	-	-	-	-	DEFAULT,
50	-	-	50	PCB2CH	H1260228	H1260228	hpcb	H224050	H224050	h304001	-	-	-	-	DEFAULT,
51	-	-	51	PCB2CH	HSURR228	HSURR228	hpcb	H224051	H224051	h304001	-	-	-	-	DEFAULT,
52	-	-	52	PCB2CH	HSURR228	HSURR228	hpcb	H224052	H224052	h304001	-	-	-	-	DEFAULT,
53	-	-	53	PCB2CH	HSURR228	HSURR228	hpcb	H224053	H224053	h304001	-	-	-	-	DEFAULT,
54	-	-	100	PCB2CH	HSURR228	HSURR228	hpcb	H224054	H224054	h304001	-	-	-	-	DEFAULT,

Sequence Process Information - Channel B

Row	Site	Rack	Vial	Inst Method	Process Method	Calib Method	Report Format	Raw File	Result File	Baseline File	Modified Raw File	Cal Rpt	Level Name	Update RT	Out Dev
1	-	-	100	PCB2CH	I1016020	I1016020	ipcb	I224001	I224001		1304001	-	-	-	DEFAULT,
2	-	-	1	PCB2CH	I1016020	I1016020	ipcb	I224002	I224002		1304001	-	-	-	DEFAULT,
3	-	-	2	PCB2CH	I1016228	I1016228	ipcb	I224003	I224003		1304001	-	-	-	DEFAULT,
4	-	-	3	PCB2CH	I1016228	I1016228	ipcb	I224004	I224004		1304001	-	-	-	DEFAULT,
5	-	-	4	PCB2CH	I1016228	I1016228	ipcb	I224005	I224005		1304001	-	-	-	DEFAULT,
6	-	-	5	PCB2CH	I1016228	I1016228	ipcb	I224006	I224006		1304001	-	-	-	DEFAULT,
7	-	-	6	PCB2CH	I1016228	I1016228	ipcb	I224007	I224007		1304001	-	-	-	DEFAULT,
8	-	-	7	PCB2CH	I1016228	I1016228	ipcb	I224008	I224008		1304001	-	-	-	DEFAULT,
9	-	-	8	PCB2CH	I1016228	I1016228	ipcb	I224009	I224009		1304001	-	-	-	DEFAULT,
10	-	-	9	PCB2CH	I1221228	I1221228	ipcb	I224010	I224010		1304001	-	-	-	DEFAULT,
11	-	-	10	PCB2CH	I1221228	I1221228	ipcb	I224011	I224011		1304001	-	-	-	DEFAULT,
12	-	-	11	PCB2CH	I1221228	I1221228	ipcb	I224012	I224012		1304001	-	-	-	DEFAULT,
13	-	-	12	PCB2CH	I1221228	I1221228	ipcb	I224013	I224013		1304001	-	-	-	DEFAULT,
14	-	-	13	PCB2CH	I1221228	I1221228	ipcb	I224014	I224014		1304001	-	-	-	DEFAULT,
15	-	-	14	PCB2CH	I1221228	I1221228	ipcb	I224015	I224015		1304001	-	-	-	DEFAULT,
16	-	-	15	PCB2CH	I1221228	I1221228	ipcb	I224016	I224016		1304001	-	-	-	DEFAULT,
17	-	-	16	PCB2CH	I1232228	I1232228	ipcb	I224017	I224017		1304001	-	-	-	DEFAULT,
18	-	-	17	PCB2CH	I1232228	I1232228	ipcb	I224018	I224018		1304001	-	-	-	DEFAULT,
19	-	-	18	PCB2CH	I1232228	I1232228	ipcb	I224019	I224019		1304001	-	-	-	DEFAULT,
20	-	-	19	PCB2CH	I1232228	I1232228	ipcb	I224020	I224020		1304001	-	-	-	DEFAULT,
21	-	-	20	PCB2CH	I1232228	I1232228	ipcb	I224021	I224021		1304001	-	-	-	DEFAULT,
22	-	-	21	PCB2CH	I1232228	I1232228	ipcb	I224022	I224022		1304001	-	-	-	DEFAULT,
23	-	-	22	PCB2CH	I1232228	I1232228	ipcb	I224023	I224023		1304001	-	-	-	DEFAULT,
24	-	-	23	PCB2CH	I1242228	I1242228	ipcb	I224024	I224024		1304001	-	-	-	DEFAULT,
25	-	-	24	PCB2CH	I1242228	I1242228	ipcb	I224025	I224025		1304001	-	-	-	DEFAULT,
26	-	-	25	PCB2CH	I1242228	I1242228	ipcb	I224026	I224026		1304001	-	-	-	DEFAULT,
27	-	-	26	PCB2CH	I1242228	I1242228	ipcb	I224027	I224027		1304001	-	-	-	DEFAULT,
28	-	-	27	PCB2CH	I1242228	I1242228	ipcb	I224028	I224028		1304001	-	-	-	DEFAULT,
29	-	-	28	PCB2CH	I1242228	I1242228	ipcb	I224029	I224029		1304001	-	-	-	DEFAULT,
30	-	-	29	PCB2CH	I1242228	I1242228	ipcb	I224030	I224030		1304001	-	-	-	DEFAULT,
31	-	-	30	PCB2CH	I1248228	I1248228	ipcb	I224031	I224031		1304001	-	-	-	DEFAULT,
32	-	-	31	PCB2CH	I1248228	I1248228	ipcb	I224032	I224032		1304001	-	-	-	DEFAULT,
33	-	-	32	PCB2CH	I1248228	I1248228	ipcb	I224033	I224033		1304001	-	-	-	DEFAULT,
34	-	-	33	PCB2CH	I1248228	I1248228	ipcb	I224034	I224034		1304001	-	-	-	DEFAULT,
35	-	-	34	PCB2CH	I1248228	I1248228	ipcb	I224035	I224035		1304001	-	-	-	DEFAULT,
36	-	-	35	PCB2CH	I1248228	I1248228	ipcb	I224036	I224036		1304001	-	-	-	DEFAULT,
37	-	-	36	PCB2CH	I1248228	I1248228	ipcb	I224037	I224037		1304001	-	-	-	DEFAULT,
38	-	-	37	PCB2CH	I1254228	I1254228	ipcb	I224038	I224038		1304001	-	-	-	DEFAULT,
39	-	-	38	PCB2CH	I1254228	I1254228	ipcb	I224039	I224039		1304001	-	-	-	DEFAULT,
40	-	-	39	PCB2CH	I1254228	I1254228	ipcb	I224040	I224040		1304001	-	-	-	DEFAULT,
41	-	-	40	PCB2CH	I1254228	I1254228	ipcb	I224041	I224041		1304001	-	-	-	DEFAULT,
42	-	-	41	PCB2CH	I1254228	I1254228	ipcb	I224042	I224042		1304001	-	-	-	DEFAULT,
43	-	-	42	PCB2CH	I1254228	I1254228	ipcb	I224043	I224043		1304001	-	-	-	DEFAULT,
44	-	-	43	PCB2CH	I1254228	I1254228	ipcb	I224044	I224044		1304001	-	-	-	DEFAULT,
45	-	-	44	PCB2CH	I1254228	I1254228	ipcb	I224045	I224045		1304001	-	-	-	DEFAULT,

47	-	-	46	PCB2CH	I1260228	I1260228	ipcb	I224047	I224047	1304001	-	-	-	DEFAULT,
48	-	-	47	PCB2CH	I1260228	I1260228	ipcb	I224048	I224048	1304001	-	-	-	DEFAULT,
49	-	-	48	PCB2CH	I1260228	I1260228	ipcb	I224049	I224049	1304001	-	-	-	DEFAULT,
50	-	-	49	PCB2CH	I1260228	I1260228	ipcb	I224050	I224050	1304001	-	-	-	DEFAULT,
51	-	-	50	PCB2CH	I1260228	I1260228	ipcb	I224051	I224051	1304001	-	-	-	DEFAULT,
52	-	-	51	PCB2CH	ISURR228	ISURR228	ipcb	I224052	I224052	1304001	-	-	-	DEFAULT,
53	-	-	52	PCB2CH	ISURR228	ISURR228	ipcb	I224053	I224053	1304001	-	-	-	DEFAULT,
54	-	-	53	PCB2CH	ISURR228	ISURR228	ipcb	I224054	I224054	1304001	-	-	-	DEFAULT,

Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 1

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/1

Interface Serial # : NONE Data Acquisition Time: 2/24/05 04:46 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224001.RAW

Result File : C:\DATA65\H224001.rst

Inst Method : PCB2CH from C:\DATA65\H224001.rst

Proc Method : C:\DATA65\H1016020.mth

Calib Method : C:\DATA65\H1016020.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-678-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 97

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.305	27024		2.89	2.8949
2	0.516	67128		7.19	7.1912
3	0.754	72754		7.79	7.7939
4	1.002	79408		8.51	8.5067
5	1.060	474588		50.84	50.8409
6	1.602	2058		0.22	0.2204
7	1.716	1451		0.16	0.1554

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.064	13509		1.45	1.4472
11	3.258	1081		0.12	0.1158
12	3.562	1258		0.13	0.1348
13	3.940	1451		0.16	0.1555
14	4.090	975		0.10	0.1045
15	4.346	647		0.07	0.0693
16	4.583	764		0.08	0.0819
17	4.740	630		0.07	0.0675
18	4.914	16241		1.74	1.7398
19	5.253	345		0.04	0.0370
20	5.690	614		0.07	0.0658
21	5.907	974		0.10	0.1043
22	6.221	3523		0.38	0.3774
23	6.463	2864		0.31	0.3068
24	6.635	5480		0.59	0.5871
25	7.157	2217	Tetrachloro-m-xylene	0.24	0.2375
26	7.496	1058		0.11	0.1133
27	7.992	1374		4.88	4.8813
	8.362	908	AR1016	1.02	1.0236
29	8.543	1011		3.59	3.5908
30	8.777	2802		9.95	9.9515
31	9.004	667		2.37	2.3686
32	9.318	1611		5.72	5.7226
33	9.430	1407		5.00	4.9966
34	9.529	369		1.31	1.3109
35	9.690	122		0.43	0.4344
36	9.907	1963		6.97	6.9715
37	10.390	3796		13.48	13.4827
38	10.698	2194		7.31	7.3126
39	10.850	4609		15.36	15.3594
40	11.033	2612		8.70	8.7047
41	11.241	447		1.49	1.4908
42	11.486	9087		30.28	30.2827
43	12.010	2504		8.34	8.3444
44	12.339	4031		13.43	13.4328
45	12.626	1424		4.75	4.7460
46	13.301	5653		18.51	18.5060
47	13.794	5112		16.73	16.7338
48	14.369	5249		17.18	17.1826
49	14.605	906		2.97	2.9654
50	14.821	1526		5.00	4.9966
51	15.090	6534		21.39	21.3881
52	15.266	3085		10.10	10.0980
53	15.375	14386		47.09	47.0927
54	16.281	8026		26.27	26.2726
55	16.413	2866		9.38	9.3832
56	17.008	18161		59.45	59.4487
57	17.764	4315		14.12	14.1235
58	18.277	11809		38.65	38.6549
59	18.882	4332		14.18	14.1809
60	19.570	17759		58.13	58.1339
61	19.783	4307		14.10	14.0977
62	19.962	7646		25.03	25.0289
63	20.724	990		0.07	0.0659
64	21.342	24724		1.65	1.6452
65	22.257	30341		2.02	2.0189
66	22.496	3114		0.21	0.2072
67	22.579	6539		0.44	0.4351
68	23.950	80576		5.36	5.3615
69	25.142	10837		0.72	0.7211
70	25.511	1519		0.10	0.1011
71	27.569	173079		11.52	11.5168
72	27.815	15548	Decachlorobiphenyl	1.03	1.0346
73	27.917	7418		0.49	0.4936
74	27.988	4782		0.32	0.3182
75	28.059	4225		0.28	0.2812
76	28.164	6174		0.41	0.4108
77	28.301	6495		0.43	0.4322
78	28.444	6087		0.41	0.4050
79	28.620	1746		0.12	0.1162
80	28.856	2199		0.15	0.1463
81	29.082	2189		0.15	0.1456
82	29.284	1264		0.08	0.0841
83	29.420	320		0.02	0.0213
84	29.556	462		0.03	0.0308
85	29.741	1051		0.07	0.0699
86	29.880	752		0.05	0.0501
87	29.933	152			

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	30.682	1872		0.12	0.1246
90	30.891	1653		0.11	0.1100
91	31.016	359		0.02	0.0239
92	31.069	187		0.01	0.0125
93	31.205	243		0.02	0.0162
94	31.341	873		0.06	0.0581
95	31.516	486		0.03	0.0323
96	31.804	626		0.04	0.0416
97	31.970	342		0.02	0.0228
		1349058		653.35	653.3465

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
28	8.362	908	AR1016-1	3.23	3.2253
0	12.853	0	AR1016-2	0.00	0.0000
0	13.535	0	AR1016-3	0.00	0.0000
		908		3.23	3.2253

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224001.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

FileName : C:\DATA65\H224001.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 46 mV

Sample #: 1

Date : 3/1/05 11:50 AM

Time of Injection: 2/24/05 04:46 PM

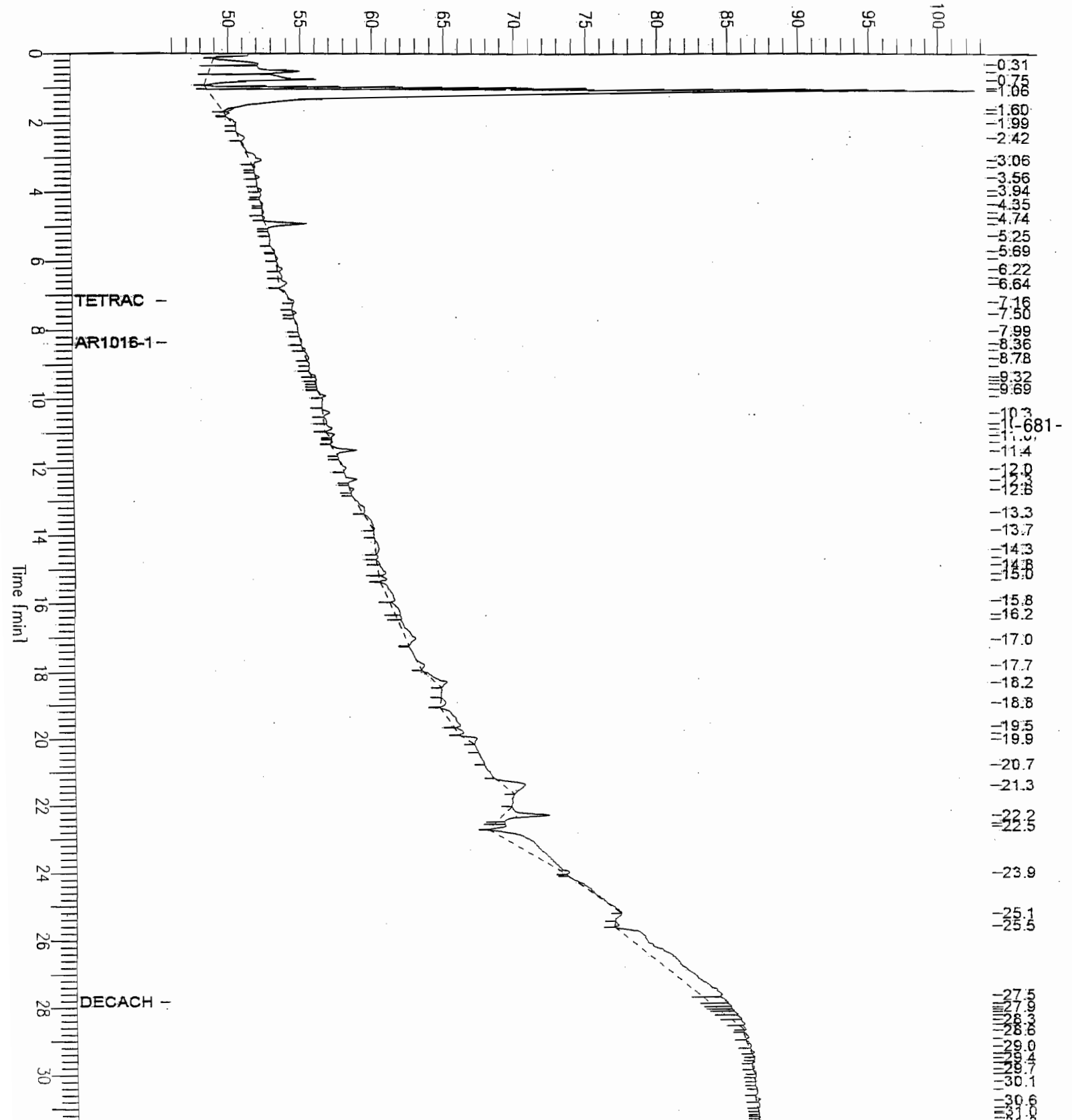
Low Point : 45.52 mV

Plot Scale: 57.9 mV

Page 1 of 1

High Point : 103.43 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 2

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/1

Interface Serial # : NONE Data Acquisition Time: 2/24/05 05:22 PM

Delay Time : 0.00 min.

Int Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224002.RAW

Result File : C:\DATA65\I224002.rst

Inst Method : PCB2CH from C:\DATA65\I224002.rst

Proc Method : C:\DATA65\I1016020.mth

Calib Method : C:\DATA65\I1016020.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-682-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 104

PCB REPORT

=====
P-SFC CHANNNEL I
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
------	------------	---------------	----------------	---------------	--------------------------------

1	0.059	1673		0.10	0.0980
2	0.230	315		0.02	0.0185
3	1.272	191467		11.22	11.2170
4	1.491	103647		6.07	6.0721
5	1.550	787249		46.12	46.1206
6	2.257	6665		0.39	0.3904
7	2.667	237		0.01	0.0139
8	2.801	1432		0.08	0.0838

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.328	199		0.01	0.0117
11	4.943	210		0.01	0.0123
12	5.100	382		0.02	0.0224
13	5.899	480		0.03	0.0281
14	6.038	226		0.01	0.0132
15	6.277	1306	Tetrachloro-m-xylene	0.08	0.0765
16	6.870	1849		0.11	0.1083
17	7.301	1240		0.07	0.0726
18	7.568	475		0.03	0.0278
19	7.638	277		0.02	0.0162
20	8.507	563		0.03	0.0330
21	8.807	903		0.48	0.4849
22	9.032	147		0.08	0.0789
23	9.322	1164		0.63	0.6251
24	9.552	1375		0.74	0.7380
25	9.895	391		0.21	0.2099
26	10.039	331		0.18	0.1777
27	10.349	761		0.41	0.4085
28	10.416	271		0.15	0.1454
29	10.577	243		0.13	0.1305
30	10.648	138		0.07	0.0741
	10.805	478	AR1016	0.15	0.1495
32	11.123	1517		1.82	1.8246
33	11.692	1517		1.82	1.8247
34	12.115	1200		1.44	1.4431
35	12.444	595		1.18	1.1768
36	12.585	142		0.28	0.2801
37	12.792	6027		11.92	11.9182
38	13.042	2569		5.08	5.0808
39	13.503	536		1.06	1.0604
40	13.654	868		1.72	1.7158
41	13.807	2652		5.25	5.2455
42	14.096	16722		33.07	33.0705
43	14.474	34663		68.55	68.5495
44	14.715	16559		32.75	32.7484
45	14.984	23631		46.73	46.7338
46	15.160	6971		13.79	13.7862
47	15.308	7091		14.02	14.0234
48	15.602	7922		15.67	15.6663
49	16.023	42950		84.94	84.9393
50	16.599	53315		105.44	105.4363
51	17.597	115983		229.37	229.3711
52	18.387	77751		153.76	153.7632
53	18.613	25371		50.17	50.1745
54	19.701	32515		1.54	1.5392
55	19.932	616		0.03	0.0292
56	20.548	7799		0.37	0.3692
57	20.622	765		0.04	0.0362
58	20.768	1403		0.07	0.0664
59	20.934	2316		0.11	0.1097
60	21.016	575		0.03	0.0272
61	21.095	639		0.03	0.0303
62	21.248	206		0.01	0.0097
63	21.548	36983		1.75	1.7507
64	21.930	311		0.01	0.0147
65	22.008	908		0.04	0.0430
66	22.085	344		0.02	0.0163
67	22.183	668		0.03	0.0316
68	22.243	407		0.02	0.0193
69	22.313	263		0.01	0.0125
70	22.397	451		0.02	0.0214
71	22.478	419		0.02	0.0198
72	22.549	616		0.03	0.0292
73	22.627	707		0.03	0.0335
74	22.704	738		0.03	0.0350
75	22.868	3625		0.17	0.1716
76	23.011	854		0.04	0.0404
77	23.166	1920		0.09	0.0909
78	23.244	612		0.03	0.0290
79	23.329	611		0.03	0.0289
80	24.317	114585		5.42	5.4241
81	24.478	45568		2.16	2.1571
82	24.941	68162		3.23	3.2266
83	25.023	13538		0.64	0.6409
84	25.097	9648		0.46	0.4567
85	25.165	6941		0.33	0.3286
86	25.554	54746		2.59	2.5915
87	25.792	29744		1.41	1.4080

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	26.272	12121		0.57	0.5738
90	26.505	16811		0.80	0.7958
91	26.557	3808		0.18	0.1803
92	26.890	18560		0.88	0.8786
93	26.954	3573		0.17	0.1691
94	27.028	3319		0.16	0.1571
95	27.190	5598		0.26	0.2650
96	27.481	11663		0.55	0.5521
97	28.747	74335		3.52	3.5188
98	29.154	557		0.03	0.0264
99	29.458	3362		0.16	0.1591
100	29.907	4668		0.22	0.2210
101	30.593	4068		0.19	0.1925
102	30.904	720		0.03	0.0341
103	31.062	412		0.02	0.0195
104	31.556	511		0.02	0.0242
		2221610		979.52	979.5175

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	10.805	478	AR1016-1	0.26	0.2568
0	11.204	0	AR1016-2	0.00	0.0000
0	13.193	0	AR1016-3	0.00	0.0000
		478		0.26	0.2568

-684-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

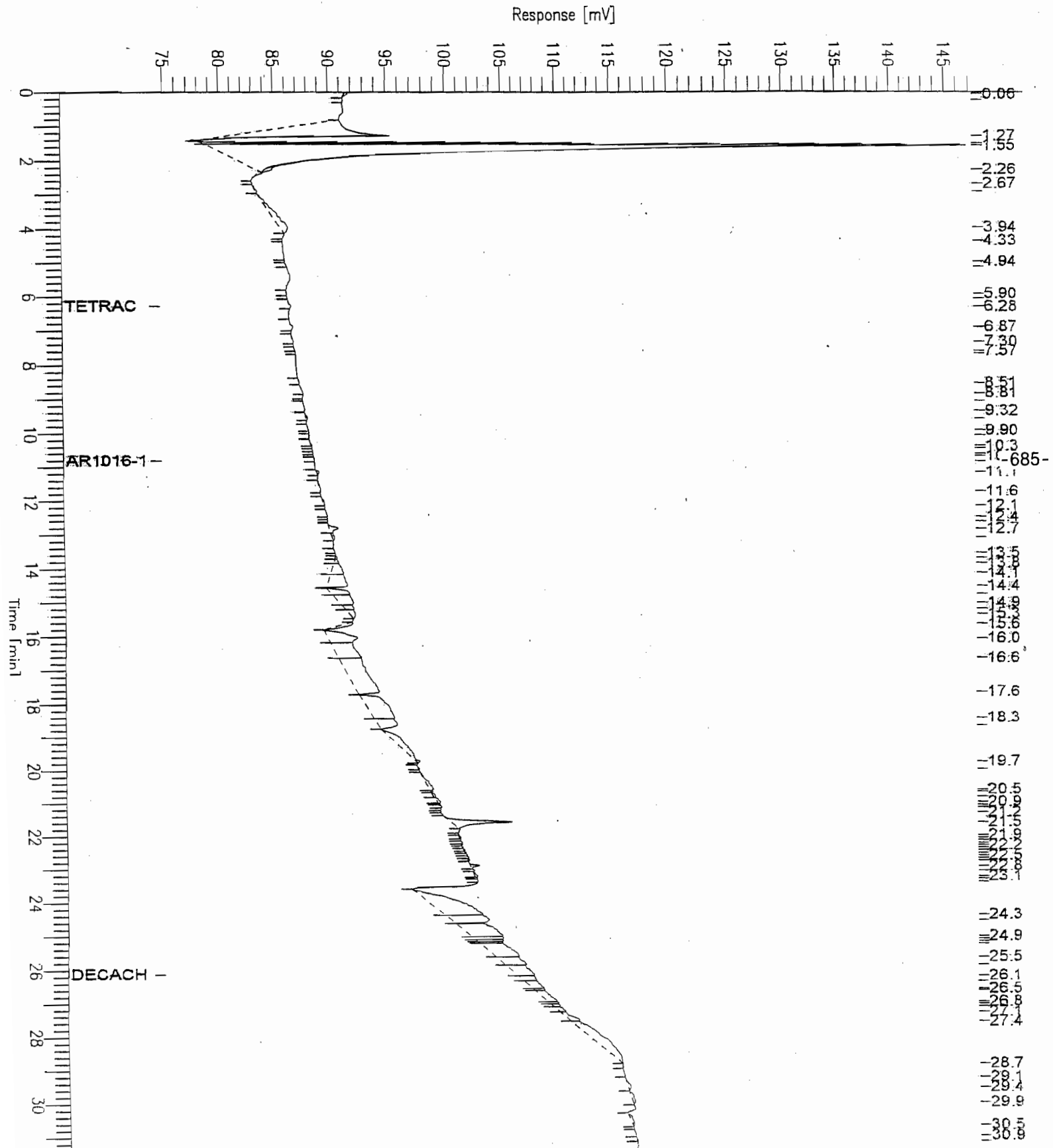
Report stored in ASCII file: C:\DATA65\I224002.TX0

Chromatogram - ECD#1

Sample Name : HEXANE
 File Name : C:\DATA65\I224002.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 75 mV

Sample #: 2
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 05:22 PM
 Low Point : 74.72 mV
 Plot Scale: 72.7 mV
 High Point : 147.38 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 2

Study :

Operator : manager

Instrument : HP-SFC

Channel : A A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/2

Interface Serial # : NONE Data Acquisition Time: 2/24/05 05:22 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224002.RAW

Result File : C:\DATA65\H224002.rst

Inst Method : PCB2CH from C:\DATA65\H224002.rst

Proc Method : C:\DATA65\H1016228.mth

Calib Method : C:\DATA65\H1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-686-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 82

PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.758	79931		8.98	8.9805
2	0.805	46497		5.22	5.2241
3	1.005	80921		9.09	9.0917
4	1.062	417461		46.90	46.9029
5	2.880	12396		1.39	1.3927
6	4.017	364		0.04	0.0409
7	4.734	2444		0.27	0.2746
8	5.609	1812		0.20	0.2036

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	7.135	1345		0.15	0.1511
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
11	8.422	1548		0.17	0.1739
12	8.924	1002		3.25	3.2454
14	9.859	1460		4.73	4.7264
15	10.393	834		2.70	2.6984
16	10.513	1080		3.50	3.4962
17	10.807	2533		4.22	4.2156
18	11.430	2381		3.96	3.9636
19	11.718	2104		3.50	3.5027
	11.812	6537	AR1016	5.38	5.3772
21	11.902	2134		3.55	3.5516
22	12.319	2729		4.54	4.5432
23	12.619	2461		4.10	4.0959
24	12.836	1347		4.40	4.4006
25	13.002	1571		5.13	5.1329
26	13.153	751		2.45	2.4528
28	13.680	1188		3.88	3.8800
29	13.836	817		2.67	2.6684
30	14.203	1340		4.38	4.3762
31	14.883	3202		10.46	10.4592
32	15.073	2586		8.45	8.4490
33	15.253	1133		3.70	3.7023
34	15.860	5417		17.70	17.6954
35	16.051	1341		4.38	4.3791
36	18.396	6816		22.27	22.2655
37	18.586	10932		35.71	35.7119
38	18.802	1080		3.53	3.5273
39	19.623	8579		28.02	28.0247
40	19.788	2137		6.98	6.9794
41	21.510	13971		0.83	0.8291
42	21.725	1041		0.06	0.0618
43	22.266	17447		1.04	1.0353
44	22.583	775		0.05	0.0460
45	23.973	6992		0.41	0.4149
46	24.114	198		0.01	0.0118
47	25.531	37460		2.22	2.2230
48	27.368	119241		7.08	7.0761
49	27.509	13027		0.77	0.7730
50	27.632	14425		0.86	0.8560
51	27.756	10109		0.60	0.5999
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
52	27.889	12696		0.75	0.7534
53	28.074	21400		1.27	1.2699
54	28.229	9040		0.54	0.5365
55	28.338	9688		0.57	0.5749
56	28.475	5802		0.34	0.3443
57	28.586	5300		0.31	0.3145
58	28.766	7653		0.45	0.4542
59	28.905	1711		0.10	0.1015
60	28.987	1117		0.07	0.0663
61	29.180	1432		0.08	0.0850
62	29.324	2612		0.16	0.1550
63	29.456	2080		0.12	0.1234
64	29.632	1990		0.12	0.1181
65	29.736	1340		0.08	0.0795
66	29.843	1594		0.09	0.0946
67	29.984	982		0.06	0.0583
68	30.062	1504		0.09	0.0892
69	30.193	256		0.02	0.0152
70	30.332	411		0.02	0.0244
71	30.474	534		0.03	0.0317
72	30.546	988		0.06	0.0586
73	30.679	360		0.02	0.0214
74	30.825	1310		0.08	0.0778
75	30.966	379		0.02	0.0225
76	31.042	151		0.01	0.0090
77	31.172	333		0.02	0.0198
78	31.240	1010		0.06	0.0599
79	31.451	733		0.04	0.0435
30	31.659	802		0.05	0.0476
31	31.814	923		0.05	0.0548
32	31.975	395		0.02	0.0234

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Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
13	9.756	1565	AR1016-1	5.07	5.0673
20	11.812	3062	AR1016-2	5.10	5.0965
27	13.509	1911	AR1016-3	6.24	6.2409
		6537		16.40	16.4047

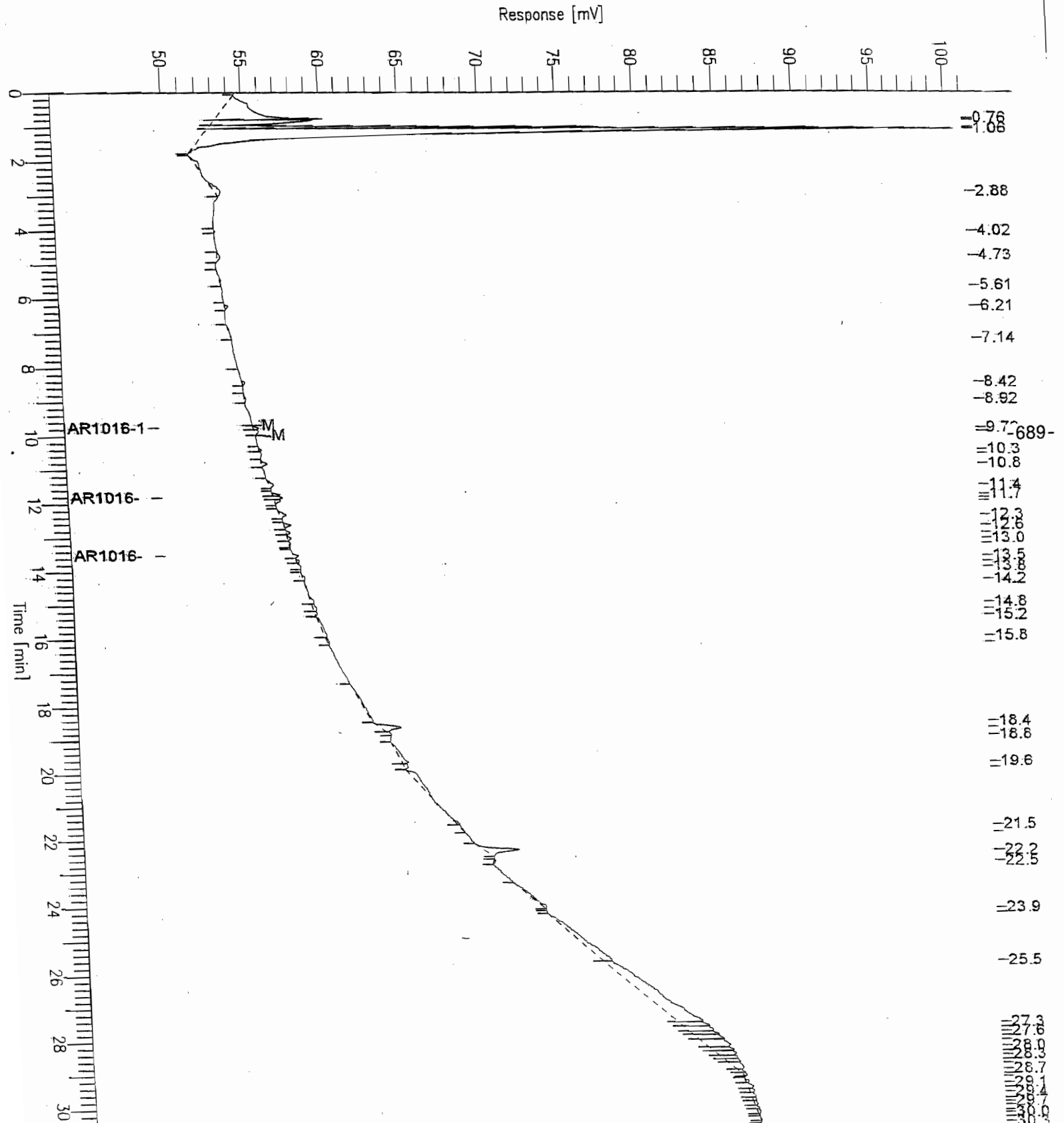
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224002.TX0

Chromatogram - ECD#1

Sample Name : AR1016 5PPB
 File Name : C:\DATA65\H224002.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

Sample #: 2
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 05:22 PM
 Low Point : 49.03 mV
 Plot Offset: 49 mV
 High Point : 101.15 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 3

Study :

Operator : manager

Instrument : HP-SFC

Channel : B A/D mV Range : 1000

AutoSampler : HP7673A

Injection/Vial : 0/2

Interface Serial # : NONE Data Acquisition Time: 2/24/05 05:58 PM

Delay Time : 0.00 min.

Stand Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224003.RAW

Result File : C:\DATA65\I224003.rst

Inst Method : PCB2CH from C:\DATA65\I224003.rst

Proc Method : C:\DATA65\I1016228.mth

Calib Method : C:\DATA65\I1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 113

PCB REPORT

=====
P-SFC CHANNEL I
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.093	2565		0.11	0.1057
2	0.517	423		0.02	0.0174
3	0.930	14202		0.59	0.5852
4	1.276	120265		4.96	4.9556
5	1.496	86365		3.56	3.5587
6	1.554	734167		30.25	30.2518
7	2.247	6711		0.28	0.2765
8	2.818	192		0.01	0.0079

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.583	1666		0.07	0.0687
11	3.877	4651		0.19	0.1917
12	3.955	1511		0.06	0.0623
13	4.162	306		0.01	0.0126
14	4.663	234		0.01	0.0096
15	4.794	678		0.03	0.0279
16	4.936	313		0.01	0.0129
17	5.394	1733		0.07	0.0714
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
18	6.283	1044		0.04	0.0430
19	6.887	2058		0.08	0.0848
20	7.724	1141		0.05	0.0470
21	7.898	2344		0.10	0.0966
22	8.443	435		0.02	0.0179
23	8.658	919		0.39	0.3925
24	8.811	867		0.37	0.3702
25	9.110	186		0.08	0.0794
26	9.263	6026		2.57	2.5739
27	9.808	267		0.11	0.1141
28	9.942	1520		0.65	0.6495
29	10.041	2896		1.24	1.2369
30	10.424	2259		0.97	0.9650
31	10.499	1885		0.81	0.8054
	10.757	19623	AR1016	5.27	5.2688
33	11.125	2740		1.17	1.1704
34	11.204	6009		2.57	2.5669
35	11.552	2645		4.26	4.2612
36	11.660	2552		4.11	4.1109
37	11.916	2982		4.80	4.8043
39	12.182	2706		4.36	4.3593
40	12.788	7752		10.16	10.1623
42	13.568	1567		2.05	2.0544
43	13.859	2504		3.28	3.2833
44	13.962	343		0.45	0.4493
45	14.106	890		1.17	1.1673
46	14.217	761		1.00	0.9975
47	14.469	8104		10.62	10.6248
48	14.706	5899		7.73	7.7330
49	15.003	591		0.77	0.7750
50	15.160	1165		1.53	1.5267
51	15.341	1480		1.94	1.9406
52	16.010	29298		38.41	38.4097
53	16.674	18192		23.85	23.8491
54	16.899	1311		1.72	1.7193
55	17.287	18571		24.35	24.3462
56	17.559	33166		43.48	43.4799
57	18.368	73941		96.94	96.9351
58	18.575	24661		32.33	32.3299
59	19.478	40549		53.16	53.1587
60	19.704	16526		0.54	0.5382
61	19.933	4122		0.13	0.1343
62	20.021	1850		0.06	0.0603
63	20.105	1385		0.05	0.0451
54	20.154	563		0.02	0.0183
55	20.327	176		0.01	0.0057
56	20.570	1895		0.06	0.0617
57	20.790	943		0.03	0.0307
58	20.947	467		0.02	0.0152
59	21.091	1086		0.04	0.0354
60	21.170	382		0.01	0.0124
61	21.259	246		0.01	0.0080
62	21.546	46865		1.53	1.5264
63	21.844	2154		0.07	0.0702
64	21.931	1400		0.05	0.0456
65	22.005	490		0.02	0.0160
66	22.160	497		0.02	0.0162
67	22.243	375		0.01	0.0122
68	22.326	446		0.01	0.0145
69	22.403	615		0.02	0.0200
70	22.475	458		0.01	0.0149
71	22.546	746		0.02	0.0243
72	22.641	952		0.03	0.0310
73	22.712	790		0.03	0.0257
74	22.867	7911		0.26	0.2577
75	23.014	15744		0.51	0.5128
76	23.189	25305		0.82	0.8242
77	23.329	35997		1.17	1.1724
78	23.392	36841		1.20	1.1999

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	24.325	37942		1.24	1.2358
91	24.536	9254		0.30	0.3014
92	24.797	2660		0.09	0.0866
93	25.023	2050		0.07	0.0668
94	25.089	550		0.02	0.0179
95	25.253	652		0.02	0.0212
96	25.561	1817		0.06	0.0592
97	25.794	1202		0.04	0.0392
98	25.962	1329		0.04	0.0433
99	26.102	1273		0.04	0.0415
00	26.165	0	Decachlorobiphenyl	0.00	0.0000
00	26.416	1158		0.04	0.0377
01	26.499	510		0.02	0.0166
02	26.729	1031		0.03	0.0336
03	26.881	1420		0.05	0.0463
04	26.973	1108		0.04	0.0361
05	27.024	532		0.02	0.0173
06	27.275	2721		0.09	0.0886
07	28.943	111565		3.63	3.6337
08	29.128	3566		0.12	0.1161
09	29.599	1040		0.03	0.0339
10	29.881	1395		0.05	0.0454
11	30.133	4636		0.15	0.1510
12	30.788	4744		0.15	0.1545
13	31.064	1567		0.05	0.0511
		1716382		442.43	442.4258

Group Report For : AR1016

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
32	10.757	12298	AR1016-1	5.25	5.2531
38	12.044	3305	AR1016-2	5.32	5.3246
41	13.199	4021	AR1016-3	5.27	5.2714
		19623		15.85	15.8490

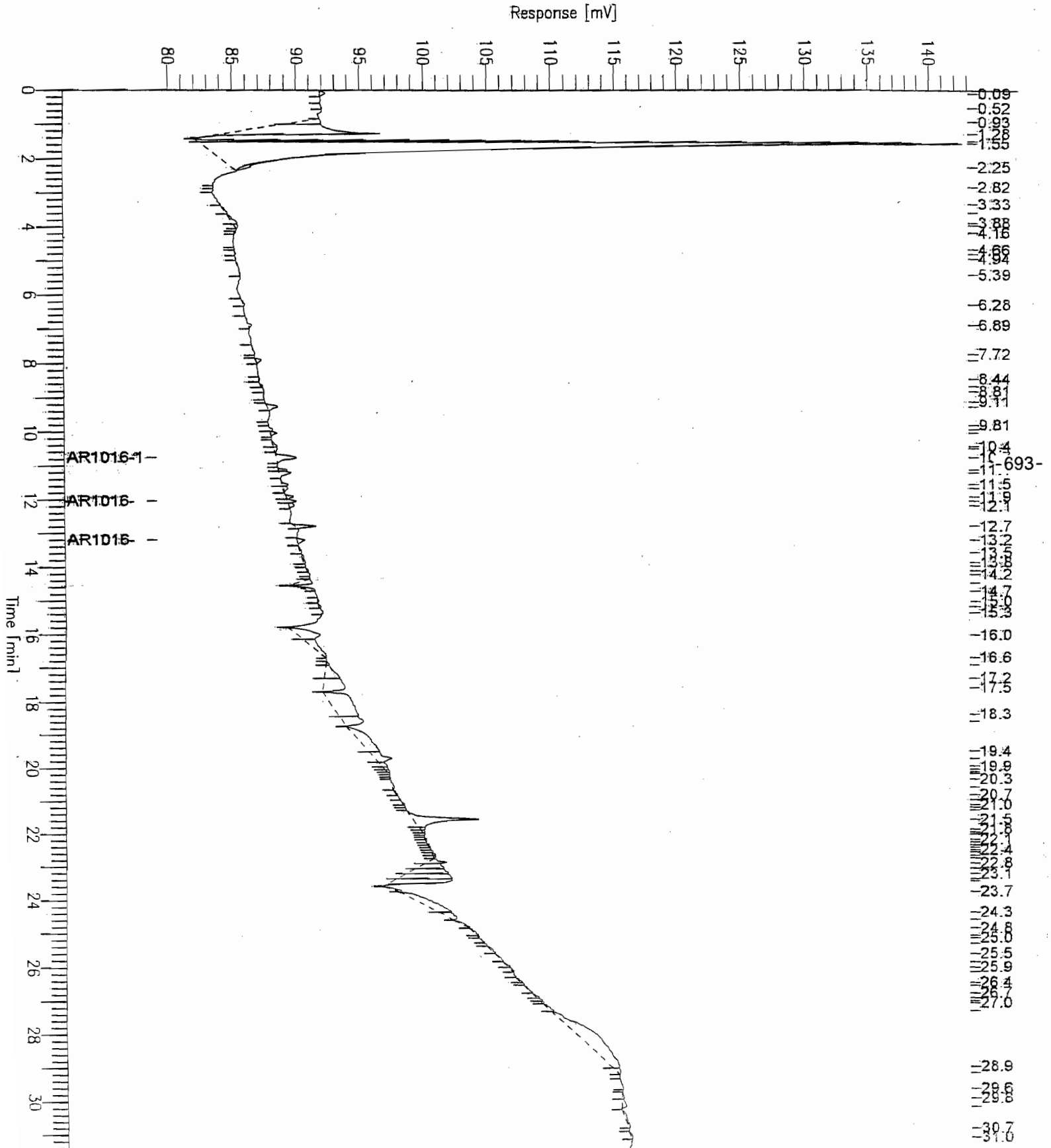
=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224003.TX0

Chromatogram - ECD#1

Sample Name : AR1016 5PPB
 FileName : C:\DATA65\I224003.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

Sample #: 3
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 05:58 PM
 Low Point : 79.13 mV
 Plot Scale: 64.0 mV
 High Point : 143.13 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 20PPB

Time : 3/1/05 11:50 AM

Sample Number: 3

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

Inlet Sampler : HP7673A

Inject/Vial : 0/3

Interface Serial # : NONE Data Acquisition Time: 2/24/05 05:58 PM

Delay Time : 0.00 min.

Load Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224003.RAW

Result File : C:\DATA65\H224003.rst

Inst Method : PCB2CH from C:\DATA65\H224003.rst

Proc Method : C:\DATA65\H1016228.mth

Calib Method : C:\DATA65\H1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-694-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 84

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.813	171130		19.23	19.2270
2	1.006	92576		10.40	10.4011
3	1.063	453102		50.91	50.9074
4	2.868	3189		0.36	0.3583
5	4.019	231		0.03	0.0259
6	4.743	3090		0.35	0.3472
7	5.822	3408		0.38	0.3829

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	7.820	758		0.09	0.0851
11	8.108	539		0.06	0.0606
12	8.416	5225		0.59	0.5870
13	8.909	1835		5.94	5.9409
14	9.612	1805		5.84	5.8440
16	9.855	5286		17.11	17.1144
17	10.087	749		2.42	2.4239
18	10.394	3791		12.27	12.2718
19	10.510	3444		11.15	11.1481
20	10.803	2895		4.82	4.8195
21	11.178	858		1.43	1.4286
22	11.319	1558		2.59	2.5934
23	11.415	2419		4.03	4.0264
24	11.719	9470		15.76	15.7630
	11.810	24501	AR1016	20.15	20.1525
26	11.899	10384		17.28	17.2848
27	12.318	7538		12.55	12.5482
28	12.469	921		1.53	1.5333
29	12.616	4075		6.78	6.7831
30	12.827	6310		20.61	20.6112
31	12.996	7190		23.49	23.4863
32	13.151	2515		8.22	8.2156
34	13.666	2678		8.75	8.7483
35	13.840	639		2.09	2.0858
36	14.143	1036		3.38	3.3835
37	14.889	2709		8.85	8.8478
38	15.118	3371		11.01	11.0130
39	15.238	1447		4.73	4.7281
40	15.384	627		2.05	2.0466
41	15.826	1360		4.44	4.4442
42	16.124	805		2.63	2.6289
43	18.385	9856		32.20	32.1954
44	18.614	13622		44.50	44.4989
45	18.848	6653		21.73	21.7342
46	18.935	3203		10.46	10.4643
47	19.634	8388		27.40	27.3991
48	19.796	374		1.22	1.2215
49	22.265	14731		0.87	0.8742
50	22.582	900		0.05	0.0534
51	23.356	3295		0.20	0.1955
52	23.929	4427		0.26	0.2627
53	24.046	348		0.02	0.0206
54	27.033	41326		2.45	2.4524
55	27.178	3682		0.22	0.2185
56	27.422	7815		0.46	0.4638
57	27.635	7720		0.46	0.4581
58	27.705	1300		0.08	0.0771
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
59	28.090	6344		0.38	0.3765
60	28.154	237		0.01	0.0141
61	28.370	1038		0.06	0.0616
62	28.574	1111		0.07	0.0659
63	28.653	242		0.01	0.0144
64	28.778	490		0.03	0.0290
65	28.892	372		0.02	0.0221
66	29.028	637		0.04	0.0378
67	29.093	390		0.02	0.0232
68	29.230	822		0.05	0.0488
69	29.299	830		0.05	0.0493
70	29.435	280		0.02	0.0166
71	29.557	723		0.04	0.0429
72	29.795	1275		0.08	0.0757
73	29.946	570		0.03	0.0338
74	30.109	303		0.02	0.0180
75	30.252	325		0.02	0.0193
76	30.384	289		0.02	0.0172
77	30.564	1557		0.09	0.0924
78	30.828	781		0.05	0.0464
79	30.953	533		0.03	0.0316
80	31.160	306		0.02	0.0182
81	31.333	952		0.06	0.0565
82	31.441	125		0.01	0.0074
83	31.648	149		0.01	0.0089
84	31.828	232		0.01	0.0138

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Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
15	9.750	6575	AR1016-1	21.29	21.2871
25	11.810	12233	AR1016-2	20.36	20.3630
33	13.508	5692	AR1016-3	18.59	18.5948
24501				60.24	60.2449

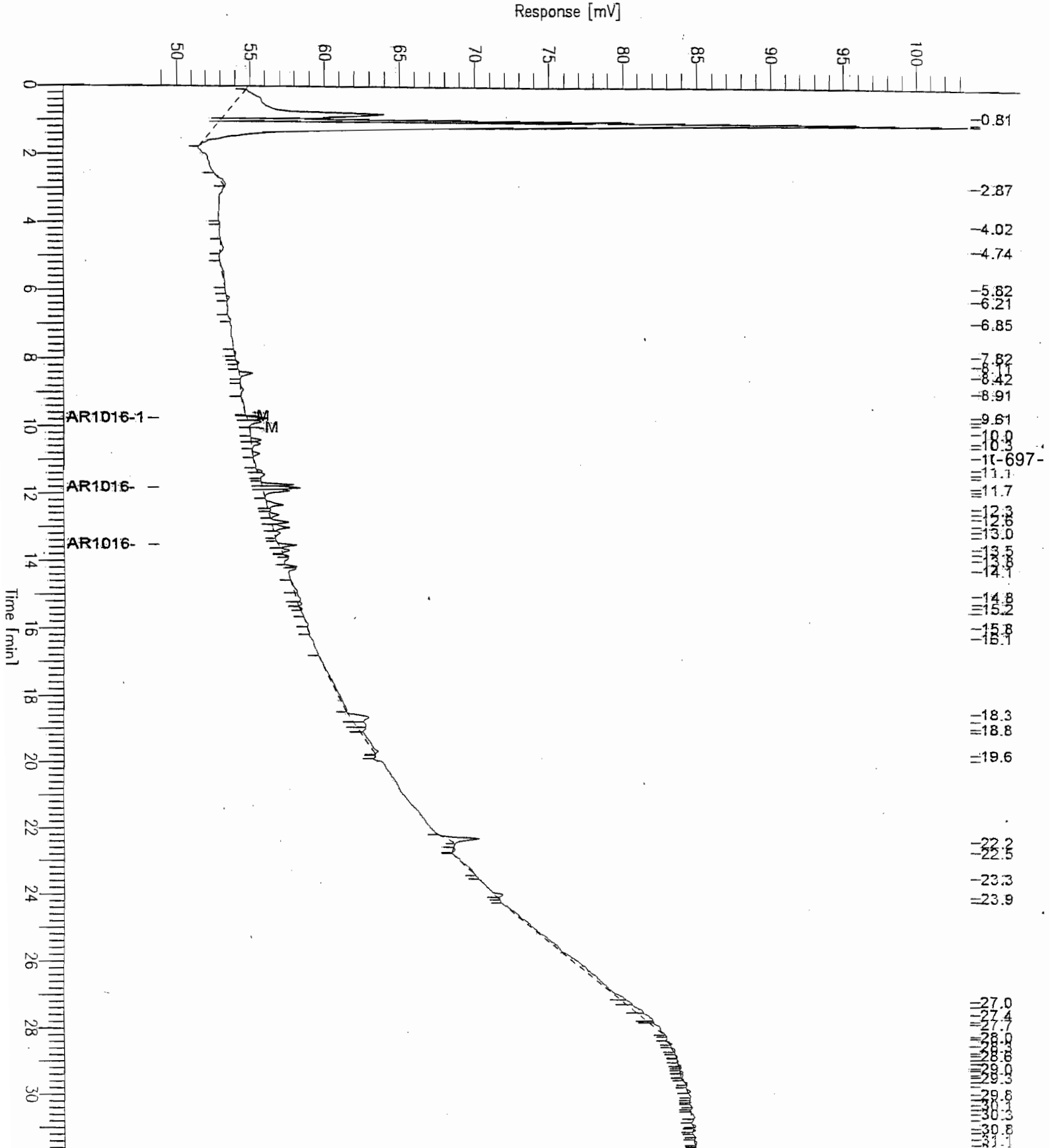
=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224003.TX0

Chromatogram - ECD#1

Sample Name : AR1016 20PPB
 FileName : C:\DATA65\H224003.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

Sample #: 3
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 05:58 PM
 Low Point : 48.90 mV
 High Point : 103.71 mV
 Plot Offset: 49 mV
 Plot Scale: 54.8 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 20PPB

Time : 3/1/05 11:50 AM

Sample Number: 4

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/3

Interface Serial # : NONE Data Acquisition Time: 2/24/05 06:34 PM

Delay Time : 0.00 min.

Stand Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224004.RAW

Result File : C:\DATA65\I224004.rst

Inst Method : PCB2CH from C:\DATA65\I224004.rst

Proc Method : C:\DATA65\I1016228.mth

Calib Method : C:\DATA65\I1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-698-

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 98

PCB REPORT

=====
P-SFC CHANNEL I
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.148	4475		0.18	0.1844
2	0.537	297		0.01	0.0122
3	1.275	115285		4.75	4.7504
4	1.496	84364		3.48	3.4763
5	1.555	695411		28.65	28.6549
6	2.246	7380		0.30	0.3041
7	2.829	819		0.03	0.0337
8	3.100	588		0.02	0.0242
9	3.247	501		0.02	0.0206

Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
3.887	1229			
4.796	152		0.05	0.0506
5.118	1313		0.01	0.0062
5.404	1636		0.05	0.0541
6.255	0	Tetrachloro-m-xylene	0.07	0.0674
6.269	2366		0.00	0.0000
6.708	687		0.10	0.0975
6.896	1986		0.03	0.0283
7.259	1118		0.08	0.0818
7.424	116		0.05	0.0461
7.562	287		0.00	0.0048
7.706	2099		0.01	0.0118
7.895	13556		0.09	0.0865
8.637	1323		0.56	0.5586
8.805	165		0.57	0.5651
8.886	521		0.07	0.0705
9.252	22606		0.22	0.2224
9.603	546		9.66	9.6565
9.928	4962		0.23	0.2333
10.034	11701		2.12	2.1197
10.417	5212		5.00	4.9983
10.496	5232		2.23	2.2263
10.762	83682	AR1016	2.24	2.2351
11.210	29930		22.47	22.4681
11.552	8640		12.78	12.7848
11.648	5705		13.92	13.9205
11.911	12886		9.19	9.1920
12.168	12233		20.76	20.7605
12.791	23640		19.71	19.7094
12.919	9127		30.99	30.9918
13.502	1687		11.97	11.9652
13.684	3579		2.21	2.2113
13.874	627		4.69	4.6926
14.086	2398		0.82	0.8224
14.216	3604		3.14	3.1436
14.707	3599		4.73	4.7253
14.997	2654		4.72	4.7188
15.157	307		3.48	3.4796
16.012	34597		0.40	0.4019
17.519	151726		45.36	45.3564
18.167	51774		198.91	198.9108
18.558	44949		67.88	67.8752
19.476	38082		58.93	58.9278
19.696	10923		49.92	49.9247
20.178	647		0.36	0.3558
20.325	1011		0.02	0.0211
20.614	2362		0.03	0.0329
20.786	939		0.08	0.0769
20.936	993		0.03	0.0306
21.085	634		0.03	0.0323
21.255	313		0.02	0.0206
21.546	33371		0.01	0.0102
21.864	391		1.09	1.0869
21.941	302		0.01	0.0127
22.016	298		0.01	0.0098
22.091	134		0.01	0.0097
22.166	291		0.00	0.0044
22.241	424		0.01	0.0095
22.326	599		0.01	0.0138
22.386	562		0.02	0.0195
22.547	503		0.02	0.0183
22.703	1406		0.02	0.0164
22.868	4774		0.05	0.0458
23.016	2917		0.16	0.1555
23.324	3152		0.10	0.0950
24.327	44829		0.10	0.1027
24.481	3785		1.46	1.4601
24.945	10103		0.12	0.1233
25.329	12928		0.33	0.3291
25.721	16202		0.42	0.4211
25.797	2384		0.53	0.5277
25.857	981		0.08	0.0776
26.109	6339		0.03	0.0320
26.165	0	Decachlorobiphenyl	0.21	0.2065
26.191	1618		0.00	0.0000
26.413	5063		0.05	0.0527
26.488	1030		0.16	0.1649
26.967	7079		0.03	0.0336

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	9.262	574		0.31	0.0031
11	10.196	281		0.15	0.0015
13	11.117	859		0.47	0.0047
14	11.923	421		0.89	0.0089
15	12.779	3520		7.40	0.0740
	14.073	3675	AR1242	1.30	0.0130
17	14.199	4176		8.26	0.0826
18	14.311	34337		67.93	0.6793
19	14.689	14413		28.52	0.2852
20	14.860	12033		23.81	0.2381
21	15.048	3684		7.29	0.0729
22	15.792	623		1.23	0.0123
23	15.995	923		1.83	0.0183
24	16.385	2145		4.24	0.0424
25	17.043	1432		2.83	0.0283
26	17.163	1932		3.82	0.0382
27	17.772	5789		11.45	0.1145
28	18.210	1155		2.28	0.0228
29	18.302	1475		2.92	0.0292
30	18.581	792		1.57	0.0157
31	18.949	4220		8.35	0.0835
32	19.272	404		0.80	0.0080
33	19.697	347		0.69	0.0069
34	20.116	521		0.02	0.0002
35	20.701	385		0.01	0.0001
36	21.080	592		0.02	0.0002
37	21.540	5436		0.18	0.0018
38	21.919	1888		0.06	0.0006
39	22.307	519		0.02	0.0002
40	23.244	230		0.01	0.0001
41	25.310	1059		0.03	0.0003
42	26.151	331633	Decachlorobiphenyl	10.80	0.1080
43	29.397	11417		0.37	0.0037
44	29.034	1635		0.05	0.0005
		30590294		1441.27	14.4127

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Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
12	10.755	1252	AR1242-1	0.68	0.0068
0	12.042	0	AR1242-2	0.00	0.0000
16	14.073	2423	AR1242-3	4.79	0.0479
		3675		5.47	0.0547

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I510015.TX0

Chromatogram - ECD#1

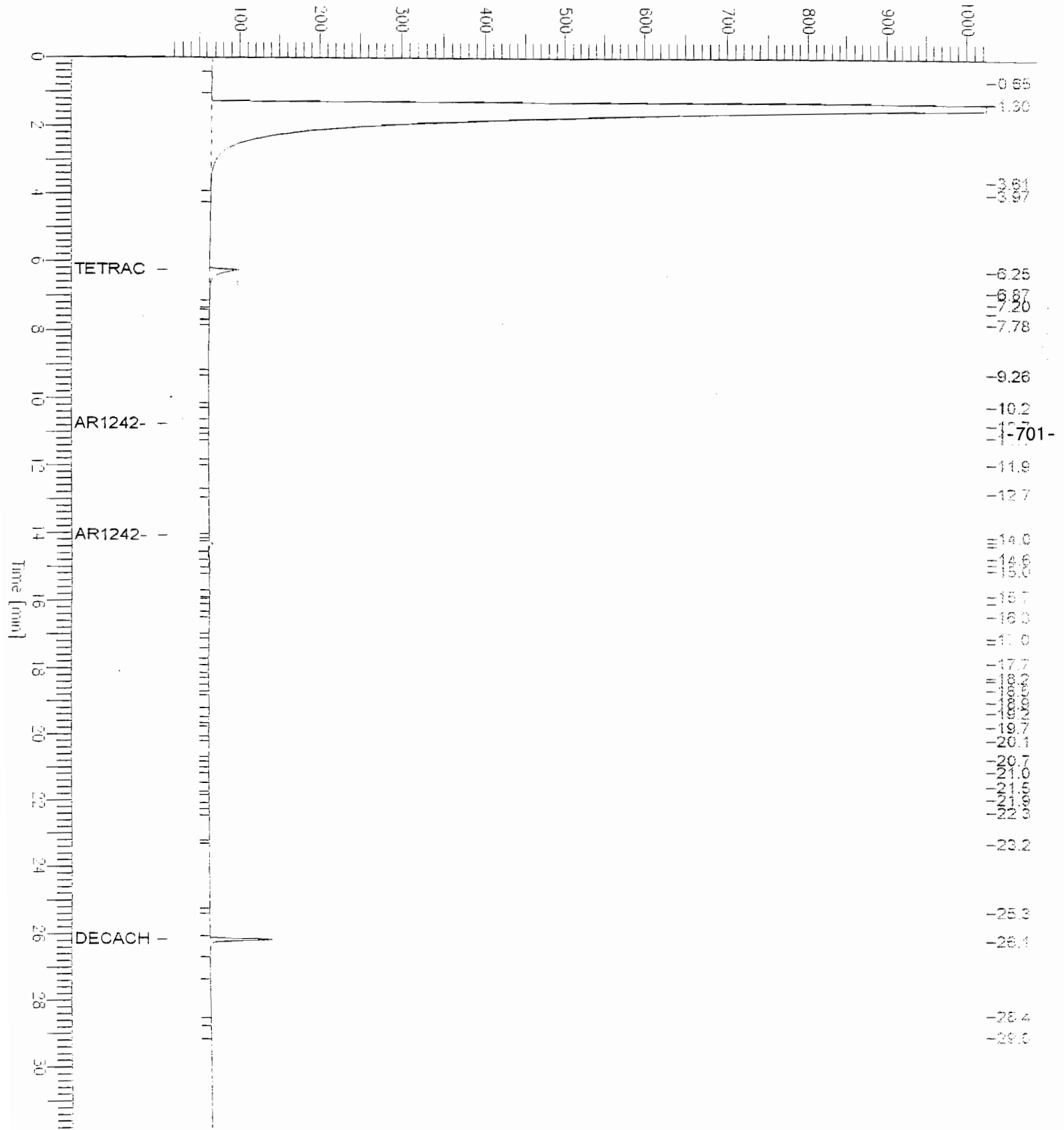
Sample Name : U0504323-0121
 FileName : C:\DATA65\I510015.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 13 mV

Sample #: 15
 Date : 5/11/05 09:35 AM
 Time of Injection: 5/10/05 05:50 PM
 Low Point : 13.24 mV
 Plot Scale: 1010.8 mV
 High Point : 1024.00 mV

Page 1 of 1

Response [mV]



Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	27.196	2372		0.08	0.0773
90	27.425	5012		0.16	0.1632
91	28.486	76733		2.50	2.4992
92	29.182	32548		1.06	1.0601
93	29.956	1688		0.05	0.0550
94	30.097	187		0.01	0.0061
95	30.584	2784		0.09	0.0907
96	31.121	433		0.01	0.0141
97	31.493	2975		0.10	0.0969
98	31.844	976		0.03	0.0318
		1819527		657.84	657.8365

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	10.762	53913	AR1016-1	23.03	23.0297
36	12.042	14349	AR1016-2	23.12	23.1177
40	13.199	15420	AR1016-3	20.22	20.2160
		83682		66.36	66.3633

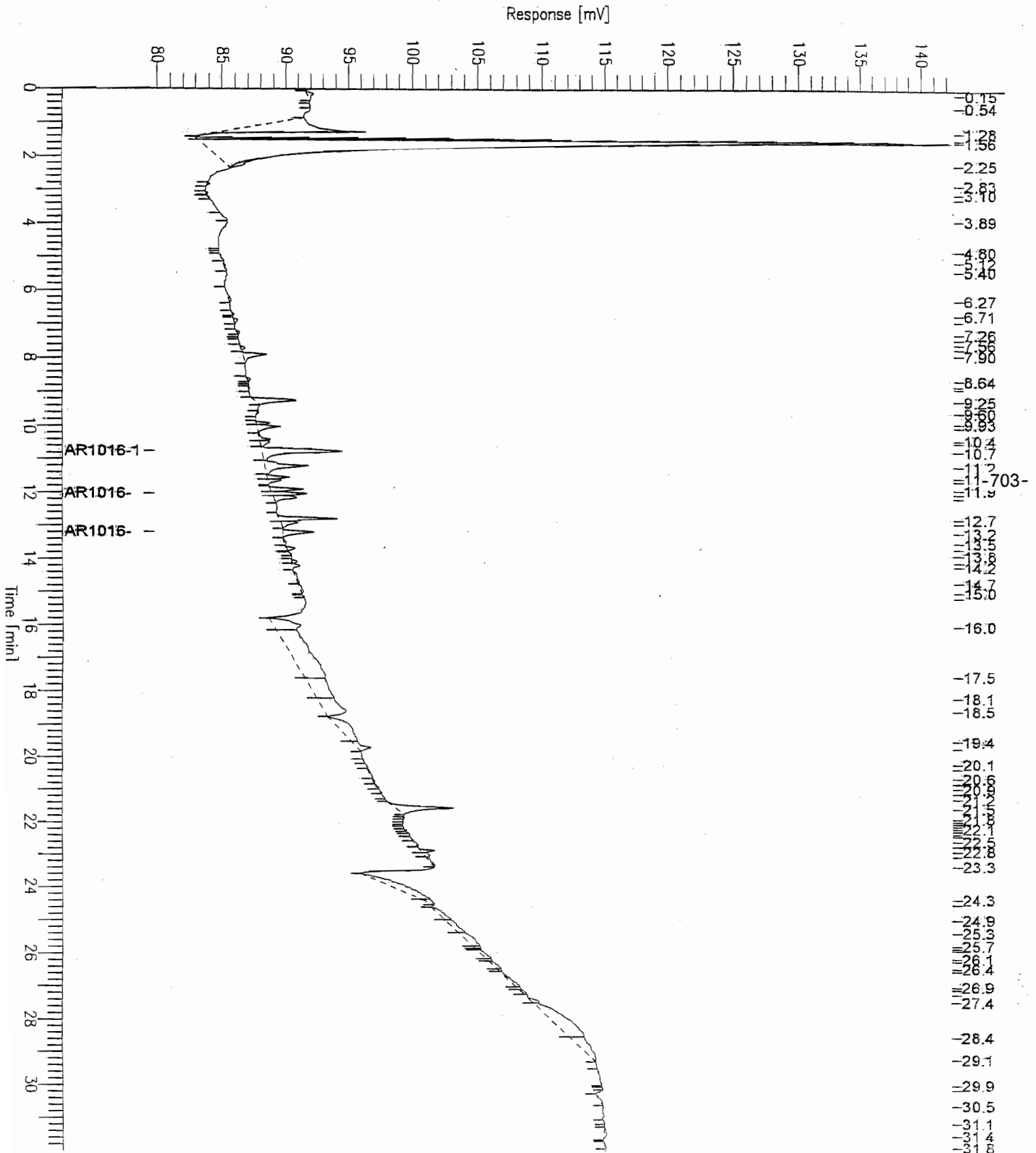
=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224004.TX0

Chromatogram - ECD#1

Sample Name : AR1016 20PPB
 FileName : C:\DATA65\I224004.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

Sample #: 4
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 06:34 PM
 Low Point : 79.94 mV
 High Point : 142.64 mV
 Plot Scale: 62.7 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 100PPB

Time : 3/1/05 11:50 AM

Sample Number: 4

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/4

Interface Serial # : NONE Data Acquisition Time: 2/24/05 06:34 PM

Delay Time : 0.00 min.

Stand Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224004.RAW

Result File : C:\DATA65\H224004.rst

Inst Method : PCB2CH from C:\DATA65\H224004.rst

Proc Method : C:\DATA65\H1016228.mth

Calib Method : C:\DATA65\H1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-704-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 83

PCB REPORT

=====
P-SFC CHANNEL H
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.815	162341		18.24	18.2395
2	1.004	93647		10.52	10.5215
3	1.061	450309		50.59	50.5935
4	2.895	5991		0.67	0.6731
5	4.022	297		0.03	0.0334
6	4.810	1325		0.15	0.1489
7	5.513	447		0.05	0.0502
8	6.198	775		0.09	0.0871

Peak #	Time [min]	Area [$\mu\text{V}\cdot\text{sec}$]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	7.825	3230		0.36	0.3629
11	8.103	4450		0.50	0.5000
12	8.416	25878		2.91	2.9075
13	8.901	3728		12.07	12.0693
14	9.309	391		1.26	1.2648
16	9.854	20951		67.83	67.8255
17	10.085	1682		5.45	5.4453
18	10.396	17070		55.26	55.2615
19	10.509	16514		53.46	53.4617
20	10.811	2028		3.38	3.3761
21	11.028	1127		1.88	1.8756
22	11.312	7679		12.78	12.7822
23	11.413	8621		14.35	14.3506
24	11.719	44073		73.36	73.3630
	11.810	112327	AR1016	92.39	92.3914
26	11.899	49356		82.16	82.1563
27	12.318	31497		52.43	52.4296
28	12.466	4625		7.70	7.6980
29	12.615	3118		5.19	5.1907
30	12.827	26945		88.02	88.0201
31	12.996	30556		99.82	99.8160
32	13.151	9651		31.53	31.5262
34	13.666	14742		48.16	48.1574
35	13.843	8077		26.39	26.3860
36	13.915	6293		20.56	20.5555
37	14.144	12955		42.32	42.3176
38	14.199	12400		40.51	40.5076
39	14.893	1177		3.85	3.8450
40	15.124	6370		20.81	20.8095
41	15.242	4112		13.43	13.4312
42	15.381	2600		8.49	8.4928
43	15.861	2936		9.59	9.5905
44	16.053	1222		3.99	3.9922
45	18.385	4066		13.28	13.2837
46	18.621	16025		52.35	52.3464
47	18.877	7648		24.98	24.9836
48	19.626	12793		41.79	41.7891
49	19.777	2337		7.63	7.6337
50	21.500	9616		0.57	0.5706
51	22.263	26158		1.55	1.5523
52	22.503	2788		0.17	0.1654
53	22.583	2992		0.18	0.1775
54	23.934	7494		0.44	0.4447
55	24.124	1204		0.07	0.0715
56	25.518	13435		0.80	0.7973
57	27.071	12647		0.75	0.7505
58	27.320	1401		0.08	0.0831
59	27.495	1546		0.09	0.0917
60	27.648	1017		0.06	0.0604
60	27.786	0	Decachlorobiphenyl	0.00	0.0000
61	27.919	2652		0.16	0.1574
62	28.161	1510		0.09	0.0896
63	28.480	1430		0.08	0.0849
64	28.684	358		0.02	0.0212
65	28.862	1300		0.08	0.0771
66	28.947	612		0.04	0.0363
67	29.071	1732		0.10	0.1028
68	29.281	2615		0.16	0.1552
69	29.387	1045		0.06	0.0620
70	29.484	1628		0.10	0.0966
71	29.665	3846		0.23	0.2282
72	29.790	1749		0.10	0.1038
73	29.914	1874		0.11	0.1112
74	30.056	2185		0.13	0.1297
75	30.229	1648		0.10	0.0978
76	30.426	1193		0.07	0.0708
77	30.596	388		0.02	0.0230
78	30.820	886		0.05	0.0526
79	30.987	272		0.02	0.0161
80	31.271	522		0.03	0.0310
81	31.577	277		0.02	0.0165
82	31.650	622		0.04	0.0369
83	31.794	1184		0.07	0.0703

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Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component - Name	On Column ppb	Sample Results ug/L, ug/kg, ng
15	9.750	29561	AR1016-1	95.70	95.6992
25	11.810	55557	AR1016-2	92.48	92.4789
33	13.508	27209	AR1016-3	88.88	88.8821
		112327		277.06	277.0602

INSTR. 65 : DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224004.TXD

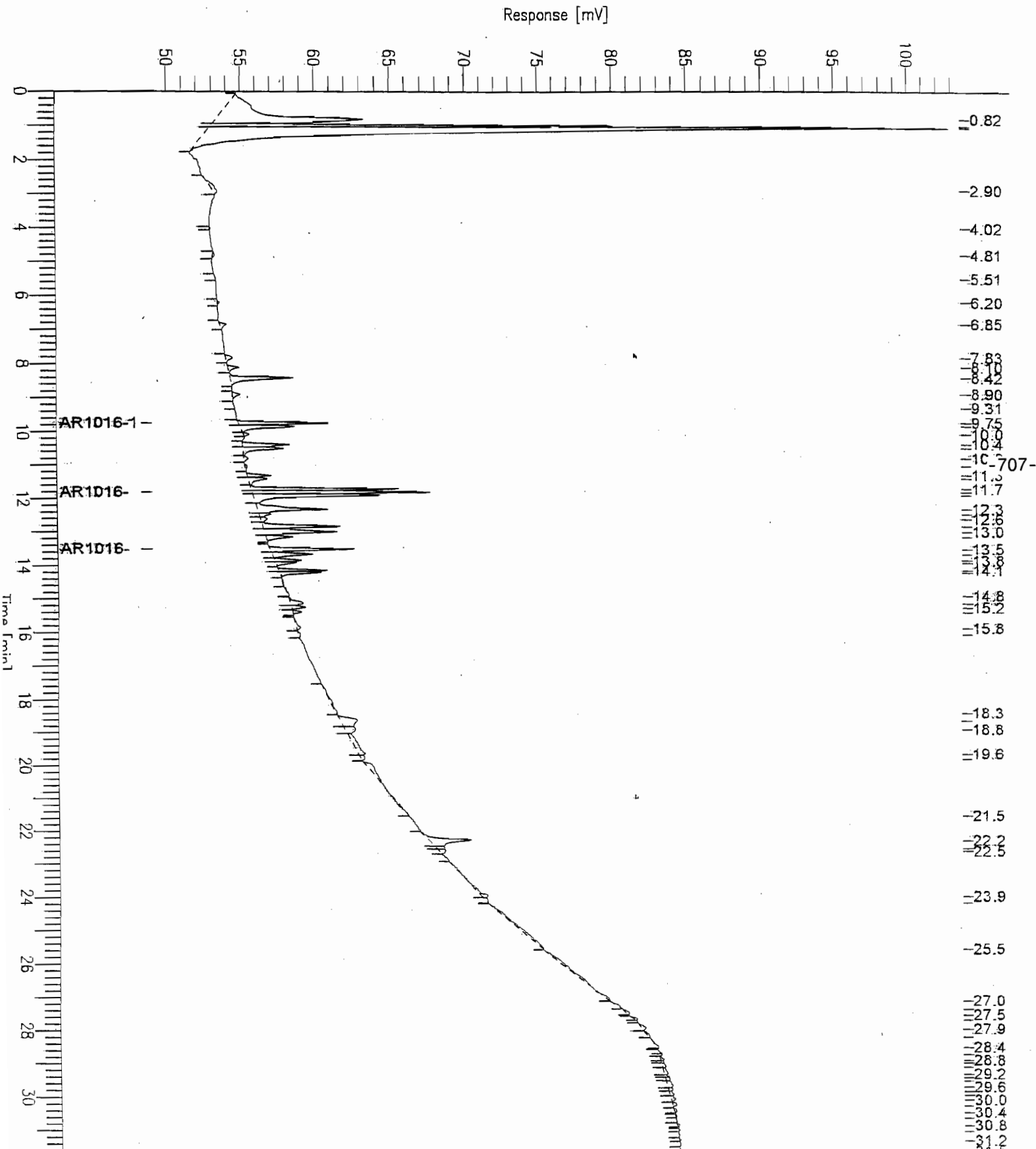
Chromatogram - ECD#1

Sample Name : AR1016-100PPB
File Name : C:\DATA65\H224004.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 49 mV

Sample #: 4
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 06:34 PM
Low Point : 49.01 mV
High Point : 103.67 mV
Plot Scale : 54.7 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1016 100PPB

Time : 3/1/05 11:50 AM

Sample Number: 5

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/4

Interface Serial # : NONE Data Acquisition Time: 2/24/05 07:10 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224005.RAW

Result File : C:\DATA65\I224005.rst

Inst Method : PCB2CH from C:\DATA65\I224005.rst

Proc Method : C:\DATA65\I1016228.mth

Calib Method : C:\DATA65\I1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-708-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 93

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.110	2008		0.08	0.0827
2	1.276	111734		4.60	4.6041
3	1.499	81313		3.35	3.3505
4	1.558	706685		29.12	29.1194
5	2.249	7612		0.31	0.3136
6	2.830	328		0.01	0.0135
7	3.082	729		0.03	0.0300
8	3.190	404		0.02	0.0167
9	3.339	316		0.01	0.0130

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	3.881	3552			
1	4.937	385		0.15	0.1464
0	6.255	0	Tetrachloro-m-xylene	0.02	0.0159
2	6.274	1951		0.00	0.0000
3	6.689	8943		0.08	0.0804
4	6.879	4991		0.37	0.3685
5	7.238	9796		0.21	0.2057
6	7.699	9510		0.40	0.4036
7	7.893	62192		0.39	0.3919
8	8.630	7147		2.56	2.5627
9	8.958	133		3.05	3.0528
0	9.250	121531		0.06	0.0568
1	9.607	3160		51.91	51.9135
2	9.930	23493		1.35	1.3500
3	10.034	50871		10.04	10.0352
4	10.417	12531		21.73	21.7300
5	10.489	13245		5.35	5.3529
	10.763	350728	AR1016	5.66	5.6579
7	11.210	91030		94.17	94.1677
8	11.552	37705		38.88	38.8846
9	11.645	22309		60.75	60.7476
0	11.910	52301		35.94	35.9424
12	12.165	48928		84.26	84.2631
13	12.793	73667		78.83	78.8289
14	12.920	36967		96.58	96.5761
16	13.495	1729		48.46	48.4626
17	13.687	14960		2.27	2.2671
18	13.855	6095		19.61	19.6123
19	14.083	11659		7.99	7.9905
20	14.211	19044		15.29	15.2851
21	14.460	7776		24.97	24.9664
22	14.999	17143		10.19	10.1947
23	15.132	2504		22.47	22.4738
24	16.030	28635		3.28	3.2822
25	16.604	35810		37.54	37.5397
26	17.516	24796		46.95	46.9459
27	18.399	53719		32.51	32.5069
28	18.584	24507		70.42	70.4250
29	19.100	6021		32.13	32.1285
30	19.316	583		7.89	7.8938
31	19.410	241		0.76	0.7642
32	19.702	4222		0.32	0.3160
33	19.937	430		0.14	0.1375
34	20.089	268		0.01	0.0140
35	20.333	1018		0.01	0.0087
36	20.559	572		0.03	0.0332
37	20.944	2055		0.02	0.0186
38	21.184	1121		0.07	0.0669
39	21.547	49643		0.04	0.0365
40	21.779	2913		1.62	1.6169
41	21.862	2420		0.09	0.0949
42	21.925	777		0.08	0.0788
43	22.173	906		0.03	0.0253
44	22.385	1023		0.03	0.0295
45	22.543	2019		0.03	0.0333
46	22.626	1350		0.07	0.0658
47	22.699	1278		0.04	0.0440
48	22.867	6214		0.04	0.0416
49	23.012	1304		0.20	0.2024
50	23.097	821		0.04	0.0425
51	23.165	1120		0.03	0.0268
52	23.246	983		0.04	0.0365
53	23.323	485		0.03	0.0320
54	24.482	128985		0.02	0.0158
55	25.255	96341		4.20	4.2011
56	25.630	46214		3.14	3.1379
57	25.709	8481		1.51	1.5052
58	26.089	32375		0.28	0.2762
59	26.165	0	Decachlorobiphenyl	1.05	1.0545
60	26.198	5012		0.00	0.0000
61	26.500	11637		0.16	0.1632
62	26.559	1938		0.38	0.3790
63	26.881	6655		0.06	0.0631
64	26.959	616		0.22	0.2167
65	27.196	708		0.02	0.0201
66	27.444	3870		0.02	0.0231
67	28.475	25891		0.13	0.1260
68	28.836	1004		0.84	0.8433
69	29.820	2374		0.03	0.0327
70				0.08	0.0772

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	30.040	512		0.02	0.0167
90	30.512	4514		0.15	0.1470
91	30.779	3941		0.13	0.1284
92	31.300	2052		0.07	0.0668
93	31.921	123		0.00	0.0040
		2679605		1028.52	1028.5165

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
26	10.763	220803	AR1016-1	94.32	94.3185
31	12.042	58733	AR1016-2	94.63	94.6264
35	13.197	71192	AR1016-3	93.33	93.3315
		350728		282.28	282.2764

INSTR. 65 : : RTX-CLP2, 30m x 0.32mmID, .25um film

Report stored in ASCII file: C:\DATA65\I224005.TX0

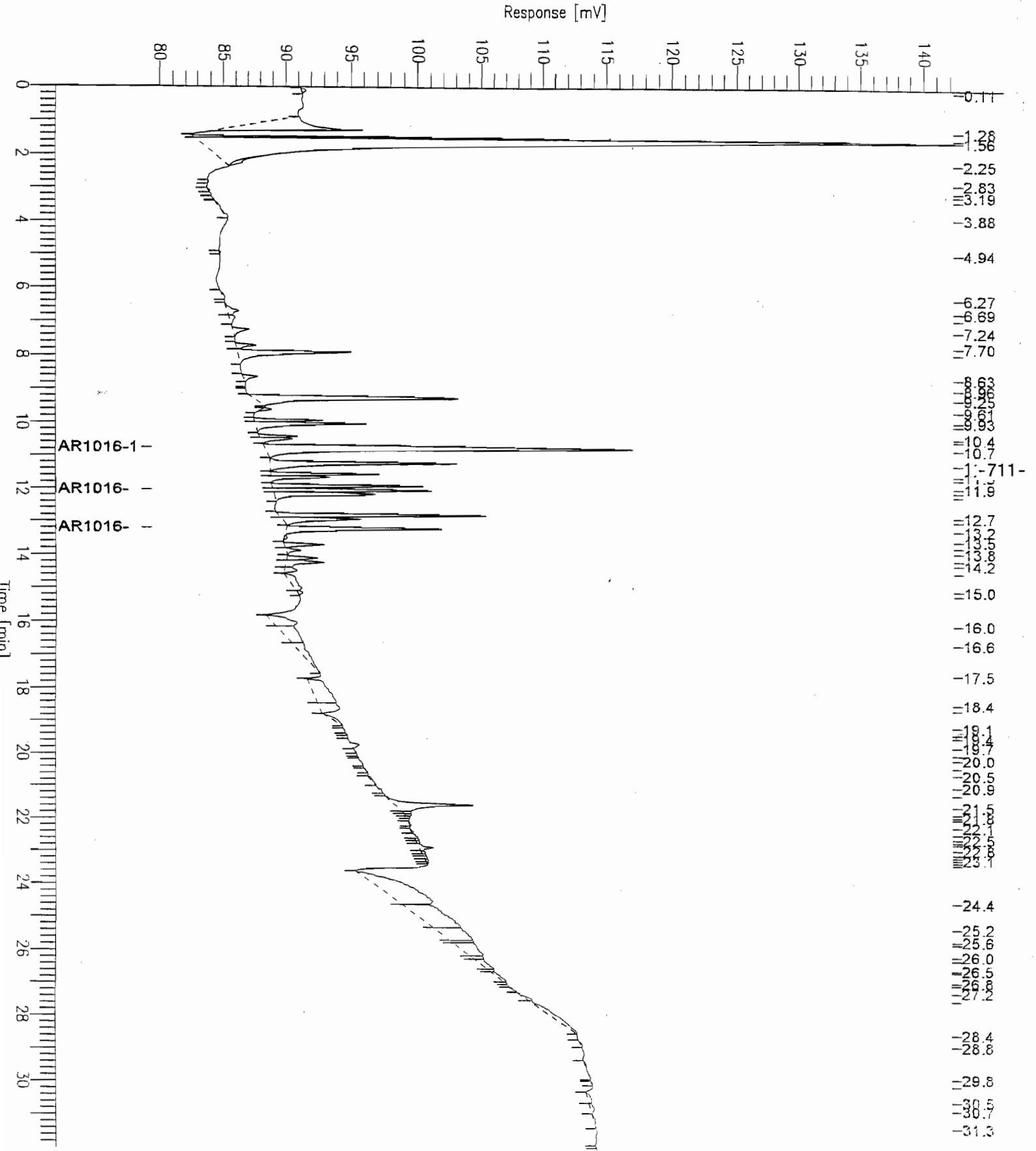
Chromatogram - ECD#1

Sample Name : AR1016 100PPB
FileName : C:\DATA65\I224005.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 79 mV

Sample #: 5
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 07:10 PM
Low Point : 79.48 mV
High Point : 142.26 mV
Plot Scale: 62.8 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1016 250PPB

Time : 3/1/05 11:50 AM

Sample Number: 5

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/5

Interface Serial # : NONE Data Acquisition Time: 2/24/05 07:10 PM

Delay Time : 0.00 min.

Wind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224005.RAW

Result File : C:\DATA65\H224005.rst

Inst Method : PCB2CH from C:\DATA65\H224005.rst

Proc Method : C:\DATA65\H1016228.mth

Calib Method : C:\DATA65\H1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-712-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 92

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	33311		3.74	3.7426
2	0.816	37177		4.18	4.1770
3	1.003	913		0.10	0.1025
4	1.054	99502		11.18	11.1793
5	1.653	151214		16.99	16.9893
6	3.668	271		0.03	0.0304
7	4.016	243		0.03	0.0273
8	4.735	1398		0.16	0.1571
9	5.036	337		0.04	0.0378

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.210	7006		0.79	0.7872
11	6.846	7430		0.83	0.8348
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
12	7.450	279		0.03	0.0313
13	7.590	855		0.10	0.0961
14	7.829	10274		1.15	1.1543
15	8.106	14607		1.64	1.6411
16	8.420	74887		8.41	8.4137
17	8.902	12577		40.72	40.7179
18	9.376	897		2.90	2.9048
19	9.603	1346		4.36	4.3581
21	9.855	57608		186.50	186.5008
22	10.089	4338		14.04	14.0431
23	10.401	43209		139.88	139.8829
24	10.513	42089		136.26	136.2577
25	10.808	3704		6.17	6.1654
26	11.029	1226		2.04	2.0413
27	11.136	1383		2.30	2.3021
28	11.316	18985		31.60	31.6011
29	11.414	18687		31.11	31.1064
30	11.724	104705		174.29	174.2891
	11.814	296538	AR1016	243.91	243.9090
32	11.900	128610		214.08	214.0794
33	12.322	71349		118.77	118.7651
34	12.466	4084		6.80	6.7984
35	12.617	26274		43.74	43.7351
36	12.831	61930		202.30	202.3015
37	12.999	75663		247.16	247.1641
38	13.154	24388		79.67	79.6679
40	13.669	38670		126.32	126.3208
41	13.847	21239		69.38	69.3787
42	13.916	17328		56.61	56.6053
43	14.148	12038		39.32	39.3239
44	14.520	256		0.84	0.8378
45	14.693	1289		4.21	4.2108
46	14.819	1542		5.04	5.0375
47	15.126	18756		61.27	61.2682
48	15.243	13328		43.54	43.5378
49	15.385	9737		31.81	31.8070
50	15.578	3527		11.52	11.5212
51	15.857	4599		15.02	15.0224
52	16.040	1872		6.12	6.1153
53	18.380	13842		45.22	45.2163
54	18.624	7787		25.44	25.4374
55	18.783	1926		6.29	6.2914
56	19.625	32658		106.68	106.6814
57	21.503	6232		0.37	0.3698
58	21.578	644		0.04	0.0382
59	21.734	871		0.05	0.0517
60	22.265	40414		2.40	2.3983
61	22.586	213		0.01	0.0126
62	22.867	2343		0.14	0.1391
63	23.928	10140		0.60	0.6017
64	24.123	1383		0.08	0.0821
65	26.794	28721		1.70	1.7044
66	27.377	11721		0.70	0.6956
67	27.449	1488		0.09	0.0883
68	27.621	3738		0.22	0.2218
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
59	27.820	4043		0.24	0.2400
70	28.010	2079		0.12	0.1234
71	28.210	1164		0.07	0.0690
72	28.348	1109		0.07	0.0658
73	28.497	291		0.02	0.0173
74	28.741	1469		0.09	0.0872
75	28.879	732		0.04	0.0434
76	28.923	1032		0.06	0.0612
77	29.195	1879		0.11	0.1115
78	29.299	307		0.02	0.0182
9	29.681	2105		0.12	0.1249
0	29.830	385		0.02	0.0228
1	29.944	651		0.04	0.0387
2	30.135	387		0.02	0.0229
3	30.205	204		0.01	0.0121
4	30.456	751		0.04	0.0445
5	30.559	406		0.02	0.0241
6	30.734	506		0.03	0.0300
7	30.940	647		0.04	0.0384
8	31.148	428		0.03	0.0254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	31.219	177		0.01	0.0105
90	31.462	315		0.02	0.0187
92	31.810	624		0.04	0.0370
		1769288		2640.30	2640.2973

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
20	9.755	74512	AR1016-1	241.23	241.2255
31	11.814	149224	AR1016-2	248.39	248.3933
39	13.512	72802	AR1016-3	237.82	237.8164
		296538		727.44	727.4352

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224005.TX0

Chromatogram - ECD#1

Sample Name : AR1016 250PPB

Sample #: 5

Page 1 of 1

FileName : C:\DATA65\H224005.raw

Date : 3/1/05 11:50 AM

Method : PCB2CH

Time of Injection: 2/24/05 07:10 PM

Start Time : 0.00 min

End Time : 32.00 min

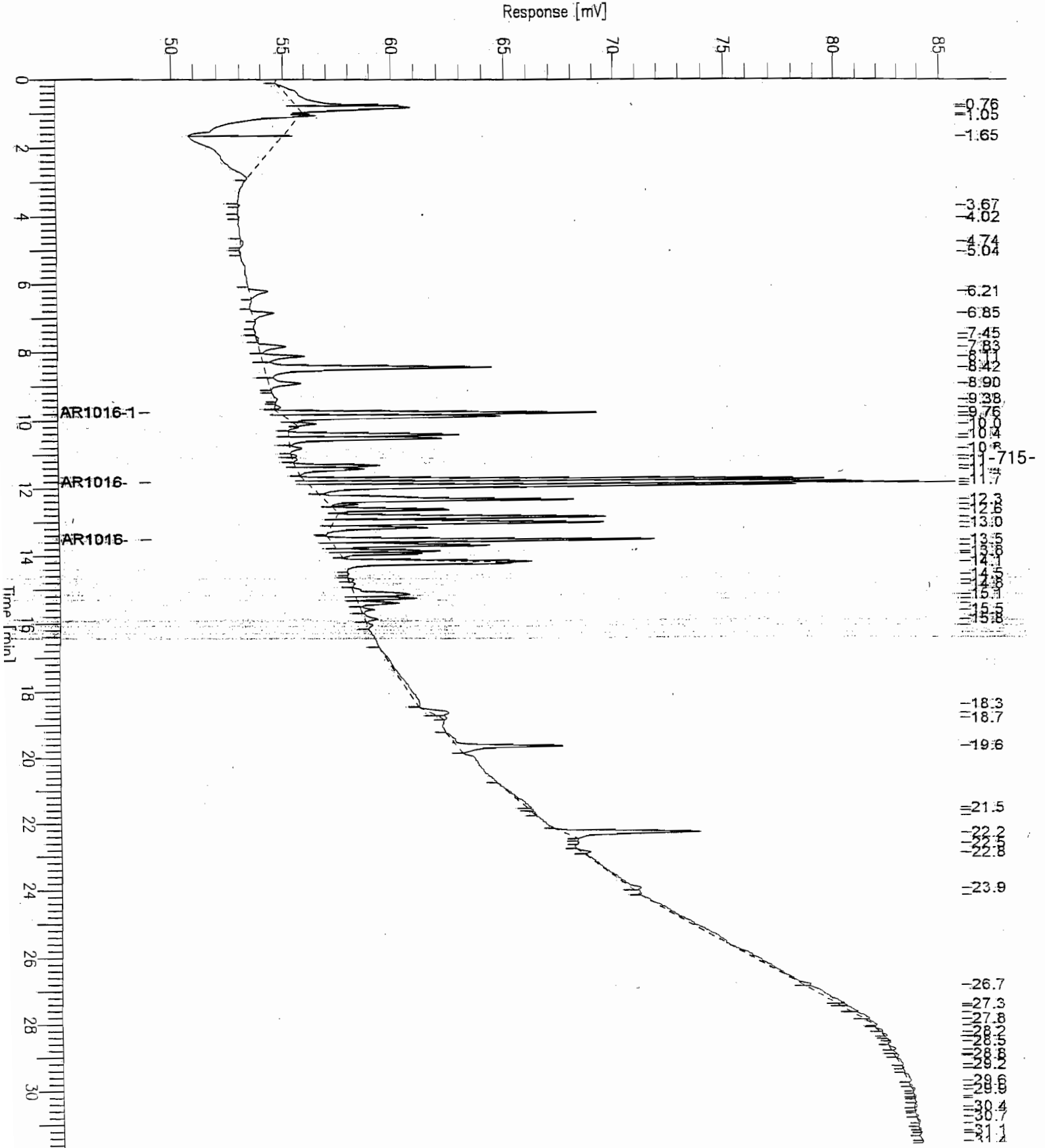
Low Point : 49.04 mV

High Point : 85.75 mV

Scale Factor: 1.0

Plot Offset: 49 mV

Plot Scale: 36.7 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 250PPB

Time : 3/1/05 11:50 AM

Sample Number: 6

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/5

Interface Serial # : NONE Data Acquisition Time: 2/24/05 07:46 PM

Delay Time : 0.00 min.

Hold Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224006.RAW

Result File : C:\DATA65\I224006.rst

Inst Method : PCB2CH from C:\DATA65\I224006.rst

Proc Method : C:\DATA65\I1016228.mth

Calib Method : C:\DATA65\I1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-716-

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 107

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.063	1719		0.07	0.0709
2	1.275	35515		1.46	1.4634
3	1.367	30928		1.27	1.2744
4	1.442	39820		1.64	1.6408
5	1.753	11095		0.46	0.4572
6	1.850	9146		0.38	0.3768
7	1.977	2537		0.10	0.1045
8	2.227	2861		0.12	0.1179
9	2.905	1278		0.05	0.0527

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	3.174	2605		0.11	0.1073
11	3.700	16707		0.69	0.6884
12	3.846	7070		0.29	0.2913
13	3.965	6551		0.27	0.2699
14	4.944	556		0.02	0.0229
15	5.511	1337		0.06	0.0551
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
16	6.276	3942		0.16	0.1624
17	6.688	14930		0.62	0.6152
18	6.884	12590		0.52	0.5188
19	7.241	23869		0.98	0.9835
20	7.701	28127		1.16	1.1590
21	7.895	207847		8.56	8.5645
22	8.632	24780		10.58	10.5850
23	9.257	356376		152.23	152.2302
24	9.608	25684		10.97	10.9712
25	9.798	3450		1.47	1.4738
26	9.933	59850		25.57	25.5655
27	10.037	136984		58.51	58.5144
28	10.419	32944		14.07	14.0726
29	10.492	33883		14.47	14.4734
	10.764	900683	AR1016	241.83	241.8264
31	11.212	235753		100.70	100.7046
32	11.554	100061		161.21	161.2117
33	11.646	59377		95.66	95.6648
34	11.912	131090		211.20	211.2031
36	12.167	135637		218.53	218.5296
37	12.792	234747		307.75	307.7497
38	12.920	97401		127.69	127.6904
40	13.475	3515		4.61	4.6081
41	13.689	39707		52.05	52.0549
42	13.856	119042		24.96	24.9634
43	14.084	27746		36.38	36.3751
44	14.212	44335		58.12	58.1222
45	14.460	5411		7.09	7.0934
46	14.673	909		1.19	1.1918
47	14.868	1356		1.78	1.7771
48	14.999	3692		4.84	4.8408
49	15.128	3184		4.17	4.1743
50	15.997	28054		36.78	36.7781
51	16.657	42882		56.22	56.2171
52	17.058	18664		24.47	24.4688
53	17.513	11121		14.58	14.5792
54	17.874	6682		8.76	8.7599
55	18.135	8649		11.34	11.3387
56	18.323	11222		14.71	14.7117
57	18.621	20432		26.79	26.7862
58	19.100	9310		12.21	12.2051
59	19.317	2750		3.61	3.6056
60	19.698	54687		1.78	1.7812
61	20.083	303		0.01	0.0099
62	20.180	248		0.01	0.0081
63	20.484	205		0.01	0.0067
64	20.614	652		0.02	0.0212
65	20.723	1554		0.05	0.0506
66	20.939	662		0.02	0.0216
67	21.102	704		0.02	0.0229
68	21.173	261		0.01	0.0085
69	21.549	80028		2.61	2.6065
70	22.011	309		0.01	0.0101
71	22.166	331		0.01	0.0108
72	22.242	272		0.01	0.0089
73	22.317	405		0.01	0.0132
74	22.394	718		0.02	0.0234
75	22.559	1673		0.05	0.0545
76	22.626	758		0.02	0.0247
77	22.702	596		0.02	0.0194
78	22.869	2611		0.09	0.0850
79	23.010	339		0.01	0.0111
80	23.164	996		0.03	0.0325
81	23.329	626		0.02	0.0204
82	24.321	82816		2.70	2.6974
83	24.497	32722		1.07	1.0658
84	25.014	59679		1.94	1.9438
85	25.189	19585		0.64	0.6379
86	25.248	6915		0.23	0.2252
87	25.327	8689		0.28	0.2830
88	25.470	17363		0.57	0.5655
89	25.560	7850		0.26	0.2557

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	25.791	19794		0.64	0.6447
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
91	26.170	27671		0.90	0.9013
92	26.414	11177		0.36	0.3640
93	26.500	3765		0.12	0.1226
94	26.728	6589		0.21	0.2146
95	26.888	3592		0.12	0.1170
96	26.962	1566		0.05	0.0510
97	27.031	335		0.01	0.0109
98	27.443	1898		0.06	0.0618
99	28.232	17354		0.57	0.5652
00	28.620	1681		0.05	0.0548
01	29.137	2148		0.07	0.0700
02	29.659	1401		0.05	0.0456
03	29.889	2224		0.07	0.0724
04	30.430	2185		0.07	0.0712
05	30.670	1605		0.05	0.0523
06	31.096	3288		0.11	0.1071
07	31.759	4694		0.15	0.1529
		3835918		2192.32	2192.3197

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
30	10.764	558340	AR1016-1	238.50	238.5015
35	12.044	152487	AR1016-2	245.68	245.6766
39	13.199	189856	AR1016-3	248.90	248.8980
		900683		733.08	733.0761

-718-

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

Report stored in ASCII file: C:\DATA65\I224006.TX0

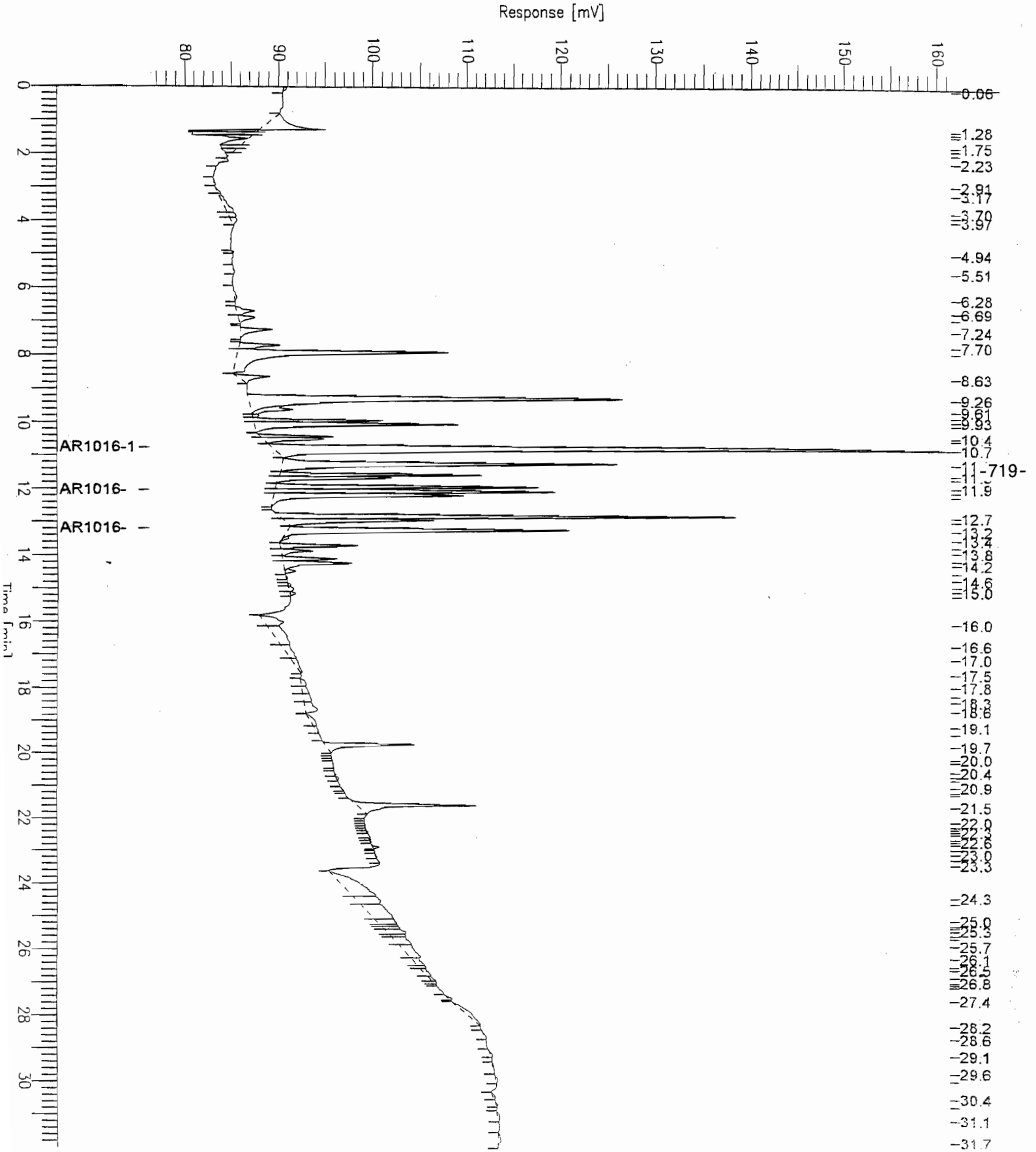
Chromatogram - ECD#1

Sample Name : AR1016 250PPB
File Name : C:\DATA65\I224006.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 76 mV

Sample #: 6
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 07:46 PM
Low Point : 76.37 mV
Plot Scale: 85.2 mV
High Point : 161.57 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1016 500PPB

Time : 3/1/05 11:50 AM

Sample Number: 6

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/6

Interface Serial # : NONE Data Acquisition Time: 2/24/05 07:46 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224006.RAW

Result File : C:\DATA65\H224006.rst

Inst Method : PCB2CH from C:\DATA65\H224006.rst

Proc Method : C:\DATA65\H1016228.mth

Calib Method : C:\DATA65\H1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-720-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 91

PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.831	255862		28.75	28.7468
2	0.999	40825		4.59	4.5868
3	1.053	130357		14.65	14.6460
4	2.880	14584		1.64	1.6386
5	3.663	246		0.03	0.0277
6	4.024	324		0.04	0.0365
7	4.351	285		0.03	0.0320
8	4.811	2427		0.27	0.2727
9	5.037	464		0.05	0.0521

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.208	7131		0.80	0.8012
11	6.843	14436		1.62	1.6219
12	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
13	7.431	386		0.04	0.0434
14	7.594	720		0.08	0.0809
15	7.829	20344		2.29	2.2857
16	8.105	27085		3.04	3.0431
17	8.419	146430		16.45	16.4519
18	8.901	20941		67.79	67.7938
19	9.374	944		3.06	3.0562
20	9.601	1405		4.55	4.5498
21	9.854	112026		362.67	362.6727
22	10.089	8920		28.88	28.8767
23	10.400	88597		286.82	286.8215
24	10.512	88585		286.78	286.7820
25	10.810	4094		6.81	6.8146
26	11.030	4642		7.73	7.7267
27	11.313	39783		66.22	66.2207
28	11.414	33962		56.53	56.5328
29	11.722	217399		361.87	361.8746
30	11.813	608790	AR1016	500.74	500.7423
31	11.898	256552		427.05	427.0484
32	12.321	147040		244.76	244.7582
33	12.465	8305		13.83	13.8250
34	12.614	24240		40.35	40.3484
35	12.829	127951		417.97	417.9700
36	12.996	157974		516.04	516.0428
37	13.151	51835		169.32	169.3248
38	13.667	79533		259.80	259.8039
39	13.845	44285		144.66	144.6629
40	13.915	34611		113.06	113.0597
41	14.147	25935		84.72	84.7202
42	14.524	734		2.40	2.3989
43	14.692	2869		9.37	9.3710
44	14.813	2457		8.03	8.0262
45	14.990	2977		9.72	9.7243
46	15.126	34443		112.51	112.5115
47	15.242	28345		92.59	92.5933
48	15.381	20814		67.99	67.9903
49	15.574	4034		13.18	13.1775
50	15.854	6817		22.27	22.2674
51	16.040	2993		9.78	9.7780
52	18.343	12618		41.22	41.2194
53	18.568	11645		38.04	38.0405
54	18.856	10314		33.69	33.6934
55	19.624	37857		123.67	123.6655
56	21.502	3799		0.23	0.2254
57	22.264	41253		2.45	2.4481
58	22.580	137		0.01	0.0081
59	22.872	3024		0.18	0.1794
60	23.928	12721		0.75	0.7549
61	24.121	1101		0.07	0.0653
62	26.801	34090		2.02	2.0230
63	27.197	8939		0.53	0.5305
64	27.377	7000		0.42	0.4154
65	27.786	0	Decachlorobiphenyl	0.00	0.0000
66	27.793	14170		0.84	0.8409
67	28.140	6272		0.37	0.3722
68	28.316	605		0.04	0.0359
69	28.563	2598		0.15	0.1542
70	28.799	858		0.05	0.0509
71	28.914	429		0.03	0.0255
72	28.987	410		0.02	0.0243
73	29.050	486		0.03	0.0289
74	29.188	840		0.05	0.0498
75	29.263	651		0.04	0.0386
76	29.391	518		0.03	0.0307
77	29.501	937		0.06	0.0556
78	29.643	785		0.05	0.0466
79	29.817	210		0.01	0.0124
80	29.927	147		0.01	0.0087
81	29.986	343		0.02	0.0204
82	30.130	772		0.05	0.0458
83	30.373	790		0.05	0.0469
84	30.442	231		0.01	0.0137
85	30.690	165		0.01	0.0098
86	31.074	1210		0.07	0.0718
87	31.146	150		0.01	0.0089
88	31.247	169		0.01	0.0100

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	31.350	300		0.02	0.0178
10	31.627	868		0.05	0.0515
11	31.807	671		0.04	0.0398
		3176821		5139.61	5139.6148

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
20	9.753	152116	AR1016-1	492.46	492.4564
30	11.813	308210	AR1016-2	513.04	513.0368
38	13.511	148464	AR1016-3	484.98	484.9759
		608790		1490.47	1490.4691

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

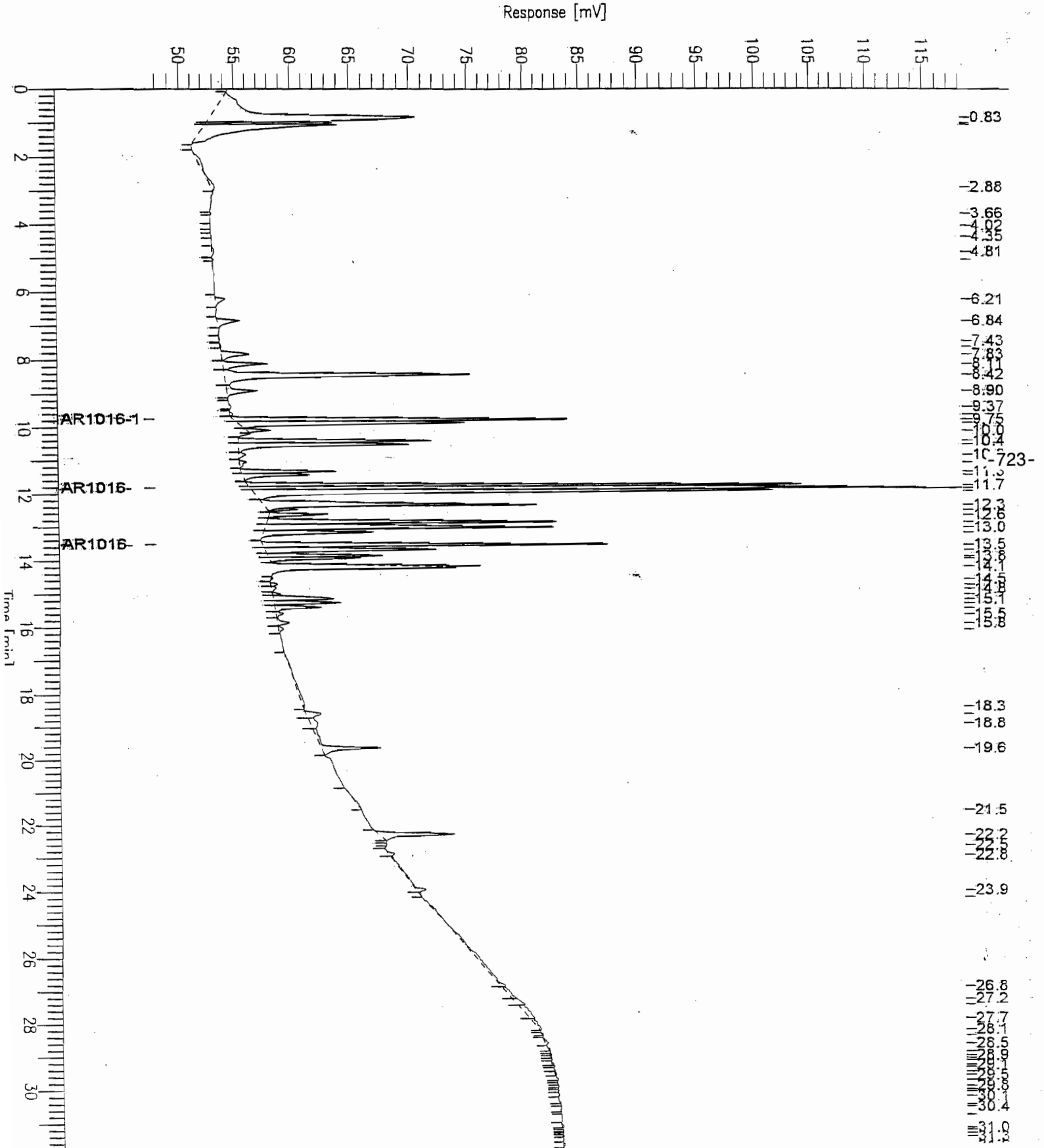
Report stored in ASCII file: C:\DATA65\H224006.TX0

Chromatogram - ECD#1

Sample Name : AR1016 500PPB
 File Name : C:\DATA65\H224006.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 48 mV

Sample #: 6
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 07:46 PM
 Low Point : 47.87 mV
 Plot Scale: 70.3 mV
 High Point : 118.20 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 500PPB

Time : 3/1/05 11:50 AM

Sample Number: 7

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/6

Interface Serial # : NONE Data Acquisition Time: 2/24/05 08:23 PM

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224007.RAW

Result File : C:\DATA65\I224007.rst

Inst Method : PCB2CH from C:\DATA65\I224007.rst

Proc Method : C:\DATA65\I1016228.mth

Calib Method : C:\DATA65\I1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-724-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 103

PCB REPORT

HP-SFC CHANNEL I

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.089	1741		0.07	0.0718
2	1.272	101375		4.18	4.1772
3	1.335	855		0.04	0.0352
4	1.387	1892		0.08	0.0780
5	1.495	14253		0.59	0.5873
6	1.548	65557		2.70	2.7013
7	2.232	10098		0.42	0.4161
8	2.900	441		0.02	0.0182
9	3.093	709		0.03	0.0292

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.842	34000		3.82	3.8200
11	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
12	7.452	285		0.03	0.0320
13	7.827	39816		4.47	4.4734
14	8.104	51225		5.76	5.7553
15	8.417	277302		31.16	31.1557
16	8.899	31769		102.85	102.8497
17	9.307	393		1.27	1.2720
18	9.855	237065		767.47	767.4706
19	10.087	40069		129.72	129.7201
20	10.191	16372		53.00	53.0037
21	10.397	187560		607.20	607.2040
22	10.511	185010		598.95	598.9484
23	10.815	8815		14.67	14.6723
24	11.028	8823		14.69	14.6871
25	11.311	80857		134.59	134.5925
26	11.413	62131		103.42	103.4213
27	11.720	416339		693.02	693.0246
28	11.812	1205474	AR1016	991.53	991.5279
29	11.899	533085		887.36	887.3556
30	12.320	316735		527.23	527.2263
31	12.463	23735		39.51	39.5086
32	12.827	260562		851.16	851.1592
33	12.996	322486		1053.44	1053.4416
34	13.150	112116		366.24	366.2423
35	13.667	160498		524.29	524.2885
36	13.844	89560		292.56	292.5588
37	13.914	69674		227.60	227.5980
38	14.145	292002		953.86	953.8628
39	14.514	2034		6.64	6.6434
40	14.689	5847		19.10	19.0990
41	14.803	3938		12.86	12.8626
42	14.989	5093		16.64	16.6366
43	15.127	66536		217.35	217.3497
44	15.241	55484		181.25	181.2461
45	15.381	39708		129.71	129.7112
46	15.857	8618		28.15	28.1521
47	16.043	3909		12.77	12.7688
48	16.234	545		1.78	1.7818
49	18.388	8790		28.71	28.7145
50	18.584	15690		51.25	51.2520
51	18.884	10195		33.30	33.3035
52	19.628	17690		57.79	57.7872
53	21.494	1887		0.11	0.1120
54	22.265	26032		1.54	1.5448
55	22.496	2319		0.14	0.1376
56	22.581	3039		0.18	0.1803
57	23.941	1671		0.10	0.0992
58	26.606	9309		0.55	0.5524
59	27.754	15464		0.92	0.9177
60	27.786	0	Decachlorobiphenyl	0.00	0.0000
61	27.892	1205		0.07	0.0715
62	28.073	1374		0.08	0.0815
63	28.315	1483		0.09	0.0880
64	28.380	261		0.02	0.0155
65	28.501	439		0.03	0.0260
66	28.627	431		0.03	0.0256
67	28.800	1727		0.10	0.1025
68	28.907	928		0.06	0.0551
69	28.987	912		0.05	0.0541
70	29.191	1083		0.06	0.0642
71	29.289	430		0.03	0.0255
72	29.440	981		0.06	0.0582
73	29.643	682		0.04	0.0405
74	29.777	329		0.02	0.0195
75	29.851	495		0.03	0.0293
76	30.026	103		0.01	0.0061
77	30.072	158		0.01	0.0094
78	30.129	132		0.01	0.0078
79	30.306	353		0.02	0.0210
80	30.516	1297		0.08	0.0770
81	30.862	847		0.05	0.0502
82	31.037	317		0.02	0.0188
83	31.275	475		0.03	0.0282
84	31.388	367		0.02	0.0218
85	31.526	210		0.01	0.0125
86	31.703	611		0.04	0.0363
87	31.946	162		0.01	0.0096

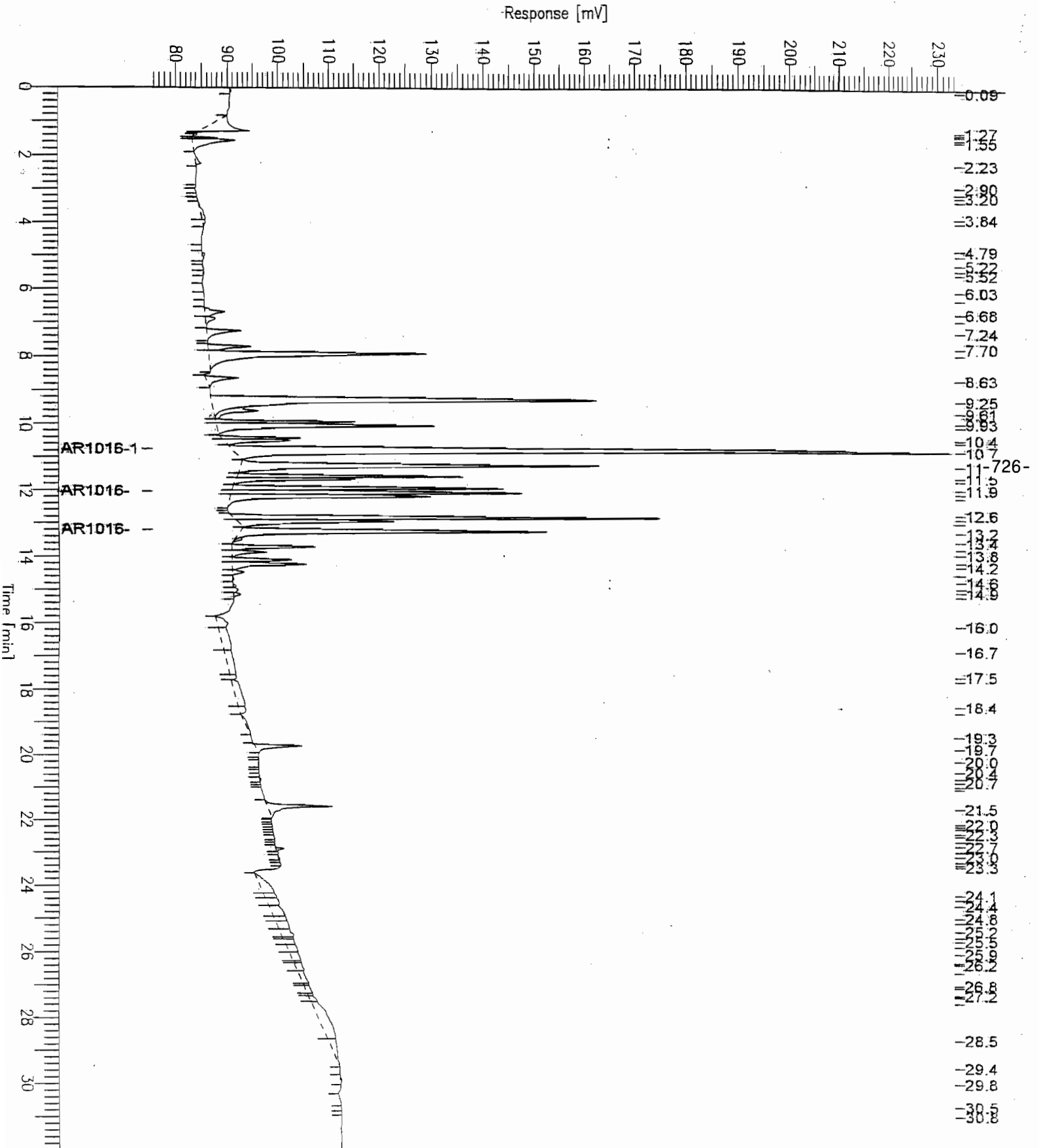
Chromatogram - ECD#1

Sample Name : AR1016 500PPB
 FileName : C:\DATA65\I224007.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 76 mV

Sample #: 7
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 08:23 PM
 Low Point : 75.74 mV
 Plot Scale: 157.4 mV

Page 1 of 1



Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.196	396		0.02	0.0163
11	3.329	368		0.02	0.0152
12	3.841	13812		0.57	0.5691
13	3.966	5097		0.21	0.2100
14	4.789	597		0.02	0.0246
15	4.945	4566		0.19	0.1881
16	5.218	337		0.01	0.0139
17	5.386	1167		0.05	0.0481
18	5.517	1391		0.06	0.0573
19	6.030	989		0.04	0.0407
20	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
21	6.274	1360		0.06	0.0560
22	6.683	30682		1.26	1.2643
23	6.884	16027		0.66	0.6604
24	7.239	47507		1.96	1.9575
25	7.699	51233		2.11	2.1111
26	7.893	340246		14.02	14.0201
27	8.629	46426		19.83	19.8312
28	9.254	687927		293.86	293.8563
29	9.608	53498		22.85	22.8523
30	9.931	122229		52.21	52.2116
31	10.035	274176		117.12	117.1174
32	10.418	64476		27.54	27.5417
33	10.490	69710		29.78	29.7773
34	10.763	1790036	AR1016	480.61	480.6109
35	11.211	463541		198.01	198.0068
36	11.553	206714		333.04	333.0430
37	11.645	117225		188.87	188.8651
38	11.910	252682		407.10	407.1037
39	12.166	260533		419.75	419.7524
40	12.670	454		0.60	0.5950
41	12.793	405050		531.01	531.0141
42	12.920	190576		249.84	249.8424
43	13.479	7247		9.50	9.5004
44	13.689	80046		104.94	104.9388
45	13.854	37845		49.61	49.6142
46	14.083	55719		73.05	73.0465
47	14.212	85361		111.91	111.9067
48	14.460	11095		14.55	14.5456
49	14.667	1697		2.22	2.2242
50	14.871	2916		3.82	3.8226
51	14.989	6586		8.63	8.6341
52	15.124	7222		9.47	9.4676
53	15.997	30503		39.99	39.9883
54	16.755	68120		89.30	89.3043
55	17.504	63943		83.83	83.8281
56	17.636	9864		12.93	12.9322
57	18.419	66450		87.12	87.1151
58	18.609	16304		21.37	21.3748
59	19.331	12941		16.97	16.9659
60	19.698	51181		1.67	1.6670
61	20.081	210		0.01	0.0068
62	20.406	199		0.01	0.0065
63	20.618	465		0.02	0.0151
64	20.725	1813		0.06	0.0591
65	20.875	298		0.01	0.0097
66	20.945	367		0.01	0.0120
67	21.549	88792		2.89	2.8920
68	22.009	242		0.01	0.0079
69	22.093	258		0.01	0.0084
70	22.166	456		0.01	0.0149
71	22.319	405		0.01	0.0132
72	22.388	429		0.01	0.0140
73	22.550	652		0.02	0.0212
74	22.697	281		0.01	0.0092
75	22.866	7315		0.24	0.2383
76	23.010	1322		0.04	0.0431
77	23.175	1935		0.06	0.0630
78	23.256	597		0.02	0.0194
79	23.324	586		0.02	0.0191
80	24.178	59144		1.93	1.9263
81	24.319	21430		0.70	0.6980
82	24.493	31670		1.03	1.0315
83	24.864	45886		1.49	1.4945
84	25.007	19681		0.64	0.6410
85	25.253	31477		1.03	1.0252
86	25.452	31493		1.03	1.0257
87	25.563	8932		0.29	0.2909
88	25.719	18389		0.60	0.5989

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	25.939	26590		0.87	0.8660
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
91	26.194	25062		0.82	0.8163
92	26.250	6121		0.20	0.1994
93	26.502	22318		0.73	0.7269
94	26.893	27281		0.89	0.8885
95	26.955	4807		0.16	0.1566
96	27.202	16005		0.52	0.5213
97	27.253	4841		0.16	0.1577
98	27.453	12849		0.42	0.4185
99	28.576	135019		4.40	4.3976
00	29.410	42037		1.37	1.3692
01	29.883	2337		0.08	0.0761
02	30.573	1879		0.06	0.0612
03	30.867	270		0.01	0.0088
		7035130		4165.13	4165.1337

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
33	10.763	1110190	AR1016-1	474.23	474.2307
38	12.043	295679	AR1016-2	476.38	476.3776
43	13.199	384168	AR1016-3	503.64	503.6370
		1790036		1454.25	1454.2453

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 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

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Report stored in ASCII file: C:\DATA65\I224007.TX0

Software Version: 4.1<2F12>

Sample Name : AR1016 1000PPB

Time : 3/1/05 11:50 AM

Sample Number: 7

Study :

Operator : manager

Instrument : HP-SFC

Channel : A A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/7

Interface Serial # : NONE Data Acquisition Time: 2/24/05 08:23 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224007.RAW

Result File : C:\DATA65\H224007.rst

Inst Method : PCB2CH from C:\DATA65\H224007.rst

Proc Method : C:\DATA65\H1016228.mth

Calib Method : C:\DATA65\H1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-729-

Instrument Conditions:

IP-SFC

Total number of peaks detected: 88

PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.819	176044		19.78	19.7791
2	1.006	107051		12.03	12.0275
3	1.064	517179		58.11	58.1066
4	2.883	12206		1.37	1.3714
5	4.013	376		0.04	0.0422
6	4.743	1509		0.17	0.1696
7	5.034	1856		0.21	0.2085
8	6.204	1050		0.12	0.1180
9	6.515	517		0.06	0.0581

6203140

10874.66

10874.6617

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
17	9.750	302800	AR1016-1	980.28	980.2788
28	11.812	607782	AR1016-2	1011.69	1011.6949
35	13.509	294892	AR1016-3	963.30	963.3019
		1205474		2955.28	2955.2757

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

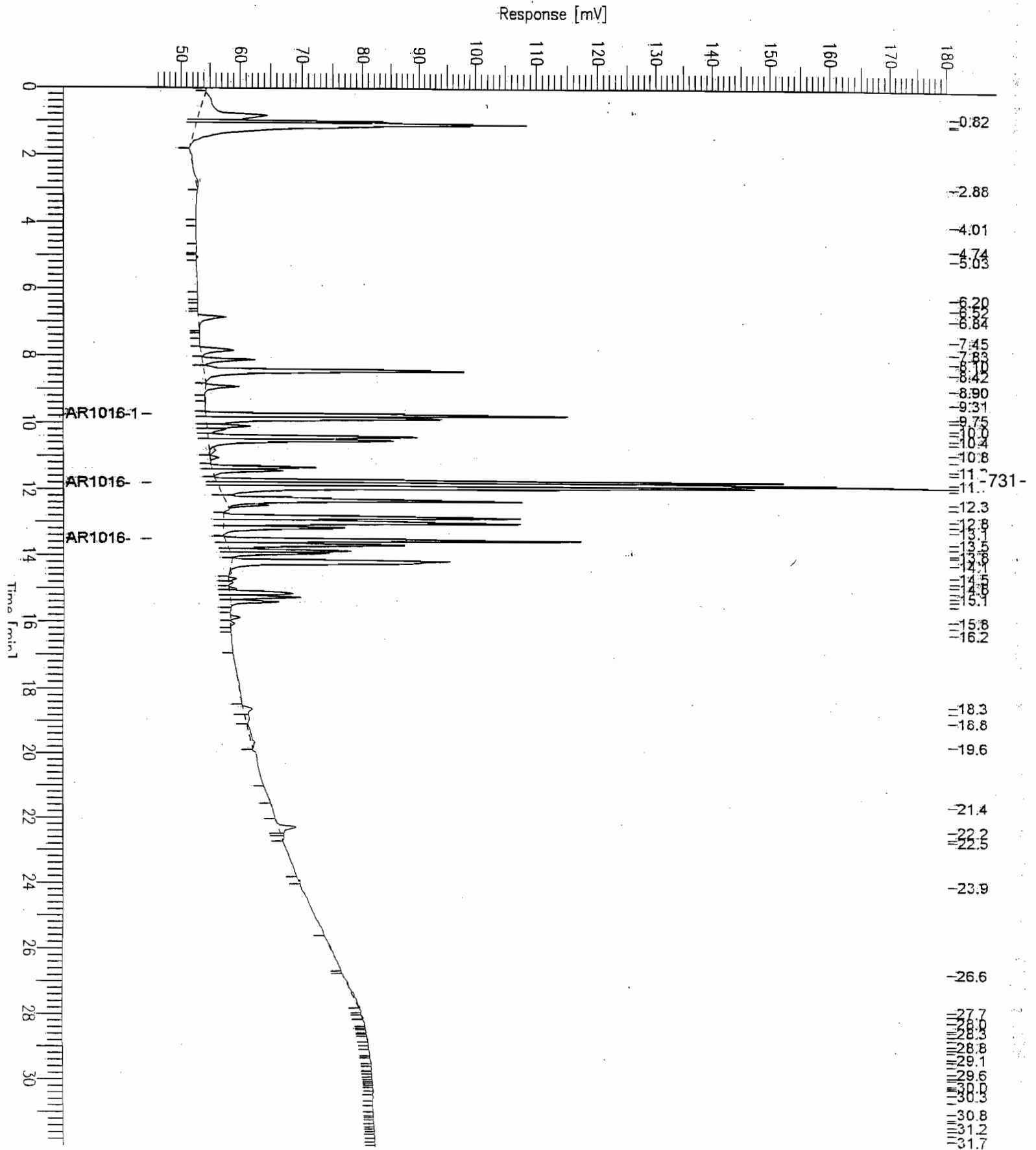
Report stored in ASCII file: C:\DATA65\H224007.TX0

Chromatogram - ECD#1

Sample Name : AR1016 1000PPB
 FileName : C:\DATA65\H224007.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 45 mV

Sample #: 7
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 08:23 PM
 Low Point : 45.03 mV
 Plot Scale: 135.5 mV
 High Point : 180.57 mV



Software Version: 4.1<2F12>

Sample Name : AR1016 1000PPB

Time : 3/1/05 11:50 AM

Sample Number: 8

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/7

Interface Serial # : NONE Data Acquisition Time: 2/24/05 08:59 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224008.RAW

Result File : C:\DATA65\I224008.rst

Inst Method : PCB2CH from C:\DATA65\I224008.rst

Proc Method : C:\DATA65\I1016228.mth

Calib Method : C:\DATA65\I1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-732-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 106

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.150	8418		0.35	0.3469
2	0.326	23113		0.95	0.9524
3	0.642	92637		3.82	3.8172
4	1.274	185166		7.63	7.6299
5	1.489	106474		4.39	4.3873
6	1.550	746657		30.77	30.7665
7	2.252	7545		0.31	0.3109
8	2.830	637		0.03	0.0263
9	3.090	762		0.03	0.0314

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.257	527		0.02	0.0217
11	3.500	439		0.02	0.0181
12	3.888	1158		0.05	0.0477
13	4.786	160		0.01	0.0066
14	4.941	4276		0.18	0.1762
15	6.030	616		0.03	0.0254
16	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
16	6.309	752		0.03	0.0310
17	6.599	7823		0.32	0.3224
18	6.679	68594		2.83	2.8264
19	7.233	100801		4.15	4.1536
20	7.694	105154		4.33	4.3329
21	7.887	656195		27.04	27.0389
22	8.490	1730		0.07	0.0713
23	8.623	74732		31.92	31.9226
24	9.250	1266757		541.11	541.1102
25	9.531	28505		12.18	12.1761
26	9.605	96180		41.08	41.0843
27	9.927	242236		103.47	103.4741
28	10.031	532549		227.48	227.4844
29	10.414	135118		57.72	57.7171
30	10.487	133783		57.15	57.1472
31	10.758	3426343	AR1016	919.95	919.9466
32	11.207	890491		380.38	380.3838
33	11.550	415260		669.04	669.0391
34	11.643	228141		367.56	367.5648
35	11.906	471613		759.83	759.8312
37	12.163	510378		822.29	822.2867
38	12.662	1342		1.76	1.7600
39	12.791	678233		889.15	889.1517
40	12.918	363190		476.14	476.1360
42	13.475	13884		18.20	18.2016
43	13.686	158302		207.53	207.5312
44	13.851	74202		97.28	97.2779
45	14.080	108881		142.74	142.7406
46	14.210	164180		215.24	215.2367
47	14.456	22471		29.46	29.4594
48	14.666	3883		5.09	5.0908
49	14.864	4298		5.63	5.6346
50	14.984	9931		13.02	13.0189
51	15.121	12984		17.02	17.0216
52	16.013	28855		37.83	37.8281
53	17.210	39547		51.84	51.8449
54	17.560	5351		7.02	7.0154
55	18.309	12009		15.74	15.7433
56	18.605	7780		10.20	10.1996
57	19.116	6532		8.56	8.5635
58	19.331	548		0.72	0.7184
59	19.702	7156		0.23	0.2331
60	19.933	1068		0.03	0.0348
61	20.100	1595		0.05	0.0519
62	20.178	931		0.03	0.0303
63	20.326	2128		0.07	0.0693
64	20.615	2428		0.08	0.0791
65	20.790	2360		0.08	0.0769
66	20.922	1847		0.06	0.0602
67	21.097	472		0.02	0.0154
68	21.547	34559		1.13	1.1256
69	21.857	393		0.01	0.0128
70	21.942	175		0.01	0.0057
71	22.169	1534		0.05	0.0500
72	22.389	442		0.01	0.0144
73	22.552	886		0.03	0.0289
74	22.701	2005		0.07	0.0653
75	22.789	333		0.01	0.0108
76	22.860	1736		0.06	0.0565
77	23.023	1561		0.05	0.0508
78	23.090	1108		0.04	0.0361
79	23.173	1600		0.05	0.0521
80	23.244	850		0.03	0.0277
81	23.315	584		0.02	0.0190
82	24.334	81830		2.67	2.6652
83	24.491	30488		0.99	0.9930
84	24.958	40555		1.32	1.3209
85	25.014	6986		0.23	0.2275
86	25.560	34609		1.13	1.1272
87	25.727	5980		0.19	0.1948
88	25.797	1735		0.06	0.0565
89	26.117	3601		0.12	0.1173

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
90	26.267	437		0.01	0.0142
91	26.428	1160		0.04	0.0378
92	26.497	281		0.01	0.0092
93	26.716	1509		0.05	0.0492
94	26.958	2765		0.09	0.0901
95	27.021	414		0.01	0.0135
96	27.196	2141		0.07	0.0697
97	27.274	801		0.03	0.0261
98	28.487	87890		2.86	2.8626
99	28.745	10096		0.33	0.3288
00	29.182	15232		0.50	0.4961
01	29.498	621		0.02	0.0202
02	29.762	2895		0.09	0.0943
03	30.128	2450		0.08	0.0798
04	30.667	1532		0.05	0.0499
05	30.946	316		0.01	0.0103
06	31.954	496		0.02	0.0161
		12692696		7341.86	7341.8602

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	10.758	2121564	AR1016-1	906.25	906.2510
36	12.039	546312	AR1016-2	880.18	880.1804
41	13.196	758467	AR1016-3	994.34	994.3372
		3426343		2780.77	2780.7686

-734-

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 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

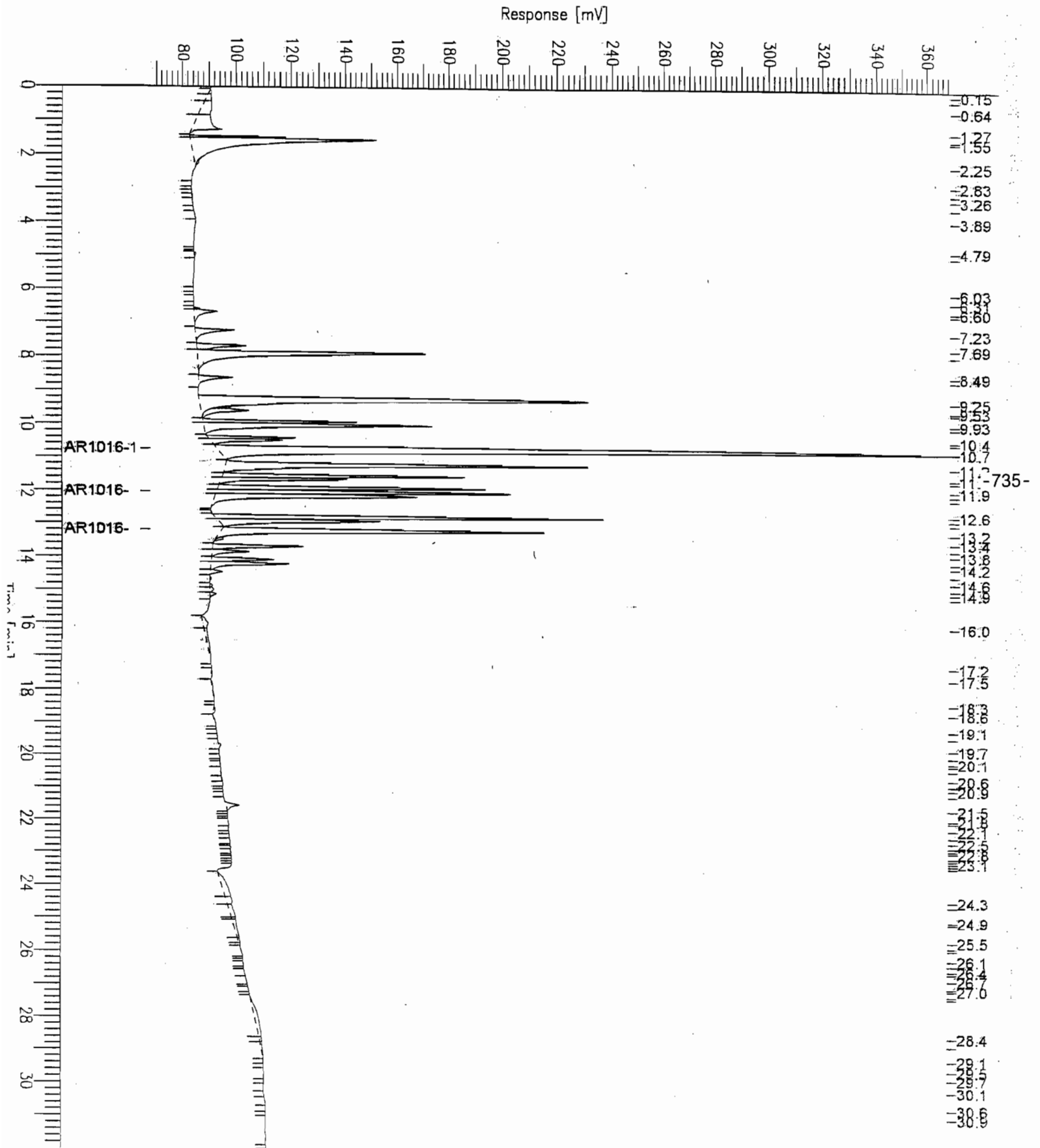
Report stored in ASCII file: C:\DATA65\I224008.TX0

Chromatogram - ECD#1

Sample Name : AR1016 1000PPB
File Name : C:\DATA65\I224008.raw
Method : PCB2CH
Start Time : 0.00 min-
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 68 mV

Sample #: 8
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 08:59 PM
Low Point : 68.29 mV
Plot Scale: 300.9 mV
High Point : 369.21 mV



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 8

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/8

Interface Serial # : NONE Data Acquisition-Time: 2/24/05 08:59 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224008.RAW

Result File : C:\DATA65\H224008.rst

Inst Method : PCB2CH from C:\DATA65\H224008.rst

Proc Method : C:\DATA65\H1016228.mth

Calib Method : C:\DATA65\H1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-736-

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 55

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.754	147999		16.63	16.6282
2	1.002	67024		7.53	7.5304
3	1.059	478672		53.78	53.7802
4	2.950	15305		1.72	1.7196
5	4.805	1248		0.14	0.1402
6	5.510	798		0.09	0.0897
7	5.602	133		0.01	0.0150
8	6.203	388		0.04	0.0435
9	7.137	1022		0.11	0.1148

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	9.306	852		2.76	2.7589
11	10.004	2291		7.42	7.4153
12	10.805	1194		1.99	1.9881
13	11.462	1606		2.67	2.6733
-	11.812	0	AR1016	0.00	0.0000
14	12.326	774		1.29	1.2877
15	12.629	441		0.73	0.7342
16	14.900	2132		6.96	6.9649
17	15.056	723		2.36	2.3632
18	15.899	3612		11.80	11.7999
19	16.124	649		2.12	2.1215
20	18.383	6880		22.47	22.4744
21	18.634	6311		20.62	20.6168
22	18.799	951		3.11	3.1062
23	19.562	7224		23.60	23.5970
24	19.790	2683		8.76	8.7629
25	22.262	27628		1.64	1.6395
26	22.581	4860		0.29	0.2884
27	23.967	1293		0.08	0.0768
28	25.519	7153		0.42	0.4245
29	27.075	28078		1.67	1.6662
30	27.448	14211		0.84	0.8433
31	27.620	8463		0.50	0.5022
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
32	27.830	8086		0.48	0.4798
33	28.066	6362		0.38	0.3775
34	28.245	4285		0.25	0.2543
35	28.385	1276		0.08	0.0757
36	28.735	3443		0.20	0.2043
37	28.970	1290		0.08	0.0766
38	29.088	406		0.02	0.0241
39	29.255	714		0.04	0.0423
40	29.432	715		0.04	0.0424
41	29.611	828		0.05	0.0491
42	29.778	577		0.03	0.0342
43	29.916	602		0.04	0.0358
44	30.128	1355		0.08	0.0804
45	30.273	362		0.02	0.0215
46	30.428	361		0.02	0.0214
47	30.582	569		0.03	0.0338
48	30.652	650		0.04	0.0386
49	31.038	1199		0.07	0.0711
50	31.429	208		0.01	0.0123
51	31.494	174		0.01	0.0103
52	31.560	235		0.01	0.0139
53	31.736	689		0.04	0.0409
54	31.874	416		0.02	0.0247
55	31.948	338		0.02	0.0201
877739				206.25	206.2521

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Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	9.752	0	AR1016-1	0.00	0.0000
0	11.811	0	AR1016-2	0.00	0.0000
0	13.509	0	AR1016-3	0.00	0.0000
0				0.00	0.0000

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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Report stored in ASCII file: C:\DATA65\H224008.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

Sample #: 8

Page 1 of 1

File Name : C:\DATA65\H224008.raw

Date : 3/1/05 11:50 AM

Method : PCB2CH

Time of Injection: 2/24/05 08:59 PM

Start Time : 0.00 min

End Time : 32.00 min

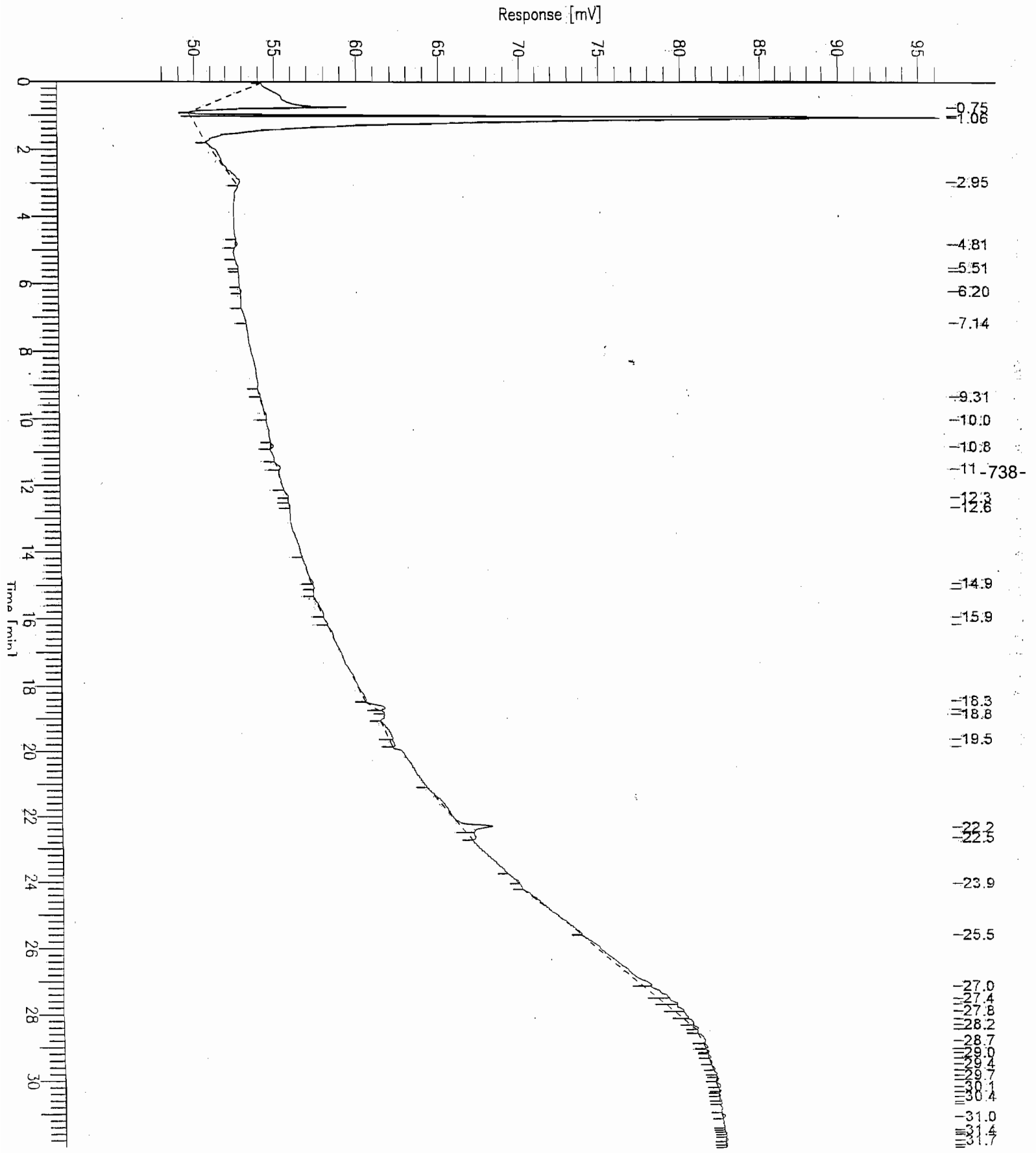
Low Point : 47.29 mV

High Point : 96.78 mV

Scale Factor: 1.0

Plot Offset: 47 mV

Plot Scale: 49.5 mV



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 9

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Injection/Vial : 0/8

Interface Serial # : NONE Data Acquisition Time: 2/24/05 09:35 PM

Injection Time : 0.00 min.

Acquisition Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224009.RAW

Result File : C:\DATA65\I224009.rst

Injection Method : PCB2CH from C:\DATA65\I224009.rst

Injection Method : C:\DATA65\I1016228.mth

Injection Method : C:\DATA65\I1016228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Sample Receive :

Client Name :

EC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 101

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.162	1948		0.08	0.0803
2	1.273	156374		6.44	6.4435
3	1.495	92658		3.82	3.8180
4	1.555	804898		33.17	33.1663
5	2.254	7457		0.31	0.3073
6	2.840	567		0.02	0.0234
7	3.886	6490		0.27	0.2674
8	4.787	153		0.01	0.0063
9	4.936	107		0.00	0.0044

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	5.115	377		0.02	0.0155
11	5.273	173		0.01	0.0071
12	5.420	344		0.01	0.0142
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
13	6.280	1549		0.06	0.0638
14	6.713	187		0.01	0.0077
15	6.884	559		0.02	0.0230
16	7.212	248		0.01	0.0102
17	7.349	188		0.01	0.0077
18	7.643	1208		0.05	0.0498
19	7.937	238		0.01	0.0098
20	8.510	268		0.01	0.0110
21	8.654	375		0.16	0.1602
22	8.883	245		0.10	0.1046
23	9.039	164		0.07	0.0701
24	9.259	152		0.06	0.0648
25	9.505	1261		0.54	0.5385
26	9.900	634		0.27	0.2709
27	10.046	717		0.31	0.3062
28	10.358	394		0.17	0.1683
29	10.495	189		0.08	0.0806
30	10.574	190		0.08	0.0810
31	10.649	144		0.06	0.0615
	10.801	346	AR1016	0.09	0.0929
33	10.884	210		0.09	0.0899
34	11.184	1523		0.65	0.6506
35	11.262	1076		0.46	0.4595
36	11.657	679		1.09	1.0942
37	12.355	709		1.14	1.1427
38	12.789	1424		1.87	1.8668
39	12.968	838		1.10	1.0983
40	13.581	1401		1.84	1.8362
41	13.806	1137		1.49	1.4910
42	14.109	922		1.21	1.2086
43	14.482	2197		2.88	2.8809
44	14.698	3947		5.17	5.1747
45	15.295	5995		7.86	7.8599
46	16.025	24604		32.26	32.2561
47	16.212	7680		10.07	10.0678
48	16.301	3645		4.78	4.7782
49	16.599	6302		8.26	8.2621
50	16.743	124		0.16	0.1622
51	17.635	17929		23.50	23.5050
52	18.607	53477		70.11	70.1068
53	19.708	28423		0.93	0.9257
54	19.939	322		0.01	0.0105
55	20.016	191		0.01	0.0062
56	20.564	1038		0.03	0.0338
57	20.941	1050		0.03	0.0342
58	21.096	1085		0.04	0.0353
59	21.174	625		0.02	0.0204
60	21.539	30188		0.98	0.9832
61	21.786	1703		0.06	0.0555
62	21.856	855		0.03	0.0278
63	22.009	284		0.01	0.0093
64	22.097	386		0.01	0.0126
65	22.158	440		0.01	0.0143
66	22.240	200		0.01	0.0065
67	22.318	513		0.02	0.0167
68	22.547	3604		0.12	0.1174
69	22.621	1049		0.03	0.0342
70	22.700	1115		0.04	0.0363
71	22.863	2042		0.07	0.0665
72	23.011	1529		0.05	0.0498
73	23.095	201		0.01	0.0066
74	23.179	478		0.02	0.0156
75	23.337	920		0.03	0.0300
76	24.332	93478		3.04	3.0446
77	24.483	27646		0.90	0.9004
78	24.545	12591		0.41	0.4101
79	24.861	58239		1.90	1.8969
80	24.937	15550		0.51	0.5065
81	25.009	12556		0.41	0.4090
82	25.104	15792		0.51	0.5143
83	25.561	84146		2.74	2.7407
84	25.628	11522		0.38	0.3753
85	25.787	28488		0.93	0.9279
86	26.103	68324		2.23	2.2253

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
87	26.732	83735		2.73	2.7273
88	27.036	46215		1.51	1.5052
89	27.187	23552		0.77	0.7671
90	27.271	14484		0.47	0.4717
91	27.446	28044		0.91	0.9134
92	28.237	176896		5.76	5.7616
93	28.614	87250		2.84	2.8418
94	28.964	63168		2.06	2.0574
95	29.124	38617		1.26	1.2578
96	29.687	59510		1.94	1.9383
97	30.047	26686		0.87	0.8692
98	30.616	1747		0.06	0.0569
99	30.881	2408		0.08	0.0784
00	31.187	1567		0.05	0.0510
01	31.354	864		0.03	0.0281
		2377937		260.15	260.1523

Group Report For : AR1016

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
32	10.801	346	AR1016-1	0.15	0.1477
0	12.042	0	AR1016-2	0.00	0.0000
0	13.198	0	AR1016-3	0.00	0.0000
		346		0.15	0.1477

-741-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224009.TX0

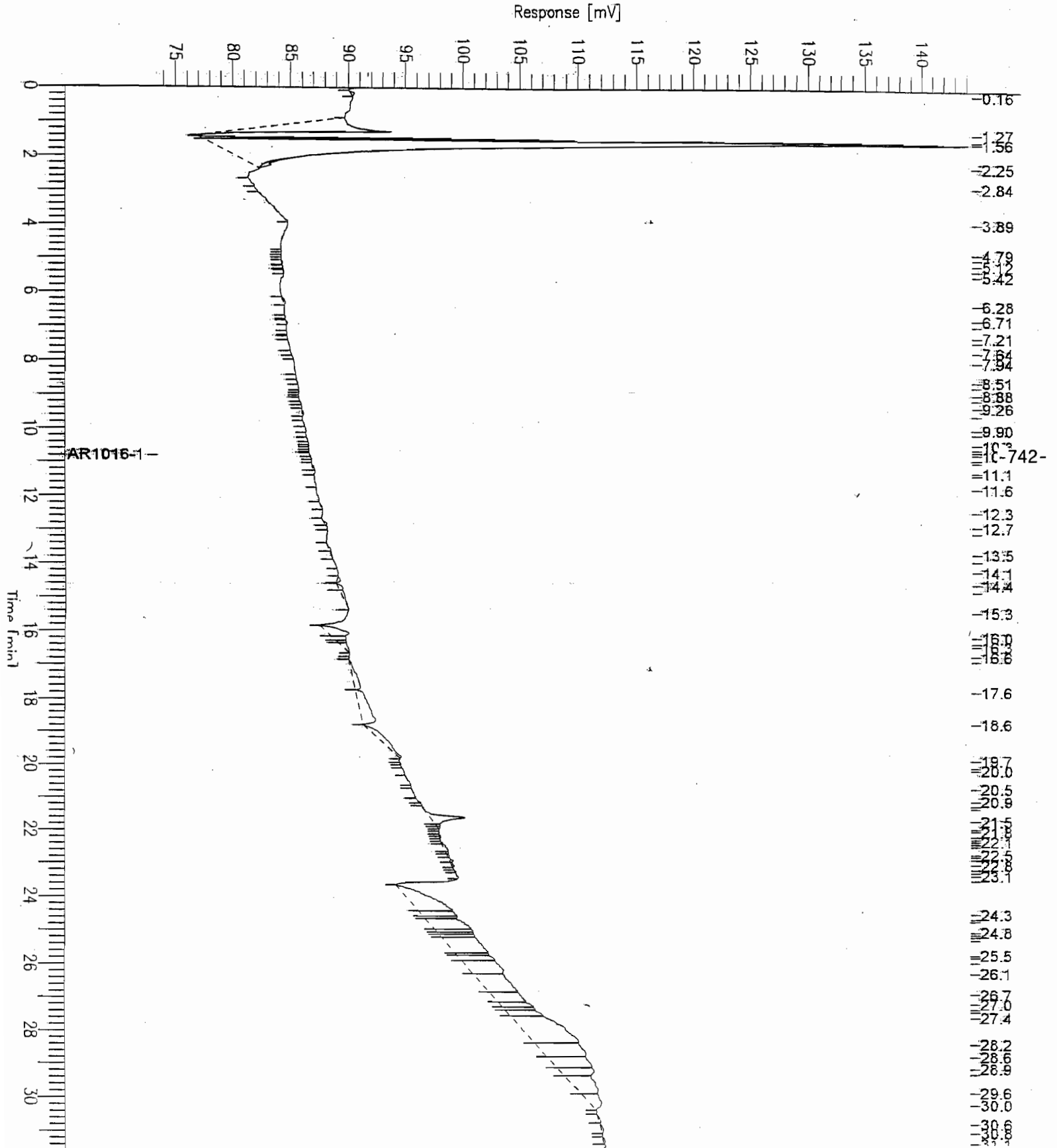
Chromatogram - ECD#1

Sample Name : HEXANE
File Name : C:\DATA65\I224009.raw
Method : PCB2CH
Start Time : 0:00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 74 mV

Sample #: 9
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 09:35 PM
Low Point : 73.59 mV
Plot Scale : 70.9 mV
High Point : 144.51 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 9

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/9

Interface Serial # : NONE Data Acquisition Time: 2/24/05 09:35 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224009.RAW

Result File : C:\DATA65\H224009.rst

Inst Method : PCB2CH from C:\DATA65\H224009.rst

Proc Method : C:\DATA65\H1221228.mth

Calib Method : C:\DATA65\H1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 61

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.758	77910		8.75	8.7535
2	0.810	59075		6.64	6.6372
3	1.003	79071		8.88	8.8839
4	1.060	454176		51.03	51.0280
5	2.897	4782		0.54	0.5373
6	4.808	3173		0.36	0.3564
7	6.193	429		0.05	0.0482
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
8	7.150	975		0.11	0.1095

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.103	542	AR1221-2	5.27	5.2721
	8.417	1246	AR1221	2.31	2.3121
11	9.877	1753		4.25	4.2487
12	10.800	1740		4.22	4.2172
13	11.180	641		1.55	1.5544
14	11.445	2657		6.44	6.4392
15	11.940	1165		2.82	2.8237
16	12.314	651		1.58	1.5764
17	12.616	2343		5.68	5.6784
18	14.890	2650		6.42	6.4211
19	15.052	610		1.48	1.4778
20	15.247	428		1.04	1.0366
21	15.896	4948		11.99	11.9914
22	18.392	9416		0.56	0.5587
23	18.588	14321		0.85	0.8498
24	18.868	14815		0.88	0.8792
25	19.635	17147		1.02	1.0175
26	21.497	11016		0.65	0.6537
27	22.263	13143		0.78	0.7799
28	22.577	721		0.04	0.0428
29	23.969	4398		0.26	0.2610
30	24.126	985		0.06	0.0585
31	24.595	2455		0.15	0.1457
32	25.524	3706		0.22	0.2199
33	27.090	30327		1.80	1.7997
34	27.364	12422		0.74	0.7371
35	27.580	12373		0.73	0.7342
36	27.723	7434		0.44	0.4411
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
37	27.898	5955		0.35	0.3534
38	28.000	4019		0.24	0.2385
39	28.140	7429		0.44	0.4408
40	28.379	3660		0.22	0.2172
41	28.480	1348		0.08	0.0800
42	28.658	1287		0.08	0.0764
43	28.972	665		0.04	0.0394
44	29.150	1209		0.07	0.0717
45	29.239	215		0.01	0.0128
46	29.359	260		0.02	0.0154
47	29.537	1101		0.07	0.0653
48	29.841	506		0.03	0.0300
49	29.957	1040		0.06	0.0617
50	30.125	437		0.03	0.0259
51	30.301	552		0.03	0.0328
52	30.374	279		0.02	0.0166
53	30.650	848		0.05	0.0503
54	30.795	647		0.04	0.0384
55	30.857	124		0.01	0.0074
56	31.037	798		0.05	0.0473
57	31.256	248		0.01	0.0147
58	31.551	695		0.04	0.0412
59	31.641	411		0.02	0.0244
60	31.769	464		0.03	0.0276
61	31.939	218		0.01	0.0129
				142.62	142.6245

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Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.836	0	AR1221-1	0.00	0.0000
10	8.417	1246	AR1221-3	3.02	3.0188
				3.02	3.0188

Report stored in ASCII file: C:\DATA65\H224009.TX0

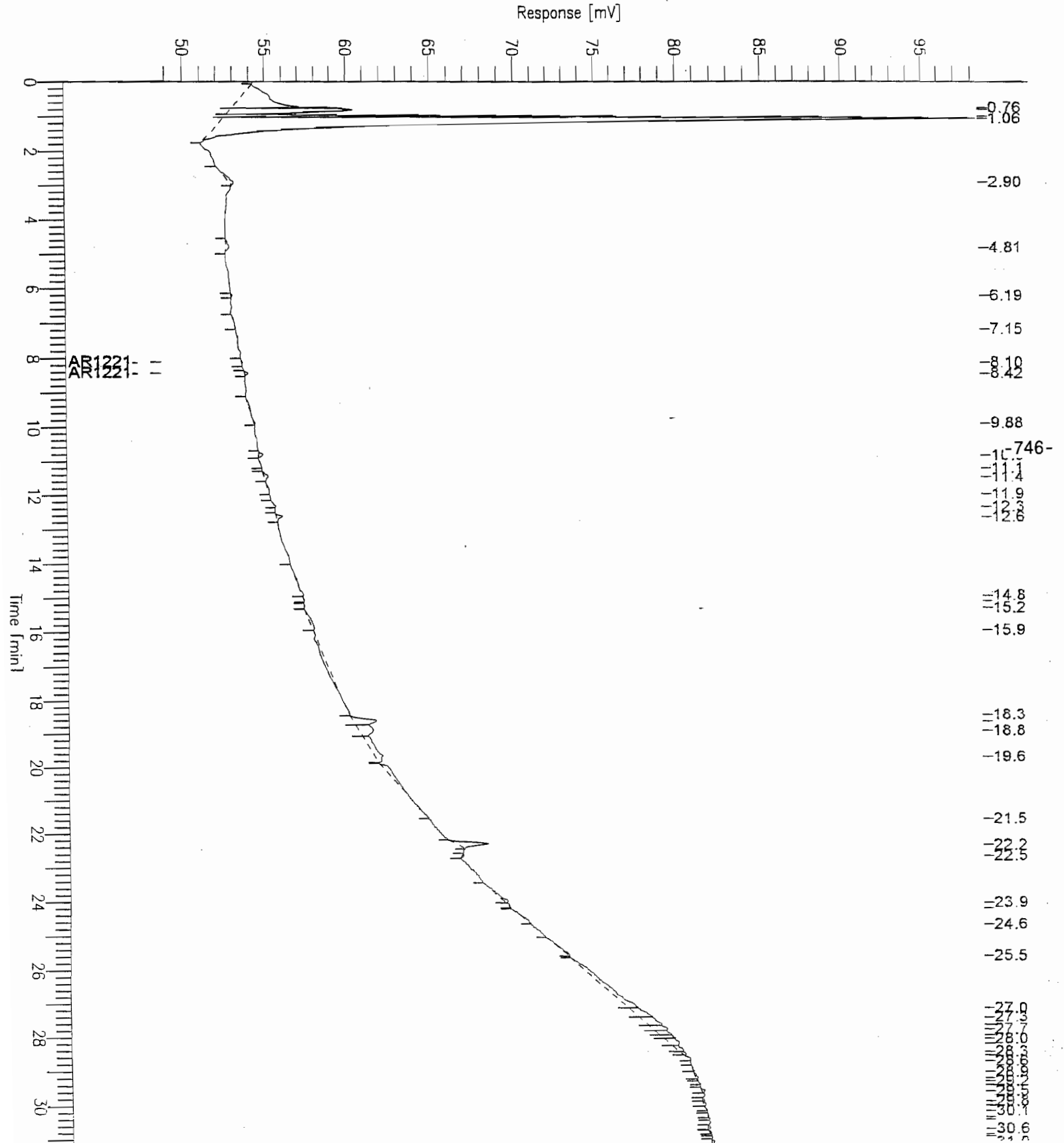
Chromatogram - ECD#1

Sample Name : AR1221 5PPB
FileName : C:\DATA65\H224009.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 49 mV

Sample #: 9
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 09:35 PM
Low Point : 48.77 mV
Plot Scale: 49.7 mV
High Point : 98.46 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 10

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/9

Interface Serial # : NONE Data Acquisition Time: 2/24/05 10:11 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224010.RAW

Result File : C:\DATA65\I224010.rst

Inst Method : PCB2CH from C:\DATA65\I224010.rst

Proc Method : C:\DATA65\I1221228.mth

Calib Method : C:\DATA65\I1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 97

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.118	2225		0.09	0.0917
2	0.522	198		0.01	0.0082
3	1.274	130904		5.39	5.3940
4	1.551	949446		39.12	39.1225
5	2.244	35819		1.48	1.4759
6	2.818	1228		0.05	0.0506
7	3.081	657		0.03	0.0271
8	3.875	8249		0.34	0.3389

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.644	229		0.01	0.0095
11	4.792	179		0.01	0.0074
12	4.941	953		0.04	0.0393
13	5.417	466		0.02	0.0192
14	6.022	426		0.02	0.0175
15	6.255	1880		0.08	0.0775
16	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
17	6.483	119		0.00	0.0049
18	6.890	1850		5.72	5.7201
19	7.896	6027	AR1221	4.07	4.0715
20	8.515	548		0.58	0.5769
21	8.878	2055		2.16	2.1623
22	9.039	136		0.14	0.1435
23	9.262	835		0.88	0.8790
24	9.490	582		0.61	0.6127
25	9.910	898		0.95	0.9454
26	10.347	306		0.32	0.3220
27	10.502	154		0.16	0.1623
28	10.579	188		0.20	0.1975
29	10.726	161		0.17	0.1689
30	10.954	114		0.12	0.1204
31	11.119	938		0.99	0.9867
32	11.661	2392		2.52	2.5168
33	12.444	3782		3.98	3.9796
34	12.783	5646		5.94	5.9403
35	13.579	826		0.87	0.8690
36	13.793	883		0.93	0.9292
37	14.109	906		0.95	0.9533
38	14.857	8213		8.64	8.6416
39	14.995	4867		5.12	5.1208
40	15.160	2544		2.68	2.6773
41	15.335	6972		7.34	7.3364
42	16.022	16132		16.97	16.9740
43	16.300	172		0.18	0.1807
44	16.446	450		0.47	0.4734
45	16.679	767		0.81	0.8065
46	17.058	4820		0.16	0.1570
47	17.527	16790		0.55	0.5469
48	18.403	37973		1.24	1.2368
49	18.591	18091		0.59	0.5892
50	19.256	20741		0.68	0.6755
51	19.704	12779		0.42	0.4162
52	19.944	655		0.02	0.0213
53	20.101	293		0.01	0.0095
54	20.160	177		0.01	0.0058
55	20.324	309		0.01	0.0101
56	20.555	1203		0.04	0.0392
57	20.713	187		0.01	0.0061
58	20.947	549		0.02	0.0179
59	21.249	2514		0.08	0.0819
60	21.545	43551		1.42	1.4185
61	21.857	3281		0.11	0.1069
62	21.939	1901		0.06	0.0619
63	22.000	1648		0.05	0.0537
64	22.094	1070		0.03	0.0348
65	22.173	824		0.03	0.0268
66	22.236	492		0.02	0.0160
67	22.325	493		0.02	0.0160
68	22.394	400		0.01	0.0130
69	22.561	794		0.03	0.0258
70	22.627	439		0.01	0.0143
71	22.706	607		0.02	0.0198
72	22.865	1665		0.05	0.0542
73	23.014	391		0.01	0.0128
74	23.090	408		0.01	0.0133
75	23.166	740		0.02	0.0241
76	23.233	569		0.02	0.0185
77	23.324	323		0.01	0.0105
78	24.325	37812		1.23	1.2315
79	24.475	3984		0.13	0.1298
80	24.947	7275		0.24	0.2369
81	25.805	19827		0.65	0.6458
82	25.962	2757		0.09	0.0898
83	26.113	2530		0.08	0.0824
84	26.165	0	Decachlorobiphenyl	0.00	0.0000
85	26.194	654		0.02	0.0213
86	26.256	276		0.01	0.0090
87	26.422	684		0.02	0.0223

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	27.256	788		0.03	0.0257
90	27.409	1649		0.05	0.0537
91	28.972	66111		2.15	2.1533
92	29.360	1041		0.03	0.0339
93	29.618	329		0.01	0.0107
94	29.922	856		0.03	0.0279
95	30.752	3464		0.11	0.1128
96	31.119	433		0.01	0.0141
97	31.919	236		0.01	0.0077
		1535481		132.02	132.0183

Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	7.259	988	AR1221-1	3.05	3.0547
19	7.707	1149	AR1221-2	5.57	5.5664
20	7.896	3890	AR1221-3	4.09	4.0926
		6027		12.71	12.7137

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

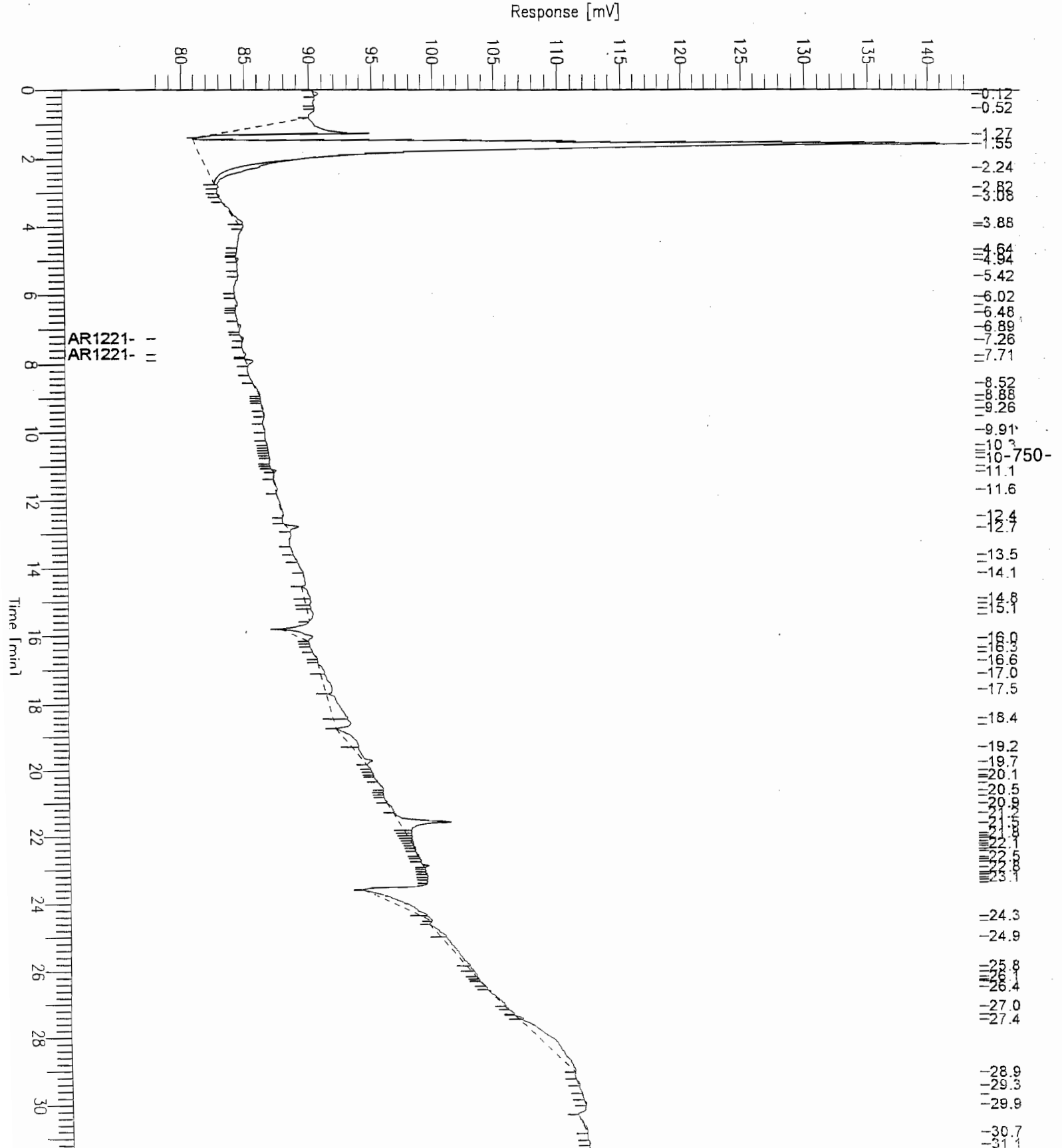
Report stored in ASCII file: C:\DATA65\I224010.TX0

Chromatogram - ECD#1

Sample Name : AR1221 5PPB
FileName : C:\DATA65\I224010.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 78 mV

Sample #: 10
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 10:11 PM
Low Point : 77.84 mV
Plot Scale: 65.9 mV
Page 1 of 1
High Point : 143.71 mV



Software Version: 4.1<2F12>

Sample Name : AR1221 20PPB

Time : 3/1/05 11:50 AM

Sample Number: 10

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/10

Interface Serial # : NONE Data Acquisition Time: 2/24/05 10:11 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224010.RAW

Result File : C:\DATA65\H224010.rst

Inst Method : PCB2CH from C:\DATA65\H224010.rst

Proc Method : C:\DATA65\H1221228.mth

Calib Method : C:\DATA65\H1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 74

PCB REPORT

=====
P-SFC CHANNEL H
=====

pk	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.820	154648		17.38	17.3751
2	1.004	84628		9.51	9.5082
3	1.060	485497		54.55	54.5470
4	1.803	14370		1.61	1.6146
5	2.893	2144		0.24	0.2409
6	3.670	529		0.06	0.0595
7	4.026	286		0.03	0.0321

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.210	6257		0.70	0.7030
11	6.518	515		0.06	0.0578
12	6.848	371		0.04	0.0417
13	7.127	361		0.04	0.0406
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
15	8.111	1982	AR1221-2	19.29	19.2901
	8.421	11447	AR1221	21.25	21.2450
17	8.840	1614		3.91	3.9119
18	9.380	2963		7.18	7.1809
19	9.608	2712		6.57	6.5717
20	9.855	2284		5.53	5.5349
21	10.474	1116		2.70	2.7049
22	10.809	2694		6.53	6.5292
23	11.160	1549		3.75	3.7537
24	11.434	2732		6.62	6.6209
25	11.836	1611		3.90	3.9043
26	12.317	1943		4.71	4.7089
27	12.619	29268		70.93	70.9251
28	13.239	497		1.21	1.2054
29	13.983	3925		9.51	9.5118
30	14.431	1289		3.12	3.1242
31	14.595	150		0.36	0.3644
32	14.891	1071		2.60	2.5952
33	15.053	1301		3.15	3.1524
34	15.582	3589		8.70	8.6966
35	15.828	3467		8.40	8.4013
36	16.048	1256		3.04	3.0429
37	18.387	8674		0.51	0.5147
38	18.613	16888		1.00	1.0022
39	18.893	8264		0.49	0.4904
40	19.158	853		0.05	0.0506
41	19.626	31743		1.88	1.8837
42	21.510	1156		0.07	0.0686
43	22.265	46728		2.77	2.7730
44	22.583	632		0.04	0.0375
45	22.873	2762		0.16	0.1639
46	23.947	7778		0.46	0.4616
47	24.133	1337		0.08	0.0793
48	26.795	38335		2.27	2.2749
49	27.301	5305		0.31	0.3148
50	27.357	399		0.02	0.0237
51	27.540	432		0.03	0.0256
52	27.746	648		0.04	0.0384
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
53	27.917	833		0.05	0.0494
54	28.016	918		0.05	0.0545
55	28.170	1842		0.11	0.1093
56	28.306	2433		0.14	0.1444
57	28.411	1536		0.09	0.0911
58	28.594	1829		0.11	0.1086
59	28.837	792		0.05	0.0470
50	28.905	198		0.01	0.0117
51	28.977	111		0.01	0.0066
52	29.146	381		0.02	0.0226
53	29.396	1655		0.10	0.0982
54	29.498	1353		0.08	0.0803
55	29.603	715		0.04	0.0424
56	29.742	144		0.01	0.0085
57	29.891	371		0.02	0.0220
58	30.061	278		0.02	0.0165
59	30.410	820		0.05	0.0487
0	30.859	732		0.04	0.0435
2	31.241	570		0.03	0.0338
3	31.486	1482		0.09	0.0879
4	31.731	716		0.04	0.0425
		1022983		298.71	298.7116

-752-

Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
4	7.842	2196	AR1221-1	17.41	17.4071

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
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		11447		39.83	39.8252
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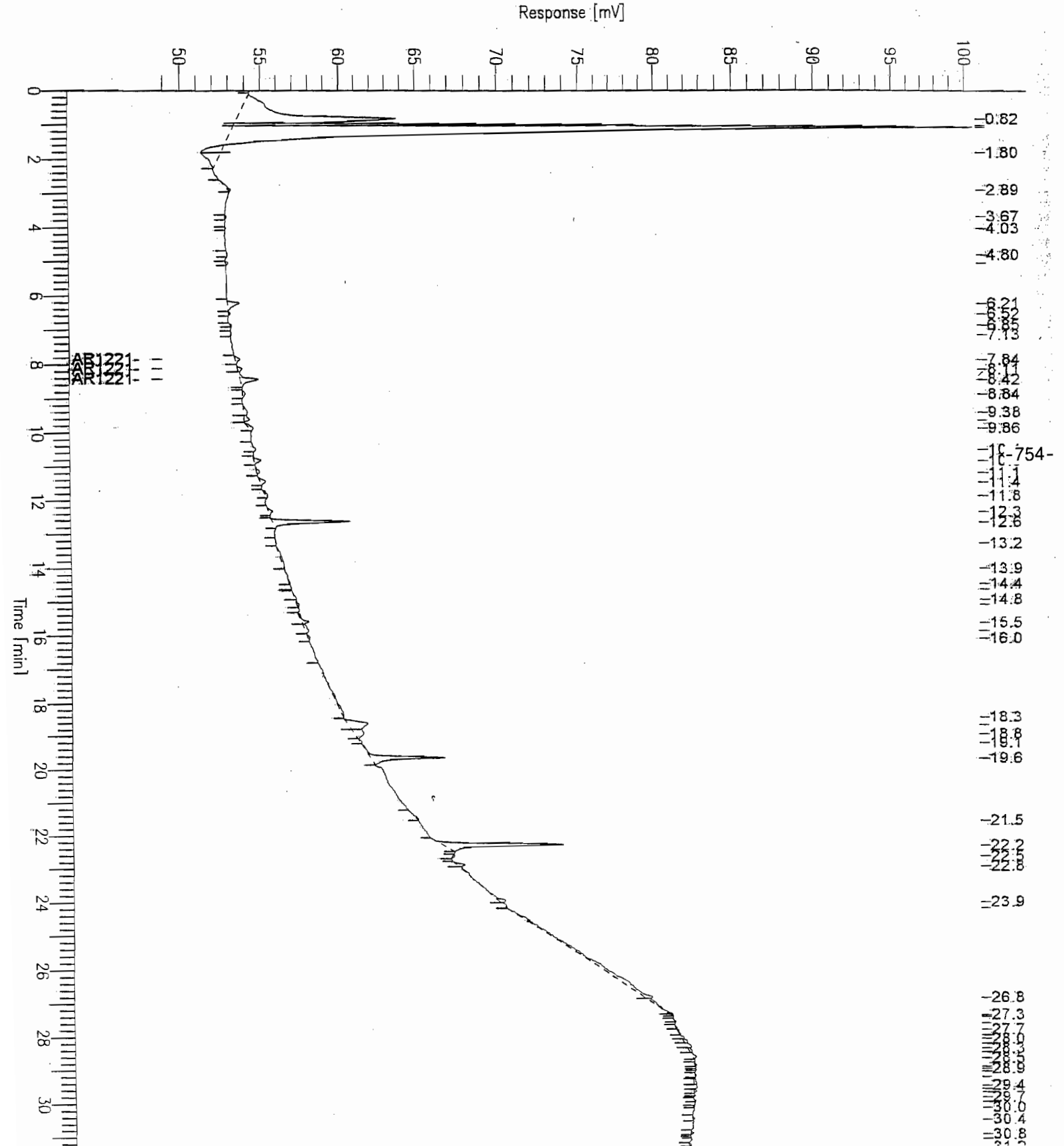
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224010.TX0

Chromatogram - ECD#1

Sample Name : AR1221 20PPB
 FileName : C:\DATA65\H224010.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

Sample #: 10
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 10:11 PM
 Low Point : -48.92 mV
 High Point : 100.72 mV
 Plot Offset: 49 mV
 Plot Scale: 51.8 mV



Software Version: 4.1<2F12>

Sample Name : AR1221 20PPB

Time : 3/1/05 11:50 AM

Sample Number: 11

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/10

Interface Serial # : NONE Data Acquisition Time: 2/24/05 10:47 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224011.RAW

Result File : C:\DATA65\I224011.rst

Inst Method : PCB2CH from C:\DATA65\I224011.rst

Proc Method : C:\DATA65\I1221228.mth

Calib Method : C:\DATA65\I1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 89

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.047	1501		0.06	0.0618
2	0.546	38398		1.58	1.5822
3	1.272	170790		7.04	7.0375
4	1.491	114828		4.73	4.7316
5	1.551	963767		39.71	39.7127
6	2.250	29175		1.20	1.2022
7	3.147	1042		0.04	0.0429
8	3.228	1007		0.04	0.0374

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.823	2743		0.11	0.1130
11	3.971	1830		0.08	0.0754
12	4.170	645		0.03	0.0266
13	4.944	6692		0.28	0.2757
14	5.503	682		0.03	0.0281
15	6.029	942		0.04	0.0388
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
16	6.277	810		0.03	0.0334
17	6.698	3244		0.13	0.1337
18	6.882	10960		33.90	33.8960
	7.892	30225	AR1221	20.42	20.4193
22	8.102	1914		2.01	2.0137
23	8.879	11576		12.18	12.1806
24	9.037	158		0.17	0.1665
25	9.258	7228		7.61	7.6051
26	9.435	9007		9.48	9.4775
27	9.809	1829		1.92	1.9246
28	9.925	900		0.95	0.9470
29	10.042	516		0.54	0.5432
30	10.418	2307		2.43	2.4274
31	10.575	3257		3.43	3.4271
32	10.763	8036		8.46	8.4557
33	11.121	11427		12.02	12.0241
34	11.436	1673		1.76	1.7600
35	11.558	850		0.89	0.8942
36	11.960	1799		1.89	1.8928
37	12.044	1338		1.41	1.4080
38	12.780	67540		71.07	71.0669
39	13.551	2941		3.09	3.0945
40	13.719	4351		4.58	4.5786
41	13.968	6228		6.55	6.5530
42	14.077	5788		6.09	6.0904
43	14.204	5448		5.73	5.7320
44	14.319	6417		6.75	6.7517
45	14.474	6415		6.75	6.7505
46	14.860	14721		15.49	15.4892
47	15.022	7138		7.51	7.5111
48	15.140	3084		3.25	3.2451
49	15.373	1633		1.72	1.7186
50	16.013	29181		30.71	30.7051
51	16.382	20519		21.59	21.5901
52	17.207	16718		0.54	0.5445
53	17.514	410		0.01	0.0134
54	17.778	3850		0.13	0.1254
55	17.870	2608		0.08	0.0850
56	18.215	5771		0.19	0.1880
57	18.327	489		0.02	0.0159
58	18.590	7184		0.23	0.2340
59	19.291	17331		0.56	0.5645
60	19.694	70108		2.28	2.2834
61	20.328	8596		0.28	0.2832
62	20.405	1692		0.06	0.0551
63	20.629	600		0.02	0.0196
64	20.720	2195		0.07	0.0715
65	20.857	544		0.02	0.0177
66	21.090	767		0.02	0.0250
67	21.166	427		0.01	0.0139
68	21.545	93432		3.04	3.0431
69	22.002	204		0.01	0.0066
70	22.173	1049		0.03	0.0342
71	22.241	1133		0.04	0.0369
72	22.320	648		0.02	0.0211
73	22.402	340		0.01	0.0111
74	22.643	632		0.02	0.0206
75	22.862	3262		0.11	0.1062
76	23.006	320		0.01	0.0104
77	23.171	1028		0.03	0.0335
78	23.317	278		0.01	0.0091
79	24.396	92356		3.01	3.0081
80	24.478	17475		0.57	0.5692
81	25.098	61762		2.01	2.0116
82	25.167	6116		0.20	0.1992
83	25.446	29772		0.97	0.9697
84	25.728	19547		0.64	0.6366
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
85	26.582	52693		1.72	1.7162
86	29.074	195018		6.35	6.3518
87	29.559	651		0.02	0.0212

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	31.652	1555		0.05	0.0506
		2352198		391.24	391.2352

Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
19	7.239	6975	AR1221-1	21.57	21.5702
20	7.696	4628	AR1221-2	22.41	22.4120
21	7.892	18622	AR1221-3	19.59	19.5948
		30225		63.58	63.5769

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224011.TX0

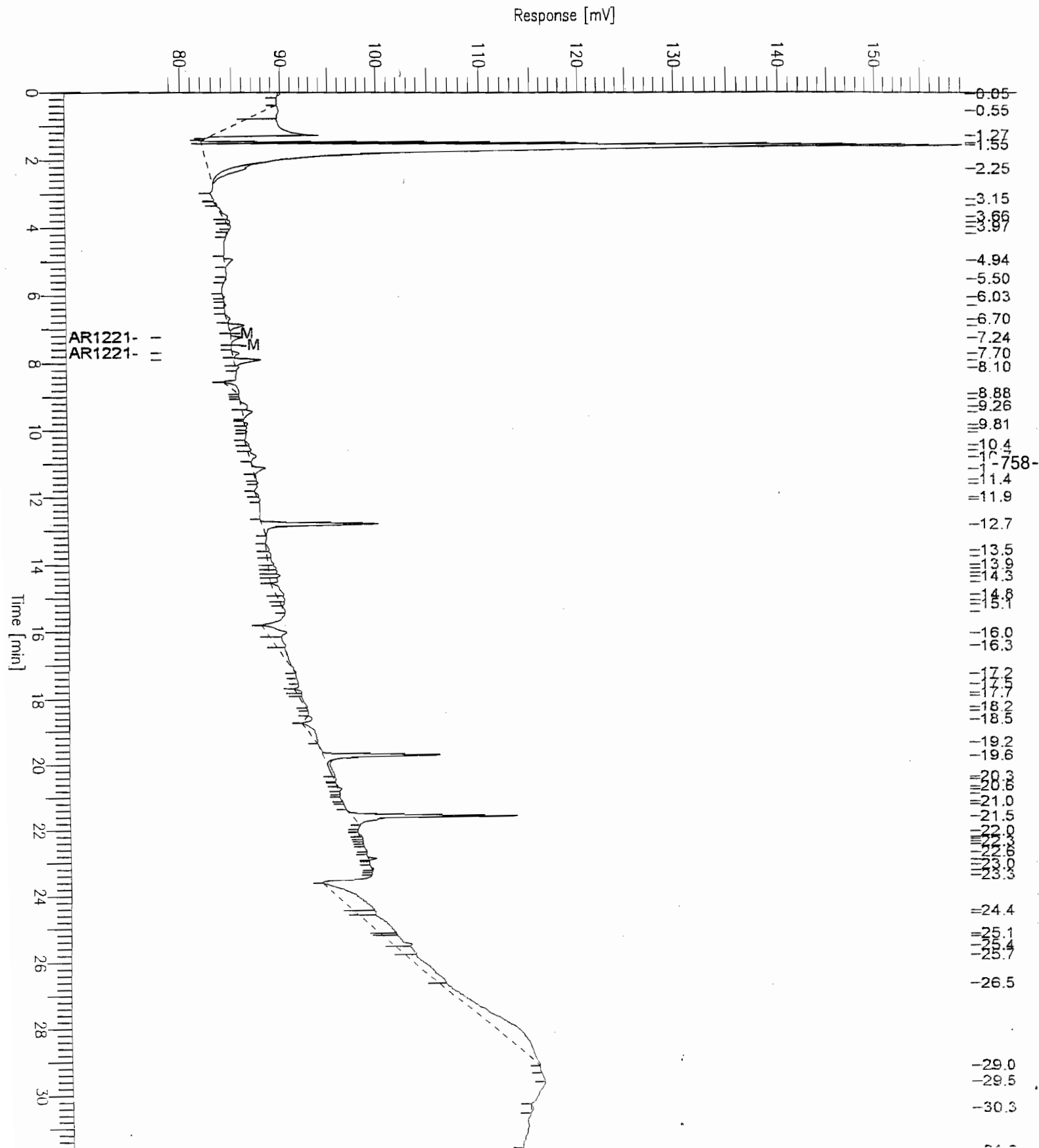
Chromatogram - ECD#1

Sample Name : AR1221 20PPB
File Name : C:\DATA65\I224011.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 78 mV

Sample #: 11
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 10:47 PM
Low Point : 78.23 mV
Plot Scale: 81.3 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 100PPB

Time : 3/1/05 11:50 AM

Sample Number: 11

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/11

Interface Serial # : NONE Data Acquisition Time: 2/24/05 10:47 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224011.RAW

Result File : C:\DATA65\H224011.rst

Inst Method : PCB2CH from C:\DATA65\H224011.rst

Proc Method : C:\DATA65\H1221228.mth

Calib Method : C:\DATA65\H1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-759-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 84

PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.813	151357		17.01	17.0054
2	1.007	78551		8.83	8.8255
3	1.064	452388		50.83	50.8271
4	2.879	3192		0.36	0.3586
5	4.026	322		0.04	0.0361
6	4.740	2285		0.26	0.2567
7	5.040	12458		1.40	1.3997
8	6.203	383		0.04	0.0430
9	6.521	4303		0.48	0.4835

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.853	4879		0.55	0.5482
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000
12	8.110	9861	AR1221-2	95.95	95.9468
	8.422	51459	AR1221	95.51	95.5086
14	9.536	1543		3.74	3.7403
15	9.759	1842		4.46	4.4636
16	9.862	1993		4.83	4.8305
17	9.956	1852		4.49	4.4876
18	10.099	1937		4.69	4.6940
19	10.470	9884		23.95	23.9509
20	10.803	2171		5.26	5.2599
21	11.173	874		2.12	2.1174
22	11.424	2808		6.80	6.8048
23	11.722	2145		5.20	5.1976
24	11.814	3332		8.07	8.0750
25	11.906	2857		6.92	6.9221
26	12.320	3162		7.66	7.6625
27	12.617	3326		8.06	8.0597
28	12.837	1172		2.84	2.8408
29	13.003	468		1.13	1.1331
30	13.526	697		1.69	1.6890
31	14.213	963		2.33	2.3340
32	15.092	3891		9.43	9.4296
33	15.243	1265		3.07	3.0658
34	15.403	924		2.24	2.2387
35	15.864	3691		8.95	8.9453
36	16.032	1892		4.58	4.5839
37	16.728	2216		5.37	5.3711
38	17.039	1150		2.79	2.7858
39	17.396	3148		7.63	7.6292
40	18.080	4419		10.71	10.7086
41	18.382	1941		0.12	0.1152
42	18.579	12260		0.73	0.7275
43	18.778	6841		0.41	0.4060
44	18.882	7983		0.47	0.4737
45	19.157	3619		0.21	0.2148
46	19.627	9607		0.57	0.5701
47	19.779	1896		0.11	0.1125
48	20.181	7418		0.44	0.4402
49	21.498	4199		0.25	0.2492
50	22.264	20837		1.24	1.2365
51	22.580	807		0.05	0.0479
52	23.588	1021		0.06	0.0606
53	23.932	968		0.06	0.0575
54	24.124	418		0.02	0.0248
55	25.986	73161		4.34	4.3415
56	27.450	136504		8.10	8.1005
57	27.618	22569		1.34	1.3393
58	27.769	17045		1.01	1.0115
0	27.786		0 Decachlorobiphenyl	0.00	0.0000
59	27.906	16976		1.01	1.0074
60	28.084	25117		1.49	1.4905
61	28.259	20798		1.23	1.2342
62	28.390	10513		0.62	0.6239
63	28.503	18474		1.10	1.0963
64	28.740	16257		0.96	0.9647
65	28.851	13328		0.79	0.7909
66	28.985	8265		0.49	0.4905
67	29.091	11817		0.70	0.7013
68	29.264	7548		0.45	0.4479
69	29.474	6689		0.40	0.3970
70	29.586	3187		0.19	0.1891
71	29.653	2790		0.17	0.1656
72	29.832	837		0.05	0.0497
73	30.043	827		0.05	0.0491
74	30.309	1036		0.06	0.0615
75	30.400	336		0.02	0.0199
76	30.529	728		0.04	0.0432
77	30.738	778		0.05	0.0462
78	30.980	158		0.01	0.0094
79	31.084	328		0.02	0.0195
30	31.211	282		0.02	0.0167
31	31.264	447		0.03	0.0266
32	31.472	220		0.01	0.0131
33	31.813	438		0.03	0.0260
34	31.891	445		0.03	0.0264

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Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
11	7.837	12678	AR1221-1	100.51	100.5144
13	8.422	38782	AR1221-3	93.98	93.9786
		51459		194.49	194.4930

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\H224011.TX0

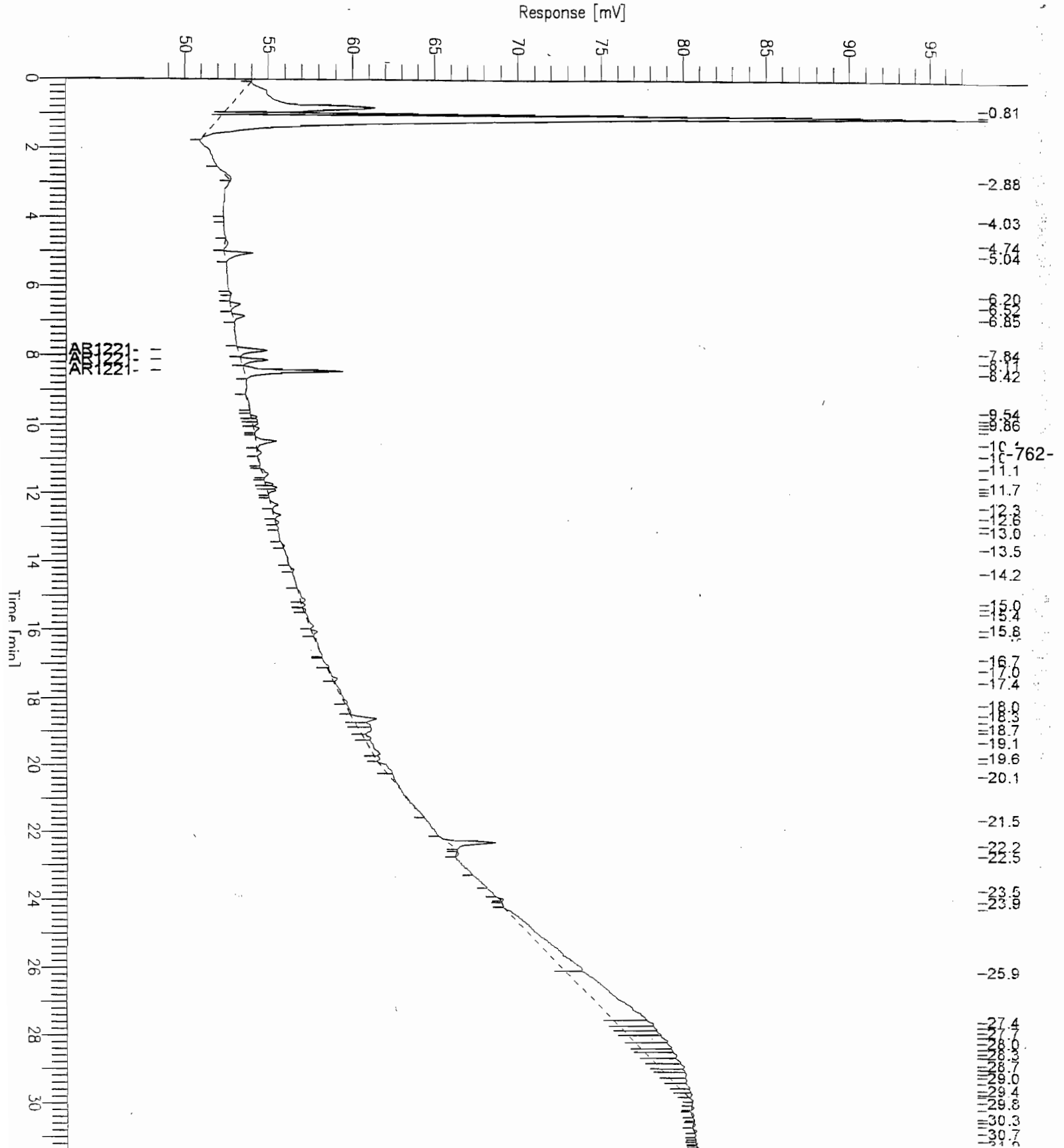
Chromatogram - ECD#1

Sample Name : AR1221 100PPB
File Name : C:\DATA65\H224011.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 49 mV

Sample #: 11
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 10:47 PM
Low Point : 48.56 mV
Plot Scale : 49.4 mV
High Point : 98.00 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 100PPB

Time : 3/1/05 11:50 AM

Sample Number: 12

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/11

Interface Serial # : NONE Data Acquisition Time: 2/24/05 11:23 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224012.RAW

Result File : C:\DATA65\I224012.rst

Inst Method : PCB2CH from C:\DATA65\I224012.rst

Proc Method : C:\DATA65\I1221228.mth

Calib Method : C:\DATA65\I1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 107

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.096	2145		0.09	0.0884
2	0.511	155		0.01	0.0064
3	1.276	124193		5.12	5.1175
4	1.494	96064		3.96	3.9584
5	1.553	769682		31.72	31.7152
6	2.252	7164		0.30	0.2952
7	2.655	375		0.02	0.0155
8	2.907	341		0.01	0.0141

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.857	15808		0.65	0.6514
11	3.959	4127		0.17	0.1701
12	4.946	32870		1.35	1.3544
13	6.020	5600		0.23	0.2307
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
14	6.256	553		0.02	0.0228
15	6.684	13422		0.55	0.5531
16	6.882	3637		11.25	11.2466
	7.893	157229	AR1221	106.22	106.2211
20	8.654	751		0.79	0.7906
21	8.735	159		0.17	0.1673
22	8.955	138		0.14	0.1449
23	9.036	130		0.14	0.1372
24	9.253	14349		15.10	15.0977
25	9.424	16233		17.08	17.0801
26	9.927	1148		1.21	1.2082
27	10.036	3022		3.18	3.1797
28	10.414	1491		1.57	1.5687
29	10.501	2323		2.44	2.4446
30	10.763	15204		16.00	15.9982
31	11.212	9624		10.13	10.1263
32	11.413	150		0.16	0.1575
33	11.552	1800		1.89	1.8941
34	11.914	2305		2.43	2.4255
35	12.039	1122		1.18	1.1811
36	12.434	1240		1.31	1.3052
37	12.783	7970		8.39	8.3859
38	12.975	1697		1.79	1.7857
39	13.192	581		0.61	0.6111
40	13.515	621		0.65	0.6538
41	13.859	1054		1.11	1.1086
42	14.075	1996		2.10	2.1007
43	14.204	3443		3.62	3.6223
44	14.460	4971		5.23	5.2305
45	14.674	10008		10.53	10.5307
46	14.866	13765		14.48	14.4836
47	15.048	9963		10.48	10.4827
48	15.130	6992		7.36	7.3569
49	15.327	2524		2.66	2.6556
50	16.013	17975		18.91	18.9135
51	16.216	1305		1.37	1.3727
52	16.394	3813		4.01	4.0117
53	16.514	1803		1.90	1.8973
54	17.048	11528		0.38	0.3755
55	17.175	4414		0.14	0.1438
56	17.559	2057		0.07	0.0670
57	17.786	10636		0.35	0.3464
58	18.228	40898		1.33	1.3321
59	18.317	12381		0.40	0.4033
60	18.563	24465		0.80	0.7968
61	18.974	11370		0.37	0.3703
62	19.107	4258		0.14	0.1387
63	19.490	16055		0.52	0.5229
64	19.698	16283		0.53	0.5303
65	20.237	15514		0.51	0.5053
66	20.316	2857		0.09	0.0931
67	20.477	4784		0.16	0.1558
68	20.547	3896		0.13	0.1269
69	20.761	1653		0.05	0.0538
70	20.939	939		0.03	0.0306
71	21.096	693		0.02	0.0226
72	21.547	44064		1.44	1.4352
73	21.779	2114		0.07	0.0688
74	21.857	1724		0.06	0.0561
75	22.091	153		0.00	0.0050
76	22.168	443		0.01	0.0144
77	22.249	153		0.00	0.0050
78	22.388	1175		0.04	0.0383
79	22.475	689		0.02	0.0224
80	22.549	942		0.03	0.0307
81	22.704	1518		0.05	0.0494
82	22.864	2753		0.09	0.0897
83	23.015	379		0.01	0.0123
84	23.168	447		0.01	0.0146
95	23.324	292		0.01	0.0095
86	23.715	3574		0.12	0.1164
87	24.097	27067		0.88	0.8816
88	24.331	13173		0.42	0.4188

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	24.501	1125		0.04	0.0366
91	24.788	4075		0.13	0.1327
92	24.949	3303		0.11	0.1076
93	25.178	3823		0.12	0.1245
94	25.730	7728		0.25	0.2517
95	25.787	772		0.03	0.0252
96	26.109	2100		0.07	0.0684
97	26.165	420		0.01	0.0137
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
98	26.480	3329		0.11	0.1084
99	26.560	448		0.01	0.0146
100	27.184	4042		0.13	0.1316
101	27.437	4202		0.14	0.1368
102	28.779	69553		2.27	2.2654
103	29.477	1704		0.06	0.0555
104	29.760	6465		0.21	0.2106
105	30.696	4573		0.15	0.1489
106	31.174	711		0.02	0.0231
107	31.708	2380		0.08	0.0775
		1803762		345.09	345.0893

Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
17	7.237	32070	AR1221-1	99.18	99.1822
18	7.697	21905	AR1221-2	106.09	106.0888
19	7.893	103254	AR1221-3	108.64	108.6446
		157229		313.92	313.9156

-765-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224012.TX0

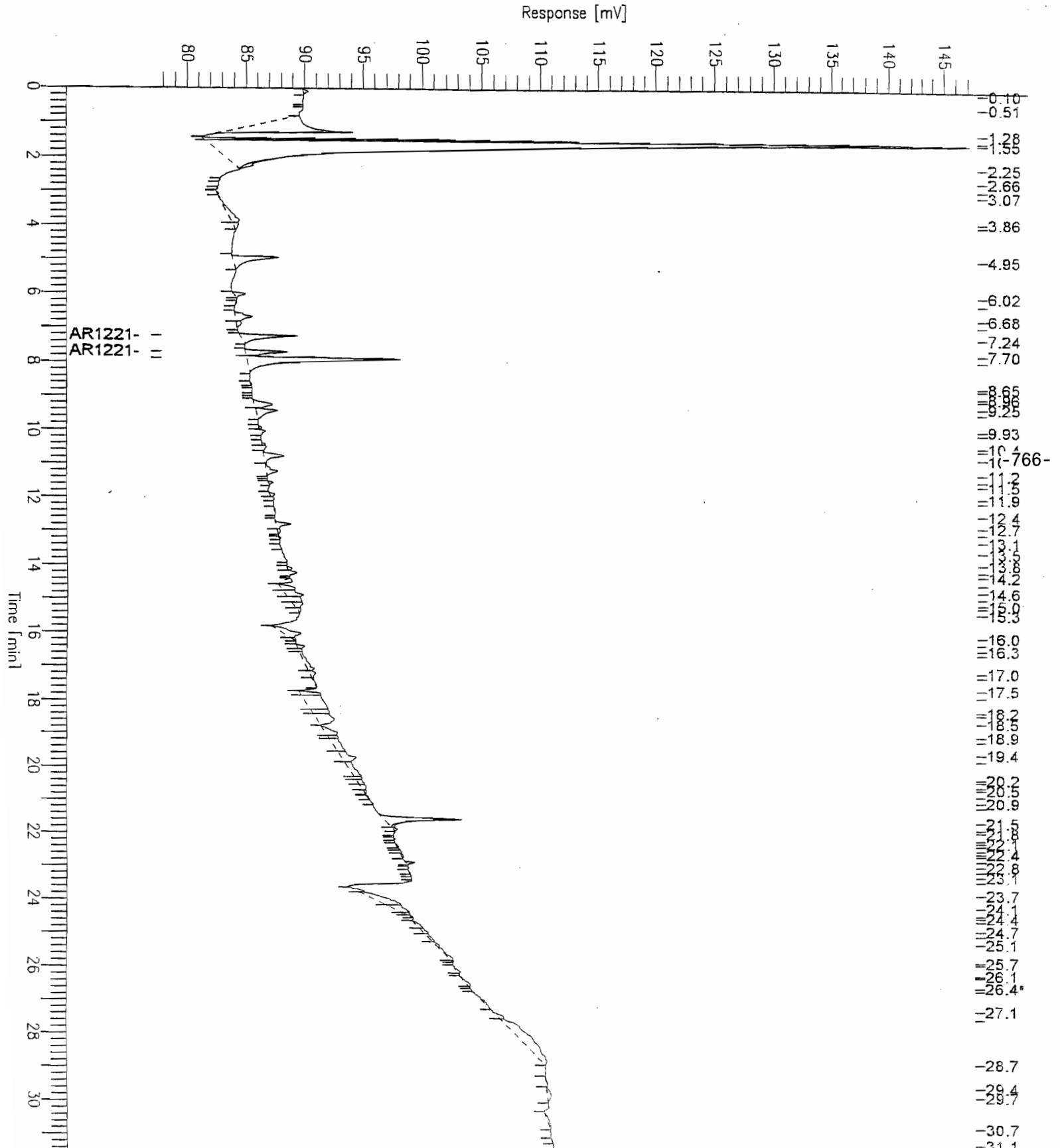
Chromatogram - ECD#1

Sample Name : AR1221 100PPB
FileName : C:\DATA65\I224012.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 78 mV

Sample #: 12
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 11:23 PM
Low Point : 77.93 mV
High Point : 147.84 mV
Plot Scale: 69.9 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 250PPB

Time : 3/1/05 11:50 AM

Sample Number: 12

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/12

Interface Serial # : NONE Data Acquisition Time: 2/24/05 11:23 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224012.RAW

Result File : C:\DATA65\H224012.rst

Inst Method : PCB2CH from C:\DATA65\H224012.rst

Proc Method : C:\DATA65\H1221228.mth

Calib Method : C:\DATA65\H1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-767-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 95

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.756	114986		12.92	12.9190
2	2.882	13771		1.55	1.5472
3	3.658	484		0.05	0.0543
4	4.016	221		0.02	0.0249
5	4.819	1661		0.19	0.1866
6	5.030	31392		3.53	3.5270
7	6.201	3559		0.40	0.3999
8	6.512	10520		1.18	1.1819

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	7.440	305		0.03	0.0343
11	7.599	657		5.21	5.2082
13	8.103	25786	AR1221-2	250.90	250.9043
	8.416	131223	AR1221	243.55	243.5495
15	8.844	2292		5.55	5.5533
16	9.384	611		1.48	1.4800
17	9.602	966		2.34	2.3404
18	9.753	4512		10.93	10.9332
19	9.853	4542		11.01	11.0070
20	9.944	5385		13.05	13.0492
21	10.095	7725		18.72	18.7197
22	10.464	26198		63.49	63.4860
23	10.807	2998		7.27	7.2655
24	11.032	261		0.63	0.6334
25	11.135	788		1.91	1.9094
26	11.323	1285		3.11	3.1128
27	11.415	4398		10.66	10.6576
28	11.720	5010		12.14	12.1396
29	11.812	8506		20.61	20.6117
30	11.900	8010		19.41	19.4112
31	12.321	4396		10.65	10.6536
32	12.616	15950		38.65	38.6502
33	12.830	3080		7.46	7.4642
34	12.994	1251		3.03	3.0308
35	13.160	736		1.78	1.7841
36	13.510	1668		4.04	4.0409
37	13.674	632		1.53	1.5307
38	13.839	262		0.63	0.6349
39	14.215	2491		6.04	6.0360
40	14.592	349		0.85	0.8469
41	14.891	1540		3.73	3.7322
42	15.094	4984		12.08	12.0776
43	15.241	2419		5.86	5.8627
44	15.382	1588		3.85	3.8475
45	15.582	1997		4.84	4.8394
46	15.851	3702		8.97	8.9714
47	16.031	3899		9.45	9.4474
48	16.228	1114		2.70	2.6987
49	16.719	2293		5.56	5.5565
50	17.036	1407		3.41	3.4089
51	17.223	210		0.51	0.5096
52	17.388	3345		8.10	8.1047
53	17.721	857		2.08	2.0763
54	18.074	1448		3.51	3.5088
55	18.586	15644		0.93	0.9284
56	18.946	6658		0.40	0.3951
57	19.152	4634		0.27	0.2750
58	19.393	4884		0.29	0.2898
59	19.625	17874		1.06	1.0607
60	20.147	4683		0.28	0.2779
61	20.563	595		0.04	0.0353
62	21.348	2696		0.16	0.1600
63	21.649	1831		0.11	0.1087
64	21.726	117		0.01	0.0069
65	21.958	511		0.03	0.0303
66	22.264	32360		1.92	1.9203
67	22.503	2281		0.14	0.1354
68	22.885	905		0.05	0.0537
69	23.127	457		0.03	0.0271
70	23.946	3740		0.22	0.2219
71	27.024	49263		2.92	2.9234
72	27.560	19359		1.15	1.1488
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
73	27.813	8829		0.52	0.5239
74	27.980	4567		0.27	0.2710
75	28.126	2845		0.17	0.1688
76	28.332	2220		0.13	0.1318
77	28.787	1228		0.07	0.0729
78	28.964	605		0.04	0.0359
79	29.133	276		0.02	0.0164
30	29.254	605		0.04	0.0359
31	29.389	188		0.01	0.0111
32	29.583	844		0.05	0.0501
33	29.731	207		0.01	0.0123
34	29.981	603		0.04	0.0358
35	30.045	632		0.04	0.0375
36	30.187	562		0.03	0.0333

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
88	30.643	207		0.01	0.0123
89	30.753	581		0.03	0.0345
90	30.850	1078		0.06	0.0640
91	30.955	134		0.01	0.0080
92	31.063	471		0.03	0.0280
93	31.236	412		0.02	0.0245
94	31.551	669		0.04	0.0397
95	31.889	361		0.02	0.0215
		690868		884.46	884.4565

Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
12	7.832	31957	AR1221-1	253.37	253.3670
14	8.416	99266	AR1221-3	240.55	240.5489
		131223		493.92	493.9159

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224012.TX0

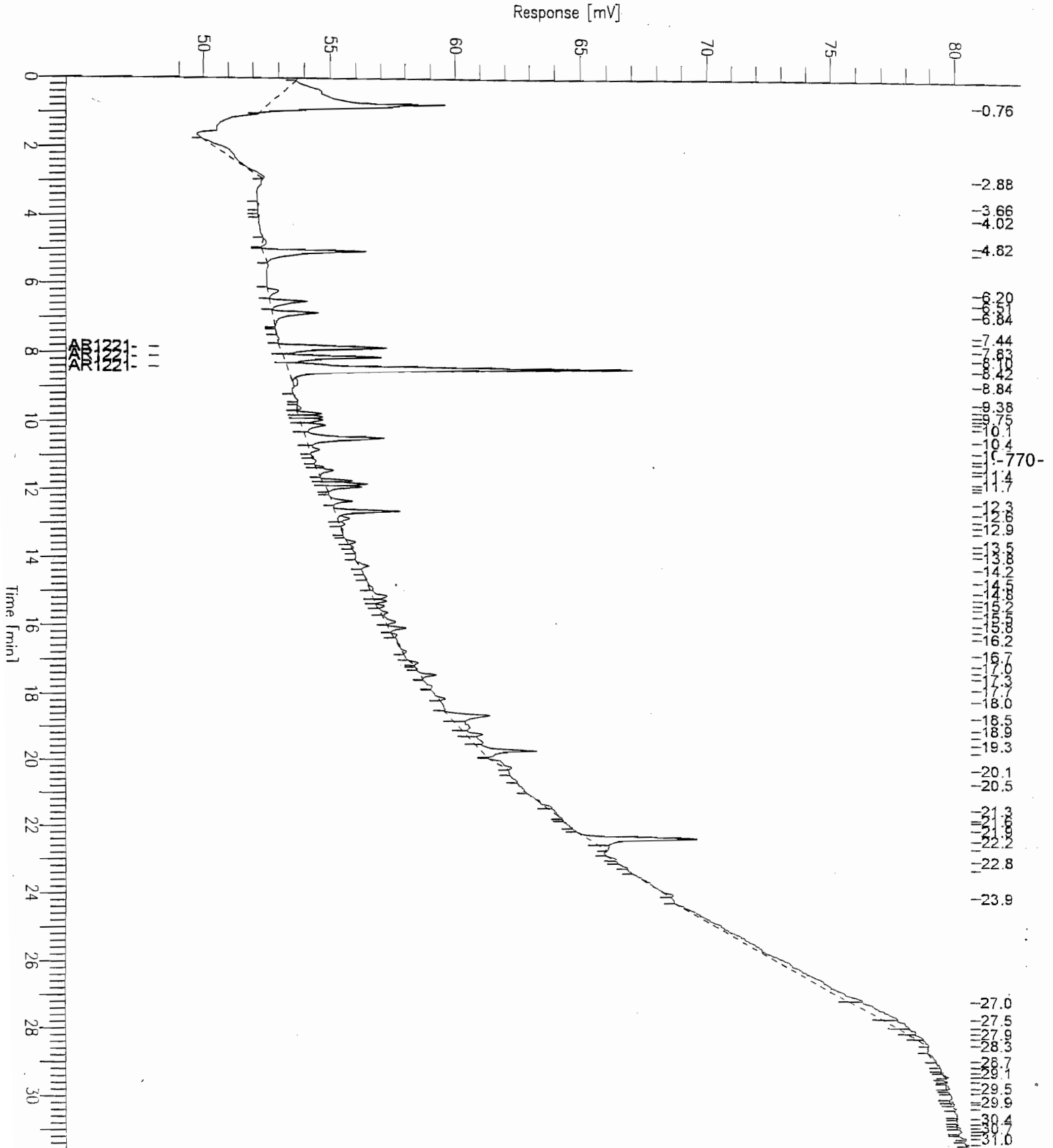
Chromatogram - ECD#1

Sample Name : AR1221 250PPB
FileName : C:\DATA65\H224012.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 48 mV

Sample #: 12
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 11:23 PM
Low Point : 48.22 mV
Plot Scale: 32.5 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 250PPB

Time : 3/1/05 11:50 AM

Sample Number: 13

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/12

Interface Serial # : NONE Data Acquisition Time: 2/24/05 11:59 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224013.RAW

Result File : C:\DATA65\I224013.rst

Inst Method : PCB2CH from C:\DATA65\I224013.rst

Proc Method : C:\DATA65\I1221228.mth

Calib Method : C:\DATA65\I1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-771-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 120

PCB REPORT

=====
IP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.153	13235		0.55	0.5453
2	0.311	23442		0.97	0.9659
3	0.600	118296		4.87	4.8745
4	1.276	190275		7.84	7.8404
5	1.367	659		0.03	0.0271
6	1.548	11303		0.47	0.4657
7	1.904	10214		0.42	0.4209
8	2.063	9799		0.40	0.4038
9	2.169	11649		0.48	0.4800

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/Kg, ng
10	3.093	1001		0.04	0.0413
11	3.493	4118		0.17	0.1697
12	3.887	7054		0.29	0.2907
13	3.988	2590		0.11	0.1067
14	4.723	579		0.02	0.0239
15	4.942	69928		2.88	2.8814
16	5.779	159		0.01	0.0066
17	6.017	16817		0.69	0.6930
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
18	6.600	5135		0.21	0.2116
19	6.679	20843		0.86	0.8588
20	6.871	6670		20.63	20.6293
	7.890	359375	AR1221	242.79	242.7870
24	8.650	3016		3.17	3.1734
25	8.732	864		0.91	0.9093
26	8.950	364		0.38	0.3827
27	9.250	31217		32.85	32.8467
28	9.423	41137		43.29	43.2853
29	9.798	1463		1.54	1.5391
30	9.924	4128		4.34	4.3435
31	10.034	9509		10.01	10.0050
32	10.417	3216		3.38	3.3840
33	10.496	4978		5.24	5.2383
34	10.762	30360		31.95	31.9454
35	11.118	2562		2.70	2.6958
36	11.210	17683		18.61	18.6058
37	11.548	10018		10.54	10.5406
38	11.909	6102		6.42	6.4207
39	12.040	3647		3.84	3.8369
40	12.170	1293		1.36	1.3605
41	12.432	311		0.33	0.3269
42	12.781	35459		37.31	37.3101
43	12.990	6635		6.98	6.9815
44	13.194	5243		5.52	5.5170
45	13.506	527		0.55	0.5542
46	13.713	1154		1.21	1.2143
47	13.860	982		1.03	1.0328
48	14.087	4711		4.96	4.9573
49	14.209	6364		6.70	6.6961
50	14.469	2127		2.24	2.2384
51	14.670	5099		5.37	5.3655
52	14.866	8561		9.01	9.0075
53	15.053	7167		7.54	7.5412
54	15.123	3424		3.60	3.6030
55	15.322	837		0.88	0.8808
56	15.595	6386		6.72	6.7192
57	16.005	27914		29.37	29.3710
58	16.283	11605		12.21	12.2108
59	16.395	17641		18.56	18.5617
60	16.522	5187		5.46	5.4584
61	16.743	16716		17.59	17.5886
62	17.048	15547		0.51	0.5064
63	17.174	10584		0.34	0.3447
64	17.487	3917		0.13	0.1276
65	17.572	930		0.03	0.0303
66	17.775	11646		0.38	0.3793
67	18.130	7869		0.26	0.2563
68	18.234	1834		0.06	0.0597
69	18.314	4306		0.14	0.1402
70	18.587	6113		0.20	0.1991
71	18.957	14568		0.47	0.4745
72	19.265	8795		0.29	0.2865
73	19.699	30996		1.01	1.0096
74	19.933	561		0.02	0.0183
75	20.079	385		0.01	0.0125
76	20.230	1287		0.04	0.0419
77	20.616	2942		0.10	0.0958
78	20.727	2293		0.07	0.0747
79	20.864	576		0.02	0.0188
80	20.929	535		0.02	0.0174
81	21.091	847		0.03	0.0276
82	21.256	234		0.01	0.0076
83	21.548	47286		1.54	1.5401
84	21.863	677		0.02	0.0220
85	22.017	882		0.03	0.0287
86	22.095	304		0.01	0.0099
87	22.163	328		0.01	0.0107
88	22.310	541		0.02	0.0176
89	22.483	1231		0.04	0.0422

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	22.549	851		0.03	0.0277
91	22.619	458		0.01	0.0149
92	22.869	3738		0.12	0.1217
93	23.008	870		0.03	0.0283
94	23.161	3100		0.10	0.1010
95	23.241	5049		0.16	0.1645
96	23.319	14378		0.47	0.4683
97	23.392	32353		1.05	1.0537
98	24.182	18010		0.59	0.5866
99	24.261	370		0.01	0.0120
100	24.482	2775		0.09	0.0904
101	24.955	2341		0.08	0.0762
102	25.177	1592		0.05	0.0519
103	25.241	146		0.00	0.0048
104	25.472	4717		0.15	0.1536
105	25.570	534		0.02	0.0174
106	25.816	1326		0.04	0.0432
107	25.947	1063		0.03	0.0346
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
108	26.174	2614		0.09	0.0851
109	26.397	1966		0.06	0.0640
110	26.501	511		0.02	0.0166
111	26.566	261		0.01	0.0085
112	26.883	4502		0.15	0.1466
113	26.963	1104		0.04	0.0359
114	27.192	2928		0.10	0.0954
115	27.416	6711		0.22	0.2186
116	28.791	119790		3.90	3.9016
117	29.131	19913		0.65	0.6486
118	29.406	3082		0.10	0.1004
119	30.511	1876		0.06	0.0611
120	31.715	214		0.01	0.0070
		1665901		662.61	662.6115

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Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
21	7.234	78304	AR1221-1	242.17	242.1663
22	7.694	48010	AR1221-2	232.51	232.5148
23	7.890	233061	AR1221-3	245.23	245.2300
		359375		719.91	719.9111

=====
 [NSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224013.TX0

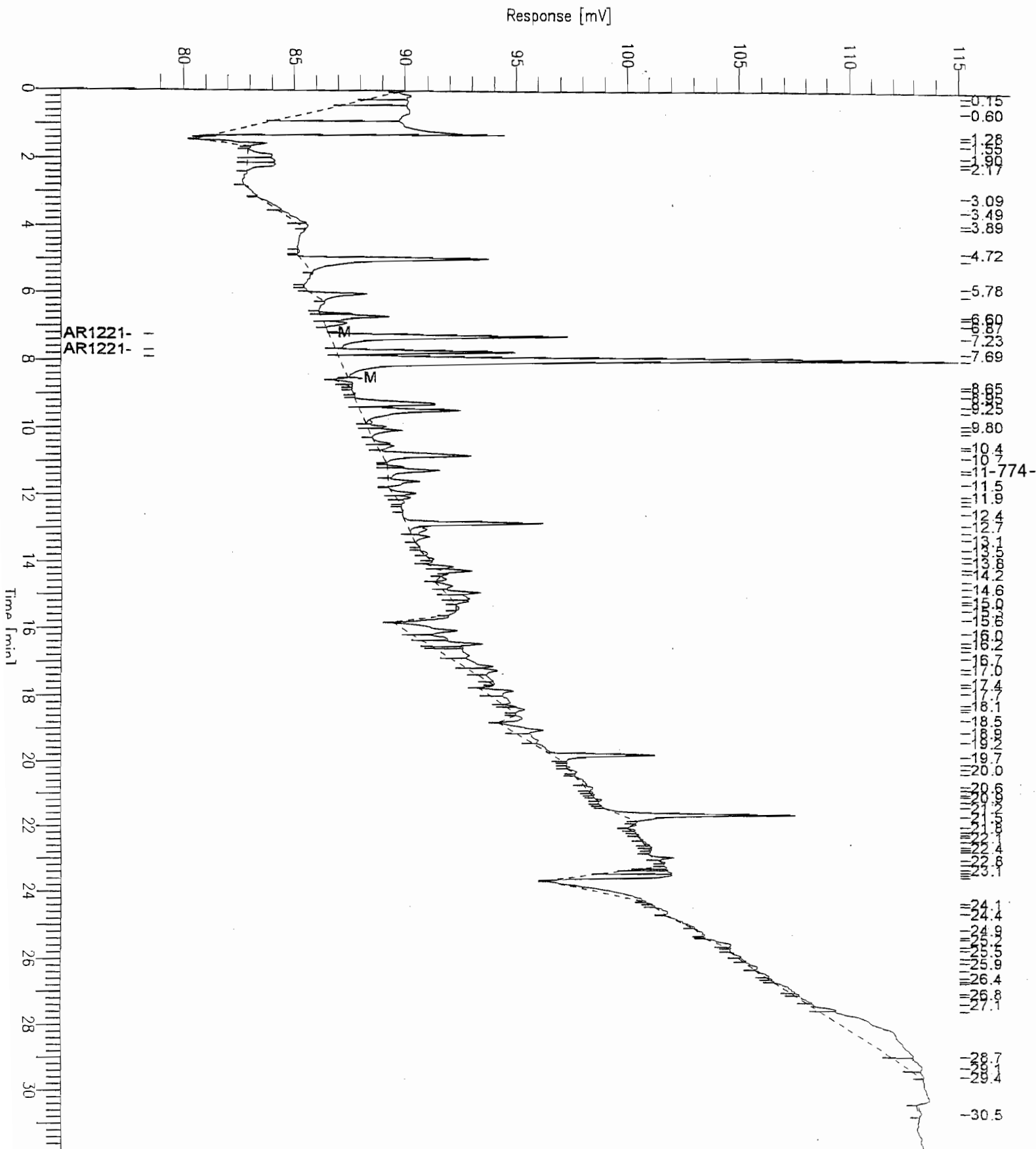
Chromatogram - ECD#1

Sample Name : AR1221 250PPB
 FileName : C:\DATA65\I224013.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 79 mV

Sample #: 13
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 11:59 PM
 Low Point : 78.73 mV
 Plot Scale: 36.4 mV
 High Point : 115.10 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 500PPB

Time : 3/1/05 11:50 AM

Sample Number: 13

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/13

Interface Serial # : NONE Data Acquisition Time: 2/24/05 11:59 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224013.RAW

Result File : C:\DATA65\H224013.rst

Inst Method : PCB2CH from C:\DATA65\H224013.rst

Proc Method : C:\DATA65\H1221228.mth

Calib Method : C:\DATA65\H1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-775-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 106

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.755	129317		14.53	14.5292
2	1.001	8703		0.98	0.9778
3	1.056	30131		3.39	3.3854
4	2.923	24194		2.72	2.7183
5	3.667	628		0.07	0.0705
6	4.018	212		0.02	0.0238
7	4.346	350		0.04	0.0393
8	4.817	1331		0.15	0.1495

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
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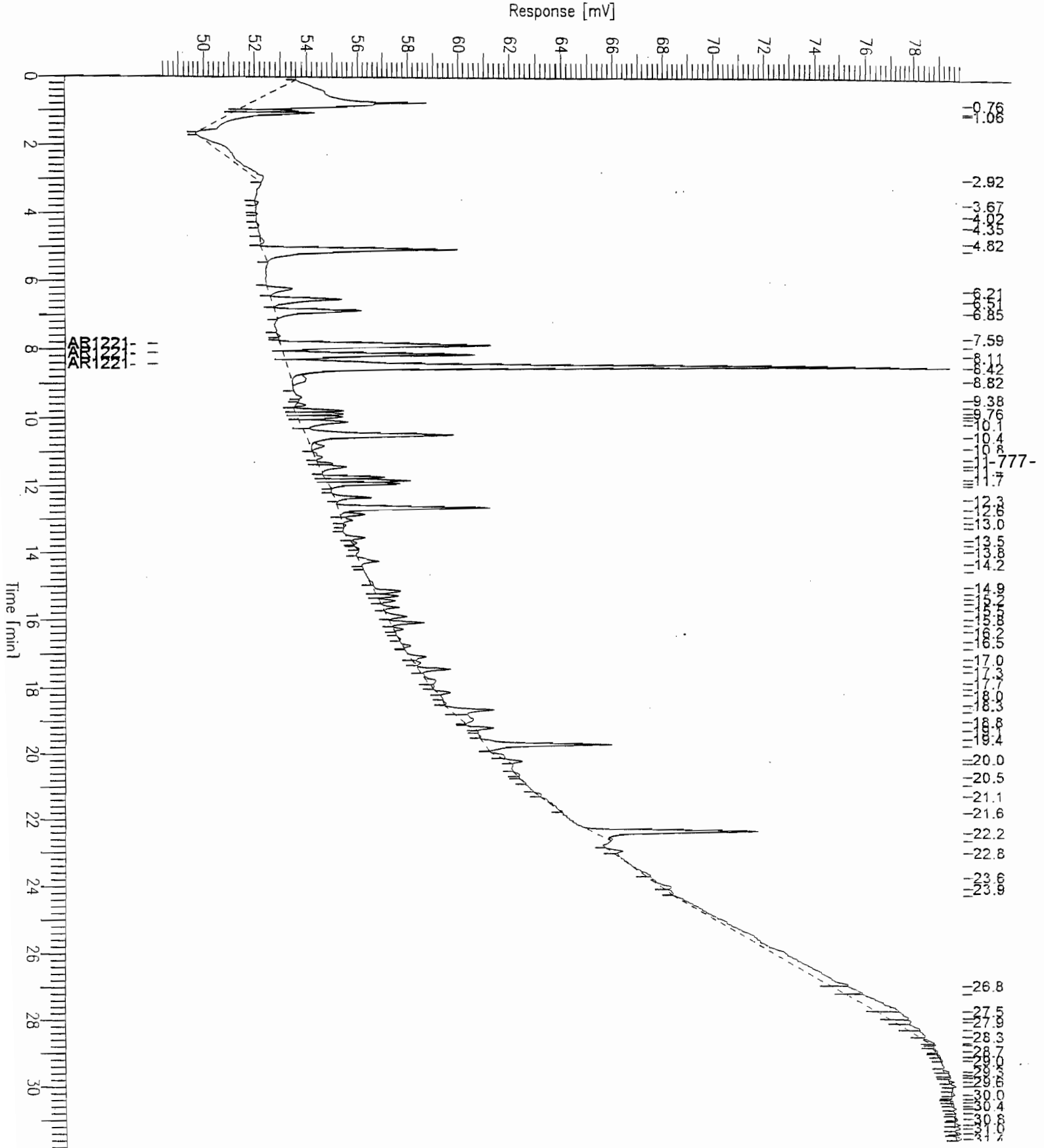
10	6.210	7629		0.86	0.8572
11	6.514	20285		2.28	2.2791
12	6.847	24528		2.76	2.7558
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
13	7.591	449		3.56	3.5593
15	8.106	50200	AR1221-2	488.47	488.4655
	8.420	256105	AR1221	475.33	475.3308
17	8.820	7057		17.10	17.1023
18	9.376	735		1.78	1.7815
19	9.603	1890		4.58	4.5792
20	9.756	9331		22.61	22.6116
21	9.857	9380		22.73	22.7292
22	9.945	10454		25.33	25.3328
23	10.097	15113		36.62	36.6240
24	10.465	50358		122.03	122.0325
25	10.806	3736		9.05	9.0545
26	11.139	2204		5.34	5.3405
27	11.321	2519		6.10	6.1045
28	11.415	7348		17.81	17.8058
29	11.721	10203		24.73	24.7259
30	11.814	16677		40.41	40.4142
31	11.903	15681		38.00	37.9990
32	12.322	7511		18.20	18.2024
33	12.617	36066		87.40	87.3987
34	12.830	4931		11.95	11.9480
35	13.003	2709		6.56	6.5635
36	13.146	570		1.38	1.3817
37	13.513	3727		9.03	9.0324
38	13.669	994		2.41	2.4079
39	13.844	372		0.90	0.9009
40	14.211	5350		12.97	12.9651
41	14.436	151		0.37	0.3651
42	14.898	1269		3.07	3.0749
43	15.095	7039		17.06	17.0576
44	15.244	3962		9.60	9.6004
45	15.385	3039		7.37	7.3653
46	15.579	3172		7.69	7.6867
47	15.855	5387		13.05	13.0550
48	16.033	6789		16.45	16.4512
49	16.226	1716		4.16	4.1583
50	16.512	441		1.07	1.0676
51	16.714	1521		3.69	3.6859
52	17.031	4150		10.06	10.0575
53	17.214	1761		4.27	4.2663
54	17.391	6542		15.85	15.8523
55	17.721	3606		8.74	8.7394
56	17.884	742		1.80	1.7979
57	18.073	2452		5.94	5.9430
58	18.392	464		0.03	0.0275
59	18.588	13896		0.82	0.8246
50	18.884	6659		0.40	0.3952
51	19.149	3833		0.23	0.2274
52	19.411	317		0.02	0.0188
53	19.625	32809		1.95	1.9470
54	20.023	2448		0.15	0.1453
55	20.145	3237		0.19	0.1921
56	20.562	752		0.04	0.0446
57	20.807	495		0.03	0.0294
58	21.143	914		0.05	0.0543
59	21.651	2299		0.14	0.1364
0	22.266	43381		2.57	2.5743
1	22.506	801		0.05	0.0476
2	22.872	2827		0.17	0.1677
3	23.595	4249		0.25	0.2521
4	23.929	4483		0.27	0.2660
5	24.124	1272		0.08	0.0755
6	26.812	57721		3.43	3.4253
7	27.060	10558		0.63	0.6265
8	27.585	26873		1.59	1.5947
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
9	27.799	12369		0.73	0.7340
0	27.907	5486		0.33	0.3256
1	28.149	5961		0.35	0.3538
2	28.351	4938		0.29	0.2931
3	28.537	2045		0.12	0.1213
4	28.592	373		0.02	0.0221
5	28.776	660		0.04	0.0392
5	28.945	466		0.03	0.0277
7	29.057	355		0.02	0.0211

Chromatogram - ECD#1

Sample Name : AR1221 500PPB
 FileName : C:\DATA65\H224013.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 48 mV

Sample #: 13
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 11:59 PM
 Low Point : 48.21 mV
 Plot Scale: 31.7 mV
 High Point : 79.92 mV



Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
98	29.374	991		0.06	0.0588
99	29.474	1045		0.06	0.0620
00	29.548	530		0.03	0.0314
01	29.680	818		0.05	0.0485
02	29.814	741		0.04	0.0440
03	30.062	662		0.04	0.0393
04	30.203	106		0.01	0.0063
05	30.302	512		0.03	0.0304
06	30.407	610		0.04	0.0362
07	30.488	634		0.04	0.0376
08	30.628	175		0.01	0.0104
09	30.803	435		0.03	0.0258
00	30.975	919		0.05	0.0545
01	31.080	1206		0.07	0.0716
02	31.240	511		0.03	0.0303
03	31.395	1047		0.06	0.0621
04	31.570	1006		0.06	0.0597
06	31.916	392		0.02	0.0233
		1159846		1693.09	1693.0947

Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
14	7.836	62001	AR1221-1	491.56	491.5646
16	8.420	194104	AR1221-3	470.37	470.3691
		256105		961.93	961.9336

-778-

=====
 INSTR. 65 :: DB-60B, 30m X 0.32mmID, 0.5um film
 =====

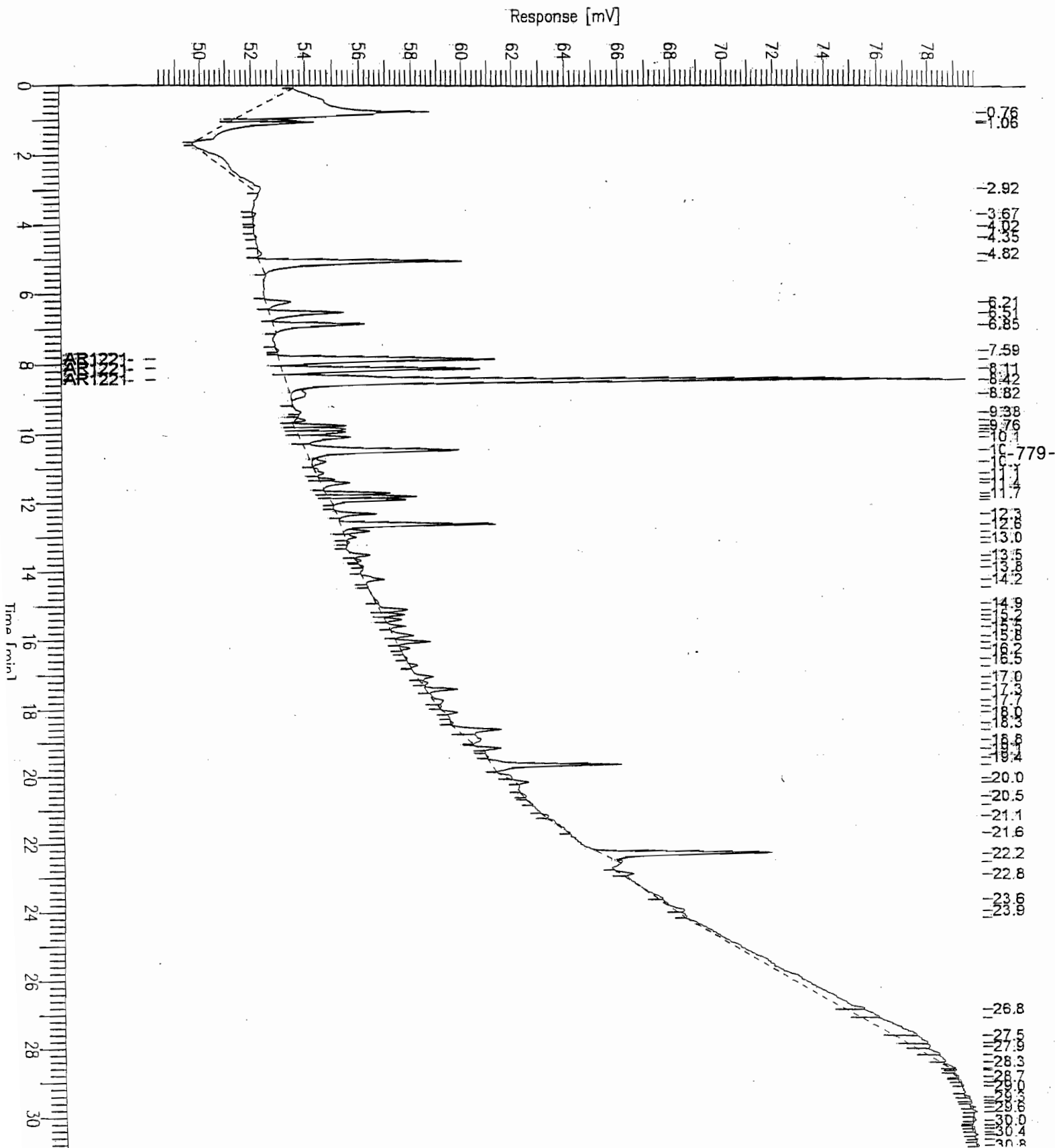
Report stored in ASCII file: C:\DATA65\H224013.TXT0

Chromatogram - ECD#1

Sample Name : AR1221 500PEB
 FileName : C:\DATA65\H224013.raw
 Method : PCB2GH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset: -48 mV

Page 1 of 1
 Sample #: 13
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/24/05 11:59 PM
 Low Point : 48.21 mV
 High Point : 79.92 mV
 Plot Scale: 31.7 mV



Software Version: 4.1<2F12>

Sample Name : AR1221 500PPB

Time : 3/1/05 11:50 AM

Sample Number: 14

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/13

Interface Serial # : NONE Data Acquisition Time: 2/25/05 12:35 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224014.RAW

Result File : C:\DATA65\I224014.rst

Inst Method : PCB2CH from C:\DATA65\I224014.rst

Proc Method : C:\DATA65\I1221228.mth

Calib Method : C:\DATA65\I1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 116

PCB REPORT

HP-SFC CHANNEL I

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.136	6530		0.27	0.2691
2	1.275	17272		0.71	0.7117
3	1.367	52830		2.18	2.1769
4	1.763	27190		1.12	1.1204
5	1.763	15906		0.66	0.6554
6	1.947	3539		0.15	0.1458
7	2.838	560		0.02	0.0231
8	3.098	1406		0.06	0.0580
9	3.241	1172		0.05	0.0483

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.644	6458		0.27	0.2661
11	3.886	6712		0.28	0.2766
12	3.973	4926		0.20	0.2030
13	4.946	141104		5.81	5.8143
14	6.018	49195		2.03	2.0271
15	6.255	10	Tetrachloro-m-xylene	0.00	0.0000
16	6.602	10440		0.43	0.4302
17	6.681	41789		1.72	1.7220
18	6.876	17478		54.05	54.0521
19	7.891	677029	AR1221	457.39	457.3878
20	8.652	3331		3.51	3.5050
21	8.957	337		0.35	0.3543
22	9.047	173		0.18	0.1819
23	9.240	61149		64.34	64.3416
24	9.422	71767		75.51	75.5144
25	9.797	8930		0.98	0.9787
26	9.928	6162		6.48	6.4839
27	10.034	18044		18.99	18.9857
28	10.419	5119		5.39	5.3858
29	10.496	9881		10.40	10.3969
30	10.763	60316		63.47	63.4651
31	11.122	3900		4.10	4.1034
32	11.211	31497		33.14	33.1418
33	11.552	19354		20.36	20.3649
34	11.908	10259		10.79	10.7949
35	12.046	6835		7.19	7.1915
36	12.155	4509		4.74	4.7441
37	12.589	191		0.20	0.2006
38	12.783	75213		79.14	79.1406
39	12.982	10404		10.95	10.9471
40	13.199	10444		10.99	10.9898
41	13.496	2138		2.25	2.2501
42	13.710	1498		1.58	1.5759
43	13.858	1881		1.98	1.9796
44	14.085	5411		5.69	5.6934
45	14.209	9865		10.38	10.3804
46	14.466	3117		3.28	3.2795
47	14.670	4182		4.40	4.4004
48	14.865	13170		13.86	13.8578
49	15.055	9146		9.62	9.6238
50	15.120	6337		6.67	6.6679
51	15.304	423		0.45	0.4456
52	15.597	5086		5.35	5.3518
53	16.006	27438		28.87	28.8707
54	16.243	14337		15.09	15.0852
55	16.396	20082		21.13	21.1302
56	16.515	7732		8.14	8.1356
57	16.749	10904		11.47	11.4728
58	16.951	5386		5.67	5.6669
59	17.053	8140		0.27	0.2651
60	17.168	8400		0.27	0.2736
61	17.490	855		0.03	0.0278
62	17.571	757		0.02	0.0247
63	17.771	6569		0.21	0.2140
64	18.217	4013		0.13	0.1307
65	18.317	4772		0.16	0.1554
66	18.600	5996		0.20	0.1953
67	18.956	10822		0.35	0.3525
68	19.270	1730		0.06	0.0563
69	19.699	49655		1.62	1.6173
70	20.003	202		0.01	0.0066
71	20.145	1961		0.06	0.0639
72	20.227	1075		0.04	0.0350
73	20.476	1144		0.04	0.0373
74	20.553	1132		0.04	0.0369
75	20.621	734		0.02	0.0239
76	20.722	1608		0.05	0.0524
77	20.860	735		0.02	0.0239
78	20.948	791		0.03	0.0258
79	21.091	2559		0.08	0.0833
80	21.550	76321		2.49	2.4858
81	21.935	182		0.01	0.0059
82	22.164	493		0.02	0.0161
83	22.319	1446		0.05	0.0471
84	22.545	578		0.02	0.0188
85	22.630	173		0.01	0.0056
86	22.861	8086		0.26	0.2634
87	23.013	14525		0.47	0.4731
88	23.168	23074		0.75	0.7515

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	23.242	14633		0.48	0.4766
91	23.315	50691		1.65	1.6510
92	24.327	40815		1.33	1.3294
93	24.404	2519		0.08	0.0820
94	24.471	1273		0.04	0.0415
95	24.781	4086		0.13	0.1331
96	25.167	8839		0.29	0.2879
97	25.247	512		0.02	0.0167
98	25.322	219		0.01	0.0071
99	25.459	2816		0.09	0.0917
00	25.786	6587		0.21	0.2145
01	26.027	3211		0.10	0.1046
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
02	26.168	2049		0.07	0.0667
03	26.325	2365		0.08	0.0770
04	26.483	1687		0.05	0.0549
05	26.561	290		0.01	0.0094
06	26.883	6476		0.21	0.2109
07	26.958	2472		0.08	0.0805
08	27.039	1663		0.05	0.0542
09	28.791	137654		4.48	4.4834
10	29.527	28320		0.92	0.9224
11	30.044	3924		0.13	0.1278
12	30.472	1788		0.06	0.0582
13	30.823	2779		0.09	0.0905
14	31.096	1246		0.04	0.0406
15	31.476	267		0.01	0.0087
16	31.945	447		0.01	0.0146
		2207640		1132.97	1132.9722

Group Report For : AR1221

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	7.237	146490	AR1221-1	453.04	453.0401
19	7.696	90620	AR1221-2	438.88	438.8767
20	7.891	439919	AR1221-3	462.89	462.8888
		677029		1354.81	1354.8055

=====
 NSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224014.TX0

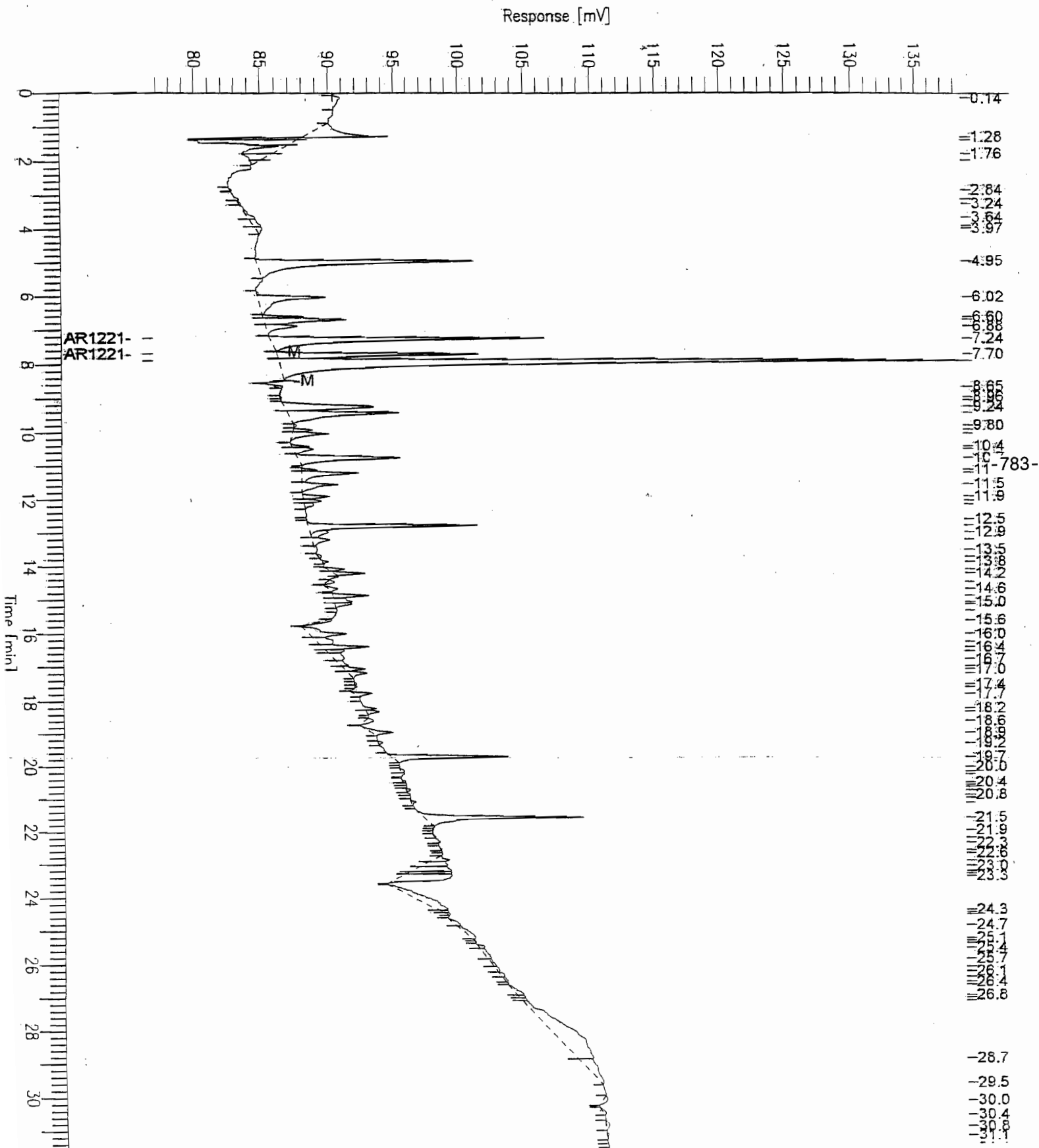
Chromatogram - ECD#1

Sample Name : AR1221_500PPB
FileName : C:\DATA65\I224014.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 77 mV

Sample #: 14
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 12:35 AM
Low Point : 76.73 mV
Plot Scale: 61.9 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1221 1000PPB

Time : 3/1/05 11:50 AM

Sample Number: 14

Study :

Operator : manager

Instrument : HP-SFC

Channel : A A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/14

Interface Serial # : NONE Data Acquisition Time: 2/25/05 12:35 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224014.RAW

Result File : C:\DATA65\H224014.rst

Inst Method : PCB2CH from C:\DATA65\H224014.rst

Proc Method : C:\DATA65\H1221228.mth

Calib Method : C:\DATA65\H1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000

Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100 Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 102

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.808	159264		17.89	17.8938
2	1.000	75342		8.46	8.4650
3	1.057	485231		54.52	54.5171
4	2.891	10302		1.16	1.1575
5	4.024	308		0.03	0.0346
6	4.810	2331		0.26	0.2619
7	5.035	144107		16.19	16.1908
8	6.271	2722		0.31	0.3058

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.847	61237		6.88	6.8802
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
12	8.106	112584	AR1221-2	1095.48	1095.4784
	8.419	569936	AR1221	1057.80	1057.8017
14	8.896	8896		21.56	21.5564
15	9.303	302		0.73	0.7307
16	9.754	18876		45.74	45.7427
17	9.857	14216		34.45	34.4495
18	9.946	20105		48.72	48.7210
19	10.096	27705		67.14	67.1371
20	10.464	102334		247.98	247.9846
21	10.802	3561		8.63	8.6292
22	11.029	1878		4.55	4.5510
23	11.314	6415		15.55	15.5461
24	11.416	10298		24.95	24.9549
25	11.720	22917		55.53	55.5344
26	11.813	35388		85.75	85.7546
27	11.902	38330		92.88	92.8831
28	12.322	19806		47.99	47.9943
29	12.616	6270		15.19	15.1939
30	12.828	10885		26.38	26.3778
31	12.998	6408		15.53	15.5293
32	13.155	1754		4.25	4.2502
33	13.509	6806		16.49	16.4927
34	13.668	1750		4.24	4.2414
35	13.837	892		2.16	2.1609
36	14.211	12212		29.59	29.5934
37	14.895	1159		2.81	2.8092
38	15.096	14387		34.86	34.8641
39	15.242	9304		22.55	22.5461
40	15.383	7016		17.00	17.0013
41	15.856	9696		23.50	23.4966
42	16.031	15420		37.37	37.3677
43	16.223	4593		11.13	11.1301
44	16.508	574		1.39	1.3914
45	16.710	3802		9.21	9.2140
46	17.030	8304		20.12	20.1240
47	17.207	2461		5.96	5.9635
48	17.390	13442		32.57	32.5738
49	17.716	4222		10.23	10.2307
50	17.887	889		2.15	2.1541
51	18.070	6329		15.34	15.3366
52	18.234	889		0.05	0.0527
53	18.391	773		0.05	0.0459
54	18.592	19910		1.18	1.1815
55	18.892	6981		0.41	0.4143
56	19.145	13600		0.81	0.8071
57	19.404	3040		0.18	0.1804
58	19.534	7696		0.46	0.4567
59	19.624	5850		0.35	0.3472
60	19.778	1851		0.11	0.1098
61	20.009	2311		0.14	0.1371
62	20.141	6115		0.36	0.3629
63	20.551	1260		0.07	0.0748
64	20.744	724		0.04	0.0430
65	21.147	2016		0.12	0.1196
66	21.651	3320		0.20	0.1970
67	21.814	673		0.04	0.0399
68	22.263	22316		1.32	1.3243
69	22.516	3700		0.22	0.2196
70	22.886	356		0.02	0.0211
71	23.593	4785		0.28	0.2839
72	23.936	4019		0.24	0.2385
73	24.129	879		0.05	0.0522
74	24.670	7197		0.43	0.4271
75	25.518	24691		1.47	1.4652
76	27.042	89703		5.32	5.3232
77	27.393	34483		2.05	2.0463
78	27.561	14023		0.83	0.8322
79	27.669	10239		0.61	0.6076
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
80	27.805	13560		0.80	0.8047
81	27.843	6623		0.39	0.3930
82	28.300	40380		2.40	2.3962
83	28.538	15373		0.91	0.9123
84	28.603	4222		0.25	0.2505
85	28.718	7852		0.47	0.4660
86	28.858	4983		0.30	0.2957
87	28.888	5286			

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
88	29.107	4101		0.24	0.2434
89	29.284	2810		0.17	0.1667
90	29.419	167		0.01	0.0099
91	29.651	717		0.04	0.0426
92	29.908	717		0.04	0.0426
93	30.018	249		0.01	0.0148
94	30.322	436		0.03	0.0259
96	30.882	460		0.03	0.0273
97	31.055	737		0.04	0.0438
98	31.223	799		0.05	0.0474
99	31.440	927		0.06	0.0550
00	31.511	270		0.02	0.0160
01	31.756	336		0.02	0.0199
02	31.896	1639		0.10	0.0972
		2558058		3450.81	3450.8100

Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
11	7.836	142262	AR1221-1	1127.91	1127.9053
13	8.419	427674	AR1221-3	1036.37	1036.3748
		569936		2164.28	2164.2802

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

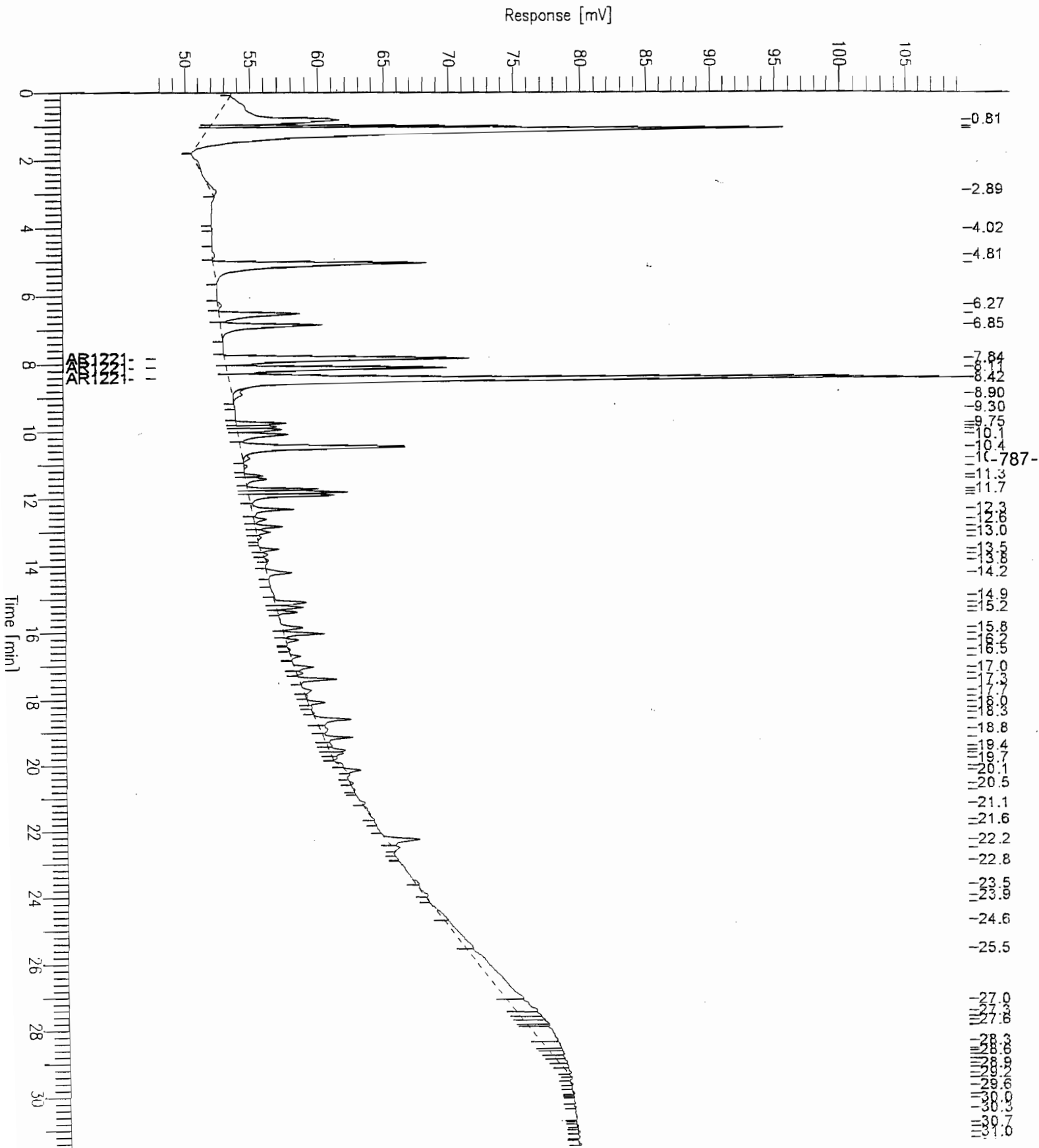
Report stored in ASCII file: C:\DATA65\H224014.TX0

Chromatogram - ECD#1

Sample Name : AR1221 1000PPB
 FileName : C:\DATA65\H224014.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset: 48 mV

Sample #: 14
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 12:35 AM
 Low Point : 47.59 mV
 Plot Scale: 61.8 mV
 High Point : 109.37 mV



Software Version: 4.1<2F12>

Sample Name : AR1221 1000PPB

Time : 3/1/05 11:50 AM

Sample Number: 15

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/14

Interface Serial # : NONE Data Acquisition Time: 2/25/05 01:12 AM

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224015.RAW

Result File : C:\DATA65\I224015.rst

Inst Method : PCB2CH from C:\DATA65\I224015.rst

Proc Method : C:\DATA65\I1221228.mth

Calib Method : C:\DATA65\I1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-788-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 123

PCB REPORT

P-SFC CHANNEL I

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.109	2095		0.09	0.0863
2	0.503	3011		0.12	0.1241
3	0.594	22934		0.95	0.9450
4	1.277	107143		4.41	4.4149
5	1.333	1075		0.04	0.0443
5	1.389	1974		0.08	0.0813
7	1.487	94577		3.90	3.8971
3	1.547	732850		30.20	30.1976
3	2.247	5820		0.24	0.2366

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	2.825	450		0.02	0.0185
11	3.081	503		0.02	0.0207
12	3.573	1654		0.07	0.0682
13	3.869	3866		0.16	0.1593
14	3.975	1534		0.06	0.0632
15	4.154	243		0.01	0.0100
16	4.786	222		0.01	0.0092
17	4.939	341190		14.06	14.0589
18	5.896	2142		0.09	0.0882
19	6.012	105061		4.33	4.3291
20	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
21	6.598	24522		1.01	1.0104
	6.676	114314		4.71	4.7104
	7.887	1525949	AR1221	1030.90	1030.9019
25	8.620	7419		7.81	7.8062
26	8.960	1410		1.48	1.4834
27	9.232	140357		147.69	147.6859
28	9.415	177095		186.34	186.3412
29	9.926	16781		17.66	17.6570
30	10.033	41979		44.17	44.1712
31	10.415	10264		10.80	10.8004
32	10.492	18904		19.89	19.8912
33	10.761	138094		145.30	145.3045
34	11.212	68196		71.76	71.7565
35	11.550	34916		36.74	36.7394
36	11.909	21583		22.71	22.7100
37	12.039	13842		14.56	14.5646
38	12.165	8877		9.34	9.3407
39	12.673	999		1.05	1.0515
40	12.789	29333		30.86	30.8649
41	12.985	21029		22.13	22.1275
42	13.196	17729		18.65	18.6550
43	13.417	284		0.30	0.2989
44	13.501	520		0.55	0.5471
45	13.690	3831		4.03	4.0312
46	13.857	8462		8.90	8.9040
47	14.081	18820		19.80	19.8023
48	14.208	41145		43.29	43.2930
49	14.457	4869		5.12	5.1229
50	14.665	5280		5.56	5.5557
51	14.865	30170		31.74	31.7450
52	14.981	8954		9.42	9.4220
53	15.053	12830		13.50	13.5003
54	15.116	14750		15.52	15.5204
55	15.297	1339		1.41	1.4087
56	15.605	4522		4.76	4.7582
57	15.813	2773		2.92	2.9180
58	16.006	18722		19.70	19.6999
59	16.191	7293		7.67	7.6735
60	16.394	28655		30.15	30.1514
61	16.508	6561		6.90	6.9039
62	16.744	4275		4.50	4.4987
63	16.944	4956		5.21	5.2144
64	17.050	15377		0.50	0.5008
65	17.169	23440		0.76	0.7635
66	17.478	2803		0.09	0.0913
67	17.573	4791		0.16	0.1560
68	17.772	14626		0.48	0.4764
69	18.219	10415		0.34	0.3392
70	18.317	18186		0.59	0.5923
71	18.580	7614		0.25	0.2480
72	18.954	24343		0.79	0.7929
73	19.266	3757		0.12	0.1224
74	19.451	1302		0.04	0.0424
75	19.702	7474		0.24	0.2434
76	19.921	1072		0.03	0.0349
77	20.124	3678		0.12	0.1198
78	20.233	4188		0.14	0.1364
79	20.467	2060		0.07	0.0671
30	20.553	438		0.01	0.0143
31	20.620	299		0.01	0.0098
32	20.719	971		0.03	0.0316
33	20.868	1053		0.03	0.0343
34	21.094	3985		0.13	0.1298
35	21.549	31939		1.04	1.0403
36	21.783	894		0.03	0.0291
37	21.939	683		0.02	0.0223
38	22.163	810		0.03	0.0264
39	22.306	2538		0.08	0.0807

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	22.497	786		0.03	0.0256
91	22.699	1096		0.04	0.0357
92	22.777	119		0.00	0.0039
93	22.865	1506		0.05	0.0491
94	23.010	287		0.01	0.0094
95	23.176	489		0.02	0.0159
96	23.323	883		0.03	0.0288
97	24.251	41242		1.34	1.3433
98	24.324	3155		0.10	0.1028
99	24.473	3956		0.13	0.1289
00	24.858	6051		0.20	0.1971
01	25.093	5075		0.17	0.1653
02	25.322	3943		0.13	0.1284
03	25.646	2851		0.09	0.0929
04	25.797	257		0.01	0.0084
05	26.103	3677		0.12	0.1198
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
06	26.184	1235		0.04	0.0402
07	26.251	447		0.01	0.0146
08	26.894	5148		0.17	0.1677
09	27.031	2607		0.08	0.0849
10	27.196	1676		0.05	0.0546
11	27.265	334		0.01	0.0109
12	27.462	1818		0.06	0.0592
13	28.446	37751		1.23	1.2296
14	28.674	3174		0.10	0.1034
15	29.099	663		0.02	0.0216
16	29.340	959		0.03	0.0312
17	29.806	1776		0.06	0.0578
18	30.146	1838		0.06	0.0599
19	30.551	2195		0.07	0.0715
20	30.741	556		0.02	0.0181
21	30.920	772		0.03	0.0251
22	31.538	1510		0.05	0.0492
23	31.738	153		0.00	0.0050
		4419674		2156.11	2156.1058

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Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
22	7.233	341108	AR1221-1	1054.93	1054.9253
23	7.693	208691	AR1221-2	1010.70	1010.7017
24	7.887	976150	AR1221-3	1027.12	1027.1171
		1525949		3092.74	3092.7441

NSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

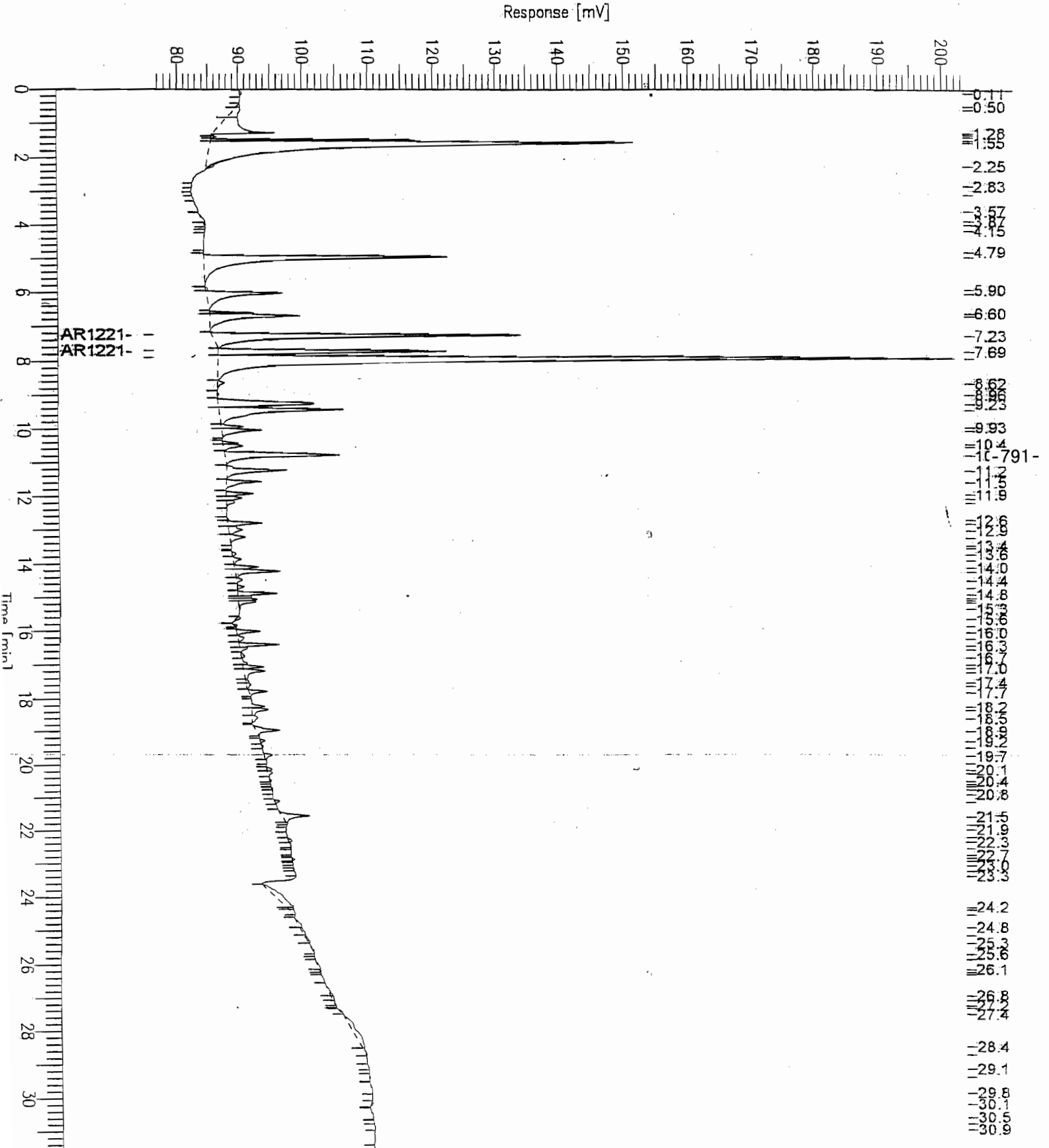
Report stored in ASCII file: C:\DATA65\I224015.TX0

Chromatogram - ECD#1

Sample Name : AR1221 1000PPB
 File Name : C:\DATA65\I224015.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 76 mV

Sample #: 15
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 01:12 AM
 Low Point : 76.37 mV
 High Point : 203.41 mV
 Plot Scale : 127.0 mV



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 15

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/15

Interface Serial # : NONE Data Acquisition Time: 2/25/05 01:12 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224015.RAW

Result File : C:\DATA65\H224015.rst

Inst Method : PCB2CH from C:\DATA65\H224015.rst

Proc Method : C:\DATA65\H1221228.mth

Calib Method : C:\DATA65\H1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 58

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	135892		15.27	15.2678
2	1.003	85764		9.64	9.6358
3	1.060	502530		56.46	56.4607
4	1.596	4230		0.48	0.4752
5	1.708	1108		0.12	0.1245
6	2.880	7725		0.87	0.8679
7	4.805	1738		0.20	0.1952
8	5.746	2479		0.28	0.2786
9	6.201	528		0.06	0.0551

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	7.146	333		0.04	0.0375
0	8.107	0	AR1221-2	0.00	0.0000
-	8.419	0	AR1221	0.00	0.0000
11	9.309	396		0.96	0.9601
12	9.911	835		2.02	2.0230
13	10.806	2192		5.31	5.3110
14	11.174	772		1.87	1.8698
15	11.449	1537		3.72	3.7246
16	11.788	496		1.20	1.2020
17	12.327	1138		2.76	2.7574
18	12.619	1073		2.60	2.6000
19	14.445	5690		13.79	13.7875
20	14.891	3082		7.47	7.4693
21	15.050	2485		6.02	6.0223
22	15.215	964		2.34	2.3352
23	15.866	4605		11.16	11.1585
24	16.127	982		2.38	2.3788
25	18.385	7570		0.45	0.4492
26	18.611	7857		0.47	0.4663
27	19.566	3125		0.19	0.1854
28	19.790	892		0.05	0.0529
29	21.500	13386		0.79	0.7944
30	21.964	2492		0.15	0.1479
31	22.266	25366		1.51	1.5053
32	23.971	6133		0.36	0.3639
33	24.122	820		0.05	0.0486
34	25.537	11432		0.68	0.6784
35	27.375	33714		2.00	2.0007
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
36	27.794	13874		0.82	0.8233
37	27.903	2758		0.16	0.1637
38	28.107	3844		0.23	0.2281
39	28.321	1865		0.11	0.1107
40	28.430	183		0.01	0.0108
41	28.659	906		0.05	0.0538
42	28.879	510		0.03	0.0303
43	29.018	131		0.01	0.0078
44	29.190	256		0.02	0.0152
45	29.236	291		0.02	0.0173
46	29.543	853		0.05	0.0506
47	29.758	604		0.04	0.0358
48	29.931	487		0.03	0.0289
49	30.037	514		0.03	0.0305
50	30.166	265		0.02	0.0157
51	30.332	1011		0.06	0.0600
52	30.424	698		0.04	0.0414
53	30.729	897		0.05	0.0533
54	31.012	1132		0.07	0.0672
55	31.183	761		0.05	0.0451
56	31.349	528		0.03	0.0314
57	31.468	490		0.03	0.0291
58	31.810	463		0.03	0.0275
		914690		155.67	155.6737

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Group Report For : AR1221

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.836	0	AR1221-1	0.00	0.0000
0	8.420	0	AR1221-3	0.00	0.0000
		0		0.00	0.0000

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Chromatogram - ECD#1

Sample Name : HEXANE

File Name : C:\DATA65\H224015.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor : 1.0

Sample #: 15

Date : 3/1/05 11:50 AM

Time of Injection: 2/25/05 01:12 AM

Low Point : -46.34 mV

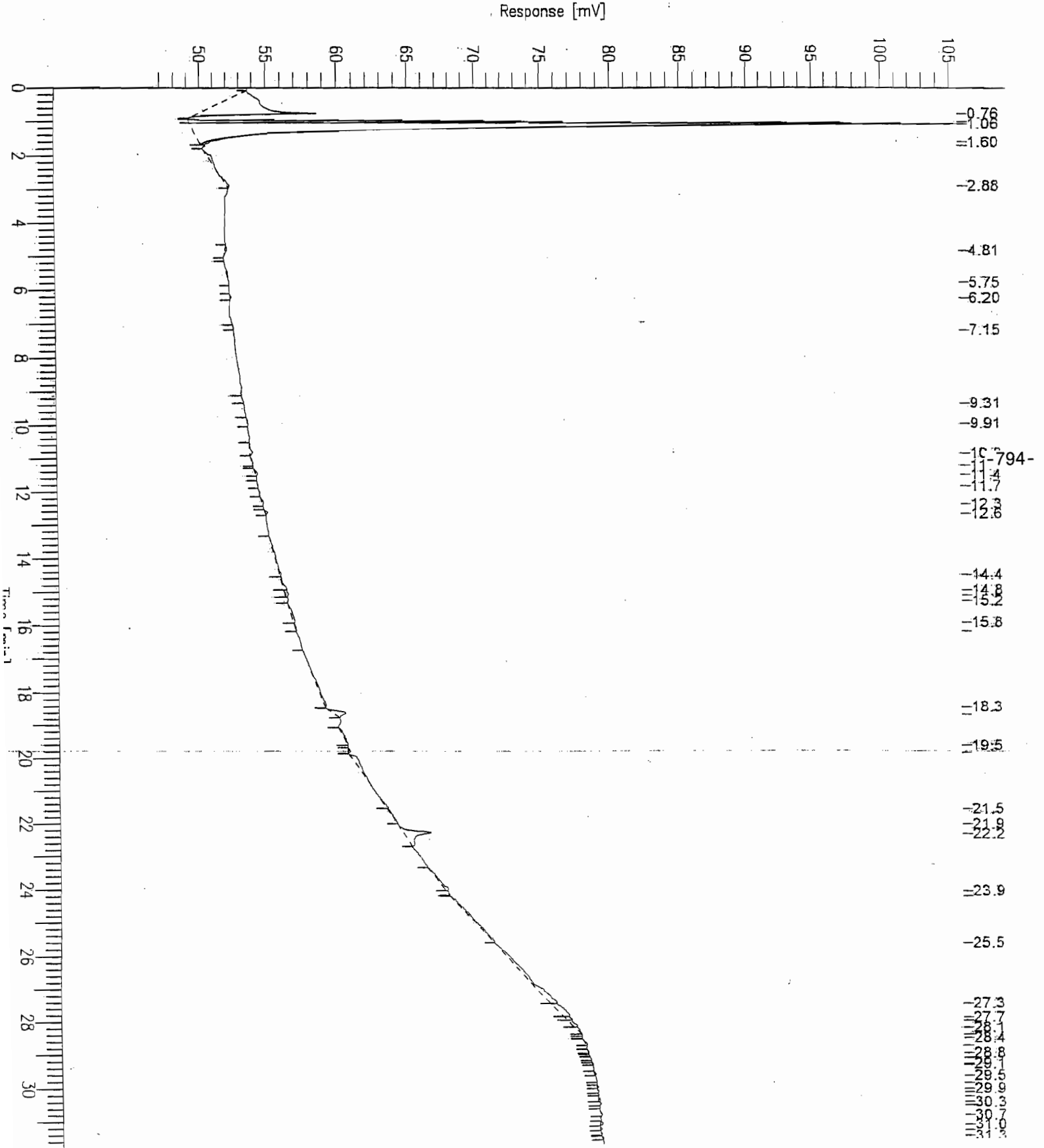
Plot Scale: 59.3 mV

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End Time : 32.00 min

Plot Offset: 46 mV

High Point : 105.64 mV



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 16

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/15

Interface Serial # : NONE Data Acquisition Time: 2/25/05 01:48 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224016.RAW

Result File : C:\DATA65\I224016.rst

Inst Method : PCB2CH from C:\DATA65\I224016.rst

Proc Method : C:\DATA65\I1221228.mth

Calib Method : C:\DATA65\I1221228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 83

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.127	1693		0.07	0.0698
2	1.272	157500		6.49	6.4899
3	1.485	109265		4.50	4.5023
4	1.546	887033		36.55	36.5508
5	2.250	24487		1.01	1.0090
6	2.370	7841		0.32	0.3231
7	2.657	348		0.01	0.0143
8	2.829	653		0.03	0.0269
9	2.936	425		0.02	0.0175

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.876	12634		0.52	0.5206
11	3.961	2308		0.10	0.0951
12	4.795	764		0.03	0.0315
13	5.260	762		0.03	0.0314
14	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
15	6.275	2797		0.12	0.1153
16	6.559	219		0.01	0.0090
17	6.871	1259		3.89	3.8945
18	7.638	1729	AR1221	1.17	1.1682
19	8.730	653		0.69	0.6868
20	9.551	4947		5.21	5.2058
21	10.046	1655		1.74	1.7412
22	10.354	507		0.53	0.5330
23	10.500	124		0.13	0.1307
24	10.657	774		0.81	0.8145
25	11.102	439		0.46	0.4621
26	11.473	584		0.61	0.6143
27	11.646	233		0.25	0.2455
28	11.968	894		0.94	0.9404
29	12.420	490		0.52	0.5157
30	12.785	2228		2.34	2.3448
31	13.044	700		0.74	0.7365
32	13.344	308		0.32	0.3244
33	14.109	3473		3.65	3.6544
34	14.416	6334		6.66	6.6649
35	14.972	18302		19.26	19.2573
36	15.154	470		0.49	0.4946
37	15.343	977		1.03	1.0281
38	16.018	29797		31.35	31.3525
39	17.206	40689		1.33	1.3252
40	17.570	9715		0.32	0.3164
41	18.576	79364		2.58	2.5849
42	19.719	24298		0.79	0.7914
43	19.771	1315		0.04	0.0428
44	20.091	845		0.03	0.0275
45	20.476	1138		0.04	0.0371
46	20.569	265		0.01	0.0086
47	20.711	288		0.01	0.0094
48	20.785	296		0.01	0.0096
49	20.941	848		0.03	0.0276
50	21.255	1094		0.04	0.0356
51	21.545	25503		0.83	0.8306
52	21.798	402		0.01	0.0131
53	22.093	354		0.01	0.0115
54	22.168	539		0.02	0.0175
55	22.244	199		0.01	0.0065
56	22.395	987		0.03	0.0321
57	22.552	1258		0.04	0.0410
58	22.691	1354		0.04	0.0441
59	22.866	1680		0.05	0.0547
60	23.007	2274		0.07	0.0741
61	23.171	18049		0.59	0.5878
62	23.246	9207		0.30	0.2999
63	23.320	47726		1.55	1.5545
64	24.474	64879		2.11	2.1131
65	24.536	2000		0.07	0.0651
66	25.008	7613		0.25	0.2479
67	25.088	698		0.02	0.0227
68	25.550	3573		0.12	0.1164
69	25.707	751		0.02	0.0245
70	25.946	1430		0.05	0.0466
71	26.091	1696		0.06	0.0552
72	26.165	0	Decachlorobiphenyl	0.00	0.0000
73	26.191	1075		0.04	0.0350
74	26.250	515		0.02	0.0168
75	26.480	2565		0.08	0.0835
76	26.886	2654		0.09	0.0864
77	27.265	913		0.03	0.0298
78	28.144	38569		1.26	1.2562
79	28.867	20935		0.68	0.6819
80	29.282	2480		0.08	0.0808
81	29.927	990		0.03	0.0323
82	30.154	1760		0.06	0.0573
83	30.545	1438		0.05	0.0468
84	30.830	296		0.01	0.0096

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Group Report For : AR1221

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
7	7.316	788	AR1221-1	2.44	2.4380
8	7.638	941	AR1221-2	4.56	4.5569
0	7.891	0	AR1221-3	0.00	0.0000
		1729		6.99	6.9949

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I224016.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

FileName : C:\DATA65\I224016.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 74 mV

Sample #: 16

Date : 3/1/05 11:50 AM

Time of Injection: 2/25/05 01:46 AM

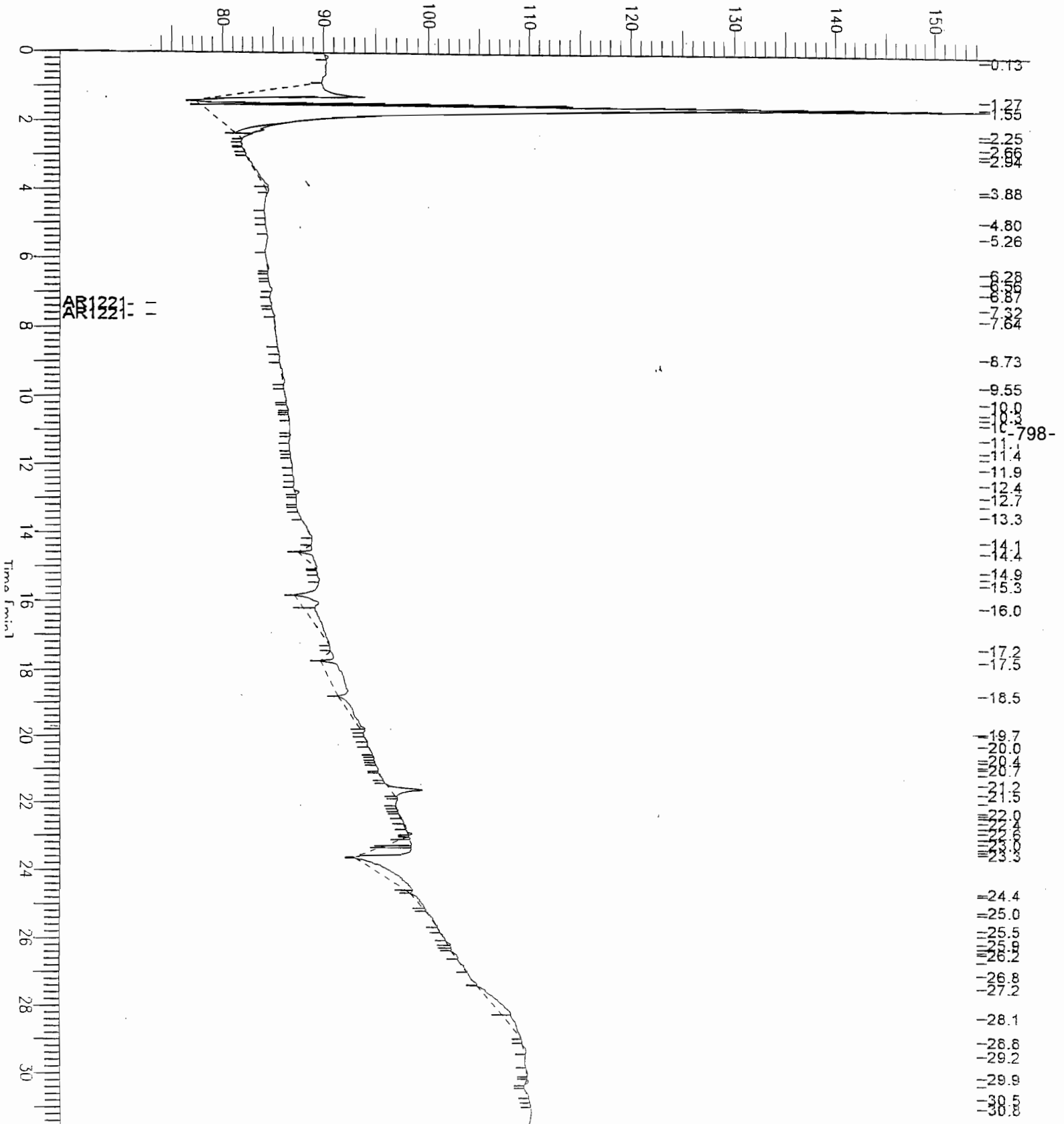
Low Point : 73.56 mV

Plot Scale: 80.7 mV

Page 1 of 1

High Point : 154.29 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1232 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 16

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/16

Interface Serial # : NONE Data Acquisition Time: 2/25/05 01:48 AM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224016.RAW

Result File : C:\DATA65\H224016.rst

Inst Method : PCB2CH from C:\DATA65\H224016.rst

Proc Method : C:\DATA65\H1232228.mth

Calib Method : C:\DATA65\H1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 76

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.756	95128		10.69	10.6880
2	1.003	71420		8.02	8.0242
3	1.060	504841		56.72	56.7204
4	2.885	5409		0.61	0.6077
5	3.668	593		0.07	0.0667
6	4.813	2496		0.28	0.2804
7	6.031	1598		0.18	0.1796
8	6.208	5824		0.65	0.6543
9	6.919	434		0.05	0.0488

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	7.138	655		0.07	0.0736
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
11	7.833	447		1.24	1.2446
12	8.109	401		1.12	1.1174
	8.415	3120	AR1232	4.54	4.5407
14	8.847	729		2.03	2.0321
15	9.386	892		2.49	2.4864
16	9.604	1415		3.94	3.9426
17	9.851	3800		10.59	10.5901
18	10.395	1006		4.71	4.7115
19	10.804	2081		9.74	9.7446
20	11.148	1386		6.49	6.4901
21	11.416	2414		11.30	11.3036
22	11.721	792		3.71	3.7094
24	12.323	2659		12.45	12.4479
25	12.617	26130		122.33	122.3337
27	13.671	225		1.96	1.9620
28	14.213	818		7.13	7.1334
29	14.892	423		3.69	3.6856
30	15.058	216		1.89	1.8860
31	15.237	614		5.35	5.3524
32	15.402	1233		10.75	10.7528
33	15.579	3086		26.91	26.9127
34	15.854	2877		25.09	25.0864
35	16.054	1164		10.15	10.1524
36	18.384	10774		93.96	93.9587
37	18.591	8346		72.78	72.7797
38	19.627	32118		280.10	280.0957
39	20.182	4134		36.05	36.0531
40	21.501	2915		0.17	0.1730
41	22.266	42613		2.53	2.5288
42	22.873	2366		0.14	0.1404
43	23.948	3004		0.18	0.1783
44	26.804	43990		2.61	2.6105
45	27.436	25333		1.50	1.5033
46	27.699	10180		0.60	0.6041
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
47	27.906	6763		0.40	0.4014
48	28.111	5479		0.33	0.3251
49	28.247	1738		0.10	0.1031
50	28.420	513		0.03	0.0304
51	28.630	1256		0.07	0.0745
52	28.691	496		0.03	0.0295
53	28.754	358		0.02	0.0212
54	28.876	319		0.02	0.0189
55	28.982	251		0.01	0.0149
56	29.121	444		0.03	0.0264
57	29.185	246		0.01	0.0146
58	29.228	463		0.03	0.0275
59	29.440	1280		0.08	0.0759
60	29.612	277		0.02	0.0164
61	29.709	515		0.03	0.0305
62	29.925	900		0.05	0.0534
63	30.039	858		0.05	0.0509
64	30.228	1555		0.09	0.0923
65	30.376	804		0.05	0.0477
66	30.513	359		0.02	0.0213
67	30.652	367		0.02	0.0218
68	30.693	164		0.01	0.0098
69	30.912	273		0.02	0.0162
70	31.047	379		0.02	0.0225
71	31.224	167		0.01	0.0099
72	31.497	356		0.02	0.0211
73	31.562	1241		0.07	0.0737
74	31.681	466		0.03	0.0277
75	31.774	1169		0.07	0.0694
76	31.976	489		0.03	0.0290
		962047		859.36	859.3648

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roup Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

13	8.415	1855 ARI232-1	5.17	5.1695
23	11.812	802 ARI232-2	3.76	3.7571
26	13.518	462 ARI232-3	4.03	4.0326

	3120		12.96	12.9592

=====

INSTR. 65 : DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\H224016.TX0

Chromatogram - ECD#1

Sample Name : AR1232 5PPB

Sample #: 16

Page 1 of 1

FileName : C:\DATA65\H224016.raw

Date : 3/1/05 11:50 AM

Method : PCB2CH

Time of Injection: 2/25/05 01:48 AM

Start Time : 0.00 min

End Time : 32.00 min

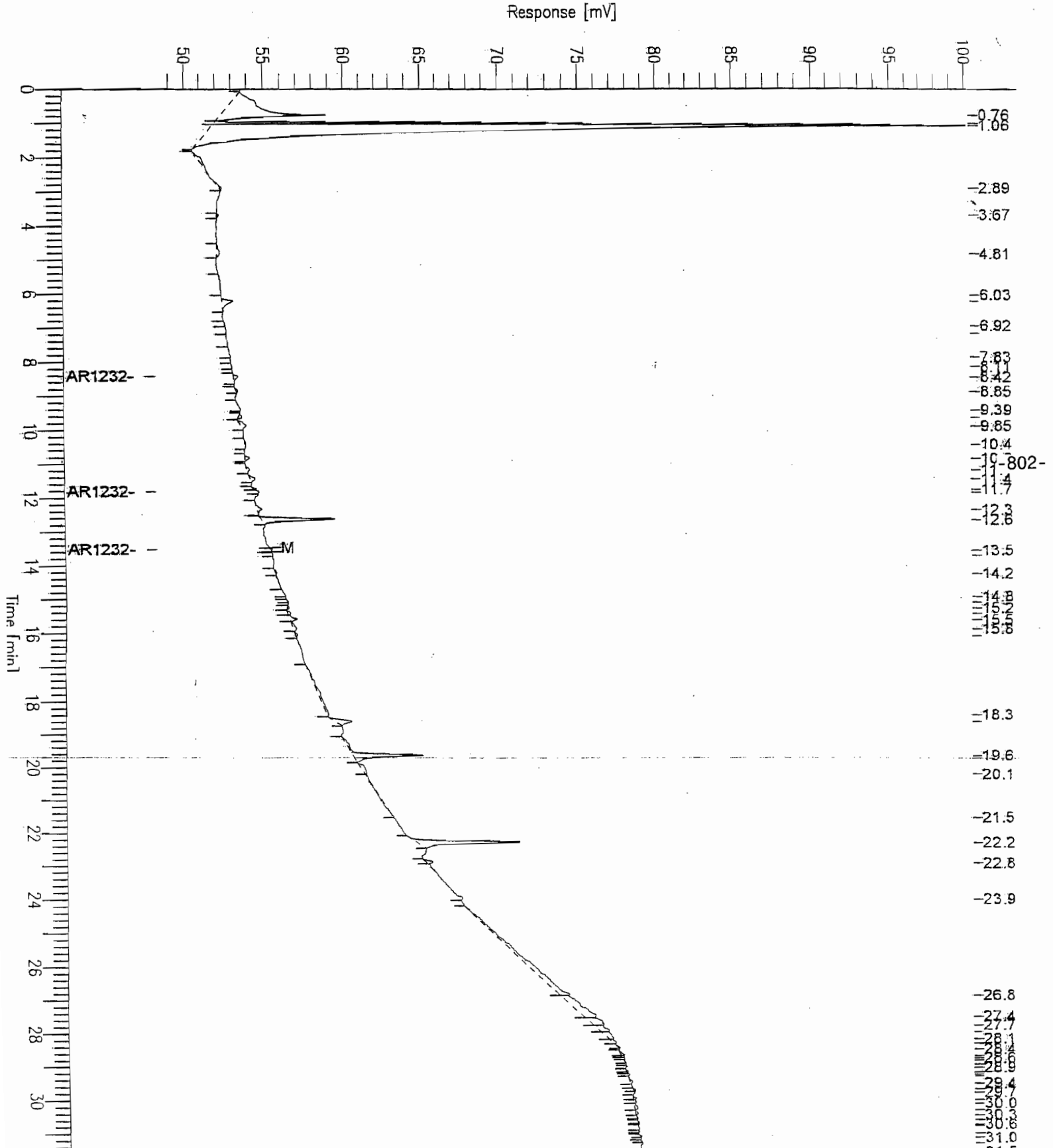
Low Point : 48.08 mV

High Point : 100.33 mV

Scale Factor: 1.0

Plot Offset: 48 mV

Plot Scale: 52.2 mV



Software Version: 4.1<2F12>

Sample Name : AR1232 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 17

Study_:

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/16

Interface Serial # : NONE Data Acquisition Time: 2/25/05 02:24 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224017.RAW

Result File : C:\DATA65\I224017.rst

Inst Method : PCB2CH from C:\DATA65\I224017.rst

Proc Method : C:\DATA65\I1232228.mth

Calib Method : C:\DATA65\I1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 110

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.128	.2649		0.11	0.1091
2	0.282	1698		0.07	0.0700
3	1.276	128695		5.30	5.3030
4	1.492	107541		4.43	4.4313
5	1.551	967980		39.89	39.8862
6	2.250	22706		0.94	0.9356
7	2.829	583		0.02	0.0240
8	3.097	516		0.02	0.0212
9	3.987	10292		0.42	0.4241

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	4.717	176		0.01	0.0072
11	4.942	400		0.02	0.0165
12	5.501	538		0.02	0.0222
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
13	6.287	866		0.04	0.0357
14	6.714	364		0.02	0.0150
15	6.879	9478		0.39	0.3906
16	7.282	838		1.08	1.0850
17	7.713	526		0.68	0.6807
19	8.106	727		0.94	0.9413
20	8.444	2996		3.88	3.8791
21	8.868	13902		18.00	17.9977
22	9.035	2440		3.16	3.1593
23	9.254	5415		7.01	7.0099
24	9.434	6845		7.60	7.6043
25	9.804	1932		2.15	2.1468
26	9.919	1613		1.79	1.7916
27	10.034	2545		2.83	2.8267
28	10.200	506		0.56	0.5626
29	10.575	3238		3.60	3.5966
	10.761	9720	AR1232	5.06	5.0608
31	11.121	1557		1.73	1.7297
32	11.457	1110		4.47	4.4730
33	11.550	2024		8.16	8.1604
34	11.667	2724		10.98	10.9798
35	11.921	1078		4.35	4.3454
37	12.185	549		2.21	2.2122
38	12.443	297		1.20	1.1991
39	12.580	163		0.66	0.6590
40	12.780	58513		235.89	235.8881
41	13.193	1062		4.28	4.2812
42	13.498	834		3.36	3.3604
43	13.701	821		3.31	3.3107
44	13.867	1100		4.44	4.4365
45	14.081	4060		16.37	16.3668
46	14.210	2648		10.67	10.6742
47	14.314	1595		6.43	6.4283
48	14.490	1099		4.43	4.4313
49	14.870	7963		32.10	32.1032
50	15.007	5617		22.64	22.6439
51	15.162	2378		9.59	9.5880
52	15.369	1932		7.79	7.7901
53	16.010	16361		65.96	65.9595
54	16.604	6506		26.23	26.2275
55	17.589	34011		137.11	137.1104
56	18.217	28452		114.70	114.7028
57	18.326	7717		31.11	31.1115
58	18.607	18446		74.36	74.3613
59	19.019	8608		34.70	34.7031
60	19.314	6514		0.21	0.2122
61	19.489	1348		0.04	0.0439
62	19.696	53185		1.73	1.7323
63	20.164	455		0.01	0.0148
64	20.476	2241		0.07	0.0730
65	20.620	792		0.03	0.0258
66	20.723	1164		0.04	0.0379
67	20.872	495		0.02	0.0161
68	21.085	410		0.01	0.0134
69	21.548	53733		1.75	1.7501
70	21.849	276		0.01	0.0090
71	21.930	260		0.01	0.0085
72	22.011	205		0.01	0.0067
73	22.159	952		0.03	0.0310
74	22.233	842		0.03	0.0274
75	22.313	493		0.02	0.0161
76	22.398	188		0.01	0.0061
77	22.632	746		0.02	0.0243
78	22.863	2511		0.08	0.0818
79	23.023	2299		0.07	0.0749
80	23.088	1227		0.04	0.0400
81	23.167	1160		0.04	0.0378
82	23.233	608		0.02	0.0198
83	23.323	539		0.02	0.0175
84	24.325	66131		2.15	2.1539
85	24.480	17768		0.58	0.5787
86	24.784	12359		0.40	0.4025
87	24.945	6526		0.21	0.2126
88	25.015	795		0.03	0.0259
89	25.085	224		0.01	0.0073

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	25.164	213		0.01	0.0070
91	25.452	4666		0.15	0.1520
92	25.547	2019		0.07	0.0658
93	25.712	3245		0.11	0.1057
94	25.946	3771		0.12	0.1228
95	26.090	1729		0.06	0.0563
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
96	26.170	536		0.02	0.0174
97	26.277	529		0.02	0.0172
98	26.499	1784		0.06	0.0581
99	26.550	284		0.01	0.0092
00	26.885	1673		0.05	0.0545
01	27.431	1319		0.04	0.0430
02	28.421	60993		1.99	1.9865
03	29.056	15380		0.50	0.5009
04	29.637	574		0.02	0.0187
05	30.114	1930		0.06	0.0629
06	30.401	679		0.02	0.0221
07	30.910	4376		0.14	0.1425
08	31.129	288		0.01	0.0094
09	31.581	1286		0.04	0.0419
10	31.946	362		0.01	0.0118
		1871028		1000.48	1000.4782

Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	7.891	3435	AR1232-1	4.45	4.4474
30	10.761	4666	AR1232-2	5.18	5.1832
36	12.044	1619	AR1232-3	6.53	6.5267
		9720		16.16	16.1573

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=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224017.TX0

Chromatogram - ECD#1

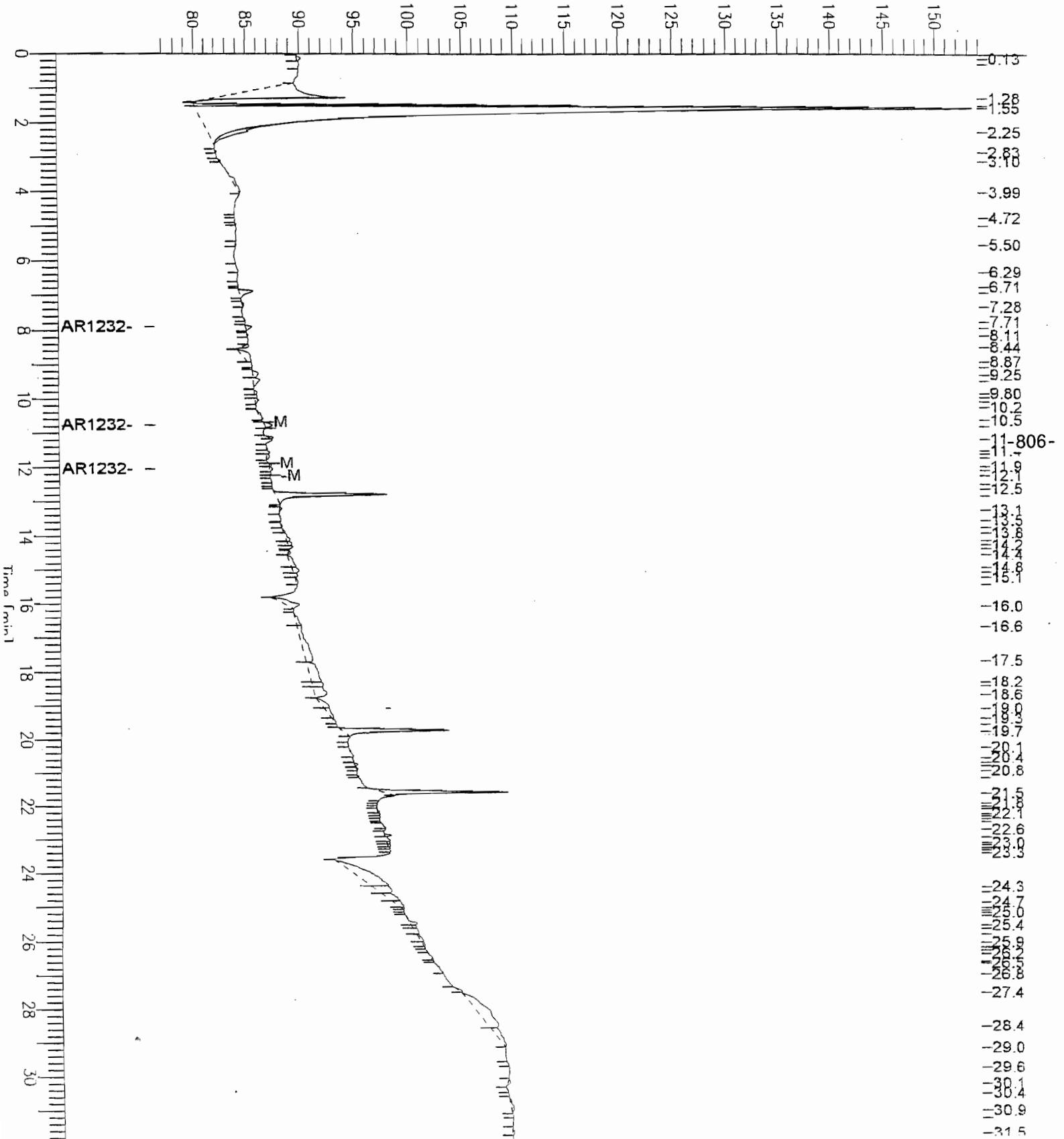
Sample Name : AR1232 5PPB
File Name : C:\DATA65\I224017.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 76 mV

Sample #: 17
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 02:24 AM
Low Point : 76.35 mV
Plot Scale: 77.7 mV
High Point : 154.01 mV

Page 1 of 1

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1232 20PPB

Time : 3/1/05 11:50 AM

Sample Number: 17

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/17

Interface Serial # : NONE Data Acquisition Time: 2/25/05 02:24 AM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224017.RAW

Result File : C:\DATA65\H224017.rst

Inst Method : PCB2CH from C:\DATA65\H224017.rst

Proc Method : C:\DATA65\H1232228.mth

Calib Method : C:\DATA65\H1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

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Instrument Conditions:

HP-SFC

Total number of peaks detected: 79

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.826	204555		22.98	22.9824
2	1.009	109091		12.26	12.2567
3	1.067	532617		59.84	59.8411
4	2.902	3819		0.43	0.4291
5	4.022	191		0.02	0.0215
6	4.807	1491		0.17	0.1675
7	5.036	731		0.08	0.0821
8	5.610	355		0.04	0.0399
9	5.200	2610		0.20	0.2000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.525	413		0.05	0.0464
11	6.850	895		0.10	0.1006
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
12	7.839	1172		3.26	3.2647
13	8.110	1988		5.54	5.5412
	8.421	17084	AR1232	24.86	24.8631
15	8.857	2740		7.63	7.6347
16	9.607	3944		10.99	10.9908
17	9.759	2585		7.20	7.2045
18	9.861	2475		6.90	6.8957
19	10.094	231		0.64	0.6436
20	10.399	1420		6.65	6.6501
21	10.509	1708		8.00	7.9957
22	10.809	1549		7.25	7.2513
23	11.152	900		4.21	4.2147
24	11.413	2330		10.91	10.9069
25	11.721	3509		16.43	16.4280
27	11.903	3875		18.14	18.1424
28	12.321	3188		14.92	14.9239
29	12.616	13685		64.07	64.0678
30	12.832	2774		24.19	24.1949
31	13.001	2516		21.94	21.9440
32	13.150	760		6.63	6.6254
34	13.669	2007		17.50	17.5031
35	13.913	2297		20.04	20.0357
36	14.209	3089		26.94	26.9367
37	14.898	2131		18.58	18.5831
38	15.136	3086		26.91	26.9110
39	15.242	2370		20.67	20.6668
40	15.388	2242		19.55	19.5513
41	15.585	1405		12.25	12.2540
42	15.866	3319		28.94	28.9447
43	16.052	2150		18.75	18.7500
44	16.720	1151		10.04	10.0361
45	17.390	1825		15.92	15.9190
46	18.386	5378		46.90	46.9019
47	18.597	8650		75.44	75.4374
48	19.626	16576		144.56	144.5595
49	20.788	9400		0.56	0.5578
50	22.265	27866		1.65	1.6536
51	22.884	1054		0.06	0.0625
52	23.929	10163		0.60	0.6031
53	24.126	856		0.05	0.0508
54	27.140	4418		0.26	0.2622
55	27.620	5486		0.33	0.3256
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
56	27.810	1403		0.08	0.0833
57	28.150	680		0.04	0.0404
58	28.370	1080		0.06	0.0641
59	28.606	1132		0.07	0.0672
60	28.721	206		0.01	0.0122
61	28.835	264		0.02	0.0156
62	29.136	1568		0.10	0.0990
53	29.243	684		0.04	0.0406
54	29.339	265		0.02	0.0157
55	29.392	210		0.01	0.0125
56	29.489	801		0.05	0.0475
57	29.626	527		0.03	0.0313
58	29.817	977		0.06	0.0580
59	29.975	595		0.04	0.0353
60	30.104	476		0.03	0.0282
61	30.161	387		0.02	0.0229
62	30.335	428		0.03	0.0254
63	30.427	109		0.01	0.0065
64	30.956	1312		0.08	0.0779
65	31.120	457		0.03	0.0271
66	31.340	558		0.03	0.0331
68	31.756	100		0.01	0.0059
69	31.963	355		0.02	0.0211
		1058794		874.02	874.0204

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
14	8.421	9336	AR1232-1	26.01	26.0145
26	11.813	4750	AR1232-2	22.24	22.2401
33	13.508	2998	AR1232-3	26.15	26.1455
		17084		74.40	74.4002

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

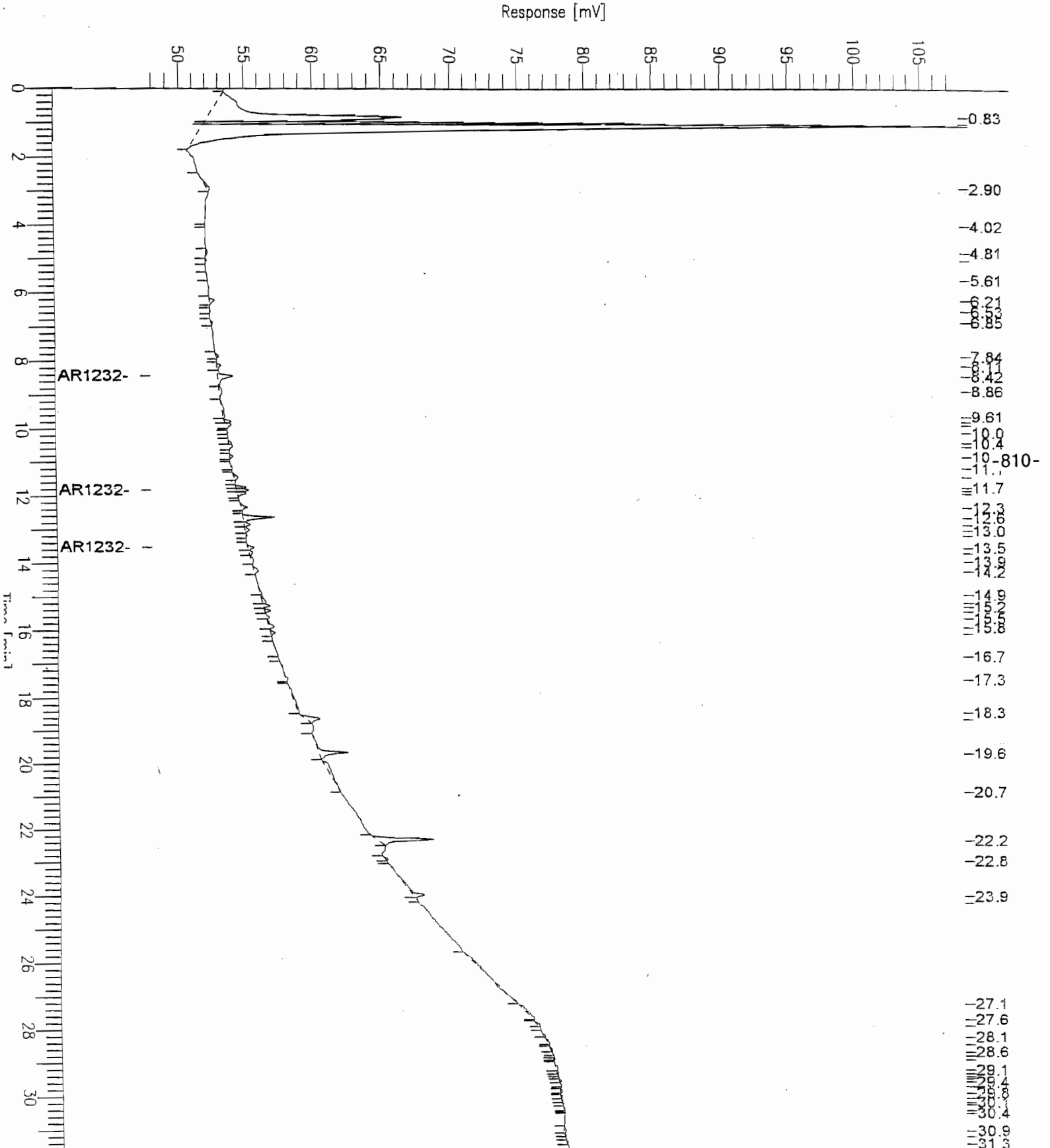
Report stored in ASCII file: C:\DATA65\H224017.TX0

Chromatogram - ECD#1

Sample Name : AR1232 20PPB
File Name : C:\DATA65\H224017.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 48 mV

Sample #: 17
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 02:24 AM
Low Point : 47.85 mV
Plot Scale: 60.0 mV
Page 1 of 1
High Point : 107.86 mV



oftware Version: 4.1<2F12>

ample Name : AR1232 20PPB

Time : 3/1/05 11:50 AM

ample Number: 18

Study :

perator : manager

nstrument : HP-SFC

Channel : B

A/D mV Range : 1000

utoSampler : HP7673A

ack/Vial : 0/17

nterface Serial # : NONE Data Acquisition Time: 2/25/05 03:00 AM

elay Time : 0.00 min.

nd Time : 32.00 min.

ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\I224018.RAW

esult File : C:\DATA65\I224018.rst

nst Method : PCB2CH from C:\DATA65\I224018.rst

roc Method : C:\DATA65\I1232228.mth

alib Method : C:\DATA65\I1232228.mth

equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL

Area Reject : 99.000000

ample Amount : 1.0000

Dilution Factor : 1.00

oise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

ultiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-811-

Solids :

SDG Name :

ate Recieve :

Client Name :

EC Sample N :

nstrument Conditions:

P-SFC

otal number of peaks detected: 112

PCB REPORT

P-SFC CHANNNEL I

ak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.127	2038		0.08	0.0840
2	1.273	88455		3.64	3.6448
3	1.339	2855		0.12	0.1177
4	1.495	96888		3.99	3.9923
5	1.554	790500		32.57	32.5731
6	2.249	5329		0.22	0.2196
7	2.823	1252		0.05	0.0516
8	3.084	824		0.03	0.0339
9	3.227	234		0.01	0.0096

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	3.340	171		0.01	0.0070
1	3.868	8094		0.33	0.3335
2	3.966	3984		0.16	0.1642
4	4.946	3297		0.14	0.1359
5	5.397	523		0.02	0.0215
6	6.025	722		0.03	0.0298
7	6.187	835		0.03	0.0344
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
8	6.277	941		0.04	0.0388
9	6.697	1816		0.07	0.0748
0	6.880	6415		0.26	0.2643
1	7.230	4542		5.88	5.8799
2	7.576	203		0.26	0.2622
3	7.699	2842		3.68	3.6788
5	8.435	1607		2.08	2.0808
6	8.724	2667		3.45	3.4531
7	8.878	103		0.13	0.1334
8	9.031	218		0.28	0.2828
9	9.254	12133		15.71	15.7083
0	9.426	6240		6.93	6.9317
1	9.803	767		0.85	0.8520
2	9.923	2058		2.29	2.2859
3	10.032	3615		4.02	4.0156
4	10.429	982		1.09	1.0907
5	10.498	793		0.88	0.8811
	10.759	41263	AR1232	21.48	21.4838
7	11.205	10577		11.75	11.7499
8	11.551	3000		12.09	12.0943
9	11.643	2502		10.09	10.0884
0	11.912	5953		24.00	23.9968
2	12.173	4568		18.42	18.4164
3	12.584	501		2.02	2.0212
4	12.782	43567		175.63	175.6338
5	13.197	7429		29.95	29.9486
6	13.500	295		1.19	1.1875
7	13.688	1676		6.76	6.7556
8	13.858	1467		5.91	5.9143
9	14.080	5944		23.96	23.9646
10	14.215	11434		46.10	46.0962
11	14.474	3953		15.94	15.9365
12	14.872	6161		24.84	24.8393
13	14.981	5260		21.20	21.2035
14	15.310	565		2.28	2.2770
15	16.007	23903		96.36	96.3624
16	16.207	5987		24.14	24.1372
17	16.296	1920		7.74	7.7398
18	16.397	4701		18.95	18.9515
19	16.601	1684		6.79	6.7889
20	16.947	1921		7.74	7.7435
21	17.057	1307		5.27	5.2674
22	17.177	1915		7.72	7.7185
23	17.512	877		3.54	3.5359
24	18.323	51473		207.51	207.5062
25	18.580	17062		68.78	68.7836
26	19.464	12177		0.40	0.3966
27	19.698	27216		0.89	0.8864
28	20.021	204		0.01	0.0066
29	20.102	230		0.01	0.0075
30	20.317	748		0.02	0.0244
31	20.623	621		0.02	0.0202
32	20.724	1306		0.04	0.0425
33	20.919	988		0.03	0.0322
34	21.098	630		0.02	0.0205
35	21.548	47623		1.55	1.5511
36	21.923	180		0.01	0.0059
37	22.010	555		0.02	0.0181
38	22.091	650		0.02	0.0212
39	22.163	519		0.02	0.0169
40	22.234	144		0.00	0.0047
41	22.319	253		0.01	0.0082
42	22.393	274		0.01	0.0089
43	22.543	934		0.03	0.0304
44	22.689	293		0.01	0.0095
45	22.865	8691		0.28	0.2831
46	23.016	1763		0.06	0.0574
47	23.087	896		0.03	0.0292
48	23.170	640		0.02	0.0208
49	23.246	401		0.01	0.0131
50	24.329	95955		3.13	3.1253

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
01	24.483	37821		1.23	1.2318
02	25.091	94413		3.08	3.0751
03	25.247	22989		0.75	0.7488
04	25.554	57402		1.87	1.8696
05	25.629	10994		0.36	0.3581
06	25.727	13573		0.44	0.4421
07	25.796	11604		0.38	0.3780
08	26.163	61501		2.00	2.0031
09	26.165	0	Decachlorobiphenyl	0.00	0.0000
10	26.486	42697		1.39	1.3906
11	26.731	31674		1.03	1.0316
12	27.190	65306		2.13	2.1270
13	27.271	11767		0.38	0.3832
14	27.438	23707		0.77	0.7722
15	28.786	256882		8.37	8.3667
16	29.159	44590		1.45	1.4523
17	29.267	22972		0.75	0.7482
18	29.621	32255		1.05	1.0505
19	29.976	16526		0.54	0.5383
20	30.503	3202		0.10	0.1043
21	30.736	445		0.01	0.0145
22	31.174	597		0.02	0.0194
23	31.461	2698		0.09	0.0879
		2392310		1032.34	1032.3437

Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
24	7.892	17007	AR1232-1	22.02	22.0176
36	10.759	18980	AR1232-2	21.09	21.0852
41	12.041	5276	AR1232-3	21.27	21.2678
		41263		64.37	64.3706

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=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

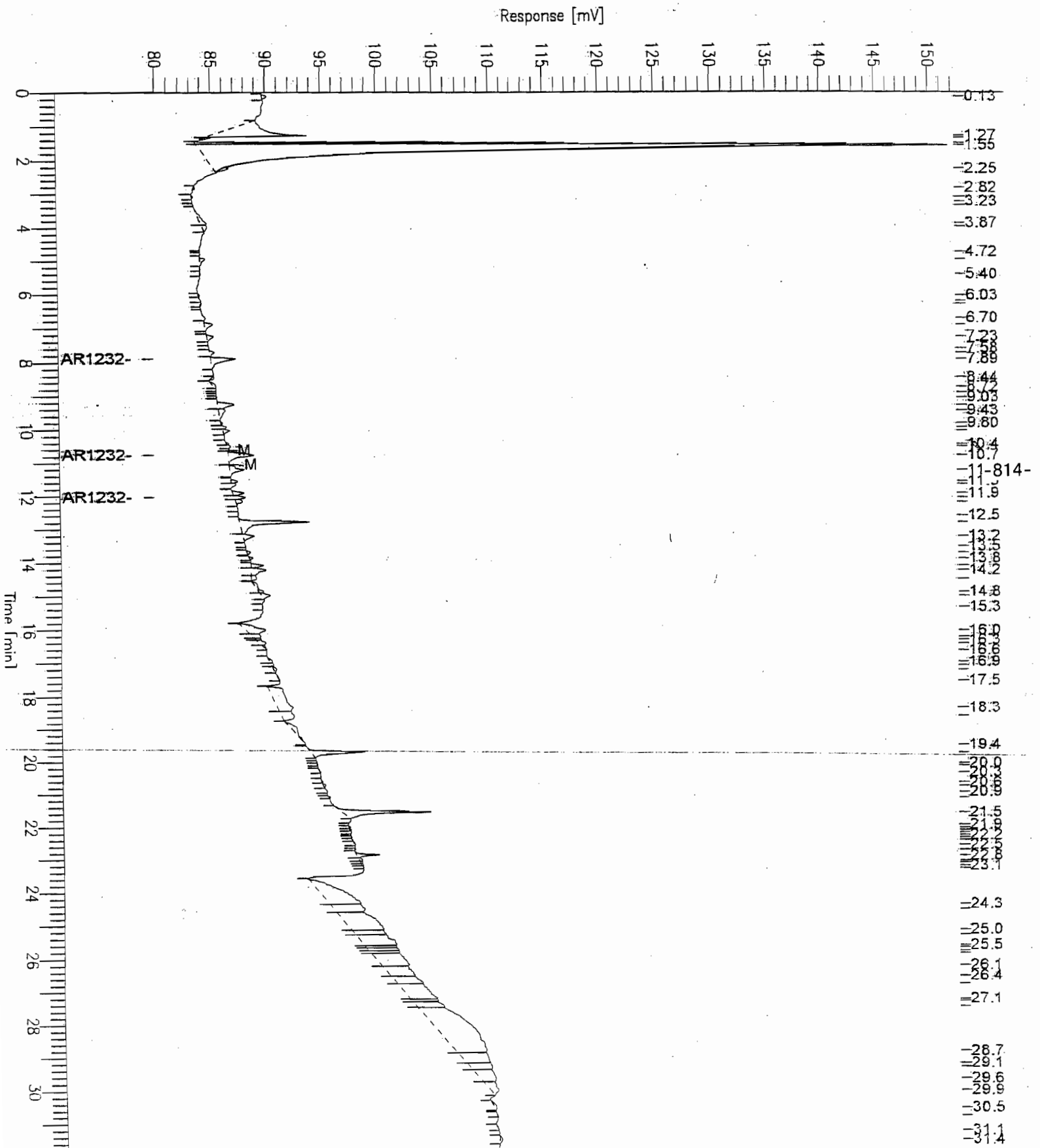
Report stored in ASCII file: C:\DATA65\I224018.TX0

Chromatogram - ECD#1

Sample Name : AR1232 20PPB
 File Name : C:\DATA65\I224018.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 80 mV

Sample #: 18
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 03:00 AM
 Low Point : 79.73 mV
 Plot Scale: 72.6 mV
 High Point : 152.37 mV



oftware Version: 4.1<2F12>
ample Name : AR1232 100PPB
ample Number: 18
operator : manager

Time : 3/1/05 11:50 AM
Study :

nstrument : HP-SFC Channel : A A/D mV Range : 1000
utoSampler : HP7673A
ack/Vial : 0/18

nterface Serial # : NONE Data Acquisition Time: 2/25/05 03:00 AM
elay Time : 0.00 min.
nd Time : 32.00 min.
ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224018.RAW
esult File : C:\DATA65\H224018.rst
nst Method : PCB2CH from C:\DATA65\H224018.rst
roc Method : C:\DATA65\H1232228.mth
alib Method : C:\DATA65\H1232228.mth
equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL Area Reject : 99.000000
ample Amount : 1.0000 Dilution Factor : 1.00

oise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
ultiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
ate Recieve : Client Name :
EC Sample N :

-815-

nstrument Conditions:
P-SFC

otal number of peaks detected: 92

PCB REPORT

P-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.822	191643		21.53	21.5316
2	1.004	91125		10.24	10.2382
3	1.061	509547		57.25	57.2491
4	2.895	18872		2.12	2.1204
5	3.807	282		0.03	0.0317
6	4.024	384		0.04	0.0432
7	4.816	1415		0.16	0.1590
8	5.034	3729		0.42	0.4189
9	5.595	508		0.06	0.0571

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.203	562		0.06	0.0632
11	6.520	1468		0.16	0.1650
12	6.848	3690		0.41	0.4146
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
13	7.835	8493		23.67	23.6656
14	8.108	7428		20.70	20.6988
	8.420	64060	AR1232	93.23	93.2298
16	8.907	934		2.60	2.6020
17	9.307	352		0.98	0.9802
18	9.754	11634		32.42	32.4190
19	9.856	10722		29.88	29.8780
20	10.093	2832		7.89	7.8921
21	10.503	16094		75.35	75.3495
22	10.806	1424		6.67	6.6680
23	11.089	938		4.39	4.3893
24	11.320	3003		14.06	14.0575
25	11.414	4983		23.33	23.3291
26	11.723	16511		77.30	77.3008
28	11.901	20989		98.26	98.2637
29	12.321	14016		65.62	65.6180
30	12.473	2387		11.17	11.1732
31	12.626	4529		21.21	21.2058
32	12.832	11735		102.34	102.3422
33	12.999	11991		104.57	104.5702
34	13.154	4379		38.19	38.1865
36	13.670	5910		51.54	51.5438
37	13.845	3217		28.05	28.0536
38	14.073	99361		866.50	866.5049
39	15.138	9606		83.77	83.7681
40	15.245	11893		103.72	103.7161
41	15.387	12123		105.72	105.7237
42	15.628	882		7.69	7.6894
43	15.869	7900		68.90	68.8975
44	16.050	7169		62.52	62.5205
45	16.229	1299		11.33	11.3318
46	16.715	1759		15.34	15.3367
47	17.034	2585		22.54	22.5422
48	17.210	1430		12.47	12.4669
49	17.393	3488		30.42	30.4194
50	17.731	941		8.21	8.2086
51	17.887	666		5.81	5.8078
52	18.079	745		6.49	6.4935
53	18.391	474		4.13	4.1341
54	18.597	14941		130.30	130.2980
55	18.935	7527		65.64	65.6427
56	19.155	3993		34.82	34.8218
57	19.534	9842		85.83	85.8267
58	19.621	2424		21.14	21.1435
59	19.785	1774		15.47	15.4698
60	20.161	3611		31.49	31.4916
61	20.553	855		7.46	7.4601
62	21.653	2285		0.14	0.1356
63	22.267	24834		1.47	1.4737
64	22.517	1173		0.07	0.0696
65	23.202	904		0.05	0.0536
66	23.927	8408		0.50	0.4990
67	24.130	1250		0.07	0.0742
68	25.974	42805		2.54	2.5402
69	27.400	80907		4.80	4.8013
70	27.572	14022		0.83	0.8321
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
71	27.820	18776		1.11	1.1142
72	27.919	7934		0.47	0.4708
73	28.097	11812		0.70	0.7010
74	28.233	10892		0.65	0.6464
75	28.418	9550		0.57	0.5667
76	28.553	5876		0.35	0.3487
77	28.760	5164		0.31	0.3065
78	28.865	2659		0.16	0.1578
79	29.048	1122		0.07	0.0666
80	29.341	752		0.04	0.0446
81	29.567	1392		0.08	0.0826
82	30.094	476		0.03	0.0282
83	30.299	1577		0.09	0.0936
84	30.438	680		0.04	0.0403
85	30.547	570		0.03	0.0338
86	30.745	2315		0.14	0.1374
87	30.932	1092		0.06	0.0648
88	31.028	355		0.02	0.0211

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	31.267	175		0.01	0.0104
90	31.452	211		0.01	0.0125
91	31.517	123		0.01	0.0073
92	31.800	461		0.03	0.0274
		1519627		2849.09	2849.0857

Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
15	8.420	31173	AR1232-1	86.87	86.8685
27	11.813	22080	AR1232-2	103.37	103.3741
35	13.511	10807	AR1232-3	94.24	94.2413
		64060		284.48	284.4839

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224018.TX0

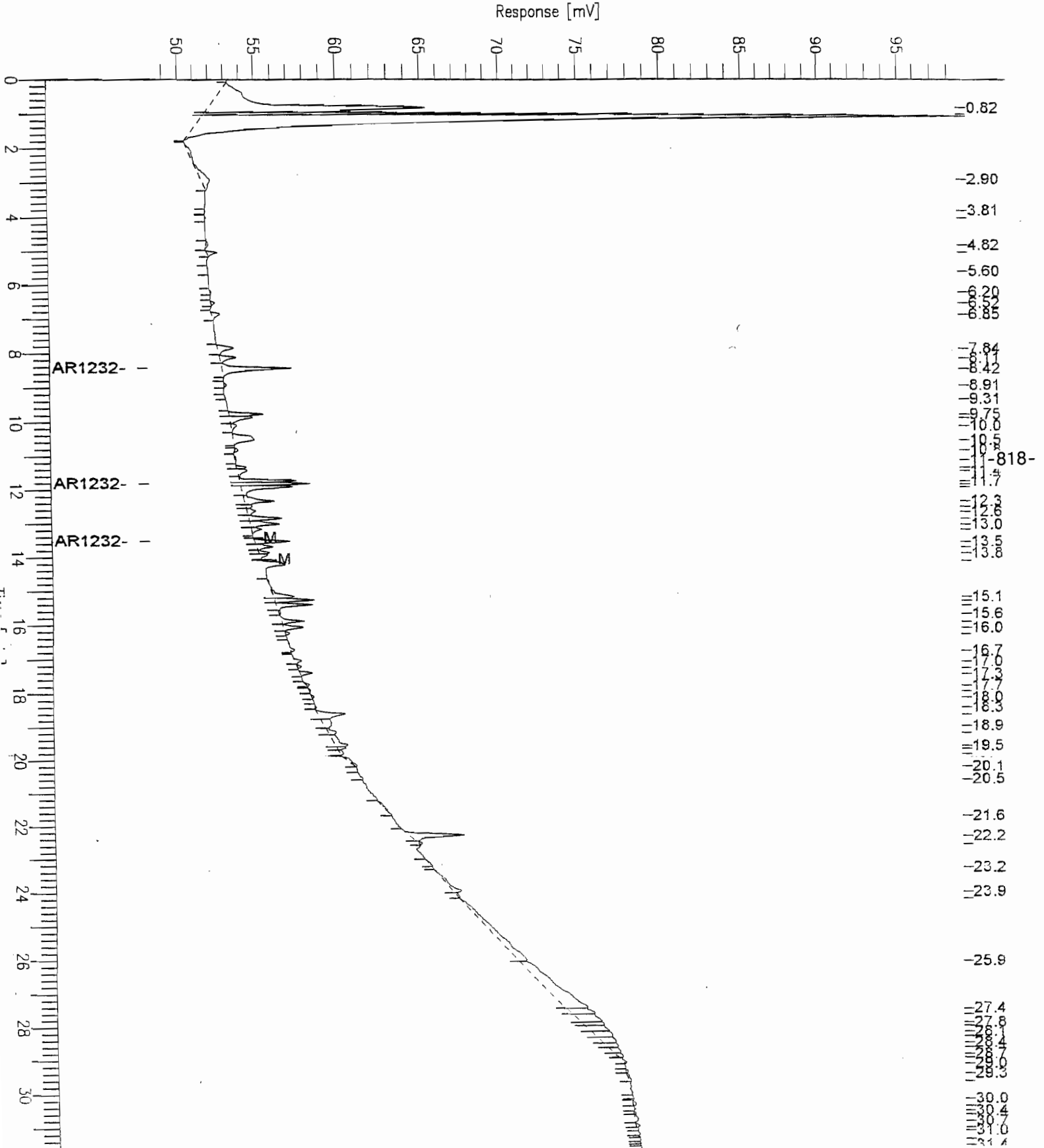
Chromatogram - ECD#1

Sample Name : AR1232 100PPB
FileName : C:\DATA65\H224018.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 48 mV

Sample #: 18
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 03:00 AM
Low Point : 48.06 mV
High Point : 98.57 mV
Plot Scale: 50.5 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1232 100PPB

Time : 3/1/05 11:50 AM

Sample Number: 19

Study :

Operator : manager

Instrument : HP-SFC

Channel : B A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/18

Interface Serial # : NONE Data Acquisition Time: 2/25/05 03:36 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224019.RAW

Result File : C:\DATA65\I224019.rst

Inst Method : PCB2CH from C:\DATA65\I224019.rst

Proc Method : C:\DATA65\I1232228.mth

Calib Method : C:\DATA65\I1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-819-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 118

PCB REPORT

IP-SFC CHANNNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.168	1386		0.06	0.0571
2	0.517	521		0.02	0.0215
3	1.274	95461		3.93	3.9335
4	1.495	84739		3.49	3.4917
5	1.555	793455		32.69	32.6948
6	2.248	33443		1.38	1.3780
7	2.832	1611		0.07	0.0664
8	3.103	327		0.01	0.0135
9	3.236	320		0.01	0.0132

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.891	3454		0.14	0.1423
11	4.022	1626		0.07	0.0670
12	4.707	722		0.03	0.0298
13	4.786	489		0.02	0.0201
14	4.944	12395		0.51	0.5108
15	6.022	3238		0.13	0.1334
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
16	6.271	1833		0.08	0.0755
17	6.681	8351		0.34	0.3441
18	6.870	1544		0.06	0.0636
19	7.235	16922		21.91	21.9075
20	7.695	14831		19.20	19.2007
22	8.634	1835		2.38	2.3752
23	8.873	285		0.37	0.3693
24	9.248	50038		64.78	64.7821
25	9.416	14339		15.93	15.9290
26	9.591	3801		4.22	4.2225
27	9.925	8129		9.03	9.0309
28	10.032	19243		21.38	21.3768
29	10.414	5017		5.57	5.5733
30	10.488	5786		6.43	6.4273
	10.760	187543	AR1232	97.65	97.6458
32	11.209	38361		42.62	42.6152
33	11.549	14190		57.21	57.2067
34	11.642	7930		31.97	31.9708
35	11.907	19930		80.34	80.3439
37	12.162	18157		73.20	73.1976
38	12.790	31134		125.51	125.5117
39	12.916	16101		64.91	64.9076
40	13.194	26027		104.92	104.9245
41	13.493	4870		19.63	19.6338
42	13.688	13081		52.74	52.7356
43	13.854	26427		106.54	106.5390
44	14.081	36938		148.91	148.9128
45	14.220	55051		221.93	221.9314
46	14.457	19044		76.77	76.7737
47	14.666	7986		32.20	32.1954
48	14.865	4564		18.40	18.4004
49	14.980	16657		67.15	67.1504
50	15.595	3965		15.98	15.9828
51	16.008	18652		75.19	75.1929
52	16.191	6668		26.88	26.8812
53	16.393	8349		33.66	33.6600
54	16.510	1365		5.50	5.5037
55	16.941	12659		51.03	51.0326
56	17.045	8310		33.50	33.5009
57	17.170	23420		94.42	94.4160
58	17.367	7584		30.57	30.5728
59	17.564	37539		151.33	151.3327
60	17.783	18803		75.80	75.8017
61	18.210	52399		211.24	211.2400
62	18.320	22008		88.72	88.7235
63	18.598	20975		84.56	84.5563
64	18.957	6127		24.70	24.7004
65	19.106	702		0.02	0.0228
66	19.264	1397		0.05	0.0455
67	19.470	1071		0.03	0.0349
68	19.702	6696		0.22	0.2181
69	19.919	751		0.02	0.0245
70	20.235	2322		0.08	0.0756
71	20.477	843		0.03	0.0275
72	20.551	436		0.01	0.0142
73	20.863	1237		0.04	0.0403
74	21.093	1758		0.06	0.0573
75	21.253	388		0.01	0.0126
76	21.329	363		0.01	0.0118
77	21.548	46645		1.52	1.5192
78	21.934	215		0.01	0.0070
79	22.017	351		0.01	0.0114
80	22.089	564		0.02	0.0184
81	22.159	450		0.01	0.0146
82	22.316	1055		0.03	0.0344
83	22.408	367		0.01	0.0119
84	22.549	1010		0.03	0.0329
85	22.630	639		0.02	0.0208
86	22.698	484		0.02	0.0158
87	22.865	4332		0.14	0.1411
88	23.019	541		0.02	0.0176
89	23.166	261		0.01	0.0085

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	23.243	497		0.02	0.0162
91	23.317	474		0.02	0.0154
92	23.715	3671		0.12	0.1196
93	24.102	24553		0.80	0.7997
94	24.249	8893		0.29	0.2897
95	24.475	5545		0.18	0.1806
96	24.785	5660		0.18	0.1844
97	25.026	9495		0.31	0.3093
98	25.093	2819		0.09	0.0918
99	25.164	2052		0.07	0.0668
00	25.331	4783		0.16	0.1558
01	25.554	7665		0.25	0.2497
02	25.716	3615		0.12	0.1177
03	25.792	1704		0.06	0.0555
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
04	26.179	7627		0.25	0.2484
05	26.250	769		0.03	0.0250
06	26.404	2665		0.09	0.0868
07	26.570	2212		0.07	0.0721
08	26.878	3523		0.11	0.1147
09	26.963	559		0.02	0.0182
10	27.183	941		0.03	0.0306
11	27.260	360		0.01	0.0117
12	27.433	3926		0.13	0.1279
13	28.734	129431		4.22	4.2156
14	29.106	46523		1.52	1.5153
15	30.109	69597		2.27	2.2668
16	30.510	3589		0.12	0.1169
17	31.035	637		0.02	0.0207
18	31.618	650		0.02	0.0212
		2407264		2653.93	2653.9275

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Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
21	7.890	80092	AR1232-1	103.69	103.6910
31	10.760	85742	AR1232-2	95.25	95.2497
36	12.040	21709	AR1232-3	87.52	87.5172
		187543		286.46	286.4578

```
=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====
```

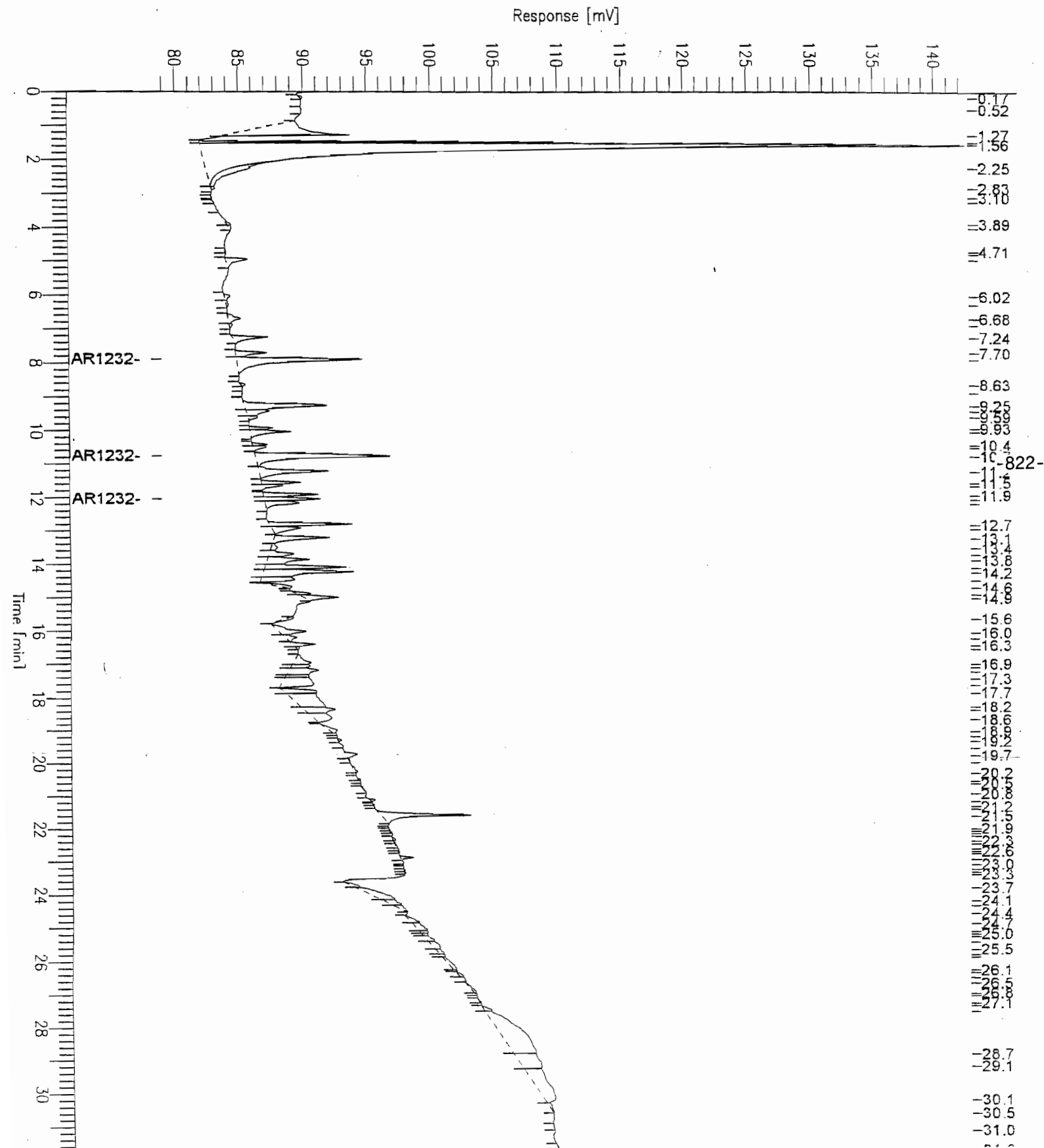
Report stored in ASCII file: C:\DATA65\I224019.TX0

Chromatogram - ECD#1

Sample Name : AR1232 100PPB
 FileName : C:\DATA65\I224019.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 79 mV

Sample #: 19
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 03:36 AM
 Low Point : 78.93 mV
 High Point : 142.75 mV
 Plot Scale: 63.8 mV



Software Version: 4.1<2F12>

Sample Name : AR1232 250PPB

Time : 3/1/05 11:50 AM

Sample Number: 19

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/19

Interface Serial # : NONE Data Acquisition Time: 2/25/05 03:36 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224019.RAW

Result File : C:\DATA65\H224019.rst

Inst Method : PCB2CH from C:\DATA65\H224019.rst

Proc Method : C:\DATA65\H1232228.mth

Calib Method : C:\DATA65\H1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-823-

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 114

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.821	170615		19.17	19.1690
2	1.015	16075		1.81	1.8061
3	1.060	52966		5.95	5.9509
4	2.915	19624		2.20	2.2048
5	3.670	364		0.04	0.0409
6	4.023	294		0.02	0.0330
7	4.345	380		0.04	0.0427
8	4.818	1571		0.18	0.1765
9	5.036	16454		1.85	1.8486

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	6.210	7632		0.86	0.8574
11	6.516	5351		0.60	0.6012
12	6.847	10331		1.16	1.1607
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
13	7.447	501		0.06	0.0563
14	7.584	1200		0.13	0.1348
15	7.833	22450		62.56	62.5588
16	8.105	20610		57.43	57.4333
	8.418	170800	AR1232	248.57	248.5735
18	8.898	7951		22.16	22.1564
19	9.373	919		2.56	2.5617
20	9.600	2173		6.05	6.0549
21	9.752	30755		85.70	85.7036
22	9.856	25436		70.88	70.8793
23	10.091	4252		11.85	11.8499
24	10.401	12270		57.44	57.4429
25	10.503	31905		149.37	149.3716
26	10.807	3721		17.42	17.4194
27	11.031	596		2.79	2.7912
28	11.134	1550		7.26	7.2579
29	11.313	6960		32.59	32.5871
30	11.412	8725		40.85	40.8474
31	11.720	43129		201.92	201.9207
33	11.901	50896		238.28	238.2819
34	12.319	32256		151.01	151.0144
35	12.465	3060		14.33	14.3282
36	12.614	39926		186.92	186.9235
37	12.828	28827		251.39	251.3943
38	12.996	29454		256.86	256.8610
39	13.150	9744		84.97	84.9716
41	13.666	14690		128.10	128.1047
42	13.843	8709		75.95	75.9465
43	13.916	6376		55.61	55.6068
44	14.146	11600		101.16	101.1620
45	14.204	18996		165.66	165.6565
46	14.695	1088		9.49	9.4869
47	14.986	2574		22.45	22.4509
48	15.138	20926		182.49	182.4947
49	15.242	32727		285.40	285.4037
50	15.384	32467		283.14	283.1394
51	15.577	4739		41.33	41.3260
52	15.866	21636		188.69	188.6852
53	16.049	18795		163.90	163.9042
54	16.222	4366		38.07	38.0735
55	16.509	743		6.48	6.4772
56	16.710	3977		34.68	34.6814
57	17.030	6118		53.35	53.3498
58	17.211	3498		30.51	30.5072
59	17.391	9245		80.62	80.6203
60	17.724	3883		33.87	33.8664
61	17.885	2280		19.88	19.8810
62	18.073	2571		22.42	22.4171
63	18.207	888		7.74	7.7447
64	18.388	948		8.26	8.2636
65	18.592	22167		193.31	193.3102
66	18.933	6951		60.62	60.6209
67	19.148	3731		32.54	32.5407
68	19.387	2021		17.62	17.6227
69	19.528	5046		44.00	44.0022
70	19.626	34638		302.07	302.0725
71	20.017	1955		17.05	17.0454
72	20.144	2687		23.43	23.4314
73	20.543	1588		13.85	13.8487
74	20.794	1070		0.06	0.0635
75	21.173	830		0.05	0.0493
76	21.308	1200		0.07	0.0712
77	21.506	712		0.04	0.0422
78	21.652	633		0.04	0.0376
79	21.809	248		0.01	0.0147
80	22.265	51225		3.04	3.0398
81	22.517	7958		0.47	0.4723
82	22.871	2430		0.14	0.1442
83	23.605	3778		0.22	0.2242
84	23.924	5369		0.32	0.3186
85	24.126	729		0.04	0.0432
86	24.971	4645		0.28	0.2756
87	26.804	23869		1.42	1.4165
88	27.053	6002		0.36	0.3562
89	27.227	4392		0.26	0.2606

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	27.432	6486		0.38	0.3849
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
91	27.807	9089		0.54	0.5394
92	27.991	3226		0.19	0.1915
93	28.234	1429		0.08	0.0848
94	28.551	1765		0.10	0.1047
95	28.700	609		0.04	0.0361
96	28.778	229		0.01	0.0136
97	28.952	947		0.06	0.0562
98	29.208	670		0.04	0.0398
99	29.315	693		0.04	0.0411
00	29.357	490		0.03	0.0291
01	29.491	687		0.04	0.0407
02	29.672	1243		0.07	0.0738
03	29.877	1193		0.07	0.0708
04	30.090	819		0.05	0.0486
05	30.155	547		0.03	0.0324
06	30.544	1177		0.07	0.0699
07	30.683	473		0.03	0.0281
08	30.932	281		0.02	0.0167
09	31.127	516		0.03	0.0306
10	31.235	825		0.05	0.0489
11	31.479	692		0.04	0.0411
12	31.730	200		0.01	0.0119
13	31.830	277		0.02	0.0164
14	31.971	200		0.01	0.0119
		1356196		5047.90	5047.9045

Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
17	8.418	86587	AR1232-1	241.29	241.2852
32	11.812	55916	AR1232-2	261.79	261.7866
40	13.509	28297	AR1232-3	246.77	246.7703
		170800		749.84	749.8420

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224019.TX0

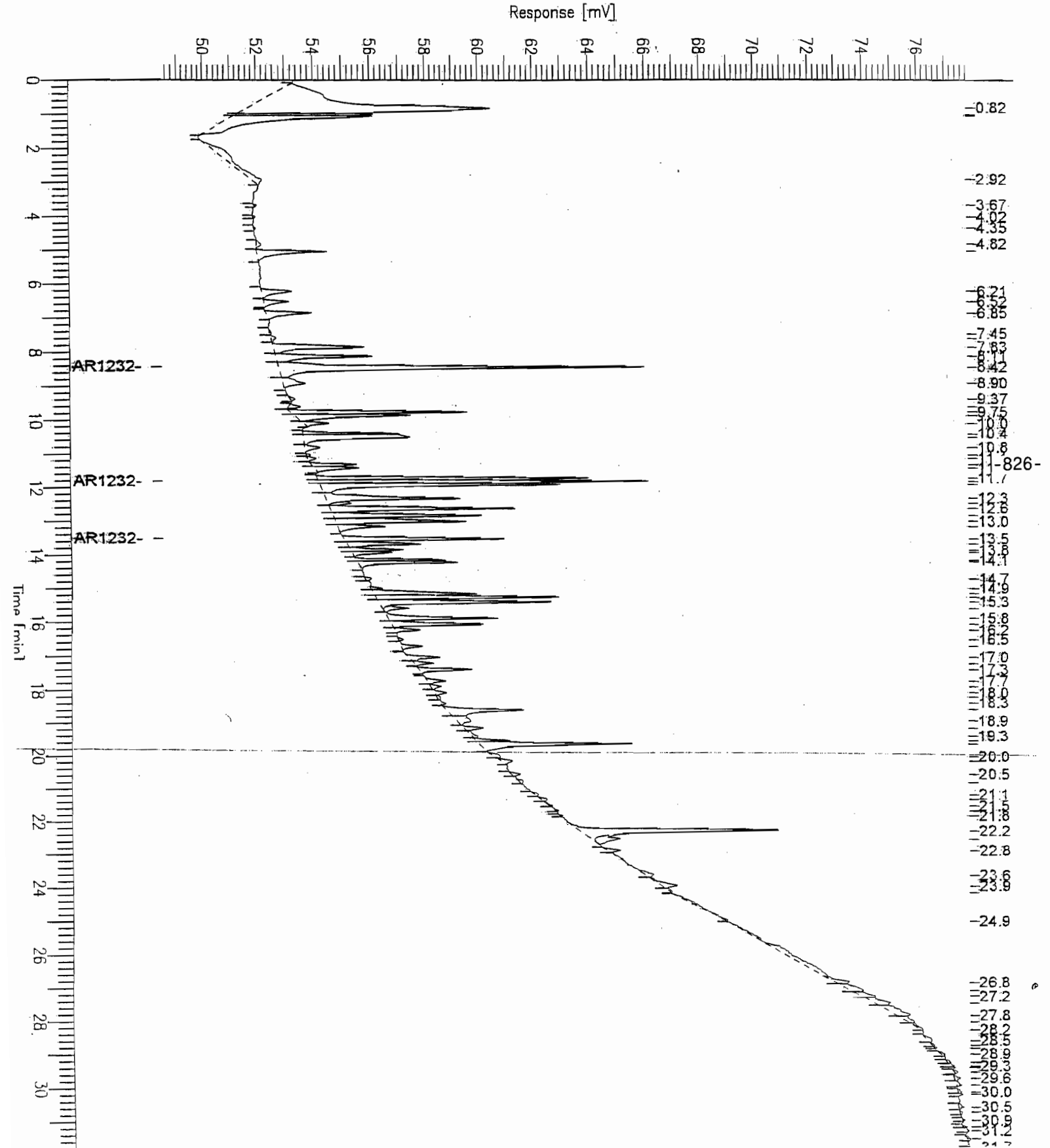
Chromatogram - ECD#1

Sample Name : AR1232 250PPB
File Name : C:\DATA65\H224019.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 48 mV

Sample #: 19
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 03:36 AM
Low Point : 48.45 mV
High Point : 77.82 mV
Plot Scale: 29.4 mV

Page 1 of 1



Software Version: 4.1<2F12>
 Sample Name : AR1232 250PPB Time : 3/1/05 11:50 AM
 Sample Number: 20 Study :
 Operator : manager

Instrument : HP-SFC Channel : B A/D mV Range : 1000
 AutoSampler : HP7673A
 Rack/Vial : 0/19

Interface Serial # : NONE Data Acquisition Time: 2/25/05 04:12 AM
 Delay Time : 0.00 min.
 End Time : 32.00 min.
 Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224020.RAW
 Result File : C:\DATA65\I224020.rst
 Inst Method : PCB2CH from C:\DATA65\I224020.rst
 Proc Method : C:\DATA65\I1232228.mth
 Calib Method : C:\DATA65\I1232228.mth
 Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
 Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
 % Solids : SDG Name :
 Date Recieve : Client Name :
 DEC Sample N :

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Instrument Conditions:
 HP-SFC

Total number of peaks detected: 120

PCB REPORT

=====
 HP-SFC CHANNEL I
 =====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.187	1956		0.08	0.0806
2	1.273	19514		0.80	0.8041
3	1.367	25327		1.04	1.0436
4	1.443	14460		0.60	0.5958
5	1.763	25337		1.04	1.0440
6	1.763	12361		0.51	0.5094
7	2.213	11647		0.48	0.4799
8	2.764	408		0.02	0.0168
9	2.846	965		0.04	0.0398

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.005	285		0.01	0.0117
11	3.111	649		0.03	0.0267
12	3.640	4818		0.20	0.1985
13	3.788	2573		0.11	0.1060
14	4.001	3581		0.15	0.1476
15	4.941	35889		1.48	1.4788
16	6.017	9256		0.38	0.3814
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
17	6.680	22932		0.94	0.9449
18	6.878	16907		0.70	0.6967
19	7.109	1851		2.40	2.3963
20	7.233	56813		73.55	73.5535
21	7.694	37886		49.05	49.0492
23	8.628	12294		15.92	15.9171
24	8.960	185		0.24	0.2400
25	9.246	127565		165.15	165.1523
26	9.418	42109		46.78	46.7785
27	9.599	13312		14.79	14.7883
28	9.799	3652		4.06	4.0567
29	9.926	24771		27.52	27.5182
30	10.032	55282		61.41	61.4125
31	10.414	14156		15.73	15.7263
32	10.488	19891		22.10	22.0966
	10.760	496016	AR1232	258.26	258.2555
34	11.208	117431		130.45	130.4527
35	11.550	44421		179.08	179.0780
36	11.642	26694		107.62	107.6153
37	11.908	55506		223.77	223.7655
39	12.161	48446		195.31	195.3058
40	12.633	17398		70.14	70.1398
41	12.916	42195		170.10	170.1023
42	13.196	69246		279.16	279.1562
43	13.485	2904		11.71	11.7055
44	13.688	18275		73.67	73.6738
45	13.853	32039		129.16	129.1617
46	14.081	61513		247.98	247.9838
47	14.220	87930		354.48	354.4784
48	14.455	5716		23.04	23.0418
49	14.664	4710		18.99	18.9885
50	14.865	11076		44.65	44.6523
51	14.983	42155		169.94	169.9447
52	15.305	6795		27.39	27.3917
53	15.600	7432		29.96	29.9630
54	15.816	1613		6.50	6.5035
55	15.895	244		0.98	0.9849
56	16.004	13759		55.47	55.4658
57	16.187	7232		29.15	29.1550
58	16.394	21298		85.86	85.8597
59	16.507	5897		23.77	23.7721
60	16.666	1103		4.45	4.4469
61	16.749	954		3.84	3.8447
62	16.944	5608		22.61	22.6098
63	17.051	3575		14.41	14.4117
64	17.169	14192		57.21	57.2138
65	17.583	8864		35.74	35.7361
66	17.770	13713		55.28	55.2810
67	18.217	18209		73.41	73.4093
68	18.319	27052		109.06	109.0565
69	18.599	10181		41.04	41.0424
70	18.953	14618		58.93	58.9301
71	19.259	14661		0.48	0.4775
72	19.440	5568		0.18	0.1814
73	19.697	81785		2.66	2.6638
74	20.232	10818		0.35	0.3524
75	20.471	2894		0.09	0.0943
76	20.626	1756		0.06	0.0572
77	20.723	2108		0.07	0.0687
78	20.863	342		0.01	0.0111
79	21.093	7053		0.23	0.2297
30	21.246	279		0.01	0.0091
31	21.319	224		0.01	0.0073
32	21.548	83398		2.72	2.7163
33	21.855	969		0.03	0.0316
34	22.013	410		0.01	0.0134
35	22.081	261		0.01	0.0085
36	22.169	162		0.01	0.0053
37	22.296	3760		0.12	0.1225
38	22.421	2103		0.07	0.0685
39	22.491	3164		0.10	0.1031

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	22.630	626		0.02	0.0204
91	22.701	465		0.02	0.0151
92	22.867	6219		0.20	0.2026
93	23.012	609		0.02	0.0199
94	23.170	295		0.01	0.0096
95	23.245	222		0.01	0.0072
96	23.325	243		0.01	0.0079
97	24.247	30635		1.00	0.9978
98	24.329	2402		0.08	0.0782
99	24.474	3270		0.11	0.1065
100	24.626	338		0.01	0.0110
101	25.168	14437		0.47	0.4702
102	25.322	5201		0.17	0.1694
103	25.448	6547		0.21	0.2132
104	25.707	7414		0.24	0.2415
105	25.795	2183		0.07	0.0711
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
106	26.167	8982		0.29	0.2925
107	26.419	1166		0.04	0.0380
108	26.808	4160		0.14	0.1355
109	26.891	1252		0.04	0.0408
110	26.944	556		0.02	0.0181
111	27.436	7553		0.25	0.2460
112	28.542	55917		1.82	1.8212
113	28.919	3478		0.11	0.1133
114	29.442	3395		0.11	0.1106
115	29.805	801		0.03	0.0261
116	30.144	4103		0.13	0.1336
117	30.474	931		0.03	0.0303
118	30.660	607		0.02	0.0198
119	31.709	1057		0.03	0.0344
120	31.907	487		0.02	0.0158
		2381909		3942.81	3942.8105

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Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
22	7.889	198554	AR1232-1	257.06	257.0586
33	10.760	239108	AR1232-2	265.62	265.6233
38	12.040	58353	AR1232-3	235.25	235.2452
		496016		757.93	757.9272

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I224020.TX0

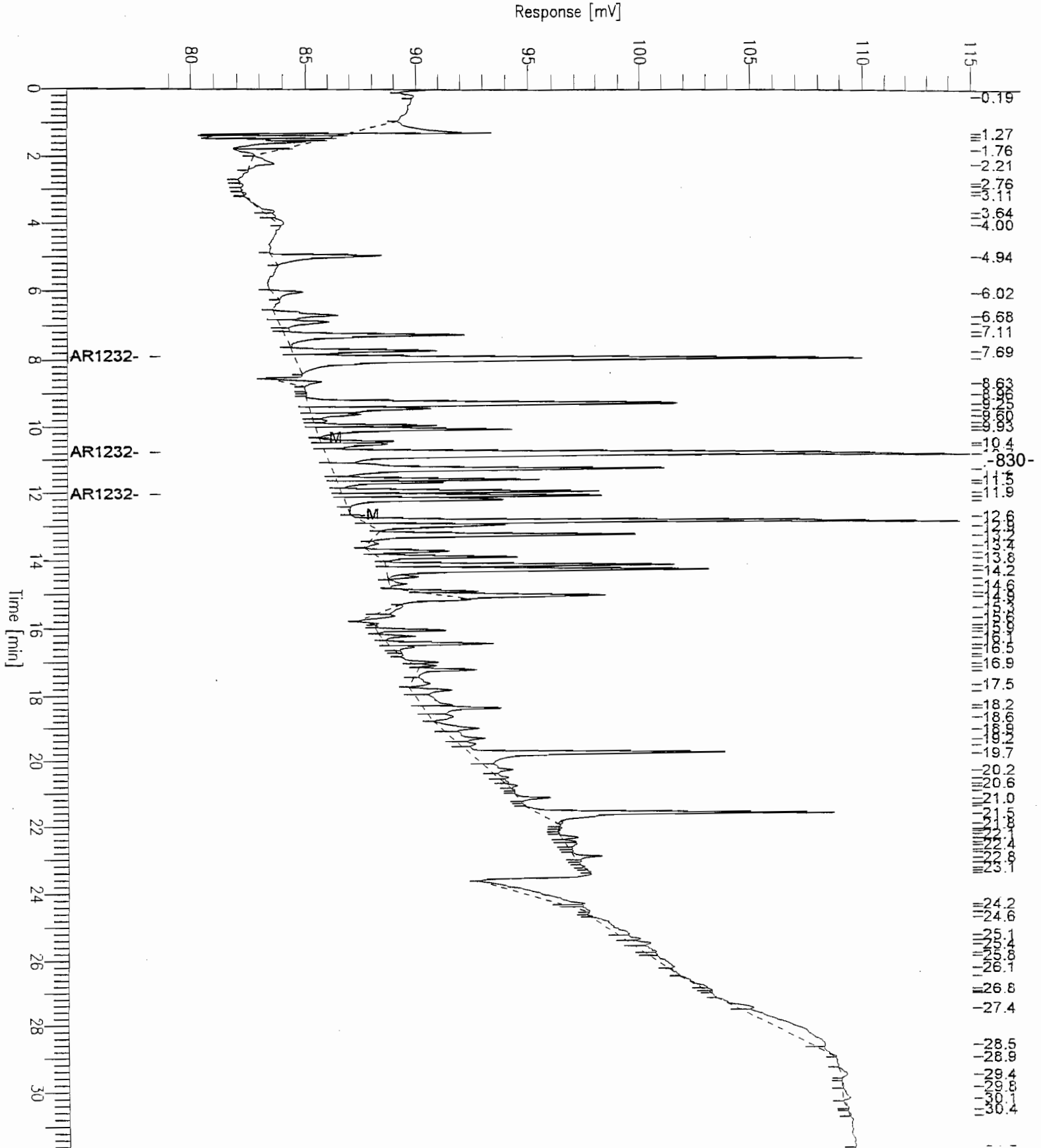
Chromatogram - ECD#1

Sample Name : AR1232 250PPB
FileName : C:\DATA65\I224020.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 79 mV

Sample #: 20
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 04:12 AM
Low Point : 78.62 mV
Plot Scale: 36.4 mV

Page 1 of 1



Software Version: 4.1<2F12>
Sample Name : AR1232 500PPB
Sample Number: 20
Operator : manager

Time : 3/1/05 11:50 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/20

Interface Serial # : NONE Data Acquisition Time: 2/25/05 04:12 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224020.RAW
Result File : C:\DATA65\H224020.rst
Inst Method : PCB2CH from C:\DATA65\H224020.rst
Proc Method : C:\DATA65\H1232228.mth
Calib Method : C:\DATA65\H1232228.mth
Sequence File : C:\DATA65\GA2794_SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 114

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	84075		9.45	9.4461
2	0.814	72360		8.13	8.1298
3	1.000	10030		1.13	1.1269
4	1.054	39414		4.43	4.4282
5	2.953	11689		1.31	1.3133
6	3.669	642		0.07	0.0721
7	4.017	374		0.04	0.0420
8	4.348	289		0.03	0.0325
9	4.847	1428		0.16	0.1605

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	5.037	32492		3.65	3.6506
11	6.213	7995		0.90	0.8983
12	6.519	11252		1.26	1.2642
13	6.848	19911		2.24	2.2371
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
14	7.440	293		0.03	0.0329
15	7.595	980		0.11	0.1101
16	7.836	45081		125.62	125.6237
17	8.107	40393		112.56	112.5601
	8.421	337291	AR1232	490.88	490.8754
19	8.903	11275		31.42	31.4202
20	9.379	922		2.57	2.5684
21	9.600	1458		4.06	4.0633
22	9.755	57845		161.19	161.1934
23	9.856	52746		146.98	146.9820
24	10.094	17681		49.27	49.2689
25	10.503	91040		426.23	426.2268
26	10.810	3986		18.66	18.6621
27	11.031	1146		5.37	5.3676
28	11.139	1545		7.23	7.2333
29	11.316	14530		68.02	68.0249
30	11.415	15500		72.57	72.5670
31	11.724	79839		373.78	373.7844
33	11.901	102817		481.36	481.3638
34	12.323	60841		284.84	284.8428
35	12.467	5807		27.19	27.1885
36	12.617	39557		185.20	185.1974
37	12.831	55286		482.13	482.1343
38	13.000	57979		505.63	505.6253
39	13.154	19551		170.50	170.4976
41	13.670	28161		245.59	245.5888
42	13.847	16723		145.84	145.8400
43	13.915	12365		107.83	107.8321
44	14.150	23238		202.65	202.6534
45	14.205	37625		328.12	328.1222
46	14.523	488		4.26	4.2599
47	14.696	2062		17.98	17.9843
48	14.816	843		7.35	7.3546
49	14.994	2824		24.63	24.6289
50	15.141	41254		359.77	359.7680
51	15.245	65577		571.88	571.8820
52	15.387	67858		591.78	591.7768
53	15.580	7057		61.54	61.5427
54	15.869	42438		370.10	370.0953
55	16.049	38087		332.15	332.1460
56	16.223	9721		84.77	84.7726
57	16.512	1629		14.21	14.2058
58	16.712	7833		68.31	68.3102
59	17.032	12173		106.16	106.1607
60	17.211	7872		68.65	68.6462
61	17.391	19476		169.85	169.8454
62	17.724	7250		63.22	63.2223
63	17.884	3680		32.09	32.0895
64	18.071	3553		30.98	30.9822
65	18.201	1127		9.83	9.8259
66	18.388	1386		12.09	12.0902
67	18.593	26479		230.92	230.9185
68	18.928	6505		56.73	56.7300
69	19.147	7415		64.66	64.6619
70	19.398	4106		35.81	35.8064
71	19.527	10418		90.85	90.8550
72	19.625	34024		296.72	296.7196
73	20.146	6688		58.32	58.3214
74	20.543	2909		25.37	25.3682
75	20.752	1437		0.09	0.0853
76	21.154	1681		0.10	0.0997
77	21.304	2952		0.18	0.1752
78	21.509	2388		0.14	0.1417
79	21.653	2008		0.12	0.1191
80	21.809	1080		0.06	0.0641
81	22.265	55820		3.31	3.3125
82	22.518	10795		0.64	0.6406
83	22.875	2477		0.15	0.1470
84	23.602	5675		0.34	0.3368
85	23.919	7966		0.47	0.4727
86	24.124	1199		0.07	0.0712
87	24.976	4813		0.29	0.2856
88	25.742	1448		0.09	0.0859
89	26.818	5452		0.32	0.3235

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
90	27.795	14446		0.86	0.8573
91	27.930	776		0.05	0.0461
92	28.100	584		0.03	0.0346
93	28.308	744		0.04	0.0442
94	28.378	567		0.03	0.0337
95	28.509	680		0.04	0.0403
96	28.699	333		0.02	0.0197
98	28.959	155		0.01	0.0092
99	29.100	183		0.01	0.0108
100	29.444	851		0.05	0.0505
101	29.634	539		0.03	0.0320
102	29.811	1273		0.08	0.0755
103	30.000	314		0.02	0.0187
104	30.164	598		0.04	0.0355
105	30.308	1501		0.09	0.0891
106	30.477	552		0.03	0.0327
107	30.619	609		0.04	0.0361
108	30.754	153		0.01	0.0091
109	30.799	169		0.01	0.0100
110	31.010	682		0.04	0.0405
111	31.377	1147		0.07	0.0680
112	31.557	308		0.02	0.0183
113	31.630	369		0.02	0.0219
114	31.866	531		0.03	0.0315
2103440				9165.25	9165.2490

Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	8.421	168982	AR1232-1	470.89	470.8876
32	11.814	112764	AR1232-2	527.93	527.9312
40	13.513	55546	AR1232-3	484.40	484.4032
337291				1483.22	1483.2220

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

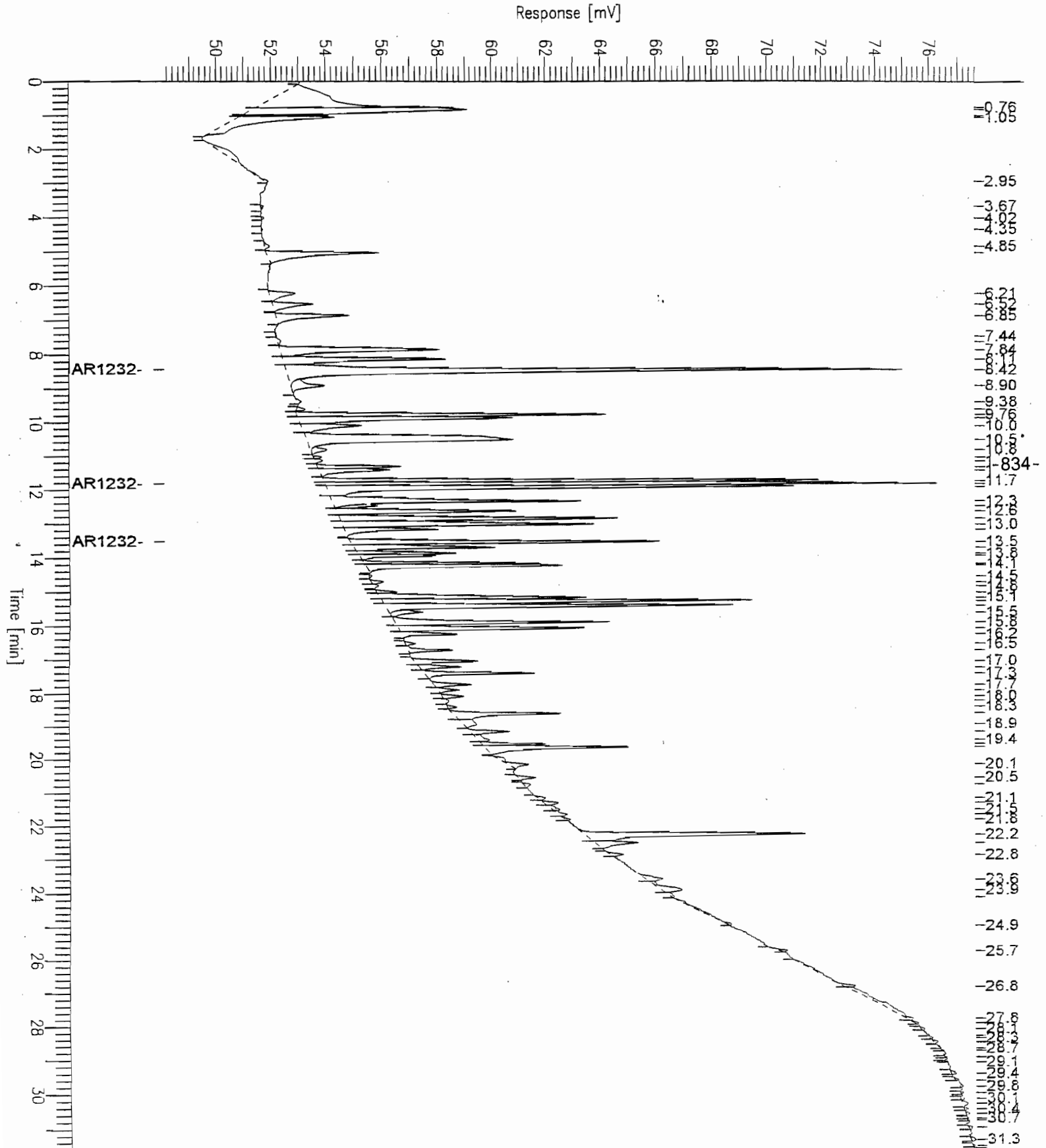
Report stored in ASCII file: C:\DATA65\H224020.TX0

Chromatogram - ECD#1

Sample Name : AR1232 500PPB
 FileName : C:\DATA65\H224020.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 48 mV

Page 1 of 1
 Sample #: 20
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 04:12 AM
 Low Point : 48.11 mV
 High Point : 77.61 mV
 Plot Scale: 29.5 mV



Software Version: 4.1<2F12>

Sample Name : AR1232 500PPB

Time : 3/1/05 11:50 AM

Sample Number: 21

Study :

Operator : manager

Instrument : HP-SFC

Channel : B A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/20

Interface Serial # : NONE Data Acquisition Time: 2/25/05 04:48 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224021.RAW

Result File : C:\DATA65\I224021.rst

Inst Method : PCB2CH from C:\DATA65\I224021.rst

Proc Method : C:\DATA65\I1232228.mth

Calib Method : C:\DATA65\I1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-835-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 122

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.099	2121		0.09	0.0874
2	1.273	114486		4.72	4.7175
3	1.363	1967		0.08	0.0810
4	1.490	4225		0.17	0.1741
5	1.544	9534		0.39	0.3929
6	2.105	18392		0.76	0.7579
7	2.229	15624		0.64	0.6438
8	2.926	1576		0.06	0.0649
9	3.095	1134		0.05	0.0467

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.207	797		0.03	0.0328
11	3.320	937		0.04	0.0386
12	3.719	6935		0.29	0.2858
13	3.847	5054		0.21	0.2083
14	3.966	2613		0.11	0.1077
15	4.157	537		0.02	0.0221
16	4.725	1027		0.04	0.0423
17	4.938	84236		3.47	3.4710
18	5.505	1768		0.07	0.0728
19	5.886	417		0.02	0.0172
20	6.012	19723		0.81	0.8127
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
21	6.595	7799		0.32	0.3214
22	6.675	36001		1.48	1.4835
23	6.871	20273		0.84	0.8354
24	7.230	109025		141.15	141.1492
25	7.690	74140		95.99	95.9858
27	8.622	22226		28.78	28.7751
28	8.961	162		0.21	0.2099
29	9.245	241759		312.99	312.9932
30	9.412	77877		86.51	86.5126
31	9.597	26512		29.45	29.4517
32	9.790	3999		4.44	4.4429
33	9.925	46044		51.15	51.1496
34	10.029	106222		118.00	118.0007
35	10.411	24359		27.06	27.0604
36	10.485	28202		31.33	31.3290
	10.758	926214	AR1232	482.24	482.2422
38	11.206	189471		210.48	210.4819
39	11.547	75823		305.67	305.6733
40	11.640	43930		177.10	177.0967
41	11.905	100985		407.11	407.1098
43	12.160	94299		380.16	380.1564
44	12.786	200959		810.14	810.1410
45	12.914	98360		396.53	396.5254
46	13.194	159458		642.84	642.8379
47	13.478	6788		27.37	27.3661
48	13.685	34059		137.31	137.3063
49	13.852	60931		245.64	245.6366
50	14.078	120757		486.82	486.8180
51	14.218	182568		736.00	736.0000
52	14.453	21471		86.56	86.5571
53	14.663	15093		60.85	60.8462
54	14.864	20929		84.37	84.3728
55	14.982	81481		328.48	328.4803
56	15.305	4902		19.76	19.7621
57	15.598	8300		33.46	33.4620
58	15.806	15083		60.81	60.8068
59	16.002	26099		105.21	105.2145
60	16.187	17606		70.98	70.9755
61	16.392	47789		192.66	192.6567
62	16.504	18075		72.87	72.8682
63	16.676	6192		24.96	24.9607
64	16.735	8462		34.11	34.1122
65	16.835	5648		22.77	22.7709
66	16.941	25673		103.50	103.4993
67	17.046	21542		86.84	86.8421
68	17.167	72304		291.49	291.4871
69	17.487	14832		59.79	59.7919
70	17.579	23020		92.80	92.8013
71	17.774	36323		146.43	146.4304
72	18.016	16702		67.33	67.3302
73	18.214	25144		101.36	101.3635
74	18.318	48492		195.49	195.4917
75	18.584	15023		60.56	60.5626
76	18.951	14898		60.06	60.0596
77	19.260	7246		0.24	0.2360
78	19.433	2912		0.09	0.0948
79	19.696	58012		1.89	1.8895
80	20.117	2669		0.09	0.0869
81	20.230	7059		0.23	0.2299
82	20.469	2900		0.09	0.0945
83	20.632	2136		0.07	0.0696
84	20.715	2713		0.09	0.0884
85	20.850	948		0.03	0.0309
86	21.093	13449		0.44	0.4380
87	21.546	88900		2.90	2.8955
88	21.934	159		0.01	0.0052
89	22.008	565		0.02	0.0184

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	22.090	1725		0.06	0.0562
91	22.288	19761		0.64	0.6436
92	22.422	10472		0.34	0.3411
93	22.487	16502		0.54	0.5375
94	22.700	21087		0.69	0.6868
95	22.862	39843		1.30	1.2977
96	23.016	15520		0.51	0.5055
97	23.167	34839		1.13	1.1347
98	23.250	20292		0.66	0.6609
99	23.327	55781		1.82	1.8168
100	24.245	22033		0.72	0.7176
101	24.473	1982		0.06	0.0645
102	24.946	10181		0.33	0.3316
103	25.314	14718		0.48	0.4794
104	25.445	5723		0.19	0.1864
105	25.727	4901		0.16	0.1596
106	25.938	5322		0.17	0.1733
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
107	26.405	4735		0.15	0.1542
108	26.581	1046		0.03	0.0341
109	26.892	2430		0.08	0.0791
110	26.944	451		0.01	0.0147
111	27.190	642		0.02	0.0209
112	27.431	1607		0.05	0.0524
113	28.781	46811		1.52	1.5246
114	29.139	441		0.01	0.0144
115	29.369	2047		0.07	0.0667
116	30.025	835		0.03	0.0272
117	30.643	1798		0.06	0.0586
118	30.854	813		0.03	0.0265
119	31.048	2423		0.08	0.0789
120	31.457	212		0.01	0.0069
121	31.644	224		0.01	0.0073
122	31.851	498		0.02	0.0162
		4580753		8868.83	8868.8290

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Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
26	7.885	384494	AR1232-1	497.79	497.7858
37	10.758	433058	AR1232-2	481.08	481.0805
42	12.038	108662	AR1232-3	438.06	438.0571
		926214		1416.92	1416.9234

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 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

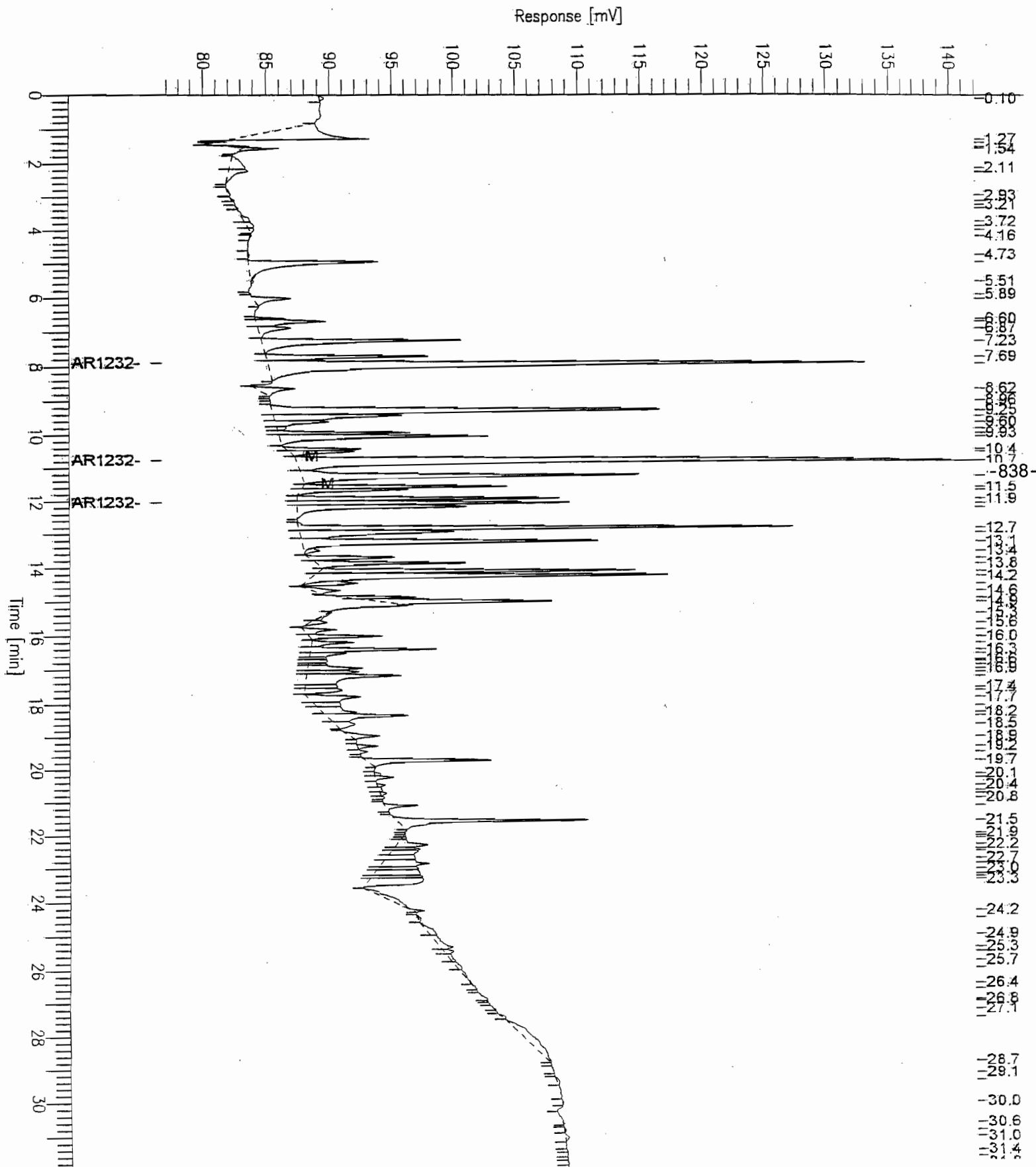
Report stored in ASCII file: C:\DATA65\I224021.TX0

Chromatogram - ECD#1

Sample Name : AR1232 500PPB
FileName : C:\DATA65\I224021.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 77 mV

Sample #: 21
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 04:48 AM
Low Point : 76.64 mV
Plot Scale: 65.5 mV
High Point : 142.14 mV



Software Version: 4.1<2F12>

Sample Name : AR1232 1000PPB

Time : 3/1/05 11:50 AM

Sample Number: 21

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/21

Interface Serial # : NONE Data Acquisition Time: 2/25/05 04:48 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224021.RAW

Result File : C:\DATA65\H224021.rst

Inst Method : PCB2CH from C:\DATA65\H224021.rst

Proc Method : C:\DATA65\H1232228.mth

Calib Method : C:\DATA65\H1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 106

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.824	176436		19.82	19.8231
2	1.003	86991		9.77	9.7737
3	1.060	472411		53.08	53.0767
4	2.255	3024		0.34	0.3397
5	2.876	4861		0.55	0.5461
6	4.014	196		0.02	0.0220
7	4.735	1486		0.17	0.1670
8	5.035	68473		7.69	7.6931
9	6.266	1691		0.19	0.1900

Peak #	Time [min]	Area [UV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
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10	6.514	24083		2.71	2.7058
11	6.846	43522		4.89	4.8899
12	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
13	7.835	84558		235.63	235.6319
14	8.105	66198		184.47	184.4695
15	8.901	12172		33.92	33.9178
16	9.753	118323		329.72	329.7213
17	9.855	98698		275.03	275.0336
18	10.091	33610		93.66	93.6595
19	10.502	179746		841.53	841.5258
20	10.809	4137		19.37	19.3675
21	11.029	2878		13.47	13.4741
22	11.313	30556		143.05	143.0539
23	11.414	27321		127.91	127.9098
24	11.722	165011		772.54	772.5419
25	11.813	642219	AR1232	934.65	934.6515
26	11.899	209014		978.55	978.5502
27	12.321	124748		584.04	584.0406
28	12.464	12846		60.14	60.1438
29	12.609	5792		27.12	27.1166
30	12.829	106477		928.56	928.5609
31	12.997	115637		1008.44	1008.4415
32	13.151	98939		339.58	339.5786
33	13.668	58150		507.12	507.1158
34	13.844	35420		308.89	308.8934
35	13.914	25679		223.94	223.9373
36	14.147	50923		444.09	444.0861
37	14.204	80072		698.29	698.2909
38	14.516	11926		16.80	16.7970
39	14.691	4605		40.16	40.1592
40	14.810	2183		19.04	19.0360
41	14.990	6046		52.73	52.7268
42	15.139	83400		727.32	727.3158
43	15.243	135730		1183.67	1183.6742
44	15.385	140177		1222.45	1222.4524
45	15.612	8154		71.11	71.1100
46	15.867	87045		759.10	759.1011
47	16.049	79915		696.92	696.9174
48	16.221	24021		209.48	209.4803
49	16.509	4763		41.54	41.5396
50	16.709	17866		155.81	155.8063
51	17.030	23046		200.98	200.9756
52	17.209	14155		123.45	123.4451
53	17.390	38518		335.91	335.9094
54	17.721	14675		127.98	127.9764
55	17.881	9065		79.06	79.0552
56	18.069	8148		71.05	71.0529
57	18.202	1567		13.67	13.6675
58	18.391	2867		25.00	25.0001
59	18.590	45362		395.59	395.5908
60	18.928	12123		105.72	105.7201
61	19.145	17517		152.76	152.7597
62	19.387	4072		35.51	35.5105
63	19.524	30826		268.83	268.8256
64	19.775	1839		16.04	16.0361
65	20.003	4064		35.44	35.4418
66	20.141	17234		150.30	150.2967
67	20.539	8120		70.81	70.8117
68	20.742	2708		0.16	0.1607
69	21.151	2761		0.16	0.1638
70	21.301	4404		0.26	0.2613
71	21.509	2078		0.12	0.1233
72	21.648	2496		0.15	0.1481
73	21.806	1499		0.09	0.0890
74	22.263	24128		1.43	1.4318
75	22.520	16351		0.97	0.9703
76	23.601	9808		0.58	0.5821
77	23.875	8027		0.48	0.4764
78	24.044	203		0.01	0.0121
79	24.948	8730		0.52	0.5180
80	25.525	4220		0.25	0.2504
81	25.738	5217		0.31	0.3096
82	25.988	3401		0.20	0.2019
83	26.835	12671		0.75	0.7519
84	27.113	4440		0.26	0.2635
85	27.409	6433		0.38	0.3818
86	27.651	5768		0.34	0.3423
87	27.786	0	Decachlorobiphenyl	0.00	0.0000
88	27.787	6564		0.39	0.3895

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	27.931	1607		0.10	0.0954
90	28.112	1988		0.12	0.1179
91	28.283	151		0.01	0.0089
92	28.461	1018		0.06	0.0604
93	28.725	860		0.05	0.0511
94	28.980	1385		0.08	0.0822
95	29.224	436		0.03	0.0259
96	29.504	537		0.03	0.0319
97	29.680	447		0.03	0.0265
99	29.958	191		0.01	0.0113
100	30.089	293		0.02	0.0174
101	30.136	160		0.01	0.0095
102	30.310	497		0.03	0.0295
103	30.587	591		0.04	0.0351
104	30.727	362		0.02	0.0215
105	31.113	137		0.01	0.0081
106	31.571	408		0.02	0.0242
		4204303		17625.62	17625.6171

Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
14	8.418	306791	AR1232-1	854.91	854.9101
25	11.813	223629	AR1232-2	1046.98	1046.9757
33	13.510	111799	AR1232-3	974.98	974.9758
		642219		2876.86	2876.8616

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

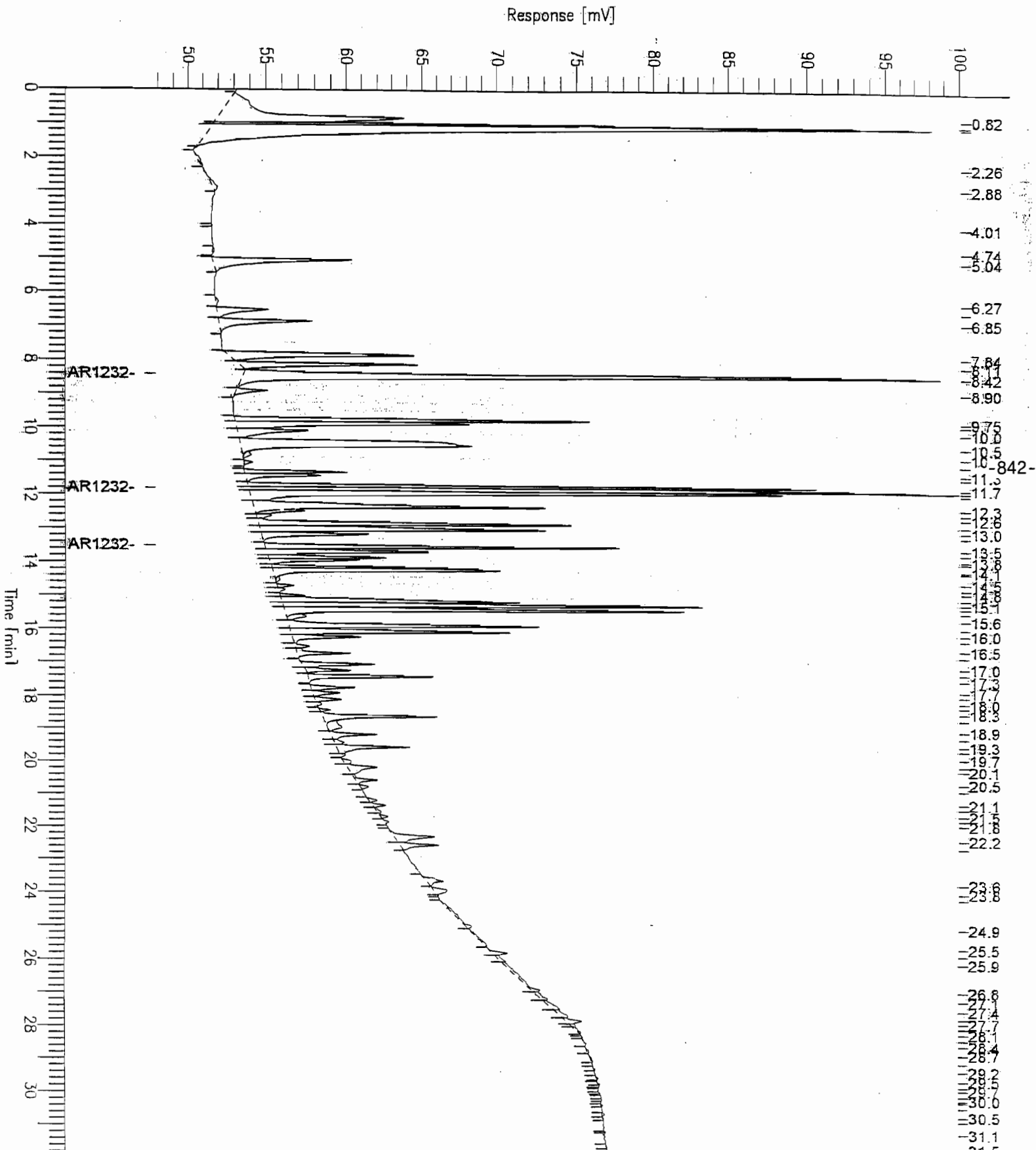
Report stored in ASCII file: C:\DATA65\H224021.TX0

Chromatogram - ECD#1

Sample Name : AR1232 1000PPB
FileName : C:\DATA65\HZ24021.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 48 mV

Sample #: 21
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 04:48 AM
Low Point : 47.92 mV
Plot Scale: 52.2 mV
Page 1 of 1
High Point : 100.15 mV



Software Version: 4.1<2F12>

Sample Name : AR1232 1000PPB

Time : 3/1/05 11:50 AM

Sample Number: 22

Study :

Operator : manager

Instrument : HP-SFC

Channel : B A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/21

Interface Serial # : NONE Data Acquisition Time: 2/25/05 05:25 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224022.RAW

Result File : C:\DATA65\I224022.rst

Inst Method : PCB2CH from C:\DATA65\I224022.rst

Proc Method : C:\DATA65\I1232228.mth

Calib Method : C:\DATA65\I1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 115

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.150	2363		0.10	0.0974
2	1.276	76990		3.17	3.1724
3	1.497	81380		3.35	3.3533
4	1.554	689262		28.40	28.4015
5	2.249	6291		0.26	0.2592
6	2.829	551		0.02	0.0227
7	3.097	662		0.03	0.0273
8	3.245	329		0.01	0.0136
9	3.885	3790		0.16	0.1562

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	3.974	1819		0.07	0.0749
11	4.944	169964		7.00	7.0035
12	5.888	890		0.04	0.0367
13	6.016	52668		2.17	2.1702
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
14	6.600	17246		0.71	0.7106
15	6.678	88445		3.64	3.6444
16	7.234	218875		283.37	283.3664
17	7.693	150457		194.79	194.7898
19	8.622	28253		36.58	36.5777
20	8.961	386		0.50	0.4997
21	9.245	469076		607.29	607.2891
22	9.410	139664		155.15	155.1513
23	9.600	57629		64.02	64.0193
24	9.926	91498		101.64	101.6446
25	10.031	211742		235.22	235.2227
26	10.413	52936		58.81	58.8059
27	10.486	63095		70.09	70.0920
	10.758	1868224	AR1232	972.71	972.7084
29	11.207	412600		458.35	458.3536
30	11.548	177339		714.92	714.9223
31	11.640	101601		409.59	409.5908
32	11.905	208568		840.82	840.8171
34	12.161	195006		786.14	786.1442
35	12.668	797		3.21	3.2145
36	12.790	266685		1075.11	1075.1102
37	12.916	152421		614.47	614.4671
38	13.194	275935		1112.40	1112.4006
39	13.479	8992		36.25	36.2510
40	13.685	69109		278.61	278.6063
41	13.852	124338		501.26	501.2560
42	14.078	238457		961.31	961.3125
43	14.218	329658		1328.98	1328.9767
44	14.453	27191		109.62	109.6190
45	14.585	5367		21.64	21.6361
46	14.662	15400		62.08	62.0819
47	14.863	41802		168.52	168.5202
48	14.980	168663		679.95	679.9458
49	15.600	8451		34.07	34.0677
50	15.802	33834		136.40	136.3986
51	16.003	50185		202.31	202.3138
52	16.186	30648		123.55	123.5536
53	16.392	84691		341.42	341.4228
54	16.503	21789		87.84	87.8395
55	16.677	2028		8.17	8.1750
56	16.737	2905		11.71	11.7101
57	16.836	1789		7.21	7.2118
58	16.942	26818		108.11	108.1147
59	17.048	23485		94.68	94.6753
60	17.165	68621		276.64	276.6389
61	17.483	5109		20.60	20.5969
62	17.574	10655		42.95	42.9535
63	17.771	23744		95.72	95.7202
64	18.215	10093		40.69	40.6903
65	18.318	62307		251.18	251.1818
66	18.587	10181		41.04	41.0426
67	18.951	28391		114.46	114.4567
68	19.259	15050		0.49	0.4902
69	19.439	7776		0.25	0.2533
70	19.696	5329		0.17	0.1736
71	19.785	3506		0.11	0.1142
72	19.940	311		0.01	0.0101
73	20.124	4696		0.15	0.1529
74	20.231	13601		0.44	0.4430
75	20.467	4550		0.15	0.1482
76	20.556	1047		0.03	0.0341
77	20.636	896		0.03	0.0292
78	20.712	1176		0.04	0.0383
79	20.853	1756		0.06	0.0572
80	21.092	24859		0.81	0.8097
81	21.323	351		0.01	0.0114
82	21.545	32491		1.06	1.0583
83	21.774	1872		0.06	0.0610
84	21.855	1077		0.04	0.0351
85	22.004	202		0.01	0.0066
86	22.089	450		0.01	0.0146
87	22.288	18515		0.60	0.6030
88	22.423	7160		0.23	0.2332
89	22.490	5425		0.18	0.1767

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	22.700	517		0.02	0.0169
91	22.864	12163		0.40	0.3962
92	23.006	7729		0.25	0.2517
93	23.171	17658		0.58	0.5751
94	23.252	33505		1.09	1.0913
95	23.563	8131		0.26	0.2648
96	24.243	39904		1.30	1.2997
97	24.546	15427		0.50	0.5025
98	24.707	6047		0.20	0.1970
99	24.938	9854		0.32	0.3210
00	25.016	1476		0.05	0.0481
01	25.315	7171		0.23	0.2336
02	26.161	11750		0.38	0.3827
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
03	26.267	802		0.03	0.0261
04	26.883	1823		0.06	0.0594
05	26.962	628		0.02	0.0204
06	27.458	7585		0.25	0.2471
07	28.827	81139		2.64	2.6427
08	29.032	1392		0.05	0.0453
09	29.748	5172		0.17	0.1685
10	30.071	3309		0.11	0.1078
11	30.473	1551		0.05	0.0505
12	30.670	298		0.01	0.0097
13	31.154	651		0.02	0.0212
14	31.595	913		0.03	0.0297
15	31.753	919		0.03	0.0299
		8299750		15045.29	15045.2929

Group Report For : AR1232

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	7.887	754759	AR1232-1	977.15	977.1489
28	10.758	895183	AR1232-2	994.45	994.4503
33	12.038	218283	AR1232-3	879.98	879.9811
		1868224		2851.58	2851.5802

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

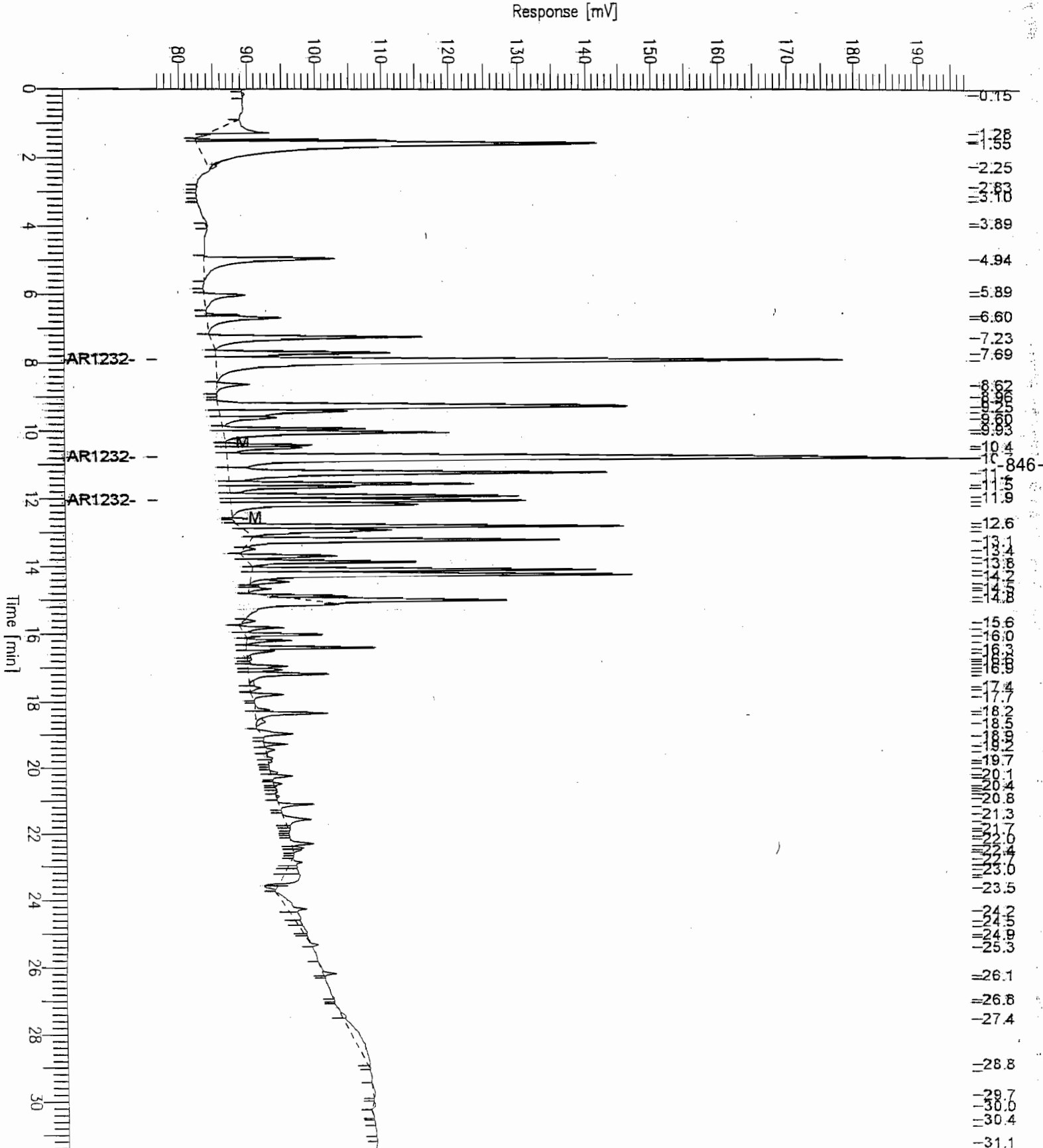
Report stored in ASCII file: C:\DATA65\I224022.TX0

Chromatogram - ECD#1

Sample Name : AR1232 1000PPB
 FileName : C:\DATA65\I224022.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 77 mV

Page 1 of 1
 Sample #: 22
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 05:25 AM
 Low Point : 76.81 mV
 High Point : 197.73 mV
 Plot Scale: 120.9 mV



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 22

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/22

Interface Serial # : NONE Data Acquisition Time: 2/25/05 05:25 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224022.RAW

Result File : C:\DATA65\H224022.rst

Inst Method : PCB2CH from C:\DATA65\H224022.rst

Proc Method : C:\DATA65\H1232228.mth

Calib Method : C:\DATA65\H1232228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 53

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	134179		15.08	15.0754
2	1.011	72184		8.11	8.1101
3	1.067	504810		56.72	56.7168
4	2.950	8700		0.98	0.9775
5	5.503	242		0.03	0.0271
6	6.201	314		0.04	0.0353
7	7.137	1114		0.13	0.1252
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
8	9.312	356		0.99	0.9923

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.891	423		1.18	1.1793
10	10.792	952		4.46	4.4569
11	11.463	2400		11.24	11.2353
13	12.318	496		2.32	2.3242
14	12.623	359		1.68	1.6814
15	14.901	1176		10.26	10.2568
16	15.056	668		5.83	5.8298
17	15.252	442		3.86	3.8566
18	15.883	4274		37.27	37.2709
19	16.126	883		7.70	7.7041
20	18.390	7576		66.07	66.0657
21	18.619	7977		69.57	69.5692
22	18.937	729		6.36	6.3560
23	19.786	6833		59.59	59.5911
24	20.657	7758		0.46	0.4604
25	21.730	2496		0.15	0.1481
26	22.266	22470		1.33	1.3334
27	27.027	79330		4.71	4.7077
28	27.481	27510		1.63	1.6325
29	27.717	16251		0.96	0.9644
30	27.786	0	Decachlorobiphenyl	0.00	0.0000
30	27.967	15883		0.94	0.9425
31	28.281	17107		1.02	1.0152
32	28.395	5953		0.35	0.3533
33	28.533	5302		0.31	0.3147
34	28.673	3758		0.22	0.2230
35	28.852	1623		0.10	0.0963
36	29.018	785		0.05	0.0466
38	29.406	231		0.01	0.0137
39	29.572	507		0.03	0.0301
40	29.780	380		0.02	0.0225
41	30.070	605		0.04	0.0359
42	30.209	465		0.03	0.0276
43	30.349	510		0.03	0.0303
44	30.583	255		0.02	0.0151
45	30.697	714		0.04	0.0424
46	30.763	170		0.01	0.0101
47	30.832	241		0.01	0.0143
48	31.040	572		0.03	0.0340
49	31.114	123		0.01	0.0073
50	31.211	417		0.02	0.0247
51	31.455	260		0.02	0.0154
52	31.569	465		0.03	0.0276
53	31.707	282		0.02	0.0168
		969511		382.04	382.0427

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Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	8.419	0	AR1232-1	0.00	0.0000
12	11.786	88	AR1232-2	0.41	0.4120
0	13.512	0	AR1232-3	0.00	0.0000
		88		0.41	0.4120

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224022.TX0

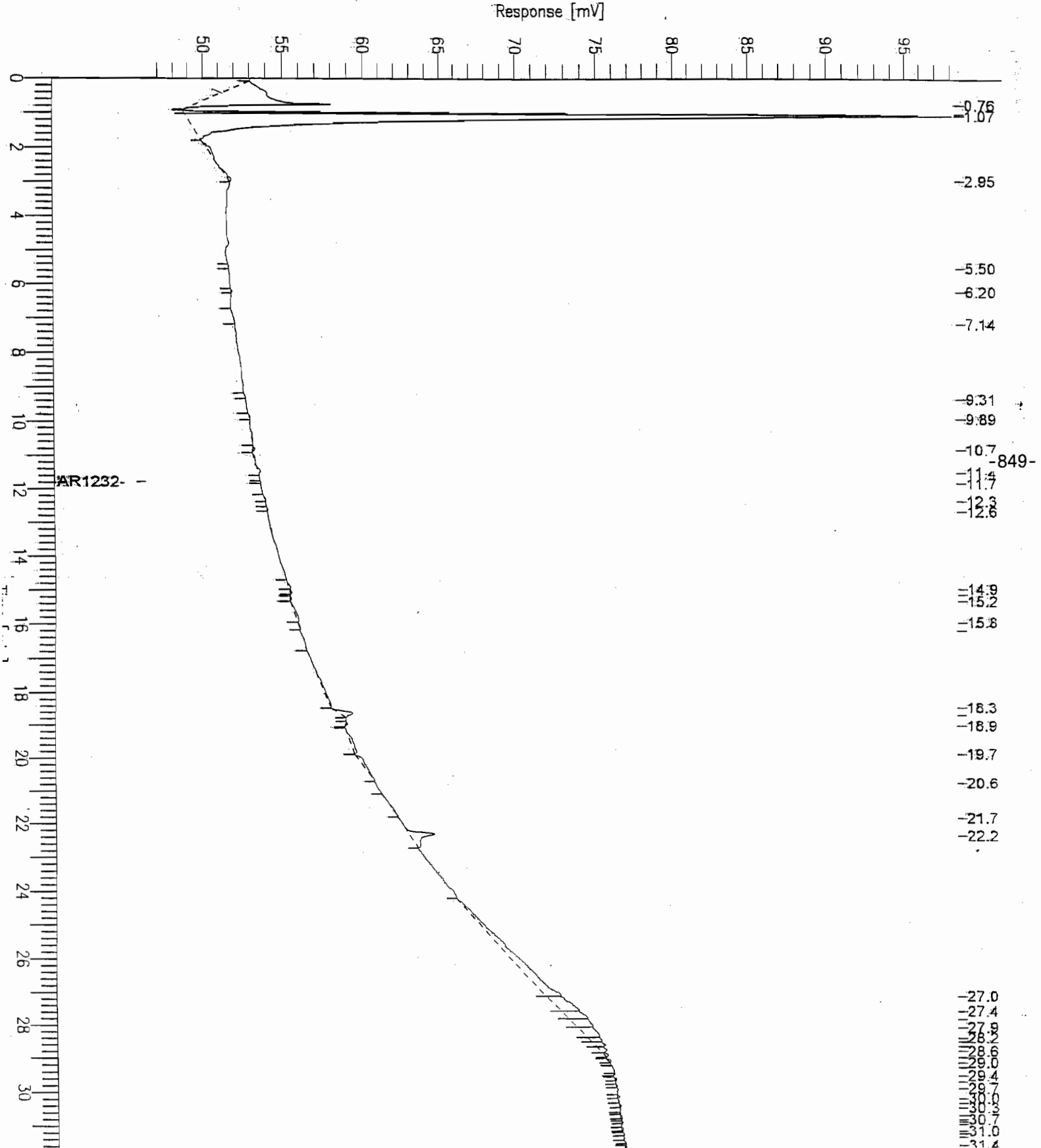
Chromatogram - ECD#1

Sample Name : HEXANE
File Name : C:\DATA65\H224022.raw
Method : PCB2CH
Start Time : 0.00 min
Gain Factor : 1.0

End Time : 32.00 min
Plot Offset : 46 mV

Sample #: 22
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 05:25 AM
Low Point : 46.18 mV
High Point : 98.33 mV
Plot Scale : 52.1 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : HEXANE
Sample Number: 23
Operator : manager

Time : 3/1/05 11:50 AM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Vial : 0/22

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:01 AM
Delay Time : 0.00 min.
Inj Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224023.RAW
Result File : C:\DATA65\I224023.rst
Inst Method : PCB2CH from C:\DATA65\I224023.rst
Proc Method : C:\DATA65\I1232228.mth
Calib Method : C:\DATA65\I1232228.mth
Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

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Instrument Conditions:
HP-SFC

Total number of peaks detected: 88

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.174	1977		0.08	0.0815
2	1.273	154585		6.37	6.3698
3	1.493	99102		4.08	4.0835
4	1.552	860072		35.44	35.4398
5	2.250	5886		0.24	0.2425
6	2.862	704		0.03	0.0290
7	3.965	3347		0.14	0.1379
8	4.934	120		0.00	0.0049
9	5.118	565		0.02	0.0233

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	5.423	355		0.01	0.0146
11	6.062	644		0.03	0.0265
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
12	6.315	666		0.03	0.0274
13	6.874	1318		0.05	0.0543
14	7.424	1256		1.63	1.6255
15	7.643	815		1.06	1.0555
17	8.434	1149		1.49	1.4881
18	8.503	180		0.23	0.2324
19	8.728	1043		1.35	1.3500
20	8.819	180		0.23	0.2328
21	10.043	603		0.67	0.6701
22	10.349	378		0.42	0.4197
23	10.568	181		0.20	0.2009
	10.726	251	AR1232	0.13	0.1307
25	11.109	269		0.30	0.2989
26	11.496	655		2.64	2.6395
27	12.422	5865		23.65	23.6459
28	12.794	1127		4.54	4.5431
29	13.191	172		0.70	0.6954
30	13.562	1720		6.93	6.9333
31	14.254	3907		15.75	15.7487
32	14.500	856		3.45	3.4520
33	14.704	1497		6.04	6.0359
34	14.980	3512		14.16	14.1596
35	16.023	24579		99.09	99.0889
36	16.751	36231		146.06	146.0612
37	17.512	17883		72.09	72.0946
38	17.646	213		0.86	0.8569
39	18.189	2098		8.46	8.4559
40	18.563	6506		26.23	26.2299
41	19.110	5042		0.16	0.1642
42	19.241	221		0.01	0.0072
43	19.721	5649		0.18	0.1840
44	19.928	710		0.02	0.0231
45	20.549	1746		0.06	0.0569
46	20.713	296		0.01	0.0096
47	20.948	1052		0.03	0.0343
48	21.169	507		0.02	0.0165
49	21.541	20039		0.65	0.6527
50	21.855	256		0.01	0.0083
51	21.934	357		0.01	0.0116
52	22.007	443		0.01	0.0144
53	22.090	189		0.01	0.0062
54	22.171	352		0.01	0.0115
55	22.251	326		0.01	0.0106
56	22.547	3424		0.11	0.1115
57	22.620	577		0.02	0.0188
58	22.858	1428		0.05	0.0465
59	23.016	2318		0.08	0.0755
60	23.100	770		0.03	0.0251
61	23.167	899		0.03	0.0293
62	23.247	537		0.02	0.0175
63	23.327	460		0.01	0.0150
64	24.333	86177		2.81	2.8068
65	24.480	21809		0.71	0.7103
66	24.542	11690		0.38	0.3807
67	24.709	21131		0.69	0.6882
68	24.786	10510		0.34	0.3423
69	25.036	30889		1.01	1.0061
70	25.089	8514		0.28	0.2773
71	25.178	9534		0.31	0.3105
72	25.478	38503		1.25	1.2541
73	25.731	30035		0.98	0.9782
74	25.788	6327		0.21	0.2061
75	26.094	31010		1.01	1.0100
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
76	26.565	32323		1.05	1.0528
77	26.951	25072		0.82	0.8166
78	27.038	4008		0.13	0.1305
79	27.442	21515		0.70	0.7007
80	28.245	78089		2.54	2.5434
81	28.667	30501		0.99	0.9934
82	29.123	8149		0.27	0.2654
83	29.651	3568		0.12	0.1162
84	29.959	2510		0.08	0.0817
85	30.551	1707		0.06	0.0556
86	30.847	651		0.02	0.0212
87	31.268	1913		0.06	0.0623

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
88	31.846	740		0.02	0.0241
		1806939		503.27	503.2656

Group Report For : AR1232

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
16	7.938	125	AR1232-1	0.16	0.1620
24	10.726	126	AR1232-2	0.14	0.1399
0	12.040	0	AR1232-3	0.00	0.0000
		.251		0.30	0.3019

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

Report stored in ASCII file: C:\DATA65\I224023.TX0

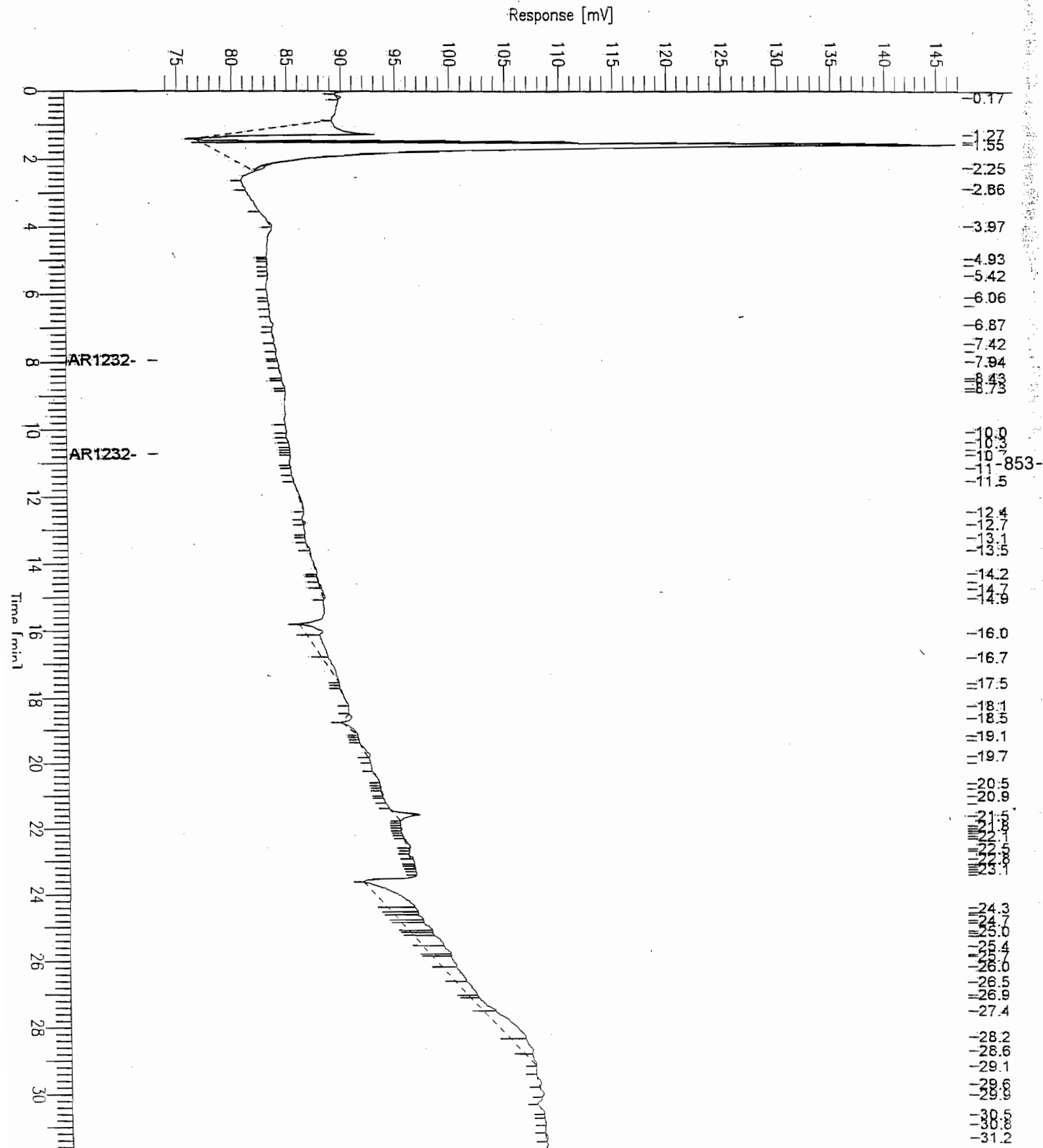
Chromatogram - ECD#1

Sample Name : HEXANE
 FileName : C:\DATA65\I224023.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 73 mV

Sample #: 23
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 06:01 AM
 Low Point : 73.21 mV
 Plot Scale: 74.3 mV
 High Point : 147.49 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1242 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 23

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/23

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:01 AM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224023.RAW

Result File : C:\DATA65\H224023.rst

Inst Method : PCB2CH from C:\DATA65\H224023.rst

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 74

PCB REPORT

=====
P-SFC CHANNEL H
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	96125		10.80	10.8000
2	1.010	61675		6.93	6.9293
3	1.065	515769		57.95	57.9482
4	2.937	9687		1.09	1.0884
5	3.670	701		0.08	0.0788
6	4.825	1298		0.15	0.1459
7	6.213	4086		0.46	0.4591
8	6.933	362		0.04	0.0407
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.445	258		0.03	0.0290
10	8.420	1083		0.12	0.1217
11	8.839	513		1.93	1.9346
12	9.374	1042		3.93	3.9261
13	9.611	1055		3.97	3.9733
15	9.859	3431		12.93	12.9270
16	10.394	856		3.22	3.2242
17	10.515	452		1.70	1.7028
18	10.809	2553		7.29	7.2948
19	11.135	922		2.63	2.6328
20	11.421	2201		6.29	6.2876
	11.723	5523	AR1242	6.14	6.1429
22	11.813	5065		14.47	14.4716
23	12.318	1620		4.63	4.6269
24	12.617	22374		63.92	63.9200
25	12.833	1978		5.65	5.6504
26	13.000	1401		4.00	4.0016
27	13.157	376		1.08	1.0752
28	13.511	1738		6.13	6.1256
29	13.684	1451		5.11	5.1148
30	13.921	1321		4.66	4.6575
31	14.209	1479		5.21	5.2124
32	15.124	3860		13.61	13.6095
34	15.390	1458		5.14	5.1400
35	15.582	2094		7.38	7.3805
36	15.863	3021		10.65	10.6517
37	16.045	1368		4.82	4.8218
38	16.743	1659		5.85	5.8497
39	17.043	759		2.67	2.6743
40	17.398	2102		7.41	7.4109
41	18.390	7547		26.61	26.6075
42	18.599	12834		45.25	45.2466
43	19.628	27730		97.76	97.7594
44	21.498	872		3.07	3.0729
45	22.267	38520		2.29	2.2859
46	22.876	2049		0.12	0.1216
47	23.933	7337		0.44	0.4354
48	24.127	900		0.05	0.0534
49	27.112	61090		3.63	3.6253
50	27.465	15751		0.93	0.9347
51	27.604	7303		0.43	0.4334
52	27.786	0	Decachlorobiphenyl	0.00	0.0000
53	27.824	10104		0.60	0.5996
54	27.948	4450		0.26	0.2641
55	28.164	7896		0.47	0.4686
56	28.374	3581		0.21	0.2125
57	28.442	1112		0.07	0.0660
58	28.615	672		0.04	0.0399
59	28.853	1687		0.10	0.1001
60	29.042	1038		0.06	0.0616
61	29.176	1170		0.07	0.0695
62	29.387	1258		0.07	0.0746
63	29.489	889		0.05	0.0527
64	29.666	518		0.03	0.0308
65	29.979	672		0.04	0.0399
66	30.101	426		0.03	0.0253
67	30.475	336		0.02	0.0200
68	30.755	233		0.01	0.0138
69	30.820	641		0.04	0.0380
70	31.025	499		0.03	0.0296
71	31.236	827		0.05	0.0491
72	31.372	406		0.02	0.0241
73	31.510	372		0.02	0.0221
74	31.760	1075		0.06	0.0638
75	31.913	413		0.02	0.0245
		986924		483.05	483.0476

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Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
4	9.764	1714	AR1242-1	6.46	6.4576
1	11.723	2121	AR1242-2	6.06	6.0598

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
33	15.243	1688	AR1242-3	5.95	5.9510
		5523		18.47	18.4684

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

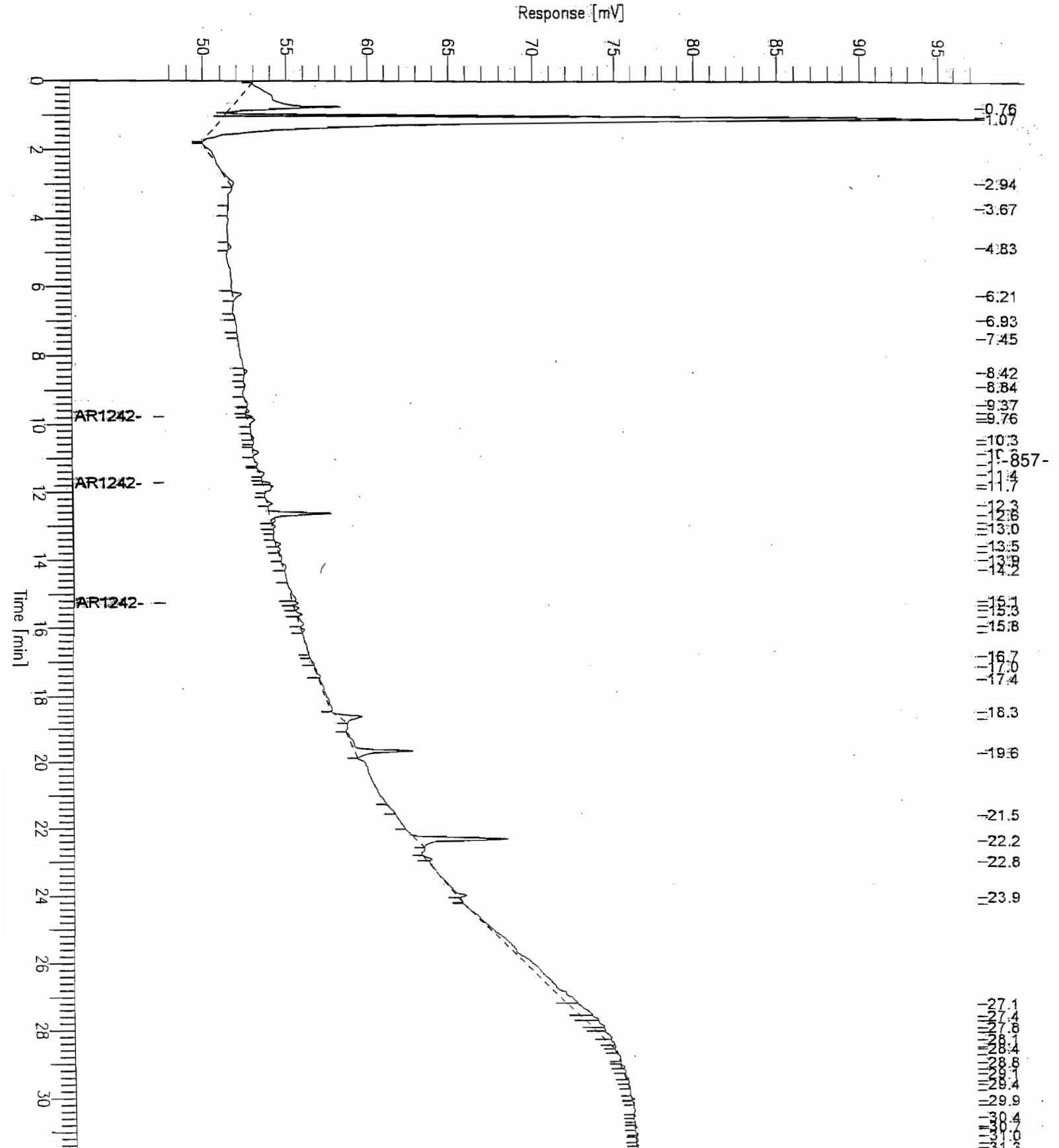
Report stored in ASCII file: C:\DATA65\H224023.TX0

Chromatogram - ECD#1

Sample Name : AR1242_5PPB
 FileName : C:\DATA65\H224023.raw
 Method : PCB2CH
 Start Time : 0.00:min
 Scale Factor : 1.0

End Time : 32.00:min
 Plot Offset : 48 mV

Sample #: 23
 Date : 3/1/05 11:50 AM
 Time of Injection : 2/25/05 06:01 AM
 Low Point : 47.63 mV
 High Point : 97.31 mV
 Plot Scale : 49.7 mV



Software Version: 4.1<2F12>

Sample Name : AR1242 5PPB

Time : 3/1/05 11:50 AM

Sample Number: 24

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/23

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:37 AM

Delay Time : 0.00 min.

Load Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224024.RAW

Result File : C:\DATA65\I224024.rst

List Method : PCB2CH from C:\DATA65\I224024.rst

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Gain Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Gate Recieve :

Client Name :

EC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 107

PCB REPORT

HP-SFC CHANNEL I

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
.	0.183	2426		0.10	0.1000
.	1.275	102719		4.23	4.2326
.	1.556	986031		40.63	40.6300
.	2.843	466		0.02	0.0192
.	3.636	1913		0.08	0.0788
.	3.966	2297		0.09	0.0947
.	4.660	190		0.01	0.0078
.	4.937	260		0.01	0.0107
.	5.257	588		0.02	0.0201

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
10	6.330	2240		0.09	0.0923
11	6.707	689		0.03	0.0284
12	6.879	7780		0.32	0.3206
13	7.331	1157		0.05	0.0477
14	7.709	445		0.02	0.0183
15	7.897	3172		0.13	0.1307
16	8.116	1589		0.07	0.0655
17	8.739	5436		2.95	2.9521
18	8.810	638		0.35	0.3466
19	9.043	156		0.08	0.0848
20	9.254	7143		3.88	3.8795
21	9.428	2580		1.40	1.4010
22	9.811	1318		0.72	0.7156
23	9.924	1752		0.95	0.9513
24	10.036	2525		1.37	1.3712
25	10.420	1694		0.92	0.9200
26	10.494	696		0.38	0.3780
27	10.569	774		0.42	0.4202
	10.759	15239	AR1242	5.40	5.3996
29	11.119	3451		1.87	1.8740
30	11.194	4229		2.30	2.2966
31	11.554	2249		4.73	4.7314
32	11.657	2805		5.90	5.8991
33	11.911	2563		5.39	5.3910
35	12.445	847		1.78	1.7817
36	12.779	56240		118.29	118.2910
37	13.197	5969		11.81	11.8095
38	13.498	1642		3.25	3.2479
39	13.714	838		1.66	1.6577
40	13.862	944		1.87	1.8679
41	13.963	258		0.51	0.5107
43	14.217	2199		4.35	4.3502
44	14.694	13422		26.55	26.5537
45	14.870	10876		21.52	21.5171
46	14.992	17782		35.18	35.1792
47	15.365	3555		7.03	7.0340
48	16.014	25315		50.08	50.0822
49	16.199	6557		12.97	12.9725
50	16.391	11611		22.97	22.9703
51	16.748	11258		22.27	22.2720
52	17.053	5713		11.30	11.3016
53	17.185	1878		3.72	3.7158
54	17.286	102		0.20	0.2020
55	17.496	265		0.52	0.5233
56	17.870	15070		29.81	29.8140
57	18.227	10742		21.25	21.2524
58	18.317	1705		3.37	3.3724
59	18.593	6492		12.84	12.8435
50	19.104	5345		10.57	10.5737
51	19.257	212		0.42	0.4193
52	19.695	47084		93.15	93.1499
53	20.333	1820		0.06	0.0593
54	20.790	513		0.02	0.0167
55	20.616	785		0.03	0.0256
56	20.719	1804		0.06	0.0588
57	21.093	588		0.02	0.0191
58	21.169	425		0.01	0.0138
59	21.247	361		0.01	0.0118
70	21.547	66199		2.16	2.1561
71	22.010	213		0.01	0.0070
72	22.170	938		0.03	0.0305
73	22.239	386		0.01	0.0126
74	22.397	1099		0.04	0.0358
75	22.552	557		0.02	0.0181
76	22.640	278		0.01	0.0091
77	22.700	406		0.01	0.0132
78	22.864	5885		0.19	0.1917
79	23.089	1305		0.04	0.0425
80	23.166	6425		0.21	0.2093
81	23.252	8367		0.27	0.2725
82	23.329	11348		0.37	0.3696
83	23.395	28282		0.92	0.9212
84	24.326	34315		1.12	1.1177
85	24.487	375		0.01	0.0122
86	25.015	13818		0.45	0.4501
87	25.104	2113		0.07	0.0688
88	25.463	16158		0.53	0.5263
89	25.557	3655		0.12	0.1190

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	25.636	3264		0.11	0.1063
91	25.709	1870		0.06	0.0609
92	26.104	8438		0.27	0.2748
93	26.164	802		0.03	0.0261
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
94	26.413	626		0.02	0.0204
95	26.500	270		0.01	0.0088
96	26.567	356		0.01	0.0116
97	26.895	3133		0.10	0.1021
98	26.962	942		0.03	0.0307
99	27.030	370		0.01	0.0120
00	27.459	4699		0.15	0.1531
01	29.105	66551		2.17	2.1676
02	29.478	826		0.03	0.0269
03	29.801	2287		0.07	0.0745
04	30.375	562		0.02	0.0183
05	31.110	4869		0.16	0.1586
06	31.543	580		0.02	0.0189
07	31.863	647		0.02	0.0211
		1742973		624.27	624.2739

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
28	10.759	10160	AR1242-1	5.52	5.5179
34	12.043	1956	AR1242-2	4.11	4.1146
42	14.080	3122	AR1242-3	6.18	6.1773
		15239		15.81	15.8097

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=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224024.TX0

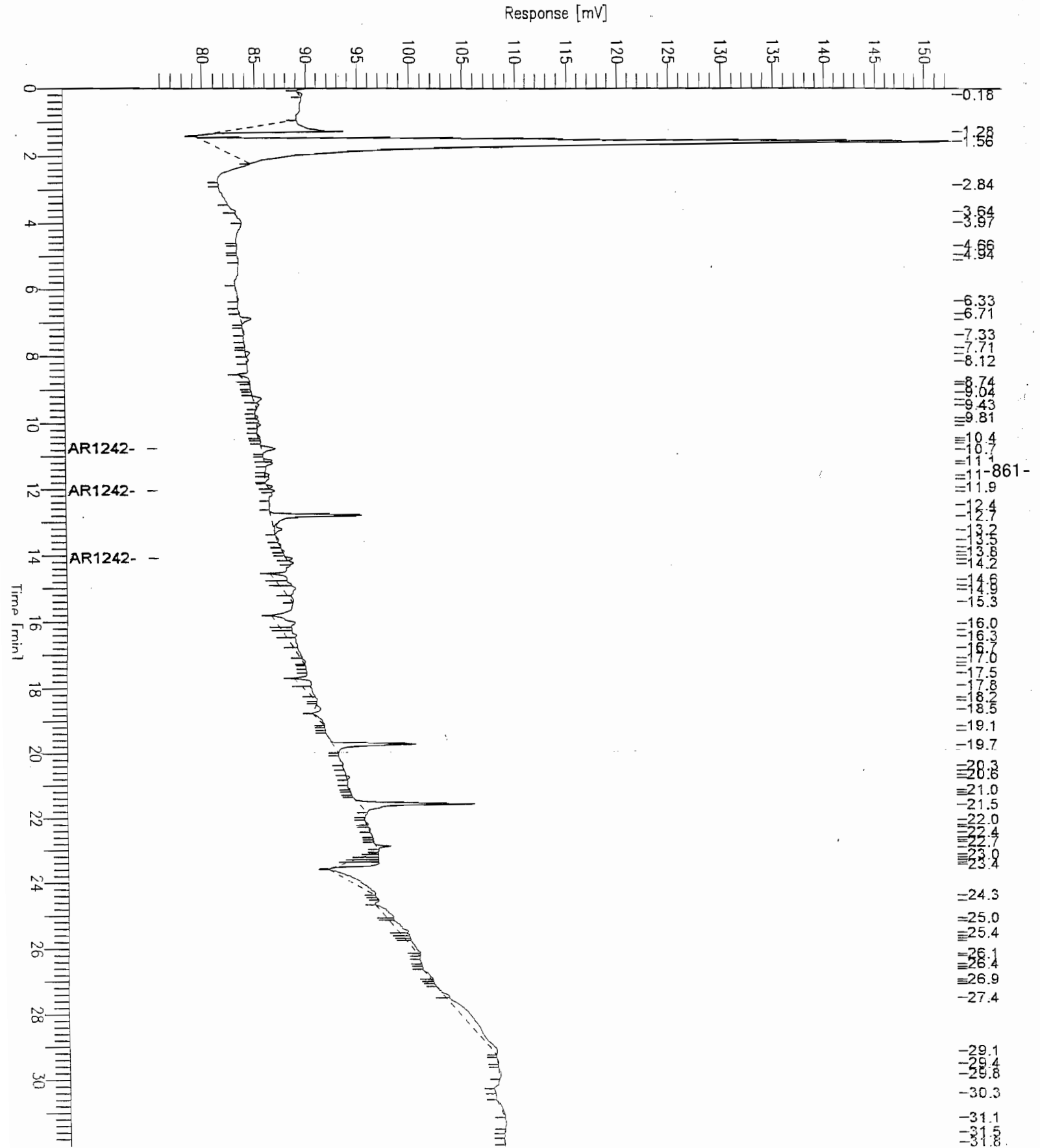
Chromatogram - ECD#1

Sample Name : AR1242 5PPB
File Name : C:\DATA65\I224024.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 76 mV

Sample #: 24
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 06:37 AM
Low Point : 75.64 mV
Plot Scale : 77.1 mV
High Point : 152.71 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1242 20PPB

Time : 3/1/05 11:50 AM

Sample Number: 24

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:37 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224024.RAW

Result File : C:\DATA65\H224024.rst

Inst Method : PCB2CH from C:\DATA65\H224024.rst

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 86

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.754	87969		9.88	9.8836
2	1.003	92346		10.38	10.3754
3	1.062	516803		58.06	58.0643
4	1.601	1365		0.15	0.1533
5	2.339	4919		0.55	0.5527
6	2.949	7208		0.81	0.8099
7	3.672	324		0.04	0.0364
8	4.020	403		0.05	0.0453
9	4.852	1721		0.19	0.1934

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.205	5758		0.65	0.6469
11	6.861	866		0.10	0.0973
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
12	7.446	365		0.04	0.0410
13	7.594	330		0.04	0.0371
14	7.837	590		0.07	0.0663
15	8.110	443		0.05	0.0497
16	8.418	3555		0.40	0.3995
17	8.850	2026		7.63	7.6317
18	9.372	4693		17.68	17.6826
19	9.599	3226		12.15	12.1535
21	9.854	5436		20.48	20.4820
22	10.088	263		0.99	0.9922
23	10.395	2904		10.94	10.9431
24	10.507	2167		8.17	8.1656
25	10.802	2801		8.00	8.0036
26	11.136	1815		5.19	5.1853
27	11.414	5215		14.90	14.8989
	11.719	17497	AR1242	19.46	19.4611
29	11.810	9306		26.59	26.5864
30	11.899	7647		21.85	21.8456
31	12.317	4450		12.71	12.7121
32	12.613	33179		94.79	94.7895
33	12.826	4865		13.90	13.8999
34	12.996	5150		14.71	14.7144
35	13.147	2045		5.84	5.8428
36	13.508	5124		18.06	18.0628
37	13.668	2597		9.16	9.1550
38	13.840	498		1.76	1.7556
39	14.144	2007		7.07	7.0740
40	14.206	2591		9.13	9.1336
41	15.130	7156		25.23	25.2261
43	15.383	4666		16.45	16.4488
44	15.573	3273		11.54	11.5376
45	15.864	5722		20.17	20.1724
46	16.045	3681		12.98	12.9787
47	16.226	843		2.97	2.9720
48	16.714	762		2.69	2.6873
49	17.028	1406		4.96	4.9555
50	17.206	1419		5.00	5.0010
51	17.390	2658		9.37	9.3718
52	17.730	2592		9.14	9.1366
53	18.077	2884		10.17	10.1666
54	18.386	2398		8.45	8.4521
55	18.593	14832		52.29	52.2870
56	19.159	1293		4.56	4.5573
57	19.625	34914		123.08	123.0839
58	20.168	3495		12.32	12.3224
59	21.498	5487		19.34	19.3441
60	22.265	59806		3.55	3.5490
61	22.874	3214		0.19	0.1907
62	23.934	9393		0.56	0.5574
63	24.119	1198		0.07	0.0711
64	25.838	35501		27.11	27.1067
65	26.791	32562		1.93	1.9323
66	27.486	32082		1.90	1.9038
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
67	27.935	24215		1.44	1.4370
68	28.121	8933		0.53	0.5301
69	28.254	3821		0.23	0.2267
70	28.606	13107		0.78	0.7778
71	28.820	2975		0.18	0.1765
72	28.885	173		0.01	0.0103
73	29.060	326		0.02	0.0194
74	29.234	403		0.02	0.0239
75	29.437	420		0.02	0.0250
76	29.617	764		0.05	0.0454
77	29.794	533		0.03	0.0317
78	29.935	486		0.03	0.0288
79	30.177	1060		0.06	0.0629
80	30.348	1256		0.07	0.0745
81	30.524	598		0.04	0.0355
82	30.804	253		0.01	0.0150
83	31.364	859		0.05	0.0510
84	31.503	486		0.03	0.0289
85	31.643	301		0.02	0.0178
86	31.873	435		0.03	0.0258

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Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
20	9.755	5462	AR1242-1	20.58	20.5807
28	11.719	6946	AR1242-2	19.84	19.8447
42	15.242	5089	AR1242-3	17.94	17.9401
		17497		58.37	58.3655

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224024.TX0

Chromatogram - ECD#1

Sample Name : AR1242 20PPB
File Name : C:\DATA65\H224024.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

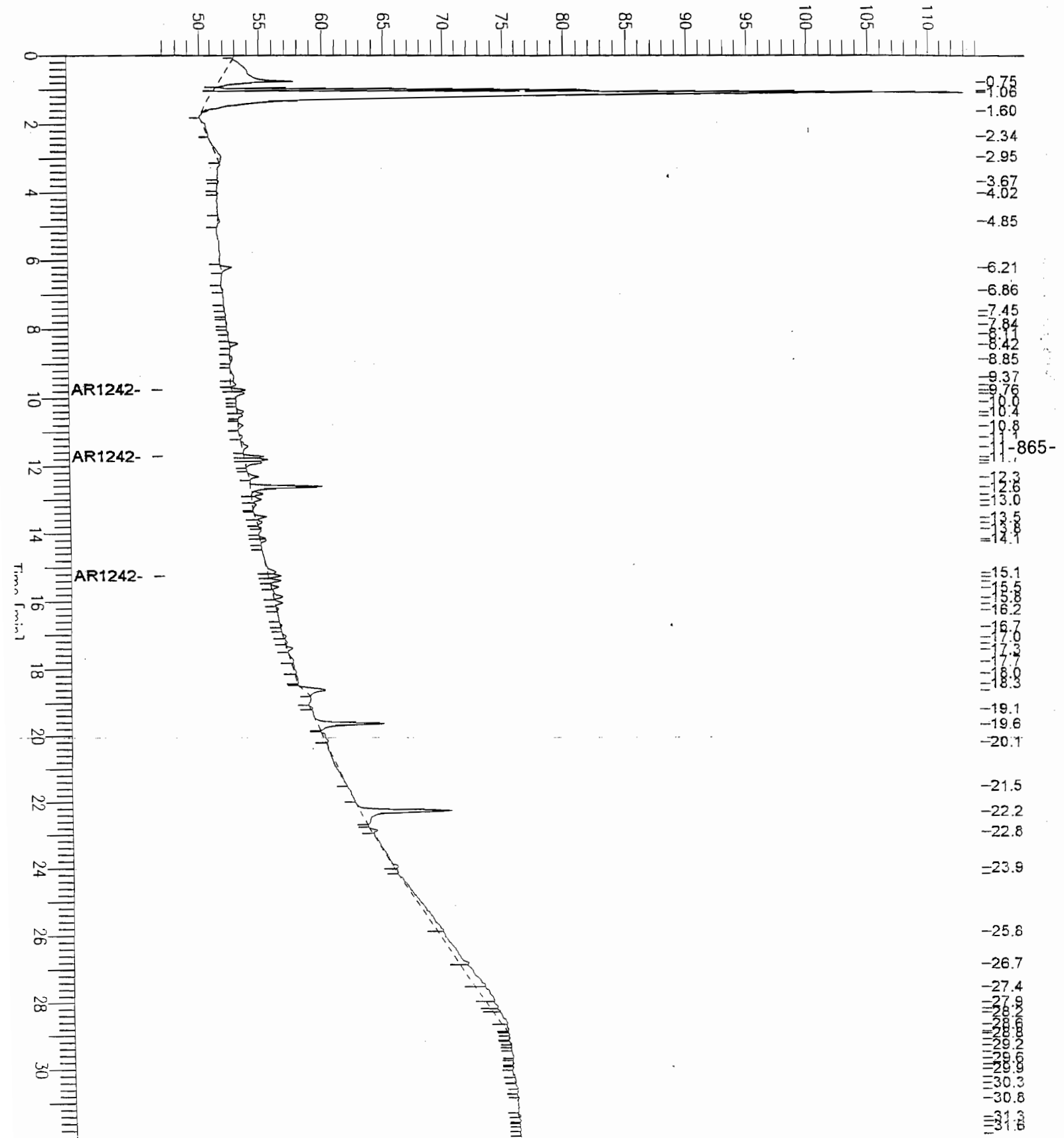
End Time : 32.00 min
Plot Offset : 47 mV

Sample #: 24
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 06:37 AM
Low Point : 46.85 mV
Plot Scale: 67.2 mV

Page 1 of 1

High Point : 114.08 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1242 20PPB

Time : 3/1/05 11:50 AM

Sample Number: 25

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:13 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224025.RAW

Result File : C:\DATA65\I224025.rst

Inst Method : PCB2CH from C:\DATA65\I224025.rst

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-866-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 109

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.219	3180		0.13	0.1310
2	0.320	1079		0.04	0.0445
3	0.558	191		0.01	0.0079
4	1.277	112735		4.65	4.6453
5	1.498	100412		4.14	4.1375
6	1.559	886990		36.55	36.5490
7	2.738	317		0.01	0.0131
8	2.854	794		0.03	0.0327
9	3.012	491		0.02	0.0203

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.119	890		0.04	0.0367
11	3.651	10868		0.45	0.4478
12	3.799	5299		0.22	0.2183
13	3.961	13466		0.55	0.5549
14	4.164	4114		0.17	0.1695
15	4.935	180		0.01	0.0074
16	5.408	452		0.02	0.0186
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
17	6.315	3221		0.13	0.1327
18	6.700	1522		0.06	0.0627
19	6.880	10800		0.45	0.4450
20	7.228	1023		0.04	0.0422
21	7.704	3095		0.13	0.1275
22	7.891	8851		0.36	0.3647
23	8.112	1176		0.05	0.0485
24	8.721	6254		3.40	3.3966
25	9.250	19608		10.65	10.6489
26	9.436	4527		2.46	2.4586
27	9.803	2161		1.17	1.1736
28	9.926	4729		2.57	2.5684
29	10.033	9329		5.07	5.0666
30	10.420	3183		1.73	1.7289
31	10.497	2802		1.52	1.5220
32	10.571	2149		1.17	1.1669
	10.760	54462	AR1242	19.30	19.2977
34	11.121	3018		1.64	1.6390
35	11.205	12614		6.85	6.8506
36	11.553	6148		12.93	12.9307
37	11.650	5781		12.16	12.1600
38	11.908	10355		21.78	21.7798
40	12.162	8464		17.80	17.8028
41	12.780	82495		173.51	173.5140
42	13.194	13976		27.65	27.6507
43	13.497	974		1.93	1.9278
44	13.681	3126		6.19	6.1853
45	13.855	3441		6.81	6.8078
47	14.217	6605		13.07	13.0680
48	14.449	5218		10.32	10.3234
49	14.669	14555		28.79	28.7946
50	14.863	18056		35.72	35.7217
51	14.987	33138		65.56	65.5592
52	15.368	3485		6.89	6.8948
53	16.001	18296		36.20	36.1973
54	16.193	5824		11.52	11.5213
55	16.391	4415		8.73	8.7339
56	16.752	2138		4.23	4.2303
57	17.046	12835		25.39	25.3917
58	17.169	16843		33.32	33.3217
59	17.490	24548		48.56	48.5647
60	17.590	13149		26.01	26.0145
61	17.781	13761		27.23	27.2252
62	18.113	33420		66.12	66.1175
63	18.208	13638		26.98	26.9807
64	18.315	20370		40.30	40.2987
65	18.579	12587		24.90	24.9017
66	18.952	9148		18.10	18.0983
67	19.315	6909		13.67	13.6677
68	19.487	1657		3.28	3.2787
69	19.694	67110		132.77	132.7688
70	20.161	891		0.03	0.0290
71	20.335	647		0.02	0.0211
72	20.470	871		0.03	0.0284
73	20.603	852		0.03	0.0277
74	20.723	2035		0.07	0.0663
75	20.867	317		0.01	0.0103
76	21.546	58964		1.92	1.9205
77	22.170	477		0.02	0.0155
78	22.314	386		0.01	0.0126
79	22.394	419		0.01	0.0137
80	22.550	1247		0.04	0.0406
81	22.620	521		0.02	0.0170
82	22.709	425		0.01	0.0138
83	22.863	3219		0.10	0.1048
84	22.996	326		0.01	0.0106
85	23.173	803		0.03	0.0262
86	23.246	256		0.01	0.0083
87	23.317	407		0.01	0.0133
88	24.323	72544		2.36	2.3628
89	24.396	8261		0.27	0.2691

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	24.497	12849		0.42	0.4185
91	25.011	36936		1.20	1.2030
92	25.088	4195		0.14	0.1366
93	25.452	23321		0.76	0.7596
94	25.570	4465		0.15	0.1454
95	25.951	3441		0.11	0.1121
0	26.165		0 Decachlorobiphenyl	0.00	0.0000
96	26.192	732		0.02	0.0238
97	26.257	260		0.01	0.0085
98	26.568	1211		0.04	0.0394
99	26.960	3732		0.12	0.1216
00	27.033	668		0.02	0.0217
01	27.194	1301		0.04	0.0424
02	28.720	67962		2.21	2.2135
03	29.030	3965		0.13	0.1291
04	29.347	617		0.02	0.0201
05	29.774	1203		0.04	0.0392
06	30.658	2004		0.07	0.0653
07	30.911	769		0.03	0.0251
08	31.344	1943		0.06	0.0633
09	31.857	1006		0.03	0.0328
		2114895		1104.84	1104.8415

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
33	10.760	35834	AR1242-1	19.46*	19.4613
39	12.042	10708	AR1242-2	22.52	22.5230
46	14.080	7920	AR1242-3	15.67	15.6682
		54462		57.65	57.6525

-868-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224025.TX0

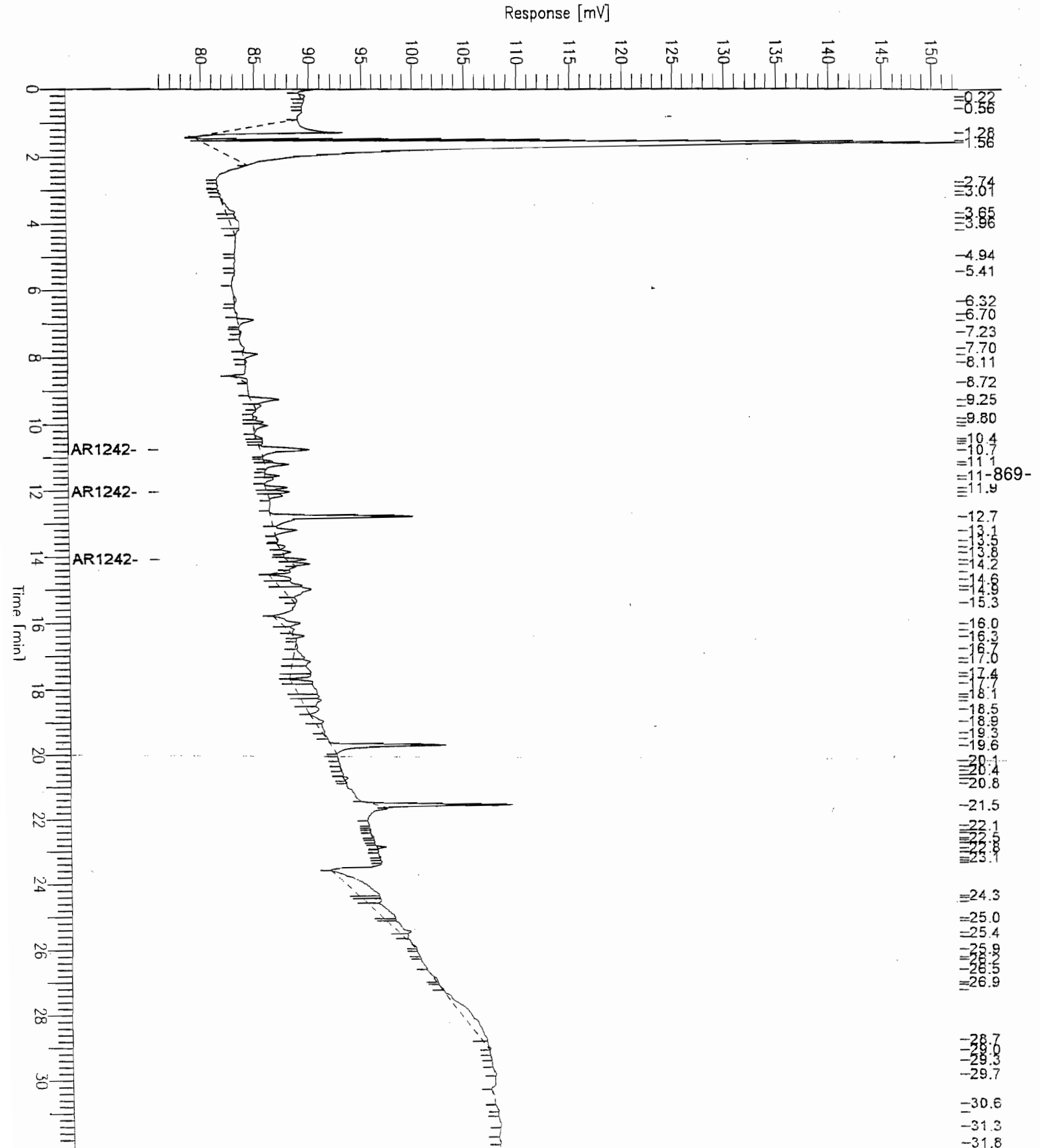
Chromatogram - ECD#1

Sample Name : AR1242 20PPB
FileName : C:\DATA65\I224025.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 76 mV

Sample #: 25
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 07:13 AM
Low Point : 75.76 mV
Plot Scale: 76.5 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1242 100PPB

Time : 3/1/05 11:50 AM

Sample Number: 25

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/25

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:13 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224025.RAW

Result File : C:\DATA65\H224025.rst

Inst Method : PCB2CH from C:\DATA65\H224025.rst

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-870-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 95

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.819	137399		15.44	15.4371
2	1.008	80543		9.05	9.0492
3	1.064	504387		56.67	56.6693
4	1.800	14712		1.65	1.6530
5	2.962	2306		0.26	0.2591
6	3.666	512		0.06	0.0575
7	4.013	306		0.03	0.0343
8	4.820	1376		0.15	0.1546
9	6.207	4125		0.46	0.4634

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.850	1979		0.22	0.2223
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000
11	7.826	2390		0.27	0.2685
12	8.109	3984		0.45	0.4476
13	8.421	23766		2.67	2.6701
14	8.904	5380		20.27	20.2720
15	9.377	2910		10.96	10.9643
16	9.603	1714		6.46	6.4572
18	9.856	22756		85.74	85.7385
19	10.087	5155		19.42	19.4218
20	10.401	14988		56.47	56.4721
21	10.511	14983		56.45	56.4535
22	10.809	3099		8.85	8.8530
23	11.031	448		1.28	1.2786
24	11.136	1104		3.15	3.1528
25	11.318	5477		15.65	15.6463
26	11.416	5982		17.09	17.0903
	11.724	85174	AR1242	94.73	94.7333
28	11.814	46515		132.89	132.8905
29	11.900	41362		118.17	118.1668
30	12.322	25367		72.47	72.4724
31	12.466	3147		8.99	8.9920
32	12.616	26989		77.11	77.1059
33	12.830	25321		72.34	72.3410
34	12.999	26862		76.74	76.7424
35	13.152	9103		26.01	26.0060
36	13.511	23815		83.96	83.9588
37	13.669	12619		44.49	44.4878
38	13.845	6916		24.38	24.3804
39	13.917	5399		19.03	19.0338
40	14.146	10502		37.02	37.0231
41	14.203	13432		47.35	47.3516
42	14.697	733		2.58	2.5847
43	14.820	146		0.52	0.5155
44	15.138	20688		72.93	72.9327
46	15.386	27212		95.93	95.9326
47	15.582	3091		10.90	10.8985
48	15.866	18565		65.45	65.4489
49	16.045	18716		65.98	65.9825
50	16.223	5471		19.29	19.2891
51	16.510	1073		3.78	3.7812
52	16.712	4320		15.23	15.2291
53	17.031	6955		24.52	24.5185
54	17.210	3796		13.38	13.3822
55	17.392	10459		36.87	36.8704
56	17.727	3290		11.60	11.6003
57	17.886	1427		5.03	5.0312
58	18.071	1971		6.95	6.9475
59	18.232	928		3.27	3.2730
60	18.389	847		2.99	2.9854
61	18.594	16594		58.50	58.5014
62	18.943	1244		4.39	4.3866
63	19.149	3926		13.84	13.8395
64	19.528	4474		15.77	15.7737
65	19.626	26974		95.09	95.0934
66	19.998	2378		8.38	8.3842
67	20.142	5449		19.21	19.2097
68	20.278	1251		4.41	4.4089
69	20.798	670		2.36	2.3613
70	21.154	1881		6.63	6.6305
71	21.500	1423		5.02	5.0151
72	22.265	38890		2.31	2.3078
73	22.870	2494		0.15	0.1480
74	23.930	8538		0.51	0.5067
75	24.121	882		0.05	0.0523
76	26.798	48032		2.85	2.8503
77	27.006	7269		0.43	0.4314
78	27.479	20122		1.19	1.1941
79	27.614	6370		0.38	0.3780
0	27.786		0 Decachlorobiphenyl	0.00	0.0000
30	28.039	17057		1.01	1.0122
31	28.216	5318		0.32	0.3156
32	28.420	3838		0.23	0.2278
33	28.532	1116		0.07	0.0662
34	28.838	1245		0.07	0.0739
35	29.019	405		0.02	0.0240
36	29.298	1977		0.12	0.1173
37	29.547	1372		0.08	0.0814
38	29.784	399		0.02	0.0237

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	30.206	172		0.01	0.0102
90	30.446	185		0.01	0.0110
91	30.556	229		0.01	0.0136
92	30.869	234		0.01	0.0139
93	31.256	143		0.01	0.0085
94	31.670	331		0.02	0.0196
95	31.952	989		0.06	0.0587
		1587859		2025.63	2025.6264

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
17	9.756	24635	AR1242-1	92.82	92.8191
27	11.724	33654	AR1242-2	96.15	96.1463
45	15.244	26885	AR1242-3	94.78	94.7808
		85174		283.75	283.7461

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\H224025.TX0

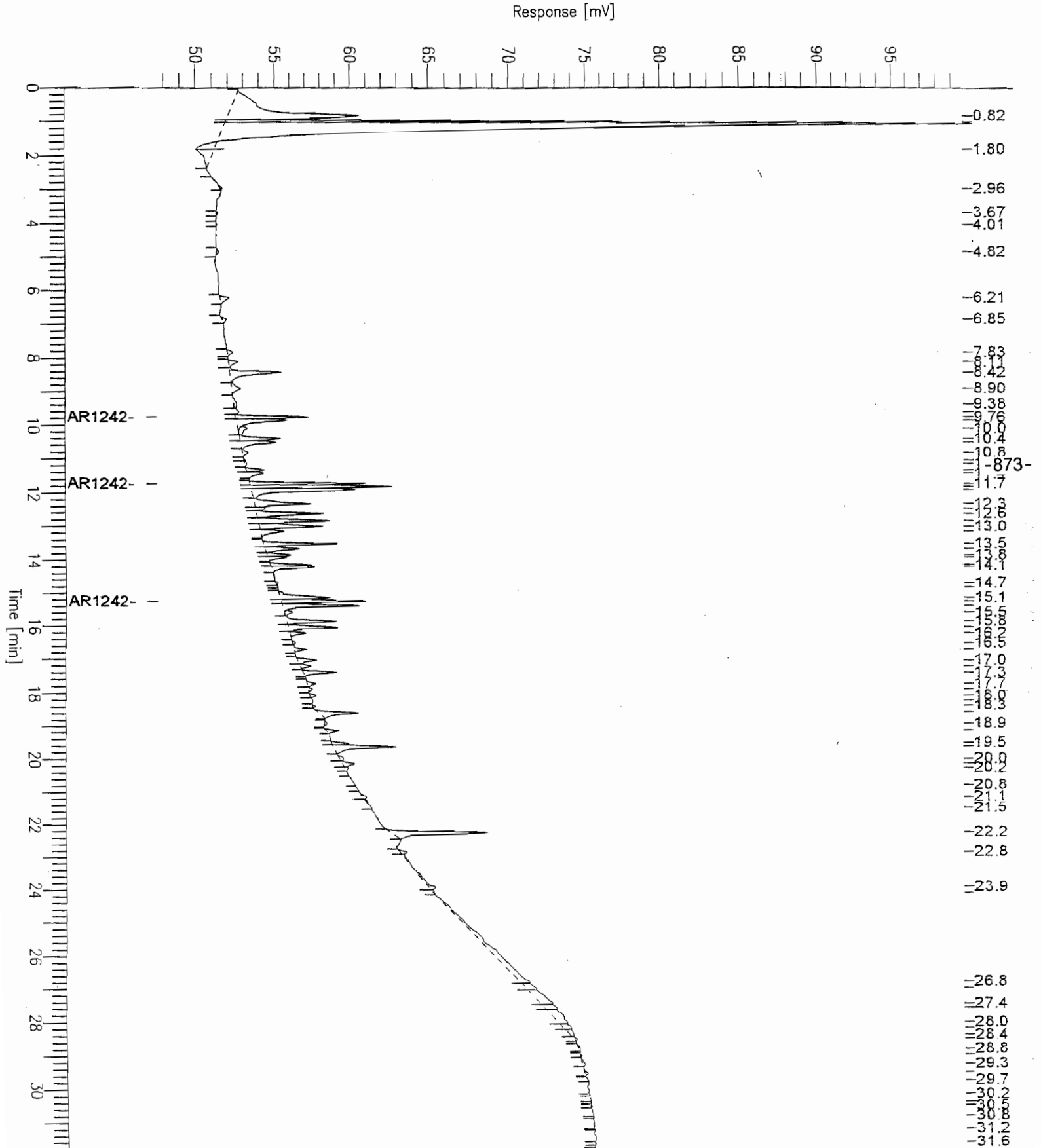
Chromatogram - ECD#1

Sample Name : AR1242 100PPB
FileName : C:\DATA65\H224025.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 48 mV

Sample #: 25
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 07:13 AM
Low Point : 47.63 mV
High Point : 99.78 mV
Plot Scale: 52.1 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1242 100PPB

Time : 3/1/05 11:50 AM

Sample Number: 26

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/25

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:49 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224026.RAW

Result File : C:\DATA65\I224026.rst

Inst Method : PCB2CH from C:\DATA65\I224026.rst

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-874-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 111

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.183	2683		0.11	0.1105
2	1.273	92826		3.82	3.8250
3	1.491	96815		3.99	3.9893
4	1.550	940864		38.77	38.7689
5	2.243	28923		0.99	0.9857
6	2.840	690		0.03	0.0284
7	3.104	662		0.03	0.0273
8	3.259	268		0.01	0.0110
9	3.659	3544		0.15	0.1460

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.787	2715		0.11	0.1119
11	3.965	3049		0.13	0.1256
12	4.942	409		0.02	0.0168
13	5.792	327		0.01	0.0135
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
14	6.322	3941		0.16	0.1624
15	6.679	4340		0.18	0.1788
16	6.880	6692		0.28	0.2758
17	7.234	7743		0.32	0.3190
18	7.695	7855		0.32	0.3237
19	7.890	51005		2.10	2.1017
20	8.628	9287		5.04	5.0438
21	9.041	147		0.08	0.0797
22	9.247	120448		65.42	65.4153
23	9.600	6733		3.66	3.6568
24	9.807	1333		0.72	0.7238
25	9.927	19981		10.85	10.8514
26	10.030	44453		24.14	24.1426
27	10.414	11392		6.19	6.1868
28	10.487	14162		7.69	7.6914
	10.759	297136	AR1242	105.29	105.2861
30	11.207	85712		46.55	46.5503
31	11.549	30842		64.87	64.8712
32	11.641	19702		41.44	41.4397
33	11.906	48073		101.11	101.1128
35	12.161	43645		91.80	91.8001
36	12.786	106788		224.61	224.6114
37	12.913	36530		76.84	76.8357
38	13.194	60469		119.63	119.6302
39	13.477	1563		3.09	3.0914
40	13.686	14535		28.76	28.7562
41	13.852	26888		53.19	53.1944
43	14.217	80156		158.58	158.5794
44	14.454	6807		13.47	13.4659
45	14.661	4827		9.55	9.5498
46	14.863	13892		27.48	27.4835
47	14.981	33128		65.54	65.5407
48	15.603	3524		6.97	6.9710
49	15.813	2915		5.77	5.7675
50	16.003	15867		31.39	31.3908
51	16.189	7502		14.84	14.8419
52	16.392	20031		39.63	39.6287
53	16.671	242		0.48	0.4781
54	16.746	548		1.08	1.0846
55	16.944	7876		15.58	15.5814
56	17.046	7478		14.79	14.7949
57	17.167	25963		51.36	51.3648
58	17.483	3518		6.96	6.9603
59	17.575	4693		9.28	9.2846
60	17.769	9792		19.37	19.3714
61	18.213	13530		26.77	26.7681
62	18.316	19542		38.66	38.6620
63	18.577	8527		16.87	16.8687
64	18.955	16144		31.94	31.9382
65	19.280	1545		3.06	3.0559
66	19.696	51371		101.63	101.6308
67	20.120	2287		4.53	4.5252
68	20.230	390		0.01	0.0127
69	20.474	379		0.01	0.0123
70	20.630	662		0.02	0.0216
71	20.720	2519		0.08	0.0820
72	20.869	924		0.03	0.0301
73	21.093	744		0.02	0.0242
74	21.249	243		0.01	0.0079
75	21.547	73524		2.39	2.3947
76	21.866	2253		0.07	0.0734
77	21.939	1112		0.04	0.0362
78	22.009	405		0.01	0.0132
79	22.166	855		0.03	0.0279
80	22.315	1311		0.04	0.0427
81	22.469	186		0.01	0.0061
82	22.545	558		0.02	0.0182
83	22.634	654		0.02	0.0213
84	22.706	354		0.01	0.0115
85	22.863	2655		0.09	0.0865
86	23.012	333		0.01	0.0109
87	23.083	222		0.01	0.0072
88	23.164	502		0.02	0.0164
89	23.239	2732		0.09	0.0890

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	23.321	28636		0.93	0.9327
91	24.164	22670		0.74	0.7384
92	24.475	7810		0.25	0.2544
93	24.785	1573		0.05	0.0512
94	24.946	1756		0.06	0.0572
95	25.011	949		0.03	0.0309
96	25.090	583		0.02	0.0190
97	25.457	4159		0.14	0.1355
98	25.564	1335		0.04	0.0435
99	25.789	3367		0.11	0.1097
100	26.101	3529		0.11	0.1150
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
101	26.482	3811		0.12	0.1241
102	26.883	4975		0.16	0.1620
103	26.958	449		0.01	0.0146
104	27.184	1049		0.03	0.0342
105	27.439	2341		0.08	0.0763
106	28.614	49706		1.62	1.6189
107	29.466	2431		0.08	0.0792
108	29.821	701		0.02	0.0228
109	30.478	6573		0.21	0.2141
110	30.834	2968		0.10	0.0967
111	31.852	829		0.03	0.0270
		2857590		1856.08	1856.0840

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
29	10.759	194095	AR1242-1	105.41	105.4129
34	12.038	51601	AR1242-2	108.53	108.5343
42	14.079	51440	AR1242-3	101.77	101.7688
		297136		315.72	315.7160

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=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

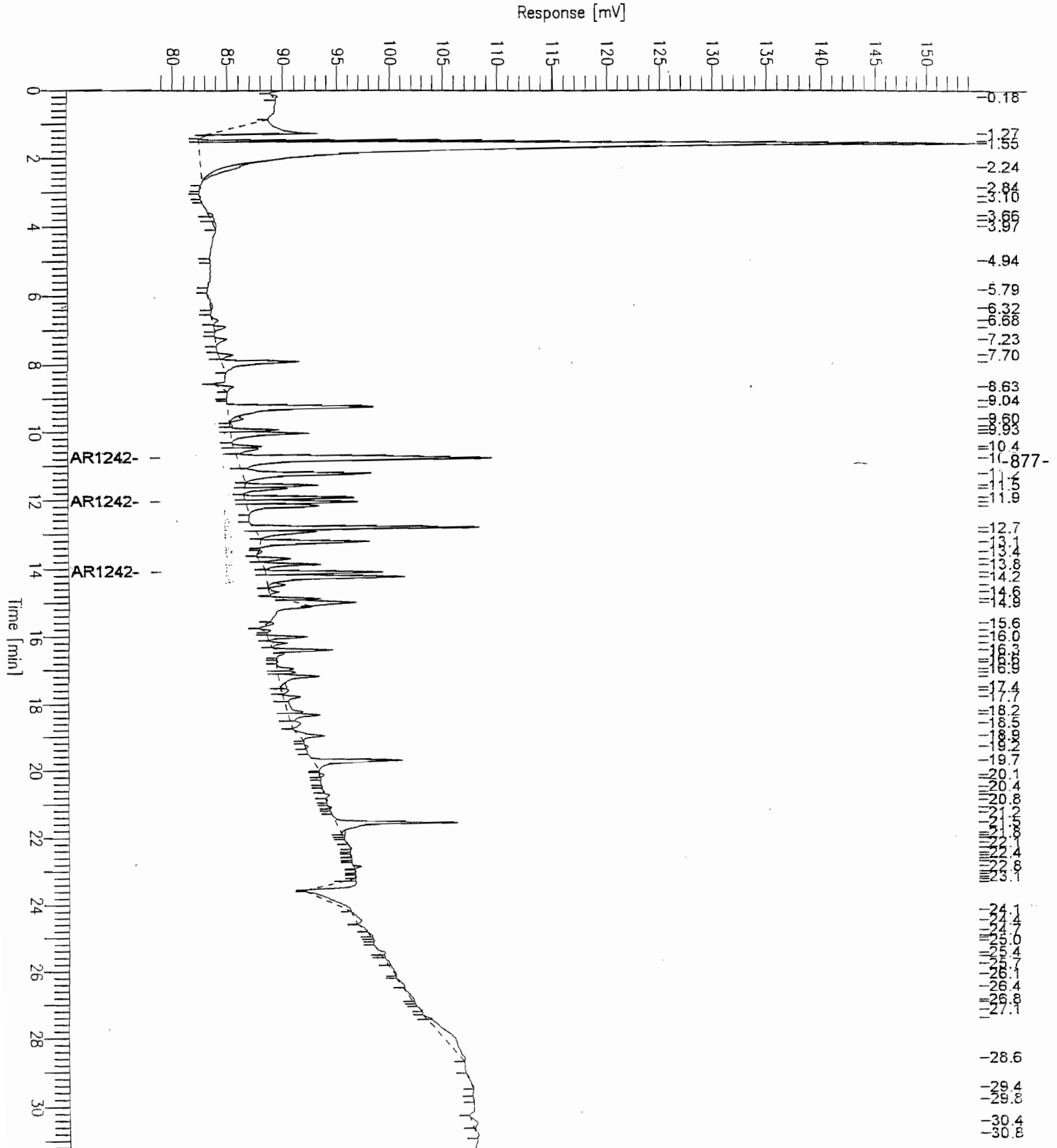
Report stored in ASCII file: C:\DATA65\I224026.TX0

Chromatogram - ECD#1

Sample Name : AR1242 100PPB
FileName : C:\DATA65\I224026.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 79 mV

Sample #: 26
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 07:49 AM
Low Point : 78.83 mV
Plot Scale: 76.0 mV
Page 1 of 1
High Point : 154.88 mV



Software Version: 4.1<2F12>

Sample Name : AR1242 250PPB

Time : 3/1/05 11:50 AM

Sample Number: 26

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/26

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:49 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224026.RAW

Result File : C:\DATA65\H224026.rst

Inst Method : PCB2CH from C:\DATA65\H224026.rst

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-878-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 108

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.759	139342		15.66	15.6555
2	1.019	10177		1.14	1.1434
3	1.066	39013		4.38	4.3832
4	2.953	11555		1.30	1.2982
5	3.671	292		0.03	0.0328
6	4.019	463		0.05	0.0520
7	4.851	1645		0.18	0.1848
8	5.031	160		0.02	0.0180
9	6.209	7839		0.88	0.8808

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.847	6113		0.69	0.6868
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
11	7.440	532		0.06	0.0598
12	7.590	1783		0.20	0.2003
13	7.830	9054		1.02	1.0172
14	8.107	11771		1.32	1.3225
15	8.419	59268		6.66	6.6590
16	8.899	10630		40.05	40.0507
17	9.361	925		3.49	3.4855
18	9.597	2108		7.94	7.9409
20	9.855	44248		166.72	166.7162
21	10.087	3825		14.41	14.4121
22	10.398	34436		129.75	129.7473
23	10.511	32871		123.85	123.8502
24	10.810	3787		10.82	10.8201
25	11.030	1025		2.93	2.9282
26	11.134	1670		4.77	4.7717
27	11.312	14855		42.44	42.4396
28	11.412	15294		43.69	43.6942
	11.721	218932	AR1242	243.50	243.5027
30	11.812	114656		327.56	327.5619
31	11.899	104598		298.83	298.8267
32	12.319	65165		186.17	186.1720
33	12.464	6758		19.31	19.3069
34	12.614	43133		123.23	123.2281
35	12.827	61064		174.45	174.4543
36	12.996	66339		189.53	189.5261
37	13.151	22341		63.83	63.8255
38	13.509	59002		208.01	208.0062
39	13.667	31254		110.18	110.1812
40	13.843	17102		60.29	60.2923
41	13.914	14187		50.01	50.0140
42	14.145	26794		94.46	94.4594
43	14.202	36462		128.54	128.5442
44	14.517	348		1.23	1.2257
45	14.688	2505		8.83	8.8317
46	14.806	1135		4.00	3.9999
47	14.989	3459		12.19	12.1927
48	15.136	50191		176.94	176.9437
50	15.384	72002		253.84	253.8351
51	15.578	7996		28.19	28.1902
52	15.865	48027		169.31	169.3148
53	16.045	48724		171.77	171.7715
54	16.220	15017		52.94	52.9406
55	16.507	2823		9.95	9.9506
56	16.708	11136		39.26	39.2591
57	17.029	16743		59.03	59.0257
58	17.208	9277		32.71	32.7061
59	17.389	26130		92.12	92.1185
60	17.723	8507		29.99	29.9899
61	17.881	3993		14.08	14.0765
62	18.067	5104		17.99	17.9920
63	18.205	1170		4.12	4.1249
64	18.388	1823		6.43	6.4277
65	18.591	35585		125.45	125.4504
66	18.893	10102		35.61	35.6139
67	19.144	12024		42.39	42.3906
68	19.525	14736		51.95	51.9495
69	19.623	37348		131.67	131.6664
70	19.961	2850		10.05	10.0477
71	20.140	11895		41.93	41.9345
72	20.274	3503		12.35	12.3496
73	20.566	384		1.35	1.3537
74	21.139	2554		9.00	9.0040
75	21.420	1420		5.00	5.0044
76	21.650	684		0.04	0.0406
77	21.726	230		0.01	0.0136
78	21.815	374		0.02	0.0222
79	21.964	494		0.03	0.0293
80	22.263	54646		3.24	3.2428
81	22.506	6391		0.38	0.3793
82	22.864	1809		0.11	0.1074
83	23.588	2365		0.14	0.1404
84	23.929	3287		0.20	0.1950
85	25.969	32103		1.91	1.9051
86	26.796	30196		1.79	1.7919
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
87	27.811	54961		3.26	3.2615
88	27.885	3148		0.18	0.1868

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	27.946	1976		0.12	0.1173
90	28.154	10818		0.64	0.6420
91	28.283	4952		0.29	0.2939
92	28.410	2898		0.17	0.1720
93	28.544	2166		0.13	0.1285
94	28.744	1464		0.09	0.0869
95	28.980	1550		0.09	0.0920
96	29.135	844		0.05	0.0501
97	29.249	943		0.06	0.0560
98	29.451	411		0.02	0.0244
99	29.662	1005		0.06	0.0596
00	29.901	612		0.04	0.0363
01	30.320	1742		0.10	0.1034
02	30.535	1673		0.10	0.0993
03	30.640	485		0.03	0.0288
04	31.232	1366		0.08	0.0811
05	31.409	1668		0.10	0.0990
06	31.577	308		0.02	0.0183
07	31.754	303		0.02	0.0180
08	31.963	797		0.05	0.0473
		2049648		4567.60	4567.6037

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
19	9.753	61127	AR1242-1	230.31	230.3119
29	11.721	87662	AR1242-2	250.44	250.4418
49	15.242	70143	AR1242-3	247.28	247.2824
		218932		728.04	728.0360

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=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

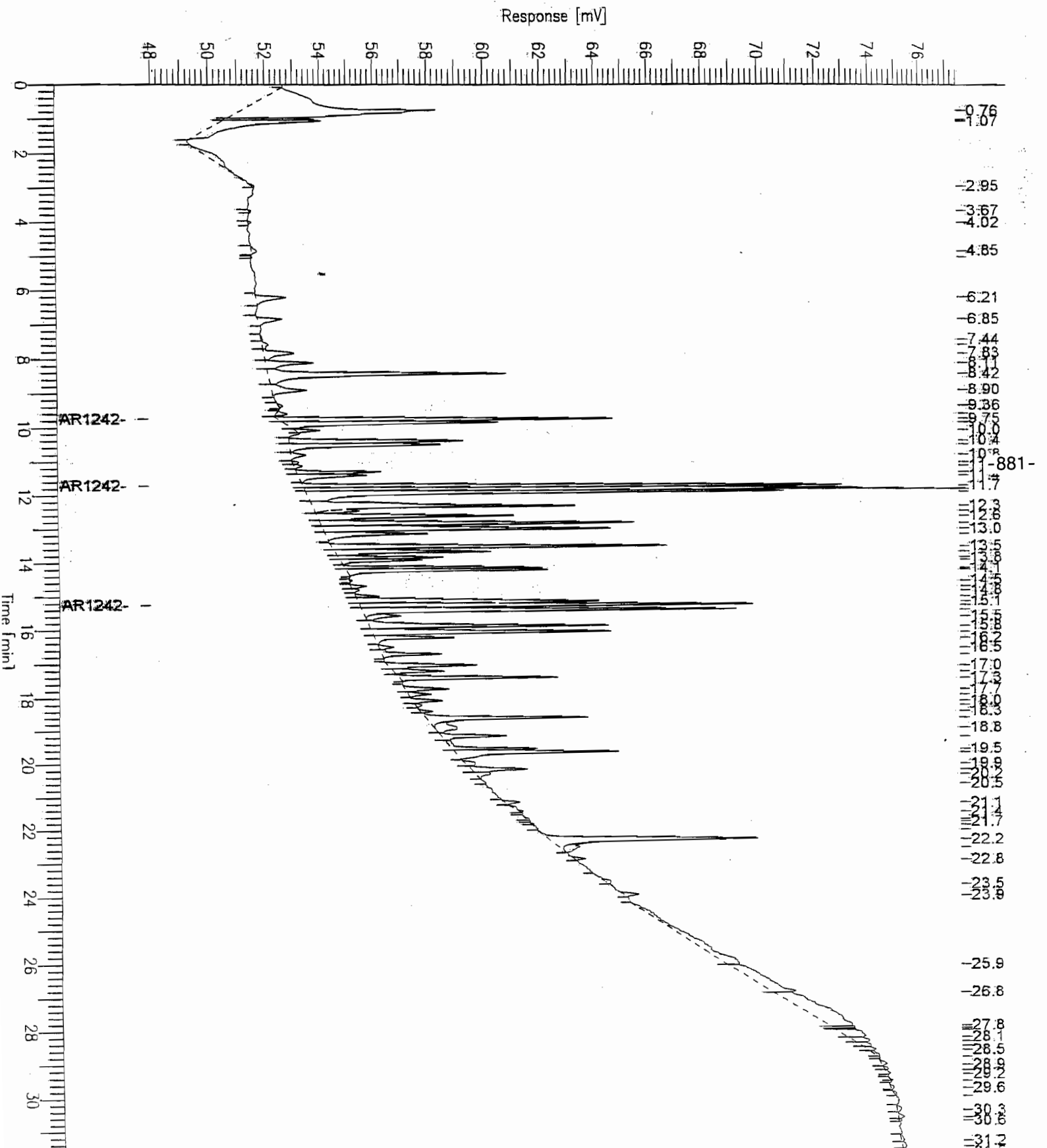
Report stored in ASCII file: C:\DATA65\H224026.TX0

Chromatogram - ECD#1

Sample Name: AR1242 250PPB
File Name: C:\DATA65\H224026.raw
Method: PCB2CH
Start Time: 0.00 min
Scale Factor: 1.0

End Time: 32.00 min
Plot Offset: 48 mV

Sample #: 26
Date: 3/1/05 11:50 AM
Time of Injection: 2/25/05 07:49 AM
Low Point: 47.88 mV
High Point: 77.43 mV
Plot Scale: 29.6 mV



Software Version: 4.1<2F12>

Sample Name : AR1242 250PPB

Time : 3/1/05 11:50 AM

Sample Number: 27

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/26

Interface Serial # : NONE Data Acquisition Time: 2/25/05 08:25 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224027.RAW

Result File : C:\DATA65\I224027.rst

Inst Method : PCB2CH from C:\DATA65\I224027.rst

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 117

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.179	2760		0.11	0.1137
2	0.373	2410		0.10	0.0993
3	1.271	31700		1.31	1.3062
4	1.360	23214		0.96	0.9566
5	1.437	7749		0.32	0.3193
6	1.544	11354		0.47	0.4678
7	1.907	5296		0.22	0.2182
8	2.057	6679		0.28	0.2752
9	2.201	11011		0.45	0.4537

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	2.853	1215		0.05	0.0501
11	3.099	666		0.03	0.0274
12	3.617	4397		0.18	0.1812
13	4.016	8159		0.34	0.3362
14	4.165	1454		0.06	0.0599
15	4.710	233		0.01	0.0096
16	4.939	952		0.04	0.0392
17	5.293	300		0.01	0.0124
18	5.537	654		0.03	0.0269
19	5.709	379		0.02	0.0156
20	5.806	203		0.01	0.0084
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
21	6.289	3064		0.13	0.1262
22	6.680	13080		0.54	0.5390
23	6.876	13772		0.57	0.5675
24	7.233	18671		0.77	0.7694
25	7.693	22708		0.94	0.9357
26	7.888	162454		6.69	6.6940
27	8.459	13514		0.56	0.5569
28	8.626	25623		13.92	13.9158
29	9.248	287853		156.33	156.3328
30	9.603	17712		9.62	9.6195
31	9.790	2216		1.20	1.2037
32	9.926	48227		26.19	26.1918
33	10.032	107811		58.55	58.5519
34	10.414	26975		14.65	14.6501
35	10.488	28486		15.47	15.4706
	10.760	703580	AR1242	249.30	249.3036
37	11.208	190807		103.63	103.6273
38	11.551	78791		165.72	165.7245
39	11.643	49071		103.21	103.2118
40	11.908	114746		241.35	241.3495
42	12.164	108825		228.90	228.8959
43	12.789	214727		451.64	451.6442
44	12.917	84857		178.48	178.4831
45	13.196	157583		311.76	311.7590
46	13.484	5479		10.84	10.8390
47	13.688	37008		73.22	73.2169
48	13.853	69951		138.39	138.3901
50	14.220	191611		379.08	379.0793
51	14.456	15483		30.63	30.6303
52	14.665	12911		25.54	25.5426
53	14.865	33603		66.48	66.4799
54	14.982	84093		166.37	166.3674
55	15.293	3312		6.55	6.5520
56	15.602	8052		15.93	15.9300
57	15.805	20239		40.04	40.0414
58	16.004	35908		71.04	71.0394
59	16.189	18953		37.50	37.4971
60	16.393	49813		98.55	98.5491
61	16.740	1977		3.91	3.9112
62	16.841	1290		2.55	2.5520
63	16.942	17601		34.82	34.8224
64	17.050	17921		35.45	35.4539
65	17.168	57153		113.07	113.0713
66	17.483	8797		17.40	17.4040
67	17.575	14879		29.44	29.4364
68	17.773	20085		39.73	39.7349
69	18.215	8961		17.73	17.7292
70	18.318	37259		73.71	73.7133
71	18.583	6726		13.31	13.3074
72	18.954	34122		67.51	67.5067
73	19.276	3311		6.55	6.5510
74	19.429	1407		2.78	2.7846
75	19.696	68607		135.73	135.7312
76	20.124	6297		0.21	0.2051
77	20.228	1207		0.04	0.0393
78	20.470	1103		0.04	0.0359
79	20.618	292		0.01	0.0095
80	20.719	3595		0.12	0.1171
81	21.094	3693		0.12	0.1203
83	21.548	81640		2.66	2.6590
84	22.232	721		0.02	0.0235
85	22.315	2628		0.09	0.0856
86	22.408	1158		0.04	0.0377
87	22.545	1326		0.04	0.0432
88	22.623	700		0.02	0.0228
89	22.698	378		0.01	0.0123
90	22.864	5780		0.19	0.1882

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	23.017	746		0.02	0.0243
92	23.178	634		0.02	0.0206
93	23.322	21015		0.68	0.6845
94	24.317	24992		0.81	0.8140
95	24.408	468		0.02	0.0153
96	24.482	1679		0.05	0.0547
97	24.785	1748		0.06	0.0569
98	25.097	2534		0.08	0.0825
99	25.175	228		0.01	0.0074
00	25.243	246		0.01	0.0080
01	25.449	4954		0.16	0.1614
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
02	26.172	4309		0.14	0.1404
03	26.411	1596		0.05	0.0520
04	26.494	435		0.01	0.0142
05	26.733	1910		0.06	0.0622
06	26.873	1157		0.04	0.0377
07	26.953	316		0.01	0.0103
08	27.115	375		0.01	0.0122
09	27.444	2289		0.07	0.0745
10	28.231	32526		1.06	1.0594
11	28.567	5771		0.19	0.1879
12	28.931	1499		0.05	0.0488
13	29.575	1945		0.06	0.0633
14	30.019	3431		0.11	0.1117
15	30.494	1903		0.06	0.0620
16	30.936	2602		0.08	0.0847
17	31.924	308		0.01	0.0100
		3734588		4106.53	4106.5255

Group Report For : AR1242

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
36	10.760	449701	AR1242-1	244.23	244.2325
41	12.040	126186	AR1242-2	265.41	265.4110
49	14.081	127693	AR1242-3	252.63	252.6260
		703580		762.27	762.2695

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I224027.TX0

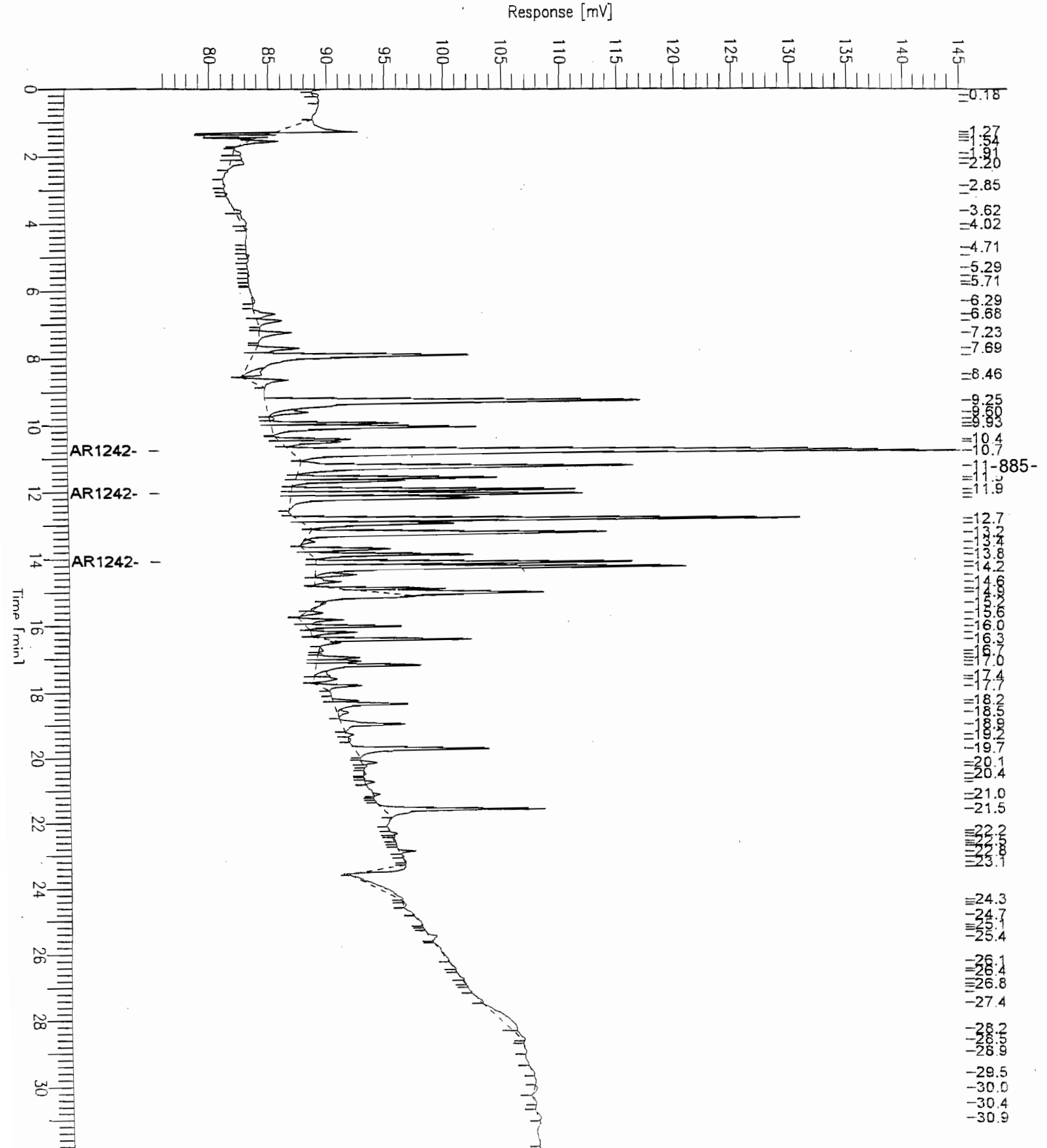
Chromatogram - ECD#1

Sample Name : ARL242 250PPB
File Name : C:\DATA65\I224027.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 75 mV

Sample #: 27
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 08:25 AM
Low Point : 75.45 mV
Plot Scale: 69.6 mV
High Point : 145.06 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1242 500PPB

Time : 3/1/05 11:50 AM

Sample Number: 27

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/27

Interface Serial # : NONE Data Acquisition Time: 2/25/05 08:25 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224027.RAW

Result File : C:\DATA65\H224027.rst

Inst Method : PCB2CH from C:\DATA65\H224027.rst

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 103

PCB REPORT

IP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	122838		13.80	13.8012
2	1.063	33638		3.78	3.7793
3	2.953	24156		2.71	2.7140
4	3.669	326		0.04	0.0367
5	4.014	548		0.06	0.0616
6	4.823	1327		0.15	0.1490
7	5.035	303		0.03	0.0341
8	6.211	7233		0.81	0.8126
9	6.848	11180		1.26	1.2561

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	7.597	834		0.09	0.0937
11	7.831	15514		1.74	1.7430
12	8.109	20900		2.35	2.3482
13	8.421	111213		12.50	12.4951
14	8.903	17791		67.03	67.0312
15	9.375	751		2.83	2.8309
16	9.607	1535		5.78	5.7833
18	9.856	85231		321.13	321.1293
19	10.091	6826		25.72	25.7202
20	10.402	65709		247.57	247.5724
21	10.514	66396		250.16	250.1629
22	10.812	4219		12.05	12.0544
23	11.031	1242		3.55	3.5482
24	11.316	28976		82.78	82.7815
25	11.415	25164		71.89	71.8907
	11.725	409592	AR1242	455.56	455.5603
27	11.815	226268		646.43	646.4303
28	11.902	199512		569.99	569.9883
29	12.324	109524		312.90	312.8996
30	12.468	6871		19.63	19.6300
31	12.617	29993		85.69	85.6885
32	12.831	104035		297.22	297.2185
33	12.999	119080		340.20	340.2018
34	13.154	39046		111.55	111.5505
35	13.513	116247		409.82	409.8153
36	13.670	61679		217.44	217.4439
37	13.847	35636		125.63	125.6295
38	13.916	29301		103.30	103.2965
39	14.151	54540		192.28	192.2754
40	14.203	77310		272.55	272.5487
41	14.518	1944		6.85	6.8516
42	14.694	5018		17.69	17.6899
43	14.810	2282		8.04	8.0444
44	14.994	6574		23.18	23.1777
45	15.139	98021		345.56	345.5624
47	15.387	145445		512.75	512.7515
48	15.585	13880		48.93	48.9328
49	15.867	93328		329.02	329.0165
50	16.047	97259		342.88	342.8757
51	16.224	33388		117.71	117.7072
52	16.510	6865		24.20	24.2030
53	16.605	1499		5.28	5.2839
54	16.711	21265		74.97	74.9677
55	17.031	31932		112.57	112.5718
56	17.210	17572		61.95	61.9491
57	17.392	53092		187.17	187.1707
58	17.725	16414		57.87	57.8667
59	17.884	8577		30.24	30.2366
60	18.069	10818		38.14	38.1376
61	18.202	2501		8.82	8.8165
62	18.391	3800		13.40	13.3972
63	18.593	59807		210.84	210.8431
64	18.926	10270		36.20	36.2041
65	19.146	20850		73.50	73.5043
66	19.527	26591		93.74	93.7441
67	19.623	35839		126.35	126.3461
68	19.963	3962		13.97	13.9662
69	20.140	21697		76.49	76.4890
70	20.282	4659		16.42	16.4234
71	20.548	1382		4.87	4.8706
72	20.761	879		3.10	3.0988
73	21.143	5402		19.04	19.0431
74	21.315	1817		6.41	6.4066
75	21.425	2049		7.22	7.2236
76	21.651	574		0.03	0.0340
77	21.815	137		0.01	0.0081
78	22.264	61726		3.66	3.6630
79	22.520	7279		0.43	0.4320
80	22.872	2651		0.16	0.1573
81	23.533	3682		0.22	0.2185
82	23.928	6476		0.38	0.3843
83	24.126	968		0.06	0.0574
84	26.607	9295		0.55	0.5516
85	26.793	1896		0.11	0.1125
86	27.636	13560		0.80	0.8047
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
87	27.991	4773		0.28	0.2833
88	28.133	422		0.03	0.0250

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	28.363	303		0.02	0.0180
90	28.584	298		0.02	0.0177
91	28.965	1451		0.09	0.0861
92	29.067	655		0.04	0.0389
93	29.251	1118		0.07	0.0664
94	29.395	169		0.01	0.0101
95	29.706	521		0.03	0.0309
96	29.974	1560		0.09	0.0926
97	30.054	552		0.03	0.0327
98	30.322	632		0.04	0.0375
99	30.546	1410		0.08	0.0837
00	30.722	348		0.02	0.0207
01	31.034	526		0.03	0.0312
02	31.520	1138		0.07	0.0675
03	31.838	259		0.02	0.0153
		3263539		8352.76	8352.7614

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
17	9.755	114867	AR1242-1	432.79	432.7898
26	11.725	156995	AR1242-2	448.52	448.5232
46	15.245	137729	AR1242-3	485.55	485.5498
		409592		1366.86	1366.8628

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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Report stored in ASCII file: C:\DATA65\H224027.TX0

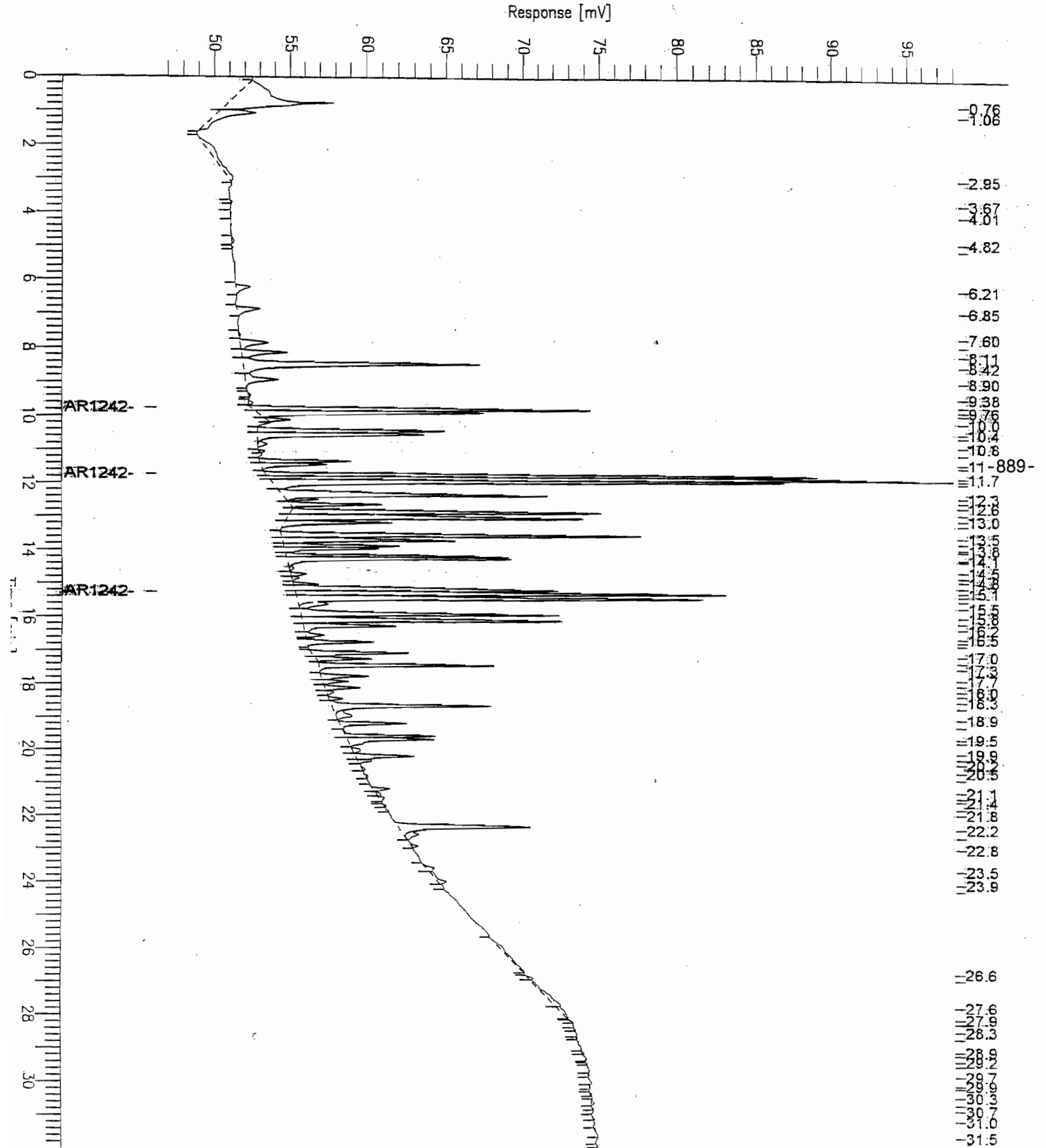
Chromatogram - ECD#1

Sample Name : AR1242 500PPB
File Name : C:\DATA65\H224027.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 46 mV

Sample #: 27
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 08:25 AM
Low Point : 46.36 mV
Plot Scale: 52.0 mV
High Point : 98.40 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1242 500PPB

Time : 3/1/05 11:50 AM

Sample Number: 28

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/27

Interface Serial # : NONE Data Acquisition Time: 2/25/05 09:01 AM

Delay Time : 0.00 min.

Hold Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224028.RAW

Result File : C:\DATA65\I224028.rst

Inst Method : PCB2CH from C:\DATA65\I224028.rst

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-890-

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 109

PCB REPORT

=====
P-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.194	5017		0.21	0.2067
2	1.271	88944		3.66	3.6650
3	1.360	3561		0.15	0.1467
4	1.495	4467		0.18	0.1841
5	1.552	10046		0.41	0.4140
6	1.899	2074		0.09	0.0854
7	2.205	2436		0.10	0.1004
8	2.882	1259		0.05	0.0519
9	3.110	510		0.02	0.0210

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	3.637	3867		0.16	0.1593
11	3.796	2189		0.09	0.0902
12	4.024	2576		0.11	0.1061
13	4.158	350		0.01	0.0144
14	4.714	432		0.02	0.0178
15	4.796	144		0.01	0.0059
16	4.941	1427		0.06	0.0588
17	5.534	554		0.02	0.0228
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
18	6.326	4790		0.20	0.1974
19	6.600	2754		0.11	0.1135
20	6.681	22037		0.91	0.9080
21	6.877	15819		0.65	0.6519
22	7.234	35655		1.47	1.4692
23	7.696	41249		1.70	1.6997
24	7.890	309297		12.74	12.7448
25	8.626	42586		23.13	23.1283
26	9.253	467453		253.87	253.8736
27	9.606	13038		7.08	7.0809
28	9.930	90008		48.88	48.8832
29	10.034	210395		114.27	114.2655
30	10.416	48349		26.26	26.2581
31	10.490	53854		29.25	29.2481
	10.762	1339217	AR1242	474.53	474.5324
33	11.211	360567		195.82	195.8239
34	11.553	149795		315.07	315.0688
35	11.646	98409		206.99	206.9881
36	11.910	213183		448.40	448.3964
38	12.166	212402		446.75	446.7534
39	12.793	343574		722.65	722.6528
40	12.920	165816		348.77	348.7663
41	13.200	308390		610.11	610.1124
42	13.483	10192		20.16	20.1642
43	13.691	71283		141.02	141.0247
44	13.858	133393		263.90	263.9023
46	14.223	367901		727.85	727.8489
47	14.459	30616		60.57	60.5694
48	14.668	25748		50.94	50.9391
49	14.869	62781		124.20	124.2045
50	14.986	161699		319.90	319.9017
51	15.302	1540		3.05	3.0467
52	15.607	10395		20.56	20.5649
53	15.809	46754		92.50	92.4963
54	16.009	67684		133.90	133.9046
55	16.194	36803		72.81	72.8096
56	16.398	141434		279.81	279.8102
57	16.741	8250		16.32	16.3226
58	16.847	5161		10.21	10.2103
59	16.947	36013		71.25	71.2481
60	17.053	35926		71.07	71.0744
61	17.172	110928		219.46	219.4573
62	17.485	12239		24.21	24.2124
63	17.579	21936		43.40	43.3985
64	17.776	35911		71.05	71.0466
65	18.221	16521		32.68	32.6843
66	18.323	68853		136.22	136.2170
67	18.583	10072		19.93	19.9270
68	18.749	1300		2.57	2.5722
69	18.959	63041		124.72	124.7192
70	19.279	7568		14.97	14.9731
71	19.444	2643		5.23	5.2298
72	19.702	71821		142.09	142.0891
73	20.129	14091		0.46	0.4589
74	20.226	4073		0.13	0.1327
75	20.477	1775		0.06	0.0578
76	20.637	460		0.01	0.0150
77	20.722	6216		0.20	0.2025
78	20.857	626		0.02	0.0204
79	21.002	704		0.02	0.0229
80	21.097	5263		0.17	0.1714
81	21.324	383		0.01	0.0125
82	21.552	90273		2.94	2.9402
83	22.003	246		0.01	0.0080
84	22.171	1056		0.03	0.0344
85	22.314	3357		0.11	0.1093
86	22.469	133		0.00	0.0043
87	22.708	2217		0.07	0.0722
88	22.869	5399		0.18	0.1758
89	23.012	454		0.01	0.0148

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	23.174	1898		0.06	0.0618
91	23.237	674		0.02	0.0220
92	23.332	435		0.01	0.0142
93	24.488	73996		2.41	2.4101
94	25.322	28447		0.93	0.9265
95	25.450	2766		0.09	0.0901
96	25.709	256		0.01	0.0083
97	25.780	251		0.01	0.0082
98	26.096	2232		0.07	0.0727
00	26.165	0	Decachlorobiphenyl	0.00	0.0000
99	26.169	478		0.02	0.0156
00	26.556	1398		0.05	0.0455
01	28.589	69471		2.26	2.2627
02	29.184	15619		0.51	0.5087
03	29.731	1446		0.05	0.0471
04	30.173	3703		0.12	0.1206
05	30.507	1469		0.05	0.0478
06	30.863	3516		0.11	0.1145
07	31.138	2504		0.08	0.0815
08	31.423	211		0.01	0.0069
09	31.646	883		0.03	0.0288
		6703272		7622.88	7622.8828

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
32	10.762	858174	AR1242-1	466.07	466.0740
37	12.043	238964	AR1242-2	502.62	502.6227
45	14.084	242078	AR1242-3	478.92	478.9228
		1339217		1447.62	1447.6196

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 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

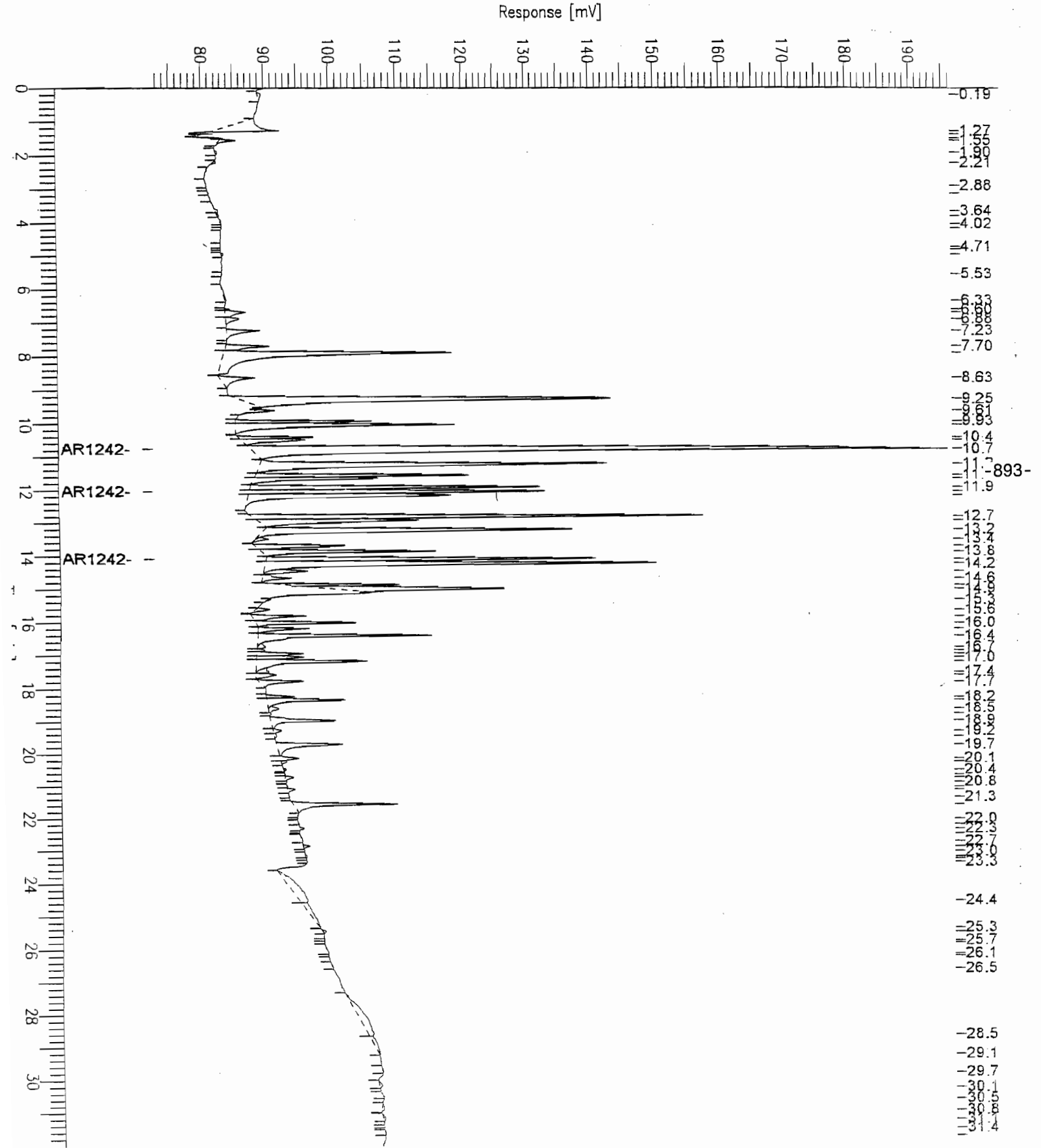
Report stored in ASCII file: C:\DATA65\I224028.TXT

Chromatogram - ECD#1

Sample Name : AR1242 500PPB
File Name : C:\DATA65\I224028.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 72 mV

Sample #: 28
Date : 3/1/05 11:50 AM
Time of Injection: 2/25/05 09:01 AM
Low Point : 72.37 mV
High Point : 196.39 mV
Plot Scale: 124.0 mV



Software Version: 4.1<2F12>

Sample Name : AR1242 1000PPB

Time : 3/1/05 11:50 AM

Sample Number: 28

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/28

Interface Serial # : NONE Data Acquisition Time: 2/25/05 09:01 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224028.RAW

Result File : C:\DATA65\H224028.rst

Inst Method : PCB2CH from C:\DATA65\H224028.rst

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 108

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.820	144330		16.22	16.2159
2	1.010	93259		10.48	10.4780
3	1.067	476550		53.54	53.5418
4	2.332	3798		0.43	0.4268
5	2.962	3929		0.44	0.4415
6	4.015	431		0.05	0.0484
7	4.818	911		0.10	0.1024
8	5.032	1270		0.14	0.1426
9	5.754	677		0.08	0.0760

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	6.204	2161		0.24	0.2428
11	6.845	23669		2.66	2.6592
12	7.138	336	0 Tetrachloro-m-xylene	0.00	0.0000
13	7.444	336		0.04	0.0378
14	7.828	29673		3.33	3.3338
15	8.106	38501		4.33	4.3258
16	8.420	211573		23.77	23.7709
17	8.902	24674		92.97	92.9661
18	9.310	293		1.10	1.1043
19	9.857	186475		702.59	702.5903
20	10.090	26931		101.47	101.4703
21	10.192	12187		45.92	45.9171
22	10.400	143104		539.18	539.1782
23	10.513	138746		522.76	522.7601
24	10.814	5949		17.00	16.9956
25	11.032	5637		16.10	16.1034
26	11.313	61920		176.90	176.9007
27	11.415	49056		140.15	140.1503
28	11.722	845069	AR1242	939.91	939.9101
29	11.814	467174		1334.68	1334.6780
30	11.901	419133		1197.43	1197.4290
31	12.321	260364		743.84	743.8378
32	12.465	27893		79.69	79.6867
33	12.612	21158		60.45	60.4457
34	12.830	228558		652.97	652.9703
35	12.998	261028		745.74	745.7365
36	13.152	94702		270.55	270.5549
37	13.511	241116		850.03	850.0282
38	13.669	129851		457.77	457.7745
39	13.846	73923		260.61	260.6073
40	13.916	64767		228.33	228.3277
41	14.148	124980		440.60	440.6032
42	14.202	156118		550.38	550.3761
43	14.518	6717		23.68	23.6816
44	14.691	12210		43.04	43.0438
45	14.805	6204		21.87	21.8719
46	14.991	14968		52.77	52.7688
47	15.139	202048		712.30	712.3000
48	15.387	303046		1068.35	1068.3549
49	15.611	20252		71.40	71.3970
50	15.867	192365		678.16	678.1620
51	16.048	200889		708.21	708.2132
52	16.223	68910		242.93	242.9340
53	16.509	14103		49.72	49.7188
54	16.608	3646		12.85	12.8528
55	16.710	45241		159.49	159.4907
56	17.030	65578		231.19	231.1888
57	17.209	36452		128.51	128.5065
58	17.391	109497		386.02	386.0205
59	17.725	33101		116.69	116.6927
60	17.883	18121		63.88	63.8639
61	18.068	22391		78.94	78.9385
62	18.203	5526		19.48	19.4821
63	18.392	8910		31.41	31.4113
64	18.592	110483		389.50	389.4957
65	18.924	16610		58.56	58.5553
66	19.146	41712		147.05	147.0506
67	19.395	1174		4.14	4.1389
68	19.526	75150		264.93	264.9323
69	19.773	3639		12.83	12.8279
70	19.972	7291		25.70	25.7021
71	20.140	45932		161.93	161.9270
72	20.285	10162		35.82	35.8239
73	20.540	2627		9.26	9.2629
74	20.747	1719		6.06	6.0593
75	21.143	11432		40.30	40.3019
76	21.305	2350		8.29	8.2863
77	21.421	3321		11.71	11.7079
78	21.653	1884		0.11	0.1118
79	21.810	774		0.05	0.0459
80	22.258	38957		2.31	2.3118
81	22.522	9395		0.56	0.5575
82	22.877	1274		0.08	0.0756
83	23.531	4871		0.29	0.2891
84	23.966	5383		0.32	0.3195
85	24.123	1302		0.08	0.0772
86	27.722	71360		4.23	4.2347
87	27.786	0	0 Decachlorobiphenyl	0.00	0.0000
88	27.847	4466		0.27	0.2650

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	28.101	6086		0.36	0.3612
90	28.252	3770		0.22	0.2237
91	28.463	2083		0.12	0.1236
92	28.606	267		0.02	0.0159
93	28.808	648		0.04	0.0384
94	28.875	170		0.01	0.0101
95	29.229	854		0.05	0.0507
96	29.504	620		0.04	0.0368
97	29.614	389		0.02	0.0231
98	29.874	827		0.05	0.0491
99	30.031	463		0.03	0.0275
.00	30.311	307		0.02	0.0182
.01	30.558	801		0.05	0.0475
.02	30.726	405		0.02	0.0240
.03	30.820	333		0.02	0.0197
.04	30.902	165		0.01	0.0098
.05	31.154	271		0.02	0.0161
.06	31.322	282		0.02	0.0168
.07	31.548	206		0.01	0.0122
.08	31.893	160		0.01	0.0095
		6984423		17371.35	17371.3543

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	9.753	235068	AR1242-1	885.67	885.6735
28	11.722	328078	AR1242-2	937.29	937.2906
48	15.244	281923	AR1242-3	993.89	993.8907
		845069		2816.85	2816.8547

-896-

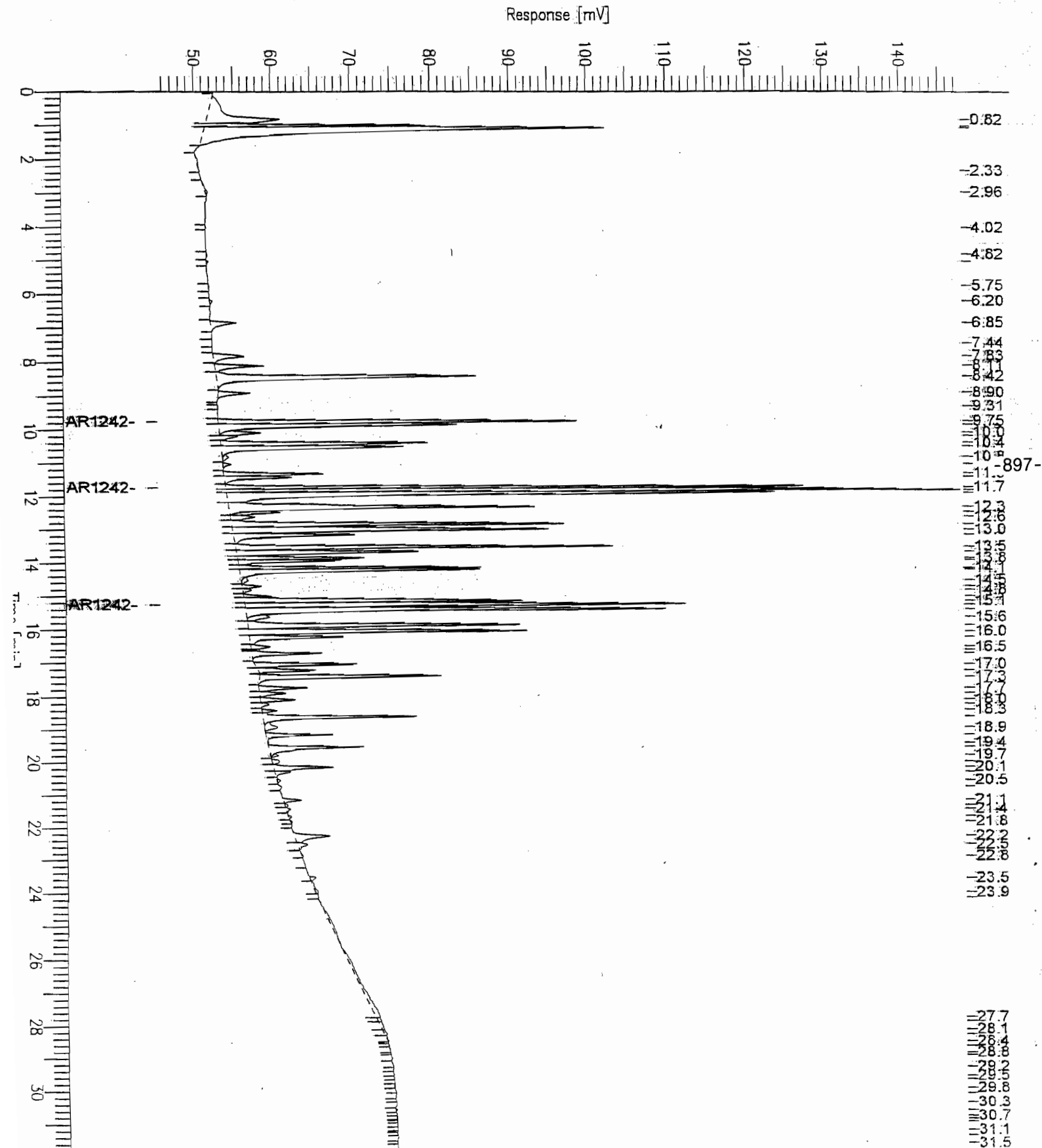
INSTR. 65 : DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224028.TX0

Chromatogram - ECD#1

Sample Name : AR1242 1000PPB
 File Name : C:\DATA65\H224028.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

Sample #: 28
 Date : 3/1/05 11:50 AM
 Time of Injection: 2/25/05 09:01 AM
 Low Point : 45.27 mV
 Plot Scale: 102.6 mV
 High Point : 147.90 mV



Software Version: 4.1<2F12>

Sample Name : AR1242 1000PPB

Time : 3/1/05 11:51 AM

Sample Number: 29

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/28

Interface Serial # : NONE Data Acquisition Time: 2/25/05 09:38 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224029.RAW

Result File : C:\DATA65\I224029.rst

Inst Method : PCB2CH from C:\DATA65\I224029.rst

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-898-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 114

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.367	7569		0.31	0.3119
2	1.275	196959		8.12	8.1158
3	1.340	2134		0.09	0.0879
4	1.491	102100		4.21	4.2071
5	1.550	775608		31.96	31.9594
6	2.253	7180		0.30	0.2959
7	3.088	860		0.04	0.0354
8	3.328	378		0.02	0.0156
9	3.501	520		0.02	0.0214

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.792	3428		0.14	0.1413
11	3.965	296		0.01	0.0122
12	4.169	605		0.02	0.0249
13	4.336	237		0.01	0.0098
14	4.947	4726		0.19	0.1947
15	6.023	1139		0.05	0.0469
16	6.137	1205		0.05	0.0497
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
17	6.604	5694		0.23	0.2346
18	6.686	45542		1.88	1.8766
19	6.873	10048		0.41	0.4140
20	7.240	77944		3.21	3.2117
21	7.700	81834		3.37	3.3720
22	7.894	515924		21.26	21.2590
23	8.629	63374		34.42	34.4181
24	9.254	1022244		555.18	555.1805
25	9.537	22184		12.05	12.0481
26	9.610	73586		39.96	39.9646
27	9.933	193400		105.04	105.0352
28	10.037	420455		228.35	228.3491
29	10.420	106225		57.69	57.6906
30	10.494	112099		60.88	60.8808
	10.765	2690311	AR1242	953.27	953.2732
32	11.212	724582		393.52	393.5202
33	11.555	340132		715.41	715.4124
34	11.648	179442		377.43	377.4279
35	11.911	415709		874.38	874.3753
37	12.168	411378		865.27	865.2657
38	12.670	1379		2.90	2.8995
39	12.795	577143		1213.93	1213.9261
40	12.923	331064		696.34	696.3380
41	13.201	630368		1247.11	1247.1086
42	13.485	22151		43.82	43.8228
43	13.693	151632		299.99	299.9868
44	13.857	288734		571.23	571.2269
46	14.223	728653		1441.55	1441.5531
47	14.461	63891		126.40	126.4016
48	14.586	13136		25.99	25.9875
49	14.668	44605		88.25	88.2465
50	14.869	172708		341.68	341.6826
51	14.985	631604		1249.55	1249.5536
52	15.115	165388		327.20	327.2004
53	15.305	23003		45.51	45.5078
54	15.607	25038		49.54	49.5350
55	15.808	111747		221.08	221.0781
56	16.010	141914		280.76	280.7604
57	16.194	79771		157.82	157.8175
58	16.399	203385		402.37	402.3723
59	16.744	6640		13.14	13.1372
60	16.845	4883		9.66	9.6608
61	16.948	65231		129.05	129.0522
62	17.053	59427		117.57	117.5695
63	17.172	192923		381.68	381.6751
64	17.483	8095		16.02	16.0154
65	17.579	23882		47.25	47.2469
66	17.777	60852		120.39	120.3893
67	18.221	34585		68.42	68.4214
68	18.323	149295		295.36	295.3626
69	18.583	16087		31.83	31.8253
70	18.750	4862		9.62	9.6183
71	18.960	123803		244.93	244.9302
72	19.282	13234		26.18	26.1812
73	19.442	3246		6.42	6.4216
74	19.584	271		0.54	0.5358
75	19.705	11556		22.86	22.8620
76	20.130	26985		0.88	0.8789
77	20.231	7639		0.25	0.2488
78	20.474	3703		0.12	0.1206
79	20.722	16118		0.52	0.5250
80	20.856	2322		0.08	0.0756
81	20.998	2130		0.07	0.0694
82	21.097	11115		0.36	0.3620
83	21.324	400		0.01	0.0130
84	21.554	29769		0.97	0.9696
85	21.866	459		0.01	0.0149
86	21.933	816		0.03	0.0266
87	22.315	12539		0.41	0.4084
88	22.479	517		0.02	0.0169
89	22.695	1394		0.05	0.0454

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	22.868	1559		0.05	0.0508
91	23.010	2321		0.08	0.0756
92	23.164	11931		0.39	0.3886
93	23.247	9599		0.31	0.3126
94	23.322	10096		0.33	0.3288
95	23.389	30473		0.99	0.9925
96	24.331	27258		0.89	0.8878
97	24.544	2213		0.07	0.0721
98	25.017	3058		0.10	0.0996
99	25.322	1396		0.05	0.0455
00	25.465	1772		0.06	0.0577
01	25.559	766		0.02	0.0250
02	25.637	557		0.02	0.0182
03	25.714	413		0.01	0.0135
04	26.097	1863		0.06	0.0607
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
05	26.170	331		0.01	0.0108
06	26.969	3050		0.10	0.0993
07	27.046	405		0.01	0.0132
08	27.194	444		0.01	0.0145
09	27.462	1272		0.04	0.0414
10	29.124	62116		2.02	2.0231
11	29.819	1306		0.04	0.0425
12	30.130	2930		0.10	0.0954
13	30.777	4741		0.15	0.1544
14	31.144	418		0.01	0.0136
		14101430		15732.36	15732.3616

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	10.765	1725433	AR1242-1	937.08	937.0820
36	12.044	456582	AR1242-2	960.35	960.3455
45	14.083	508295	AR1242-3	1005.60	1005.6019
		2690311		2903.03	2903.0294

-900-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224029.TX0

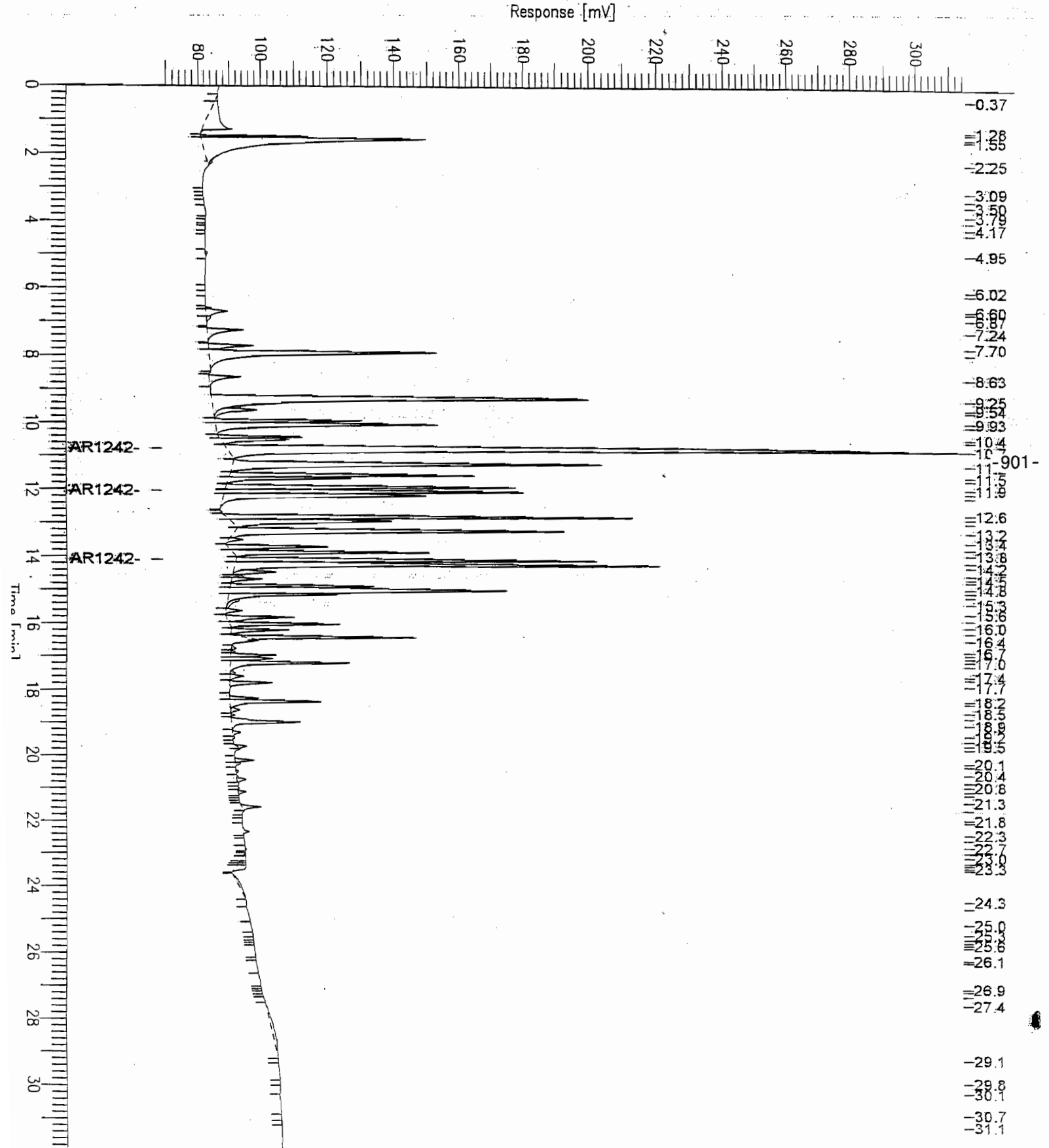
Chromatogram - ECD#1

Sample Name : AR1242 1000PPB
FileName : C:\DATA65\I224029.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 69 mV

Sample #: 29
Date: 3/1/05 11:51 AM
Time of Injection: 2/25/05 09:38 AM
Low Point: 69.16 mV
Plot Scale: 246.1 mV
High Point: 315.27 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 29

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/29

Interface Serial # : NONE Data Acquisition Time: 2/25/05 09:38 AM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224029.RAW

Result File : C:\DATA65\H224029.rst

Inst Method : PCB2CH from C:\DATA65\H224029.rst

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-902-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 55

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.758	117167		13.16	13.1641
2	1.068	541472		60.84	60.8360
3	2.721	6341		0.71	0.7124
4	4.023	220		0.02	0.0247
5	4.658	825		0.09	0.0927
6	6.202	1885		0.21	0.2118
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
7	8.422	306		0.03	0.0344
8	8.220	620		0.34	0.3363

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.897	1596		6.01	6.0120
10	11.170	1122		3.20	3.2048
11	11.408	1109		3.17	3.1688
-	11.722	0	AR1242	0.00	0.0000
12	11.811	903		2.58	2.5806
13	12.316	914		2.61	2.6126
14	12.622	871		2.49	2.4876
15	13.008	184		0.53	0.5255
16	13.511	405		1.43	1.4295
17	14.899	3854		13.59	13.5874
18	15.051	227		0.80	0.7986
19	15.396	668		2.35	2.3541
20	15.866	2721		9.59	9.5910
21	16.060	1154		4.07	4.0672
22	18.385	6677		23.54	23.5402
23	18.636	9592		33.81	33.8142
24	19.619	6575		23.18	23.1789
25	19.786	3108		10.96	10.9586
26	20.093	8889		31.34	31.3363
27	21.803	1652		0.10	0.0980
28	22.263	8481		0.50	0.5033
29	22.578	946		0.06	0.0561
30	23.967	8452		0.50	0.5016
31	24.117	830		0.05	0.0493
32	25.982	11884		0.71	0.7052
33	27.415	24679		1.46	1.4645
34	27.586	5235		0.31	0.3106
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
35	27.869	9584		0.57	0.5687
36	28.013	6098		0.36	0.3619
37	28.215	6953		0.41	0.4126
38	28.327	2410		0.14	0.1430
39	28.530	2405		0.14	0.1427
40	28.814	438		0.03	0.0260
41	28.880	330		0.02	0.0196
42	29.024	275		0.02	0.0163
43	29.228	606		0.04	0.0360
44	29.479	231		0.01	0.0137
45	29.783	2807		0.17	0.1666
46	29.967	1997		0.12	0.1185
47	30.172	274		0.02	0.0163
48	30.293	800		0.05	0.0475
49	30.561	526		0.03	0.0312
50	30.803	588		0.03	0.0349
51	31.086	500		0.03	0.0297
52	31.334	489		0.03	0.0290
53	31.502	556		0.03	0.0330
54	31.677	232		0.01	0.0138
55	31.879	223		0.01	0.0133
		819887		258.62	258.6232

-903-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	9.756	0	AR1242-1	0.00	0.0000
0	11.723	0	AR1242-2	0.00	0.0000
0	15.244	0	AR1242-3	0.00	0.0000
		0		0.00	0.0000

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Chromatogram - ECD#1

Sample Name : HEXANE

Sample #: 29

Page 1 of 1

File Name : C:\DATA65\H224029.raw

Date : 3/1/05 11:50 AM

Method : PCB2CH

Time of Injection: 2/25/05 09:38 AM

Start Time : 0.00 min

End Time : 32.00 min

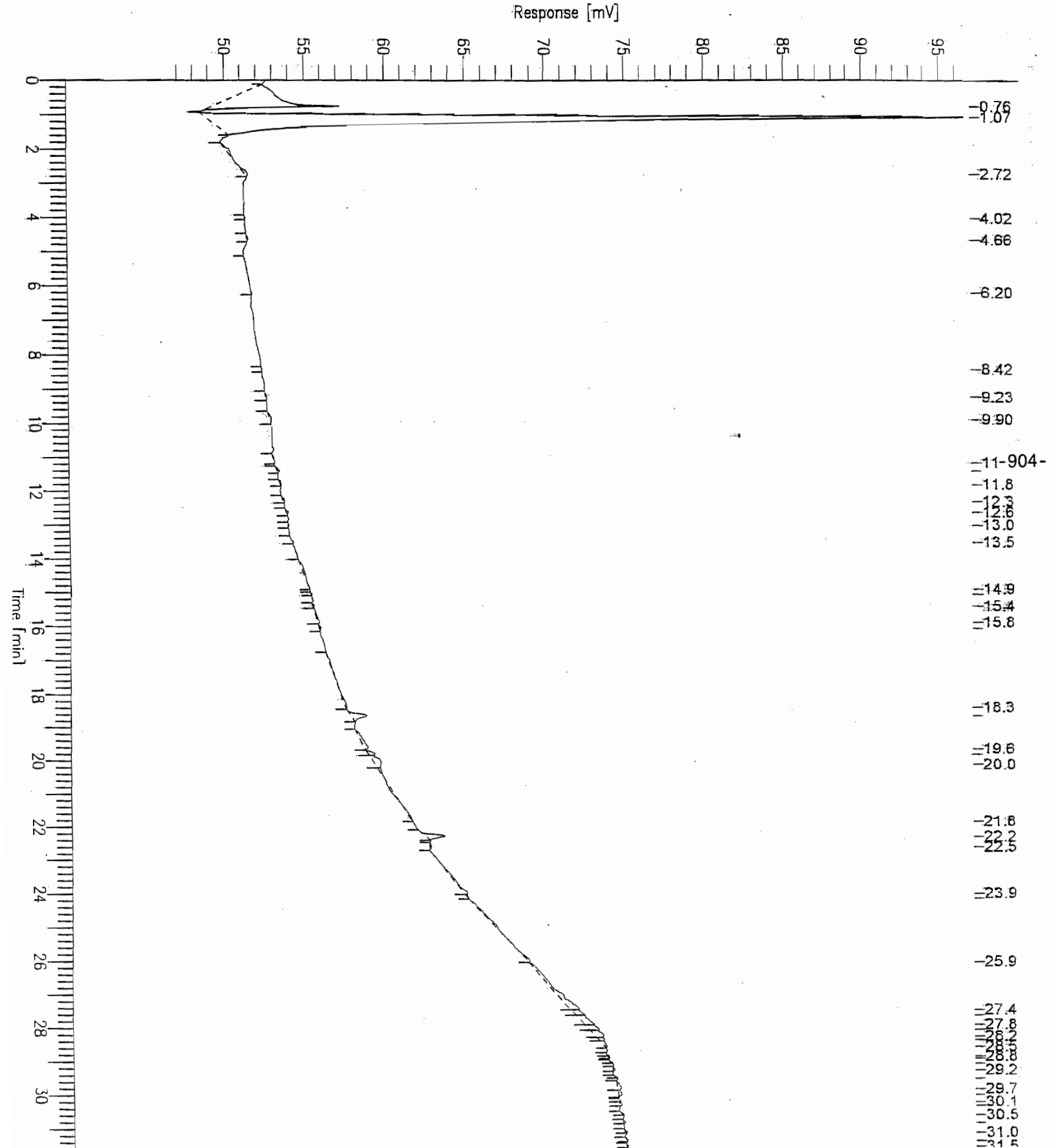
Low Point : 46.02 mV

High Point : 96.96 mV

Scale Factor: 1.0

Plot Offset: 46 mV

Plot Scale: 50.9 mV



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:51 AM

Sample Number: 30

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/29

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:14 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224030.RAW

Result File : C:\DATA65\I224030.rst

Inst Method : PCB2CH from C:\DATA65\I224030.rst

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-905-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 90

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.254	2306		0.10	0.0950
2	1.275	127868		5.27	5.2689
3	1.497	104850		4.32	4.3204
4	1.557	855150		35.24	35.2370
5	2.251	6538		0.27	0.2694
6	2.907	766		0.03	0.0315
7	3.314	1242		0.05	0.0512
8	3.970	1929		0.08	0.0795
9	4.729	160		0.01	0.0066

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	5.017	174		0.01	0.0072
11	5.159	396		0.02	0.0163
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
12	6.344	2922		0.12	0.1204
13	6.717	170		0.01	0.0070
14	6.892	818		0.03	0.0337
15	7.284	135		0.01	0.0056
17	8.744	422		0.23	0.2293
18	8.962	152		0.08	0.0824
19	9.348	514		0.28	0.2791
20	9.545	1169		0.64	0.6350
21	10.060	500		0.27	0.2715
22	10.343	310		0.17	0.1683
23	10.575	124		0.07	0.0674
-	10.765	0	AR1242	0.00	0.0000
24	10.879	108		0.06	0.0584
25	11.029	116		0.06	0.0631
26	11.253	1117		0.61	0.6066
27	11.469	336		0.71	0.7060
28	11.660	341		0.72	0.7179
29	12.503	1171		2.46	2.4640
30	12.791	2105		4.43	4.4282
31	13.124	1664		3.29	3.2916
32	13.351	113		0.22	0.2237
33	13.658	950		1.88	1.8802
34	14.257	1809		3.58	3.5786
35	14.474	2021		4.00	3.9983
36	15.003	4772		9.44	9.4412
37	16.022	15878		31.41	31.4124
38	16.287	220		0.44	0.4352
39	16.756	5381		10.65	10.6454
40	17.289	31976		63.26	63.2599
41	17.599	31483		62.28	62.2850
42	18.640	85379		168.91	168.9114
43	19.317	19425		38.43	38.4303
44	19.705	2280		4.51	4.5111
45	19.937	1061		2.10	2.0990
46	20.179	1939		0.06	0.0632
47	20.558	2743		0.09	0.0893
48	20.623	613		0.02	0.0200
49	20.775	880		0.03	0.0287
50	20.946	454		0.01	0.0148
51	21.087	503		0.02	0.0164
52	21.179	179		0.01	0.0058
53	21.325	512		0.02	0.0167
54	21.552	19421		0.63	0.6326
55	21.860	296		0.01	0.0097
56	21.937	380		0.01	0.0124
57	22.017	410		0.01	0.0134
58	22.165	1061		0.03	0.0345
59	22.247	280		0.01	0.0091
60	22.394	893		0.03	0.0291
61	22.554	571		0.02	0.0186
62	22.707	1143		0.04	0.0372
63	22.865	1808		0.06	0.0589
64	23.014	1191		0.04	0.0388
65	23.167	293		0.01	0.0095
66	23.236	222		0.01	0.0072
67	23.319	253		0.01	0.0082
68	24.334	73157		2.38	2.3828
69	24.550	31066		1.01	1.0118
70	24.784	27761		0.90	0.9042
71	25.023	29354		0.96	0.9561
72	25.097	7051		0.23	0.2297
73	25.250	16178		0.53	0.5269
74	25.479	21095		0.69	0.6871
75	25.573	6851		0.22	0.2231
76	26.098	41163		1.34	1.3407
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
77	26.270	9885		0.32	0.3219
78	26.408	7528		0.25	0.2452
79	26.493	3917		0.13	0.1276
80	26.880	13615		0.44	0.4435
81	27.046	5743		0.19	0.1870
82	27.190	4187		0.14	0.1364
83	27.411	5955		0.19	0.1939
84	28.649	70324		2.29	2.2905
85	28.840	2911		0.09	0.0948
86	29.192	890		0.03	0.0290

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
7	29.896	131		0.00	0.0043
8	30.096	4128		0.13	0.1344
9	30.930	5262		0.17	0.1714
0	31.570	1581		0.05	0.0515
		1744095		474.60	474.5977

Group Report For : AR1242

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	10.761	0	AR1242-1	0.00	0.0000
0	12.042	0	AR1242-2	0.00	0.0000
0	14.081	0	AR1242-3	0.00	0.0000
		0		0.00	0.0000

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I224030.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

Sample #: 30

Page 1 of 1

FileName : C:\DATA65\I224030.raw

Date : 3/1/05 11:51 AM

Method : PCB2CH

Time of Injection: 2/25/05 10:14 AM

Start Time : 0.00 min

End Time : 32.00 min

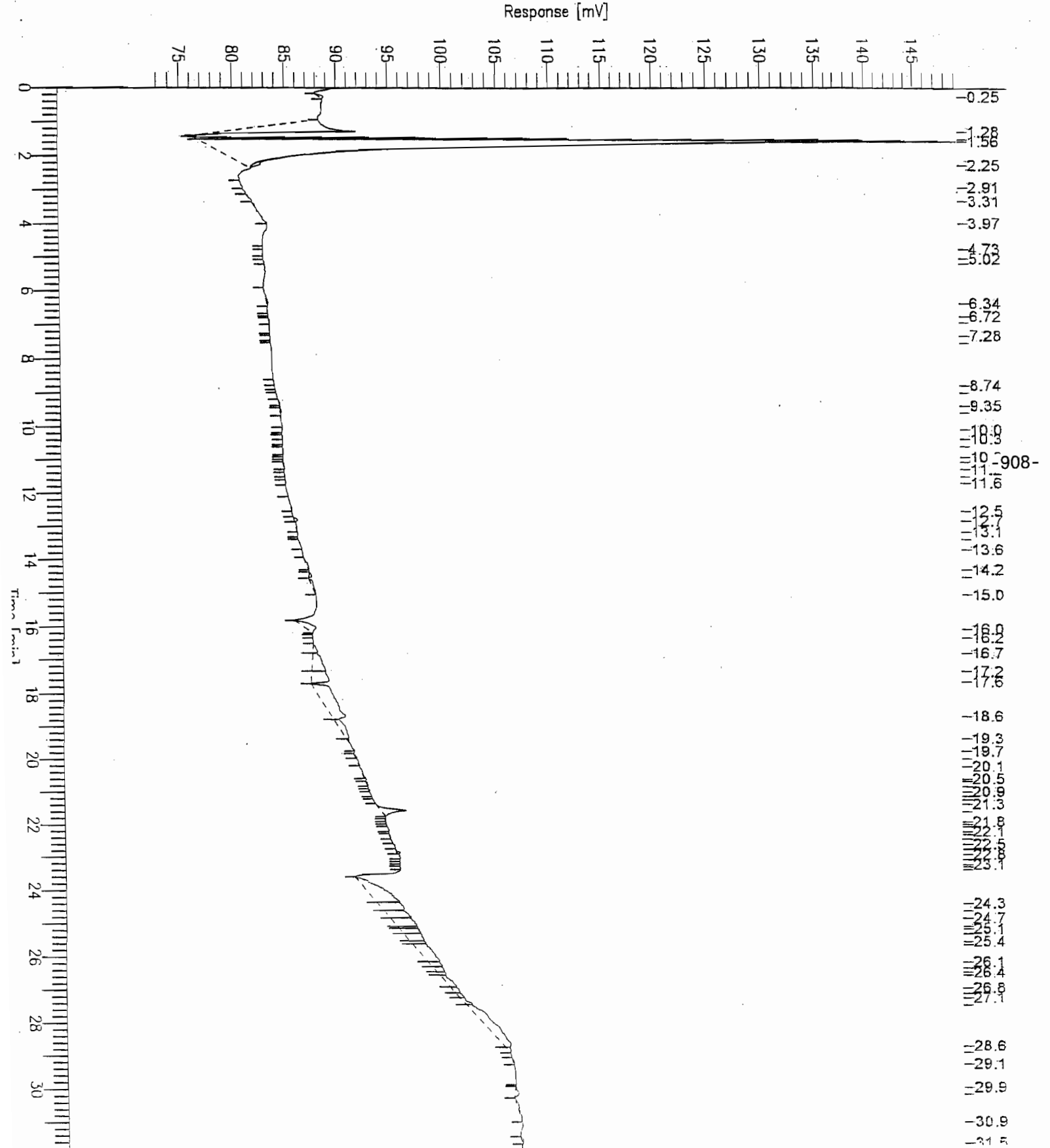
Low Point : 72.62 mV

High Point : 149.33 mV

Scale Factor: 1.0

Plot Offset: 73 mV

Plot Scale: 76.7 mV



Software Version: 4.1<2F12>

Sample Name : AR1248 5PPB

Time : 3/1/05 11:51 AM

Sample Number: 30

Study :

Operator : manager

Instrument : HP-SFC

Channel : A A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/30

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:14 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224030.RAW

Result File : C:\DATA65\H224030.rst

Inst Method : PCB2CH from C:\DATA65\H224030.rst

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

State Recieve :

Client Name :

EC Sample N :

Instrument Conditions:

P-SFC

Total number of peaks detected: 65

PCB REPORT

=====
P-SFC CHANNEL H
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.758	71009		7.98	7.9781
2	0.808	47332		5.32	5.3179
3	1.004	76933		8.64	8.6437
4	1.061	464956		52.24	52.2392
5	3.033	1514		0.17	0.1702
6	4.017	372		0.04	0.0418
7	4.822	1376		0.15	0.1546
8	5.676	775		0.09	0.0871
9	6.201	392		0.04	0.0440

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	7.221	1870		0.21	0.2101
11	8.556	474		0.05	0.0532
12	8.927	576		0.06	0.0648
13	9.461	1569		0.18	0.1762
14	9.756	293		0.03	0.0330
15	10.812	1591		4.01	4.0097
16	11.244	877		2.21	2.2103
17	11.471	1705		4.30	4.2967
18	11.721	1282		3.23	3.2301
19	11.813	2255		5.68	5.6817
20	12.320	1391		3.50	3.5047
21	12.622	1930		4.86	4.8641
23	13.002	1325		3.34	3.3392
24	13.159	257		0.65	0.6488
26	13.668	1029		2.58	2.5753
27	13.846	848		2.12	2.1214
28	14.145	1332		3.33	3.3328
29	14.903	960		1.94	1.9372
30	15.129	2943		5.94	5.9398
	15.245	8265	AR1248	5.01	5.0133
32	15.389	1646		3.32	3.3227
34	16.043	1742		4.88	4.8842
35	16.248	346		0.97	0.9702
36	16.711	448		1.26	1.2565
37	17.033	1300		3.65	3.6467
38	17.225	704		1.97	1.9748
39	17.397	1133		3.18	3.1765
40	17.727	344		0.97	0.9653
41	18.655	25238		70.78	70.7783
42	19.782	6893		19.33	19.3300
43	22.269	16215		0.96	0.9622
44	23.958	5652		0.34	0.3354
45	24.128	844		0.05	0.0501
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
46	27.817	48553		2.88	2.8812
47	28.156	5939		0.35	0.3524
48	28.351	1074		0.06	0.0637
49	28.586	522		0.03	0.0310
50	28.935	935		0.06	0.0555
51	29.201	843		0.05	0.0500
52	29.343	1617		0.10	0.0960
53	29.563	686		0.04	0.0407
54	29.848	889		0.05	0.0528
55	30.050	510		0.03	0.0303
56	30.280	223		0.01	0.0133
57	30.430	526		0.03	0.0312
58	30.675	388		0.02	0.0231
59	30.731	810		0.05	0.0481
60	30.853	527		0.03	0.0313
61	30.926	601		0.04	0.0357
62	31.161	945		0.06	0.0561
63	31.516	208		0.01	0.0123
64	31.663	1054		0.06	0.0626
65	31.908	435		0.03	0.0258
827226				243.56	243.5647

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
33	15.869	1935	AR1248-4	5.43	5.4269
22	12.831	1753	AR1248-1	4.42	4.4162
25	13.512	2212	AR1248-2	5.53	5.5341
31	15.245	2365	AR1248-3	4.77	4.7737
8265				20.15	20.1509

=====
Report stored in ASCII file: C:\DATA65\H224030.TX0

Chromatogram - ECD#1

Sample Name : AR1248 5PPB

Sample #: 30

Page 1 of 1

FileName : C:\DATA65\H224030.raw

Date : 3/1/05 11:51 AM

Method : PCB2CH

Time of Injection: 2/25/05 10:14 AM

Start Time : 0.00 min

End Time : 32.00 min

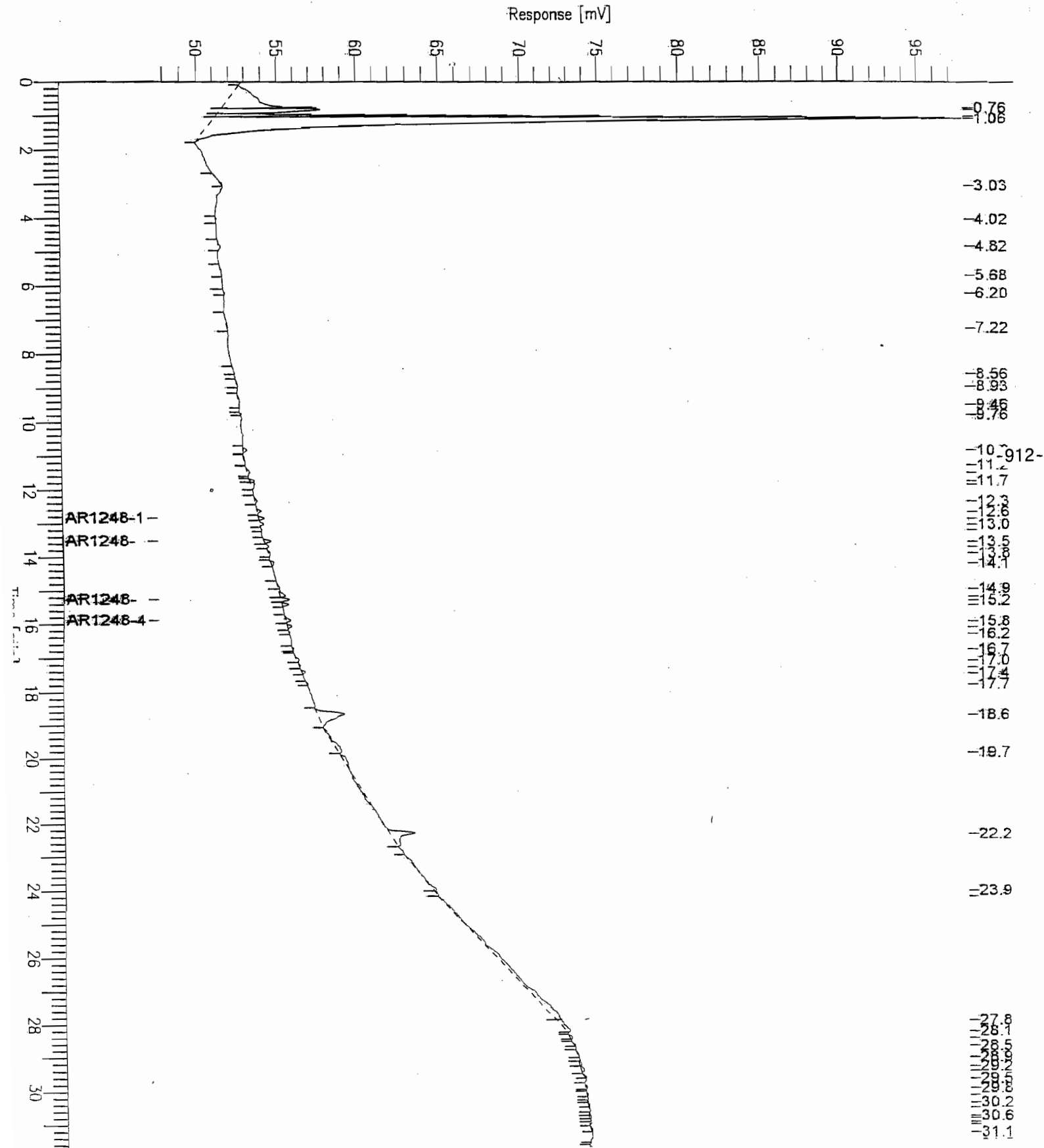
Low Point : 47.58 mV

High Point : 97.88 mV

Scale Factor: 1.0

Plot Offset: 48 mV

Plot Scale: 50.3 mV



Software Version: 4.1<2F12>

Sample Name : AR1248 5PPB

Time : 3/1/05 11:51 AM

Sample Number: 31

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/30

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:50 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224031.RAW

Result File : C:\DATA65\I224031.rst

Inst Method : PCB2CH from C:\DATA65\I224031.rst

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 98

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.129	3134		0.13	0.1291
2	1.275	98127		4.04	4.0434
3	1.492	96097		3.96	3.9598
4	1.551	818444		33.72	33.7245
5	2.250	7381		0.30	0.3042
6	2.828	373		0.02	0.0154
7	3.087	669		0.03	0.0276
8	3.987	4849		0.20	0.1998
9	4.803	357		0.01	0.0147

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

10	5.424	296		0.01	0.0122
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
11	6.326	1983		0.08	0.0817
12	6.709	114		0.00	0.0047
13	6.883	543		0.02	0.0224
14	7.344	434		0.02	0.0179
15	7.715	462		0.02	0.0190
16	7.930	382		0.02	0.0157
17	8.661	700		0.56	0.5647
18	8.811	145		0.12	0.1167
19	8.881	204		0.16	0.1645
20	9.251	4052		3.27	3.2675
21	9.535	1076		0.87	0.8676
22	10.035	2413		1.95	1.9454
23	10.493	2895		2.33	2.3345
24	10.573	573		0.46	0.4621
26	11.207	2929		2.36	2.3616
27	11.556	494		0.62	0.6208
28	11.653	833		1.05	1.0469
30	12.041	3734		4.69	4.6916
31	12.170	3021		3.80	3.7969
	12.793	24304	ARI248	5.96	5.9582
33	12.905	351		0.32	0.3191
34	13.200	4792		4.35	4.3521
35	13.693	1538		1.63	1.6327
36	13.860	1519		1.61	1.6131
38	14.221	6775		7.19	7.1930
39	14.464	5010		5.32	5.3188
40	14.869	21070		22.37	22.3704
41	14.982	11593		12.31	12.3085
42	15.125	3887		4.13	4.1269
43	16.012	18749		19.91	19.9060
44	16.203	5117		5.43	5.4326
45	16.401	8613		9.14	9.1444
46	16.597	1557		1.65	1.6535
47	16.944	4025		4.27	4.2737
48	17.187	11823		12.55	12.5525
49	17.366	6208		6.59	6.5915
50	17.565	17111		18.17	18.1670
51	18.327	41561		44.13	44.1264
52	18.606	17846		18.95	18.9474
53	18.964	6102		6.48	6.4789
54	19.103	2009		2.13	2.1334
55	19.255	2794		2.97	2.9668
56	19.715	8366		8.88	8.8822
57	19.950	883		0.94	0.9379
58	20.165	453		0.01	0.0147
59	20.555	1508		0.05	0.0491
60	20.797	1049		0.03	0.0342
61	20.882	269		0.01	0.0088
62	21.098	586		0.02	0.0191
63	21.163	337		0.01	0.0110
64	21.549	25264		0.82	0.8228
65	21.785	2493		0.08	0.0812
66	21.852	1671		0.05	0.0544
67	21.933	1302		0.04	0.0424
68	22.006	684		0.02	0.0223
69	22.257	2827		0.09	0.0921
70	22.321	856		0.03	0.0279
71	22.401	480		0.02	0.0156
72	22.477	450		0.01	0.0146
73	22.548	550		0.02	0.0179
74	22.634	231		0.01	0.0075
75	22.866	1805		0.06	0.0588
76	23.013	283		0.01	0.0092
77	23.167	296		0.01	0.0096
78	23.324	660		0.02	0.0215
79	24.172	51338		1.67	1.6721
80	24.327	15722		0.51	0.5121
81	24.541	22735		0.74	0.7405
82	25.016	37753		1.23	1.2296
83	25.089	5145		0.17	0.1676
84	25.712	35150		1.14	1.1448
85	25.786	2799		0.09	0.0912
86	26.111	9487		0.31	0.3090
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
87	26.250	2668		0.09	0.0869
88	26.963	5235		0.17	0.1705
89	27.451	2504		0.08	0.0816

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	28.397	21628		0.70	0.7044
91	28.806	1309		0.04	0.0426
92	29.020	954		0.03	0.0311
93	29.678	726		0.02	0.0236
94	30.361	1178		0.04	0.0384
95	30.600	162		0.01	0.0053
96	30.783	455		0.01	0.0148
97	31.188	1098		0.04	0.0358
98	31.660	876		0.03	0.0285
		1553296		300.79	300.7853

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
37	14.084	5403	AR1248-4	5.74	5.7368
25	10.758	7957	AR1248-1	6.42	6.4159
29	11.912	4337	AR1248-2	5.45	5.4495
32	12.793	6607	AR1248-3	6.00	6.0000
		24304		23.60	23.6021

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

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Report stored in ASCII file: C:\DATA65\I224031.TX0

Chromatogram - ECD#1

Sample Name : AR1248 5PPB

File Name : C:\DATA65\I224031.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor : 1.0

End Time : 32.00 min

Plot Offset : 76 mV

Sample #: 31

Date : 3/1/05 11:51 AM

Time of Injection: 2/25/05 10:50 AM

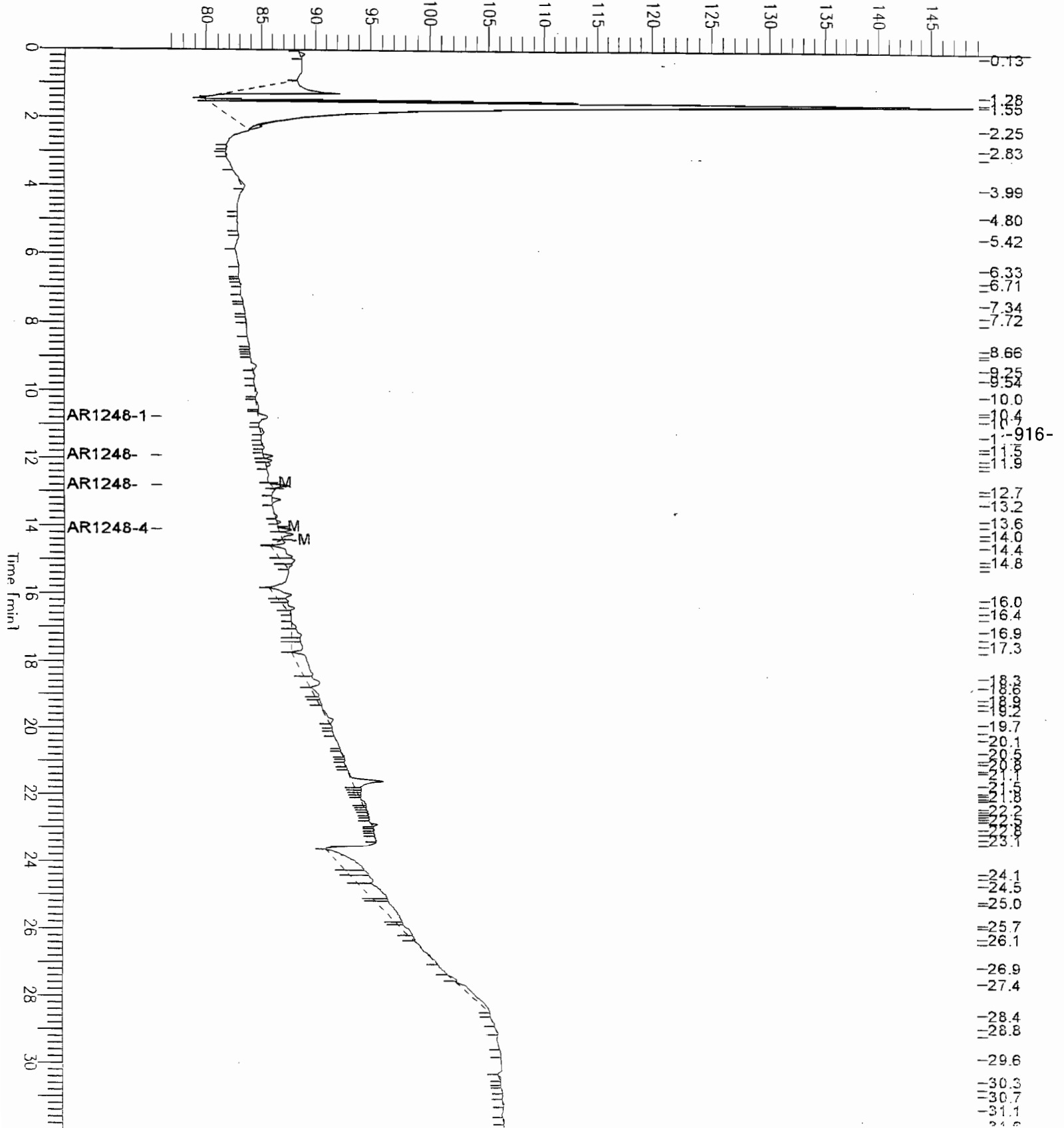
Low Point : 76.29 mV

Plot Scale: 72.8 mV

Page 1 of 1

High Point : 149.11 mV

Response [mV]



Software Version: 4.1<2F12>
 Sample Name : AR1248 20PPB Time : 3/1/05 11:51 AM
 Sample Number: 31 Study :
 Operator : manager
 Instrument : HP-SFC Channel : A A/D mV Range : 1000
 AutoSampler : HP7673A
 Vial : 0/31

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:50 AM
 Delay Time : 0.00 min.
 End Time : 32.00 min.
 Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224031.RAW
 Result File : C:\DATA65\H224031.rst
 Inst Method : PCB2CH from C:\DATA65\H224031.rst
 Proc Method : C:\DATA65\H1248228.mth
 Calib Method : C:\DATA65\H1248228.mth
 Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
 Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
 Solids : SDG Name :
 Date Recieve : Client Name :
 DEC Sample N :

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Instrument Conditions:
 HP-SFC

Total number of peaks detected: 79

PCB REPORT

=====
 HP-SFC CHANNEL H
 =====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.421	20838		2.34	2.3413
2	0.757	77014		8.65	8.6527
3	1.007	76263		8.57	8.5684
4	1.064	490555		55.12	55.1153
5	2.950	2593		0.29	0.2913
6	4.027	308		0.03	0.0346
7	4.820	1974		0.22	0.2217
8	6.207	1125		0.13	0.1264
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.152	1342		0.15	0.1508
10	8.412	887		0.10	0.0997
11	9.605	2580		0.29	0.2898
12	9.754	2847		0.32	0.3199
13	9.854	2335		0.26	0.2624
14	10.393	1052		2.65	2.6517
15	10.516	838		2.11	2.1121
16	10.809	2014		5.08	5.0755
17	11.143	881		2.22	2.2193
18	11.441	2381		6.00	5.9999
19	11.721	5487		13.83	13.8251
20	11.811	5596		14.10	14.1001
21	11.897	3744		9.43	9.4333
22	12.319	4244		10.69	10.6933
23	12.476	788		1.99	1.9866
24	12.615	8250		20.79	20.7857
26	12.999	7126		17.95	17.9536
27	13.155	2253		5.68	5.6772
29	13.669	3048		7.63	7.6257
30	13.844	3250		8.13	8.1327
31	14.145	6481		16.22	16.2152
32	15.133	7809		15.76	15.7602
	15.243	32384	AR1248	19.64	19.6428
34	15.384	8727		17.61	17.6114
35	15.579	636		1.78	1.7837
37	16.043	5757		16.14	16.1442
38	16.224	1714		4.81	4.8058
39	16.515	601		1.69	1.6853
40	16.714	1575		4.42	4.4183
41	17.030	2522		7.07	7.0725
42	17.207	1404		3.94	3.9377
43	17.389	4319		12.11	12.1125
44	17.726	1341		3.76	3.7604
45	18.080	1001		2.81	2.8083
46	18.389	962		2.70	2.6989
47	18.586	9716		27.25	27.2494
48	18.952	1168		3.28	3.2762
49	19.155	718		2.01	2.0132
50	19.532	4525		12.69	12.6911
51	19.626	10373		29.09	29.0920
52	20.166	4917		13.79	13.7900
53	20.563	2467		6.92	6.9198
54	22.265	28179		1.67	1.6722
55	22.505	2196		0.13	0.1303
56	22.587	2460		0.15	0.1460
57	22.887	991		0.06	0.0588
58	23.951	7211		0.43	0.4279
59	24.130	996		0.06	0.0591
60	27.077	3558		0.21	0.2112
61	27.522	1769		0.10	0.1050
62	27.656	1049		0.06	0.0623
63	27.779	908		0.05	0.0539
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
64	27.942	846		0.05	0.0502
65	28.095	619		0.04	0.0367
66	28.230	207		0.01	0.0123
67	28.424	1099		0.07	0.0652
68	28.534	405		0.02	0.0240
69	29.002	616		0.04	0.0365
70	29.306	197		0.01	0.0117
71	29.478	643		0.04	0.0381
72	29.625	667		0.04	0.0396
73	30.043	1431		0.08	0.0849
74	30.354	900		0.05	0.0534
75	30.828	751		0.04	0.0446
76	31.162	354		0.02	0.0210
77	31.371	385		0.02	0.0229
79	31.934	605		0.04	0.0359
		901775		433.74	433.7383

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

36	15.865	6936 AR1248-4	19.45	19.4525
25	12.829	8502 AR1248-1	21.42	21.4227
28	13.509	7583 AR1248-2	18.97	18.9730
33	15.243	9362 AR1248-3	18.89	18.8944
32384			78.74	78.7426

INSTR. 65 : DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224031.TX0

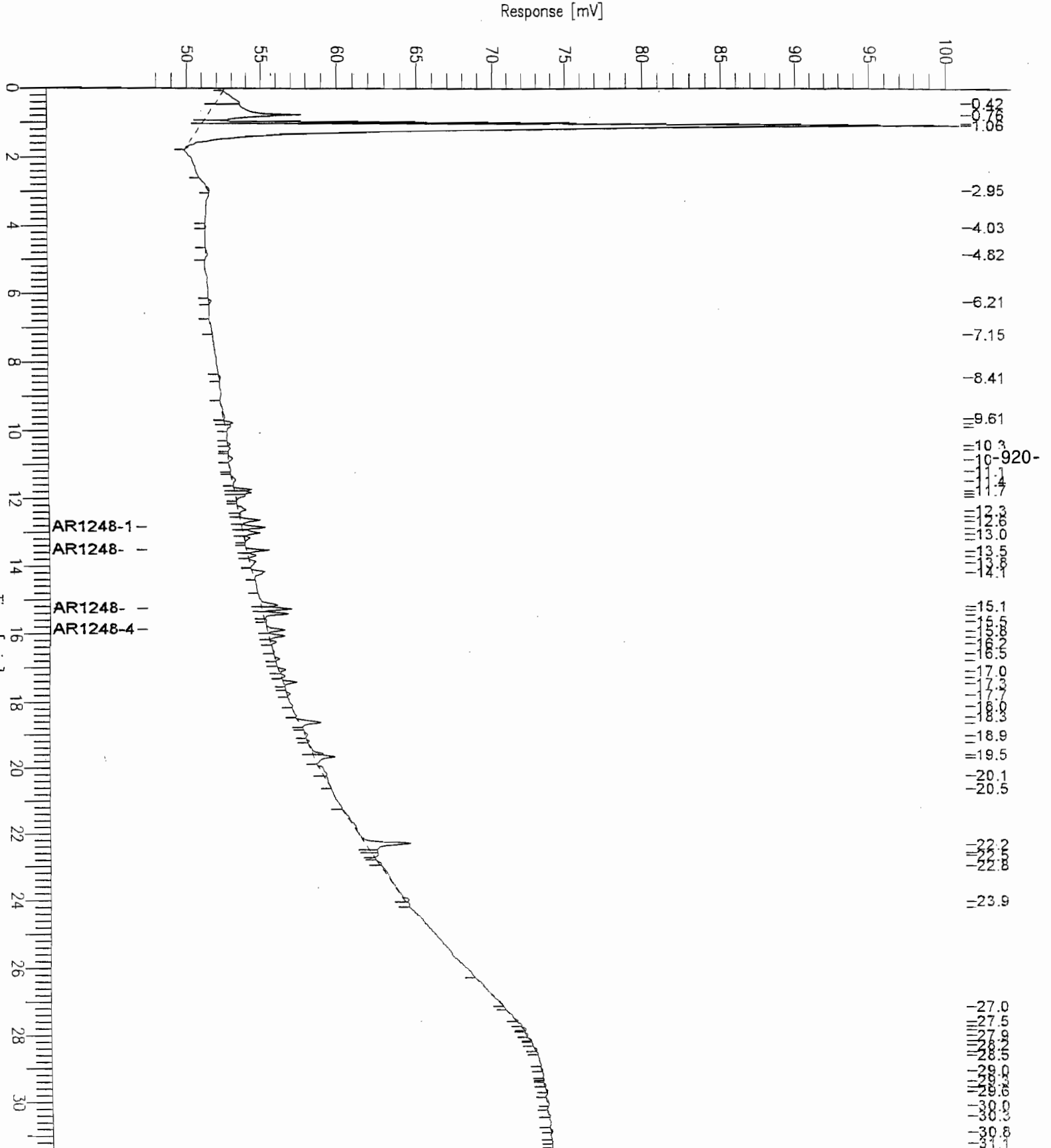
Chromatogram - ECD#1

Sample Name : AR1248 20PPB
File Name : C:\DATA65\H224031.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 47 mV

Sample #: 31
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 10:50 AM
Low Point : 47.29 mV
High Point : 100.98 mV
Plot Scale: 53.7 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1248 20PPB

Time : 3/1/05 11:51 AM

Sample Number: 32

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/31

Interface Serial # : NONE Data Acquisition Time: 2/25/05 11:26 AM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224032.RAW

Result File : C:\DATA65\I224032.rst

Inst Method : PCB2CH from C:\DATA65\I224032.rst

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 104

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.195	1531		0.06	0.0631
2	1.275	104255		4.30	4.2959
3	1.487	101776		4.19	4.1938
4	1.547	794533		32.74	32.7392
5	2.252	7369		0.30	0.3036
6	2.747	290		0.01	0.0119
7	2.853	690		0.03	0.0284
8	3.007	190		0.01	0.0078
9	3.145	429		0.02	0.0177

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.796	3295		0.14	0.1358
11	4.017	2876		0.12	0.1185
12	4.945	137		0.01	0.0057
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
13	6.337	1537		0.06	0.0633
14	6.568	119		0.00	0.0049
15	6.711	508		0.02	0.0210
16	6.883	2134		0.09	0.0879
17	7.334	720		0.03	0.0297
18	7.710	1178		0.05	0.0485
19	7.888	2036		0.08	0.0839
20	8.660	1322		1.07	1.0659
21	8.734	287		0.23	0.2314
22	9.240	8459		6.82	6.8205
23	9.811	339		0.27	0.2734
24	9.927	1880		1.52	1.5162
25	10.034	3715		3.00	2.9950
26	10.420	1251		1.01	1.0091
27	10.487	1021		0.82	0.8233
29	11.200	9716		7.83	7.8341
30	11.550	2672		3.36	3.3580
31	11.649	4412		5.54	5.5437
33	12.041	14888		18.71	18.7085
34	12.163	12985		16.32	16.3175
35	12.500	1725		1.57	1.5662
	12.788	78542	AR1248	19.26	19.2550
37	12.914	1656		1.50	1.5042
38	13.196	16478		14.96	14.9644
39	13.501	299		0.32	0.3177
40	13.690	4233		4.49	4.4939
41	13.854	7695		8.17	8.1701
43	14.218	25669		27.25	27.2536
44	14.463	3789		4.02	4.0224
45	14.668	2022		2.15	2.1465
46	14.868	3531		3.75	3.7494
47	14.985	2847		3.02	3.0223
48	15.114	1776		1.89	1.8860
49	15.253	1159		1.23	1.2303
50	15.451	1772		1.88	1.8809
51	15.601	6477		6.88	6.8765
52	16.005	15647		16.61	16.6125
53	16.187	3801		4.04	4.0353
54	16.395	7537		8.00	8.0019
55	16.943	3749		3.98	3.9808
56	17.053	2871		3.05	3.0487
57	17.172	8896		9.44	9.4448
58	17.577	7720		8.20	8.1968
59	17.776	4652		4.94	4.9387
60	18.209	8229		8.74	8.7373
61	18.321	10218		10.85	10.8485
62	18.606	9394		9.97	9.9740
63	18.959	7139		7.58	7.5800
64	19.271	5577		5.92	5.9209
65	19.703	13043		13.85	13.8481
66	19.993	147		0.16	0.1562
67	20.141	931		0.03	0.0303
68	20.248	402		0.01	0.0131
69	20.315	264		0.01	0.0086
70	20.550	1143		0.04	0.0372
71	20.784	1645		0.05	0.0536
72	20.931	956		0.03	0.0311
73	21.095	735		0.02	0.0239
74	21.170	321		0.01	0.0105
75	21.231	227		0.01	0.0074
76	21.549	22230		0.72	0.7240
77	21.796	1326		0.04	0.0432
78	22.012	207		0.01	0.0067
79	22.172	640		0.02	0.0208
80	22.314	744		0.02	0.0242
81	22.634	3439		0.11	0.1120
82	22.693	1263		0.04	0.0411
83	22.864	3963		0.13	0.1291
84	23.006	490		0.02	0.0159
85	23.172	335		0.01	0.0109
86	23.310	236		0.01	0.0077
87	24.319	86047		2.80	2.8026
88	24.494	31020		1.01	1.0103
89	25.008	56325		1.83	1.8345
90	25.317	36601		1.19	1.1921

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	25.783	46350		1.51	1.5096
92	26.121	26045		0.85	0.8483
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
93	26.577	17344		0.56	0.5649
94	26.633	1646		0.05	0.0536
95	26.885	7325		0.24	0.2386
96	27.197	6159		0.20	0.2006
97	27.278	1082		0.04	0.0352
98	27.424	1602		0.05	0.0522
99	28.543	37835		1.23	1.2323
00	29.018	1302		0.04	0.0424
01	29.753	1140		0.04	0.0371
02	30.020	562		0.02	0.0183
03	30.466	390		0.01	0.0127
04	31.566	2547		0.08	0.0830
		1759654		339.54	339.5412

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
42	14.082	16857	AR1248-4	17.90	17.8974
28	10.759	21033	AR1248-1	16.96	16.9589
32	11.909	16197	AR1248-2	20.35	20.3529
36	12.788	24455	AR1248-3	22.21	22.2090
		78542		77.42	77.4182

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=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224032.TX0

Chromatogram - ECD#1

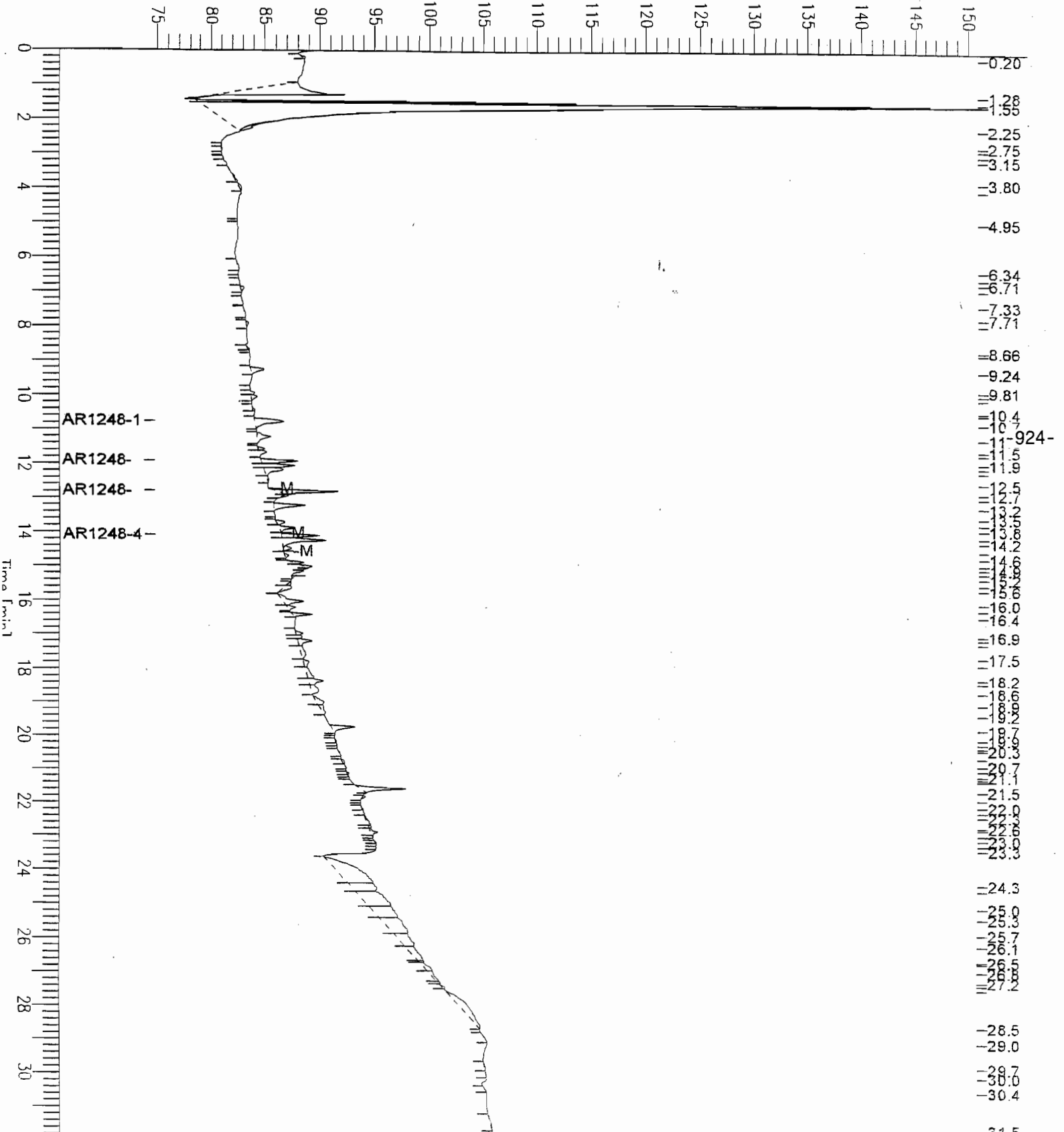
Sample Name : AR1248 20PPB
File Name : C:\DATA65\I224032.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 75 mV

Sample #: 32
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 11:26 AM
Low Point : 74.84 mV
High Point : 150.90 mV
Plot Scale : 76.1 mV

Page 1 of 1

Response [mV]



oftware Version: 4.1<2F12>
ample Name : AR1248 100PPB
ample Number: 32
perator : manager

Time : 3/1/05 11:51 AM
Study :

nstrument : HP-SFC Channel : A A/D mV Range : 1000
utoSampler : HP7673A
ack/Vial : 0/32

nterface Serial # : NONE Data Acquisition Time: 2/25/05 11:26 AM
elay Time : 0.00 min.
nd Time : 32.00 min.
ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224032.RAW
esult File : C:\DATA65\H224032.rst
nst Method : PCB2CH from C:\DATA65\H224032.rst
roc Method : C:\DATA65\H1248228.mth
alib Method : C:\DATA65\H1248228.mth
equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL Area Reject : 99.000000
ample Amount : 1.0000 Dilution Factor : 1.00

oise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
ultiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
ate Recieve : Client Name :
EC Sample N :

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nstrument Conditions:
P-SFC

otal number of peaks detected: 99

PCB REPORT

=====
P-SFC CHANNEL H
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.812	110567		12.42	12.4225
2	1.006	89054		10.01	10.0055
3	1.062	540239		60.70	60.6975
4	2.064	1285		0.14	0.1444
5	2.334	578		0.06	0.0650
6	2.957	1271		0.14	0.1428
7	4.020	221		0.02	0.0248
8	4.847	1052		0.12	0.1182
9	6.204	1556		0.17	0.1748

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.911	764		0.09	0.0859
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
11	8.113	517		0.06	0.0581
12	8.415	4207		0.47	0.4727
13	8.904	1232		0.14	0.1385
14	9.607	2358		0.26	0.2649
15	9.753	14449		1.62	1.6234
16	9.851	9155		1.03	1.0286
17	10.087	549		1.38	1.3829
18	10.397	5647		14.23	14.2286
19	10.511	6738		16.98	16.9777
20	10.808	2196		5.53	5.5332
21	11.169	746		1.88	1.8789
22	11.317	2358		5.94	5.9413
23	11.414	3747		9.44	9.4414
24	11.723	28620		72.11	72.1110
25	11.809	29240		73.67	73.6739
26	11.897	23782		59.92	59.9217
27	12.316	18971		47.80	47.8007
28	12.468	4155		10.47	10.4698
29	12.615	11077		27.91	27.9088
31	12.998	38382		96.71	96.7075
32	13.151	13235		33.35	33.3481
34	13.668	14363		35.94	35.9383
35	13.844	14787		37.00	36.9991
36	14.145	33092		82.80	82.7977
37	14.519	522		1.05	1.0533
38	14.705	541		1.09	1.0920
39	14.811	829		1.67	1.6723
40	15.136	35975		72.60	72.6007
	15.244	163844	AR1248	99.38	99.3808
42	15.384	44626		90.06	90.0601
44	16.043	32501		91.15	91.1487
45	16.222	11780		33.04	33.0371
46	16.511	2224		6.24	6.2358
47	16.710	9193		25.78	25.7812
48	17.030	13307		37.32	37.3196
49	17.209	8942		25.08	25.0765
50	17.390	22941		64.34	64.3365
51	17.725	7140		20.02	20.0230
52	17.885	1981		5.55	5.5545
53	18.071	2342		6.57	6.5669
54	18.204	889		2.49	2.4941
55	18.390	1454		4.08	4.0782
56	18.592	27434		76.94	76.9364
57	18.943	4679		13.12	13.1211
58	19.149	4616		12.95	12.9466
59	19.392	1529		4.29	4.2888
60	19.523	12190		34.19	34.1869
61	19.620	6116		17.15	17.1508
62	20.141	4216		11.82	11.8225
63	20.551	854		2.39	2.3940
64	21.154	1844		5.17	5.1704
65	21.326	1488		4.17	4.1733
66	21.498	1401		3.93	3.9302
67	21.657	938		2.63	2.6319
68	21.730	271		0.76	0.7612
69	22.266	34920		2.07	2.0723
70	22.604	7694		0.46	0.4566
71	22.887	793		0.05	0.0471
72	23.608	2881		0.17	0.1710
73	23.928	4622		0.27	0.2743
74	24.118	750		0.04	0.0445
75	25.979	30188		1.79	1.7914
76	27.337	52530		3.12	3.1173
77	27.669	19036		1.13	1.1296
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
78	27.830	8737		0.52	0.5185
79	28.040	9109		0.54	0.5405
30	28.182	4988		0.30	0.2960
31	28.349	3571		0.21	0.2119
32	28.533	3781		0.22	0.2244
33	28.666	866		0.05	0.0514
34	28.880	626		0.04	0.0372
35	29.199	501		0.03	0.0297
36	29.426	772		0.05	0.0458
37	29.565	621		0.04	0.0369
38	29.749	301		0.02	0.0179
39	29.929	756		0.04	0.0449

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	30.096	834		0.05	0.0495
91	30.308	409		0.02	0.0243
92	30.487	762		0.05	0.0452
93	30.699	1761		0.10	0.1045
94	30.865	337		0.02	0.0200
95	30.992	218		0.01	0.0130
96	31.112	641		0.04	0.0380
97	31.387	465		0.03	0.0276
98	31.591	878		0.05	0.0521
99	31.729	393		0.02	0.0233
		1653540		1509.11	1509.1100

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
43	15.865	32541	AR1248-4	91.26	91.2589
30	12.829	42411	AR1248-1	106.86	106.8586
33	13.510	38812	AR1248-2	97.11	97.1101
41	15.244	50081	AR1248-3	101.07	101.0675
		163844		396.30	396.2950

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

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Report stored in ASCII file: C:\DATA65\H224032.TX0

Chromatogram - ECD#1

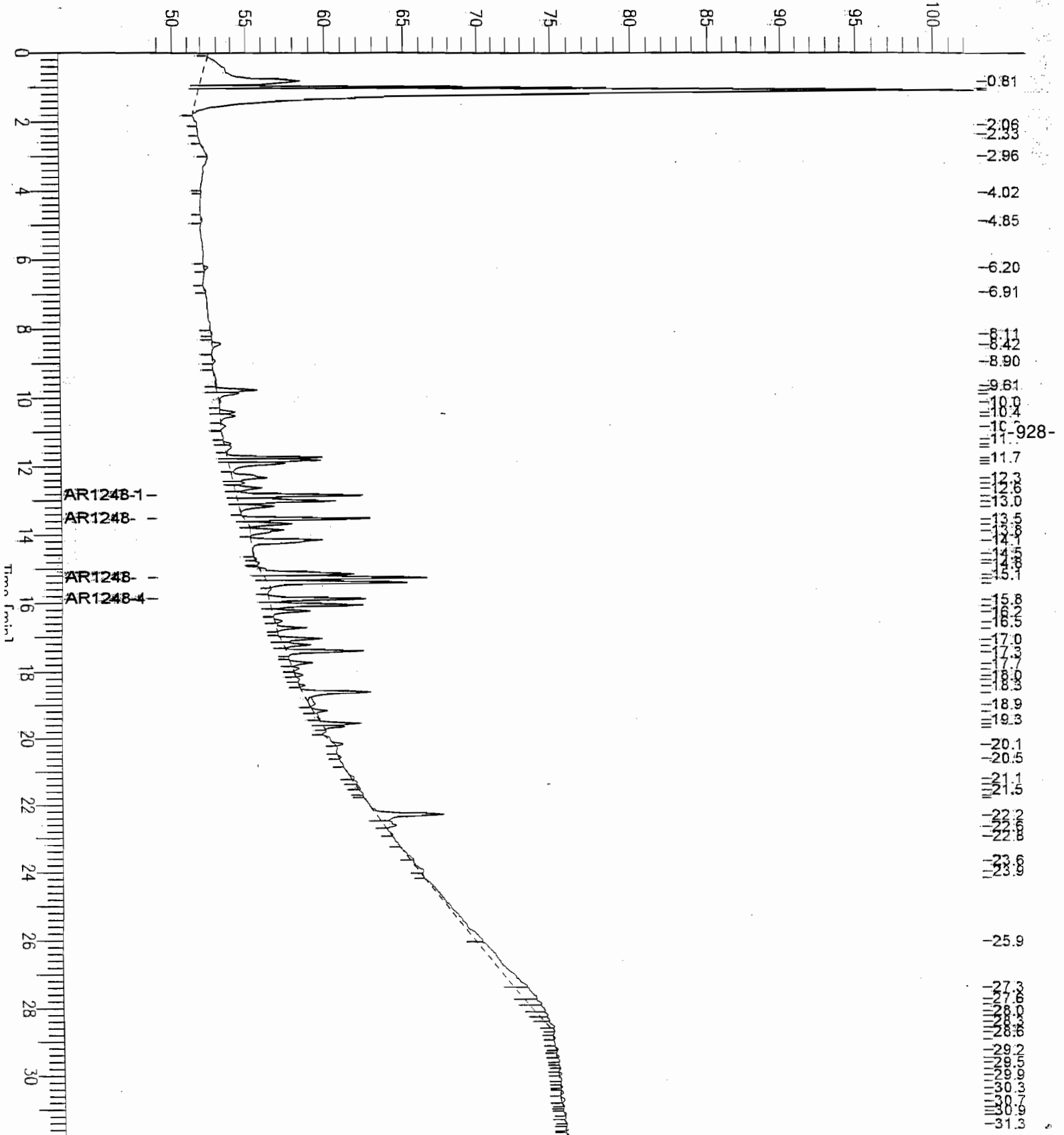
Sample Name : AR1248 100PPB
File Name : C:\DATA65\H224032.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 49 mV

Sample #: 32
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 11:26 AM
Low Point : 48.84 mV
Plot Scale : 54.0 mV
High Point : 102.86 mV

Page 1 of 1

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1248 100PPB

Time : 3/1/05 11:51 AM

Sample Number: 33

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/32

Interface Serial # : NONE Data Acquisition Time: 2/25/05 12:02 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224033.RAW

Result File : C:\DATA65\I224033.rst

Inst Method : PCB2CH from C:\DATA65\I224033.rst

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 107

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.233	1900		0.08	0.0783
2	1.273	98894		4.07	4.0750
3	1.559	907775		37.41	37.4054
4	3.026	223		0.01	0.0092
5	3.311	653		0.03	0.0269
6	3.807	1421		0.06	0.0586
7	3.959	612		0.03	0.0252
8	4.722	184		0.01	0.0076
0	6.255		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.332	1506		0.06	0.0620
10	6.713	725		0.03	0.0299
11	6.881	3948		0.16	0.1627
12	7.266	1852		0.08	0.0763
13	7.700	2319		0.10	0.0956
14	7.892	8139		0.34	0.3354
15	8.431	2221		0.09	0.0915
16	8.627	2062		1.66	1.6625
17	9.236	61794		49.83	49.8250
18	9.604	2763		2.23	2.2277
19	9.798	647		0.52	0.5220
20	9.927	11024		8.89	8.8890
21	10.034	19431		15.67	15.6672
22	10.415	2206		1.78	1.7787
24	11.204	34459		27.78	27.7845
25	11.550	16191		20.35	20.3459
26	11.647	21635		27.19	27.1869
28	12.040	79280		99.63	99.6258
29	12.160	65150		81.87	81.8689
	12.791	423108	AR1248	103.73	103.7280
31	12.917	36232		32.90	32.9044
32	13.196	99779		90.61	90.6140
33	13.489	3264		3.47	3.4651
34	13.688	23146		24.57	24.5744
35	13.854	46499		49.37	49.3688
37	14.219	137789		146.29	146.2942
38	14.456	13980		14.84	14.8431
39	14.665	8323		8.84	8.8366
40	14.865	19776		21.00	20.9970
41	14.983	19154		20.34	20.3365
42	15.113	23470		24.92	24.9183
43	15.537	31194		33.12	33.1190
44	15.602	5581		5.93	5.9257
45	15.803	19018		20.19	20.1915
46	16.004	31760		33.72	33.7207
47	16.188	18128		19.25	19.2466
48	16.393	58596		62.21	62.2124
49	16.737	347		0.37	0.3684
50	16.942	20617		21.89	21.8891
51	17.047	11709		12.43	12.4316
52	17.167	55513		58.94	58.9397
53	17.477	10246		10.88	10.8779
54	17.580	17349		18.42	18.4197
55	17.775	22450		23.84	23.8360
56	18.216	25415		26.98	26.9833
57	18.320	39409		41.84	41.8419
58	18.587	13261		14.08	14.0796
59	18.954	12590		13.37	13.3673
60	19.260	2731		2.90	2.8992
61	19.455	758		0.80	0.8047
62	19.699	17006		18.06	18.0559
63	20.127	2908		0.09	0.0947
64	20.228	1484		0.05	0.0483
65	20.465	892		0.03	0.0290
66	20.558	174		0.01	0.0057
67	20.722	1342		0.04	0.0437
68	21.094	5969		0.19	0.1944
69	21.247	237		0.01	0.0077
70	21.548	52644		1.71	1.7146
71	21.791	8197		0.27	0.2670
72	22.092	304		0.01	0.0099
73	22.165	556		0.02	0.0181
74	22.303	2483		0.08	0.0809
75	22.546	2365		0.08	0.0770
76	22.635	318		0.01	0.0103
77	22.865	2095		0.07	0.0682
78	23.021	411		0.01	0.0134
79	23.093	215		0.01	0.0070
80	23.160	498		0.02	0.0162
81	23.263	518		0.02	0.0169
82	23.325	403		0.01	0.0131
83	24.092	44055		1.43	1.4349
84	24.246	20278		0.66	0.6605
85	24.324	7929		0.26	0.2582
86	24.410	8287		0.27	0.2699
87	24.477	7674		0.25	0.2499
88	24.535	8838		0.29	0.2878
89	25.028	50947		1.66	1.6594
90	25.087	5975		0.19	0.1946

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	25.331	20961		0.68	0.6827
92	25.471	12679		0.41	0.4130
93	25.709	17392		0.57	0.5665
94	25.781	4702		0.15	0.1531
95	26.108	19363		0.63	0.6307
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
96	26.167	2921		0.10	0.0951
97	26.895	30236		0.98	0.9848
98	26.953	2946		0.10	0.0959
99	27.024	2339		0.08	0.0762
00	27.463	18168		0.59	0.5917
01	28.856	76122		2.48	2.4793
02	28.969	1379		0.04	0.0449
03	29.316	333		0.01	0.0109
04	30.064	2205		0.07	0.0718
05	30.614	4659		0.15	0.1517
06	30.923	2813		0.09	0.0916
07	31.111	1518		0.05	0.0494
		3075942		1374.96	1374.9552

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
36	14.081	98861	AR1248-4	104.96	104.9633
23	10.758	123428	AR1248-1	99.52	99.5210
27	11.908	86554	AR1248-2	108.77	108.7653
30	12.791	114265	AR1248-3	103.77	103.7693
		423108		417.02	417.0189

-931-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224033.TX0

Chromatogram - ECD#1

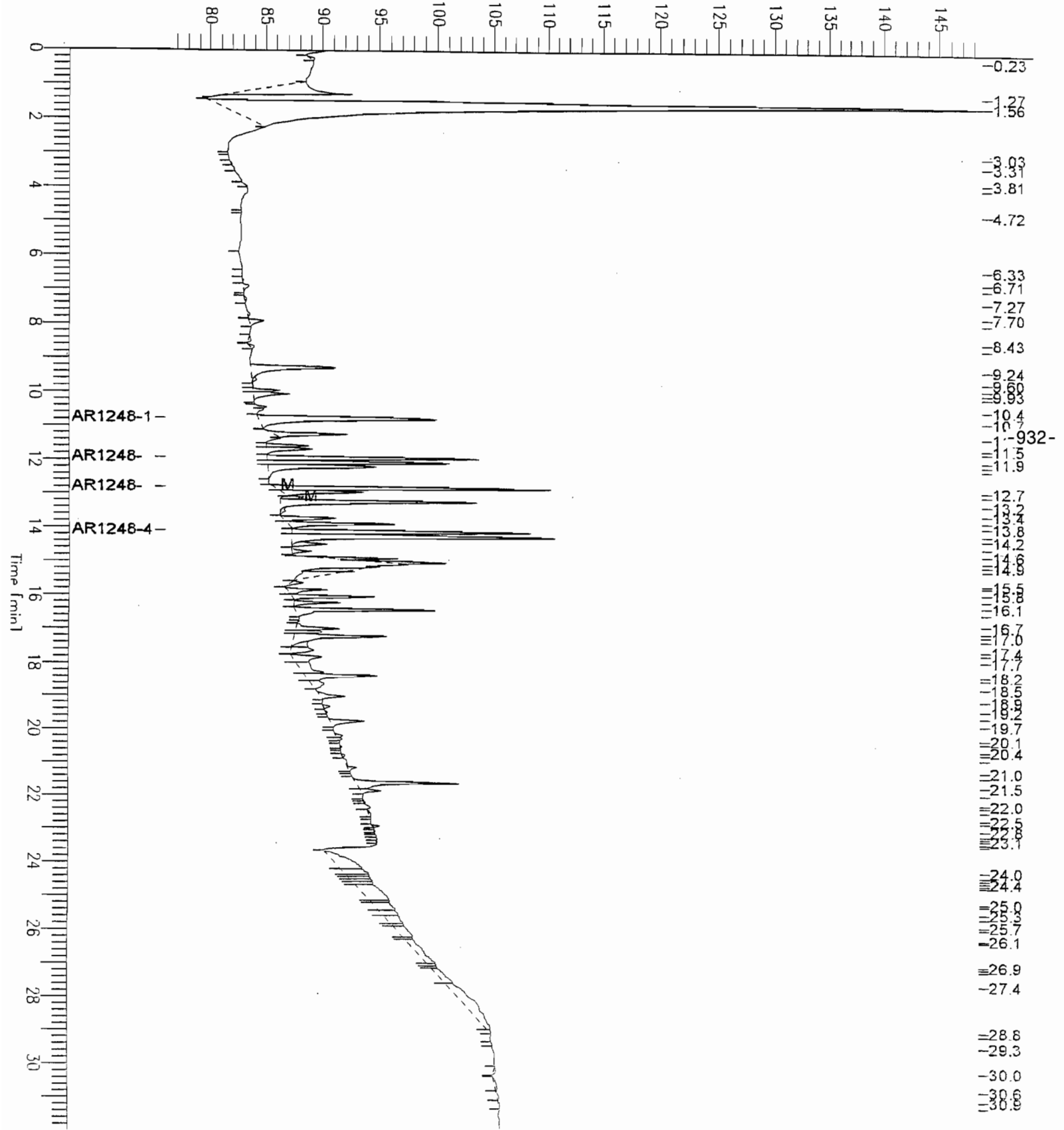
Sample Name : AR1248 100PPB
File Name : C:\DATA65\I224033.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 76 mV

Sample #: 33
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 12:02 PM
Low Point : 76.13 mV
Plot Scale: 72.6 mV
High Point : 148.69 mV

Page 1 of 1

Response [mV]



oftware Version: 4.1<2F12>

ample Name : AR1248 250PPB

Time : 3/1/05 11:51 AM

ample Number: 33

Study :

operator : manager

nstrument : HP-SFC

Channel : A

A/D mV Range : 1000

utoSampler : HP7673A

ack/Vial : 0/33

nterface Serial # : NONE Data Acquisition Time: 2/25/05 12:02 PM

elay Time : 0.00 min.

nd Time : 32.00 min.

ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224033.RAW

esult File : C:\DATA65\H224033.rst

nst Method : PCB2CH from C:\DATA65\H224033.rst

roc Method : C:\DATA65\H1248228.mth

alib Method : C:\DATA65\H1248228.mth

equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL

Area Reject : 99.000000

ample Amount : 1.0000

Dilution Factor : 1.00

oise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

ultiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-933-

Solids :

SDG Name :

ate Recieve :

Client Name :

EC Sample N : .

nstrument Conditions:

P-SFC

otal number of peaks detected: 97

PCB REPORT

=====
P-SFC CHANNEL H
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.815	138941		15.61	15.6105
2	1.005	85351		9.59	9.5894
3	1.062	498255		55.98	55.9804
4	3.032	2370		0.27	0.2662
5	4.018	703		0.08	0.0790
6	4.869	855		0.10	0.0961
7	6.212	709		0.08	0.0796
8	6.847	499		0.06	0.0560
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.143	169		0.02	0.0190
10	7.834	923		0.10	0.1037
11	8.110	1674		0.19	0.1880
12	8.420	9962		1.12	1.1193
13	8.906	2704		0.30	0.3039
14	9.608	1327		0.15	0.1491
15	9.754	37532		4.22	4.2168
16	9.853	21280		2.39	2.3909
17	10.089	1622		4.09	4.0862
18	10.399	13921		35.08	35.0763
19	10.515	17007		42.85	42.8516
20	10.812	2941		7.41	7.4103
21	11.172	940		2.37	2.3678
22	11.316	6321		15.93	15.9256
23	11.418	4018		10.12	10.1244
24	11.725	72798		183.42	183.4219
25	11.811	73688		185.66	185.6645
26	11.899	55136		138.92	138.9222
27	12.319	43224		108.91	108.9076
28	12.470	8889		22.40	22.3977
29	12.615	5225		13.16	13.1647
31	12.999	98453		248.06	248.0647
32	13.152	33818		85.21	85.2071
34	13.670	42183		105.54	105.5448
35	13.845	43804		109.60	109.6001
36	14.147	86106		215.44	215.4445
37	14.519	645		1.30	1.3021
38	14.693	1919		3.87	3.8731
39	14.810	2761		5.57	5.5717
40	14.992	5003		10.10	10.0958
41	15.137	93051		187.79	187.7866
	15.244	433342	AR1248	262.85	262.8474
43	15.386	138890		280.29	280.2939
45	16.043	89203		250.17	250.1674
46	16.222	36570		102.56	102.5599
47	16.510	7325		20.54	20.5417
48	16.710	27523		77.19	77.1880
49	17.031	34076		95.56	95.5643
50	17.211	21831		61.22	61.2243
51	17.391	60000		168.27	168.2668
52	17.725	18674		52.37	52.3693
53	17.883	5934		16.64	16.6420
54	18.069	6444		18.07	18.0708
55	18.207	2137		5.99	5.9934
56	18.392	4441		12.46	12.4557
57	18.592	61582		172.70	172.7035
58	18.936	12127		34.01	34.0084
59	19.147	13010		36.49	36.4864
60	19.394	2640		7.40	7.4035
61	19.525	39739		111.45	111.4468
62	19.782	1871		5.25	5.2477
63	19.997	2098		5.88	5.8838
64	20.142	8164		22.89	22.8947
65	20.542	2074		5.82	5.8163
66	20.744	1003		2.81	2.8130
67	21.148	3703		10.39	10.3852
68	21.303	1928		5.41	5.4071
69	21.502	1260		3.53	3.5334
70	21.652	1281		3.59	3.5924
71	21.803	607		1.70	1.7011
72	22.263	21837		1.30	1.2959
73	22.522	4870		0.29	0.2890
74	22.609	7929		0.47	0.4705
75	23.604	5564		0.33	0.3302
76	23.933	4503		0.27	0.2672
77	24.127	996		0.06	0.0591
78	25.743	1050		0.06	0.0623
79	27.734	30592		1.82	1.8154
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
80	27.948	3652		0.22	0.2167
81	28.050	1287		0.08	0.0764
82	28.234	1748		0.10	0.1037
83	28.505	1430		0.08	0.0849
84	28.652	744		0.04	0.0442
85	28.830	975		0.06	0.0578
86	28.994	156		0.01	0.0093
87	29.203	859		0.05	0.0510
88	29.449	203		0.01	0.0120
89	29.561	557		0.03	0.0331

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	29.771	244		0.01	0.0145
91	30.044	164		0.01	0.0097
92	30.460	440		0.03	0.0261
93	30.715	163		0.01	0.0096
94	31.477	340		0.02	0.0202
95	31.654	354		0.02	0.0210
96	31.721	217		0.01	0.0129
97	31.829	149		0.01	0.0089
		2647228		3691.97	3691.9691

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
44	15.866	90340	AR1248-4	253.35	253.3541
30	12.830	105973	AR1248-1	267.01	267.0108
33	13.511	103769	AR1248-2	259.64	259.6374
42	15.244	133261	AR1248-3	268.93	268.9331
		433342		1048.94	1048.9354

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224033.TX0

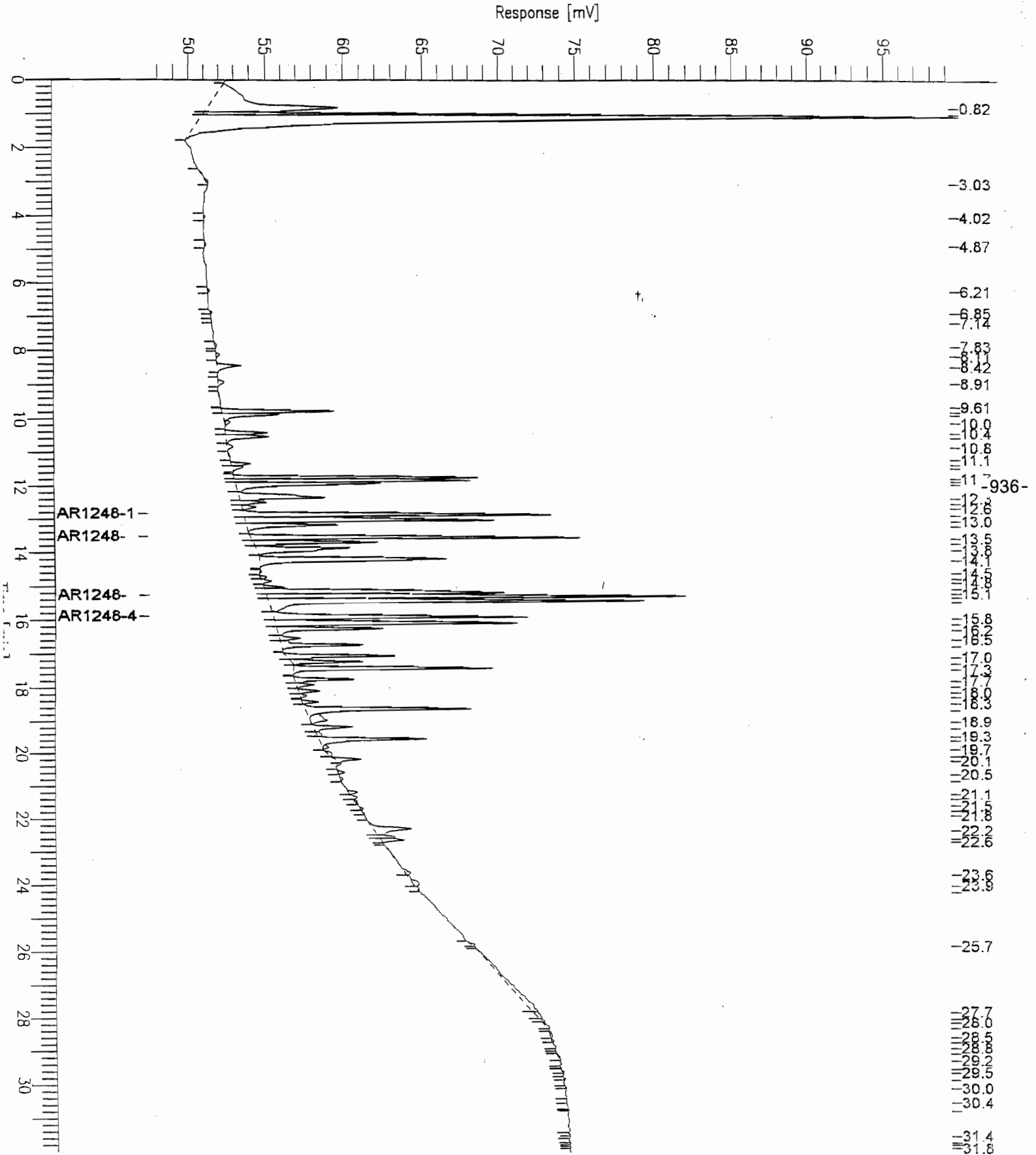
Chromatogram - ECD#1

Sample Name : AR1248 250PPB
File Name : C:\DATA65\H224033.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 47 mV

Sample #: 33
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 12:02 PM
Low Point : 47.31 mV
Plot Scale: 51.9 mV
High Point : 99.24 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1248 250PPB

Time : 3/1/05 11:51 AM

Sample Number: 34

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/33

Interface Serial # : NONE Data Acquisition Time: 2/25/05 12:38 PM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224034.RAW

Result File : C:\DATA65\I224034.rst

Inst Method : PCB2CH from C:\DATA65\I224034.rst

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

-937-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 105

PCB REPORT

=====
P-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.257	2329		0.10	0.0960
2	1.273	85222		3.51	3.5116
3	1.496	94071		3.88	3.8763
4	1.556	767728		31.63	31.6347
5	2.247	6677		0.28	0.2751
6	3.322	639		0.03	0.0263
7	3.809	823		0.03	0.0339
8	3.959	760		0.03	0.0313
9	4.160	505		0.02	0.0208

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.934	357		0.01	0.0147
11	5.153	473		0.02	0.0195
12	6.253	418		0.02	0.0172
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
13	6.677	1374		0.06	0.0566
14	6.878	1284		0.05	0.0529
15	7.235	3168		0.13	0.1305
16	7.692	3323		0.14	0.1369
17	7.888	24403		1.01	1.0055
18	8.476	1058		0.04	0.0436
19	8.621	5460		4.40	4.4027
20	8.955	185		0.15	0.1491
21	9.033	162		0.13	0.1305
22	9.231	145826		117.58	117.5804
23	9.601	7437		6.00	5.9965
24	9.924	26362		21.26	21.2558
25	10.029	45603		36.77	36.7698
26	10.411	5653		4.56	4.5577
28	11.199	105896		85.38	85.3846
29	11.331	16137		20.28	20.2783
30	11.546	40514		50.91	50.9112
31	11.644	50745		63.77	63.7670
33	12.035	185458		233.05	233.0512
34	12.156	160084		201.17	201.1655
	12.788	994601	AR1248	243.83	243.8339
36	12.913	102598		93.17	93.1743
37	13.192	248052		225.27	225.2681
38	13.473	6829		7.25	7.2507
39	13.683	56523		60.01	60.0119
40	13.849	115313		122.43	122.4305
42	14.214	332343		352.86	352.8562
43	14.451	34474		36.60	36.6017
44	14.659	21096		22.40	22.3986
45	14.860	46916		49.81	49.8113
46	14.978	50156		53.25	53.2520
47	15.108	66945		71.08	71.0770
48	15.533	126507		134.32	134.3154
49	15.713	14040		14.91	14.9070
50	15.798	57088		60.61	60.6112
51	16.000	75201		79.84	79.8431
52	16.184	45000		47.78	47.7779
53	16.388	146423		155.46	155.4612
54	16.735	2121		2.25	2.2524
55	16.832	2773		2.94	2.9445
56	16.937	43267		45.94	45.9376
57	17.042	22461		23.85	23.8474
58	17.162	114829		121.92	121.9162
59	17.473	10632		11.29	11.2882
60	17.577	23115		24.54	24.5420
61	17.770	26470		28.10	28.1039
63	18.211	9035		9.59	9.5928
64	18.315	76356		81.07	81.0688
65	18.576	8485		9.01	9.0082
66	18.948	27843		29.56	29.5615
67	19.260	6404		6.80	6.7992
68	19.429	1657		1.76	1.7589
69	19.694	4136		4.39	4.3911
70	20.118	6621		7.03	7.0294
71	20.225	5335		0.17	0.1738
72	20.466	1401		0.05	0.0456
73	20.550	314		0.01	0.0102
74	20.711	2116		0.07	0.0689
75	20.855	355		0.01	0.0116
76	21.088	7957		0.26	0.2591
77	21.253	145		0.00	0.0047
78	21.331	515		0.02	0.0168
79	21.542	26533		0.86	0.8642
80	21.789	14949		0.49	0.4869
81	22.085	286		0.01	0.0093
82	22.290	6826		0.22	0.2223
83	22.419	2258		0.07	0.0736
84	22.497	2246		0.07	0.0731
85	22.692	1272		0.04	0.0414
86	22.865	3146		0.10	0.1025
87	23.007	277		0.01	0.0090
88	23.256	2394		0.08	0.0780
89	23.323	744		0.02	0.0242
90	24.244	67499		2.20	2.1984
91	24.330	8566		0.28	0.2790

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
2	24.481	26067		0.85	0.8490
3	25.019	48802		1.59	1.5895
4	25.316	31906		1.04	1.0392
5	25.703	34838		1.13	1.1347
6	25.800	6360		0.21	0.2072
7	26.157	29195		0.95	0.9509
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
8	26.728	21790		0.71	0.7097
9	26.957	4084		0.13	0.1330
0	27.415	2113		0.07	0.0688
1	28.606	34088		1.11	1.1103
2	29.125	543		0.02	0.0177
3	29.405	809		0.03	0.0263
4	30.034	12237		0.40	0.3985
5	30.810	5842		0.19	0.1903
		5130252		3140.79	3140.7858

Group Report For : AR1248

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	14.075	240040	AR1248-4	254.86	254.8565
7	10.754	303161	AR1248-1	244.44	244.4410
12	11.903	202729	AR1248-2	254.75	254.7538
15	12.788	248671	AR1248-3	225.83	225.8302
		994601		979.88	979.8815

-939-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

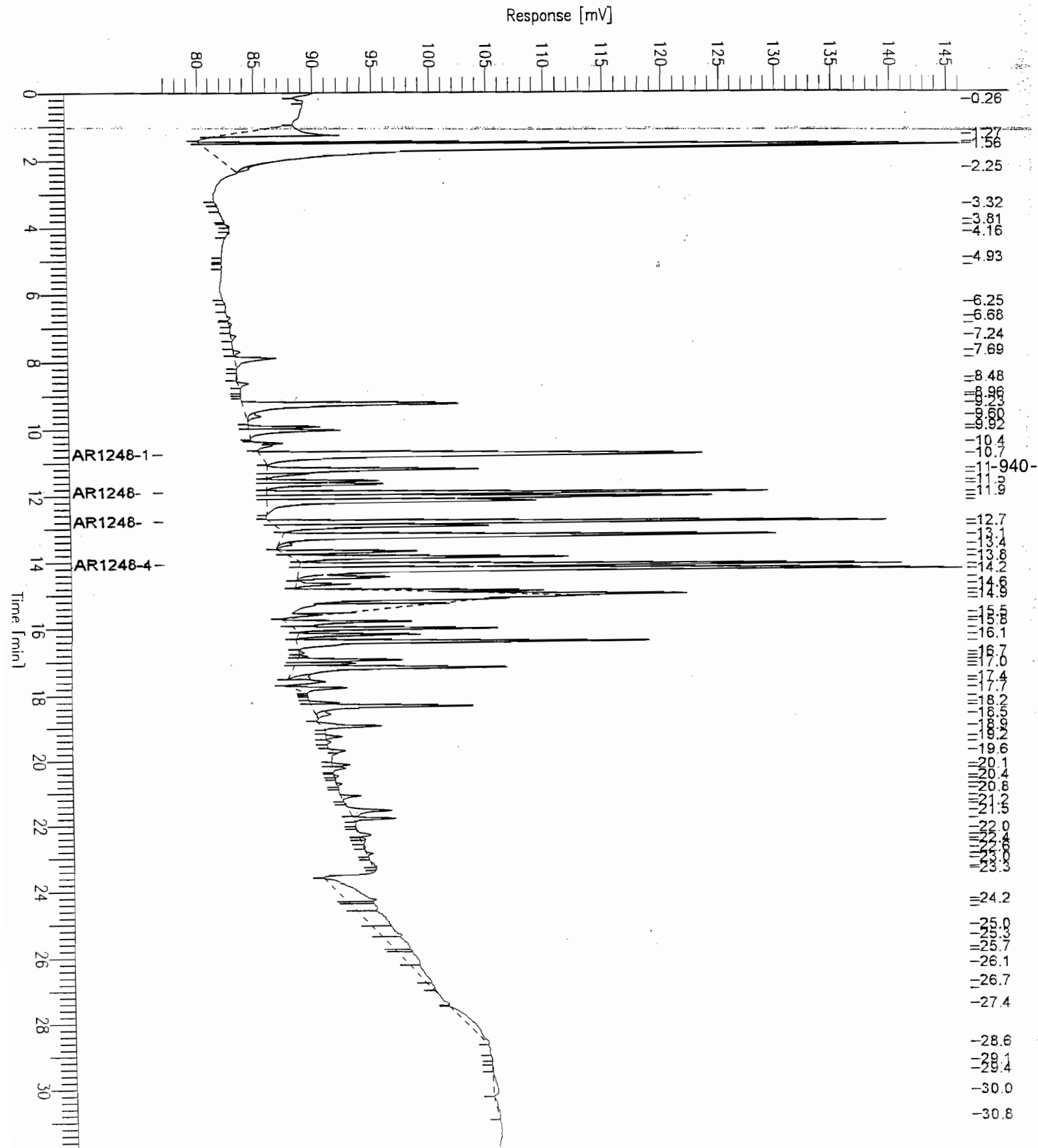
Report stored in ASCII file: C:\DATA65\I224034.TX0

Chromatogram - ECD#1

Sample Name : AR1248 250PPB
File Name : C:\DATA65\I224034.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: 34
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 12:38 PM
Low Point : 76.66 mV
High Point : 146.34 mV
End Time : 32.00 min
Plot Offset: 77 mV
Plot Scale: 69.7 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1248 500PPB

Time : 3/1/05 11:51 AM

Sample Number: 34

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/34

Interface Serial # : NONE Data Acquisition Time: 2/25/05 12:38 PM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224034.RAW

Result File : C:\DATA65\H224034.rst

Inst Method : PCB2CH from C:\DATA65\H224034.rst

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-941-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 104

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.824	185293		20.82	20.8182
2	1.006	105189		11.82	11.8183
3	1.063	536489		60.28	60.2761
4	3.030	5170		0.58	0.5808
5	4.017	325		0.04	0.0365
6	4.832	879		0.10	0.0987
7	6.196	755		0.08	0.0848
8	6.846	941		0.11	0.1057
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.153	394		0.04	0.0443
10	7.829	2272		0.26	0.2553
11	8.103	3481		0.39	0.3911
12	8.416	21417		2.41	2.4063
13	8.901	4885		0.55	0.5489
14	9.749	69877		7.85	7.8509
15	9.848	36544		4.11	4.1058
16	10.084	3204		8.07	8.0741
17	10.394	26276		66.20	66.2043
18	10.511	31301		78.87	78.8669
19	10.807	3181		8.02	8.0161
20	11.025	364		0.92	0.9164
21	11.311	12338		31.09	31.0858
22	11.408	7307		18.41	18.4101
23	11.720	136044		342.78	342.7781
24	11.808	138686		349.43	349.4343
25	11.895	103858		261.68	261.6832
26	12.315	81437		205.19	205.1901
27	12.466	17550		44.22	44.2187
28	12.610	6430		16.20	16.2007
30	12.995	180671		455.22	455.2218
31	13.149	62049		156.34	156.3400
33	13.666	69583		174.10	174.1014
34	13.842	23192		58.03	58.0279
35	14.143	164081		410.54	410.5423
36	14.521	1413		2.85	2.8513
37	14.687	3756		7.58	7.5797
38	14.805	5174		10.44	10.4411
39	14.987	9589		19.35	19.3506
40	15.134	173626		350.39	350.3939
	15.240	799251	AR1248	484.79	484.7925
42	15.382	261284		527.30	527.2961
44	16.041	167412		469.50	469.4999
45	16.219	69579		195.13	195.1315
46	16.505	14154		39.69	39.6935
47	16.604	3451		9.68	9.6780
48	16.707	48635		136.39	136.3941
49	17.027	64708		181.47	181.4718
50	17.206	40856		114.58	114.5791
51	17.387	113011		316.93	316.9346
52	17.722	35038		98.26	98.2627
53	17.878	11725		32.88	32.8820
54	18.066	12271		34.41	34.4132
55	18.201	4378		12.28	12.2792
56	18.387	9496		26.63	26.6314
57	18.588	107077		300.29	300.2929
58	18.935	16856		47.27	47.2728
59	19.142	23078		64.72	64.7213
60	19.390	1733		4.86	4.8593
61	19.520	71284		199.91	199.9145
62	19.773	2859		8.02	8.0172
63	19.966	3442		9.65	9.6525
64	20.137	25298		70.95	70.9475
65	20.534	4015		11.26	11.2586
66	20.740	1721		4.83	4.8255
67	20.965	355		0.99	0.9949
68	21.142	5330		14.95	14.9470
69	21.299	2941		8.25	8.2474
70	21.421	1055		2.96	2.9576
71	21.506	673		1.89	1.8888
72	21.647	1603		4.50	4.4951
73	21.807	644		1.81	1.8056
74	22.262	32979		1.96	1.9570
75	22.521	7570		0.45	0.4493
76	22.607	12984		0.77	0.7705
77	22.889	412		0.02	0.0245
78	23.601	6149		0.36	0.3649
79	23.897	5329		0.32	0.3162
80	24.047	224		0.01	0.0133
81	24.971	1203		0.07	0.0714
82	25.740	7974		0.47	0.4732
83	27.418	36782		2.18	2.1828
84	27.554	6372		0.38	0.3781
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
85	27.833	7968		0.47	0.4729
86	27.893	1820		0.11	0.1080
87	28.076	4847		0.29	0.2876
88	28.180	1982		0.12	0.1176
89	28.321	2441		0.14	0.1449

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	28.462	420		0.02	0.0249
11	28.648	695		0.04	0.0412
12	28.810	364		0.02	0.0216
13	28.947	280		0.02	0.0166
14	29.019	456		0.03	0.0271
15	29.224	386		0.02	0.0229
16	29.404	241		0.01	0.0143
17	29.613	977		0.06	0.0580
18	29.827	757		0.04	0.0449
19	29.952	376		0.02	0.0223
20	30.086	157		0.01	0.0093
21	30.280	445		0.03	0.0264
22	30.837	202		0.01	0.0120
23	31.291	232		0.01	0.0138
24	31.846	505		0.03	0.0300
		4303761		6630.91	6630.9062

Group Report For : AR1248

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
13	15.862	170811	AR1248-4	479.03	479.0337
29	12.826	191966	AR1248-1	483.68	483.6802
32	13.508	188631	AR1248-2	471.97	471.9689
11	15.240	247843	AR1248-3	500.17	500.1706
		799251		1934.85	1934.8534

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NSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\H224034.TX0

Chromatogram - ECD#1

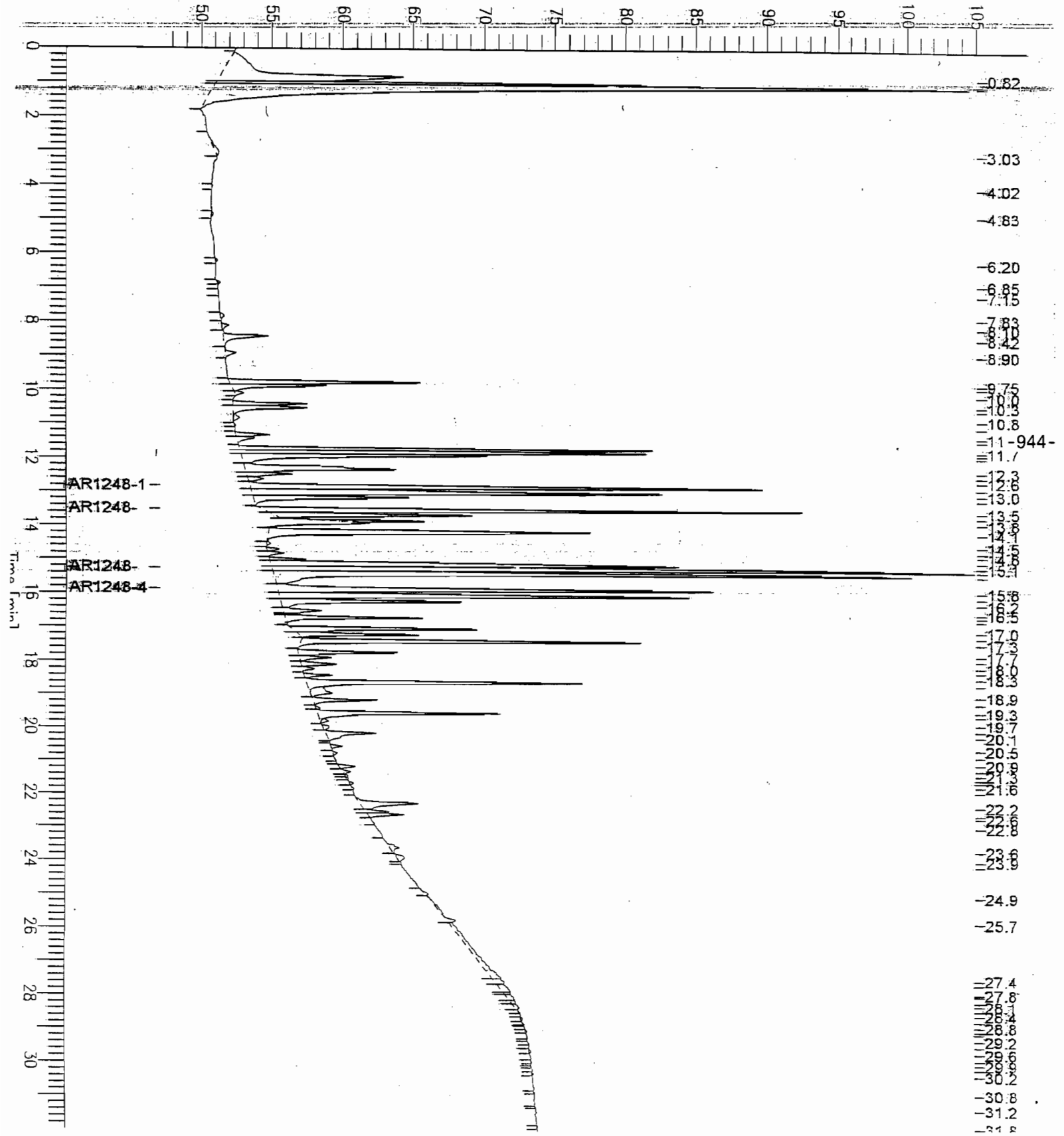
Sample Name : AR1248-500PPB
File Name : C:\DATA65\H224034.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 47 mV

Sample #: 34
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 12:38 PM
Low Point : 47.20 mV
Plot Scale: 57.9 mV
High Point : 105.08 mV

Page 1 of 1

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1248 500PPB

Time : 3/1/05 11:51 AM

Sample Number: 35

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/34

Interface Serial # : NONE Data Acquisition Time: 2/25/05 01:14 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224035.RAW

Result File : C:\DATA65\I224035.rst

Inst Method : PCB2CH from C:\DATA65\I224035.rst

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-945-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 114

PCB REPORT

=====
HP-SFC CHANNEL I
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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.178	1941		0.08	0.0800
2	1.273	80418		3.31	3.3137
3	1.344	4902		0.20	0.2020
4	1.488	97411		4.01	4.0139
5	1.548	700607		28.87	28.8689
6	2.257	5155		0.21	0.2124
7	3.115	319		0.01	0.0131
8	3.250	607		0.03	0.0250
9	3.960	637		0.03	0.0262

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.718	314		0.01	0.0130
11	4.933	282		0.01	0.0116
12	5.274	183		0.01	0.0075
13	5.421	303		0.01	0.0125
14	6.246	458		0.02	0.0189
15	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
16	6.677	3365		0.14	0.1387
17	6.873	2444		0.10	0.1007
18	7.233	5185		0.21	0.2137
19	7.695	6370		0.26	0.2625
20	7.888	45942		1.89	1.8931
21	8.622	10726		8.65	8.6485
22	9.234	263354		212.34	212.3443
23	9.603	12984		10.47	10.4687
24	9.927	47434		38.25	38.2460
25	10.031	89317		72.02	72.0172
26	10.415	9796		7.90	7.8982
28	11.203	146861		118.41	118.4147
29	11.549	73205		91.99	91.9916
30	11.646	93211		117.13	117.1314
32	12.038	332056		417.27	417.2697
33	12.160	288004		361.91	361.9126
	12.791	1777993	AR1248	435.89	435.8881
35	12.916	209064		189.86	189.8611
36	13.196	481199		437.00	437.0002
37	13.476	15182		16.12	16.1192
38	13.687	104036		110.46	110.4575
39	13.852	211743		224.81	224.8127
41	14.217	595952		632.74	632.7363
42	14.455	66084		70.16	70.1633
43	14.663	37601		39.92	39.9223
44	14.863	157708		167.44	167.4426
45	14.980	487529		517.62	517.6212
46	15.111	175712		186.56	186.5574
47	15.298	20762		22.04	22.0432
48	15.601	24162		25.65	25.6533
49	15.801	110122		116.92	116.9189
50	16.004	133336		141.57	141.5662
51	16.188	83043		88.17	88.1689
52	16.392	268000		284.54	284.5416
53	16.676	1167		1.24	1.2393
54	16.735	3089		3.28	3.2796
55	16.837	3857		4.10	4.0954
56	16.942	73909		78.47	78.4704
57	17.045	34406		36.53	36.5301
58	17.167	169476		179.94	179.9365
59	17.474	2175		2.31	2.3096
60	17.579	19473		20.67	20.6747
61	17.772	36131		38.36	38.3607
62	18.216	17207		18.27	18.2693
63	18.319	144078		152.97	152.9706
64	18.575	12854		13.65	13.6471
65	18.738	2099		2.23	2.2286
66	18.953	54683		58.06	58.0585
67	19.265	11842		12.57	12.5733
68	19.438	3041		3.23	3.2286
69	19.700	7360		7.81	7.8143
70	19.785	4236		4.50	4.4980
71	19.948	397		0.42	0.4220
72	20.123	11525		0.38	0.3754
73	20.229	9065		0.30	0.2953
74	20.467	3128		0.10	0.1019
75	20.562	1046		0.03	0.0341
76	20.716	7361		0.24	0.2398
77	20.846	1105		0.04	0.0360
78	21.093	15149		0.49	0.4934
79	21.339	1334		0.04	0.0434
80	21.548	48653		1.58	1.5846
81	21.793	27728		0.90	0.9031
82	21.936	399		0.01	0.0130
83	22.019	269		0.01	0.0088
84	22.293	12011		0.39	0.3912
85	22.421	4347		0.14	0.1416
86	22.491	3392		0.11	0.1105
87	22.866	4102		0.13	0.1336
88	23.012	434		0.01	0.0141
89	23.165	344		0.01	0.0112
90	23.241	407		0.01	0.0133
91	23.697	3385		0.11	0.1102

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
32	24.244	14924		0.49	0.4861
33	24.487	530		0.02	0.0173
34	24.788	3224		0.11	0.1050
35	25.007	4080		0.13	0.1329
36	25.315	6098		0.20	0.1986
37	25.479	2247		0.07	0.0732
38	25.628	1996		0.07	0.0650
39	25.864	1192		0.04	0.0388
40	26.165	0	Decachlorobiphenyl	0.00	0.0000
41	26.179	1634		0.05	0.0532
42	26.266	318		0.01	0.0104
43	26.491	1584		0.05	0.0516
44	26.947	4221		0.14	0.1375
45	27.041	552		0.02	0.0180
46	27.096	419		0.01	0.0136
47	27.446	3204		0.10	0.1043
48	28.371	51598		1.68	1.6806
49	28.834	19686		0.64	0.6412
50	28.994	2864		0.09	0.0933
51	29.683	787		0.03	0.0256
52	30.100	5461		0.18	0.1779
53	30.551	1539		0.05	0.0501
54	30.876	1137		0.04	0.0370
55	31.297	1225		0.04	0.0399
		8170204		5851.16	5851.1564

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
40	14.078	430260	AR1248-4	456.82	456.8164
27	10.757	552872	AR1248-1	445.78	445.7843
31	11.905	352548	AR1248-2	443.02	443.0205
34	12.791	442313	AR1248-3	401.69	401.6862
		1777993		1747.31	1747.3075

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

Report stored in ASCII file: C:\DATA65\I224035.TX0

Chromatogram - ECD#1

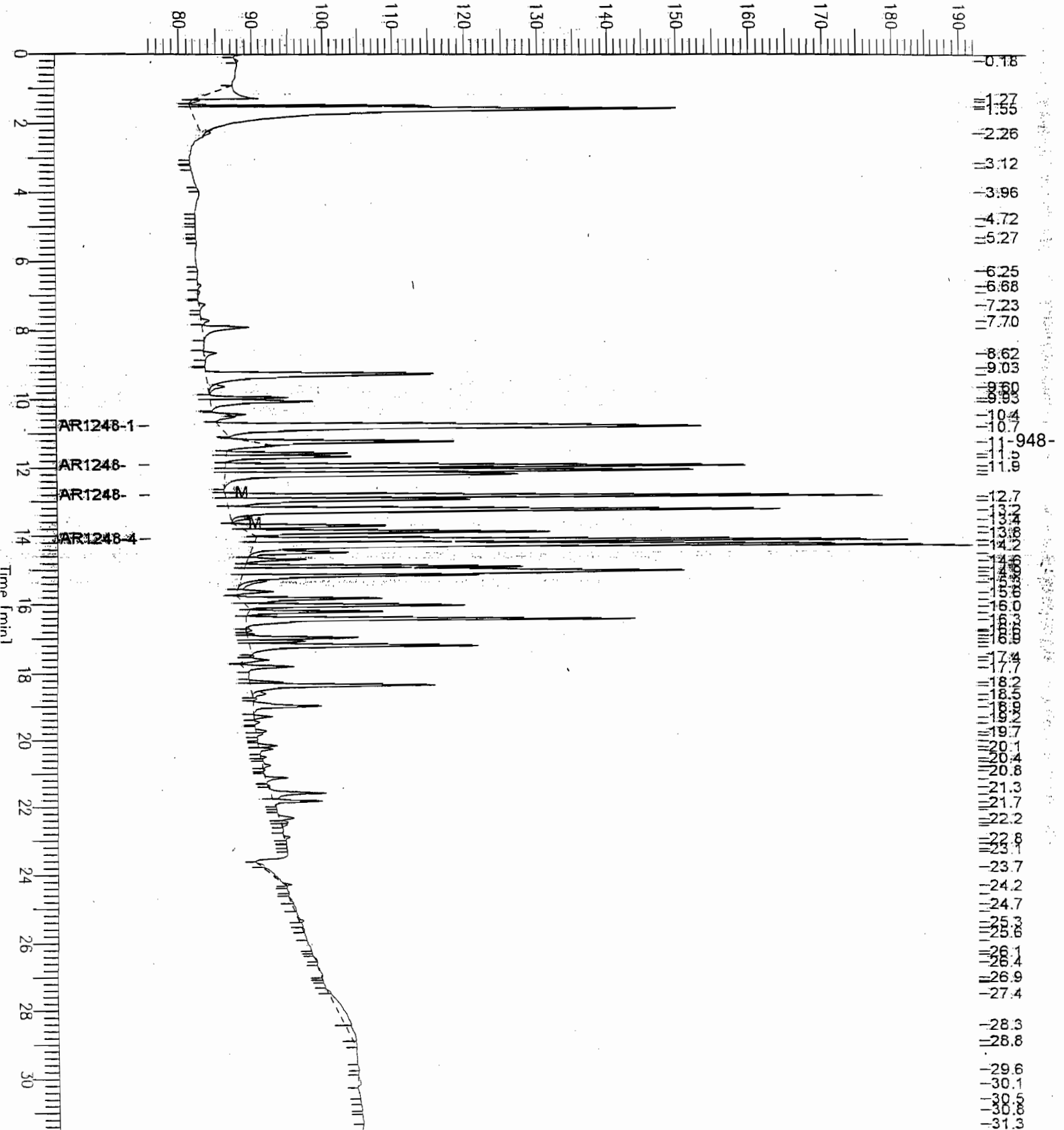
Sample Name : AR1248 500PPB
File Name : C:\DATA65\I224035.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 76 mV

Sample #: 35
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 01:14 PM
Low Point : 75.90 mV
Plot Scale: 116.4 mV
High Point : 192.27 mV

Page 1 of 1

Response [mV]



oftware Version: 4.1<2F12>
ample Name : AR1248 1000PPB Time : 3/1/05 11:51 AM
ample Number: 35 Study :
perator : manager

nstrument : HP-SFC Channel : A A/D mV Range : 1000
utoSampler : HP7673A
ack/Vial : 0/35

nterface Serial # : NONE Data Acquisition Time: 2/25/05 01:14 PM
elay Time : 0.00 min.
nd Time : 32.00 min.
ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224035.RAW
esult File : C:\DATA65\H224035.rst
nst Method : PCB2CH from C:\DATA65\H224035.rst
roc Method : C:\DATA65\H1248228.mth
alib Method : C:\DATA65\H1248228.mth
equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL Area Reject : 99.000000
ample Amount : 1.0000 Dilution Factor : 1.00

oise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
ultiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000 -949-
Solids : SDG Name :
ate Recieve : Client Name :
EC Sample N :

nstrument Conditions:
IP-SFC

total number of peaks detected: 107

PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	102900		11.56	11.5611
2	1.008	80932		9.09	9.0930
3	1.065	500934		56.28	56.2814
4	2.331	5114		0.57	0.5746
5	2.946	4723		0.53	0.5306
6	4.012	704		0.08	0.0790
7	5.026	198		0.02	0.0223
8	6.210	1247		0.14	0.1401
9	6.843	3683		0.41	0.4138

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	7.137	423		0.05	0.0475
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000
11	7.827	5068		0.57	0.5694
12	8.104	6431		0.72	0.7226
13	8.417	43483		4.89	4.8854
14	8.899	9652		1.08	1.0844
15	9.750	152678		17.15	17.1538
16	9.851	86693		9.74	9.7402
17	10.085	13762		34.67	34.6745
18	10.396	61552		155.09	155.0885
19	10.513	70938		178.74	178.7371
20	10.810	4971		12.53	12.5255
21	11.030	1542		3.89	3.8861
22	11.311	27499		69.29	69.2879
23	11.410	14523		36.59	36.5932
24	11.721	292642		737.35	737.3453
25	11.810	309103		778.82	778.8212
26	11.896	234247		590.21	590.2113
27	12.316	182915		460.88	460.8752
28	12.466	38962		98.17	98.1685
29	12.608	9242		23.29	23.2873
31	12.995	391073		985.35	985.3533
32	13.149	137849		347.33	347.3252
34	13.667	156830		392.40	392.4014
35	13.843	51362		128.51	128.5111
36	14.143	371894		930.51	930.5069
37	14.524	3670		7.41	7.4061
38	14.690	8699		17.56	17.5560
39	14.804	11823		23.86	23.8596
40	14.989	21986		44.37	44.3702
41	15.135	380416		767.72	767.7159
	15.241	1734072	AR1248	1051.82	1051.8163
13	15.383	578927		1168.33	1168.3286
15	16.043	378360		1061.10	1061.0966
16	16.220	153545		430.61	430.6104
17	16.507	31698		88.90	88.8967
18	16.607	8181		22.94	22.9427
19	16.708	108740		304.96	304.9571
50	17.028	152166		426.74	426.7448
51	17.208	107491		301.46	301.4558
52	17.389	277221		777.46	777.4562
53	17.724	84742		237.66	237.6571
54	17.879	29681		83.24	83.2392
55	18.066	29082		81.56	81.5606
56	18.202	10722		30.07	30.0706
57	18.390	22721		63.72	63.7206
58	18.589	219079		614.40	614.4002
59	18.934	31567		88.53	88.5295
50	19.144	47251		132.51	132.5130
51	19.388	1957		5.49	5.4888
52	19.522	160449		449.97	449.9735
53	19.771	6449		18.09	18.0854
54	19.959	8094		22.70	22.6996
55	20.138	59668		167.34	167.3358
56	20.536	8977		25.17	25.1747
57	20.742	3483		9.77	9.7670
58	20.954	510		1.43	1.4298
59	21.142	12529		35.14	35.1377
70	21.301	6729		18.87	18.8710
71	21.419	2441		6.84	6.8445
72	21.498	1577		4.42	4.4224
73	21.649	3651		10.24	10.2399
74	21.806	1874		5.26	5.2569
75	22.253	29595		1.76	1.7563
76	22.521	15057		0.89	0.8935
77	22.608	27853		1.65	1.6529
78	22.891	604		0.04	0.0358
79	23.600	17084		1.01	1.0138
80	23.859	8863		0.53	0.5260
81	24.045	606		0.04	0.0360
82	24.124	373		0.02	0.0221
83	24.951	9250		0.55	0.5489
84	25.737	16694		0.99	0.9907
85	26.829	28759		1.71	1.7066
86	27.428	23635		1.40	1.4026
87	27.759	18148		1.08	1.0769
0	27.786		0 Decachlorobiphenyl	0.00	0.0000
88	27.998	6817		0.40	0.4046
89	28.130	4445		0.26	0.2638

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
00	28.251	3991		0.24	0.2368
01	28.454	3923		0.23	0.2328
02	28.629	971		0.06	0.0576
03	28.798	466		0.03	0.0277
04	28.976	1195		0.07	0.0709
05	29.112	306		0.02	0.0182
06	29.227	479		0.03	0.0284
07	29.707	273		0.02	0.0162
08	29.919	1005		0.06	0.0596
09	30.130	786		0.05	0.0466
10	30.267	268		0.02	0.0159
11	30.482	379		0.02	0.0225
12	30.722	858		0.05	0.0509
13	30.860	398		0.02	0.0236
14	31.066	384		0.02	0.0228
15	31.317	449		0.03	0.0267
16	31.627	579		0.03	0.0344
17	31.770	381		0.02	0.0226
		8310874		14697.47	14697.4741

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
04	15.863	382013	AR1248-4	1071.34	1071.3431
10	12.826	400726	AR1248-1	1009.67	1009.6745
13	13.508	411456	AR1248-2	1029.49	1029.4937
12	15.241	539877	AR1248-3	1089.52	1089.5232
		1734072		4200.03	4200.0345

-951-

=====

NSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\H224035.TX0

Chromatogram — ECD#1

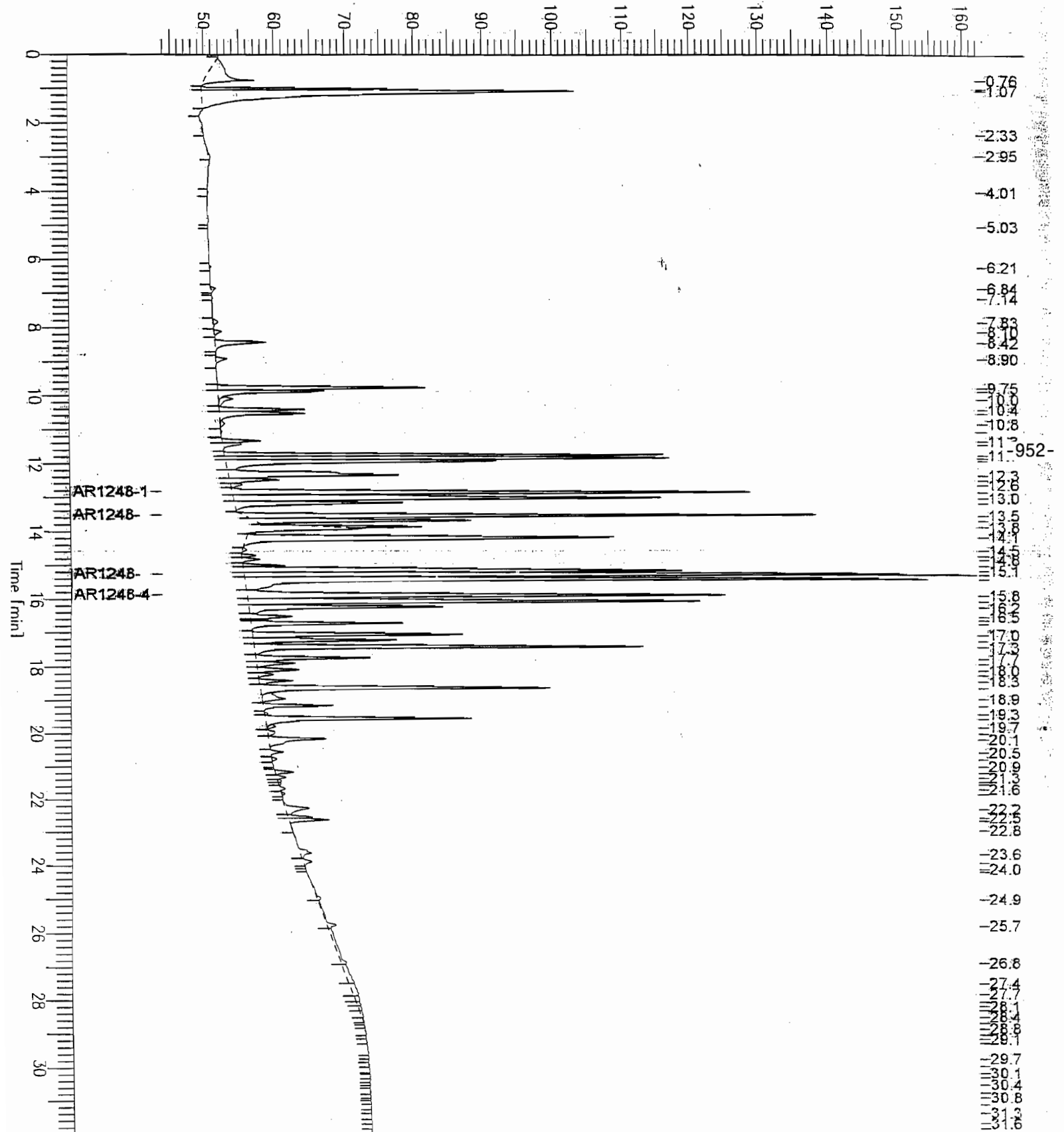
Sample Name : AR1248 1000PPB
fileName : C:\DATA65\H224035.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 44 mV

Sample #: 35
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 01:14 PM
Low Point : 43.73 mV
High Point : 162.16 mV
Plot Scale: 118.4 mV

Page 1 of 1

Response [mV]



oftware Version: 4.1<2F12>

ample Name : AR1248 1000PPB

Time : 3/1/05 11:51 AM

ample Number: 36

Study :

perator : manager

nstrument : HP-SFC

Channel : B

A/D mV Range : 1000

utoSampler : HP7673A

ack/Vial : 0/35

nterface Serial # : NONE Data Acquisition Time: 2/25/05 01:50 PM

elay Time : 0.00 min.

nd Time : 32.00 min.

ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\I224036.RAW

esult File : C:\DATA65\I224036.rst

nst Method : PCB2CH from C:\DATA65\I224036.rst

roc Method : C:\DATA65\I1248228.mth

alib Method : C:\DATA65\I1248228.mth

equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL

Area Reject : 99.000000

ample Amount : 1.0000

Dilution Factor : 1.00

oise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

ultiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

ate Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

otal number of peaks detected: 110

PCB REPORT

IP-SFC CHANNNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.133	2579		0.11	0.1063
2	0.286	737		0.03	0.0304
3	1.276	125211		5.16	5.1594
4	1.494	106168		4.37	4.3747
5	1.553	949442		39.12	39.1224
6	2.246	28110		1.16	1.1583
7	2.663	1733		0.07	0.0714
8	2.839	2199		0.09	0.0906
9	3.100	1193		0.05	0.0491

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.985	8629		0.36	0.3556
11	4.795	176		0.01	0.0073
12	4.949	835		0.03	0.0344
13	6.254	3169		0.13	0.1306
14	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
15	6.683	9354		0.39	0.3855
16	6.883	4252		0.18	0.1752
17	7.236	12007		0.49	0.4948
18	7.576	144		0.01	0.0060
19	7.694	13560		0.56	0.5588
20	7.890	107811		4.44	4.4424
21	8.623	27793		22.41	22.4097
22	9.235	566943		457.13	457.1297
23	9.605	28246		22.77	22.7745
24	9.928	111308		89.75	89.7482
25	10.032	194999		157.23	157.2286
26	10.415	48538		39.14	39.1364
27	10.483	30082		24.26	24.2551
28	11.203	451009		363.65	363.6519
29	11.334	29946		37.63	37.6306
30	11.551	178113		223.82	223.8212
31	11.647	202005		253.84	253.8447
32	12.039	685082		860.89	860.8906
33	12.160	604827		760.04	760.0399
34	12.917	449842		408.52	408.5235
35	13.196	1054452		957.60	957.5999
36	13.476	34967		37.13	37.1255
37	13.688	240320		255.15	255.1531
38	13.852	480040		509.67	509.6698
39	14.078	3820168	AR1248	936.54	936.5425
40	14.217	1254562		1332.00	1331.9971
41	14.456	157446		167.16	167.1635
42	14.665	83627		88.79	88.7887
43	14.864	337512		358.34	358.3438
44	14.979	1110659		1179.21	1179.2118
45	15.112	346253		367.63	367.6252
46	15.300	32512		34.52	34.5184
47	15.603	47277		50.20	50.1955
48	15.802	256348		272.17	272.1703
49	16.005	298414		316.83	316.8330
50	16.189	191328		203.14	203.1369
51	16.393	595019		631.74	631.7450
52	16.676	3054		3.24	3.2420
53	16.737	7131		7.57	7.5712
54	16.838	11377		12.08	12.0791
55	16.943	177143		188.08	188.0766
56	17.047	79556		84.47	84.4660
57	17.166	401797		426.60	426.5973
58	17.476	11695		12.42	12.4167
59	17.580	40217		42.70	42.6988
60	17.773	72985		77.49	77.4898
61	18.216	39229		41.65	41.6506
62	18.319	327987		348.23	348.2314
63	18.577	24259		25.76	25.7562
64	18.744	6512		6.91	6.9139
65	18.954	119910		127.31	127.3114
66	19.266	27754		29.47	29.4668
67	19.434	8020		8.51	8.5149
68	19.700	9258		9.83	9.8296
69	19.788	8109		8.61	8.6099
70	20.124	25649		0.84	0.8354
71	20.231	19614		0.64	0.6388
72	20.469	6910		0.23	0.2251
73	20.559	1526		0.05	0.0497
74	20.716	15525		0.51	0.5056
75	20.850	2755		0.09	0.0897
76	20.992	1612		0.05	0.0525
77	21.094	33081		1.08	1.0774
78	21.339	2982		0.10	0.0971
79	21.549	29925		0.97	0.9747
80	21.795	55614		1.81	1.8114
81	22.084	495		0.02	0.0161
82	22.291	25379		0.83	0.8266
83	22.426	8902		0.29	0.2899
84	22.496	6824		0.22	0.2223
85	22.688	343		0.01	0.0112
86	22.863	1353		0.04	0.0441
87	23.013	425		0.01	0.0139
88	23.166	1107		0.04	0.0360

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	23.251	1009		0.03	0.0329
2	23.682	5013		0.16	0.1633
3	24.246	29681		0.97	0.9667
4	24.539	1204		0.04	0.0392
5	24.862	5443		0.18	0.1773
6	24.934	1883		0.06	0.0613
7	25.011	1191		0.04	0.0388
8	25.317	8365		0.27	0.2724
9	25.489	2648		0.09	0.0862
10	25.633	2986		0.10	0.0972
11	25.803	2492		0.08	0.0812
12	26.165	0	Decachlorobiphenyl	0.00	0.0000
13	26.170	4992		0.16	0.1626
14	26.718	4041		0.13	0.1316
15	26.950	2665		0.09	0.0868
16	27.030	367		0.01	0.0119
17	27.450	5477		0.18	0.1784
18	29.160	75587		2.46	2.4619
19	29.866	1193		0.04	0.0389
20	30.770	1721		0.06	0.0560
21	31.548	12111		0.39	0.3945
		17113023		12949.94	12949.9367

Group Report For : AR1248

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	14.078	936694	AR1248-4	994.51	994.5094
7	10.757	1218030	AR1248-1	982.11	982.1057
12	11.906	731136	AR1248-2	918.76	918.7631
15	12.791	934308	AR1248-3	848.49	848.4913
		3820168		3743.87	3743.8694

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=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224036.TX0

Chromatogram - ECD#1

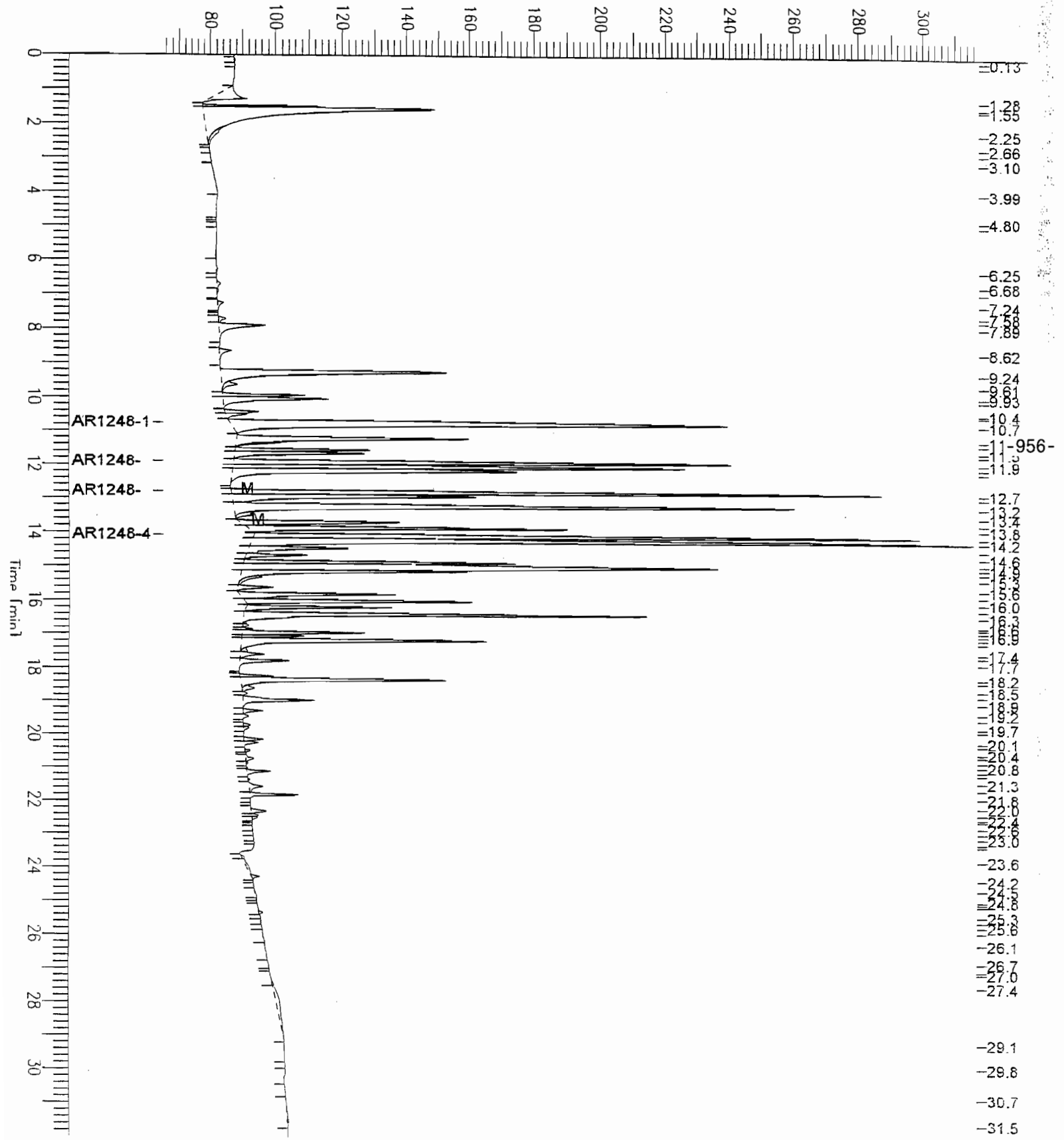
Sample Name : AR1248 1000PPB
FileName : C:\DATA65\I224036.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 65 mV

Sample #: 36
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 01:50 PM
Low Point : 65.37 mV
High Point : 317.85 mV
Plot Scale: 252.5 mV

Page 1 of 1

Response [mV]



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:51 AM

Sample Number: 36

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/36

Interface Serial # : NONE Data Acquisition Time: 2/25/05 01:50 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224036.RAW

Result File : C:\DATA65\H224036.rst

Inst Method : PCB2CH from C:\DATA65\H224036.rst

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 48

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.756	129494		14.55	14.5490
2	1.009	65963		7.41	7.4112
3	1.065	522530		58.71	58.7078
4	2.954	12179		1.37	1.3684
5	4.814	1159		0.13	0.1302
6	6.198	274		0.03	0.0308
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
7	8.928	829		0.09	0.0932
8	9.917	1674		0.19	0.1880

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	10.801	894		2.25	2.2521
10	11.457	1288		3.25	3.2463
11	12.328	350		0.88	0.8829
12	12.615	307		0.77	0.7729
13	14.896	3267		6.59	6.5934
14	15.058	1005		2.03	2.0279
	15.891	2537	AR1248	1.54	1.5389
16	16.131	1089		3.05	3.0540
17	18.376	5910		16.57	16.5734
18	18.591	8789		24.65	24.6486
19	19.585	7337		20.58	20.5767
20	19.793	1249		3.50	3.5014
21	22.266	7646		0.45	0.4537
22	22.640	640		0.04	0.0380
23	23.933	2635		0.16	0.1564
24	25.968	14831		0.88	0.8801
25	27.441	3221		0.19	0.1911
26	27.732	309		0.02	0.0183
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
27	27.842	349		0.02	0.0207
28	28.001	413		0.02	0.0245
29	28.241	994		0.06	0.0590
30	28.422	2834		0.17	0.1682
31	28.560	1761		0.10	0.1045
32	28.771	3359		0.20	0.1993
33	28.844	1473		0.09	0.0874
34	29.084	2114		0.13	0.1255
35	29.189	662		0.04	0.0393
36	29.330	1712		0.10	0.1016
37	29.499	737		0.04	0.0437
38	29.615	1030		0.06	0.0611
39	29.892	137		0.01	0.0082
40	29.995	125		0.01	0.0074
41	30.239	504		0.03	0.0299
42	30.723	630		0.04	0.0374
43	31.141	436		0.03	0.0259
44	31.191	377		0.02	0.0224
45	31.323	572		0.03	0.0340
46	31.530	565		0.03	0.0335
47	31.684	528		0.03	0.0314
48	31.950	776		0.05	0.0460
		819497		171.20	171.1955

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
15	15.891	2537	AR1248-4	7.12	7.1150
0	12.828	0	AR1248-1	0.00	0.0000
0	13.509	0	AR1248-2	0.00	0.0000
0	15.242	0	AR1248-3	0.00	0.0000
		2537		7.12	7.1150

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224036.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

File Name : C:\DATA65\H224036.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

Sample #: 36

Date : 3/1/05 11:51 AM

Time of Injection: 2/25/05 01:50 PM

Low Point : 45.68 mV

Plot Scale: 49.1 mV

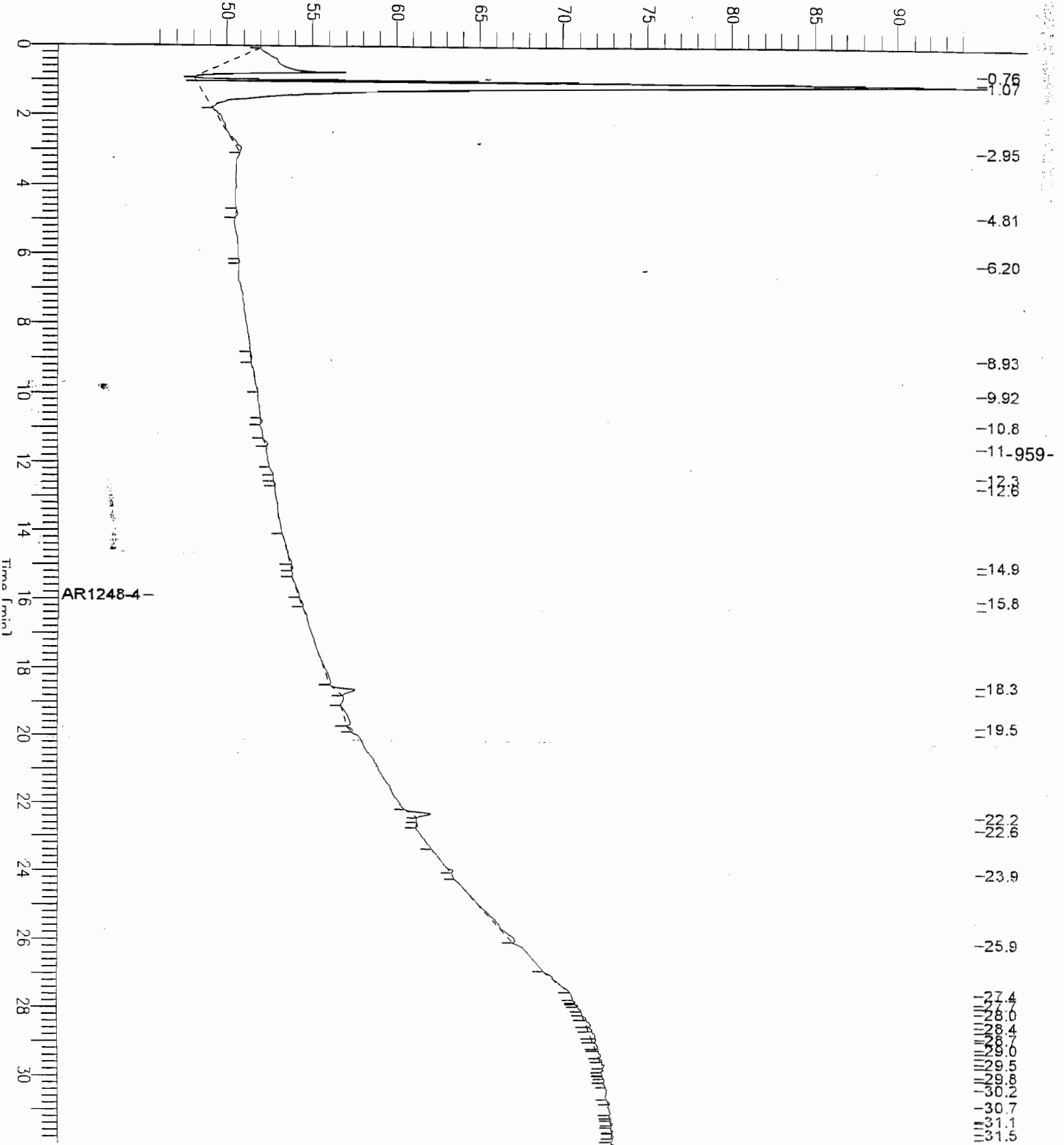
Page 1 of 1

End Time : 32.00 min

Plot Offset: 46 mV

High Point : 94.82 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:51 AM

Sample Number: 37

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/36

Interface Serial # : NONE Data Acquisition Time: 2/25/05 02:26 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224037.RAW

Result File : C:\DATA65\I224037.rst

Inst Method : PCB2CH from C:\DATA65\I224037.rst

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 93

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.182	1757		0.07	0.0724
2	0.510	235		0.01	0.0097
3	1.272	137777		5.68	5.6772
4	1.489	100330		4.13	4.1342
5	1.549	836816		34.48	34.4815
6	2.255	5855		0.24	0.2413
7	2.744	496		0.02	0.0204
8	2.865	633		0.03	0.0261
9	3.964	36595		1.51	1.5079

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.806	180		0.01	0.0074
11	5.129	513		0.02	0.0211
12	5.950	183		0.01	0.0075
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
13	6.307	1216		0.05	0.0501
14	6.711	285		0.01	0.0118
15	6.884	663		0.03	0.0273
16	7.701	1031		0.04	0.0425
17	8.886	139		0.11	0.1124
18	9.330	1049		0.85	0.8461
19	9.506	1887		1.52	1.5217
20	10.119	483		0.39	0.3898
21	10.359	315		0.25	0.2541
22	10.512	577		0.47	0.4653
23	10.584	238		0.19	0.1922
24	10.660	141		0.11	0.1140
26	10.952	126		0.10	0.1015
27	11.246	1322		1.07	1.0656
28	11.574	676		0.85	0.8489
29	11.688	496		0.62	0.6227
30	12.199	1637		2.06	2.0570
31	12.434	405		0.37	0.3675
32	12.583	146		0.13	0.1325
	12.799	1332	AR1248	0.33	0.3266
34	13.045	770		0.70	0.6994
35	13.271	285		0.26	0.2590
36	13.579	1483		1.57	1.5750
37	13.663	227		0.24	0.2415
38	14.253	3673		3.90	3.8996
39	14.483	2217		2.35	2.3534
40	14.966	3663		3.89	3.8888
41	16.029	13115		13.92	13.9248
42	16.665	1538		1.63	1.6333
43	17.056	2232		2.37	2.3693
44	17.278	1009		1.07	1.0710
45	17.557	8584		9.11	9.1139
46	18.399	49144		52.18	52.1769
47	18.613	11651		12.37	12.3701
48	19.704	9602		10.19	10.1944
49	19.936	198		0.21	0.2099
50	20.166	1345		0.04	0.0438
51	20.324	1603		0.05	0.0522
52	20.486	1255		0.04	0.0409
53	20.604	916		0.03	0.0298
54	20.791	1267		0.04	0.0413
55	20.867	551		0.02	0.0179
56	20.923	444		0.01	0.0145
57	21.110	1062		0.03	0.0346
58	21.243	730		0.02	0.0238
59	21.548	16647		0.54	0.5422
60	21.863	243		0.01	0.0079
61	22.013	393		0.01	0.0128
62	22.181	1309		0.04	0.0426
63	22.245	639		0.02	0.0208
64	22.323	988		0.03	0.0322
65	22.392	833		0.03	0.0271
66	22.554	2140		0.07	0.0697
67	22.632	1313		0.04	0.0428
68	22.694	756		0.02	0.0246
69	22.865	3396		0.11	0.1106
70	23.018	706		0.02	0.0230
71	23.087	275		0.01	0.0090
72	23.166	209		0.01	0.0068
73	23.323	732		0.02	0.0238
74	23.710	2953		0.10	0.0962
75	24.331	27504		0.90	0.8958
76	24.483	2874		0.09	0.0936
77	24.791	2628		0.09	0.0856
78	24.944	1550		0.05	0.0505
79	25.097	1325		0.04	0.0432
80	25.785	2922		0.10	0.0952
81	26.126	1027		0.03	0.0335
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
82	26.273	312		0.01	0.0101
83	26.417	417		0.01	0.0136
84	26.571	478		0.02	0.0156
85	26.885	3454		0.11	0.1125
86	27.040	1978		0.06	0.0644

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
88	28.443	57342		1.87	1.8677
89	28.800	15890		0.52	0.5175
90	30.141	1733		0.06	0.0564
91	30.682	2840		0.09	0.0925
92	30.882	1030		0.03	0.0336
93	31.512	299		0.01	0.0097
		1414549		177.26	177.2614

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	14.081	0	AR1248-4	0.00	0.0000
25	10.804	131	AR1248-1	0.11	0.1057
0	11.908	0	AR1248-2	0.00	0.0000
33	12.799	1201	AR1248-3	1.09	1.0909
		1332		1.20	1.1966

=====

NSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

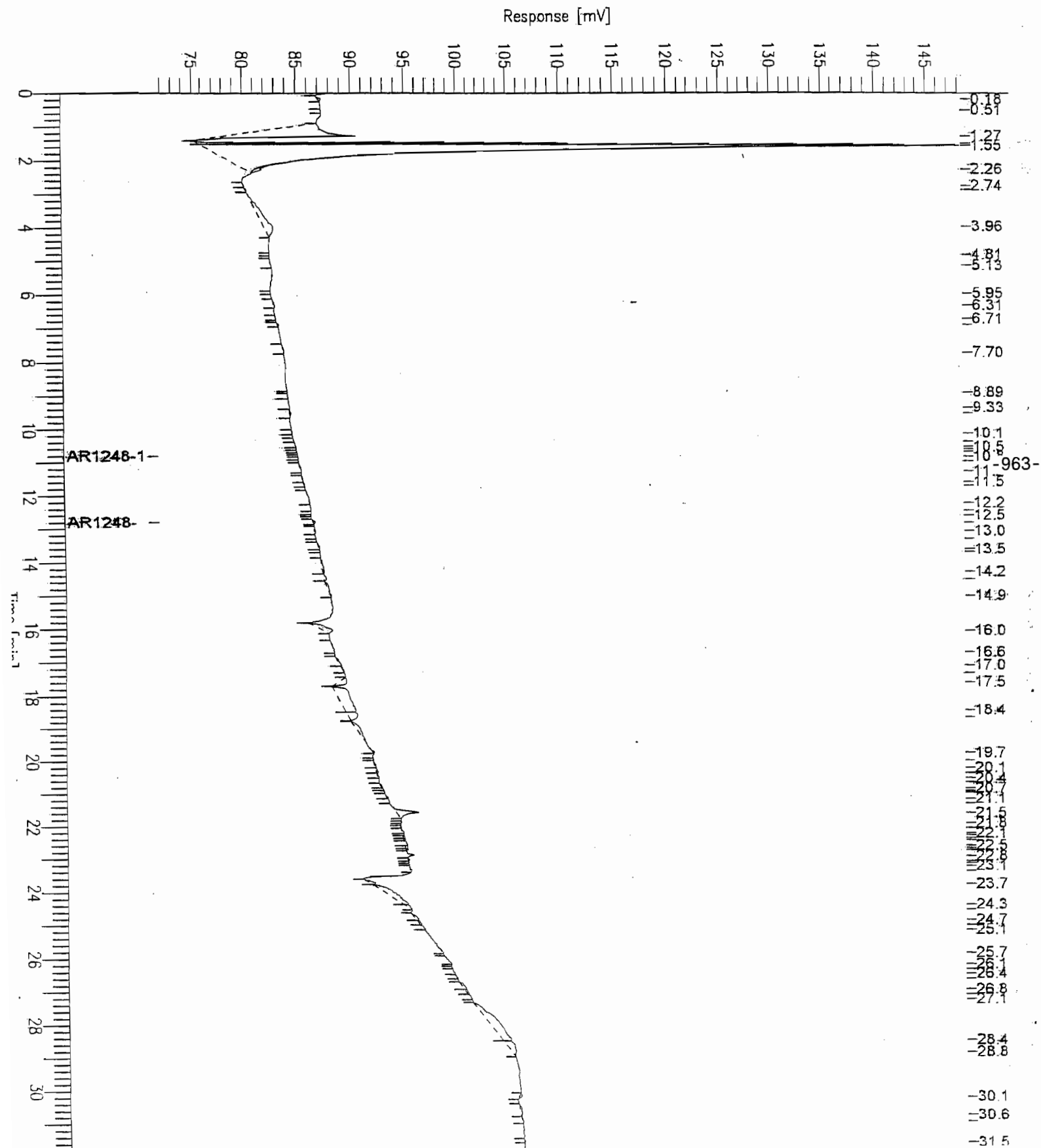
=====

Report stored in ASCII file: C:\DATA65\I224037.TX0

Chromatogram - ECD#1

Sample Name : HEXANE
 File Name : C:\DATA65\I224037.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

Sample #: 37
 Date : 3/1/05 11:51 AM
 Time of Injection: 2/25/05 02:26 PM
 Low Point : 71.67 mV
 High Point : 148.38 mV
 Plot Scale: 76.7 mV



oftware Version: 4.1<2F12>

ample Name : AR1254 5PPB

Time : 3/1/05 11:51 AM

ample Number: 37

Study :

operator : manager

nstrument : HP-SFC

Channel : A

A/D mV Range : 1000

utoSampler : HP7673A

ack/Vial : 0/37

nterface Serial # : NONE Data Acquisition Time: 2/25/05 02:26 PM

elay Time : 0.00 min.

nd Time : 32.00 min.

ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224037.RAW

esult File : C:\DATA65\H224037.rst

nst Method : PCB2CH from C:\DATA65\H224037.rst

roc Method : C:\DATA65\H1254228.mth

alib Method : C:\DATA65\H1254228.mth

equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL

Area Reject : 99.000000

ample Amount : 1.0000

Dilution Factor : 1.00

oise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

ultiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-964-

Solids :

SDG Name :

ate Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

otal number of peaks detected: 57

PCB REPORT

IP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	133557		15.01	15.0055
2	1.000	74226		8.34	8.3395
3	1.058	489469		54.99	54.9932
4	2.954	4153		0.47	0.4666
5	4.814	271		0.03	0.0305
6	6.203	319		0.04	0.0359
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
7	7.146	880		0.10	0.0989
8	9.678	1436		0.16	0.1613

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.983	805		0.09	0.0905
10	10.811	1866		0.21	0.2096
11	11.463	1188		2.26	2.2566
12	11.791	300		0.57	0.5698
13	12.623	2596		4.93	4.9317
14	12.833	2046		3.89	3.8862
15	13.006	446		0.85	0.8468
16	13.511	573		1.09	1.0894
18	15.243	826		1.57	1.5690
19	15.367	729		1.39	1.3856
20	15.852	3866		5.51	5.5147
22	16.220	972		1.39	1.3865
23	16.520	1242		1.77	1.7718
24	16.714	1300		1.75	1.7463
25	17.035	1527		2.05	2.0517
26	17.217	292		0.39	0.3926
28	17.723	728		0.98	0.9784
29	18.073	1687		2.27	2.2663
30	18.594	3837		4.95	4.9538
	19.150	15026	AR1254	5.47	5.4713
32	19.546	3854		4.97	4.9748
33	19.785	1492		1.93	1.9257
34	20.139	4416		5.70	5.7012
35	20.809	1259		1.63	1.6253
36	21.167	1477		1.91	1.9068
37	22.265	25583		33.03	33.0253
38	22.511	4282		5.53	5.5282
39	23.588	4164		0.25	0.2471
40	23.928	5229		0.31	0.3103
41	24.125	1019		0.06	0.0605
42	27.258	94590		5.61	5.6132
43	27.366	6981		0.41	0.4143
44	27.786	28119	Decachlorobiphenyl	0.00	0.0000
45	27.954	7942		1.67	1.6687
46	28.375	21376		0.47	0.4713
47	28.549	7398		1.27	1.2685
48	28.718	4283		0.44	0.4390
49	28.865	2020		0.25	0.2542
50	29.050	376		0.12	0.1199
51	29.290	329		0.02	0.0223
52	29.705	1247		0.02	0.0195
53	29.982	130		0.07	0.0740
54	30.194	498		0.01	0.0077
55	30.508	166		0.03	0.0296
56	31.100	834		0.01	0.0098
57	31.208	160		0.05	0.0495
				0.01	0.0095
975390				188.28	188.2763

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Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	19.150	4842	AR1254-4	6.25	6.2504
17	15.093	2566	AR1254-1	4.87	4.8749
21	16.027	3855	AR1254-2	5.50	5.4993
27	17.392	3764	AR1254-3	5.06	5.0560
15026				21.68	21.6805

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224037.TX0

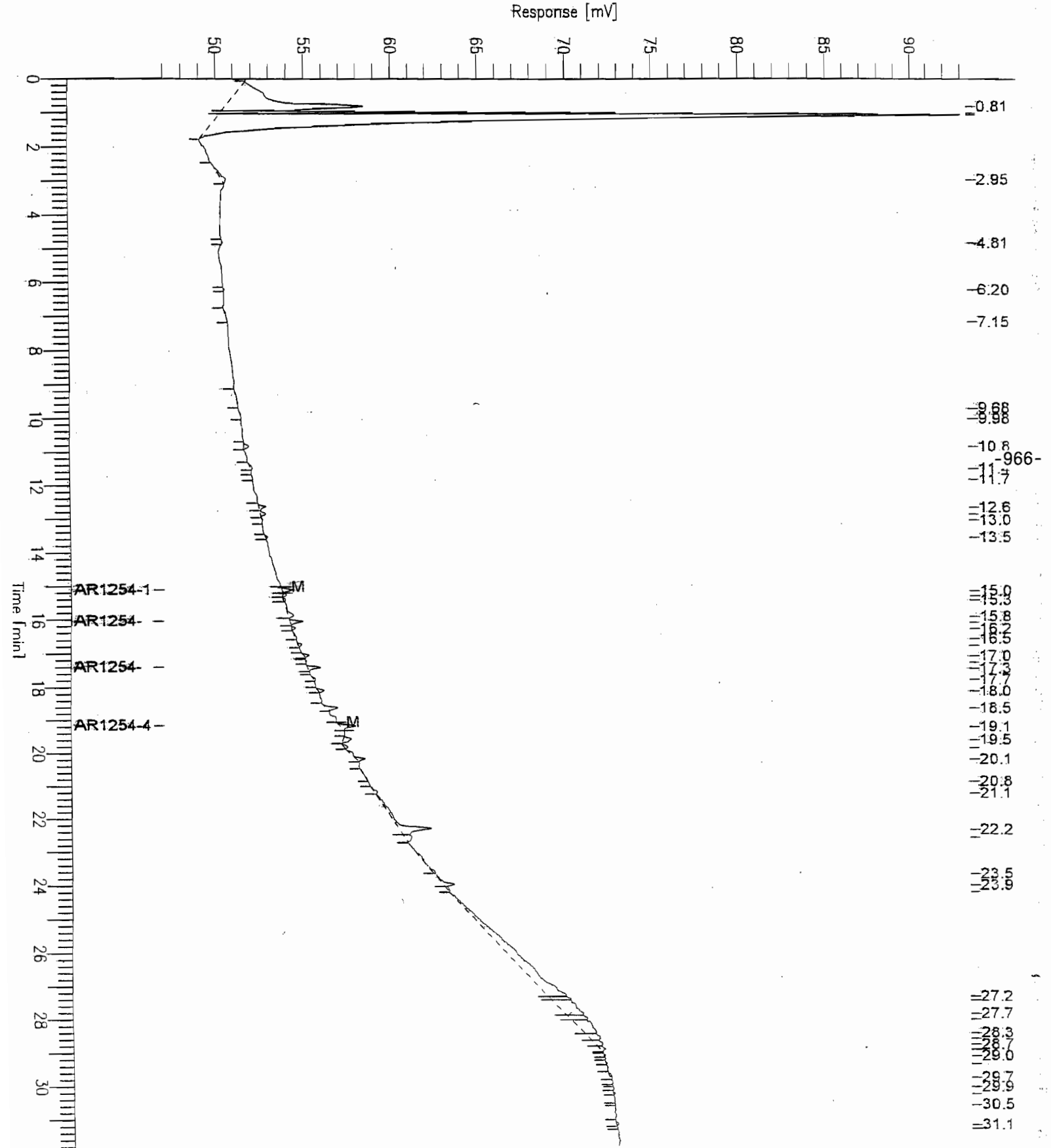
Chromatogram - ECD#1

Sample Name : AR1254 5PPB
FileName : C:\DATA65\H224037.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 47 mV

Sample #: 37
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 02:26 PM
Low Point : 46.89 mV
High Point : 93.36 mV
Plot Scale: 46.5 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1254 5PPB

Time : 3/1/05 11:51 AM

Sample Number: 38

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/37

Interface Serial # : NONE Data Acquisition Time: 2/25/05 03:02 PM

Delay Time : 0.00 min.

Run Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224038.RAW

Result File : C:\DATA65\I224038.rst

Inst Method : PCB2CH from C:\DATA65\I224038.rst

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

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Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 99

PCB REPORT

=====
P-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.206	2612		0.11	0.1076
2	1.274	97113		4.00	4.0016
3	1.487	98892		4.07	4.0749
4	1.547	875894		36.09	36.0918
5	2.248	26915		1.11	1.1090
6	2.835	490		0.02	0.0202
7	3.290	776		0.03	0.0320
8	3.793	977		0.04	0.0402
9	3.957	1331		0.05	0.0549

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.798	157		0.01	0.0065
11	5.413	325		0.01	0.0134
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
12	6.329	2171		0.09	0.0895
13	6.707	347		0.01	0.0143
14	6.877	1004		0.04	0.0414
15	7.349	807		0.03	0.0333
16	7.646	760		0.03	0.0313
17	7.712	259		0.01	0.0107
18	8.731	680		0.03	0.0280
19	8.816	169		0.01	0.0070
20	8.885	113		0.00	0.0047
21	9.328	501		0.79	0.7892
22	9.843	609		0.96	0.9597
23	10.197	123		0.19	0.1942
24	10.424	932		1.47	1.4687
25	10.499	358		0.56	0.5635
26	10.580	176		0.28	0.2777
27	10.730	190		0.30	0.3000
28	10.796	195		0.31	0.3071
29	11.118	2254		3.55	3.5518
30	11.510	445		0.70	0.7008
32	12.041	941		1.48	1.4820
33	12.786	6867		10.82	10.8207
34	13.190	837		0.63	0.6331
35	13.426	205		0.16	0.1550
36	13.570	523		0.40	0.3957
37	13.723	525		0.40	0.3974
38	14.087	2174		1.65	1.6454
40	14.463	2972		2.25	2.2494
41	14.673	3721		2.49	2.4950
43	15.057	2600		1.74	1.7433
44	15.113	2639		1.77	1.7695
45	15.314	1385		0.93	0.9286
46	16.004	7395		4.66	4.6593
47	16.237	1779		1.12	1.1208
	16.393	28181	AR1254	5.60	5.5971
49	16.510	1722		1.08	1.0848
50	16.741	1669		1.05	1.0513
51	17.051	4155		2.62	2.6180
52	17.169	4085		2.57	2.5735
53	17.560	14362		9.05	9.0484
54	17.773	21149		13.32	13.3244
55	18.220	32461		20.45	20.4516
56	18.311	14191		8.94	8.9408
57	18.576	11998		7.56	7.5590
58	18.954	10326		6.51	6.5059
59	19.267	1555		0.98	0.9798
60	19.449	916		0.58	0.5769
61	19.699	3242		2.04	2.0428
62	20.129	2746		1.73	1.7302
63	20.226	808		0.51	0.5089
64	20.310	350		0.22	0.2204
65	20.485	1036		0.65	0.6527
66	20.560	602		0.38	0.3794
67	20.632	434		0.27	0.2735
68	20.715	396		0.25	0.2495
69	21.096	2700		1.70	1.7009
70	21.547	30930		1.01	1.0074
71	21.857	1176		0.04	0.0383
72	21.929	330		0.01	0.0108
73	22.019	181		0.01	0.0059
74	22.161	800		0.03	0.0260
75	22.316	798		0.03	0.0260
76	22.557	248		0.01	0.0081
77	22.693	1124		0.04	0.0366
78	22.865	6032		0.20	0.1965
79	23.008	982		0.03	0.0320
80	23.087	293		0.01	0.0095
81	23.169	185		0.01	0.0060
82	23.321	4945		0.16	0.1611
83	23.396	18275		0.60	0.5952
84	24.331	23926		0.78	0.7793
85	24.473	672		0.02	0.0219
86	24.934	7271		0.24	0.2368
87	25.092	3390		0.11	0.1104
88	25.176	1270		0.04	0.0414
89	25.327	3067		0.10	0.0999
90	25.629	5742		0.19	0.1870

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	25.792	2546		0.08	0.0829
92	26.118	2686		0.09	0.0875
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
93	26.417	1233		0.04	0.0401
94	26.887	4092		0.13	0.1333
95	27.018	903		0.03	0.0294
96	27.179	957		0.03	0.0312
97	29.032	78905		2.57	2.5700
98	29.650	375		0.01	0.0122
99	30.790	2765		0.09	0.0901
				1517319	180.2024
				180.20	

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	16.393	8205	AR1254-4	5.17	5.1696
31	11.910	3431	AR1254-1	5.41	5.4065
39	14.202	7638	AR1254-2	5.78	5.7799
42	14.863	8907	AR1254-3	5.97	5.9712
				28181	22.3272
				22.33	

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224038.TX0

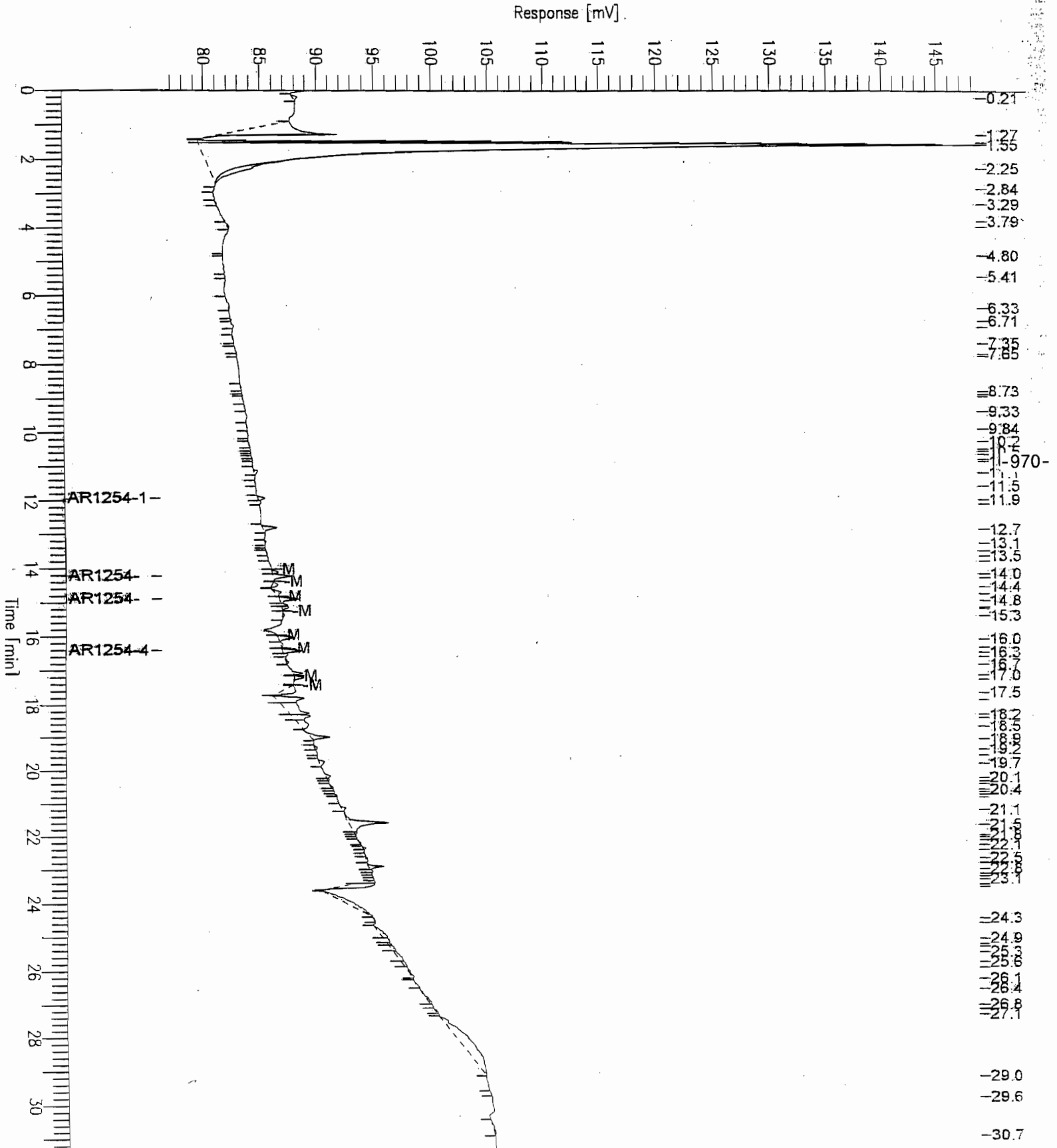
Chromatogram - ECD#1

Sample Name : AR1254 5PPB
FileName : C:\DATA65\I224038.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 76 mV

Sample #: 38
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 03:02 PM
Low Point : 76.03 mV
Plot Scale: 72.4 mV
High Point : 148.45 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1254 20PPB

Time : 3/1/05 11:51 AM

Sample Number: 38

Study :

Operator : manager

Instrument : HP-SFC

Channel : A A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/38

Interface Serial # : NONE Data Acquisition Time: 2/25/05 03:02 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224038.RAW

Result File : C:\DATA65\H224038.rst

Inst Method : PCB2CH from-C:\DATA65\H224038.rst

Proc Method : C:\DATA65\H1254228.mth

Calib Method : C:\DATA65\H1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 82

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PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.755	117813		13.24	13.2366
2	1.007	88943		9.99	9.9930
3	1.064	491176		55.19	55.1851
4	1.604	1961		0.22	0.2203
5	1.713	683		0.08	0.0767
6	2.336	4907		0.55	0.5514
7	2.958	1534		0.17	0.1723
8	4.018	336		0.04	0.0378
9	4.827	889		0.10	0.0999

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.202	1573		0.18	0.1768
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
11	7.147	545		0.06	0.0612
12	8.932	411		0.05	0.0462
13	9.376	625		0.07	0.0702
14	9.884	1001		0.11	0.1125
15	10.806	1759		0.20	0.1976
16	11.245	769		1.46	1.4610
17	11.467	1585		3.01	3.0109
18	11.788	799		1.52	1.5180
19	12.322	671		1.27	1.2749
20	12.613	8119		15.42	15.4246
21	12.826	5720		10.87	10.8658
22	12.997	1253		2.38	2.3803
23	13.507	2539		4.82	4.8240
24	13.682	673		1.28	1.2776
25	13.848	349		0.66	0.6629
26	14.140	613		1.17	1.1651
27	14.892	594		1.13	1.1285
29	15.239	3772		7.17	7.1657
30	15.374	2070		3.93	3.9318
31	15.587	328		0.47	0.4676
32	15.839	6452		9.20	9.2043
34	16.218	4072		5.81	5.8088
35	16.515	2197		3.13	3.1345
36	16.706	4161		5.94	5.9356
37	17.028	7875		10.58	10.5787
38	17.205	2082		2.80	2.7969
40	17.712	3487		4.68	4.6850
41	18.066	6066		8.15	8.1485
42	18.388	524		0.68	0.6766
43	18.592	24904		32.15	32.1490
44	18.896	4918		6.35	6.3483
	19.143	48864	AR1254	17.79	17.7918
46	19.399	178		0.23	0.2296
47	19.535	5791		7.48	7.4759
48	19.621	6142		7.93	7.9290
49	19.777	1769		2.28	2.2842
50	19.988	2287		2.95	2.9518
51	20.139	10040		12.96	12.9606
52	20.552	791		1.02	1.0210
53	20.746	891		1.15	1.1507
54	21.141	3131		4.04	4.0416
55	21.312	718		0.93	0.9273
56	21.425	443		0.57	0.5722
57	21.653	782		1.01	1.0097
58	21.810	459		0.59	0.5926
59	22.262	32430		41.86	41.8638
60	22.514	4363		5.63	5.6325
61	22.887	598		0.77	0.7725
62	23.526	1914		0.11	0.1136
63	23.928	1902		0.11	0.1128
64	25.979	9500		0.56	0.5637
65	27.293	17623		1.05	1.0458
66	27.547	6977		0.41	0.4140
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
7	27.818	6123		0.36	0.3634
8	28.001	3568		0.21	0.2118
9	28.172	1161		0.07	0.0689
0	28.828	1380		0.08	0.0819
1	28.973	556		0.03	0.0330
2	29.242	1021		0.06	0.0606
3	29.355	843		0.05	0.0500
4	29.469	1471		0.09	0.0873
5	29.603	1950		0.12	0.1157
6	29.767	1030		0.06	0.0611
7	30.053	339		0.02	0.0201
8	30.436	238		0.01	0.0141
9	30.958	654		0.04	0.0388
0	31.070	953		0.06	0.0566
1	31.207	312		0.02	0.0185
2	31.339	205		0.01	0.0122

-972-

990148

339.01

339.0130

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
45	19.143	13756	AR1254-4	17.76	17.7578
28	15.091	9411	AR1254-1	17.88	17.8779
33	16.026	12615	AR1254-2	18.00	17.9973
39	17.388	13081	AR1254-3	17.57	17.5729
		48864		71.21	71.2058

INSTR. 65 ::: DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224038.TX0

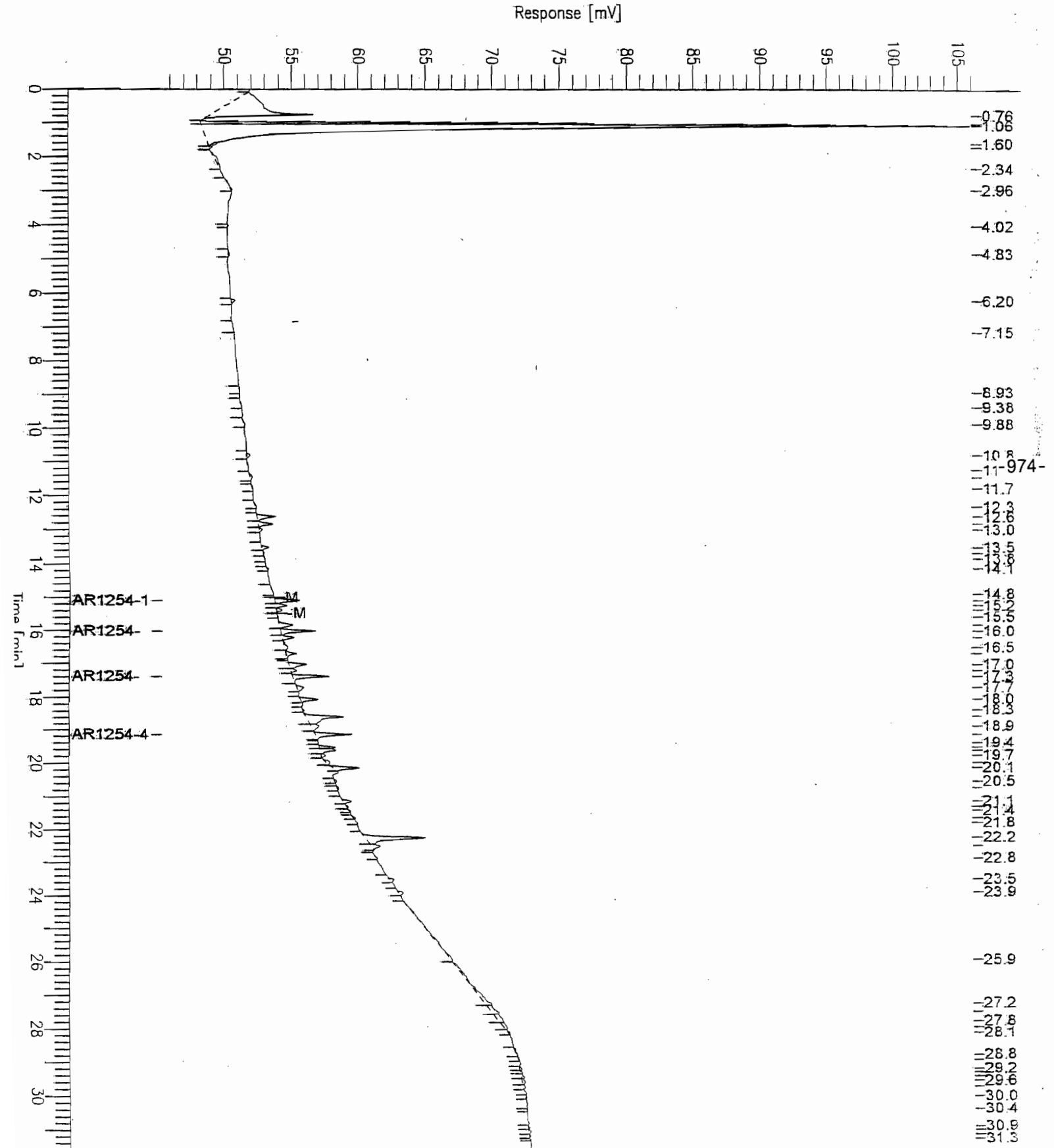
Chromatogram - ECD#1

Sample Name : AR1254 20PPB
FileName : C:\DATA65\H224038.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 45 mV

Sample #: 38
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 03:02 PM
Low Point : 45.36 mV
Plot Scale: 60.7 mV
High Point : 106.06 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1254 20PPB

Time : 3/1/05 11:51 AM

Sample Number: 39

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/38

Interface Serial # : NONE Data Acquisition Time: 2/25/05 03:38 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224039.RAW

Result File : C:\DATA65\I224039.rst

Inst Method : PCB2CH from C:\DATA65\I224039.rst

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-975-

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 100

PCB REPORT

=====
P-SFC CHANNNEL I
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.240	2556		0.11	0.1053
2	1.275	115350		4.75	4.7531
3	1.557	948250		39.07	39.0733
4	2.903	1287		0.05	0.0530
5	3.314	2128		0.09	0.0877
6	4.090	23649		0.97	0.9745
7	4.156	5025		0.21	0.2071
8	5.980	394		0.02	0.0162
0	6.255		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.331	2096		0.09	0.0864
10	6.706	225		0.01	0.0093
11	6.881	3079		0.13	0.1269
12	7.792	1453		0.06	0.0599
13	8.118	710		0.03	0.0293
14	8.735	1951		0.08	0.0804
15	8.812	282		0.01	0.0116
16	9.103	412		0.65	0.6490
17	9.337	1054		1.66	1.6603
18	9.506	663		1.04	1.0441
19	9.812	410		0.65	0.6456
20	10.047	272		0.43	0.4282
21	10.190	108		0.17	0.1703
22	10.356	149		0.23	0.2346
23	10.503	182		0.29	0.2870
24	10.578	163		0.26	0.2561
25	10.728	500		0.79	0.7881
26	11.119	3560		5.61	5.6100
27	11.552	1046		1.65	1.6485
28	11.653	1141		1.80	1.7981
30	12.032	6154		9.70	9.6973
31	12.783	24163		38.07	38.0748
32	13.195	2299		1.74	1.7397
33	13.439	241		0.18	0.1822
34	13.568	462		0.35	0.3493
35	13.714	751		0.57	0.5686
36	13.855	1514		1.15	1.1459
37	14.080	7934		6.00	6.0038
39	14.455	5444		4.12	4.1195
40	14.665	8538		5.72	5.7238
42	15.054	10107		6.78	6.7758
43	15.114	10402		6.97	6.9734
44	15.312	1043		0.70	0.6994
45	15.602	2740		1.84	1.8367
46	15.804	1843		1.16	1.1611
47	16.003	17354		10.93	10.9337
48	16.188	6093		3.84	3.8388
	16.391	98077	ARI254	19.48	19.4795
50	16.509	5180		3.26	3.2634
51	16.740	3334		2.10	2.1006
52	16.945	3418		2.15	2.1532
53	17.048	16814		10.59	10.5931
54	17.167	22953		14.46	14.4614
55	17.483	4165		2.62	2.6238
56	17.563	13096		8.25	8.2508
57	17.770	34081		21.47	21.4720
58	18.215	27887		17.57	17.5696
59	18.312	23408		14.75	14.7476
60	18.577	8725		5.50	5.4972
61	18.952	41024		25.85	25.8463
62	19.264	4278		2.70	2.6952
63	19.436	1834		1.16	1.1552
64	19.698	16611		10.47	10.4654
65	20.123	6731		4.24	4.2408
66	20.229	1899		1.20	1.1964
67	20.463	1862		1.17	1.1734
68	20.715	4945		3.12	3.1153
69	20.851	793		0.50	0.4996
70	21.093	6002		3.78	3.7815
71	21.247	406		0.26	0.2557
72	21.548	47531		1.55	1.5481
73	22.092	142		0.00	0.0046
74	22.310	5765		0.19	0.1878
75	22.560	1114		0.04	0.0363
76	22.704	1329		0.04	0.0433
77	22.865	3594		0.12	0.1171
78	23.014	393		0.01	0.0128
79	23.166	705		0.02	0.0230
80	23.238	309		0.01	0.0101
81	23.713	5499		0.18	0.1791
82	24.477	83585		2.72	2.7224
83	25.013	35019		1.14	1.1406
84	25.243	12028		0.39	0.3918
85	25.486	9435		0.31	0.3073
86	25.552	1939		0.06	0.0632
87	25.796	4816		0.16	0.1568
88	26.106	910		0.03	0.0296
0	26.165	0	Decachlorobiphenyl	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	27.044	3006		0.10	0.0979
91	27.184	1662		0.05	0.0541
92	27.438	4286		0.14	0.1396
93	28.898	51385		1.67	1.6736
94	29.158	600		0.02	0.0195
95	29.507	178		0.01	0.0058
96	29.904	380		0.01	0.0124
97	30.119	1173		0.04	0.0382
98	30.693	2473		0.08	0.0806
99	31.351	1703		0.06	0.0555
100	31.919	611		0.02	0.0199
		1856462		346.60	346.5973

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
49	16.391	29806	AR1254-4	18.78	18.7786
29	11.907	13126	AR1254-1	20.68	20.6838
38	14.200	25368	AR1254-2	19.20	19.1970
41	14.862	29777	AR1254-3	19.96	19.9634
		98077		78.62	78.6228

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

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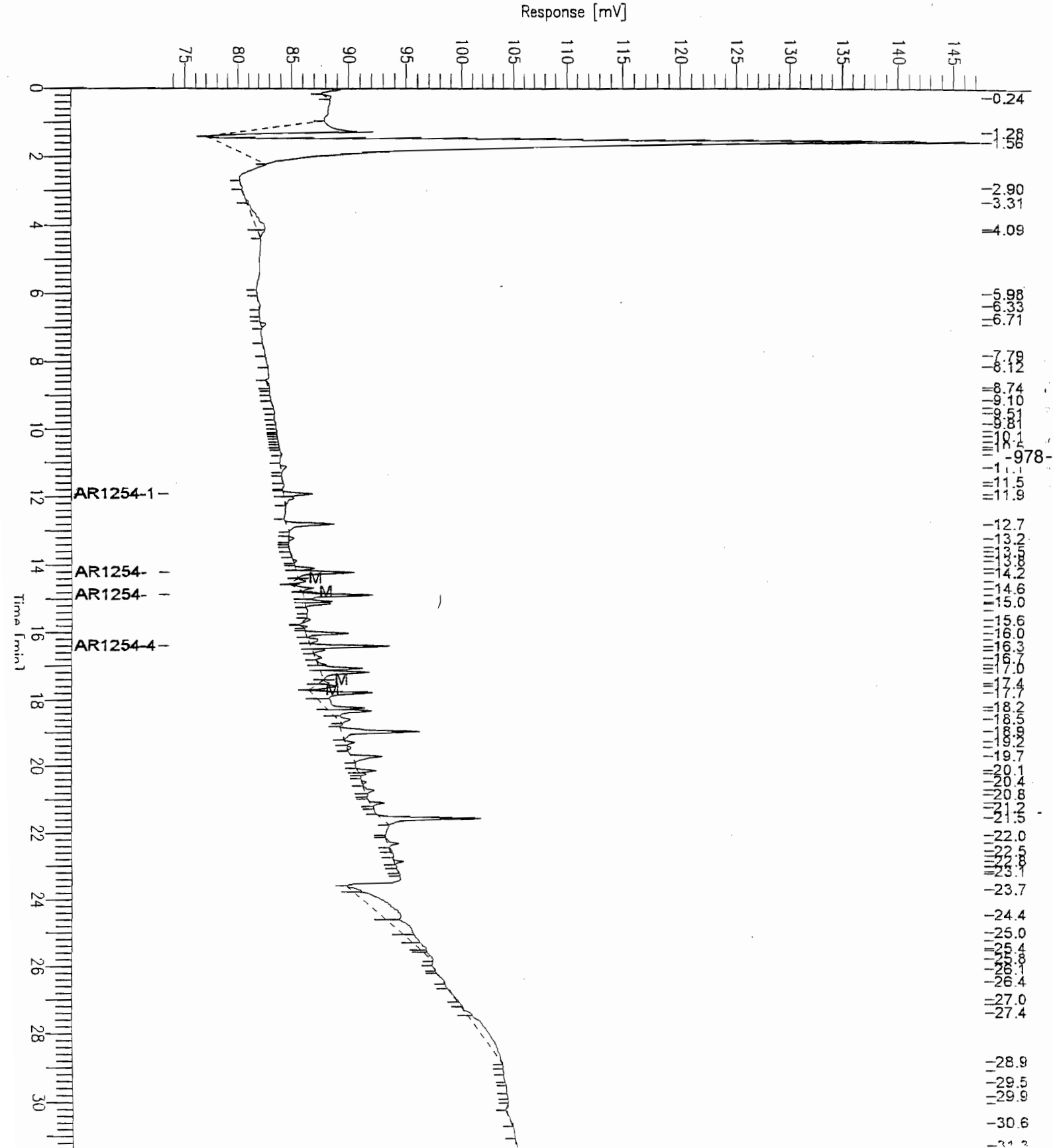
Report stored in ASCII file: C:\DATA65\I224039.TX0

Chromatogram - ECD#1

Sample Name : AR1254 20PPB
 FileName : C:\DATA65\I224039.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 74 mV

Sample #: 39
 Date : 3/1/05 11:51 AM
 Time of Injection: 2/25/05 03:38 PM
 Low Point : 73.52 mV
 Plot Scale: 74.0 mV
 High Point : 147.54 mV



AR1254-1 -

AR1254- -

AR1254- -

AR1254-4 -

Time [min]

Software Version: 4.1<2F12>

Sample Name : AR1254 100PPB

Time : 3/1/05 11:51 AM

Sample Number: 39

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/39

Interface Serial # : NONE Data Acquisition Time: 2/25/05 03:38 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224039.RAW

Result File : C:\DATA65\H224039.rst

Inst Method : PCB2CH from C:\DATA65\H224039.rst

Proc Method : C:\DATA65\H1254228.mth

Calib Method : C:\DATA65\H1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-979-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 100

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.751	36326		4.08	4.0813
2	0.999	236562		26.58	26.5784
3	1.058	1747686		196.36	196.3577
4	1.520	509262		57.22	57.2171
5	2.795	2442		0.27	0.2743
6	3.597	22793		2.56	2.5609
7	4.310	12865		1.45	1.4454
8	5.197	2949		0.33	0.3313

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.191	5997		0.67	0.6737
11	6.630	8949		1.01	1.0054
12	7.022	17908		2.01	2.0120
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
13	7.757	1175		0.13	0.1320
14	8.917	2613		0.29	0.2935
15	9.206	5688		0.64	0.6390
16	9.458	4954		0.56	0.5566
17	9.694	5075		0.57	0.5702
18	9.878	4933		0.55	0.5543
19	10.169	309		0.03	0.0348
20	10.364	976		0.11	0.1096
21	10.482	866		0.10	0.0973
22	10.796	2635		0.30	0.2960
23	11.148	1052		2.00	1.9987
24	11.470	3612		6.86	6.8623
25	11.824	6653		12.64	12.6385
26	12.315	1443		2.74	2.7409
27	12.614	19521		37.09	37.0852
28	12.826	36634		69.59	69.5947
29	12.994	9318		17.70	17.7017
30	13.141	1498		2.85	2.8458
31	13.506	15529		29.50	29.5011
32	13.672	977		1.86	1.8556
33	13.839	725		1.38	1.3778
34	14.140	5938		11.28	11.2800
35	14.445	865		1.64	1.6426
36	14.631	2495		4.74	4.7407
37	14.797	3230		6.14	6.1359
39	15.239	27165		51.61	51.6052
40	15.373	16773		31.86	31.8633
41	15.583	1249		1.78	1.7817
42	15.843	38359		54.72	54.7235
44	16.219	25208		35.96	35.9622
45	16.510	4548		6.49	6.4889
46	16.707	19312		27.55	27.5514
47	16.877	4282		5.75	5.7520
48	17.027	53779		72.24	72.2447
49	17.205	13282		17.84	17.8427
	17.388	291153	AR1254	106.01	106.0125
51	17.711	24433		32.82	32.8217
52	17.880	1654		2.22	2.2214
53	18.065	35506		47.70	47.6977
54	18.388	4331		5.59	5.5906
55	18.588	87026		112.34	112.3415
56	18.893	15798		20.39	20.3936
58	19.393	3733		4.82	4.8195
59	19.529	48134		62.14	62.1356
60	19.619	38268		49.40	49.3996
61	19.771	10817		13.96	13.9634
62	19.968	15016		19.38	19.3840
63	20.137	86658		111.87	111.8670
64	20.282	19579		25.27	25.2745
65	20.535	6646		8.58	8.5799
66	20.744	3887		5.02	5.0176
67	21.134	29682		38.32	38.3170
68	21.298	7340		9.48	9.4757
69	21.414	5505		7.11	7.1063
70	21.646	3622		4.68	4.6759
71	21.805	2283		2.95	2.9474
72	22.260	72385		93.44	93.4411
73	22.518	19733		25.47	25.4735
74	22.863	4729		6.10	6.1043
75	23.194	2058		2.66	2.6564
76	23.526	11063		0.66	0.6565
77	23.694	2334		0.14	0.1385
78	23.926	3512		0.21	0.2084
79	24.586	9758		0.58	0.5791
80	24.959	6833		0.41	0.4055
81	25.519	7313		0.43	0.4340
82	25.966	8726		0.52	0.5178
83	26.791	17834		1.06	1.0583
84	27.363	14315		0.85	0.8495
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
85	27.856	15342		0.91	0.9104
86	27.992	1001		0.06	0.0594
87	28.307	3809		0.23	0.2261
88	28.551	709		0.04	0.0421

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	29.179	578		0.03	0.0343
91	29.224	305		0.02	0.0181
92	29.391	365		0.02	0.0216
93	30.017	463		0.03	0.0275
94	30.194	497		0.03	0.0295
95	30.604	135		0.01	0.0080
96	30.842	681		0.04	0.0404
97	31.377	1092		0.06	0.0648
98	31.513	1027		0.06	0.0609
99	31.683	709		0.04	0.0421
100	31.946	581		0.03	0.0345
		3914118		1635.89	1635.8908

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
57	19.143	76470	AR1254-4	98.72	98.7150
38	15.090	60210	AR1254-1	114.38	114.3809
43	16.025	76043	AR1254-2	108.48	108.4849
50	17.388	78431	AR1254-3	105.36	105.3607
		291153		426.94	426.9415

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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Report stored in ASCII file: C:\DATA65\H224039.TX0

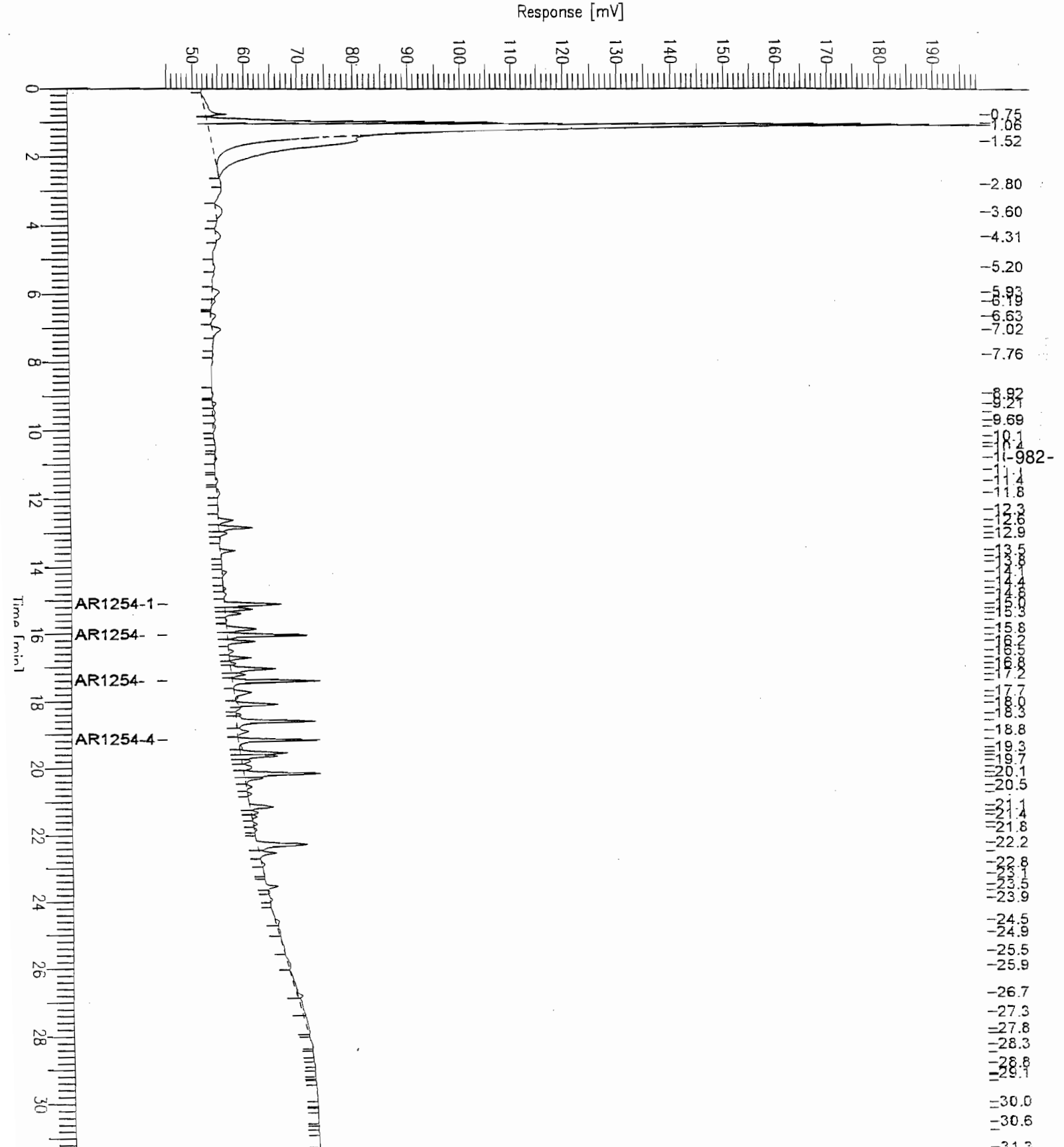
Chromatogram - ECD#1

Sample Name : AR1254 100PPB
 FileName : C:\DATA65\H224039.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 44 mV

Sample #: 39
 Date : 3/1/05 11:51 AM
 Time of Injection: 2/25/05 03:38 PM
 Low Point : 44.45 mV
 Plot Scale: 154.3 mV

Page 1 of 1
 High Point : 198.76 mV



Software Version: 4.1<2F12>

Sample Name : AR1254 100PPB

Time : 3/1/05 11:51 AM

Sample Number: 40

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/39

Interface Serial # : NONE Data Acquisition Time: 2/25/05 04:17 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224040.RAW

Result File : C:\DATA65\I224040.rst

Inst Method : PCB2CH from C:\DATA65\I224040.rst

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-983-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 103

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.275	358915		14.79	14.7893
2	1.556	955120		39.36	39.3563
3	3.650	3908		0.16	0.1610
4	4.174	4738		0.20	0.1952
5	4.319	160		0.01	0.0066
6	4.718	226		0.01	0.0093
7	5.288	11898		0.49	0.4903
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
8	6.487	509		0.02	0.0210

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.886	7455		0.31	0.3072
10	7.336	821		0.03	0.0338
11	8.113	2640		0.11	0.1088
12	8.808	6916		0.28	0.2850
13	9.093	7427		11.70	11.7037
14	9.252	5259		8.29	8.2875
15	9.451	3315		5.22	5.2237
16	9.807	434		0.68	0.6846
17	10.057	279		0.44	0.4396
18	10.194	192		0.30	0.3026
19	10.426	1156		1.82	1.8214
20	10.580	1684		2.65	2.6534
21	10.760	5850		9.22	9.2185
22	11.128	715		1.13	1.1274
23	11.398	642		1.01	1.0120
24	11.554	1927		3.04	3.0360
25	11.658	2312		3.64	3.6432
27	12.039	34344		54.12	54.1170
28	12.585	1566		2.47	2.4678
29	12.790	73062		115.13	115.1266
30	13.198	16268		12.31	12.3108
31	13.412	715		0.54	0.5409
32	13.691	2145		1.62	1.6233
33	13.855	12202		9.23	9.2343
34	14.081	43962		33.27	33.2686
36	14.458	24722		18.71	18.7082
37	14.666	36650		24.57	24.5707
39	15.056	57035		38.24	38.2373
40	15.114	65836		44.14	44.1376
41	15.299	9743		6.53	6.5322
42	15.598	6148		4.12	4.1218
43	15.803	55311		34.85	34.8478
44	16.005	82034		51.68	51.6844
45	16.190	6915		4.36	4.3569
	16.393	530534	AR1254	105.37	105.3719
47	16.509	18339		11.55	11.5544
48	16.738	21821		13.75	13.7480
49	16.849	7233		4.56	4.5571
50	16.945	17403		10.96	10.9643
51	17.048	91827		57.85	57.8539
52	17.167	137732		86.78	86.7760
53	17.481	16051		10.11	10.1125
54	17.564	33359		21.02	21.0170
55	17.770	103839		65.42	65.4222
56	18.216	54090		34.08	34.0784
57	18.312	91943		57.93	57.9272
58	18.579	19698		12.41	12.4105
59	18.744	9891		6.23	6.2317
60	18.953	207262		130.58	130.5819
61	19.271	23377		14.73	14.7286
62	19.437	8219		5.18	5.1783
63	19.565	187		0.12	0.1176
64	19.698	23068		14.53	14.5335
65	19.780	14802		9.33	9.3256
66	20.123	36769		23.17	23.1659
67	20.229	16974		10.69	10.6944
68	20.467	8405		5.30	5.2951
69	20.716	26648		16.79	16.7892
70	20.846	4797		3.02	3.0222
71	20.990	2884		1.82	1.8172
72	21.093	28971		18.25	18.2529
73	21.314	532		0.02	0.0173
74	21.548	62090		2.02	2.0223
75	21.929	171		0.01	0.0056
76	22.000	255		0.01	0.0083
77	22.225	3079		0.10	0.1003
78	22.309	24198		0.79	0.7881
79	22.491	2195		0.07	0.0715
80	22.863	9917		0.32	0.3230
81	23.010	6504		0.21	0.2118
82	23.138	15899		0.52	0.5178
83	23.320	31359		1.02	1.0214
84	23.567	9654		0.31	0.3144
85	24.251	32212		1.05	1.0492
86	24.332	4614		0.15	0.1503
87	24.484	6020		0.20	0.1961
88	24.943	4886		0.16	0.1591
89	25.006	575		0.02	0.0187

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	25.556	671		0.02	0.0218
92	25.793	1256		0.04	0.0409
93	26.121	1363		0.04	0.0444
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
94	26.251	139		0.00	0.0045
95	26.429	640		0.02	0.0208
96	26.494	390		0.01	0.0127
97	27.198	4831		0.16	0.1573
98	27.434	5348		0.17	0.1742
99	28.957	112830		3.67	3.6749
00	29.584	19776		0.64	0.6441
01	30.080	4027		0.13	0.1312
02	30.520	1780		0.06	0.0580
03	31.114	1204		0.04	0.0392
		3841502		1324.45	1324.4540

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
46	16.393	165245	AR1254-4	104.11	104.1100
26	11.910	65798	AR1254-1	103.68	103.6799
35	14.203	140587	AR1254-2	106.39	106.3900
38	14.864	158904	AR1254-3	106.53	106.5324
		530534		420.71	420.7124

-985-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224040.TX0

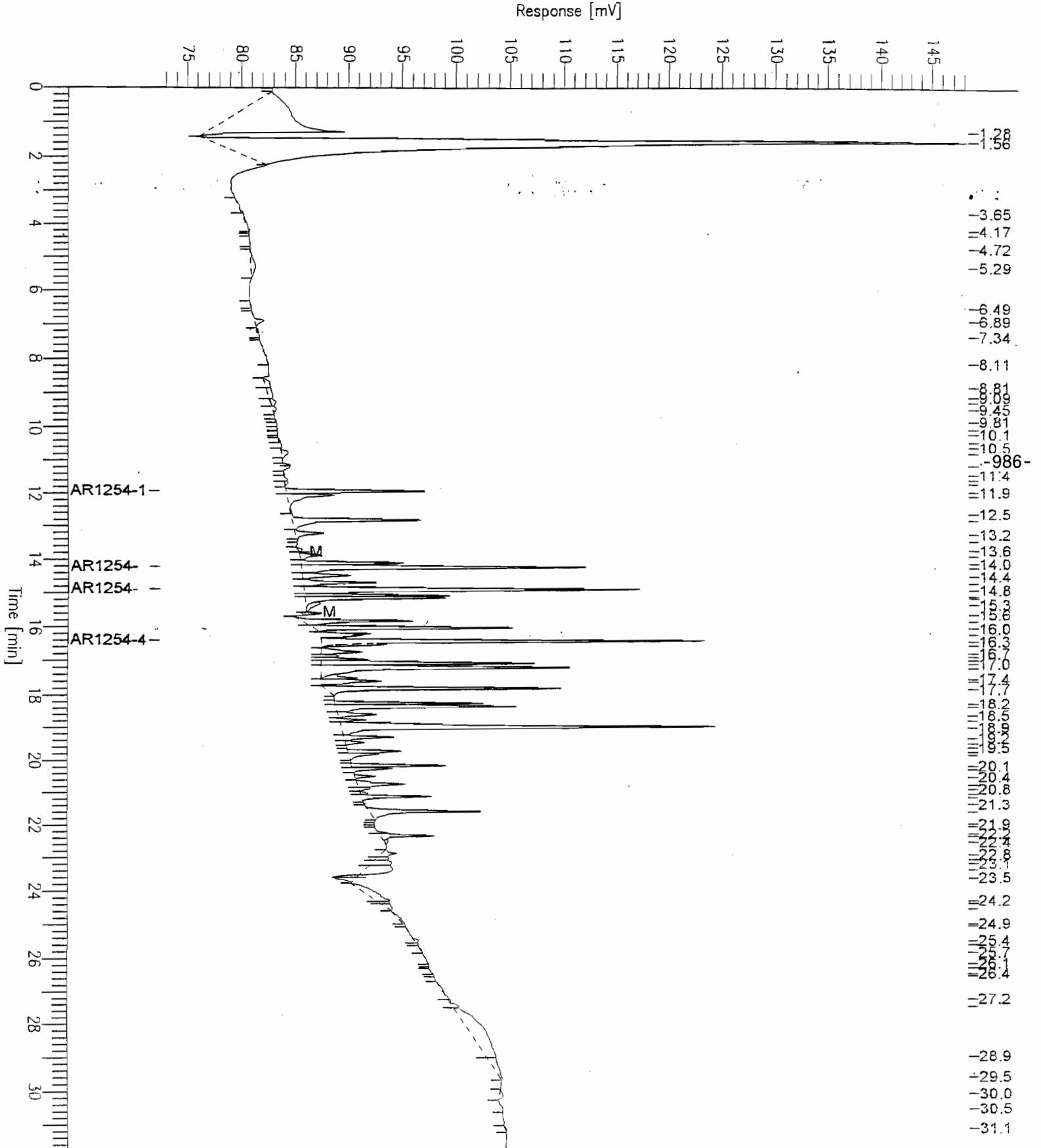
Chromatogram - ECD#1

Sample Name : AR1254 100PPB
FileName : C:\DATA65\I224040.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 72 mV

Sample #: 40
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 04:17 PM
Low Point : 72.49 mV
Plot Scale: 75.9 mV
High Point : 148.38 mV

Page 1 of 1



Software Version: 4.1<2F12>
Sample Name : AR1254 250PPB
Sample Number: 40
Operator : manager

Time : 3/1/05 11:51 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/40

Interface Serial # : NONE Data Acquisition Time: 2/25/05 04:17 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224040.RAW
Result File : C:\DATA65\H224040.rst
Inst Method : PCB2CH from C:\DATA65\H224040.rst
Proc Method : C:\DATA65\H1254228.mth
Calib Method : C:\DATA65\H1254228.mth
Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3 -987-
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

Instrument Conditions:
HP-SFC

Total number of peaks detected: 95

PCB REPORT

=====
P-SFC CHANNEL H
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.824	176597		19.84	19.8411
2	1.009	100272		11.27	11.2658
3	1.067	505591		56.80	56.8047
4	2.270	3027		0.34	0.3401
5	2.721	341		0.04	0.0383
6	3.486	2534		0.28	0.2847
7	4.025	354		0.04	0.0398
8	6.208	861		0.10	0.0967

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000
10	7.966	2053		0.23	0.2307
11	8.855	335		0.04	0.0376
12	9.613	1099		0.12	0.1235
13	9.758	782		0.09	0.0879
14	10.409	229		0.03	0.0258
15	10.811	1087		0.12	0.1221
16	11.114	1290		0.14	0.1449
17	11.732	4958		9.42	9.4188
18	12.316	1267		2.41	2.4066
19	12.473	184		0.35	0.3494
20	12.619	6280		11.93	11.9300
21	12.831	70583		134.09	134.0880
22	13.001	21042		39.97	39.9739
23	13.151	2252		4.28	4.2788
24	13.511	34178		64.93	64.9278
25	13.667	2724		5.17	5.1745
26	13.843	2012		3.82	3.8222
27	14.144	12820		24.35	24.3534
28	14.809	2760		5.24	5.2432
30	15.244	56883		108.06	108.0606
31	15.377	35769		67.95	67.9516
32	15.845	79407		113.28	113.2845
34	16.223	63760		90.96	90.9623
35	16.509	12091		17.25	17.2494
36	16.710	48780		69.59	69.5902
37	17.032	103968		139.67	139.6670
38	17.208	27211		36.55	36.5545
	17.392	638132	AR1254	232.35	232.3515
40	17.717	54513		73.23	73.2309
41	17.881	7335		9.85	9.8535
42	18.069	92635		124.44	124.4421
43	18.192	7065		9.49	9.4909
44	18.394	8750		11.30	11.2955
45	18.481	10814		13.96	13.9593
46	18.592	165738		213.95	213.9509
47	18.897	32193		41.56	41.5577
49	19.386	5811		7.50	7.5011
50	19.534	99208		128.07	128.0671
51	19.775	12754		16.46	16.4637
52	19.975	24939		32.19	32.1932
53	20.142	186192		240.35	240.3543
54	20.284	40538		52.33	52.3306
55	20.539	11773		15.20	15.1977
56	20.747	8494		10.96	10.9648
57	21.144	41720		53.86	53.8565
58	21.302	14270		18.42	18.4205
59	21.416	10729		13.85	13.8498
60	21.648	7152		9.23	9.2319
61	21.810	4611		5.95	5.9519
62	22.228	57571		74.32	74.3178
63	22.523	37510		48.42	48.4216
64	22.762	981		1.27	1.2668
65	22.878	919		1.19	1.1868
66	23.196	746		0.96	0.9631
67	23.529	24622		1.46	1.4611
68	23.696	5822		0.35	0.3455
69	23.897	3651		0.22	0.2166
70	24.967	5709		0.34	0.3388
71	25.517	3801		0.23	0.2256
72	25.738	2294		0.14	0.1361
73	27.363	5197		0.31	0.3084
74	27.597	2816		0.17	0.1671
75	27.719	653		0.04	0.0388
0	27.786		0 Decachlorobiphenyl	0.00	0.0000
76	28.030	1107		0.07	0.0657
77	28.203	1128		0.07	0.0669
78	28.272	416		0.02	0.0247
79	28.422	1013		0.06	0.0601
80	28.557	131		0.01	0.0077
81	28.750	519		0.03	0.0308
82	28.907	286		0.02	0.0170
83	29.083	607		0.04	0.0360
84	29.164	242		0.01	0.0144
85	29.266	683		0.04	0.0406
86	29.458	365		0.02	0.0217
87	29.603	745		0.04	0.0442
88	29.885	282		0.02	0.0167
89	30.084	582		0.03	0.0345

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	30.232	269		0.02	0.0160
91	30.367	563		0.03	0.0334
92	30.503	216		0.01	0.0128
93	30.893	188		0.01	0.0111
94	31.212	327		0.02	0.0194
95	31.593	299		0.02	0.0178
		3033472		2503.32	2503.3239

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	19.147	172229	AR1254-4	222.33	222.3292
29	15.095	125044	AR1254-1	237.55	237.5472
33	16.029	163638	AR1254-2	233.45	233.4504
39	17.392	177221	AR1254-3	238.07	238.0724
		638132		931.40	931.3992

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\H224040.TX0

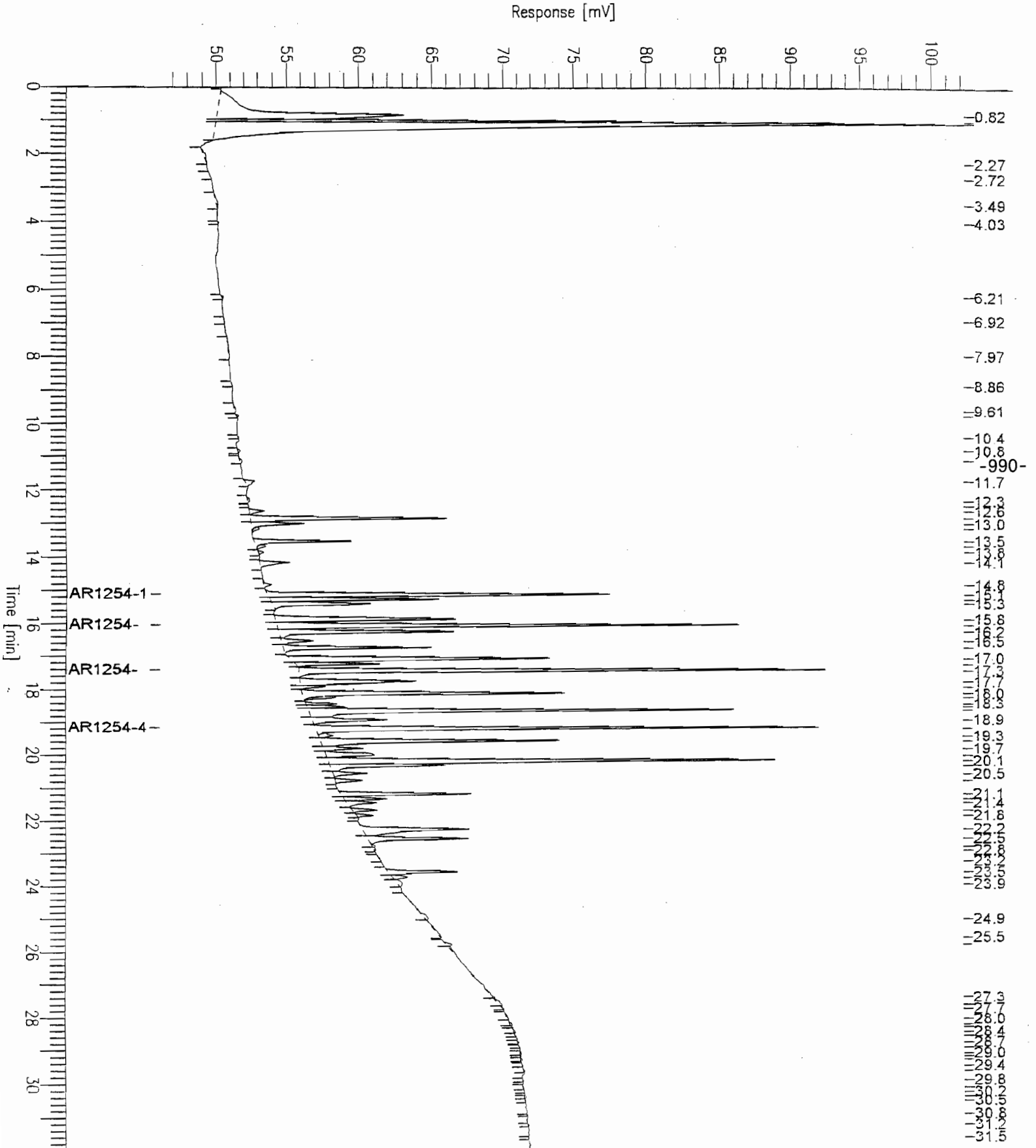
Chromatogram - ECD#1

Sample Name : AR1254 250PPB
FileName : C:\DATA65\H224040.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 46 mV

Sample #: 40
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 04:17 PM
Low Point : 46.26 mV
Plot Scale: 56.0 mV
High Point : 102.29 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1254 250PPB

Time : 3/1/05 11:51 AM

Sample Number: 41

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/40

Interface Serial # : NONE Data Acquisition Time: 2/25/05 04:53 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224041.RAW

Result File : C:\DATA65\I224041.rst

Inst Method : PCB2CH from C:\DATA65\I224041.rst

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-991-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 106

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.135	1942		0.08	0.0800
2	0.646	32191		1.33	1.3264
3	1.270	105955		4.37	4.3660
4	1.340	4086		0.17	0.1684
5	1.485	96030		3.96	3.9570
6	1.545	805238		33.18	33.1803
7	2.248	22566		0.93	0.9298
8	2.364	13589		0.56	0.5599
9	3.092	426		0.02	0.0176

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.478	474		0.02	0.0195
11	4.013	1983		0.08	0.0817
12	5.097	922		0.04	0.0380
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
13	6.706	133		0.01	0.0055
14	6.874	2143		0.09	0.0883
15	7.194	284		0.01	0.0117
16	7.333	718		0.03	0.0296
17	7.576	524		0.02	0.0216
18	7.647	293		0.01	0.0121
19	7.944	496		0.02	0.0205
20	8.886	2644		0.11	0.1090
21	9.250	4742		7.47	7.4722
22	9.480	871		1.37	1.3719
23	9.926	1095		1.72	1.7247
24	10.040	1842		2.90	2.9030
25	10.494	1599		2.52	2.5199
26	10.587	568		0.89	0.8949
27	10.748	11164		17.59	17.5912
28	11.181	7355		11.59	11.5893
29	11.549	1422		2.24	2.2410
30	11.652	3409		5.37	5.3721
32	12.036	71312		112.37	112.3686
33	12.790	105698		166.55	166.5532
34	13.196	36452		27.59	27.5852
35	13.406	1723		1.30	1.3038
36	13.689	7855		5.94	5.9444
37	13.853	34200		25.88	25.8813
38	14.080	110297		83.47	83.4676
40	14.455	52996		40.11	40.1050
41	14.664	80395		53.90	53.8983
43	15.054	129982		87.14	87.1425
44	15.113	155556		104.29	104.2880
45	15.298	23034		15.44	15.4422
46	15.602	24749		16.59	16.5923
47	15.802	112715		71.01	71.0144
48	16.004	193171		121.70	121.7044
49	16.189	17922		11.29	11.2917
	16.392	1236411	ARI254	245.57	245.5695
51	16.507	38151		24.04	24.0365
52	16.738	46059		29.02	29.0184
53	16.848	15127		9.53	9.5303
54	16.943	38742		24.41	24.4085
55	17.047	207095		130.48	130.4768
56	17.166	313823		197.72	197.7188
57	17.478	28034		17.66	17.6626
58	17.563	66951		42.18	42.1812
59	17.769	238755		150.42	150.4233
60	18.215	129909		81.85	81.8473
61	18.311	219866		138.52	138.5231
62	18.577	36829		23.20	23.2037
63	18.743	22352		14.08	14.0824
64	18.952	473173		298.11	298.1145
65	19.270	48055		30.28	30.2760
66	19.433	17193		10.83	10.8320
67	19.575	415		0.26	0.2615
68	19.698	7890		4.97	4.9707
69	19.788	25754		16.23	16.2258
70	20.122	91414		57.59	57.5940
71	20.227	38695		24.38	24.3794
72	20.466	17985		11.33	11.3313
73	20.714	64864		40.87	40.8667
74	20.842	11087		6.98	6.9849
75	20.986	8172		5.15	5.1485
76	21.091	71891		45.29	45.2939
77	21.315	1618		0.05	0.0527
78	21.547	17391		0.57	0.5664
79	22.088	307		0.01	0.0100
80	22.223	6985		0.23	0.2275
81	22.308	59153		1.93	1.9266
82	22.487	3814		0.12	0.1242
83	22.864	2064		0.07	0.0672
84	23.133	2921		0.10	0.0951
85	23.316	19913		0.65	0.6486
86	24.245	22033		0.72	0.7176
87	24.399	188		0.01	0.0061
88	24.545	797		0.03	0.0259
89	25.013	7095		0.23	0.2311
90	25.230	7022		0.23	0.2281

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	25.484	4380		0.14	0.1427
92	25.552	1582		0.05	0.0515
93	25.628	1175		0.04	0.0383
94	25.952	5795		0.19	0.1887
95	26.118	2183		0.07	0.0711
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
96	26.173	596		0.02	0.0194
97	26.950	3526		0.11	0.1148
98	27.036	259		0.01	0.0084
99	27.208	570		0.02	0.0186
100	27.254	269		0.01	0.0088
101	27.415	946		0.03	0.0308
102	28.423	31387		1.02	1.0223
103	29.182	2394		0.08	0.0780
104	29.853	1024		0.03	0.0334
105	31.123	3120		0.10	0.1016
106	31.664	1273		0.04	0.0415
		6011244		2731.15	2731.1454

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
50	16.392	395630	AR1254-4	249.26	249.2598
31	11.907	149183	AR1254-1	235.07	235.0736
39	14.201	328934	AR1254-2	248.92	248.9224
42	14.862	362664	AR1254-3	243.14	243.1378
		1236411		976.39	976.3936

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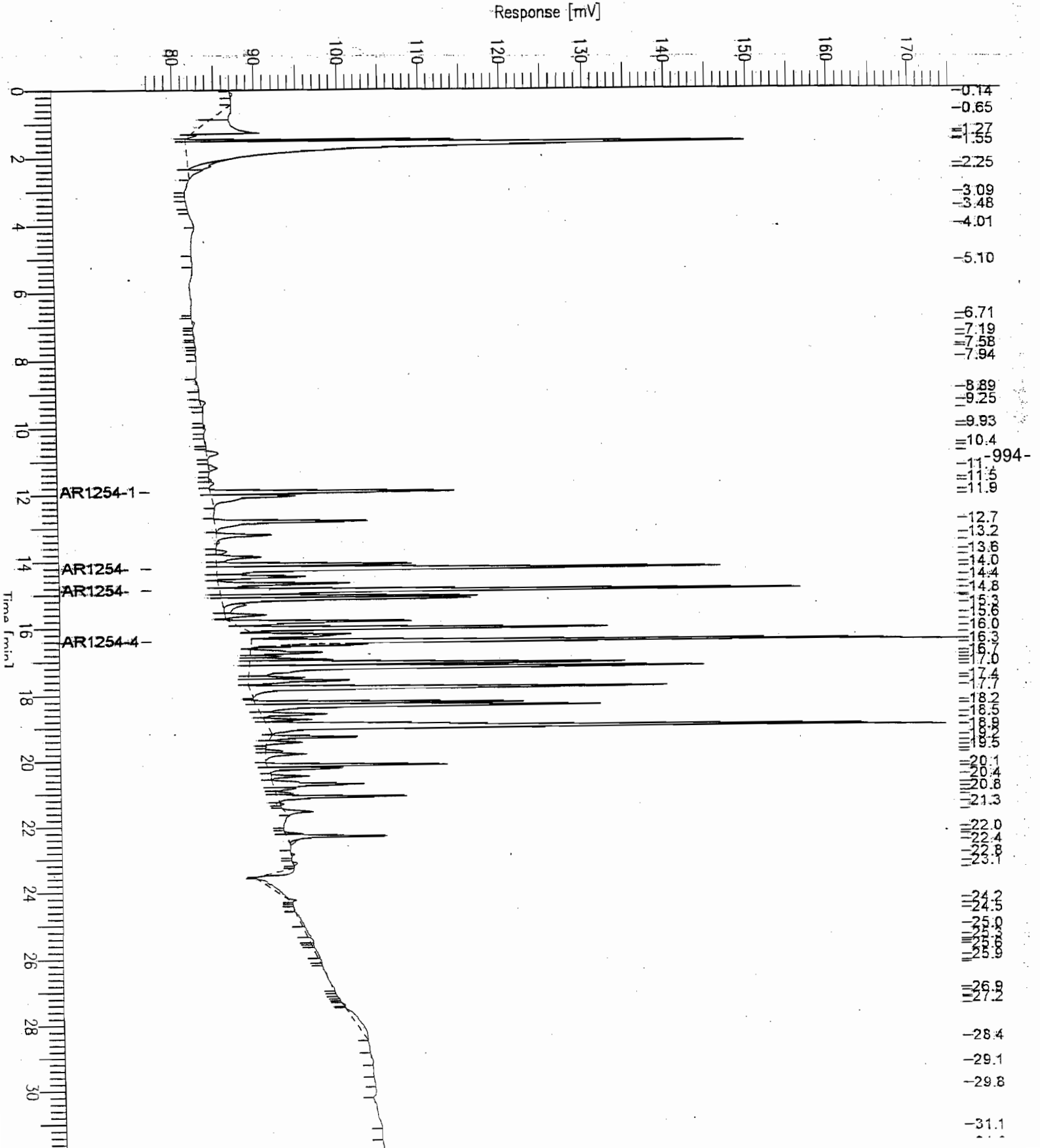
=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224041.TX0

Chromatogram - ECD#1

Sample Name : AR1254 250PPB
FileName : C:\DATA65\I224041.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: 41
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 04:53 PM
Low Point : 76.77 mV
Plot Scale: 98.8 mV
High Point : 175.54 mV



oftware Version: 4.1<2F12>
ample Name : AR1254 500PPB
ample Number: 41
operator : manager

Time : 3/1/05 11:51 AM
Study :

nstrument : HP-SFC Channel : A A/D mV Range : 1000
utoSampler : HP7673A
ack/Vial : 0/41

nterface Serial # : NONE Data Acquisition Time: 2/25/05 04:53 PM
elay Time : 0.00 min.
nd Time : 32.00 min.
ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224041.RAW
esult File : C:\DATA65\H224041.rst
nst Method : PCB2CH from C:\DATA65\H224041.rst
roc Method : C:\DATA65\H1254228.mth
alib Method : C:\DATA65\H1254228.mth
equence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-995-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 96

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.756	85139		9.57	9.5656
2	1.006	79076		8.88	8.8844
3	1.064	449402		50.49	50.4916
4	1.713	267		0.03	0.0300
5	2.958	7607		0.85	0.8547
6	4.015	359		0.04	0.0403
7	4.820	835		0.09	0.0938
8	6.203	2683		0.30	0.3014
9	7.137	249		0.03	0.0280

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
10	9.612	1412		0.16	0.1587
11	9.754	2859		0.32	0.3212
12	9.852	1487		0.17	0.1671
13	10.396	1125		0.13	0.1264
14	10.506	1479		0.17	0.1662
15	10.808	2611		0.29	0.2934
16	11.112	338		0.04	0.0380
17	11.417	1366		2.59	2.5944
18	11.726	4345		8.25	8.2544
19	12.249	604		1.15	1.1466
20	12.467	435		0.83	0.8265
21	12.614	6047		11.49	11.4866
22	12.827	148264		281.66	281.6598
23	12.998	46032		87.45	87.4472
24	13.147	6382		12.12	12.1235
25	13.508	73130		138.93	138.9260
26	13.664	5835		11.09	11.0854
27	13.841	4721		8.97	8.9683
28	14.140	27862		52.93	52.9289
29	14.543	1203		2.29	2.2862
30	14.806	4826		9.17	9.1683
32	15.241	126682		240.66	240.6596
33	15.374	87847		166.88	166.8838
34	15.843	172578		246.20	246.2046
36	16.220	135792		193.73	193.7251
37	16.507	26908		38.39	38.3874
38	16.708	105574		150.61	150.6144
39	17.029	225432		302.84	302.8365
40	17.207	59863		80.42	80.4183
	17.390	1359463	AR1254	495.00	494.9971
42	17.715	118318		158.94	158.9434
43	17.879	15419		20.71	20.7130
44	18.067	197564		265.40	265.3994
45	18.190	14521		19.51	19.5070
46	18.389	19747		25.49	25.4916
47	18.478	17634		22.76	22.7641
48	18.590	343969		444.03	444.0280
49	18.895	66079		85.30	85.3016
51	19.382	9984		12.89	12.8878
52	19.531	212072		273.76	273.7631
53	19.774	27858		35.96	35.9623
54	19.972	51762		66.82	66.8197
55	20.140	406432		524.66	524.6624
56	20.282	85795		110.75	110.7530
57	20.536	24720		31.91	31.9108
58	20.744	18731		24.18	24.1792
59	21.141	92803		119.80	119.7993
60	21.298	31278		40.38	40.3763
61	21.413	25664		33.13	33.1290
62	21.645	19228		24.82	24.8209
63	21.805	16225		20.95	20.9451
64	22.222	81552		105.28	105.2753
65	22.339	19523		25.20	25.2021
66	22.521	80449		103.85	103.8510
67	22.756	4388		5.66	5.6643
68	23.119	561		0.72	0.7236
69	23.528	51918		3.08	3.0810
70	23.693	12344		0.73	0.7325
71	23.853	7573		0.45	0.4494
72	24.859	11118		0.66	0.6598
73	24.941	4824		0.29	0.2862
74	25.441	10564		0.63	0.6269
75	25.738	13285		0.79	0.7884
76	26.507	38640		2.29	2.2930
77	27.560	41407		2.46	2.4572
78	27.730	12482		0.74	0.7407
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
79	28.187	15235		0.90	0.9041
80	28.324	3815		0.23	0.2264
81	28.557	4219		0.25	0.2504
82	28.699	833		0.05	0.0494
83	28.845	465		0.03	0.0276
84	28.978	636		0.04	0.0378
85	29.260	1346		0.08	0.0799
86	29.475	879		0.05	0.0522
87	29.608	1022		0.06	0.0606
88	29.748	371		0.02	0.0220
89	30.000	707		0.02	0.0220

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	30.309	966		0.06	0.0574
91	30.699	242		0.01	0.0144
92	31.077	198		0.01	0.0118
93	31.317	197		0.01	0.0117
94	31.428	690		0.04	0.0410
95	31.745	642		0.04	0.0381
96	31.885	435		0.03	0.0258
		5507449		5232.13	5232.1302

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
50	19.144	367185	AR1254-4	474.00	473.9981
31	15.092	265781	AR1254-1	504.91	504.9069
35	16.027	342957	AR1254-2	489.27	489.2718
41	17.390	383540	AR1254-3	515.23	515.2332
		1359463		1983.41	1983.4100

INSTR. 65 : DB-608, 30m X 0.32mmID, 0.5um film

Report stored in ASCII file: C:\DATA65\H224041.TX0

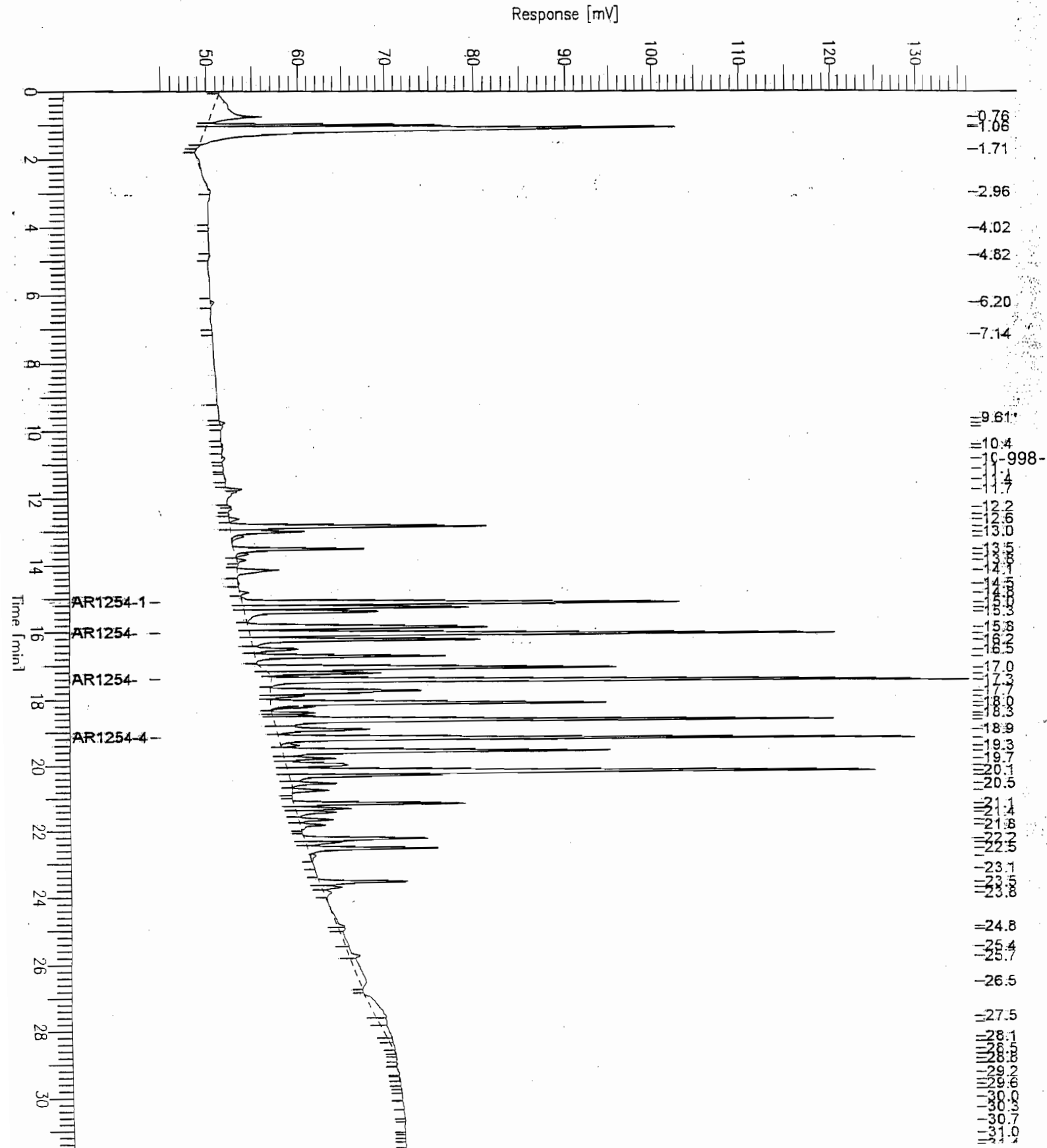
Chromatogram - ECD#1

Sample Name : AR1254 500PPB
File Name : C:\DATA65\H224041.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 44 mV

Sample #: 41
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 04:53 PM
Low Point : 44.41 mV
Plot Scale: 91.8 mV
High Point : 136.20 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : AR1254 500PPB

Time : 3/1/05 11:51 AM

Sample Number: 42

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/41

Interface Serial # : NONE Data Acquisition Time: 2/25/05 05:29 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224042.RAW

Result File : C:\DATA65\I224042.rst

Inst Method : PCB2CH from C:\DATA65\I224042.rst

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-999-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 99

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.123	1741		0.07	0.0717
2	0.501	4067		0.17	0.1676
3	0.582	42388		1.75	1.7466
4	1.274	196153		8.08	8.0826
5	1.558	910953		37.54	37.5364
6	2.846	241		0.01	0.0099
7	3.877	1658		0.07	0.0683
8	5.088	267		0.01	0.0110
9	6.064	264		0.01	0.0109

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
------	------------	---------------	----------------	---------------	--------------------------------

0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
0	6.263	1519		0.06	0.0626
1	6.877	1407		0.06	0.0580
2	7.642	388		0.02	0.0160
3	7.899	727		0.03	0.0300
4	8.225	733		0.03	0.0302
5	8.655	793		0.03	0.0327
6	9.239	8385		13.21	13.2129
7	9.821	373		0.59	0.5881
8	9.929	1993		3.14	3.1407
9	10.042	2945		4.64	4.6406
10	10.418	447		0.70	0.7039
11	10.750	23373		36.83	36.8291
12	11.190	12916		20.35	20.3521
13	11.551	2341		3.69	3.6880
14	11.651	6206		9.78	9.7790
16	12.038	151064		238.04	238.0378
17	12.793	201824		318.02	318.0221
18	13.197	76616		57.98	57.9792
19	13.409	4572		3.46	3.4596
20	13.688	12083		9.14	9.1442
21	13.854	53896		40.79	40.7862
22	14.081	207680		157.16	157.1630
24	14.457	88593		67.04	67.0433
25	14.664	128424		86.10	86.0984
27	15.054	249682		167.39	167.3922
28	15.114	273902		183.63	183.6300
29	15.299	21607		14.49	14.4861
30	15.603	42770		28.67	28.6736
31	15.803	235475		148.36	148.3568
32	16.004	390528		246.05	246.0458
33	16.190	157715		99.37	99.3658
5	16.392	2366008	AR1254	469.92	469.9242
6	16.508	78012		49.15	49.1502
7	16.739	92669		58.38	58.3844
8	16.846	30425		19.17	19.1690
9	16.943	79078		49.82	49.8220
9	17.047	405070		255.21	255.2075
10	17.165	613117		386.28	386.2837
11	17.478	51205		32.26	32.2612
12	17.564	131759		83.01	83.0124
13	17.768	469277		295.66	295.6600
14	18.215	260523		164.14	164.1383
15	18.312	459997		289.81	289.8133
16	18.578	74381		46.86	46.8624
17	18.744	49017		30.88	30.8822
18	18.952	959612		604.59	604.5874
19	19.271	101353		63.86	63.8559
20	19.435	35684		22.48	22.4822
21	19.574	1167		0.73	0.7349
22	19.699	6252		3.94	3.9387
23	19.790	47297		29.80	29.7985
24	20.123	189504		119.39	119.3936
25	20.228	79965		50.38	50.3809
26	20.467	37134		23.40	23.3955
27	20.715	136474		85.98	85.9832
28	20.843	23922		15.07	15.0716
29	20.986	18903		11.91	11.9093
30	21.093	153745		96.86	96.8642
31	21.312	5376		0.18	0.1751
32	21.547	26045		0.85	0.8483
33	21.999	300		0.01	0.0098
34	22.083	509		0.02	0.0166
35	22.222	16759		0.55	0.5459
36	22.308	126023		4.10	4.1046
37	22.491	11635		0.38	0.3790
38	22.868	2609		0.08	0.0850
39	22.999	517		0.02	0.0168
40	23.131	5092		0.17	0.1659
41	23.676	7024		0.23	0.2288
42	24.244	72912		2.37	2.3748
43	24.398	6478		0.21	0.2110
44	24.487	18687		0.61	0.6086
45	25.095	53071		1.73	1.7285
46	25.159	5858		0.19	0.1908
47	25.315	14767		0.48	0.4810
48	25.570	18330		0.60	0.5970
49	25.800	14511		0.47	0.4726
50	26.165	0	Decachlorobiphenyl	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	26.887	57686		1.88	1.8788
91	26.956	2978		0.10	0.0970
92	27.018	2046		0.07	0.0666
93	27.193	5500		0.18	0.1791
94	28.204	67301		2.19	2.1920
95	29.117	44192		1.44	1.4393
96	29.868	1278		0.04	0.0416
97	30.520	1355		0.04	0.0441
98	31.190	925		0.03	0.0301
99	31.632	451		0.01	0.0147
		11060473		5384.74	5384.7433

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
44	16.392	791970	AR1254-4	498.97	498.9672
25	11.908	299049	AR1254-1	471.22	471.2234
33	14.201	610884	AR1254-2	462.29	462.2895
36	14.863	664105	AR1254-3	445.23	445.2302
		2366008		1877.71	1877.7104

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

-1001-

Report stored in ASCII file: C:\DATA65\I224042.TX0

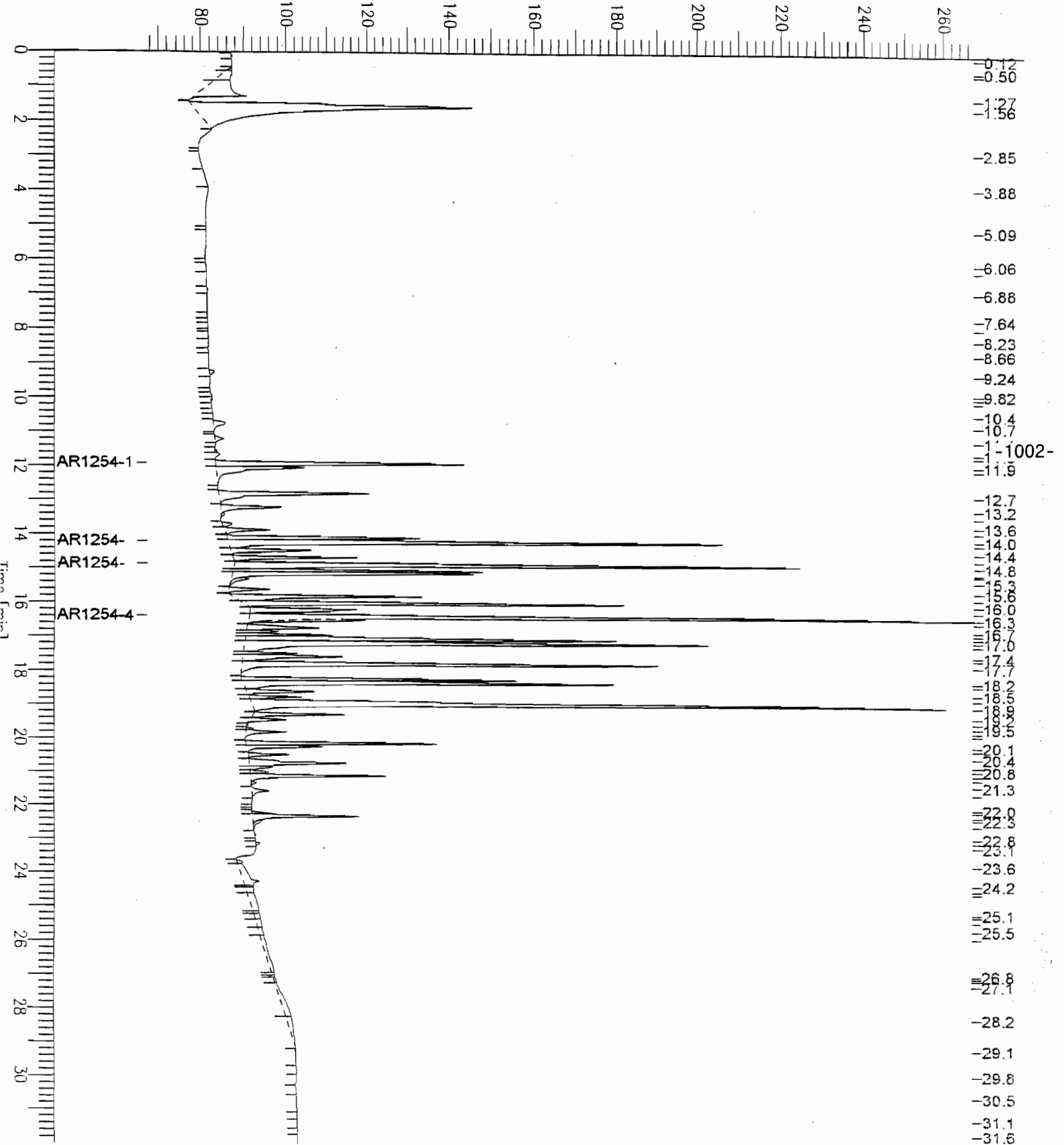
Chromatogram - ECD#1

Sample Name : AR1254 500PPB
File Name : C:\DATA65\I224042.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 68 mV

Sample #: 42
Date : 3/1/05 11:51 AM
Page 1 of 1
Time of Injection: 2/25/05 05:29 PM
Low Point : 67.77 mV
High Point : 267.47 mV
Plot Scale: 199.7 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1254 1000PPB

Time : 3/1/05 11:51 AM

Sample Number: 42

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/42

Interface Serial # : NONE Data Acquisition Time: 2/25/05 05:29 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224042.RAW

Result File : C:\DATA65\H224042.rst

Inst Method : PCB2CH from C:\DATA65\H224042.rst

Proc Method : C:\DATA65\H1254228.mth

Calib Method : C:\DATA65\H1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-1003-

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 100

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.756	76794		8.63	8.6281
2	1.002	86047		9.67	9.6677
3	1.060	519929		58.42	58.4155
4	2.930	5866		0.66	0.6590
5	3.666	316		0.04	0.0355
6	4.010	367		0.04	0.0413
7	4.825	1117		0.13	0.1255
8	5.813	931		0.10	0.1047
9	6.205	3517		0.40	0.3951

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	6.851	236		0.03	0.0266
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
11	7.448	264		0.03	0.0296
12	8.412	628		0.07	0.0705
13	8.898	1162		0.13	0.1305
14	9.386	424		0.05	0.0476
15	9.611	579		0.07	0.0650
16	9.752	3296		0.37	0.3703
17	10.394	1596		0.18	0.1793
18	10.510	1466		0.16	0.1647
19	10.807	2358		0.26	0.2650
20	11.166	550		1.05	1.0456
21	11.416	2416		4.59	4.5905
22	11.729	19921		37.84	37.8436
23	12.251	3394		6.45	6.4468
24	12.311	3898		7.40	7.4044
25	12.473	1379		2.62	2.6192
26	12.616	12113		23.01	23.0109
27	12.829	287086		545.38	545.3801
28	13.000	92302		175.35	175.3480
29	13.147	12097		22.98	22.9802
30	13.510	148604		282.31	282.3056
31	13.666	12806		24.33	24.3270
32	13.843	13090		24.87	24.8667
33	13.993	1416		2.69	2.6896
34	14.144	56231		106.82	106.8220
35	14.536	2090		3.97	3.9713
36	14.807	9578		18.20	18.1964
38	15.242	248372		471.84	471.8356
39	15.376	176784		335.84	335.8389
40	15.844	341100		486.62	486.6220
42	16.221	270085		385.31	385.3110
43	16.508	53574		76.43	76.4295
44	16.709	210586		282.89	282.8925
45	17.031	454291		610.28	610.2772
46	17.207	122627		164.73	164.7324
	17.391	2653112	AR1254	966.03	966.0305
48	17.716	238443		320.32	320.3155
49	17.880	31789		42.70	42.7040
50	18.068	313306		420.88	420.8825
51	18.391	39691		51.24	51.2375
52	18.479	37188		48.01	48.0065
53	18.590	662415		855.11	855.1096
54	18.896	127070		164.03	164.0343
56	19.384	20211		26.09	26.0903
57	19.533	445181		574.68	574.6831
58	19.775	63082		81.43	81.4323
59	19.974	113930		147.07	147.0714
60	20.141	830902		1072.61	1072.6094
61	20.284	181644		234.48	234.4842
62	20.537	57899		74.74	74.7415
63	20.745	43025		55.54	55.5410
64	21.143	188192		242.94	242.9364
65	21.299	61550		79.45	79.4543
66	21.414	45306		58.49	58.4859
67	21.646	31985		41.29	41.2894
68	21.808	20804		26.86	26.8553
69	22.043	261		0.34	0.3370
70	22.223	161855		208.94	208.9379
71	22.339	36627		47.28	47.2823
72	22.522	162595		209.89	209.8936
73	22.754	9775		12.62	12.6187
74	23.112	1457		1.88	1.8802
75	23.528	106855		6.34	6.3411
76	23.692	24872		1.48	1.4760
77	23.848	13263		0.79	0.7870
78	24.115	1224		0.07	0.0726
79	24.859	7579		0.45	0.4498
30	24.941	4962		0.29	0.2944
31	25.735	16318		0.97	0.9683
32	26.823	23116		1.37	1.3718
33	27.033	6171		0.37	0.3662
34	27.508	16774		1.00	0.9954
35	27.694	8450		0.50	0.5015
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
36	27.866	5917		0.35	0.3511
37	28.139	10509		0.62	0.6236
38	28.527	7107		0.42	0.4217
39	28.665	704		0.04	0.0418

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	28.945	472		0.03	0.0280
91	29.156	717		0.04	0.0426
92	29.399	1425		0.08	0.0846
93	29.645	1233		0.07	0.0732
94	29.852	1103		0.07	0.0655
95	29.985	235		0.01	0.0140
96	30.363	720		0.04	0.0427
97	30.656	736		0.04	0.0437
98	30.900	153		0.01	0.0091
99	31.215	477		0.03	0.0283
00	31.548	791		0.05	0.0469

10104463

10263.69

10263.6938

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
55	19.144	718024	AR1254-4	926.89	926.8946
37	15.092	514558	AR1254-1	977.51	977.5116
41	16.027	656716	AR1254-2	936.89	936.8889
47	17.391	763815	AR1254-3	1026.08	1026.0790

2653112

3867.37

3867.3740

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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-1005-

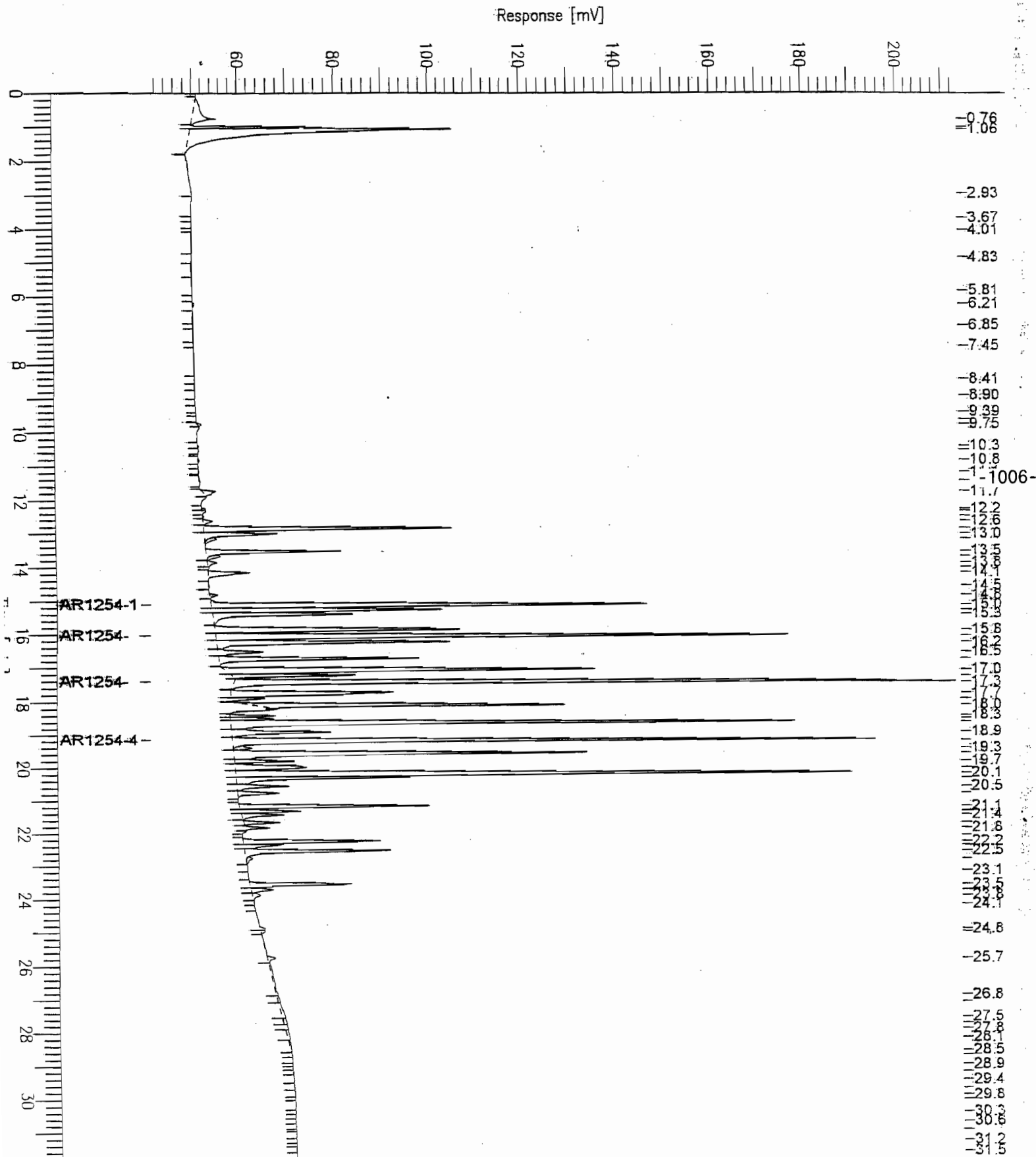
Report stored in ASCII file: C:\DATA65\H224042.TX0

Chromatogram - ECD#1

Sample Name : AR1254 1000PPB
File Name : C:\DATA65\H224042.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 40 mV

Sample #: 42
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 05:29 PM
Low Point : -40.44 mV
Plot Scale: 173.2 mV
Page 1 of 1
High Point : 213.67 mV



Software Version: 4.1<2F12>

Sample Name : AR1254 1000PPB

Time : 3/1/05 11:51 AM

Sample Number: 43

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/42

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:05 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224043.RAW

Result File : C:\DATA65\I224043.rst

Inst Method : PCB2CH from C:\DATA65\I224043.rst

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1007-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 106

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.197	2441		0.10	0.1006
2	1.275	100074		4.12	4.1236
3	1.551	1190866		49.07	49.0704
4	2.245	26623		1.10	1.0970
5	2.844	616		0.03	0.0254
6	3.136	784		0.03	0.0323
7	3.653	8833		0.36	0.3640
8	3.804	4884		0.20	0.2012
9	4.155	17873		0.74	0.7355

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	4.718	203		0.01	0.0084
1	4.949	197		0.01	0.0081
2	5.533	1271		0.05	0.0524
3	6.016	385		0.02	0.0159
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
4	6.366	338		0.01	0.0139
5	6.879	5564		0.23	0.2293
6	7.297	5049		0.21	0.2080
7	7.570	324		0.01	0.0134
8	7.771	1170		0.05	0.0482
9	7.892	1263		0.05	0.0520
0	8.115	336		0.01	0.0138
1	8.458	2179		0.09	0.0898
2	8.796	5772		0.24	0.2379
3	8.884	508		0.02	0.0209
4	9.234	19090		30.08	30.0801
5	9.803	642		1.01	1.0121
6	9.928	4394		6.92	6.9241
7	10.036	6952		10.96	10.9550
8	10.414	2039		3.21	3.2126
9	10.498	814		1.28	1.2827
0	10.574	521		0.82	0.8204
1	10.748	49790		78.46	78.4559
2	11.190	31279		49.29	49.2876
3	11.341	2928		4.61	4.6137
4	11.551	5305		8.36	8.3595
5	11.650	13000		20.49	20.4854
7	12.037	306398		482.80	482.8032
8	12.791	407886		642.72	642.7223
9	13.198	161135		121.94	121.9399
0	13.408	9392		7.11	7.1072
1	13.690	27137		20.54	20.5359
2	13.853	118031		89.32	89.3204
3	14.079	432194		327.07	327.0651
5	14.457	178619		135.17	135.1710
6	14.664	259572		174.02	174.0226
8	15.053	479815		321.68	321.6787
9	15.113	545327		365.60	365.5988
0	15.300	34358		23.03	23.0346
1	15.603	84721		56.80	56.7990
2	15.801	486170		306.30	306.3033
3	16.003	797691		502.57	502.5718
4	16.189	326808		205.90	205.9001
	16.390	4597010	AR1254	913.03	913.0343
6	16.509	156705		98.73	98.7296
7	16.739	193145		121.69	121.6880
8	16.845	67462		42.50	42.5031
9	16.944	178048		112.18	112.1759
0	17.047	790020		497.74	497.7386
1	17.163	1226988		773.04	773.0429
2	17.479	102911		64.84	64.8374
3	17.564	270453		170.39	170.3941
4	17.768	906622		571.20	571.2016
5	18.215	521011		328.25	328.2542
6	18.311	963442		607.00	607.0005
7	18.578	150066		94.55	94.5467
8	18.744	105337		66.37	66.3659
9	18.952	1928977		1215.32	1215.3192
0	19.272	211945		133.53	133.5323
1	19.435	74509		46.94	46.9429
2	19.575	2784		1.75	1.7542
3	19.695	15091		9.51	9.5076
4	19.789	101934		64.22	64.2215
5	20.123	407456		256.71	256.7107
6	20.229	160152		100.90	100.9011
7	20.467	77029		48.53	48.5311
8	20.713	295103		185.92	185.9244
9	20.843	52162		32.86	32.8638
0	20.985	44103		27.79	27.7865
1	21.092	324608		204.51	204.5141
2	21.311	14758		0.48	0.4807
3	21.549	52595		1.71	1.7130
4	21.992	462		0.02	0.0150
5	22.082	640		0.02	0.0209
6	22.222	34046		1.11	1.1089
7	22.308	260133		8.47	8.4726
8	22.492	22954		0.75	0.7476
9	22.866	2504		0.08	0.0816

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
91	23.131	11229		0.37	0.3657
92	23.672	13106		0.43	0.4269
93	24.245	90320		2.94	2.9418
94	24.474	15737		0.51	0.5125
95	25.014	34307		1.12	1.1174
96	25.085	5687		0.19	0.1832
97	25.317	14753		0.48	0.4805
98	25.463	8894		0.29	0.2897
99	25.636	6743		0.22	0.2196
00	25.796	5744		0.19	0.1871
01	26.122	4808		0.16	0.1566
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
02	26.507	1028		0.03	0.0335
03	27.022	2653		0.09	0.0864
04	27.455	1585		0.05	0.0516
05	28.809	50171		1.63	1.6341
06	30.785	2722		0.09	0.0887
20752759				10866.28	10866.2836

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
05	16.390	1568357	AR1254-4	988.12	988.1168
06	11.906	574504	AR1254-1	905.27	905.2687
04	14.201	1183590	AR1254-2	895.69	895.6873
07	14.861	1270559	AR1254-3	851.81	851.8107
4597010				3640.88	3640.8835

-1009-

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224043.TX0

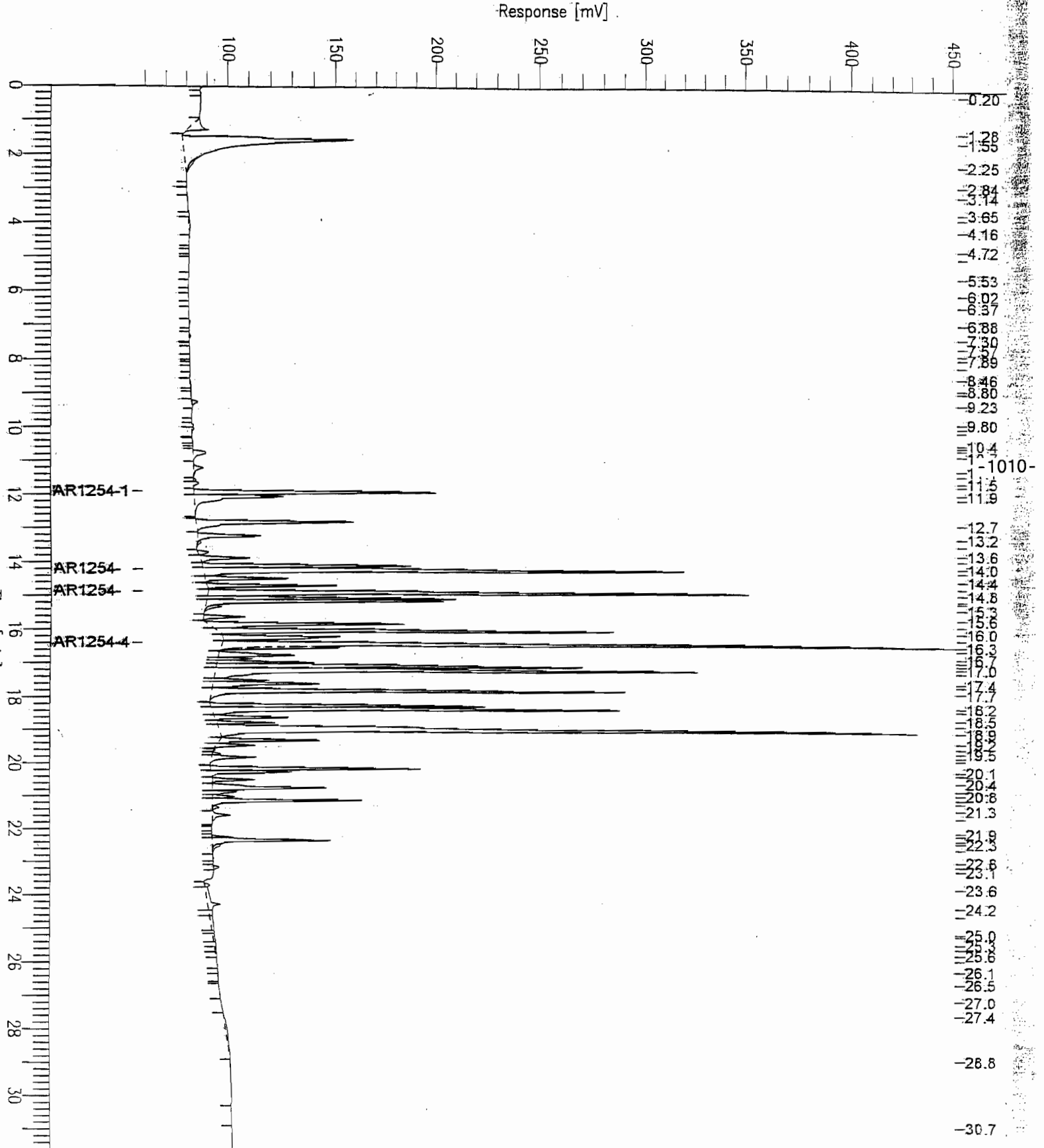
Chromatogram - ECD#1

Sample Name : AR1254 1000PPB
File Name : C:\DATA65\I224043.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 59 mV

Sample #: 43
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 06:05 PM
Low Point : 59.29 mV
Plot Scale: 393.5 mV
High Point : 452.75 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : HEXANE
Sample Number: 43
Operator : manager

Time : 3/1/05 11:51 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Vial/Vial : 0/43

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:05 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224043.RAW
Result File : C:\DATA65\H224043.rst
Inst Method : PCB2CH from C:\DATA65\H224043.rst
Proc Method : C:\DATA65\H1254228.mth
Calib Method : C:\DATA65\H1254228.mth
Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3 -1011-
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
Date Recieve : Client Name :
SEC Sample N :

Instrument Conditions:
P-SFC

Total number of peaks detected: 44

PCB REPORT

=====
P-SFC CHANNEL H
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.759	119779		13.46	13.4575
2	1.068	591443		66.45	66.4503
3	2.967	16472		1.85	1.8507
4	6.203	738		0.08	0.0829
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
5	7.217	633		0.07	0.0711
6	9.523	929		0.10	0.1044
7	9.974	721		0.08	0.0810

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	11.246	1176		2.23	2.2343
10	11.473	1783		3.39	3.3872
11	12.325	127		0.24	0.2409
12	12.616	2037		3.87	3.8690
	15.053	1244	AR1254	0.45	0.4531
14	15.265	437		0.83	0.8304
15	15.897	2564		3.66	3.6581
16	18.385	2348		3.03	3.0311
17	18.588	9145		11.81	11.8056
18	18.863	6504		8.40	8.3966
19	19.783	4788		6.18	6.1802
20	22.267	10394		13.42	13.4172
21	22.639	652		0.84	0.8414
22	23.971	4018		0.24	0.2384
23	27.470	87375		5.19	5.1850
24	27.655	10453		0.62	0.6203
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
25	27.964	17388		1.03	1.0318
26	28.072	5239		0.31	0.3109
27	28.249	7914		0.47	0.4697
28	28.351	5601		0.33	0.3324
29	28.533	5433		0.32	0.3224
30	28.675	3146		0.19	0.1867
31	28.819	805		0.05	0.0478
32	28.986	341		0.02	0.0203
33	29.086	269		0.02	0.0159
34	29.389	996		0.06	0.0591
35	29.609	646		0.04	0.0383
36	29.713	240		0.01	0.0143
37	29.925	236		0.01	0.0140
38	30.090	262		0.02	0.0156
39	30.276	419		0.02	0.0249
40	30.735	594		0.04	0.0352
	31.112	119		0.01	0.0071
43	31.492	156		0.01	0.0093
44	31.776	143		0.01	0.0085
		926654		149.56	149.5573

-1012-

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	19.145	0	AR1254-4	0.00	0.0000
13	15.053	1244	AR1254-1	2.36	2.3639
0	16.027	0	AR1254-2	0.00	0.0000
0	17.390	0	AR1254-3	0.00	0.0000
		1244		2.36	2.3639

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224043.TX0

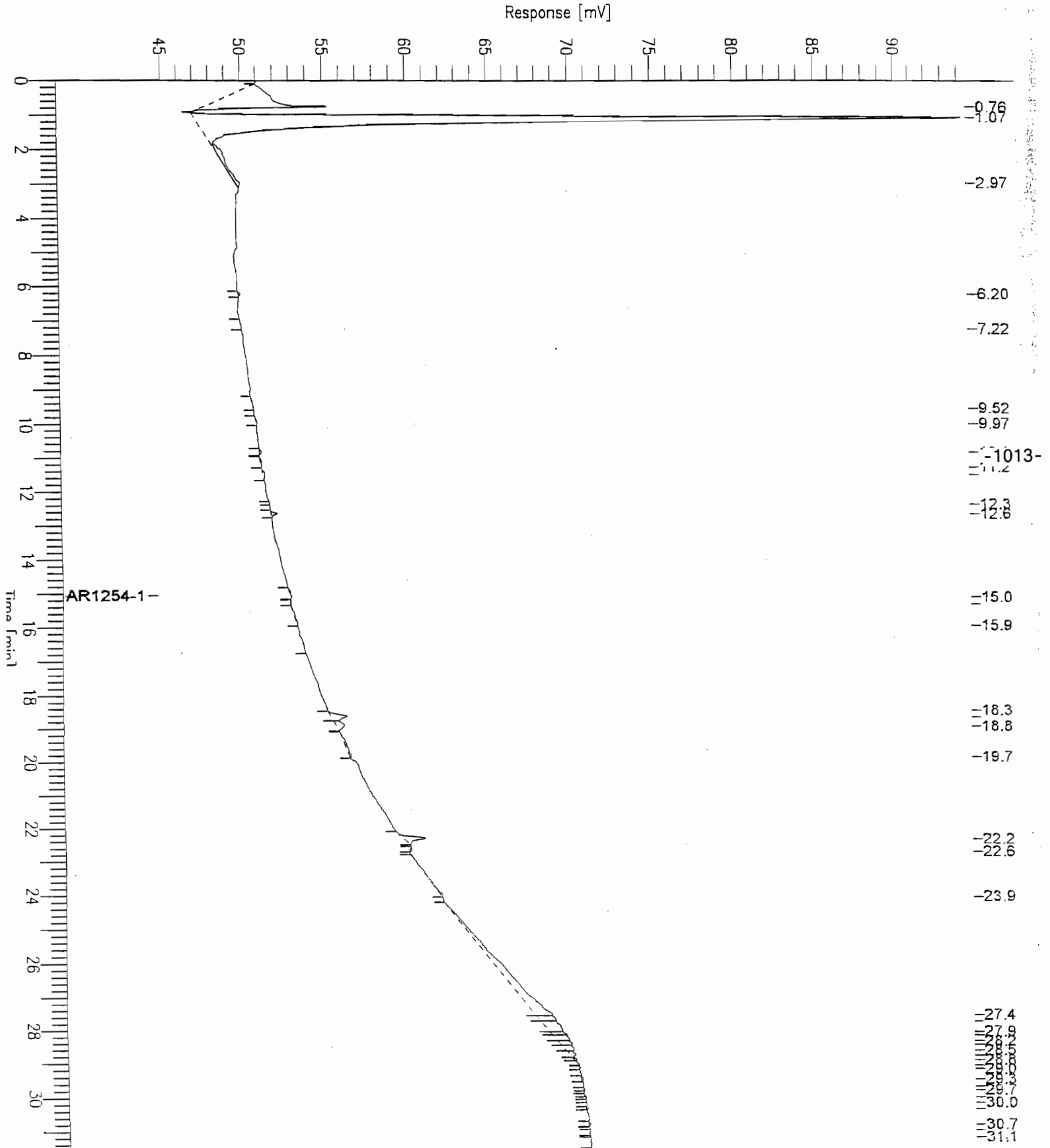
Chromatogram - ECD#1

Sample Name : HEXANE
FileName : C:\DATA65\H224043.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 45 mV

Sample #: 43
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 06:05 PM
Low Point : 44.59 mV
Plot Scale: 50.0 mV
High Point : 94.55 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : HEXANE
Sample Number: 44
Operator : manager

Time : 3/1/05 11:51 AM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Vial/Vial : 0/43

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:41 PM
Delay Time : 0.00 min.
Dwell Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224044.RAW
Result File : C:\DATA65\I224044.rst
Inst Method : PCB2CH from C:\DATA65\I224044.rst
Proc Method : C:\DATA65\I1254228.mth
Calib Method : C:\DATA65\I1254228.mth
Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
Date Recieve : Client Name :
EC Sample N :

-1014-

Instrument Conditions:
P-SFC

Total number of peaks detected: 83

PCB REPORT

=====
P-SFC CHANNEL I
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.198	1928		0.08	0.0795
2	1.274	145277		5.99	5.9862
3	1.495	96165		3.96	3.9625
4	1.554	909308		37.47	37.4686
5	2.249	18588		0.77	0.7659
6	2.739	179		0.01	0.0074
7	3.274	876		0.04	0.0361
8	3.960	1365		0.06	0.0562
9	4.790	137		0.01	0.0057

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.945	216		0.01	0.0089
11	5.939	275		0.01	0.0113
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
12	6.328	1942		0.08	0.0800
13	6.894	915		0.04	0.0377
14	7.569	153		0.01	0.0063
15	8.508	348		0.01	0.0144
16	8.664	268		0.01	0.0110
17	9.107	370		0.58	0.5837
18	9.495	679		1.07	1.0699
19	10.059	269		0.42	0.4237
20	10.660	2475		3.90	3.8999
21	10.727	136		0.21	0.2138
22	11.106	115		0.18	0.1819
23	11.683	1593		2.51	2.5097
24	12.443	1081		1.70	1.7036
25	12.597	163		0.26	0.2568
26	12.786	5141		8.10	8.1002
27	12.965	367		0.58	0.5783
28	13.040	179		0.28	0.2825
29	13.566	710		0.54	0.5372
30	13.964	988		0.75	0.7475
31	14.487	891		0.67	0.6742
33	15.016	172		0.12	0.1155
34	15.361	1055		0.71	0.7070
35	16.043	12637		7.96	7.9614
	16.441	1700	AR1254	0.34	0.3377
37	17.216	222		0.14	0.1399
38	17.564	1270		0.80	0.8004
39	17.647	407		0.26	0.2565
40	18.220	6766		4.26	4.2627
41	18.600	5811		3.66	3.6611
42	19.268	11018		6.94	6.9415
43	19.706	8376		5.27	5.2774
44	19.777	2046		1.29	1.2892
45	19.928	2152		1.36	1.3558
46	20.318	2966		1.87	1.8689
47	20.566	761		0.48	0.4792
48	20.712	176		0.11	0.1111
49	20.790	326		0.21	0.2053
50	20.933	457		0.29	0.2881
51	21.163	894		0.56	0.5635
52	21.250	267		0.17	0.1680
53	21.548	17261		0.56	0.5622
54	21.847	288		0.01	0.0094
55	22.164	872		0.03	0.0284
56	22.233	377		0.01	0.0123
57	22.322	174		0.01	0.0057
58	22.401	224		0.01	0.0073
59	22.551	849		0.03	0.0277
60	22.636	250		0.01	0.0081
61	22.864	1510		0.05	0.0492
62	23.013	1425		0.05	0.0464
63	23.081	392		0.01	0.0128
64	23.238	1361		0.04	0.0443
65	23.326	27587		0.90	0.8985
66	24.338	20840		0.68	0.6788
67	24.543	1667		0.05	0.0543
68	24.779	1309		0.04	0.0426
69	25.011	1110		0.04	0.0361
70	25.324	1829		0.06	0.0596
71	25.954	5016		0.16	0.1634
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
72	26.174	659		0.02	0.0215
73	26.411	1815		0.06	0.0591
74	26.557	1063		0.03	0.0346
75	26.719	794		0.03	0.0259
76	27.250	2803		0.09	0.0913
77	27.415	1092		0.04	0.0356
78	29.004	57397		1.87	1.8694
79	29.647	1662		0.05	0.0541
30	30.411	947		0.03	0.0308
31	30.558	1079		0.04	0.0351
32	31.085	3882		0.13	0.1264
33	31.427	10663		0.35	0.3473

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column [ppb]	Sample Results [ug/L, ug/kg, ng]
36	16.441	317	AR1254-4	0.20	0.1996
0	11.908	0	AR1254-1	0.00	0.0000
0	14.202	0	AR1254-2	0.00	0.0000
32	14.854	1384	AR1254-3	0.93	0.9276
		1700		1.13	1.1273

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

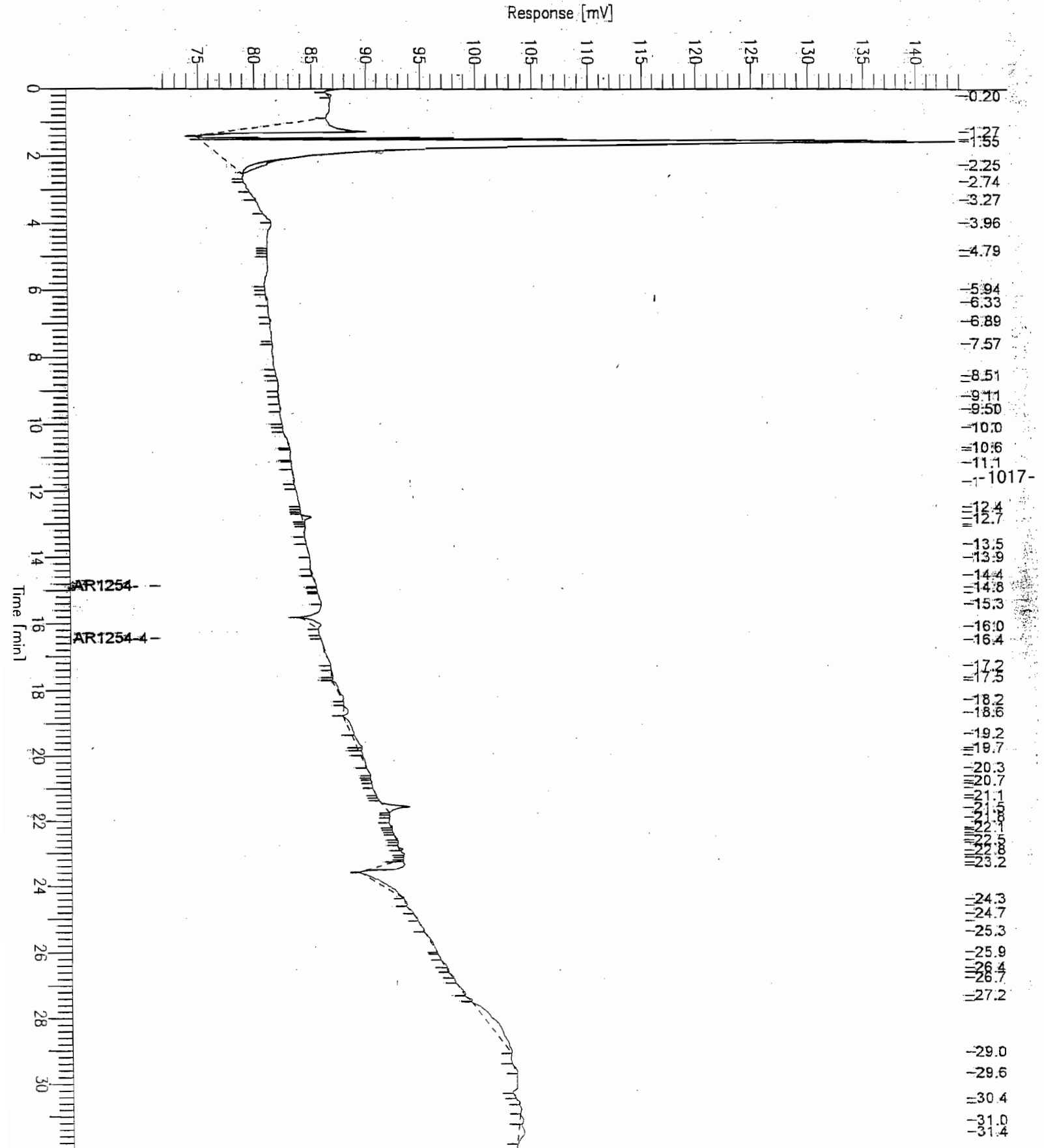
Report stored in ASCII file: C:\DATA65\I224044.TX0

Chromatogram - ECD#1

Sample Name : HEXANE
File Name : C:\DATA65\I224044.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 71 mV

Sample #: 44
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 06:41 PM
Low Point : 71.45 mV
Plot Scale: 72.6 mV
High Point : 144.02 mV



Software Version: 4.1<2F12>

Sample Name : AR1260 5PPB

Time : 3/1/05 11:51 AM

Sample Number: 44

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/44

Interface Serial # : NONE Data Acquisition Time: 2/25/05 06:41 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224044.RAW

Result File : C:\DATA65\H224044.rst

Inst Method : PCB2CH from C:\DATA65\H224044.rst

Proc Method : C:\DATA65\H1260228.mth

Calib Method : C:\DATA65\H1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1018-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 66

PCB REPORT

HP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.824	146822		16.50	16.4959
2	1.007	86639		9.73	9.7341
3	1.064	471018		52.92	52.9202
4	2.945	1515		0.17	0.1702
5	4.023	367		0.04	0.0435
6	6.201	807		0.09	0.0907
7	6.927	435		0.05	0.0489
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
8	9.993	843		0.09	0.0947

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	10.805	1837		0.21	0.2064
10	11.172	823		0.09	0.0925
11	11.458	923		0.10	0.1037
12	12.324	1004		0.11	0.1128
13	12.616	3106		4.10	4.1017
14	14.898	1140		1.51	1.5056
15	15.085	1466		1.94	1.9361
16	15.586	295		0.39	0.3898
17	15.890	506		0.67	0.6680
18	16.034	1557		2.06	2.0561
19	17.098	1900		2.51	2.5085
20	17.404	373		0.49	0.4928
21	17.701	2596		3.43	3.4281
22	17.887	325		0.43	0.4291
24	18.584	6788		8.96	8.9634
25	18.888	1076		0.95	0.9466
27	19.392	1212		1.07	1.0664
28	19.553	1117		0.98	0.9827
29	19.635	1025		0.90	0.9018
30	20.159	6807		8.80	8.8001
32	20.743	1793		2.32	2.3182
33	21.177	893		1.15	1.1549
34	21.303	3216		4.16	4.1573
35	21.649	2465		1.36	1.3572
36	21.809	735		0.40	0.4046
37	22.263	13953		7.68	7.6812
	22.520	25102	AR1260	5.60	5.5988
39	23.532	1748		0.96	0.9624
40	23.597	1451		0.80	0.7988
41	23.924	3424		1.89	1.8851
42	24.964	4236		2.33	2.3317
43	25.517	3559		0.21	0.2112
44	25.743	2943		0.17	0.1746
45	27.453	26706		1.58	1.5848
46	27.729	6297		0.37	0.3737
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
47	27.976	4722		0.28	0.2802
48	28.258	1067		0.06	0.0633
49	28.463	755		0.04	0.0448
50	28.646	999		0.06	0.0593
51	28.883	346		0.02	0.0205
52	29.167	1216		0.07	0.0722
53	29.337	565		0.03	0.0335
54	29.443	113		0.01	0.0067
56	29.685	507		0.03	0.0301
57	29.837	232		0.01	0.0138
58	29.974	209		0.01	0.0124
59	30.112	450		0.03	0.0267
60	30.356	243		0.01	0.0144
61	30.459	226		0.01	0.0134
62	30.521	444		0.03	0.0263
63	30.703	290		0.02	0.0172
64	30.845	309		0.02	0.0183
65	30.915	317		0.02	0.0188
66	31.718	398		0.02	0.0236
856271				151.08	151.0808

-1019-

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
38	22.520	11245	AR1260-4	6.19	6.1907
23	18.069	3867	AR1260-1	5.11	5.1068
26	19.146	6088	AR1260-2	5.36	5.3577
31	20.539	3902	AR1260-3	5.04	5.0448
25102				21.70	21.7000

Report stored in ASCII file: C:\DATA65\H224044.TX0

Chromatogram - ECD#1

Sample Name : AR1260 5PPB

FileName : C:\DATA65\H224044.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 46 mV

Sample #: 44

Date : 3/1/05 11:51 AM

Time of Injection: 2/25/05 06:41 PM

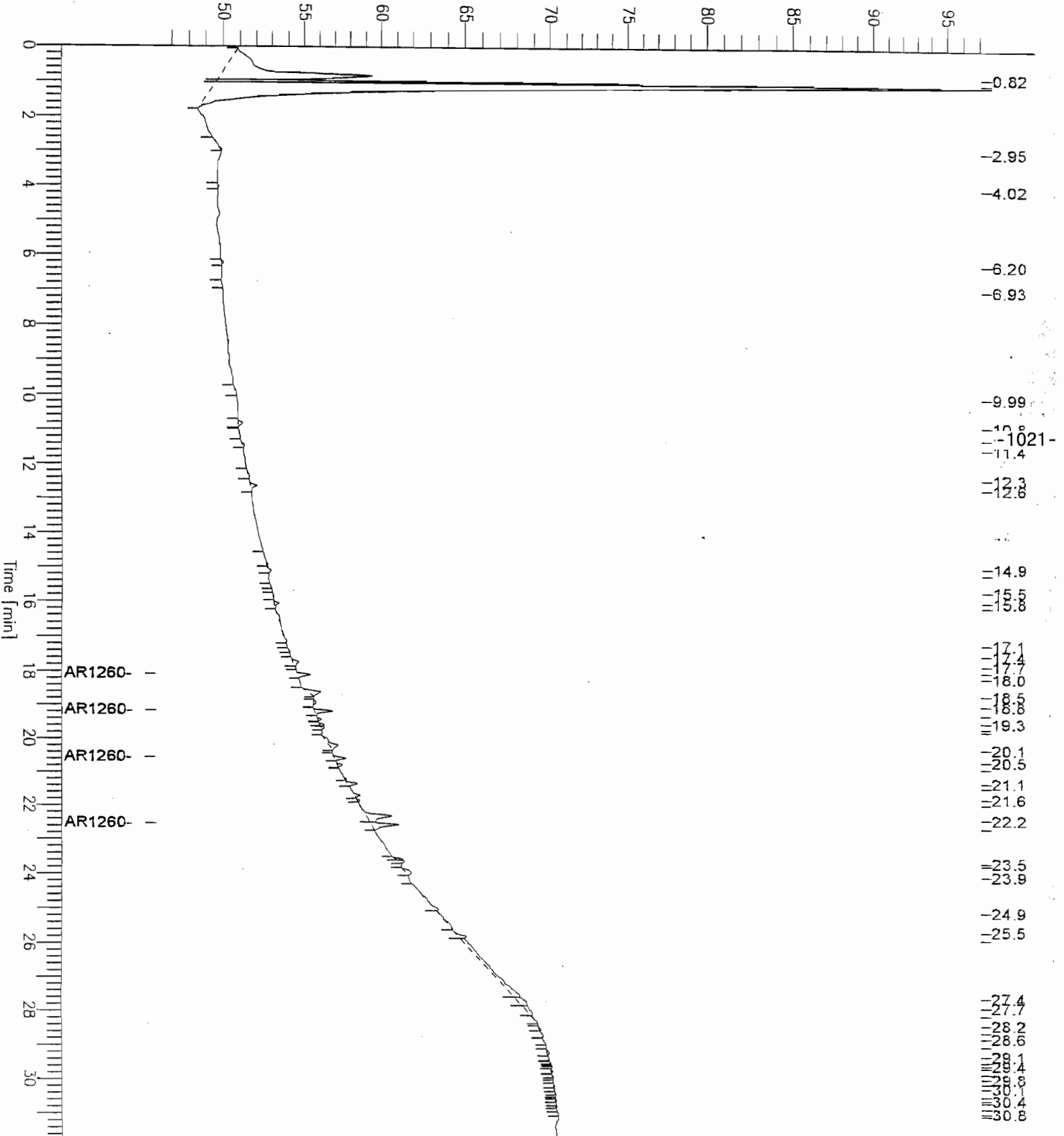
Low Point : 46.10 mV

Plot Scale: 51.0 mV

Page 1 of 1

High Point : 97.09 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1260 5PPB

Time : 3/1/05 11:51 AM

Sample Number: 45

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/44

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:17 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224045.RAW

Result File : C:\DATA65\I224045.rst

Inst Method : PCB2CH from C:\DATA65\I224045.rst

Proc Method : C:\DATA65\I1260228.mth

Calib Method : C:\DATA65\I1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1022-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 91

PCB REPORT

=====
P-SFC CHANNEL I
=====

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.229	2899		0.12	0.1195
2	1.273	75901		3.13	3.1275
3	1.552	939625		38.72	38.7179
4	2.247	30972		1.28	1.2762
5	2.836	212		0.01	0.0087
6	3.010	261		0.01	0.0107
7	3.303	704		0.03	0.0290
8	3.957	976		0.04	0.0402
9	5.011	152		0.01	0.0063

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	5.151	549		0.02	0.0226
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
11	6.643	146		0.01	0.0060
12	6.880	1741		0.07	0.0717
14	7.576	181		0.01	0.0075
16	7.939	350		0.01	0.0144
17	8.505	804		0.03	0.0331
18	8.656	359		0.01	0.0148
19	9.107	292		0.01	0.0120
20	9.814	168		0.01	0.0069
21	10.041	252		0.01	0.0104
22	10.426	514		0.02	0.0212
23	10.573	121		0.00	0.0050
24	10.729	113		0.00	0.0047
25	10.954	184		0.01	0.0076
26	11.121	2793		0.12	0.1151
27	12.504	961		0.57	0.5680
28	12.783	4114		2.43	2.4327
29	13.355	158		0.09	0.0933
30	13.570	957		0.57	0.5659
31	14.204	4389		2.60	2.5951
32	14.484	1127		0.67	0.6663
33	14.705	1120		0.66	0.6624
34	14.866	2818		1.67	1.6663
35	15.163	342		0.20	0.2020
36	15.378	1080		0.64	0.6385
37	16.025	20483		12.11	12.1115
38	16.252	9264		5.48	5.4776
39	16.404	4819		2.85	2.8496
40	16.515	9145		5.41	5.4070
41	16.743	4566		2.70	2.6998
43	17.566	3883		2.01	2.0113
45	18.218	2763		1.43	1.4313
46	18.313	8452		4.38	4.3775
47	18.604	5684		2.94	2.9436
48	18.950	13724		7.11	7.1081
49	19.259	9141		6.19	6.1851
50	19.439	3965		2.68	2.6831
51	19.702	2896		1.96	1.9599
52	19.792	2056		1.39	1.3911
54	20.468	2931		1.98	1.9831
55	20.639	775		0.52	0.5245
56	20.858	1238		0.39	0.3892
57	20.938	411		0.13	0.1292
	21.094	46304	AR1260	5.59	5.5918
59	21.547	21996		6.92	6.9152
60	21.842	257		0.08	0.0807
61	21.934	197		0.06	0.0619
62	22.010	168		0.05	0.0529
63	22.086	400		0.13	0.1256
64	22.302	12918		4.06	4.0614
65	22.421	4015		1.26	1.2623
66	22.493	4048		1.27	1.2727
67	22.702	2253		0.71	0.7084
68	22.865	4340		1.36	1.3646
69	23.011	938		0.29	0.2950
70	23.160	1181		0.37	0.3714
71	23.253	553		0.17	0.1739
72	23.324	293		0.09	0.0921
73	24.247	15873		0.52	0.5170
74	24.391	205		0.01	0.0067
75	24.473	1445		0.05	0.0471
76	25.321	10847		0.35	0.3533
77	25.479	2518		0.08	0.0820
78	25.549	1349		0.04	0.0440
79	25.709	1656		0.05	0.0539
80	26.103	1610		0.05	0.0524
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
81	26.573	1731		0.06	0.0564
82	26.876	3664		0.12	0.1193
83	27.433	5518		0.18	0.1797
84	28.339	49230		1.60	1.6034
85	28.917	19155		0.62	0.6239
86	29.100	1915		0.06	0.0624
87	29.661	645		0.02	0.0210
88	30.133	1933		0.06	0.0630
89	30.492	953		0.03	0.0310
90	31.147	385		0.01	0.0126
91	31.846	1949		0.06	0.0635

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
		1405975		141.86	141.8643

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
58	21.094	18513	AR1260-4	5.82	5.8203
42	17.050	8029	AR1260-1	4.75	4.7475
44	17.771	10418	AR1260-2	5.40	5.3957
53	20.232	9344	AR1260-3	6.32	6.3227
		46304		22.29	22.2862

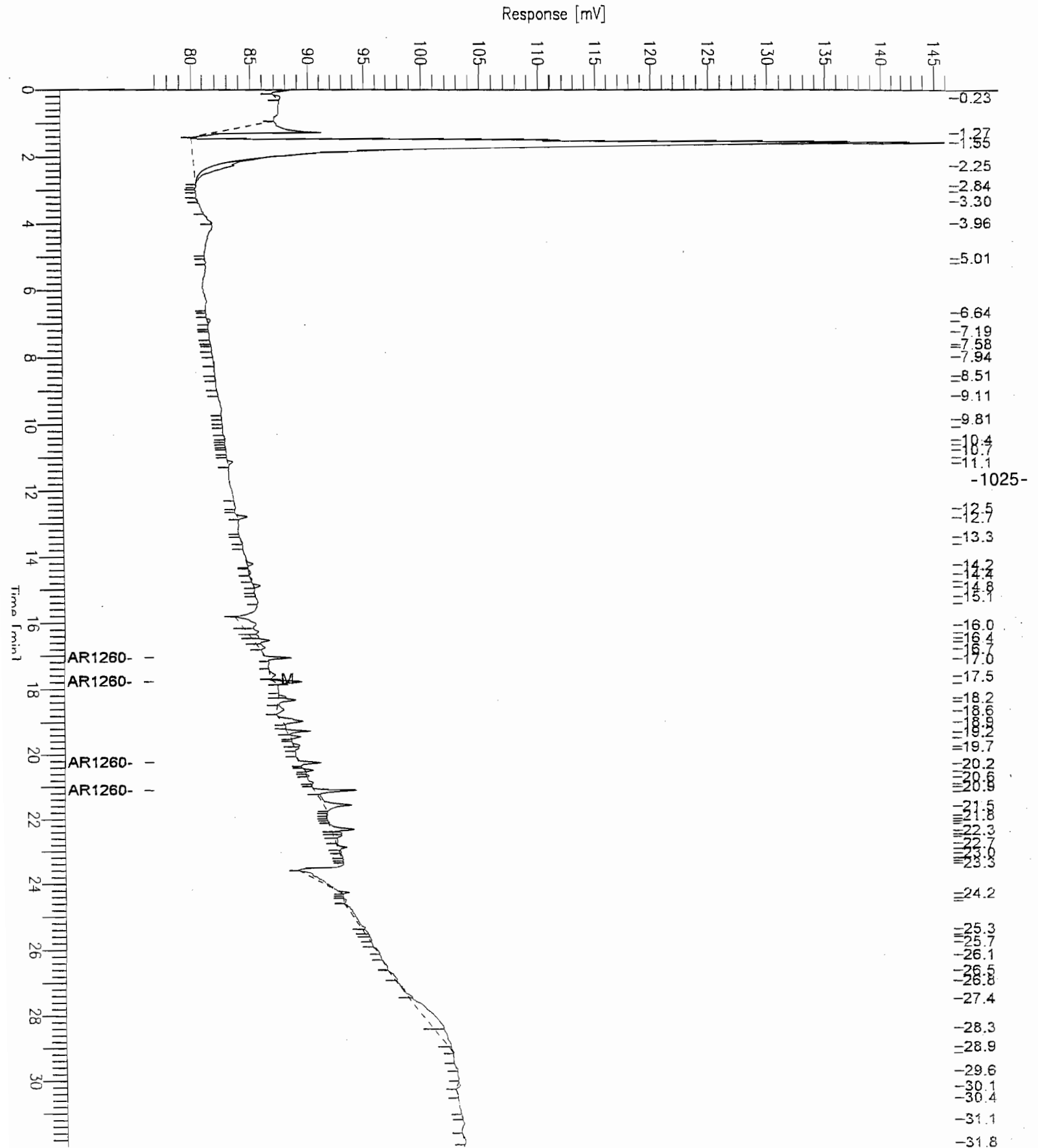
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

Report stored in ASCII file: C:\DATA65\I224045.TX0

Chromatogram - ECD#1

Sample Name : AR1260 5PPB
 FileName : C:\DATA65\I224045.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

Sample #: 45
 Date : 3/1/05 11:51 AM
 Time of Injection: 2/25/05 07:17 PM
 Low Point : 76.70 mV
 High Point : 146.38 mV
 End Time : 32.00 min
 Plot Offset: 77 mV
 Plot Scale: 69.7 mV



Software Version: 4.1<2F12>

Sample Name : AR1260 20PPB

Time : 3/1/05 11:51 AM

Sample Number: 45

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/45

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:17 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224045.RAW

Result File : C:\DATA65\H224045.rst

Inst Method : PCB2CH from C:\DATA65\H224045.rst

Proc Method : C:\DATA65\H1260228.mth

Calib Method : C:\DATA65\H1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-1026-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 68

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.758	89853		10.10	10.0952
2	1.010	69138		7.77	7.7678
3	1.066	489571		55.00	55.0047
4	3.032	2306		0.26	0.2591
5	4.013	366		0.04	0.0411
6	4.862	758		0.09	0.0852
7	6.204	1271		0.14	0.1428
8	7.136	523		0.06	0.0588
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.619	1724		0.19	0.1937
10	9.889	639		0.07	0.0718
11	10.809	2454		0.28	0.2757
12	11.467	1016		0.11	0.1142
13	11.794	546		0.06	0.0613
14	12.327	344		0.04	0.0387
15	12.616	2849		3.76	3.7626
16	14.904	783		1.03	1.0335
17	15.091	3986		5.26	5.2629
18	15.819	2732		3.61	3.6069
19	16.028	4921		6.50	6.4982
20	17.099	4439		5.86	5.8614
21	17.393	2114		2.79	2.7920
22	17.701	9912		13.09	13.0882
23	17.880	1373		1.81	1.8131
25	18.593	9922		13.10	13.1013
26	18.890	11049		9.72	9.7239
28	19.388	4532		3.99	3.9885
29	19.550	3381		2.98	2.9756
30	19.990	3240		4.19	4.1894
31	20.146	23035		29.78	29.7811
33	20.744	9079		11.74	11.7383
34	21.160	4075		5.27	5.2680
35	21.301	13082		16.91	16.9130
36	21.501	1214		1.57	1.5701
37	21.646	7074		3.89	3.8944
38	21.808	4639		2.55	2.5536
39	22.265	31530		17.36	17.3576
	22.522	92983	AR1260	20.74	20.7389
41	23.127	1008		0.55	0.5548
42	23.532	8023		4.42	4.4169
43	23.597	5048		2.78	2.7791
44	23.858	8311		4.58	4.5752
45	24.127	375		0.21	0.2062
46	24.949	9293		5.12	5.1159
47	25.736	18739		1.11	1.1120
48	25.973	4140		0.25	0.2457
49	26.840	22275		1.32	1.3218
50	27.032	6802		0.40	0.4036
51	27.607	23894		1.42	1.4179
52	27.755	7796		0.46	0.4626
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
53	27.949	6732		0.40	0.3995
54	28.161	6505		0.39	0.3860
55	28.366	6274		0.37	0.3723
56	28.542	1892		0.11	0.1123
57	28.649	1110		0.07	0.0659
58	28.865	633		0.04	0.0376
59	29.039	388		0.02	0.0230
60	29.241	511		0.03	0.0303
61	29.425	278		0.02	0.0165
62	29.648	500		0.03	0.0297
63	29.943	210		0.01	0.0124
64	30.435	960		0.06	0.0570
65	30.537	276		0.02	0.0164
66	31.129	276		0.02	0.0163
67	31.655	236		0.01	0.0140
68	31.937	337		0.02	0.0200
1055270				285.94	285.9436

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Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	22.522	35042	AR1260-4	19.29	19.2912
4	18.069	15980	AR1260-1	21.10	21.1010
7	19.143	23532	AR1260-2	20.71	20.7101
2	20.537	18429	AR1260-3	23.83	23.8265
92983				84.93	84.9288

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\H224045.TX0

Chromatogram - ECD#1

Sample Name : AR1260 20PPB

FileName : C:\DATA65\H224045.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor : 1.0

End Time : 32.00 min

Plot Offset : 46 mV

Sample #: 45

Date : 3/1/05 11:51 AM

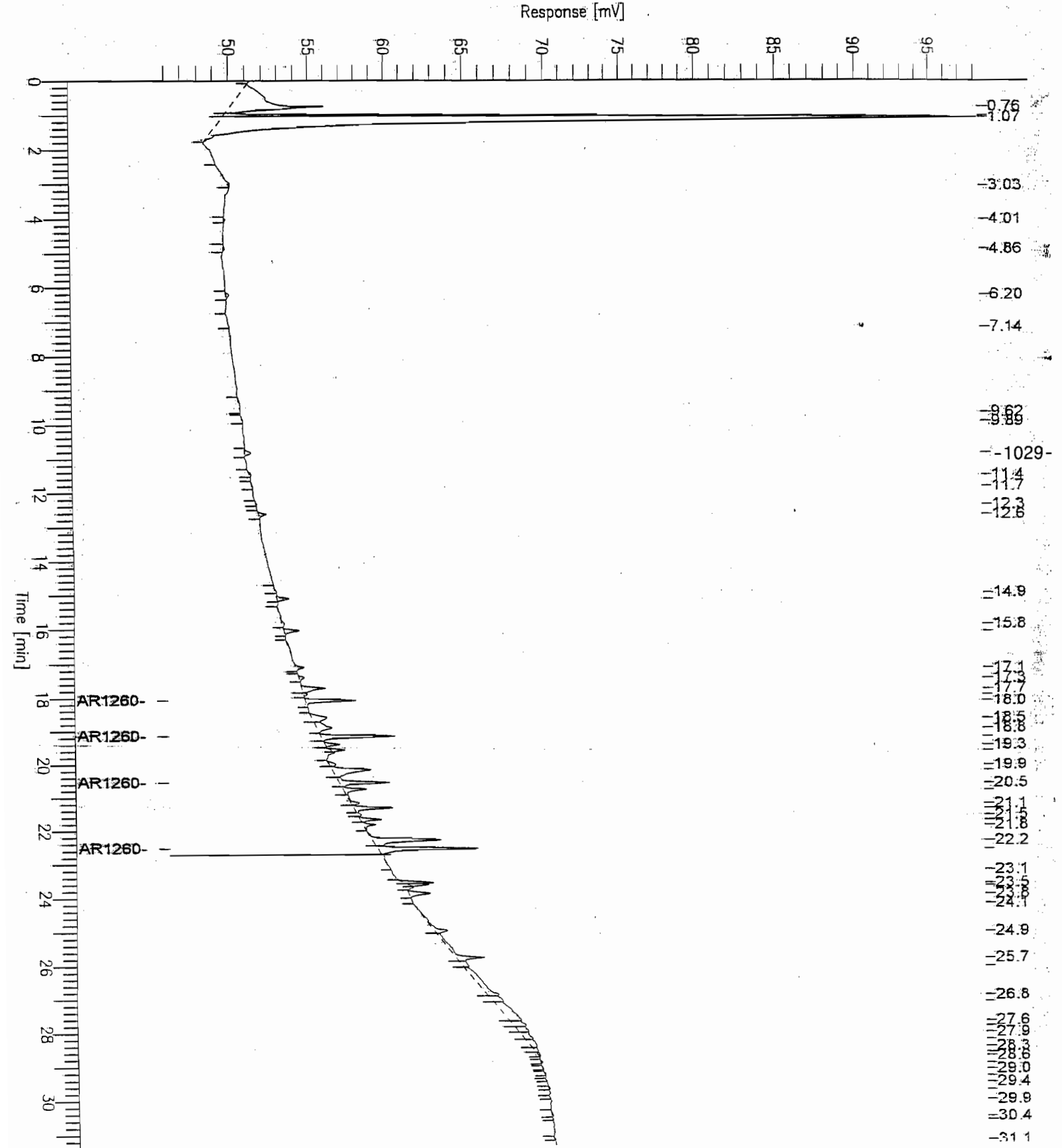
Time of Injection: 2/25/05 07:17 PM

Low Point : -45.97 mV

Plot Scale : 52.4 mV

Page 1 of 1

High Point : 98.32 mV



Software Version: 4.1<2F12>

Sample Name : AR1260 20PPB

Time : 3/1/05 11:51 AM

Sample Number: 46

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/45

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:53 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224046.RAW

Result File : C:\DATA65\I224046.rst

Inst Method : PCB2CH from C:\DATA65\I224046.rst

Proc Method : C:\DATA65\I1260228.mth

Calib Method : C:\DATA65\I1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1030-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 100

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.150	2463		0.10	0.1015
2	1.277	118814		4.90	4.8958
3	1.496	95487		3.93	3.9346
4	1.556	887441		36.57	36.5676
5	2.249	22797		0.94	0.9394
6	2.833	330		0.01	0.0136
7	3.107	294		0.01	0.0121
8	3.498	485		0.02	0.0200
9	3.887	3267		0.13	0.1346

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.956	956		0.04	0.0394
11	4.158	366		0.02	0.0151
12	4.793	142		0.01	0.0058
13	4.939	563		0.02	0.0232
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
14	6.276	1457		0.06	0.0601
15	6.719	323		0.01	0.0133
16	6.883	1915		0.08	0.0789
17	7.320	678		0.03	0.0280
18	7.647	634		0.03	0.0261
19	7.945	335		0.01	0.0138
20	8.434	3320		0.14	0.1368
21	8.736	715		0.03	0.0295
22	8.885	169		0.01	0.0070
23	9.259	546		0.02	0.0225
24	9.536	524		0.02	0.0216
25	9.954	621		0.03	0.0256
26	10.057	235		0.01	0.0097
27	10.187	100		0.00	0.0041
28	10.496	766		0.03	0.0315
29	10.740	185		0.01	0.0076
30	10.868	116		0.00	0.0048
31	11.114	2729		0.11	0.1124
32	11.548	887		0.04	0.0365
33	11.692	669		0.40	0.3958
34	12.040	1076		0.64	0.6362
35	12.496	1196		0.71	0.7073
36	12.781	6807		4.02	4.0248
37	13.204	157		0.09	0.0926
38	13.417	158		0.09	0.0934
39	13.507	197		0.12	0.1166
40	13.675	413		0.24	0.2442
41	14.200	9157		5.41	5.4147
42	14.675	9914		5.86	5.8620
43	14.863	18133		10.72	10.7215
44	15.388	232		0.14	0.1370
45	16.016	19187		11.34	11.3449
46	16.254	10966		6.48	6.4840
47	16.393	5372		3.18	3.1763
48	16.514	16028		9.48	9.4769
49	16.739	8090		4.78	4.7834
51	17.339	10376		6.14	6.1354
52	17.563	24259		12.56	12.5645
54	18.216	10446		5.41	5.4101
55	18.313	27177		14.08	14.0758
56	18.600	8662		4.49	4.4863
57	18.950	48579		25.16	25.1604
58	19.108	3011		2.04	2.0377
59	19.258	32607		22.06	22.0639
60	19.437	16182		10.95	10.9499
61	19.706	3242		2.19	2.1940
62	19.798	5695		3.85	3.8536
63	20.013	200		0.14	0.1355
64	20.126	1223		0.83	0.8275
66	20.468	15494		10.48	10.4843
67	20.640	5601		3.79	3.7903
68	20.850	4995		1.57	1.5705
	21.095	179559	AR1260	21.68	21.6842
70	21.322	1545		0.49	0.4857
71	21.549	42098		13.24	13.2350
72	21.858	289		0.09	0.0909
73	22.087	521		0.16	0.1637
74	22.300	39477		12.41	12.4112
75	22.425	10490		3.30	3.2978
76	22.495	9501		2.99	2.9869
77	22.865	2702		0.85	0.8496
78	23.011	627		0.20	0.1970
79	23.166	1574		0.49	0.4947
80	23.244	681		0.21	0.2142
81	23.674	9919		0.32	0.3231
82	24.244	89250		2.91	2.9069
83	24.483	18519		0.60	0.6032
84	24.944	39935		1.30	1.3007
85	25.089	18552		0.60	0.6042
86	25.315	26157		0.85	0.8520
87	25.562	15839		0.52	0.5159
88	25.629	2775		0.09	0.0904
89	26.099	25150		0.82	0.8192
0	26.165	0	Decachlorobiphenyl	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	26.179	2048		0.07	0.0667
91	26.426	5718		0.19	0.1862
92	26.491	1666		0.05	0.0543
93	27.446	867		0.03	0.0282
94	28.340	16879		0.55	0.5498
95	28.733	1502		0.05	0.0489
96	29.180	1009		0.03	0.0329
97	29.498	199		0.01	0.0065
98	29.847	1088		0.04	0.0354
99	30.104	2754		0.09	0.0897
100	30.667	4838		0.16	0.1576
		2048893		302.21	302.2063

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
69	21.095	62805	AR1260-4	19.75	19.7450
50	17.049	43534	AR1260-1	25.74	25.7408
53	17.771	44630	AR1260-2	23.11	23.1149
65	20.232	28591	AR1260-3	19.35	19.3462
		179559		87.95	87.9469

INSTR. 65 : RTX-CLP2, 30m x 0.32mmID, 2.5um film -1032-

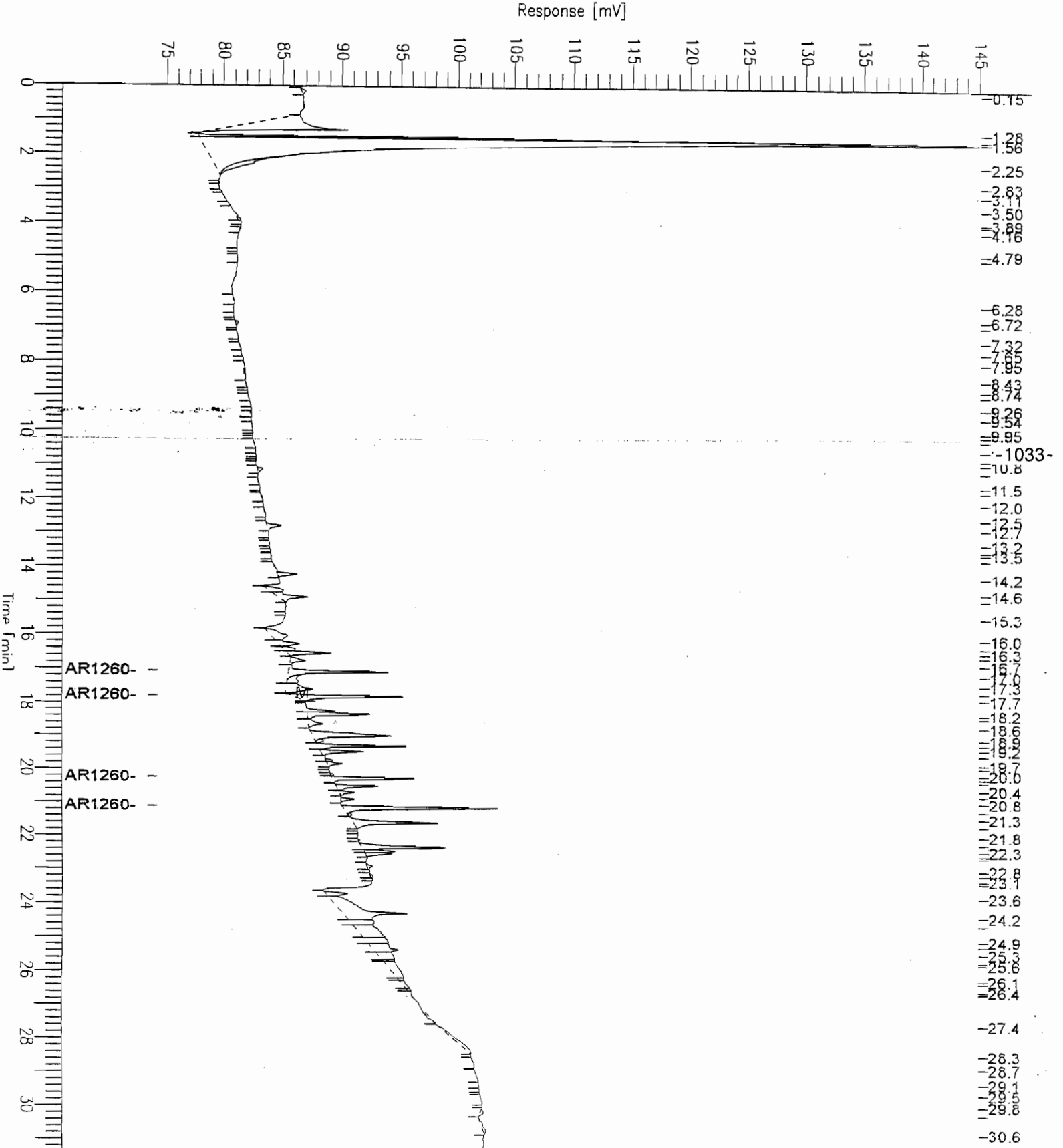
Report stored in ASCII file: C:\DATA65\I224046.TX0

Chromatogram - ECD#1

Sample Name : AR1260 20PPB
fileName : C:\DATA65\I224046.raw
ethod : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 74 mV

Sample #: 46
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 07:53 PM
Low Point : 74.38 mV
Plot Scale: 70.8 mV
Page 1 of 1
High Point : 145.15 mV



Software Version: 4.1<2F12>

Sample Name : AR1260 100PPB

Time : 3/1/05 11:51 AM

Sample Number: 46

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/46

Interface Serial # : NONE Data Acquisition Time: 2/25/05 07:53 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224046.RAW

Result File : C:\DATA65\H224046.rst

Inst Method : PCB2CH from C:\DATA65\H224046.rst

Proc Method : C:\DATA65\H1260228.mth

Calib Method : C:\DATA65\H1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1034-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 86

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

1	0.759	65074		7.31	7.3113
2	0.803	43552		4.89	4.8932
3	1.003	78930		8.87	8.8680
4	1.060	467847		52.56	52.5639
5	2.955	10774		1.21	1.2105
6	4.017	257		0.03	0.0289
7	6.202	1633		0.18	0.1634
8	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
9					
0					

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.926	957		0.11	0.1075
10	9.601	2249		0.25	0.2527
11	9.859	986		0.11	0.1107
12	10.808	1952		0.22	0.2193
13	11.169	733		0.08	0.0823
14	11.417	1510		0.17	0.1696
15	11.716	580		0.07	0.0652
16	11.813	634		0.07	0.0712
17	12.320	507		0.06	0.0569
18	12.615	8136		10.74	10.7431
19	12.835	1206		1.59	1.5926
20	13.511	603		0.80	0.7964
21	13.686	562		0.74	0.7422
22	14.204	597		0.79	0.7888
23	15.091	18513		24.45	24.4465
24	15.381	506		0.67	0.6687
25	15.586	931		1.23	1.2295
26	15.812	3637		4.80	4.8027
27	16.028	20881		27.57	27.5725
28	16.720	217		0.29	0.2862
29	17.097	14683		19.39	19.3892
30	17.390	7435		9.82	9.8174
31	17.700	43452		57.38	57.3781
32	17.881	6788		8.96	8.9634
34	18.595	12712		16.79	16.7857
35	18.893	17888		15.74	15.7425
37	19.386	20304		17.87	17.8692
38	19.549	25397		22.35	22.3516
39	19.636	12737		11.21	11.2095
40	19.983	7361		9.52	9.5165
41	20.145	90789		117.38	117.3770
43	20.743	31156		40.28	40.2798
44	21.155	11876		15.35	15.3543
45	21.301	60301		77.96	77.9606
46	21.504	5840		7.55	7.5506
47	21.646	31695		17.45	17.4486
48	21.806	19826		10.91	10.9144
49	22.084	972		0.54	0.5350
50	22.257	31182		17.17	17.1660
	22.522	404660	AR1260	90.26	90.2553
52	22.753	1776		0.98	0.9780
53	23.530	46972		25.86	25.8589
54	23.597	37269		20.52	20.5171
55	23.688	12828		7.06	7.0620
56	23.855	41464		22.83	22.8263
57	24.619	1369		0.75	0.7537
58	24.745	111		0.06	0.0610
59	24.944	16747		9.22	9.2194
60	25.733	35976		2.13	2.1349
61	25.977	3494		0.21	0.2073
62	26.831	7975		0.47	0.4733
63	27.474	5358		0.32	0.3180
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
64	27.964	7685		0.46	0.4561
65	28.037	175		0.01	0.0104
66	28.177	293		0.02	0.0174
67	28.323	699		0.04	0.0415
68	28.448	512		0.03	0.0304
69	28.666	1043		0.06	0.0619
71	28.894	548		0.03	0.0325
72	29.046	205		0.01	0.0122
73	29.170	370		0.02	0.0220
74	29.377	441		0.03	0.0262
75	29.569	527		0.03	0.0313
76	29.675	548		0.03	0.0325
77	29.916	870		0.05	0.0516
78	30.080	2197		0.13	0.1304
79	30.230	2847		0.17	0.1690
80	30.449	2425		0.14	0.1439
81	30.723	1372		0.08	0.0814
82	30.927	155		0.01	0.0092
83	31.109	434		0.03	0.0258
84	31.383	765		0.05	0.0454
85	31.664	527		0.03	0.0313
86	31.844	342		0.02	0.0203

-1035-

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
51	22.522	153560	AR1260-4	84.54	84.5371
33	18.069	73727	AR1260-1	97.36	97.3557
36	19.144	109004	AR1260-2	95.93	95.9327
42	20.538	68370	AR1260-3	88.39	88.3924
		404660		366.22	366.2178

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224046.TX0

Chromatogram - ECD#1

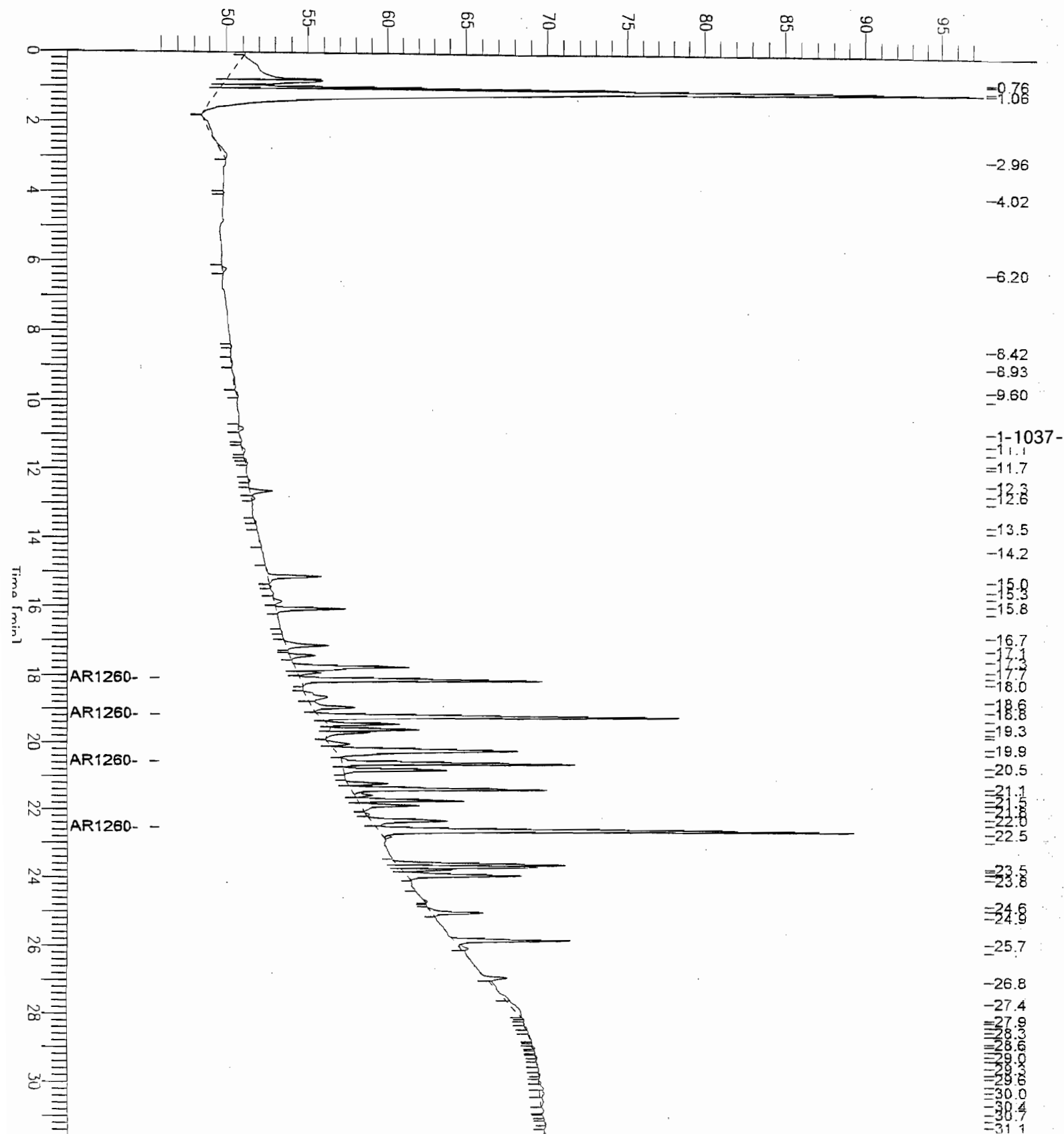
Sample Name : AR1260 100PPB
File Name : C:\DATA65\H224046.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 46 mV

Sample #: 46
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 07:53 PM
Low Point : 45.98 mV
High Point : 97.87 mV
Plot Scale: 51.9 mV

Page 1 of 1

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1260 100PPB

Time : 3/1/05 11:51 AM

Sample Number: 47

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/46

Interface Serial # : NONE Data Acquisition Time: 2/25/05 08:29 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224047.RAW

Result File : C:\DATA65\I224047.rst

Inst Method : PCB2CH from C:\DATA65\I224047.rst

Proc Method : C:\DATA65\I1260228.mth

Calib Method : C:\DATA65\I1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1038-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 97

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.153	2298		0.09	0.0947
2	0.495	105		0.00	0.0043
3	0.647	836		0.03	0.0345
4	1.273	101311		4.17	4.1746
5	1.492	98407		4.05	4.0549
6	1.552	886487		36.53	36.5283
7	2.248	30569		1.26	1.2596
8	2.833	407		0.02	0.0168
9	2.888	427		0.02	0.0176

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.886	1018		0.04	0.0419
11	4.932	174		0.01	0.0072
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
12	6.274	1446		0.06	0.0596
13	6.879	3397		0.14	0.1400
14	7.342	571		0.02	0.0235
15	7.424	182		0.01	0.0075
16	7.936	2743		0.11	0.1130
17	8.097	178		0.01	0.0074
18	8.735	1627		0.07	0.0670
19	9.041	204		0.01	0.0084
20	9.266	2011		0.08	0.0829
21	9.476	734		0.03	0.0302
22	9.935	1063		0.04	0.0438
23	10.050	822		0.03	0.0339
24	10.506	173		0.01	0.0071
25	10.760	3108		0.13	0.1280
26	11.117	1319		0.05	0.0543
27	11.398	274		0.01	0.0113
28	11.548	381		0.02	0.0157
29	11.908	2615		1.55	1.5461
30	12.049	810		0.48	0.4792
31	12.435	332		0.20	0.1961
32	12.782	17140		10.13	10.1346
33	13.198	755		0.45	0.4463
34	13.575	813		0.48	0.4810
35	13.726	622		0.37	0.3678
36	13.871	873		0.52	0.5160
37	13.963	821		0.49	0.4854
38	14.085	1339		0.79	0.7917
39	14.202	39364		23.28	23.2754
40	14.665	4829		2.86	2.8553
41	14.865	52246		30.89	30.8922
42	15.121	2973		1.76	1.7576
43	15.515	3105		1.84	1.8360
44	16.007	24872		14.71	14.7065
45	16.252	34111		20.17	20.1690
46	16.395	20362		12.04	12.0397
47	16.515	82754		48.93	48.9309
48	16.739	50667		29.96	29.9583
50	17.321	4713		2.79	2.7867
51	17.481	6143		3.18	3.1814
52	17.563	25631		13.27	13.2747
54	18.217	43173		22.36	22.3601
55	18.313	119557		61.92	61.9213
56	18.601	16392		8.49	8.4899
57	18.745	1217		0.63	0.6305
58	18.952	223799		115.91	115.9109
59	19.116	9974		6.75	6.7492
60	19.259	151192		102.30	102.3048
61	19.437	78111		52.85	52.8540
62	19.702	10574		7.15	7.1546
63	19.798	30663		20.75	20.7484
64	20.124	5928		4.01	4.0112
66	20.469	78531		53.14	53.1386
67	20.642	38333		25.94	25.9384
68	20.850	29049		9.13	9.1328
	21.095	820481	AR1260	99.08	99.0839
70	21.310	11170		3.51	3.5118
71	21.471	11919		3.75	3.7473
72	21.550	33442		10.51	10.5136
73	22.080	4134		1.30	1.2997
74	22.300	204173		64.19	64.1892
75	22.426	55701		17.51	17.5116
76	22.495	57385		18.04	18.0410
77	22.785	1630		0.51	0.5124
78	22.865	3345		1.05	1.0517
79	23.014	568		0.18	0.1785
80	23.142	3490		1.10	1.0972
81	23.255	3462		1.09	1.0883
82	23.671	31154		1.01	1.0147
83	24.246	95547		3.11	3.1120
84	24.464	5293		0.17	0.1724
85	24.640	165		0.01	0.0054
86	25.087	5589		0.18	0.1820
87	25.168	441		0.01	0.0144
88	25.318	15296		0.50	0.4982
89	25.635	523		0.02	0.0203

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	26.107	1011		0.03	0.0329
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
2	27.036	6661		0.22	0.2169
3	27.435	2320		0.08	0.0756
4	29.019	60818		1.98	1.9809
5	29.801	2465		0.08	0.0803
6	30.654	2375		0.08	0.0774
7	31.566	1383		0.05	0.0450
		3800230		988.93	988.9254

Group Report For : AR1260

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	21.095	310319	AR1260-4	97.56	97.5602
9	17.050	173728	AR1260-1	102.72	102.7226
3	17.771	195413	AR1260-2	101.21	101.2090
5	20.233	141021	AR1260-3	95.42	95.4227
		820481		396.91	396.9145

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224047.TX0

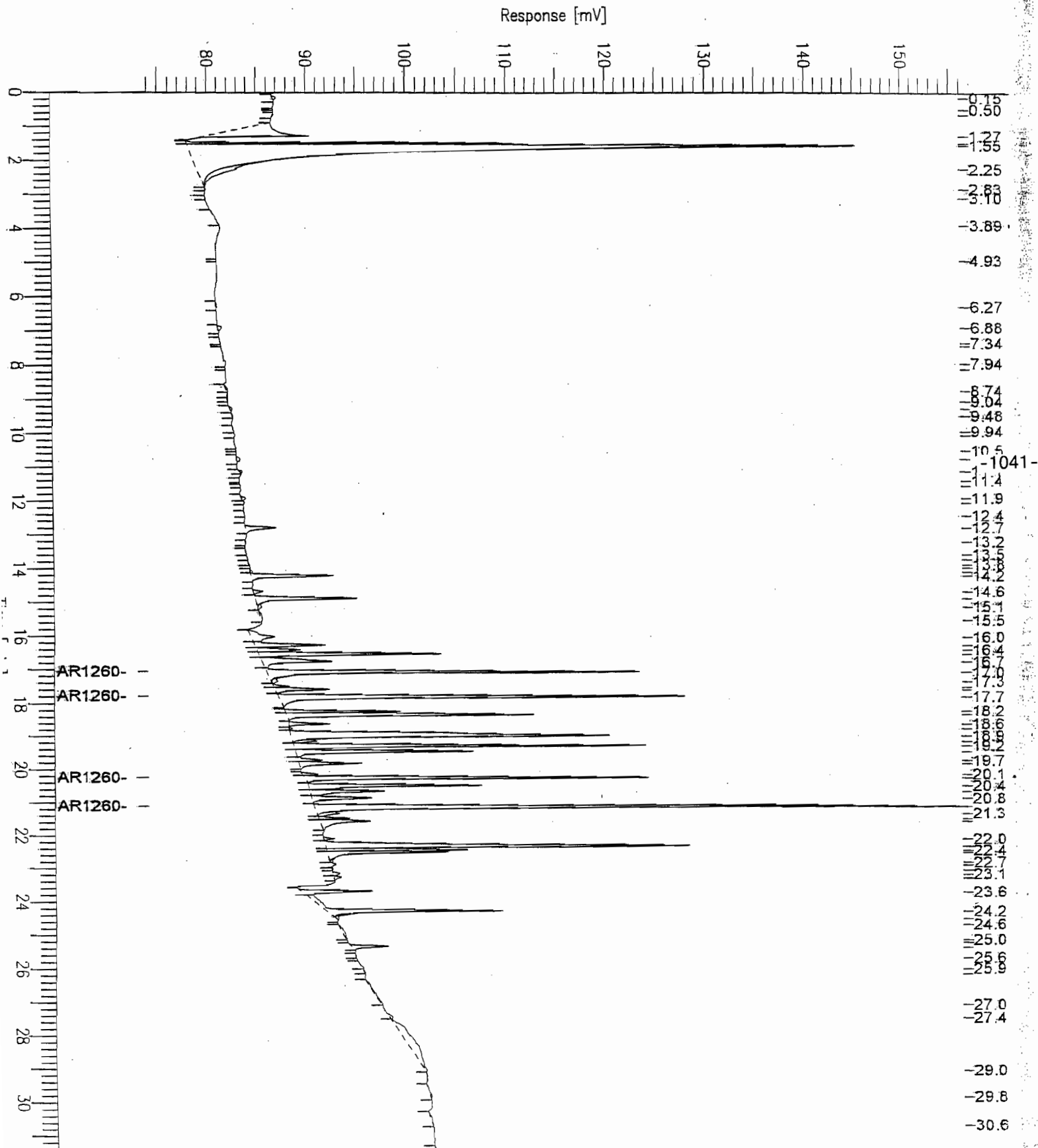
Chromatogram - ECD#1

Sample Name : AR1260 100PPB
FileName : C:\DATA65\I224047.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 74 mV

Sample #: 47
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 08:29 PM
Low Point : 73.95 mV
High Point : 156.04 mV
Plot Scale: 82.1 mV

Page 1 of 1



oftware Version: 4.1<2F12>
ample Name : AR1260 250PPB
ample Number: 47
operator : manager

Time : 3/1/05 11:51 AM
Study :

nstrument : HP-SFC Channel : A A/D mV Range : 1000
utoSampler : HP7673A
ack/Vial : 0/47

nterface Serial # : NONE Data Acquisition Time: 2/25/05 08:29 PM
elay Time : 0.00 min.
nd Time : 32.00 min.
ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224047.RAW
esult File : C:\DATA65\H224047.rst
nst Method : PCB2CH from C:\DATA65\H224047.rst
roc Method : C:\DATA65\H1260228.mth
alib Method : C:\DATA65\H1260228.mth
equence File : C:\DATA65\GA2794.SEQ

sample Volume : 1.0000 mL Area Reject : 99.000000
sample Amount : 1.0000 Dilution Factor : 1.00

oise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
ultiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
ate Recieve : Client Name :
DEC Sample N :

-1042-

Instrument Conditions:
IP-SFC

Total number of peaks detected: 89

PCB REPORT

IP-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	97127		10.91	10.9125
2	1.004	65721		7.38	7.3839
3	1.062	387237		43.51	43.5072
4	2.957	7591		0.85	0.8529
5	4.014	186		0.02	0.0209
6	6.204	982		0.11	0.1104
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
7	7.144	1152		0.13	0.1295
8	7.598	105		0.01	0.0118

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.417	962		0.11	0.1081
0	8.913	415		0.05	0.0467
1	9.596	1981		0.22	0.2225
2	9.758	1132		0.13	0.1271
3	9.869	1116		0.13	0.1254
4	10.403	440		0.05	0.0494
5	10.806	1846		0.21	0.2074
6	11.173	763		0.09	0.0857
7	11.417	1888		0.21	0.2121
8	11.720	1133		0.13	0.1273
9	11.814	1016		0.11	0.1142
0	12.320	995		0.11	0.1118
1	12.617	7002		9.25	9.2458
2	12.830	3320		4.38	4.3835
3	13.003	1116		1.47	1.4733
4	13.158	325		0.43	0.4298
5	13.511	1276		1.68	1.6849
6	13.665	782		1.03	1.0321
7	13.913	709		0.94	0.9364
8	14.209	1021		1.35	1.3479
9	15.093	45880		60.58	60.5839
0	15.387	1340		1.77	1.7691
1	15.589	481		0.64	0.6352
2	15.809	6969		9.20	9.2025
3	16.029	55988		73.93	73.9311
4	16.707	1961		2.59	2.5889
5	17.098	37949		50.11	50.1111
6	17.390	20065		26.50	26.4962
7	17.703	111700		147.50	147.4983
8	17.883	16476		21.76	21.7567
0	18.485	6005		7.93	7.9301
1	18.599	16208		21.40	21.4031
2	18.895	28462		25.05	25.0487
4	19.387	52109		45.86	45.8608
5	19.551	65219		57.40	57.3986
6	19.639	18165		15.99	15.9871
7	19.982	17110		22.12	22.1205
8	20.147	235450		304.40	304.4034
0	20.745	76424		98.81	98.8055
1	21.156	31028		40.11	40.1148
2	21.302	157363		203.45	203.4484
3	21.505	14405		18.62	18.6238
4	21.648	82338		45.33	45.3286
5	21.807	50753		27.94	27.9401
6	22.082	2461		1.35	1.3549
7	22.258	68667		37.80	37.8023
	22.524	1047342	AR1260	233.60	233.5988
9	22.753	8335		4.59	4.5887
0	23.276	338		0.19	0.1860
1	23.532	126408		69.59	69.5896
2	23.600	98731		54.35	54.3532
3	23.689	33459		18.42	18.4198
4	23.857	117814		64.86	64.8587
5	24.619	3993		2.20	2.1979
6	24.945	45270		24.92	24.9217
7	25.135	737		0.41	0.4058
8	25.735	92923		5.51	5.5143
9	25.975	10246		0.61	0.6080
0	26.831	25539		1.52	1.5155
1	27.315	5323		0.32	0.3159
2	27.553	3061		0.18	0.1816
3	27.771	3660		0.22	0.2172
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
4	28.015	2098		0.12	0.1245
5	28.280	816		0.05	0.0484
6	28.453	831		0.05	0.0493
7	28.673	744		0.04	0.0441
8	28.786	276		0.02	0.0164
9	29.235	500		0.03	0.0297
0	29.375	308		0.02	0.0183
1	29.721	515		0.03	0.0305
2	29.898	947		0.06	0.0562
3	30.144	102		0.01	0.0061
4	30.523	344		0.02	0.0204
5	30.670	261		0.02	0.0155
6	30.910	773		0.05	0.0459
7	31.188	725		0.04	0.0430
8	31.436	445		0.03	0.0264
9	31.857	258		0.02	0.0254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
		3443438		1935.21	1935.2068

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
58	22.524	412586	AR1260-4	227.14	227.1352
39	18.070	185093	AR1260-1	244.41	244.4140
43	19.145	277161	AR1260-2	243.93	243.9256
49	20.539	172501	AR1260-3	223.02	223.0190
		1047342		938.49	938.4938

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

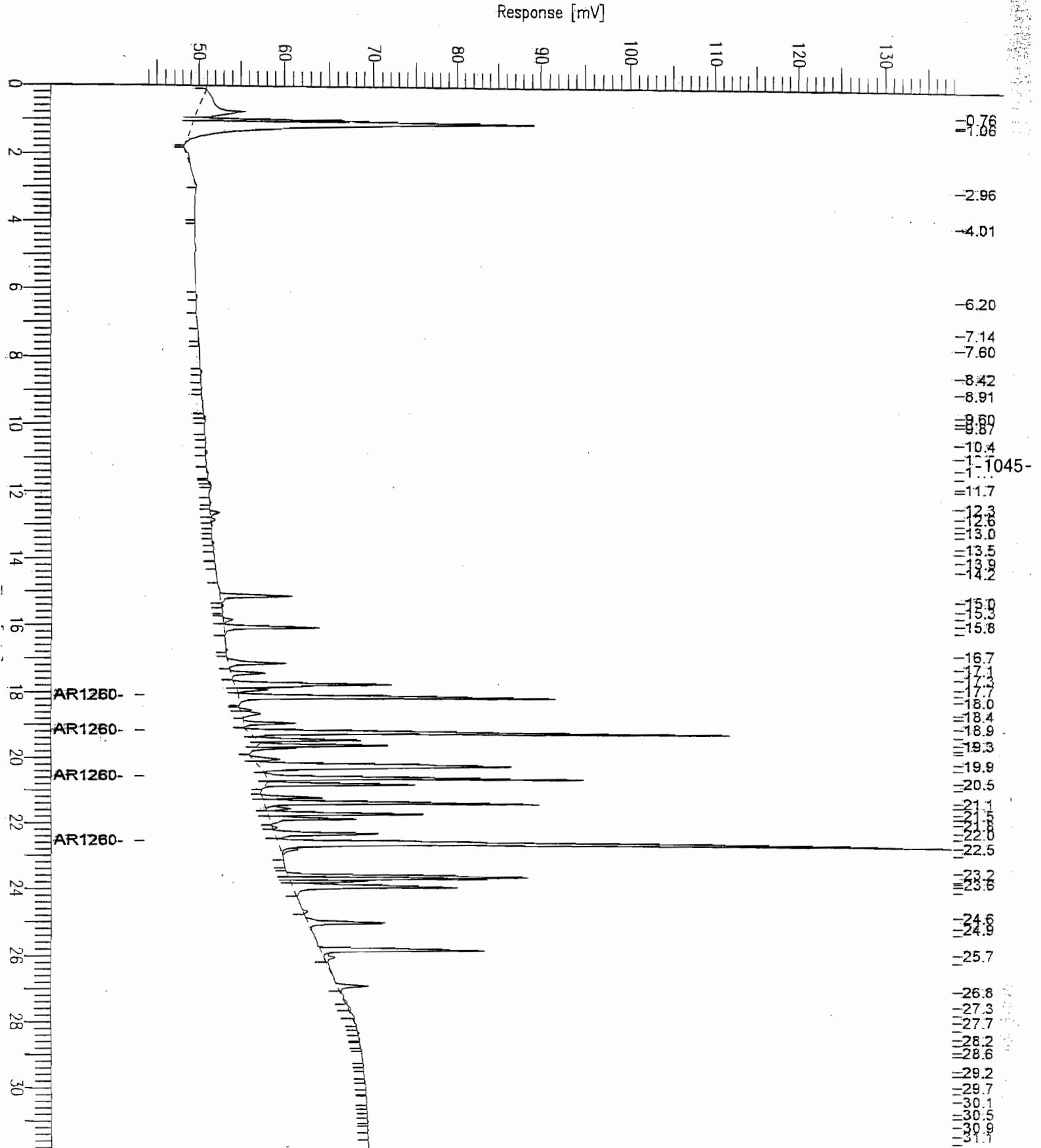
Report stored in ASCII file: C:\DATA65\H224047.TX0

Chromatogram - ECD#1

Sample Name : AR1260 250PPB
File Name : C:\DATA65\H224047.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 44 mV

Sample #: 47
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 08:29 PM
Low Point : 43.70 mV
Plot Scale: 94.5 mV
Page 1 of 1
High Point : 138.22 mV



Software Version: 4.1<2F12>

Sample Name : AR1260 250PPB

Time : 3/1/05 11:51 AM

Sample Number: 48

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/47

Interface Serial # : NONE Data Acquisition Time: 2/25/05 09:05 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224048.RAW

Result File : C:\DATA65\I224048.rst

Inst Method : PCB2CH from C:\DATA65\I224048.rst

Proc Method : C:\DATA65\I1260228.mth

Calib Method : C:\DATA65\I1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1046-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 95

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.125	1735		0.07	0.0715
2	0.477	254		0.01	0.0105
3	1.275	124548		5.13	5.1321
4	1.556	758023		31.23	31.2348
5	2.825	312		0.01	0.0129
6	3.083	298		0.01	0.0123
7	3.499	1487		0.06	0.0613
8	3.880	5581		0.23	0.2300
9	3.959	3106		0.13	0.1280

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.084	1101		0.05	0.0454
11	4.175	613		0.03	0.0253
12	4.938	170		0.01	0.0070
13	5.099	230		0.01	0.0095
14	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
15	6.281	2180		0.09	0.0898
16	6.489	111		0.00	0.0046
17	6.894	2320		0.10	0.0956
18	7.725	540		0.02	0.0223
19	7.897	2465		0.10	0.1016
20	8.718	1421		0.06	0.0585
21	9.257	4820		0.20	0.1986
22	9.476	2185		0.09	0.0900
23	9.814	451		0.02	0.0186
24	9.925	1330		0.05	0.0548
25	10.038	2472		0.10	0.1019
26	10.412	748		0.03	0.0308
27	10.499	434		0.02	0.0179
28	10.580	277		0.01	0.0114
29	10.764	7727		0.32	0.3184
30	11.119	1469		0.06	0.0605
31	11.203	3421		0.14	0.1409
32	11.553	616		0.03	0.0254
33	11.913	6085		3.60	3.5980
34	12.041	2504		1.48	1.4808
35	12.184	1324		0.78	0.7830
36	12.785	22424		13.26	13.2591
37	13.200	3505		2.07	2.0725
38	13.701	1561		0.92	0.9232
39	13.871	683		0.40	0.4037
40	14.085	2308		1.36	1.3649
41	14.203	93039		55.01	55.0127
42	14.668	14732		8.71	8.7109
43	14.866	124748		73.76	73.7613
44	15.118	5875		3.47	3.4738
45	16.008	30368		17.96	17.9560
46	16.252	73382		43.39	43.3893
47	16.395	48217		28.51	28.5099
48	16.515	192357		113.74	113.7374
49	16.740	125101		73.97	73.9702
50	17.321	16283		9.63	9.6277
51	17.482	18922		9.80	9.8002
52	17.563	71704		37.14	37.1371
53	18.218	107734		55.80	55.7978
54	18.312	287380		148.84	148.8409
55	18.602	37745		19.55	19.5488
56	18.744	4723		2.45	2.4462
57	18.951	536330		277.78	277.7781
58	19.119	22270		15.07	15.0691
59	19.259	349303		236.36	236.3571
60	19.437	186980		126.52	126.5208
61	19.701	9586		6.49	6.4861
62	19.798	65946		44.62	44.6226
63	20.125	15819		10.70	10.7041
64	20.468	187043		126.56	126.5632
65	20.642	95686		64.75	64.7461
66	20.849	70043		22.02	22.0207
67	21.094	1951381	AR1260	235.65	235.6549
68	21.310	26681		8.39	8.3882
69	21.468	28434		8.94	8.9394
70	21.549	65264		20.52	20.5182
71	22.079	10816		3.40	3.4005
72	22.300	500474		157.34	157.3426
73	22.426	132046		41.51	41.5136
74	22.495	124889		39.26	39.2634
75	22.865	10823		3.40	3.4026
76	23.136	20901		6.57	6.5710
77	23.257	53038		16.67	16.6746
78	23.671	78817		2.57	2.5671
79	24.245	242078		7.88	7.8846
80	24.786	16775		0.55	0.5464
81	25.097	5397		0.18	0.1758
82	25.316	38174		1.24	1.2433
83	25.568	209		0.01	0.0068
84	25.741	237		0.01	0.0077
85	26.093	739		0.02	0.0241
86	26.165	0	Decachlorobiphenyl	0.00	0.0000
87	26.485	1961		0.06	0.0639

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
30	26.726	1646		0.05	0.0536
31	26.870	1761		0.06	0.0574
32	27.192	5449		0.18	0.1775
33	29.322	133392		4.34	4.3446
34	29.856	8286		0.27	0.2699
35	31.291	17720		0.58	0.5771
		7241917		2254.58	2254.5766

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
39	21.094	745217	AR1260-4	234.29	234.2867
19	17.050	403646	AR1260-1	238.57	238.6690
33	17.770	468704	AR1260-2	242.75	242.7533
55	20.233	333814	AR1260-3	225.88	225.8768
		1951381		941.59	941.5857

=====
 INSTR. 65 ::: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224048.TX0

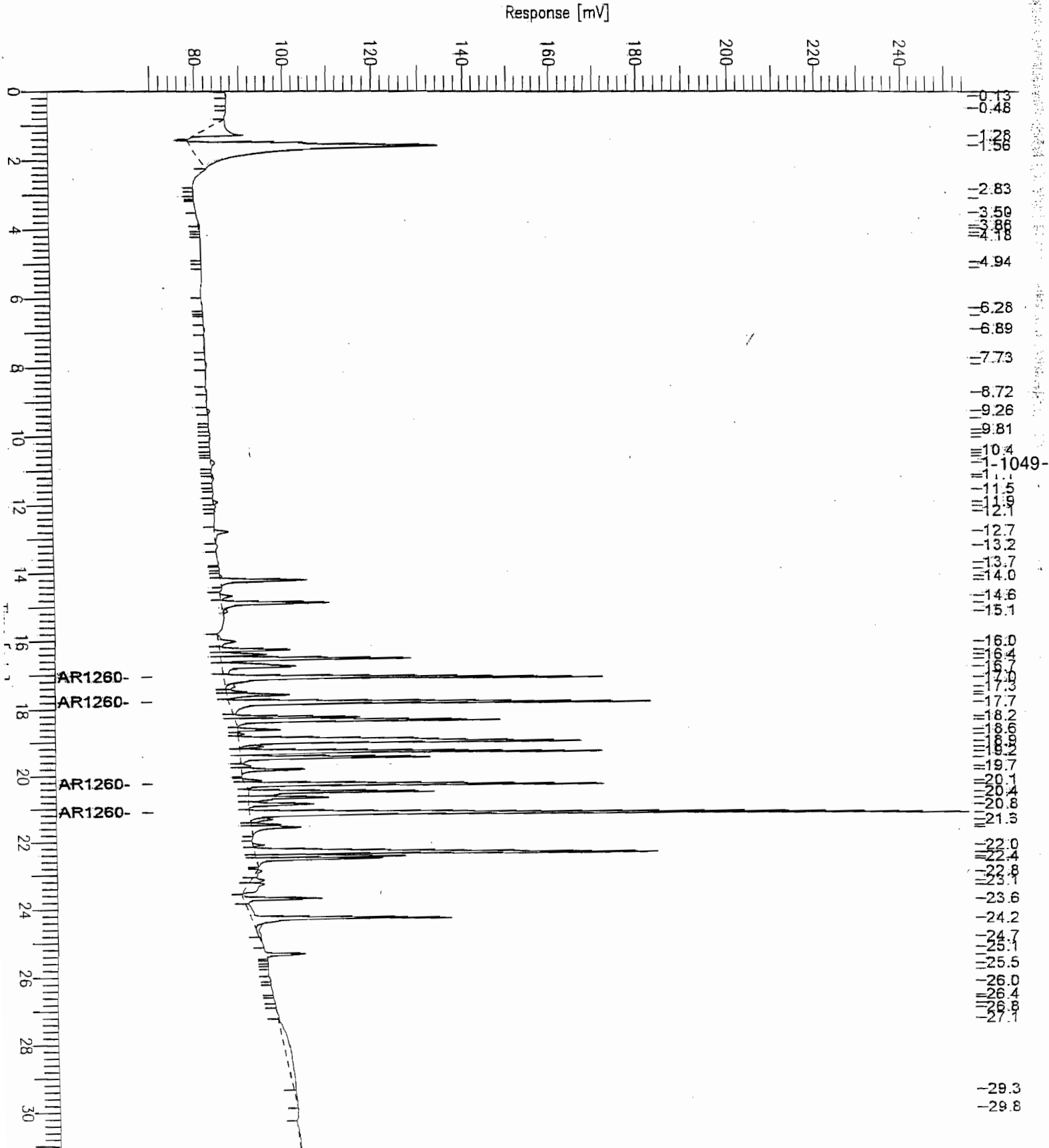
Chromatogram - ECD#1

Sample Name : AR1260 250PPB
FileName : C:\DATA65\I224048.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 69 mV

Sample #: 48
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 09:05 PM
Low Point : 69.35 mV
High Point : 255.43 mV
Plot Scale: 186.1 mV

Page 1 of 1



oftware Version: 4.1<2F12>
ample Name : AR1260 500PPB
ample Number: 48
operator : manager

Time : 3/1/05 11:51 AM
Study :

nstrument : HP-SFC Channel : A A/D mV Range : 1000
utoSampler : HP7673A
ack/Vial : 0/48

nterface Serial # : NONE Data Acquisition Time: 2/25/05 09:05 PM
elay Time : 0.00 min.
nd Time : 32.00 min.
ampling Rate : 5.0000 pts/sec

aw Data File : C:\DATA65\H224048.RAW
esult File : C:\DATA65\H224048.rst
nst Method : PCB2CH from C:\DATA65\H224048.rst
roc Method : C:\DATA65\H1260228.mth
alib Method : C:\DATA65\H1260228.mth
equence File : C:\DATA65\GA2794.SEQ

ample Volume : 1.0000 mL Area Reject : 99.000000
ample Amount : 1.0000 Dilution Factor : 1.00

oise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
ultiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
Solids : SDG Name :
ate Recieve : Client Name :
EC Sample N :

-1050-

nstrument Conditions:
P-SFC

otal number of peaks detected: 93

PCB REPORT

P-SFC CHANNEL H

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.759	59040		6.63	6.6333
2	1.008	72690		8.17	8.1669
3	1.066	455647		51.19	51.1932
4	2.925	8041		0.90	0.9034
5	4.016	345		0.04	0.0388
6	6.208	1311		0.15	0.1473
7	7.006	424		0.05	0.0477
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.419	2226		0.25	0.2501
10	8.917	825		0.09	0.0926
11	9.526	783		0.09	0.0880
12	9.753	2455		0.28	0.2758
13	9.854	2027		0.23	0.2277
14	10.399	1251		0.14	0.1405
15	10.508	921		0.10	0.1034
16	10.805	2039		0.23	0.2291
17	11.160	720		0.08	0.0809
18	11.414	1671		0.19	0.1877
19	11.719	3366		0.38	0.3782
20	11.811	4319		0.49	0.4853
21	11.899	3324		0.37	0.3735
22	12.321	2334		0.26	0.2622
23	12.616	6852		9.05	9.0484
24	12.829	5448		7.19	7.1942
25	13.002	2030		2.68	2.6802
26	13.153	456		0.60	0.6017
27	13.508	2349		3.10	3.1018
28	13.666	1190		1.57	1.5713
29	13.843	227		0.30	0.3000
30	14.210	2159		2.85	2.8514
31	15.092	88673		117.09	117.0921
32	15.382	2382		3.15	3.1453
33	15.583	537		0.71	0.7097
34	15.808	13606		17.97	17.9663
35	16.029	108570		143.36	143.3650
36	16.710	1819		2.40	2.4022
37	17.098	77628		102.51	102.5066
38	17.391	41399		54.67	54.6676
39	17.702	229298		302.79	302.7856
40	17.883	34192		45.15	45.1504
41	18.484	12919		17.06	17.0595
42	18.600	26876		35.49	35.4893
43	18.896	56945		50.12	50.1162
44	19.388	102421		90.14	90.1390
45	19.551	137120		120.68	120.6773
46	19.643	37514		33.02	33.0155
47	19.983	34421		44.50	44.5011
48	20.148	497512		643.21	643.2135
49	20.746	173192		223.91	223.9126
50	21.156	66011		85.34	85.3434
51	21.303	328338		424.49	424.4948
52	21.506	28574		36.94	36.9422
53	21.649	171108		94.20	94.1978
54	21.807	106075		58.40	58.3958
55	22.081	4594		2.53	2.5289
56	22.254	84582		46.56	46.5637
57	22.525	2173857	AR1260	484.86	484.8565
58	22.755	15610		8.59	8.5937
59	23.037	482		0.27	0.2651
60	23.533	273314		150.46	150.4637
61	23.598	214372		118.02	118.0151
62	23.687	73018		40.20	40.1975
63	23.859	248616		136.87	136.8669
64	24.279	2499		1.38	1.3756
65	24.618	5991		3.30	3.2981
66	24.946	97504		53.68	53.6775
67	25.736	199357		11.83	11.8303
68	25.974	17743		1.05	1.0529
69	26.834	43072		2.56	2.5560
70	27.373	4184		0.25	0.2483
71	27.508	388		0.02	0.0230
72	27.716	900		0.05	0.0534
73	27.786	0	Decachlorobiphenyl	0.00	0.0000
74	27.798	766		0.05	0.0455
75	27.976	106		0.01	0.0063
76	28.183	840		0.05	0.0499
77	28.348	591		0.04	0.0351
78	28.623	1099		0.07	0.0652
79	28.767	802		0.05	0.0476
80	28.969	651		0.04	0.0386
81	29.113	365		0.02	0.0217
82	29.389	191		0.01	0.0114
83	29.500	411		0.02	0.0244
84	29.848	677		0.04	0.0402
85	30.066	124		0.01	0.0073
86	30.370	369		0.02	0.0219

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	30.962	110		0.01	0.0065
11	31.462	545		0.03	0.0324
12	31.612	280		0.02	0.0166
13	31.869	129		0.01	0.0076
		6493072		3907.99	3907.9868

Group Report For : AR1260

Peak	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	22.525	875816	AR1260-4	482.15	482.1506
11	18.069	369143	AR1260-1	487.45	487.4498
15	19.145	558873	AR1260-2	491.86	491.8556
11	20.539	370025	AR1260-3	478.39	478.3906
		2173857		1939.85	1939.8466

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

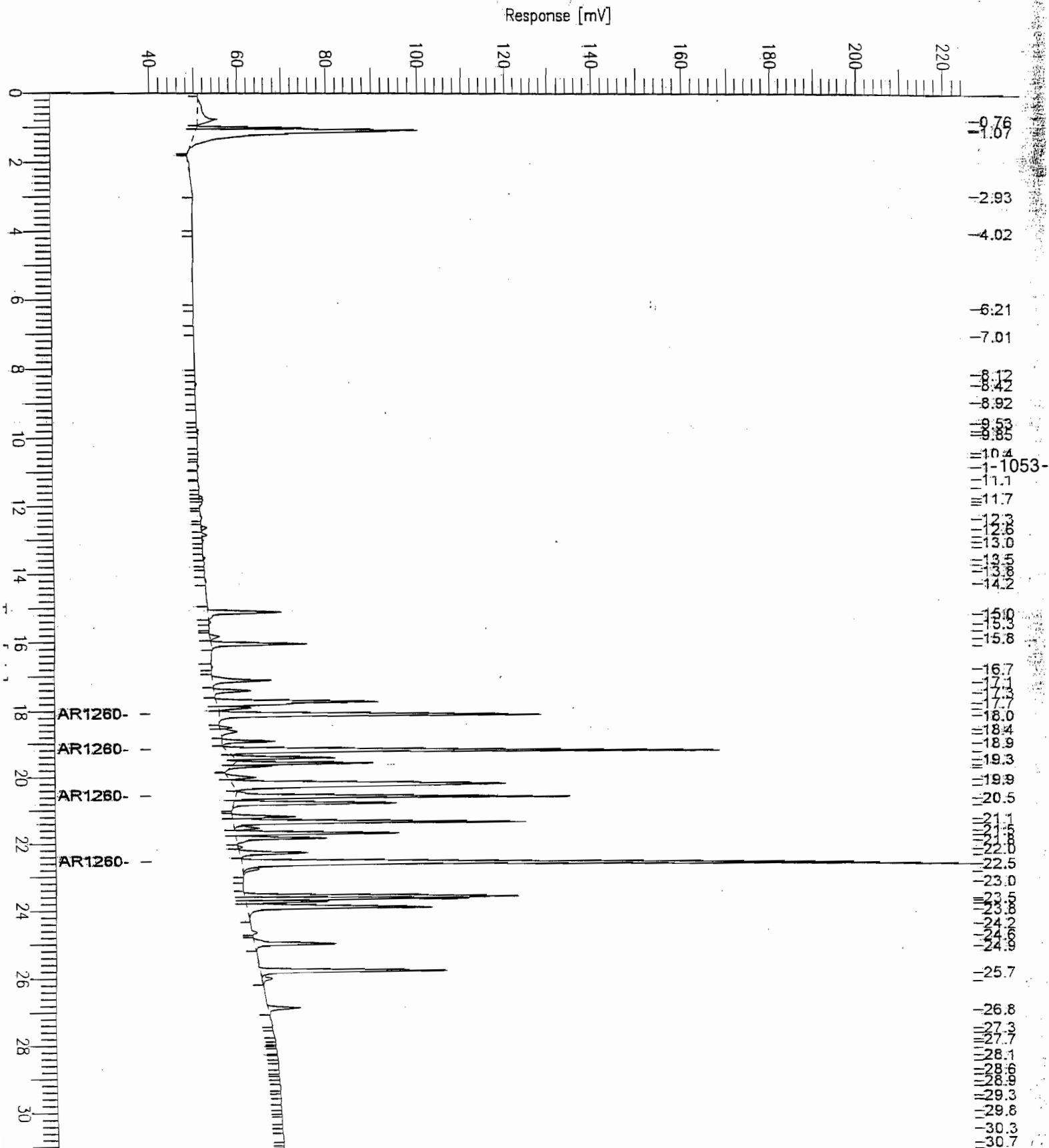
Report stored in ASCII file: C:\DATA65\H224048.TXT0

Chromatogram - ECD#1

Sample Name : AR1260 500PPB
File Name : C:\DATA65\H224048.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 40 mV

Sample #: 48
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 09:05 PM
Low Point : 39.55 mV
Plot Scale: 186.3 mV
High Point : 225.87 mV



Software Version: 4.1<2F12>

Sample Name : AR1260 500PPB

Time : 3/1/05 11:51 AM

Sample Number: 49

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/48

Interface Serial # : NONE Data Acquisition Time: 2/25/05 09:42 PM

Delay Time : 0.00 min.

Ind Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224049.RAW

Result File : C:\DATA65\I224049.rst

Inst Method : PCB2CH from C:\DATA65\I224049.rst

Proc Method : C:\DATA65\I1260228.mth

Calib Method : C:\DATA65\I1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

-1054-

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 104

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.186	1757		0.07	0.0724
2	0.678	24446		1.01	1.0073
3	1.273	150085		6.18	6.1843
4	1.556	913518		37.64	37.6421
5	2.847	606		0.02	0.0250
6	3.002	170		0.01	0.0070
7	3.142	395		0.02	0.0163
8	3.809	1051		0.04	0.0433

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.937	184		0.01	0.0076
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
11	6.336	858		0.04	0.0354
12	6.704	514		0.02	0.0212
13	6.879	2660		0.11	0.1096
14	7.266	1356		0.06	0.0559
15	7.497	233		0.01	0.0096
16	7.691	964		0.04	0.0397
17	7.888	4978		0.21	0.2051
18	8.643	960		0.04	0.0396
19	9.100	252		0.01	0.0104
20	9.248	8705		0.36	0.3587
21	9.806	454		0.02	0.0187
22	9.921	2046		0.08	0.0843
23	10.037	4305		0.18	0.1774
24	10.421	1807		0.07	0.0745
25	10.497	1689		0.07	0.0696
26	10.759	17394		0.72	0.7167
27	11.206	9683		0.40	0.3990
28	11.550	2949		0.12	0.1215
29	11.641	3081		0.13	0.1270
30	11.907	12176		7.20	7.1997
31	12.038	4737		2.80	2.8008
32	12.155	3127		1.85	1.8488
33	12.784	15585		9.22	9.2150
34	13.194	6407		3.79	3.7885
35	13.516	707		0.42	0.4183
36	13.679	1627		0.96	0.9618
37	13.854	1757		1.04	1.0390
38	14.080	3829		2.26	2.2643
39	14.200	189988		112.34	112.3369
40	14.564	24760		14.64	14.6404
41	14.862	251176		148.52	148.5162
42	15.118	16810		9.84	9.8397
43	15.601	1743		1.03	1.0305
44	16.005	32804		19.40	19.3963
45	16.249	132996		78.64	78.6385
46	16.392	90871		53.73	53.7303
47	16.512	373479		220.83	220.8318
48	16.737	218407		129.14	129.1406
50	17.320	11872		7.02	7.0197
51	17.479	25525		13.22	13.2202
52	17.560	124994		64.74	64.7372
54	18.214	214374		111.03	111.0295
55	18.308	584031		302.48	302.4840
56	18.600	78020		40.41	40.4085
57	18.742	12031		6.23	6.2314
58	18.947	1102914		571.23	571.2256
59	19.116	45472		30.77	30.7691
60	19.256	692454		468.55	468.5517
61	19.434	378744		256.28	256.2788
62	19.694	13065		8.84	8.8406
63	19.796	135939		91.98	91.9838
64	20.122	34599		23.41	23.4114
66	20.465	381605		258.21	258.2146
67	20.640	200382		135.59	135.5892
68	20.847	145453		45.73	45.7285
	21.090	3825895	AR1260	462.03	462.0271
70	21.306	54483		17.13	17.1286
71	21.465	96350		30.29	30.2913
72	22.076	25198		7.92	7.9220
73	22.298	1050753		330.34	330.3434
74	22.424	293885		92.39	92.3936
75	22.493	310468		97.61	97.6071
76	22.860	51931		16.33	16.3265
77	23.130	43671		13.73	13.7296
78	23.255	71698		22.54	22.5411
79	23.669	160273		5.22	5.2201
80	24.243	430856		14.03	14.0331
81	24.636	6006		0.20	0.1956
82	24.707	650		0.02	0.0212
83	24.949	1052		0.03	0.0343
84	25.015	661		0.02	0.0215
85	25.095	338		0.01	0.0110
86	25.314	82519		2.69	2.6877
87	25.779	1089		0.04	0.0355
88	25.927	271		0.01	0.0088
89	26.158	1912		0.06	0.0623

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	26.563	972		0.03	0.0317
91	26.735	1080		0.04	0.0352
92	26.947	1104		0.04	0.0360
93	27.192	880		0.03	0.0287
94	27.430	2361		0.08	0.0769
95	28.658	33082		1.08	1.0775
96	29.041	682		0.02	0.0222
97	29.400	1250		0.04	0.0407
98	29.628	685		0.02	0.0223
99	29.830	1607		0.05	0.0523
100	30.044	5940		0.19	0.1935
101	30.598	1807		0.06	0.0588
102	30.845	617		0.02	0.0201
103	31.126	1972		0.06	0.0642
104	31.713	675		0.02	0.0220
		13287184		4415.60	4415.6030

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
69	21.090	1513750	AR1260-4	475.90	475.9039
49	17.046	760753	AR1260-1	449.82	449.8206
53	17.767	876395	AR1260-2	453.91	453.9061
65	20.229	674997	AR1260-3	456.74	456.7392
		3825895		1836.37	1836.3697

-1056-

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

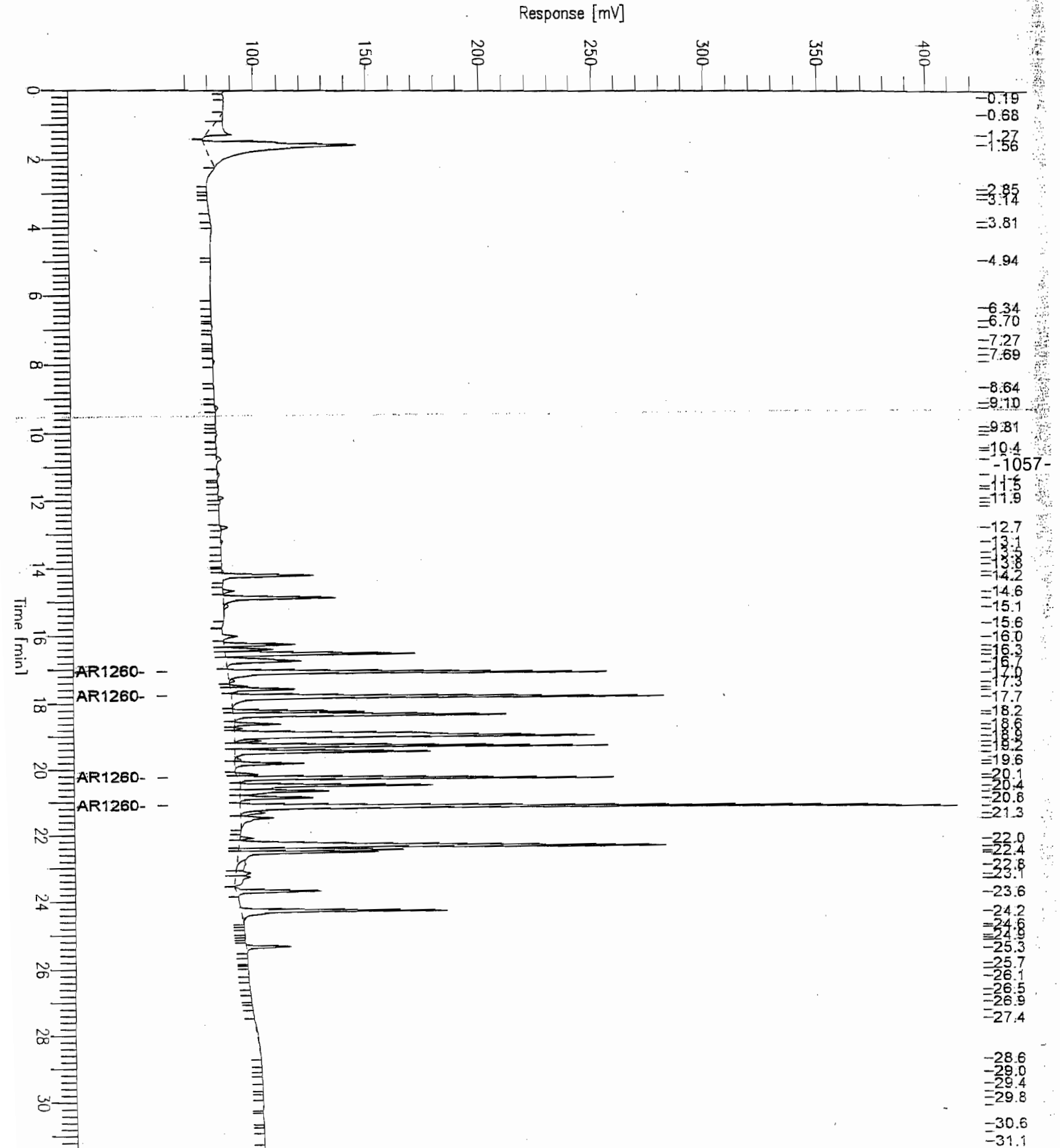
Report stored in ASCII file: C:\DATA65\I224049.TX0

Chromatogram - ECD#1

Sample Name : AR1260 500PPB
 FileName : C:\DATA65\I224049.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 61 mV

Sample #: 49
 Date : 3/1/05 11:51 AM
 Time of Injection: 2/25/05 09:42 PM
 Low Point : 60.56 mV
 Plot Scale: 363.1 mV
 High Point : 423.62 mV



Software Version: 4.1<2F12>
 Sample Name : AR1260 1000PPB Time : 3/1/05 11:51 AM
 Sample Number: 49 Study :
 Operator : manager
 Instrument : HP-SFC Channel : A A/D mV Range : 1000
 AutoSampler : HP7673A
 Rack/Vial : 0/49

Interface Serial # : NONE Data Acquisition Time: 2/25/05 09:42 PM
 Delay Time : 0.00 min.
 End Time : 32.00 min.
 Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224049.RAW
 Result File : C:\DATA65\H224049.rst
 Inst Method : PCB2CH from C:\DATA65\H224049.rst
 Proc Method : C:\DATA65\H1260228.mth
 Calib Method : C:\DATA65\H1260228.mth
 Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
 Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3 -1058-
 Multiplier : 1.0000 Divisor : 1.0000 Addend : 0.0000
 % Solids : SDG Name :
 Date Recieve : Client Name :
 DEC Sample N :

Instrument Conditions:
 HP-SFC

Total number of peaks detected: 99

PCB REPORT

=====
 HP-SFC CHANNEL H
 =====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.818	111300		12.50	12.5049
2	1.003	103783		11.66	11.6604
3	1.061	526001		59.10	59.0978
4	2.331	3724		0.42	0.4184
5	2.958	9934		1.12	1.1161
6	4.015	654		0.07	0.0735
7	6.201	1481		0.17	0.1664
8	6.849	187		0.02	0.0210

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

9	7.837	441		0.05	0.0495
10	8.104	832		0.09	0.0935
11	8.416	4810		0.54	0.5404
12	8.907	492		0.06	0.0553
13	9.377	572		0.06	0.0643
14	9.751	5363		0.60	0.6026
15	9.854	4937		0.55	0.5546
16	10.089	926		0.10	0.1040
17	10.394	2734		0.31	0.3071
18	10.510	2437		0.27	0.2738
19	10.804	2063		0.23	0.2318
20	11.161	711		0.08	0.0799
21	11.322	1104		0.12	0.1241
22	11.411	2191		0.25	0.2462
23	11.720	6794		0.76	0.7633
24	11.811	8376		0.94	0.9411
25	11.900	6463		0.73	0.7261
26	12.320	3721		0.42	0.4180
27	12.616	8123		10.73	10.7265
28	12.828	12300		16.24	16.2423
29	12.997	5368		7.09	7.0886
30	13.152	1829		2.42	2.4151
31	13.509	4410		5.82	5.8237
32	13.667	1907		2.52	2.5178
33	13.840	1964		2.59	2.5936
34	14.144	613		0.81	0.8091
35	15.091	174601		230.56	230.5587
36	15.383	10519		13.89	13.8902
37	15.575	825		1.09	1.0900
38	15.806	28841		38.08	38.0844
39	16.027	227361		300.23	300.2279
40	16.708	3951		5.22	5.2172
41	17.096	153309		202.44	202.4435
42	17.389	83831		110.70	110.6984
43	17.701	466794		616.40	616.3974
44	17.881	81019		106.98	106.9845
46	18.481	29409		38.83	38.8345
47	18.596	45454		60.02	60.0215
48	18.894	116831		102.82	102.8216
50	19.385	198841		175.00	174.9972
51	19.550	208908		183.86	183.8572
52	19.980	68429		88.47	88.4687
53	20.148	1013873		1310.79	1310.7946
55	20.744	359261		464.47	464.4746
56	21.155	138639		179.24	179.2406
57	21.301	667606		863.12	863.1207
58	21.503	55528		71.79	71.7900
59	21.647	349528		192.42	192.4207
60	21.807	218911		120.51	120.5139
61	22.080	9160		5.04	5.0426
62	22.252	170956		94.11	94.1138
	22.523	4353583	AR1260	971.02	971.0220
64	22.750	35035		19.29	19.2872
65	23.531	575637		316.90	316.8970
66	23.596	597819		329.11	329.1085
67	23.856	520437		286.51	286.5088
68	24.436	175		0.10	0.0966
69	24.615	11603		6.39	6.3876
70	24.945	200744		110.51	110.5128
71	25.287	174		0.01	0.0103
72	25.465	376		0.02	0.0223
73	25.734	420830		24.97	24.9732
74	25.971	38248		2.27	2.2697
75	26.832	77935		4.62	4.6249
76	27.086	705		0.04	0.0418
77	27.467	1066		0.06	0.0632
78	27.608	451		0.03	0.0268
79	27.782	1038		0.06	0.0616
80	27.786	0	Decachlorobiphenyl	0.00	0.0000
80	27.895	135		0.01	0.0080
81	28.034	434		0.03	0.0258
82	28.166	460		0.03	0.0273
83	28.313	1051		0.06	0.0624
84	28.447	627		0.04	0.0372
85	28.588	355		0.02	0.0211
86	28.732	805		0.05	0.0478
87	29.009	708		0.04	0.0420
88	29.152	286		0.02	0.0170
89	29.278	336		0.02	0.0199

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	29.470	354		0.02	0.0210
91	29.566	388		0.02	0.0230
92	29.947	353		0.02	0.0210
93	30.333	755		0.04	0.0448
94	30.645	651		0.04	0.0386
95	31.247	220		0.01	0.0130
96	31.445	283		0.02	0.0168
97	31.589	250		0.01	0.0148
98	31.693	150		0.01	0.0089
99	31.880	193		0.01	0.0114
		12575580		7787.99	7787.9911

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
63	22.523	1793996	AR1260-4	987.62	987.6231
45	18.067	738460	AR1260-1	975.13	975.1290
49	19.143	1079349	AR1260-2	949.92	949.9185
54	20.537	741778	AR1260-3	959.02	959.0153
		4353583		3871.69	3871.6859

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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-1060-

Report stored in ASCII file: C:\DATA65\H224049.TX0

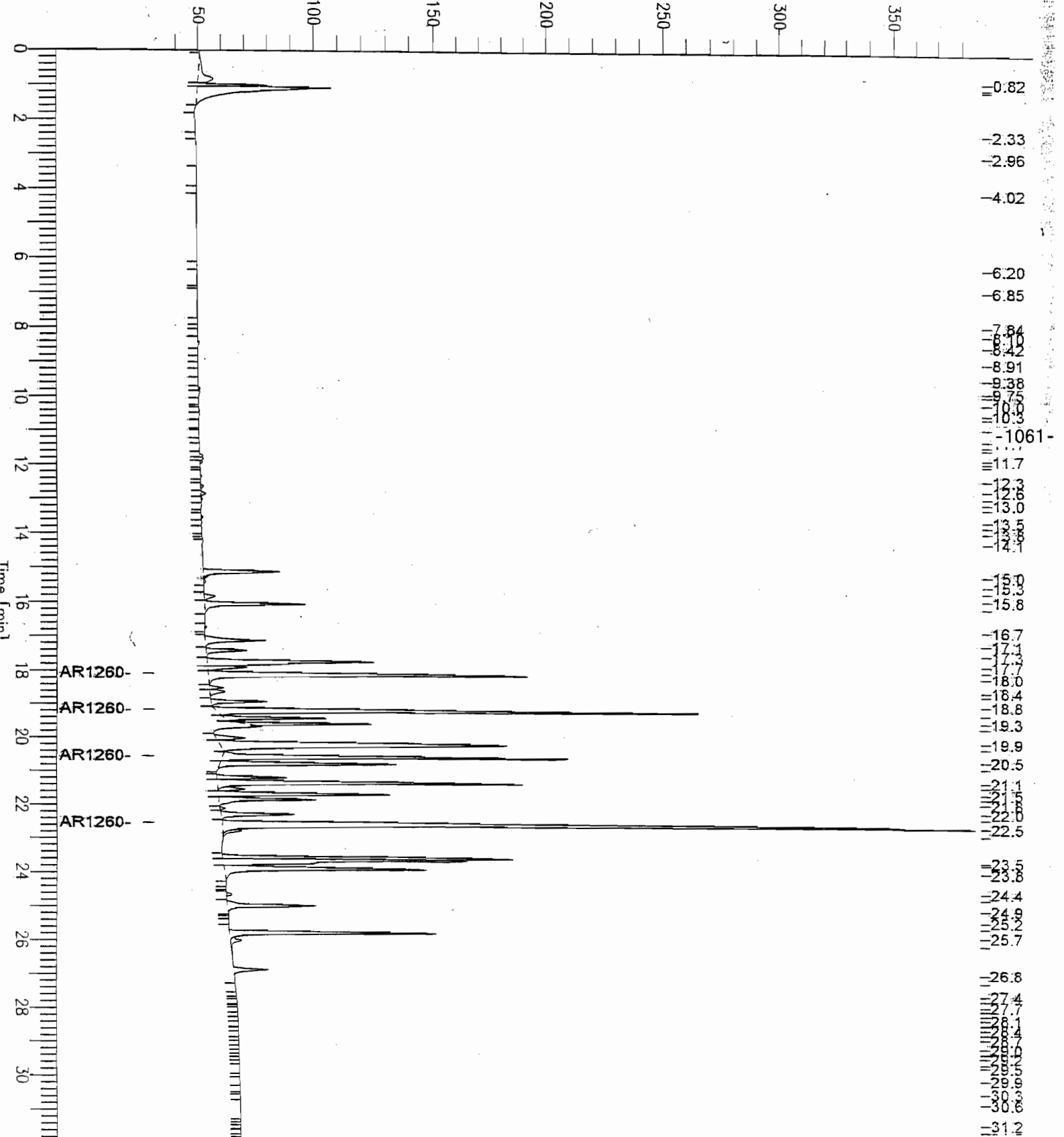
Chromatogram - ECD#1

Sample Name : AR1260 1000PPB
File Name : C:\DATA65\H224049.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 31 mV

Sample #: 49
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 09:42 PM
Low Point : 31.46 mV
Plot Scale: 356.9 mV
Page 1 of 1
High Point : 388.32 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : AR1260 1000PPB

Time : 3/1/05 11:51 AM

Sample Number: 50

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/49

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:18 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224050.RAW

Result File : C:\DATA65\I224050.rst

Inst Method : PCB2CH from C:\DATA65\I224050.rst

Proc Method : C:\DATA65\I1260228.mth

Calib Method : C:\DATA65\I1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1062-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 99

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.195	1948		0.08	0.0803
2	0.672	11083		0.46	0.4567
3	1.274	131246		5.41	5.4081
4	1.556	997203		41.09	41.0904
5	2.838	506		0.02	0.0208
6	3.100	561		0.02	0.0231
7	4.095	16203		0.67	0.6676
8	4.157	2353		0.10	0.0970

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
10	6.699	672		0.03	0.0277
11	6.889	2791		0.11	0.1150
12	7.244	1968		0.08	0.0811
13	7.696	1655		0.07	0.0682
14	7.893	9060		0.37	0.3733
15	8.358	201		0.01	0.0083
16	8.486	1091		0.04	0.0450
17	8.655	1201		0.05	0.0495
18	9.252	17195		0.71	0.7085
19	9.802	292		0.01	0.0120
20	9.926	3813		0.16	0.1571
21	10.034	8654		0.36	0.3566
22	10.418	793		0.03	0.0327
23	10.762	33600		1.38	1.3845
24	11.209	18829		0.78	0.7759
25	11.549	6397		0.26	0.2636
26	11.644	4326		0.18	0.1782
27	11.909	25037		14.80	14.8040
28	12.040	10942		6.47	6.4701
29	12.159	8072		4.77	4.7730
30	12.787	28313		16.74	16.7409
31	12.921	9141		5.40	5.4049
32	13.197	11665		6.90	6.8974
33	13.500	1123		0.66	0.6638
34	13.688	2819		1.67	1.6668
35	13.858	4750		2.81	2.8085
36	14.084	8212		4.86	4.8553
37	14.202	366993		217.00	216.9969
38	14.668	52082		30.80	30.7952
39	14.865	478722		283.06	283.0605
40	15.120	23062		13.64	13.6360
41	15.608	1941		1.15	1.1476
42	15.805	4350		2.57	2.5719
43	16.007	57797		34.17	34.1745
44	16.253	251059		148.45	148.4472
45	16.396	180104		106.49	106.4925
46	16.515	708665		419.02	419.0215
47	16.739	420353		248.55	248.5476
49	17.324	25366		15.00	14.9985
50	17.483	56309		29.16	29.1638
51	17.565	254257		131.69	131.6860
53	18.218	426599		220.95	220.9461
54	18.312	1120261		580.21	580.2101
55	18.605	153645		79.58	79.5765
56	18.747	26831		13.90	13.8963
57	18.951	2137143		1106.88	1106.8779
58	19.121	89347		60.46	60.4572
59	19.260	1299581		879.37	879.3670
60	19.439	736199		498.15	498.1519
61	19.697	17881		12.10	12.0989
62	19.801	271989		184.04	184.0422
63	20.127	78020		52.79	52.7928
65	20.470	783559		530.20	530.1982
66	20.645	445378		301.37	301.3669
67	20.851	336837		105.90	105.8972
69	21.094	7307940	AR1260	882.53	882.5298
70	21.312	130598		41.06	41.0584
71	21.469	284443		89.43	89.4253
72	22.080	77317		24.31	24.3073
73	22.302	2072717		651.64	651.6359
74	22.429	582909		183.26	183.2593
75	22.497	610373		191.89	191.8934
76	22.865	77540		24.38	24.3775
77	23.135	70723		22.23	22.2344
78	23.260	93544		29.41	29.4090
79	23.674	341026		11.11	11.1073
80	24.095	9871		0.32	0.3215
81	24.247	860604		28.03	28.0301
82	24.631	6629		0.22	0.2159
83	24.704	1401		0.05	0.0456
84	24.929	157		0.01	0.0051
85	25.104	285		0.01	0.0093
86	25.320	167268		5.45	5.4480
87	25.765	1726		0.06	0.0562
88	25.969	1070		0.03	0.0348
89	26.165	0	Decachlorobiphenyl	0.00	0.0000
90	26.168	2342		0.08	0.0763

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
90	27.037	3944		0.13	0.1285
91	27.452	2938		0.10	0.0957
92	28.798	60918		1.98	1.9841
93	29.180	4777		0.16	0.1556
94	29.346	539		0.02	0.0175
95	29.638	1468		0.05	0.0478
96	30.000	1310		0.04	0.0427
97	30.617	1970		0.06	0.0642
98	31.711	426		0.01	0.0139
99	31.935	339		0.01	0.0110
		24969343		8612.30	8612.3015

Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
68	21.094	2930406	AR1260-4	921.28	921.2825
48	17.050	1414881	AR1260-1	836.60	836.5953
52	17.770	1631920	AR1260-2	845.21	845.2108
64	20.233	1330733	AR1260-3	900.45	900.4458
		7307940		3503.53	3503.5344

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

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Report stored in ASCII file: C:\DATA65\I224050.TX0

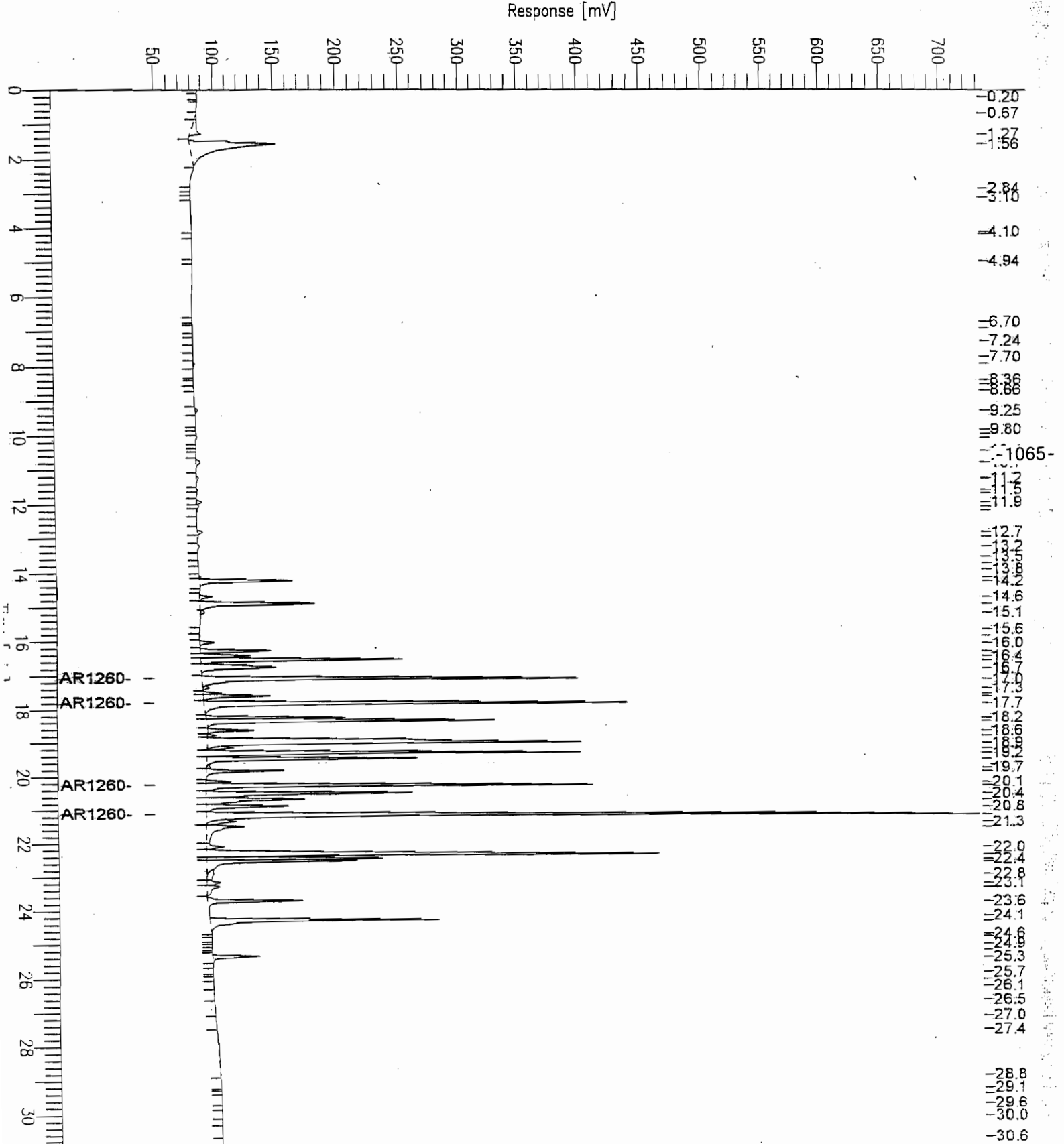
Chromatogram - ECD#1

Sample Name : AR1260 1000PPB
FileName : C:\DATA65\I224050.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset: 47 mV

Sample #: 50
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 10:18 PM
Low Point : 46.73 mV
Plot Scale: 685.2 mV
High Point : 731.89 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:51 AM

Sample Number: 50

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Back/Vial : 0/50

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:18 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224050.RAW

Result File : C:\DATA65\H224050.rst

Inst Method : PCB2CH from C:\DATA65\H224050.rst

Proc Method : C:\DATA65\H1260228.mth

Calib Method : C:\DATA65\H1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

SEC Sample N :

Instrument Conditions:

IP-SFC

Total number of peaks detected: 46

-1066-

PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.755	118118		13.27	13.2710
2	1.003	71238		8.00	8.0038
3	1.059	502140		56.42	56.4169
4	2.954	1765		0.20	0.1983
5	4.013	400		0.04	0.0449
6	4.813	569		0.06	0.0639
7	6.195	330		0.04	0.0371
8	7.138	0	Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	10.810	942		0.11	0.1059
10	11.097	838		0.09	0.0941
11	11.467	1127		0.13	0.1267
12	12.620	1019		1.35	1.3455
13	14.890	725		0.96	0.9578
14	15.052	1101		1.45	1.4538
15	15.887	2356		3.11	3.1115
16	18.390	4902		6.47	6.4728
17	18.606	17454		15.36	15.3609
18	18.947	5117		4.50	4.5036
19	19.417	489		0.43	0.4300
20	19.783	645		0.57	0.5675
21	22.268	20376		11.22	11.2171
	22.500	5188	AR1260	1.16	1.1572
23	23.963	3181		1.75	1.7511
24	27.439	20536		1.22	1.2186
25	27.674	3361		0.20	0.1994
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
26	27.848	1210		0.07	0.0718
27	27.995	667		0.04	0.0396
28	28.196	460		0.03	0.0273
29	28.303	163		0.01	0.0097
30	28.547	477		0.03	0.0283
31	28.659	800		0.05	0.0475
32	28.865	936		0.06	0.0555
33	29.005	206		0.01	0.0122
34	29.115	219		0.01	0.0130
35	29.215	660		0.04	0.0392
36	29.289	276		0.02	0.0164
37	29.558	216		0.01	0.0128
38	29.913	757		0.04	0.0449
39	30.045	951		0.06	0.0564
40	30.124	1105		0.07	0.0656
41	30.332	1075		0.06	0.0638
42	30.503	396		0.02	0.0235
43	30.608	102		0.01	0.0061
44	31.275	683		0.04	0.0405
45	31.481	793		0.05	0.0471
46	31.663	498		0.03	0.0295
		798461		129.07	129.0728

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Group Report For : AR1260

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
22	22.500	5188	AR1260-4	2.86	2.8561
0	18.069	0	AR1260-1	0.00	0.0000
0	19.144	0	AR1260-2	0.00	0.0000
0	20.538	0	AR1260-3	0.00	0.0000
		5188		2.86	2.8561

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\H224050.TX0

Chromatogram - ECD#1

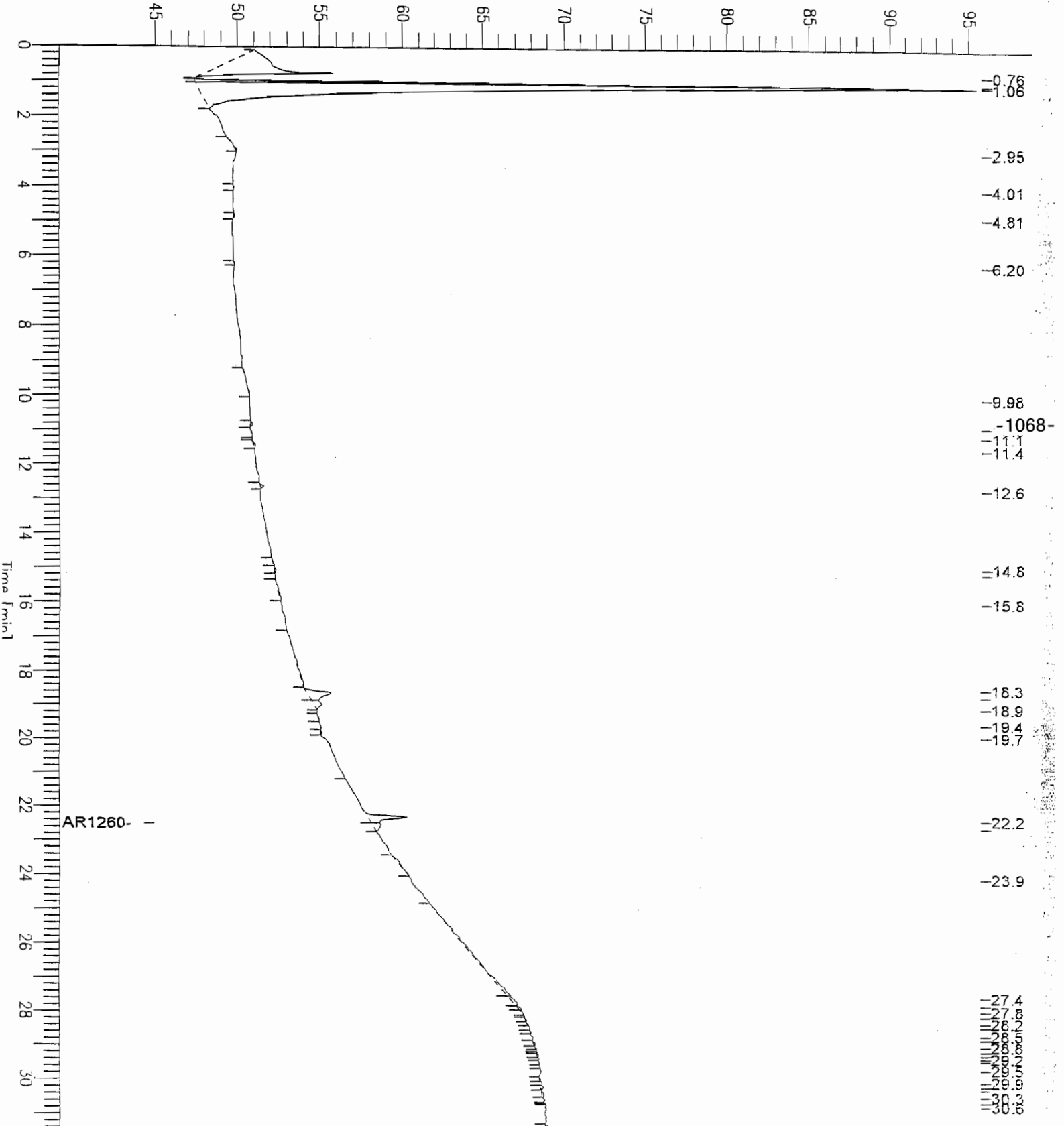
Sample Name : HEXANE
FileName : C:\DATA65\H224050.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 45 mV

Sample #: 50
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 10:18 PM
Low Point : 44.96 mV
High Point : 95.81 mV
Plot Scale: 50.9 mV

Page 1 of 1

Response [mV]



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:51 AM

Sample Number: 51

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/50

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:54 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224051.RAW

Result File : C:\DATA65\I224051.rst

Inst Method : PCB2CH from C:\DATA65\I224051.rst

Proc Method : C:\DATA65\I1260228.mth

Calib Method : C:\DATA65\I1260228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1069-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 79

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.143	1789		0.07	0.0737
2	0.644	68370		2.82	2.8172
3	1.273	226331		9.33	9.3261
4	1.487	100417		4.14	4.1377
5	1.547	846320		34.87	34.8732
6	2.250	6722		0.28	0.2770
7	2.739	545		0.02	0.0225
8	2.850	496		0.02	0.0204

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.946	191		0.01	0.0079
11	5.091	268		0.01	0.0110
0	6.255		0 Tetrachloro-m-xylene	0.00	0.0000
12	6.292	1117		0.05	0.0460
13	6.872	943		0.04	0.0389
14	7.646	558		0.02	0.0230
15	8.651	309		0.01	0.0127
16	8.822	155		0.01	0.0064
17	9.042	161		0.01	0.0066
18	9.542	1584		0.07	0.0653
19	10.068	622		0.03	0.0256
20	10.503	1015		0.04	0.0418
21	10.740	106		0.00	0.0044
22	11.250	1270		0.05	0.0523
23	11.419	161		0.01	0.0066
24	12.512	2700		1.60	1.5965
25	12.786	2326		1.38	1.3752
26	13.048	167		0.10	0.0990
27	13.573	1387		0.82	0.8202
28	13.794	759		0.45	0.4488
29	13.960	425		0.25	0.2514
30	14.107	123		0.07	0.0727
31	14.503	782		0.46	0.4622
32	14.701	728		0.43	0.4303
33	15.152	359		0.21	0.2122
34	16.029	20675		12.23	12.2250
35	16.212	4092		2.42	2.4193
37	17.286	699		0.41	0.4133
38	17.640	5020		2.60	2.6000
39	18.405	17575		9.10	9.1026
40	18.600	7212		3.74	3.7353
41	19.090	6205		4.20	4.1986
42	19.484	5091		3.44	3.4445
43	19.711	4995		3.38	3.3801
44	19.946	266		0.18	0.1799
45	20.177	819		0.55	0.5543
46	20.476	812		0.55	0.5492
47	20.945	1681		0.53	0.5284
	21.076	20991	AR1260	2.53	2.5349
49	21.554	26232		8.25	8.2472
50	21.855	299		0.09	0.0939
51	22.016	246		0.08	0.0775
52	22.316	1851		0.58	0.5821
53	22.467	777		0.24	0.2442
54	22.544	2468		0.78	0.7758
55	22.627	3683		1.16	1.1578
56	22.698	3808		1.20	1.1971
57	22.864	14793		4.65	4.6506
58	23.007	16728		5.26	5.2592
59	23.164	24861		7.82	7.8161
60	23.247	11388		3.58	3.5803
61	23.331	19072		6.00	5.9959
62	23.396	27858		8.76	8.7582
63	24.249	17659		0.58	0.5752
64	24.327	201		0.01	0.0066
65	24.476	719		0.02	0.0234
66	24.549	367		0.01	0.0120
67	25.035	5843		0.19	0.1903
68	25.096	494		0.02	0.0161
69	25.711	3626		0.12	0.1181
70	26.091	1580		0.05	0.0515
0	26.165		0 Decachlorobiphenyl	0.00	0.0000
71	26.561	2325		0.08	0.0757
72	26.960	3065		0.10	0.0998
73	27.031	473		0.02	0.0154
74	27.195	379		0.01	0.0124
75	27.421	549		0.02	0.0179
76	29.111	82702		2.69	2.6936
77	29.745	6347		0.21	0.2067
78	30.642	2002		0.07	0.0652
79	31.328	146		0.00	0.0048

-1070-

1665570

156.88

156.8798

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
48	21.076	2877	AR1260-4	0.90	0.9045
36	17.061	18114	AR1260-1	10.71	10.7104
0	17.770	0	AR1260-2	0.00	0.0000
0	20.232	0	AR1260-3	0.00	0.0000
		20991		11.61	11.6149

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\I224051.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

FileName : C:\DATA65\I224051.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 71 mV

Sample #: 51

Date : 3/1/05 11:51 AM

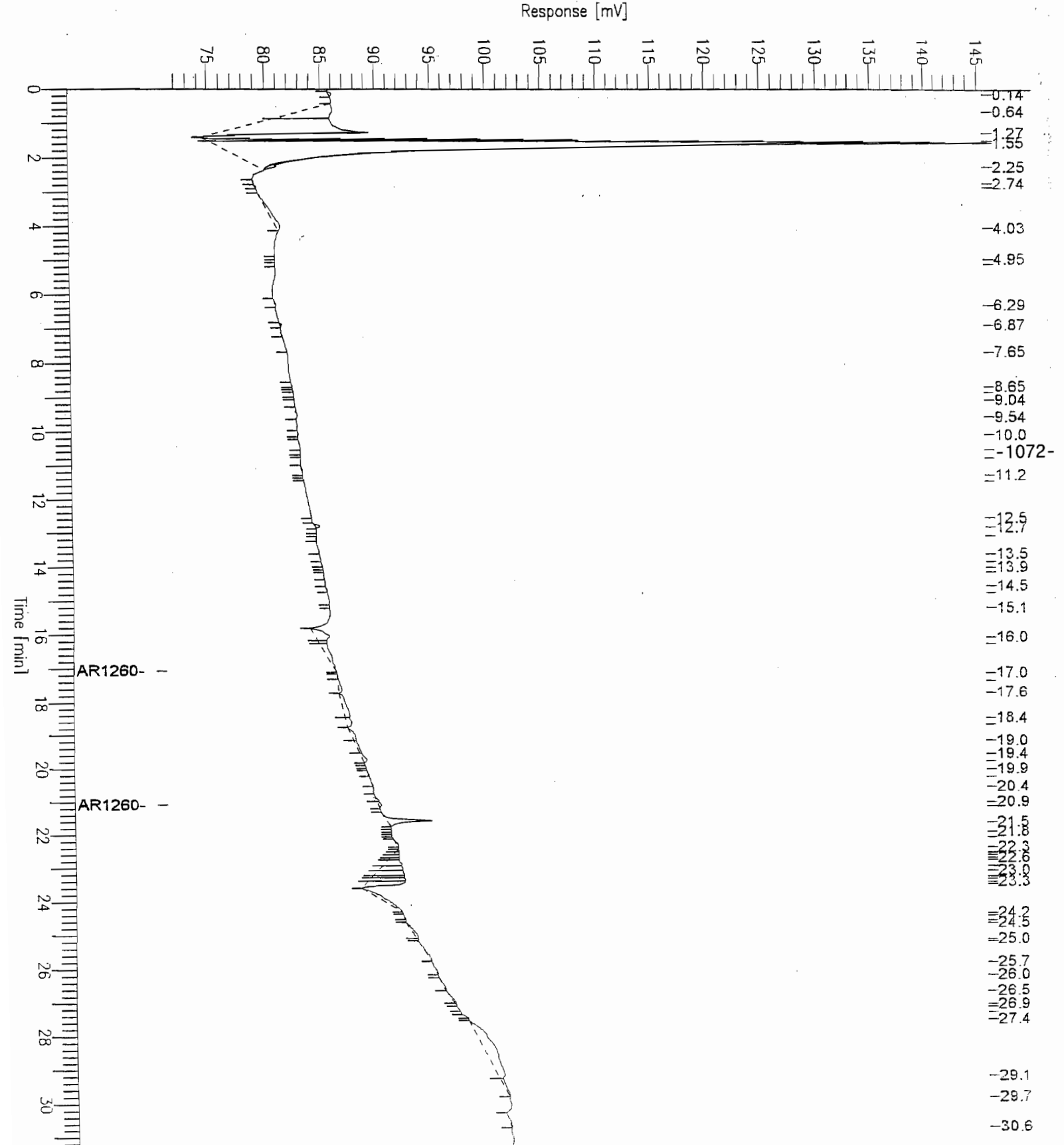
Time of Injection: 2/25/05 10:54 PM

Low Point : 71.01 mV

Plot Scale: 74.5 mV

Page 1 of 1

High Point : 145.55 mV



Software Version: 4.1<2F12>

Sample Name : PIBLK'5PPB

Time : 3/1/05 11:51 AM

Sample Number: 51

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/51

Interface Serial # : NONE Data Acquisition Time: 2/25/05 10:54 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224051.RAW

Result File : C:\DATA65\H224051.rst

Inst Method : PCB2CH from C:\DATA65\H224051.rst

Proc Method : C:\DATA65\HSURR228.mth

Calib Method : C:\DATA65\HSURR228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1073-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 48

PCB REPORT

=====
IP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.810	458966		51.57	51.5662
2	1.004	77082		8.66	8.6604
3	1.064	296427		33.30	33.3045
4	2.931	13149		1.48	1.4773
5	3.672	2050		0.23	0.2303
6	4.011	312		0.04	0.0350
7	5.610	247		0.03	0.0277
8	6.201	1209		0.14	0.1359

Peak #	Time [min]	Area [$\mu\text{V}\cdot\text{sec}$]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	8.258	256		0.03	0.0288
11	8.840	903		0.10	0.1015
12	9.612	1383		0.16	0.1554
13	9.979	579		0.07	0.0650
14	10.806	2887		0.32	0.3243
15	11.112	1001		0.11	0.1125
16	11.413	1018		0.11	0.1143
17	11.787	557		0.06	0.0626
18	12.325	532		0.06	0.0598
19	12.616	8566		0.96	0.9624
20	14.897	739		0.08	0.0830
21	15.052	979		0.11	0.1100
22	15.587	1359		0.15	0.1526
23	15.894	1722		0.19	0.1935
24	16.126	783		0.09	0.0880
25	18.346	5772		0.34	0.3425
26	18.813	20700		1.23	1.2284
27	19.621	3924		0.23	0.2328
28	19.794	726		0.04	0.0431
29	20.086	2870		0.17	0.1703
30	21.267	3042		0.18	0.1805
31	22.267	35466		2.10	2.1047
32	22.874	542		0.03	0.0321
33	23.931	8753		0.52	0.5194
34	24.126	635		0.04	0.0377
35	27.785	85323	Decachlorobiphenyl	5.06	5.0633
36	28.122	695		0.04	0.0413
37	28.358	886		0.05	0.0526
38	28.478	463		0.03	0.0275
39	28.752	753		0.04	0.0447
40	29.485	356		0.02	0.0212
41	29.593	374		0.02	0.0222
42	29.768	999		0.06	0.0593
43	29.942	568		0.03	0.0337
44	30.324	483		0.03	0.0287
45	30.711	326		0.02	0.0194
46	31.300	443		0.03	0.0263
47	31.509	1100		0.07	0.0653
48	31.718	402		0.02	0.0238
		1088652		113.00	113.0046

-1074-

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224051.TX0

Chromatogram - ECD#1

Sample Name : PIBLK 5PPB

FileName : C:\DATA65\H224051.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 46 mV

Sample #: 51

Date : 3/1/05 11:51 AM

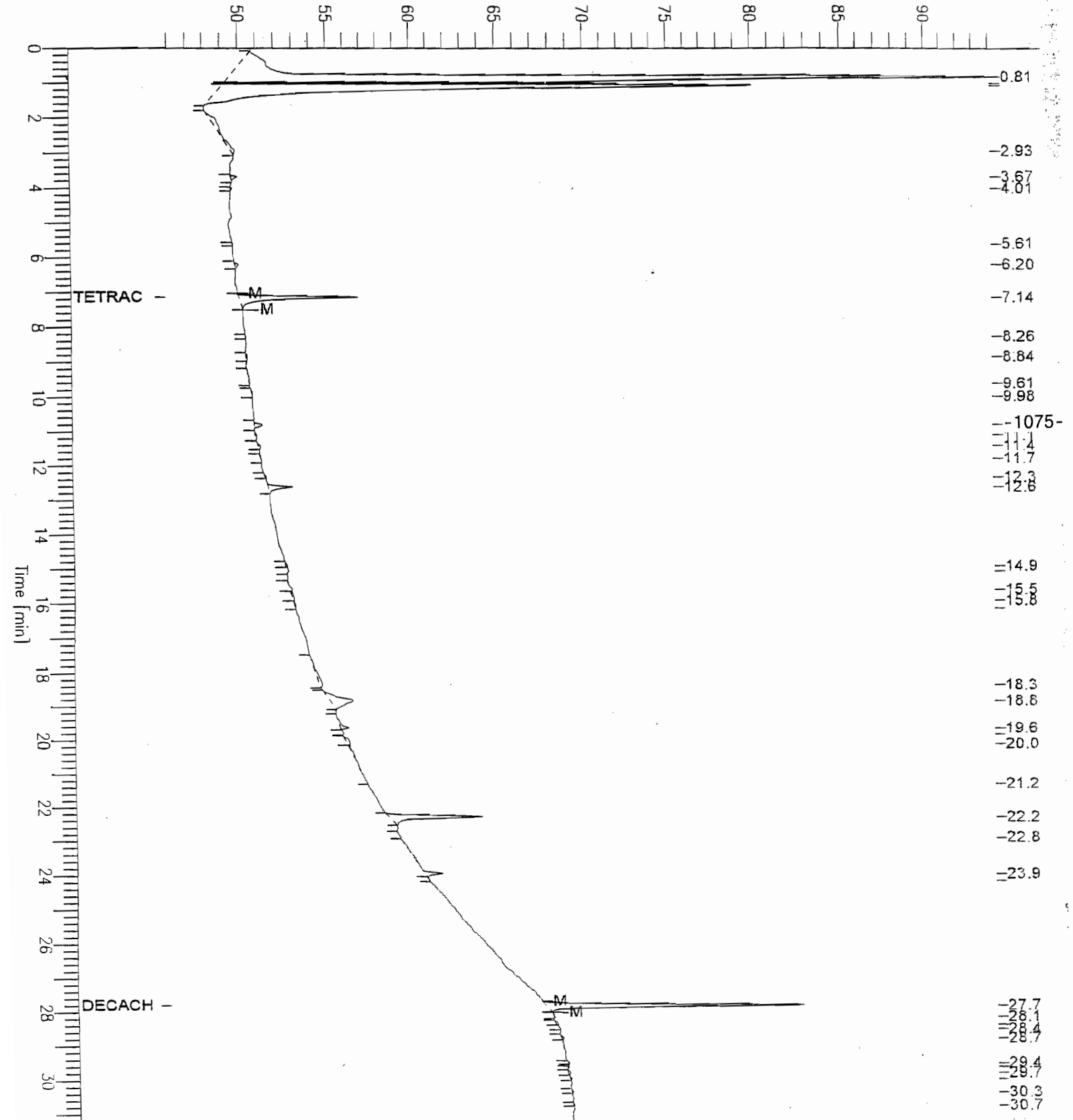
Time of Injection: 2/25/05 10:54 PM

Low Point : 45.85 mV

Plot Scale: 48.3 mV

Page 1 of 1

Response [mV]



Software Version: 4.1<2F12>

Sample Name : PIBLK 5PPB

Time : 3/1/05 11:51 AM

Sample Number: 52

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/51

Interface Serial # : NONE Data Acquisition Time: 2/25/05 11:30 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224052.RAW

Result File : C:\DATA65\I224052.rst

Inst Method : PCB2CH from C:\DATA65\I224052.rst

Proc Method : C:\DATA65\ISURR228.mth

Calib Method : C:\DATA65\ISURR228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 80

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.106	1760		0.07	0.0725
2	0.492	251		0.01	0.0104
3	1.339	489786		20.18	20.1820
4	1.485	145962		6.01	6.0145
5	1.548	657911		27.11	27.1096
6	3.097	451		0.02	0.0186
7	3.188	496		0.02	0.0204
8	3.621	6524		0.27	0.2688

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.967	1099		0.05	0.0453
11	4.169	296		0.01	0.0122
12	4.935	167		0.01	0.0069
13	5.081	1130		0.05	0.0466
14	5.499	582		0.02	0.0240
15	5.927	204		0.01	0.0084
16	6.255	110145	Tetrachloro-m-xylene	4.54	4.5386
17	6.879	2543		0.10	0.1048
18	7.200	250		0.01	0.0103
19	7.501	848		0.03	0.0349
20	7.637	1219		0.05	0.0502
21	8.107	926		0.04	0.0382
22	8.597	405		0.02	0.0167
23	8.875	333		0.01	0.0137
24	9.488	7277		0.30	0.2998
25	9.897	2084		0.09	0.0859
26	10.063	2213		0.09	0.0912
27	10.203	1011		0.04	0.0417
28	10.574	134		0.01	0.0055
29	10.729	137		0.01	0.0056
30	11.122	4749		0.20	0.1957
31	11.681	881		0.04	0.0363
32	12.435	480		0.02	0.0198
33	12.784	13881		0.57	0.5720
34	13.045	142		0.01	0.0059
35	13.574	1033		0.04	0.0426
36	13.712	1359		0.06	0.0560
37	14.184	2026		0.08	0.0835
38	14.486	1848		0.08	0.0761
39	14.700	3556		0.15	0.1465
40	15.003	3591		0.15	0.1480
41	15.163	649		0.03	0.0267
42	16.024	23116		0.95	0.9525
43	16.754	29768		0.97	0.9695
44	17.367	14274		0.46	0.4649
45	17.490	1292		0.04	0.0421
46	17.895	5330		0.17	0.1736
47	18.637	9519		0.31	0.3100
48	19.707	10383		0.34	0.3382
49	20.333	694		0.02	0.0226
50	20.546	478		0.02	0.0156
51	20.874	641		0.02	0.0209
52	21.095	648		0.02	0.0211
53	21.552	58463		1.90	1.9041
54	21.855	224		0.01	0.0073
55	22.006	206		0.01	0.0067
56	22.168	557		0.02	0.0181
57	22.322	482		0.02	0.0157
58	22.540	1358		0.04	0.0442
59	22.701	1355		0.04	0.0441
60	22.870	9641		0.31	0.3140
61	23.169	405		0.01	0.0132
62	23.321	636		0.02	0.0207
63	24.552	80894		2.63	2.6347
64	24.947	30904		1.01	1.0066
65	25.095	10686		0.35	0.3481
66	25.324	13383		0.44	0.4359
67	25.468	6870		0.22	0.2238
68	25.558	3733		0.12	0.1216
69	26.015	8789		0.29	0.2863
70	26.165	167697	Decachlorobiphenyl	5.46	5.4619
71	26.715	531		0.02	0.0173
72	26.884	440		0.01	0.0143
73	26.968	203		0.01	0.0066
74	27.443	4530		0.15	0.1475
75	28.244	37154		1.21	1.2101
76	29.188	25928		0.84	0.8445
77	29.898	1150		0.04	0.0375
78	30.547	686		0.02	0.0224
79	30.958	325		0.01	0.0106
80	31.096	693		0.02	0.0226
		2037079		79.27	79.2679

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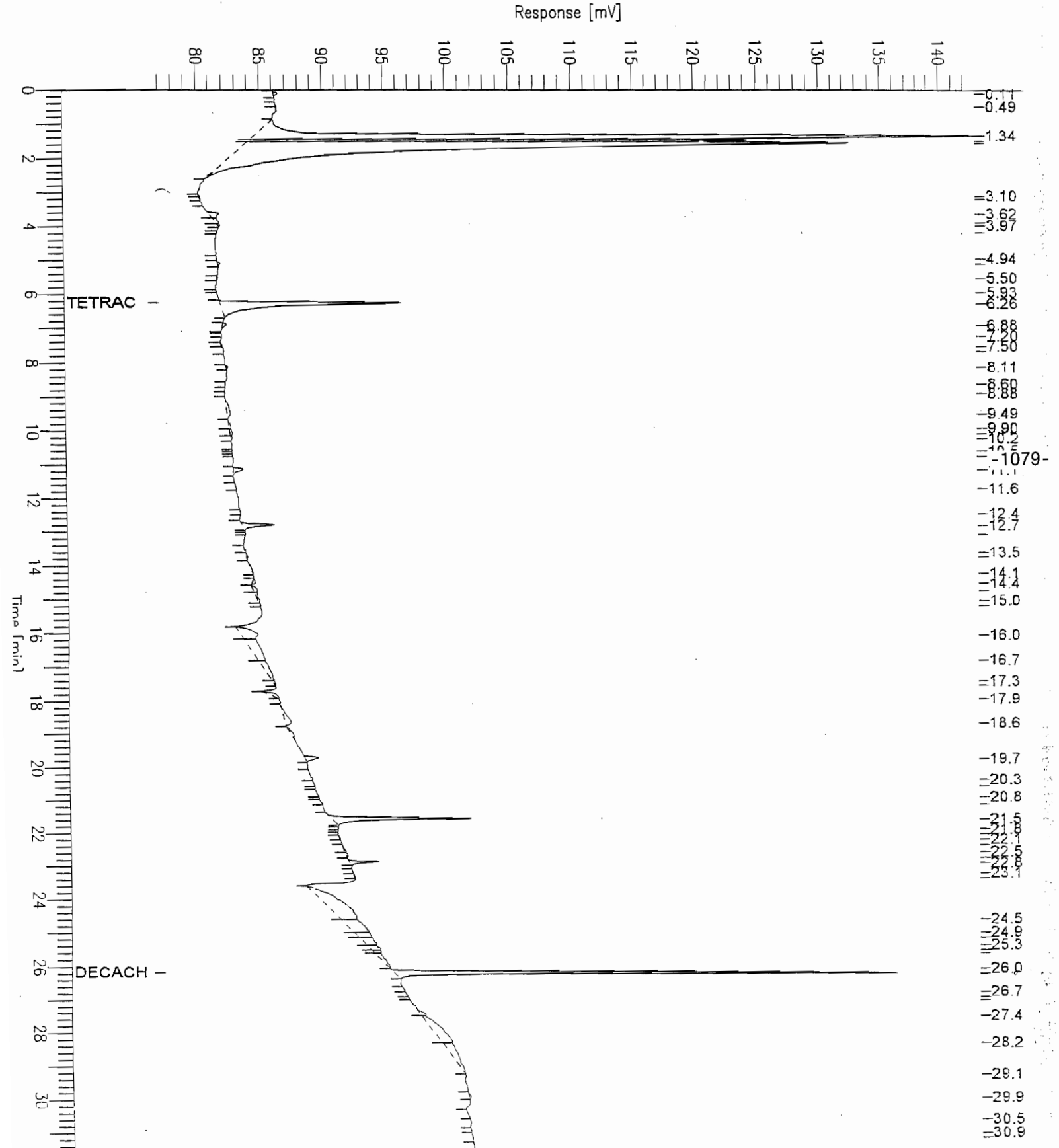
=====
Report stored in ASCII file: C:\DATA65\I224052.TX0

Chromatogram - ECD#1

Sample Name : PIBLK 5PPB
File Name : C:\DATA65\I224052.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 77 mV

Page 1 of 1
Date : 3/1/05 11:51 AM
Time of Injection : 2/25/05 11:30 PM
Low Point : 76.99 mV
High Point : 142.98 mV
Plot Scale : 66.0 mV



Software Version: 4.1<2F12>

Sample Name : PIBLK 20PPB

Time : 3/1/05 11:51 AM

Sample Number: 52

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/52

Interface Serial # : NONE Data Acquisition Time: 2/25/05 11:30 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224052.RAW

Result File : C:\DATA65\H224052.rst

Inst Method : PCB2CH from C:\DATA65\H224052.rst

Proc Method : C:\DATA65\HSURR228.mth

Calib Method : C:\DATA65\HSURR228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1080-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 55

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.818	154709		17.38	17.3820
2	2.265	7360		0.83	0.8269
3	2.890	4906		0.55	0.5512
4	3.669	348		0.04	0.0391
5	3.841	499		0.06	0.0561
6	4.009	269		0.03	0.0303
7	4.857	1644		0.18	0.1847
8	6.203	5936		0.67	0.6669
9	7.137	165911	Tetrachloro-m-xylene	18.64	18.6405

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	8.252	1384		0.16	0.1555
11	8.415	668		0.08	0.0750
12	8.822	1335		0.15	0.1499
13	9.371	637		0.07	0.0716
14	9.598	1796		0.20	0.2018
15	9.850	2719		0.31	0.3055
16	10.346	508		0.06	0.0570
17	10.801	2559		0.29	0.2875
18	11.124	2179		0.24	0.2448
19	11.410	2096		0.24	0.2355
20	11.720	488		0.05	0.0549
21	11.882	1966		0.22	0.2209
22	12.314	699		0.08	0.0785
23	12.612	29983		3.37	3.3686
24	13.925	238		0.03	0.0268
25	14.892	203		0.02	0.0228
26	15.058	365		0.04	0.0410
27	15.571	4143		0.47	0.4655
28	15.818	2137		0.24	0.2401
29	18.345	9971		0.59	0.5917
30	18.627	21651		1.28	1.2848
31	19.625	21766		1.29	1.2917
32	22.265	31373		1.86	1.8618
33	22.870	2111		0.13	0.1252
34	23.927	9084		0.54	0.5391
35	24.120	1098		0.07	0.0652
36	26.819	18952		1.12	1.1247
37	27.581	9450		0.56	0.5608
38	27.785	337463	Decachlorobiphenyl	20.03	20.0259
39	28.386	279		0.02	0.0165
40	28.558	502		0.03	0.0298
41	28.701	188		0.01	0.0112
42	28.847	700		0.04	0.0416
43	28.985	381		0.02	0.0226
44	29.120	211		0.01	0.0125
45	29.299	1197		0.07	0.0710
46	29.542	1621		0.10	0.0962
47	29.750	374		0.02	0.0222
48	29.821	184		0.01	0.0109
49	30.074	103		0.01	0.0061
50	30.348	553		0.03	0.0328
51	30.657	672		0.04	0.0399
52	30.819	405		0.02	0.0240
53	31.321	678		0.04	0.0402
54	31.460	336		0.02	0.0200
55	31.705	126		0.01	0.0075
		869116		72.66	72.6570

-1081-

=====
 NSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\H224052.TX0

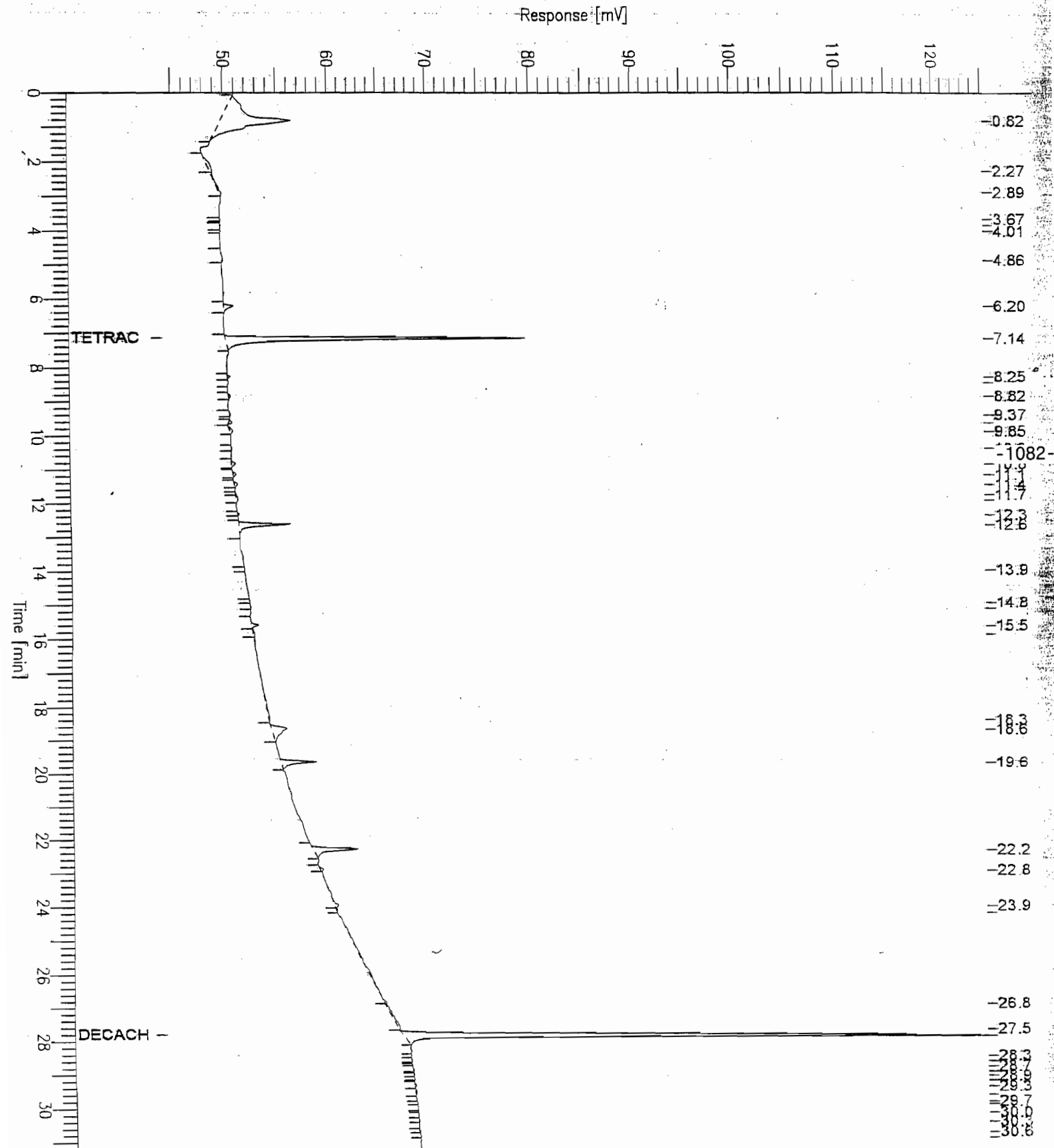
Chromatogram - ECD#1

Sample Name : PIBLK 20PPB
FileName : C:\DATA65\H224052.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor : 1.0

End Time : 32.00 min
Plot Offset : 44 mV

Sample #: 52
Date : 3/1/05 11:51 AM
Time of Injection: 2/25/05 11:30 PM
Low Point : 44.09 mV
High Point : 125.30 mV
Plot Scale: 81.2 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : PIBLK 20PPB

Time : 3/1/05 11:51 AM

Sample Number: 53

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/52

Interface Serial # : NONE Data Acquisition Time: 2/26/05 12:06 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224053.RAW

Result File : C:\DATA65\I224053.rst

Inst Method : PCB2CH from C:\DATA65\I224053.rst

Proc Method : C:\DATA65\ISURR228.mth

Calib Method : C:\DATA65\ISURR228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 90

PCB REPORT

=====
IP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.122	2195		0.09	0.0904
2	0.293	230		0.01	0.0095
3	0.602	2762		0.11	0.1138
4	1.273	116603		4.80	4.8047
5	1.551	23799		0.98	0.9806
6	2.229	40121		1.65	1.6532
7	2.845	570		0.02	0.0235
8	2.934	330		0.01	0.0136

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	3.636	6381		0.26	0.2629
11	3.972	6638		0.27	0.2735
12	4.947	202		0.01	0.0083
13	5.406	591		0.02	0.0243
14	5.506	813		0.03	0.0335
15	6.254	491615	Tetrachloro-m-xylene	20.26	20.2573
16	6.879	11210		0.46	0.4619
17	7.454	3436		0.14	0.1416
18	7.907	1759		0.07	0.0725
19	8.109	1116		0.05	0.0460
20	8.889	11388		0.47	0.4692
21	9.329	4176		0.17	0.1721
22	9.449	7869		0.32	0.3242
23	9.801	1183		0.05	0.0487
24	10.041	210		0.01	0.0087
25	10.190	1683		0.07	0.0694
26	10.577	5158		0.21	0.2125
27	10.762	4308		0.18	0.1775
28	11.034	345		0.01	0.0142
29	11.124	8430		0.35	0.3474
30	11.367	1186		0.05	0.0489
31	11.562	1423		0.06	0.0586
32	11.679	1941		0.08	0.0800
33	11.974	1136		0.05	0.0468
34	12.047	620		0.03	0.0255
35	12.508	125		0.01	0.0051
36	12.784	54331		2.24	2.2387
37	13.204	155		0.01	0.0064
38	13.483	1527		0.06	0.0629
39	13.672	200		0.01	0.0083
40	13.977	433		0.02	0.0178
41	14.319	2394		0.10	0.0987
42	15.031	2171		0.09	0.0895
43	15.380	850		0.04	0.0350
44	16.027	16880		0.70	0.6955
45	16.672	16885		0.55	0.5500
46	17.048	1299		0.04	0.0423
47	17.289	600		0.02	0.0195
48	17.501	219		0.01	0.0071
49	18.218	4925		0.16	0.1604
50	18.337	323		0.01	0.0105
51	18.674	3057		0.10	0.0996
52	19.328	6790		0.22	0.2211
53	19.705	44304		1.44	1.4430
54	20.177	235		0.01	0.0076
55	20.479	2043		0.07	0.0665
56	20.557	170		0.01	0.0055
57	20.728	1358		0.04	0.0442
58	20.919	955		0.03	0.0311
59	21.554	38267		1.25	1.2464
60	22.170	503		0.02	0.0164
61	22.314	263		0.01	0.0086
62	22.396	277		0.01	0.0090
63	22.557	1048		0.03	0.0341
64	22.702	705		0.02	0.0229
65	22.870	2483		0.08	0.0809
66	23.017	243		0.01	0.0079
67	23.097	161		0.01	0.0052
68	23.173	313		0.01	0.0102
69	23.266	426		0.01	0.0139
70	24.328	50847		1.66	1.6561
71	24.544	18760		0.61	0.6110
72	24.860	21672		0.71	0.7059
73	25.014	8708		0.28	0.2836
74	25.323	15792		0.51	0.5143
75	25.463	6456		0.21	0.2103
76	25.810	7872		0.26	0.2564
77	25.945	1050		0.03	0.0342
78	26.166	644411	Decachlorobiphenyl	20.99	20.9887
79	26.815	1140		0.04	0.0371
80	26.885	738		0.02	0.0240
81	26.964	675		0.02	0.0220
82	27.028	324		0.01	0.0106
83	27.264	1083		0.04	0.0353
84	27.450	2546		0.08	0.0829
85	29.189	72843		2.37	2.3725
86	29.711	1003		0.03	0.0327
87	29.906	553		0.02	0.0180

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
89	30.823	140		0.00	0.0045
90	31.403	953		0.03	0.0310
		1828630		66.82	66.8220

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I224053.TX0

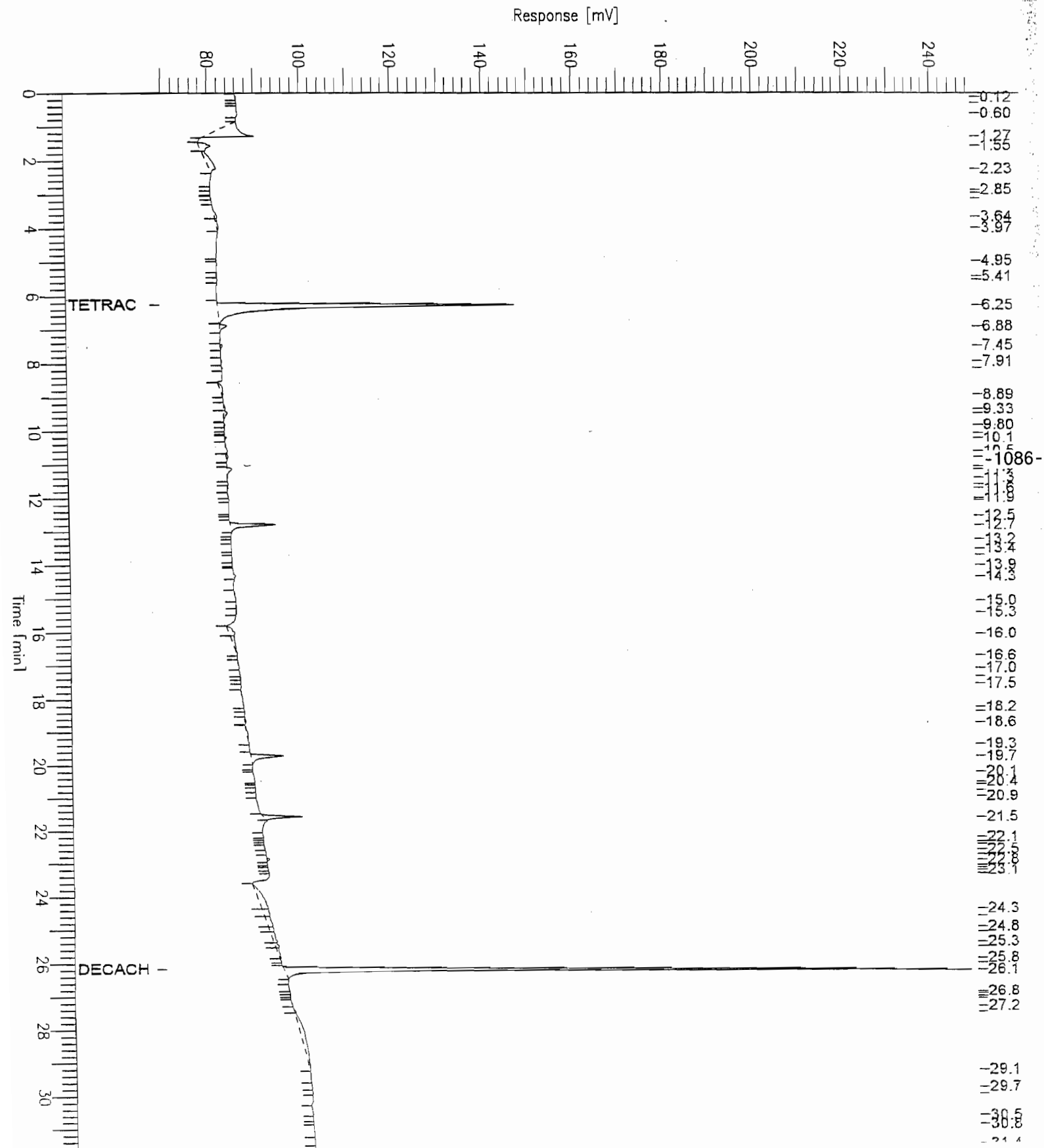
Chromatogram - ECD#1

Sample Name : PIBLK 20PPB
 FileName : C:\DATA65\I224053.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 69 mV

Sample #: 53
 Date : 3/1/05 11:51 AM
 Time of Injection: 2/26/05 12:06 AM
 Low Point : 69.46 mV
 High Point : 249.05 mV
 Plot Scale: 179.6 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : PIBLK 100PPB

Time : 3/1/05 11:51 AM

Sample Number: 53

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/53

Interface Serial # : NONE Data Acquisition Time: 2/26/05 12:06 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224053.RAW

Result File : C:\DATA65\H224053.rst

Inst Method : PCB2CH from C:\DATA65\H224053.rst

Proc Method : C:\DATA65\HSURR228.mth

Calib Method : C:\DATA65\HSURR228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 46

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.756	58806		6.61	6.6071
2	0.818	50143		5.63	5.6338
3	1.003	101508		11.40	11.4047
4	1.062	490173		55.07	55.0724
5	1.600	1735		0.19	0.1950
6	2.943	3152		0.35	0.3541
7	3.843	2982		0.34	0.3351
8	4.011	646		0.07	0.0726
9	4.254	1216		0.11	0.1122

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.820	508		0.06	0.0571
11	6.194	574		0.06	0.0645
12	7.140	1033673	Tetrachloro-m-xylene	116.14	116.1362
13	8.251	7287		0.82	0.8187
14	9.006	813		0.09	0.0914
15	11.083	4604		0.52	0.5172
16	11.451	1028		0.12	0.1155
17	12.619	394		0.04	0.0442
18	14.900	443		0.05	0.0497
19	15.047	345		0.04	0.0388
20	15.879	2337		0.26	0.2625
21	18.350	8043		0.48	0.4773
22	18.627	41077		2.44	2.4376
23	19.582	1222		0.07	0.0725
24	19.784	896		0.05	0.0532
25	21.721	8617		0.51	0.5113
26	22.268	7638		0.45	0.4532
27	23.942	2950		0.18	0.1751
28	24.623	2903		0.17	0.1723
29	24.928	3163		0.19	0.1877
30	26.835	5236		0.31	0.3107
31	27.066	1363		0.08	0.0809
32	27.579	2308		0.14	0.1369
33	27.787	1661609	Decachlorobiphenyl	98.60	98.6043
34	29.256	470		0.03	0.0279
35	29.587	624		0.04	0.0371
36	29.645	152		0.01	0.0090
37	29.764	858		0.05	0.0509
38	29.973	1039		0.06	0.0617
39	30.238	316		0.02	0.0187
40	30.657	912		0.05	0.0541
41	30.940	414		0.02	0.0245
42	31.358	2097		0.12	0.1244
43	31.495	1691		0.10	0.1003
44	31.665	251		0.01	0.0149
45	31.765	453		0.03	0.0269
46	31.944	541		0.03	0.0321
		3519210		302.26	302.2629

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=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\H224053.TX0

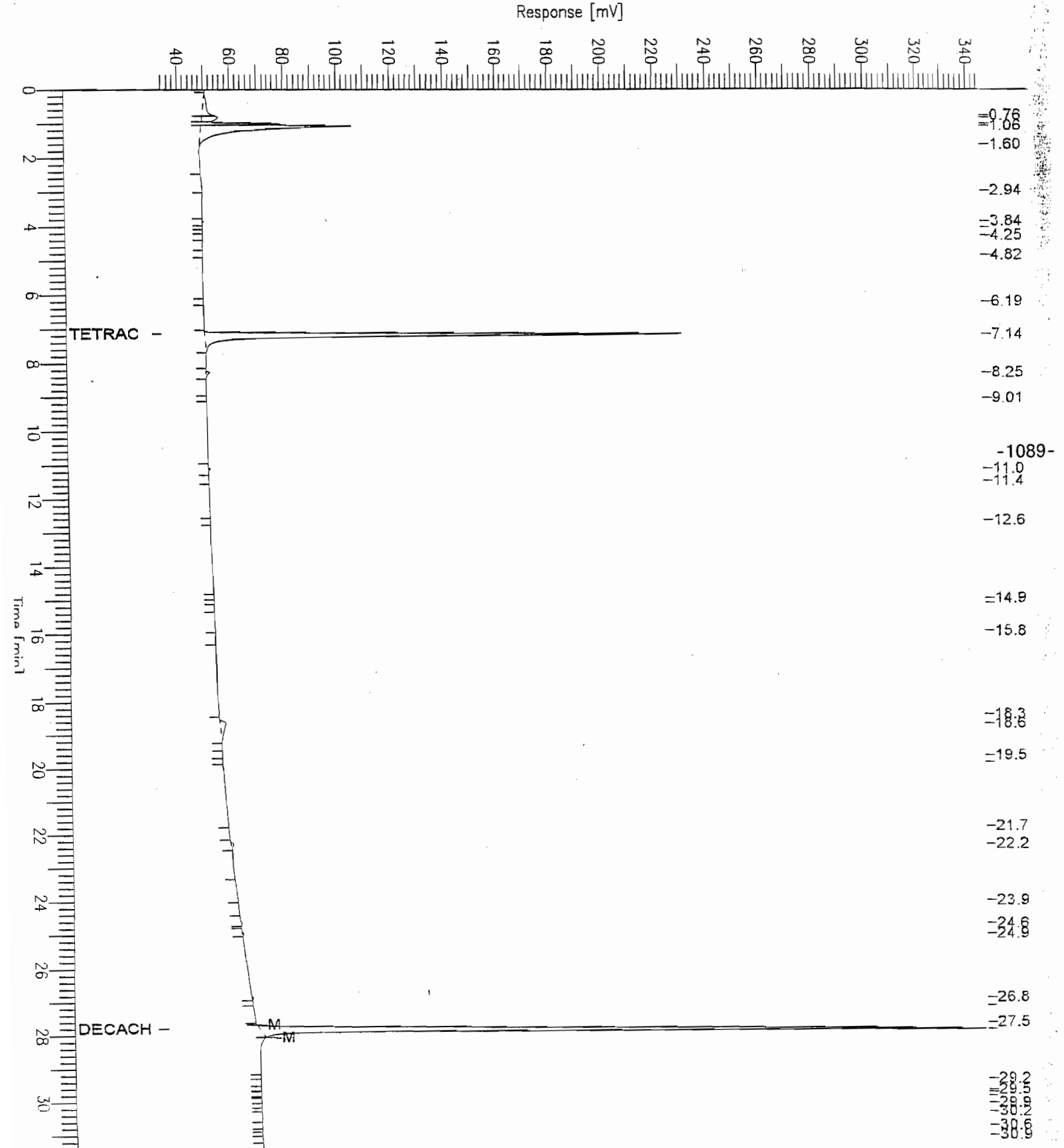
Chromatogram - ECD#1

Sample Name : PIBLK 100PPB
 FileName : C:\DATA65\H224053.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 34 mV

Sample #: 53
 Date : 3/1/05 11:51 AM
 Time of Injection: 2/26/05 12:06 AM
 Low Point : 33.64 mV
 Plot Scale: 311.7 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : PIBLK 100PPB

Time : 3/1/05 11:51 AM

Sample Number: 54

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/53

Interface Serial # : NONE Data Acquisition Time: 2/26/05 12:42 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224054.RAW

Result File : C:\DATA65\I224054.rst

Inst Method : PCB2CH from C:\DATA65\I224054.rst

Proc Method : C:\DATA65\ISURR228.mth

Calib Method : C:\DATA65\ISURR228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

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Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 84

PCB REPORT

HP-SFC CHANNEL I

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.093	2069		0.09	0.0852
2	0.441	290		0.01	0.0119
3	1.276	64627		2.66	2.6630
4	1.493	96581		3.98	3.9797
5	1.551	876257		36.11	36.1067
6	2.249	25963		1.07	1.0698
7	3.527	12210		0.50	0.5031
8	3.956	9437		0.39	0.3888
9	4.800	312		0.01	0.0119

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	5.094	227		0.01	0.0094
11	6.258	2619575	Tetrachloro-m-xylene	107.94	107.9413
12	7.458	22079		0.91	0.9098
13	7.923	2522		0.10	0.1039
14	8.367	130		0.01	0.0054
15	8.728	221		0.01	0.0091
16	9.117	373		0.02	0.0154
17	9.548	1168		0.05	0.0481
18	10.191	9479		0.39	0.3906
19	10.846	395		0.02	0.0163
20	11.040	186		0.01	0.0077
21	11.179	1171		0.05	0.0483
22	11.470	331		0.01	0.0136
23	11.694	550		0.02	0.0227
24	12.216	542		0.02	0.0223
25	12.795	1915		0.08	0.0789
26	13.047	1016		0.04	0.0419
27	13.202	167		0.01	0.0069
28	13.725	1626		0.07	0.0670
29	14.085	1525		0.06	0.0628
30	14.474	8805		0.36	0.3628
31	15.007	33384		1.38	1.3756
32	16.027	16402		0.68	0.6759
33	16.595	7043		0.23	0.2294
34	17.589	63950		2.08	2.0829
35	18.340	78335		2.55	2.5514
36	18.663	28245		0.92	0.9200
37	18.994	17460		0.57	0.5687
38	19.107	4306		0.14	0.1402
39	19.312	6725		0.22	0.2190
40	19.709	10132		0.33	0.3300
41	19.947	176		0.01	0.0057
42	20.332	1559		0.05	0.0508
43	20.555	1081		0.04	0.0352
44	20.868	726		0.02	0.0236
45	20.940	475		0.02	0.0155
46	21.551	20927		0.68	0.6816
47	21.777	1518		0.05	0.0494
48	21.856	1489		0.05	0.0485
49	21.937	801		0.03	0.0261
50	22.005	383		0.01	0.0125
51	22.172	2363		0.08	0.0770
52	22.243	2163		0.07	0.0705
53	22.330	3743		0.12	0.1219
54	22.397	4451		0.14	0.1450
55	22.490	7123		0.23	0.2320
56	22.546	4988		0.16	0.1625
57	22.701	16681		0.54	0.5433
58	22.871	30027		0.98	0.9780
59	23.020	26793		0.87	0.8727
60	23.269	79862		2.60	2.6011
61	23.607	2623		0.09	0.0854
62	24.343	12224		0.40	0.3981
63	24.399	169		0.01	0.0055
64	24.553	1261		0.04	0.0411
65	24.869	1741		0.06	0.0567
66	25.017	1287		0.04	0.0419
67	25.108	361		0.01	0.0118
68	25.320	9352		0.30	0.3046
69	25.706	1757		0.06	0.0572
70	25.855	647		0.02	0.0211
71	26.164	2634848	Decachlorobiphenyl	85.82	85.8178
72	26.950	215		0.01	0.0070
73	27.181	959		0.03	0.0312
74	27.256	244		0.01	0.0079
75	27.437	1063		0.03	0.0346
76	27.830	14930		0.49	0.4863
77	28.372	34604		1.13	1.1271
78	28.822	36319		1.18	1.1829
79	29.695	41253		1.34	1.3436
80	29.896	8138		0.27	0.2651
81	30.554	6064		0.20	0.1975
82	30.817	1096		0.04	0.0357
83	31.118	676		0.02	0.0220
84	31.551	1322		0.04	0.0431

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INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I224054.TX0

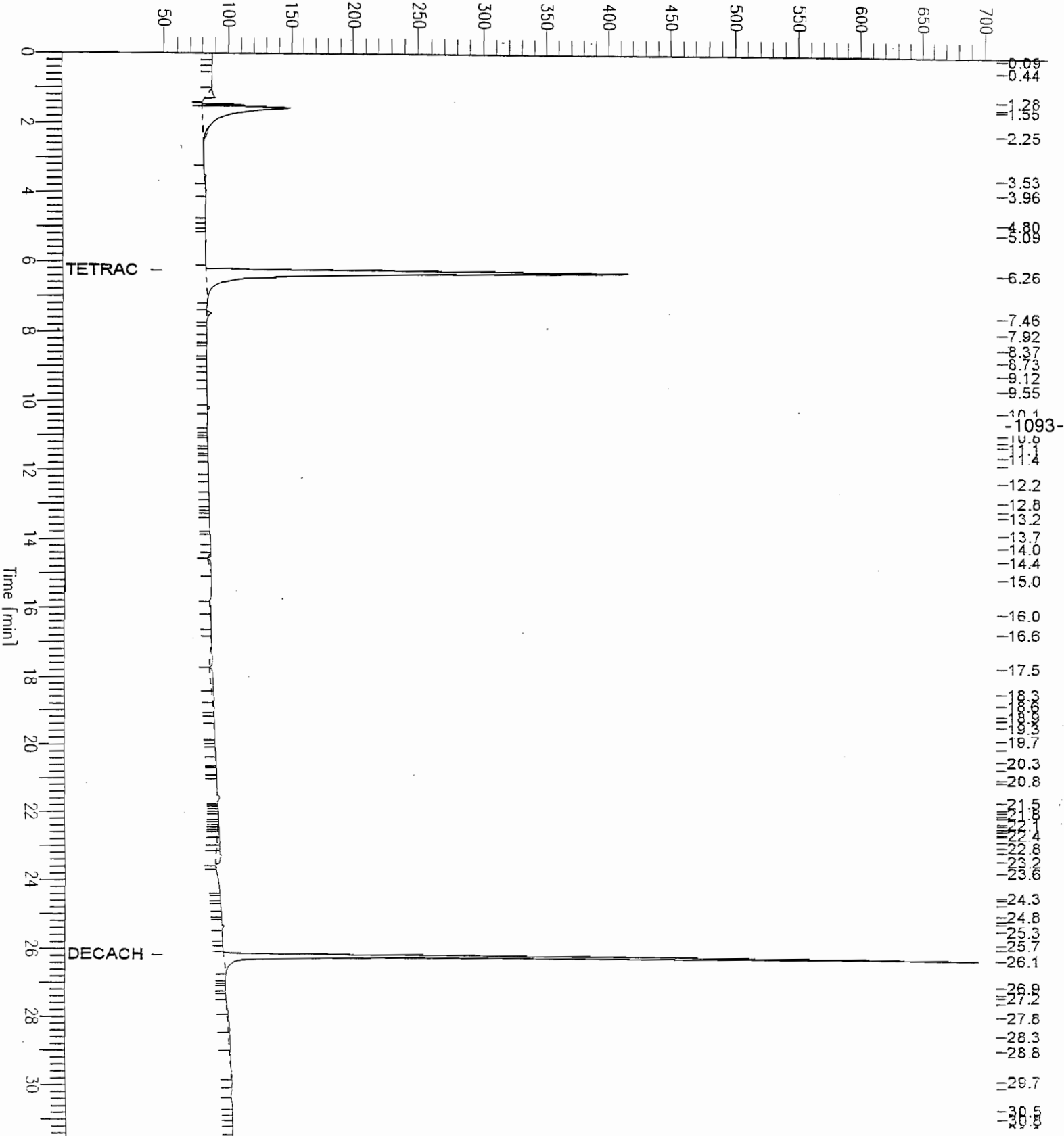
Chromatogram - ECD#1

Sample Name : PIBLK 100PPB
FileName : C:\DATA65\I224054.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 48 mV

Sample #: 54
Date : 3/1/05 11:51 AM
Time of Injection: 2/26/05 12:42 AM
Low Point : 48.25 mV
Plot Scale: 660.5 mV
Page 1 of 1
High Point : 708.79 mV

Response [mV]



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:51 AM

Sample Number: 54

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/100

Interface Serial # : NONE Data Acquisition Time: 2/26/05 12:42 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\H224054.RAW

Result File : C:\DATA65\H224054.rst

Inst Method : PCB2CH from C:\DATA65\H224054.rst

Proc Method : C:\DATA65\HSURR228.mth

Calib Method : C:\DATA65\HSURR228.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 47

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PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.757	107477		12.08	12.0753
2	1.008	73237		8.23	8.2284
3	1.063	482861		54.25	54.2509
4	2.245	4671		0.52	0.5248
5	2.950	6142		0.69	0.6901
6	4.016	173		0.02	0.0194
7	6.206	364		0.04	0.0409
8	6.896	318		0.04	0.0358
0	7.138		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	9.937	571		0.06	0.0641
10	10.814	1189		0.13	0.1336
11	11.454	1842		0.21	0.2070
12	12.323	466		0.05	0.0524
13	12.620	955		0.11	0.1073
14	12.802	317		0.04	0.0356
15	14.952	556		0.06	0.0625
16	15.586	6614		0.74	0.7431
17	15.819	12975		1.46	1.4578
18	16.136	24095		2.71	2.7072
19	18.381	95225		5.65	5.6509
20	18.590	20373		1.21	1.2090
21	19.575	23400		1.39	1.3886
22	19.803	3664		0.22	0.2174
23	21.094	2438		0.14	0.1447
24	22.268	6156		0.37	0.3653
25	22.647	525		0.03	0.0312
26	23.931	2666		0.16	0.1582
27	24.973	4844		0.29	0.2874
28	27.114	9204		0.55	0.5462
29	27.427	1230		0.07	0.0730
30	27.537	328		0.02	0.0195
31	27.784	934	Decachlorobiphenyl	0.06	0.0554
32	28.061	768		0.05	0.0456
33	28.164	437		0.03	0.0259
34	28.269	589		0.03	0.0350
35	28.374	355		0.02	0.0211
36	28.651	987		0.06	0.0586
37	28.799	960		0.06	0.0570
38	29.041	967		0.06	0.0574
39	29.422	1378		0.08	0.0818
40	29.577	650		0.04	0.0385
41	30.016	704		0.04	0.0418
42	30.296	612		0.04	0.0363
43	30.966	418		0.02	0.0248
44	31.241	108		0.01	0.0064
45	31.585	1084		0.06	0.0643
46	31.699	1173		0.07	0.0696
47	31.867	199		0.01	0.0118
		907199		92.26	92.2587

-1095-

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\H224054.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

FileName : C:\DATA65\H224054.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 45 mV

Sample #: 54

Date : 3/1/05 11:51 AM

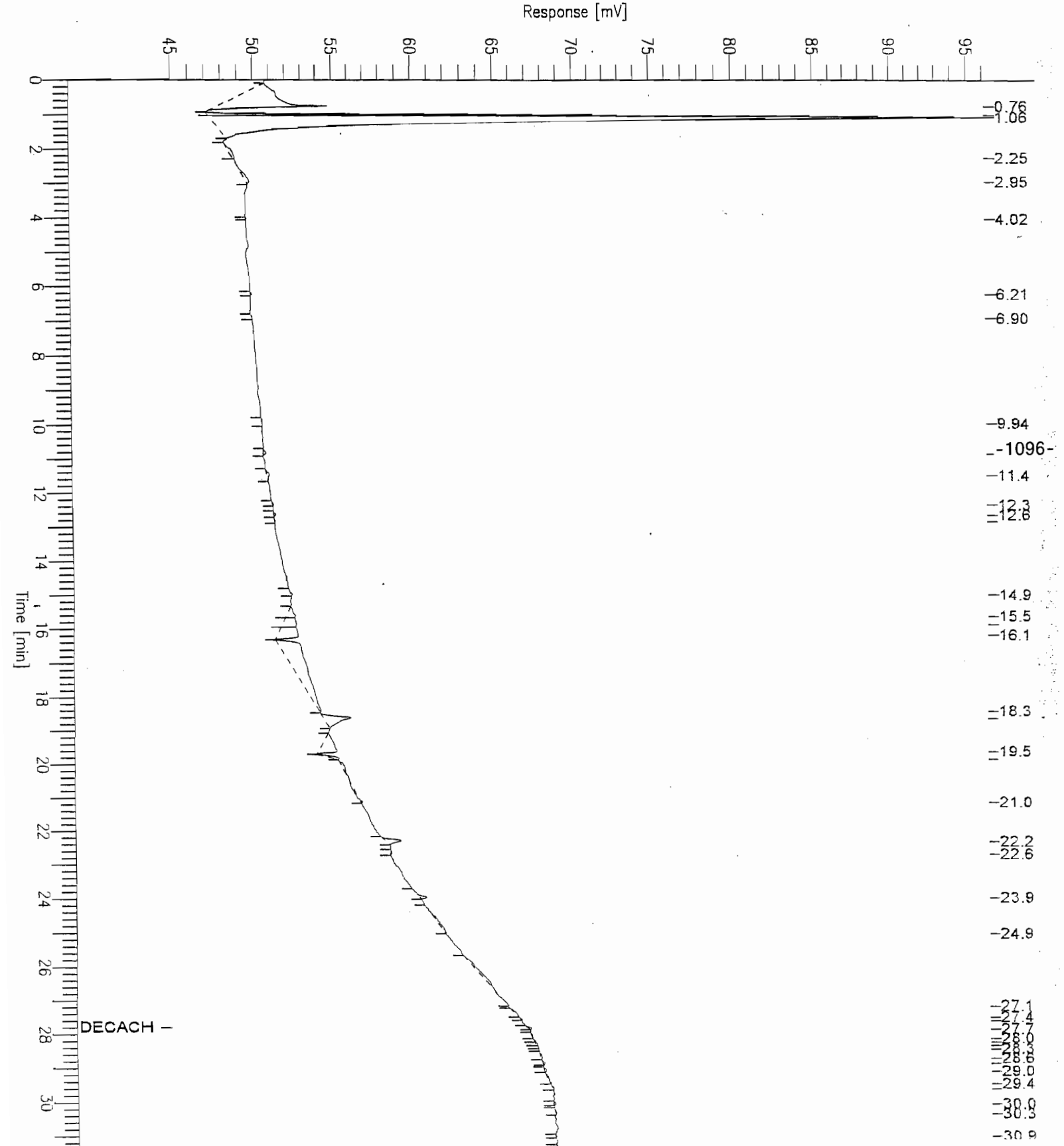
Time of Injection: 2/26/05 12:42 AM

Low Point : 44.70 mV

Plot Scale: 51.4 mV

Page 1 of 1

High Point : 96.14 mV



Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 3/1/05 11:50 AM

Sample Number: 1

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/100

Interface Serial # : NONE Data Acquisition Time: 2/24/05 04:46 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\I224001.RAW

Result File : C:\DATA65\I224001.rst

Inst Method : PCB2CH from C:\DATA65\I224001.rst

Proc Method : C:\DATA65\I1016020.mth

Calib Method : C:\DATA65\I1016020.mth

Sequence File : C:\DATA65\GA2794.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

-1097-

Multiplier : 1.0000

Divisor : 1.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 78

PCB REPORT

=====
HP-SFC CHANNNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.705	127433		7.47	7.4656
2	0.800	68773		4.03	4.0290
3	1.273	253902		14.87	14.8747
4	1.490	85167		4.99	4.9895
5	1.555	853353		49.99	49.9933
6	2.259	39038		2.29	2.2870
7	2.377	39990		2.34	2.3428
8	2.667	10447		0.61	0.6120

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	4.527	25149		1.47	1.4734
11	4.940	23833		1.40	1.3962
12	5.250	7886		0.46	0.4620
13	6.017	351		0.02	0.0205
0	6.246	0	Tetrachloro-m-xylene	0.00	0.0000
14	6.707	1581		0.09	0.0926
15	6.920	1468		0.09	0.0860
16	7.130	161		0.01	0.0094
17	7.815	7213		0.42	0.4226
18	8.724	14133		7.59	7.5886
19	8.965	2288		1.23	1.2283
20	9.026	612		0.33	0.3287
21	9.393	722		0.39	0.3877
22	9.718	1212		0.65	0.6508
23	10.123	1578		0.85	0.8472
24	10.411	935		0.50	0.5020
25	10.504	171		0.09	0.0918
26	10.644	268		0.14	0.1439
	10.803	398	AR1016	0.12	0.1243
28	11.135	2278		2.74	2.7393
29	11.339	1089		1.31	1.3095
30	11.974	520		0.63	0.6256
31	12.510	2062		4.08	4.0781
32	12.796	1529		3.02	3.0242
33	13.343	1227		2.43	2.4265
34	13.505	602		1.19	1.1908
35	13.810	226		0.45	0.4475
36	13.967	102		0.20	0.2020
37	14.354	1478		2.92	2.9225
38	14.510	944		1.87	1.8672
39	14.627	346		0.69	0.6852
40	14.995	906		1.79	1.7926
41	15.428	12499		24.72	24.7192
42	15.560	9615		19.01	19.0141
43	15.763	10481		20.73	20.7266
44	16.047	27602		54.59	54.5862
45	16.592	46829		92.61	92.6094
46	17.060	50479		99.83	99.8287
47	17.650	61428		121.48	121.4820
48	18.230	54918		108.61	108.6078
49	18.628	21433		42.39	42.3855
50	19.715	56783		2.69	2.6879
51	20.635	104638		4.95	4.9533
52	20.718	23125		1.09	1.0947
53	20.945	69142		3.27	3.2730
54	21.078	47794		2.26	2.2624
55	21.156	23289		1.10	1.1024
56	21.404	59640		2.82	2.8232
57	21.530	63745		3.02	3.0175
58	22.016	1238		0.06	0.0586
59	22.090	394		0.02	0.0187
60	22.170	399		0.02	0.0189
61	22.871	2888		0.14	0.1367
62	23.235	3341		0.16	0.1581
63	23.392	11648		0.55	0.5514
64	24.945	790574		37.42	37.4237
65	25.810	498243		23.59	23.5855
66	26.183	181626	Decachlorobiphenyl	8.60	8.5977
67	26.258	29802		1.41	1.4107
68	26.882	226145		10.71	10.7051
69	27.046	53131		2.52	2.5151
70	27.120	22512		1.07	1.0657
71	27.196	19495		0.92	0.9228
72	27.404	65089		3.08	3.0811
73	28.400	235483		11.15	11.1471
74	28.850	40333		1.91	1.9092
75	28.935	1196		0.06	0.0566
76	29.581	2622		0.12	0.1241
77	30.475	15494		0.73	0.7335
78	30.865	1240		0.06	0.0587
		4699051		845.25	845.2526

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
27	10.803	398	AR1016-1	0.21	0.2135
0	11.204	0	AR1016-2	0.00	0.0000
0	13.193	0	AR1016-3	0.00	0.0000
		398		0.21	0.2135

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\I224001.TX0

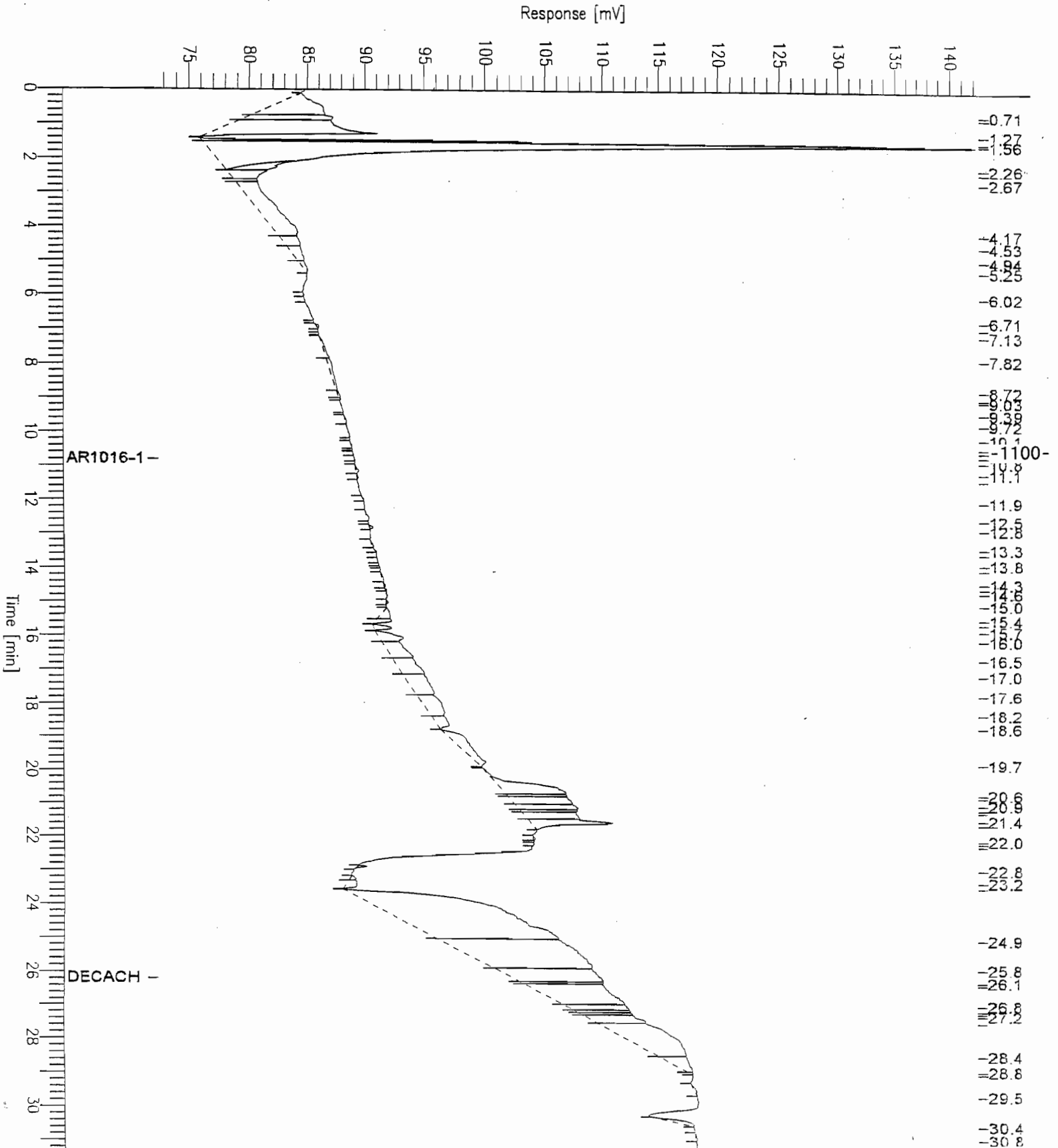
Chromatogram - ECD#1

Sample Name : HEXANE
FileName : C:\DATA65\I224001.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 73 mV

Sample #: 1
Date : 3/1/05 11:50 AM
Time of Injection: 2/24/05 04:46 PM
Low Point : 72.55 mV
Plot Scale: 69.9 mV
High Point : 142.48 mV

Page 1 of 1



Continuing Calibration

-1101-

Upstate Laboratories, Inc.

8D
ANALYTICAL SEQUENCE, COLUMN 1

Lab Name: Upstate Laboratories, Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

GC Column (1): DB XLB ID: 0.32(mm)

NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX1 RT(min)	DCB1 RT(min)
1	HEXANE	12/5/05	18:04		
	CKPIBLK	12/5/05	18:40	7.10	27.70
	AR1242 250PPB	12/5/05	19:17		
PBS	MB-5270	12/5/05	19:53	7.10	27.70
LCS	LCS-5270	12/5/05	20:29	7.10	27.70
SS-102	U0511380-001A	12/5/05	21:05	7.10	27.70
SS-102 DUP	U0511380-002A	12/5/05	21:42	7.10	27.70
SS-105	U0511380-003A	12/5/05	22:18	7.10	27.70
SS-106	U0511380-004A	12/5/05	22:54	7.10	27.70
SS-107	U0511380-005A	12/5/05	23:30	7.10	27.70
SS-108	U0511380-006A	12/6/05	12:07	7.10	27.70
SS-109 6"	U0511380-007A	12/6/05	12:43	7.10	27.70
SS-109 2'	U0511380-008A	12/6/05	1:19	7.10	27.70
SS-110 6"	U0511380-009A	12/6/05	1:55	7.10	27.70
SS-110 2'	U0511380-010A	12/6/05	2:32	7.10	27.70
SS-111	U0511380-011A	12/6/05	3:08	7.10	27.70
SS-112	U0511380-012A	12/6/05	3:44	7.10	27.70
SB-113 2'	U0511380-013A	12/6/05	4:20	7.10	27.70
SB-114 2'	U0511380-014A	12/6/05	4:57	7.10	27.70
SB-115 2'	U0511380-015A	12/6/05	5:33	7.10	27.70
SB-116 2'	U0511380-016A	12/6/05	6:09	7.10	27.70
SS-117	U0511380-017A	12/6/05	6:45	7.10	27.70
SS-118	U0511380-018A	12/6/05	7:22	7.10	27.70
	HEXANE	12/6/05	7:58		
	CKPIBLK	12/6/05	8:34	7.10	27.70
	AR1248 250PPB	12/6/05	9:10		
SS-119	U0511380-019A	12/6/05	9:46	7.10	27.70
SS-120	U0511380-020A	12/6/05	10:23	7.10	27.70
SS-121	U0511380-021A	12/6/05	10:59	7.10	27.70
SS-121MS	U0511380-021MS	12/6/05	11:35	7.10	27.70

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8D
ANALYTICAL SEQUENCE, COLUMN 1

Lab Name: Upstate Laboratories, Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

GC Column (1): DB XLB ID: 0.32 (mm)

NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX1 RT(min)	DCB1 RT(min)
1 SS-121MSD	U0511380-021MSD	12/6/05	12:11	7.10	27.70
SS-122	U0511380-022A	12/6/05	12:47	7.10	27.70
SS-123	U0511380-023A	12/6/05	13:23	7.10	27.70
SS-124	U0511380-024A	12/6/05	14:00	7.10	27.70
SS-125	U0511380-025A	12/6/05	14:36	7.10	27.70
SS-126	U0511380-026A	12/6/05	15:12	7.10	27.70
SS-127	U0511380-027A	12/6/05	15:48	7.10	27.70
SS-128	U0511380-028A	12/6/05	16:24	7.10	27.70
SS-129	U0511380-029A	12/6/05	17:00	7.10	27.70
SS-130	U0511380-030A	12/6/05	17:36	7.10	27.70
	HEXANE	12/6/05	18:13		
	CKPIBLK	12/6/05	18:49	7.10	27.70
	AR1254 250PPB	12/6/05	19:25		

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Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 12/7/05 03:47 PM

Sample Number: 1

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/1

Interface Serial # : NONE Data Acquisition Time: 12/5/05 06:04 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05001.RAW

Result File : C:\DATA65\HC05001.RST

Inst Method : PCB2CH from C:\DATA65\HC05001.RST

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1104-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 34

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.209	582		0.07	0.0218
2	0.595	2846		0.32	0.1066
3	0.810	1087350		122.17	40.7223
4	3.443	1128		0.13	0.0422
5	5.740	4303		0.48	0.1612
6	6.177	11004		1.24	0.4121
0	7.100	0	Tetrachloro-m-xylene	0.00	0.0000
7	10.765	4996		14.27	4.7578

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
-	11.722	0	AR1242	0.00	0.0000
8	12.570	4726		13.50	4.5010
9	15.113	2092		7.37	2.4579
10	15.535	2043		7.20	2.4009
11	15.691	551		1.94	0.6479
12	15.816	690		2.43	0.8113
13	16.137	1161		4.09	1.3647
14	16.429	163		0.58	0.1921
15	16.574	526		1.85	0.6183
16	16.789	1428		5.03	1.6776
17	16.957	684		2.41	0.8033
18	17.474	3790		13.36	4.4532
19	17.734	9107		32.11	10.7023
20	17.986	11390		40.15	13.3847
21	18.237	11747		41.41	13.8047
22	18.316	6520		22.99	7.6618
23	18.429	9124		32.17	10.7219
24	18.553	5306		18.71	6.2351
25	19.575	757		2.67	0.8895
26	19.904	1848		6.52	2.1722
27	21.615	27593		1.64	0.5458
28	21.962	18597		1.10	0.3679
29	22.086	7885		0.47	0.1560
30	22.209	11864		0.70	0.2347
31	23.883	11864		0.70	0.2347
32	25.185	30158		1.79	0.5966
33	26.342	3351		0.20	0.0663
0	27.719	0	Decachlorobiphenyl	0.00	0.0000
34	28.125	939		0.06	0.0186
		1298116		401.83	133.9449

Group Report For : AR1242

-1105-

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	9.695	0	AR1242-1	0.00	0.0000
0	11.661	0	AR1242-2	0.00	0.0000
0	15.178	0	AR1242-3	0.00	0.0000
		0		0.00	0.0000

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC05001.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

FileName : C:\DATA65\Hc05001.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 34 mV

Sample #: 1

Date : 12/7/05 03:47 PM

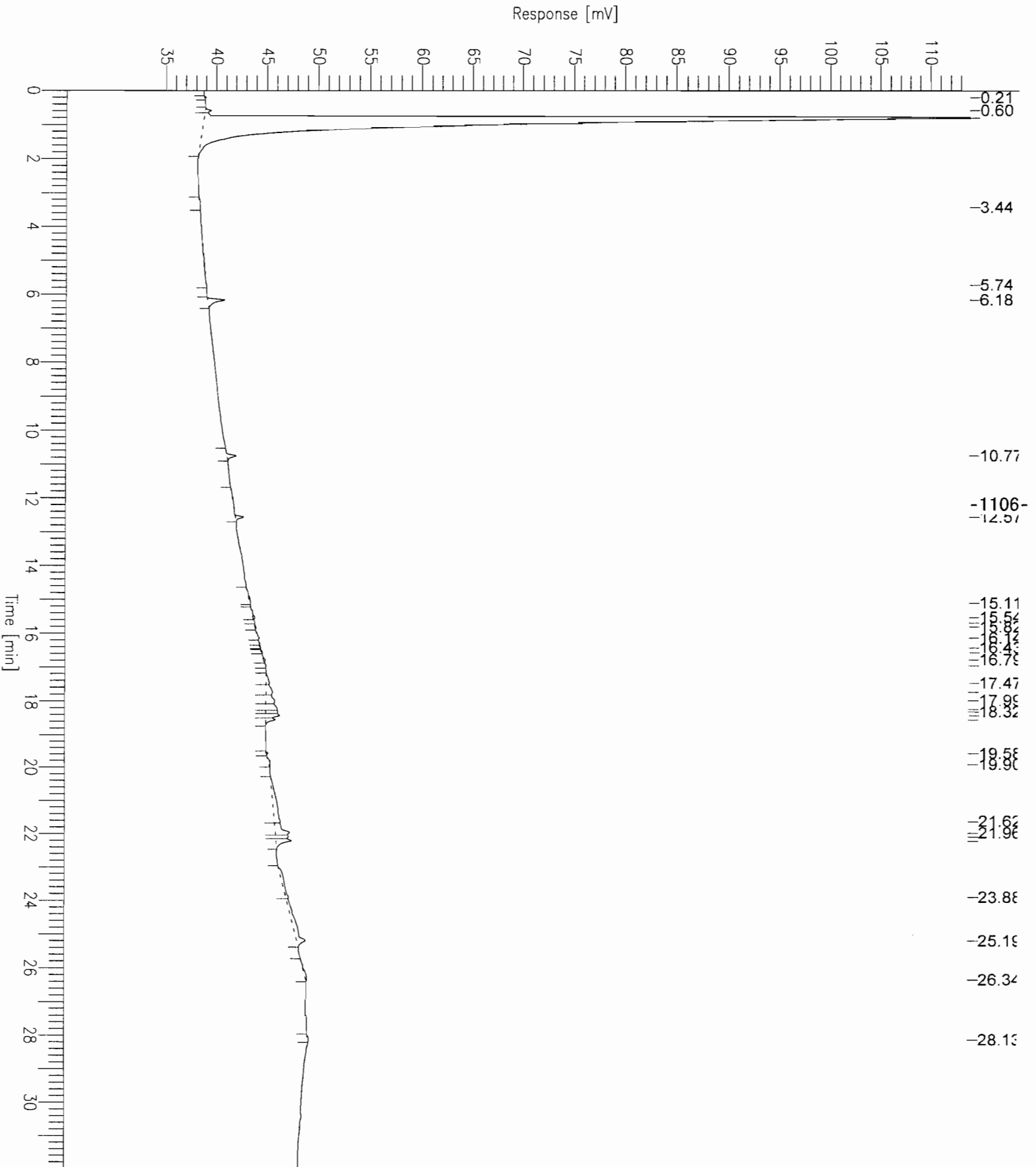
Time of Injection: 12/5/05 06:04 PM

Low Point : 34.32 mV

Plot Scale: 79.5 mV

Page 1 of 1

High Point : 113.83 mV



Software Version: 4.1<2F12>
Sample Name : CKPIBLK 20PPB
Sample Number: 2
Operator : manager

Time : 12/7/05 03:47 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/2

Interface Serial # : NONE Data Acquisition Time: 12/5/05 06:40 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05002.RAW
Result File : C:\DATA65\HC05002.RST
Inst Method : PCB2CH from C:\DATA65\HC05002.RST
Proc Method : C:\DATA65\H1242228.mth
Calib Method : C:\DATA65\H1242228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1107-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 65

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.827	6186126		695.03	231.6765
2	3.224	3631		0.41	0.1360
3	3.648	2843		0.32	0.1065
4	3.812	718		0.08	0.0269
5	4.317	1668		0.19	0.0625
6	4.886	2002		0.22	0.0750
7	5.763	623		0.07	0.0233
8	6.168	35315		3.97	1.3226

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.823	859		0.10	0.0322
10	7.099	196701	Tetrachloro-m-xylene	22.10	7.3666
11	8.059	667		0.07	0.0250
12	8.207	1997		0.22	0.0748
13	8.373	4448		0.50	0.1666
14	8.556	878		3.31	1.1028
15	8.752	7364		27.74	9.2481
16	9.306	3761		14.17	4.7239
17	9.550	2754		10.38	3.4588
19	9.804	3115		11.74	3.9123
20	10.342	1330		5.01	1.6699
21	10.461	1062		4.00	1.3333
22	10.753	13277		37.93	12.6436
23	11.083	3215		9.18	3.0616
24	11.361	2579		7.37	2.4558
	11.665	7332	AR1242	8.15	2.7182
26	11.762	4819		13.77	4.5888
27	11.840	4499		12.85	4.2847
28	12.070	345		0.99	0.3286
29	12.263	1802		5.15	1.7161
30	12.558	105918		302.60	100.8661
31	13.459	2764		9.74	3.2481
32	13.871	880		3.10	1.0339
33	14.080	952		3.36	1.1191
34	14.692	1073		3.78	1.2605
35	15.067	1585		5.59	1.8623
36	15.341	508		1.79	0.5970
37	15.522	564		1.99	0.6628
38	15.787	765		2.70	0.8989
39	15.975	2058		7.26	2.4190
40	16.175	1041		3.67	1.2238
41	17.170	330		1.16	0.3879
42	17.723	1542		5.44	1.8120
43	18.013	440		1.55	0.5168
44	18.207	435		1.53	0.5108
45	18.553	9971		35.15	11.7175
46	19.087	447		1.58	0.5257
47	19.229	743		2.62	0.8729
48	19.569	69403		244.67	81.5576
49	20.077	379		1.34	0.4457
50	20.486	354		1.25	0.4157
51	21.228	1350		4.76	1.5859
52	21.626	761		0.05	0.0151
53	22.207	115841		6.87	2.2914
54	22.809	5669		0.34	0.1121
55	24.054	800		0.05	0.0158
56	24.579	549		0.03	0.0109
57	25.256	6261		0.37	0.1238
58	25.778	8977		0.53	0.1776
59	25.903	2144		0.13	0.0424
60	26.165	3420		0.20	0.0676
61	26.565	3410		0.20	0.0674
62	26.739	4753		0.28	0.0940
63	27.480	1542		0.09	0.0305
64	27.713	359883	Decachlorobiphenyl	21.36	7.1188
65	28.283	11382		0.68	0.2251
		7224622		1572.82	524.2736

-1108-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	9.703	3503	AR1242-1	13.20	4.3997
25	11.665	3829	AR1242-2	10.94	3.6460
0	15.178	0	AR1242-3	0.00	0.0000
		7332		24.14	8.0457

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

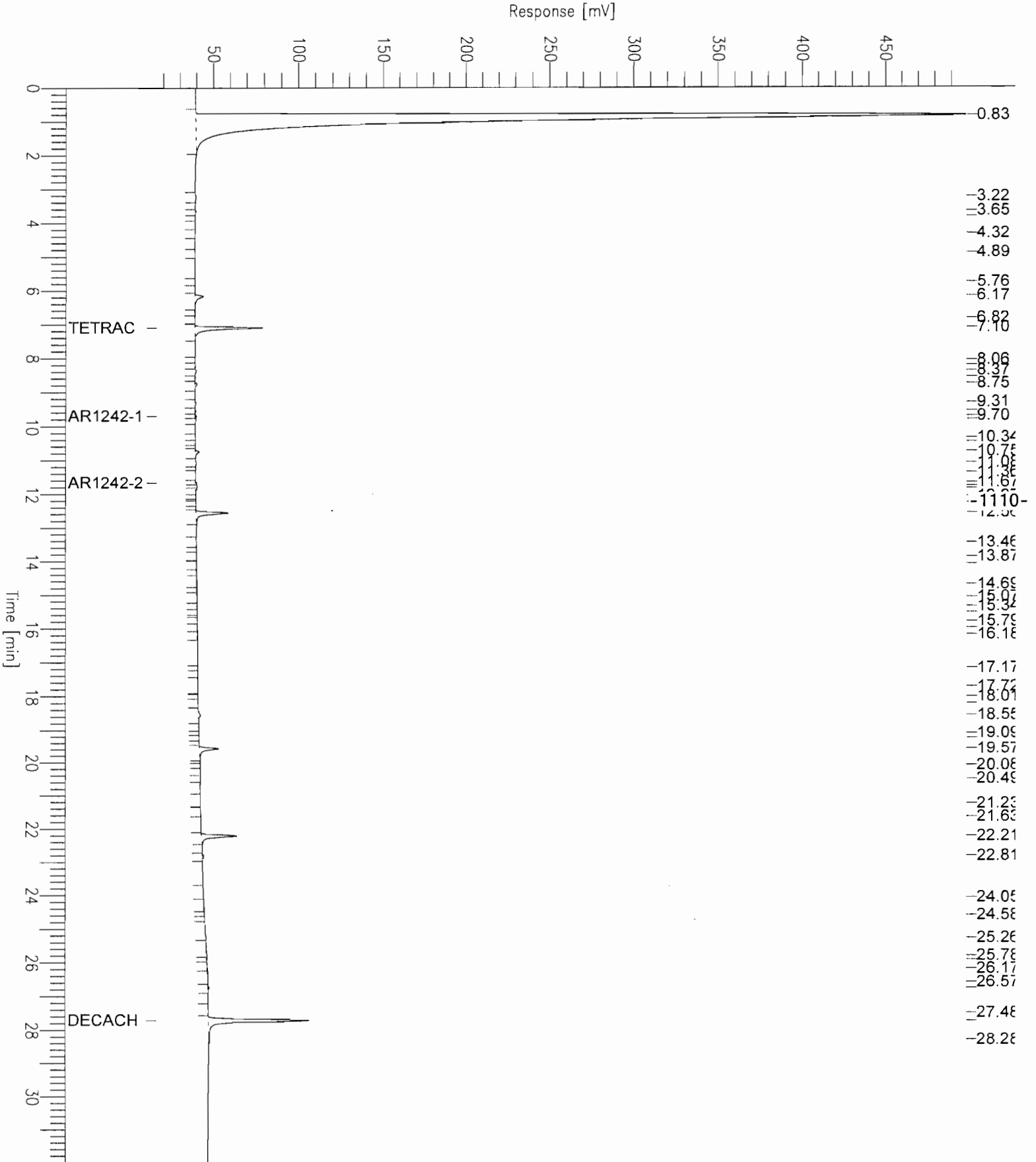
Report stored in ASCII file: C:\DATA65\HC05002.TX0

Chromatogram - ECD#1

Sample Name : CKPIBLK 20PPB
 FileName : C:\DATA65\Hc05002.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 16 mV

Sample #: 2
 Date : 12/7/05 03:47 PM
 Time of Injection: 12/5/05 06:40 PM
 Low Point : 15.75 mV
 Plot Scale: 483.3 mV
 High Point : 499.01 mV



PCB

UPSTATE LABORATORIES, INC. CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column DB XLB

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/5/05

Time 7:17 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	9.70			250	269.87	108
	2	11.67			250	249.82	100
	3	15.18			250	232.9	93
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date 12/6/05

Time 9:10 AM

-1111-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1248	1	12.78			250	279.2	112
	2	13.46			250	254.99	102
	3	15.20			250	263.49	105
	4	15.80			250	247.45	99
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>
Sample Name : AR1242 250PPB
Sample Number: 3
Operator : manager

Time : 12/7/05 03:47 PM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/3

Interface Serial # : NONE Data Acquisition Time: 12/5/05 07:17 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05003.RAW
Result File : C:\DATA65\HC05003.RST
Inst Method : PCB2CH from C:\DATA65\HC05003.RST
Proc Method : C:\DATA65\H1242228.mth
Calib Method : C:\DATA65\H1242228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1112-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 78

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.812	755030		84.83	28.2766
2	3.225	420		0.05	0.0157
3	3.645	419		0.05	0.0157
4	5.000	1667		0.19	0.0624
5	5.806	1496		0.17	0.0560
6	6.166	6341		0.71	0.2375
7	6.801	8059		0.91	0.3018
0	7.100		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	7.777	7790		0.88	0.2918
9	8.059	10323		1.16	0.3866
10	8.372	58708		6.60	2.1987
11	8.851	8587		32.35	10.7845
12	9.303	1136		4.28	1.4272
13	9.551	1085		4.09	1.3621
15	9.808	49802		187.64	62.5470
16	10.038	7948		29.95	9.9825
17	10.143	3417		12.87	4.2909
18	10.346	39317		148.14	49.3785
19	10.461	36684		138.21	46.0715
20	10.756	4115		11.76	3.9191
21	10.978	1438		4.11	1.3692
22	11.081	734		2.10	0.6993
23	11.260	15586		44.53	14.8422
24	11.363	10896		31.13	10.3763
	11.670	225133	AR1242	250.40	83.4664
26	11.762	105788		302.23	100.7426
27	11.850	93988		268.52	89.5054
28	12.268	53628		153.21	51.0705
29	12.411	4317		12.33	4.1110
30	12.559	21035		60.10	20.0317
31	12.775	57445		164.12	54.7050
32	12.944	62994		179.97	59.9892
33	13.098	19168		54.76	18.2541
34	13.457	58719		207.01	69.0030
35	13.613	29410		103.68	34.5607
36	13.790	17389		61.30	20.4349
37	13.863	12938		45.61	15.2035
38	14.091	27329		96.35	32.1150
39	14.151	34515		121.68	40.5599
40	14.636	2449		8.63	2.8782
41	14.750	1379		4.86	1.6205
42	14.936	3271		11.53	3.8438
43	15.083	48333		170.39	56.7973
45	15.330	68235		240.55	80.1849
46	15.555	5305		18.70	6.2337
47	15.810	44715		157.64	52.5454
48	15.987	46545		164.09	54.6962
49	16.166	16953		59.77	19.9222
50	16.451	3328		11.73	3.9111
51	16.653	11578		40.82	13.6053
52	16.973	15296		53.92	17.9750
53	17.153	8351		29.44	9.8130
54	17.334	24284		85.61	28.5364
55	17.666	7624		26.88	8.9588
56	17.826	4168		14.69	4.8983
57	18.010	5382		18.97	6.3245
58	18.149	1249		4.40	1.4679
59	18.337	2100		7.40	2.4683
60	18.536	29112		102.63	34.2099
61	18.847	3592		12.66	4.2215
62	19.089	8920		31.45	10.4820
63	19.470	10462		36.88	12.2944
64	19.568	13435		47.36	15.7878
65	19.871	1036		3.65	1.2178
66	20.082	9519		33.56	11.1863
67	20.228	1824		6.43	2.1431
68	20.482	279		0.98	0.3283
69	20.698	292		1.03	0.3432
70	21.086	2280		8.04	2.6790
71	21.244	602		2.12	0.7070
72	21.365	391		1.38	0.4595
73	21.599	238		0.01	0.0047
74	22.208	27640		1.64	0.5467
75	22.465	1919		0.11	0.0379
76	22.810	840		0.05	0.0166
77	23.476	746		0.04	0.0148
78	26.741	13451		0.80	0.2661
0	27.719	0	Decachlorobiphenyl	0.00	0.0000
		2301915		4248.82	1416.2733

-1113-

Group Report For : AR1242

Peak	Time	Area	Component	On Column	Sample Results
------	------	------	-----------	-----------	----------------

#	[min]	[uV*sec]	Name	ppb	ug/L, ug/kg, ng
14	9.702	71628	AR1242-1	269.87	89.9580
25	11.670	87442	AR1242-2	249.82	83.2719
44	15.188	66063	AR1242-3	232.90	77.6325
		225133		752.59	250.8623

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

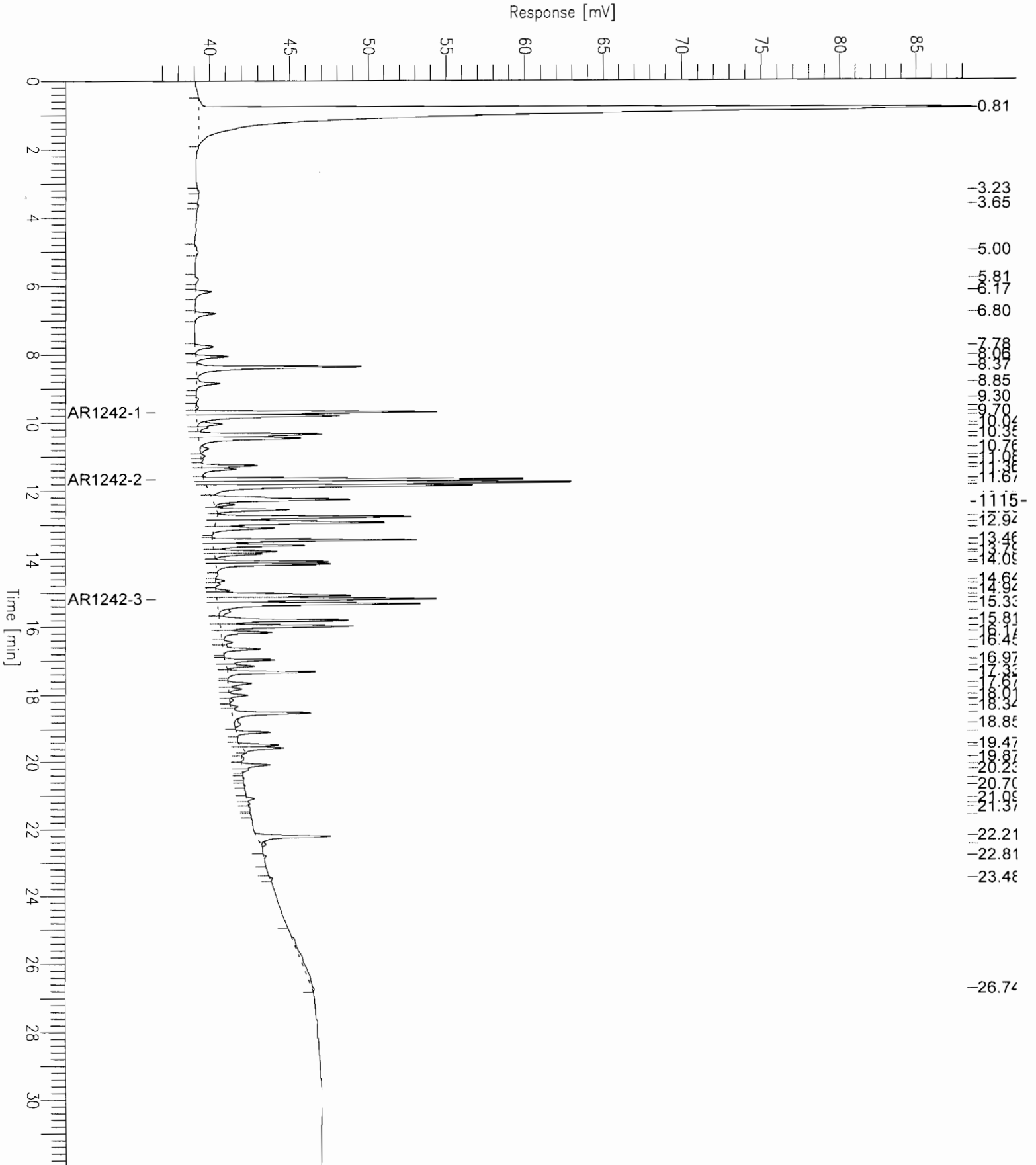
Report stored in ASCII file: C:\DATA65\HC05003.TX0

Chromatogram - ECD#1

Sample Name : AR1242 250PPB
FileName : C:\DATA65\Hc05003.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 37 mV

Sample #: 3
Date : 12/7/05 03:47 PM
Time of Injection: 12/5/05 07:17 PM
Low Point : 36.57 mV
High Point : 88.30 mV
Plot Scale: 51.7 mV



Software Version: 4.1<2F12>

Sample Name : hexane

Time : 12/9/05 11:00 AM

Sample Number: 24

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 12/6/05 07:58 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05024.RAW

Result File : C:\DATA65\HC05024.RST

Inst Method : PCB2CH from C:\DATA65\HC05024.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1116-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 23

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.818	1100524		123.65	41.2157
2	3.239	568		0.06	0.0213
3	4.897	637		0.07	0.0239
4	5.733	170		0.02	0.0064
5	6.164	332		0.04	0.0125
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
6	10.760	2391		6.03	2.0084
7	12.567	2570		6.48	2.1587

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	15.004	1386		2.80	0.9325
	15.164	1585	AR1248	0.96	0.3204
11	17.215	3153		8.84	2.9477
12	18.545	8210		23.02	7.6747
13	19.405	415		1.16	0.3878
14	19.551	1042		2.92	0.9744
15	20.060	6796		19.06	6.3533
16	22.215	3369		0.20	0.0666
17	23.499	1963		0.12	0.0388
18	24.298	1702		0.10	0.0337
19	25.374	11680		0.69	0.2310
20	26.311	140137		8.32	2.7720
21	27.428	3713		0.22	0.0734
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
22	28.015	549		0.03	0.0109
23	29.614	800		0.05	0.0158
1293696				204.84	68.2802

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
10	15.823	335	AR1248-4	0.94	0.3133
0	12.758	0	AR1248-1	0.00	0.0000
0	13.437	0	AR1248-2	0.00	0.0000
9	15.164	1249	AR1248-3	2.52	0.8405
1585				3.46	1.1538

===== -1117-
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC05024.TX0

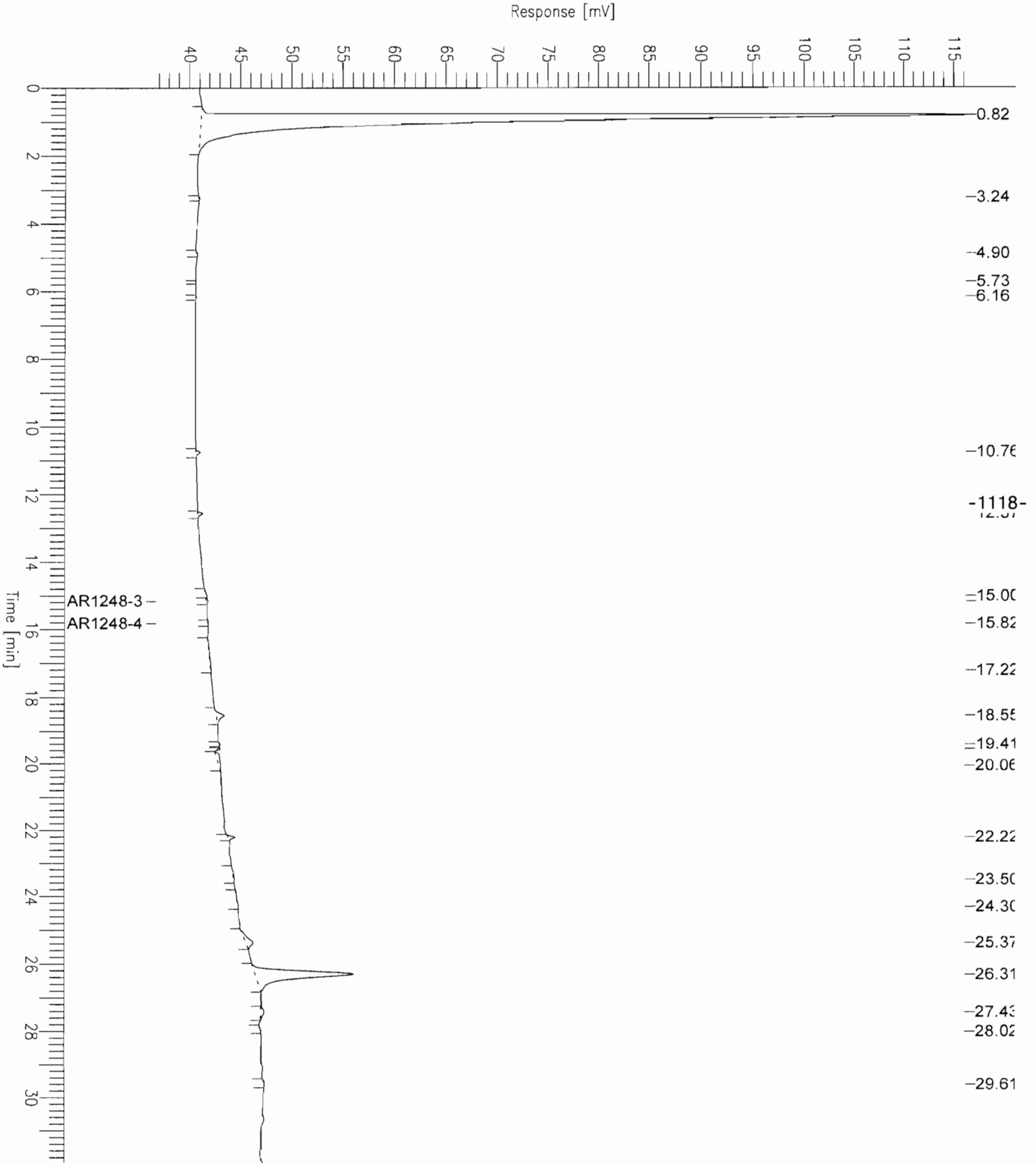
Chromatogram - ECD#1

Sample Name : hexane
FileName : C:\DATA65\Hc05024.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 37 mV

Sample #: 24
Date : 12/9/05 11:00 AM
Time of Injection: 12/6/05 07:58 AM
Low Point : 36.79 mV
High Point : 116.20 mV
Plot Scale: 79.4 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : ckpiblk

Time : 12/9/05 11:00 AM

Sample Number: 25

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/25

Interface Serial # : NONE Data Acquisition Time: 12/6/05 08:34 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05025.RAW

Result File : C:\DATA65\HC05025.RST

Inst Method : PCB2CH from C:\DATA65\HC05025.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1119-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 70

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.832	6559421		736.97	245.6567
2	3.030	290		0.03	0.0109
3	3.227	3807		0.43	0.1426
4	3.650	2937		0.33	0.1100
5	3.814	918		0.10	0.0344
6	4.316	1625		0.18	0.0609
7	4.894	4444		0.50	0.1664
8	5.754	1412		0.16	0.0529

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.172	23534		2.64	0.8814
10	6.831	830		0.09	0.0311
11	7.101	210641	Tetrachloro-m-xylene	23.67	7.8887
12	8.062	696		0.08	0.0261
13	8.210	2190		0.25	0.0820
14	8.375	4904		0.55	0.1837
15	8.559	1329		0.15	0.0498
16	8.754	8155		0.92	0.3054
17	9.111	672		0.08	0.0252
18	9.311	4019		0.45	0.1505
19	9.555	3140		0.35	0.1176
20	9.706	3608		0.41	0.1351
21	9.806	3327		0.37	0.1246
22	10.343	1358		3.42	1.1407
23	10.463	1023		2.58	0.8594
24	10.758	8427		21.23	7.0778
25	11.087	3502		8.82	2.9415
26	11.368	2305		5.81	1.9356
27	11.671	2312		5.83	1.9420
28	11.765	1542		3.88	1.2947
29	12.072	293		0.74	0.2462
30	12.266	1934		4.87	1.6241
31	12.564	100795		253.97	84.6552
	13.461	6210	AR1248	3.77	1.2556
33	13.871	1096		2.74	0.9141
34	14.157	1152		2.88	0.9610
35	14.702	2430		4.90	1.6348
36	15.077	7294		14.72	4.9065
37	15.337	2429		4.90	1.6342
38	15.524	3411		9.57	3.1883
40	15.978	4595		12.89	4.2956
41	16.171	1482		4.16	1.3857
42	16.442	697		1.95	0.6516
43	17.037	727		2.04	0.6797
44	17.166	491		1.38	0.4587
45	17.717	879		2.47	0.8221
46	18.018	488		1.37	0.4565
47	18.219	639		1.79	0.5975
48	18.556	9892		27.74	9.2471
49	19.090	397		1.11	0.3713
50	19.233	572		1.60	0.5349
51	19.571	77119		216.28	72.0925
52	20.490	221		0.62	0.2067
53	21.013	386		1.08	0.3611
54	21.233	1184		3.32	1.1070
55	21.449	376		1.05	0.3514
56	22.210	122243		7.25	2.4181
57	22.810	6168		0.37	0.1220
58	23.768	4609		0.27	0.0912
59	24.574	441		0.03	0.0087
60	25.019	909		0.05	0.0180
61	25.251	2084		0.12	0.0412
62	25.507	385		0.02	0.0076
63	25.777	2295		0.14	0.0454
64	25.902	2143		0.13	0.0424
65	26.415	4429		0.26	0.0876
66	26.741	4640		0.28	0.0918
67	27.464	4938		0.29	0.0977
68	27.714	381024	Decachlorobiphenyl	22.61	7.5370
69	28.280	5858		0.35	0.1159
70	29.602	4004		0.24	0.0792
		7635731		1436.61	478.8707

-1120-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
39	15.815	2981	AR1248-4	8.36	2.7872
0	12.758	0	AR1248-1	0.00	0.0000
32	13.461	3229	AR1248-2	8.08	2.6929
0	15.169	0	AR1248-3	0.00	0.0000
		6210		16.44	5.4801

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\HC05025.TX0

Chromatogram - ECD#1

Sample Name : ckpiblk

Sample #: 25

Page 1 of 1

FileName : C:\DATA65\Hc05025.raw

Date : 12/9/05 11:00 AM

Method : PCB2CH

Time of Injection: 12/6/05 08:34 AM

Start Time : 0.00 min

End Time : 32.00 min

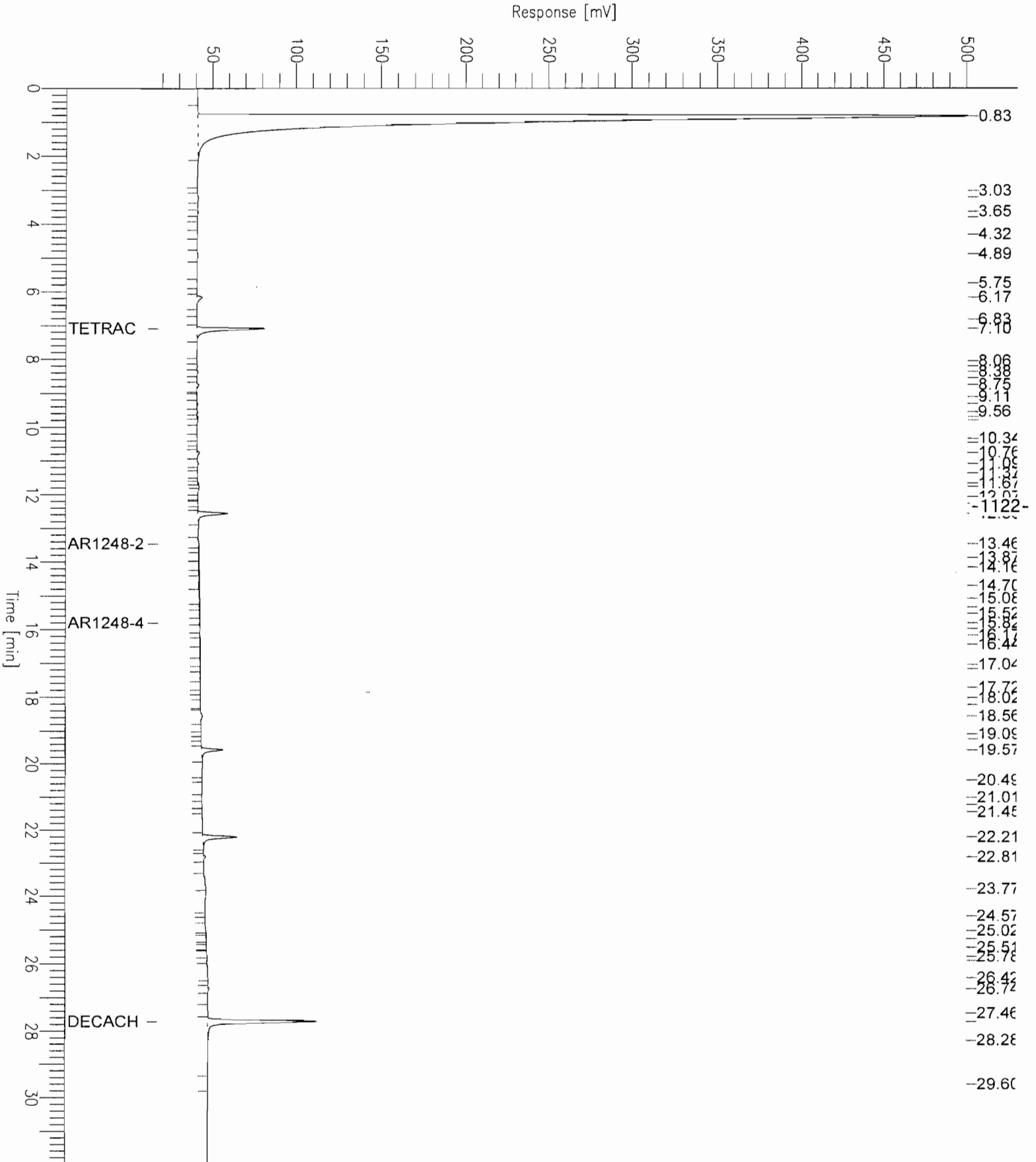
Low Point : 17.73 mV

High Point : 500.84 mV

Scale Factor: 1.0

Plot Offset: 18 mV

Plot Scale: 483.1 mV



PCB

UPSTATE LABORATORIES, INC. CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column DB XLB

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/5/05

Time 7:17 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	9.70			250	269.87	108
	2	11.67			250	249.82	100
	3	15.18			250	232.9	93
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date 12/6/05

Time 9:10 AM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1248	1	12.78			250	279.2	112
	2	13.46			250	254.99	102
	3	15.20			250	263.49	105
	4	15.80			250	247.45	99
	5						
	6						
	7						
	8						
	9						
	10						

-1123-

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>
Sample Name : arl248 250ppb
Sample Number: 26
Operator : manager

Time : 12/9/05 11:00 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/26

Interface Serial # : NONE Data Acquisition Time: 12/6/05 09:10 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05026.RAW
Result File : C:\DATA65\HC05026.RST
Inst Method : PCB2CH from C:\DATA65\HC05026.RST
Proc Method : C:\DATA65\H1248228.mth
Calib Method : C:\DATA65\H1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1124-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 76

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.810	632495		71.06	23.6876
2	3.241	966		0.11	0.0362
3	4.897	776		0.09	0.0291
4	6.168	649		0.07	0.0243
5	6.810	916		0.10	0.0343
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
6	7.788	1110		0.12	0.0416
7	8.064	1399		0.16	0.0524

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	8.377	10817		1.22	0.4051
9	8.857	2583		0.29	0.0967
10	9.707	41964		4.71	1.5716
11	9.806	21312		2.39	0.7982
12	10.040	1709		4.31	1.4354
13	10.350	14961		37.70	12.5655
14	10.467	17421		43.89	14.6310
15	10.764	1347		3.39	1.1311
16	11.265	4235		10.67	3.5573
17	11.676	74546		187.83	62.6087
18	11.763	68935		173.69	57.8964
19	11.850	56240		141.70	47.2344
20	12.203	14872		37.47	12.4909
21	12.269	27870		70.22	23.4072
22	12.417	9826		24.76	8.2525
23	12.565	4426		11.15	3.7175
25	12.949	100304		252.73	84.2422
26	13.102	33276		83.84	27.9473
28	13.619	36650		91.70	30.5671
29	13.795	12528		31.35	10.4489
30	14.096	83523		208.98	69.6601
31	14.479	604		1.22	0.4066
32	14.641	1990		4.02	1.3388
33	14.755	3015		6.09	2.0284
34	14.941	5149		10.39	3.4637
35	15.085	91309		184.27	61.4234
	15.194	431522	AR1248	261.74	87.2479
37	15.335	133672		269.76	89.9207
39	15.990	86942		243.83	81.2750
40	16.170	37589		105.42	35.1393
41	16.456	7508		21.06	7.0186
42	16.558	1886		5.29	1.7631
43	16.658	25496		71.50	23.8342
44	16.978	32231		90.39	30.1302
45	17.157	20392		57.19	19.0625
46	17.338	55964		156.95	52.3162
47	17.671	17083		47.91	15.9692
48	17.830	5132		14.39	4.7978
49	18.014	5678		15.92	5.3079
50	18.152	1879		5.27	1.7568
51	18.340	4950		13.88	4.6275
52	18.540	54700		153.40	51.1348
53	18.883	7776		21.81	7.2693
54	19.091	11050		30.99	10.3296
55	19.331	371		1.04	0.3469
56	19.471	33170		93.02	31.0082
57	19.722	993		2.78	0.9279
58	19.878	1068		3.00	0.9985
59	20.086	7907		22.18	7.3920
60	20.483	1920		5.38	1.7946
61	20.692	735		2.06	0.6875
62	21.089	2396		6.72	2.2399
63	21.248	1204		3.38	1.1258
64	21.591	548		1.54	0.5122
65	21.754	405		1.14	0.3786
66	22.211	10365		0.62	0.2050
67	22.471	3563		0.21	0.0705
68	22.554	5726		0.34	0.1133
69	23.552	5672		0.34	0.1122
70	23.795	5799		0.34	0.1147
71	24.899	308		0.02	0.0061
72	25.685	1400		0.08	0.0277
73	25.930	1986		0.12	0.0393
74	26.362	5359		0.32	0.1060
75	26.772	520		0.03	0.0103
76	27.753	820	Decachlorobiphenyl	0.05	0.0162
		2413410		3433.10	1144.3655

-1125-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
38	15.814	88236	AR1248-4	247.45	82.4847
24	12.780	110813	AR1248-1	279.21	93.0684

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
27	13.462	101911	AR1248-2	254.99	84.9965
36	15.194	130563	AR1248-3	263.49	87.8294
		431522		1045.14	348.3789

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\HC05026.TX0

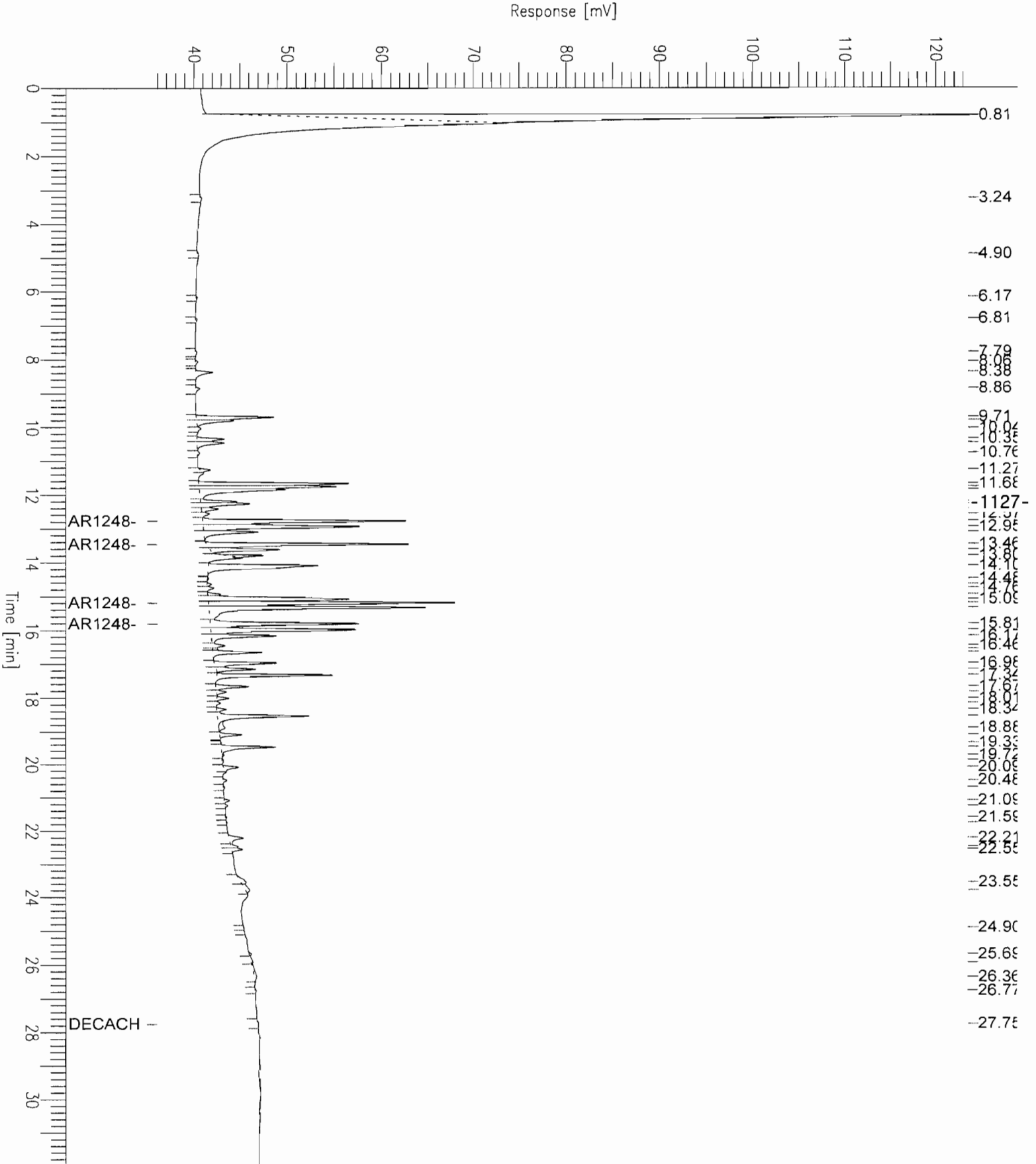
Chromatogram - ECD#1

Sample Name : ar1248 250ppb
FileName : C:\DATA65\Hc05026.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 36 mV

Sample #: 26
Date : 12/9/05 11:00 AM
Time of Injection: 12/6/05 09:10 AM
Low Point : 35.99 mV
Plot Scale: 87.5 mV
High Point : 123.53 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : hexane

Time : 12/9/05 11:02 AM

Sample Number: 41

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/41

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:13 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05041.RAW

Result File : C:\DATA65\HC05041.RST

Inst Method : PCB2CH from C:\DATA65\HC05041.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1128-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 31

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.812	1115797		125.36	41.7877
2	3.233	532		0.06	0.0199
3	4.894	653		0.07	0.0245
4	6.173	311		0.03	0.0117
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
5	10.758	1075		2.71	0.9026
6	12.569	1695		4.27	1.4235
7	13.150	356		0.89	0.2968

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	13.835	372		0.93	0.3099
9	14.999	7179		14.49	4.8295
	15.152	9635	AR1248	5.84	1.9481
11	15.336	1408		2.84	0.9472
12	15.656	1099		3.08	1.0270
14	16.007	1303		3.65	1.2179
15	16.509	831		2.33	0.7765
16	16.848	365		1.02	0.3415
17	17.025	632		1.77	0.5909
18	17.210	1027		2.88	0.9598
19	18.537	7749		21.73	7.2441
20	19.405	7154		20.06	6.6873
21	20.054	5124		14.37	4.7896
22	22.218	3865		0.23	0.0765
23	23.509	1877		0.11	0.0371
24	23.888	410		0.02	0.0081
25	24.256	2959		0.18	0.0585
26	25.132	21392		1.27	0.4231
27	25.427	3763		0.22	0.0744
28	26.317	39789		2.36	0.7871
29	26.925	397		0.02	0.0078
30	27.412	4040		0.24	0.0799
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
31	29.188	23849		1.42	0.4718
		1266637		234.48	78.1603

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
13	15.823	2550	AR1248-4	7.15	2.3842
0	12.758	0	AR1248-1	0.00	0.0000
0	13.437	0	AR1248-2	0.00	0.0000
10	15.152	7085	AR1248-3	14.30	4.7660
		9635		21.45	7.1502

-1129-

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC05041.TX0

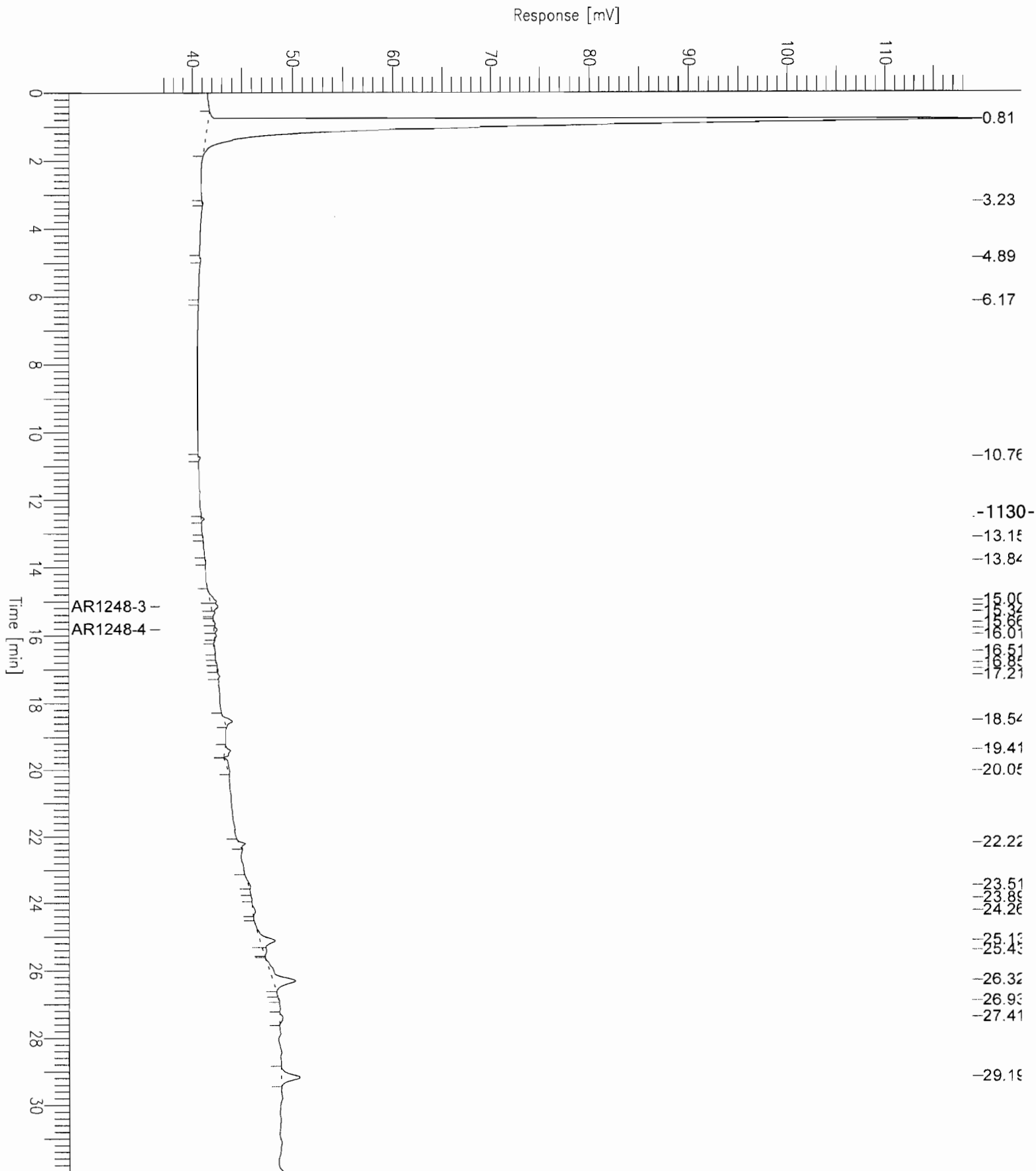
Chromatogram - ECD#1

Sample Name : hexane
FileName : C:\DATA65\Hc05041.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 37 mV

Sample #: 41
Date : 12/9/05 11:02 AM
Time of Injection: 12/6/05 06:13 PM
Low Point : 36.55 mV
Plot Scale: 82.4 mV
High Point : 118.92 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : ckpiblk

Time : 12/9/05 11:02 AM

Sample Number: 42

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/42

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:49 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05042.RAW

Result File : C:\DATA65\HC05042.RST

Inst Method : PCB2CH from C:\DATA65\HC05042.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1131-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 67

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.829	6878314		772.80	257.5996
2	3.222	3507		0.39	0.1313
3	3.645	2692		0.30	0.1008
4	3.810	891		0.10	0.0334
5	4.313	1365		0.15	0.0511
6	4.890	4157		0.47	0.1557
7	6.170	22528		2.53	0.8437
8	6.833	742		0.08	0.0278

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.100	205220	Tetrachloro-m-xylene	23.06	7.6857
10	8.058	706		0.08	0.0264
11	8.207	2202		0.25	0.0825
12	8.374	4857		0.55	0.1819
13	8.557	1460		0.16	0.0547
14	8.753	8348		0.94	0.3127
15	9.113	575		0.06	0.0215
16	9.310	3756		0.42	0.1407
17	9.556	2890		0.32	0.1083
18	9.706	3311		0.37	0.1240
19	9.805	3171		0.36	0.1188
20	10.349	1202		3.03	1.0093
21	10.460	1086		2.74	0.9119
22	10.759	8497		21.41	7.1362
23	11.087	3177		8.00	2.6679
24	11.367	2977		7.50	2.5005
25	11.671	2139		5.39	1.7964
26	11.766	1530		3.85	1.2847
27	12.074	242		0.61	0.2034
28	12.267	3199		8.06	2.6865
29	12.565	98032		247.00	82.3340
31	13.871	1377		3.45	1.1486
32	14.163	1163		2.91	0.9697
	15.142	15313	AR1248	9.29	3.0960
34	15.334	1566		3.16	1.0536
35	15.524	941		2.64	0.8795
37	15.991	1543		4.33	1.4422
38	16.472	1141		3.20	1.0664
39	17.024	925		2.59	0.8647
40	17.192	1491		4.18	1.3938
41	17.347	639		1.79	0.5973
42	17.715	1637		4.59	1.5300
43	18.016	412		1.15	0.3848
44	18.554	5722		16.05	5.3494
45	19.088	389		1.09	0.3633
46	19.231	490		1.37	0.4581
47	19.404	932		2.61	0.8712
48	19.571	72527		203.40	67.8002
49	20.082	413		1.16	0.3858
50	20.880	869		2.44	0.8125
51	21.034	526		1.48	0.4918
52	21.238	1226		3.44	1.1464
53	21.456	371		1.04	0.3467
54	22.211	118774		7.05	2.3495
55	22.813	5818		0.35	0.1151
56	23.875	4799		0.28	0.0949
57	24.578	583		0.03	0.0115
58	25.027	991		0.06	0.0196
59	25.260	1568		0.09	0.0310
60	25.781	1612		0.10	0.0319
61	26.411	16466		0.98	0.3257
62	26.743	6584		0.39	0.1302
63	27.474	2724		0.16	0.0539
64	27.715	380043	Decachlorobiphenyl	22.55	7.5176
65	28.283	5244		0.31	0.1037
66	29.119	1244		0.07	0.0246
67	29.562	1152		0.07	0.0228
		7931988		1420.85	473.6153

-1132-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
36	15.817	1241	AR1248-4	3.48	1.1598
0	12.758	0	AR1248-1	0.00	0.0000
30	13.470	2937	AR1248-2	7.35	2.4495
33	15.142	11135	AR1248-3	22.47	7.4904
		15313		33.30	11.0998

=====

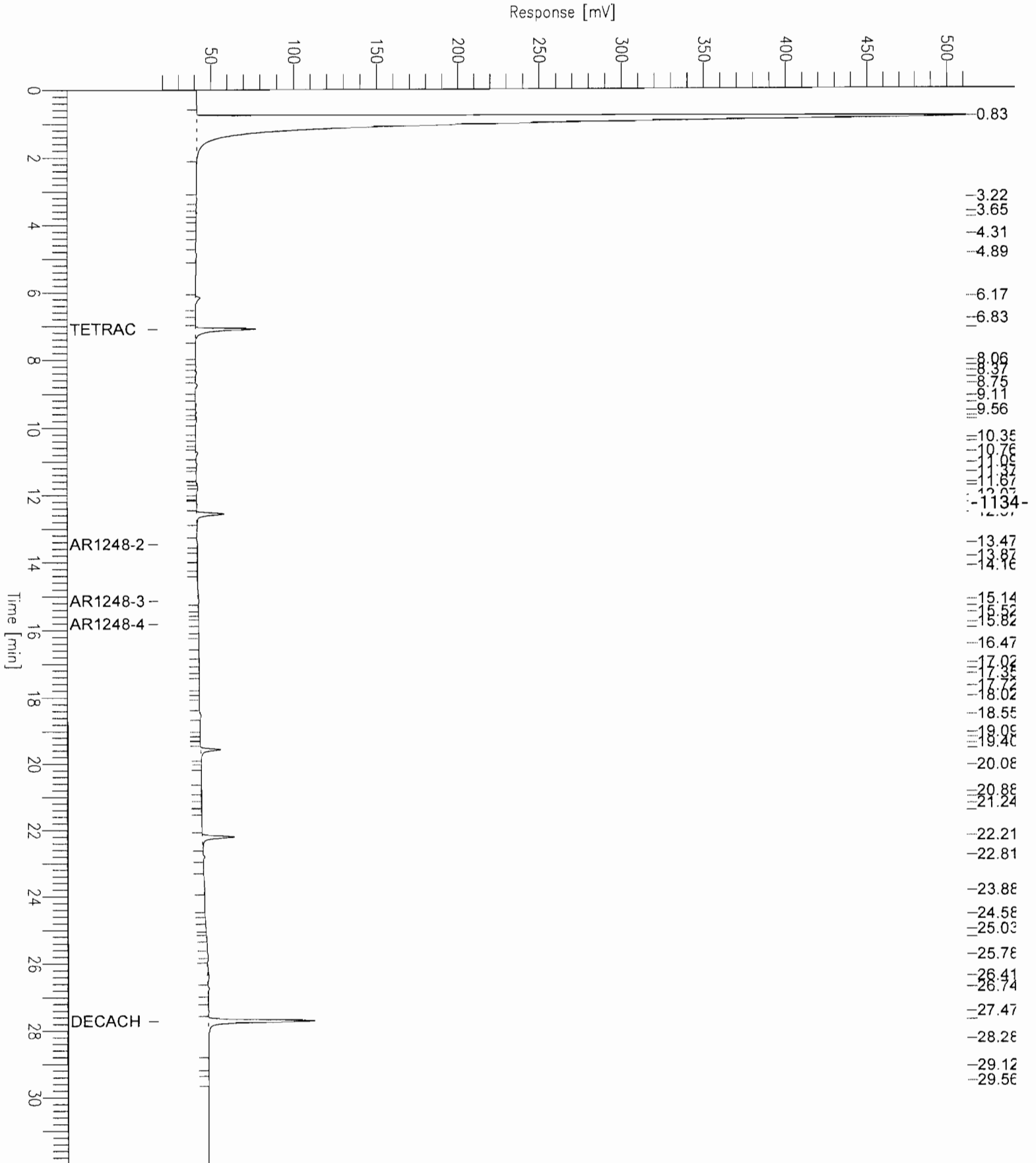
Report stored in ASCII file: C:\DATA65\HC05042.TX0

Chromatogram - ECD#1

Sample Name : ckpiblk
 FileName : C:\DATA65\Hc05042.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 17 mV

Sample #: 42
 Date : 12/9/05 11:02 AM
 Time of Injection: 12/6/05 06:49 PM
 Low Point : 16.90 mV
 Plot Scale: 495.1 mV
 High Point : 511.99 mV



PCB

UPSTATE LABORATORIES, INC.
CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column DB XLB

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/6/05

Time 7:25 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1254	1	15.04			250	249.27	99
	2	15.97			250	234.91	94
	3	17.34			250	221.52	89
	4	19.09			250	205.38	82
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date ~~12/6/05~~

Time ~~9:46 AM~~

-1135-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
	1				250		
	2				250		
	3				250		
	4				250		
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>

Sample Name : ar1254 250ppb

Time : 12/9/05 11:02 AM

Sample Number: 43

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/43

Interface Serial # : NONE Data Acquisition Time: 12/6/05 07:25 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05043.RAW

Result File : C:\DATA65\HC05043.RST

Inst Method : PCB2CH from C:\DATA65\HC05043.RST

Proc Method : C:\DATA65\H1254228.mth

Calib Method : C:\DATA65\H1254228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1136-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 63

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.813	524102		58.88	19.6281
2	3.237	567		0.06	0.0212
3	4.895	701		0.08	0.0263
4	6.171	724		0.08	0.0271
0	7.093	0	Tetrachloro-m-xylene	0.00	0.0000
5	9.705	2203		0.25	0.0825
6	10.346	319		0.04	0.0120
7	10.758	706		0.08	0.0264

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	11.680	5028		9.55	3.1838
9	12.198	337		0.64	0.2135
10	12.416	314		0.60	0.1990
11	12.565	3907		7.42	2.4742
12	12.780	73836		140.27	46.7554
13	12.950	21177		40.23	13.4100
14	13.098	2788		5.30	1.7654
15	13.459	33771		64.16	21.3852
16	13.616	2741		5.21	1.7355
17	13.794	2232		4.24	1.4132
18	14.092	12466		23.68	7.8938
19	14.491	312		0.59	0.1976
20	14.757	2610		4.96	1.6526
22	15.193	58465		111.07	37.0221
23	15.324	41925		79.64	26.5483
24	15.791	82226		117.31	39.1019
26	16.170	61975		88.42	29.4719
27	16.455	11938		17.03	5.6769
28	16.658	47275		67.44	22.4815
29	16.979	98007		131.66	43.8862
30	17.155	25740		34.58	11.5263
	17.338	619871	AR1254	225.70	75.2342
32	17.661	52340		70.31	23.4374
33	17.828	6870		9.23	3.0762
34	18.015	90108		121.05	40.3490
35	18.142	7253		9.74	3.2478
36	18.340	8620		11.13	3.7093
37	18.427	9143		11.80	3.9341
38	18.540	148042		191.11	63.7021
39	18.844	25991		33.55	11.1838
41	19.329	2994		3.87	1.2885
42	19.482	81713		105.48	35.1609
43	19.723	8882		11.47	3.8218
44	19.923	19058		24.60	8.2005
45	20.089	166436		214.85	71.6171
46	20.232	33794		43.62	14.5414
47	20.484	10073		13.00	4.3345
48	20.693	8015		10.35	3.4488
49	21.089	36561		47.20	15.7323
50	21.246	13222		17.07	5.6894
51	21.362	9414		12.15	4.0508
52	21.592	6611		8.53	2.8448
53	21.754	4343		5.61	1.8688
54	22.175	23869		30.81	10.2708
55	22.470	26790		34.58	11.5277
56	22.709	560		0.72	0.2408
57	23.476	22167		1.32	0.4385
58	23.643	5728		0.34	0.1133
59	23.792	3295		0.20	0.0652
60	24.893	1716		0.10	0.0339
61	25.684	1199		0.07	0.0237
62	26.353	6768		0.40	0.1339
63	27.505	1469		0.09	0.0291
0	27.693	0	Decachlorobiphenyl	0.00	0.0000
		2581304		2283.50	761.1682

-1137-

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
40	19.093	159096	AR1254-4	205.38	68.4590
21	15.041	131213	AR1254-1	249.27	83.0890
25	15.977	164663	AR1254-2	234.91	78.3045
31	17.338	164898	AR1254-3	221.52	73.8392
		619871		911.07	303.6916

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

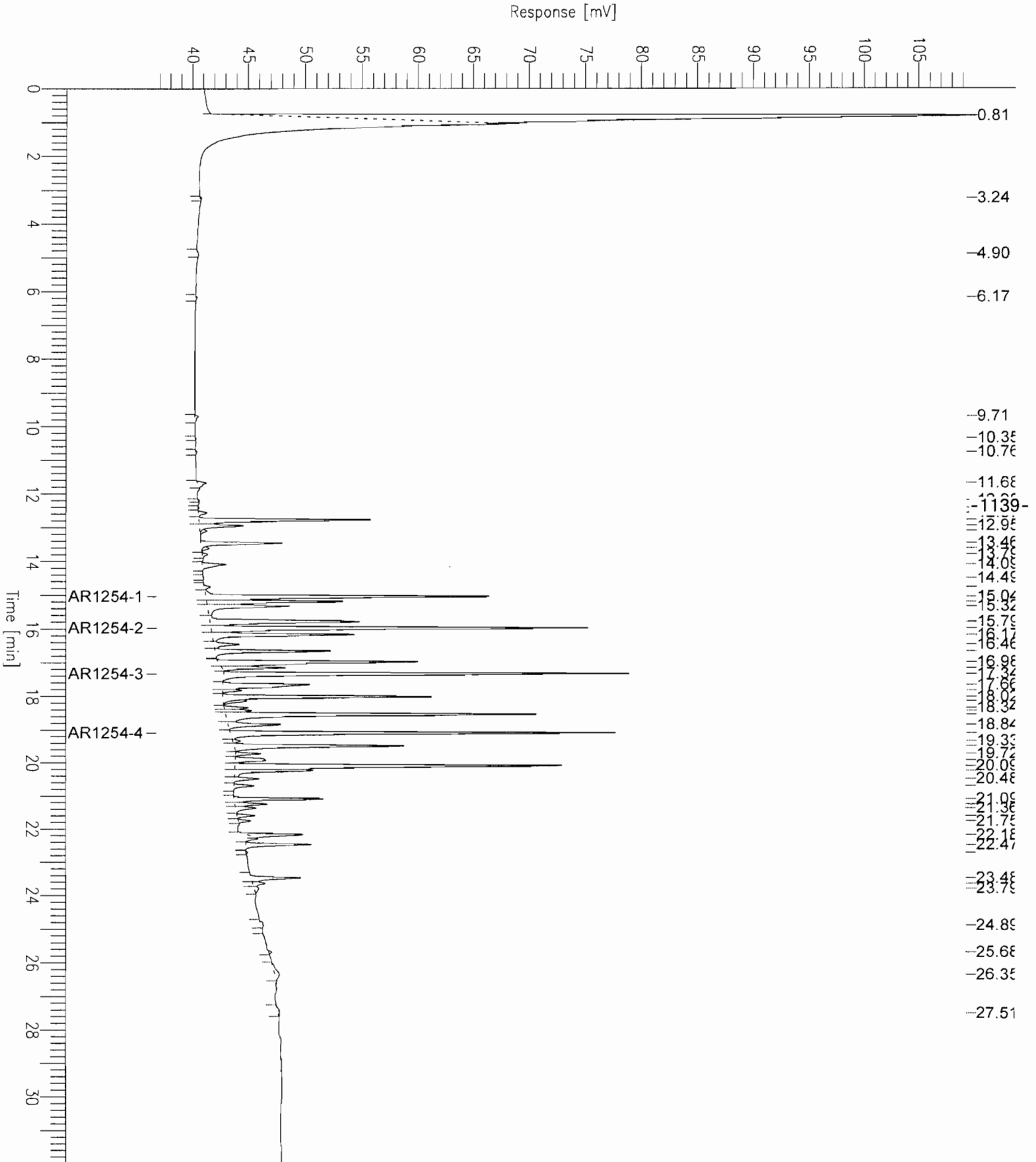
Report stored in ASCII file: C:\DATA65\HC05043.TX0

Chromatogram - ECD#1

Sample Name : ar1254 250ppb
FileName : C:\DATA65\Hc05043.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 37 mV

Sample #: 43
Date : 12/9/05 11:02 AM
Time of Injection: 12/6/05 07:25 PM
Low Point : 36.73 mV
Plot Scale: 72.6 mV
High Point : 109.33 mV



8D
ANALYTICAL SEQUENCE, COLUMN 2

Lab Name: Upstate Laboratories, Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

GC Column (1):RTX CLP 2 ID: 0.32(mm)

NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX1 RT (min)	DCB1 RT (min)
1	HEXANE	12/5/05	18:40		
	CKPIBLK	12/5/05	19:17	6.20	26.10
	AR1242 250PPB	12/5/05	19:53		
PBS	MB-5270	12/5/05	20:29	6.20	26.10
LCS	LCS-5270	12/5/05	21:05	6.20	26.10
SS-102	U0511380-001A	12/5/05	21:42	6.20	26.10
SS-102 DUP	U0511380-002A	12/5/05	22:18	6.20	26.10
SS-105	U0511380-003A	12/5/05	22:54	6.20	26.20
SS-106	U0511380-004A	12/5/05	23:30	6.20	26.10
SS-107	U0511380-005A	12/5/05	12:07	6.20	26.10
SS-108	U0511380-006A	12/6/05	12:43	6.20	26.10
SS-109 6"	U0511380-007A	12/6/05	1:19	6.20	26.10
SS-109 2'	U0511380-008A	12/6/05	1:55	6.20	26.10
SS-110 6"	U0511380-009A	12/6/05	2:32	6.20	26.10
SS-110 2'	U0511380-010A	12/6/05	3:08	6.20	26.10
SS-111	U0511380-011A	12/6/05	3:44	6.20	26.10
SS-112	U0511380-012A	12/6/05	4:20	6.20	26.10
SB-113 2'	U0511380-013A	12/6/05	4:57	6.20	26.10
SB-114 2'	U0511380-014A	12/6/05	5:33	6.20	26.10
SB-115 2'	U0511380-015A	12/6/05	6:09	6.20	26.10
SB-116 2'	U0511380-016A	12/6/05	6:45	6.20	26.10
SS-117	U0511380-017A	12/6/05	7:22	6.20	26.10
SS-118	U0511380-018A	12/6/05	7:58	6.20	26.10
	HEXANE	12/6/05	8:34		
	CKPIBLK	12/6/05	9:10	6.20	26.10
	AR1248 250PPB	12/6/05	9:46		
SS-119	U0511380-019A	12/6/04	10:23	6.20	26.10
SS-120	U0511380-020A	12/6/05	10:59	6.20	26.10
SS-121	U0511380-021A	12/6/05	11:35	6.20	26.10
SS-121MS	U0511380-021MS	12/6/05	12:11	6.20	26.10

-1140-

8D
ANALYTICAL SEQUENCE, COLUMN 2

Lab Name: Upstate Laboratories, Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

GC Column (1):RTX CLP 2 ID: 0.32(mm)

	NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX1 RT (min)	DCB1 RT (min)
1	SS-121MSD	U0511380-021MSD	12/6/05	12:47	6.20	26.10
	SS-122	U0511380-022A	12/6/05	13:23	6.20	26.10
	SS-123	U0511380-023A	12/6/05	14:00	6.20	26.10
	SS-124	U0511380-024A	12/6/05	14:36	6.20	26.10
	SS-125	U0511380-025A	12/6/05	15:12	6.20	26.10
	SS-126	U0511380-026A	12/6/05	15:48	6.20	26.10
	SS-127	U0511380-027A	12/6/05	16:24	6.20	26.10
	SS-128	U0511380-028A	12/6/05	17:00	6.20	26.20
	SS-129	U0511380-029A	12/6/05	17:36	6.20	26.10
	SS-130	U0511380-030A	12/6/05	18:13	6.20	26.10
		HEXANE	12/6/05	18:49		
		CKPIBLK	12/6/05	19:25	6.20	26.10
		AR1254 250PPB	12/6/05	20:02		

-1141-

Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 12/9/05 12:43 PM

Sample Number: 2

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/1

Interface Serial # : NONE Data Acquisition Time: 12/5/05 06:40 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05002.RAW

Result File : C:\DATA65\IC05002.RST

Inst Method : PCB2CH from C:\DATA65\IC05002.RST

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1142-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 14

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.336	2104273		86.71	28.9026
2	3.773	1614		0.07	0.0222
3	3.937	2343		0.10	0.0322
4	4.103	969		0.04	0.0133
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
5	6.811	1451		0.06	0.0199
-	10.765	0	AR1242	0.00	0.0000
6	11.040	12570		6.83	2.2755

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
7	12.697	10257		21.57	7.1910
8	14.395	7907		15.64	5.2146
9	17.556	78053		154.42	51.4731
10	19.638	27584		54.57	18.1902
11	21.469	10609		0.35	0.1152
12	22.789	1644		0.05	0.0178
13	23.631	2876		0.09	0.0312
0	26.053	0	Decachlorobiphenyl	0.00	0.0000
14	29.321	231379		7.54	2.5120
		2493526		348.03	116.0109

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	10.732	0	AR1242-1	0.00	0.0000
0	11.942	0	AR1242-2	0.00	0.0000
0	14.004	0	AR1242-3	0.00	0.0000
		0		0.00	0.0000

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\IC05002.TX0

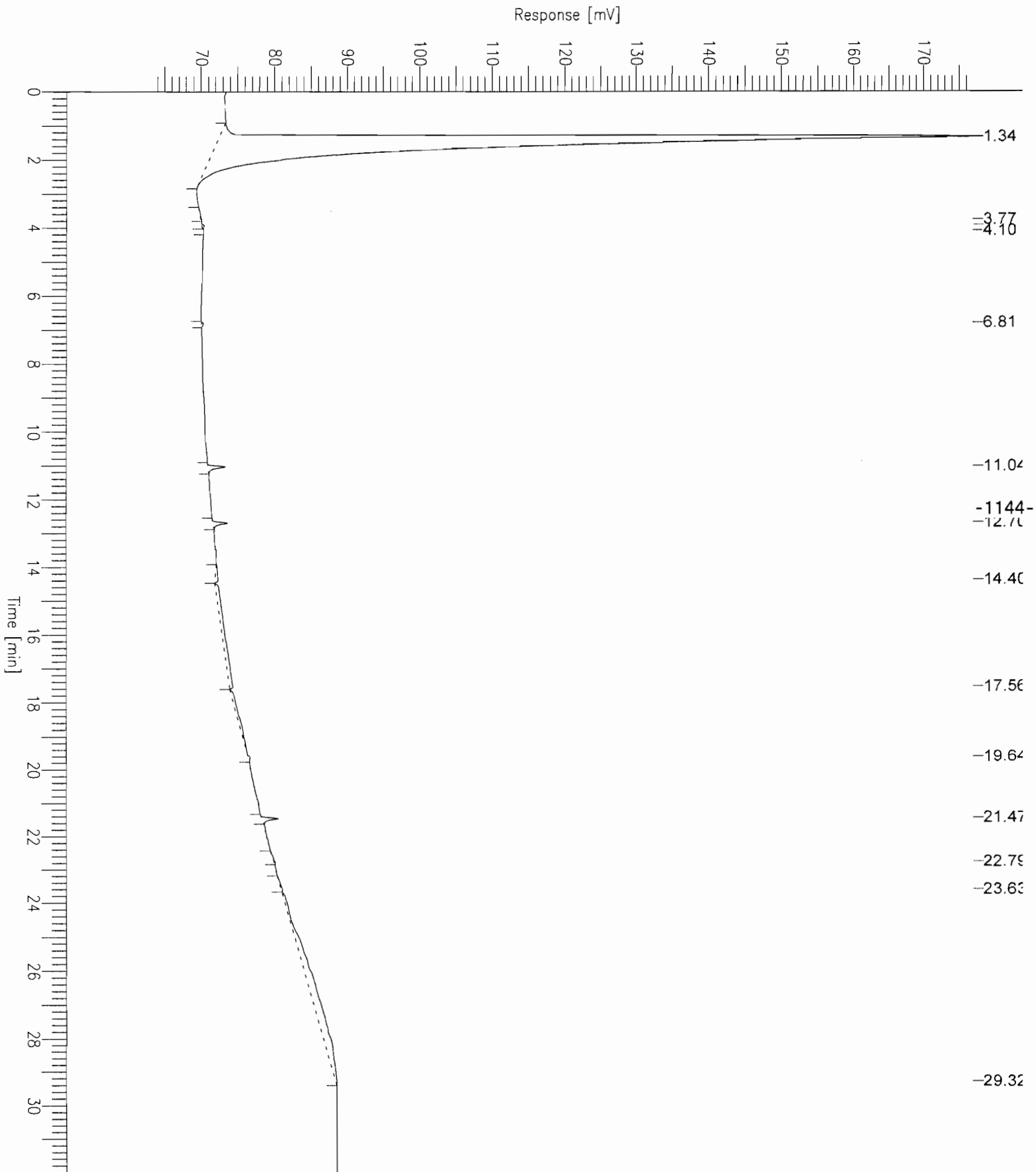
Chromatogram - ECD#1

Sample Name : HEXANE
FileName : C:\DATA65\Ic05002.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 64 mV

Sample #: 2
Date : 12/9/05 12:44 PM
Time of Injection: 12/5/05 06:40 PM
Low Point : 63.96 mV
Plot Scale: 112.9 mV
High Point : 176.86 mV

Page 1 of 1



Software Version: 4.1<2F12>
Sample Name : CKPIBLK 20PPB
Sample Number: 3
Operator : manager

Time : 12/9/05 12:44 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/2

Interface Serial # : NONE Data Acquisition Time: 12/5/05 07:17 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05003.RAW
Result File : C:\DATA65\IC05003.RST
Inst Method : PCB2CH from C:\DATA65\IC05003.RST
Proc Method : C:\DATA65\I1242228.mth
Calib Method : C:\DATA65\I1242228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1145-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 83

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.340	13887634		572.25	190.7496
2	3.059	3348		0.14	0.0460
3	3.487	1138		0.05	0.0156
4	3.570	10962		0.45	0.1506
5	3.942	9363		0.39	0.1286
6	4.895	998		0.04	0.0137
7	4.998	2391		0.10	0.0328
8	5.163	275		0.01	0.0038

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.440	1605		0.07	0.0220
10	6.193	631952	Tetrachloro-m-xylene	26.04	8.6800
11	6.811	51694		2.13	0.7100
12	7.164	5195		0.21	0.0714
13	7.382	4735		0.20	0.0650
14	7.618	781		0.03	0.0107
15	7.702	876		0.04	0.0120
16	7.821	9267		0.38	0.1273
17	8.040	16343		0.67	0.2245
18	8.170	5833		0.24	0.0801
19	8.712	8551		4.64	1.5480
20	9.174	14441		7.84	2.6143
21	9.360	12776		6.94	2.3129
22	9.717	8511		4.62	1.5408
23	9.845	5562		3.02	1.0069
24	9.949	6902		3.75	1.2496
25	10.109	4326		2.35	0.7831
26	10.486	13047		7.09	2.3620
	10.683	28478	AR1242	10.09	3.3636
28	10.931	1839		1.00	0.3329
29	11.039	36563		19.86	6.6192
30	11.283	1300		0.71	0.2354
31	11.484	2637		5.55	1.8487
32	11.851	7517		15.81	5.2699
34	12.694	212927		447.86	149.2856
35	13.112	11387		22.53	7.5095
36	13.587	776		1.54	0.5119
37	13.878	1338		2.65	0.8823
39	14.115	1582		3.13	1.0431
40	14.794	24752		48.97	16.3227
41	14.961	5151		10.19	3.3971
42	15.284	1726		3.41	1.1382
43	15.491	1298		2.57	0.8557
44	15.930	761		1.51	0.5017
45	16.303	1925		3.81	1.2692
46	16.427	1035		2.05	0.6824
47	16.586	260		0.52	0.1717
48	16.968	7112		14.07	4.6903
49	17.197	11042		21.84	7.2815
50	17.374	15045		29.76	9.9215
51	17.532	11827		23.40	7.7992
52	17.793	7303		14.45	4.8161
53	18.130	1792		3.55	1.1819
54	18.234	2215		4.38	1.4605
55	18.724	4725		9.35	3.1162
56	18.868	2119		4.19	1.3976
57	19.183	1693		3.35	1.1168
58	19.617	137683		272.39	90.7966
59	20.331	1267		0.04	0.0138
60	20.534	1394		0.05	0.0151
61	20.644	1809		0.06	0.0196
62	20.776	1011		0.03	0.0110
63	21.007	1403		0.05	0.0152
64	21.465	258566		8.42	2.8072
65	22.194	3502		0.11	0.0380
66	23.167	2260		0.07	0.0245
67	23.520	5579		0.18	0.0606
68	23.614	4923		0.16	0.0535
69	24.014	20773		0.68	0.2255
70	24.187	17094		0.56	0.1856
71	24.524	20231		0.66	0.2196
72	24.700	3610		0.12	0.0392
73	24.916	10555		0.34	0.1146
74	25.101	6237		0.20	0.0677
75	25.235	7562		0.25	0.0821
76	25.376	11708		0.38	0.1271
77	25.657	1956		0.06	0.0212
78	26.075	781328	Decachlorobiphenyl	25.45	8.4827
79	26.720	1874		0.06	0.0203
80	27.827	866		0.03	0.0094
81	28.093	1241		0.04	0.0135
82	28.930	5738		0.19	0.0623
83	29.854	904		0.03	0.0098
		16437707		1686.36	562.1197

-1146-

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
27	10.683	24393	AR1242-1	13.25	4.4160
33	11.964	3219	AR1242-2	6.77	2.2568
38	13.998	866	AR1242-3	1.71	0.5710
		28478		21.73	7.2438

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

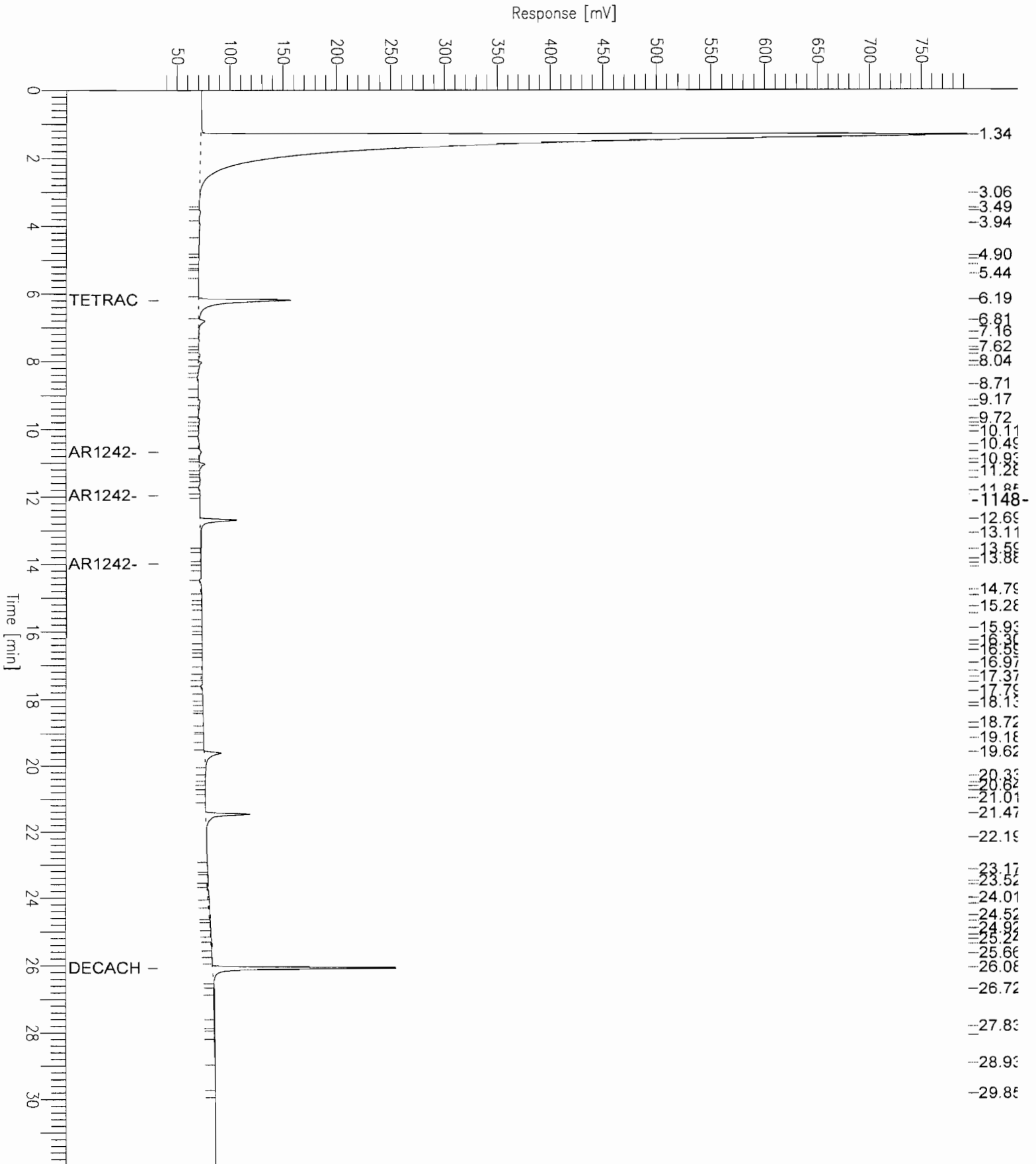
Report stored in ASCII file: C:\DATA65\IC05003.TX0

Chromatogram - ECD#1

Sample Name : CKPIBLK 20PPB
 FileName : C:\DATA65\Ic05003.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 33 mV

Sample #: 3
 Date : 12/9/05 12:44 PM
 Time of Injection: 12/5/05 07:17 PM
 Low Point : 32.58 mV
 High Point : 794.32 mV
 Plot Scale: 761.7 mV



PCB

UPSTATE LABORATORIES, INC.
CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column RTX CLP 2

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/5/05

Time 7:53 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	10.68			250	234.33	94
	2	11.96			250	275.02	110
	3	14.00			250	207.78	83
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date 12/6/05

Time 9:46 AM

-1149-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1248	1	10.68			250	231.04	93
	2	11.82			250	261.27	105
	3	12.71			250	224.08	90
	4	14.00			250	210.08	84
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>

Sample Name : ar1242 250ppb

Time : 12/9/05 12:44 PM

Sample Number: 4

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/3

Interface Serial # : NONE Data Acquisition Time: 12/5/05 07:53 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05004.RAW

Result File : C:\DATA65\IC05004.RST

Inst Method : PCB2CH from C:\DATA65\IC05004.RST

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1150-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 68

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.460	491		0.02	0.0068
2	1.338	79049		3.26	1.0857
3	3.111	577		0.02	0.0079
4	3.564	2202		0.09	0.0302
5	3.755	713		0.03	0.0098
6	3.936	1719		0.07	0.0236
7	4.884	1005		0.04	0.0138
0	6.255		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	6.611	15179		0.63	0.2085
9	6.806	12353		0.51	0.1697
10	7.164	19598		0.81	0.2692
11	7.623	21792		0.90	0.2993
12	7.818	143965		5.93	1.9774
13	8.548	24122		13.10	4.3669
14	9.173	262349		142.48	47.4939
15	9.525	7086		3.85	1.2827
16	9.849	47536		25.82	8.6056
17	9.953	117253		63.68	21.2266
18	10.338	23989		13.03	4.3427
19	10.410	27535		14.95	4.9848
	10.684	667249	AR1242	236.43	78.8100
21	11.129	191938		104.24	34.7471
22	11.471	65209		137.16	45.7191
23	11.561	53234		111.97	37.3232
24	11.827	117749		247.66	82.5550
26	12.082	118860		250.00	83.3345
27	12.707	188175		395.79	131.9316
28	12.833	82368		173.25	57.7491
29	13.114	159251		315.06	105.0198
30	13.398	3959		7.83	2.6106
31	13.602	34492		68.24	22.7460
32	13.774	56708		112.19	37.3968
34	14.137	179458		355.04	118.3456
35	14.370	20982		41.51	13.8367
36	14.498	2787		5.51	1.8382
37	14.580	11997		23.73	7.9113
38	14.783	43380		85.82	28.6076
39	14.900	124926		247.15	82.3838
40	15.024	62031		122.72	40.9068
41	15.517	4749		9.39	3.1316
42	15.719	27438		54.28	18.0940
43	15.921	30900		61.13	20.3771
44	16.105	17058		33.75	11.2491
45	16.310	65185		128.96	42.9870
46	16.651	2103		4.16	1.3871
47	16.764	655		1.30	0.4320
48	16.857	12803		25.33	8.4433
49	16.963	16668		32.98	10.9918
50	17.088	41602		82.30	27.4348
51	17.388	3282		6.49	2.1647
52	17.490	6324		12.51	4.1703
53	17.690	14748		29.18	9.7260
54	18.131	8857		17.52	5.8406
55	18.236	28955		57.28	19.0947
56	18.497	6874		13.60	4.5332
57	18.667	4507		8.92	2.9725
58	18.871	35470		70.17	23.3909
59	19.193	4391		8.69	2.8957
60	19.354	1240		2.45	0.8179
61	19.623	24611		48.69	16.2303
62	20.043	3017		0.10	0.0328
63	20.386	971		0.03	0.0105
64	20.656	1540		0.05	0.0167
65	21.013	2364		0.08	0.0257
66	21.469	49304		1.61	0.5353
67	22.235	2596		0.08	0.0282
0	26.053	0	Decachlorobiphenyl	0.00	0.0000
68	29.397	175308		5.71	1.9033
		3586788		4047.28	1349.0949

-1151-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
20	10.684	431468	AR1242-1	234.33	78.1100
25	11.959	130754	AR1242-2	275.02	91.6736
33	14.001	105026	AR1242-3	207.78	69.2607
		667249		717.13	239.0443

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====
Report stored in ASCII file: C:\DATA65\IC05004.TX0

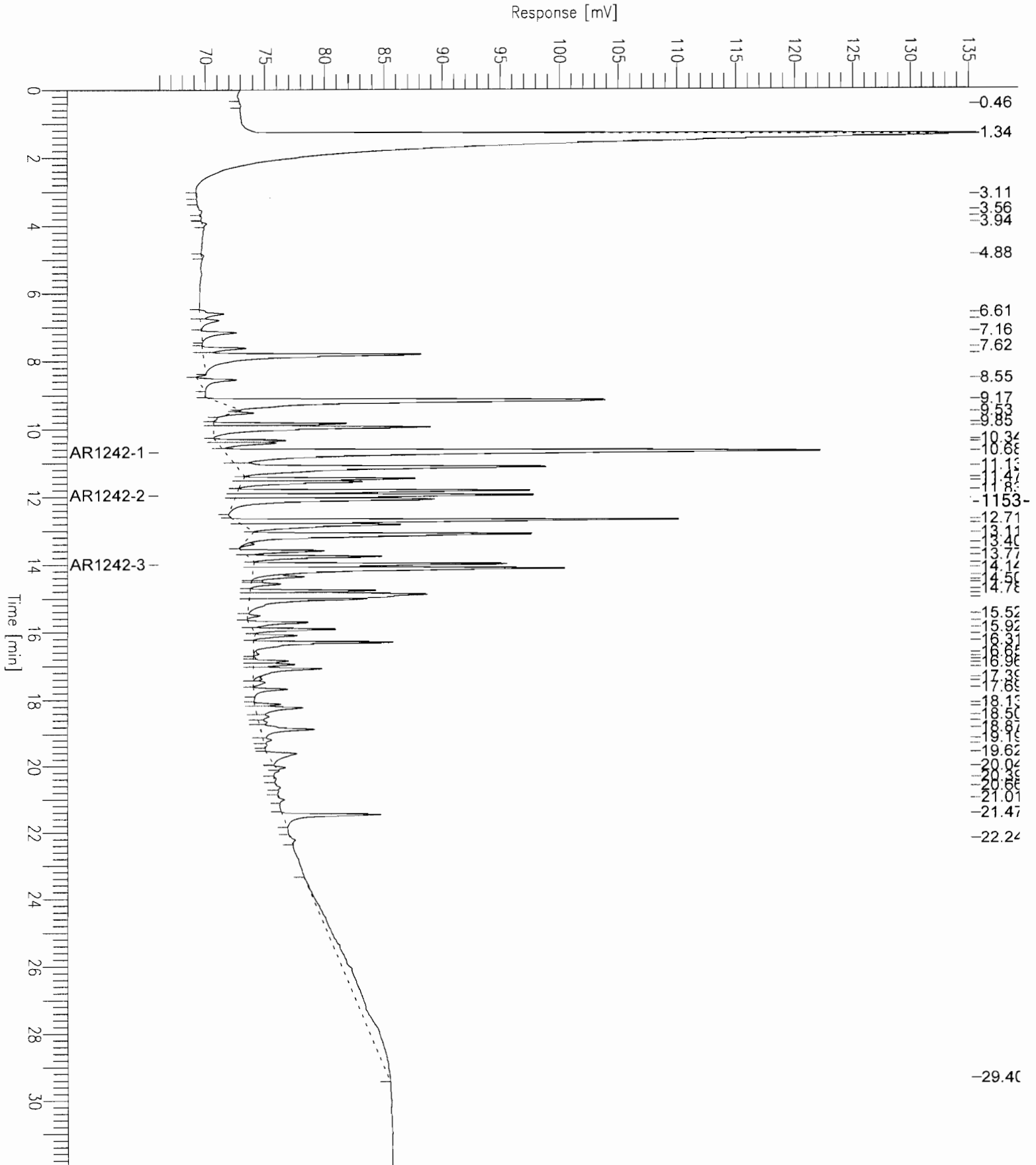
Chromatogram - ECD#1

Sample Name : ar1242 250ppb
FileName : C:\DATA65\Ic05004.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 66 mV

Sample #: 4
Date : 12/9/05 12:44 PM
Time of Injection: 12/5/05 07:53 PM
Low Point : 65.86 mV
Plot Scale: 69.2 mV
High Point : 135.06 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : hexane

Time : 12/9/05 12:46 PM

Sample Number: 25

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 12/6/05 08:34 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05025.RAW

Result File : C:\DATA65\IC05025.RST

Inst Method : PCB2CH from C:\DATA65\IC05025.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1154-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 36

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.561	1675		0.07	0.0230
2	1.333	616379		25.40	8.4661
3	3.755	451		0.02	0.0062
4	3.940	2009		0.08	0.0276
5	5.449	987		0.04	0.0136
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
6	6.799	510		0.02	0.0070
7	11.037	5960		4.81	1.6018

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
	12.696	7703	AR1248	1.89	0.6295
9	13.588	579		0.61	0.2048
10	13.755	707		0.75	0.2503
12	14.123	1224		1.30	0.4333
13	14.225	1560		1.66	0.5521
14	14.910	45894		48.73	16.2421
15	15.759	665		0.71	0.2353
16	16.311	4785		5.08	1.6933
17	16.966	775		0.82	0.2744
18	18.293	91024		96.64	32.2141
19	19.616	3316		3.52	1.1736
20	21.469	7189		0.23	0.0781
21	22.023	1357		0.04	0.0147
22	22.791	7183		0.23	0.0780
23	23.379	2137		0.07	0.0232
24	24.283	11971		0.39	0.1300
25	25.110	109218		3.56	1.1858
26	25.562	3585		0.12	0.0389
27	26.095	3033	Decachlorobiphenyl	0.10	0.0329
28	26.674	6492		0.21	0.0705
29	27.336	934		0.03	0.0101
30	27.655	3799		0.12	0.0412
31	28.031	6123		0.20	0.0665
32	28.468	1617		0.05	0.0176
33	29.347	4661		0.15	0.0506
34	29.885	1537		0.05	0.0167
35	30.227	4707		0.15	0.0511
36	30.780	13457		0.44	0.1461
		975202		198.30	66.0998

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
11	13.998	2155	AR1248-4	2.29	0.7627
0	10.682	0	AR1248-1	0.00	0.0000
0	11.829	0	AR1248-2	0.00	0.0000
8	12.696	5548	AR1248-3	5.04	1.6795
		7703		7.33	2.4422

-1155-

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

Report stored in ASCII file: C:\DATA65\IC05025.TX0

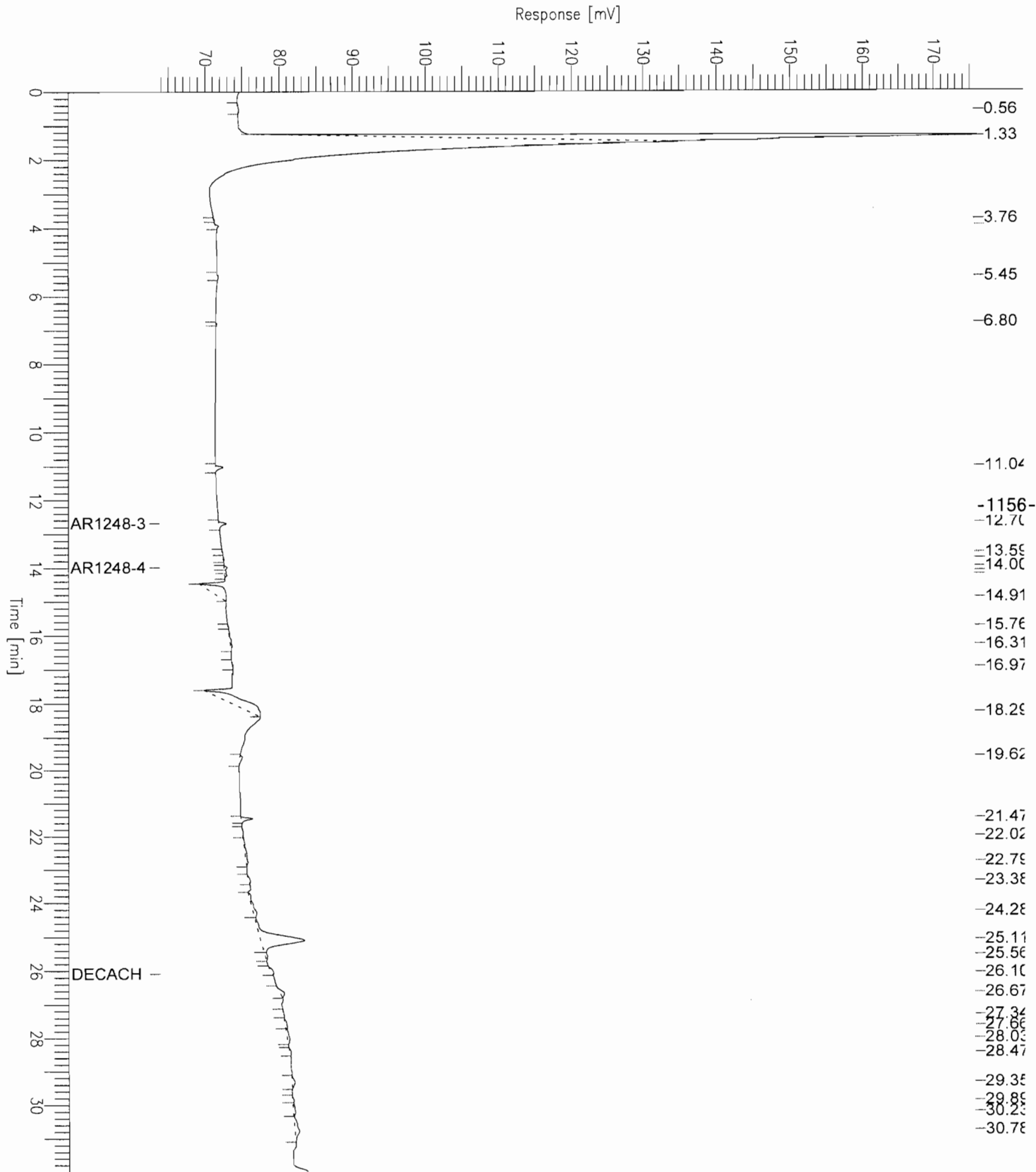
Chromatogram - ECD#1

Sample Name : hexane
FileName : C:\DATA65\Ic05025.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 64 mV

Sample #: 25
Date : 12/9/05 12:46 PM
Time of Injection: 12/6/05 08:34 AM
Low Point : 63.77 mV
Plot Scale: 111.7 mV
High Point : 175.49 mV

Page 1 of 1



Software Version: 4.1<2F12>
Sample Name : CKPIBLK 20PPB
Sample Number: 26
Operator : manager

Time : 12/9/05 12:46 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/25

Interface Serial # : NONE Data Acquisition Time: 12/6/05 09:10 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05026.RAW
Result File : C:\DATA65\IC05026.RST
Inst Method : PCB2CH from C:\DATA65\IC05026.RST
Proc Method : C:\DATA65\I1248228.mth
Calib Method : C:\DATA65\I1248228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1157-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 88

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.344	13609497		560.79	186.9294
2	3.056	2509		0.10	0.0345
3	3.478	1044		0.04	0.0143
4	3.569	10247		0.42	0.1407
5	3.946	7496		0.31	0.1030
6	4.993	3520		0.15	0.0484
7	5.160	298		0.01	0.0041
8	5.455	2319		0.10	0.0319

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.191	598052	Tetrachloro-m-xylene	24.64	8.2144
10	6.810	48005		1.98	0.6594
11	7.157	5167		0.21	0.0710
12	7.381	4345		0.18	0.0597
13	7.621	935		0.04	0.0128
14	7.700	1188		0.05	0.0163
15	7.821	10013		0.41	0.1375
16	8.039	17032		0.70	0.2339
17	8.167	6130		0.25	0.0842
18	8.722	20388		16.44	5.4796
19	8.940	13253		10.69	3.5621
20	9.182	26780		21.59	7.1978
21	9.363	24695		19.91	6.6373
22	9.718	11736		9.46	3.1544
23	9.841	7101		5.73	1.9084
24	9.947	8682		7.00	2.3335
25	10.109	4815		3.88	1.2942
26	10.492	11069		8.93	2.9751
28	10.935	382		0.31	0.1027
29	11.040	22402		18.06	6.0209
30	11.281	982		1.23	0.4112
31	11.484	2232		2.81	0.9351
33	11.960	2968		3.73	1.2433
	12.695	212592	AR1248	52.12	17.3728
35	13.120	11090		10.07	3.3570
36	13.597	797		0.85	0.2819
37	13.777	1870		1.99	0.6619
38	13.880	1343		1.43	0.4754
40	14.122	2348		2.49	0.8311
41	14.229	2292		2.43	0.8112
42	14.779	33974		36.07	12.0238
43	14.951	17618		18.70	6.2350
44	15.288	2628		2.79	0.9301
45	15.740	575		0.61	0.2034
46	15.923	1786		1.90	0.6322
47	16.305	1905		2.02	0.6741
48	16.421	626		0.66	0.2216
49	16.579	248		0.26	0.0879
50	16.966	2250		2.39	0.7962
51	17.085	400		0.43	0.1417
52	17.377	8444		8.97	2.9884
53	17.533	12454		13.22	4.4075
54	17.802	9299		9.87	3.2911
55	17.970	847		0.90	0.2998
56	18.126	2113		2.24	0.7478
57	18.228	3120		3.31	1.1040
58	18.720	822		0.87	0.2908
59	18.855	413		0.44	0.1461
60	19.173	1771		1.88	0.6266
61	19.341	428		0.45	0.1516
62	19.616	150584		159.88	53.2927
63	20.339	1202		0.04	0.0131
64	20.531	1254		0.04	0.0136
65	20.644	1971		0.06	0.0214
66	20.775	1088		0.04	0.0118
67	21.009	719		0.02	0.0078
68	21.464	213538		6.95	2.3183
69	22.199	847		0.03	0.0092
70	22.716	349		0.01	0.0038
71	22.781	270		0.01	0.0029
72	23.167	1787		0.06	0.0194
73	23.504	1682		0.05	0.0183
74	23.613	3365		0.11	0.0365
75	24.009	15126		0.49	0.1642
76	24.189	10307		0.34	0.1119
77	24.523	3043		0.10	0.0330
78	25.093	143770		4.68	1.5609
79	25.366	13201		0.43	0.1433
80	25.647	2332		0.08	0.0253
81	26.073	731975	Decachlorobiphenyl	23.84	7.9469
82	26.722	1132		0.04	0.0123
83	27.709	556		0.02	0.0060
84	28.059	873		0.03	0.0095
85	28.481	3475		0.11	0.0377
86	29.159	398		0.01	0.0043
87	29.853	503		0.02	0.0055
88	31.881	2519		0.08	0.0273

-1158-

16127205

1097.10

365.6990

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
39	14.004	1910	AR1248-4	2.03	0.6759
27	10.683	18757	AR1248-1	15.12	5.0414
32	11.855	7645	AR1248-2	9.61	3.2022
34	12.695	184280	AR1248-3	167.35	55.7845
		212592		194.11	64.7040

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

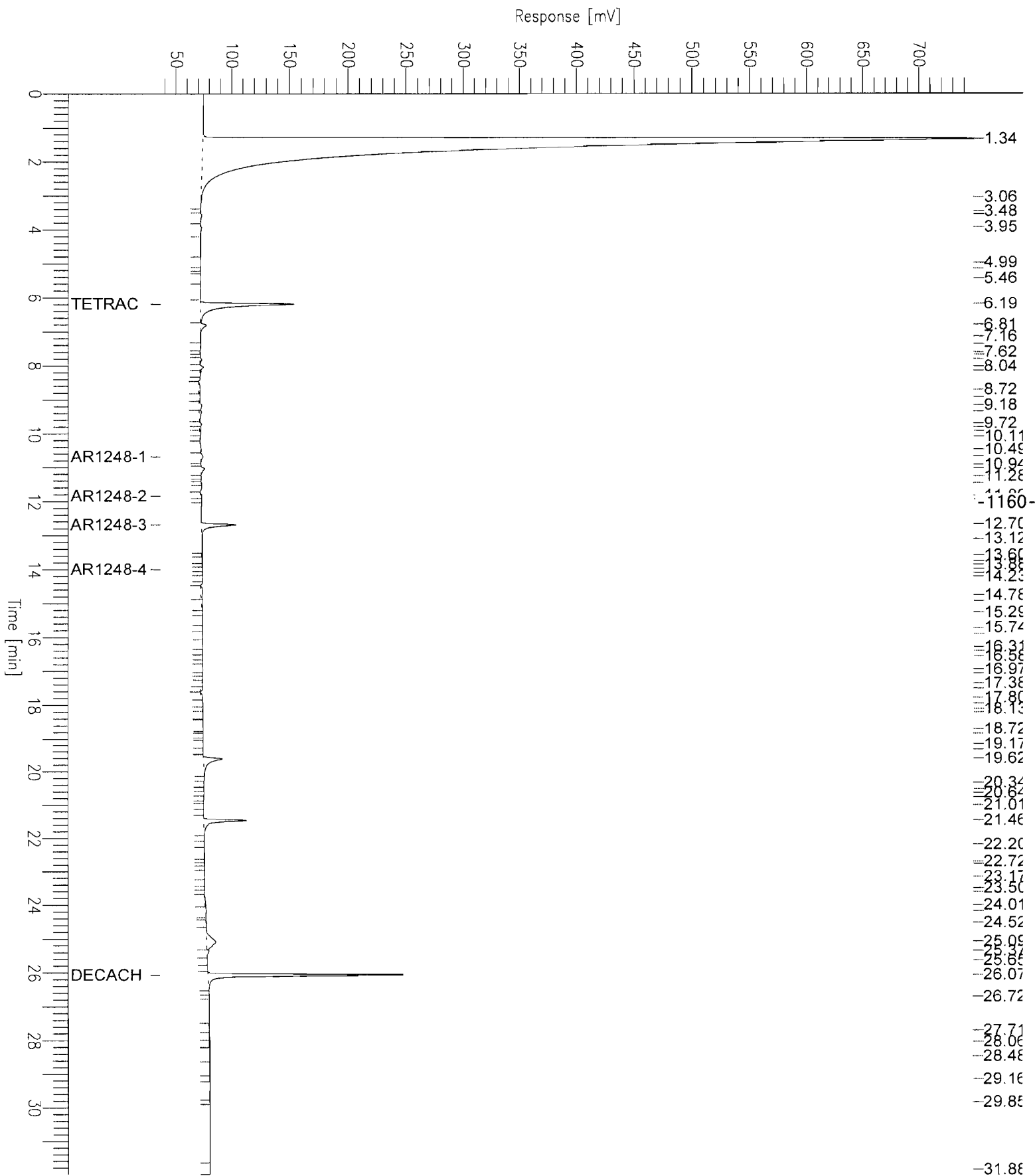
Report stored in ASCII file: C:\DATA65\IC05026.TX0

Chromatogram - ECD#1

Sample Name : CKPIBLK 20PPB
 FileName : C:\DATA65\Ic05026.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 37 mV

Sample #: 26
 Date : 12/9/05 12:47 PM
 Time of Injection: 12/6/05 09:10 AM
 Low Point : 36.62 mV
 Plot Scale: 711.5 mV
 High Point : 748.12 mV



PCB

UPSTATE LABORATORIES, INC.
CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column RTX CLP 2

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/5/05

Time 7:53 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	10.68			250	234.33	94
	2	11.96			250	275.02	110
	3	14.00			250	207.78	83
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date 12/6/05

Time 9:46 AM

-1161-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1248	1	10.68			250	231.04	93
	2	11.82			250	261.27	105
	3	12.71			250	224.08	90
	4	14.00			250	210.08	84
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>

Sample Name : ar1248 250ppb

Time : 12/9/05 12:47 PM

Sample Number: 27

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/26

Interface Serial # : NONE Data Acquisition Time: 12/6/05 09:46 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05027.RAW

Result File : C:\DATA65\IC05027.RST

Inst Method : PCB2CH from C:\DATA65\IC05027.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1162-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 81

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.529	2840		0.12	0.0390
2	1.338	697711		28.75	9.5832
3	1.515	709317		29.23	9.7426
4	3.757	780		0.03	0.0107
5	3.940	4925		0.20	0.0676
6	4.910	591		0.02	0.0081
7	6.177	286	Tetrachloro-m-xylene	0.01	0.0039
8	6.623	2114		0.09	0.0290

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.816	1779		0.07	0.0244
10	7.167	2564		0.11	0.0352
11	7.625	3703		0.15	0.0509
12	7.821	27426		1.13	0.3767
13	8.547	6561		5.29	1.7634
14	9.160	159560		128.65	42.8847
15	9.527	7948		6.41	2.1362
16	9.850	27511		22.18	7.3942
17	9.953	53934		43.49	14.4958
18	10.338	4890		3.94	1.3142
20	11.124	75651		61.00	20.3326
21	11.472	33211		41.73	13.9112
22	11.565	55641		69.92	23.3065
24	11.960	196274		246.64	82.2141
25	12.081	174399		219.15	73.0514
	12.710	939070	AR1248	230.22	76.7400
27	12.834	107073		97.24	32.4128
28	13.115	241588		219.40	73.1326
29	13.603	53675		56.99	18.9960
30	13.775	96534		102.49	34.1642
32	14.137	327149		347.34	115.7806
33	14.371	46081		48.93	16.3084
34	14.582	22733		24.14	8.0452
35	14.784	88900		94.39	31.4624
36	14.902	134426		142.72	47.5744
37	14.964	83856		89.03	29.6772
38	15.026	127674		135.55	45.1847
39	15.519	10159		10.79	3.5952
40	15.721	65910		69.98	23.3262
41	15.923	72430		76.90	25.6334
42	16.105	45447		48.25	16.0842
43	16.312	140761		149.45	49.8166
44	16.648	2465		2.62	0.8723
45	16.760	597		0.63	0.2114
46	16.859	31483		33.43	11.1420
47	16.962	20064		21.30	7.1009
48	17.090	73629		78.17	26.0578
49	17.495	6056		6.43	2.1432
50	17.693	17161		18.22	6.0733
51	18.132	9529		10.12	3.3724
52	18.241	65767		69.83	23.2753
53	18.486	7628		8.10	2.6996
54	18.660	4503		4.78	1.5935
55	18.872	30633		32.52	10.8414
56	19.182	6292		6.68	2.2268
57	19.353	1705		1.81	0.6032
58	19.625	2820		2.99	0.9981
59	19.703	4071		4.32	1.4409
60	20.043	4975		5.28	1.7607
61	20.148	5284		0.17	0.0574
62	20.385	1970		0.06	0.0214
63	20.644	2328		0.08	0.0253
64	20.765	846		0.03	0.0092
65	21.015	8274		0.27	0.0898
66	21.241	381		0.01	0.0041
67	21.471	14707		0.48	0.1597
68	21.707	13465		0.44	0.1462
69	22.209	4367		0.14	0.0474
70	22.342	673		0.02	0.0073
71	22.790	812		0.03	0.0088
72	23.170	358		0.01	0.0039
73	23.591	1728		0.06	0.0188
74	24.167	3672		0.12	0.0399
75	24.954	843		0.03	0.0091
76	25.231	1475		0.05	0.0160
77	25.396	208		0.01	0.0023
78	26.063	7398		0.24	0.0803
0	26.165	0	Decachlorobiphenyl	0.00	0.0000
79	29.037	51800		1.69	0.5624
80	30.122	2063		0.07	0.0224
81	30.829	700		0.02	0.0076
		5265811		3163.38	1054.4616

-1163-

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
31	14.002	197872	AR1248-4	210.08	70.0283
19	10.682	286540	AR1248-1	231.04	77.0130
23	11.829	207916	AR1248-2	261.27	87.0907
26	12.710	246742	AR1248-3	224.08	74.6930
		939070		926.48	308.8250

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

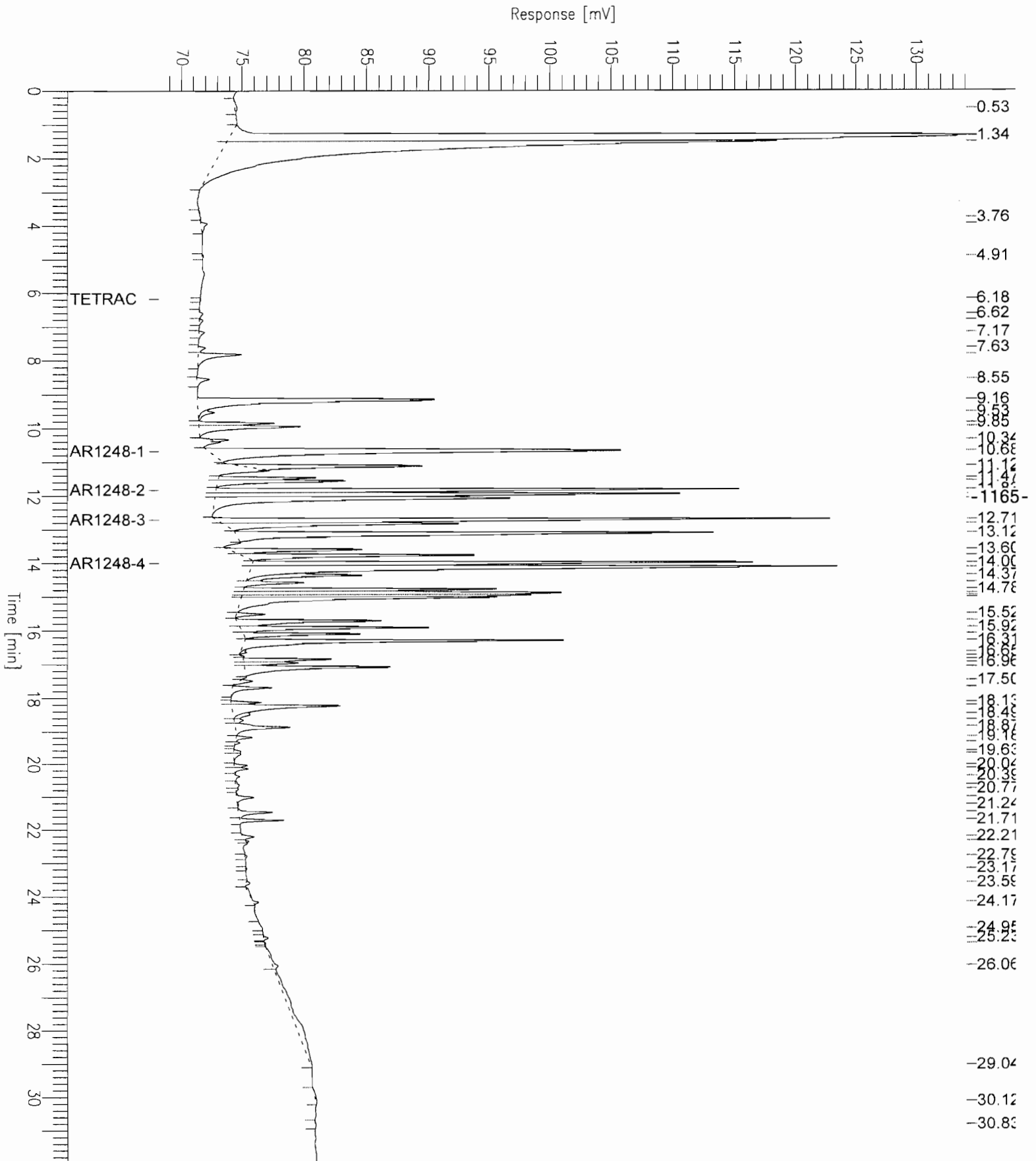
Report stored in ASCII file: C:\DATA65\IC05027.TX0

Chromatogram - ECD#1

Sample Name : ar1248 250ppb
 FileName : C:\DATA65\Ic05027.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 68 mV

Sample #: 27
 Date : 12/9/05 12:47 PM
 Time of Injection: 12/6/05 09:46 AM
 Low Point : 68.11 mV
 High Point : 134.09 mV
 Plot Scale: 66.0 mV



Software Version: 4.1<2F12>

Sample Name : hexane

Time : 12/9/05 12:49 PM

Sample Number: 42

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/41

Interface Serial # : NONE Data Acquisition Time: 12/6/05 06:49 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05042.RAW

Result File : C:\DATA65\IC05042.RST

Inst Method : PCB2CH from C:\DATA65\IC05042.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1166-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 52

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.483	9854		0.41	0.1354
2	1.332	2121673		87.42	29.1416
3	3.937	4093		0.17	0.0562
4	5.454	1595		0.07	0.0219
0	6.255	0	Tetrachloro-m-xylene	0.00	0.0000
5	6.800	518		0.02	0.0071
7	11.041	2909		2.35	0.7819
8	11.373	327		0.41	0.1372

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	12.315	2175		1.98	0.6583
	12.705	9543	AR1248	2.34	0.7799
11	13.128	546		0.50	0.1653
12	13.580	806		0.86	0.2851
13	13.760	2133		2.27	0.7550
15	14.135	3539		3.76	1.2526
16	14.779	35600		37.80	12.5990
17	14.883	13055		13.86	4.6202
18	15.534	516		0.55	0.1828
19	15.738	1062		1.13	0.3758
20	15.921	1016		1.08	0.3595
21	16.141	1770		1.88	0.6263
22	16.300	701		0.74	0.2482
23	16.945	3369		3.58	1.1921
24	17.068	2218		2.35	0.7849
25	18.223	75996		80.69	26.8955
26	18.631	13252		14.07	4.6899
27	19.615	1724		1.83	0.6101
28	20.092	295		0.31	0.1043
29	20.960	2438		0.08	0.0265
30	21.319	731		0.02	0.0079
31	21.473	6095		0.20	0.0662
32	22.190	3572		0.12	0.0388
33	22.476	2682		0.09	0.0291
34	22.800	1189		0.04	0.0129
35	23.038	482		0.02	0.0052
36	23.434	4391		0.14	0.0477
37	23.785	1457		0.05	0.0158
38	24.352	53002		1.73	0.5754
39	25.119	22851		0.74	0.2481
40	25.389	5419		0.18	0.0588
41	25.598	3819		0.12	0.0415
42	25.981	15174		0.49	0.1647
43	26.264	4431	Decachlorobiphenyl	0.14	0.0481
44	26.668	14113		0.46	0.1532
45	27.591	6099		0.20	0.0662
46	27.886	1262		0.04	0.0137
47	28.431	3812		0.12	0.0414
48	29.056	2506		0.08	0.0272
49	29.383	3922		0.13	0.0426
50	29.889	3442		0.11	0.0374
51	30.253	14363		0.47	0.1559
52	30.811	4032		0.13	0.0438
		2491567		268.30	89.4344

-1167-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
14	13.999	3538	AR1248-4	3.76	1.2523
6	10.691	730	AR1248-1	0.59	0.1961
0	11.829	0	AR1248-2	0.00	0.0000
10	12.705	5275	AR1248-3	4.79	1.5969
		9543		9.14	3.0453

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\IC05042.TX0

Chromatogram - ECD#1

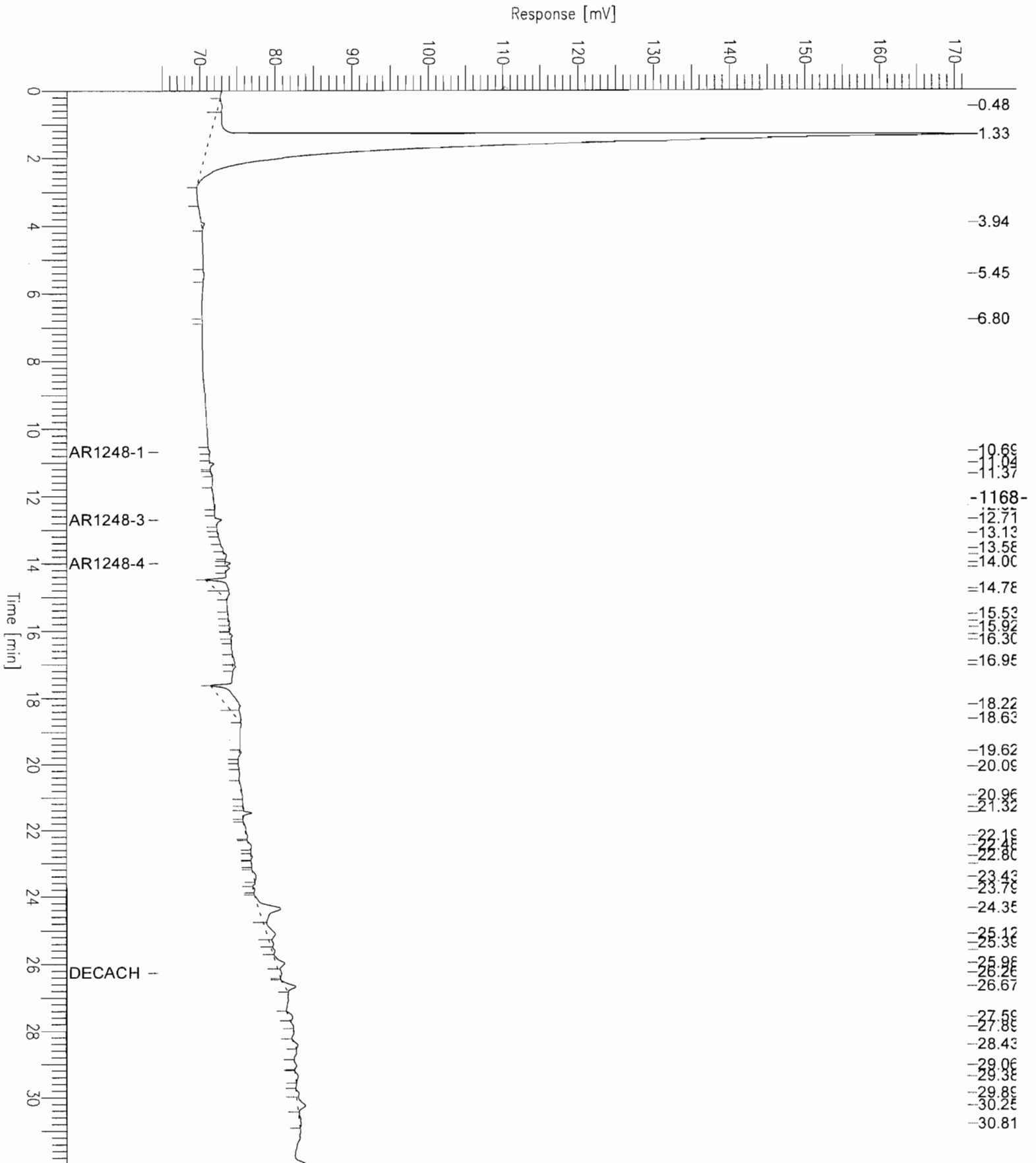
Sample Name : hexane
FileName : C:\DATA65\Ic05042.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 65 mV

Sample #: 42
Date : 12/9/05 12:49 PM
Time of Injection: 12/6/05 06:49 PM
Low Point : 64.50 mV
Plot Scale: 107.2 mV

Page 1 of 1

High Point : 171.73 mV



Software Version: 4.1<2F12>

Sample Name : CKPIBLK 20PPB

Time : 12/9/05 12:49 PM

Sample Number: 43

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/42

Interface Serial # : NONE Data Acquisition Time: 12/6/05 07:25 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05043.RAW

Result File : C:\DATA65\IC05043.RST

Inst Method : PCB2CH from C:\DATA65\IC05043.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1169-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 89

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.549	8390		0.35	0.1152
2	1.342	13647546		562.36	187.4520
3	3.057	2876		0.12	0.0395
4	3.485	1105		0.05	0.0152
5	3.571	10939		0.45	0.1503
6	3.946	8263		0.34	0.1135
7	4.886	971		0.04	0.0133
8	4.996	2421		0.10	0.0332

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.160	263		0.01	0.0036
10	5.469	2475		0.10	0.0340
11	6.194	626381	Tetrachloro-m-xylene	25.81	8.6035
12	6.812	47364		1.95	0.6506
13	7.162	4398		0.18	0.0604
14	7.381	4169		0.17	0.0573
15	7.622	778		0.03	0.0107
16	7.710	901		0.04	0.0124
17	7.824	9412		0.39	0.1293
18	8.042	17008		0.70	0.2336
19	8.171	6027		0.25	0.0828
20	8.704	7657		6.17	2.0579
21	9.175	13731		11.07	3.6904
22	9.366	11383		9.18	3.0594
23	9.722	7769		6.26	2.0880
24	9.849	5423		4.37	1.4576
25	9.949	7033		5.67	1.8904
26	10.115	4411		3.56	1.1856
27	10.491	11965		9.65	3.2158
29	11.043	24209		19.52	6.5065
30	11.285	1042		1.31	0.4364
31	11.493	2609		3.28	1.0929
33	11.966	3342		4.20	1.3999
34	12.510	324		0.29	0.0982
	12.698	222615	AR1248	54.58	18.1919
36	13.121	10747		9.76	3.2534
37	13.592	866		0.92	0.3066
38	13.768	2825		3.00	0.9999
39	13.883	1801		1.91	0.6374
41	14.127	3037		3.22	1.0749
42	14.230	7152		7.59	2.5310
43	14.789	77034		81.79	27.2629
44	14.967	28789		30.57	10.1887
45	15.293	1359		1.44	0.4810
46	15.726	708		0.75	0.2507
47	15.932	1114		1.18	0.3943
48	16.176	651		0.69	0.2303
49	16.301	1062		1.13	0.3757
50	16.418	788		0.84	0.2788
51	16.586	158		0.17	0.0560
52	16.969	16018		17.01	5.6689
53	17.083	32201		34.19	11.3963
54	17.377	44041		46.76	15.5866
55	17.535	32639		34.65	11.5512
56	18.136	103596		109.99	36.6636
57	18.227	29733		31.57	10.5229
58	18.729	12192		12.94	4.3147
59	18.866	403		0.43	0.1425
60	19.181	1597		1.70	0.5653
61	19.346	405		0.43	0.1432
62	19.620	149901		159.15	53.0510
63	20.348	1239		0.04	0.0135
64	20.539	1330		0.04	0.0144
65	20.652	2137		0.07	0.0232
66	20.775	1169		0.04	0.0127
67	21.009	302		0.01	0.0033
68	21.469	218456		7.12	2.3717
69	22.208	1572		0.05	0.0171
70	22.348	1427		0.05	0.0155
71	22.788	3829		0.12	0.0416
72	23.169	2723		0.09	0.0296
73	23.519	338		0.01	0.0037
74	24.016	16997		0.55	0.1845
75	24.192	6054		0.20	0.0657
76	24.530	3061		0.10	0.0332
77	25.115	29140		0.95	0.3164
78	25.232	12554		0.41	0.1363
79	25.375	13725		0.45	0.1490
80	25.657	1875		0.06	0.0204
81	26.081	771536	Decachlorobiphenyl	25.13	8.3764
82	26.737	15960		0.52	0.1733
83	27.096	124		0.00	0.0014
84	27.719	535		0.02	0.0058
85	28.662	6229		0.20	0.0676
86	29.402	891		0.03	0.0097
87	29.858	890		0.03	0.0097
88	30.527	617		0.02	0.0067
89	31.260	1191		0.04	0.0129

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
40	14.002	3806	AR1248-4	4.04	1.3469
28	10.686	19757	AR1248-1	15.93	5.3102
32	11.859	8109	AR1248-2	10.19	3.3966
35	12.698	190943	AR1248-3	173.40	57.8015
		222615		203.57	67.8552

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

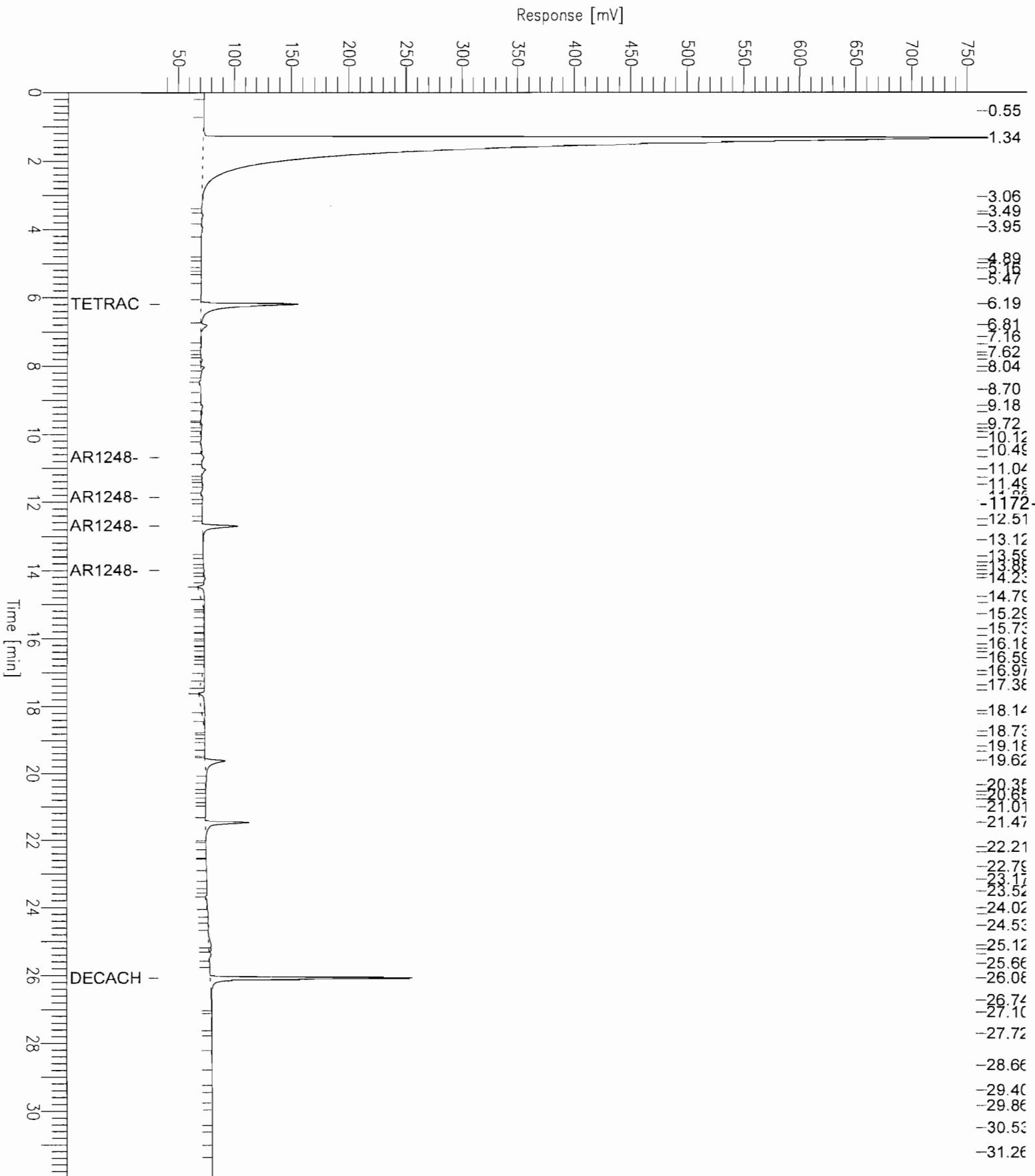
Report stored in ASCII file: C:\DATA65\IC05043.TX0

Chromatogram - ECD#1

Sample Name : CKPIBLK 20PPB
 FileName : C:\DATA65\Ic05043.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 34 mV

Sample #: 43
 Date : 12/9/05 12:49 PM
 Time of Injection: 12/6/05 07:25 PM
 Low Point : 33.53 mV
 Plot Scale: 725.8 mV
 High Point : 759.36 mV



PCB

UPSTATE LABORATORIES, INC. CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column RTX CLP 2

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/6/05

Time 8:02 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1254	1	11.83			250	272.95	109
	2	14.12			250	276.14	110
	3	14.79			250	257.92	103
	4	16.31			250	242.20	97
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date

Time

-1173-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
	1				250		
	2				250		
	3				250		
	4				250		
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>
Sample Name : ar1254 250ppb
Sample Number: 44
Operator : manager

Time : 12/9/05 12:49 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/43

Interface Serial # : NONE Data Acquisition Time: 12/6/05 08:02 PM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05044.RAW
Result File : C:\DATA65\IC05044.RST
Inst Method : PCB2CH from C:\DATA65\IC05044.RST
Proc Method : C:\DATA65\I1254228.mth
Calib Method : C:\DATA65\I1254228.mth
Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1174-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 77

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.504	3217		0.13	0.0442
2	1.334	443464		18.27	6.0911
3	1.449	145723		6.00	2.0015
4	1.515	635704		26.19	8.7315
5	3.939	2144		0.09	0.0295
6	5.464	1923		0.08	0.0264
0	6.178	0	Tetrachloro-m-xylene	0.00	0.0000
7	6.816	2182		0.09	0.0300

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	8.594	736		0.03	0.0101
9	9.158	5208		8.21	2.7354
10	9.855	983		1.55	0.5162
11	9.950	1744		2.75	0.9161
12	10.358	613		0.97	0.3218
13	10.681	14314		22.56	7.5185
14	11.108	9713		15.31	5.1017
15	11.261	1728		2.72	0.9074
16	11.474	1742		2.74	0.9149
17	11.572	4142		6.53	2.1754
19	11.960	84928		133.82	44.6081
20	12.713	117098		184.52	61.5054
21	13.118	44349		33.56	11.1872
22	13.322	2754		2.08	0.6947
23	13.606	7570		5.73	1.9096
24	13.777	31280		23.67	7.8903
25	14.004	101591		76.88	25.6266
27	14.376	60053		45.45	15.1484
28	14.587	81767		54.82	18.2728
30	14.980	125522		84.15	28.0509
31	15.031	185463		124.34	41.4461
32	15.218	13393		8.98	2.9929
33	15.523	20799		13.94	4.6480
34	15.724	126971		80.00	26.6653
35	15.925	191924		120.92	40.3061
36	16.113	40584		25.57	8.5232
37	16.155	40128		25.28	8.4273
	16.314	1307261	AR1254	259.64	86.5472
39	16.426	80312		50.60	16.8665
40	16.658	53765		33.87	11.2912
41	16.771	13159		8.29	2.7636
42	16.862	37200		23.44	7.8123
43	16.967	224494		141.44	47.1462
44	17.093	306245		192.94	64.3148
45	17.396	32973		20.77	6.9248
46	17.487	70819		44.62	14.8728
47	17.694	251358		158.36	52.7880
48	18.135	138267		87.11	29.0376
49	18.234	221466		139.53	46.5102
50	18.501	50916		32.08	10.6928
51	18.666	35505		22.37	7.4565
52	18.876	540340		340.43	113.4774
53	19.191	74500		46.94	15.6458
54	19.355	32656		20.57	6.8580
55	19.621	3713		2.34	0.7798
56	19.716	25119		15.83	5.2754
57	20.046	83931		52.88	17.6264
58	20.147	47254		29.77	9.9238
59	20.387	18052		11.37	3.7910
60	20.562	10274		6.47	2.1576
61	20.645	47488		29.92	9.9729
62	20.760	16153		10.18	3.3922
63	20.915	8323		5.24	1.7479
64	21.018	84225		53.06	17.6882
65	21.229	5055		0.16	0.0549
66	21.473	13759		0.45	0.1494
67	22.233	73523		2.39	0.7982
68	22.799	1827		0.06	0.0198
69	23.067	2603		0.08	0.0283
70	23.594	2811		0.09	0.0305
71	24.168	10623		0.35	0.1153
72	25.238	1409		0.05	0.0153
73	26.074	5161	Decachlorobiphenyl	0.17	0.0560
74	26.873	7049		0.23	0.0765
75	27.379	501		0.02	0.0054
76	28.427	7321		0.24	0.0795
77	29.361	1067		0.03	0.0116
		6499926		3002.33	1000.7760

-1175-

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
38	16.314	384429	AR1254-4	242.20	80.7343

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	11.831	173218	AR1254-1	272.95	90.9824
26	14.121	364902	AR1254-2	276.14	92.0472
29	14.786	384712	AR1254-3	257.92	85.9731
		1307261		1049.21	349.7369

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

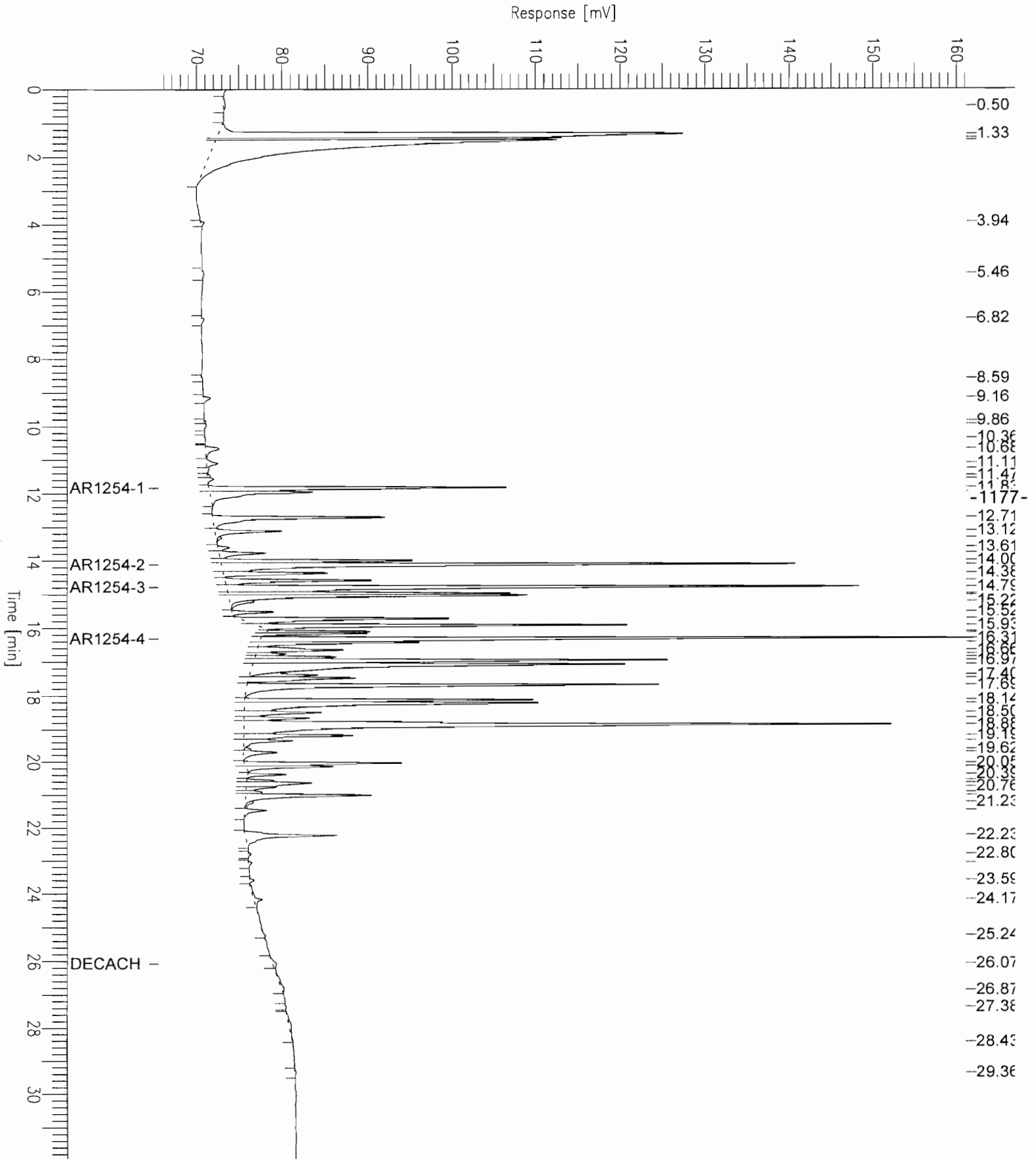
Report stored in ASCII file: C:\DATA65\IC05044.TX0

Chromatogram - ECD#1

Sample Name : ar1254 250ppb
FileName : C:\DATA65\Ic05044.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 65 mV

Sample #: 44
Date : 12/9/05 12:49 PM
Time of Injection: 12/6/05 08:02 PM
Low Point : 65.43 mV
Plot Scale: 95.8 mV
High Point : 161.18 mV



8D
ANALYTICAL SEQUENCE, COLUMN 1

Lab Name: Upstate Laboratories, Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

GC Column (1): DB XLB ID: 0.32(mm)

NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX1 RT(min)	DCB1 RT(min)
1	HEXANE	12/9/05	14:20		
	CKPIBLK	12/9/05	14:57	7.10	27.70
	AR1254 250PPB	12/9/05	15:33		
SS-102	U0511380-001A	12/9/05	16:09	7.10	27.70
SS-102 DUP	U0511380-002A	12/9/05	16:45	7.10	27.70
SS-105	U0511380-003A	12/9/05	17:22	7.10	27.70
SS-109 6"	U0511380-007A	12/9/05	17:58	7.10	27.70
SB-116 2'	U0511380-016A	12/9/05	18:34	7.10	27.70
SS-117	U0511380-017A	12/9/05	19:10	7.10	27.70
SS-118	U0511380-018A	12/9/05	19:47	7.10	27.70
SS-119	U0511380-019A	12/9/05	20:23	7.10	27.70
SS-120	U0511380-020A	12/9/05	20:59	7.10	27.70
SS-121	U0511380-021A	12/9/05	21:36	7.10	27.70
SS-121MS	U0511380-021MS	12/9/05	22:12	7.10	27.70
SS-121MSD	U0511380-021MSD	12/9/05	22:48	7.10	27.70
SS-122	U0511380-022A	12/9/05	23:25	7.10	27.70
SS-123	U0511380-023A	12/10/05	0:01	7.10	27.70
SS-125	U0511380-025A	12/10/05	0:37	7.10	27.70
SS-127	U0511380-027A	12/10/05	1:13	7.10	27.70
SS-129	U0511380-029A	12/10/05	1:50	7.10	27.70
SS-130	U0511380-030A	12/10/05	2:26	7.10	27.70
	HEXANE	12/10/05	3:02		
	CKPIBLK	12/10/05	3:38	7.10	27.70
	AR1242 250PPB	12/10/05	4:15		

-1178-

Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 12/11/05 04:39 PM

Sample Number: 1

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/1

Interface Serial # : NONE Data Acquisition Time: 12/9/05 02:20 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09001.RAW

Result File : C:\DATA65\HC09001.RST

Inst Method : PCB2CH from C:\DATA65\HC09001.RST

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1179-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 15

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.165	250		0.03	0.0093
2	0.291	194		0.02	0.0073
3	0.538	1446		0.16	0.0542
4	0.809	905523		101.74	33.9127
5	1.626	3085		0.35	0.1156
6	2.676	251		0.03	0.0094
7	3.302	620		0.07	0.0232
8	3.992	335		0.04	0.0125

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.178	10503		1.18	0.3934
0	7.100	0	Tetrachloro-m-xylene	0.00	0.0000
10	10.765	4695		13.41	4.4714
-	11.722	0	AR1242	0.00	0.0000
11	12.571	3883		11.09	3.6982
12	18.557	5568		19.63	6.5432
13	19.575	998		3.52	1.1733
14	22.216	5464		0.32	0.1081
0	27.719	0	Decachlorobiphenyl	0.00	0.0000
15	28.124	80077		4.75	1.5840
		1022894		156.35	52.1157

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	9.695	0	AR1242-1	0.00	0.0000
0	11.661	0	AR1242-2	0.00	0.0000
0	15.178	0	AR1242-3	0.00	0.0000
		0		0.00	0.0000

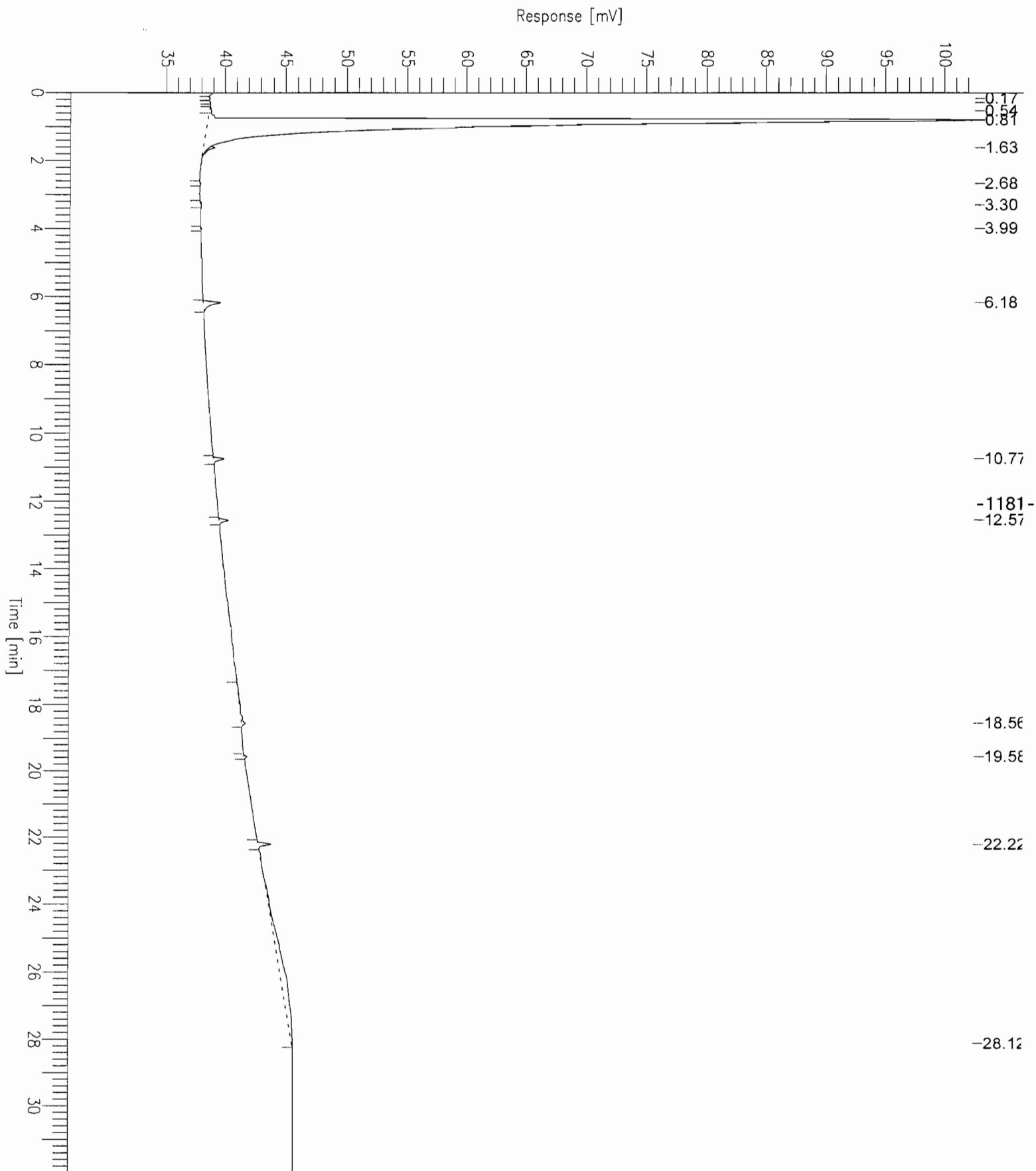
=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC09001.TX0

Chromatogram - ECD#1

Sample Name : HEXANE
FileName : C:\DATA65\Hc09001.raw
Method : PCB2CH
Start Time : 0.00 min End Time : 32.00 min
Scale Factor: 1.0 Plot Offset: 35 mV

Sample #: 1 Page 1 of 1
Date : 12/11/05 04:39 PM
Time of Injection: 12/9/05 02:20 PM
Low Point : 34.61 mV High Point : 102.51 mV
Plot Scale: 67.9 mV



Software Version: 4.1<2F12>

Sample Name : CKPIBLK 20PPB

Time : 12/11/05 04:39 PM

Sample Number: 2

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/2

Interface Serial # : NONE Data Acquisition Time: 12/9/05 02:57 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09002.RAW

Result File : C:\DATA65\HC09002.RST

Inst Method : PCB2CH from C:\DATA65\HC09002.RST

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1182-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 68

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.826	6595191		740.99	246.9963
2	3.225	4004		0.45	0.1500
3	3.647	3187		0.36	0.1193
4	3.810	950		0.11	0.0356
5	3.975	425		0.05	0.0159
6	4.318	1668		0.19	0.0625
7	4.891	3450		0.39	0.1292
8	6.171	48532		5.45	1.8176

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.831	688		0.08	0.0258
10	7.101	223102	Tetrachloro-m-xylene	25.07	8.3554
11	8.060	768		0.09	0.0288
12	8.209	2302		0.26	0.0862
13	8.374	5233		0.59	0.1960
14	8.559	1348		5.08	1.6927
15	8.754	8600		32.40	10.8011
16	9.310	3786		14.26	4.7543
17	9.556	2742		10.33	3.4441
19	9.806	3445		12.98	4.3263
20	10.345	1401		5.28	1.7597
21	10.462	1204		4.54	1.5124
22	10.757	17093		48.83	16.2779
23	11.089	3604		10.30	3.4320
24	11.367	1450		4.14	1.3807
	11.670	8226	AR1242	9.15	3.0497
26	11.765	5572		15.92	5.3062
27	11.845	5074		14.50	4.8321
28	12.075	345		0.99	0.3286
29	12.266	2006		5.73	1.9100
30	12.563	110748		316.40	105.4663
31	13.461	3014		10.63	3.5419
32	13.874	1146		4.04	1.3471
33	14.086	1178		4.15	1.3842
34	14.693	1212		4.27	1.4239
35	15.072	835		2.95	0.9818
36	15.334	664		2.34	0.7803
37	15.524	813		2.87	0.9554
38	15.805	437		1.54	0.5133
39	15.980	594		2.09	0.6980
40	16.175	624		2.20	0.7329
41	17.169	371		1.31	0.4359
42	17.340	205		0.72	0.2412
43	17.715	943		3.33	1.1084
44	18.017	497		1.75	0.5839
45	18.554	3606		12.71	4.2377
46	19.093	470		1.66	0.5522
47	19.235	695		2.45	0.8173
48	19.574	77795		274.26	91.4192
49	20.085	525		1.85	0.6171
50	20.488	230		0.81	0.2700
51	20.883	552		1.94	0.6482
52	21.229	1343		4.74	1.5785
53	21.450	427		0.03	0.0084
54	22.211	139346		8.27	2.7564
55	22.815	6198		0.37	0.1226
56	24.062	1034		0.06	0.0205
57	24.232	514		0.03	0.0102
58	24.573	1029		0.06	0.0203
59	24.692	424		0.03	0.0084
60	25.014	891		0.05	0.0176
61	25.256	1791		0.11	0.0354
62	25.780	800		0.05	0.0158
63	26.288	2221		0.13	0.0439
64	26.426	717		0.04	0.0142
65	26.748	4683		0.28	0.0926
66	27.481	1179		0.07	0.0233
67	27.716	410989	Decachlorobiphenyl	24.39	8.1297
68	28.288	5458		0.32	0.1080
		7741594		1663.77	554.5885

-1183-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
18	9.705	3863	AR1242-1	14.55	4.8515
25	11.670	4363	AR1242-2	12.46	4.1548
0	15.178	0	AR1242-3	0.00	0.0000
		8226		27.02	9.0063

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

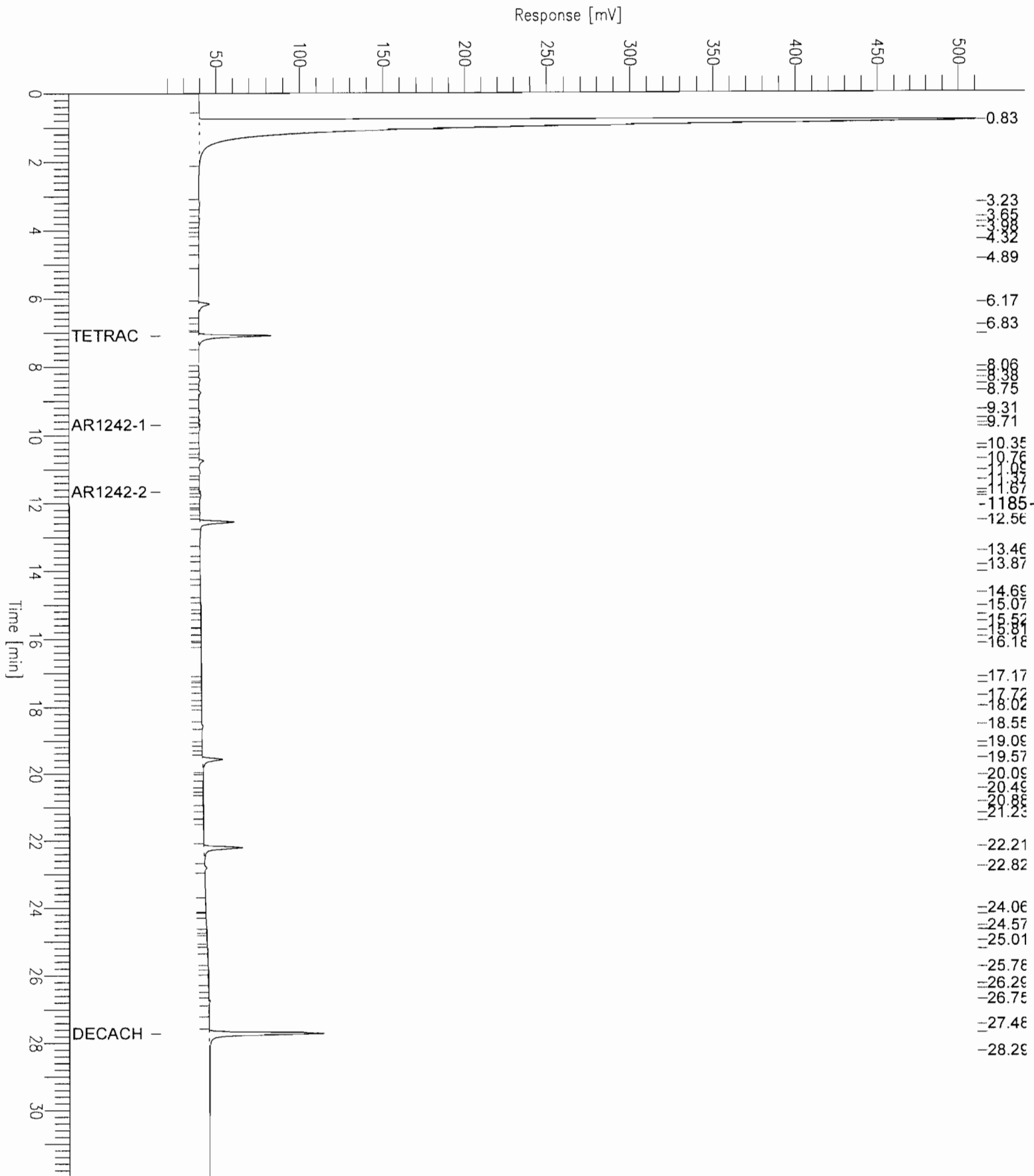
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Report stored in ASCII file: C:\DATA65\HC09002.TX0

Chromatogram - ECD#1

Sample Name : CKPIBLK 20PPB
 FileName : C:\DATA65\Hc09002.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 16 mV

Sample #: 2
 Date : 12/11/05 04:39 PM
 Time of Injection: 12/9/05 02:57 PM
 Low Point : 15.70 mV
 Plot Scale: 494.9 mV
 High Point : 510.62 mV



PCB

UPSTATE LABORATORIES, INC. CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column DB XLB 2

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/9/05

Time 3:33 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1254	1	15.04			250	276.55	111
	2	15.98			250	261.63	105
	3	17.34			250	252.6	101
	4	19.10			250	242.26	97
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date 12-10-05 Time 4:15AM

-1186-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	9.70			250	276.55	111
	2	11.68			250	258.9	104
	3	15.20			250	241.21	96
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>

Sample Name : AR1254 250PPB

Time : 12/11/05 04:39 PM

Sample Number: 3

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/3

Interface Serial # : NONE Data Acquisition Time: 12/9/05 03:33 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09003.RAW

Result File : C:\DATA65\HC09003.RST

Inst Method : PCB2CH from C:\DATA65\HC09003.RST

Proc Method : C:\DATA65\H1254228.mth

Calib Method : C:\DATA65\H1254228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1187-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 64

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.805	612419		68.81	22.9357
2	1.037	229396		25.77	8.5911
3	3.231	753		0.08	0.0282
4	4.893	627		0.07	0.0235
5	6.171	5476		0.62	0.2051
0	7.093	0	Tetrachloro-m-xylene	0.00	0.0000
6	9.704	2671		0.30	0.1000
7	10.345	519		0.06	0.0194

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	10.464	427		0.05	0.0160
9	10.760	785		0.09	0.0294
10	11.678	2992		5.68	1.8944
11	12.200	445		0.84	0.2816
12	12.415	317		0.60	0.2005
13	12.564	4327		8.22	2.7399
14	12.779	85629		162.67	54.2236
15	12.950	25952		49.30	16.4337
16	13.098	3775		7.17	2.3904
17	13.460	39774		75.56	25.1862
18	13.616	3565		6.77	2.2575
19	13.793	2863		5.44	1.8129
20	14.092	15479		29.41	9.8020
21	14.755	2486		4.72	1.5741
23	15.194	64970		123.43	41.1417
24	15.325	48077		91.33	30.4441
25	15.792	89413		127.56	42.5198
27	16.172	67639		96.50	32.1655
28	16.457	10713		15.28	5.0943
29	16.658	52810		75.34	25.1132
30	16.980	112244		150.78	50.2613
31	17.157	29066		39.05	13.0155
	17.340	704670	AR1254	256.58	85.5263
33	17.662	59307		79.67	26.5570
34	17.830	8017		10.77	3.5901
35	18.017	102592		137.82	45.9392
36	18.146	8383		11.26	3.7540
37	18.342	9640		12.44	4.1480
38	18.427	9998		12.91	4.3022
39	18.542	164424		212.25	70.7513
40	18.845	33963		43.84	14.6142
42	19.328	8173		10.55	3.5170
43	19.485	101517		131.05	43.6825
44	19.724	16399		21.17	7.0566
45	19.923	28045		36.20	12.0677
46	20.090	194625		251.24	83.7467
47	20.234	42803		55.25	18.4179
48	20.485	14782		19.08	6.3607
49	20.694	10351		13.36	4.4541
50	21.091	40980		52.90	17.6334
51	21.248	15464		19.96	6.6540
52	21.366	10036		12.96	4.3186
53	21.593	7714		9.96	3.3195
54	21.755	5010		6.47	2.1558
55	22.178	25751		33.24	11.0806
56	22.472	30658		39.58	13.1920
57	22.704	651		0.84	0.2801
58	23.479	23963		1.42	0.4740
59	23.643	5354		0.32	0.1059
60	23.801	2482		0.15	0.0491
61	24.813	1133		0.07	0.0224
62	24.893	1483		0.09	0.0293
63	25.685	11578		0.69	0.2290
0	27.693	0	Decachlorobiphenyl	0.00	0.0000
64	29.106	65306		3.88	1.2918
		3280857		2669.46	889.8214

-1188-

Group Report For : AR1254

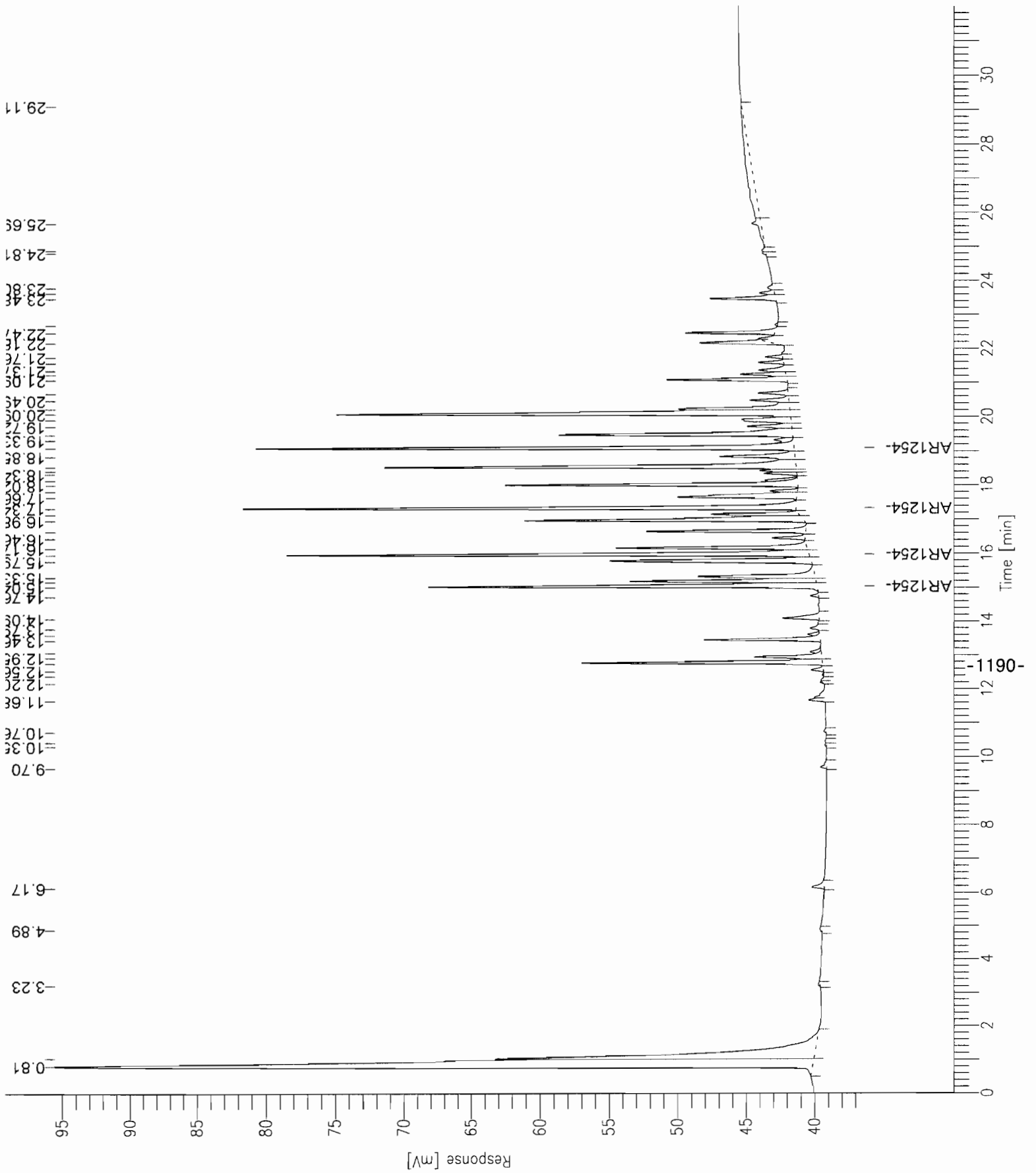
Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
41	19.095	187669	AR1254-4	242.26	80.7536
22	15.042	145574	AR1254-1	276.55	92.1830
26	15.979	183390	AR1254-2	261.63	87.2098
32	17.340	188037	AR1254-3	252.60	84.2004
		704670		1033.04	344.3468

Report stored in ASCII file: C:\DATA65\HC09003.TX0

Chromatogram - ECD#1

Sample Name : AR1254 250PPB
Method : PCB2CH
Filename : C:\DATA65\HC090003.raw
Date : 12/11/05 04:40 PM
Time of Injection: 12/9/05 03:33 PM
Low Point : 36.33 mV
High Point : 95.55 mV
Sample #: 3
Plot scale: 59.2 mV
End Time : 32.00 min
Plot Offset: 36 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : hexane

Time : 12/11/05 04:42 PM

Sample Number: 22

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/22

Interface Serial # : NONE Data Acquisition Time: 12/10/05 03:02 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09022.RAW

Result File : C:\DATA65\HC09022.RST

Inst Method : PCB2CH from C:\DATA65\HC09022.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1191-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 11

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.810	882912		99.20	33.0659
2	1.408	3341		0.38	0.1251
3	3.233	547		0.06	0.0205
4	4.896	566		0.06	0.0212
5	6.172	443		0.05	0.0166
0	7.138	0	Tetrachloro-m-xylene	0.00	0.0000
6	10.766	416		1.05	0.3497
7	12.570	933		2.35	0.7834

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
-	15.241	0	AR1248	0.00	0.0000
8	18.555	1997		5.60	1.8666
9	19.574	508		1.43	0.4751
10	22.217	2852		0.17	0.0564
11	26.437	2568		0.15	0.0508
0	27.786	0	Decachlorobiphenyl	0.00	0.0000
		897082		110.49	36.8313

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	15.789	0	AR1248-4	0.00	0.0000
0	12.758	0	AR1248-1	0.00	0.0000
0	13.437	0	AR1248-2	0.00	0.0000
0	15.169	0	AR1248-3	0.00	0.0000
		0		0.00	0.0000

=====

INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

Report stored in ASCII file: C:\DATA65\HC09022.TX0

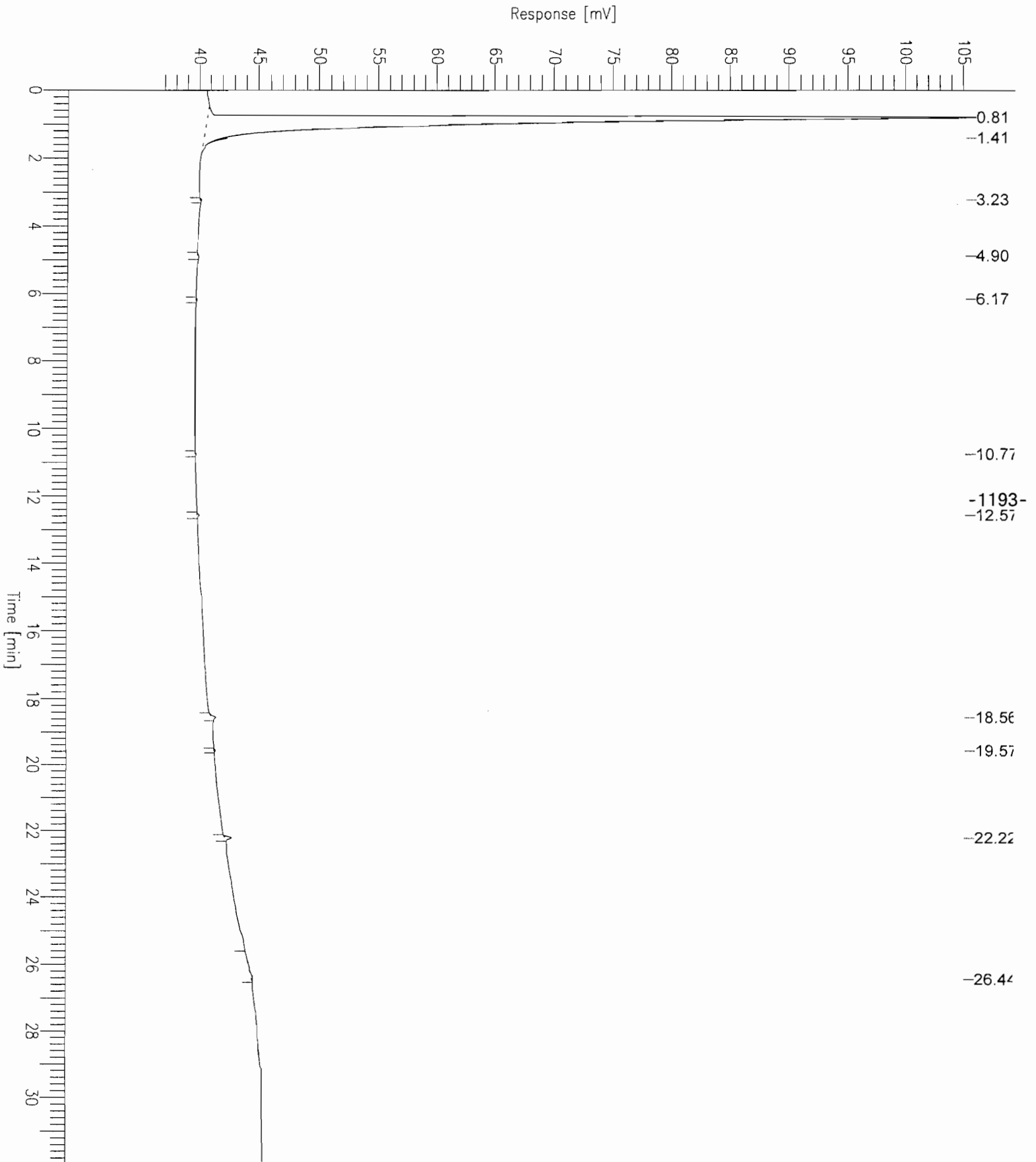
Chromatogram - ECD#1

Sample Name : hexane
FileName : C:\DATA65\Hc09022.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 36 mV

Sample #: 22
Date : 12/11/05 04:42 PM
Time of Injection: 12/10/05 03:02 AM
Low Point : 36.34 mV
Plot Scale: 68.9 mV

Page 1 of 1
High Point : 105.23 mV



Software Version: 4.1<2F12>

Sample Name : ckpiblk

Time : 12/11/05 04:42 PM

Sample Number: 23

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/23

Interface Serial # : NONE Data Acquisition Time: 12/10/05 03:38 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09023.RAW

Result File : C:\DATA65\HC09023.RST

Inst Method : PCB2CH from C:\DATA65\HC09023.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1194-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 69

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.825	6666633		749.02	249.6719
2	3.227	3775		0.42	0.1414
3	3.649	3285		0.37	0.1230
4	3.814	1076		0.12	0.0403
5	3.978	333		0.04	0.0125
6	4.314	1630		0.18	0.0610
7	4.896	3710		0.42	0.1389
8	6.173	23509		2.64	0.8804

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.833	366		0.04	0.0137
10	7.103	228442	Tetrachloro-m-xylene	25.67	8.5554
11	8.066	813		0.09	0.0304
12	8.210	2478		0.28	0.0928
13	8.378	5564		0.63	0.2084
14	8.559	1547		0.17	0.0579
15	8.756	8995		1.01	0.3369
16	9.116	440		0.05	0.0165
17	9.312	3302		0.37	0.1237
18	9.560	2649		0.30	0.0992
19	9.707	4105		0.46	0.1538
20	9.807	3511		0.39	0.1315
21	10.346	1418		3.57	1.1910
22	10.464	1309		3.30	1.0992
23	10.760	11473		28.91	9.6362
24	11.092	3434		8.65	2.8837
25	11.377	2241		5.65	1.8822
26	11.673	4318		10.88	3.6269
27	11.767	5506		13.87	4.6245
28	11.848	5335		13.44	4.4804
29	12.076	346		0.87	0.2905
30	12.269	2014		5.08	1.6918
31	12.565	100937		254.32	84.7739
	13.465	3611	AR1248	2.19	0.7301
33	13.878	1066		2.67	0.8890
34	14.088	1103		2.76	0.9197
35	14.703	1050		2.12	0.7061
36	15.068	878		1.77	0.5903
37	15.337	373		0.75	0.2506
38	15.522	487		1.36	0.4548
40	15.981	1451		4.07	1.3562
41	16.177	1125		3.15	1.0516
42	16.986	847		2.37	0.7915
43	17.168	762		2.14	0.7123
44	17.338	380		1.07	0.3551
45	17.654	862		2.42	0.8063
46	18.016	485		1.36	0.4536
47	18.561	3168		8.89	2.9619
48	19.092	503		1.41	0.4703
49	19.233	547		1.53	0.5112
50	19.576	76658		214.99	71.6617
51	20.479	260		0.73	0.2433
52	21.234	1284		3.60	1.2005
53	21.455	408		1.14	0.3812
54	22.213	116497		6.91	2.3044
55	22.819	6253		0.37	0.1237
56	23.558	557		0.03	0.0110
57	23.866	640		0.04	0.0127
58	24.060	531		0.03	0.0105
59	24.237	423		0.03	0.0084
60	24.567	830		0.05	0.0164
61	24.689	310		0.02	0.0061
62	25.025	891		0.05	0.0176
63	25.261	2114		0.13	0.0418
64	25.783	1158		0.07	0.0229
65	26.437	2977		0.18	0.0589
66	26.754	4618		0.27	0.0913
67	27.483	640		0.04	0.0127
68	27.716	428552	Decachlorobiphenyl	25.43	8.4771
69	28.284	5049		0.30	0.0999
		7773838		1427.65	475.8825

-1195-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
39	15.787	797	AR1248-4	2.23	0.7450
0	12.758	0	AR1248-1	0.00	0.0000
32	13.465	2814	AR1248-2	7.04	2.3470
0	15.169	0	AR1248-3	0.00	0.0000
		3611		9.28	3.0920

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

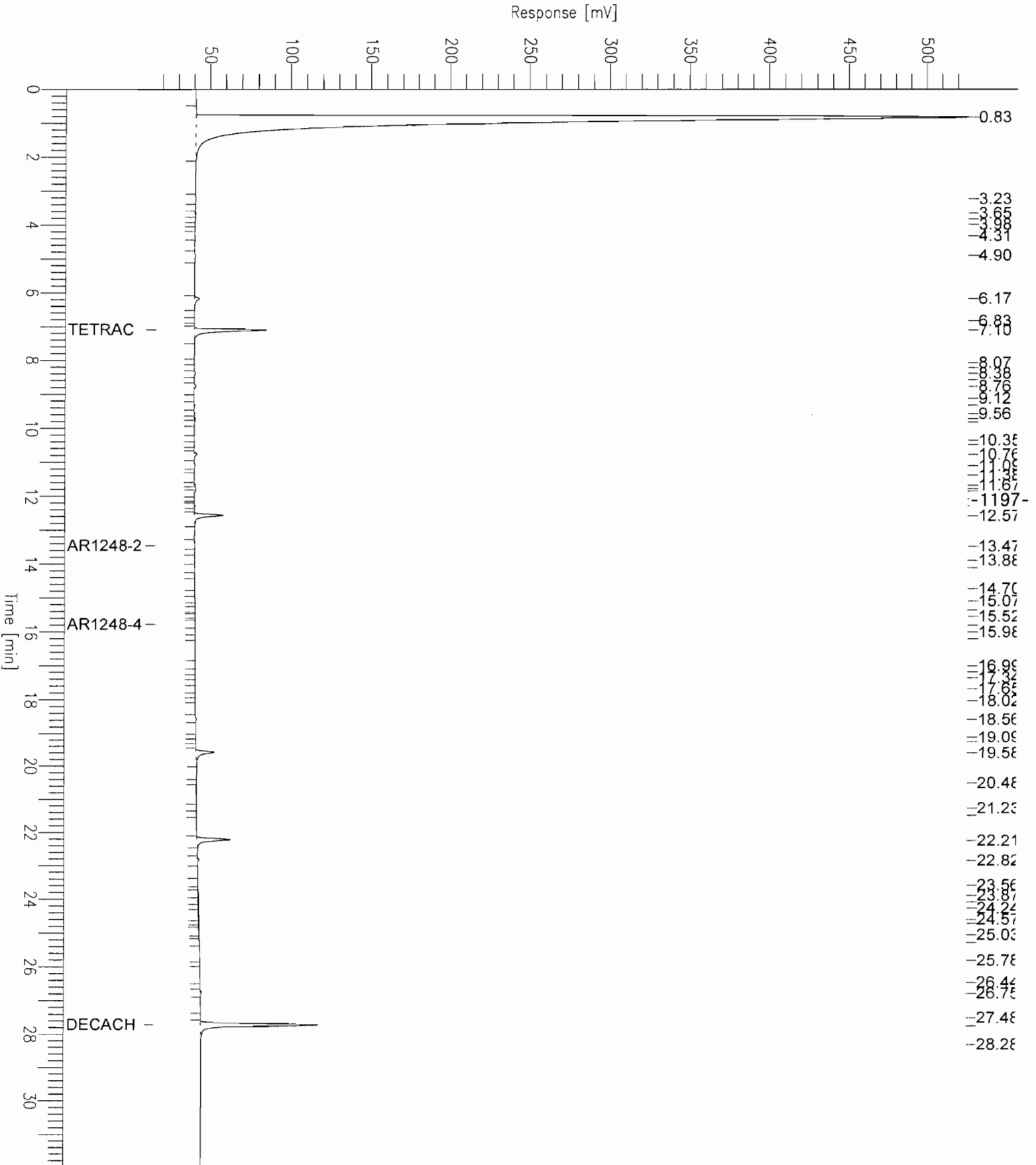
Report stored in ASCII file: C:\DATA65\HC09023.TX0

Chromatogram - ECD#1

Sample Name : ckpiblk
 FileName : C:\DATA65\Hc09023.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 16 mV

Sample #: 23
 Date : 12/11/05 04:42 PM
 Time of Injection: 12/10/05 03:38 AM
 Low Point : 15.67 mV
 Plot Scale: 510.8 mV
 High Point : 526.46 mV



PCB

UPSTATE LABORATORIES, INC.
CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column DB XLB 2

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/9/05

Time 3:33 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1254	1	15.04			250	276.55	111
	2	15.98			250	261.63	105
	3	17.34			250	252.6	101
	4	19.10			250	242.26	97
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date 12-10-05 Time 4:15AM

-1198-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	9.70			250	276.55	111
	2	11.68			250	258.9	104
	3	15.20			250	241.21	96
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>
Sample Name : ar1242 250ppb
Sample Number: 24
Operator : manager

Time : 12/12/05 10:49 AM
Study :

Instrument : HP-SFC Channel : A A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 12/10/05 04:15 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09024.RAW
Result File : C:\DATA65\HC09024.RST
Inst Method : PCB2CH from C:\DATA65\HC09024.RST
Proc Method : C:\DATA65\H1242228.mth
Calib Method : C:\DATA65\H1242228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1199-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 77

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.811	860857		96.72	32.2399
2	3.232	993		0.11	0.0372
3	3.650	447		0.05	0.0167
4	5.004	2396		0.27	0.0897
5	5.749	391		0.04	0.0147
6	6.173	4340		0.49	0.1625
7	6.806	8123		0.91	0.3042
0	7.100		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	7.784	7871		0.88	0.2948
9	8.064	10386		1.17	0.3890
10	8.378	59848		6.72	2.2414
11	8.856	8468		31.90	10.6346
12	9.311	651		2.45	0.8173
13	9.559	699		2.63	0.8781
15	9.812	50003		188.40	62.8000
16	10.043	7694		28.99	9.6632
17	10.146	3330		12.55	4.1826
18	10.351	38934		146.69	48.8983
19	10.466	37174		140.06	46.6872
20	10.763	2917		8.33	2.7777
21	10.984	806		2.30	0.7674
22	11.266	15850		45.28	15.0941
23	11.368	10866		31.04	10.3474
	11.675	232442	AR1242	258.53	86.1764
25	11.767	106348		303.83	101.2754
26	11.856	98885		282.51	94.1686
27	12.273	55316		158.03	52.6776
28	12.416	4534		12.95	4.3178
29	12.566	17404		49.72	16.5735
30	12.781	60085		171.66	57.2195
31	12.949	65121		186.05	62.0151
32	13.103	20217		57.76	19.2527
33	13.461	61133		215.52	71.8398
34	13.619	31071		109.54	36.5121
35	13.796	18111		63.85	21.2826
36	13.867	14809		52.21	17.4024
37	14.096	29506		104.02	34.6732
38	14.156	37211		131.18	43.7277
39	14.470	1646		5.80	1.9343
40	14.642	2883		10.16	3.3882
41	14.753	1533		5.40	1.8015
42	14.941	3372		11.89	3.9623
43	15.089	50816		179.15	59.7158
45	15.336	72026		253.92	84.6398
46	15.558	5819		20.51	6.8381
47	15.816	46035		162.29	54.0976
48	15.992	48745		171.85	57.2822
49	16.170	18414		64.92	21.6385
50	16.457	3450		12.16	4.0538
51	16.658	11750		41.42	13.8080
52	16.978	16060		56.62	18.8720
53	17.157	8751		30.85	10.2838
54	17.339	25804		90.97	30.3233
55	17.673	7989		28.16	9.3877
56	17.833	3696		13.03	4.3436
57	18.016	5969		21.04	7.0143
58	18.151	1324		4.67	1.5560
59	18.344	2047		7.22	2.4060
60	18.543	29070		102.48	34.1613
61	18.848	4786		16.87	5.6242
62	19.094	9918		34.97	11.6550
63	19.478	11268		39.72	13.2410
64	19.575	17760		62.61	20.8702
65	19.876	1272		4.49	1.4950
66	20.088	7692		27.12	9.0390
67	20.489	347		1.22	0.4081
68	20.699	339		1.19	0.3983
69	21.091	2281		8.04	2.6800
70	21.246	648		2.28	0.7610
71	21.374	259		0.91	0.3042
72	21.598	269		0.02	0.0053
73	22.214	24284		1.44	0.4804
74	22.471	2052		0.12	0.0406
75	22.819	523		0.03	0.0104
76	23.483	784		0.05	0.0155
77	26.755	7500		0.45	0.1484
0	27.719	0	Decachlorobiphenyl	0.00	0.0000
		2444416		4401.41	1467.1365

-1200-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

14	9.707	73401 AR1242-1	276.55	92.1848
24	11.675	90622 AR1242-2	258.90	86.2995
44	15.195	68420 AR1242-3	241.21	80.4024

	232442		776.66	258.8868
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=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\HC09024.TX0

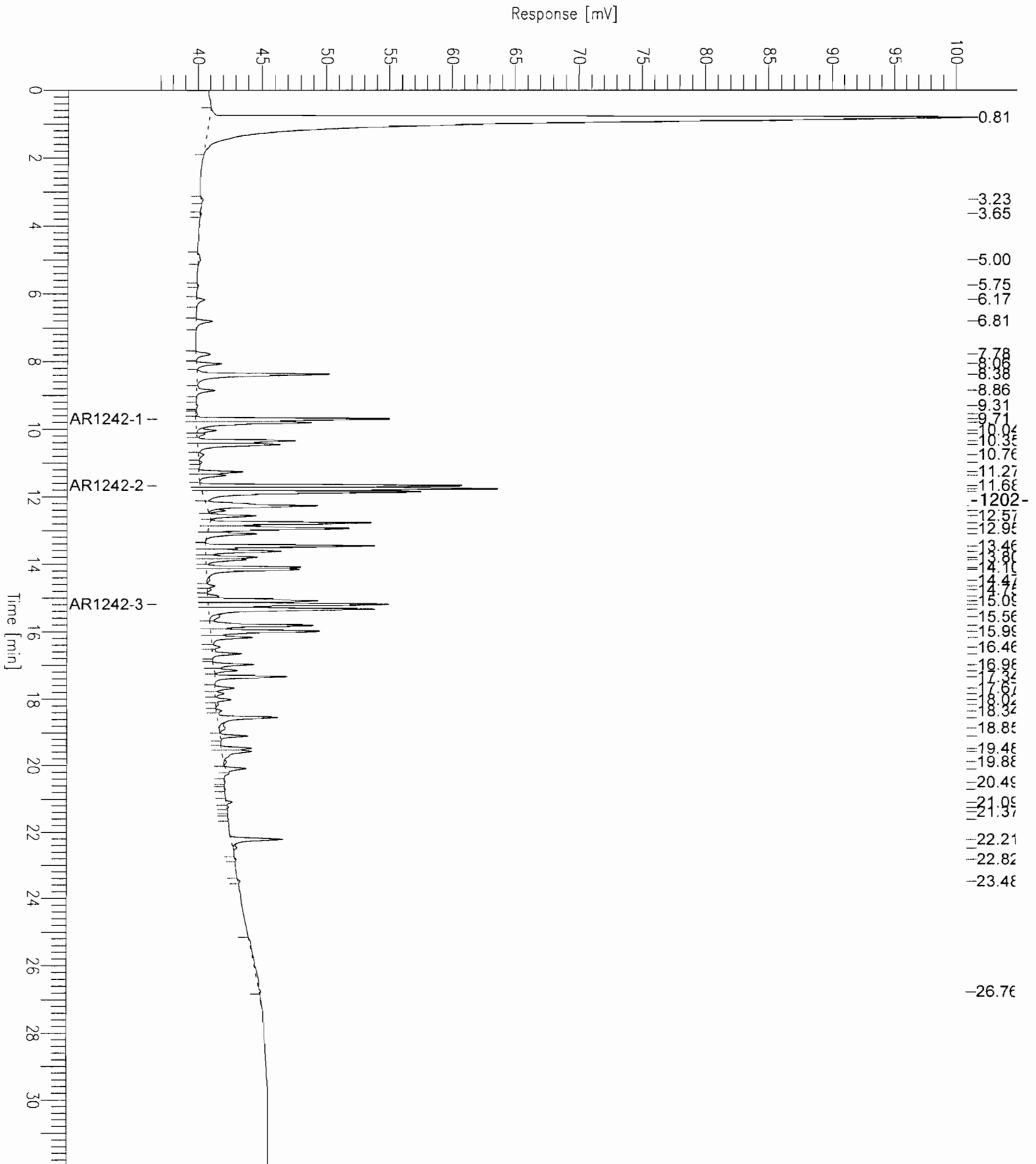
Chromatogram - ECD#1

Sample Name : ar1242 250ppb
FileName : C:\DATA65\Hc09024.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 37 mV

Sample #: 24
Date : 12/12/05 10:49 AM
Time of Injection: 12/10/05 04:15 AM
Low Point : 36.78 mV
Plot Scale: 64.2 mV
High Point : 100.95 mV

Page 1 of 1



8D
ANALYTICAL SEQUENCE, COLUMN 2

Lab Name: Upstate Laboratories, Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

GC Column (1):RTX CLP 2 ID: 0.32(mm)

NYSDEC SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX1 RT(min)	DCB1 RT(min)
1	HEXANE	12/9/05	14:57		
	CKPIBLK	12/9/05	15:33	6.20	26.10
	AR1254 250PPB	12/9/05	16:09		
SS-102	U0511380-001A	12/9/05	16:45	6.20	26.10
SS-102 DUP	U0511380-002A	12/9/05	17:22	6.20	26.10
SS-105	U0511380-003A	12/9/05	17:58	6.20	26.10
SS-109 6"	U0511380-007A	12/9/05	18:34	6.20	26.10
SB-116 2'	U0511380-016A	12/9/05	19:10	6.20	26.10
SS-117	U0511380-017A	12/9/05	19:47	6.20	26.10
SS-118	U0511380-018A	12/9/05	20:23	6.20	26.10
SS-119	U0511380-019A	12/9/05	20:59	6.20	26.10
SS-120	U0511380-020A	12/9/05	21:36	6.20	26.10
SS-121	U0511380-021A	12/9/05	22:12	6.20	26.10
SS-121MS	U0511380-021MS	12/9/05	22:48	6.20	26.10
SS-121MSD	U0511380-021MSD	12/9/05	23:25	6.20	26.10
SS-122	U0511380-022A	12/10/05	0:01	6.20	26.10
SS-123	U0511380-023A	12/10/05	0:37	6.20	26.10
SS-125	U0511380-025A	12/10/05	1:13	6.20	26.10
SS-127	U0511380-027A	12/10/05	1:50	6.20	26.10
SS-129	U0511380-029A	12/10/05	2:26	6.20	26.10
SS-130	U0511380-030A	12/10/05	3:02	6.20	26.10
	HEXANE	12/10/05	3:38		
	CKPIBLK	12/10/05	4:15	6.20	26.10
	AR1242 250PPB	12/10/05	4:51		

-1203-

Software Version: 4.1<2F12>

Sample Name : HEXANE

Time : 12/22/05 03:16 PM

Sample Number: 2

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/1

Interface Serial # : NONE Data Acquisition Time: 12/9/05 02:57 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09002.RAW

Result File : C:\DATA65\IC09002.RST

Inst Method : PCB2CH from C:\DATA65\IC09002.RST

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1204-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 17

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.466	6809		0.28	0.0935
2	1.334	1814589		74.77	24.9238
3	3.768	385		0.02	0.0053
4	3.941	2955		0.12	0.0406
5	4.107	1542		0.06	0.0212
6	5.416	543		0.02	0.0075
0	6.178	0	Tetrachloro-m-xylene	0.00	0.0000
7	6.823	2125		0.09	0.0292

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	11.045	14696		23.16	7.7189
9	12.704	10200		16.07	5.3577
10	14.021	462		0.35	0.1165
11	16.018	163214		102.83	34.2768
-	16.390	0	AR1254	0.00	0.0000
12	19.651	139408		87.83	29.2773
13	20.591	1430		0.90	0.3003
14	21.475	12323		0.40	0.1338
15	23.624	3539		0.12	0.0384
16	25.227	4389		0.14	0.0477
0	26.053	0	Decachlorobiphenyl	0.00	0.0000
17	29.645	52213		1.70	0.5669

2230821				308.87	102.9551

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
0	16.288	0	AR1254-4	0.00	0.0000
0	11.810	0	AR1254-1	0.00	0.0000
0	14.099	0	AR1254-2	0.00	0.0000
0	14.762	0	AR1254-3	0.00	0.0000

0				0.00	0.0000

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

-1205-

Report stored in ASCII file: C:\DATA65\IC09002.TX0

Chromatogram - ECD#1

Sample Name : HEXANE

FileName : C:\DATA65\Ic09002.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 64 mV

Sample #: 2

Date : 12/22/05 03:16 PM

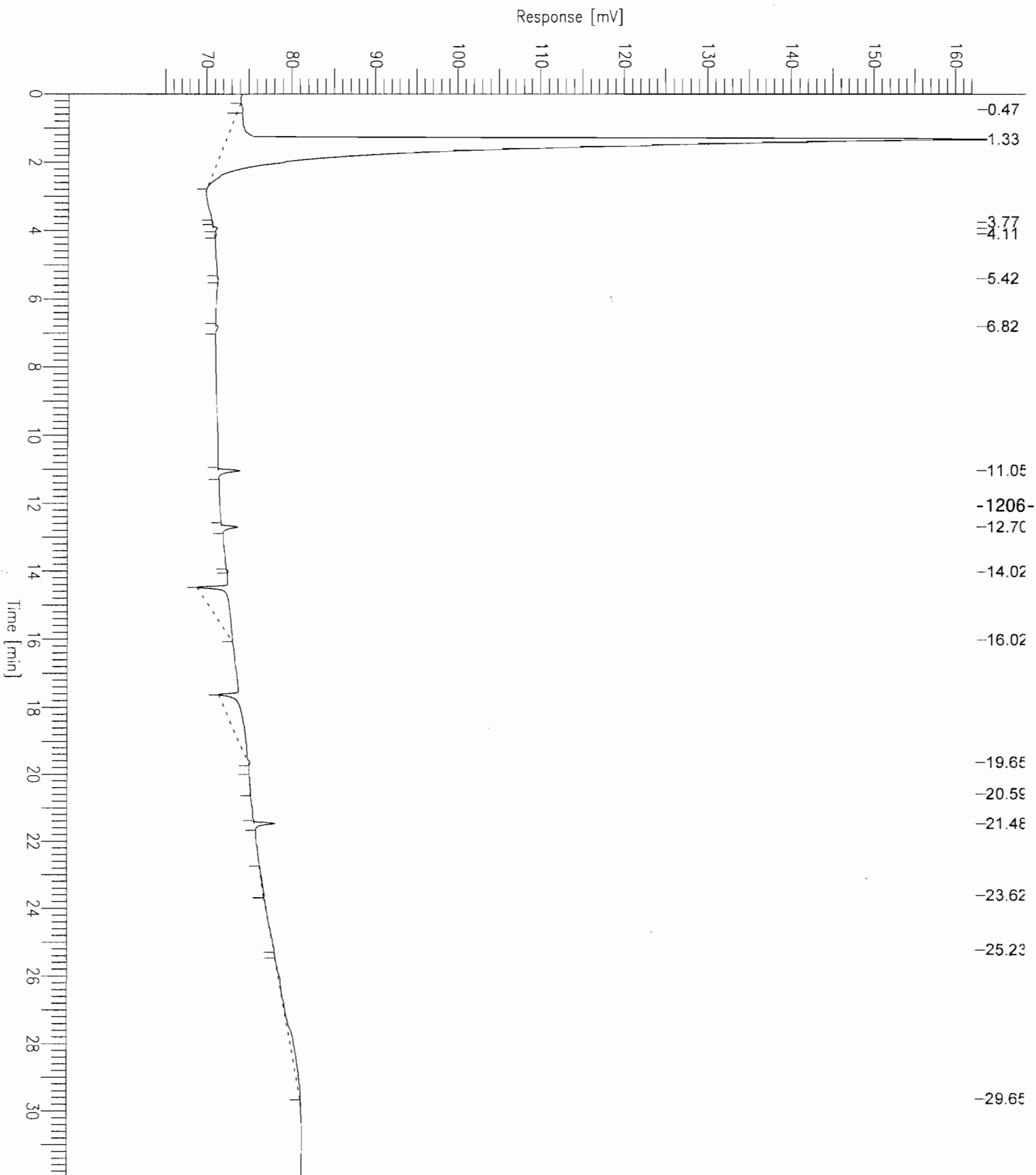
Time of Injection: 12/9/05 02:57 PM

Low Point : 64.27 mV

Plot Scale: 98.4 mV

Page 1 of 1

High Point : 162.64 mV



Software Version: 4.1<2F12>

Sample Name : CKPIBLK 20PPB

Time : 12/22/05 03:16 PM

Sample Number: 3

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/2

Interface Serial # : NONE Data Acquisition Time: 12/9/05 03:33 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09003.RAW

Result File : C:\DATA65\IC09003.RST

Inst Method : PCB2CH from C:\DATA65\IC09003.RST

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1207-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 96

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.345	13725801		565.58	188.5268
2	3.060	2540		0.10	0.0349
3	3.483	993		0.04	0.0136
4	3.576	10212		0.42	0.1403
5	3.947	6909		0.28	0.0949
6	4.105	3356		0.14	0.0461
7	4.786	332		0.01	0.0046
8	5.002	3274		0.13	0.0450

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.160	235		0.01	0.0032
10	5.461	1347		0.06	0.0185
11	5.906	1264		0.05	0.0174
12	6.197	610008	Tetrachloro-m-xylene	25.14	8.3786
13	6.815	38722		1.60	0.5319
14	7.156	498		0.02	0.0068
15	7.384	2984		0.12	0.0410
16	7.632	759		0.03	0.0104
17	7.712	712		0.03	0.0098
18	7.827	8302		0.34	0.1140
19	8.044	17813		0.73	0.2447
20	8.174	11977		0.49	0.1645
21	8.364	9190		0.38	0.1262
22	8.745	8471		0.35	0.1163
23	8.949	336		0.01	0.0046
24	9.183	12730		20.06	6.6865
25	9.369	10417		16.41	5.4713
26	9.608	7367		11.61	3.8695
27	9.718	10519		16.57	5.5249
28	9.846	5585		8.80	2.9337
29	9.955	7471		11.77	3.9242
30	10.114	3509		5.53	1.8432
31	10.498	10249		16.15	5.3833
32	10.690	17023		26.82	8.9415
33	10.833	19807		31.21	10.4034
34	11.044	42602		67.13	22.3766
35	11.286	1267		2.00	0.6656
36	11.491	2136		3.37	1.1217
	11.865	13273	AR1254	2.64	0.8787
38	11.978	13690		21.57	7.1906
39	12.701	193351		304.67	101.5571
40	13.117	12821		9.70	3.2341
41	13.338	6676		5.05	1.6840
42	13.600	468		0.35	0.1181
43	13.884	1227		0.93	0.3096
44	13.987	1254		0.95	0.3163
46	14.453	216		0.16	0.0545
48	14.959	1762		1.18	0.3936
49	15.297	1230		0.82	0.2749
50	15.565	1625		1.02	0.3413
51	15.974	3059		1.93	0.6423
52	16.226	2397		1.51	0.5034
54	16.423	2899		1.83	0.6087
55	16.724	6879		4.33	1.4447
56	16.864	3000		1.89	0.6299
57	16.982	5271		3.32	1.1070
58	17.147	6888		4.34	1.4465
59	17.380	5281		3.33	1.1091
60	17.567	2961		1.87	0.6219
61	17.771	7293		4.59	1.5315
62	18.175	10835		6.83	2.2755
63	18.591	2684		1.69	0.5638
64	18.776	6468		4.07	1.3583
65	18.910	4833		3.04	1.0149
66	19.157	10388		6.54	2.1815
67	19.385	828		0.52	0.1739
68	19.626	118947		74.94	24.9801
69	20.086	1551		0.98	0.3257
70	20.438	251		0.16	0.0528
71	20.534	1933		1.22	0.4060
72	20.652	1104		0.70	0.2319
73	20.766	2894		1.82	0.6079
74	20.997	4990		3.14	1.0481
75	21.161	1031		0.65	0.2165
76	21.470	233132		7.59	2.5311
77	22.220	3279		0.11	0.0356
78	22.704	186		0.01	0.0020
79	23.176	2027		0.07	0.0220
80	23.507	1639		0.05	0.0178
81	23.614	2689		0.09	0.0292
82	24.013	12015		0.39	0.1304
83	24.211	10550		0.34	0.1145
84	24.534	8211		0.27	0.0891
85	24.710	1077		0.04	0.0117
86	24.910	4388		0.14	0.0476
87	25.246	4515		0.15	0.0490
88	25.392	7840		0.26	0.0851
89	25.666	1665		0.05	0.0181
90	26.080	768344	Decachlorobiphenyl	25.03	8.3417
91	26.731	2304		0.08	0.0250

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	27.716	375		0.01	0.0041
93	27.859	343		0.01	0.0037
94	28.110	998		0.03	0.0108
95	28.870	3738		0.12	0.0406
96	29.878	1031		0.03	0.0112
		16149322		1352.68	450.8948

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
53	16.312	1959	AR1254-4	1.23	0.4115
37	11.865	8770	AR1254-1	13.82	4.6062
45	14.126	1412	AR1254-2	1.07	0.3562
47	14.784	1132	AR1254-3	0.76	0.2530
		13273		16.88	5.6269

=====

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

=====

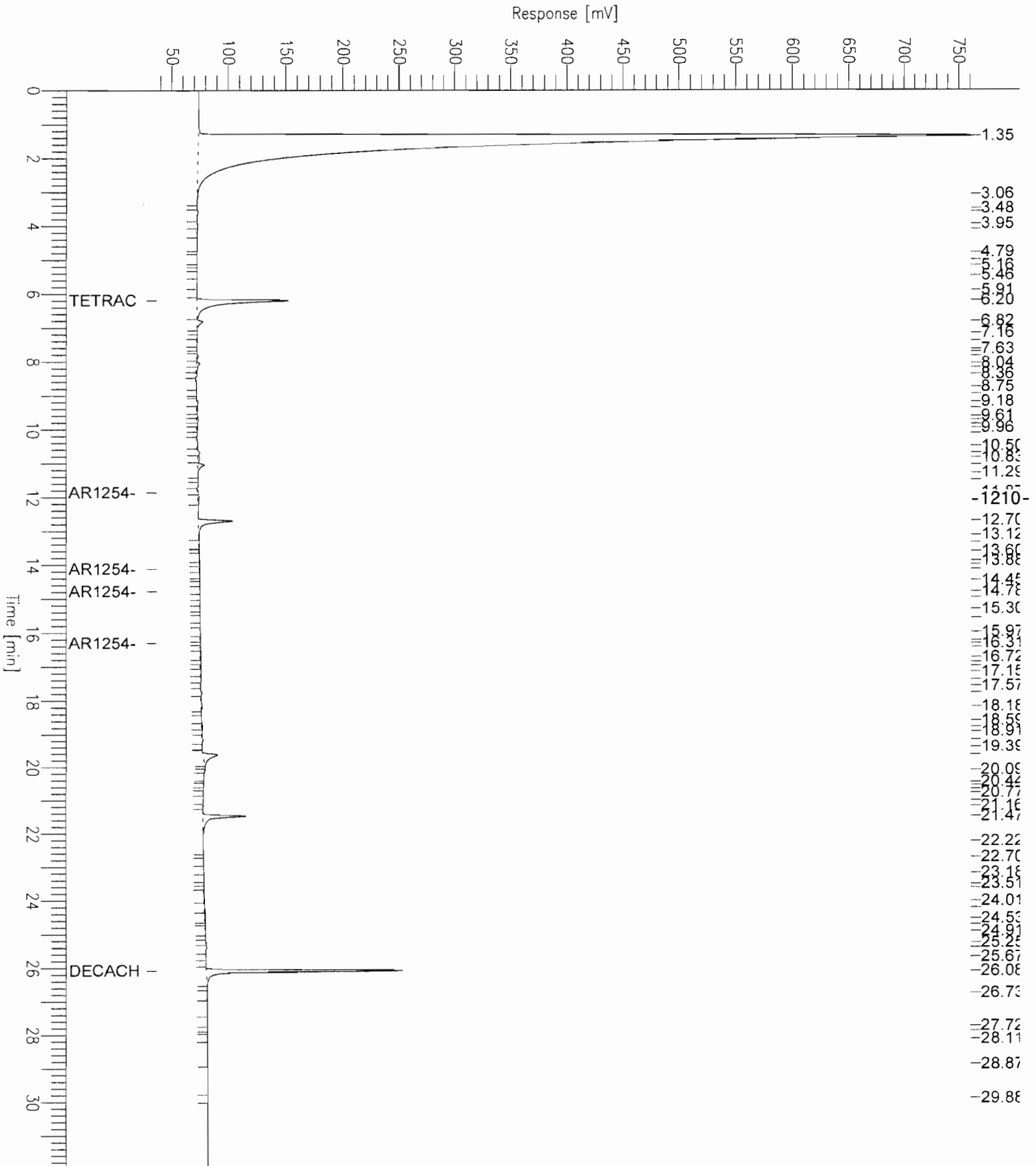
Report stored in ASCII file: C:\DATA65\IC09003.TX0

Chromatogram - ECD#1

Sample Name : CKPIBLK 20PPB
FileName : C:\DATA65\Ic09003.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 37 mV

Sample #: 3
Date : 12/22/05 03:16 PM
Time of Injection: 12/9/05 03:33 PM
Low Point : 36.52 mV
Plot Scale: 724.0 mV
High Point : 760.48 mV



PCB

UPSTATE LABORATORIES, INC. CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column RTX CLP 2

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/9/05

Time 4:09 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1254	1	11.83			250	260.55	104
	2	14.12				271.91	109
	3	14.79				239.11	96
	4	16.32				227.63	91
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date ~~12-10-~~Time 4:51AM

-1211-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	10.68			250	250.21	100
	2	11.96				293.58	117
	3	14.00				204.85	82
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>

Sample Name : ar1254 250ppb

Time : 12/22/05 03:17 PM

Sample Number: 4

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/3

Interface Serial # : NONE Data Acquisition Time: 12/9/05 04:09 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09004.RAW

Result File : C:\DATA65\IC09004.RST

Inst Method : PCB2CH from C:\DATA65\IC09004.RST

Proc Method : C:\DATA65\I1254228.mth

Calib Method : C:\DATA65\I1254228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

-1212-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 69

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	1.333	658593		27.14	9.0459
2	1.515	598233		24.65	8.2169
3	3.122	406		0.02	0.0056
4	3.940	2619		0.11	0.0360
5	4.910	338		0.01	0.0046
6	5.087	308		0.01	0.0042
7	5.468	807		0.03	0.0111
0	6.178	0	Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	6.815	2000		0.08	0.0275
9	8.650	1333		0.05	0.0183
10	9.160	5258		8.28	2.7616
11	9.854	871		1.37	0.4573
12	9.948	1958		3.08	1.0282
13	10.401	357		0.56	0.1873
14	10.685	15018		23.66	7.8881
15	11.113	9297		14.65	4.8832
16	11.488	997		1.57	0.5236
17	11.570	3550		5.59	1.8646
19	11.960	103537		163.15	54.3822
20	12.716	119364		188.09	62.6954
21	13.121	49320		37.32	12.4410
22	13.322	3341		2.53	0.8427
23	13.608	5681		4.30	1.4330
24	13.781	22954		17.37	5.7903
25	14.008	82258		62.25	20.7496
27	14.378	53552		40.53	13.5086
28	14.590	64221		43.06	14.3517
30	15.032	314979		211.17	70.3896
31	15.526	19488		13.07	4.3551
32	15.727	127572		80.37	26.7915
33	15.929	203017		127.91	42.6359
34	16.117	40622		25.59	8.5310
35	16.160	52860		33.30	11.1011
	16.318	1242608	AR1254	246.80	82.2668
37	16.426	76296		48.07	16.0230
38	16.660	37591		23.68	7.8945
39	16.773	3904		2.46	0.8200
40	16.865	23997		15.12	5.0396
41	16.971	209188		131.80	43.9318
42	17.096	250904		158.08	52.6926
43	17.399	33064		20.83	6.9439
44	17.489	67370		42.45	14.1485
45	17.697	255677		161.08	53.6950
46	18.137	133657		84.21	28.0694
47	18.236	205919		129.74	43.2453
48	18.504	52585		33.13	11.0434
49	18.669	34563		21.78	7.2586
50	18.879	530712		334.37	111.4554
51	19.193	81068		51.08	17.0251
52	19.357	36957		23.28	7.7614
53	19.619	2491		1.57	0.5232
54	19.721	22154		13.96	4.6526
55	20.050	75601		47.63	15.8770
56	20.149	55045		34.68	11.5600
57	20.389	19480		12.27	4.0909
58	20.565	6208		3.91	1.3038
59	20.650	16022		10.09	3.3648
60	20.917	1911		1.20	0.4013
61	21.021	73600		46.37	15.4568
62	21.476	8448		0.28	0.0917
63	22.237	74283		2.42	0.8065
64	23.072	1344		0.04	0.0146
65	23.591	2160		0.07	0.0235
66	24.173	3513		0.11	0.0381
67	25.245	624		0.02	0.0068
68	26.073	2240	Decachlorobiphenyl	0.07	0.0243
69	29.723	62108		2.02	0.6743
		6267998		2865.56	955.1870

-1213-

Group Report For : AR1254

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
36	16.318	361291	AR1254-4	227.63	75.8752
18	11.834	165352	AR1254-1	260.55	86.8504
26	14.124	359309	AR1254-2	271.91	90.6363
29	14.789	356656	AR1254-3	239.11	79.7033
		1242608		999.20	333.0653

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

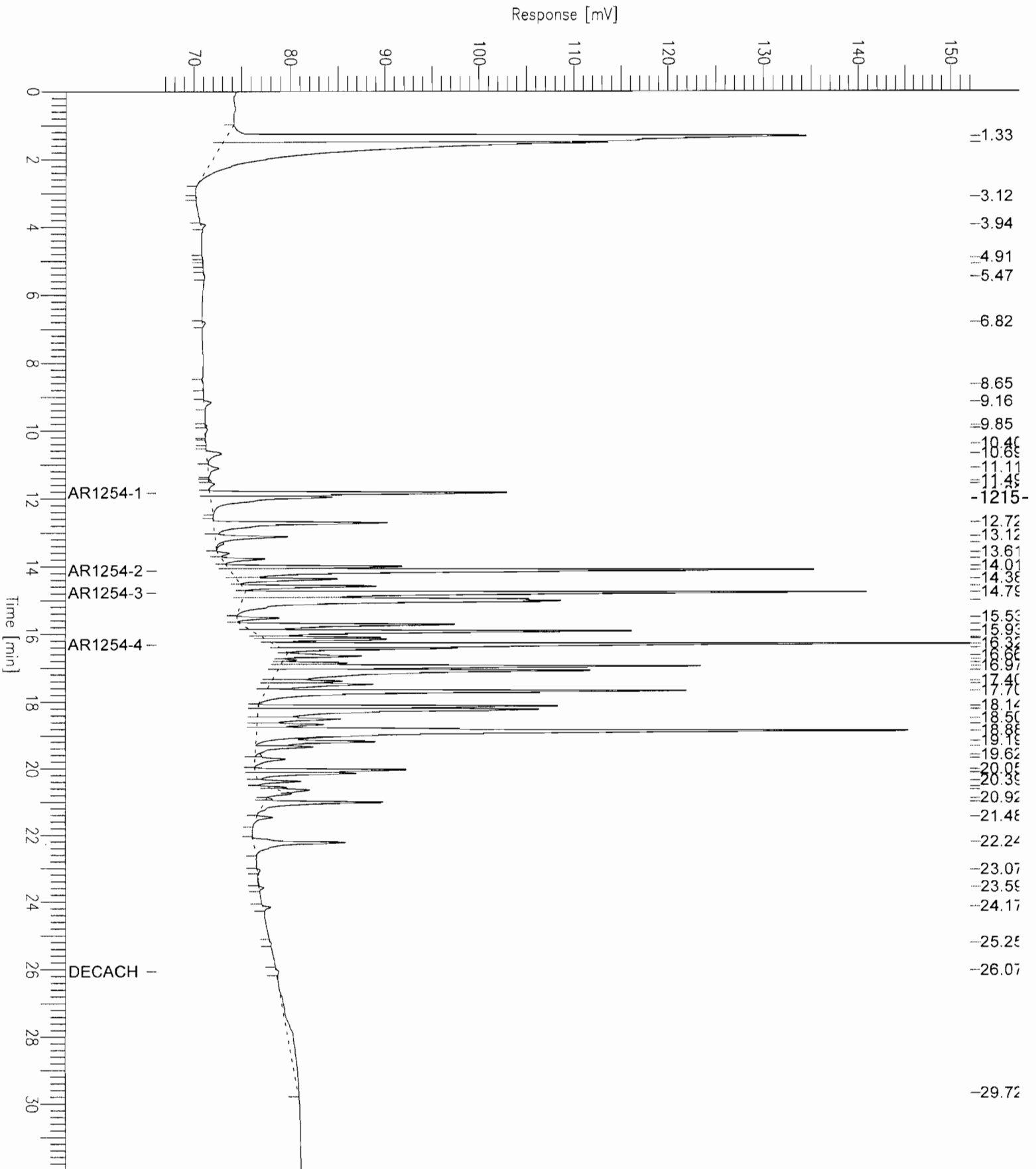
=====
Report stored in ASCII file: C:\DATA65\IC09004.TX0

Chromatogram - ECD#1

Sample Name : ar1254 250ppb
FileName : C:\DATA65\Ic09004.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 66 mV

Sample #: 4
Date : 12/22/05 03:17 PM
Time of Injection: 12/9/05 04:09 PM
Low Point : 66.07 mV
High Point : 152.05 mV
Plot Scale: 86.0 mV



Software Version: 4.1<2F12>

Sample Name : hexane

Time : 12/22/05 03:19 PM

Sample Number: 23

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/22

Interface Serial # : NONE Data Acquisition Time: 12/10/05 03:38 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09023.RAW

Result File : C:\DATA65\IC09023.RST

Inst Method : PCB2CH from C:\DATA65\IC09023.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1216-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 22

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.509	11717		0.48	0.1609
2	1.328	1786202		73.60	24.5339
3	3.116	182		0.01	0.0025
4	3.753	804		0.03	0.0110
5	3.935	2536		0.10	0.0348
6	4.894	347		0.01	0.0048
7	5.451	765		0.03	0.0105
0	6.255		0 Tetrachloro-m-xylene	0.00	0.0000

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
8	6.815	683		0.03	0.0094
9	11.042	1401		1.13	0.3765
	12.699	2057	AR1248	0.50	0.1681
11	13.771	111		0.12	0.0394
13	14.130	376		0.40	0.1330
14	14.950	13523		14.36	4.7860
15	15.902	313		0.33	0.1106
16	16.985	826		0.88	0.2922
17	18.245	3920		4.16	1.3874
18	19.693	1315		1.40	0.4653
19	21.477	6196		0.20	0.0673
20	26.073	1899	Decachlorobiphenyl	0.06	0.0206
21	26.687	1281		0.04	0.0139
22	28.729	16084		0.52	0.1746
		1852537		98.41	32.8028

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
12	14.002	460	AR1248-4	0.49	0.1629
0	10.682	0	AR1248-1	0.00	0.0000
0	11.829	0	AR1248-2	0.00	0.0000
10	12.699	1597	AR1248-3	1.45	0.4833
		2057		1.94	0.6462

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

-1217-

Report stored in ASCII file: C:\DATA65\IC09023.TX0

Chromatogram - ECD#1

Sample Name : hexane

FileName : C:\DATA65\Ic09023.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 67 mV

Sample #: 23

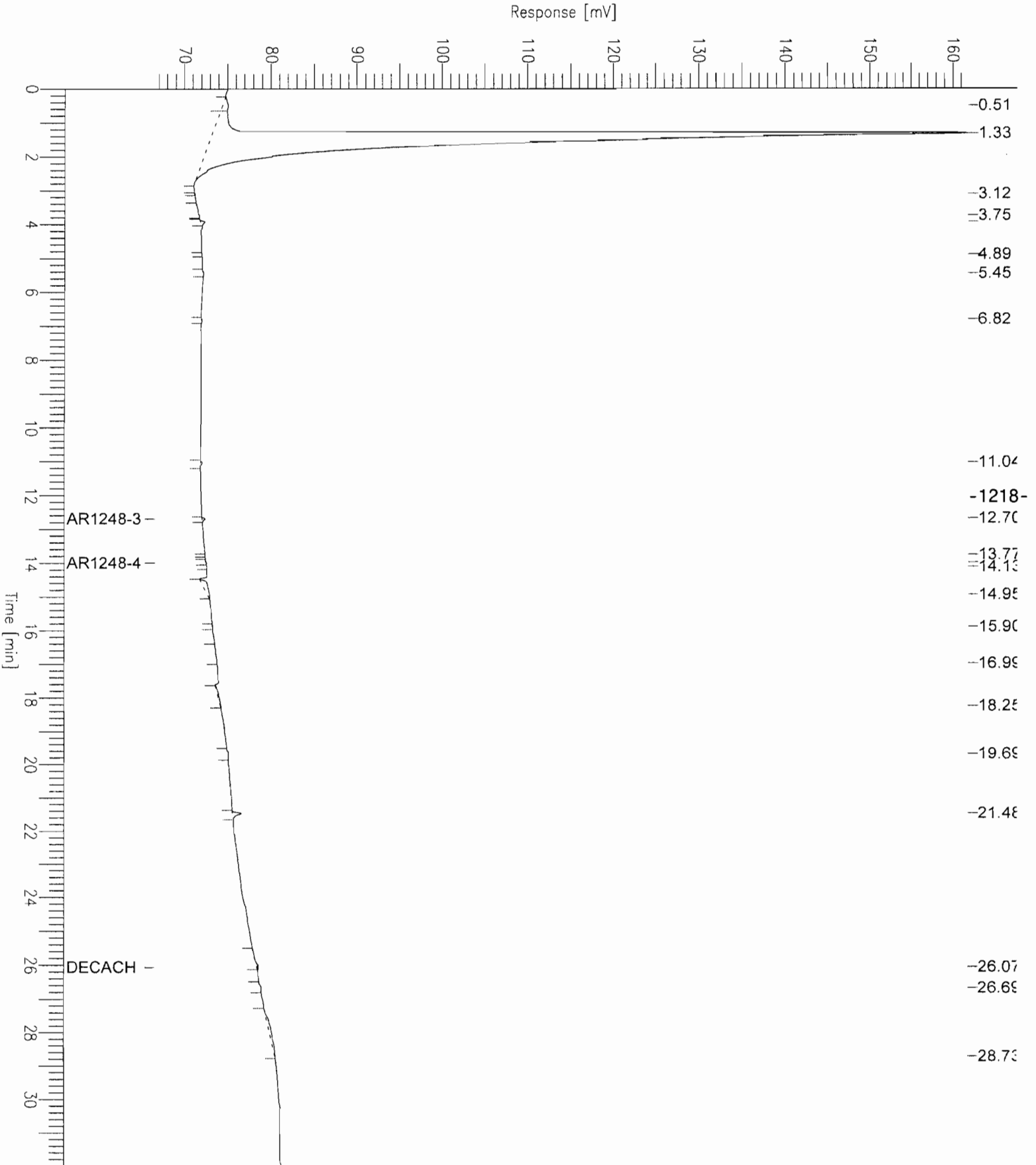
Date : 12/22/05 03:19 PM

Time of Injection: 12/10/05 03:38 AM

Low Point : 66.55 mV

Plot Scale: 95.2 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : ckpiblk

Time : 12/22/05 03:19 PM

Sample Number: 24

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/23

Interface Serial # : NONE Data Acquisition Time: 12/10/05 04:15 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09024.RAW

Result File : C:\DATA65\IC09024.RST

Inst Method : PCB2CH from C:\DATA65\IC09024.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1219-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 79

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.608	3555		0.15	0.0488
2	1.338	14156422		583.32	194.4415
3	3.055	3544		0.15	0.0487
4	3.479	391		0.02	0.0054
5	3.568	8480		0.35	0.1165
6	3.936	4615		0.19	0.0634
7	4.995	3866		0.16	0.0531
8	5.168	760		0.03	0.0104

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.463	1493		0.06	0.0205
10	6.192	656498	Tetrachloro-m-xylene	27.05	9.0171
11	6.810	47544		1.96	0.6530
12	7.157	4256		0.18	0.0585
13	7.381	4482		0.18	0.0616
14	7.622	688		0.03	0.0094
15	7.700	901		0.04	0.0124
16	7.822	8984		0.37	0.1234
17	8.039	19504		0.80	0.2679
18	8.170	21527		0.89	0.2957
19	8.700	9425		7.60	2.5330
20	9.176	13593		10.96	3.6533
21	9.363	9929		8.01	2.6686
22	9.718	7264		5.86	1.9522
23	9.849	5270		4.25	1.4164
24	9.946	7240		5.84	1.9460
25	10.119	4172		3.36	1.1213
26	10.493	11533		9.30	3.0996
28	10.935	1779		1.43	0.4782
29	11.039	28510		22.99	7.6626
30	11.279	3182		4.00	1.3329
31	11.488	18149		22.81	7.6023
33	11.963	3199		4.02	1.3398
	12.695	216919	AR1248	53.18	17.7265
35	13.113	9520		8.65	2.8820
36	13.588	418		0.44	0.1478
37	13.878	897		0.95	0.3176
39	14.120	1581		1.68	0.5595
40	14.791	51009		54.16	18.0524
41	14.961	9518		10.11	3.3685
42	15.286	1281		1.36	0.4535
43	15.925	601		0.64	0.2126
44	16.227	833		0.88	0.2948
45	16.308	782		0.83	0.2769
46	16.424	388		0.41	0.1372
47	16.963	1980		2.10	0.7007
48	17.374	8749		9.29	3.0962
49	17.538	13262		14.08	4.6934
50	18.133	50722		53.85	17.9508
51	18.230	17505		18.59	6.1950
52	18.869	17144		18.20	6.0673
53	19.168	1490		1.58	0.5273
54	19.361	289		0.31	0.1024
55	19.631	170320		180.83	60.2775
56	20.333	11564		0.38	0.1255
57	20.539	4990		0.16	0.0542
58	20.653	4443		0.14	0.0482
59	20.776	3068		0.10	0.0333
60	21.012	3067		0.10	0.0333
61	21.468	216495		7.05	2.3504
62	22.215	780		0.03	0.0085
63	23.170	2319		0.08	0.0252
64	23.499	1864		0.06	0.0202
65	23.615	2838		0.09	0.0308
66	24.014	8641		0.28	0.0938
67	24.197	3621		0.12	0.0393
68	24.535	3465		0.11	0.0376
69	24.710	318		0.01	0.0035
70	24.916	2457		0.08	0.0267
71	25.098	1647		0.05	0.0179
72	25.236	4278		0.14	0.0464
73	25.394	6861		0.22	0.0745
74	25.661	1380		0.04	0.0150
75	26.076	846102	Decachlorobiphenyl	27.56	9.1859
76	26.729	1967		0.06	0.0214
77	27.868	2259		0.07	0.0245
78	28.892	1618		0.05	0.0176
79	29.867	885		0.03	0.0096
		16782890		1195.49	398.4968

-1220-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

38	14.012	2185 AR1248-4	2.32	0.7733
27	10.685	24015 AR1248-1	19.36	6.4544
32	11.853	7874 AR1248-2	9.90	3.2984
34	12.695	182845 AR1248-3	166.05	55.3502

	216919		197.63	65.8763

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

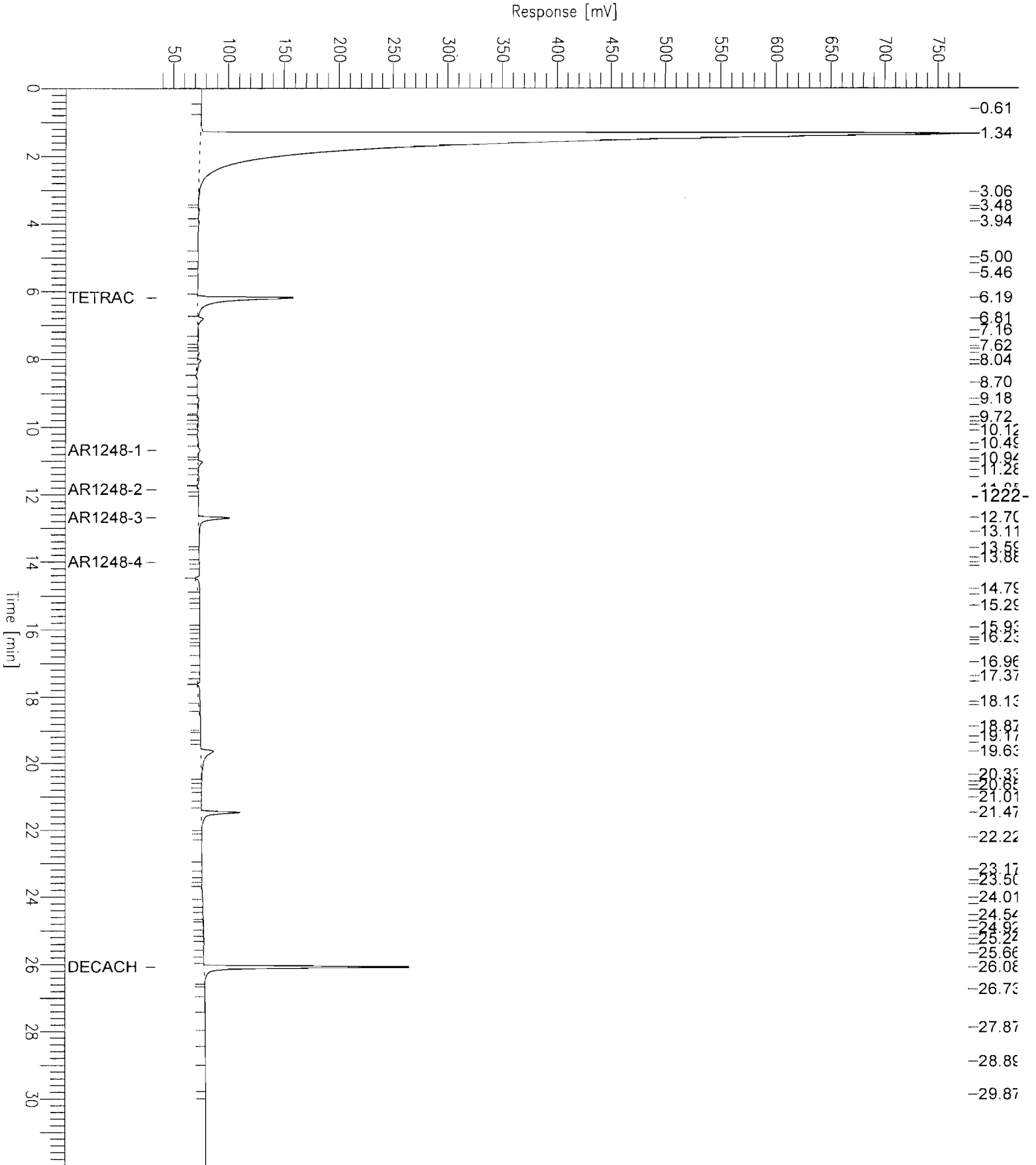
Report stored in ASCII file: C:\DATA65\IC09024.TX0

Chromatogram - ECD#1

Sample Name : ckpiblk
FileName : C:\DATA65\Ic09024.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

Sample #: 24
Date : 12/22/05 03:19 PM
Time of Injection: 12/10/05 04:15 AM
Low Point : 34.60 mV
Plot Scale: 744.6 mV

Page 1 of 1



PCB

UPSTATE LABORATORIES, INC. CONTINUING CALIBRATION

S44-0-66

Revised 11/95

Instrument No. 65

Column RTX CLP 2

ID 0.32mm

Initial Calbr. Date: 2/28/05

Continuing Calibr. Date 12/9/05

Time 4:09 PM

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1254	1	11.83			250	260.55	104
	2	14.12			250	271.91	109
	3	14.79			250	239.11	96
	4	16.32			250	227.63	91
	5						
	6						
	7						
	8						
	9						
	10						

Continuing Calibr. Date 12-10-05 Time 4:51AM

-1223-

Aroclor	Peak	RT Windows			Actual (ppb)	Found (ppb)	% Diff.
		RT	From	To			
1242	1	10.68			250	250.21	100
	2	11.96			250	293.58	117
	3	14.00			250	204.85	82
	4						
	5						
	6						
	7						
	8						
	9						
	10						

Criteria:

Methods 8080 & If the CC is >15% of the predicted response, a new 5 point curve is prepared.

EPA Method 608 The laboratory reference sample (RS) serves as a continuing calibration standard

Prepared by: _____

Date: _____

Software Version: 4.1<2F12>
Sample Name : ar1242 250ppb
Sample Number: 25
Operator : manager

Time : 12/22/05 03:19 PM
Study :

Instrument : HP-SFC Channel : B A/D mV Range : 1000
AutoSampler : HP7673A
Rack/Vial : 0/24

Interface Serial # : NONE Data Acquisition Time: 12/10/05 04:51 AM
Delay Time : 0.00 min.
End Time : 32.00 min.
Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09025.RAW
Result File : C:\DATA65\IC09025.RST
Inst Method : PCB2CH from C:\DATA65\IC09025.RST
Proc Method : C:\DATA65\I1242228.mth
Calib Method : C:\DATA65\I1242228.mth
Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL Area Reject : 99.000000
Sample Amount : 1.0000 Dilution Factor : 1.00

Noise Threshold: 10 Area Threshold : 100 Bunch Factor: 3
Multiplier : 10.0000 Divisor : 30.0000 Addend : 0.0000
% Solids : SDG Name :
Date Recieve : Client Name :
DEC Sample N :

-1224-

Instrument Conditions:
HP-SFC

Total number of peaks detected: 70

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.571	22071		0.91	0.3032
2	1.333	1514223		62.39	20.7982
3	3.577	1267		0.05	0.0174
4	3.935	2679		0.11	0.0368
5	4.887	1770		0.07	0.0243
6	5.470	925		0.04	0.0127
7	6.176	610	Tetrachloro-m-xylene	0.03	0.0084
8	6.614	15748		0.65	0.2163

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.806	10178		0.42	0.1398
10	7.166	21325		0.88	0.2929
11	7.624	25132		1.04	0.3452
12	7.820	181555		7.48	2.4937
13	8.547	28074		15.25	5.0823
14	9.169	325309		176.67	58.8916
15	9.525	27216		14.78	4.9270
16	9.848	55019		29.88	9.9602
17	9.951	127675		69.34	23.1133
18	10.338	26297		14.28	4.7606
19	10.410	27490		14.93	4.9766
	10.684	703822	AR1242	249.39	83.1298
21	11.130	202995		110.25	36.7488
22	11.471	67197		141.34	47.1124
23	11.559	58961		124.02	41.3386
24	11.826	129536		272.46	90.8192
26	12.081	131009		275.56	91.8520
27	12.706	193337		406.65	135.5506
28	12.832	85842		180.56	60.1851
29	13.113	173866		343.97	114.6579
30	13.397	4527		8.96	2.9854
31	13.601	36661		72.53	24.1763
32	13.774	56874		112.52	37.5064
34	14.136	190457		376.80	125.5989
35	14.368	24436		48.34	16.1147
36	14.580	14885		29.45	9.8160
37	14.782	24875		49.21	16.4040
38	14.901	14946		29.57	9.8565
39	15.516	4249		8.41	2.8022
40	15.718	30453		60.25	20.0826
41	15.920	36027		71.27	23.7581
42	16.104	20286		40.13	13.3779
43	16.310	68893		136.30	45.4321
44	16.650	2611		5.17	1.7218
45	16.761	579		1.15	0.3818
46	16.857	12947		25.61	8.5383
47	16.961	18173		35.95	11.9843
48	17.090	41410		81.93	27.3085
49	17.386	4324		8.55	2.8512
50	17.488	7716		15.26	5.0883
51	17.691	16270		32.19	10.7293
52	18.129	9257		18.31	6.1045
53	18.237	27912		55.22	18.4071
54	18.496	7542		14.92	4.9738
55	18.657	4378		8.66	2.8871
56	18.873	37855		74.89	24.9639
57	19.191	5250		10.39	3.4621
58	19.344	2033		4.02	1.3404
59	19.690	20652		40.86	13.6193
60	20.043	2576		0.08	0.0280
61	20.379	874		0.03	0.0095
62	20.555	249		0.01	0.0027
63	20.657	754		0.02	0.0082
64	21.013	2873		0.09	0.0312
65	21.472	42813		1.39	0.4648
66	22.231	2127		0.07	0.0231
67	23.627	360		0.01	0.0039
68	24.378	1561		0.05	0.0170
69	26.077	2155	Decachlorobiphenyl	0.07	0.0234
70	28.964	24122		0.79	0.2619
		4988070		3992.82	1330.9412

-1225-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
20	10.684	460699	AR1242-1	250.21	83.4019
25	11.958	139580	AR1242-2	293.58	97.8613
33	14.002	103543	AR1242-3	204.85	68.2823
		703822		748.64	249.5455

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

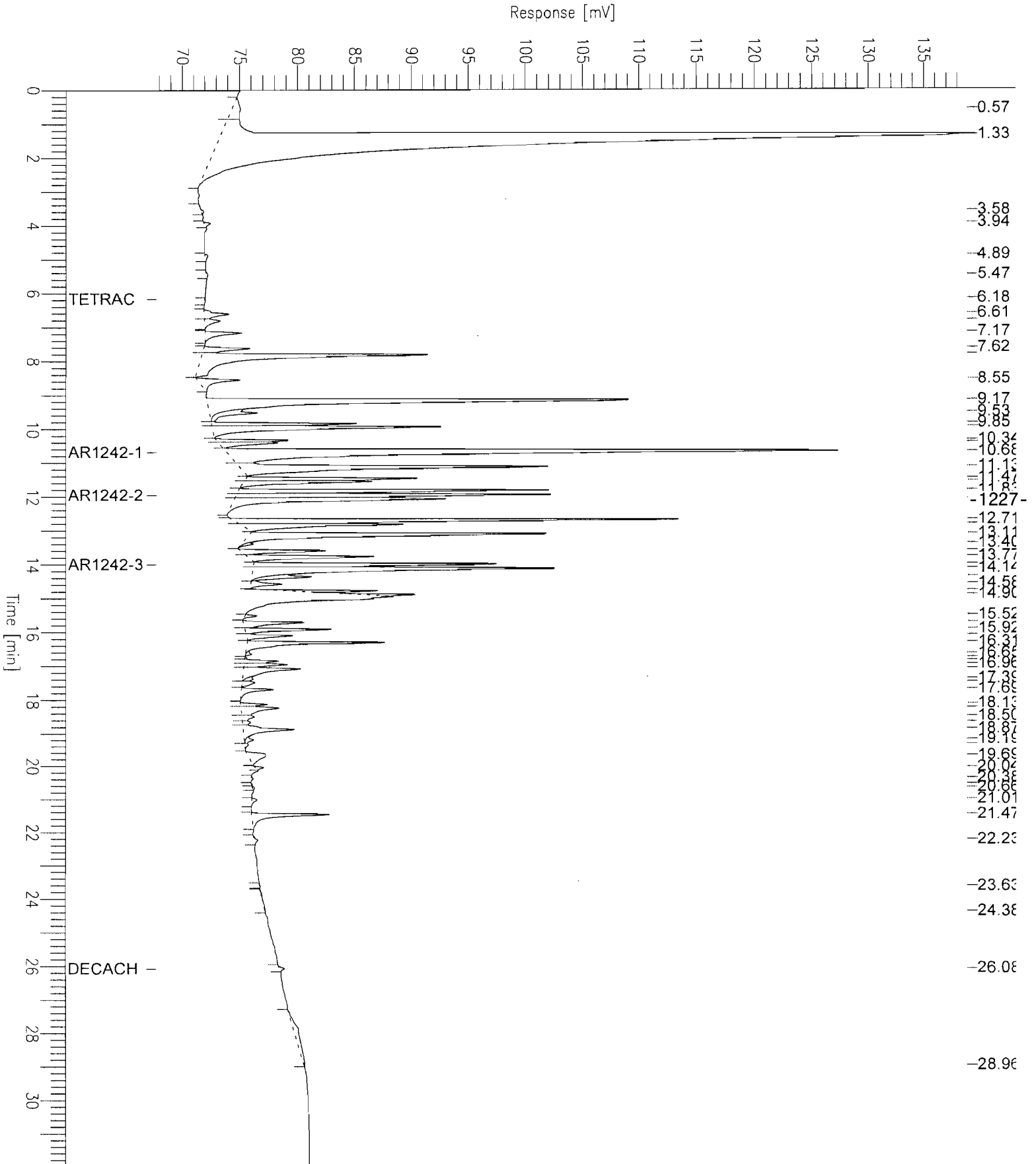
=====
Report stored in ASCII file: C:\DATA65\IC09025.TX0

Chromatogram - ECD#1

Sample Name : ar1242 250ppb
 FileName : C:\DATA65\Ic09025.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 68 mV

Sample #: 25
 Date : 12/22/05 03:19 PM
 Time of Injection: 12/10/05 04:51 AM
 Low Point : 67.77 mV
 Plot Scale: 71.1 mV
 High Point : 138.84 mV



Raw Quality Control Data

1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. PBS

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

MB--5270

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 0

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/5/05

Injection Vol.: 2 (uL)

Time Analyzed:

7:53PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	33	U
11104-28-2	Aroclor 1221	33	U
11141-16-5	Aroclor 1232	33	U
53469-21-9	Aroclor 1242	33	U
12672-29-6	Aroclor 1248	33	U
11097-69-1	Aroclor 1254	33	U
11096-82-5	Aroclor 1260	33	U

-1229-

Software Version: 4.1<2F12>

Sample Name : mb-5270

Time : 12/7/05 03:48 PM

Sample Number: 4

Study : 5270

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/4

Interface Serial # : NONE Data Acquisition Time: 12/5/05 07:53 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05004.RAW

Result File : C:\DATA65\HC05004.RST

Inst Method : PCB2CH from C:\DATA65\HC05004.RST

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

-1230-

Instrument Conditions:

HP-SFC

Total number of peaks detected: 27

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.813	2852368		320.47	106.8239
2	3.207	1050		0.12	0.0393
3	3.654	1366		0.15	0.0512
4	3.978	225		0.03	0.0084
5	4.883	521		0.06	0.0195
6	6.172	1111		0.12	0.0416
7	7.101	95987	Tetrachloro-m-xylene	10.78	3.5948
8	7.563	10868		1.22	0.4070

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	8.210	686		0.08	0.0257
10	8.785	2484		9.36	3.1199
12	10.756	6802		19.43	6.4774
	11.665	527	AR1242	0.59	0.1953
14	11.789	553		1.58	0.5262
15	12.561	5413		15.46	5.1546
16	13.152	363		1.04	0.3456
17	15.520	7162		25.25	8.4169
18	18.227	225		0.79	0.2641
19	18.544	5358		18.89	6.2967
20	19.266	324		1.14	0.3807
21	19.568	711		2.51	0.8357
22	20.367	382		1.35	0.4489
23	22.211	5004		0.30	0.0990
24	24.596	1407		0.08	0.0278
25	25.907	10906		0.65	0.2157
26	27.179	15038		0.89	0.2975
27	27.711	198759	Decachlorobiphenyl	11.79	3.9316
		3225600		444.14	148.0452

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
11	9.707	194	AR1242-1	0.73	0.2439
13	11.665	333	AR1242-2	0.95	0.3168
0	15.178	0	AR1242-3	0.00	0.0000
		527		1.68	0.5607

-1231-

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

Report stored in ASCII file: C:\DATA65\HC05004.TX0

Chromatogram - ECD#1

Sample Name : mb-5270

FileName : C:\DATA65\Hc05004.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 29 mV

Sample #: 4

Date : 12/7/05 03:48 PM

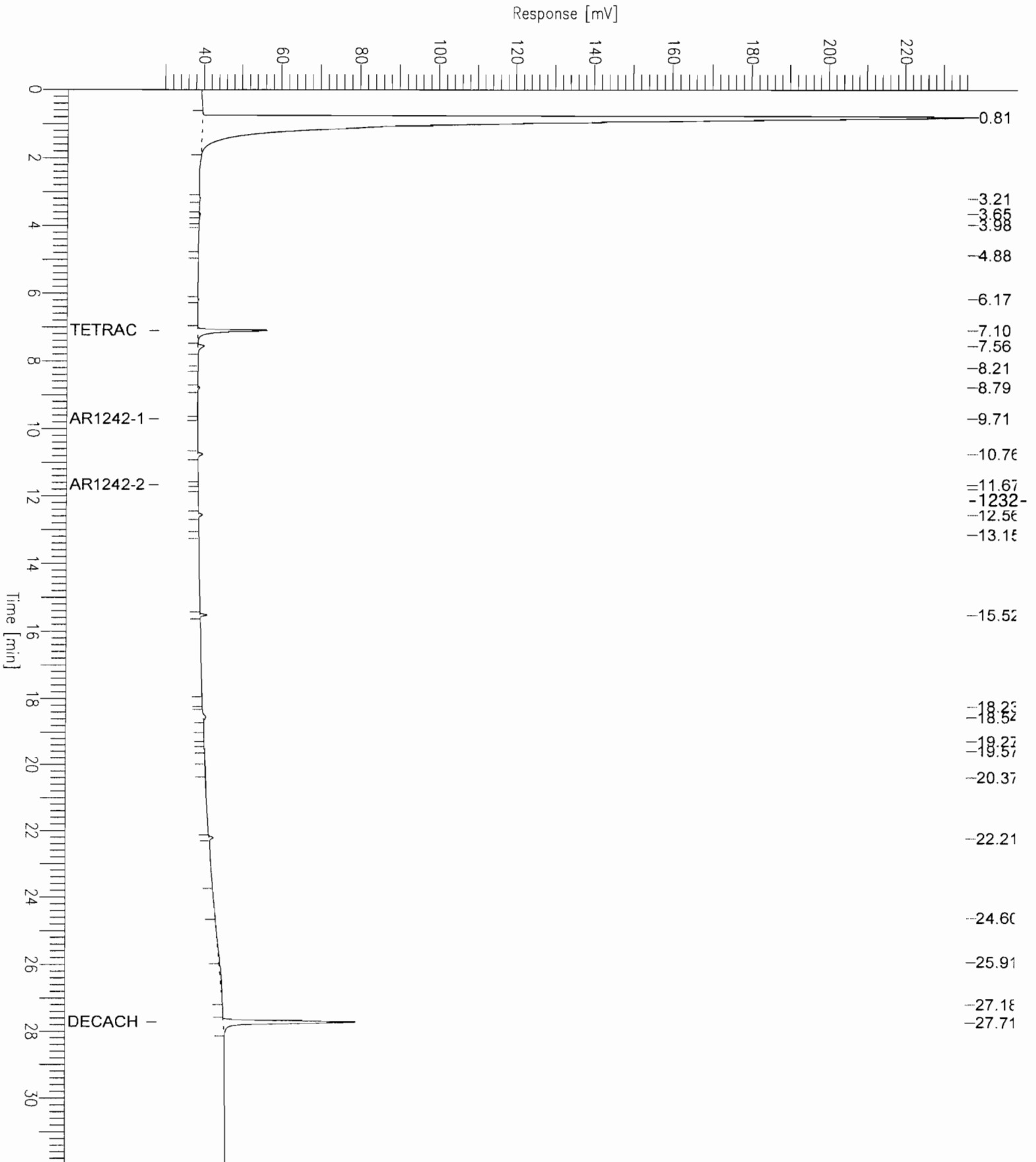
Time of Injection: 12/5/05 07:53 PM

Low Point : 28.60 mV

Plot Scale: 207.6 mV

Page 1 of 1

High Point : 236.21 mV



Software Version: 4.1<2F12>

Sample Name : mb-5270

Time : 12/9/05 12:44 PM

Sample Number: 5

Study : 5270

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/4

Interface Serial # : NONE Data Acquisition Time: 12/5/05 08:29 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05005.RAW

Result File : C:\DATA65\IC05005.RST

Inst Method : PCB2CH from C:\DATA65\IC05005.RST

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

-1233-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 51

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.444	8256		0.34	0.1134
2	1.341	5987208		246.71	82.2356
3	3.067	2270		0.09	0.0312
4	3.567	4537		0.19	0.0623
5	3.928	2698		0.11	0.0371
6	4.103	1810		0.07	0.0249
7	6.190	354179	Tetrachloro-m-xylene	14.59	4.8647
8	6.805	3046		0.13	0.0418

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.131	17690		0.73	0.2430
10	7.381	4444		0.18	0.0610
11	7.707	7980		0.33	0.1096
12	9.177	1542		0.84	0.2792
13	9.358	430		0.23	0.0778
14	10.488	1386		0.75	0.2509
16	11.038	20349		11.05	3.6838
17	11.471	1398		2.94	0.9800
18	11.865	1190		2.50	0.8341
19	12.186	1272		2.68	0.8920
20	12.697	15156		31.88	10.6261
21	13.111	372		0.74	0.2451
22	13.592	450		0.89	0.2970
23	13.776	209		0.41	0.1381
	13.997	1296	AR1242	0.46	0.1531
25	14.138	785		1.55	0.5174
26	14.226	711		1.41	0.4686
27	14.786	6033		11.94	3.9784
28	15.027	560		1.11	0.3694
29	16.311	841		1.66	0.5546
30	16.423	295		0.58	0.1946
31	16.657	139		0.28	0.0917
32	16.969	731		1.45	0.4824
33	18.239	32832		64.95	21.6513
34	18.882	11480		22.71	7.5709
35	19.184	862		1.71	0.5684
36	19.358	931		1.84	0.6138
37	19.625	1324		2.62	0.8734
38	20.153	486		0.02	0.0053
39	21.008	1610		0.05	0.0175
40	21.468	12859		0.42	0.1396
41	22.208	1096		0.04	0.0119
42	22.794	814		0.03	0.0088
43	22.983	881		0.03	0.0096
44	23.171	206		0.01	0.0022
45	23.616	3271		0.11	0.0355
46	24.264	26983		0.88	0.2929
47	25.083	18625		0.61	0.2022
48	25.238	1657		0.05	0.0180
49	26.074	505704	Decachlorobiphenyl	16.47	5.4903
50	27.796	4480		0.15	0.0486
51	28.898	11360		0.37	0.1233
		7086724		451.87	150.6223

-1234-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
15	10.696	520	AR1242-1	0.28	0.0942
0	11.942	0	AR1242-2	0.00	0.0000
24	13.997	776	AR1242-3	1.54	0.5117
		1296		1.82	0.6059

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\IC05005.TX0

Chromatogram - ECD#1

Sample Name : mb-5270

FileName : C:\DATA65\Ic05005.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 57 mV

Sample #: 5

Date : 12/9/05 12:44 PM

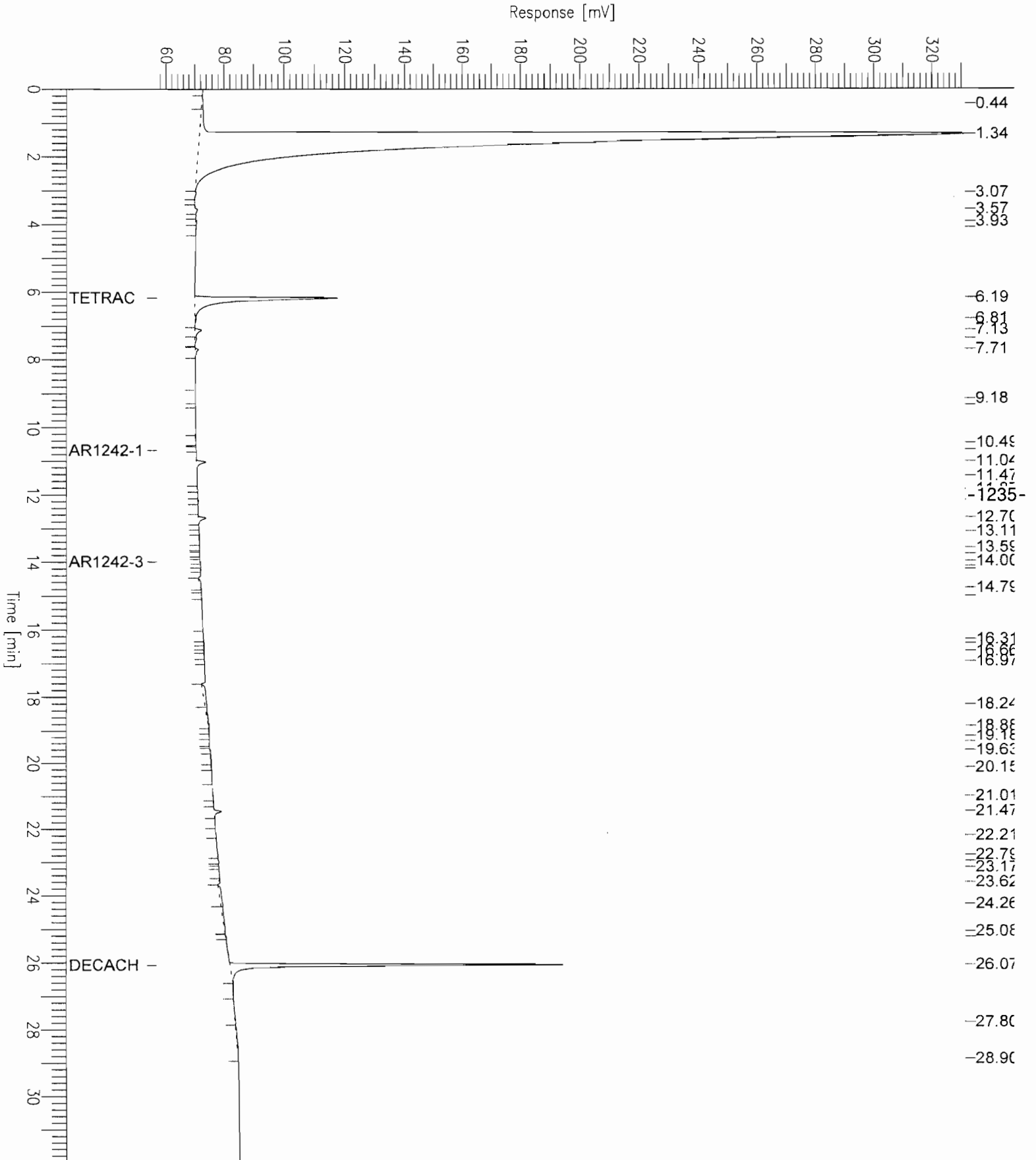
Time of Injection: 12/5/05 08:29 PM

Low Point : 56.89 mV

Plot Scale: 274.4 mV

Page 1 of 1

High Point : 331.29 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET

NYSDEC SAMPLE NO. LCS

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

LCS-5270

Sample wt.: 30

(G)

Lab File ID:

12856

% Moisture: 0

Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/5/05

Injection Vol.: 2 (uL)

Time Analyzed:

8:29PM

GPC Cleanup: No

pH:

Dilution Factor:

1

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		33	U
11104-28-2	Aroclor 1221		33	U
11141-16-5	Aroclor 1232		33	U
53469-21-9	Aroclor 1242		48	
12672-29-6	Aroclor 1248		33	U
11097-69-1	Aroclor 1254		33	U
11096-82-5	Aroclor 1260		33	U

-1236-

FORM I-CLP-PCB

Software Version: 4.1<2F12>

Sample Name : lcs-5270

Time : 12/7/05 03:48 PM

Sample Number: 5

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/5

Interface Serial # : NONE Data Acquisition Time: 12/5/05 08:29 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05005.RAW

Result File : C:\DATA65\HC05005.RST

Inst Method : PCB2CH from C:\DATA65\HC05005.RST

Proc Method : C:\DATA65\H1242228.mth

Calib Method : C:\DATA65\H1242228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1237-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 78

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.819	2648319		297.55	99.1821
2	1.938	984		0.11	0.0369
3	3.159	1866		0.21	0.0699
4	3.649	3188		0.36	0.1194
5	4.880	474		0.05	0.0178
6	5.576	419		0.05	0.0157
7	5.770	384		0.04	0.0144
8	6.167	929		0.10	0.0348

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.804	4519		0.51	0.1692
10	7.099	105298	Tetrachloro-m-xylene	11.83	3.9435
11	7.560	13310		1.50	0.4985
12	7.777	5976		0.67	0.2238
13	8.060	6499		0.73	0.2434
14	8.203	1038		0.12	0.0389
15	8.374	36145		4.06	1.3537
16	8.782	13599		51.24	17.0786
18	9.809	25088		94.53	31.5087
19	10.039	2527		9.52	3.1735
20	10.347	20239		76.26	25.4185
21	10.463	19350		72.90	24.3013
22	10.755	5272		15.06	5.0201
23	10.981	604		1.73	0.5755
24	11.261	9057		25.87	8.6246
25	11.364	5758		16.45	5.4836
	11.670	130527	AR1242	145.18	48.3920
27	11.762	58078		165.92	55.3076
28	11.851	54802		156.56	52.1883
29	12.269	32474		92.78	30.9256
30	12.412	3797		10.85	3.6154
31	12.560	5212		14.89	4.9631
32	12.776	35153		100.43	33.4763
33	12.944	37438		106.96	35.6521
34	13.097	11709		33.45	11.1502
35	13.457	33087		116.65	38.8819
36	13.614	16410		57.85	19.2844
37	13.790	9887		34.86	11.6188
38	13.863	6849		24.15	8.0484
39	14.091	15247		53.75	17.9168
40	14.153	19850		69.98	23.3268
41	14.638	1487		5.24	1.7474
42	14.749	765		2.70	0.8989
43	14.935	2019		7.12	2.3721
44	15.086	26809		94.51	31.5038
46	15.331	40816		143.89	47.9638
47	15.519	32550		114.75	38.2501
48	15.812	25117		88.55	29.5162
49	15.990	23921		84.33	28.1106
50	16.166	7297		25.73	8.5752
51	16.453	1182		4.17	1.3887
52	16.654	5404		19.05	6.3501
53	16.974	7643		26.94	8.9817
54	17.154	5019		17.69	5.8978
55	17.334	12013		42.35	14.1174
56	17.668	3664		12.92	4.3062
57	17.827	2181		7.69	2.5625
58	18.012	1338		4.72	1.5727
59	18.150	359		1.26	0.4213
60	18.351	1833		6.46	2.1545
61	18.537	15788		55.66	18.5535
62	19.088	2337		8.24	2.7463
63	19.471	8328		29.36	9.7870
64	20.084	1798		6.34	2.1131
65	20.482	554		1.95	0.6511
66	20.988	338		1.19	0.3966
67	21.087	515		1.82	0.6054
68	21.246	468		1.65	0.5502
69	21.591	429		0.03	0.0085
70	22.211	3920		0.23	0.0775
71	22.465	667		0.04	0.0132
72	22.958	378		0.02	0.0075
73	23.480	1093		0.06	0.0216
74	24.740	305		0.02	0.0060
75	25.757	11546		0.69	0.2284
76	26.343	21201		1.26	0.4194
77	26.766	468		0.03	0.0093
78	27.712	227009	Decachlorobiphenyl	13.47	4.4904
		3899921		2697.81	899.2701

-1238-

Group Report For : AR1242

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
--------	------------	---------------	----------------	---------------	--------------------------------

17	9.704	39869 AR1242-1	150.22	50.0721
26	11.670	51181 AR1242-2	146.22	48.7404
45	15.189	39476 AR1242-3	139.17	46.3900

	130527		435.61	145.2024

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

Report stored in ASCII file: C:\DATA65\HC05005.TX0

Chromatogram - ECD#1

Sample Name : lcs-5270

FileName : C:\DATA65\Hc05005.raw

Method : PCB2CH

Start Time : 0.00 min

Scale Factor: 1.0

End Time : 32.00 min

Plot Offset: 30 mV

Sample #: 5

Date : 12/7/05 03:48 PM

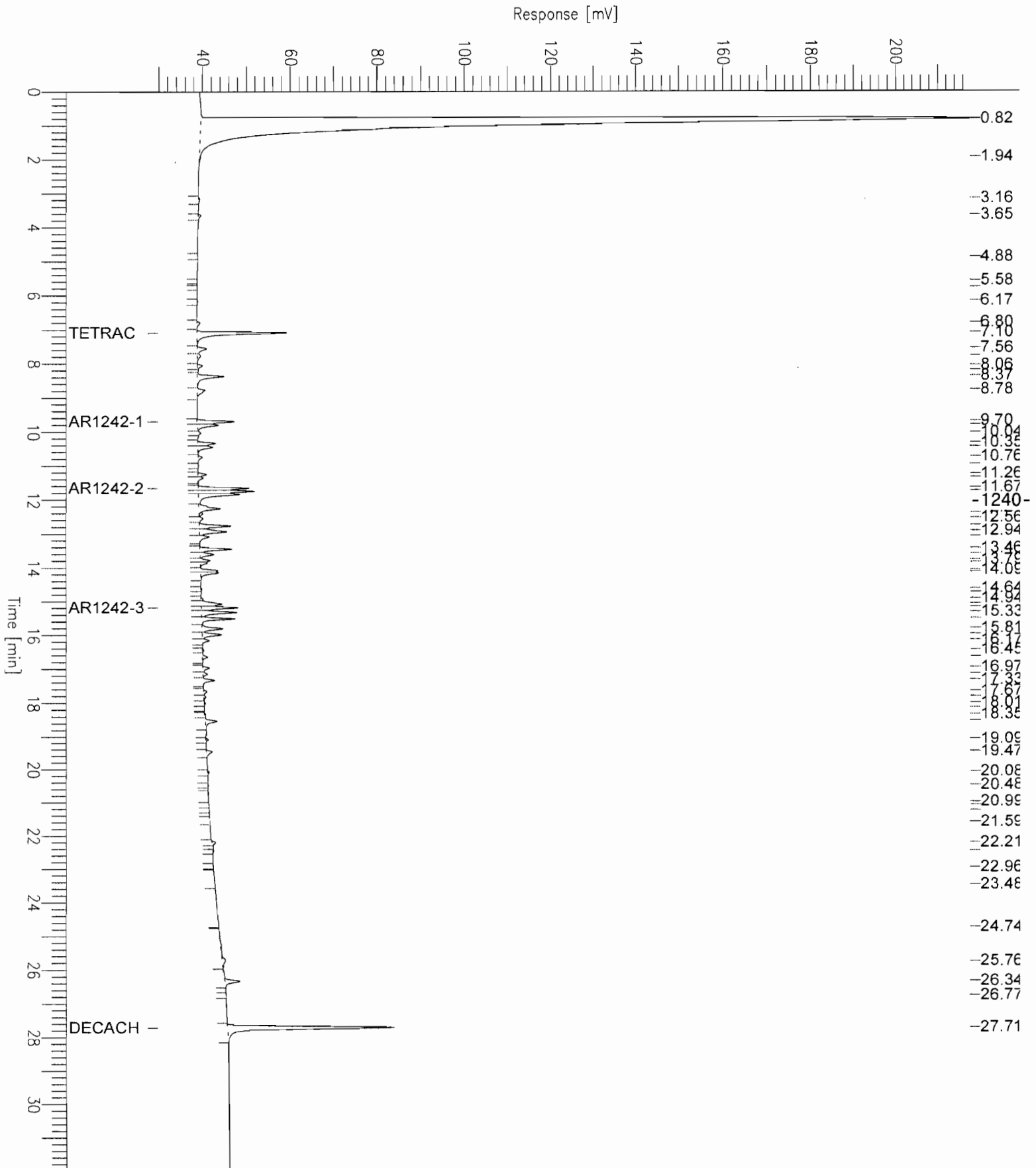
Time of Injection: 12/5/05 08:29 PM

Low Point : 29.71 mV

Plot Scale: 187.8 mV

Page 1 of 1

High Point : 217.54 mV



Software Version: 4.1<2F12>

Sample Name : lcs-5270

Time : 12/9/05 12:44 PM

Sample Number: 6

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/5

Interface Serial # : NONE Data Acquisition Time: 12/5/05 09:05 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05006.RAW

Result File : C:\DATA65\IC05006.RST

Inst Method : PCB2CH from C:\DATA65\IC05006.RST

Proc Method : C:\DATA65\I1242228.mth

Calib Method : C:\DATA65\I1242228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

-1241-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 80

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.448	1262		0.05	0.0173
2	0.691	1191		0.05	0.0164
3	1.345	5347714		220.36	73.4520
4	3.068	3839		0.16	0.0527
5	3.577	14356		0.59	0.1972
6	3.930	2538		0.10	0.0349
7	4.888	622		0.03	0.0085
8	5.014	1173		0.05	0.0161

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	6.194	330825	Tetrachloro-m-xylene	13.63	4.5439
10	6.610	10167		0.42	0.1396
11	7.154	31423		1.29	0.4316
12	7.379	6322		0.26	0.0868
13	7.627	8683		0.36	0.1193
14	7.707	19739		0.81	0.2711
15	7.822	104344		4.30	1.4332
16	8.550	13176		7.16	2.3854
17	9.171	175875		95.52	31.8392
18	9.527	16977		9.22	3.0735
19	9.850	28070		15.25	5.0817
20	9.954	67434		36.62	12.2078
21	10.338	14680		7.97	2.6575
22	10.410	15499		8.42	2.8059
	10.684	395743	AR1242	140.23	46.7419
24	11.130	121041		65.74	21.9124
25	11.471	37288		78.43	26.1430
26	11.561	28905		60.80	20.2654
27	11.828	70093		147.43	49.1434
29	12.082	69757		146.72	48.9074
30	12.709	93672		197.02	65.6747
31	12.834	45578		95.87	31.9553
32	13.113	92694		183.38	61.1279
33	13.399	2596		5.14	1.7122
34	13.602	19991		39.55	13.1830
35	13.774	35209		69.66	23.2186
37	14.139	124982		247.26	82.4208
38	14.368	21576		42.69	14.2286
39	14.582	19239		38.06	12.6874
40	14.782	27837		55.07	18.3574
41	14.902	134512		266.12	88.7054
42	15.517	3135		6.20	2.0676
43	15.718	15441		30.55	10.1828
44	15.920	16458		32.56	10.8537
45	16.104	10057		19.90	6.6325
46	16.309	33648		66.57	22.1896
47	16.652	720		1.42	0.4748
48	16.855	8503		16.82	5.6076
49	16.962	5539		10.96	3.6528
50	17.087	18540		36.68	12.2267
51	17.490	5742		11.36	3.7866
52	17.696	7318		14.48	4.8258
53	18.129	1875		3.71	1.2368
54	18.240	13927		27.55	9.1844
55	18.496	1264		2.50	0.8338
56	18.868	5880		11.63	3.8778
57	19.177	2286		4.52	1.5072
58	19.347	1677		3.32	1.1057
59	19.691	4916		9.73	3.2418
60	20.035	852		1.69	0.5618
61	20.143	1392		0.05	0.0151
62	20.384	401		0.01	0.0044
63	20.781	618		0.02	0.0067
64	21.007	2481		0.08	0.0269
65	21.467	7127		0.23	0.0774
66	21.921	1757		0.06	0.0191
67	22.213	6248		0.20	0.0678
68	22.414	3670		0.12	0.0398
69	22.981	2836		0.09	0.0308
70	23.168	511		0.02	0.0055
71	23.615	7616		0.25	0.0827
72	24.157	12015		0.39	0.1304
73	24.266	2485		0.08	0.0270
74	24.649	5387		0.18	0.0585
75	24.720	4185		0.14	0.0454
76	25.088	248		0.01	0.0027
77	25.212	39036		1.27	0.4238
78	26.073	508005	Decachlorobiphenyl	16.55	5.5153
79	27.793	4097		0.13	0.0445
80	28.926	12086		0.39	0.1312
				2634.18	878.0613

-1242-

Group Report For : AR1242

Peak	Time	Area	Component	On Column	Sample Results
------	------	------	-----------	-----------	----------------

#	[min]	[uV*sec]	Name	ppb	ug/L, ug/kg, ng
23	10.684	252532	AR1242-1	137.15	45.7166
28	11.959	75459	AR1242-2	158.72	52.9050
36	14.001	67752	AR1242-3	134.04	44.6799

		395743		429.90	143.3015

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

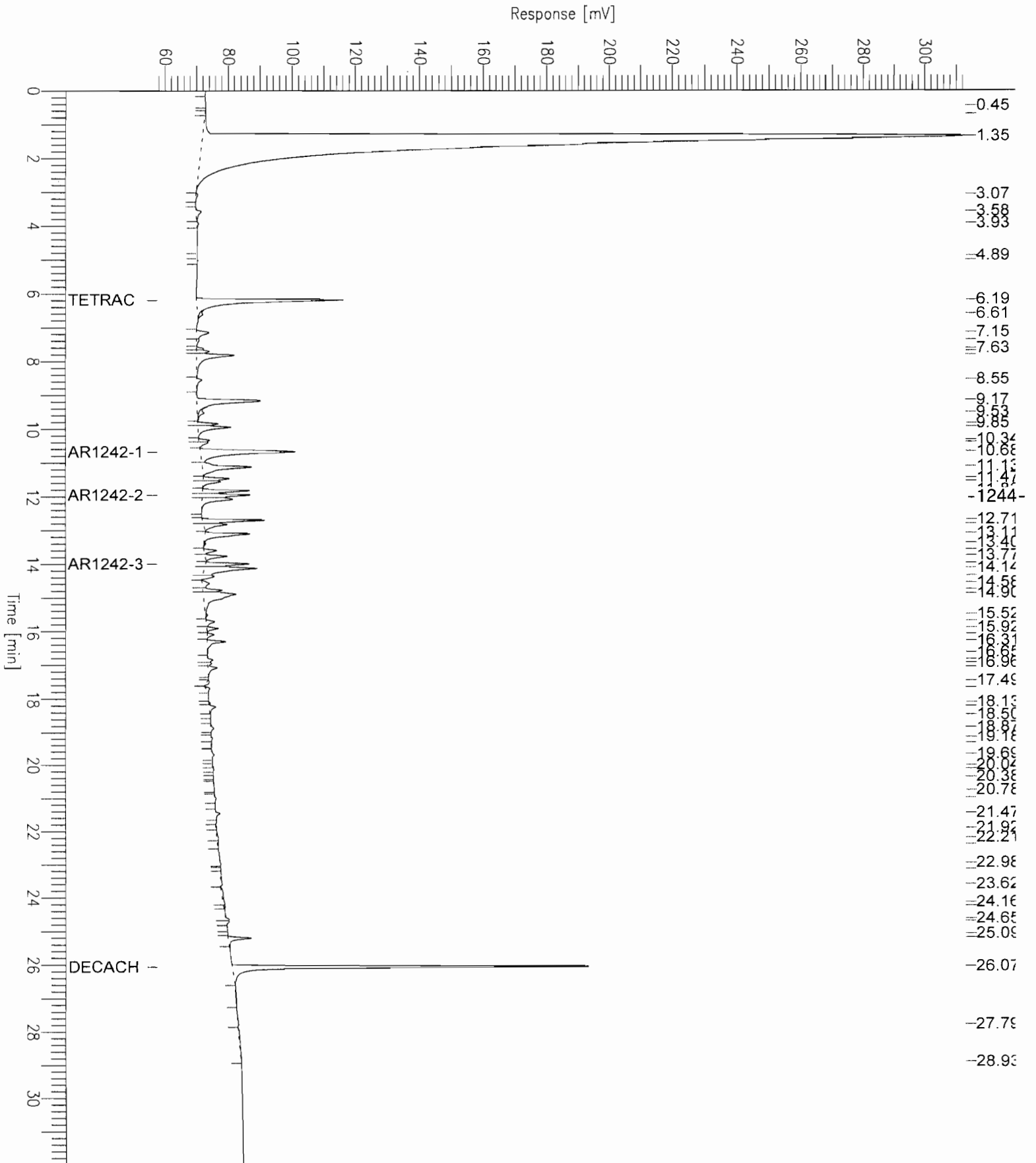
Report stored in ASCII file: C:\DATA65\IC05006.TX0

Chromatogram - ECD#1

Sample Name : lcs-5270
 FileName : C:\DATA65\lc05006.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 58 mV

Sample #: 6
 Date : 12/9/05 12:44 PM
 Time of Injection: 12/5/05 09:05 PM
 Low Point : 57.56 mV
 High Point : 312.96 mV
 Plot Scale: 255.4 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET
NYSDEC SAMPLE NO. SS-121MS

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170

Case No.:

SAS No.:

SDG No.: DEC21

Matrix: SOIL

Lab Sample ID:

U0511380-021AMS

Sample wt.: 30 (G)

Lab File ID:

12856

% Moisture: 15.13 Decanted: NO

Date Received:

11/23/05

Extraction: SONC

Date Extracted:

11/29/05

Conc Extract Vol.: 10 (ML)

Date Analyzed:

12/9/05

Injection Vol.: 2 (uL)

Time Analyzed:

9:36PM

GPC Cleanup: No pH:

Dilution Factor:

10

Instr. ID: ULI 65.0

Sulfur Cleanup:

Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS		Q
			ug/KG	
12674-11-2	Aroclor 1016		390	U
11104-28-2	Aroclor 1221		390	U
11141-16-5	Aroclor 1232		390	U
53469-21-9	Aroclor 1242		390	U
12672-29-6	Aroclor 1248		4014	
11097-69-1	Aroclor 1254		390	U
11096-82-5	Aroclor 1260		390	U

-1245-

Software Version: 4.1<2F12>

Sample Name : 0511380-021ams

Time : 12/9/05 11:01 AM

Sample Number: 30

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/30

Interface Serial # : NONE Data Acquisition Time: 12/6/05 11:35 AM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05030.RAW

Result File : C:\DATA65\HC05030.RST

Inst Method : PCB2CH from C:\DATA65\HC05030.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1246-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 140

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.824	3140952		352.90	117.6317
2	1.803	2160		0.24	0.0809
3	2.070	1476		0.17	0.0553
4	2.387	1198		0.13	0.0449
5	2.484	2405		0.27	0.0901
6	2.643	3657		0.41	0.1370
7	2.914	381		0.04	0.0143
8	3.186	3405		0.38	0.1275

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.643	1443		0.16	0.0541
10	3.823	1914		0.22	0.0717
11	4.050	2109		0.24	0.0790
12	4.402	9110		1.02	0.3412
13	4.569	1141		0.13	0.0427
14	4.970	5909		0.66	0.2213
15	5.238	13367		1.50	0.5006
16	5.483	7469		0.84	0.2797
17	5.578	11398		1.28	0.4269
18	5.827	4852		0.55	0.1817
19	5.956	1264		0.14	0.0473
20	6.118	1169		0.13	0.0438
21	6.316	371		0.04	0.0139
22	6.443	1023		0.11	0.0383
23	6.712	403203		45.30	15.1004
24	7.098	114616	Tetrachloro-m-xylene	12.88	4.2925
25	7.562	4297		0.48	0.1609
26	7.687	2432		0.27	0.0911
27	7.759	6874		0.77	0.2575
28	8.067	7866		0.88	0.2946
29	8.376	24677		2.77	0.9242
30	8.758	102815		11.55	3.8505
31	8.990	36873		4.14	1.3809
32	9.332	1899		0.21	0.0711
33	9.554	4625		0.52	0.1732
34	9.707	85316		9.59	3.1952
35	9.810	42114		4.73	1.5772
36	10.045	10653		26.84	8.9472
37	10.350	56189		141.58	47.1918
38	10.467	55887		140.81	46.9377
39	10.766	10226		25.77	8.5886
40	10.977	737		1.86	0.6189
41	11.264	23498		59.21	19.7356
42	11.360	8846		22.29	7.4295
43	11.678	330565		832.90	277.6325
44	11.764	470744		1186.09	395.3642
45	12.204	100213		252.50	84.1662
46	12.264	86464		217.86	72.6189
47	12.421	45903		115.66	38.5525
48	12.564	6835		17.22	5.7408
50	12.950	1371409		3455.42	1151.8078
51	13.103	550213		1386.33	462.1084
53	13.621	508719		1272.85	424.2849
54	13.796	495996		1241.02	413.6730
55	14.096	1547845		3872.83	1290.9422
56	14.478	21696		43.78	14.5949
57	14.645	39905		80.53	26.8443
58	14.759	69975		141.22	47.0723
59	14.946	77666		156.74	52.2454
60	15.091	1864596		3762.93	1254.3100
	15.199	8326979	AR1248	5050.80	1683.6002
62	15.342	4265301		8607.78	2869.2598
63	15.552	396455		1111.84	370.6147
65	15.992	2884738		8090.14	2696.7144
66	16.175	1603082		4495.78	1498.5950
67	16.458	295478		828.66	276.2190
68	16.659	1088668		3053.13	1017.7101
69	16.981	2103518		5899.24	1966.4132
70	17.159	1342845		3765.96	1255.3202
71	17.339	3078407		8633.28	2877.7610
72	17.587	129788		363.99	121.3290
73	17.676	854769		2397.17	799.0567
74	17.823	375509		1053.10	351.0339
75	18.014	397055		1113.53	371.1754
76	18.157	111546		312.83	104.2753
77	18.235	120485		337.90	112.6318
78	18.342	597768		1676.42	558.8067
79	18.539	3114862		8735.52	2911.8395
80	18.702	144895		406.35	135.4505
81	18.775	162011		454.36	151.4518
82	18.885	543076		1523.04	507.6789
83	19.095	820460		2300.95	766.9834
84	19.272	16387		45.96	15.3190
85	19.472	2971878		8334.53	2778.1752
86	19.736	267740		750.87	250.2895
87	19.872	76736		215.20	71.7349
88	19.982	287126		805.23	268.4111
89	20.085	1165730		3269.25	1089.7494
90	20.236	210067		589.12	196.3747
91	20.371	45189		126.73	42.2435

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	20.483	132231		370.84	123.6122
93	20.572	174663		489.84	163.2785
94	20.695	51030		143.11	47.7040
95	20.765	85114		238.70	79.5664
96	20.903	35173		98.64	32.8804
97	21.087	381089		1068.75	356.2503
98	21.248	199198		558.64	186.2146
99	21.503	90311		253.27	84.4248
100	21.591	41614		116.71	38.9019
101	21.735	250222		701.74	233.9132
102	21.885	4532		0.27	0.0896
103	21.980	87441		5.19	1.7297
104	22.170	146152		8.67	2.8910
105	22.297	36592		2.17	0.7238
106	22.472	321975		19.11	6.3690
107	22.627	88758		5.27	1.7557
108	22.805	39676		2.35	0.7848
109	23.000	11930		0.71	0.2360
110	23.172	23704		1.41	0.4689
111	23.315	17197		1.02	0.3402
112	23.478	169639		10.07	3.3556
113	23.548	114250		6.78	2.2600
114	23.636	53236		3.16	1.0530
115	23.809	167103		9.92	3.3054
116	24.103	21931		1.30	0.4338
117	24.332	9603		0.57	0.1900
118	24.559	15336		0.91	0.3034
119	24.678	7738		0.46	0.1531
120	24.896	99377		5.90	1.9658
121	25.076	166484		9.88	3.2932
122	25.682	147158		8.73	2.9109
123	25.804	22844		1.36	0.4519
124	25.924	39494		2.34	0.7812
125	26.286	388241		23.04	7.6798
126	26.773	119145		7.07	2.3568
127	27.376	1065643		63.24	21.0794
128	27.714	237508	Decachlorobiphenyl	14.09	4.6981
129	27.863	38940		2.31	0.7703
130	28.160	35724		2.12	0.7067
131	28.499	18885		1.12	0.3736
132	28.774	7731		0.46	0.1529
133	29.211	23669		1.40	0.4682
134	29.354	79916		4.74	1.5808
135	29.832	28846		1.71	0.5706
136	30.131	7655		0.45	0.1514
137	30.658	43433		2.58	0.8592
138	30.985	101127		6.00	2.0004
139	31.381	42225		2.51	0.8352
140	31.790	869		0.05	0.0172
		55101465		107539.23	35846.4110

-1248-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
64	15.817	2419782	AR1248-4	6786.19	2262.0642
49	12.780	1482891	AR1248-1	3736.31	1245.4380
52	13.461	1219967	AR1248-2	3052.45	1017.4837
61	15.199	3204339	AR1248-3	6466.66	2155.5524
		8326979		20041.61	6680.5383

=====
 INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
 =====

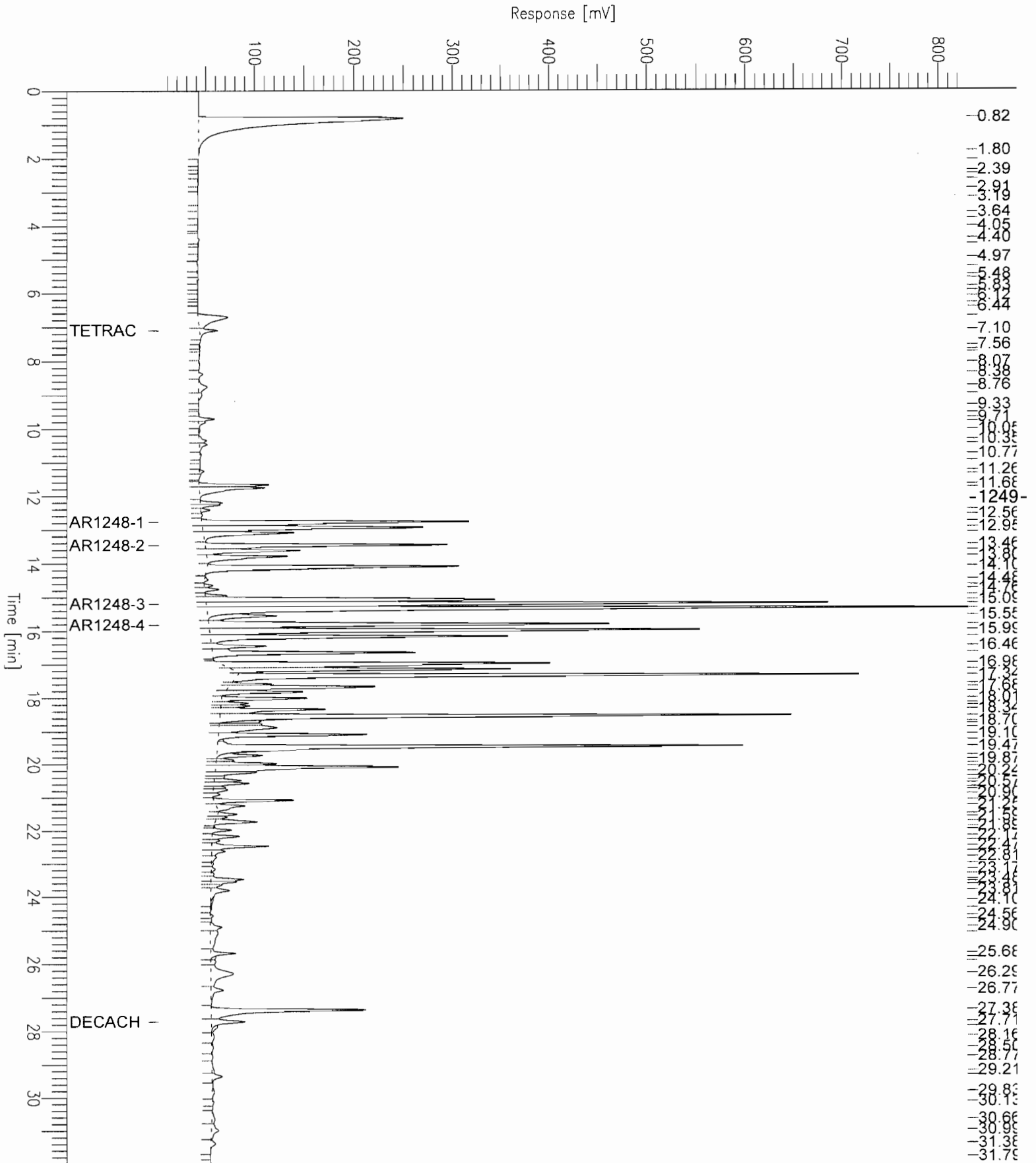
Chromatogram - ECD#1

Sample Name : 0511380-021ams
FileName : C:\DATA65\Hc05030.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 1 mV

Sample #: 30
Date : 12/9/05 11:01 AM
Time of Injection: 12/6/05 11:35 AM
Low Point : 0.76 mV
Plot Scale: 828.8 mV
High Point : 829.57 mV

Page 1 of 1



Software Version: 4.1<2F12>

Sample Name : 0511380-021ams

Time : 12/9/05 12:47 PM

Sample Number: 31

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/30

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:11 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05031.RAW

Result File : C:\DATA65\IC05031.RST

Inst Method : PCB2CH from C:\DATA65\IC05031.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1250-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 143

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.515	2097		0.09	0.0288
2	1.349	6178227		254.58	84.8593
3	2.668	12086		0.50	0.1660
4	2.846	4772		0.20	0.0655
5	3.222	1009		0.04	0.0139
6	3.563	7693		0.32	0.1057
7	3.902	14443		0.60	0.1984
8	4.136	14379		0.59	0.1975

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	4.358	32917		1.36	0.4521
10	4.474	30257		1.25	0.4156
11	4.675	14956		0.62	0.2054
12	5.017	25569		1.05	0.3512
13	5.221	18852		0.78	0.2589
14	5.303	16854		0.69	0.2315
15	5.570	20060		0.83	0.2755
16	5.770	4061		0.17	0.0558
17	5.837	1559		0.06	0.0214
18	5.981	3440		0.14	0.0472
19	6.197	273188	Tetrachloro-m-xylene	11.26	3.7523
20	6.629	6864		0.28	0.0943
21	6.748	6590		0.27	0.0905
22	6.940	16099		0.66	0.2211
23	7.165	39284		1.62	0.5396
24	7.373	31898		1.31	0.4381
25	7.617	42706		1.76	0.5866
26	7.699	27688		1.14	0.3803
27	7.816	80848		3.33	1.1105
28	8.038	75742		3.12	1.0403
29	8.238	7655		0.32	0.1051
30	8.415	10082		0.42	0.1385
31	8.537	27168		21.91	7.3018
32	9.019	78489		63.29	21.0954
33	9.161	435285		350.97	116.9909
34	9.853	93757		75.60	25.1991
35	9.954	159449		128.57	42.8550
36	10.337	79877		64.41	21.4684
37	10.408	76912		62.01	20.6716
39	11.117	477194		384.76	128.2549
40	11.262	115025		144.54	48.1809
41	11.468	145126		182.37	60.7896
42	11.571	275044		345.63	115.2091
44	11.959	1978470		2486.19	828.7311
45	12.069	1679984		2111.11	703.7031
46	12.466	8521		7.74	2.5795
47	12.583	3796		3.45	1.1492
49	12.833	1187183		1078.14	359.3798
50	13.115	3413982		3100.40	1033.4682
51	13.402	60957		64.72	21.5732
52	13.606	589859		626.27	208.7557
53	13.772	1912364		2030.40	676.8003
	13.990	10685709	AR1248	2619.68	873.2269
55	14.118	6846225		7268.79	2422.9315
56	14.385	867399		920.94	306.9792
57	14.578	1199981		1274.05	424.6823
58	14.785	2800074		2972.90	990.9677
59	14.898	4463120		4738.60	1579.5325
60	14.968	4509913		4788.28	1596.0929
61	15.230	252734		268.33	89.4444
62	15.522	344620		365.89	121.9636
63	15.719	2363463		2509.34	836.4476
64	15.922	3558609		3778.26	1259.4189
65	16.106	2351324		2496.45	832.1514
66	16.295	5539788		5881.72	1960.5733
67	16.669	441187		468.42	156.1395
68	16.755	252631		268.22	89.4082
69	16.860	3065134		3254.32	1084.7746
70	17.083	4859266		5159.19	1719.7317
71	17.302	113062		120.04	40.0136
72	17.490	606907		644.37	214.7889
73	17.569	131551		139.67	46.5569
74	17.691	922154		979.07	326.3575
75	17.787	312296		331.57	110.5239
76	17.888	152888		162.32	54.1083
77	18.132	878563		932.79	310.9302
78	18.223	5095996		5410.54	1803.5122
79	18.491	223067		236.83	78.9450
80	18.657	388136		412.09	137.3642
81	18.870	2546895		2704.10	901.3658
82	19.036	904474		960.30	320.1002
83	19.185	528257		560.86	186.9542
84	19.363	142746		151.56	50.5190
85	19.419	139991		148.63	49.5440
86	19.503	99862		106.03	35.3421
87	19.685	533111		566.02	188.6720
88	19.887	19757		20.98	6.9922
89	20.039	601055		19.58	6.5255
90	20.142	264377		8.61	2.8703
91	20.311	526629		17.15	5.7175

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	20.469	16347		0.53	0.1775
93	20.554	164767		5.37	1.7888
94	20.634	207142		6.75	2.2489
95	20.784	220483		7.18	2.3937
96	21.001	853043		27.78	9.2613
97	21.197	165879		5.40	1.8009
98	21.366	85524		2.79	0.9285
99	21.585	31462		1.02	0.3416
100	21.749	17514		0.57	0.1901
101	21.912	11662		0.38	0.1266
102	22.067	129034		4.20	1.4009
103	22.216	516023		16.81	5.6023
104	22.345	129940		4.23	1.4107
105	22.412	119812		3.90	1.3008
106	22.576	50508		1.65	0.5484
107	22.762	8349		0.27	0.0906
108	22.878	14668		0.48	0.1592
109	23.044	19570		0.64	0.2125
110	23.177	53447		1.74	0.5803
111	23.336	33195		1.08	0.3604
112	23.587	128118		4.17	1.3909
113	23.985	16550		0.54	0.1797
114	24.162	279258		9.10	3.0318
115	24.265	39117		1.27	0.4247
116	24.355	43559		1.42	0.4729
117	24.621	73832		2.40	0.8016
118	25.109	332030		10.81	3.6048
119	25.233	173893		5.66	1.8879
120	25.350	52186		1.70	0.5666
121	25.445	21522		0.70	0.2337
122	25.712	118872		3.87	1.2906
123	25.860	1212670		39.50	13.1657
124	26.078	591874	Decachlorobiphenyl	19.28	6.4258
125	26.680	115770		3.77	1.2569
126	26.971	710		0.02	0.0077
127	27.064	6670		0.22	0.0724
128	27.244	1240		0.04	0.0135
129	27.529	203252		6.62	2.2067
130	27.846	64106		2.09	0.6960
131	28.026	36249		1.18	0.3935
132	28.208	21447		0.70	0.2328
133	28.491	124820		4.07	1.3551
134	28.892	9966		0.32	0.1082
135	29.083	82897		2.70	0.9000
136	29.319	45712		1.49	0.4963
137	29.620	3249		0.11	0.0353
138	30.349	93270		3.04	1.0126
139	30.491	91124		2.97	0.9893
140	30.724	126104		4.11	1.3691
141	31.183	47722		1.55	0.5181
142	31.430	13691		0.45	0.1486
143	31.585	8399		0.27	0.0912
		96381517		77517.23	25839.0776

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
54	13.990	4850465	AR1248-4	5149.85	1716.6168
38	10.681	1384679	AR1248-1	1116.48	372.1586
43	11.826	2203012	AR1248-2	2768.36	922.7862
48	12.711	2247553	AR1248-3	2041.11	680.3711
		10685709		11075.80	3691.9327

=====
INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
=====

Chromatogram - ECD#1

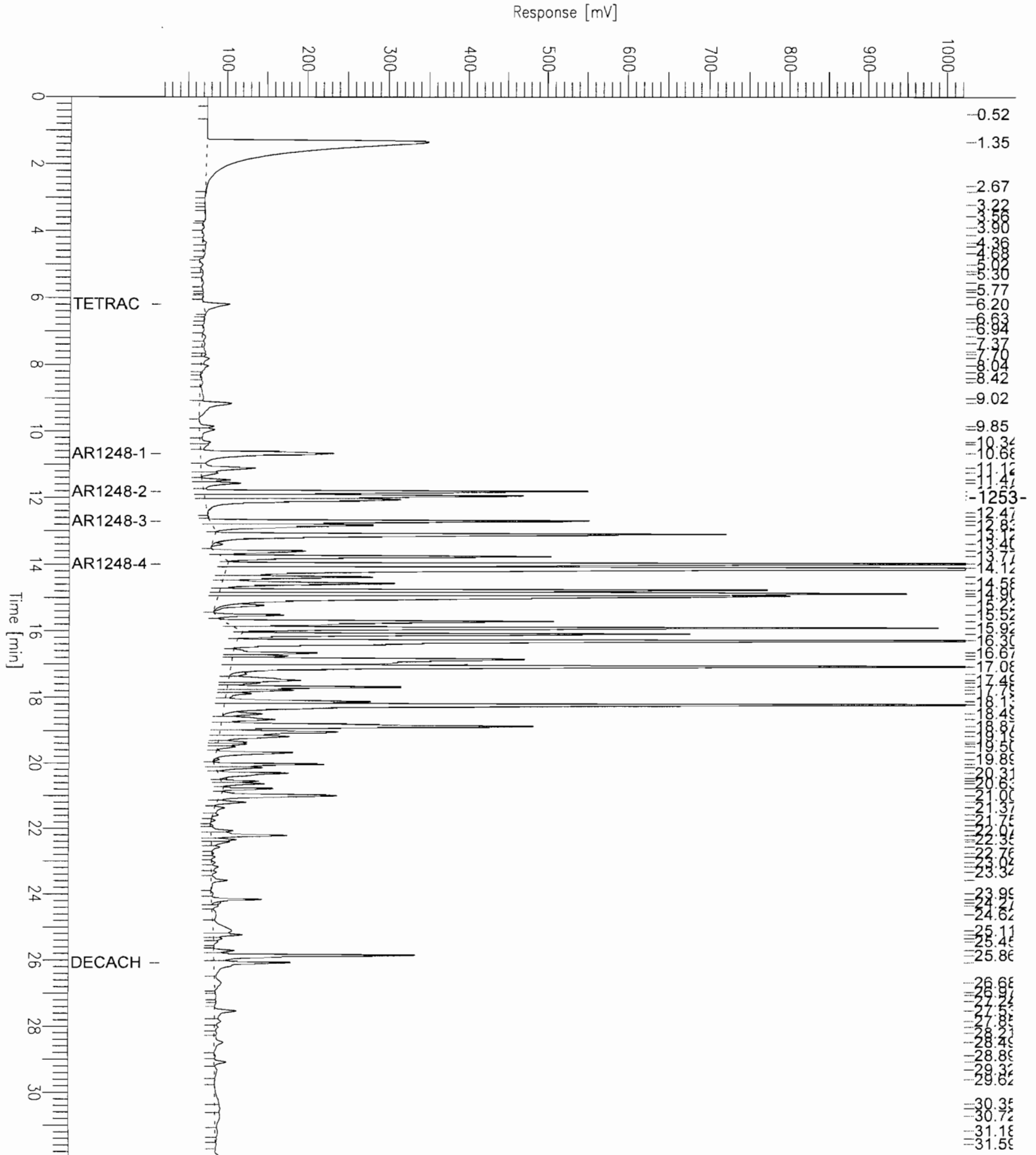
Sample Name : 0511380-021ams
FileName : C:\DATA65\1c05031.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 17 mV

Sample #: 31
Date : 12/9/05 12:47 PM
Time of Injection: 12/6/05 12:11 PM
Low Point : 16.97 mV
Plot Scale: 1007.0 mV

Page 1 of 1

High Point : 1024.00 mV



Software Version: 4.1<2F12>

Sample Name : 0511380-021ams

Time : 12/11/05 04:41 PM

Sample Number: 14

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/14

Interface Serial # : NONE Data Acquisition Time: 12/9/05 10:12 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09014.RAW

Result File : C:\DATA65\HC09014.RST

Inst Method : PCB2CH from C:\DATA65\HC09014.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

-1254-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 110

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.812	1422844		159.86	532.8691
2	3.228	784		0.09	0.2935
3	4.397	1258		0.14	0.4709
4	4.899	4325		0.49	1.6198
5	5.240	5499		0.62	2.0592
6	5.574	1808		0.20	0.6772
7	6.698	126801		14.25	47.4882
8	7.095	20070	Tetrachloro-m-xylene	2.25	7.5164

Peak #	Time [min]	Area {uV*sec}	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.561	339		0.04	0.1269
10	8.085	686		0.08	0.2571
11	8.377	3064		0.34	1.1474
12	8.731	29789		3.35	11.1563
13	8.980	10695		1.20	4.0054
14	9.321	902		0.10	0.3379
15	9.553	1208		0.14	0.4523
16	9.705	13575		1.53	5.0841
17	9.809	5706		0.64	2.1371
18	10.040	706		1.78	5.9332
19	10.350	23422		59.01	196.7152
20	10.457	17781		44.80	149.3373
21	10.853	8425		21.23	70.7634
22	10.986	2351		5.92	19.7441
23	11.266	1885		4.75	15.8348
24	11.676	50270		126.66	422.2061
25	11.762	64248		161.88	539.6045
26	12.200	25816		65.05	216.8230
27	12.416	7123		17.95	59.8267
28	12.569	1337		3.37	11.2333
30	12.949	236235		595.22	1984.0690
31	13.100	96008		241.90	806.3442
33	13.619	73203		183.16	610.5304
34	13.794	68742		172.00	573.3239
35	14.094	204532		511.75	1705.8464
36	14.473	4543		9.17	30.5618
37	14.642	6904		13.93	46.4402
38	14.756	14114		28.48	94.9436
39	14.941	10628		21.45	71.4963
40	15.082	301888		609.24	2030.7939
	15.193	1354484	AR1248	821.57	2738.5794
42	15.335	665197		1342.43	4474.7683
43	15.537	57105		160.15	533.8257
45	15.987	441147		1237.18	4123.9344
46	16.172	239415		671.43	2238.0991
47	16.450	28195		79.07	263.5750
48	16.659	152321		427.18	1423.9274
49	16.979	263302		738.42	2461.3994
50	17.158	176760		495.72	1652.3920
51	17.338	478323		1341.44	4471.4624
52	17.583	25259		70.84	236.1276
53	17.672	116167		325.79	1085.9547
54	17.824	61809		173.34	577.8023
55	18.011	58284		163.45	544.8484
56	18.154	13352		37.45	124.8197
57	18.236	12641		35.45	118.1698
58	18.338	174312		488.85	1629.5073
59	18.538	535009		1500.41	5001.3830
60	18.878	128163		359.43	1198.0971
61	19.093	130195		365.13	1217.0863
62	19.268	5668		15.89	52.9824
63	19.470	389040		1091.05	3636.8259
64	19.734	40854		114.57	381.9159
65	19.869	12316		34.54	115.1309
66	19.980	41099		115.26	384.2050
67	20.083	148530		416.55	1388.4946
68	20.246	42433		119.00	396.6750
69	20.476	34190		95.88	319.6161
70	20.570	27749		77.82	259.4045
71	20.689	8609		24.14	80.4800
72	20.766	16402		46.00	153.3272
73	20.896	6594		18.49	61.6411
74	21.083	47291		132.63	442.0888
75	21.245	25346		71.08	236.9385
76	21.501	12729		35.70	118.9932
77	21.588	5699		15.98	53.2796
78	21.731	37047		103.90	346.3257
79	21.879	638		0.04	0.1262
80	21.977	12372		0.73	2.4473
81	22.167	17767		1.05	3.5145
82	22.301	2990		0.18	0.5914
83	22.470	41516		2.46	8.2122
84	22.630	16009		0.95	3.1667
85	22.808	5030		0.30	0.9950
86	23.171	1844		0.11	0.3647
87	23.318	789		0.05	0.1561
88	23.474	15748		0.93	3.1152
89	23.547	8143		0.48	1.6107
90	23.807	10299		0.61	2.0372
91	24.167	1055		0.06	0.2087

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	24.401	831		0.05	0.1644
93	24.560	1692		0.10	0.3347
94	24.890	9002		0.53	1.7806
95	25.064	2451		0.15	0.4848
96	25.680	11833		0.70	2.3406
97	25.922	502		0.03	0.0993
98	26.325	28555		1.69	5.6484
99	26.769	9659		0.57	1.9106
100	27.375	147275		8.74	29.1324
101	27.711	26018	Decachlorobiphenyl	1.54	5.1467
102	28.164	2032		0.12	0.4020
103	29.004	2173		0.13	0.4299
104	29.352	16694		0.99	3.3021
105	29.843	1932		0.11	0.3821
106	30.138	1401		0.08	0.2772
107	30.297	1697		0.10	0.3356
108	30.501	3949		0.23	0.7811
109	30.988	14084		0.84	2.7859
110	31.380	4264		0.25	0.8435
		9302795		16472.18	54907.2814

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
44	15.814	352924	AR1248-4	989.76	3299.2106
29	12.780	290463	AR1248-1	731.86	2439.5202
32	13.461	188952	AR1248-2	472.77	1575.9094
41	15.193	522144	AR1248-3	1053.74	3512.4532
		1354484		3248.13	10827.0934

-1256-

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

=====

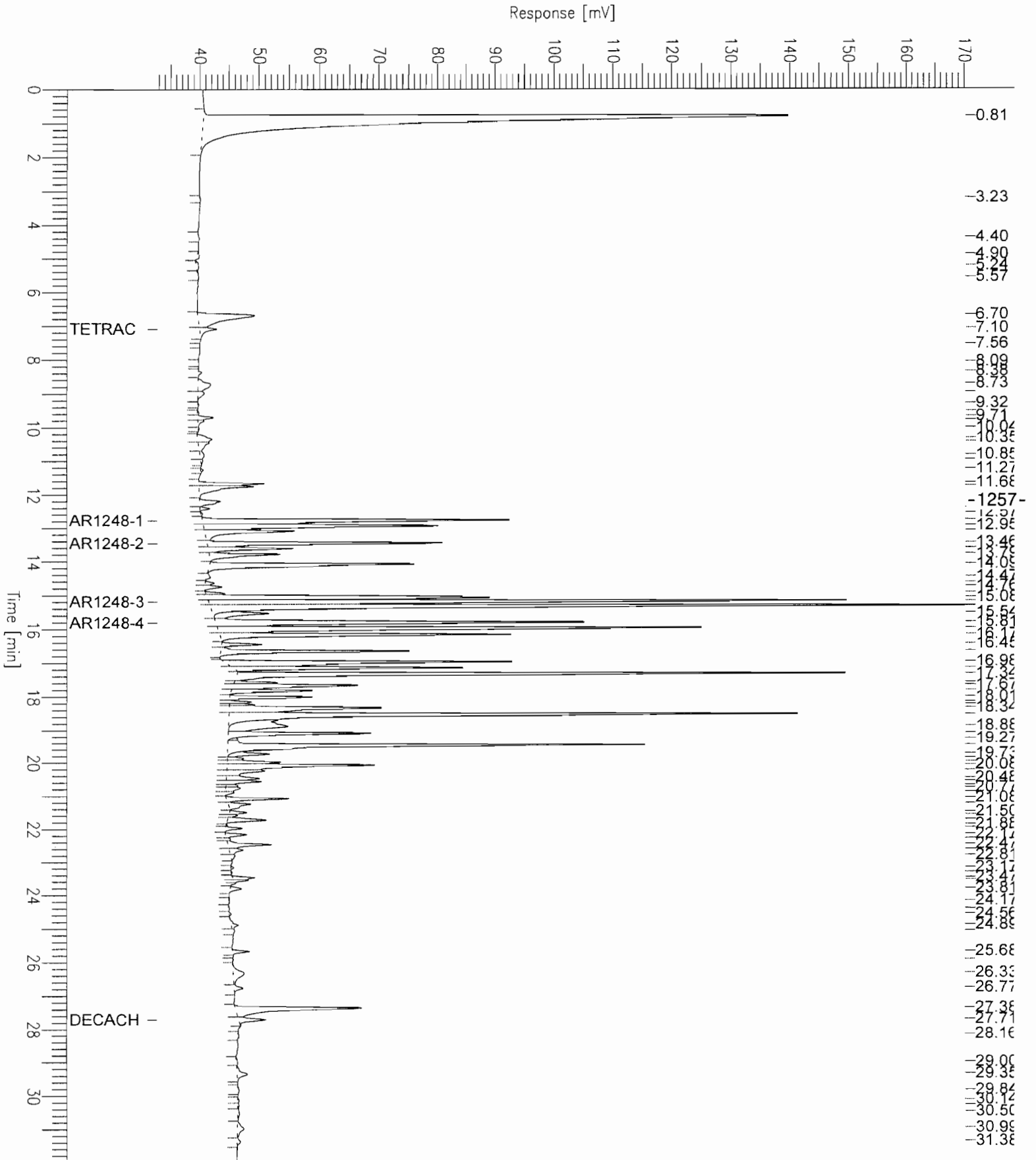
Report stored in ASCII file: C:\DATA65\HC09014.TX0

Chromatogram - ECD#1

Sample Name : 0511380-021ams
 FileName : C:\DATA65\Hc09014.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 33 mV

Sample #: 14
 Date : 12/11/05 04:41 PM
 Time of Injection: 12/9/05 10:12 PM
 Low Point : 32.71 mV
 Plot Scale: 137.5 mV
 High Point : 170.20 mV



Software Version: 4.1<2F12>

Sample Name : 0511380-021ams

Time : 12/22/05 03:18 PM

Sample Number: 15

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/14

Interface Serial # : NONE Data Acquisition Time: 12/9/05 10:48 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09015.RAW

Result File : C:\DATA65\IC09015.RST

Inst Method : PCB2CH from C:\DATA65\IC09015.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

-1258-

% Solids :

SDG Name :

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 130

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.513	1116		0.05	0.1533
2	1.337	2651359		109.25	364.1698
3	3.569	3183		0.13	0.4372
4	3.922	6283		0.26	0.8629
5	4.129	11527		0.47	1.5833
6	4.363	20445		0.84	2.8081
7	4.470	23677		0.98	3.2521
8	4.675	32485		1.34	4.4619

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.023	9897		0.41	1.3593
10	5.304	13137		0.54	1.8044
11	5.566	11442		0.47	1.5716
12	5.846	7269		0.30	0.9984
13	5.983	2766		0.11	0.3799
14	6.196	41195	Tetrachloro-m-xylene	1.70	5.6582
15	6.518	794		0.03	0.1091
16	6.648	2120		0.09	0.2912
17	6.760	3381		0.14	0.4644
18	6.944	4506		0.19	0.6190
19	7.173	4420		0.18	0.6071
20	7.377	2461		0.10	0.3380
21	7.617	5476		0.23	0.7521
22	7.696	4622		0.19	0.6348
23	7.817	16499		0.68	2.2662
24	8.037	11907		0.49	1.6354
25	8.138	11256		0.46	1.5461
26	8.249	6999		0.29	0.9614
27	8.523	45293		36.52	121.7335
28	9.028	91292		73.61	245.3640
29	9.160	186584		150.44	501.4789
30	9.853	46399		37.41	124.7052
31	9.953	34101		27.50	91.6535
32	10.152	4595		3.71	12.3511
33	10.339	2312		1.86	6.2140
35	11.115	98346		79.30	264.3241
36	11.259	39547		49.70	165.6506
37	11.464	25282		31.77	105.9004
38	11.571	59463		74.72	249.0742
40	11.959	359450		451.69	1505.6469
41	12.068	314225		394.86	1316.2091
42	12.479	3680		3.34	11.1392
43	12.588	723		0.66	2.1878
45	12.833	186691		169.54	565.1439
46	13.114	552868		502.09	1673.6226
47	13.404	6545		6.95	23.1633
48	13.602	84185		89.38	297.9388
49	13.771	288571		306.38	1021.2741
	13.997	1920780	AR1248	470.89	1569.6450
51	14.136	1485173		1576.84	5256.1430
52	14.371	180419		191.56	638.5177
53	14.581	154716		164.27	547.5521
54	14.782	563334		598.10	1993.6809
55	14.898	635259		674.47	2248.2319
56	14.965	952183		1010.95	3369.8471
57	15.222	68485		72.71	242.3720
58	15.359	14169		15.04	50.1463
59	15.513	35254		37.43	124.7658
60	15.718	404202		429.15	1430.5020
61	15.920	540281		573.63	1912.0957
62	16.104	359336		381.52	1271.7174
63	16.308	1035291		1099.19	3663.9759
64	16.581	2832		3.01	10.0227
65	16.664	59153		62.80	209.3465
66	16.753	28863		30.64	102.1490
67	16.858	461546		490.03	1633.4475
68	17.082	878636		932.87	3109.5611
69	17.482	78470		83.31	277.7107
70	17.564	10874		11.55	38.4842
71	17.691	142740		151.55	505.1663
72	17.783	44980		47.76	159.1867
73	18.132	140692		149.38	497.9211
74	18.235	834765		886.29	2954.2976
75	18.487	55104		58.51	195.0173
76	18.653	80763		85.75	285.8276
77	18.869	421719		447.75	1492.4946
78	19.047	167889		178.25	594.1731
79	19.178	103756		110.16	367.2015
80	19.359	29478		31.30	104.3250
81	19.418	29776		31.61	105.3797
82	19.501	28601		30.37	101.2196
83	19.683	100662		106.87	356.2492
84	19.894	3903		4.14	13.8130
85	20.034	71370		75.78	252.5856
86	20.142	39570		1.29	4.2960
87	20.316	85355		2.78	9.2667
88	20.550	27035		0.88	2.9352
89	20.629	25334		0.83	2.7504
90	20.781	32055		1.04	3.4801
91	20.997	112485		3.66	12.2122

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	21.184	24180		0.79	2.6251
93	21.369	12137		0.40	1.3177
94	21.748	3220		0.10	0.3496
95	22.069	25615		0.83	2.7810
96	22.213	80000		2.61	8.6854
97	22.341	21762		0.71	2.3627
98	22.408	25062		0.82	2.7209
99	22.573	15926		0.52	1.7291
100	22.761	6489		0.21	0.7045
101	22.874	2546		0.08	0.2764
102	23.032	4345		0.14	0.4717
103	23.174	9133		0.30	0.9915
104	23.336	4022		0.13	0.4367
105	23.588	12000		0.39	1.3028
106	23.992	1693		0.06	0.1838
107	24.160	27086		0.88	2.9407
108	24.351	1431		0.05	0.1554
109	24.550	2204		0.07	0.2393
110	24.927	1399		0.05	0.1519
111	25.228	14196		0.46	1.5413
112	25.353	2960		0.10	0.3213
113	25.459	1468		0.05	0.1594
114	25.593	827		0.03	0.0898
115	25.727	4121		0.13	0.4474
116	25.871	157052		5.12	17.0508
117	26.073	77072	Decachlorobiphenyl	2.51	8.3676
118	26.679	4701		0.15	0.5104
119	27.324	22643		0.74	2.4583
120	27.529	44779		1.46	4.8616
121	27.883	11330		0.37	1.2300
122	28.019	14100		0.46	1.5308
123	28.202	9609		0.31	1.0432
124	28.527	29056		0.95	3.1545
125	28.897	4844		0.16	0.5259
126	29.078	12772		0.42	1.3866
127	29.318	1630		0.05	0.1769
128	30.230	1154		0.04	0.1252
129	30.533	739		0.02	0.0802
130	30.876	1840		0.06	0.1998
		18484805		13949.97	46499.9007

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
50	13.997	896755	AR1248-4	952.11	3173.6842
34	10.682	213044	AR1248-1	171.78	572.5964
39	11.825	421771	AR1248-2	530.01	1766.6921
44	12.710	389210	AR1248-3	353.46	1178.2030
		1920780		2007.35	6691.1757

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

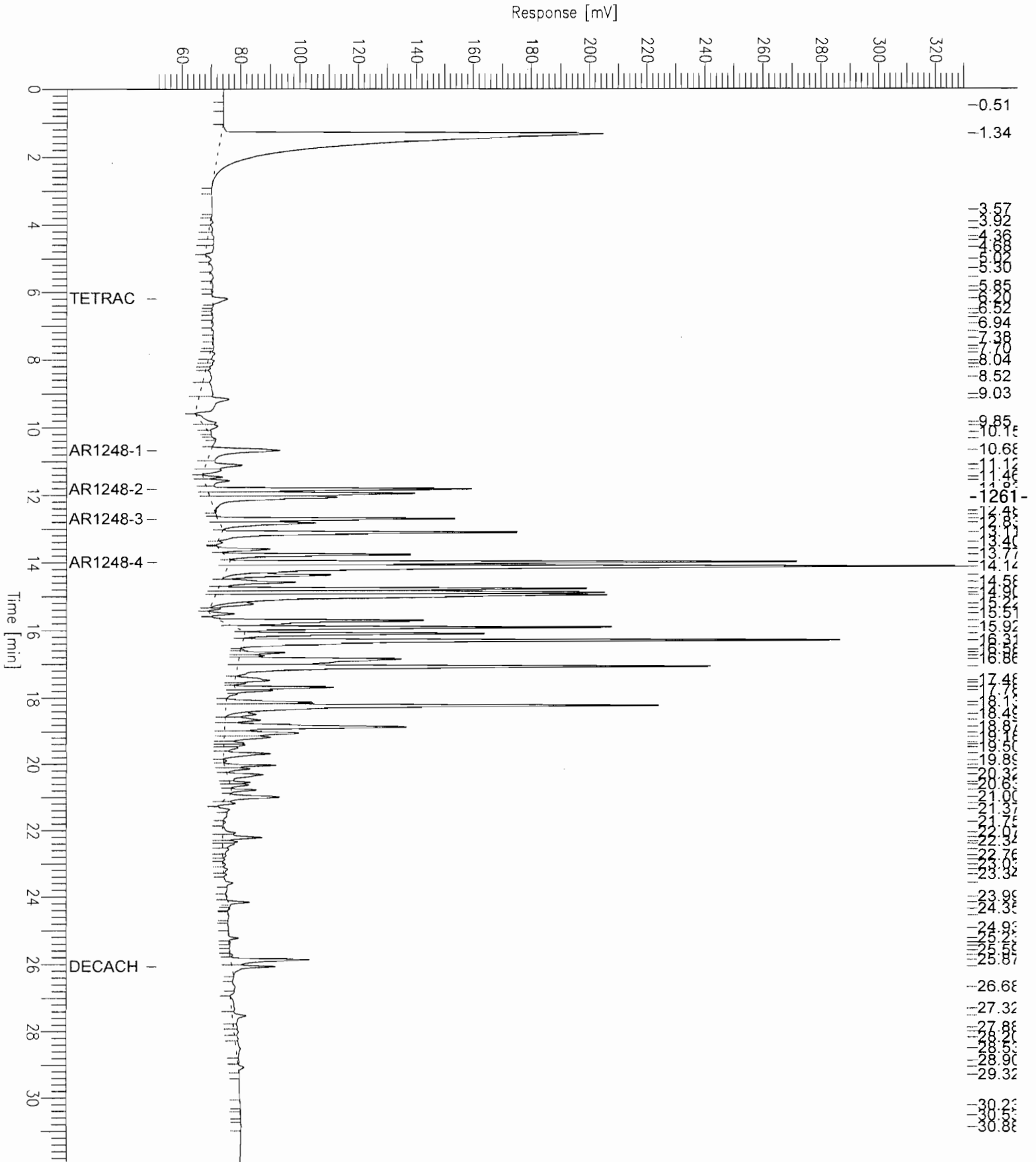
Report stored in ASCII file: C:\DATA65\IC09015.TX0

Chromatogram - ECD#1

Sample Name : 0511380-021ams
 FileName : C:\DATA65\Ic09015.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 51 mV

Sample #: 15
 Date : 12/22/05 03:18 PM
 Time of Injection: 12/9/05 10:48 PM
 Low Point : 51.29 mV
 Plot Scale: 280.2 mV
 High Point : 331.53 mV



1A
PCB ANALYSIS DATA SHEET

1D PCB ANALYSIS DATA SHEET
NYSDEC SAMPLE NO. SS-121MSD

Lab Name: Upstate Labs Inc.

Contract: DEC

Lab Code: 10170	Case No.:	SAS No.:	SDG No.: DEC21
Matrix: SOIL		Lab Sample ID:	U0511380-021AMSD
Sample wt.: 30 (G)		Lab File ID:	12856
% Moisture: 15.13	Decanted: <u>NO</u>	Date Received:	11/23/05
Extraction: SONC		Date Extracted:	11/29/05
Conc Extract Vol.: 10 (ML)		Date Analyzed:	12/9/05
Injection Vol.: 2 (uL)		Time Analyzed:	10:48PM
GPC Cleanup: No	pH:	Dilution Factor:	10
Instr. ID: <u>ULI 65.0</u>		Sulfur Cleanup:	Yes

CAS NO.	COMPOUND	CONCENTRATION UNITS	
		ug/KG	Q
12674-11-2	Aroclor 1016	390	U
11104-28-2	Aroclor 1221	390	U
11141-16-5	Aroclor 1232	390	U
53469-21-9	Aroclor 1242	390	U
12672-29-6	Aroclor 1248	2942	
11097-69-1	Aroclor 1254	390	U
11096-82-5	Aroclor 1260	390	U

-1262-

Software Version: 4.1<2F12>

Sample Name : 0511380-021amsd

Time : 12/9/05 11:01 AM

Sample Number: 31

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/31

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:11 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC05031.RAW

Result File : C:\DATA65\HC05031.RST

Inst Method : PCB2CH from C:\DATA65\HC05031.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1263-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 136

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.822	1818273		204.29	68.0961
2	1.806	1926		0.22	0.0721
3	2.061	1119		0.13	0.0419
4	2.384	1470		0.17	0.0551
5	2.481	2726		0.31	0.1021
6	2.635	3683		0.41	0.1379
7	2.916	270		0.03	0.0101
8	3.179	2428		0.27	0.0909

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.649	2063		0.23	0.0772
10	3.812	235		0.03	0.0088
11	3.981	383		0.04	0.0143
12	4.402	11428		1.28	0.4280
13	4.572	3761		0.42	0.1409
14	5.236	13048		1.47	0.4887
15	5.578	17932		2.01	0.6716
16	5.774	9037		1.02	0.3384
17	5.950	775		0.09	0.0290
18	6.132	912		0.10	0.0342
19	6.442	595		0.07	0.0223
20	6.705	243490		27.36	9.1189
21	7.098	98017	Tetrachloro-m-xylene	11.01	3.6708
22	7.560	6863		0.77	0.2570
23	7.687	2524		0.28	0.0945
24	7.768	6298		0.71	0.2359
25	8.064	8379		0.94	0.3138
26	8.375	30446		3.42	1.1402
27	8.768	51563		5.79	1.9311
28	8.976	15607		1.75	0.5845
29	9.336	1226		0.14	0.0459
30	9.546	584		0.07	0.0219
31	9.705	65847		7.40	2.4660
32	9.810	36270		4.08	1.3583
33	10.043	9491		23.91	7.9713
34	10.348	53064		133.70	44.5673
35	10.469	59151		149.04	49.6795
36	10.753	26409		66.54	22.1805
37	10.973	1528		3.85	1.2830
38	11.263	19045		47.98	15.9950
39	11.362	8744		22.03	7.3438
40	11.675	261563		659.04	219.6790
41	11.763	365040		919.76	306.5869
42	12.203	47373		119.36	39.7872
43	12.268	72404		182.43	60.8103
44	12.418	21682		54.63	18.2100
45	12.565	7411		18.67	6.2246
47	12.950	1039661		2619.55	873.1821
48	13.102	401660		1012.03	337.3427
50	13.620	337450		844.33	281.4423
51	13.796	310663		777.30	259.1010
52	14.096	1152182		2882.85	960.9495
53	14.477	16724		33.75	11.2500
54	14.645	31571		63.71	21.2378
55	14.758	51197		103.32	34.4402
56	14.944	58809		118.68	39.5605
57	15.088	1482163		2991.15	997.0484
	15.197	6664406	AR1248	4042.35	1347.4508
59	15.339	3769776		7607.76	2535.9206
60	15.530	596938		1674.09	558.0308
62	15.991	2445667		6858.79	2286.2620
63	16.175	1409511		3952.92	1317.6407
64	16.456	247650		694.52	231.5082
65	16.660	901333		2527.76	842.5854
66	16.981	1864063		5227.70	1742.5661
67	17.159	1175775		3297.42	1099.1399
68	17.339	2687012		7535.63	2511.8761
69	17.586	136531		382.90	127.6324
70	17.676	698854		1959.91	653.3034
71	17.823	354858		995.19	331.7288
72	18.013	363639		1019.81	339.9374
73	18.155	99367		278.67	92.8909
74	18.234	109226		306.32	102.1068
75	18.341	497686		1395.74	465.2478
76	18.538	2751374		7716.13	2572.0436
77	18.703	118333		331.86	110.6198
78	18.775	127301		357.01	119.0035
79	18.883	450296		1262.84	420.9466
80	19.095	719453		2017.68	672.5597
81	19.471	2645854		7420.20	2473.4007
82	19.736	224248		628.90	209.6322
83	19.871	69978		196.25	65.4170
84	19.983	274490		769.80	256.5993
85	20.084	1073627		3010.95	1003.6497
86	20.238	189245		530.73	176.9099
87	20.368	40544		113.70	37.9009
88	20.483	118092		331.19	110.3953
89	20.573	168919		473.73	157.9093
90	20.694	43710		122.58	40.8609
91	20.761	67340		188.85	62.9510

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	20.904	31775		89.11	29.7041
93	21.087	337523		946.57	315.5233
94	21.248	176994		496.37	165.4577
95	21.503	85557		239.94	79.9804
96	21.591	38996		109.36	36.4541
97	21.733	229336		643.16	214.3883
98	21.887	4980		0.30	0.0985
99	21.980	81711		4.85	1.6163
100	22.170	130851		7.77	2.5883
101	22.297	32552		1.93	0.6439
102	22.471	309457		18.36	6.1213
103	22.628	91715		5.44	1.8142
104	22.806	45988		2.73	0.9097
105	22.997	17285		1.03	0.3419
106	23.173	28750		1.71	0.5687
107	23.316	22471		1.33	0.4445
108	23.478	160661		9.53	3.1780
109	23.549	108536		6.44	2.1469
110	23.636	48115		2.86	0.9518
111	23.810	158246		9.39	3.1302
112	24.101	18482		1.10	0.3656
113	24.360	13943		0.83	0.2758
114	24.560	8903		0.53	0.1761
115	24.680	1593		0.09	0.0315
116	24.896	79130		4.70	1.5653
117	25.062	93314		5.54	1.8458
118	25.683	83642		4.96	1.6545
119	25.924	3384		0.20	0.0669
120	26.288	126291		7.49	2.4982
121	26.772	59053		3.50	1.1681
122	27.380	1495674		88.76	29.5858
123	27.716	243673	Decachlorobiphenyl	14.46	4.8201
124	27.866	113742		6.75	2.2499
125	28.156	47699		2.83	0.9435
126	28.499	17941		1.06	0.3549
127	28.780	7642		0.45	0.1512
128	28.984	375		0.02	0.0074
129	29.223	15995		0.95	0.3164
130	29.357	52792		3.13	1.0443
131	29.835	27281		1.62	0.5396
132	30.133	3437		0.20	0.0680
133	30.609	49332		2.93	0.9758
134	30.987	153294		9.10	3.0323
135	31.384	40478		2.40	0.8007
136	31.804	2982		0.18	0.0590
		46300826		92115.77	30705.2575

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Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
61	15.817	1935730	AR1248-4	5428.68	1809.5614
46	12.780	1139833	AR1248-1	2871.94	957.3136
49	13.461	831796	AR1248-2	2081.22	693.7395
58	15.197	2757047	AR1248-3	5563.98	1854.6597
		6664406		15945.82	5315.2741

=====
INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film
=====

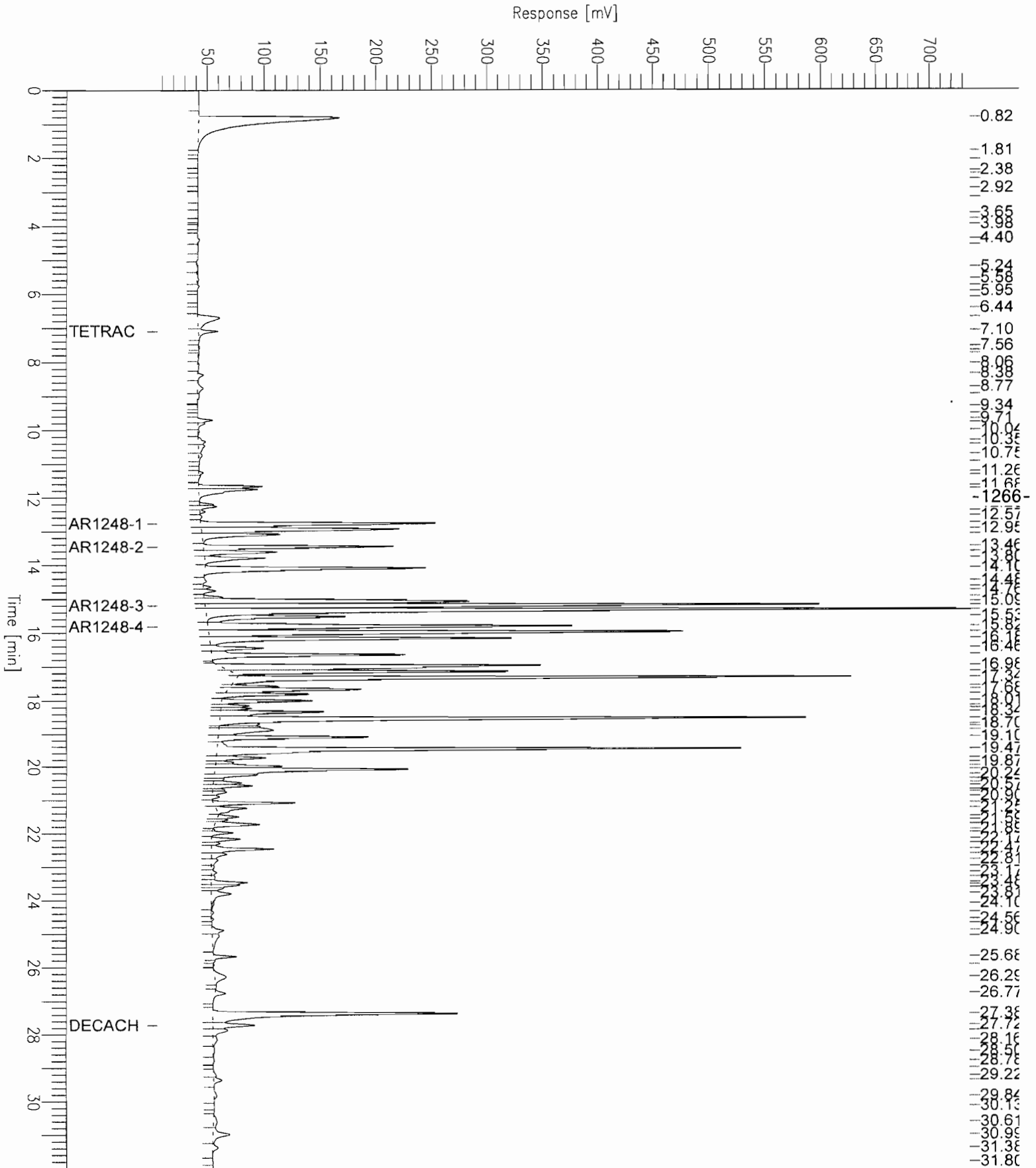
Report stored in ASCII file: C:\DATA65\HC05031.TX0

Chromatogram - ECD#1

Sample Name : 0511380-021amsd
FileName : C:\DATA65\Hc05031.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 5 mV

Sample #: 31
Date : 12/9/05 11:01 AM
Time of Injection: 12/6/05 12:11 PM
Low Point : 5.41 mV
High Point : 736.84 mV
Plot Scale: 731.4 mV



Software Version: 4.1<2F12>

Sample Name : 0511380-021amsd

Time : 12/9/05 12:47 PM

Sample Number: 32

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/31

Interface Serial # : NONE Data Acquisition Time: 12/6/05 12:47 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC05032.RAW

Result File : C:\DATA65\IC05032.RST

Inst Method : PCB2CH from C:\DATA65\IC05032.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3145.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 1.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1267-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 149

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.524	3049		0.13	0.0419
2	1.335	3588566		147.87	49.2897
3	2.555	10640		0.44	0.1461
4	2.663	5518		0.23	0.0758
5	2.845	5074		0.21	0.0697
6	3.045	1695		0.07	0.0233
7	3.231	6978		0.29	0.0959
8	3.564	34252		1.41	0.4705

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	3.910	9979		0.41	0.1371
10	4.136	5720		0.24	0.0786
11	4.360	11628		0.48	0.1597
12	5.026	27144		1.12	0.3728
13	5.232	24111		0.99	0.3312
14	5.306	18741		0.77	0.2574
15	5.559	25089		1.03	0.3446
16	5.769	1793		0.07	0.0246
17	5.981	2075		0.09	0.0285
18	6.197	288732	Tetrachloro-m-xylene	11.90	3.9658
19	6.512	11292		0.47	0.1551
20	6.629	12561		0.52	0.1725
21	6.751	7115		0.29	0.0977
22	6.979	10536		0.43	0.1447
23	7.162	27407		1.13	0.3764
24	7.368	10093		0.42	0.1386
25	7.622	13873		0.57	0.1906
26	7.703	19977		0.82	0.2744
27	7.820	73700		3.04	1.0123
28	8.041	47396		1.95	0.6510
29	8.246	5345		0.22	0.0734
30	8.545	25631		20.67	6.8888
31	9.016	21370		17.23	5.7435
32	9.167	186665		150.51	50.1697
33	9.659	2269		1.83	0.6097
34	9.854	76107		61.37	20.4553
35	9.956	158303		127.64	42.5470
36	10.338	90381		72.87	24.2915
37	10.409	80131		64.61	21.5367
39	11.123	403075		325.00	108.3340
40	11.262	82165		103.25	34.4167
41	11.468	138221		173.69	57.8975
42	11.572	169051		212.43	70.8110
44	11.961	1632820		2051.84	683.9470
45	12.069	1236294		1553.56	517.8524
46	12.467	6012		5.46	1.8199
47	12.582	3504		3.18	1.0607
49	12.836	866357		786.78	262.2605
50	13.115	2619035		2378.47	792.8249
51	13.404	45566		48.38	16.1262
52	13.609	370618		393.49	131.1645
53	13.771	1610011		1709.39	569.7953
	13.993	9139577	AR1248	2240.63	746.8783
55	14.123	6716910		7131.50	2377.1660
56	14.381	758973		805.82	268.6065
57	14.580	974312		1034.45	344.8164
58	14.784	2660959		2825.20	941.7339
59	14.898	3725252		3955.19	1318.3953
60	14.970	3824304		4060.35	1353.4504
61	15.231	261164		277.28	92.4279
62	15.522	285379		302.99	100.9978
63	15.719	2053586		2180.34	726.7799
64	15.921	3299824		3503.50	1167.8332
65	16.105	2132441		2264.06	754.6872
66	16.303	5135606		5452.59	1817.5304
67	16.589	61847		65.66	21.8880
68	16.668	412894		438.38	146.1263
69	16.754	240122		254.94	84.9809
70	16.859	2670522		2835.35	945.1182
71	17.077	4539418		4819.60	1606.5350
72	17.303	99501		105.64	35.2142
73	17.490	487560		517.65	172.5514
74	17.569	113570		120.58	40.1932
75	17.691	830851		882.13	294.0444
76	17.787	272779		289.62	96.5386
77	17.889	64348		68.32	22.7733
78	18.132	777957		825.97	275.3250
79	18.230	4702085		4992.31	1664.1038
80	18.491	209077		221.98	73.9938
81	18.657	370508		393.38	131.1255
82	18.871	2459011		2610.79	870.2630
83	19.036	897289		952.67	317.5575
84	19.183	516260		548.13	182.7083
85	19.363	144039		152.93	50.9765
86	19.421	149754		159.00	52.9991
87	19.503	114049		121.09	40.3627
88	19.685	525060		557.47	185.8227
89	19.890	21782		23.13	7.7089
90	20.040	549948		583.89	194.6307
91	20.144	248380		8.09	2.6966

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	20.311	492407		16.04	5.3459
93	20.472	16075		0.52	0.1745
94	20.554	161426		5.26	1.7526
95	20.634	186025		6.06	2.0196
96	20.784	209630		6.83	2.2759
97	21.002	784839		25.56	8.5208
98	21.198	159377		5.19	1.7303
99	21.368	84327		2.75	0.9155
100	21.588	36020		1.17	0.3911
101	21.750	19229		0.63	0.2088
102	21.912	11217		0.37	0.1218
103	22.068	118939		3.87	1.2913
104	22.218	478991		15.60	5.2003
105	22.346	115450		3.76	1.2534
106	22.414	104009		3.39	1.1292
107	22.577	40131		1.31	0.4357
108	22.769	13600		0.44	0.1477
109	22.879	14867		0.48	0.1614
110	23.047	18177		0.59	0.1973
111	23.180	50049		1.63	0.5434
112	23.336	19431		0.63	0.2110
113	23.589	83133		2.71	0.9026
114	23.777	3455		0.11	0.0375
115	23.837	1752		0.06	0.0190
116	23.985	11950		0.39	0.1297
117	24.164	246998		8.04	2.6816
118	24.268	32432		1.06	0.3521
119	24.358	37146		1.21	0.4033
120	24.545	22610		0.74	0.2455
121	24.628	46780		1.52	0.5079
122	25.102	125257		4.08	1.3599
123	25.237	130161		4.24	1.4131
124	25.354	45414		1.48	0.4930
125	25.444	15299		0.50	0.1661
126	25.564	2283		0.07	0.0248
127	25.715	136278		4.44	1.4795
128	25.863	1789765		58.29	19.4311
129	26.079	479577		15.62	5.2067
130	26.166	263525	Decachlorobiphenyl	8.58	2.8610
131	26.681	140017		4.56	1.5201
132	27.131	7678		0.25	0.0834
133	27.257	4776		0.16	0.0518
134	27.531	155227		5.06	1.6853
135	27.842	29995		0.98	0.3256
136	28.028	49582		1.61	0.5383
137	28.212	34398		1.12	0.3735
138	28.313	20955		0.68	0.2275
139	28.495	149126		4.86	1.6190
140	28.886	8434		0.27	0.0916
141	29.086	83911		2.73	0.9110
142	29.308	41822		1.36	0.4541
143	29.629	2033		0.07	0.0221
144	30.002	34837		1.13	0.3782
145	30.481	179988		5.86	1.9541
146	30.746	146878		4.78	1.5946
147	31.207	139601		4.55	1.5156
148	31.606	39395		1.28	0.4277
149	31.937	13175		0.43	0.1430
		84470424		69278.86	23092.9519

-1269-

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
54	13.993	4502445	AR1248-4	4780.35	1593.4497
38	10.682	1208867	AR1248-1	974.72	324.9059
43	11.826	1789868	AR1248-2	2249.19	749.7304
48	12.711	1638397	AR1248-3	1487.91	495.9696
		9139577		9492.17	3164.0556

INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film

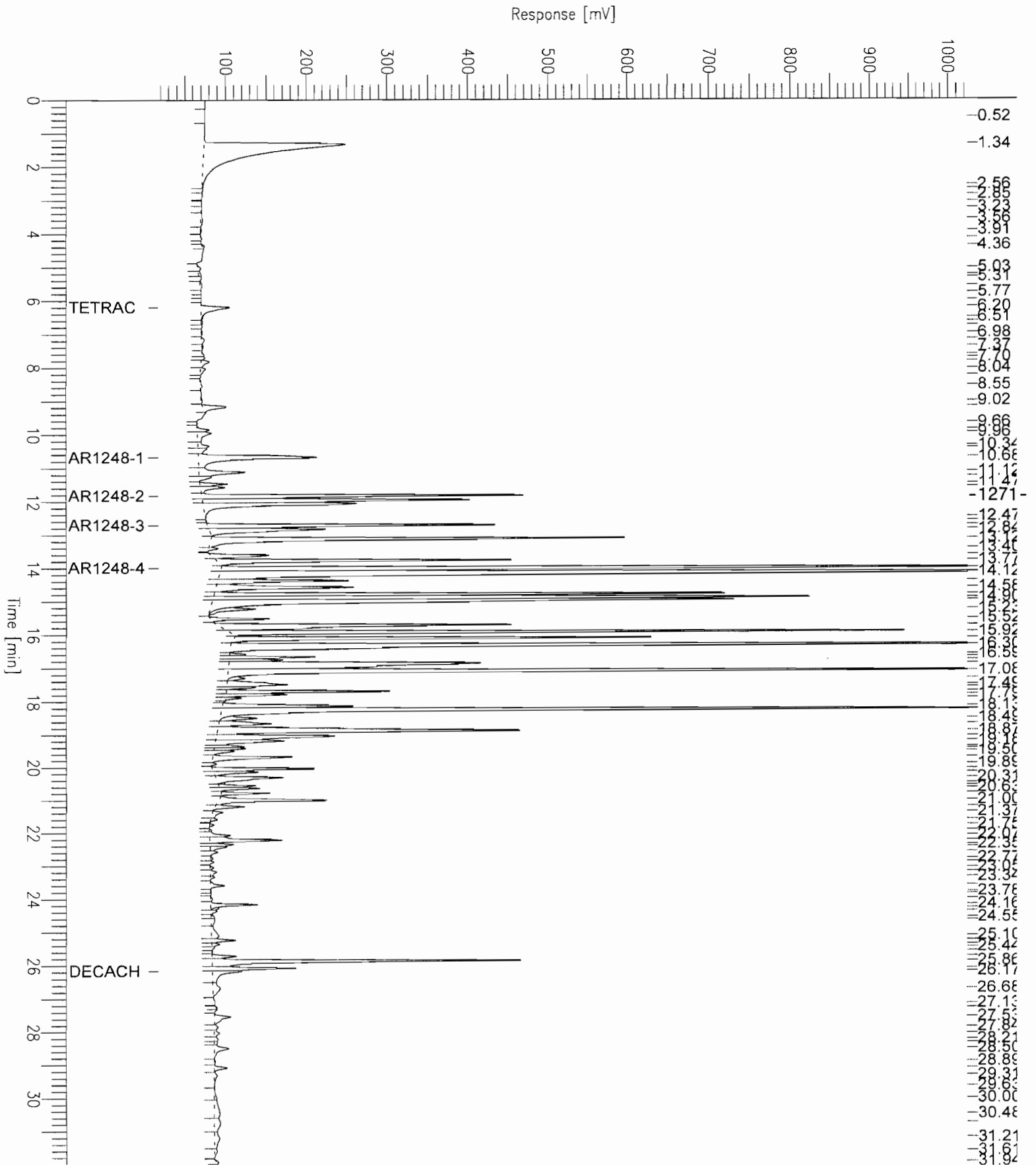
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Report stored in ASCII file: C:\DATA65\IC05032.TX0

Chromatogram - ECD#1

Sample Name : 0511380-021amsd
 FileName : C:\DATA65\Ic05032.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor: 1.0

End Time : 32.00 min
 Plot Offset: 17 mV

Sample #: 32
 Date : 12/9/05 12:47 PM
 Time of Injection: 12/6/05 12:47 PM
 Low Point : 16.99 mV
 Plot Scale: 1007.0 mV
 High Point : 1024.00 mV



Software Version: 4.1<2F12>

Sample Name : 0511380-021amsd

Time : 12/11/05 04:41 PM

Sample Number: 15

Study :

Operator : manager

Instrument : HP-SFC

Channel : A

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/15

Interface Serial # : NONE Data Acquisition Time: 12/9/05 10:48 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\HC09015.RAW

Result File : C:\DATA65\HC09015.RST

Inst Method : PCB2CH from C:\DATA65\HC09015.RST

Proc Method : C:\DATA65\H1248228.mth

Calib Method : C:\DATA65\H1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1272-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 103

PCB REPORT

=====
HP-SFC CHANNEL H
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.814	1213885		136.38	454.6117
2	3.229	615		0.07	0.2305
3	4.401	778		0.09	0.2914
4	4.910	572		0.06	0.2143
5	5.241	1686		0.19	0.6315
6	5.769	421		0.05	0.1578
7	6.172	386		0.04	0.1445
8	6.693	55107		6.19	20.6380

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	7.096	10590	Tetrachloro-m-xylene	1.19	3.9660
10	7.562	237		0.03	0.0886
11	8.069	255		0.03	0.0956
12	8.376	2287		0.26	0.8563
13	8.753	9739		1.09	3.6473
14	8.984	3323		0.37	1.2443
15	9.705	6922		0.78	2.5923
16	9.807	3485		0.39	1.3051
17	10.350	13353		33.65	112.1502
18	10.569	6438		16.22	54.0739
19	11.265	2600		6.55	21.8386
20	11.676	26963		67.94	226.4573
21	11.761	37551		94.61	315.3764
22	12.202	5475		13.79	45.9821
23	12.262	7107		17.91	59.6896
24	12.417	2874		7.24	24.1406
25	12.569	983		2.48	8.2548
27	12.951	128706		324.29	1080.9643
28	13.101	48587		122.42	408.0683
30	13.619	36057		90.22	300.7218
31	13.795	31163		77.97	259.9102
32	14.094	107788		269.69	898.9764
33	14.477	2207		4.45	14.8457
34	14.644	3412		6.89	22.9508
35	14.756	6895		13.91	46.3792
36	14.942	5299		10.69	35.6454
37	15.080	173450		350.04	1166.7964
	15.193	802934	AR1248	487.03	1623.4214
39	15.336	420377		848.36	2827.8695
40	15.534	36183		101.47	338.2489
42	15.985	276656		775.87	2586.2429
43	16.172	161907		454.06	1513.5434
44	16.449	19890		55.78	185.9321
45	16.659	91988		257.98	859.9211
46	16.980	162218		454.94	1516.4516
47	17.158	109787		307.89	1026.3113
48	17.339	293559		823.28	2744.2564
49	17.584	18312		51.36	171.1858
50	17.674	68031		190.79	635.9715
51	17.825	39806		111.63	372.1163
52	18.011	38009		106.60	355.3185
53	18.155	7276		20.41	68.0178
54	18.235	8375		23.49	78.2868
55	18.338	112048		314.23	1047.4465
56	18.539	345613		969.26	3230.8675
57	18.870	73833		207.06	690.2110
58	19.093	79082		221.78	739.2750
59	19.472	231174		648.32	2161.0646
60	19.736	33891		95.05	316.8208
61	19.869	7753		21.74	72.4726
62	19.983	27304		76.57	255.2405
63	20.083	98412		275.99	919.9779
64	20.248	28363		79.54	265.1449
65	20.478	19447		54.54	181.7956
66	20.571	19232		53.93	179.7826
67	20.689	5324		14.93	49.7706
68	20.762	9372		26.28	87.6156
69	20.899	4088		11.47	38.2184
70	21.084	30418		85.31	284.3555
71	21.245	16895		47.38	157.9380
72	21.500	8650		24.26	80.8620
73	21.589	3838		10.76	35.8778
74	21.730	23968		67.22	224.0585
75	21.884	458		0.03	0.0906
76	21.978	8387		0.50	1.6590
77	22.168	12301		0.73	2.4333
78	22.470	32867		1.95	6.5013
79	22.629	11494		0.68	2.2735
80	22.809	3385		0.20	0.6696
81	23.172	1361		0.08	0.2691
82	23.315	609		0.04	0.1204
83	23.475	10217		0.61	2.0210
84	23.546	6459		0.38	1.2777
85	23.809	7506		0.45	1.4848
86	24.191	729		0.04	0.1441
87	24.393	782		0.05	0.1546
88	24.563	997		0.06	0.1972
89	24.891	5346		0.32	1.0575
90	25.066	2126		0.13	0.4206
91	25.681	9784		0.58	1.9355

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	25.925	455		0.03	0.0901
93	26.310	22477		1.33	4.4462
94	26.769	9372		0.56	1.8540
95	27.378	152205		9.03	30.1075
96	27.712	28101	Decachlorobiphenyl	1.67	5.5586
97	27.876	9742		0.58	1.9270
98	28.172	5054		0.30	0.9997
99	29.355	15458		0.92	3.0578
100	29.837	2212		0.13	0.4375
101	30.587	2624		0.16	0.5191
102	30.996	14330		0.85	2.8345
103	31.380	3259		0.19	0.6446
		6071307		10077.30	33591.0150

Group Report For : AR1248

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
41	15.815	205504	AR1248-4	576.33	1921.0993
26	12.781	181225	AR1248-1	456.62	1522.0554
29	13.461	89692	AR1248-2	224.42	748.0507
38	15.193	326513	AR1248-3	658.93	2196.4471
		802934		1916.30	6387.6525

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INSTR. 65 :: DB-608, 30m X 0.32mmID, 0.5um film

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-1274-

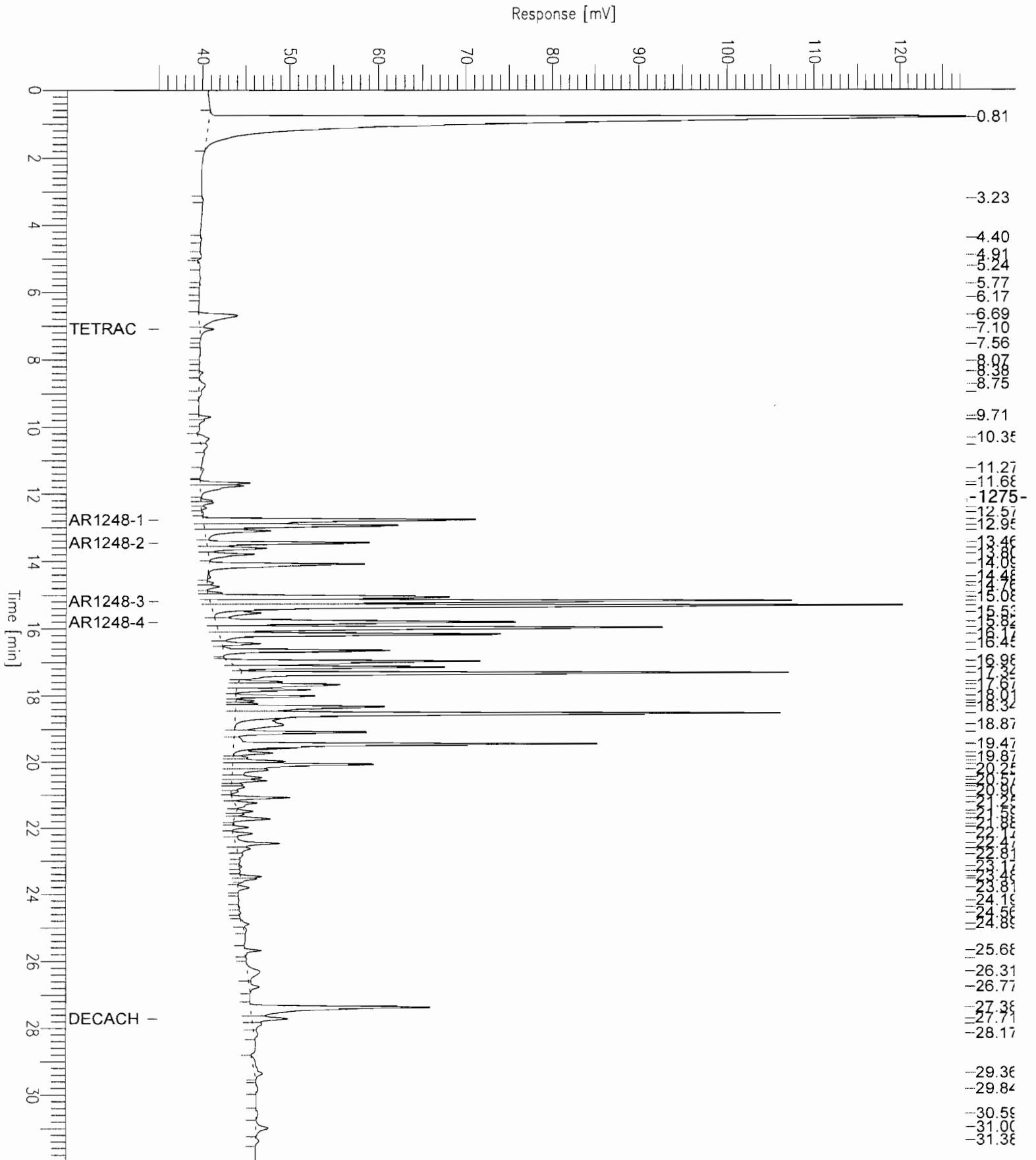
Report stored in ASCII file: C:\DATA65\HC09015.TX0

Chromatogram - ECD#1

Sample Name : 0511380-021amsd
 FileName : C:\DATA65\Hc09015.raw
 Method : PCB2CH
 Start Time : 0.00 min
 Scale Factor : 1.0

End Time : 32.00 min
 Plot Offset : 35 mV

Sample #: 15
 Date : 12/11/05 04:41 PM
 Time of Injection: 12/9/05 10:48 PM
 Low Point : 35.00 mV
 Plot Scale: 92.7 mV
 High Point : 127.67 mV



Software Version: 4.1<2F12>

Sample Name : 0511380-021amsd

Time : 12/22/05 03:18 PM

Sample Number: 16

Study :

Operator : manager

Instrument : HP-SFC

Channel : B

A/D mV Range : 1000

AutoSampler : HP7673A

Rack/Vial : 0/15

Interface Serial # : NONE Data Acquisition Time: 12/9/05 11:25 PM

Delay Time : 0.00 min.

End Time : 32.00 min.

Sampling Rate : 5.0000 pts/sec

Raw Data File : C:\DATA65\IC09016.RAW

Result File : C:\DATA65\IC09016.RST

Inst Method : PCB2CH from C:\DATA65\IC09016.RST

Proc Method : C:\DATA65\I1248228.mth

Calib Method : C:\DATA65\I1248228.mth

Sequence File : C:\DATA65\GA3152.SEQ

Sample Volume : 1.0000 mL

Area Reject : 99.000000

Sample Amount : 1.0000

Dilution Factor : 10.00

Noise Threshold: 10

Area Threshold : 100

Bunch Factor: 3

Multiplier : 10.0000

Divisor : 30.0000

Addend : 0.0000

% Solids :

SDG Name :

-1276-

Date Recieve :

Client Name :

DEC Sample N :

Instrument Conditions:

HP-SFC

Total number of peaks detected: 122

PCB REPORT

=====
HP-SFC CHANNEL I
=====

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
1	0.476	2408		0.10	0.3308
2	1.333	2301254		94.82	316.0821
3	3.562	1186		0.05	0.1628
4	3.928	2639		0.11	0.3625
5	4.104	2081		0.09	0.2859
6	4.354	1326		0.05	0.1821
7	5.028	11323		0.47	1.5553
8	5.301	16396		0.68	2.2521

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
9	5.557	10384		0.43	1.4262
10	5.760	1244		0.05	0.1708
11	6.190	33818	Tetrachloro-m-xylene	1.39	4.6450
12	6.514	679		0.03	0.0932
13	6.632	484		0.02	0.0664
14	7.164	3526		0.15	0.4843
15	7.360	6218		0.26	0.8540
16	7.619	3890		0.16	0.5343
17	7.701	3720		0.15	0.5110
18	7.819	11317		0.47	1.5545
19	8.035	7870		0.32	1.0810
20	8.236	1118		0.05	0.1535
21	8.540	4605		3.71	12.3773
22	9.004	3505		2.83	9.4212
23	9.161	22320		18.00	59.9898
24	9.658	5033		4.06	13.5268
25	9.854	17282		13.93	46.4489
26	9.952	15977		12.88	42.9409
27	10.337	1607		1.30	4.3198
29	11.119	55816		45.00	150.0150
30	11.255	19097		24.00	79.9935
31	11.465	16411		20.62	68.7436
32	11.569	27006		33.94	113.1218
34	11.959	248377		312.12	1040.3906
35	12.064	184409		231.73	772.4426
37	12.832	107038		97.21	324.0219
38	13.114	335619		304.79	1015.9741
39	13.402	4151		4.41	14.6895
40	13.604	38411		40.78	135.9407
41	13.772	192404		204.28	680.9314
	13.997	1278477	AR1248	313.43	1044.7607
43	14.136	1102021		1170.04	3900.1381
44	14.370	118669		125.99	419.9781
45	14.583	71701		76.13	253.7563
46	14.781	412491		437.95	1459.8371
47	14.898	380305		403.78	1345.9286
48	14.966	651397		691.60	2305.3429
49	15.220	29670		31.50	105.0058
50	15.509	19382		20.58	68.5953
51	15.718	291998		310.02	1033.4047
52	15.920	398929		423.55	1411.8402
53	16.103	256079		271.88	906.2819
54	16.307	754499		801.07	2670.2300
55	16.578	5705		6.06	20.1914
56	16.663	53000		56.27	187.5728
57	16.752	23816		25.29	84.2864
58	16.861	346497		367.88	1226.2811
59	17.082	677296		719.10	2397.0034
60	17.291	18683		19.84	66.1207
61	17.426	26035		27.64	92.1413
62	17.483	41208		43.75	145.8388
63	17.563	18572		19.72	65.7288
64	17.689	125401		133.14	443.8054
65	17.782	51631		54.82	182.7278
66	17.885	7105		7.54	25.1465
67	18.130	105536		112.05	373.5010
68	18.235	604523		641.84	2139.4522
69	18.487	46079		48.92	163.0759
70	18.653	65607		69.66	232.1894
71	18.869	335594		356.31	1187.6938
72	19.051	135218		143.56	478.5472
73	19.174	85219		90.48	301.5974
74	19.357	23896		25.37	84.5685
75	19.416	25897		27.50	91.6503
76	19.494	22958		24.38	81.2518
77	19.682	79590		84.50	281.6752
78	19.896	2235		2.37	7.9111
79	20.034	51987		1.69	5.6441
80	20.141	29602		0.96	3.2138
81	20.318	60482		1.97	6.5664
82	20.549	20032		0.65	2.1749
83	20.628	17899		0.58	1.9432
84	20.781	31166		1.02	3.3836
85	20.996	92037		3.00	9.9922
86	21.184	21307		0.69	2.3133
87	21.370	8154		0.27	0.8852
88	21.579	1099		0.04	0.1193
89	21.747	2599		0.08	0.2822
90	22.069	16298		0.53	1.7694
91	22.211	60580		1.97	6.5771

Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
92	22.339	16601		0.54	1.8024
93	22.407	16850		0.55	1.8294
94	22.572	9645		0.31	1.0471
95	22.757	3609		0.12	0.3918
96	22.875	1238		0.04	0.1344
97	23.037	3434		0.11	0.3728
98	23.174	9288		0.30	1.0084
99	23.331	4323		0.14	0.4694
100	23.480	1227		0.04	0.1332
101	23.588	7183		0.23	0.7799
102	23.986	956		0.03	0.1037
103	24.159	20237		0.66	2.1971
104	24.349	218		0.01	0.0237
105	24.430	1484		0.05	0.1612
106	25.085	8681		0.28	0.9425
107	25.228	13433		0.44	1.4584
108	25.353	2285		0.07	0.2480
109	25.727	3548		0.12	0.3852
110	25.871	190292		6.20	20.6596
111	26.071	90532	Decachlorobiphenyl	2.95	9.8289
112	26.673	4445		0.14	0.4826
113	27.332	26610		0.87	2.8890
114	27.527	10529		0.34	1.1431
115	27.803	542		0.02	0.0588
116	28.015	4041		0.13	0.4388
117	28.524	18759		0.61	2.0367
118	28.909	1607		0.05	0.1745
119	29.078	9275		0.30	1.0069
120	29.337	1447		0.05	0.1571
121	30.234	6944		0.23	0.7539
122	30.841	10169		0.33	1.1041
		13327553		9690.67	32302.2226

Group Report For : AR1248

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Peak #	Time [min]	Area [uV*sec]	Component Name	On Column ppb	Sample Results ug/L, ug/kg, ng
42	13.997	635209	AR1248-4	674.42	2248.0519
28	10.680	138170	AR1248-1	111.41	371.3567
33	11.825	276126	AR1248-2	346.99	1156.6207
36	12.709	228974	AR1248-3	207.94	693.1407
		1278477		1340.75	4469.1700

=====
 INSTR. 65 :: RTX-CLP2, 30m x 0.32mmID, .25um film
 =====

Report stored in ASCII file: C:\DATA65\IC09016.TX0

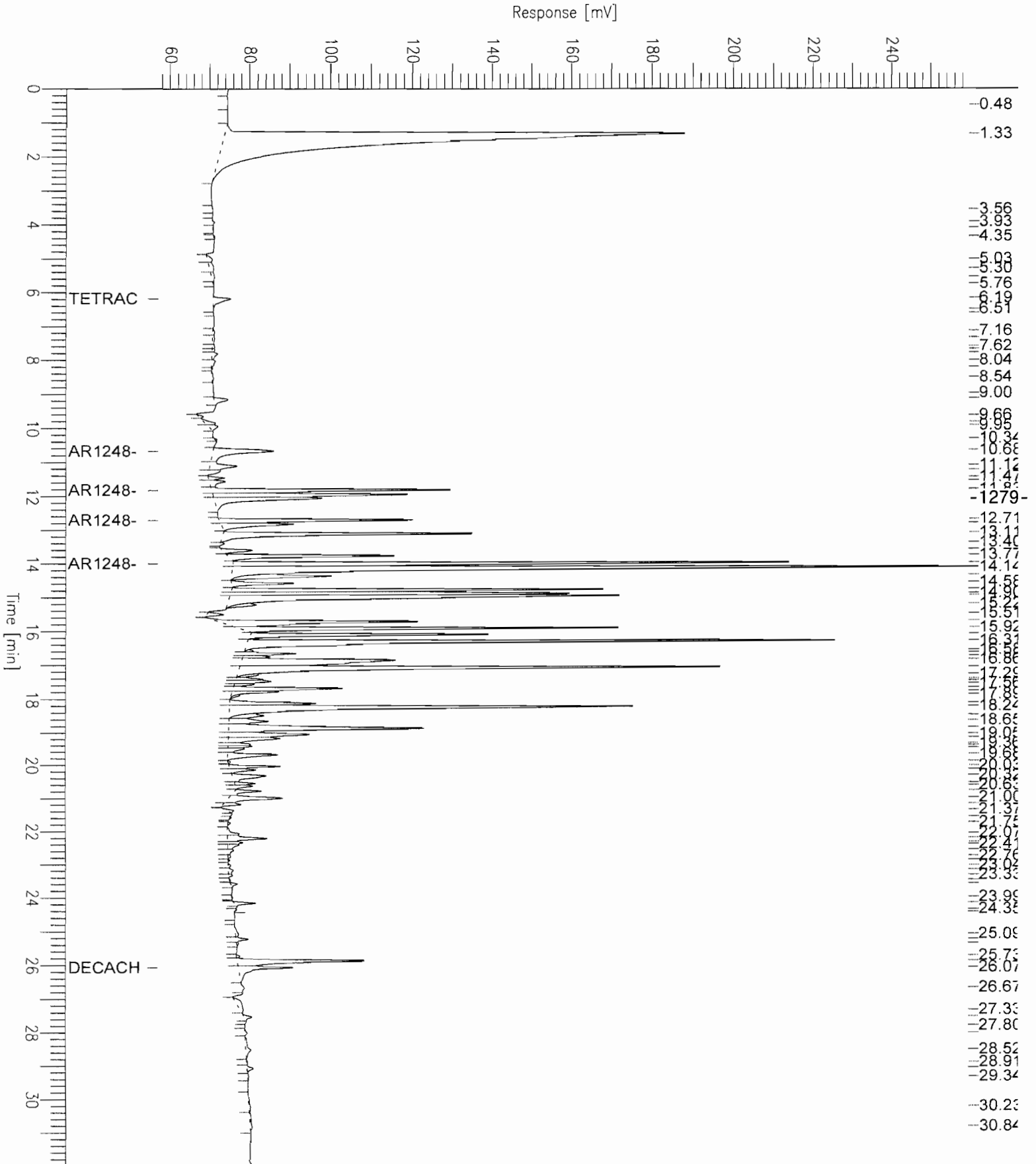
Chromatogram - ECD#1

Sample Name : 0511380-021amsd
FileName : C:\DATA65\Ic09016.raw
Method : PCB2CH
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 32.00 min
Plot Offset: 57 mV

Sample #: 16
Date : 12/22/05 03:18 PM
Time of Injection: 12/9/05 11:25 PM
Low Point : 57.03 mV
High Point : 259.39 mV
Plot Scale: 202.4 mV

Page 1 of 1



Copy of Calculations

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Upstate Laboratories, Inc.

Pesticides/Aroclors

9.2.4.5 Calculate the calibration factor for each single component pesticide and surrogate over the initial calibration range using Equation 2. The calibration factors for the surrogates are calculated from the three analyses of Individual Standard Mixture A only.

9.2.4.6 Calculate the mean and the %RSD of the calibration factors for each single component pesticide and surrogate over the initial calibration range using Equations 3 and 4.

Equation 2

$$CF = \frac{\text{Peak area (or height) of the standard}}{\text{Mass injected (ng)}}$$

Equation 3

$$\overline{CF} = \frac{\sum_{i=1}^n CF_i}{n}$$

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Equation 4

$$RSD = \frac{SD_{CF}}{\overline{CF}} \times 100$$

Where,

$$SD_{CF} = \sqrt{\frac{\sum_{i=1}^n (CF_i - \overline{CF})^2}{(n - 1)}}$$

%RSD = Percent relative standard deviation

SD_{CF} = Standard deviation of calibration factors

CF_i = Calibration factor

\overline{CF} = Mean calibration factor

n = Total number of values (3)

9.2.4.7 A calibration factor is calculated for each peak in a selected set of three to five major peaks for each multicomponent analyte using Equation 2.

9.2.4.8 Calculate the percent breakdown of DDT, the percent breakdown of endrin and the combined breakdown of DDT and endrin in the PEM using Equations 5, 6, 7 and 8.

Equation 5

$$\text{Amount found (ng)} = \frac{\text{Peak area (height) of compound in PEM}}{CF_{mp}}$$

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Where,

CF_{mp} = The calibration factor for the compound determined from the midpoint standard in the most recent initial calibration. NOTE: If during the initial calibration, linearity was determined based on peak area for the compound, then the midpoint CF must be based on peak area. If during the initial calibration, the linearity for the compound was determined based on peak height for the compound, then the midpoint CF must be based on peak height.

Equation 6

$$\% \text{Breakdown DDT} = \frac{\text{Amount found (ng) (DDD+DDE)}}{\text{Amount (ng) of DDT injected}} \times 100$$

Equation 7

$$\% \text{Breakdown Endrin} = \frac{\text{Amount found (ng) (endrin aldehyde + endrin ketone)}}{\text{Amount (ng) of endrin injected}} \times 100$$

Equation 8

$$\text{Combined \%Breakdown} = \% \text{Breakdown DDT} + \% \text{Breakdown Endrin}$$

9.2.4.9 Calculate the percent difference for each single component pesticide and surrogate in the PEM using Equations 5 and 9.

Equation 9

$$\%D = \frac{C_{\text{calc}} - C_{\text{nom}}}{C_{\text{nom}}} \times 100$$

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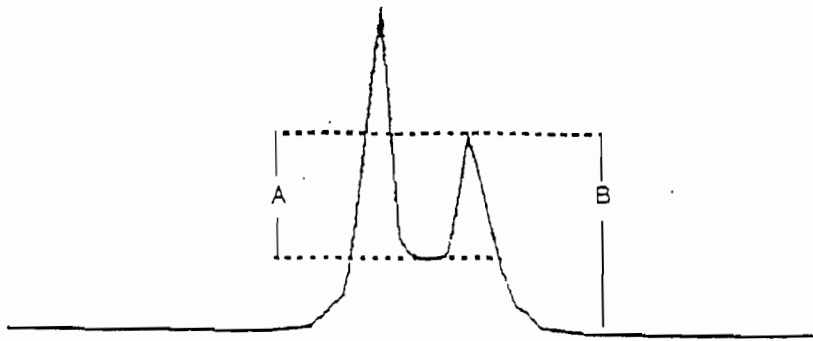
Where,

%D = Percent difference

C_{nom} = Nominal concentration of each analyte

C_{calc} = Calculated concentration of each analyte from the analyses of the standards.

9.2.4.10 Calculate the resolution between the analytes in the Resolution Check Mixture, the Performance Evaluation Mixture, and the midpoint concentration of Individual Standard Mixtures A and B using Equation 10.



Equation 10

$$\% \text{Resolution} = \frac{A}{B} \times 100$$

Where,

A = Depth of the valley between the two peaks. The depth of the valley is measured along a vertical line from the level of the apex of the shorter peak to the floor of the valley between the two peaks.

B = Height of the shorter of the adjacent peaks.

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9.2.5 Technical Acceptance Criteria for Initial Calibration

All initial calibration technical acceptance criteria apply independently to both GC columns.

9.2.5.1 The initial calibration sequence must be analyzed according to the procedure and in the order listed in Section 9.2.3, at the concentrations listed in Sections 7.2.4.5 through 7.2.4.8, and at the frequency listed in Section 9.2.2. The GC/ECD operating conditions optimized in Section 9.1 must be followed.

9.2.5.2 The resolution between two adjacent peaks in the Resolution Check Mixture must be greater than or equal to 60.0 percent.

9.2.5.3 All single component pesticide and surrogate peaks in both runs of the PEM must be greater than or equal to 90.0 percent resolved on each column.

9.2.5.4 The absolute retention times of each of the single component pesticides and surrogates in both runs of the PEM must be

Section 11.1.2.10 applies only to analytes that cannot be confirmed above the reference standard concentration.

11.2 Calculations

11.2.1 Target Compounds

The concentrations of the single component pesticides and surrogates are calculated separately for both GC columns by using the following equations.

11.2.1.1 Water

Equation 13

$$\text{Concentration } \mu\text{g/L} = \frac{(A_x) (V_i) (Df) (GPC)}{(CF) (V_o) (V_l)}$$

Where,

A_x = Area of the peak for the compound to be measured.

CF = Calibration factor from the initial calibration for the midpoint concentration external standard (area per ng).

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V_o = Volume of water extracted in milliliters (mL).

V_i = Volume of extract injected in microliters (μL). (If a single injection is made onto two columns, use one half the volume in the syringe as the volume injected onto each column.)

V_l = Volume of the concentrated extract in microliters (μL). (If GPC is not performed, then $V_l = 10,000 \mu\text{L}$. If GPC is performed, then $V_l = 5,000 \mu\text{L}$.)

Df = Dilution factor. The dilution factor for analysis of water samples by this method is defined as follows:

$$\frac{\mu\text{L most conc. extract used to make dilution} + \mu\text{L clean solvent}}{\mu\text{L most conc. extract used to make dilution}}$$

If no dilution is performed, $Df = 1.0$

GPC = GPC factor. (If no GPC is performed, GPC = 1. If GPC is performed, then GPC = 2.0)

11.2.1.2 Soil/Sediment

Equation 13

$$\text{Concentration } \mu\text{g/Kg (Dry weight basis)} = \frac{(A_x) (I_s) (V_i) (D_f) (GPC)}{(A_{is}) (RRF) (V_i) (W_s) (D)}$$

Where,

A_x, A_{is}, I_s - are as given for water above

V_i = Volume of extract injected in microliters (μL)

V_t = Volume of the concentrated extract in microliters (μL) ($V_t = 500 \mu\text{L}$)

$$D = \frac{100 - \% \text{moisture}}{100}$$

W_s = Weight of sample extracted in grams (g)

RRF = Relative response factor determined from the 12-hour calibration standard

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GPC = GPC factor. (GPC = 2.0 to account for GPC cleanup).

Df = Dilution factor. The dilution factor for analysis of soil/sediment samples for semivolatiles by this method is defined as follows:

$$\frac{\mu\text{L most conc. extract used to make dilution} + \mu\text{L clean solvent}}{\mu\text{L most conc. extract used to make dilution}}$$

If no dilution is performed, Df = 1.0

11.2.1.2.1 The GPC factor is used to account for the amount of extract that is not recovered from the mandatory use of GPC cleanup. Concentrating the extract collected after GPC to 5.0 mL rather than 10.0 mL for water samples not subjected to GPC maintains the sensitivity of the soil/sediment method comparable to that of the water method, but correction of the numerical results is still required.

10(6) times the CRQL, the Laboratory shall contact SMO immediately.

11.2.1.2.6 The quantitation of toxaphene or Aroclors must be accomplished by comparing the heights or the areas of each of the three to five major peaks of the multicomponent analyte in the sample with the calibration factor for the same peaks established during the initial calibration sequence. The concentration of multicomponent analytes is calculated by using Equations 13 and 14, where $A(x)$ is the area for each of the major peaks of the multicomponent analyte. The concentration of each peak is determined and then a mean concentration for the three to five major peaks is determined on each column.

11.2.1.2.7 The reporting requirements for Toxaphene and the Aroclors are similar to those for the single component analytes, except that the lower mean concentration (from three to five peaks) is reported on Form I, and the two mean concentrations reported on Form X. The two mean concentrations are compared by calculating the percent difference using Equation 15.

11.2.2 CRQL Calculation

If the adjusted CRQL is less than the CRQL listed in Exhibit C (Pesticides), report the CRQL in Exhibit C (Superfund-CLP-Pesticides).

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11.2.2.1 Water Samples

Equation 16

$$\text{Adjusted CRQL} = \text{Protocol CRQL} \times \frac{(V_x) (V_t) (V_y) (D_f)}{(V_o) (V_c) (V_i)}$$

Where,

V_t , D_f , V_o and V_s are as given in Equation 6.

V_x = Protocol sample volume (1,000 mL)

V_y = Protocol injection volume (2 μ L)

V_c = Protocol concentrated extract volume (1,000 μ L if GPC is not performed, and 500 μ L if GPC was performed).

11.2.2.2 Soil/Sediment Samples

Equation 17

$$\text{Adjusted CRQL} = \text{Protocol CRQL} \times \frac{(W_x) (V_i) (V_y) (D_f)}{(W_s) (V_c) (V_i) (D)}$$

Where,

V_i , D_f , W_s , V_s , and D are as given in Equation 17.

W_x = Protocol sample weight (30 g for low level and 1 g for medium level soil/sediment samples)

V_y = Protocol injection volume (2 μ L)

V_c = Protocol concentrated extract volume (500 μ L, GPC is required).

11.2.3 Surrogate Recoveries

11.2.3.1 The concentrations of the surrogates are calculated separately for each GC column in a similar manner as the other analytes, using Equations 13 and 14. Use the calibration factors from the midpoint concentration of Individual Standard Mixture A from the initial calibration. The recoveries of the surrogates are calculated for each GC column according to Equation 12, repeated below.

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Equation 12

$$\text{Percent Recovery} = \frac{Q_d}{Q_a} \times 100$$

Where,

Q_d = Quantity determined by analysis

Q_a = Quantity added

11.2.3.2 The advisory limits for the recovery of the surrogates are 30 - 150 percent for both surrogate compounds.

Injection Log

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Upstate Laboratories, Inc.

Turbochrom Sequence File : C:\DATA65\GA3145.SEQ

Created by : dms on : 12/5/05 05:00 PM

Edited by : manager on : 12/5/05 05:00 PM

Description :

Number of Times Edited : 0

12856

Sequence File Header Information:

Number of Rows : 44
Instrument Type : HP 5890A GC with HP 7673 Autosampler
Injection Type : DUAL

Sequence Sample Descriptions - Channel A												
Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	HEXANE	1		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
2	Sample	CKPIBLK 20PPB	2		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
3	Sample	AR1242 250PPB	3		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
4	Sample	mb-5270	4	5270	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
5	Sample	lcs-5270	5		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
6	Sample	u0511380-001a	6		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
7	Sample	u0511380-002a	7		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
8	Sample	u0511380-003a	8		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
9	Sample	u0511380-004a	9		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
10	Sample	u0511380-005a	10		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
11	Sample	u0511380-006a	11		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
12	Sample	u0511380-007a	12		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
13	Sample	u0511380-008a	13		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
14	Sample	u0511380-009a	14		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
15	Sample	u0511380-010a	15		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
16	Sample	u0511380-011a	16		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
17	Sample	u0511380-012a	17		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
18	Sample	u0511380-013a	18		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
19	Sample	u0511380-014a	19		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
20	Sample	u0511380-015a	20		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
21	Sample	u0511380-016a	21		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
22	Sample	u0511380-017a	22		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
23	Sample	u0511380-018a	23		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
24	Sample	hexane	24		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
25	Sample	ckpiblk	25		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
26	Sample	ar1248 250ppb	26		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
27	Sample	u0511380-019a	27		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
28	Sample	u0511380-020a	28		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
29	Sample	u0511380-021a	29		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
30	Sample	u0511380-021ams	30		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
31	Sample	u0511380-021amsd	31		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
32	Sample	u0511380-022a	32		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
33	Sample	u0511380-023a	33		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
34	Sample	u0511380-024a	34		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
35	Sample	u0511380-025a	35		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
36	Sample	u0511380-026a	36		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
37	Sample	u0511380-027a	37		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
38	Sample	u0511380-028a	38		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
39	Sample	u0511380-029a	39		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
40	Sample	u0511380-030a	40		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
41	Sample	hexane	41		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
42	Sample	ckpiblk	42		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
43	Sample	ar1254 250ppb	43		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
44	Sample	hexane	44		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000

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Sequence Sample Descriptions - Channel B												
Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	HEXANE	1		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
2	Sample	HEXANE	2		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
3	Sample	CKPIBLK 20PPB	3		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
4	Sample	ar1242 250ppb	4		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
5	Sample	mb-5270	5	5270	1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
6	Sample	lcs-5270	6		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
7	Sample	u0511380-001a	7		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
8	Sample	u0511380-002a	8		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
9	Sample	u0511380-003a	9		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000

Sequence Process Information - Channel B

Row	Site	Rack	Vial	Inst Method	Process Method	Calib Method	Report Format	Raw File	Result File	Baseline File	Modified Raw File	Cal Rpt	Level Name	Update RT	Out Dev
1	-	-	100	PCB2CH	I1242228	I1242228	ipcb	Ic05001	Ic05001		i304001	-	-	-	DEFAULT,1
2	-	-	1	PCB2CH	I1242228	I1242228	ipcb	Ic05002	Ic05002		i304001	-	-	-	DEFAULT,1
3	-	-	2	PCB2CH	I1242228	I1242228	ipcb	Ic05003	Ic05003		i304001	-	-	-	DEFAULT,1
4	-	-	3	PCB2CH	I1242228	I1242228	ipcb	Ic05004	Ic05004		i304002	-	-	-	DEFAULT,1
5	-	-	4	PCB2CH	I1242228	I1242228	ipcb	Ic05005	Ic05005		i304003	-	-	-	DEFAULT,1
6	-	-	5	PCB2CH	I1242228	I1242228	ipcb	Ic05006	Ic05006		i304004	-	-	-	DEFAULT,1
7	-	-	6	PCB2CH	I1242228	I1242228	ipcb	Ic05007	Ic05007		i304005	-	-	-	DEFAULT,1
8	-	-	7	PCB2CH	I1242228	I1242228	ipcb	Ic05008	Ic05008		i304006	-	-	-	DEFAULT,1
9	-	-	8	PCB2CH	I1242228	I1242228	ipcb	Ic05009	Ic05009		i304007	-	-	-	DEFAULT,1
10	-	-	9	PCB2CH	I1242228	I1242228	ipcb	Ic05010	Ic05010		i304008	-	-	-	DEFAULT,1
11	-	-	10	PCB2CH	I1242228	I1242228	ipcb	Ic05011	Ic05011		i304009	-	-	-	DEFAULT,1
12	-	-	11	PCB2CH	I1242228	I1242228	ipcb	Ic05012	Ic05012		i304010	-	-	-	DEFAULT,1
13	-	-	12	PCB2CH	I1242228	I1242228	ipcb	Ic05013	Ic05013		i304011	-	-	-	DEFAULT,1
14	-	-	13	PCB2CH	I1242228	I1242228	ipcb	Ic05014	Ic05014		i304012	-	-	-	DEFAULT,1
15	-	-	14	PCB2CH	I1242228	I1242228	ipcb	Ic05015	Ic05015		i304013	-	-	-	DEFAULT,1
16	-	-	15	PCB2CH	I1242228	I1242228	ipcb	Ic05016	Ic05016		i304014	-	-	-	DEFAULT,1
17	-	-	16	PCB2CH	I1242228	I1242228	ipcb	Ic05017	Ic05017		i304015	-	-	-	DEFAULT,1
18	-	-	17	PCB2CH	I1242228	I1242228	ipcb	Ic05018	Ic05018		i304016	-	-	-	DEFAULT,1
19	-	-	18	PCB2CH	I1242228	I1242228	ipcb	Ic05019	Ic05019		i304017	-	-	-	DEFAULT,1
20	-	-	19	PCB2CH	I1242228	I1242228	ipcb	Ic05020	Ic05020		i304018	-	-	-	DEFAULT,1
21	-	-	20	PCB2CH	I1242228	I1242228	ipcb	Ic05021	Ic05021		i304019	-	-	-	DEFAULT,1
22	-	-	21	PCB2CH	I1242228	I1242228	ipcb	Ic05022	Ic05022		i304020	-	-	-	DEFAULT,1
23	-	-	22	PCB2CH	I1242228	I1242228	ipcb	Ic05023	Ic05023		i304021	-	-	-	DEFAULT,1
24	-	-	23	PCB2CH	I1242228	I1242228	ipcb	Ic05024	Ic05024		i304022	-	-	-	DEFAULT,1
25	-	-	24	PCB2CH	I1242228	I1242228	ipcb	Ic05025	Ic05025		i304023	-	-	-	DEFAULT,1
26	-	-	25	PCB2CH	I1242228	I1242228	ipcb	Ic05026	Ic05026		i304024	-	-	-	DEFAULT,1
27	-	-	26	PCB2CH	I1242228	I1242228	ipcb	Ic05027	Ic05027		i304025	-	-	-	DEFAULT,1
28	-	-	27	PCB2CH	I1242228	I1242228	ipcb	Ic05028	Ic05028		i304026	-	-	-	DEFAULT,1
29	-	-	28	PCB2CH	I1242228	I1242228	ipcb	Ic05029	Ic05029		i304027	-	-	-	DEFAULT,1
30	-	-	29	PCB2CH	I1242228	I1242228	ipcb	Ic05030	Ic05030		i304028	-	-	-	DEFAULT,1
31	-	-	30	PCB2CH	I1242228	I1242228	ipcb	Ic05031	Ic05031		i304029	-	-	-	DEFAULT,1
32	-	-	31	PCB2CH	I1242228	I1242228	ipcb	Ic05032	Ic05032		i304030	-	-	-	DEFAULT,1
33	-	-	32	PCB2CH	I1242228	I1242228	ipcb	Ic05033	Ic05033		i304031	-	-	-	DEFAULT,1
34	-	-	33	PCB2CH	I1242228	I1242228	ipcb	Ic05034	Ic05034		i304032	-	-	-	DEFAULT,1
35	-	-	34	PCB2CH	I1242228	I1242228	ipcb	Ic05035	Ic05035		i304033	-	-	-	DEFAULT,1
36	-	-	35	PCB2CH	I1242228	I1242228	ipcb	Ic05036	Ic05036		i304034	-	-	-	DEFAULT,1
37	-	-	36	PCB2CH	I1242228	I1242228	ipcb	Ic05037	Ic05037		i304035	-	-	-	DEFAULT,1
38	-	-	37	PCB2CH	I1242228	I1242228	ipcb	Ic05038	Ic05038		i304036	-	-	-	DEFAULT,1
39	-	-	38	PCB2CH	I1242228	I1242228	ipcb	Ic05039	Ic05039		i304037	-	-	-	DEFAULT,1
40	-	-	39	PCB2CH	I1242228	I1242228	ipcb	Ic05040	Ic05040		i304038	-	-	-	DE-1292-
41	-	-	40	PCB2CH	I1242228	I1242228	ipcb	Ic05041	Ic05041		i304039	-	-	-	DEFAULT,1
42	-	-	41	PCB2CH	I1242228	I1242228	ipcb	Ic05042	Ic05042		i304040	-	-	-	DEFAULT,1
43	-	-	42	PCB2CH	I1242228	I1242228	ipcb	Ic05043	Ic05043		i304041	-	-	-	DEFAULT,1
44	-	-	43	PCB2CH	I1242228	I1242228	ipcb	Ic05044	Ic05044		i304042	-	-	-	DEFAULT,1

Turbochrom Sequence File : C:\DATA65\GA3152.SEQ

Created by : dms on : 12/9/05 01:21 PM

Edited by : manager on : 12/9/05 01:21 PM

Description :

Number of Times Edited : 0

12887

Sequence File Header Information:

Number of Rows : 25

Instrument Type : HP 5890A GC with HP 7673 Autosampler

Injection Type : DUAL

Sequence Sample Descriptions - Channel A												
Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	HEXANE	1		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
2	Sample	CKPIBLK 20PPB	2		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
3	Sample	AR1254 250PPB	3		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
4	Sample	u0511380-001a	4	5270	1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
5	Sample	u0511380-002a	5		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
6	Sample	u0511380-003a	6		1.000	1.000	1.000	1000.000	10.000	30.000	0.000	100.000
7	Sample	u0511380-007a	7		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
8	Sample	u0511380-016a	8		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
9	Sample	u0511380-017a	9		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
10	Sample	0511380-018a	10		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
11	Sample	0511380-019a	11		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
12	Sample	u0511380-020a	12		1.000	1.000	1.000	1000.000	10.000	30.000	0.000	100.000
13	Sample	u0511380-021a	13		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
14	Sample	0511380-021ams	14		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
15	Sample	0511380-021amsd	15		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
16	Sample	u0511380-022a	16		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
17	Sample	u0511380-023a	17		1.000	1.000	1.000	10.000	10.000	30.000	0.000	10 - 1293-
18	Sample	u0511380-025a	18		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
19	Sample	u0511380-027a	19		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
20	Sample	u0511380-029a	20		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
21	Sample	u0511380-030a	21		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
22	Sample	hexane	22		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
23	Sample	ckpiblk	23		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
24	Sample	ar1242 250ppb	24		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
25	Sample	hexane	25		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000

Sequence Sample Descriptions - Channel B												
Row	Type	Sample Name	Sample Number	Study Name	Sample Amount	ISTD Amount	Sample Volume	Dil. Factor	Mult	Divisor	Addend	Norm. factor
1	Sample	HEXANE	1		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
2	Sample	HEXANE	2		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
3	Sample	CKPIBLK 20PPB	3		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
4	Sample	ar1254 250ppb	4		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
5	Sample	u0511380-001a	5		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
6	Sample	u0511380-002a	6		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
7	Sample	u0511380-003a	7		1.000	1.000	1.000	1000.000	10.000	30.000	0.000	100.000
8	Sample	u0511380-007a	8		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
9	Sample	u0511380-016a	9		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
10	Sample	u0511380-017a	10		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
11	Sample	0511380-018a	11		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
12	Sample	0511380-019a	12		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
13	Sample	u0511380-020a	13		1.000	1.000	1.000	1000.000	10.000	30.000	0.000	100.000
14	Sample	u0511380-021a	14		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
15	Sample	0511380-021ams	15		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
16	Sample	0511380-021amsd	16		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
17	Sample	u0511380-022a	17		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
18	Sample	u0511380-023a	18		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
19	Sample	u0511380-025a	19		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
20	Sample	u0511380-027a	20		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
21	Sample	u0511380-029a	21		1.000	1.000	1.000	100.000	10.000	30.000	0.000	100.000
22	Sample	u0511380-030a	22		1.000	1.000	1.000	10.000	10.000	30.000	0.000	100.000
23	Sample	hexane	23		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
24	Sample	ckpiblk	24		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000
25	Sample	ar1248 250ppb	25		1.000	1.000	1.000	1.000	10.000	30.000	0.000	100.000

Sequence Process Information - Channel A															
Row	Site	Rack	Vial	Inst Method	Process Method	Calib Method	Report Format	Raw File	Result File	Baseline File	Modified Raw File	Cal Rpt	Level Name	Update RT	Out Dev
1	-	-	1	PCB2CH	H1242228	H1242228	hpcb	Hc09001	Hc09001		h304001	-	-	-	DEFAULT,I
2	-	-	2	PCB2CH	H1242228	H1242228	hpcb	Hc09002	Hc09002		h304001	-	-	-	DEFAULT,I
3	-	-	3	PCB2CH	H1242228	H1242228	hpcb	Hc09003	Hc09003		h304001	-	-	-	DEFAULT,I
4	-	-	4	PCB2CH	H1254228	H1254228	hpcb	Hc09004	Hc09004		h304005	-	-	-	DEFAULT,I
5	-	-	5	PCB2CH	H1254228	H1254228	hpcb	Hc09005	Hc09005		h304006	-	-	-	DEFAULT,I
6	-	-	6	PCB2CH	H1254228	H1254228	hpcb	Hc09006	Hc09006		h304019	-	-	-	DEFAULT,I
7	-	-	7	PCB2CH	H1254228	H1254228	hpcb	Hc09007	Hc09007		h304021	-	-	-	DEFAULT,I
8	-	-	8	PCB2CH	H1254228	H1254228	hpcb	Hc09008	Hc09008		h304025	-	-	-	DEFAULT,I
9	-	-	9	PCB2CH	H1254228	H1254228	hpcb	Hc09009	Hc09009		h304027	-	-	-	DEFAULT,I
10	-	-	10	PCB2CH	H1254228	H1254228	hpcb	Hc09010	Hc09010		h304028	-	-	-	DEFAULT,I
11	-	-	11	PCB2CH	H1254228	H1254228	hpcb	Hc09011	Hc09011		h304029	-	-	-	DEFAULT,I
12	-	-	12	PCB2CH	H1254228	H1254228	hpcb	Hc09012	Hc09012		h304030	-	-	-	DEFAULT,I
13	-	-	13	PCB2CH	H1254228	H1254228	hpcb	Hc09013	Hc09013		h304031	-	-	-	DEFAULT,I
14	-	-	14	PCB2CH	H1254228	H1254228	hpcb	Hc09014	Hc09014		h304033	-	-	-	DEFAULT,I
15	-	-	15	PCB2CH	H1254228	H1254228	hpcb	Hc09015	Hc09015		h304035	-	-	-	DEFAULT,I
16	-	-	16	PCB2CH	H1254228	H1254228	hpcb	Hc09016	Hc09016		h304037	-	-	-	DEFAULT,I
17	-	-	17	PCB2CH	H1254228	H1254228	hpcb	Hc09017	Hc09017		h304038	-	-	-	DEFAULT,I
18	-	-	18	PCB2CH	H1254228	H1254228	hpcb	Hc09018	Hc09018		h304039	-	-	-	DEFAULT,I
19	-	-	19	PCB2CH	H1254228	H1254228	hpcb	Hc09019	Hc09019		h304040	-	-	-	DEFAULT,I
20	-	-	20	PCB2CH	H1254228	H1254228	hpcb	Hc09020	Hc09020		h304041	-	-	-	DEFAULT,I
21	-	-	21	PCB2CH	H1254228	H1254228	hpcb	Hc09021	Hc09021		h304042	-	-	-	DEFAULT,I
22	-	-	22	PCB2CH	H1254228	H1254228	hpcb	Hc09022	Hc09022		h304043	-	-	-	DEFAULT,I
23	-	-	23	PCB2CH	H1254228	H1254228	hpcb	Hc09023	Hc09023		h304044	-	-	-	DEFAULT,I
24	-	-	24	PCB2CH	H1254228	H1254228	hpcb	Hc09024	Hc09024		h304045	-	-	-	DEFAULT,I
25	-	-	100	PCB2CH	H1254228	H1254228	hpcb	Hc09025	Hc09025		h304046	-	-	-	DEFAULT,I

Sequence Process Information - Channel B															
Row	Site	Rack	Vial	Inst Method	Process Method	Calib Method	Report Format	Raw File	Result File	Baseline File	Modified Raw File	Cal Rpt	Level Name	Update RT	Out Dev
1	-	-	100	PCB2CH	I1242228	I1242228	ipcb	Ic09001	Ic09001		i304001	-	-	-	DEFAULT,I
2	-	-	1	PCB2CH	I1242228	I1242228	ipcb	Ic09002	Ic09002		i304001	-	-	-	DEFAULT,I
3	-	-	2	PCB2CH	I1242228	I1242228	ipcb	Ic09003	Ic09003		i304001	-	-	-	DEFAULT,I
4	-	-	3	PCB2CH	I1254228	I1254228	ipcb	Ic09004	Ic09004		i304005	-	-	-	DEFAULT,I
5	-	-	4	PCB2CH	I1254228	I1254228	ipcb	Ic09005	Ic09005		i304006	-	-	-	DEFAULT,I
6	-	-	5	PCB2CH	I1254228	I1254228	ipcb	Ic09006	Ic09006		i304019	-	-	-	DEFAULT,I
7	-	-	6	PCB2CH	I1254228	I1254228	ipcb	Ic09007	Ic09007		i304021	-	-	-	DEFAULT,I
8	-	-	7	PCB2CH	I1248228	I1248228	ipcb	Ic09008	Ic09008		i304025	-	-	-	DEFAULT,I
9	-	-	8	PCB2CH	I1254228	I1254228	ipcb	Ic09009	Ic09009		i304027	-	-	-	DEFAULT,I
10	-	-	9	PCB2CH	I1254228	I1254228	ipcb	Ic09010	Ic09010		i304028	-	-	-	DEFAULT,I
11	-	-	10	PCB2CH	I1254228	I1254228	ipcb	Ic09011	Ic09011		i304029	-	-	-	DEFAULT,I
12	-	-	11	PCB2CH	I1254228	I1254228	ipcb	Ic09012	Ic09012		i304030	-	-	-	DEFAULT,I
13	-	-	12	PCB2CH	I1254228	I1254228	ipcb	Ic09013	Ic09013		i304031	-	-	-	DEFAULT,I
14	-	-	13	PCB2CH	I1254228	I1254228	ipcb	Ic09014	Ic09014		i304033	-	-	-	DEFAULT,I
15	-	-	14	PCB2CH	I1254228	I1254228	ipcb	Ic09015	Ic09015		i304035	-	-	-	DEFAULT,I
16	-	-	15	PCB2CH	I1254228	I1254228	ipcb	Ic09016	Ic09016		i304037	-	-	-	DEFAULT,I
17	-	-	16	PCB2CH	I1254228	I1254228	ipcb	Ic09017	Ic09017		i304038	-	-	-	DEFAULT,I
18	-	-	17	PCB2CH	I1254228	I1254228	ipcb	Ic09018	Ic09018		i304039	-	-	-	DEFAULT,I
19	-	-	18	PCB2CH	I1254228	I1254228	ipcb	Ic09019	Ic09019		i304040	-	-	-	DEFAULT,I
20	-	-	19	PCB2CH	I1254228	I1254228	ipcb	Ic09020	Ic09020		i304041	-	-	-	DEFAULT,I
21	-	-	20	PCB2CH	I1254228	I1254228	ipcb	Ic09021	Ic09021		i304042	-	-	-	DEFAULT,I
22	-	-	21	PCB2CH	I1254228	I1254228	ipcb	Ic09022	Ic09022		i304043	-	-	-	DEFAULT,I
23	-	-	22	PCB2CH	I1254228	I1254228	ipcb	Ic09023	Ic09023		i304044	-	-	-	DEFAULT,I
24	-	-	23	PCB2CH	I1254228	I1254228	ipcb	Ic09024	Ic09024		i304045	-	-	-	DEFAULT,I
25	-	-	24	PCB2CH	I1254228	I1254228	ipcb	Ic09025	Ic09025		i304046	-	-	-	DEFAULT,I

Copy of Extraction Log

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Upstate Laboratories, Inc.

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PREP BATCH REPORT

Page: 1 of 2

Prep Start Date: 11/29/05 10:15:40 A

Prep End Date: 11/29/05 5:00:00 P

Prep Batch 5270 Prep Code: 3550_PCBASP Technician: AARON TINTLE
 Prep Factor Units: mL / g

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-5270	Solid		30	0	0	10	0.333	11/29/05	11/29/05
LCS-5270	Solid		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-001A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-002A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-003A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-004A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-005A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-006A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-007A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-008A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-009A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-010A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-011A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-012A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-013A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-014A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-015A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-016A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-017A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-018A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-019A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-020A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-021A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-021AMS	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-021AMSD	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-022A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-023A	Soil		30	0	0	10	0.333	11/29/05	11/29/05

QC

Upstate Laboratories, Inc.

PREP BATCH REPORT

Page: 2 of 2

Prep Start Date: 11/29/05 10:15:40 A

Prep End Date: 11/29/05 5:00:00 P

Prep Factor Units:
mL / g

Prep Batch 5270 Prep Code: 3550 PCBASP Technician: AARON TINTLE

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
U0511380-024A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-025A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-026A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-027A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-028A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-029A	Soil		30	0	0	10	0.333	11/29/05	11/29/05
U0511380-030A	Soil		30	0	0	10	0.333	11/29/05	11/29/05

Number	Reagent Name
91	HEXANES
113	METHYLENE CHLORIDE
120	Acetone

Spk ID	Spike Name	SampleType	AmtAdd
E0194	Arochlor 1242 (1ppm)		2
E0216	TCX & DCB (0.2ppm)		1