SR-28-0143

Appendix H - PCB Cleanup Verification Report, 1 of 2

Boliden Metech Allens Avenue Facility

Laboratory Analytical Results, Sampling Round 3

434 Allens Avenue
Providence,
Rhode Island

Prepared for **Boliden Metech, Inc.**
Mapleville, Rhode Island

Prepared by ***VHB*/Vanasse Hangen Brustlin, Inc.**
Watertown, Massachusetts

March 1998

MITKEM CORPORATION

Client: VHB, Inc.

Client Project: 70632.13 (Boliden Metech, Inc.)

Lab Project No.: C0845

Date Samples Received: August 21 and 27, 1996

Project Narrative

One hundred and two (102) samples including soils, water and wipes were received from VHB Inc. on August 21 and 27, 1996 and analyzed for the parameters specified in the Chain of Custody Form. For reference, a copy of the Mitkem Sample Log-in Sheet is included for cross-referencing the Client sample ID and laboratory sample ID.

The analysis results were presented per extraction batches. Due to limited sample availability, duplicate matrix spikes could not be performed for the water and wipe samples.

The high PCB concentration in many of the samples necessitated extract dilution prior to analysis. In several instances, the surrogates were diluted out and could not be determined. For several analyses, the high PCB concentration also contributed to high recovery of the surrogates due to coeluting interferences.

We were not able to determine the matrix spike recovery for several sets of samples due to the high PCB concentrations which contributed positive interferences to the congeners.

No other unusual observation was made for the analysis.

The enclosed data package has been reviewed and is authorized for release as evidenced by the signature below.

Anjana K. Saini

Anjana K. Saini, Ph.D.
QA/QC Director

Data Qualifiers:

J This flag indicates an estimated value due to either
- the compound was detected at below the Reporting Limit, or
- estimated concentration for Tentatively Identified Compound

B This flag indicates the analyte was also detected in the associated Method Blank

D This flag indicates the analyte concentration was obtained from a diluted analysis

E This flag indicates the analyte concentration exceeded the Calibration Range

P This flag is used for Pesticides/PCB/Herbicide analyte when there is a greater than 50% difference for detected concentration between the two GC columns used for Primary and Confirmation analyses. The lower of the two values is reported in the Analysis Report.

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0822-B1
Extraction Date: 8/22/96
Matrix: Soil

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-01	PM1	65	72
C0845-02	PO1	85	75
C0845-03	PP1	58	58
C0845-04	PQ2	80	88
C0845-05	PQ3	95	98
C0845-06	PR1	78	122
C0845-07	PR2	78	135
C0845-08	PR3	80	138
C0845-09	PS1	68	70
C0845-10	PS3	102	55
C0845-11	PT1	72	20
C0845-12	PT2	78	78
C0845-13	PT3	95	82
C0845-14	PU1	95	75
C0845-16	PV2	165	125
C0845-17	PW~~2~~ 3 KOS	98	88
C0845-18	PM4	98	128
C0845-19	PN5	108	185
C0845-20	PO4	78	105
QA/QC			
Method Blank			
P0822-B1		90	75
Lab Control Sample			
P0822-LCS1		88	75
Matrix Spike Summary			
C0845-01MS		100	98
C0845-01MSD		112	118

0003

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0904-B1
Extraction Date: 9/4/96
Matrix: Soil

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-15	PV1	100	65
QA/QC			
Method Blank			
P0904-B1		102	65
Lab Control Sample			
P0904-LCS1		102	68

0004

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0823-B1
Extraction Date: 8/23/96
Matrix: Soil

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-21	PO6	DL	DL
C0845-22	PP5	82	98
C0845-23	PP6	50	*
C0845-24	PQ5	75	62
C0845-25	PQ6	98	82
C0845-26	PR4	DL	DL
C0845-27	PR5	72	*
C0845-28	PR6	88	112
C0845-29	PS5	82	70
C0845-30	PT4	82	68
C0845-31	PT5	62	72
C0845-32	PT6	40	70
C0845-33	PU4	80	88
C0845-34	PU5	80	108
C0845-35	PU6	52	45
C0845-36	PV5	78	62
C0845-37	PW4	95	*
C0845-38	PW5	92	65
C0845-39	PW6	72	55
C0845-40	PX6	78	62
QA/QC			
Method Blank			
P0823-B1		88	78
Lab Control Sample			
P0823-LCS2		95	72
Matrix Spike Summary			
C0845-21MS		90	75
C0845-21MSD		88	65

DL = Diluted out

* Surrogate recovery could not be accurately determined.

0005

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0827-B1
Extraction Date: 8/27/96
Matrix: Soil

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-41	PM7	75	175
C0845-42	PM9	75	125
C0845-43	PN7	75	325
C0845-44	PN8	75	125
C0845-45	PN9	75	100
C0845-46	PO7	100	150
QA/QC			
Method Blank			
P0827-B1		78	62
Lab Control Sample			
P0827-LCS1		88	62
Matrix Spike Summary			
C0845-46MS		DL	DL
C0845-46MSD		DL	DL

DL = Diluted out

00006

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0828-B1
Extraction Date: 8/28/96
Matrix: Soil

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-47	PO9	75	75
C0845-48	PP8	50	100
C0845-49	PP9	100	100
C0845-50	PQ8	92	*
C0845-51	PQ9	75	75
C0845-52	PR7	98	72
C0845-53	PR8	110	75
C0845-54	PR9	75	75
C0845-55	PS7	75	75
C0845-56	PS8	75	75
C0845-57	PS9	100	75
C0845-58	PT7	75	*
C0845-59	PT8	75	75
C0845-60	PU7	75	100
C0845-74	DP6	75	225
C0845-75	DT6	100	*
C0845-76	DW4	108	70
C0845-77	DP9	100	100
QA/QC			
Method Blank P0828-B1		92	70
Lab Control Sample P0828-LCS1		92	68
Matrix Spike Summary			
C0845-77MS		75	125
C0845-77MSD		100	125

* Surrogate recovery could not be accurately determined.

0007

C0845-28B1

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0827-B2
Extraction Date: 8/27/96
Matrix: Soil

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-61	PM10	75	150
C0845-62	PM12	75	75
C0845-63	PN10	100	175
C0845-64	PN11	75	*
C0845-65	PN12	75	250
C0845-66	PO10	100	125
C0845-67	PO11	75	*
C0845-68	PQ10	75	100
C0845-69	PQ12	75	75
C0845-70	PR10	75	75
C0845-71	PR11	75	75
C0845-72	PR12	75	100
C0845-73	DR2	75	100
QA/QC			
Method Blank			
P0827-B2		95	75
Lab Control Sample			
P0827-L2		95	72
Matrix Spike Summary			
C0845-61MS		50	75
C0845-61MSD		75	100

* Surrogate recovery could not be accurately determined.

0008

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0822-B2
Extraction Date: 8/22/96
Matrix: Aqueous

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-80	DEQAQCM1	75	40
C0845-81	DEQAQCQ2	85	50
C0845-82	DEQAQCT2	75	25
C0845-83	DEQAQCO4	85	35
C0845-84	DEQAQCN7	70	35
C0845-85	DEQAQCM9	75	35
C0845-86	DEQAQCO10	65	45
QA/QC			
Method Blank			
P0822-B2		95	75
Lab Control Sample			
P0822-LCS2		85	65

0009

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0826-B1
Extraction Date: 8/26/96
Matrix: Wipe

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-87	DLACW01	100	75
C0845-88	DLACW03	108	82
C0845-89	DLACW04	105	75
C0845-90	DLACW05	85	62
C0845-91	DLACW07	88	68
C0845-92	DLACW08	88	65
C0845-93	DLACW09	105	72
C0845-94	DLACWD01	102	72
C0845-95	DLACWSB	95	72
QA/QC			
Method Blank			
P0826-B1		98	75
Lab Control Sample			
P0826-LCS1		98	68

0011

MITKEM CORPORATION

Surrogate Recovery Summary

Client: VHB, Inc.
QC Batch: P0828-B3
Extraction Date: 8/28/96
Matrix: Soil

		% Surrogate Recovery	
Lab ID	Client ID	2,4,5,6-Tetrachlorobenzene	Decachlorobiphenyl
C0845-78	DT7	75	125
C0845-79	DQ10	75	75
C0845-96	PP11	75	75
C0845-97	PP12	100	75
C0845-98	P STAND 1	75	75
C0845-99	P STAND 2	75	75
C0845-100	PU9	75	75
C0845-101	PM5	75	*
C0845-102	PM6	75	25
QA/QC			
Method Blank			
P0828-B3		85	62
Lab Control Sample			
P0828-LCS3		85	60
Matrix Spike Summary			
C0845-96MS		75	125
C0845-96MSD		75	100

* Surrogate recovery could not be accurately determined.

0011

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM1
Lab ID: C0845-01
Analysis: Method 8080

Analysis Date: 8/26/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	30,000 D	37
Aroclor-1248	ND	37
Aroclor-1254	11,000 D	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	65%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0822-B1

0012

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PO1
Lab ID: C0845-02
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	73
Aroclor-1232	ND	36
Aroclor-1242	5,600 D	36
Aroclor-1248	ND	36
Aroclor-1254	1,700	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0822-B1

0013

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP1
Lab ID: C0845-03
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	3,300 D	36
Aroclor-1248	ND	36
Aroclor-1254	1,700	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	58%
Decachlorobiphenyl	58%

ND=Not Detected

QC Batch: P0822-B1

0014

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ2
Lab ID: C0845-04
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	70
Aroclor-1232	ND	35
Aroclor-1242	24,000 D	35
Aroclor-1248	ND	35
Aroclor-1254	9,000 D	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	88%

ND=Not Detected

QC Batch: P0822-B1

0015

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ3
Lab ID: C0845-05
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	3,600 D	36
Aroclor-1248	ND	36
Aroclor-1254	2,300 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	98%

ND=Not Detected

QC Batch: P0822-B1

0016

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR1
Lab ID: C0845-06
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	38
Aroclor-1221	ND	75
Aroclor-1232	ND	38
Aroclor-1242	33,000 D	38
Aroclor-1248	ND	38
Aroclor-1254	16,000 D	38
Aroclor-1260	ND	38

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	122%

ND=Not Detected

QC Batch: P0822-B1

0017

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR2
Lab ID: C0845-07
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	53,000 D	36
Aroclor-1248	ND	36
Aroclor-1254	21,000 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	135%

ND=Not Detected

QC Batch: P0822-B1

0018

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR3
Lab ID: C0845-08
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	10,000 D	37
Aroclor-1248	ND	37
Aroclor-1254	3,900 D	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	138%

ND=Not Detected

QC Batch: P0822-B1

0019

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS1
Lab ID: C0845-09
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	71
Aroclor-1232	ND	36
Aroclor-1242	10,000 D	36
Aroclor-1248	ND	36
Aroclor-1254	5,000 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	68%
Decachlorobiphenyl	70%

ND=Not Detected

QC Batch: P0822-B1

0020

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS3
Lab ID: C0845-10
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	17,000 D	37
Aroclor-1248	ND	37
Aroclor-1254	9,300 D	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	102%
Decachlorobiphenyl	55%

ND=Not Detected

QC Batch: P0822-B1

0021

C0845-10

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT1
Lab ID: C0845-11
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	73
Aroclor-1232	ND	36
Aroclor-1242	ND	36
Aroclor-1248	ND	36
Aroclor-1254	450	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	72%
Decachlorobiphenyl	20%

ND=Not Detected

QC Batch: P0822-B1

0022

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT2
Lab ID: C0845-12
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	17,000 D	36
Aroclor-1248	ND	36
Aroclor-1254	7,500 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	78%

ND=Not Detected

QC Batch: P0822-B1

0023

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT3
Lab ID: C0845-13
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	69
Aroclor-1232	ND	35
Aroclor-1242	1,300	35
Aroclor-1248	ND	35
Aroclor-1254	690	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	82%

ND=Not Detected

QC Batch: P0822-B1

0024

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PU1
Lab ID: C0845-14
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	70
Aroclor-1232	ND	35
Aroclor-1242	310	35
Aroclor-1248	ND	35
Aroclor-1254	240	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0822-B1

0025

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PV2
Lab ID: C0845-16
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	38
Aroclor-1221	ND	76
Aroclor-1232	ND	38
Aroclor-1242	8,300 D	38
Aroclor-1248	ND	38
Aroclor-1254	5,000 D	38
Aroclor-1260	ND	38

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	165%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0822-B1

0026

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PW~~1~~ 3 KOS
Lab ID: C0845-17
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 98% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	67
Aroclor-1232	ND	33
Aroclor-1242	95	33
Aroclor-1248	ND	33
Aroclor-1254	44	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	88%

ND=Not Detected

QC Batch: P0822-B1

0027

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM4
Lab ID: C0845-18
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	75
Aroclor-1232	ND	37
Aroclor-1242	36,000 D	37
Aroclor-1248	ND	37
Aroclor-1254	17,000 D	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	128%

ND=Not Detected

QC Batch: P0822-B1

0028

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PN5
Lab ID: C0845-19
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 85% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	39
Aroclor-1221	ND	78
Aroclor-1232	ND	39
Aroclor-1242	64,000 D	39
Aroclor-1248	ND	39
Aroclor-1254	25,000 D	39
Aroclor-1260	ND	39

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	108%
Decachlorobiphenyl	185%

ND=Not Detected

QC Batch: P0822-B1

0029

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PO4
Lab ID: C0845-20
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	71
Aroclor-1232	ND	35
Aroclor-1242	5,900 D	35
Aroclor-1248	ND	35
Aroclor-1254	4,400 D	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	105%

ND=Not Detected

QC Batch: P0822-B1

0030

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0822-B1
Analysis: Method 8080

Analysis Date: 8/26/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	90%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0822-B1

0031

C0845-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0822-L1
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 8/26/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	75
2,2',3,3',4,4'-Hexachlorobiphenyl	74

QC Batch: P0822-B1

10032

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: PM1
Lab ID for Matrix Spike: C0845-01MS
Lab ID for Matrix Spike Duplicate: C0845-01MSD
Analysis: Method 8080

Matrix: Soil
Analysis Date for Matrix Spike: 8/26/96
Analysis Date for Matrix Spike Duplicate: 8/27/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	57	61	7
2,2',3,3',4,4'-Hexachlorobiphenyl	49	57	15

QC Batch: P0822-B1

0033

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PV1
Lab ID: C0845-15
Analysis: Method 8080

Analysis Date: 9/5/96
Matrix: Soil, 96% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	69
Aroclor-1232	ND	35
Aroclor-1242	280	35
Aroclor-1248	ND	35
Aroclor-1254	150	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	65%

ND=Not Detected

QC Batch: P0904-B1

0034

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0904-B1
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	102%
Decachlorobiphenyl	65%

ND=Not Detected

QC Batch: P0904-B1

0035

C0845-MB3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0904-LCS3
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 9/5/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	79
2,2',3,3',4,4'-Hexachlorobiphenyl	80

QC Batch: P0904-B1

0036

C0845-LCS3

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PO6
Lab ID: C0845-21
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 50

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1,900
Aroclor-1221	ND	3,900
Aroclor-1232	ND	1,900
Aroclor-1242	60,000	1,900
Aroclor-1248	ND	1,900
Aroclor-1254	24,000	1,900
Aroclor-1260	ND	1,900

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	DL
Decachlorobiphenyl	DL

ND=Not Detected

QC Batch: P0823-B1

0037

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP5
Lab ID: C0845-22
Analysis: Method 8080

Analysis Date: 8/27/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	73
Aroclor-1232	ND	36
Aroclor-1242	4,100 D	36
Aroclor-1248	ND	36
Aroclor-1254	1,700	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	82%
Decachlorobiphenyl	98%

ND=Not Detected

QC Batch: P0823-B1

0038

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP6
Lab ID: C0845-23
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	73
Aroclor-1232	ND	36
Aroclor-1242	8,800 D	36
Aroclor-1248	ND	36
Aroclor-1254	5,300 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	50%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0823-B1

* Surrogate could not be accurately determined

0039

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ5
Lab ID: C0845-24
Analysis: Method 8080

Analysis Date: 9/01/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	190
Aroclor-1221	ND	370
Aroclor-1232	ND	190
Aroclor-1242	6,100	190
Aroclor-1248	ND	190
Aroclor-1254	3,300	190
Aroclor-1260	ND	190

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	62%

ND=Not Detected

QC Batch: P0823-B1

0040

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ6
Lab ID: C0845-25
Analysis: Method 8080

Analysis Date: 9/05/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	9,700 D	37
Aroclor-1248	ND	37
Aroclor-1254	3,400 D	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	82%

ND=Not Detected

QC Batch: P0823-B1

0041

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR4
Lab ID: C0845-26
Analysis: Method 8080

Analysis Date: 9/04/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 25

Analyte	Results	Reporting Limits
Aroclor-1016	ND	940
Aroclor-1221	ND	1,900
Aroclor-1232	ND	940
Aroclor-1242	32,000	940
Aroclor-1248	ND	940
Aroclor-1254	13,000	940
Aroclor-1260	ND	940

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	DL
Decachlorobiphenyl	DL

ND=Not Detected

QC Batch: P0823-B1

0042

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR5
Lab ID: C0845-27
Analysis: Method 8080

Analysis Date: 8/28/96
Matrix: Soil, 87% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	38
Aroclor-1221	ND	76
Aroclor-1232	ND	38
Aroclor-1242	690	38
Aroclor-1248	ND	38
Aroclor-1254	370	38
Aroclor-1260	ND	38

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	72%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0823-B1

* Surrogate could not be accurately determined

0043

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR6
Lab ID: C0845-28
Analysis: Method 8080

Analysis Date: 9/01/96
Matrix: Soil, 82% solids
Concentration in: ug/kg, dry weight basis
Dilution: 5

Analyte	Results	Reporting Limits
Aroclor-1016	ND	200
Aroclor-1221	ND	410
Aroclor-1232	ND	200
Aroclor-1242	6,700	200
Aroclor-1248	ND	200
Aroclor-1254	3,300	200
Aroclor-1260	ND	200

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	88%
Decachlorobiphenyl	112%

ND=Not Detected

QC Batch: P0823-B1

0044

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS5
Lab ID: C0845-29
Analysis: Method 8080

Analysis Date: 8/28/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	3,800 D	36
Aroclor-1248	ND	36
Aroclor-1254	1,700	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	82%
Decachlorobiphenyl	70%

ND=Not Detected

QC Batch: P0823-B1

0045

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT4
Lab ID: C0845-30
Analysis: Method 8080

Analysis Date: 9/01/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	4,400 D	36
Aroclor-1248	ND	36
Aroclor-1254	2,400 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	82%
Decachlorobiphenyl	68%

ND=Not Detected

QC Batch: P0823-B1

0046

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT5
Lab ID: C0845-31
Analysis: Method 8080

Analysis Date: 9/01/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	6,300 D	37
Aroclor-1248	ND	37
Aroclor-1254	4,300 D	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	62%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0823-B1

0047

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT6
Lab ID: C0845-32
Analysis: Method 8080

Analysis Date: 9/04/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	14,000 D	36
Aroclor-1248	ND	36
Aroclor-1254	5,400 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	40%
Decachlorobiphenyl	70%

ND=Not Detected

QC Batch: P0823-B1

0048

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PU4
Lab ID: C0845-33
Analysis: Method 8080

Analysis Date: 9/01/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	23,000 D	36
Aroclor-1248	ND	36
Aroclor-1254	15,000 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	88%

ND=Not Detected

QC Batch: P0823-B1

0019

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PU5
Lab ID: C0845-34
Analysis: Method 8080

Analysis Date: 9/01/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	5,800 D	36
Aroclor-1248	ND	36
Aroclor-1254	2,900 D	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	80%
Decachlorobiphenyl	108%

ND=Not Detected

QC Batch: P0823-B1

0050

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PU6
Lab ID: C0845-35
Analysis: Method 8080

Analysis Date: 9/04/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	70
Aroclor-1232	ND	35
Aroclor-1242	9,700 D	35
Aroclor-1248	ND	35
Aroclor-1254	3,400 D	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	52%
Decachlorobiphenyl	45%

ND=Not Detected

QC Batch: P0823-B1

0051

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PV5
Lab ID: C0845-36
Analysis: Method 8080

Analysis Date: 8/28/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	73
Aroclor-1232	ND	36
Aroclor-1242	3,100 D	36
Aroclor-1248	ND	36
Aroclor-1254	1,100	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	62%

ND=Not Detected

QC Batch: P0823-B1

00052

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PW4
Lab ID: C0845-37
Analysis: Method 8080

Analysis Date: 8/28/96
Matrix: Soil, 96% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	34
Aroclor-1221	ND	69
Aroclor-1232	ND	34
Aroclor-1242	160	34
Aroclor-1248	ND	34
Aroclor-1254	87	34
Aroclor-1260	ND	34

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0823-B1

* Surrogate could not be accurately determined

0053

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PW5
Lab ID: C0845-38
Analysis: Method 8080

Analysis Date: 8/28/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	71
Aroclor-1232	ND	36
Aroclor-1242	120	36
Aroclor-1248	ND	36
Aroclor-1254	100	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	92%
Decachlorobiphenyl	65%

ND=Not Detected

QC Batch: P0823-B1

0054

C0845-38

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PW6
Lab ID: C0845-39
Analysis: Method 8080

Analysis Date: 8/28/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	35
Aroclor-1221	ND	71
Aroclor-1232	ND	35
Aroclor-1242	400	35
Aroclor-1248	ND	35
Aroclor-1254	290	35
Aroclor-1260	ND	35

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	72%
Decachlorobiphenyl	55%

ND=Not Detected

QC Batch: P0823-B1

0055

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PX6
Lab ID: C0845-40
Analysis: Method 8080

Analysis Date: 8/28/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	73
Aroclor-1232	ND	36
Aroclor-1242	3,300 D	36
Aroclor-1248	ND	36
Aroclor-1254	370	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	62%

ND=Not Detected

QC Batch: P0823-B1

0056

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0823-B1
Analysis: Method 8080

Analysis Date: 8/26/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	88%
Decachlorobiphenyl	78%

ND=Not Detected

QC Batch: P0823-B1

0057

C0845-MB2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0823-LCS2
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 8/26/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	78
2,2',3,3',4,4'-Hexachlorobiphenyl	75

QC Batch: P0823-B1

0058

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: PO6
Lab ID for Matrix Spike: C0845-21MS
Lab ID for Matrix Spike Duplicate: C0845-21MSD
Analysis: Method 8080

Matrix: Soil
Analysis Date for Matrix Spike: 8/27/96
Analysis Date for Matrix Spike Duplicate: 8/27/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	18	8	77
2,2',3,3',4,4'-Hexachlorobiphenyl	69	62	10

QC Batch: P0823-B1

0059

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM7
Lab ID: C0845-41
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 84% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	390
Aroclor-1221	ND	790
Aroclor-1232	ND	390
Aroclor-1242	73,000 D	390
Aroclor-1248	ND	390
Aroclor-1254	28,000 D	390
Aroclor-1260	ND	390

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	175%

ND=Not Detected

QC Batch: P0827-B1

0060

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM9
Lab ID: C0845-42
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	730
Aroclor-1232	ND	360
Aroclor-1242	ND	360
Aroclor-1248	ND	360
Aroclor-1254	40,000 D	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0827-B1

0061

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PN7
Lab ID: C0845-43
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 82% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	400
Aroclor-1221	ND	800
Aroclor-1232	ND	400
Aroclor-1242	84,000 D	400
Aroclor-1248	ND	400
Aroclor-1254	34,000 D	400
Aroclor-1260	ND	400

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	325%

ND=Not Detected

QC Batch: P0827-B1

0062

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PN8
Lab ID: C0845-44
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	730
Aroclor-1232	ND	370
Aroclor-1242	20,000 D	370
Aroclor-1248	ND	370
Aroclor-1254	9,400	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0827-B1

0063

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PN9
Lab ID: C0845-45
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	750
Aroclor-1232	ND	380
Aroclor-1242	9,000	380
Aroclor-1248	ND	380
Aroclor-1254	5,000	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0827-B1

0004

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PO7
Lab ID: C0845-46
Analysis: Method 8080

Analysis Date: 9/3/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	720
Aroclor-1232	ND	360
Aroclor-1242	52,000 D	360
Aroclor-1248	ND	360
Aroclor-1254	21,000 D	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	150%

ND=Not Detected

QC Batch: P0827-B1

0063

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0827-B1
Analysis: Method 8080

Analysis Date: 8/29/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	78%
Decachlorobiphenyl	62%

ND=Not Detected

QC Batch: P0827-B1

0066

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0827-LCS4
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 8/27/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	75
2,2',3,3',4,4'-Hexachlorobiphenyl	73

QC Batch: P0827-B1

0067

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: PO7
Lab ID for Matrix Spike: C0845-46MS
Lab ID for Matrix Spike Duplicate: C0845-46MSD
Analysis: Method 8080

Matrix: Soil
Analysis Date for Matrix Spike: 9/3/96
Analysis Date for Matrix Spike Duplicate: 9/3/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	DL	DL	
2,2',3,3',4,4'-Hexachlorobiphenyl	DL	DL	

QC Batch: P0827-B1

DL = Diluted out

0068

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PO9
Lab ID: C0845-47
Analysis: Method 8080

Analysis Date: 9/1/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	740
Aroclor-1232	ND	370
Aroclor-1242	22,000 D	370
Aroclor-1248	ND	370
Aroclor-1254	12,000	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0069

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP8
Lab ID: C0845-48
Analysis: Method 8080

Analysis Date: 9/1/96
Matrix: Soil, 84% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	400
Aroclor-1221	ND	800
Aroclor-1232	ND	400
Aroclor-1242	3,000	400
Aroclor-1248	ND	400
Aroclor-1254	470	400
Aroclor-1260	ND	400

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	50%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0828-B1

0070

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP9
Lab ID: C0845-49
Analysis: Method 8080

Analysis Date: 9/1/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	760
Aroclor-1232	ND	380
Aroclor-1242	14,000	380
Aroclor-1248	ND	380
Aroclor-1254	8,200	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0828-B1

0071

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ8
Lab ID: C0845-50
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	760
Aroclor-1232	ND	380
Aroclor-1242	6,400	380
Aroclor-1248	ND	380
Aroclor-1254	2,100	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	92%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0828-B1

* Surrogate could not be accurately determined.

0072

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ9
Lab ID: C0845-51
Analysis: Method 8080

Analysis Date: 9/1/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	720
Aroclor-1232	ND	380
Aroclor-1242	4,200	380
Aroclor-1248	ND	380
Aroclor-1254	2,000	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0073

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR7
Lab ID: C0845-52
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	72
Aroclor-1232	ND	36
Aroclor-1242	360	36
Aroclor-1248	ND	36
Aroclor-1254	170	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0828-B1

0074

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR8
Lab ID: C0845-53
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	37
Aroclor-1221	ND	74
Aroclor-1232	ND	37
Aroclor-1242	83	37
Aroclor-1248	ND	37
Aroclor-1254	44	37
Aroclor-1260	ND	37

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	110%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0075

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR9
Lab ID: C0845-54
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	390
Aroclor-1221	ND	780
Aroclor-1232	ND	390
Aroclor-1242	6,500	390
Aroclor-1248	ND	390
Aroclor-1254	3,400	390
Aroclor-1260	ND	390

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0076

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS7
Lab ID: C0845-55
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	750
Aroclor-1232	ND	380
Aroclor-1242	7,800	380
Aroclor-1248	ND	380
Aroclor-1254	4,300	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0077

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS8
Lab ID: C0845-56
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	770
Aroclor-1232	ND	380
Aroclor-1242	6,100	380
Aroclor-1248	ND	380
Aroclor-1254	3,200	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0078

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PS9
Lab ID: C0845-57
Analysis: Method 8080

Analysis Date: 9/3/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	760
Aroclor-1232	ND	380
Aroclor-1242	5,400	380
Aroclor-1248	ND	380
Aroclor-1254	2,100	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0079

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT7
Lab ID: C0845-58
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	390
Aroclor-1221	ND	780
Aroclor-1232	ND	390
Aroclor-1242	1,500	390
Aroclor-1248	ND	390
Aroclor-1254	730	390
Aroclor-1260	ND	390

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0828-B1

* Surrogate could not be accurately determined.

0080

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PT8
Lab ID: C0845-59
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	710
Aroclor-1232	ND	360
Aroclor-1242	12,000	360
Aroclor-1248	ND	360
Aroclor-1254	5,000	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B1

0081

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PU7
Lab ID: C0845-60
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 94% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	350
Aroclor-1221	ND	690
Aroclor-1232	ND	350
Aroclor-1242	10,000	350
Aroclor-1248	ND	350
Aroclor-1254	2,500	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0828-B1

0082

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DP6
Lab ID: C0845-74
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	740
Aroclor-1232	ND	370
Aroclor-1242	13,000	370
Aroclor-1248	ND	370
Aroclor-1254	7,900	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	225%

ND=Not Detected

QC Batch: P0828-B1

0083

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DT6
Lab ID: C0845-75
Analysis: Method 8080

Analysis Date: /96
Matrix: Soil, % solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	740
Aroclor-1232	ND	370
Aroclor-1242	29,000 D	370
Aroclor-1248	ND	370
Aroclor-1254	11,000	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0828-B1

* Surrogate could not be accurately determined.

0084

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DW4
Lab ID: C0845-76
Analysis: Method 8080

Analysis Date: 9/4/96
Matrix: Soil, 96% solids
Concentration in: ug/kg, dry weight basis
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	34
Aroclor-1221	ND	69
Aroclor-1232	ND	34
Aroclor-1242	190	34
Aroclor-1248	ND	34
Aroclor-1254	100	34
Aroclor-1260	ND	34

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	108%
Decachlorobiphenyl	70%

ND=Not Detected

QC Batch: P0828-B1

0085

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DP9
Lab ID: C0845-77
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	760
Aroclor-1232	ND	380
Aroclor-1242	17,000	380
Aroclor-1248	ND	380
Aroclor-1254	8,600	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0828-B1

0086

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0828-B1
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	92%
Decachlorobiphenyl	70%

ND=Not Detected

QC Batch: P0828-B1

0087

C0845-MB2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0828-LCS1
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 8/30/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	81
2,2',3,3',4,4'-Hexachlorobiphenyl	80

QC Batch: P0828-B1

0088

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: DP9
Lab ID for Matrix Spike: C0845-77MS
Lab ID for Matrix Spike Duplicate: C0845-77MSD
Analysis: Method 8080

Matrix: Soil
Analysis Date for Matrix Spike: 9/2/96
Analysis Date for Matrix Spike Duplicate: 9/2/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	*	52	
2,2',3,3',4,4'-Hexachlorobiphenyl	87	100	14

QC Batch: P0828-B1

* MS/MSD concentration was less than the unspiked sample.

0089

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM10
Lab ID: C0845-61
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	720
Aroclor-1232	ND	360
Aroclor-1242	5,200	360
Aroclor-1248	ND	360
Aroclor-1254	3,700	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	150%

ND=Not Detected

QC Batch: P0827-B2

0090

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM12
Lab ID: C0845-62
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	740
Aroclor-1232	ND	370
Aroclor-1242	4,500	370
Aroclor-1248	ND	370
Aroclor-1254	2,400	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0827-B2

0091

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PN10
Lab ID: C0845-63
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 86% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	390
Aroclor-1221	ND	770
Aroclor-1232	ND	390
Aroclor-1242	35,000 D	390
Aroclor-1248	ND	390
Aroclor-1254	20,000 D	390
Aroclor-1260	ND	390

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	175%

ND=Not Detected

QC Batch: P0827-B2

0092

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PN11
Lab ID: C0845-64
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	750
Aroclor-1232	ND	370
Aroclor-1242	59,000 D	370
Aroclor-1248	ND	370
Aroclor-1254	28,000 D	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0827-B2

* Could not be accurately determined due to coeluting interferences.

0093

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PN12
Lab ID: C0845-65
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	740
Aroclor-1232	ND	370
Aroclor-1242	6,400	370
Aroclor-1248	ND	370
Aroclor-1254	4,900	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	250%

ND=Not Detected

QC Batch: P0827-B2

0094

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PO10
Lab ID: C0845-66
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	750
Aroclor-1232	ND	380
Aroclor-1242	41,000 D	380
Aroclor-1248	ND	380
Aroclor-1254	19,000	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0827-B2

0095

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PO11
Lab ID: C0845-67
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 85% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	390
Aroclor-1221	ND	790
Aroclor-1232	ND	390
Aroclor-1242	71,000 D	390
Aroclor-1248	ND	390
Aroclor-1254	27,000 D	390
Aroclor-1260	ND	390

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0827-B2

* Could not be accurately determined.

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ10
Lab ID: C0845-68
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	350
Aroclor-1221	ND	700
Aroclor-1232	ND	350
Aroclor-1242	3,400	350
Aroclor-1248	ND	350
Aroclor-1254	1,800	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0827-B2

0097

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PQ12
Lab ID: C0845-69
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 92% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	720
Aroclor-1232	ND	360
Aroclor-1242	1,500	360
Aroclor-1248	ND	360
Aroclor-1254	820	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0827-B2

0098

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR10
Lab ID: C0845-70
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	730
Aroclor-1232	ND	360
Aroclor-1242	4,500	360
Aroclor-1248	ND	360
Aroclor-1254	2,200	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0827-B2

(1099)

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR11
Lab ID: C0845-71
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 94% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	350
Aroclor-1221	ND	700
Aroclor-1232	ND	350
Aroclor-1242	9,800	350
Aroclor-1248	ND	350
Aroclor-1254	3,500	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0827-B2

0100

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PR12
Lab ID: C0845-72
Analysis: Method 8080

Analysis Date: 8/30/96
Matrix: Soil, 95% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	350
Aroclor-1221	ND	700
Aroclor-1232	ND	350
Aroclor-1242	1,200	350
Aroclor-1248	ND	350
Aroclor-1254	540	350
Aroclor-1260	ND	350

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0827-B2

0101

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DR2
Lab ID: C0845-73
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 89% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	750
Aroclor-1232	ND	370
Aroclor-1242	54,000 D	370
Aroclor-1248	ND	370
Aroclor-1254	21,000 D	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	100%

ND=Not Detected

QC Batch: P0827-B2

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0827-B2
Analysis: Method 8080

Analysis Date: 8/29/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0827-B2

0103

C0845-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0827-L2
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 8/30/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	79
2,2',3,3',4,4'-Hexachlorobiphenyl	78

QC Batch: P0827-B2

0104

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: PM10
Lab ID for Matrix Spike: C0845-61MS
Lab ID for Matrix Spike Duplicate: C0845-61MSD
Analysis: Method 8080

Matrix: Soil
Analysis Date for Matrix Spike: 8/30/96
Analysis Date for Matrix Spike Duplicate: 8/30/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	58	195	108
2,2',3,3',4,4'-Hexachlorobiphenyl	65	97	40

QC Batch: P0827-B2

0105

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DT7
Lab ID: C0845-78
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 87% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	760
Aroclor-1232	ND	380
Aroclor-1242	2,000	380
Aroclor-1248	ND	380
Aroclor-1254	1,100	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	125%

ND=Not Detected

QC Batch: P0828-B3

0196

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DQ10
Lab ID: C0845-79
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 93% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	36
Aroclor-1221	ND	71
Aroclor-1232	ND	36
Aroclor-1242	5,500	36
Aroclor-1248	ND	36
Aroclor-1254	2,000	36
Aroclor-1260	ND	36

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B3

0107

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP11
Lab ID: C0845-96
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	740
Aroclor-1232	ND	370
Aroclor-1242	14,000	370
Aroclor-1248	ND	370
Aroclor-1254	5,000	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B3

0108

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PP12
Lab ID: C0845-97
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 88% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	750
Aroclor-1232	ND	380
Aroclor-1242	3,100	380
Aroclor-1248	ND	380
Aroclor-1254	1,000	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B3

0109

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: P Stand 1
Lab ID: C0845-98
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 99% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	340
Aroclor-1221	ND	670
Aroclor-1232	ND	340
Aroclor-1242	34,000 D	340
Aroclor-1248	ND	340
Aroclor-1254	ND	340
Aroclor-1260	ND	340

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B3

0110

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: P Stand 2
Lab ID: C0845-99
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 99% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	340
Aroclor-1221	ND	670
Aroclor-1232	ND	340
Aroclor-1242	ND	340
Aroclor-1248	ND	340
Aroclor-1254	26,000 D	340
Aroclor-1260	ND	340

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B3

0111

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PU9
Lab ID: C0845-100
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 90% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	370
Aroclor-1221	ND	730
Aroclor-1232	ND	370
Aroclor-1242	4,800	370
Aroclor-1248	ND	370
Aroclor-1254	1,500	370
Aroclor-1260	ND	370

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0828-B3

0112

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM5
Lab ID: C0845-101
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 87% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	380
Aroclor-1221	ND	760
Aroclor-1232	ND	380
Aroclor-1242	53,000 D	380
Aroclor-1248	ND	380
Aroclor-1254	22,000 D	380
Aroclor-1260	ND	380

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	*

ND=Not Detected

QC Batch: P0828-B3

* Surrogate could not be accurately determined.

0113

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: PM6
Lab ID: C0845-102
Analysis: Method 8080

Analysis Date: 9/2/96
Matrix: Soil, 91% solids
Concentration in: ug/kg, dry weight basis
Dilution: 10

Analyte	Results	Reporting Limits
Aroclor-1016	ND	360
Aroclor-1221	ND	720
Aroclor-1232	ND	360
Aroclor-1242	20,000 D	360
Aroclor-1248	ND	360
Aroclor-1254	8,400	360
Aroclor-1260	ND	360

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	25%

ND=Not Detected

QC Batch: P0828-B3

0114

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0828-B3
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Soil
Concentration in: ug/kg
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	33
Aroclor-1221	ND	66
Aroclor-1232	ND	33
Aroclor-1242	ND	33
Aroclor-1248	ND	33
Aroclor-1254	ND	33
Aroclor-1260	ND	33

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	62%

ND=Not Detected

QC Batch: P0828-B3

0115

C0845-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0828-LCS3
Analysis: Method 8080

Matrix: Soil
Analysis Date for Blank Spike: 8/31/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	72
2,2',3,3',4,4'-Hexachlorobiphenyl	70

QC Batch: P0828-B3

0116

MITKEM CORPORATION

Analysis Report: Chlorinated Pesticides

Matrix Spike Summary

Client: VHB, Inc.
Client ID: PP11
Lab ID for Matrix Spike: C0845-96MS
Lab ID for Matrix Spike Duplicate: C0845-96MSD
Analysis: Method 8080

Matrix: Soil
Analysis Date for Matrix Spike: 9/2/96
Analysis Date for Matrix Spike Duplicate: 9/2/96

	% Recovery		
Analyte	Matrix Spike	Matrix Spike Dup.	% RPD
2,4,4'-Trichlorobiphenyl	182	*	**
2,2',3,3',4,4'-Hexachlorobiphenyl	181	*	**

QC Batch: P0828-B3

* Concentration of MSD less than the unspiked sample

** Could not be determined

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DEQAQCM1
Lab ID: C0845-80
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	40%

ND = Not Detected

QC Batch: P0822-B2

0118

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DEQAQCQ2
Lab ID: C0845-81
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	50%

ND = Not Detected

QC Batch: P0822-B2

0119

C0845-81

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DEQAQCT2
Lab ID: C0845-82
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	25%

ND = Not Detected

QC Batch: P0822-B2

0120

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DEQAQCO4
Lab ID: C0845-83
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	35%

ND = Not Detected

QC Batch: P0822-B2

0121

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DEQAQCN7
Lab ID: C0845-84
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	70%
Decachlorobiphenyl	35%

ND = Not Detected

QC Batch: P0822-B2

0122

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DEQAQCM9
Lab ID: C0845-85
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	75%
Decachlorobiphenyl	35%

ND = Not Detected

QC Batch: P0822-B2

0123

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: DEQAQCO10
Lab ID: C0845-86
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	65%
Decachlorobiphenyl	45%

ND = Not Detected

QC Batch: P0822-B2

0124

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0822-B2
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	75%

ND = Not Detected

QC Batch: P0822-B2

0125

C0845-MB

MITKEM CORPORATION

Analysis Report: Organochlorine Pesticides

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0822-LCS3
Analysis: Method 8080

Matrix: Aqueous
Analysis Date for Blank Spike: 8/31/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	80
2,2',3,3',4,4'-Hexachlorobiphenyl	80

QC Batch: P0822-B2

0126

C0845-LCSW
8080_LCS

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACW01
Lab ID: C0845-87
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	100%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0826-B1

0127

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACW03
Lab ID: C0845-88
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	108%
Decachlorobiphenyl	82%

ND=Not Detected

QC Batch: P0826-B1

0128

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACW04
Lab ID: C0845-89
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	105%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0826-B1

0129

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACW05
Lab ID: C0845-90
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	85%
Decachlorobiphenyl	62%

ND=Not Detected

QC Batch: P0826-B1

0130

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACW07
Lab ID: C0845-91
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	88%
Decachlorobiphenyl	68%

ND=Not Detected

QC Batch: P0826-B1

0131

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACW08
Lab ID: C0845-92
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	88%
Decachlorobiphenyl	65%

ND=Not Detected

QC Batch: P0826-B1

0132

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACW09
Lab ID: C0845-93
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	105%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0826-B1

0133

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACWD01
Lab ID: C0845-94
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	102%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0826-B1

0134

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID: DLACWSB
Lab ID: C0845-95
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	95%
Decachlorobiphenyl	72%

ND=Not Detected

QC Batch: P0826-B1

0135

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCB)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0826-B1
Analysis: Method 8080

Analysis Date: 8/31/96
Matrix: Wipe
Concentration in: ug/Wipe
Dilution: 1

Analyte	Results	Reporting Limits
Aroclor-1016	ND	1
Aroclor-1221	ND	2
Aroclor-1232	ND	1
Aroclor-1242	ND	1
Aroclor-1248	ND	1
Aroclor-1254	ND	1
Aroclor-1260	ND	1

Surrogate Recovery:	
2,4,5,6-Tetrachloro-m-xylene	98%
Decachlorobiphenyl	75%

ND=Not Detected

QC Batch: P0826-B1

0136

C0845-MB

MITKEM CORPORATION

Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0826-L1
Analysis: Method 8080

Matrix: Wipe
Analysis Date for Blank Spike: 8/30/96

Analyte	% Recovery
2,4,4'-Trichlorobiphenyl	79
2,2',3,3',4,4'-Hexachlorobiphenyl	78

QC Batch: P0826-B1

0137

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

0138

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

Date:	8-22-96	Analysis:	PCB			Sample Matrix:	Soil	Project #:	C0845	
Blank ID:	P0822B1	Method:	Sonic			Analyst: PB		Client:		

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
P0822B1		30.0 g	PW960819A 2mL	PW960820A 1mL				10mL Hexane	8/26/96	
-LCS-1		30.0 g					8/24/96			
PC0845-01MS	~~PBM~~ PBM1	30.2 g								
PC0845-01MSD		30.1 g								
-01		30.5 g								
-02	PQ1	30.5 g								
-03	PR1	30.5 g								
-04	PQ2	30.2 g								
-05	PQ3	30.2 g								
-06	PR1	30.2 g								
-07	PR2	30.1 g								
-08	PR3	30.2 g								
-09	PS1	30.3 g								
-10	PS3	30.1 g								
-11	PT1	30.4 g								
-12	PT2	30.3 g								
-13	PT3	30.3 g								
-14	PU1	30.1 g								

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

0139

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

Date: 8-22-96		Analysis: PCB				Sample Matrix: Soil			Project #: C0845	
Blank ID: P0822B1		Method: Sonic				Analyst: PB			Client:	
Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
96 PC0845-15	30.1 g	PV1	2 mL PW968AA				8/24/96	10 mL Hexane	8/26/96	
98 -16	30.1 g	PV2								
94 -17	30.2 g	PW23								
98 -18	30.4 g	PM4								
95 -19	30.1 g	PN5								
93 -20	30.3 g	PO4								

8/22/96

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01.D Vial: 10
Signal #2 : D:\HPCHEM\5\AU26A\C845-01.D\CONFIRM.D
Acq On : 26 Aug 96 11:15 PM Operator: JS
Sample : VHB/ PM1 Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 23:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

30.5 g @ 89% solid

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	6206	7552	0.026	0.040	#
				Recovery	=	65.00% ✓	100.00%	
2) S	Decachlorobiphenyl	22.30	30.72	6175	2513	0.029	0.028	
				Recovery	=	72.50% ✓	70.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	718892	483887	6.564	5.052	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	83051	59019	0.444	0.376	
5) L1	Aroclor-1016	6.85	8.88	110673	23093	3.456	1.716	#
6) L1	Aroclor-1016 {2}	8.99	10.43	224062	96813	12.774	3.467	#
7) L1	Aroclor-1016 {3}	9.38	12.34	301023	92655	11.610	5.369	#
Total	Aroclor-1016			635758	212560	27.841	10.553	
Average	Aroclor-1016					9.280	3.518	
8) L2	Aroclor-1221	5.13	8.12	2834	6323	0.404	1.034	#
9) L2	Aroclor-1221 {2}	5.55	8.66	5946	17169	1.019	3.520	#
10) L2	Aroclor-1221 {3}	5.73	8.88	67860	23093	3.358	1.504	#
Total	Aroclor-1221			76640	46586	4.782	6.058	
Average	Aroclor-1221					1.594	2.019	
11) L3	Aroclor-1232	5.73	8.88	67860	23093	3.720	1.611	#
12) L3	Aroclor-1232 {2}	6.85	10.43	110673	96813	8.109	8.058	
13) L3	Aroclor-1232 {3}	8.66	12.34	84536	92655	10.213	13.362	#
Total	Aroclor-1232			263069	212560	22.042	23.032	
Average	Aroclor-1232					7.347	7.677	
14) L4	Aroclor-1242	8.27	11.78	718892	483887	17.362	16.236	
15) L4	Aroclor-1242 {2}	9.38	12.34	301023	92655	15.473	7.011	#
16) L4	Aroclor-1242 {3}	10.13	14.13	294667	235439	17.441	17.696	
Total	Aroclor-1242			1314582	811981	50.275	40.943	
Average	Aroclor-1242					16.758	13.648	
17) L5	Aroclor-1248	9.38	15.08	301023	207494	9.458	9.211	
18) L5	Aroclor-1248 {2}	10.13	15.30	294667	235210	10.758	10.076	
19) L5	Aroclor-1248 {3}	11.44	16.31	332821	184421	9.565	10.328	
Total	Aroclor-1248			928511	627125	29.781	29.615	
Average	Aroclor-1248					9.927	9.872	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0140

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01.D Vial: 10
Signal #2 : D:\HPCHEM\5\AU26A\C845-01.D\CONFIRM.D
Acq On : 26 Aug 96 11:15 PM Operator: JS
Sample : VHB/ PM1 Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 23:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	171232	158899	5.483	5.882
21) L6	Aroclor-1254 {2}	13.48	15.83	279059	169998	6.462	5.843
22) L6	Aroclor-1254 {3}	15.87	17.69	209538	261684	6.524	6.570
Total	Aroclor-1254			659829	590581	18.469	18.294
Average	Aroclor-1254					6.156	6.098
23) L7	Aroclor-1260	13.97	18.32	135075	95191	3.892	2.977
24) L7	Aroclor-1260 {2}	14.76	18.64	113602	105199	2.794	2.925
25) L7	Aroclor-1260 {3}	17.97	22.06	62423	47556	1.080	0.890
Total	Aroclor-1260			311100	247946	7.766	6.791
Average	Aroclor-1260					2.589	2.264
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.57f	0	11915	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

exceed calibration

0141

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

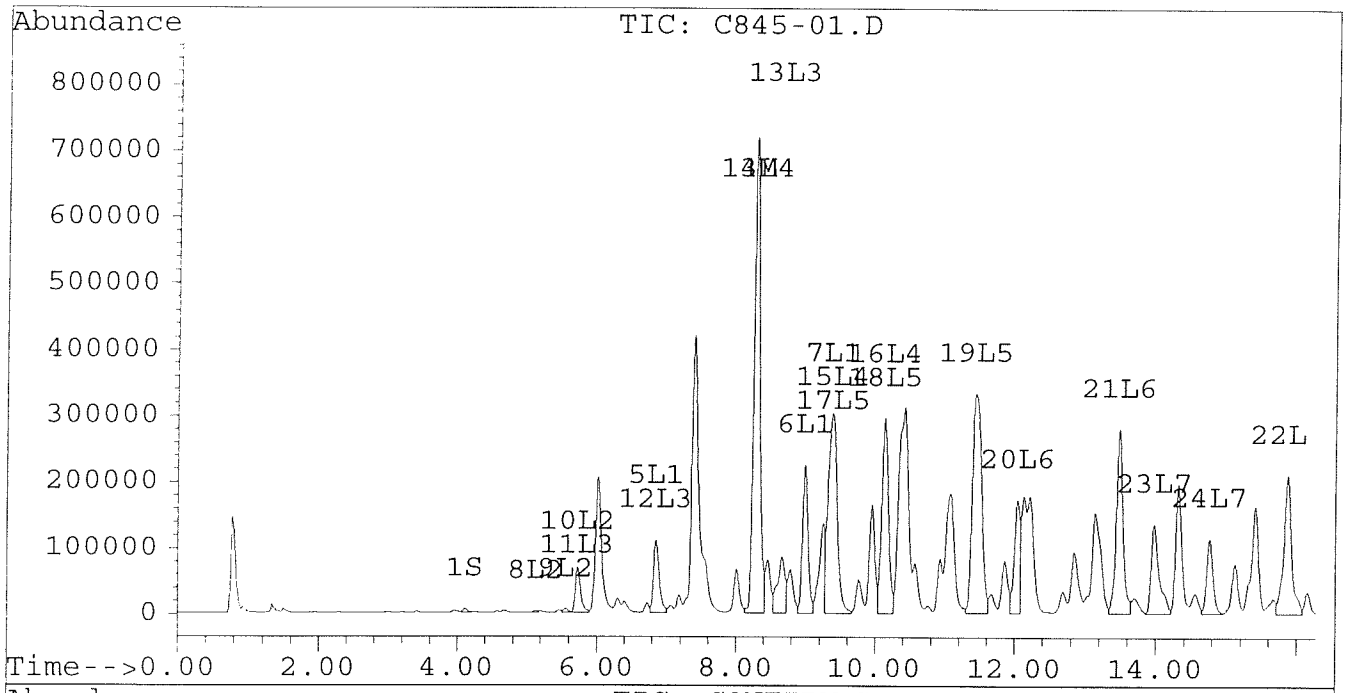
Quantitation Report

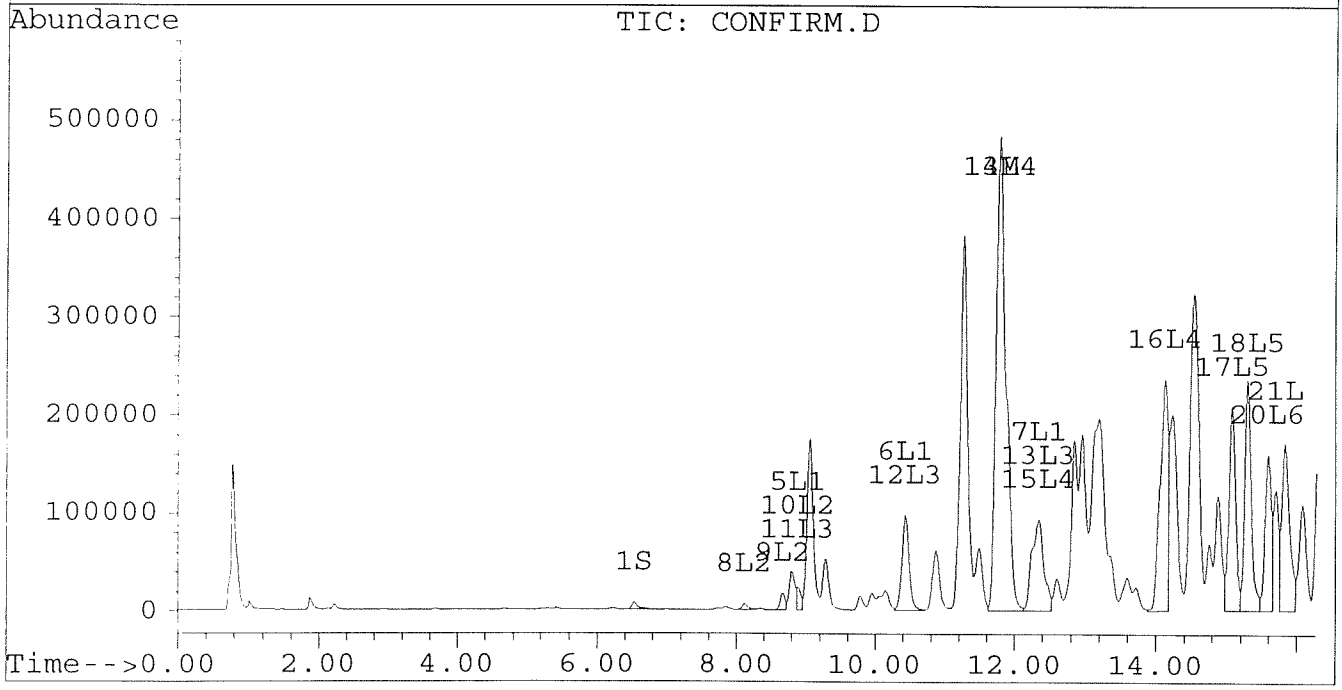
Signal #1 : D:\HPCHEM\5\AU26A\C845-01.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-01.D\CONFIRM.D
Acq On : 26 Aug 96 11:15 PM
Sample : VHB/ PM1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 26 23:49 1996

Vial: 10
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





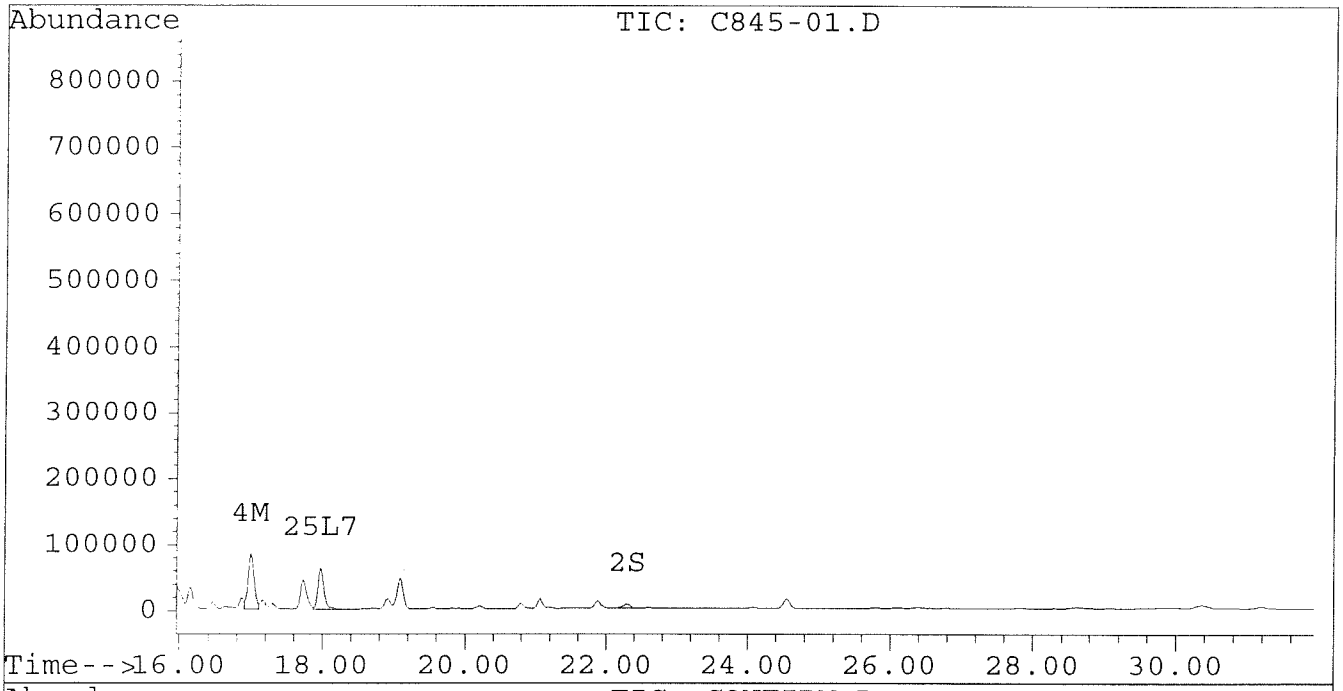
0112

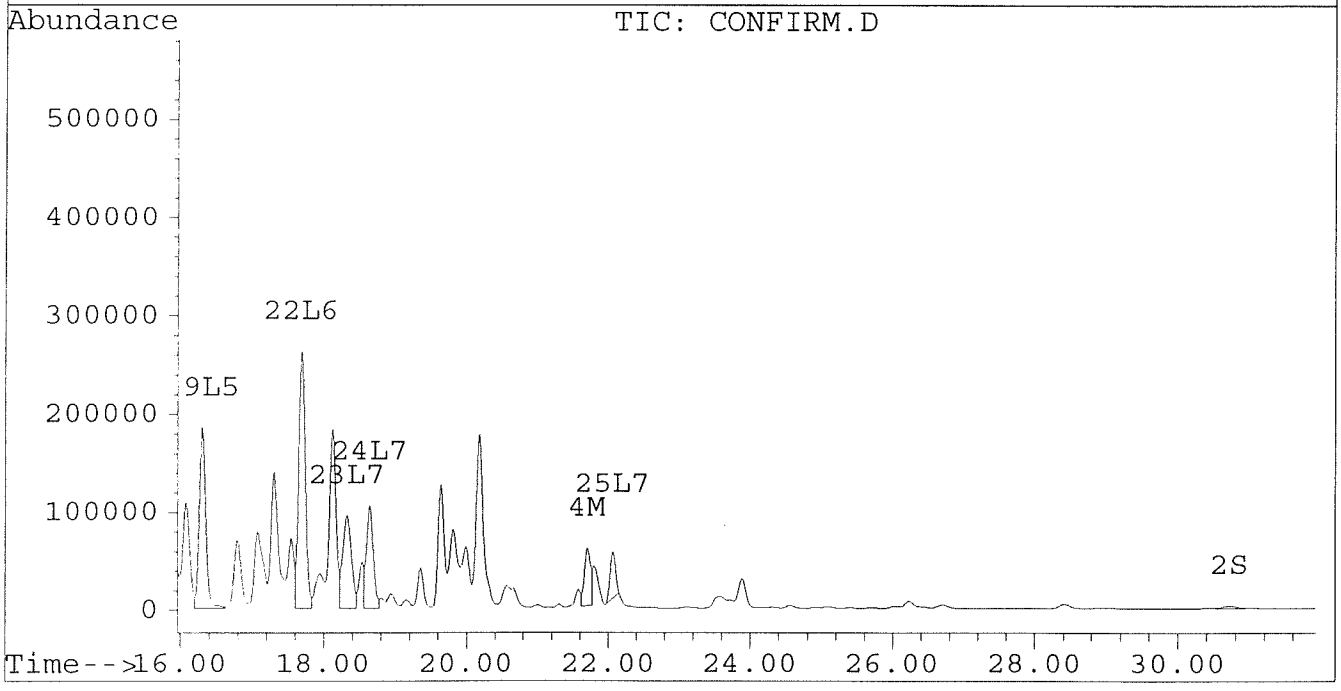
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01.D Vial: 10
Signal #2 : D:\HPCHEM\5\AU26A\C845-01.D\CONFIRM.D
Acq On : 26 Aug 96 11:15 PM Operator: JS
Sample : VHB/ PM1 Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 23:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0143

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01A.D Vial: 75
Signal #2 : D:\HPCHEM\5\AU26A\C845-01A.D\CONFIRM.D
Acq On : 28 Aug 96 02:02 PM Operator: JS
Sample : VHB/ PM1 1:15 DILUTION Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 14:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	462	618	0.002	0.003 #
				Recovery	=	5.00%	7.50%
2) S	Decachlorobiphenyl	22.30	30.72	422	246	0.002	0.003 #
				Recovery	=	5.00%	7.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	77960	52612	0.712	0.549
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	6874	4111	0.037	0.026 #
5) L1	Aroclor-1016	6.85	0.00	12706	0	0.397	N.D. #
6) L1	Aroclor-1016 {2}	8.99	10.43	23124	11311	1.318	0.405 #
7) L1	Aroclor-1016 {3}	9.38	12.35	36082	10299	1.392	0.597 #
Total	Aroclor-1016			71911	21610	3.107	1.002
Average	Aroclor-1016					1.036	0.501
8) L2	Aroclor-1221	5.13	8.12	226	473	0.032	0.077 #
9) L2	Aroclor-1221 {2}	5.56	8.67	528	1219	0.091	0.250 #
10) L2	Aroclor-1221 {3}	5.73	0.00	7072	0	0.350	N.D. #
Total	Aroclor-1221			7826	1692	0.473	0.327
Average	Aroclor-1221					0.158	0.164
11) L3	Aroclor-1232	5.73	0.00	7072	0	0.388	N.D. #
12) L3	Aroclor-1232 {2}	6.85	10.43	12706	11311	0.931	0.941
13) L3	Aroclor-1232 {3}	8.66	12.35	8912	10299	1.077	1.485 #
Total	Aroclor-1232			28689	21610	2.395	2.427
Average	Aroclor-1232					0.798	1.213
14) L4	Aroclor-1242	8.28	11.78	77960	52612	1.883	1.765
15) L4	Aroclor-1242 {2}	9.38	12.35	36082	10299	1.855	0.779 #
16) L4	Aroclor-1242 {3}	10.13	14.13	33346	26217	1.974	1.971
Total	Aroclor-1242			147388	89129	5.711	4.515
Average	Aroclor-1242					~~1.904~~ exceed calibration range	1.505
17) L5	Aroclor-1248	9.38	15.08	36082	21601	1.134	0.959
18) L5	Aroclor-1248 {2}	10.13	15.30	33346	24408	1.217	1.046
19) L5	Aroclor-1248 {3}	11.44	16.31	36913	16568	1.061	0.928
Total	Aroclor-1248			106341	62577	3.412	2.932
Average	Aroclor-1248					1.137	0.977

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0114

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01A.D Vial: 75
Signal #2 : D:\HPCHEM\5\AU26A\C845-01A.D\CONFIRM.D
Acq On : 28 Aug 96 02:02 PM Operator: JS
Sample : VHB/ PM1 1:15 DILUTION Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 14:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	19275	17498	0.617	0.648
21) L6	Aroclor-1254 {2}	13.48	15.83	29248	18736	0.677	0.644
22) L6	Aroclor-1254 {3}	15.87	17.69	20073	26184	0.625	0.657
Total	Aroclor-1254			68596	62418	1.919	1.949
Average	Aroclor-1254					0.640	0.650
23) L7	Aroclor-1260	13.98	18.32	13937	9701	0.402	0.303
24) L7	Aroclor-1260 {2}	14.76	18.64	11701	10181	0.288	0.283
25) L7	Aroclor-1260 {3}	17.97	22.06	4841	3525	0.084	0.066
Total	Aroclor-1260			30479	23407	0.773	0.652
Average	Aroclor-1260					0.258	0.217
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

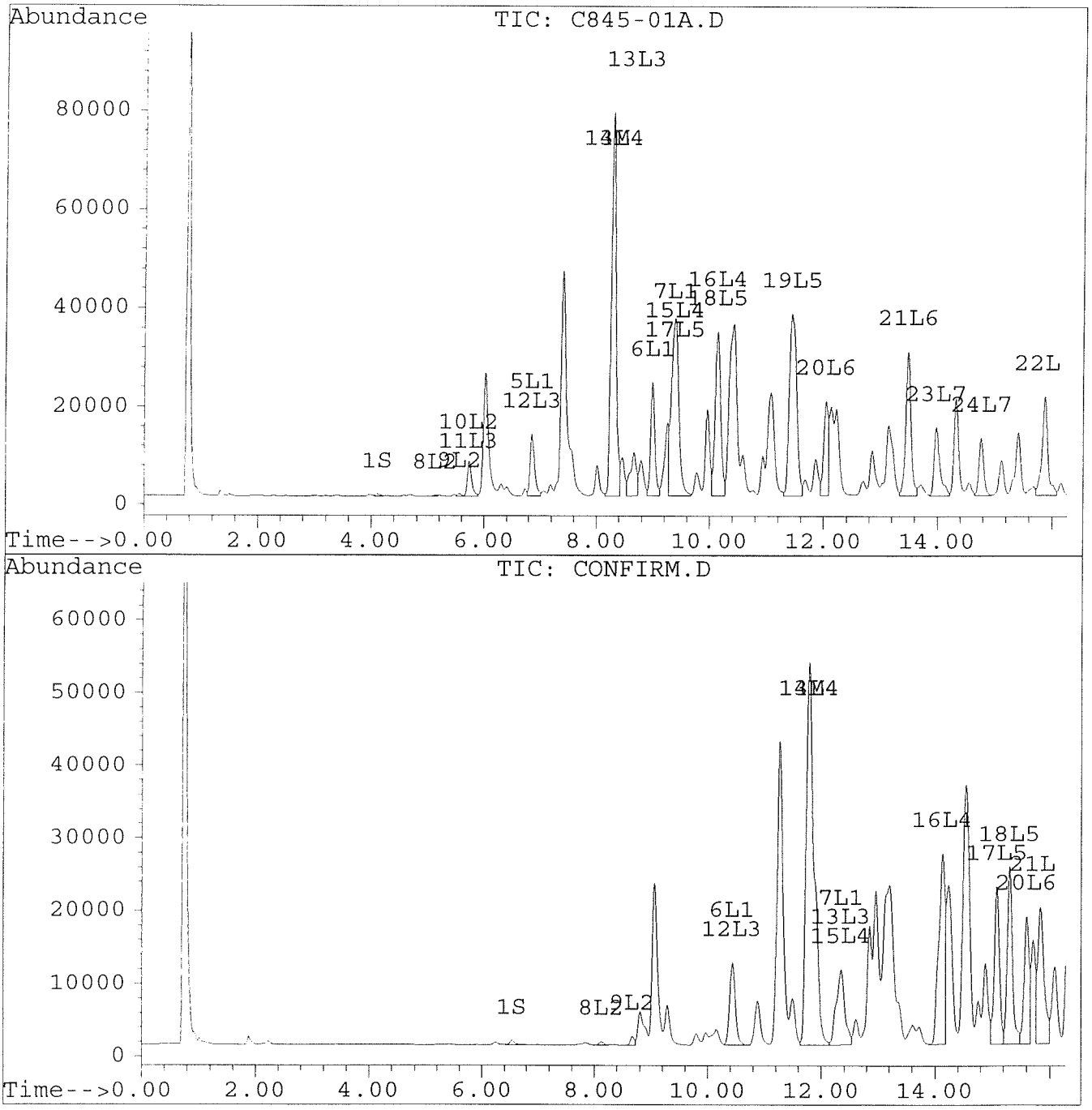
AR 1254 $\frac{1.302 \times 10\ \text{mL} \times 1.5 \times 15\ \text{DF}}{30.5 \times 0.89} = 11{,}000$ D

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01A.D Vial: 75
Signal #2 : D:\HPCHEM\5\AU26A\C845-01A.D\CONFIRM.D
Acq On : 28 Aug 96 02:02 PM Operator: JS
Sample : VHB/ PM1 1:15 DILUTION Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 14:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



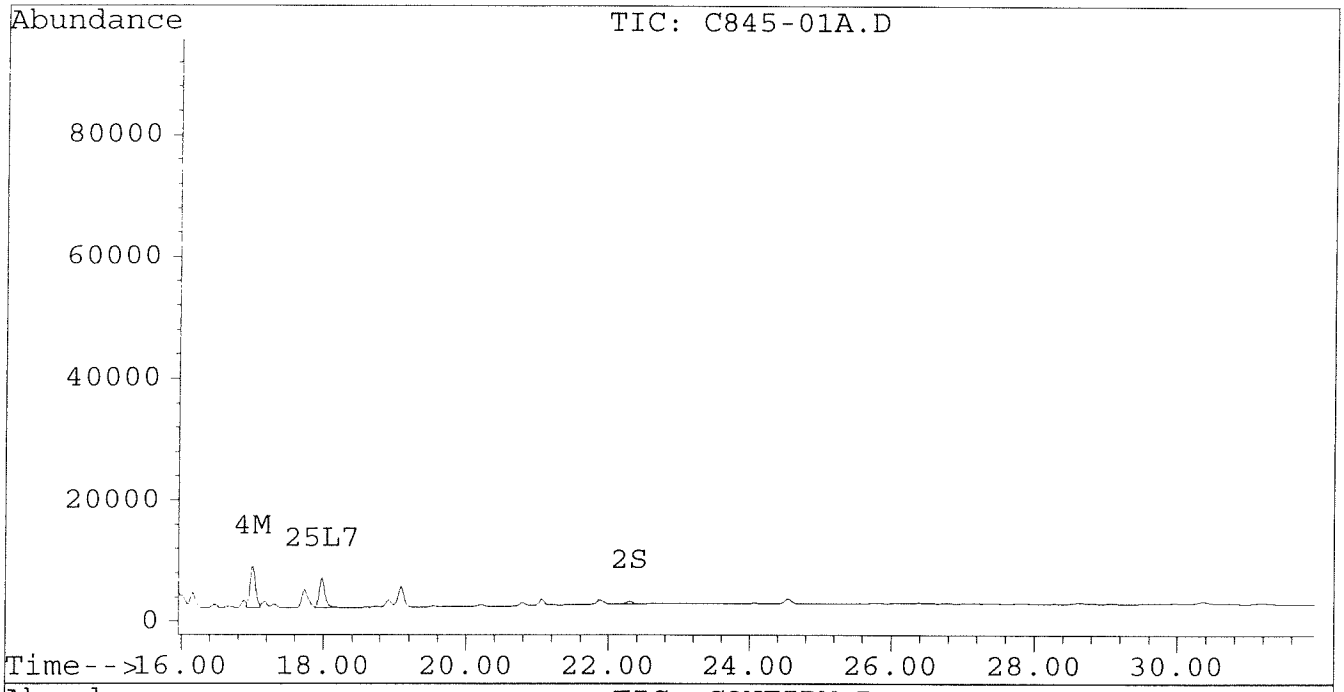
0148

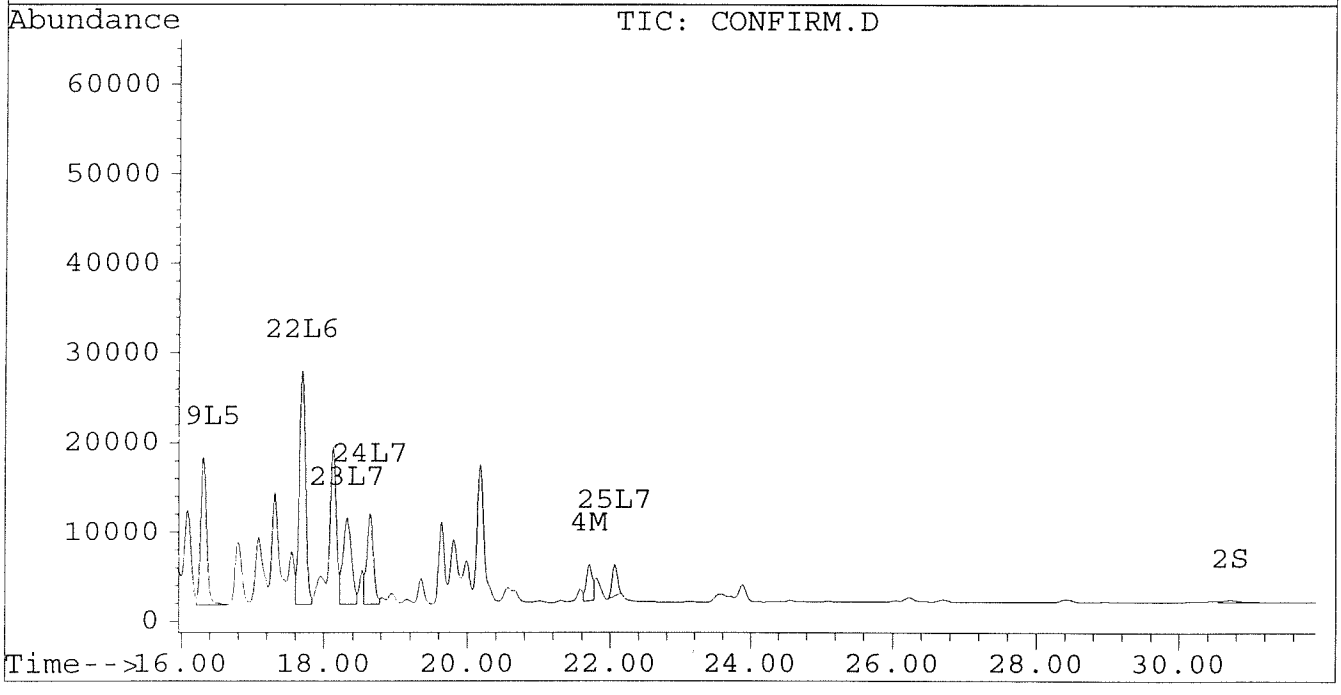
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01A.D Vial: 75
Signal #2 : D:\HPCHEM\5\AU26A\C845-01A.D\CONFIRM.D
Acq On : 28 Aug 96 02:02 PM Operator: JS
Sample : VHB/ PM1 1:15 DILUTION Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 14:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0147

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01B.D Vial: 82
Signal #2 : D:\HPCHEM\5\AU26A\C845-01B.D\CONFIRM.D
Acq On : 28 Aug 96 06:14 PM Operator: JS
Sample : VHB/ PM1 1:25 DILUTION Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 18:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.11	6.53	224	324	0.001	0.002 #
					Recovery	=	2.50%	5.00%
2)	S	Decachlorobiphenyl	22.30	30.73	404	222	0.002	0.003 #
					Recovery	=	5.00%	7.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.28	11.78	44193	30007	0.404	0.313
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	3495	2142	0.019	0.014 #
5)	L1	Aroclor-1016	6.85	0.00	7137	0	0.223	N.D. #
6)	L1	Aroclor-1016 {2}	8.99	10.43	12359	6517	0.705	0.233 #
7)	L1	Aroclor-1016 {3}	9.38	12.34	20949	5881	0.808	0.341 #
	Total	Aroclor-1016			40445	12397	1.735	0.574
Average		Aroclor-1016					0.578	0.287
8)	L2	Aroclor-1221	5.14	8.12	121	252	0.017	0.041 #
9)	L2	Aroclor-1221 {2}	5.56	8.67	276	638	0.047	0.131 #
10)	L2	Aroclor-1221 {3}	5.74	0.00	3911	0	0.194	N.D. #
	Total	Aroclor-1221			4308	889	0.258	0.172
Average		Aroclor-1221					0.086	0.086
11)	L3	Aroclor-1232	5.74	0.00	3911	0	0.214	N.D. #
12)	L3	Aroclor-1232 {2}	6.85	10.43	7137	6517	0.523	0.542
13)	L3	Aroclor-1232 {3}	8.66	12.34	4888	5881	0.591	0.848 #
	Total	Aroclor-1232			15936	12397	1.328	1.391
Average		Aroclor-1232					0.443	0.695
14)	L4	Aroclor-1242	8.28	11.78	44193	30007	1.067	1.007
15)	L4	Aroclor-1242 {2}	9.38	12.34	20949	5881	1.077	0.445 #
16)	L4	Aroclor-1242 {3}	10.13	14.13	18742	14937	1.109	1.123
	Total	Aroclor-1242			83883	50825	3.253	2.575
Average		Aroclor-1242					1.084	0.858
17)	L5	Aroclor-1248	9.38	15.08	20949	11864	0.658	0.527
18)	L5	Aroclor-1248 {2}	10.13	15.30	18742	13186	0.684	0.565
19)	L5	Aroclor-1248 {3}	11.44	16.30	20769	8583	0.597	0.481
	Total	Aroclor-1248			60459	33633	1.939	1.572
Average		Aroclor-1248					0.646	0.524

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01B.D Vial: 82
Signal #2 : D:\HPCHEM\5\AU26A\C845-01B.D\CONFIRM.D
Acq On : 28 Aug 96 06:14 PM Operator: JS
Sample : VHB/ PM1 1:25 DILUTION Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 18:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	10763	9803	0.345	0.363
21) L6	Aroclor-1254 {2}	13.48	15.83	15956	10638	0.369	0.366
22) L6	Aroclor-1254 {3}	15.88	17.69	10676	14355	0.332	0.360
Total	Aroclor-1254			37396	34796	1.047	1.089
Average	Aroclor-1254					0.349	0.363
23) L7	Aroclor-1260	13.98	18.32	7602	5396	0.219	0.169
24) L7	Aroclor-1260 {2}	14.76	18.64	6315	5632	0.155	0.157
25) L7	Aroclor-1260 {3}	17.97	22.06	2593	1835	0.045	0.034
Total	Aroclor-1260			16510	12863	0.419	0.360
Average	Aroclor-1260					0.140	0.120
26) L8	Aroclor-1268	0.00	23.33	0	1037	N.D.	0.241 #
27) L8	Aroclor-1268 {2}	0.00	23.50	0	660	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	1037	N.D.	0.241
Average	Aroclor-1268					0.000	0.241

DF

AR-1249 = $\frac{2.144 \times 10\,mL \times 1.5 \times 25}{30.5 \times 0.89} = 29.60$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0119

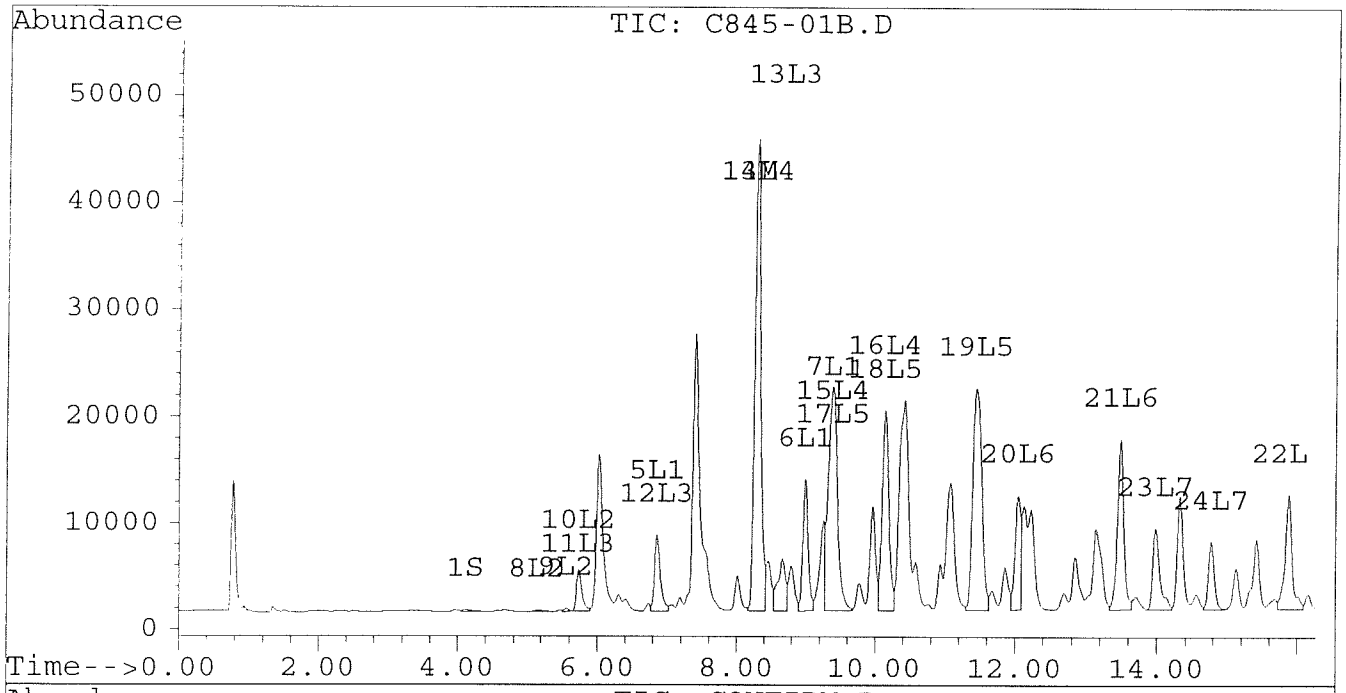
Quantitation Report

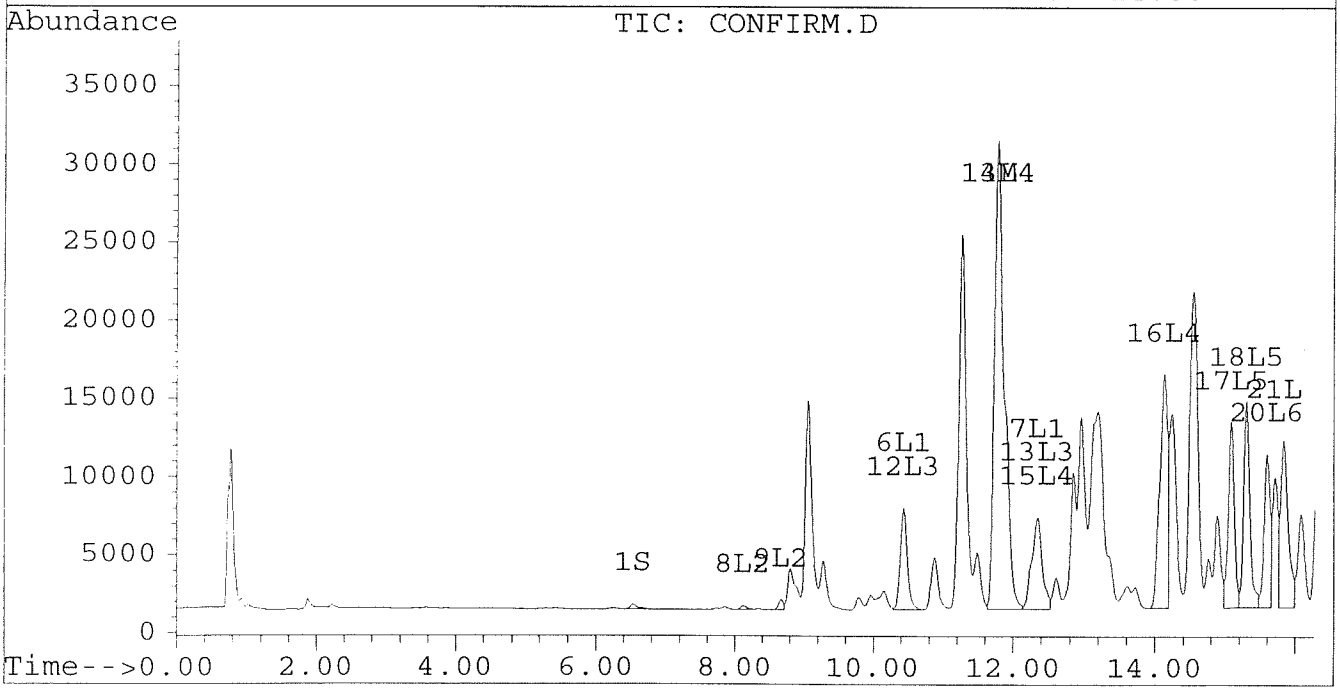
Signal #1 : D:\HPCHEM\5\AU26A\C845-01B.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-01B.D\CONFIRM.D
Acq On : 28 Aug 96 06:14 PM
Sample : VHB/ PM1 1:25 DILUTION
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 28 18:48 1996

Vial: 82
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





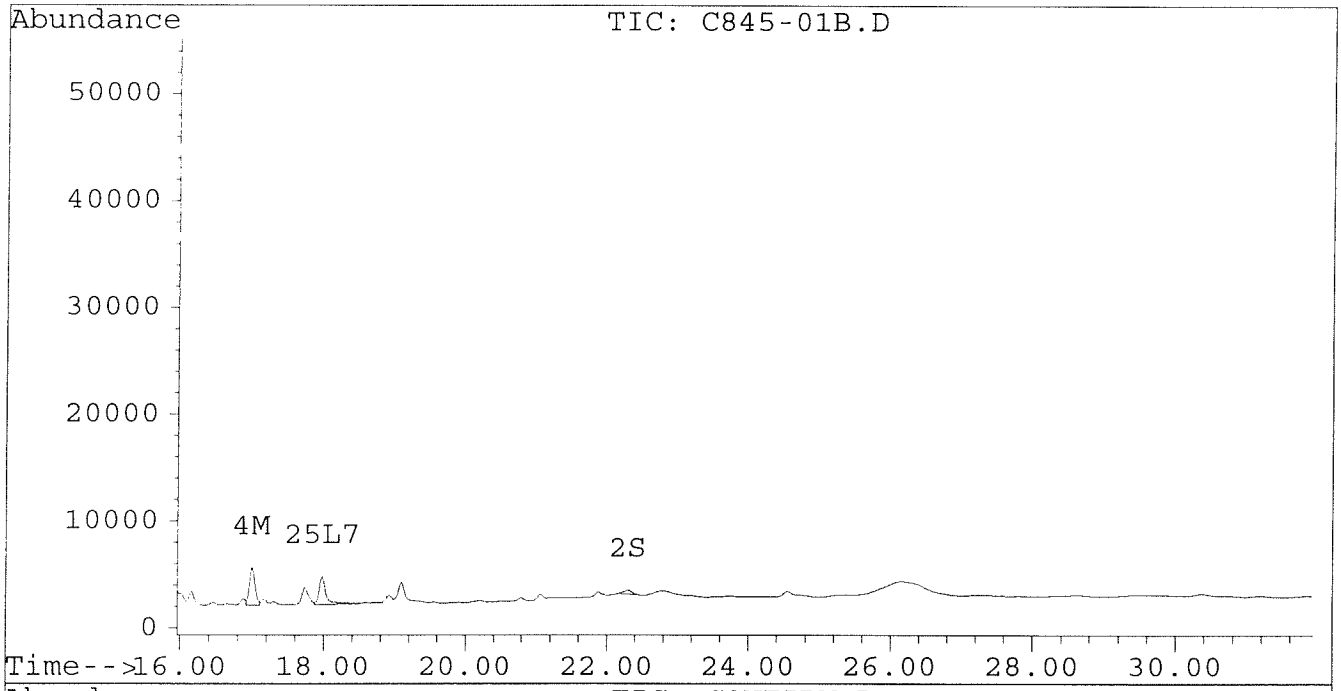
0150

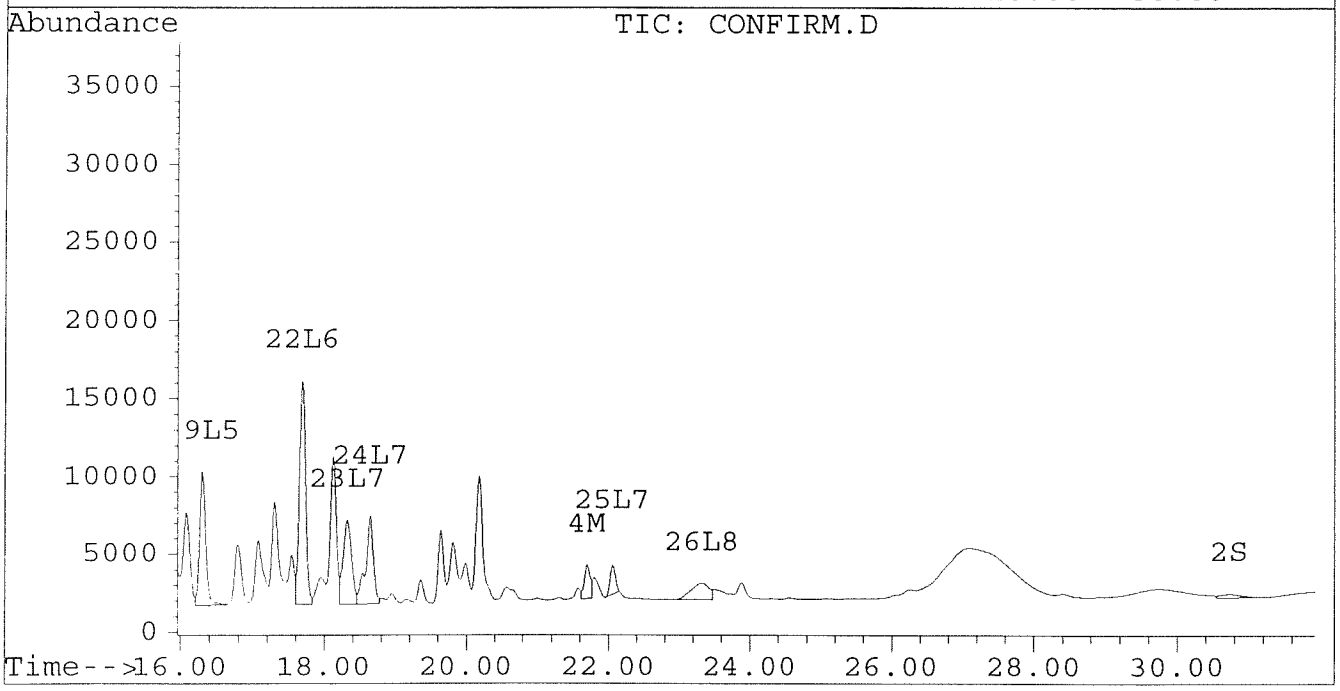
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01B.D Vial: 82
Signal #2 : D:\HPCHEM\5\AU26A\C845-01B.D\CONFIRM.D
Acq On : 28 Aug 96 06:14 PM Operator: JS
Sample : VHB/ PM1 1:25 DILUTION Inst : ECD1
Misc : 30.5G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 18:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0151

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-02.D Vial: 21
Signal #2 : D:\HPCHEM\5\AU26A\C845-02.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 AM Operator: JS
Sample : VHB/ PO1 Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 6:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

30.5g @ 90% solid

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	8047	6701	0.034	0.035	
				Recovery	=	85.00%	87.50%	
2) S	Decachlorobiphenyl	22.30	30.72	6269	2686	0.030	0.030	
				Recovery	=	75.00%	75.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	154971	117610	1.415	1.228	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	18225	11978	0.098	0.076	
5) L1	Aroclor-1016	6.85	8.90	38524	7063	1.203	0.525	#
6) L1	Aroclor-1016 {2}	8.99	10.43	49853	35907	2.842	1.286	#
7) L1	Aroclor-1016 {3}	9.38	12.36	77511	23896	2.989	1.385	#
Total	Aroclor-1016			165888	66866	~~7.035~~	~~3.196~~	
Average	Aroclor-1016					2.345	1.065	
8) L2	Aroclor-1221	5.14	8.12	784	4144	0.112	0.678	#
9) L2	Aroclor-1221 {2}	5.55	8.67	2076	5798	0.356	1.189	#
10) L2	Aroclor-1221 {3}	5.72	8.90	14769	7063	0.731	0.460	#
Total	Aroclor-1221			17630	17005	~~1.199~~	~~2.327~~	
Average	Aroclor-1221					0.400	0.776	
11) L3	Aroclor-1232	5.72	8.90	14769	7063	0.810	0.493	#
12) L3	Aroclor-1232 {2}	6.85	10.43	38524	35907	2.823	2.989	
13) L3	Aroclor-1232 {3}	8.66	12.36	26436	23896	~~3.194~~	~~3.446~~	
Total	Aroclor-1232			79729	66866	6.826	6.928	
Average	Aroclor-1232					2.275	2.309	
14) L4	Aroclor-1242	8.27	11.78	154971	117610	3.743	3.946	
15) L4	Aroclor-1242 {2}	9.38	12.36	77511	23896	3.984	1.808	#
16) L4	Aroclor-1242 {3}	10.13	14.13	72699	59175	4.303 del	4.448	
Total	Aroclor-1242			305181	200681	12.030	10.202	
Average	Aroclor-1242					4.010	3.401	
17) L5	Aroclor-1248	9.38	15.08	77511	50183	2.435	2.228	
18) L5	Aroclor-1248 {2}	10.13	15.30	72699	56631	2.654	2.426	
19) L5	Aroclor-1248 {3}	11.44	16.31	82511	41749	2.371	2.338	
Total	Aroclor-1248			232721	148563	~~7.461~~	~~6.992~~	
Average	Aroclor-1248					2.487	2.331	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0152

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-02.D Vial: 21
Signal #2 : D:\HPCHEM\5\AU26A\C845-02.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 AM Operator: JS
Sample : VHB/ PO1 Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 6:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.59	42380	41157	1.357	1.523	
21) L6	Aroclor-1254 {2}	13.48	15.83	68245	43569	1.580	1.497	
22) L6	Aroclor-1254 {3}	15.87	17.69	49440	64489	1.539	1.619	
Total	Aroclor-1254			160065	149215	4.477	4.640	
Average	Aroclor-1254					1.492	1.547	
23) L7	Aroclor-1260	13.98	18.32	33499	22681	0.965	0.709	#
24) L7	Aroclor-1260 {2}	14.76	18.64	27094	25221	0.666	0.701	
25) L7	Aroclor-1260 {3}	17.97	22.06	12860	9446	0.222	0.177	
Total	Aroclor-1260			73452	57349	~~1.854~~	~~1.587~~	
Average	Aroclor-1260					0.618	0.529	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

Arc. 1254 = $\frac{3.119 \times 10\,mL \times 1.5}{30.5 \times 0.9} = 1.702$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0153

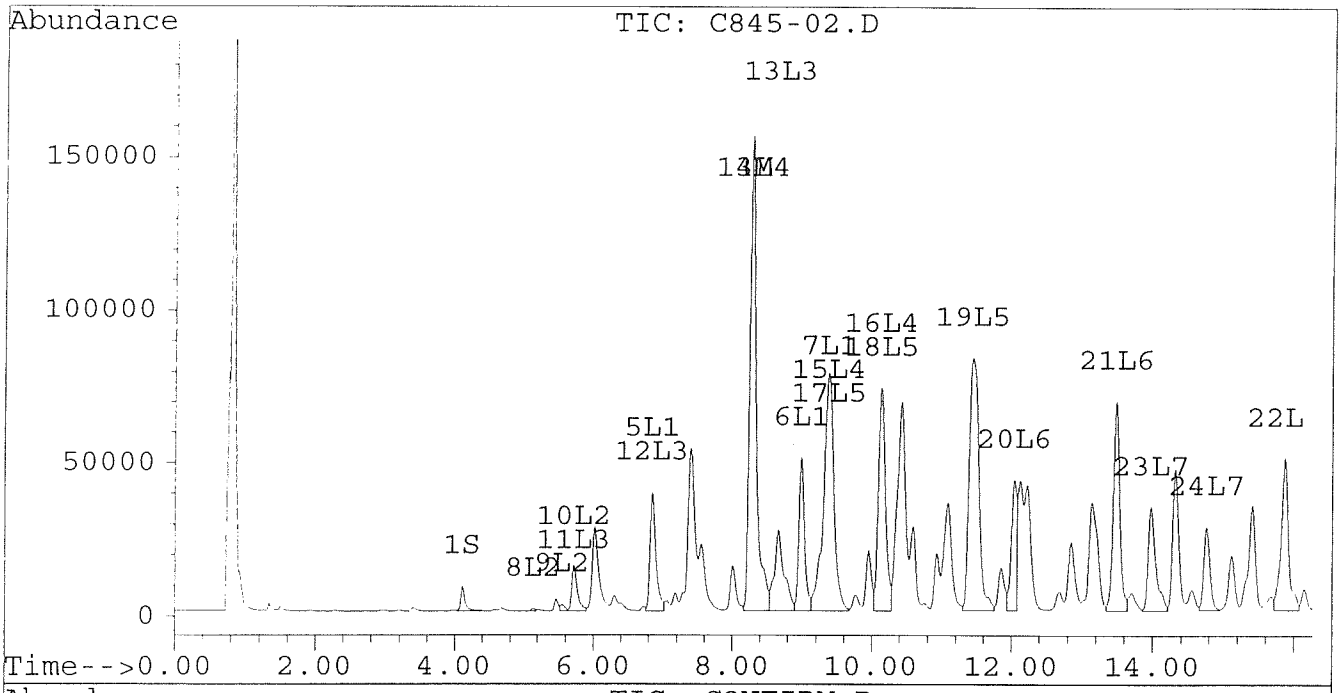
Quantitation Report

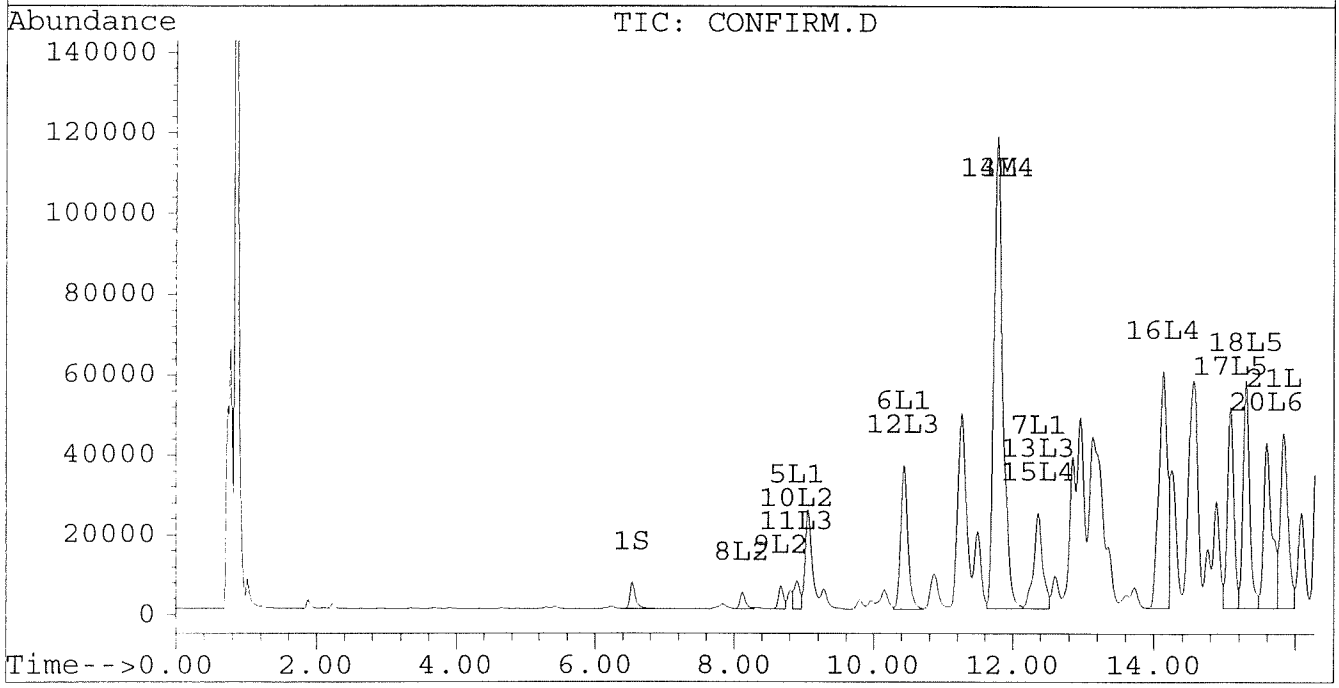
Signal #1 : D:\HPCHEM\5\AU26A\C845-02.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-02.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 AM
Sample : VHB/ PO1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS
Quant Time: Aug 27 6:20 1996

Vial: 21
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0154

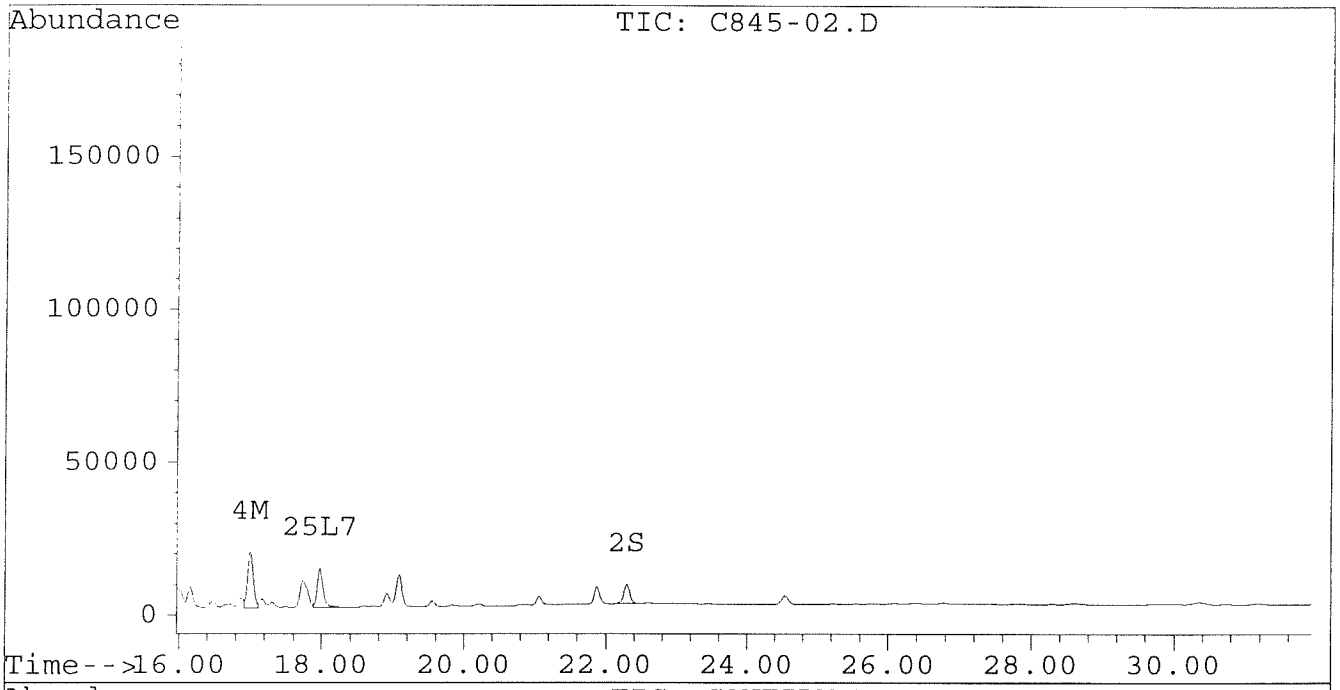
Quantitation Report

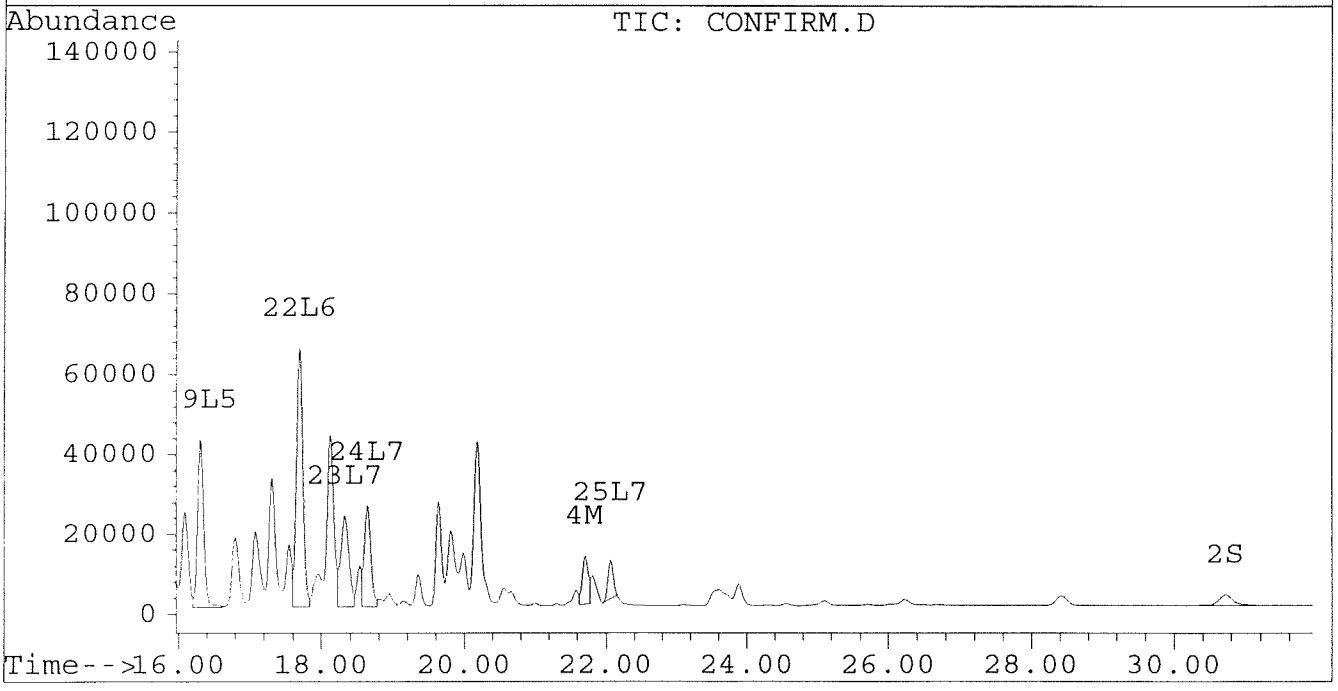
Signal #1 : D:\HPCHEM\5\AU26A\C845-02.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-02.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 AM
Sample : VHB/ PO1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS
Quant Time: Aug 27 6:20 1996

Vial: 21
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0155

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-02A.D Vial: 48
Signal #2 : D:\HPCHEM\5\AU29\C845-02A.D\CONFIRM.D
Acq On : 30 Aug 96 06:04 PM Operator: JS
Sample : VHB/ PO1 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 18:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	2993	2431	0.013	0.013	
					Recovery	=	32.50%	32.50%	
2)	S	Decachlorobiphenyl	22.30	30.72	2520	1023	0.012	0.012	
					Recovery	=	30.00%	30.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	68024	49659	0.621	0.518	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	7116	4459	0.038	0.028	#
5)	L1	Aroclor-1016	6.85	8.90	17372	2852	0.543	0.212	#
6)	L1	Aroclor-1016 {2}	8.98	10.43	20879	15613	1.190	0.559	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	34240	9893	1.321	0.573	#
		Total Aroclor-1016			72491	28358	3.053	1.344	
		Average Aroclor-1016					1.018	0.448	
8)	L2	Aroclor-1221	5.13	8.12	322	1526	0.046	0.250	#
9)	L2	Aroclor-1221 {2}	5.55	8.67	805	2102	0.138	0.431	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	6059	2852	0.300	0.186	#
		Total Aroclor-1221			7186	6481	0.484	0.866	
		Average Aroclor-1221					0.161	0.289	
11)	L3	Aroclor-1232	5.72	8.90	6059	2852	0.332	0.199	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	17372	15613	1.273	1.300	
13)	L3	Aroclor-1232 {3}	8.66	12.36	11102	9893	1.341	1.427	
		Total Aroclor-1232			34533	28358	2.946	2.925	
		Average Aroclor-1232					0.982	0.975	
14)	L4	Aroclor-1242	8.27	11.78	68024	49659	1.643	1.666	
15)	L4	Aroclor-1242 {2}	9.38	12.36	34240	9893	1.760	0.749	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	32092	25155	1.899	1.891	
		Total Aroclor-1242			134356	84707	5.302	4.305	
		Average Aroclor-1242					1.767	1.435	
17)	L5	Aroclor-1248	9.38	15.08	34240	20964	1.076	0.931	
18)	L5	Aroclor-1248 {2}	10.13	15.30	32092	23622	1.172	1.012	
19)	L5	Aroclor-1248 {3}	11.43	16.31	36158	16303	1.039	0.913	
		Total Aroclor-1248			102489	60890	3.287	2.856	
		Average Aroclor-1248					1.096	0.952	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0156

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-02A.D Vial: 48
Signal #2 : D:\HPCHEM\5\AU29\C845-02A.D\CONFIRM.D
Acq On : 30 Aug 96 06:04 PM Operator: JS
Sample : VHB/ PO1 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 18:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	18925	17500	0.606	0.648
21) L6	Aroclor-1254 {2}	13.48	15.83	29414	18600	0.681	0.639
22) L6	Aroclor-1254 {3}	15.87	17.69	20559	26918	0.640	0.676
Total	Aroclor-1254			68897	63018	1.927	1.963
Average	Aroclor-1254					0.642	0.654
23) L7	Aroclor-1260	13.98	18.32	14204	9428	0.409	0.295 #
24) L7	Aroclor-1260 {2}	14.76	18.64	11649	10529	0.287	0.293
25) L7	Aroclor-1260 {3}	17.97	22.06	5114	3766	0.088	0.070
Total	Aroclor-1260			30966	23722	0.784	0.658
Average	Aroclor-1260					0.261	0.219
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$AR\text{-}1242 = \frac{3.403 \times 10\,mL \times 1.5 \times 3}{30.5 \times 0.9} = 5600$ DF

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

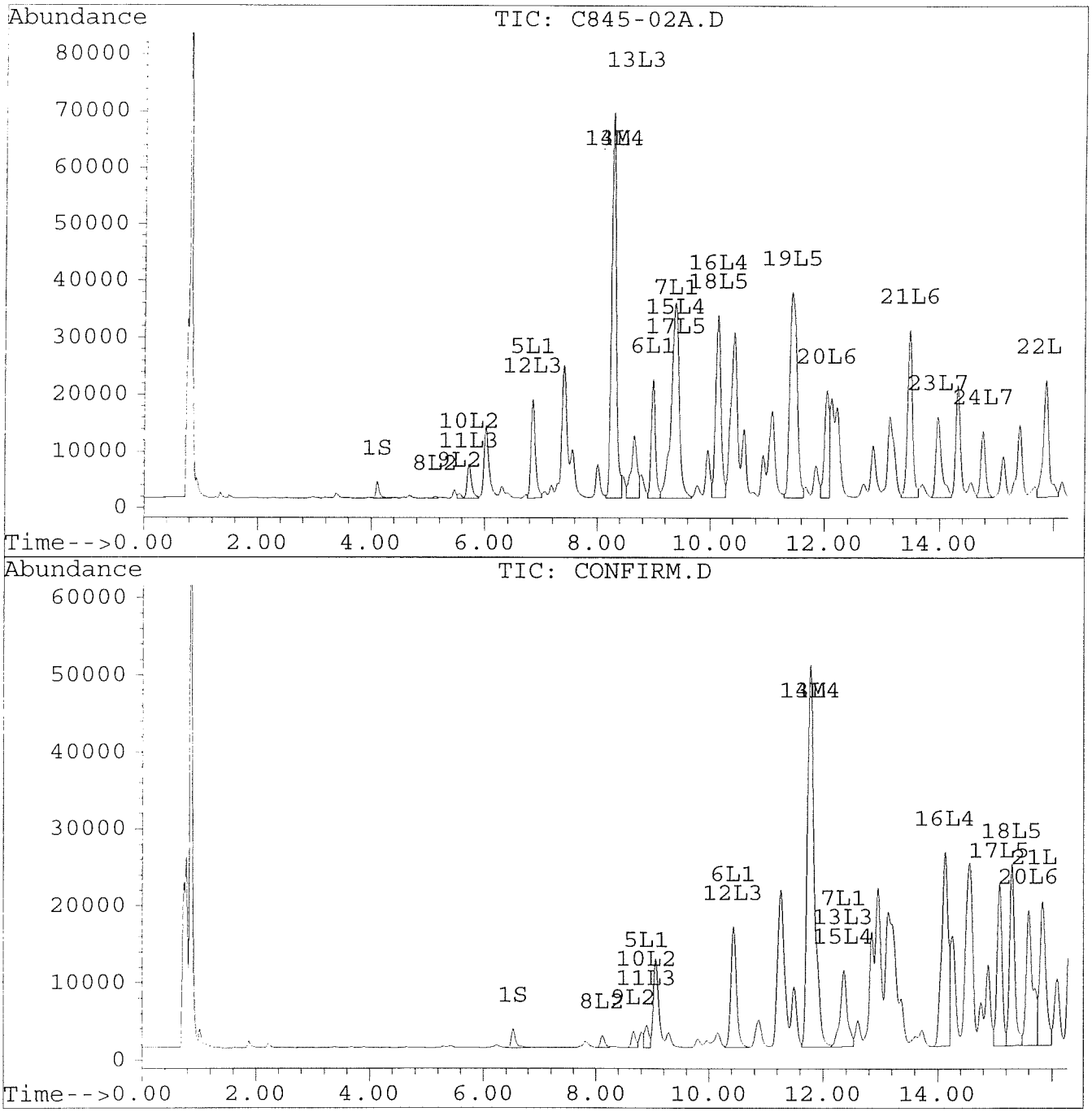
0157

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-02A.D Vial: 48
Signal #2 : D:\HPCHEM\5\AU29\C845-02A.D\CONFIRM.D
Acq On : 30 Aug 96 06:04 PM Operator: JS
Sample : VHB/ PO1 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 18:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



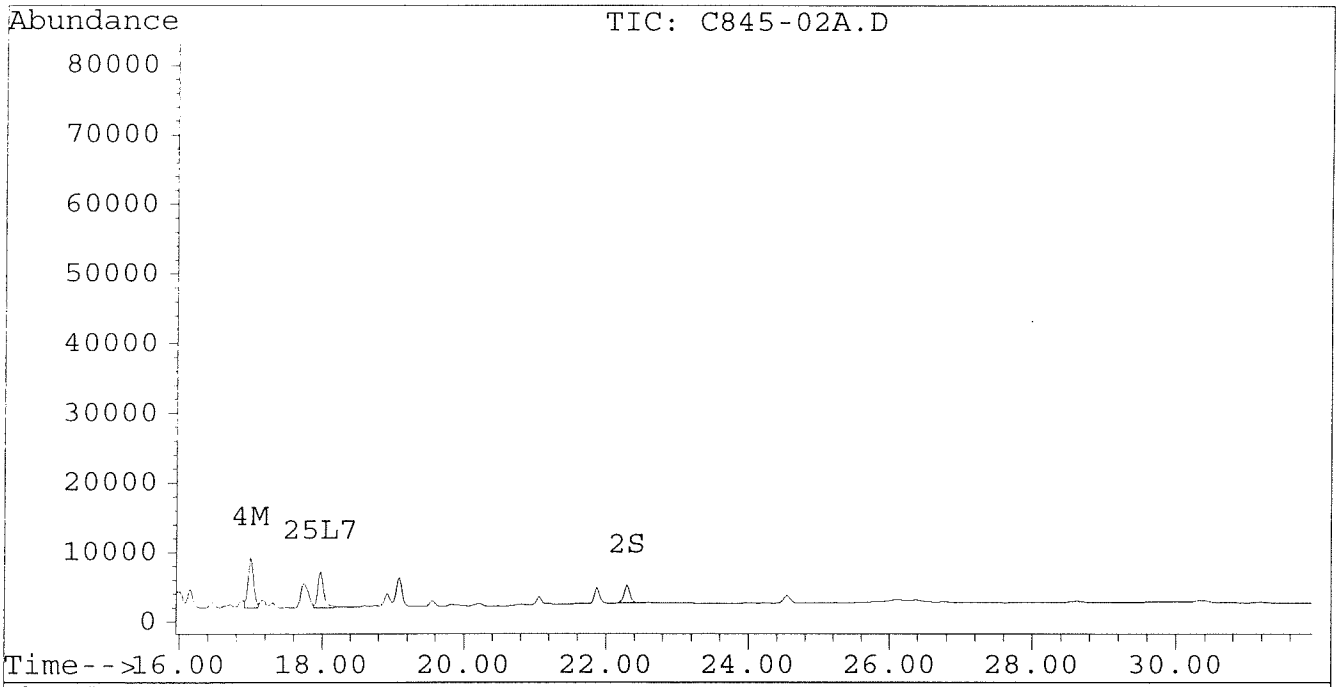
0158

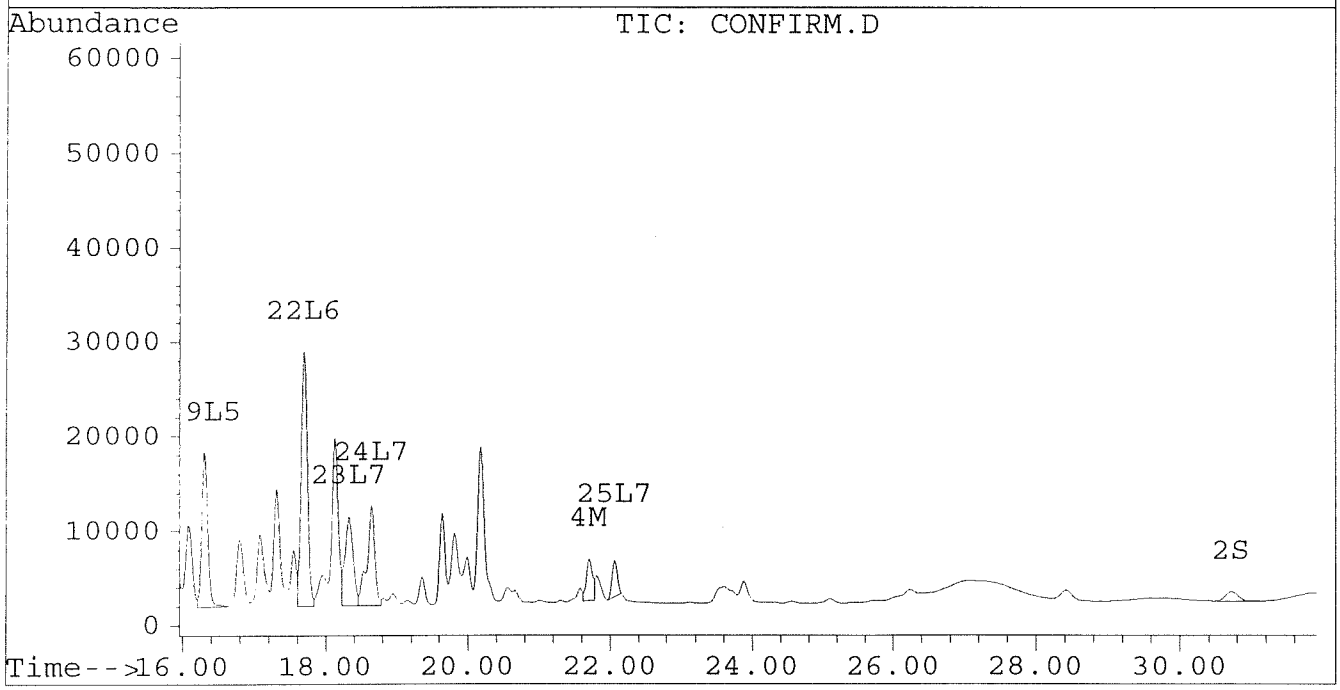
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-02A.D Vial: 48
Signal #2 : D:\HPCHEM\5\AU29\C845-02A.D\CONFIRM.D
Acq On : 30 Aug 96 06:04 PM Operator: JS
Sample : VHB/ PO1 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 18:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-02B.D Vial: 22
Signal #2 : D:\HPCHEM\5\SE3\C845-02B.D\CONFIRM.D
Acq On : 04 Sep 96 04:14 AM Operator: JS
Sample : VHB/ PO1 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 4:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	1991	1631	0.008	0.009
				Recovery	=	20.00%	22.50%
2) S	Decachlorobiphenyl	22.20	30.49	1607	1040	0.008	0.012 #
				Recovery	=	20.00%	30.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	46633	33416	0.426	0.349
4) M	2,2',3,3',4,4'-Hexa	16.91	21.61	4682	2895	0.025	0.018 #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.71f	0.00	2803	0	0.339	N.D. #
	Total Aroclor-1232			2803	0	0.339	N.D.
	Average Aroclor-1232					0.339	0.000
14) L4	Aroclor-1242	8.20	11.69	46633	33416	1.126	1.121
15) L4	Aroclor-1242 {2}	9.30	12.27	24024	6650	1.235	0.503 #
16) L4	Aroclor-1242 {3}	10.05	14.04	21992	17221	1.302	1.294
	Total Aroclor-1242			92650	57287	3.663	2.919
	Average Aroclor-1242					1.221	0.973
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0160

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-02B.D Vial: 22
Signal #2 : D:\HPCHEM\5\SE3\C845-02B.D\CONFIRM.D
Acq On : 04 Sep 96 04:14 AM Operator: JS
Sample : VHB/ PO1 1:5 DILUTION Inst : ECD1
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 4:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	13043	11939	0.418	0.442
21) L6	Aroclor-1254 {2}	13.40	15.74	19530	12714	0.452	0.437
22) L6	Aroclor-1254 {3}	15.79	17.60	13604	18150	0.424	0.456
Total	Aroclor-1254			46177	42803	1.293	1.335
Average	Aroclor-1254					0.431	0.445
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.83	0.00	1231	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.99	0.00	2721	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.78f	0.00	1425	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0161

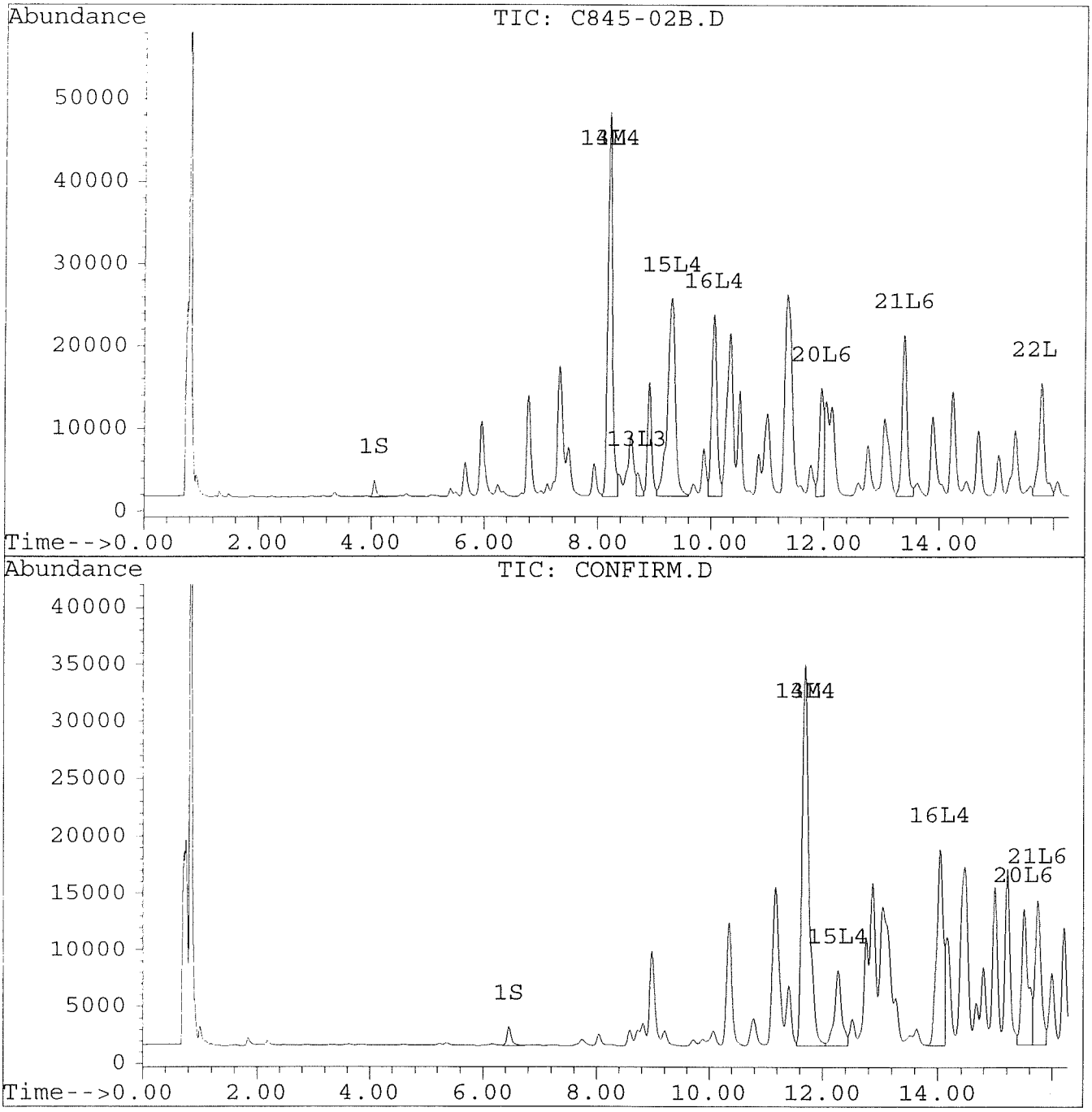
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-02B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-02B.D\CONFIRM.D
Acq On : 04 Sep 96 04:14 AM
Sample : VHB/ PO1 1:5 DILUTION
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS
Quant Time: Sep 4 4:48 1996

Vial: 22
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0162

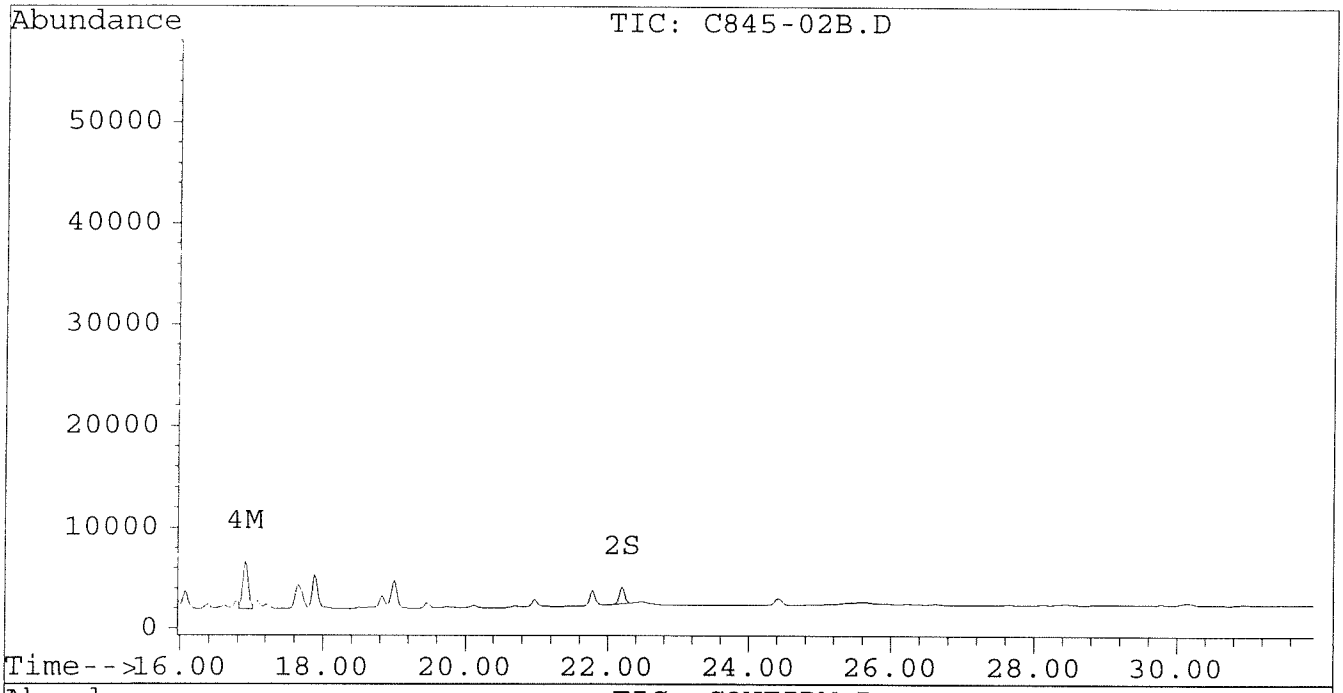
Quantitation Report

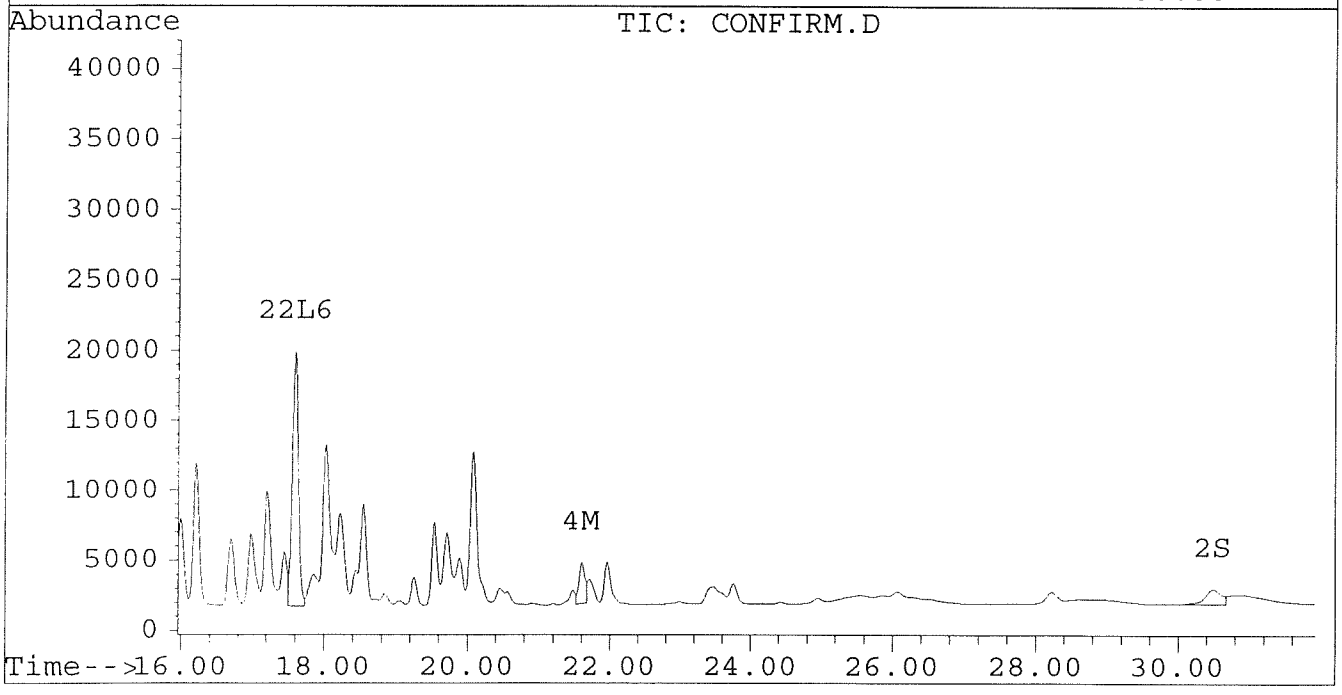
Signal #1 : D:\HPCHEM\5\SE3\C845-02B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-02B.D\CONFIRM.D
Acq On : 04 Sep 96 04:14 AM
Sample : VHB/ PO1 1:5 DILUTION
Misc : 30.5G/10ML 90 % SOLID PCB ANALYSIS
Quant Time: Sep 4 4:48 1996

Vial: 22
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-03.D Vial: 22
Signal #2 : D:\HPCHEM\5\AU26A\C845-03.D\CONFIRM.D
Acq On : 27 Aug 96 06:22 AM Operator: JS
Sample : VHB/ PP1 Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 6:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	5497	4533	0.023	0.024	
					Recovery	=	57.50%	60.00%	
2)	S	Decachlorobiphenyl	22.29	30.72	4935	2064	0.023	0.023	
					Recovery	=	57.50%	57.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	157956	116654	1.442	1.218	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	18549	11573	0.099	0.074	#
5)	L1	Aroclor-1016	6.85	8.89	37909	4318	1.184	0.321	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	51594	34248	2.941	1.227	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	82880	20495	3.197	1.188	#
		Total Aroclor-1016			172383	59061	7.322	2.735	
		Average Aroclor-1016					2.441	0.912	
8)	L2	Aroclor-1221	5.13	8.12	408	1300	0.058	0.213	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	1096	3089	0.188	0.633	#
10)	L2	Aroclor-1221 {3}	5.72	8.89	9733	4318	0.482	0.281	#
		Total Aroclor-1221			11237	8706	0.728	1.127	
		Average Aroclor-1221					0.243	0.376	
11)	L3	Aroclor-1232	5.72	8.89	9733	4318	0.534	0.301	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	37909	34248	2.778	2.851	
13)	L3	Aroclor-1232 {3}	8.66	12.36	23331	20495	2.819	2.956	
		Total Aroclor-1232			70973	59061	6.130	6.108	
		Average Aroclor-1232					2.043	2.036	
14)	L4	Aroclor-1242	8.27	11.78	157956	116654	3.815	3.914	
15)	L4	Aroclor-1242 {2}	9.38	12.36	82880	20495	4.260	1.551	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	78281	62446	4.633	4.694	
		Total Aroclor-1242			319117	199596	12.708	10.159	
		Average Aroclor-1242					4.236	3.386	
17)	L5	Aroclor-1248	9.38	15.08	82880	47798	2.604	2.122	
18)	L5	Aroclor-1248 {2}	10.13	15.30	78281	56555	2.858	2.423	
19)	L5	Aroclor-1248 {3}	11.43	16.31	82186	38667	2.362	2.166	
		Total Aroclor-1248			243347	143021	7.824	6.710	
		Average Aroclor-1248					2.608	2.237	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-03.D Vial: 22
Signal #2 : D:\HPCHEM\5\AU26A\C845-03.D\CONFIRM.D
Acq On : 27 Aug 96 06:22 AM Operator: JS
Sample : VHB/ PP1 Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 6:56 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.60	45144	60764	1.446	2.249	#
21) L6	Aroclor-1254 {2}	13.48	15.83	70701	44414	1.637	1.526	
22) L6	Aroclor-1254 {3}	15.87	17.69	49411	65072	1.538	1.634	
Total	Aroclor-1254			165256	170250	4.621	5.409	
Average	Aroclor-1254					1.540	1.803	
23) L7	Aroclor-1260	13.97	18.32	33795	22851	0.974	0.715	#
24) L7	Aroclor-1260 {2}	14.76	18.64	28103	25633	0.691	0.713	
25) L7	Aroclor-1260 {3}	17.97	22.06	14856	10744	0.257	0.201	
Total	Aroclor-1260			76755	59228	1.922	1.628	
Average	Aroclor-1260					0.641	0.543	
26) L8	Aroclor-1268	0.00	23.31	0	753	N.D.	0.175	#
27) L8	Aroclor-1268 {2}	0.00	23.53	0	3024	N.D.	NoCal	
28) L8	Aroclor-1268 {3}	0.00	28.13	0	184	N.D.	NoCal	
Total	Aroclor-1268			0	753	N.D.	0.175	
Average	Aroclor-1268					0.000	0.175	

AR-1254 = $\frac{3.175 \times 10mL \times 1.5}{30.5g \times 0.91} = 1.700$

KL

0165

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

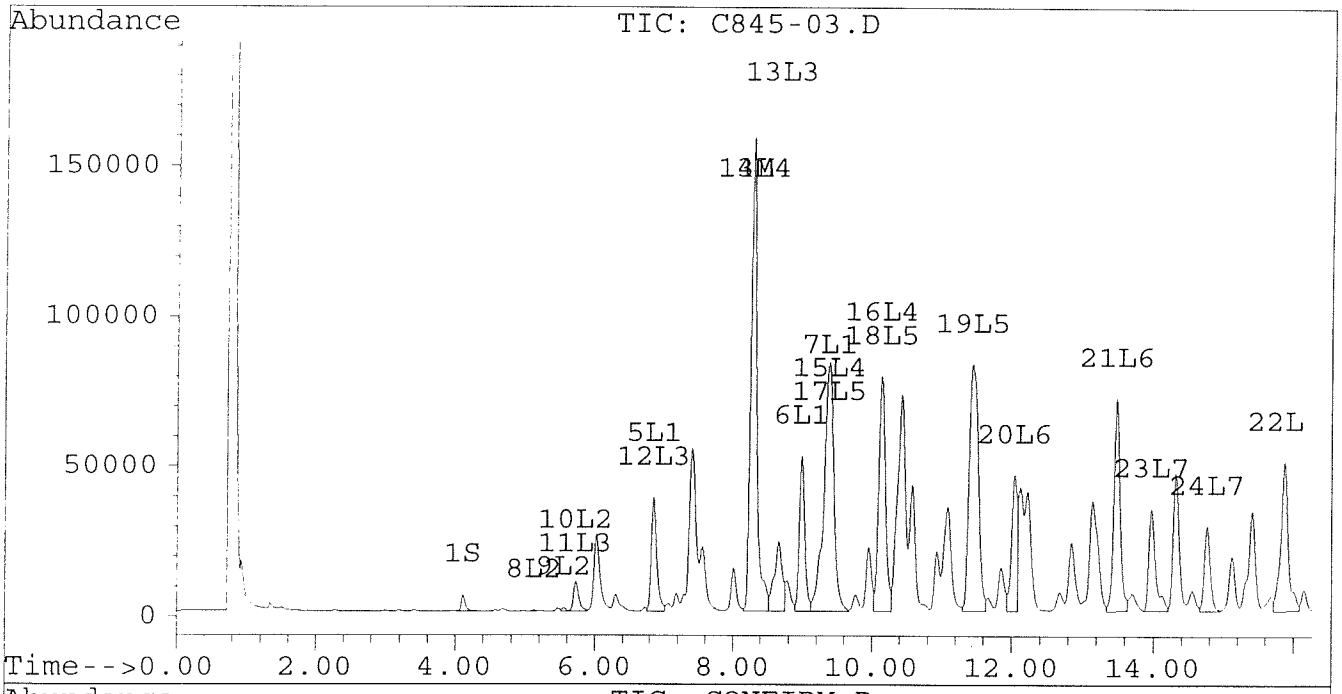
Quantitation Report

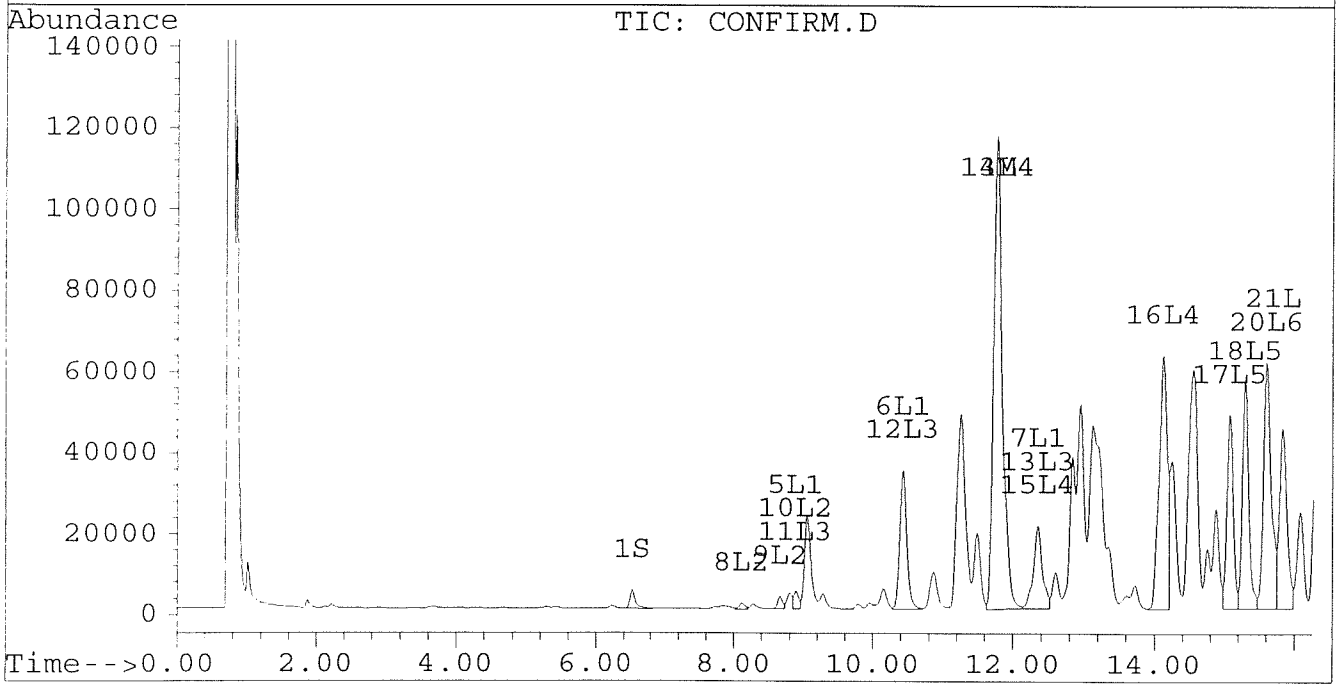
Signal #1 : D:\HPCHEM\5\AU26A\C845-03.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-03.D\CONFIRM.D
Acq On : 27 Aug 96 06:22 AM
Sample : VHB/ PP1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 27 6:56 1996

Vial: 22
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





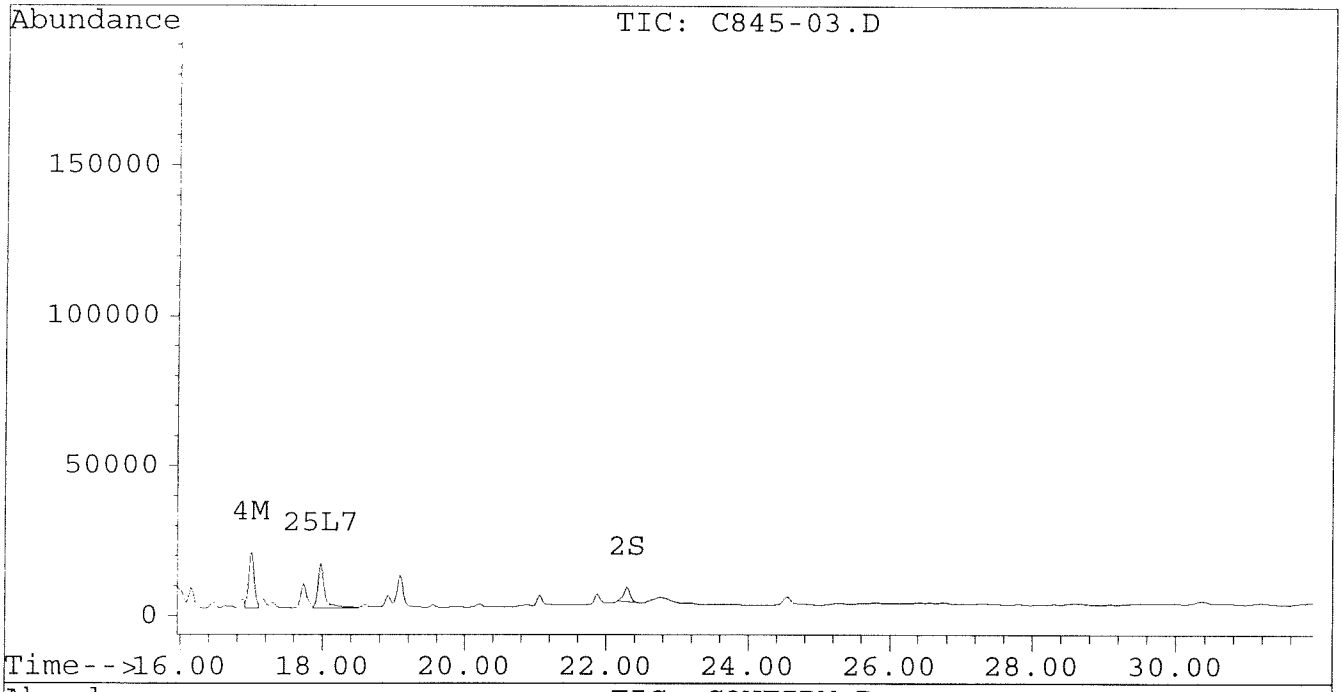
Quantitation Report

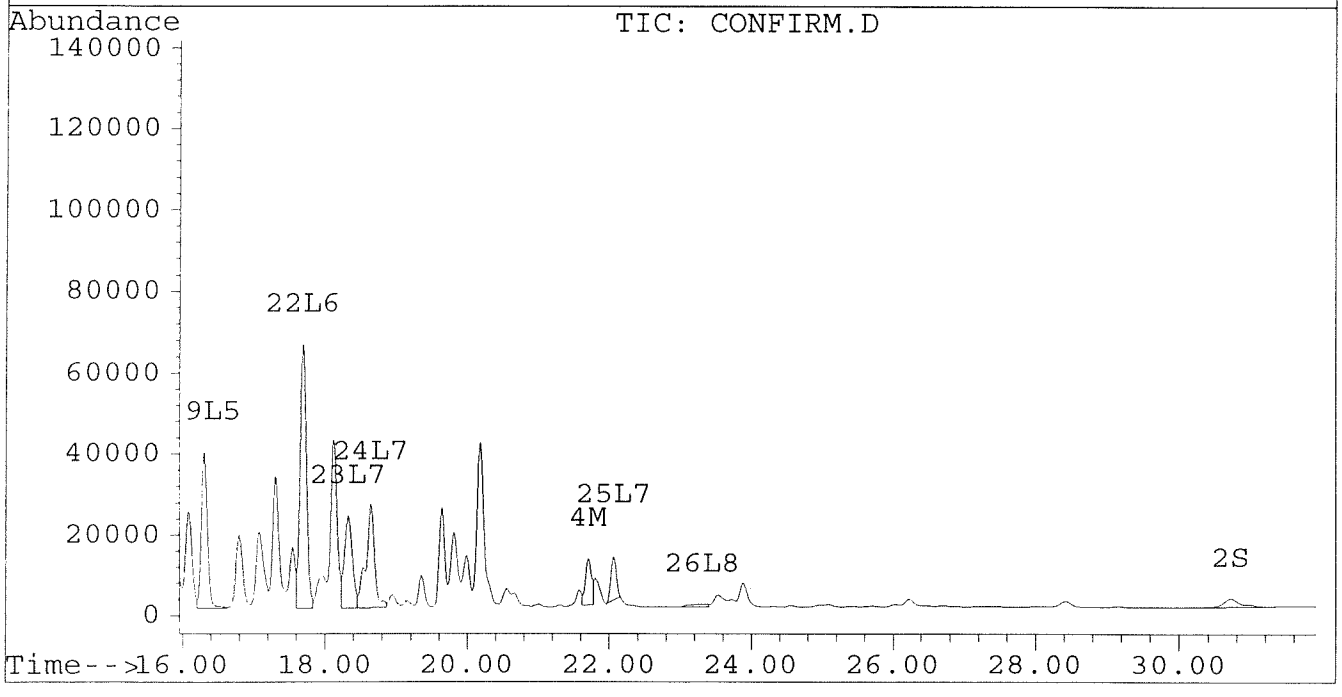
Signal #1 : D:\HPCHEM\5\AU26A\C845-03.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-03.D\CONFIRM.D
Acq On : 27 Aug 96 06:22 AM
Sample : VHB/ PP1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 27 6:56 1996

Vial: 22
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-03A.D Vial: 49
Signal #2 : D:\HPCHEM\5\AU29\C845-03A.D\CONFIRM.D
Acq On : 30 Aug 96 06:39 PM Operator: JS
Sample : VHB/ PP1 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 19:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	165	239	0.001	0.001	#
					Recovery	=	2.50%	2.50%	
2)	S	Decachlorobiphenyl	22.29	30.72	436	240	0.002	0.003	#
					Recovery	=	5.00%	7.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	39862	29239	0.364	0.305	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	4183	2614	0.022	0.017	#
5)	L1	Aroclor-1016	6.85	8.90	8762	1414	0.274	0.105	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	12065	7980	0.688	0.286	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	21244	5104	0.819	0.296	#
		Total Aroclor-1016			42071	14499	1.781	0.687	
		Average Aroclor-1016					0.594	0.229	
8)	L2	Aroclor-1221	5.14	8.12	142	179	0.020	0.029	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	333	677	0.057	0.139	#
10)	L2	Aroclor-1221 {3}	5.73	8.90	2909	1414	0.144	0.092	#
		Total Aroclor-1221			3385	2270	0.221	0.260	
		Average Aroclor-1221					0.074	0.087	
11)	L3	Aroclor-1232	5.73	8.90	2909	1414	0.159	0.099	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	8762	7980	0.642	0.664	
13)	L3	Aroclor-1232 {3}	8.66	12.36	5784	5104	0.699	0.736	
		Total Aroclor-1232			17455	14499	1.500	1.499	
		Average Aroclor-1232					0.500	0.500	
14)	L4	Aroclor-1242	8.27	11.78	39862	29239	0.963	0.981	
15)	L4	Aroclor-1242 {2}	9.38	12.36	21244	5104	1.092	0.386	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	19141	15106	1.133	1.135	
		Total Aroclor-1242			80246	49449	3.188	2.503	
		Average Aroclor-1242					1.063	0.834	
17)	L5	Aroclor-1248	9.38	15.08	21244	11786	0.667	0.523	
18)	L5	Aroclor-1248 {2}	10.13	15.30	19141	12475	0.699	0.534	
19)	L5	Aroclor-1248 {3}	11.43	16.31	21202	7610	0.609	0.426	#
		Total Aroclor-1248			61587	31871	1.976	1.484	
		Average Aroclor-1248					0.659	0.495	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-03A.D Vial: 49
Signal #2 : D:\HPCHEM\5\AU29\C845-03A.D\CONFIRM.D
Acq On : 30 Aug 96 06:39 PM Operator: JS
Sample : VHB/ PP1 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 19:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	12194	11057	0.390	0.409
21) L6	Aroclor-1254 {2}	13.48	15.83	17885	11751	0.414	0.404
22) L6	Aroclor-1254 {3}	15.87	17.69	12673	16692	0.395	0.419
Total	Aroclor-1254			42752	39501	1.199	1.232
Average	Aroclor-1254					0.400	0.411
23) L7	Aroclor-1260	13.98	18.33	8644	5868	0.249	0.184 #
24) L7	Aroclor-1260 {2}	14.76	18.64	7438	6614	0.183	0.184
25) L7	Aroclor-1260 {3}	17.97	22.06	3161	2105	0.055	0.039 #
Total	Aroclor-1260			19243	14587	0.487	0.407
Average	Aroclor-1260					0.162	0.136
26) L8	Aroclor-1268	0.00	23.33	0	317	N.D.	0.074 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	317	N.D.	0.074
Average	Aroclor-1268					0.000	0.074

AR 1242 = $\frac{2.055 \times 10mL \times 1.5 \times 3}{30.5 \times 0.91}$ (DF) = 3300

0169

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

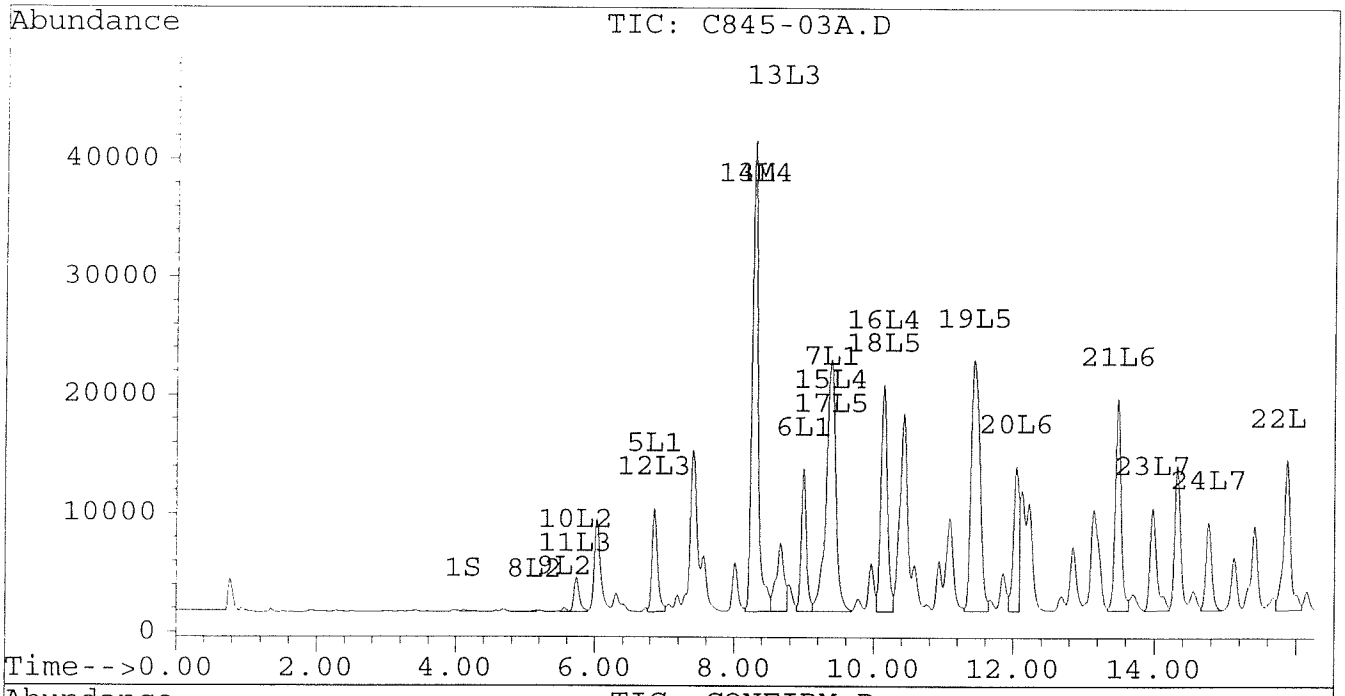
Signal #1 : D:\HPCHEM\5\AU29\C845-03A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-03A.D\CONFIRM.D
Acq On : 30 Aug 96 06:39 PM
Sample : VHB/ PP1 1:3 DILUTION
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 30 19:13 1996

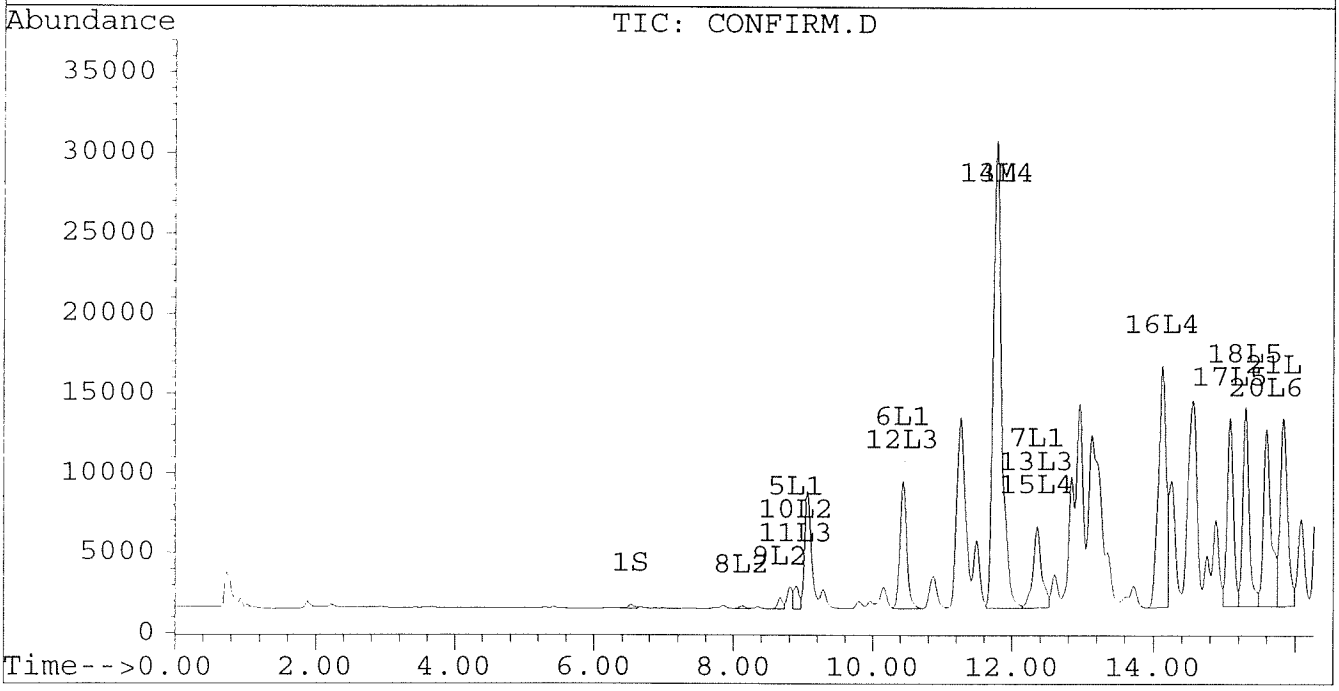
Vial: 49
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





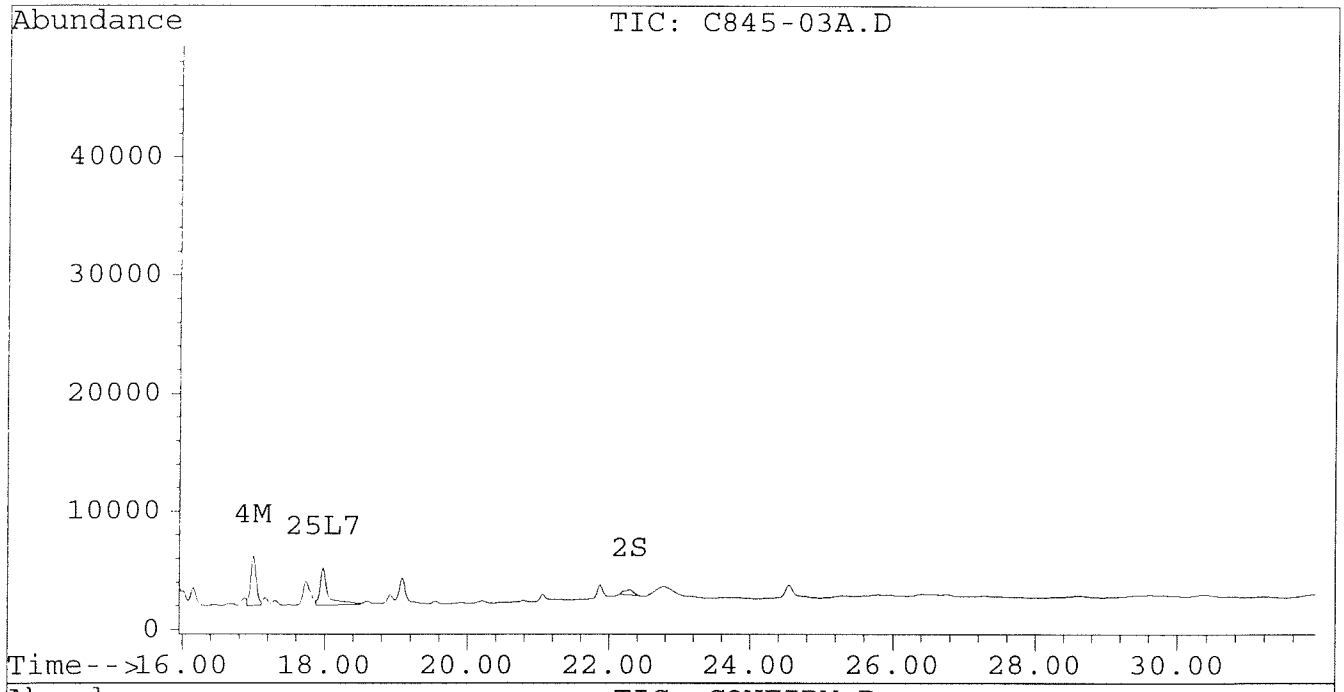
0179

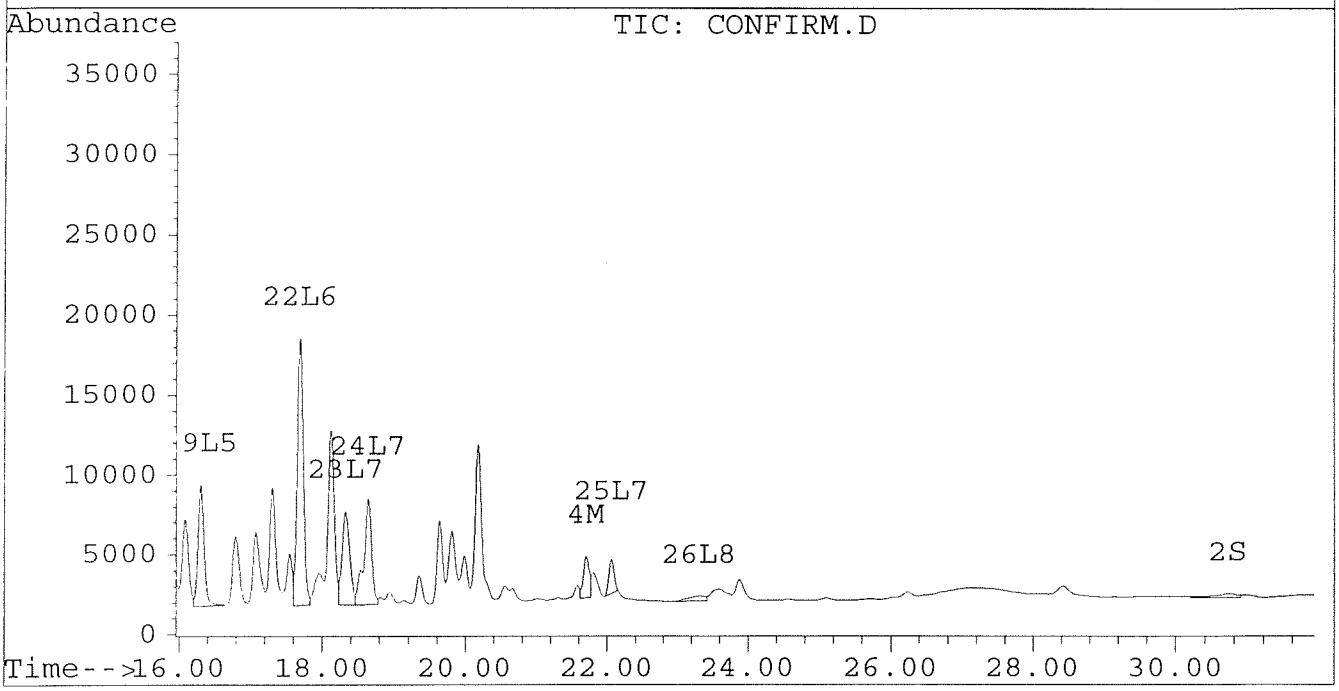
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-03A.D Vial: 49
Signal #2 : D:\HPCHEM\5\AU29\C845-03A.D\CONFIRM.D
Acq On : 30 Aug 96 06:39 PM Operator: JS
Sample : VHB/ PP1 1:3 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 19:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0171

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-04.D Vial: 23
Signal #2 : D:\HPCHEM\5\AU26A\C845-04.D\CONFIRM.D
Acq On : 27 Aug 96 06:58 AM Operator: JS
Sample : VHB/ PQ2 Inst : ECD1
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 7:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.11	6.53	7748	6713	0.032	0.035
					Recovery	=	80.00%	87.50%
2)	S	Decachlorobiphenyl	22.30	30.72	7436	3176	0.035	0.036
					Recovery	=	87.50%	90.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.27	11.77	546378	392294	4.989	4.096
4)	M	2,2',3,3',4,4'-Hexa	17.01	21.71	77277	49906	0.413	0.318
5)	L1	Aroclor-1016	6.85	8.89	124132	20109	3.877	1.494 #
6)	L1	Aroclor-1016 {2}	8.98	10.43	163830	110247	9.340	3.948 #
7)	L1	Aroclor-1016 {3}	9.37	12.36	253203	77474	9.766	4.490 #
	Total	Aroclor-1016			541165	207830	22.983	9.932
Average		Aroclor-1016					7.661	3.311
8)	L2	Aroclor-1221	0.00	8.12	0	5755	N.D.	0.941 #
9)	L2	Aroclor-1221 {2}	5.55	8.66	5264	15041	0.902	3.084 #
10)	L2	Aroclor-1221 {3}	5.72	8.89	41143	20109	2.036	1.310 #
	Total	Aroclor-1221			46407	40905	2.938	5.335
Average		Aroclor-1221					1.469	1.778
11)	L3	Aroclor-1232	5.72	8.89	41143	20109	2.256	1.403 #
12)	L3	Aroclor-1232 {2}	6.85	10.43	124132	110247	9.096	9.177
13)	L3	Aroclor-1232 {3}	8.66	12.36	86462	77474	10.445	11.173
	Total	Aroclor-1232			251737	207830	21.796	21.753
Average		Aroclor-1232					7.265	7.251
14)	L4	Aroclor-1242	8.27	11.77	546378	392294	13.195	13.163
15)	L4	Aroclor-1242 {2}	9.37	12.36	253203	77474	13.015	5.862 #
16)	L4	Aroclor-1242 {3}	10.13	14.13	242645	194182	14.362	14.595
	Total	Aroclor-1242			1042225	663950	40.572	33.620
Average		Aroclor-1242					13.524	11.207
17)	L5	Aroclor-1248	9.37	15.08	253203	173657	7.956	7.709
18)	L5	Aroclor-1248 {2}	10.13	15.30	242645	194133	8.859	8.316
19)	L5	Aroclor-1248 {3}	11.43	16.30	286387	149371	8.231	8.365
	Total	Aroclor-1248			782234	517161	25.045	24.391
Average		Aroclor-1248					8.348	8.130

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0172

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-04.D Vial: 23
Signal #2 : D:\HPCHEM\5\AU26A\C845-04.D\CONFIRM.D
Acq On : 27 Aug 96 06:58 AM Operator: JS
Sample : VHB/ PQ2 Inst : ECD1
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 7:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.59	148856	142115	4.766	5.260	
21) L6	Aroclor-1254 {2}	13.48	15.83	245447	146949	5.684	5.050	
22) L6	Aroclor-1254 {3}	15.87	17.69	179147	228846	5.578	5.746	
Total	Aroclor-1254			573449	517909	16.028	16.057	
Average	Aroclor-1254					5.343	5.352	
23) L7	Aroclor-1260	13.97	18.32	116097	78537	3.346	2.456	#
24) L7	Aroclor-1260 {2}	14.76	18.64	94828	88267	2.332	2.454	
25) L7	Aroclor-1260 {3}	17.97	22.06	49852	37885	0.862	0.709	
Total	Aroclor-1260			260778	204690	6.540	5.619	
Average	Aroclor-1260					2.180	1.873	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	23.53	0	8843	N.D.	NoCal	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0173

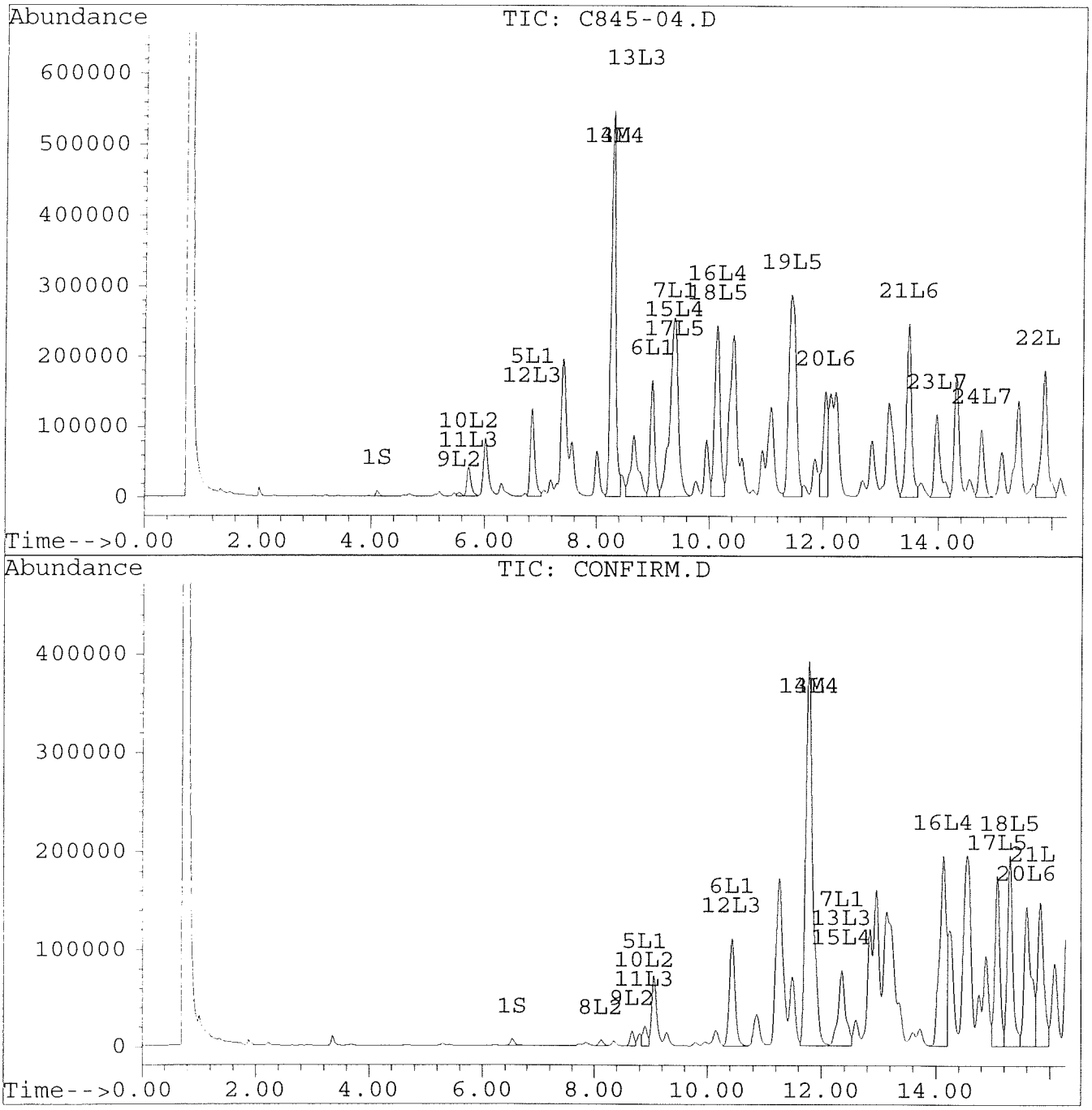
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-04.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-04.D\CONFIRM.D
Acq On : 27 Aug 96 06:58 AM
Sample : VHB/ PQ2
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS
Quant Time: Aug 27 7:32 1996

Vial: 23
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0174

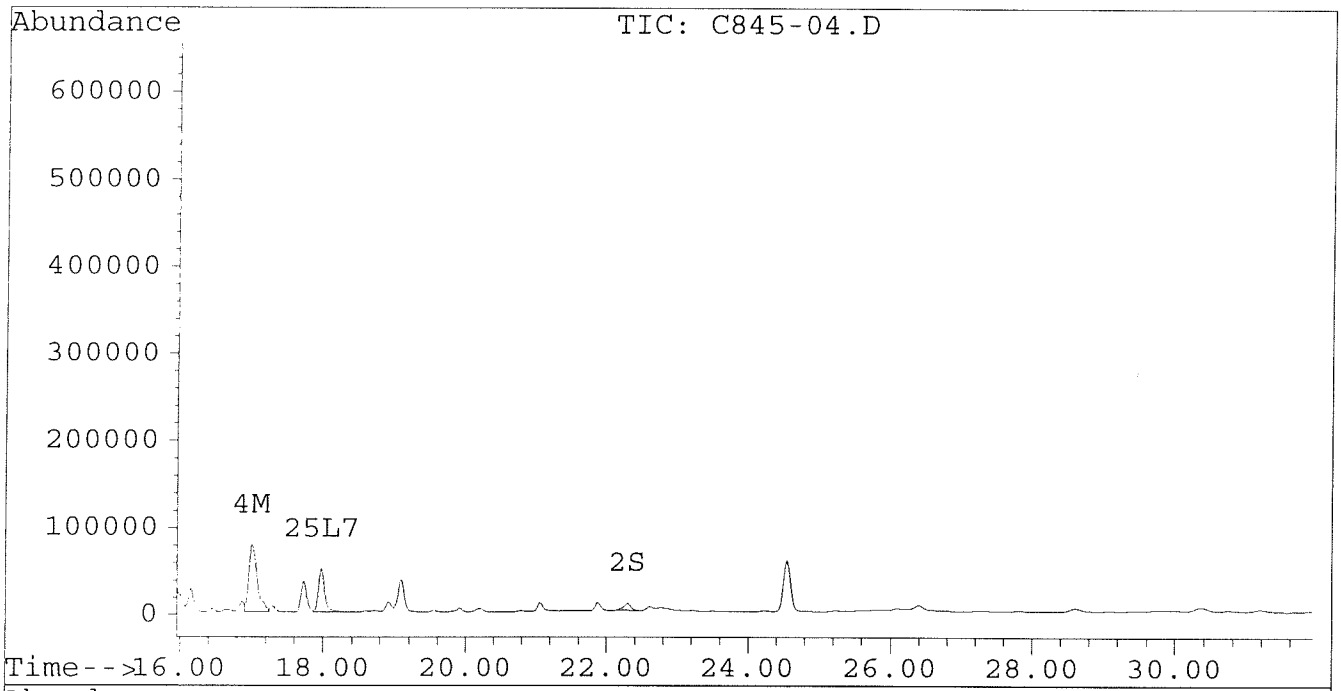
Quantitation Report

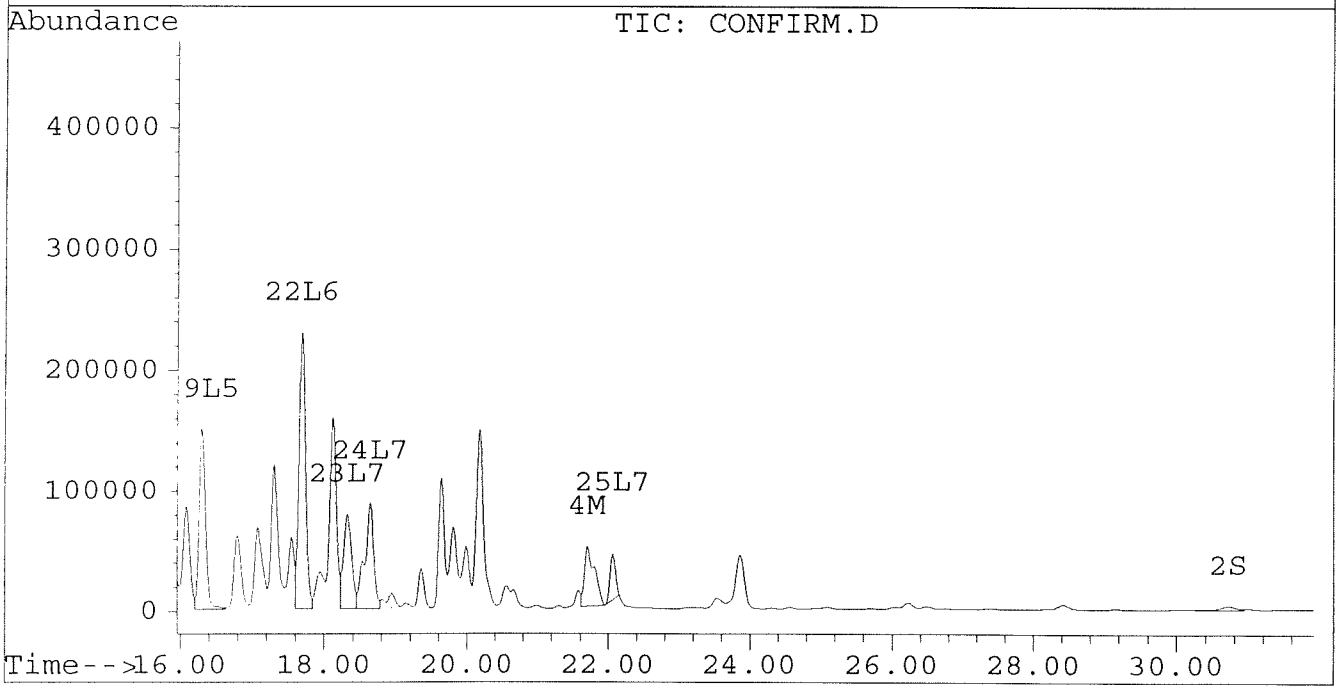
Signal #1 : D:\HPCHEM\5\AU26A\C845-04.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-04.D\CONFIRM.D
Acq On : 27 Aug 96 06:58 AM
Sample : VHB/ PQ2
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS
Quant Time: Aug 27 7:32 1996

Vial: 23
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0175

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-04A.D Vial: 81
Signal #2 : D:\HPCHEM\5\AU26A\C845-04A.D\CONFIRM.D
Acq On : 28 Aug 96 05:37 PM Operator: JS
Sample : VHB/ PQ2 1:15 DILUTION Inst : ECD1
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 18:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	563	499	0.002	0.003
				Recovery	=	5.00%	7.50%
2) S	Decachlorobiphenyl	22.30	30.71	573	256	0.003	0.003
				Recovery	=	7.50%	7.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	59905	43723	0.547	0.456
4) M	2,2',3,3',4,4'-Hexa	17.01	21.70	6733	3630	0.036	0.023 #
5) L1	Aroclor-1016	6.85	8.90	14566	2143	0.455	0.159 #
6) L1	Aroclor-1016 {2}	8.99	10.43	16666	13345	0.950	0.478 #
7) L1	Aroclor-1016 {3}	9.38	12.36	30809	8496	1.188	0.492 #
Total	Aroclor-1016			62041	23984	2.593	1.130
Average	Aroclor-1016					0.864	0.377
8) L2	Aroclor-1221	0.00	8.12	0	461	N.D.	0.075 #
9) L2	Aroclor-1221 {2}	5.56	8.67	500	1117	0.086	0.229 #
10) L2	Aroclor-1221 {3}	5.73	8.90	3998	2143	0.198	0.140 #
Total	Aroclor-1221			4498	3721	0.284	0.444
Average	Aroclor-1221					0.142	0.148
11) L3	Aroclor-1232	5.73	8.90	3998	2143	0.219	0.150 #
12) L3	Aroclor-1232 {2}	6.85	10.43	14566	13345	1.067	1.111
13) L3	Aroclor-1232 {3}	8.66	12.36	9280	8496	1.121	1.225
Total	Aroclor-1232			27844	23984	2.408	2.486
Average	Aroclor-1232					0.803	0.829
14) L4	Aroclor-1242	8.28	11.78	59905	43723	1.447	1.467
15) L4	Aroclor-1242 {2}	9.38	12.36	30809	8496	1.584	0.643 #
16) L4	Aroclor-1242 {3}	10.13	14.13	27921	22322	1.653	1.678
Total	Aroclor-1242			118635	74541	4.683	3.788
Average	Aroclor-1242					1.561	1.263
17) L5	Aroclor-1248	9.38	15.08	30809	18425	0.968	0.818
18) L5	Aroclor-1248 {2}	10.13	15.30	27921	20445	1.019	0.876
19) L5	Aroclor-1248 {3}	11.44	16.31	32533	13562	0.935	0.760
Total	Aroclor-1248			91264	52432	2.922	2.453
Average	Aroclor-1248					0.974	0.818

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0170

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-04A.D Vial: 81
Signal #2 : D:\HPCHEM\5\AU26A\C845-04A.D\CONFIRM.D
Acq On : 28 Aug 96 05:37 PM Operator: JS
Sample : VHB/ PQ2 1:15 DILUTION Inst : ECD1
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 18:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	17235	16011	0.552	0.593
21) L6 Aroclor-1254 {2}	13.48	15.83	26151	16803	0.606	0.577
22) L6 Aroclor-1254 {3}	15.87	17.69	17426	23800	0.543	0.598
Total Aroclor-1254			60813	56614	1.700	1.768
Average Aroclor-1254					0.567	0.589
23) L7 Aroclor-1260	13.98	18.32	12429	8338	0.358	0.261 #
24) L7 Aroclor-1260 {2}	14.76	18.64	10029	8945	0.247	0.249
25) L7 Aroclor-1260 {3}	17.97	22.06	4158	2899	0.072	0.054
Total Aroclor-1260			26615	20182	0.677	0.564
Average Aroclor-1260					0.226	0.188
26) L8 Aroclor-1268	0.00	23.33	0	314	N.D.	0.073 #
27) L8 Aroclor-1268 {2}	0.00	23.53	0	732	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	314	N.D.	0.073
Average Aroclor-1268					0.000	0.073

$$AR\ 1242 = \frac{3031 \times 10mL \times 1.5 \times 15}{30.2 \times 0.95} = 24,000\ D \quad (DF)$$

$$AR\ 1254 = \frac{1.149 \times 10mL \times 1.5 \times 15}{30.2 \times 0.95} = 9,000\ D$$

kc

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-04A.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-04A.D\CONFIRM.D
Acq On : 28 Aug 96 05:37 PM
Sample : VHB/ PQ2 1:15 DILUTION
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS
Quant Time: Aug 28 18:13 1996

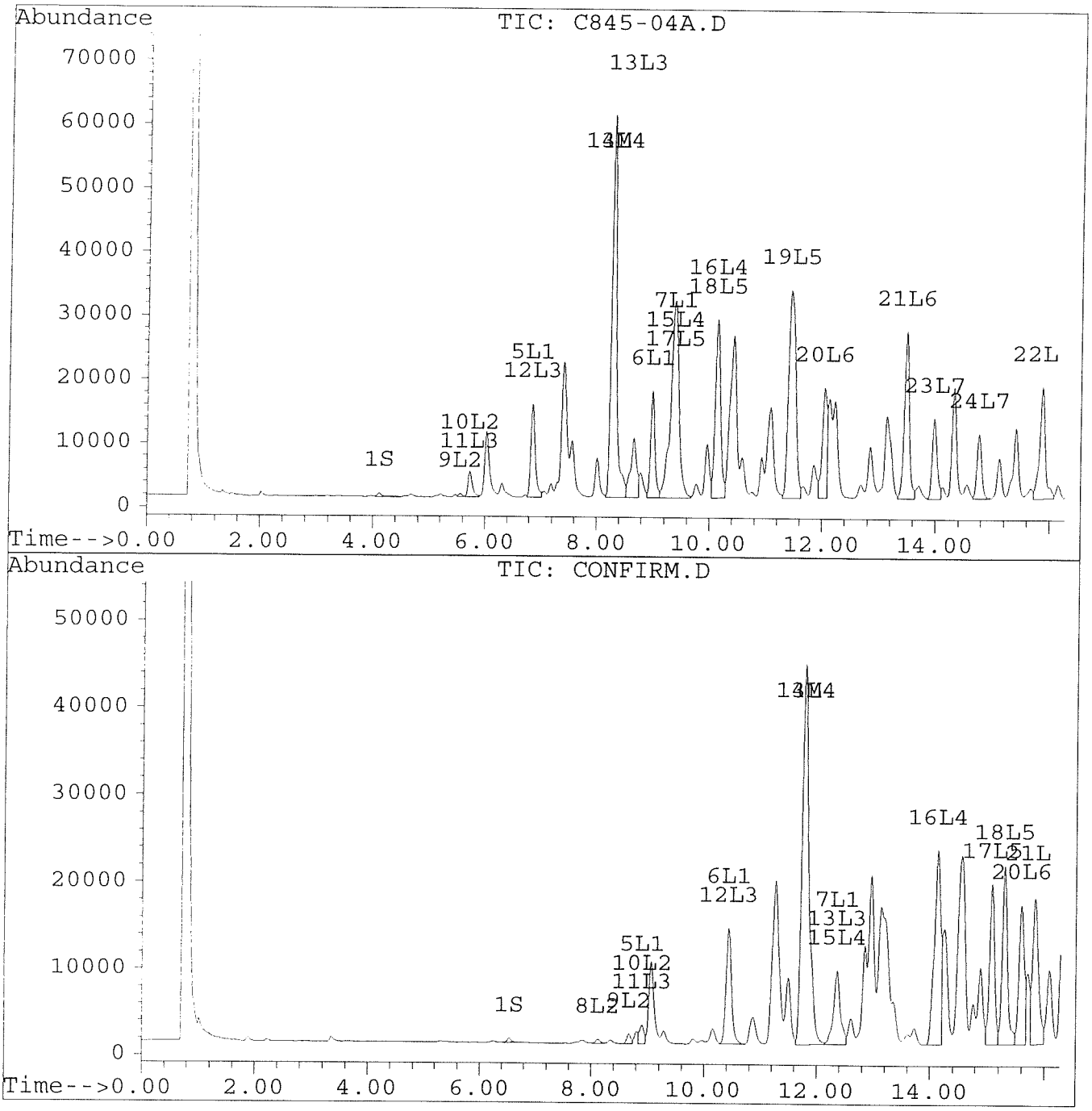
Vial: 81

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



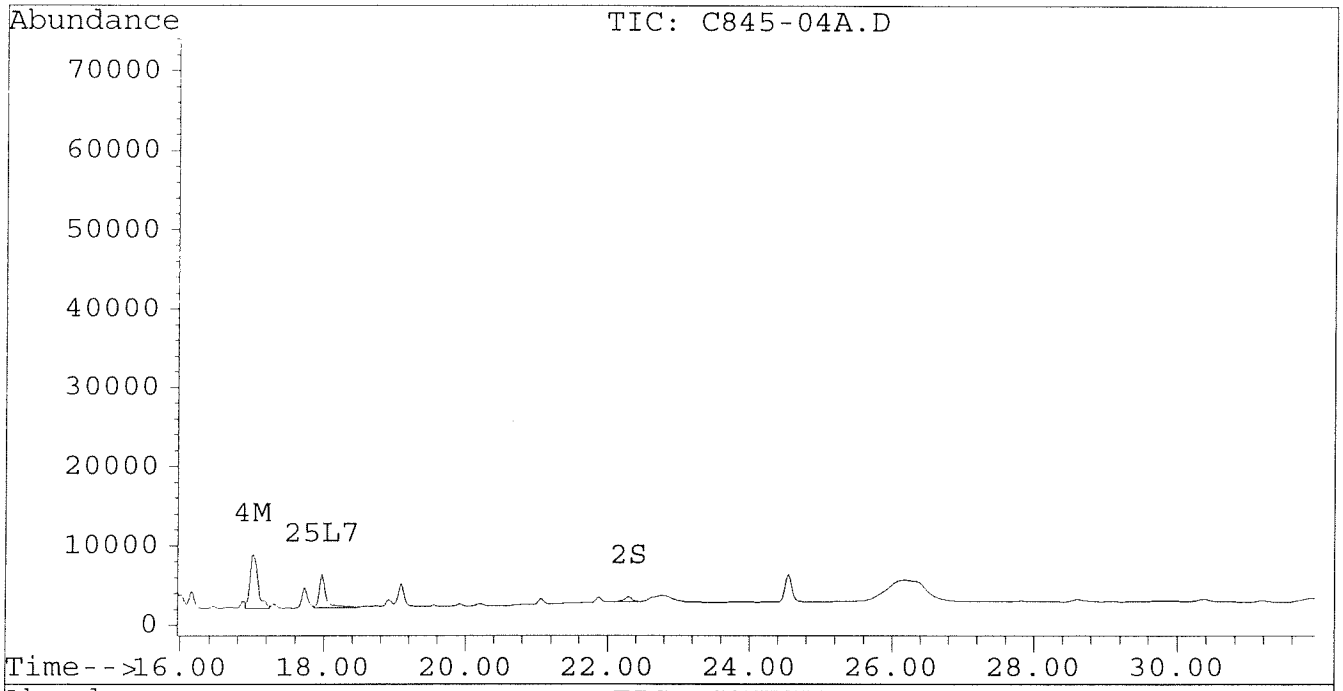
0178

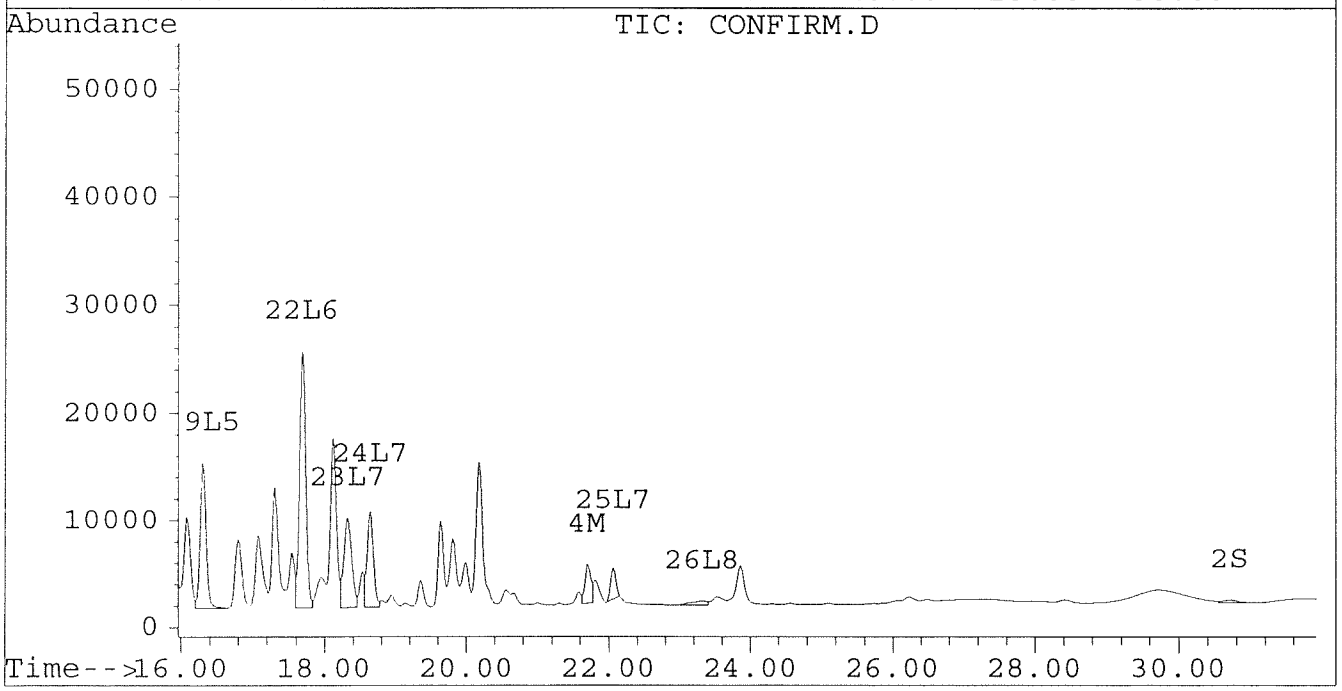
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-04A.D Vial: 81
Signal #2 : D:\HPCHEM\5\AU26A\C845-04A.D\CONFIRM.D
Acq On : 28 Aug 96 05:37 PM Operator: JS
Sample : VHB/ PQ2 1:15 DILUTION Inst : ECD1
Misc : 30.2G/10ML 95 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 18:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0179

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-05.D Vial: 24
Signal #2 : D:\HPCHEM\5\AU26A\C845-05.D\CONFIRM.D
Acq On : 27 Aug 96 07:33 AM Operator: JS
Sample : VHB/ PQ3 Inst : ECD1
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 8:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	9076	6732	0.038	0.035	
				Recovery	=	95.00%	87.50%	
2) S	Decachlorobiphenyl	22.29	30.73	8214	3880	0.039	0.044	
				Recovery	=	97.50%	110.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	117715	85424	1.075	0.892	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	27974	17245	0.150	0.110	#
5) L1	Aroclor-1016	6.85	8.90	25344	6406	0.792	0.476	#
6) L1	Aroclor-1016 {2}	8.98	10.43	37096	22334	2.115	0.800	#
7) L1	Aroclor-1016 {3}	9.37	12.36	62498	15709	2.410	0.910	#
Total	Aroclor-1016			124939	44449	5.317	2.186	
Average	Aroclor-1016					1.772	0.729	
8) L2	Aroclor-1221	5.13	8.11	1356	4664	0.194	0.763	#
9) L2	Aroclor-1221 {2}	5.55	8.67	2281	3731	0.391	0.765	#
10) L2	Aroclor-1221 {3}	5.72	8.90	11886	6406	0.588	0.417	#
Total	Aroclor-1221			15522	14801	1.173	1.945	
Average	Aroclor-1221					0.391	0.648	
11) L3	Aroclor-1232	5.72	8.90	11886	6406	0.652	0.447	#
12) L3	Aroclor-1232 {2}	6.85	10.43	25344	22334	1.857	1.859	
13) L3	Aroclor-1232 {3}	8.66	12.36	18046	15709	2.180	2.265	
Total	Aroclor-1232			55276	44449	4.689	4.571	
Average	Aroclor-1232					1.563	1.524	
14) L4	Aroclor-1242	8.27	11.78	117715	85424	2.843	2.866	
15) L4	Aroclor-1242 {2}	9.37	12.36	62498	15709	3.212	1.189	#
16) L4	Aroclor-1242 {3}	10.13	14.13	60020	46220	3.552	3.474	
Total	Aroclor-1242			240234	147353	9.608	7.529	
Average	Aroclor-1242				deleted	3.203	2.510	
17) L5	Aroclor-1248	9.37	15.08	62498	40676	1.964	1.806	
18) L5	Aroclor-1248 {2}	10.13	15.30	60020	42632	2.191	1.826	
19) L5	Aroclor-1248 {3}	11.42	16.30	75841	29174	2.180	1.634	#
Total	Aroclor-1248			198359	112482	6.335	5.266	
Average	Aroclor-1248					2.112	1.755	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0180

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-05.D Vial: 24
Signal #2 : D:\HPCHEM\5\AU26A\C845-05.D\CONFIRM.D
Acq On : 27 Aug 96 07:33 AM Operator: JS
Sample : VHB/ PQ3 Inst : ECD1
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 8:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	51915	46307	1.662	1.714
21) L6	Aroclor-1254 {2}	13.48	15.83	85340	50365	1.976	1.731
22) L6	Aroclor-1254 {3}	15.87	17.69	70883	78301	2.207	1.966
Total	Aroclor-1254			208138	174974	5.846	5.411
Average	Aroclor-1254					1.949	1.804
23) L7	Aroclor-1260	13.97	18.32	41485	29350	1.195	0.918
24) L7	Aroclor-1260 {2}	14.76	18.64	37456	34614	0.921	0.962
25) L7	Aroclor-1260 {3}	17.97	22.06	19693	13078	0.341	0.245 #
Total	Aroclor-1260			98635	77041	2.457	2.125
Average	Aroclor-1260					0.819	0.708
26) L8	Aroclor-1268	0.00	23.34f	0	19796	N.D.	4.609 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.12	0	221	N.D.	NoCal
Total	Aroclor-1268			0	19796	N.D.	4.609
Average	Aroclor-1268					0.000	4.609

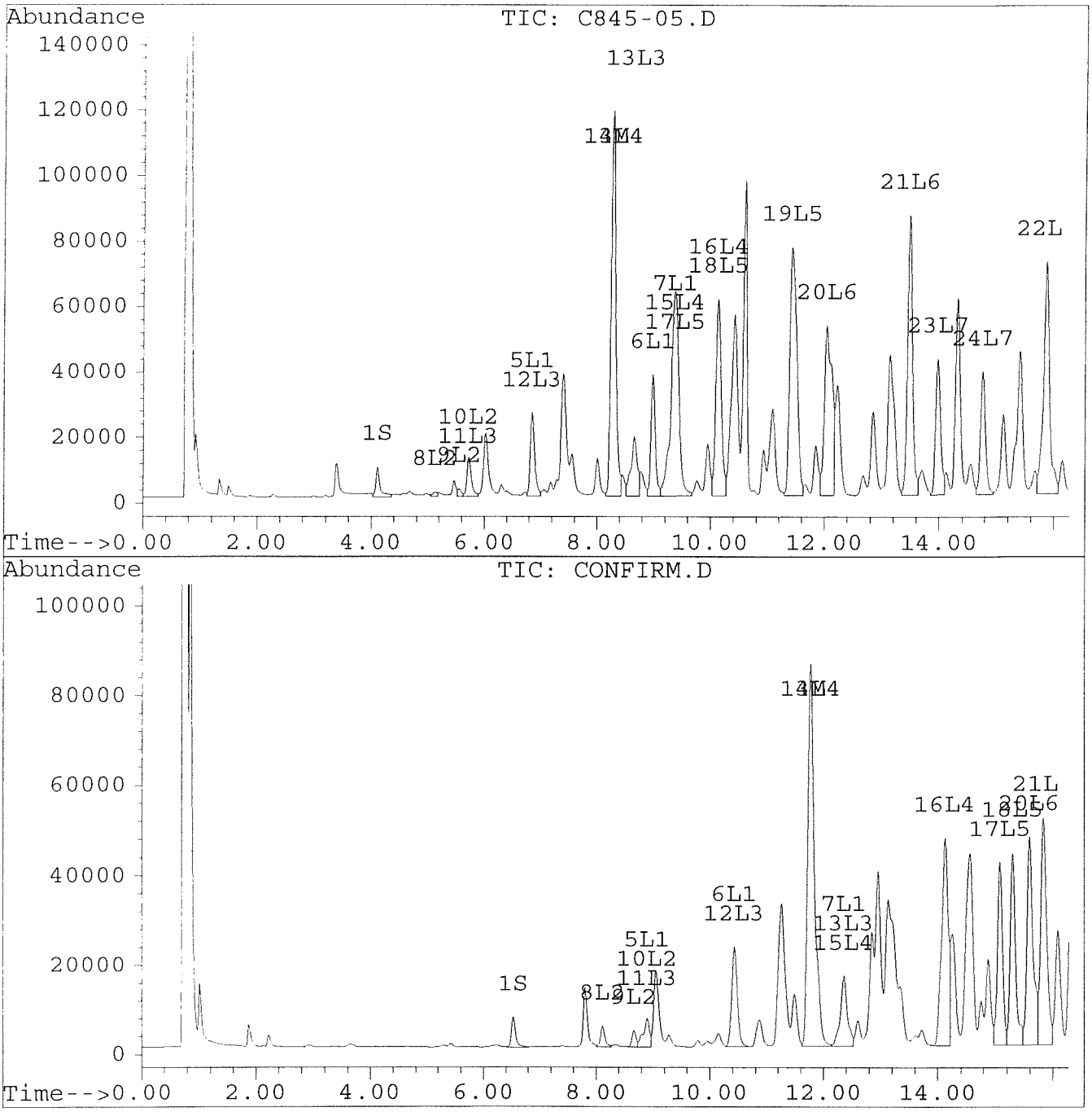
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-05.D Vial: 24
Signal #2 : D:\HPCHEM\5\AU26A\C845-05.D\CONFIRM.D
Acq On : 27 Aug 96 07:33 AM Operator: JS
Sample : VHB/ PQ3 Inst : ECD1
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 8:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0182

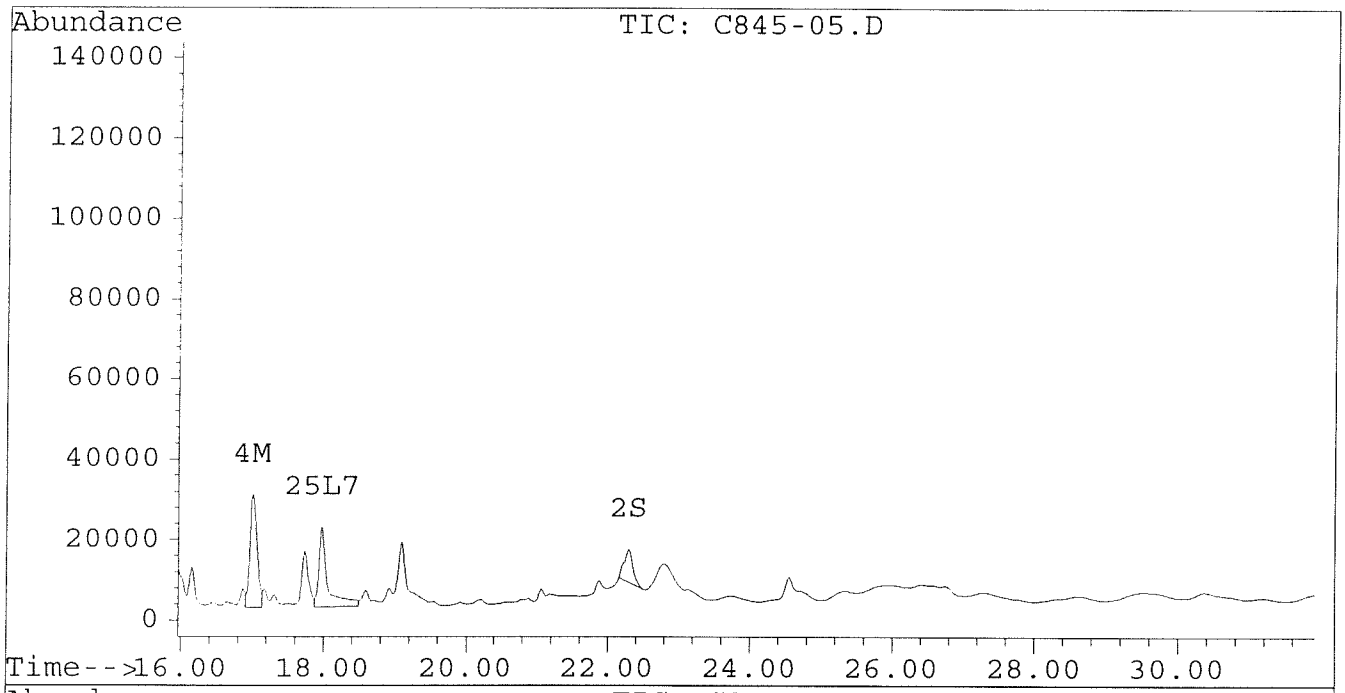
Quantitation Report

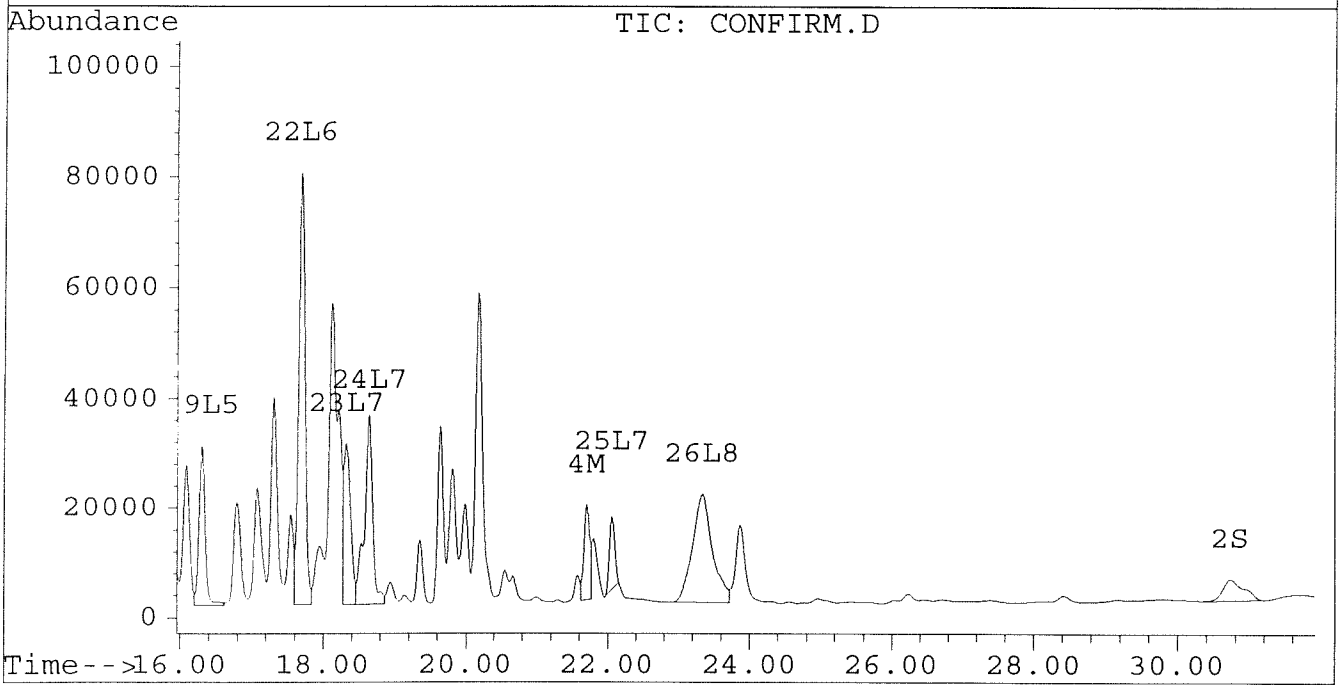
Signal #1 : D:\HPCHEM\5\AU26A\C845-05.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-05.D\CONFIRM.D
Acq On : 27 Aug 96 07:33 AM
Sample : VHB/ PQ3
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 27 8:07 1996

Vial: 24
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-05A.D Vial: 50
Signal #2 : D:\HPCHEM\5\AU29\C845-05A.D\CONFIRM.D
Acq On : 30 Aug 96 07:15 PM Operator: JS
Sample : VHB/ PQ3 1:3 DILUTION Inst : ECD1
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 19:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	2514	2015	0.011	0.011	
				Recovery	=	27.50%	27.50%	
2) S	Decachlorobiphenyl	22.29	30.72	1833	932	0.009	0.011	
				Recovery	=	22.50%	27.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	41684	30276	0.381	0.316	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	8785	5218	0.047	0.033	#
5) L1	Aroclor-1016	6.85	8.90	9285	2283	0.290	0.170	#
6) L1	Aroclor-1016 {2}	8.99	10.43	12172	8438	0.694	0.302	#
7) L1	Aroclor-1016 {3}	9.37	12.36	23710	5515	0.914	0.320	#
Total	Aroclor-1016			45167	16236	1.898	0.791	
Average	Aroclor-1016					0.633	0.264	
8) L2	Aroclor-1221	5.13	8.11	339	1447	0.048	0.237	#
9) L2	Aroclor-1221 {2}	5.55	8.67	669	1173	0.115	0.241	#
10) L2	Aroclor-1221 {3}	5.72	8.90	3945	2283	0.195	0.149	
Total	Aroclor-1221			4954	4903	0.358	0.626	
Average	Aroclor-1221					0.119	0.209	
11) L3	Aroclor-1232	5.72	8.90	3945	2283	0.216	0.159	#
12) L3	Aroclor-1232 {2}	6.85	10.43	9285	8438	0.680	0.702	
13) L3	Aroclor-1232 {3}	8.66	12.36	6132	5515	0.741	0.795	
Total	Aroclor-1232			19362	16236	1.637	1.657	
Average	Aroclor-1232					0.546	0.552	
14) L4	Aroclor-1242	8.27	11.78	41684	30276	1.007	1.016	
15) L4	Aroclor-1242 {2}	9.37	12.36	23710	5515	1.219	0.417	#
16) L4	Aroclor-1242 {3}	10.13	14.13	21712	17008	1.285	1.278	
Total	Aroclor-1242			87106	52799	3.510	2.712	
Average	Aroclor-1242					1.170	0.904	
17) L5	Aroclor-1248	9.37	15.08	23710	14208	0.745	0.631	
18) L5	Aroclor-1248 {2}	10.13	15.30	21712	14579	0.793	0.625	
19) L5	Aroclor-1248 {3}	11.43	16.31	27729	9131	0.797	0.511	#
Total	Aroclor-1248			73150	37918	2.335	1.767	
Average	Aroclor-1248					0.778	0.589	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0184

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-05A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-05A.D\CONFIRM.D
Acq On : 30 Aug 96 07:15 PM
Sample : VHB/ PQ3 1:3 DILUTION
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 30 19:49 1996

Vial: 50
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	19505	17156	0.625	0.635
21) L6	Aroclor-1254 {2}	13.48	15.83	30183	18657	0.699	0.641
22) L6	Aroclor-1254 {3}	15.87	17.69	24078	27705	0.750	0.696
Total	Aroclor-1254			73766	63518	2.073	1.972
Average	Aroclor-1254					0.691	0.657
23) L7	Aroclor-1260	13.98	18.32	14621	10600	0.421	0.332
24) L7	Aroclor-1260 {2}	14.76	18.64	13161	12195	0.324	0.339
25) L7	Aroclor-1260 {3}	17.97	22.06	5594	3943	0.097	0.074
Total	Aroclor-1260			33376	26738	0.842	0.744
Average	Aroclor-1260					0.281	0.248
26) L8	Aroclor-1268	0.00	23.34f	0	303	N.D.	0.071 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	303	N.D.	0.071
Average	Aroclor-1268					0.000	0.071

$$AR\ 1242 = \frac{2.226 \times 10mL \times 1.5 \times 3}{30.2 \times 0.92} = 3,600\ D$$

(DF)

$$AR\ 1254 = \frac{1.449 \times 10mL \times 1.5 \times 3}{30.2 \times 0.92} = 2,300\ D$$

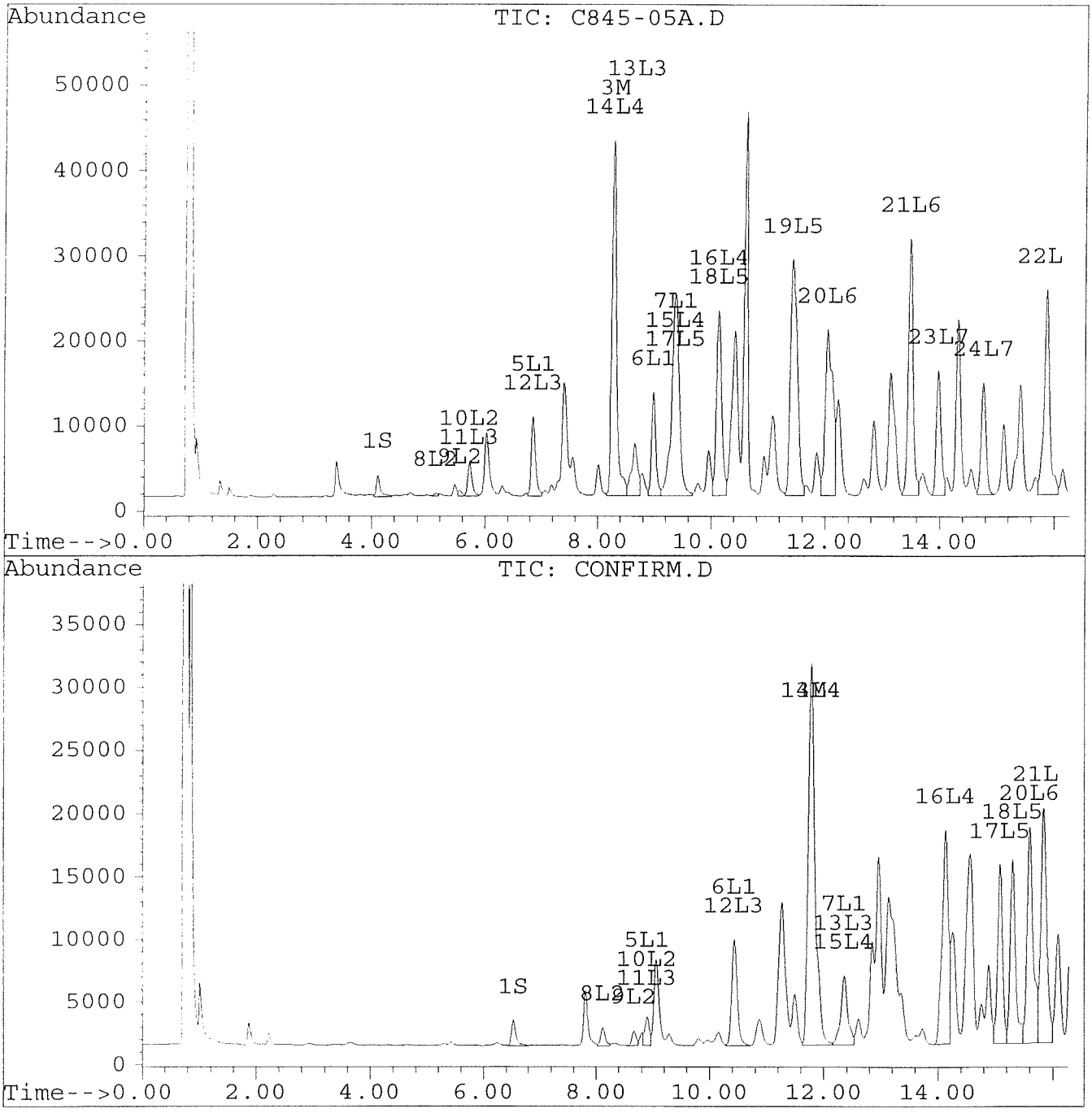
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-05A.D Vial: 50
Signal #2 : D:\HPCHEM\5\AU29\C845-05A.D\CONFIRM.D
Acq On : 30 Aug 96 07:15 PM Operator: JS
Sample : VHB/ PQ3 1:3 DILUTION Inst : ECD1
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 19:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0186

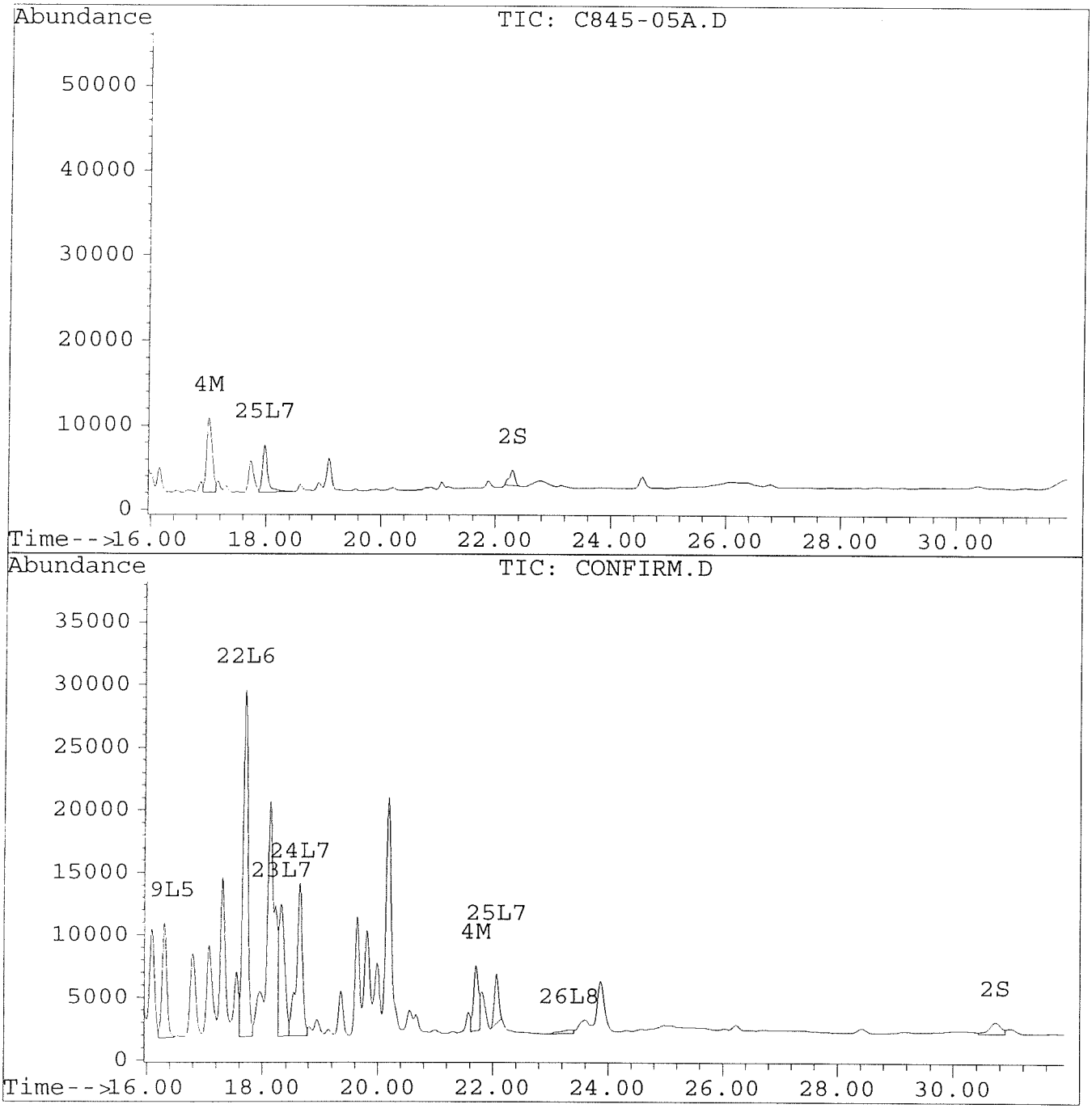
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-05A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-05A.D\CONFIRM.D
Acq On : 30 Aug 96 07:15 PM
Sample : VHB/ PQ3 1:3 DILUTION
Misc : 30.2G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 30 19:49 1996

Vial: 50
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0187

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-06.D Vial: 25
Signal #2 : D:\HPCHEM\5\AU26A\C845-06.D\CONFIRM.D
Acq On : 27 Aug 96 08:20 AM Operator: JS
Sample : VHB/ PR1 Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 8:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.12	6.51	7355	6542	0.031	0.034	
					Recovery	=	77.50%	85.00%	
2)	S	Decachlorobiphenyl	22.30	30.71	10289	3904	0.049	0.044	
					Recovery	=	122.50%	110.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.28	11.77	810335	566809	7.399	5.918	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	144714	104257	0.774	0.664	
5)	L1	Aroclor-1016	6.86	8.88	137613	26991	4.298	2.006	#
6)	L1	Aroclor-1016 {2}	9.00	10.42	231035	122769	13.172	4.397	#
7)	L1	Aroclor-1016 {3}	9.38	12.34	381129	108048	14.699	6.261	#
		Total Aroclor-1016			749778	257807	32.169	12.664	
		Average Aroclor-1016					10.723	4.221	
8)	L2	Aroclor-1221	5.15	8.10	3351	5690	0.478	0.931	#
9)	L2	Aroclor-1221 {2}	5.57	8.65	7339	13787	1.258	2.827	#
10)	L2	Aroclor-1221 {3}	5.74	8.88	58062	26991	2.873	1.758	#
		Total Aroclor-1221			68752	46468	4.610	5.515	
		Average Aroclor-1221					1.537	1.838	
11)	L3	Aroclor-1232	5.74	8.88	58062	26991	3.183	1.883	#
12)	L3	Aroclor-1232 {2}	6.86	10.42	137613	122769	10.083	10.219	
13)	L3	Aroclor-1232 {3}	8.67	12.34	112466	108048	13.587	15.582	
		Total Aroclor-1232			308141	257807	26.853	27.684	
		Average Aroclor-1232					8.951	9.228	
14)	L4	Aroclor-1242	8.28	11.77	810335	566809	19.570	19.019	
15)	L4	Aroclor-1242 {2}	9.38	12.34	381129	108048	19.590	8.176	#
16)	L4	Aroclor-1242 {3}	10.14	14.12	376589	300089	22.289	22.555	
		Total Aroclor-1242			1568053	974946	61.450	49.749	
		Average Aroclor-1242					20.483	16.583	
17)	L5	Aroclor-1248	9.38	15.07	381129	281166	11.975	12.481	
18)	L5	Aroclor-1248 {2}	10.14	15.29	376589	295976	13.749	12.679	
19)	L5	Aroclor-1248 {3}	11.44	16.30	468003	226084	13.450	12.662	
		Total Aroclor-1248			1225721	803225	39.174	37.822	
		Average Aroclor-1248					13.058	12.607	

to be deleted

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0188

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-06.D Vial: 25
Signal #2 : D:\HPCHEM\5\AU26A\C845-06.D\CONFIRM.D
Acq On : 27 Aug 96 08:20 AM Operator: JS
Sample : VHB/ PR1 Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 8:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

to be diluted

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.05	15.58	270205	249322	8.652	9.229
21) L6	Aroclor-1254 {2}	13.49	15.82	450231	262525	10.426	9.023
22) L6	Aroclor-1254 {3}	15.87	17.68	356449	427064	11.099	10.723
Total	Aroclor-1254			1076885	938910	30.176	28.974
Average	Aroclor-1254					10.059	9.658
23) L7	Aroclor-1260	13.98	18.31	216452	152314	6.237	4.764
24) L7	Aroclor-1260 {2}	14.76	18.63	187085	173353	4.601	4.819
25) L7	Aroclor-1260 {3}	17.97	22.06	102997	77134	1.782	1.443
Total	Aroclor-1260			506534	402800	12.621	11.026
Average	Aroclor-1260					4.207	3.675
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0159

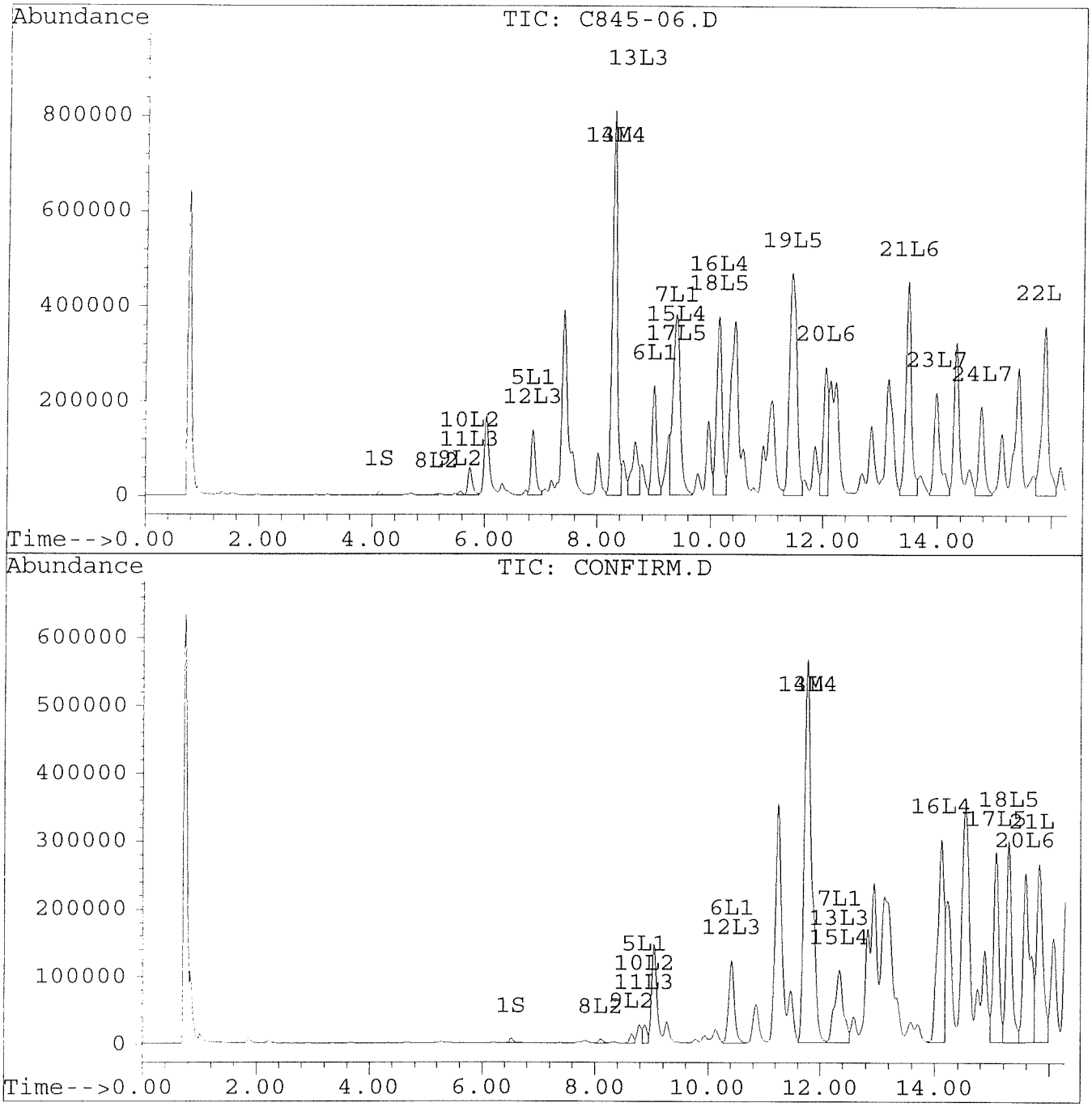
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-06.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-06.D\CONFIRM.D
Acq On : 27 Aug 96 08:20 AM
Sample : VHB/ PR1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 27 8:54 1996

Vial: 25
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



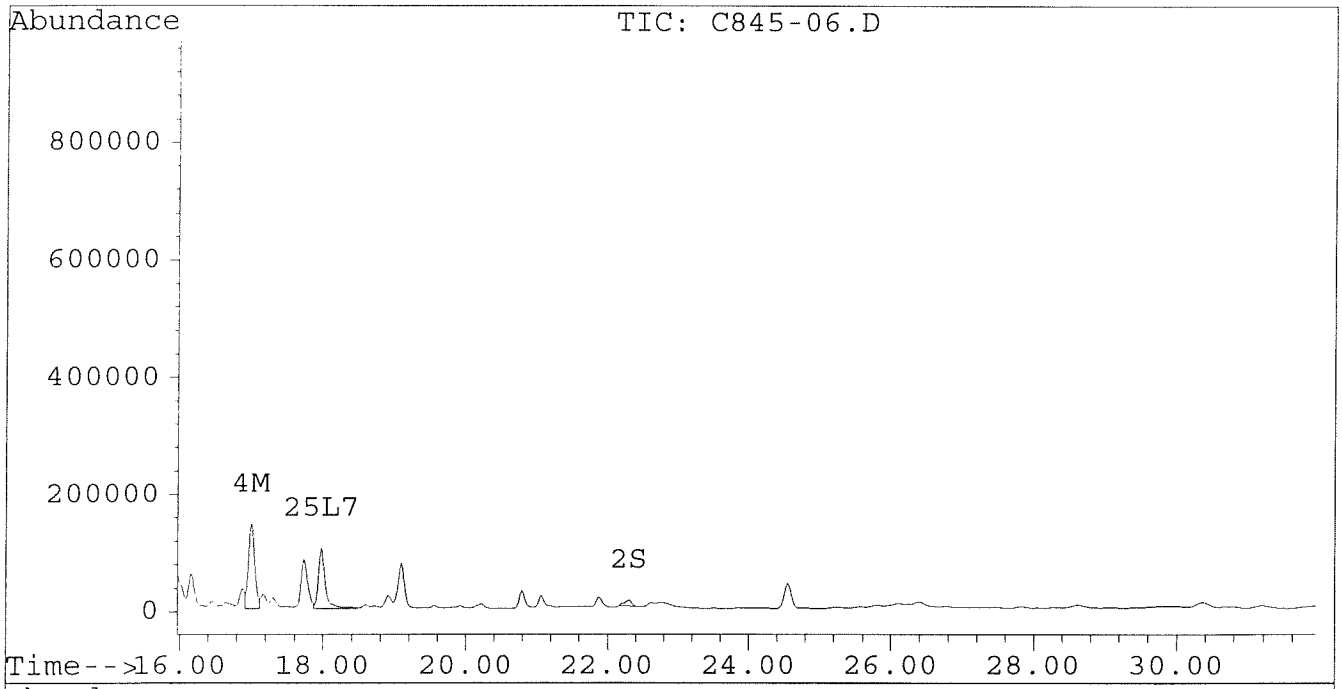
0190

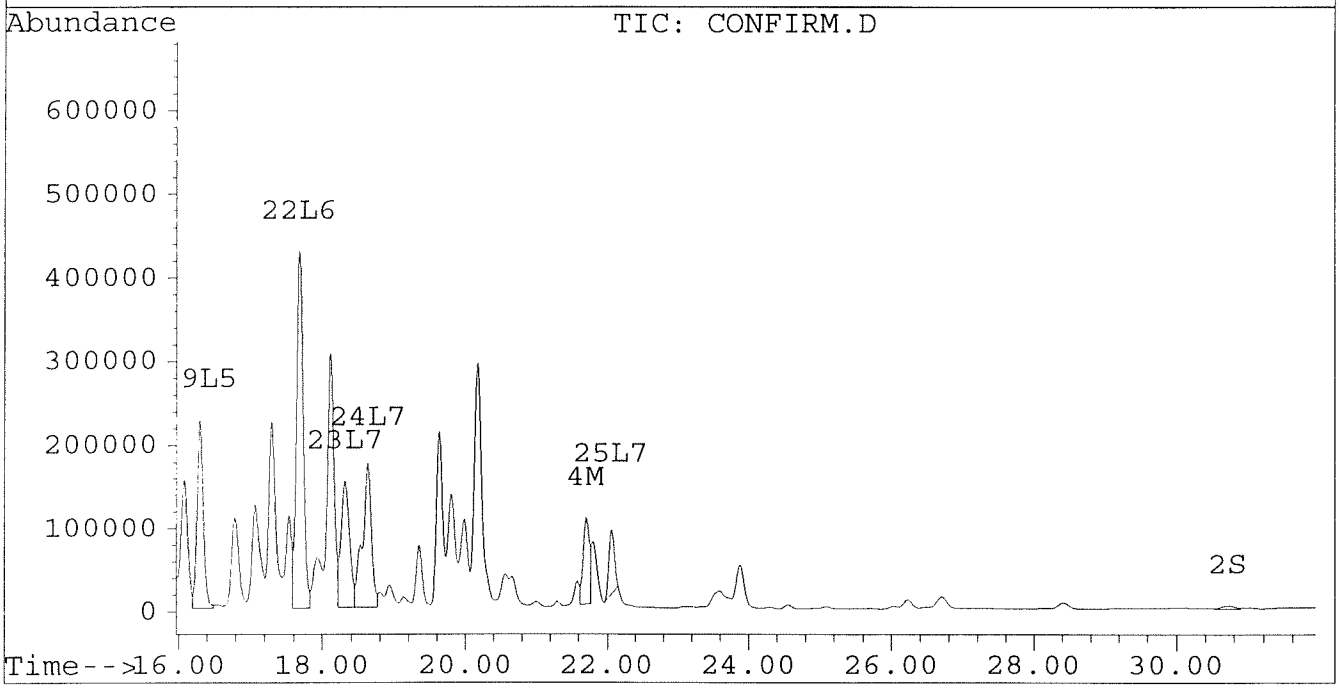
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-06.D Vial: 25
Signal #2 : D:\HPCHEM\5\AU26A\C845-06.D\CONFIRM.D
Acq On : 27 Aug 96 08:20 AM Operator: JS
Sample : VHB/ PR1 Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 8:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0191

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-06A.D Vial: 69
Signal #2 : D:\HPCHEM\5\AU26A\C845-06A.D\CONFIRM.D
Acq On : 28 Aug 96 10:29 AM Operator: JS
Sample : VHB/ PR1 1:20 DILUTION Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	342	298	0.001	0.002	
					Recovery	=	2.50%	5.00%	
2)	S	Decachlorobiphenyl	22.30	30.73	488	187	0.002	0.002	
					Recovery	=	5.00%	5.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.28	11.78	58434	39886	0.534	0.416	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	7632	4712	0.041	0.030	#
5)	L1	Aroclor-1016	6.85	8.90	10517	1815	0.328	0.135	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	15116	9413	0.862	0.337	#
7)	L1	Aroclor-1016 {3}	9.37	12.35	30094	7576	1.161	0.439	#
	Total	Aroclor-1016			55726	18804	2.351	0.911	
	Average	Aroclor-1016					0.784	0.304	
8)	L2	Aroclor-1221	5.14	8.12	180	283	0.026	0.046	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	436	672	0.075	0.138	#
10)	L2	Aroclor-1221 {3}	5.73	8.90	3977	1815	0.197	0.118	#
	Total	Aroclor-1221			4593	2770	0.297	0.302	
	Average	Aroclor-1221					0.099	0.101	
11)	L3	Aroclor-1232	5.73	8.90	3977	1815	0.218	0.127	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	10517	9413	0.771	0.784	
13)	L3	Aroclor-1232 {3}	8.66	12.35	7752	7576	0.937	1.093	
	Total	Aroclor-1232			22246	18804	1.925	2.003	
	Average	Aroclor-1232					0.642	0.668	
14)	L4	Aroclor-1242	8.28	11.78	58434	39886	1.411	1.338	
15)	L4	Aroclor-1242 {2}	9.37	12.35	30094	7576	1.547	0.573	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	27872	21292	1.650	1.600	
	Total	Aroclor-1242			116400	68755	4.608	3.512	
	Average	Aroclor-1242					1.536	1.171	
17)	L5	Aroclor-1248	9.37	15.08	30094	18714	0.946	0.831	
18)	L5	Aroclor-1248 {2}	10.13	15.30	27872	19434	1.018	0.833	
19)	L5	Aroclor-1248 {3}	11.43	16.31	34351	12204	0.987	0.683	#
	Total	Aroclor-1248			92317	50352	2.950	2.347	
	Average	Aroclor-1248					0.983	0.782	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0192

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-06A.D Vial: 69
Signal #2 : D:\HPCHEM\5\AU26A\C845-06A.D\CONFIRM.D
Acq On : 28 Aug 96 10:29 AM Operator: JS
Sample : VHB/ PR1 1:20 DILUTION Inst : ECD1
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 11:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6 Aroclor-1254	12.04	15.59	20163	17214	0.646	0.637	
21) L6 Aroclor-1254 {2}	13.48	15.83	31364	18468	0.726	0.635	
22) L6 Aroclor-1254 {3}	15.88	17.69	22551	27355	0.702	0.687	
Total Aroclor-1254			74079	63037	2.074	1.959	
Average Aroclor-1254					0.691	0.653	
23) L7 Aroclor-1260	13.98	18.32	14757	9733	0.425	0.304	#
24) L7 Aroclor-1260 {2}	14.76	18.64	12676	10769	0.312	0.299	
25) L7 Aroclor-1260 {3}	17.97	22.06	5213	3536	0.090	0.066	#
Total Aroclor-1260			32646	24037	0.827	0.670	
Average Aroclor-1260					0.276	0.223	
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8 Aroclor-1268 {3}	0.00	28.09	0	87	N.D.	NoCal	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

$$AR1242 = \frac{2.958 \times 10\,ml \times 1.5 \times 20}{30.2 \times 0.88}\ (DF) = 33{,}000\ D$$

$$AR1254 = \frac{1.428 \times 10\,mL \times 1.5 \times 20}{30.2 \times 0.88} = 16{,}000\ D$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0193

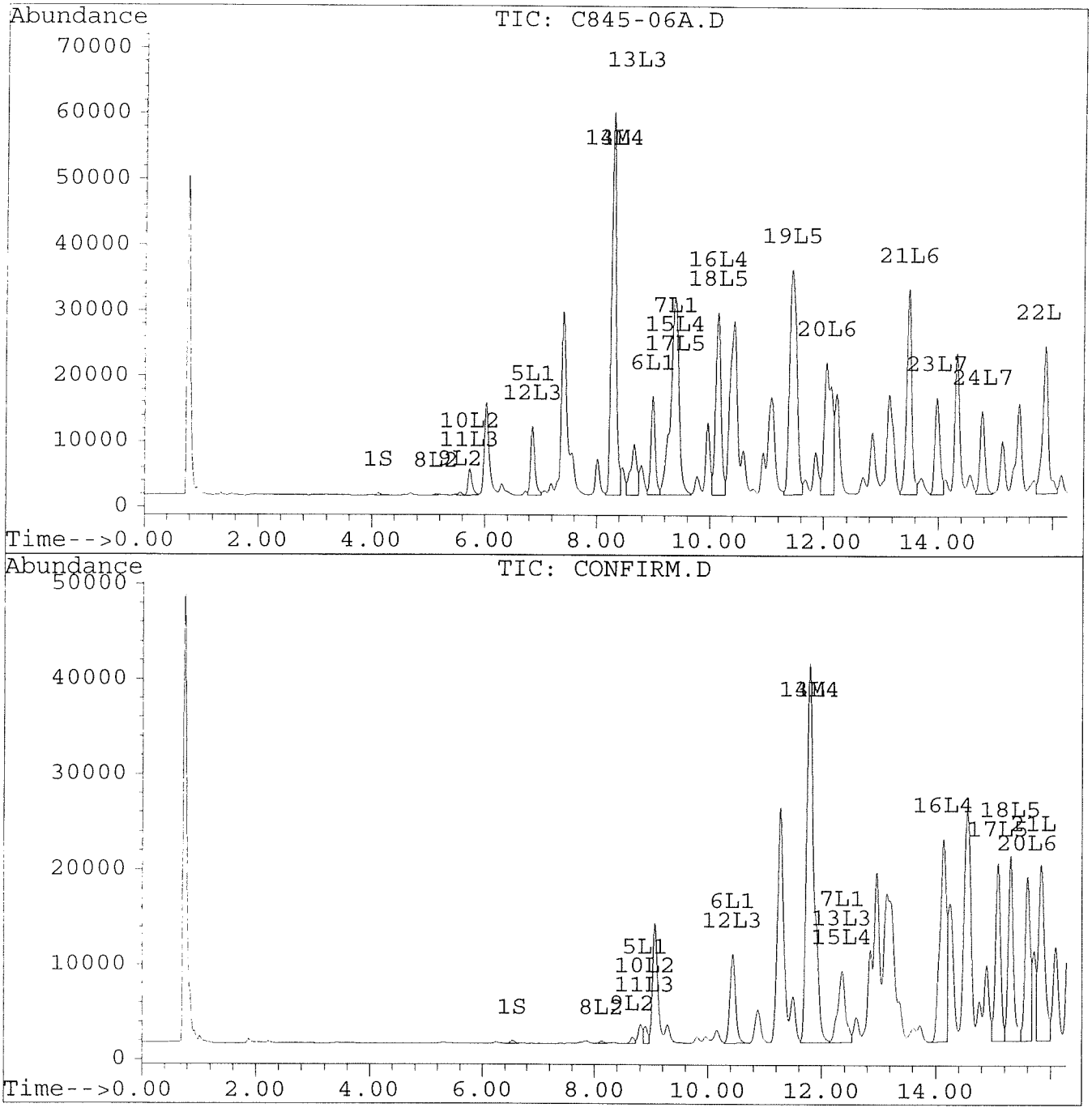
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-06A.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-06A.D\CONFIRM.D
Acq On : 28 Aug 96 10:29 AM
Sample : VHB/ PR1 1:20 DILUTION
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 28 11:02 1996

Vial: 69
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0194

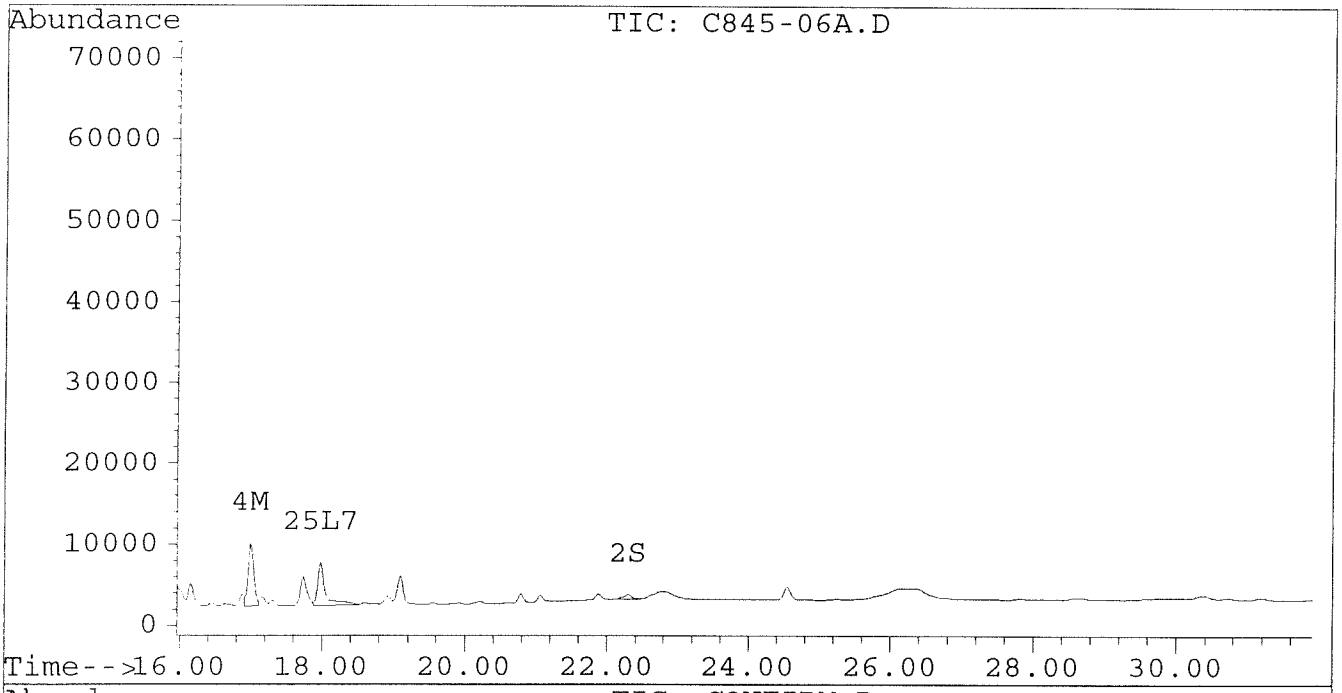
Quantitation Report

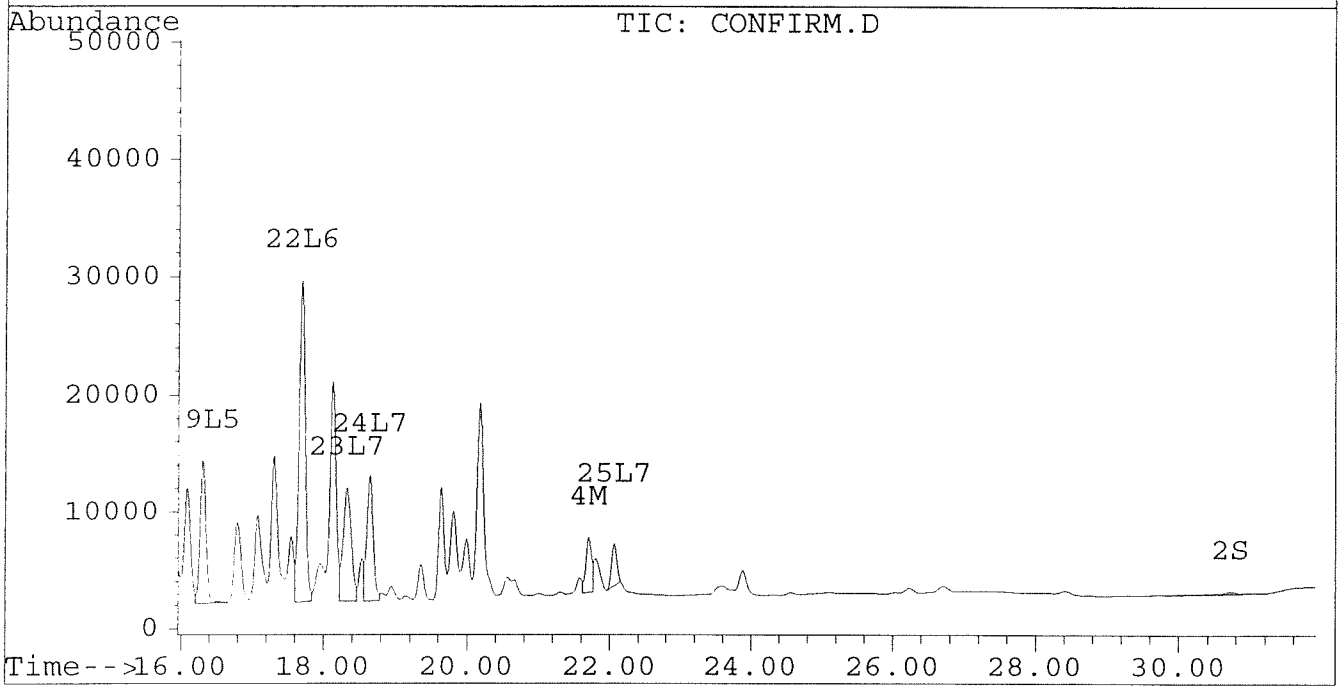
Signal #1 : D:\HPCHEM\5\AU26A\C845-06A.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-06A.D\CONFIRM.D
Acq On : 28 Aug 96 10:29 AM
Sample : VHB/ PR1 1:20 DILUTION
Misc : 30.2G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 28 11:02 1996

Vial: 69
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0195

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-07A.D Vial: 70
Signal #2 : D:\HPCHEM\5\AU26A\C845-07A.D\CONFIRM.D
Acq On : 28 Aug 96 11:04 AM Operator: JS
Sample : VHB/ PR2 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 11:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	264	303	0.001	0.002	#
					Recovery	=	2.50%	5.00%	
2)	S	Decachlorobiphenyl	22.30	30.74	508	158	0.002	0.002	#
					Recovery	=	5.00%	5.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.28	11.78	74749	53265	0.682	0.556	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	7941	4977	0.042	0.032	#
5)	L1	Aroclor-1016	6.85	8.90	18254	3181	0.570	0.236	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	20969	16514	1.195	0.591	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	36351	10871	1.402	0.630	#
		Total Aroclor-1016			75573	30565	3.168	1.458	
		Average Aroclor-1016					1.056	0.486	
8)	L2	Aroclor-1221	5.14	8.12	311	472	0.044	0.077	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	707	1524	0.121	0.312	#
10)	L2	Aroclor-1221 {3}	5.73	8.90	6217	3181	0.308	0.207	#
		Total Aroclor-1221			7235	5176	0.473	0.597	
		Average Aroclor-1221					0.158	0.199	
11)	L3	Aroclor-1232	5.73	8.90	6217	3181	0.341	0.222	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	18254	16514	1.338	1.375	
13)	L3	Aroclor-1232 {3}	8.66	12.36	11781	10871	1.423	1.568	
		Total Aroclor-1232			36253	30565	3.102	3.164	
		Average Aroclor-1232					1.034	1.055	
14)	L4	Aroclor-1242	8.28	11.78	74749	53265	1.805	1.787	
15)	L4	Aroclor-1242 {2}	9.38	12.36	36351	10871	1.868	0.823	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	33230	26127	1.967	1.964	
		Total Aroclor-1242			144329	90263	5.641	4.574	
		Average Aroclor-1242					1.880	1.525	
17)	L5	Aroclor-1248	9.38	15.08	36351	23528	1.142	1.044	
18)	L5	Aroclor-1248 {2}	10.13	15.30	33230	24118	1.213	1.033	
19)	L5	Aroclor-1248 {3}	11.44	16.31	41021	16593	1.179	0.929	
		Total Aroclor-1248			110602	64239	3.534	3.007	
		Average Aroclor-1248					1.178	1.002	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0196

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-07A.D Vial: 70
Signal #2 : D:\HPCHEM\5\AU26A\C845-07A.D\CONFIRM.D
Acq On : 28 Aug 96 11:04 AM Operator: JS
Sample : VHB/ PR2 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 11:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	22827	20616	0.731	0.763
21) L6	Aroclor-1254 {2}	13.49	15.83	34923	21955	0.809	0.755
22) L6	Aroclor-1254 {3}	15.88	17.69	23821	31562	0.742	0.792
Total	Aroclor-1254			81571	74133	2.281	2.310
Average	Aroclor-1254					0.760	0.770
23) L7	Aroclor-1260	13.98	18.33	16415	10781	0.473	0.337 #
24) L7	Aroclor-1260 {2}	14.77	18.64	13367	11703	0.329	0.325
25) L7	Aroclor-1260 {3}	17.97	22.06	5349	3592	0.093	0.067 #
Total	Aroclor-1260			35131	26076	0.894	0.730
Average	Aroclor-1260					0.298	0.243
26) L8	Aroclor-1268	0.00	23.34f	0	460	N.D.	0.107 #
27) L8	Aroclor-1268 {2}	0.00	23.54	0	862	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	460	N.D.	0.107
Average	Aroclor-1268					0.000	0.107

AR1254

$$\frac{1.551 \times 10}{0.0301 \times .9 \times .666} \times 25 = 21,491$$

21 000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0197

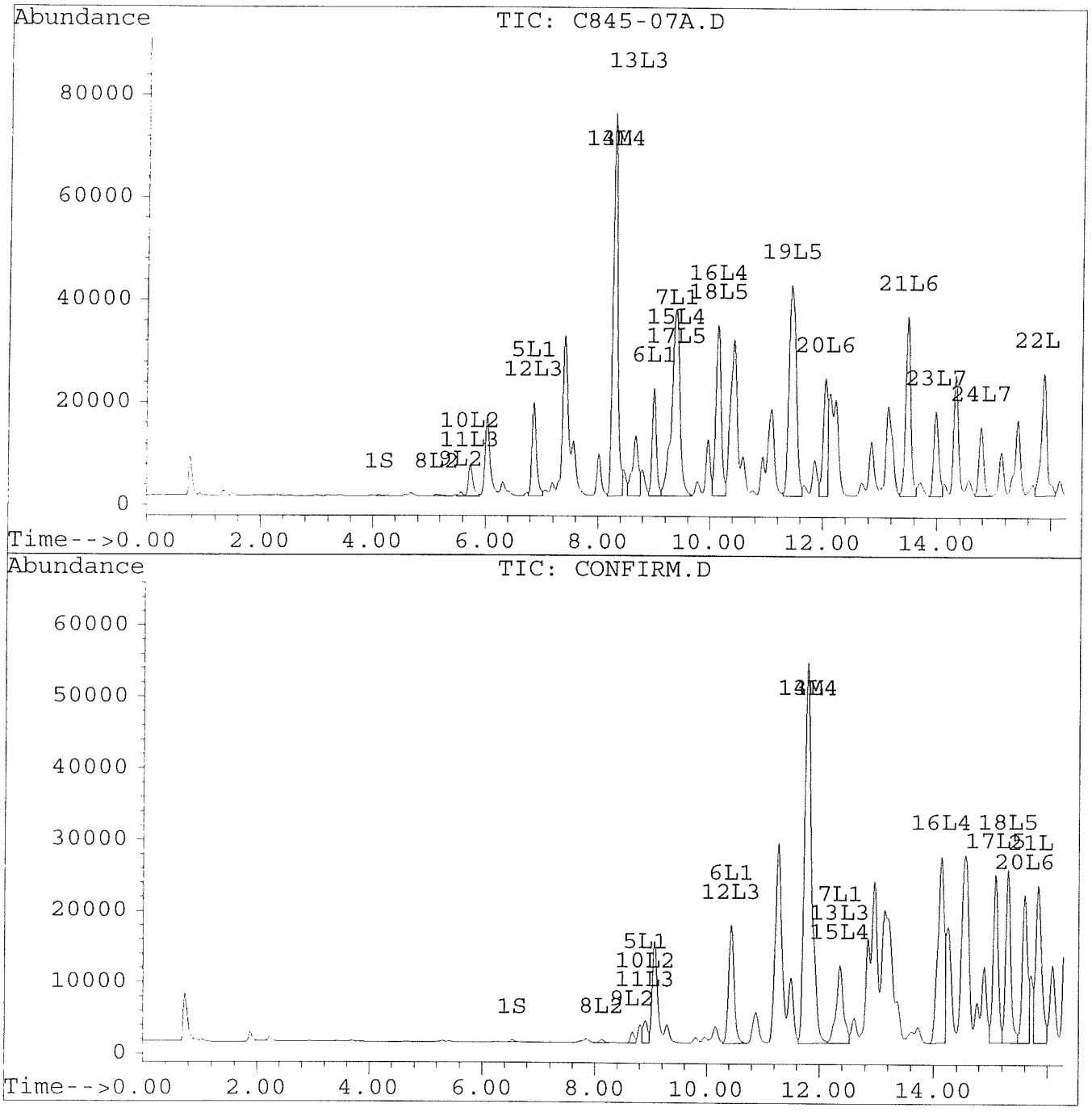
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-07A.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-07A.D\CONFIRM.D
Acq On : 28 Aug 96 11:04 AM
Sample : VHB/ PR2 1:25 DILUTION
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Aug 28 11:38 1996

Vial: 70
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



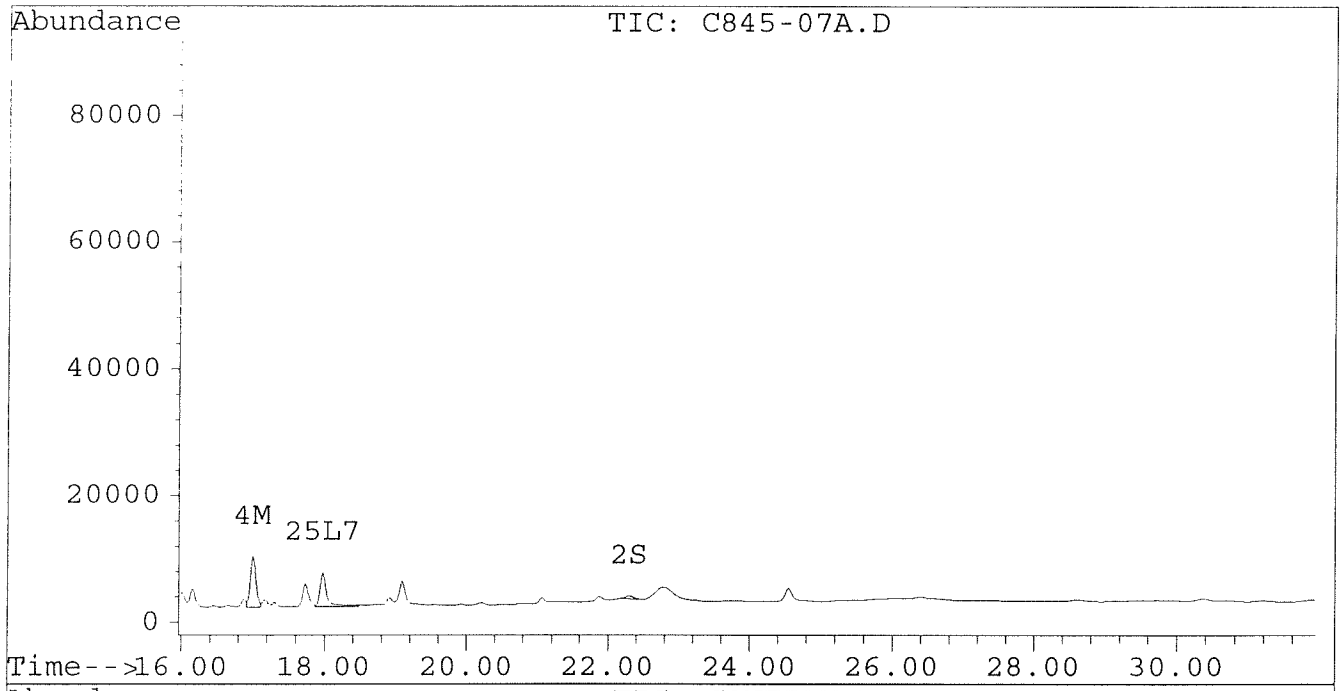
0198

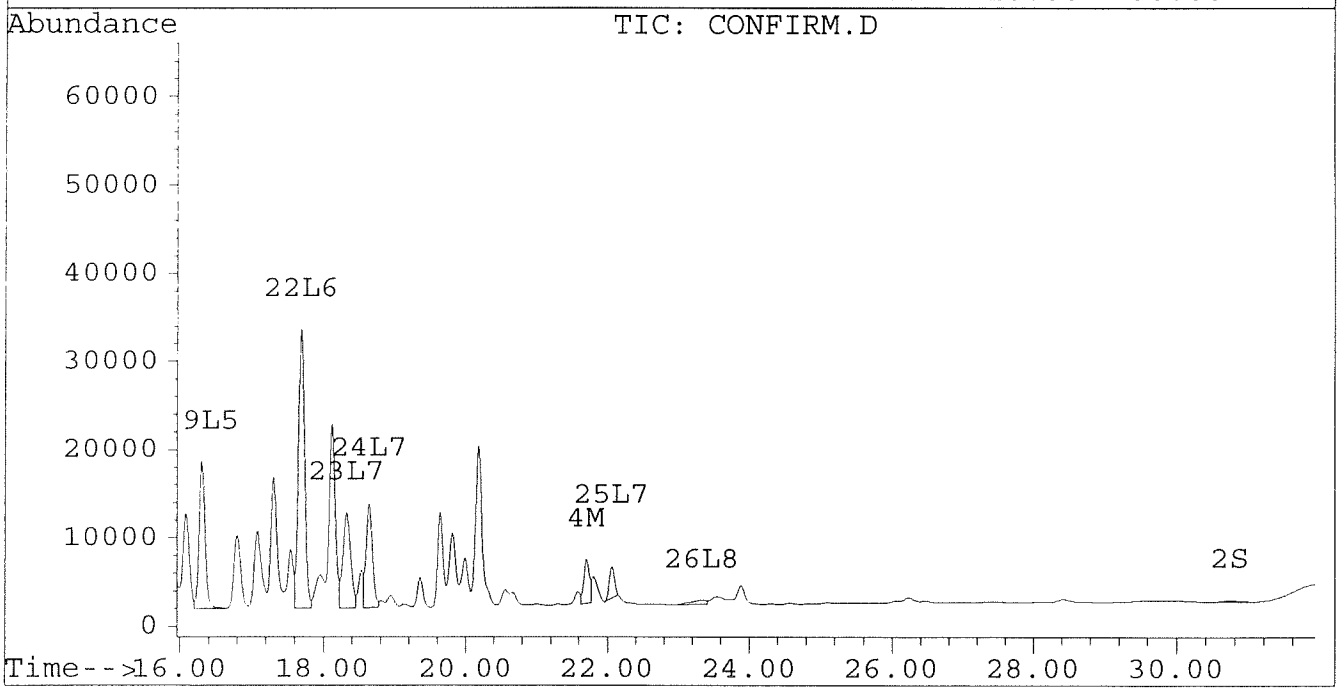
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-07A.D Vial: 70
Signal #2 : D:\HPCHEM\5\AU26A\C845-07A.D\CONFIRM.D
Acq On : 28 Aug 96 11:04 AM Operator: JS
Sample : VHB/ PR2 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 11:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0139

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-07D.D Vial: 42
Signal #2 : D:\HPCHEM\5\SE3\C845-07D.D\CONFIRM.D
Acq On : 04 Sep 96 05:51 PM Operator: JS
Sample : VHB / PR2 1:50 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID Multiplr: 1.00
Quant Time: Sep 4 18:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	121	155	0.001	0.001 #
				Recovery	=	2.50%	2.50%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	38272	26443	0.349	0.276
4) M	2,2',3,3',4,4'-Hexa	16.91	21.60	3895	2493	0.021	0.016
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.71f	0.00	2562	0	0.310	N.D. #
Total	Aroclor-1232			2562	0	0.310	N.D.
Average	Aroclor-1232					0.310	0.000
14) L4	Aroclor-1242	8.20	11.69	38272	26443	0.924	0.887
15) L4	Aroclor-1242 {2}	9.29	12.27	19251	5410	0.990	0.409 #
16) L4	Aroclor-1242 {3}	10.05	14.04	17055	13364	1.009	1.004
Total	Aroclor-1242			74579	45217	2.923	2.301
Average	Aroclor-1242					0.974	0.767
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-07D.D Vial: 42
Signal #2 : D:\HPCHEM\5\SE3\C845-07D.D\CONFIRM.D
Acq On : 04 Sep 96 05:51 PM Operator: JS
Sample : VHB / PR2 1:50 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID Multiplr: 1.00
Quant Time: Sep 4 18:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	11936	10861	0.382	0.402
21) L6	Aroclor-1254 {2}	13.39	15.74	17533	11599	0.406	0.399
22) L6	Aroclor-1254 {3}	15.78	17.59	11737	16087	0.365	0.404
Total	Aroclor-1254			41206	38548	1.154	1.205
Average	Aroclor-1254					0.385	0.402
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.82f	0.00	564	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.99	0.00	1762	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.78f	0.00	304	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1248

$\frac{1.914 \times 10}{0.801 \times .9 \times .666} \times 50 = 53043$

53000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0201

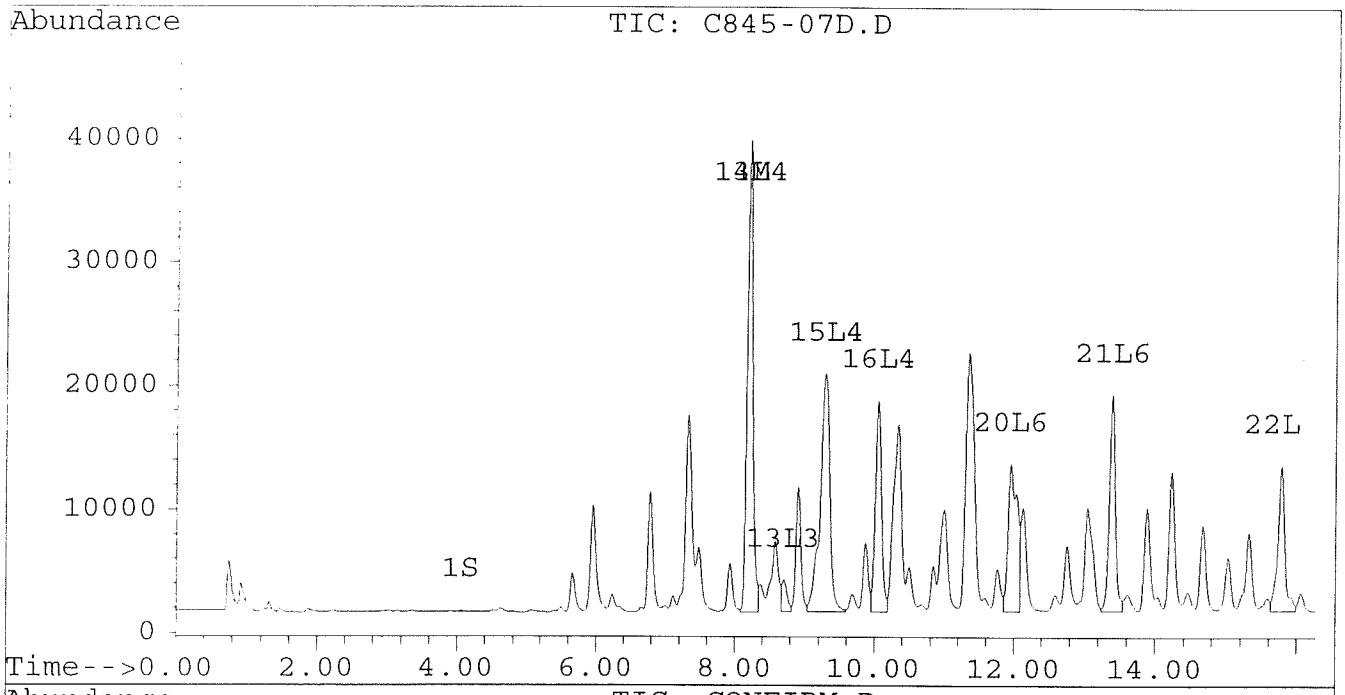
Quantitation Report

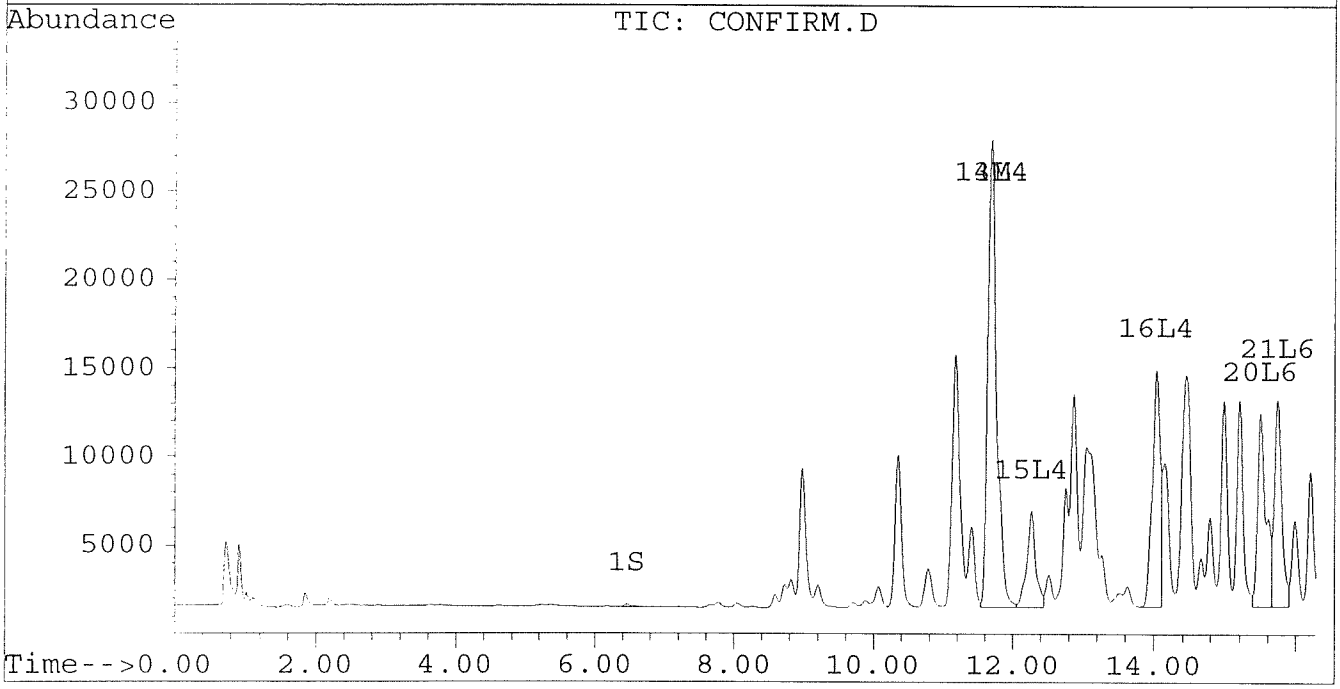
Signal #1 : D:\HPCHEM\5\SE3\C845-07D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-07D.D\CONFIRM.D
Acq On : 04 Sep 96 05:51 PM
Sample : VHB / PR2 1:50 DILUTION
Misc : 30.1G/10ML 90% SOLID
Quant Time: Sep 4 18:24 1996

Vial: 42
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



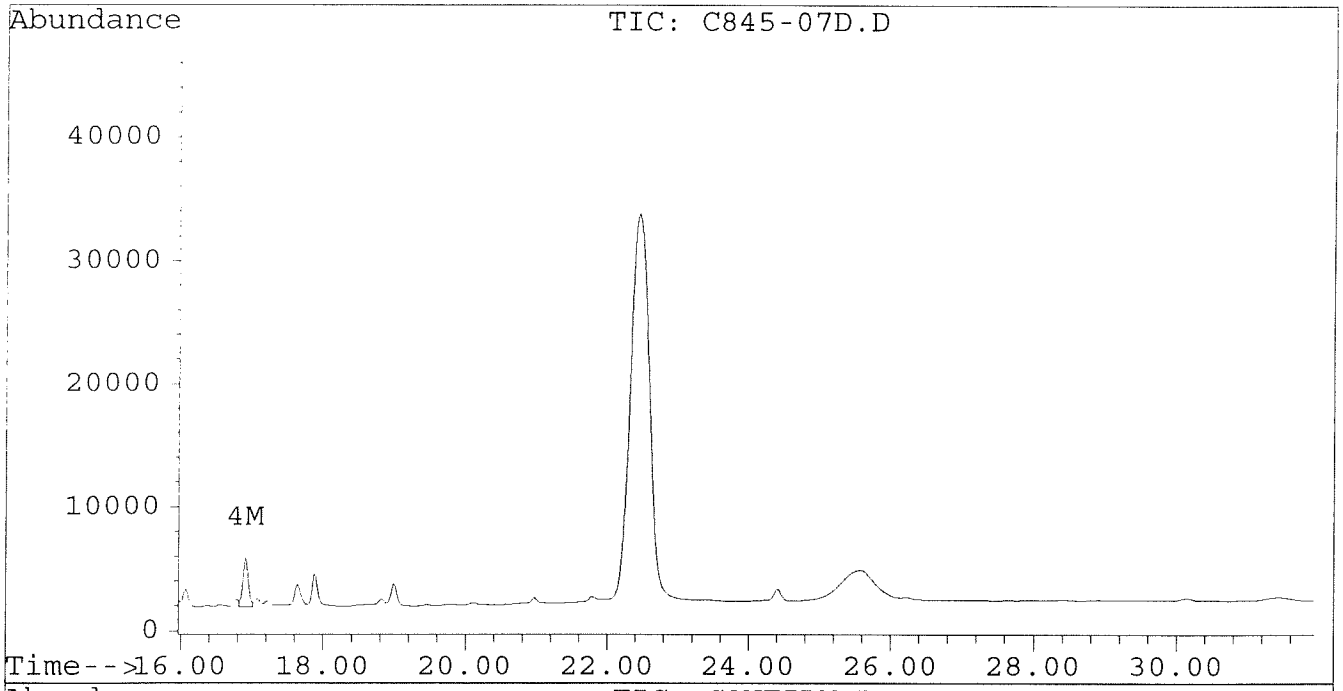


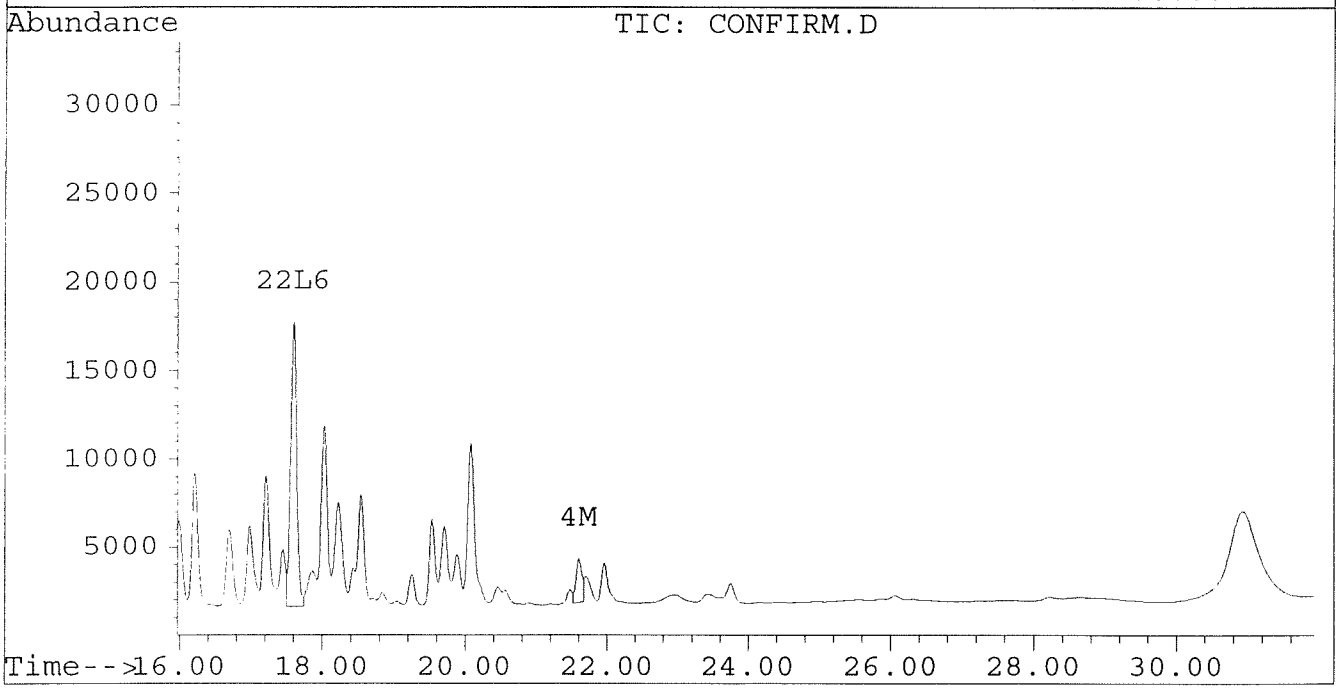
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-07D.D Vial: 42
Signal #2 : D:\HPCHEM\5\SE3\C845-07D.D\CONFIRM.D
Acq On : 04 Sep 96 05:51 PM Operator: JS
Sample : VHB / PR2 1:50 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID Multiplr: 1.00
Quant Time: Sep 4 18:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-08.D Vial: 27
Signal #2 : D:\HPCHEM\5\AU26A\C845-08.D\CONFIRM.D
Acq On : 27 Aug 96 09:31 AM Operator: JS
Sample : VHB/ PR3 Inst : ECD1
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 10:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	7541	6242	0.032	0.033
				Recovery	=	80.00%	82.50%
2) S	Decachlorobiphenyl	0.00	30.74	0	4860	N.D.	0.055 #
				Recovery	=	0.00%	137.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.27	11.78	296562	208491	2.708	2.177
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	41189	26222	0.220	0.167
5) L1	Aroclor-1016	6.85	8.89	55317	11283	1.728	0.838 #
6) L1	Aroclor-1016 {2}	8.98	10.43	91233	48865	5.201	1.750 #
7) L1	Aroclor-1016 {3}	9.38	12.35	132226	38979	5.100	2.259 #
Total	Aroclor-1016			278775	99126	12.029	4.847
Average	Aroclor-1016					4.010	1.616
8) L2	Aroclor-1221	5.13	8.11	1374	3619	0.196	0.592 #
9) L2	Aroclor-1221 {2}	5.55	8.66	3089	11877	0.529	2.435 #
10) L2	Aroclor-1221 {3}	5.72	8.89	28498	11283	1.410	0.735 #
Total	Aroclor-1221			32961	26779	2.136	3.762
Average	Aroclor-1221					0.712	1.254
11) L3	Aroclor-1232	5.72	8.89	28498	11283	1.562	0.787 #
12) L3	Aroclor-1232 {2}	6.85	10.43	55317	48865	4.053	4.067
13) L3	Aroclor-1232 {3}	8.66	12.35	41951	38979	5.068	5.621
Total	Aroclor-1232			125766	99126	10.684	10.476
Average	Aroclor-1232					3.561	3.492
14) L4	Aroclor-1242	8.27	11.78	296562	208491	7.162	6.996
15) L4	Aroclor-1242 {2}	9.38	12.35	132226	38979	6.797	2.949 #
16) L4	Aroclor-1242 {3}	10.13	14.13	128118	99449	7.583	7.475
Total	Aroclor-1242			556906	346919	21.542	17.420
Average	Aroclor-1242					7.181	5.807
17) L5	Aroclor-1248	9.38	15.08	132226	82939	4.155	3.682
18) L5	Aroclor-1248 {2}	10.13	15.29	128118	94575	4.677	4.051
19) L5	Aroclor-1248 {3}	11.43	16.30	141811	67638	4.076	3.788
Total	Aroclor-1248			402155	245152	12.908	11.521
Average	Aroclor-1248					4.303	3.840

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-08.D Vial: 27
Signal #2 : D:\HPCHEM\5\AU26A\C845-08.D\CONFIRM.D
Acq On : 27 Aug 96 09:31 AM Operator: JS
Sample : VHB/ PR3 Inst : ECD1
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 10:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	78791	71420	2.523	2.644
21) L6	Aroclor-1254 {2}	13.48	15.83	129552	76756	3.000	2.638
22) L6	Aroclor-1254 {3}	15.87	17.69	103150	120090	3.212	3.015
Total	Aroclor-1254			311493	268265	8.735	8.297
Average	Aroclor-1254					2.912	2.766
23) L7	Aroclor-1260	13.97	18.32	63050	41758	1.817	1.306 #
24) L7	Aroclor-1260 {2}	14.76	18.64	58585	48748	1.441	1.355
25) L7	Aroclor-1260 {3}	17.97	22.06	31687	20534	0.548	0.384 #
Total	Aroclor-1260			153321	111040	3.806	3.045
Average	Aroclor-1260					1.269	1.015
26) L8	Aroclor-1268	0.00	23.34f	0	26630	N.D.	6.200 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	26630	N.D.	6.200
Average	Aroclor-1268					0.000	6.200

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

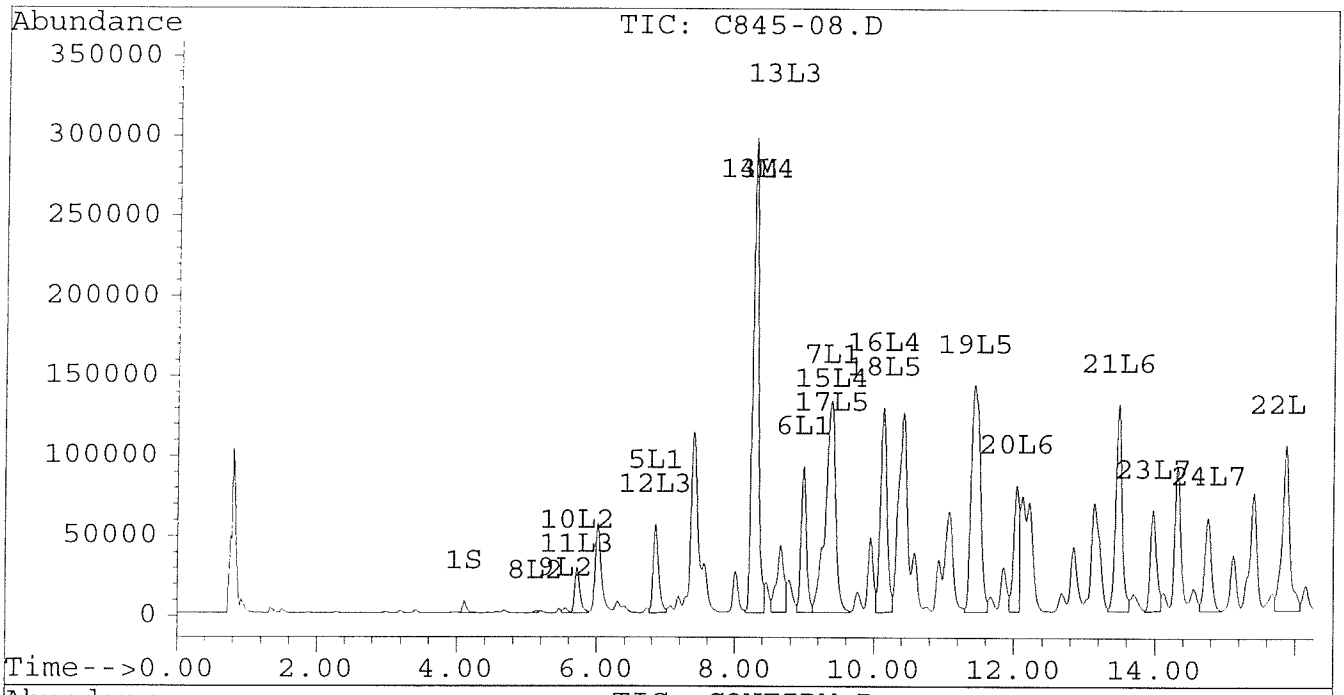
Quantitation Report

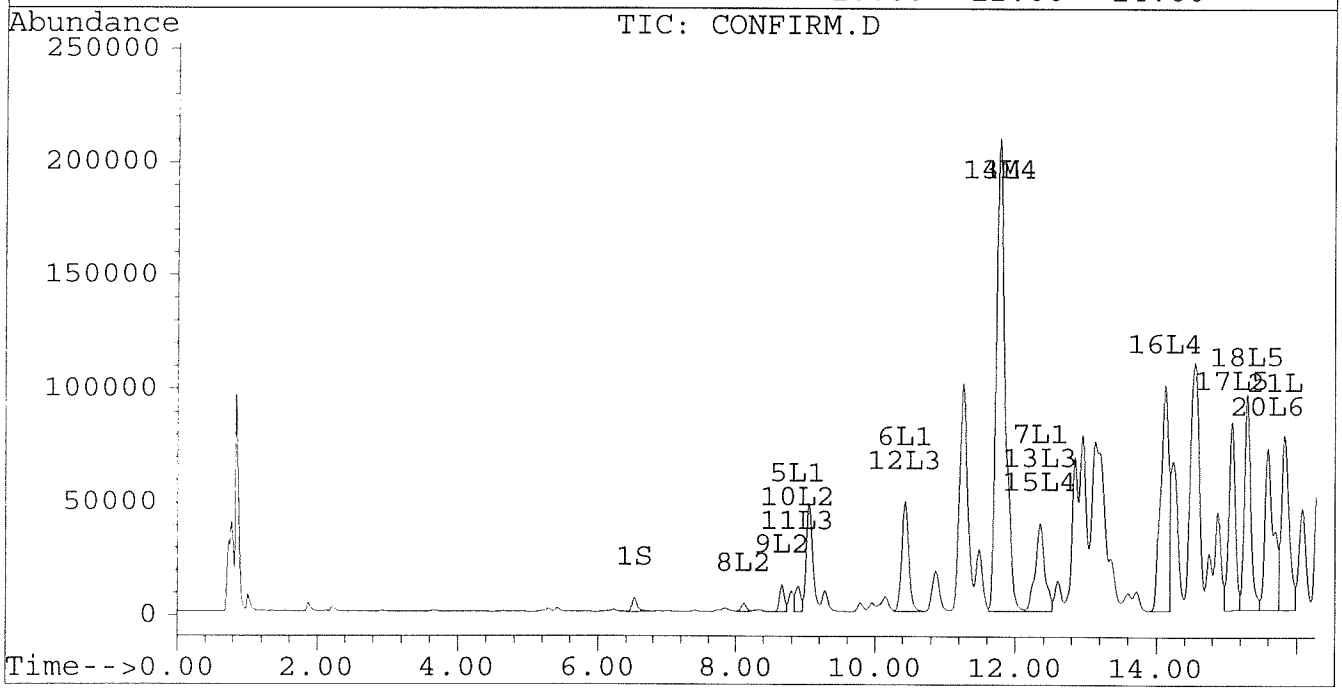
Signal #1 : D:\HPCHEM\5\AU26A\C845-08.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-08.D\CONFIRM.D
Acq On : 27 Aug 96 09:31 AM
Sample : VHB/ PR3
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Aug 27 10:04 1996

Vial: 27
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





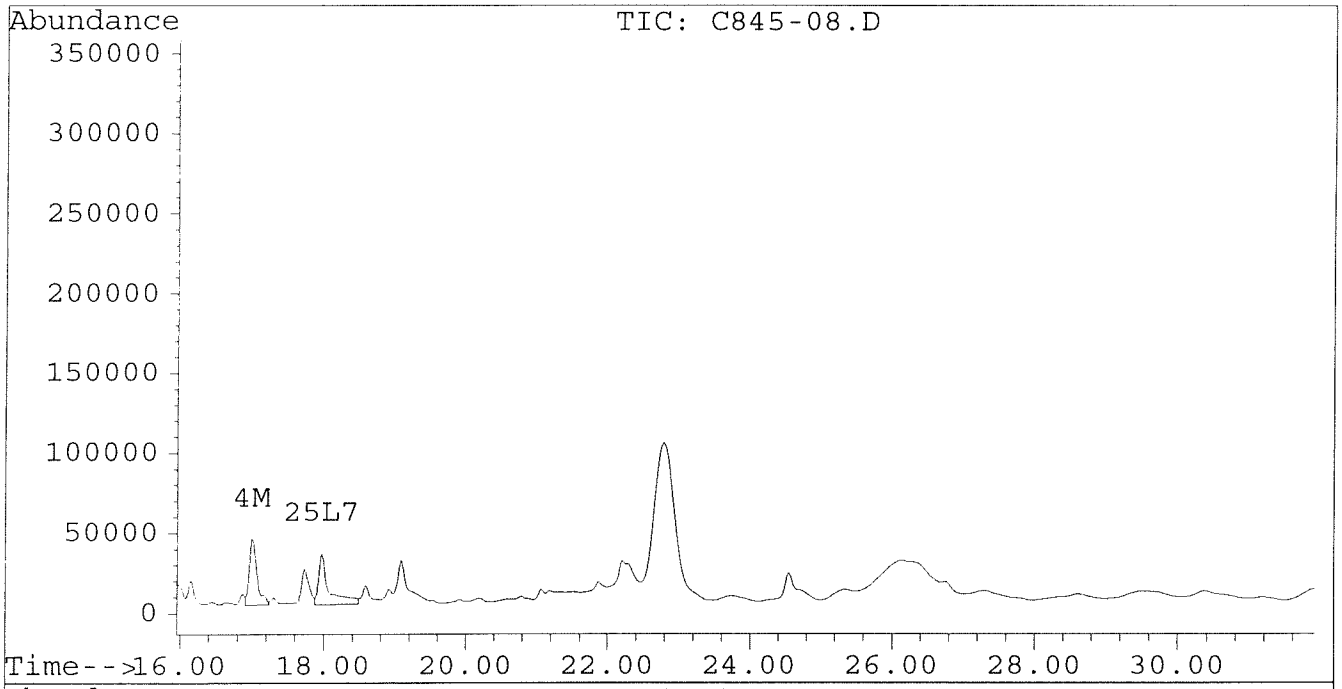
0206

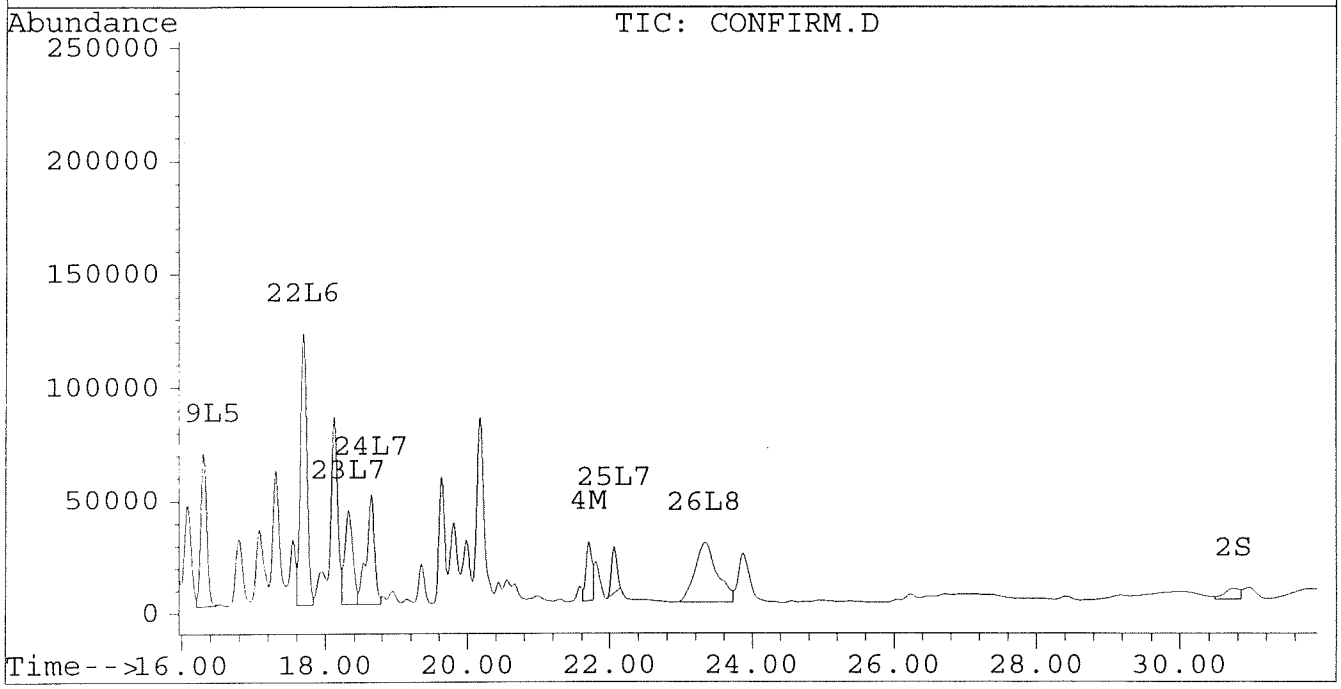
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-08.D Vial: 27
Signal #2 : D:\HPCHEM\5\AU26A\C845-08.D\CONFIRM.D
Acq On : 27 Aug 96 09:31 AM Operator: JS
Sample : VHB/ PR3 Inst : ECD1
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 10:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0207

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-08C.D Vial: 37
Signal #2 : D:\HPCHEM\5\SE3\C845-08C.D\CONFIRM.D
Acq On : 04 Sep 96 02:53 PM Operator: JS
Sample : VHB/ PR3 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 15:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.05	6.46	722	578	0.003	0.003
				Recovery	=	7.50%	7.50%
2)	S Decachlorobiphenyl	22.19	30.48	583	275	0.003	0.003
				Recovery	=	7.50%	7.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.20	11.69	36400	25469	0.332	0.266
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.60	4115	2371	0.022	0.015 #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 (2)	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	5.14	0.00	153	0	0.022	N.D. #
9)	L2 Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			153	0	0.022	N.D.
	Average Aroclor-1221					0.022	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 (2)	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 (3)	8.71f	0.00	2660	0	0.321	N.D. #
	Total Aroclor-1232			2660	0	0.321	N.D.
	Average Aroclor-1232					0.321	0.000
14)	L4 Aroclor-1242	8.20	11.69	36400	25469	0.879	0.855
15)	L4 Aroclor-1242 (2)	9.30	12.26	18388	4790	0.945	0.362 #
16)	L4 Aroclor-1242 (3)	10.05	14.04	16398	12944	0.971	0.973
	Total Aroclor-1242			71187	43203	2.795	2.190
	Average Aroclor-1242					0.932	0.730
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0208

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-08C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-08C.D\CONFIRM.D
Acq On : 04 Sep 96 02:53 PM
Sample : VHB/ PR3 1:10 DILUTION
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Sep 4 15:27 1996

Vial: 37
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	10313	9355	0.330	0.346
21) L6	Aroclor-1254 {2}	13.39	15.74	15448	10193	0.358	0.350
22) L6	Aroclor-1254 {3}	15.78	17.59	11224	14179	0.349	0.356
Total	Aroclor-1254			36985	33727	1.037	1.053
Average	Aroclor-1254					0.346	0.351
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.82f	0.00	548	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.99	23.47f	1786	760	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.78f	0.00	363	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$$AR-1242 = \frac{1824 \times 10mL \times 1.5 \times 10^{DF}}{30.2 \times 0.89} = 10,000\ D$$

$$AR-1254 = \frac{0707 \times 10mL \times 1.5 \times 10}{30.2 \times 0.89} = 3,900\ D$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

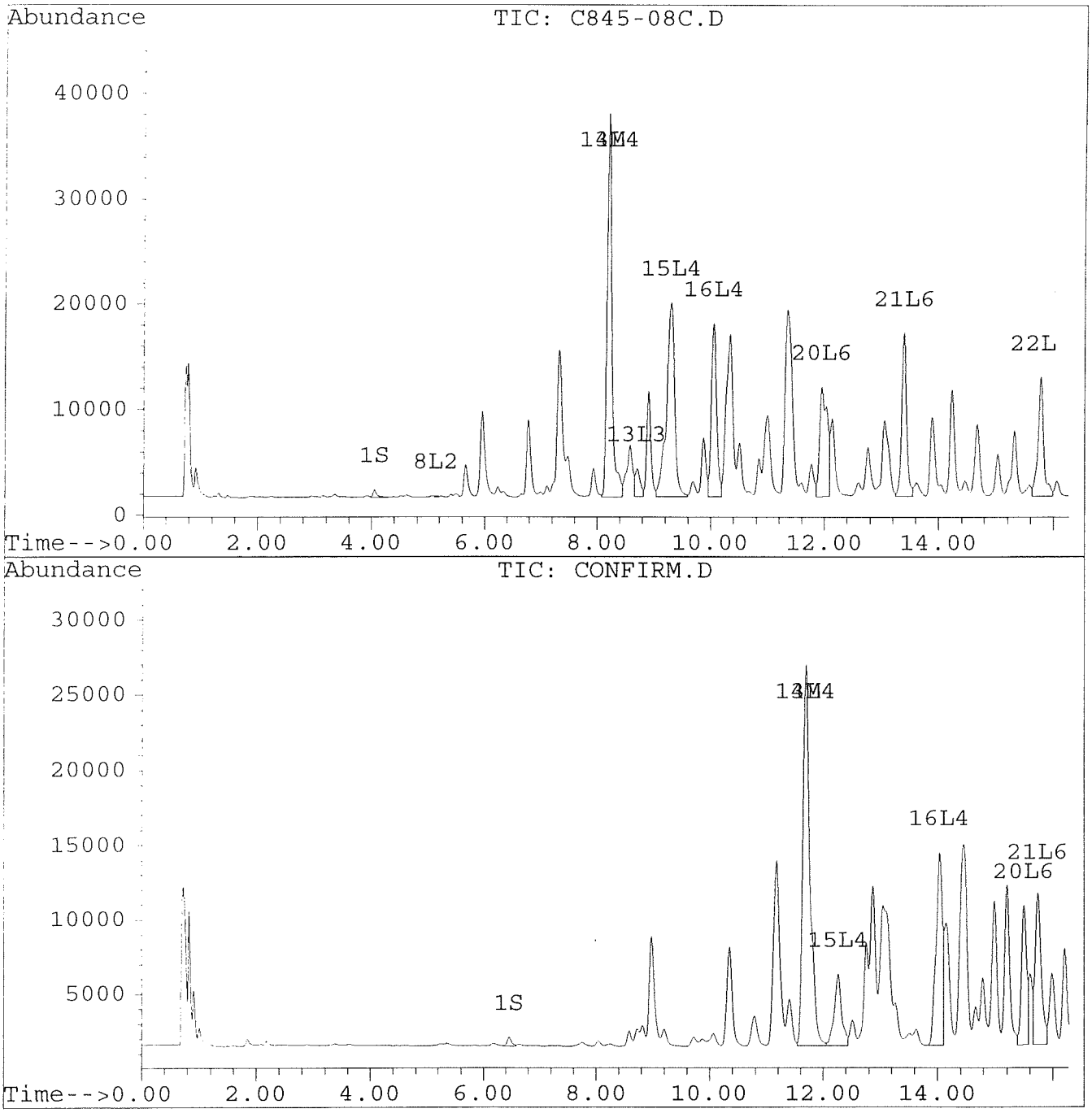
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-08C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-08C.D\CONFIRM.D
Acq On : 04 Sep 96 02:53 PM
Sample : VHB/ PR3 1:10 DILUTION
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Sep 4 15:27 1996

Vial: 37
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



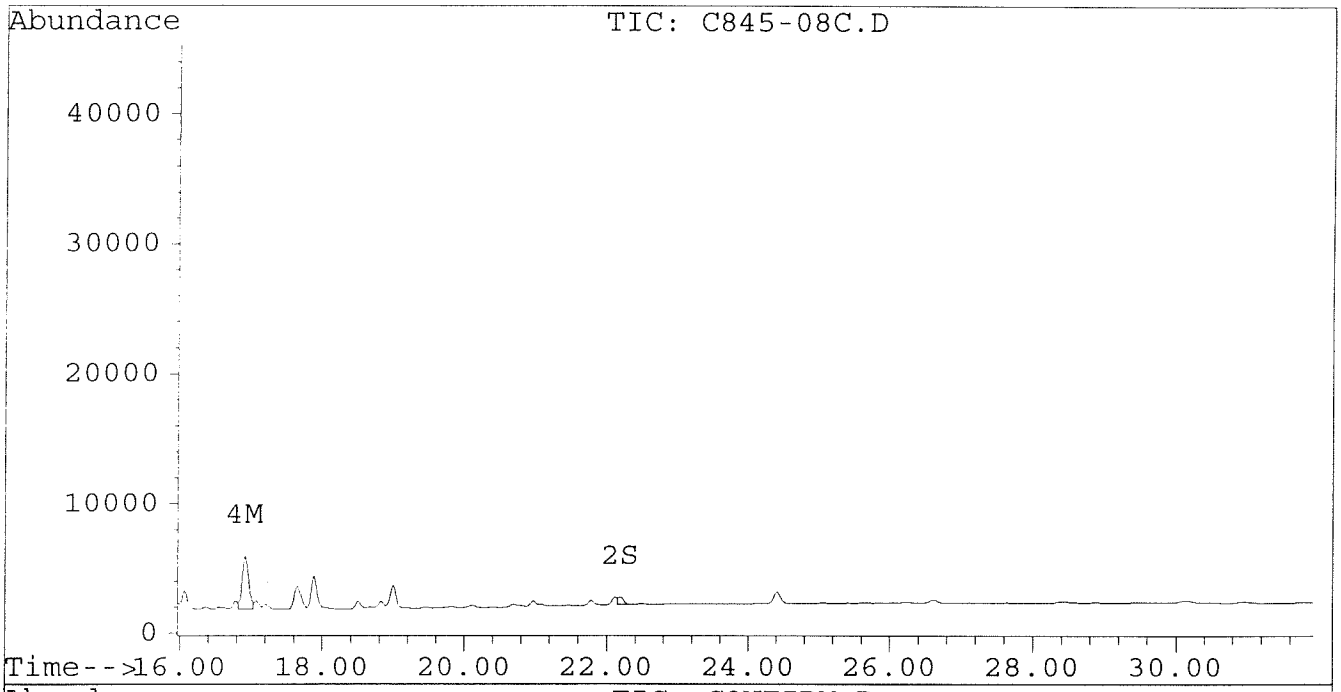
Quantitation Report

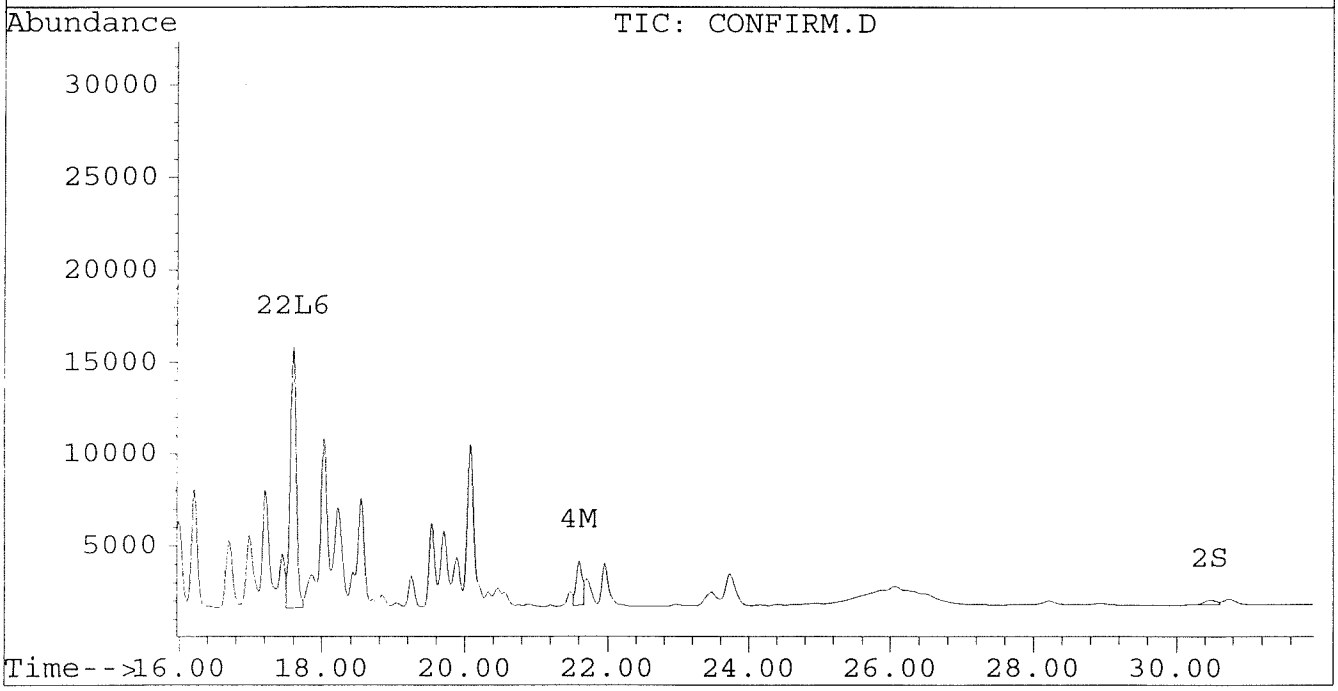
Signal #1 : D:\HPCHEM\5\SE3\C845-08C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-08C.D\CONFIRM.D
Acq On : 04 Sep 96 02:53 PM
Sample : VHB/ PR3 1:10 DILUTION
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Sep 4 15:27 1996

Vial: 37
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-09.D Vial: 28
Signal #2 : D:\HPCHEM\5\AU26A\C845-09.D\CONFIRM.D
Acq On : 27 Aug 96 10:06 AM Operator: JS
Sample : VHB/ PS1 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 10:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.10	6.53	6494	5164	0.027	0.027	
					Recovery	=	67.50%	67.50%	
2)	S	Decachlorobiphenyl	22.30	30.72	5928	1825	0.028	0.021	#
					Recovery	=	70.00%	52.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.77	284389	213313	2.597	2.227	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	48415	34675	0.259	0.221	
5)	L1	Aroclor-1016	6.85	8.90	51181	9460	1.598	0.703	#
6)	L1	Aroclor-1016 {2}	8.98	10.43	85132	46229	4.854	1.656	#
7)	L1	Aroclor-1016 {3}	9.37	12.36	143994	32485	5.554	1.882	#
	Total	Aroclor-1016			280306	88174	12.006	4.241	
Average		Aroclor-1016					4.002	1.414	
8)	L2	Aroclor-1221	5.13	8.12	1293	1454	0.184	0.238	#
9)	L2	Aroclor-1221 {2}	5.55	8.66	2413	5393	0.414	1.106	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	15725	9460	0.778	0.616	
	Total	Aroclor-1221			19430	16307	1.376	1.960	
Average		Aroclor-1221					0.459	0.653	
11)	L3	Aroclor-1232	5.72	8.90	15725	9460	0.862	0.660	
12)	L3	Aroclor-1232 {2}	6.85	10.43	51181	46229	3.750	3.848	
13)	L3	Aroclor-1232 {3}	8.66	12.36	40080	32485	4.842	4.685	
	Total	Aroclor-1232			106986	88174	9.454	9.193	
Average		Aroclor-1232					3.151	3.064	
14)	L4	Aroclor-1242	8.27	11.77	284389	213313	6.868	7.157	
15)	L4	Aroclor-1242 {2}	9.37	12.36	143994	32485	7.401	2.458	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	136556	107946	8.082	8.113	
	Total	Aroclor-1242			564939	353744	22.352	17.729	
Average		Aroclor-1242					7.451	5.910	
17)	L5	Aroclor-1248	9.37	15.08	143994	101376	4.524	4.500	
18)	L5	Aroclor-1248 {2}	10.13	15.29	136556	107913	4.985	4.623	
19)	L5	Aroclor-1248 {3}	11.43	16.30	174822	79564	5.024	4.456	
	Total	Aroclor-1248			455371	288852	14.534	13.579	
Average		Aroclor-1248					4.845	4.526	

to be deleted

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0212

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-09.D Vial: 28
Signal #2 : D:\HPCHEM\5\AU26A\C845-09.D\CONFIRM.D
Acq On : 27 Aug 96 10:06 AM Operator: JS
Sample : VHB/ PS1 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 10:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.59	103786	94505	3.323	3.498	
21) L6	Aroclor-1254 {2}	13.48	15.83	169149	99963	3.917	3.436	
22) L6	Aroclor-1254 {3}	15.87	17.69	127959	157843	3.984	3.963	
Total	Aroclor-1254			400894	352311	11.224	10.897	
Average	Aroclor-1254					3.741	3.632	
23) L7	Aroclor-1260	13.97	18.32	78732	51992	2.269	1.626	#
24) L7	Aroclor-1260 {2}	14.76	18.64	67887	61847	1.670	1.719	
25) L7	Aroclor-1260 {3}	17.97	22.06	35521	24323	0.615	0.455	#
Total	Aroclor-1260			182139	138162	4.553	3.800	
Average	Aroclor-1260					1.518	1.267	
26) L8	Aroclor-1268	18.91f	0.00	6171	0	NoCal	N.D.	
27) L8	Aroclor-1268 {2}	0.00	23.56f	0	8502	N.D.	NoCal	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

to be diluted

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

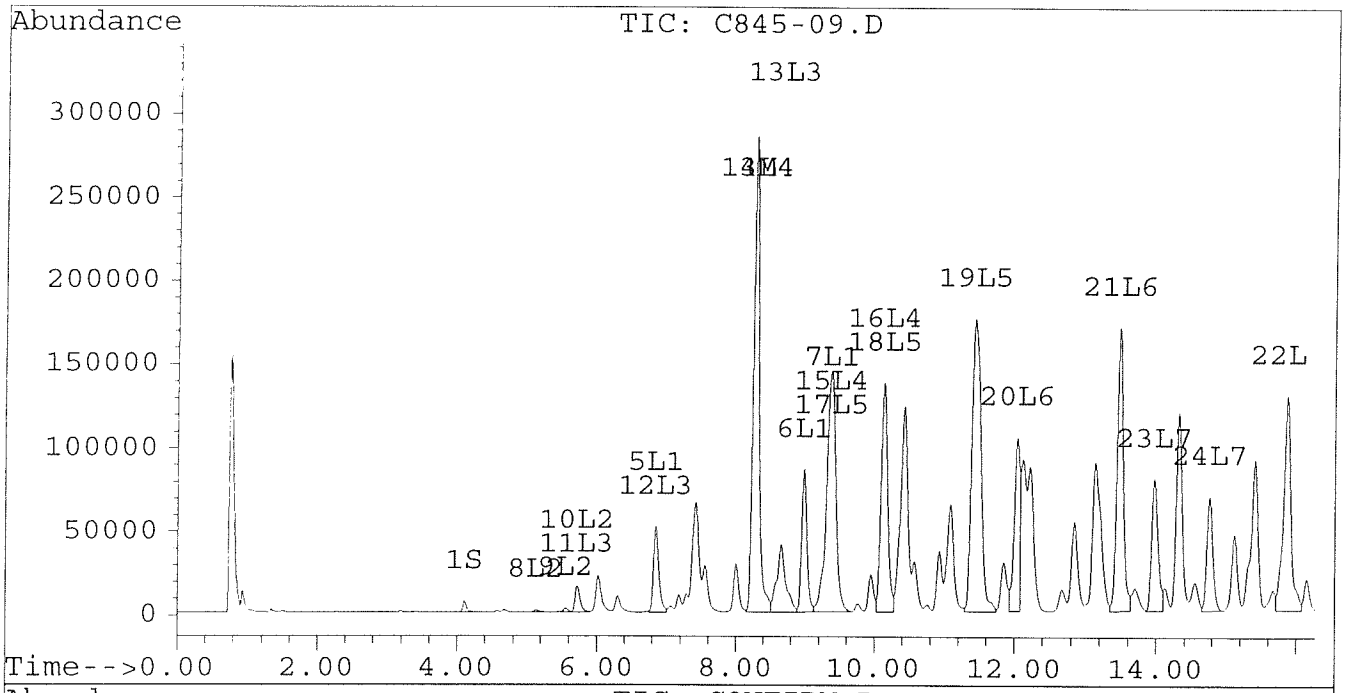
Quantitation Report

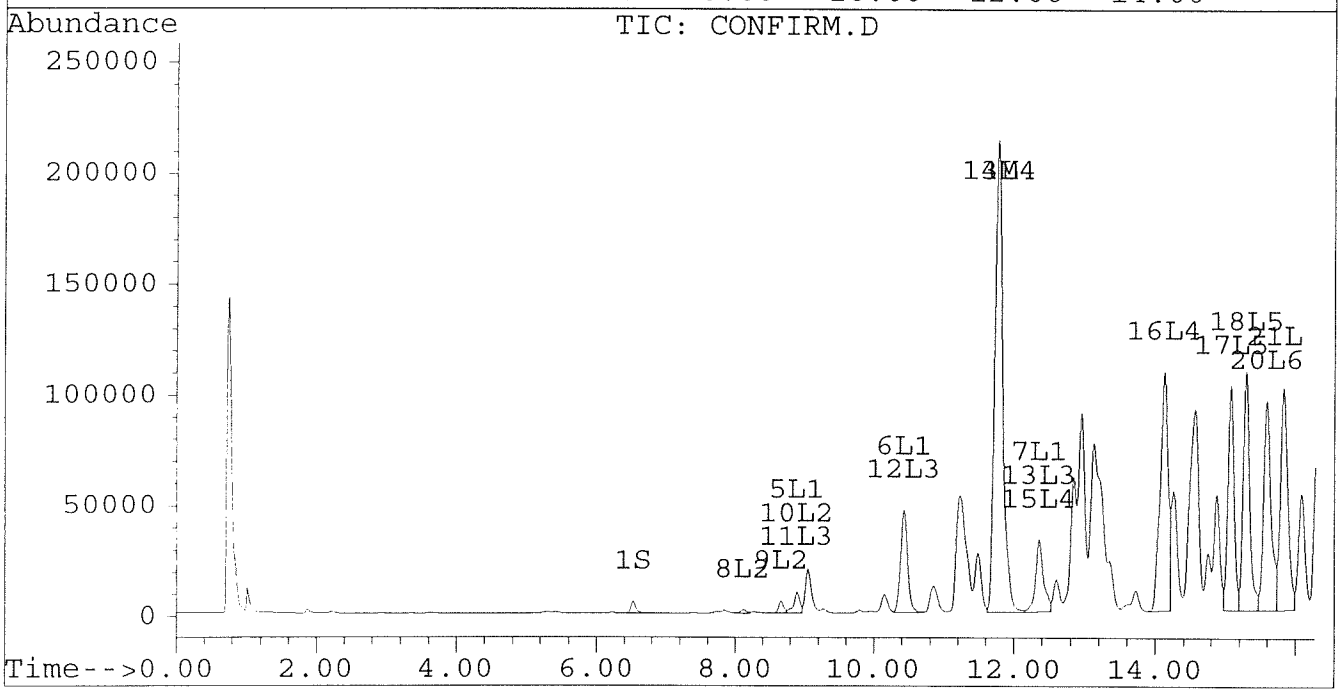
Signal #1 : D:\HPCHEM\5\AU26A\C845-09.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-09.D\CONFIRM.D
Acq On : 27 Aug 96 10:06 AM
Sample : VHB/ PS1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 27 10:40 1996

Vial: 28
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





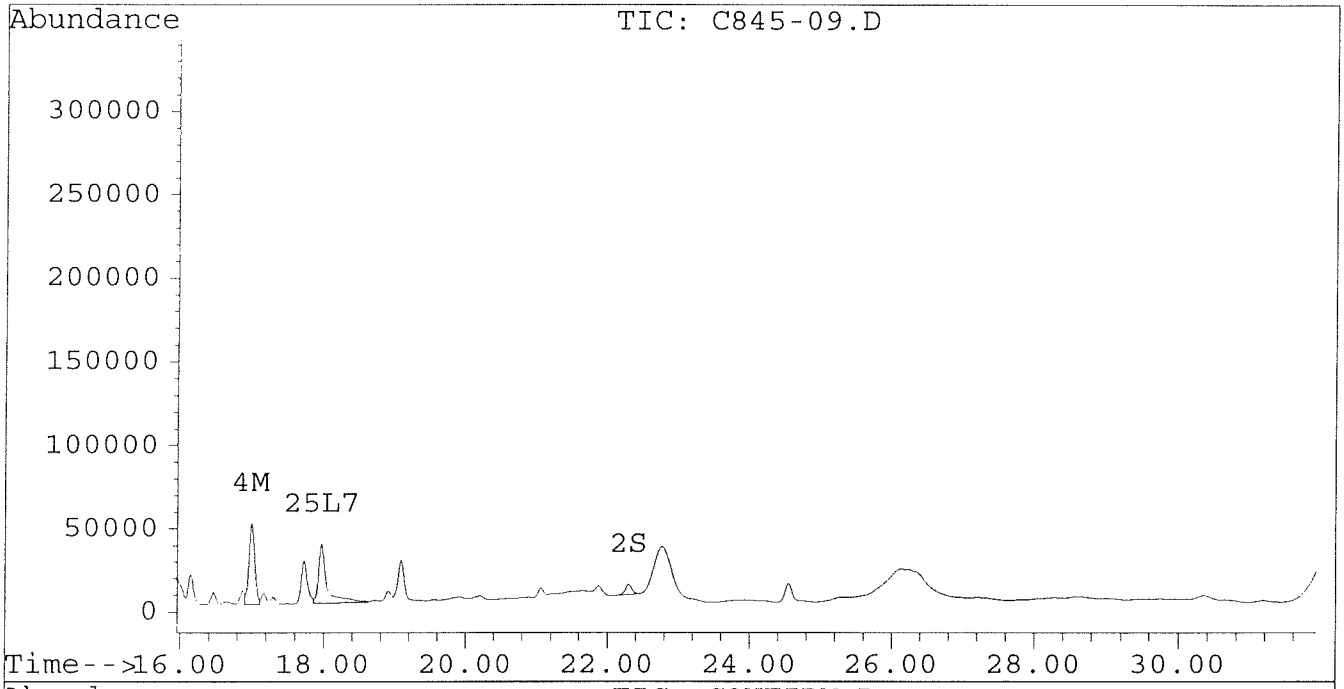
0214

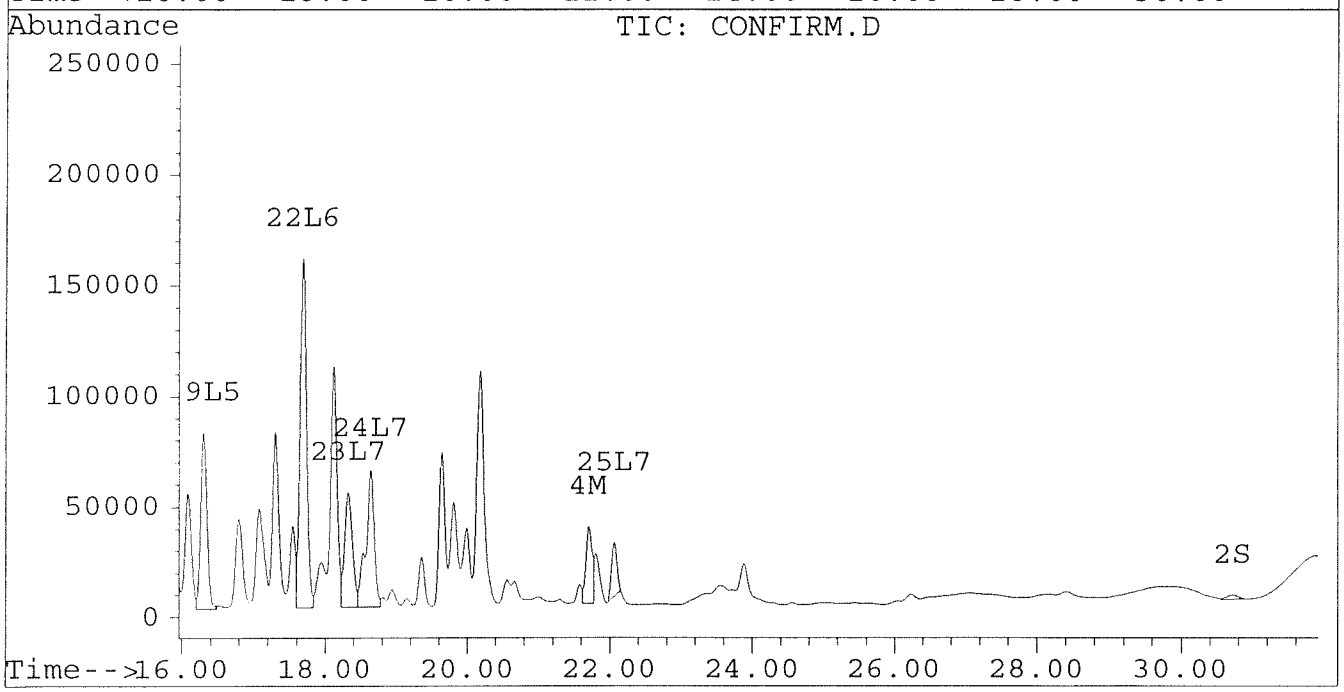
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-09.D Vial: 28
Signal #2 : D:\HPCHEM\5\AU26A\C845-09.D\CONFIRM.D
Acq On : 27 Aug 96 10:06 AM Operator: JS
Sample : VHB/ PS1 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 10:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-09C.D Vial: 38
Signal #2 : D:\HPCHEM\5\SE3\C845-09C.D\CONFIRM.D
Acq On : 04 Sep 96 03:29 PM Operator: JS
Sample : VHB/ PS1 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 16:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	597	482	0.003	0.003
				Recovery	=	7.50%	7.50%
2) S	Decachlorobiphenyl	0.00	30.47	0	247	N.D.	0.003 #
				Recovery	=	0.00%	7.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	35265	26090	0.322	0.272
4) M	2,2',3,3',4,4'-Hexa	16.90	21.60	4721	3084	0.025	0.020
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			0	0	N.D.	N.D.
Average	Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.20	11.69	35265	26090	0.852	0.875
15) L4	Aroclor-1242 {2}	9.29	12.27	20131	3755	1.035	0.284 #
16) L4	Aroclor-1242 {3}	10.05	14.04	17787	14017	1.053	1.054
Total	Aroclor-1242			73183	43863	2.939	2.213
Average	Aroclor-1242					0.980	0.738
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0216

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-09C.D Vial: 38
Signal #2 : D:\HPCHEM\5\SE3\C845-09C.D\CONFIRM.D
Acq On : 04 Sep 96 03:29 PM Operator: JS
Sample : VHB/ PS1 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 16:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	13708	12591	0.439	0.466
21) L6	Aroclor-1254 {2}	13.40	15.74	20480	13193	0.474	0.453
22) L6	Aroclor-1254 {3}	15.78	17.59	14469	18946	0.451	0.476
Total	Aroclor-1254			48658	44730	1.364	1.395
Average	Aroclor-1254					0.455	0.465
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.82f	0.00	589	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.99	0.00	2065	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.79	0.00	366	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

$$AR\text{-}1242 = \frac{1.887 \times 10\,mL \times 1.5 \times 10^{DF}}{30.3\,g \times 0.92} = 10{,}000$$

$$AR\text{-}1254 = \frac{0.925 \times 10\,mL \times 1.5 \times 10}{30.3\,g \times 0.92} = 5{,}000$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

021

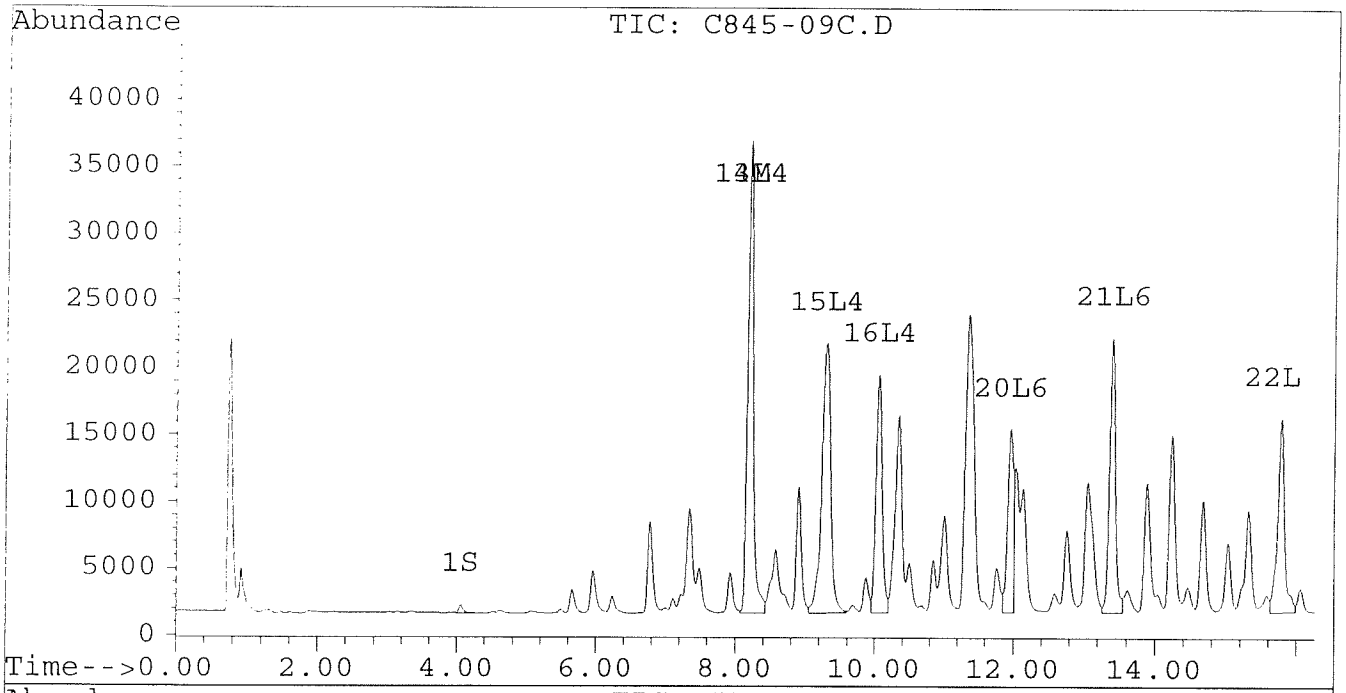
Quantitation Report

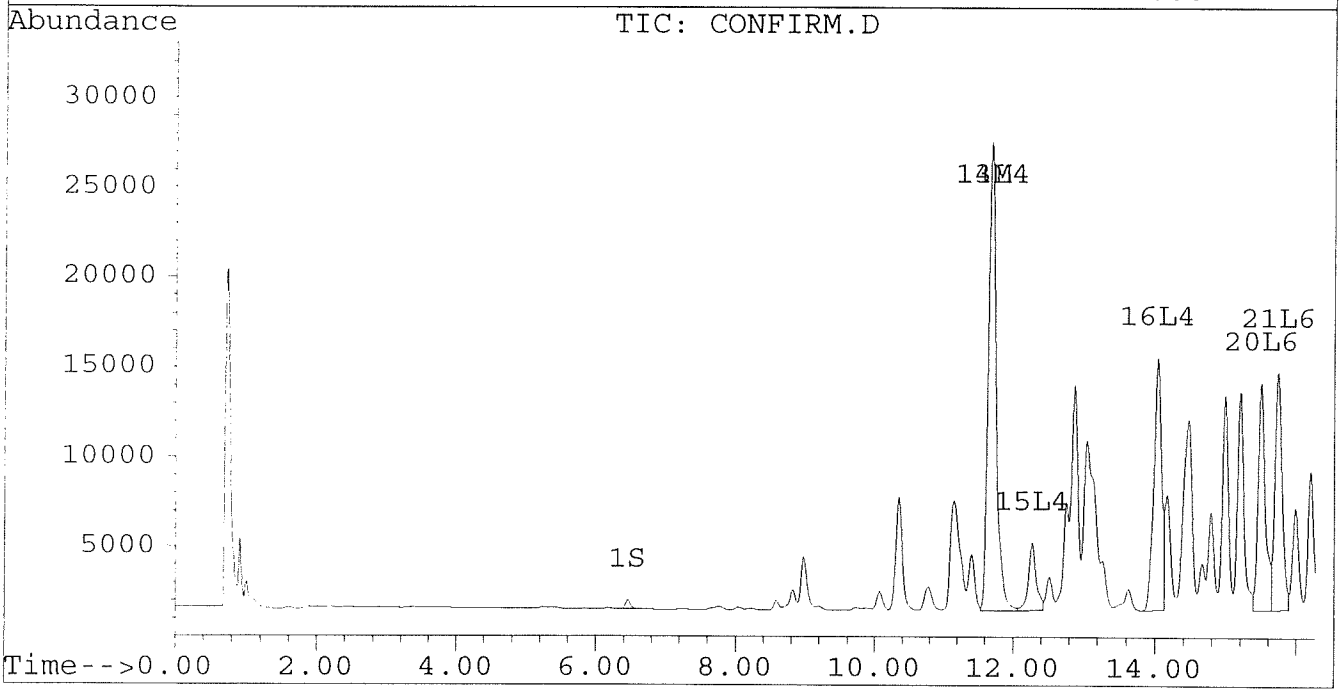
Signal #1 : D:\HPCHEM\5\SE3\C845-09C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-09C.D\CONFIRM.D
Acq On : 04 Sep 96 03:29 PM
Sample : VHB/ PS1 1:10 DILUTION
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Sep 4 16:03 1996

Vial: 38
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





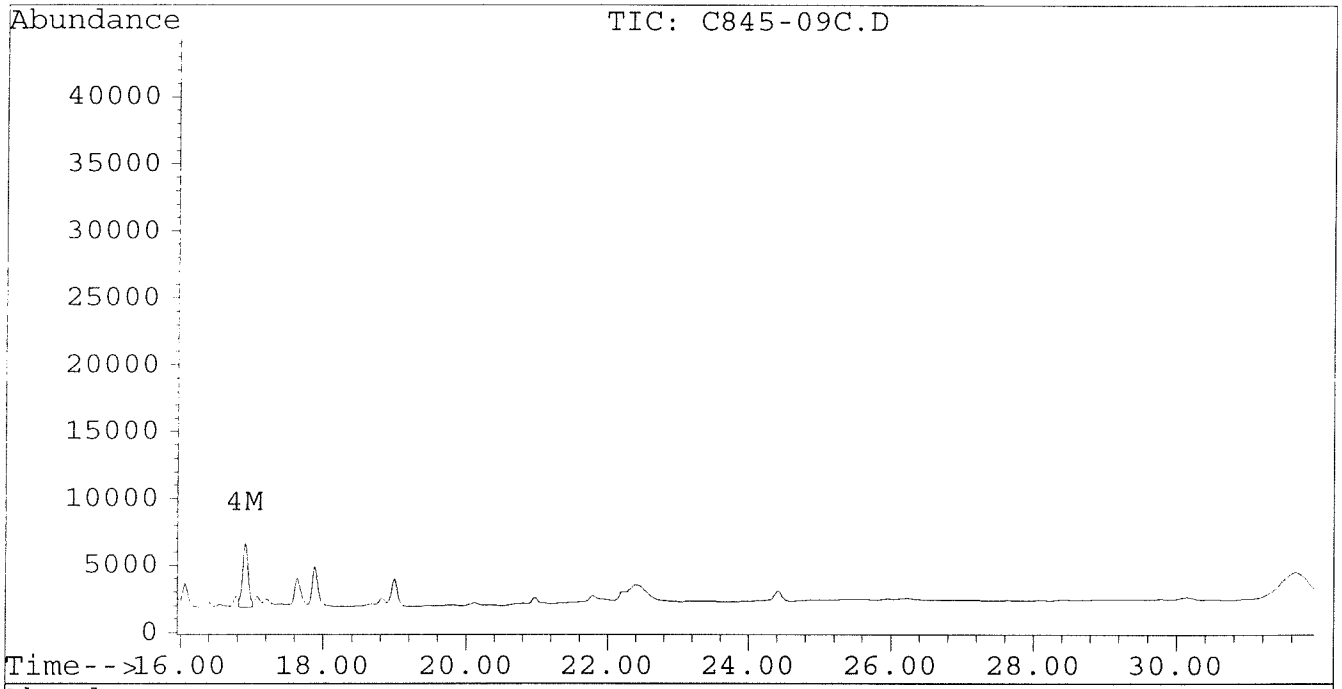
0218

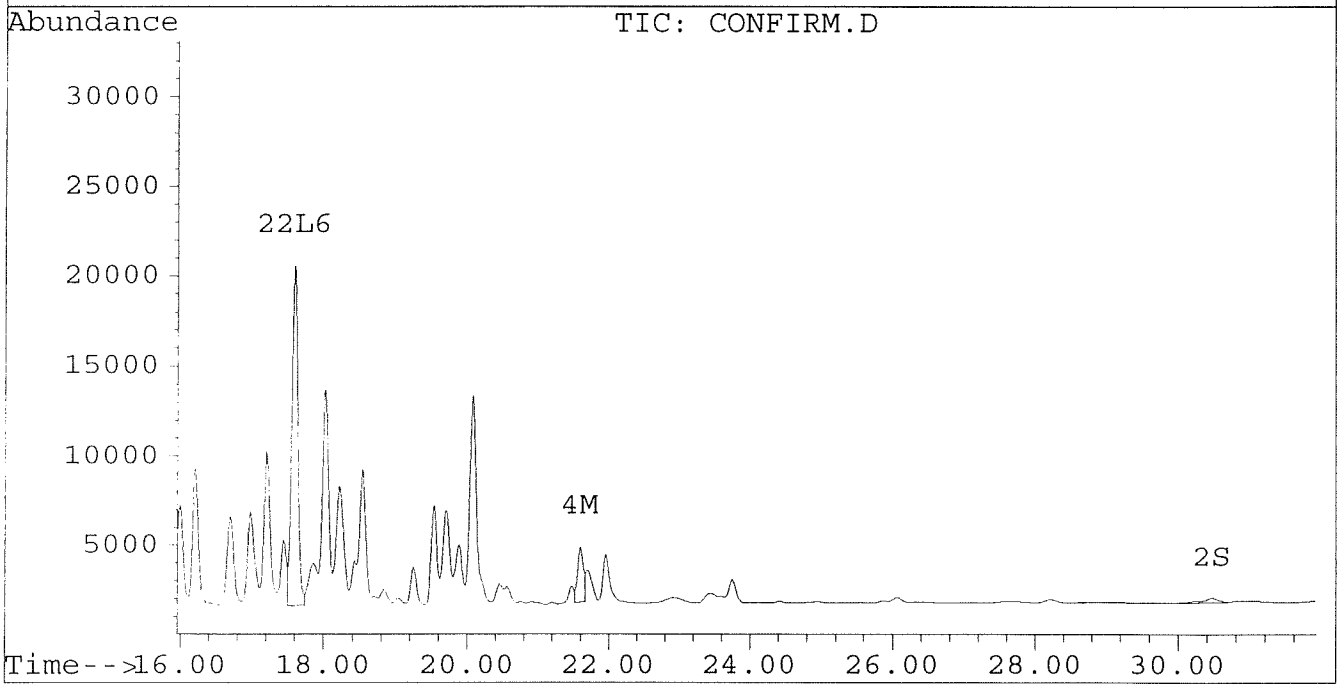
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-09C.D Vial: 38
Signal #2 : D:\HPCHEM\5\SE3\C845-09C.D\CONFIRM.D
Acq On : 04 Sep 96 03:29 PM Operator: JS
Sample : VHB/ PS1 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 16:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0219

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-10.D Vial: 29
Signal #2 : D:\HPCHEM\5\AU26A\C845-10.D\CONFIRM.D
Acq On : 27 Aug 96 10:42 AM Operator: JS
Sample : VHB/ PS3 Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 11:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.10	6.53	11615	7818	0.049	0.041
					Recovery	=	122.50%	102.50%
2)	S	Decachlorobiphenyl	0.00	30.73	0	1954	N.D.	0.022 #
					Recovery	=	0.00%	55.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.27	11.77	403949	291204	3.688	3.040
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	77727	55312	0.416	0.352
5)	L1	Aroclor-1016	6.84	8.89	96057	20523	3.000	1.525 #
6)	L1	Aroclor-1016 {2}	8.98	10.43	132030	83602	7.527	2.994 #
7)	L1	Aroclor-1016 {3}	9.37	12.36	197882	57730	7.632	3.345 #
		Total Aroclor-1016			425969	161855	18.159	7.865
		Average Aroclor-1016					6.053	2.622
8)	L2	Aroclor-1221	5.13	8.11	2782	5774	0.397	0.944 #
9)	L2	Aroclor-1221 {2}	5.55	8.66	5369	12374	0.920	2.537 #
10)	L2	Aroclor-1221 {3}	5.72	8.89	39653	20523	1.962	1.337 #
		Total Aroclor-1221			47804	38671	3.280	4.818
		Average Aroclor-1221					1.093	1.606
11)	L3	Aroclor-1232	5.72	8.89	39653	20523	2.174	1.432 #
12)	L3	Aroclor-1232 {2}	6.84	10.43	96057	83602	7.038	6.959
13)	L3	Aroclor-1232 {3}	8.66	12.36	66018	57730	7.975	8.325
		Total Aroclor-1232			201728	161855	17.188	16.716
		Average Aroclor-1232					5.729	5.572
14)	L4	Aroclor-1242	8.27	11.77	403949	291204	9.756	9.771
15)	L4	Aroclor-1242 {2}	9.37	12.36	197882	57730	10.171	4.368 #
16)	L4	Aroclor-1242 {3}	10.13	14.13	189886	148594	11.239	11.169
		Total Aroclor-1242			791718	497529	31.166	25.308
		Average Aroclor-1242					10.389	8.436
17)	L5	Aroclor-1248	9.37	15.08	197882	133670	6.218	5.934
18)	L5	Aroclor-1248 {2}	10.13	15.29	189886	144868	6.932	6.206
19)	L5	Aroclor-1248 {3}	11.43	16.30	233493	106975	6.711	5.991
		Total Aroclor-1248			621262	385513	19.861	18.131
		Average Aroclor-1248					6.620	6.044

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0230

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-10.D Vial: 29
Signal #2 : D:\HPCHEM\5\AU26A\C845-10.D\CONFIRM.D
Acq On : 27 Aug 96 10:42 AM Operator: JS
Sample : VHB/ PS3 Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 11:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6 Aroclor-1254	12.04	15.59	141294	129364	4.524	4.788	
21) L6 Aroclor-1254 {2}	13.48	15.83	239813	136817	5.553	4.702	
22) L6 Aroclor-1254 {3}	15.87	17.69	200092	222349	6.230	5.583	
Total Aroclor-1254			581199	488531	16.308	15.073	
Average Aroclor-1254					5.436	5.024	
23) L7 Aroclor-1260	13.97	18.32	115113	77325	3.317	2.418	#
24) L7 Aroclor-1260 {2}	14.75	18.64	117153	93918	2.881	2.611	
25) L7 Aroclor-1260 {3}	17.97	22.06	64742	39050	1.120	0.730	#
Total Aroclor-1260			297008	210293	7.319	5.760	
Average Aroclor-1260					2.440	1.920	
26) L8 Aroclor-1268	18.91f	23.34f	23684	3798	NoCal	0.884	#
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total Aroclor-1268			0	3798	N.D.	0.884	
Average Aroclor-1268					0.000	0.884	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

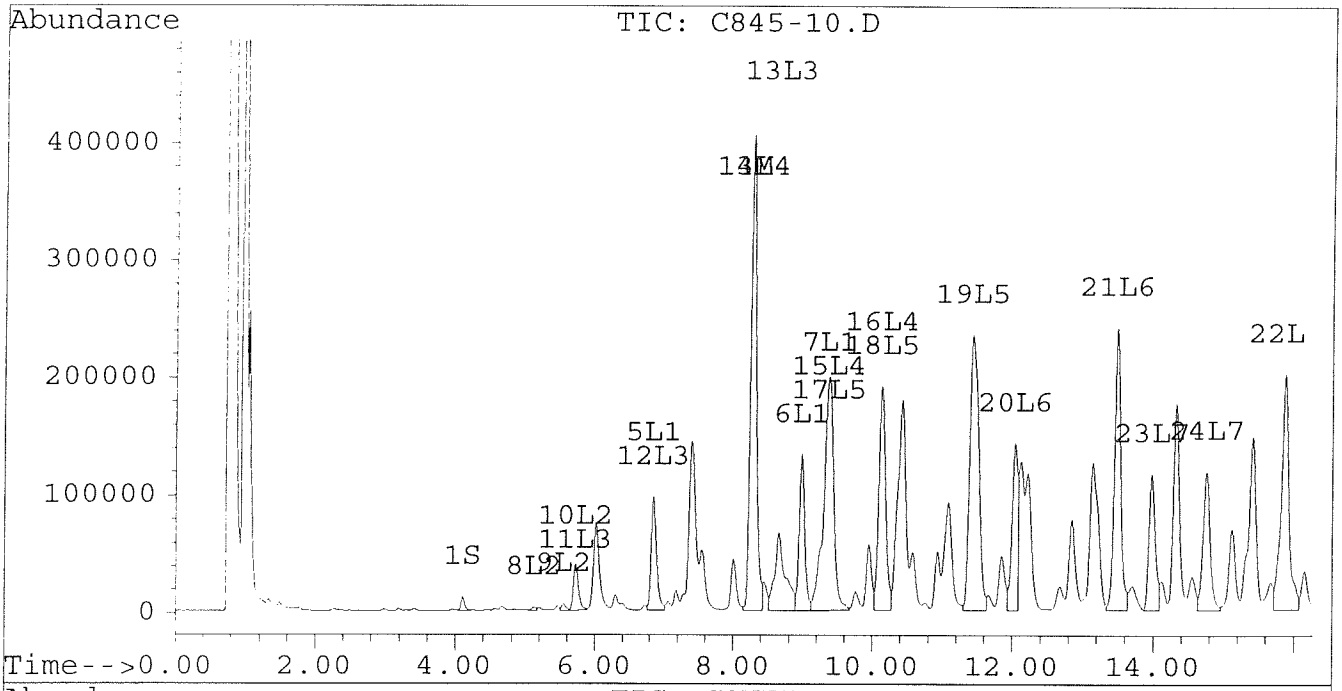
Quantitation Report

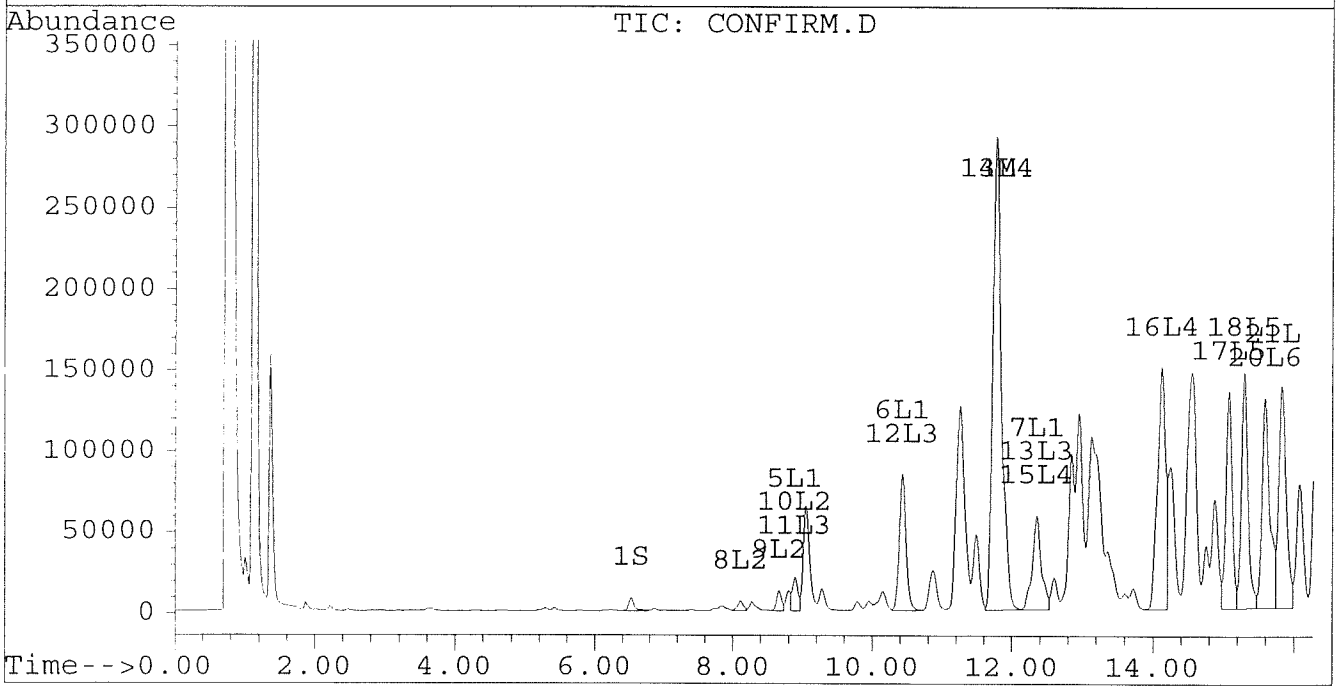
Signal #1 : D:\HPCHEM\5\AU26A\C845-10.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-10.D\CONFIRM.D
Acq On : 27 Aug 96 10:42 AM
Sample : VHB/ PS3
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Aug 27 11:15 1996

Vial: 29
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



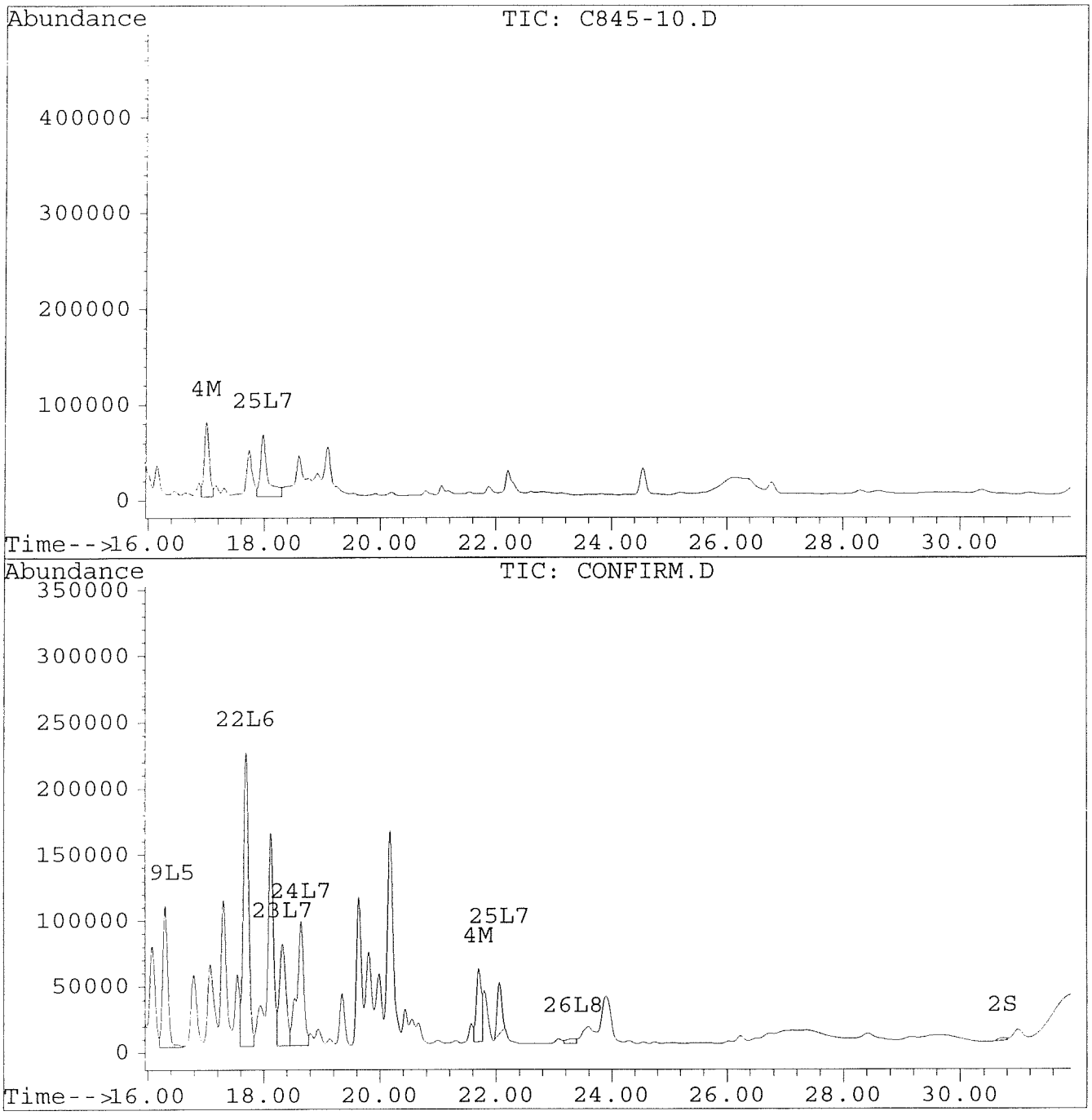


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-10.D Vial: 29
Signal #2 : D:\HPCHEM\5\AU26A\C845-10.D\CONFIRM.D
Acq On : 27 Aug 96 10:42 AM Operator: JS
Sample : VHB/ PS3 Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 11:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0223

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-10A.D Vial: 84
Signal #2 : D:\HPCHEM\5\AU29\C845-10A.D\CONFIRM.D
Acq On : 01 Sep 96 10:33 AM Operator: JS
Sample : VHB/ PS3 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.10	6.53	1094	844	0.005	0.004	
					Recovery	=	12.50%	10.00%	
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
					Recovery	=	0.00%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	60310	41773	0.551	0.436	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	9591	6167	0.051	0.039	
5)	L1	Aroclor-1016	6.84	8.89	15219	2915	0.475	0.217	#
6)	L1	Aroclor-1016 {2}	8.98	10.43	18062	13474	1.030	0.483	#
7)	L1	Aroclor-1016 {3}	9.37	12.35	31910	8335	1.231	0.483	#
		Total Aroclor-1016			65191	24724	2.736	1.182	
		Average Aroclor-1016					0.912	0.394	
8)	L2	Aroclor-1221	5.13	8.11	328	648	0.047	0.106	#
9)	L2	Aroclor-1221 {2}	5.55	8.66	699	1311	0.120	0.269	#
10)	L2	Aroclor-1221 {3}	5.72	8.89	5387	2915	0.267	0.190	#
		Total Aroclor-1221			6414	4875	0.433	0.565	
		Average Aroclor-1221					0.144	0.188	
11)	L3	Aroclor-1232	5.72	8.89	5387	2915	0.295	0.203	#
12)	L3	Aroclor-1232 {2}	6.84	10.43	15219	13474	1.115	1.122	
13)	L3	Aroclor-1232 {3}	8.65	12.35	9332	8335	1.127	1.202	
		Total Aroclor-1232			29938	24724	2.538	2.527	
		Average Aroclor-1232					0.846	0.842	
14)	L4	Aroclor-1242	8.27	11.78	60310	41773	1.457	1.402	
15)	L4	Aroclor-1242 {2}	9.37	12.35	31910	8335	1.640	0.631	#
16)	L4	Aroclor-1242 {3}	10.12	14.13	29456	22985	1.743	1.728	
		Total Aroclor-1242			121676	73093	4.840	3.760	
		Average Aroclor-1242					1.613	1.253	
17)	L5	Aroclor-1248	9.37	15.08	31910	18778	1.003	0.834	
18)	L5	Aroclor-1248 {2}	10.12	15.29	29456	19728	1.075	0.845	
19)	L5	Aroclor-1248 {3}	11.42	16.30	35624	12733	1.024	0.713	#
		Total Aroclor-1248			96991	51239	3.102	2.392	
		Average Aroclor-1248					1.034	0.797	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-10A.D Vial: 84
Signal #2 : D:\HPCHEM\5\AU29\C845-10A.D\CONFIRM.D
Acq On : 01 Sep 96 10:33 AM Operator: JS
Sample : VHB/ PS3 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.03	15.59	22379	20234	0.717	0.749
21) L6 Aroclor-1254 {2}	13.48	15.83	35590	21228	0.824	0.730
22) L6 Aroclor-1254 {3}	15.87	17.69	27625	32692	0.860	0.821
Total Aroclor-1254			85594	74154	2.401	2.299
Average Aroclor-1254					0.800	0.766
23) L7 Aroclor-1260	13.97	18.32	16951	11912	0.488	0.373
24) L7 Aroclor-1260 {2}	14.75	18.64	16109	13521	0.396	0.376
25) L7 Aroclor-1260 {3}	17.97	22.06	6347	4378	0.110	0.082 #
Total Aroclor-1260			39407	29811	0.994	0.830
Average Aroclor-1260					0.331	0.277
26) L8 Aroclor-1268	18.91f	0.00	1098	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR\ 1242 = \frac{3.097 \times 10\,mL \times 1.5 \times 10^{DF}}{30.1 \times 0.9} = 17,022\ D$$

$$AR\ 1254 = \frac{1.684 \times 10\,mL \times 1.5 \times 10}{30.1 \times 0.9} = 9,300\ D$$

KC

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

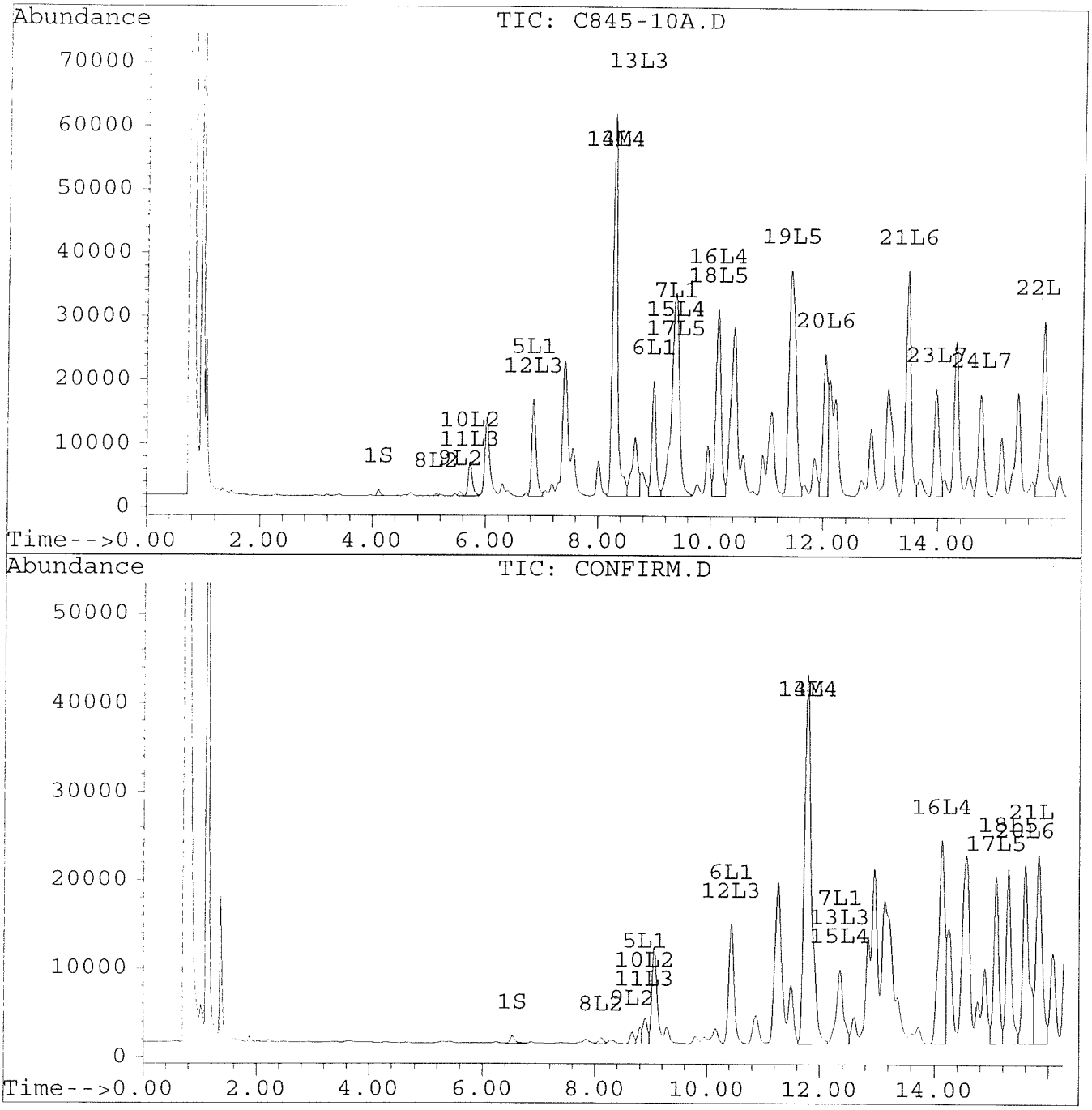
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-10A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-10A.D\CONFIRM.D
Acq On : 01 Sep 96 10:33 AM
Sample : VHB/ PS3 1:10 DILUTION
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Sep 1 11:07 1996

Vial: 84
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



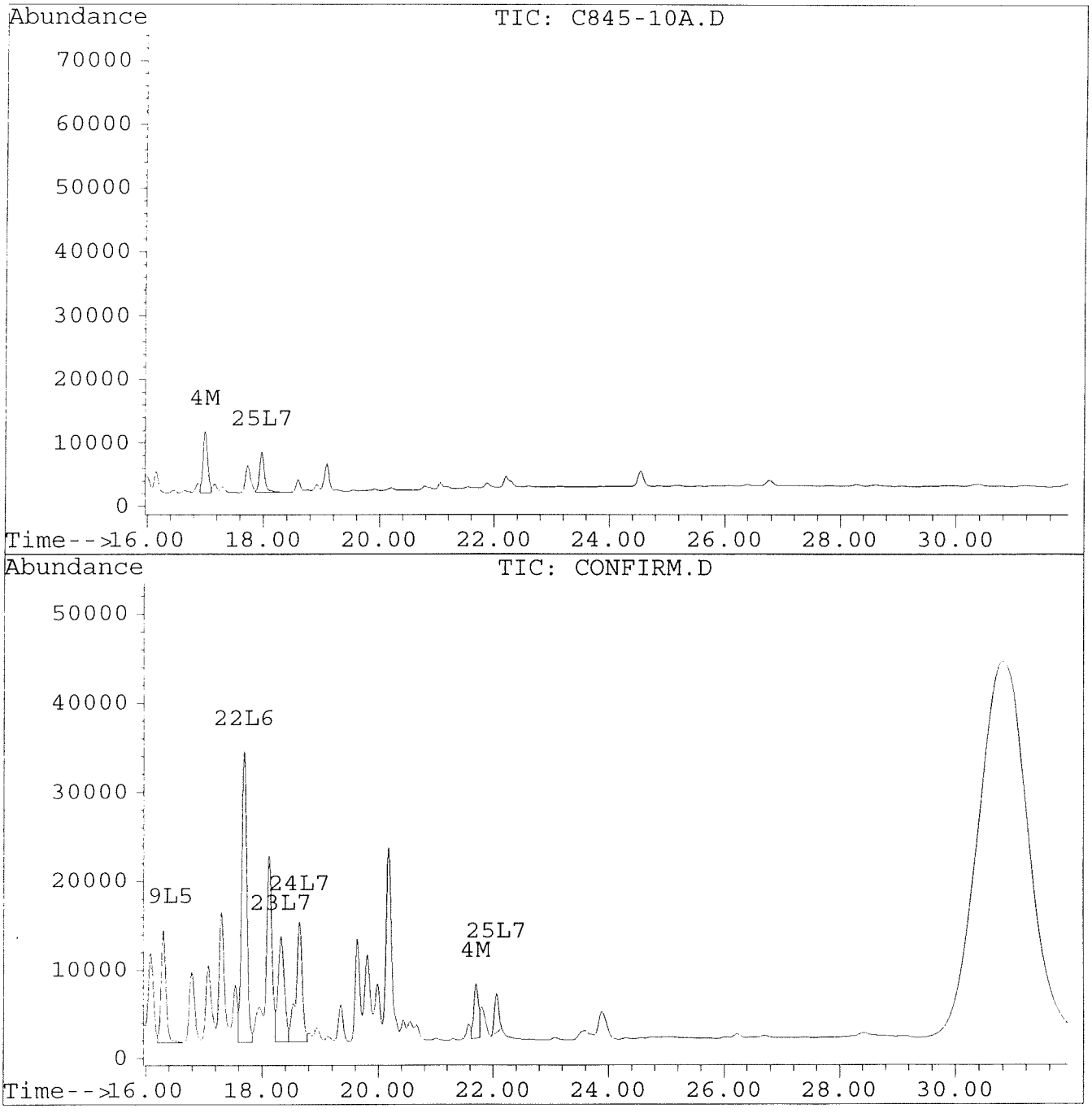
0225

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-10A.D Vial: 84
Signal #2 : D:\HPCHEM\5\AU29\C845-10A.D\CONFIRM.D
Acq On : 01 Sep 96 10:33 AM Operator: JS
Sample : VHB/ PS3 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 11:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0097

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-11.D Vial: 30
Signal #2 : D:\HPCHEM\5\AU26A\C845-11.D\CONFIRM.D
Acq On : 27 Aug 96 11:17 AM Operator: JS
Sample : VHB/ PT1 Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 11:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	6944	5858	0.029	0.031
				Recovery	=	72.50%	77.50%
2) S	Decachlorobiphenyl	22.31	0.00	1696	0	0.008	N.D. #
				Recovery	=	20.00%	0.00%
						ID	
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.27	11.77	818	548	0.007	0.006
4) M	2,2',3,3',4,4'-Hexa	16.99	21.70	4993	3261	0.027	0.021
5) L1	Aroclor-1016	6.85	8.90	379	318	0.012	0.024 #
6) L1	Aroclor-1016 {2}	9.00	10.43	157	595	0.009	0.021 #
7) L1	Aroclor-1016 {3}	9.35f	0.00	6132	0	0.236	N.D. #
Total	Aroclor-1016			6667	913	0.257	0.045
Average	Aroclor-1016					0.086	0.022
8) L2	Aroclor-1221	0.00	8.13	0	209	N.D.	0.034 #
9) L2	Aroclor-1221 {2}	0.00	8.67	0	458	N.D.	0.094 #
10) L2	Aroclor-1221 {3}	5.71	8.90	385	318	0.019	0.021
Total	Aroclor-1221			385	985	0.019	0.149
Average	Aroclor-1221					0.019	0.050
11) L3	Aroclor-1232	5.71	8.90	385	318	0.021	0.022
12) L3	Aroclor-1232 {2}	6.85	10.43	379	595	0.028	0.049 #
13) L3	Aroclor-1232 {3}	8.66	0.00	357	0	0.043	N.D. #
Total	Aroclor-1232			1121	913	0.092	0.072
Average	Aroclor-1232					0.031	0.036
14) L4	Aroclor-1242	8.27	11.77	818	548	0.020	0.018
15) L4	Aroclor-1242 {2}	9.35	0.00	6132	0	0.315	N.D. #
16) L4	Aroclor-1242 {3}	10.13	14.13	2843	2279	0.168	0.171
Total	Aroclor-1242			9793	2828	0.503	0.190
Average	Aroclor-1242					0.168	0.095
17) L5	Aroclor-1248	9.35	15.08	6132	3336	0.193	0.148
18) L5	Aroclor-1248 {2}	10.13	15.30	2843	1376	0.104	0.059 #
19) L5	Aroclor-1248 {3}	11.41	16.31	13050	1059	0.375	0.059 #
Total	Aroclor-1248			22025	5771	0.672	0.266
Average	Aroclor-1248					0.224	0.089

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0228

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-11.D Vial: 30
Signal #2 : D:\HPCHEM\5\AU26A\C845-11.D\CONFIRM.D
Acq On : 27 Aug 96 11:17 AM Operator: JS
Sample : VHB/ PT1 Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 11:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	12086	11334	0.387	0.420
21) L6	Aroclor-1254 {2}	13.48	15.83	18852	11282	0.437	0.388
22) L6	Aroclor-1254 {3}	15.87	17.69	15934	16656	0.496	0.418
Total	Aroclor-1254			46871	39272	1.320	1.225
Average	Aroclor-1254					0.440	0.408
23) L7	Aroclor-1260	13.98	18.32	9187	6569	0.265	0.205
24) L7	Aroclor-1260 {2}	14.76	18.64	9019	7592	0.222	0.211
25) L7	Aroclor-1260 {3}	17.98	22.06	9056	2193	0.157	0.041 #
Total	Aroclor-1260			27262	16353	0.643	0.458
Average	Aroclor-1260					0.214	0.153
26) L8	Aroclor-1268	0.00	23.33	0	6995	N.D.	1.629 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.08	0	4091	N.D.	NoCal
Total	Aroclor-1268			0	6995	N.D.	1.629
Average	Aroclor-1268					0.000	1.629

$\frac{1.225\ \mu g/mL \times 10\ mL}{0.0304\ Kg \times .9} = 447\ \mu g/Kg$

450

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0229

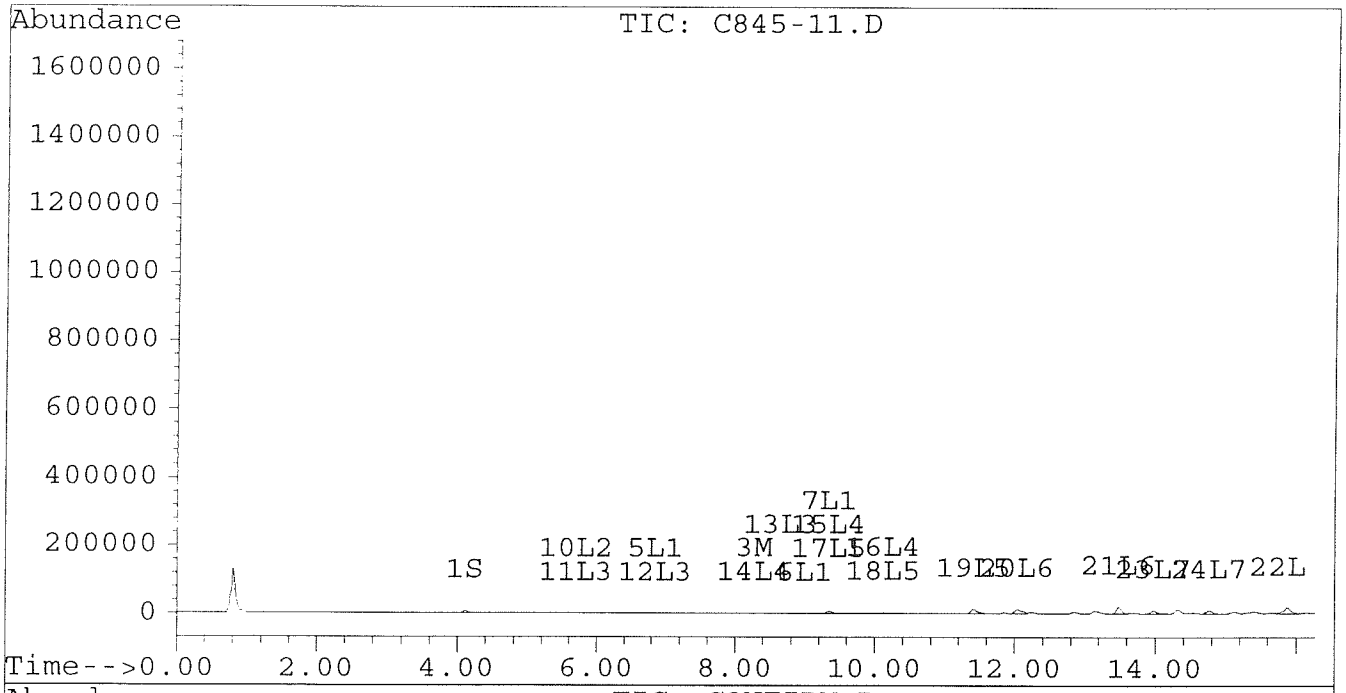
Quantitation Report

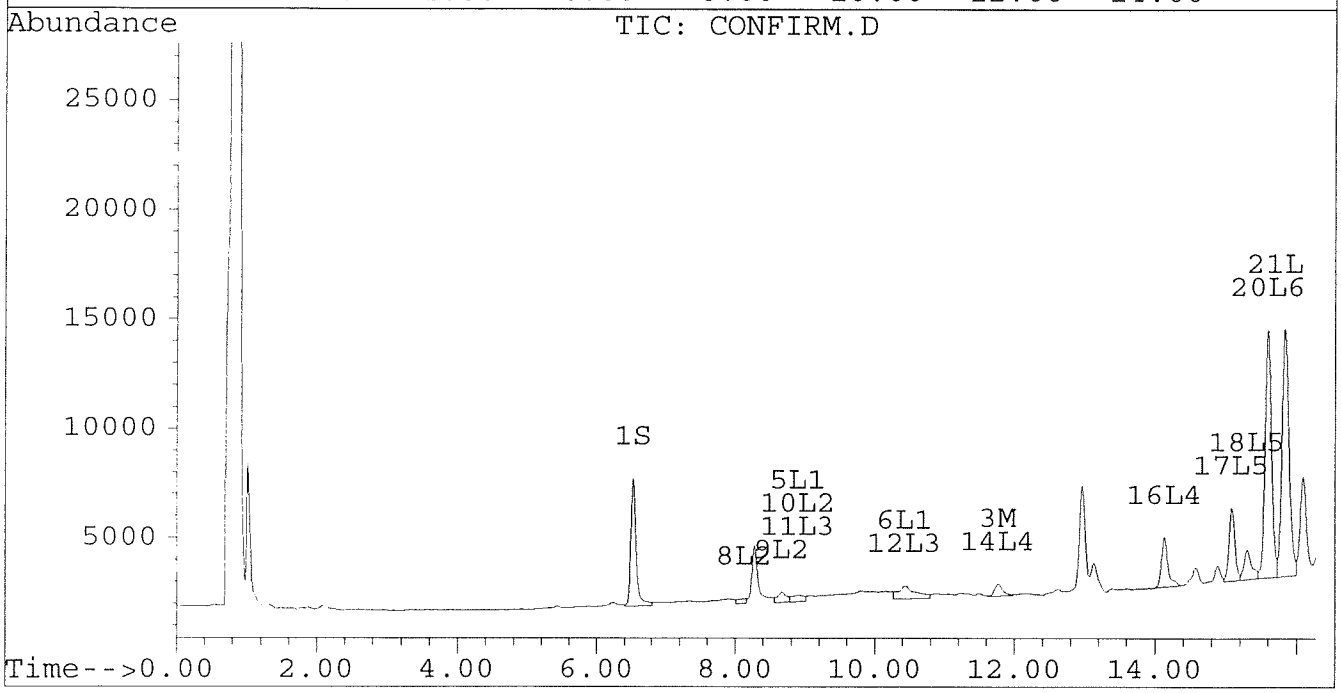
Signal #1 : D:\HPCHEM\5\AU26A\C845-11.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-11.D\CONFIRM.D
Acq On : 27 Aug 96 11:17 AM
Sample : VHB/ PT1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Aug 27 11:51 1996

Vial: 30
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





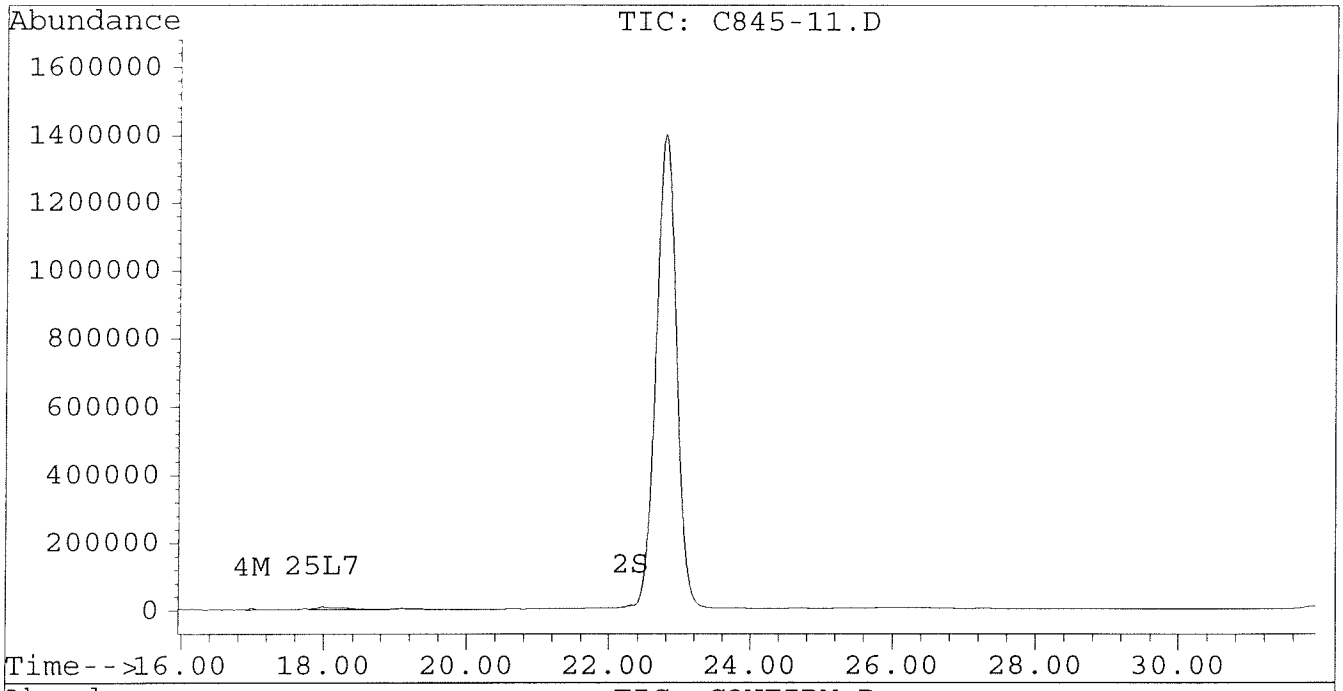
0230

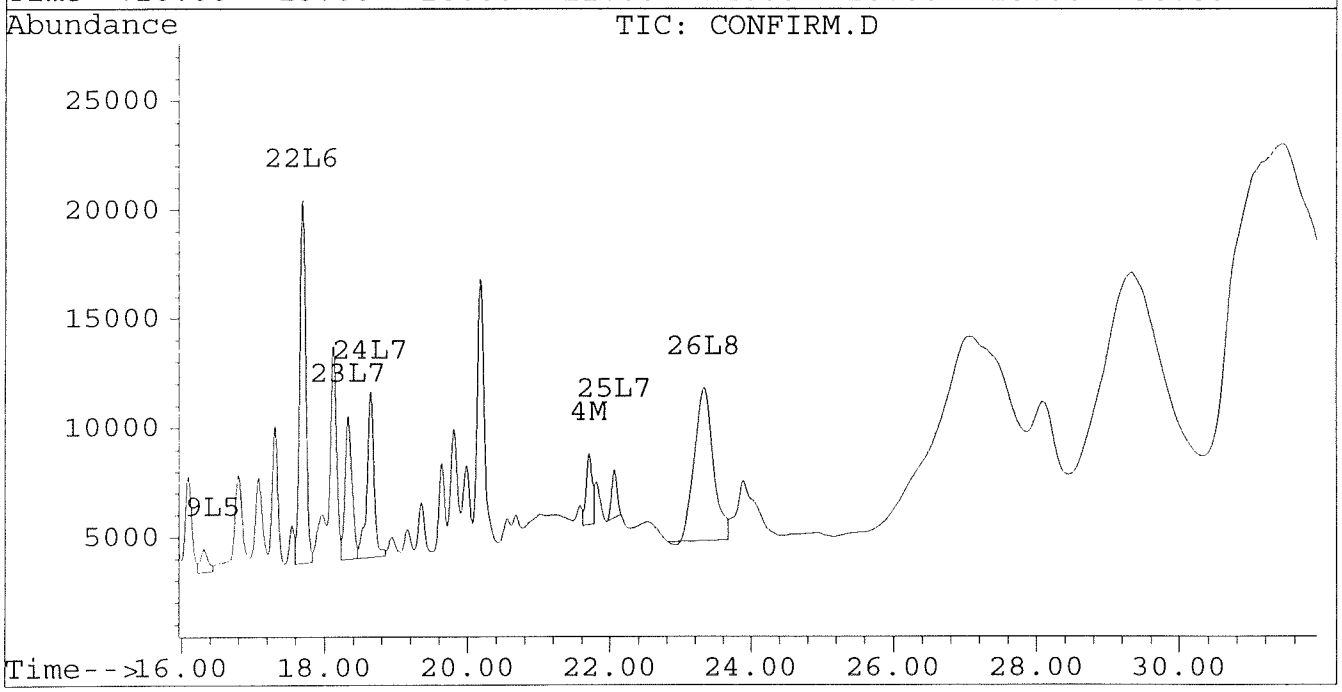
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-11.D Vial: 30
Signal #2 : D:\HPCHEM\5\AU26A\C845-11.D\CONFIRM.D
Acq On : 27 Aug 96 11:17 AM Operator: JS
Sample : VHB/ PT1 Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 11:51 1996

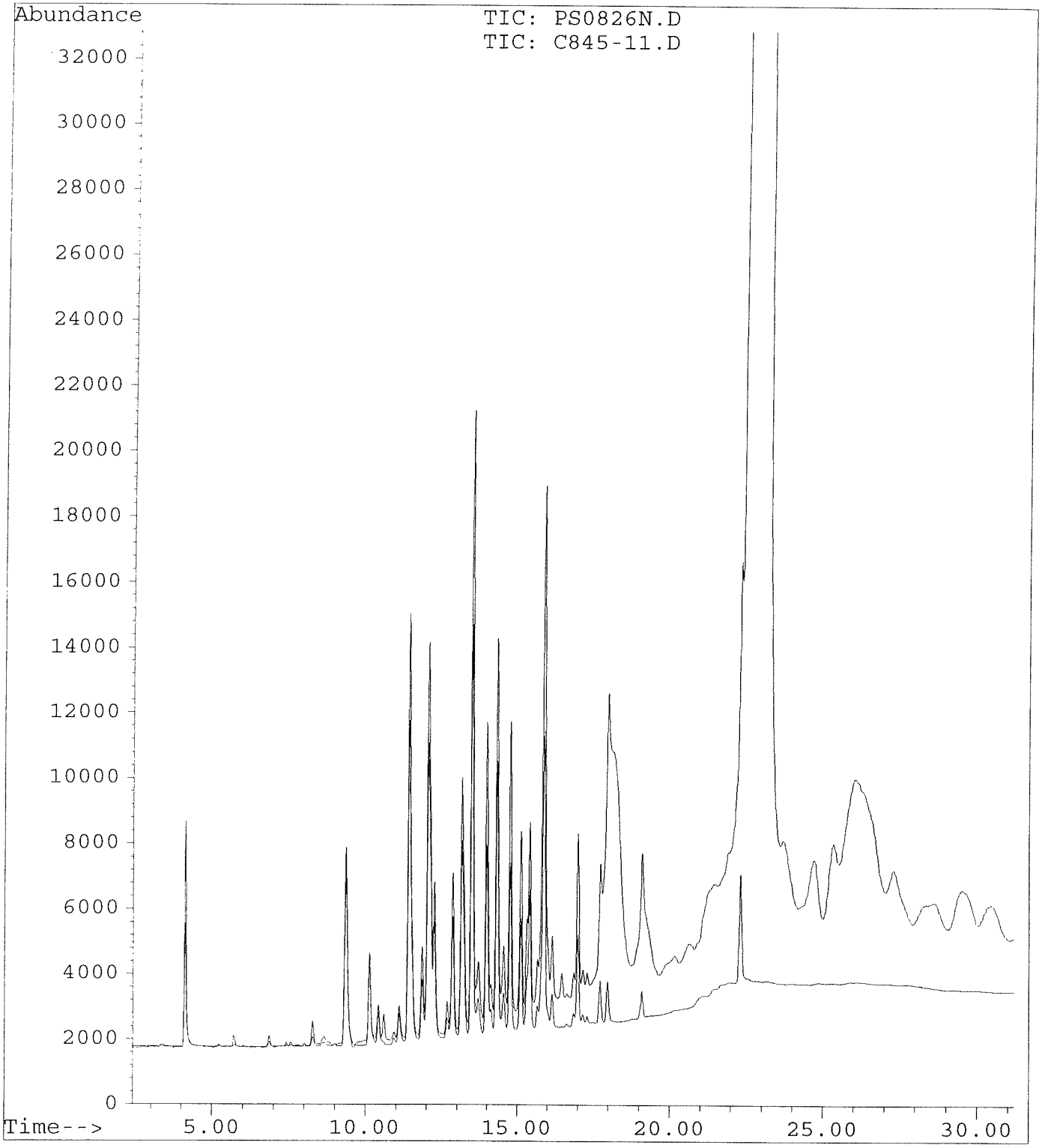
Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





File : D:\HPCHEM\5\AU26A\PS0826N.D
Operator : JS
Acquired : 27 Aug 96 04:36 AM using AcqMethod PCB1G.MTH
Instrument : ECD1
Sample Name: AR1254 1.0 UG/ML
Misc Info :
Vial Number: 19



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-12.D Vial: 35
Signal #2 : D:\HPCHEM\5\AU26A\C845-12.D\CONFIRM.D
Acq On : 27 Aug 96 02:14 PM Operator: JS
Sample : VHB/ PT2 Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 14:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	6994	5985	0.029	0.031	
					Recovery	=	72.50%	77.50%	
2)	S	Decachlorobiphenyl	0.00	30.72	0	2729	N.D.	0.031	#
					Recovery	=	0.00%	77.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	422869	318661	3.861	3.327	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	61836	45132	0.331	0.288	
5)	L1	Aroclor-1016	6.85	8.90	65222	14229	2.037	1.057	#
6)	L1	Aroclor-1016 (2)	8.98	10.43	138569	58567	7.900	2.097	#
7)	L1	Aroclor-1016 (3)	9.38	12.36	201667	45856	7.778	2.657	#
	Total	Aroclor-1016			405458	118652	17.715	5.812	
	Average	Aroclor-1016					5.905	1.937	
8)	L2	Aroclor-1221	5.13	8.11	1802	5333	0.257	0.872	#
9)	L2	Aroclor-1221 (2)	5.55	8.66	4050	12231	0.694	2.508	#
10)	L2	Aroclor-1221 (3)	5.72	8.90	29926	14229	1.481	0.927	#
	Total	Aroclor-1221			35779	31794	2.433	4.307	
	Average	Aroclor-1221					0.811	1.436	
11)	L3	Aroclor-1232	5.72	8.90	29926	14229	1.641	0.993	#
12)	L3	Aroclor-1232 (2)	6.85	10.43	65222	58567	4.779	4.875	
13)	L3	Aroclor-1232 (3)	8.66	12.36	54702	45856	6.608	6.613	
	Total	Aroclor-1232			149850	118652	13.028	12.481	
	Average	Aroclor-1232					4.343	4.160	
14)	L4	Aroclor-1242	8.27	11.78	422869	318661	10.212	10.692	
15)	L4	Aroclor-1242 (2)	9.38	12.36	201667	45856	10.366	3.470	#
16)	L4	Aroclor-1242 (3)	10.13	14.13	197180	154005	11.671	11.575	
	Total	Aroclor-1242			821716	518522	32.249	25.737	
	Average	Aroclor-1242					10.750	8.579	
17)	L5	Aroclor-1248	9.38	15.08	201667	146996	6.336	6.525	
18)	L5	Aroclor-1248 (2)	10.13	15.30	197180	160110	7.199	6.859	
19)	L5	Aroclor-1248 (3)	11.43	16.30	246671	126569	7.089	7.088	
	Total	Aroclor-1248			645518	433676	20.624	20.473	
	Average	Aroclor-1248					6.875	6.824	

to be dilute

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0233

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-12.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-12.D\CONFIRM.D
Acq On : 27 Aug 96 02:14 PM
Sample : VHB/ PT2
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 27 14:48 1996

Vial: 35
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	133916	124576	4.288	4.611
21) L6	Aroclor-1254 {2}	13.48	15.83	216971	131479	5.024	4.519
22) L6	Aroclor-1254 {3}	15.87	17.69	162281	204867	5.053	5.144
Total	Aroclor-1254			513168	460922	14.365	14.274
Average	Aroclor-1254					4.788	4.758
23) L7	Aroclor-1260	13.97	18.32	103189	68381	2.974	2.139 #
24) L7	Aroclor-1260 {2}	14.76	18.64	90109	79067	2.216	2.198
25) L7	Aroclor-1260 {3}	17.97	22.06	43668	31835	0.755	0.595
Total	Aroclor-1260			236966	179283	5.945	4.932
Average	Aroclor-1260					1.982	1.644
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

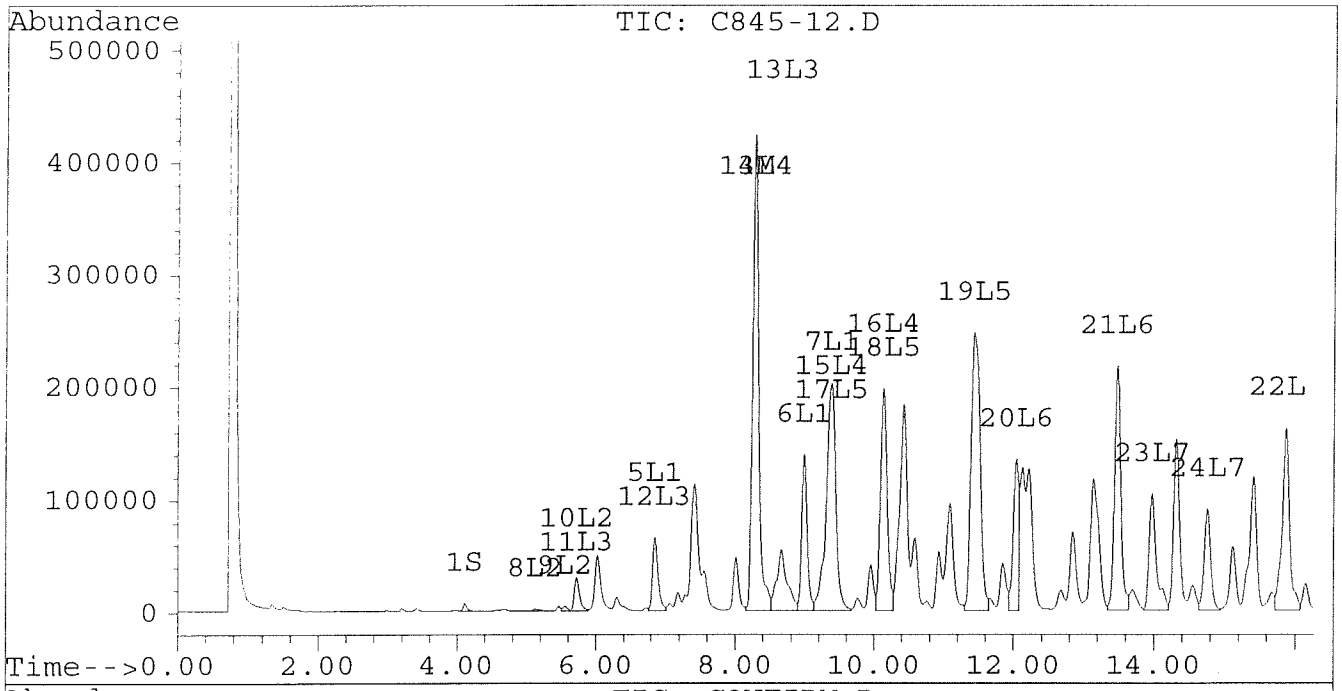
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

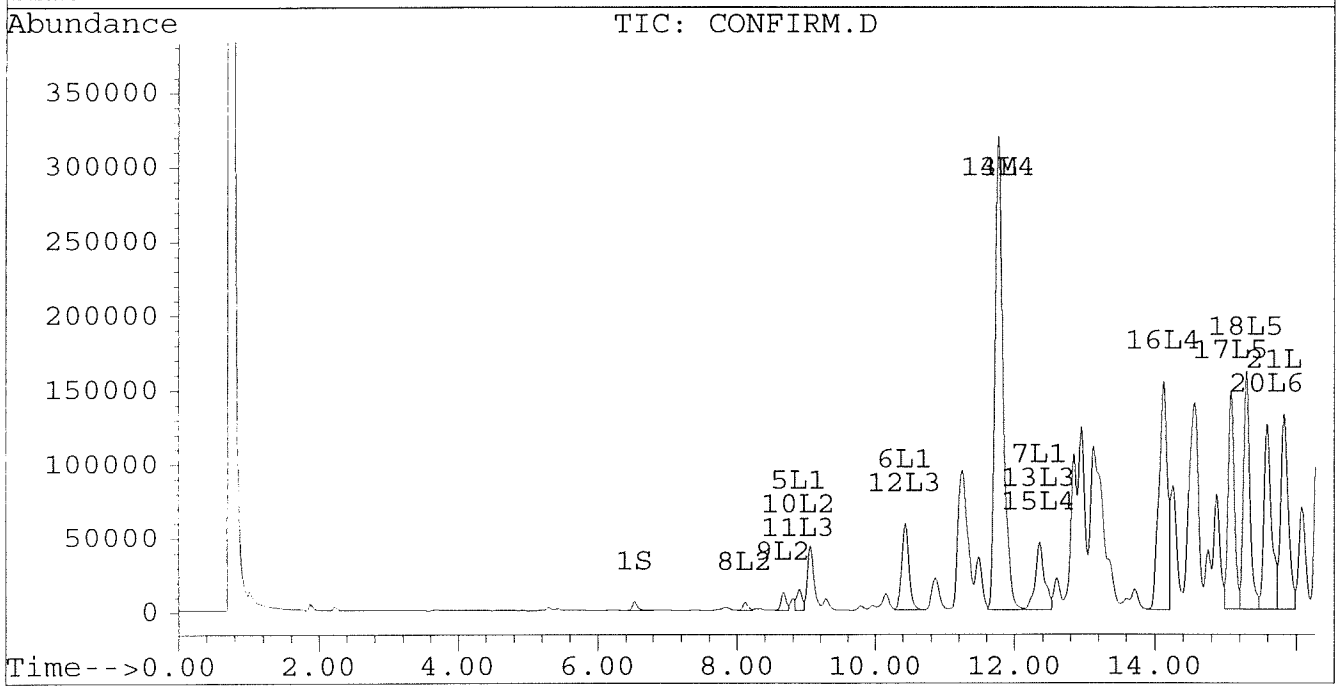
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-12.D Vial: 35
Signal #2 : D:\HPCHEM\5\AU26A\C845-12.D\CONFIRM.D
Acq On : 27 Aug 96 02:14 PM Operator: JS
Sample : VHB/ PT2 Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 14:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





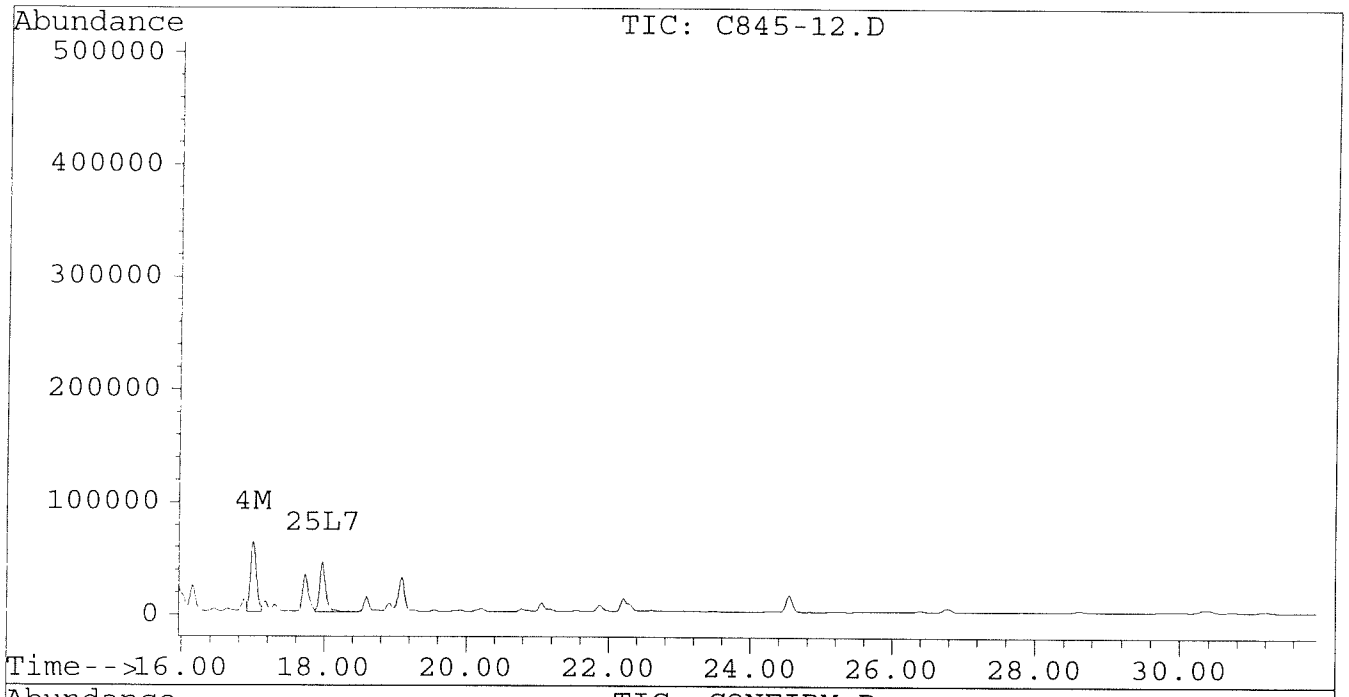
0235

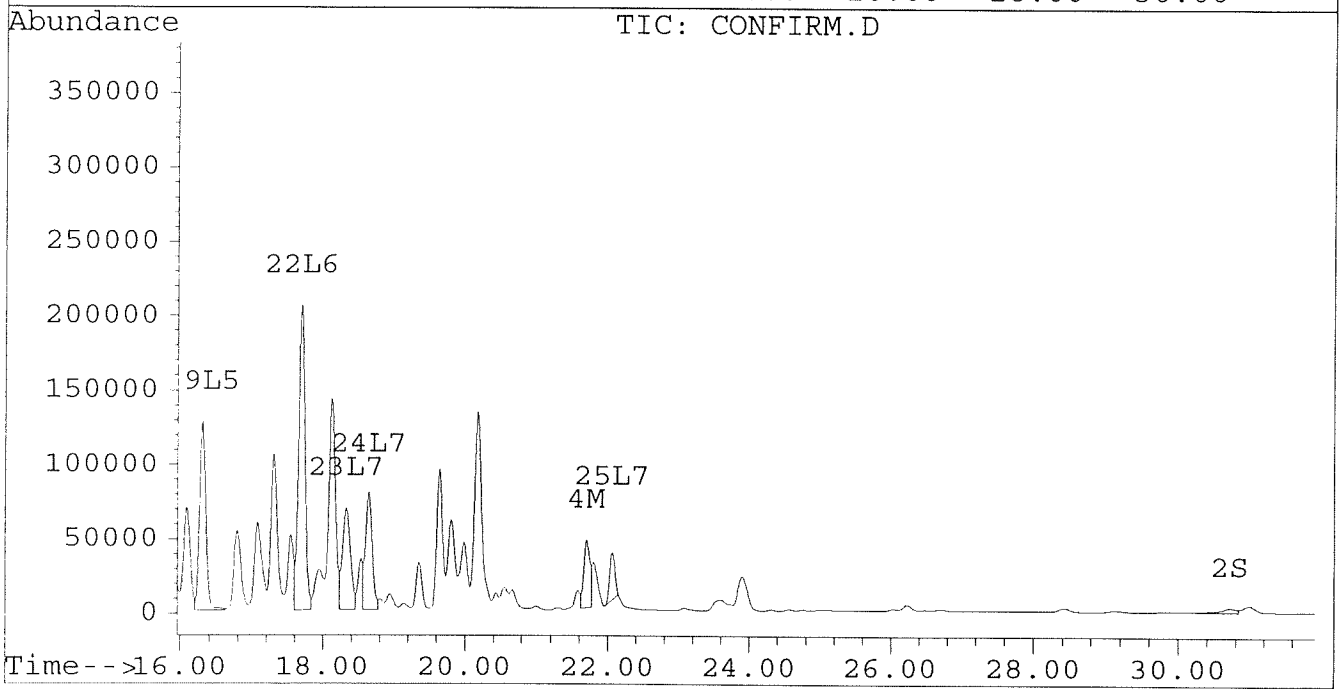
Signal #1 : D:\HPCHEM\5\AU26A\C845-12.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-12.D\CONFIRM.D
Acq On : 27 Aug 96 02:14 PM
Sample : VHB/ PT2
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 27 14:48 1996

Vial: 35
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0936

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-12B.D Vial: 30
Signal #2 : D:\HPCHEM\5\SE3\C845-12B.D\CONFIRM.D
Acq On : 04 Sep 96 08:58 AM Operator: JS
Sample : VHB/ PT2 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 4 9:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	788	656	0.003	0.003
				Recovery	=	7.50%	7.50%
2) S	Decachlorobiphenyl	22.19	30.50	600	447	0.003	0.005 #
				Recovery	=	7.50%	12.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.19	11.69	60424	44854	0.552	0.468
4) M	2,2',3,3',4,4'-Hexa	16.90	21.60	7256	4681	0.039	0.030
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 (3)	8.70	0.00	2829	0	0.342	N.D. #
	Total Aroclor-1232			2829	0	0.342	N.D.
	Average Aroclor-1232					0.342	0.000
14) L4	Aroclor-1242	8.19	11.69	60424	44854	1.459	1.505
15) L4	Aroclor-1242 (2)	9.30	12.27	31262	6219	1.607	0.471 #
16) L4	Aroclor-1242 (3)	10.05	14.04	29326	22618	1.736	1.700
	Total Aroclor-1242			121011	73692	4.802	3.676
	Average Aroclor-1242					1.601	1.225
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0237

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-12B.D Vial: 30
Signal #2 : D:\HPCHEM\5\SE3\C845-12B.D\CONFIRM.D
Acq On : 04 Sep 96 08:58 AM Operator: JS
Sample : VHB/ PT2 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 4 9:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	20174	18510	0.646	0.685
21) L6 Aroclor-1254 {2}	13.40	15.74	30552	19693	0.707	0.677
22) L6 Aroclor-1254 {3}	15.78	17.59	21453	28198	0.668	0.708
Total Aroclor-1254			72179	66401	2.021	2.070
Average Aroclor-1254					0.674	0.690
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	875	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	3262	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	556	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR\ 1242 = \frac{3.066 \times 10mL \times 1.5 \times 10^{DF}}{30.3 \times 0.91} = 17,000$$

$$AR\ 1254 = \frac{1.375 \times 10mL \times 1.5 \times 10}{30.3 \times 0.91} = 7500$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

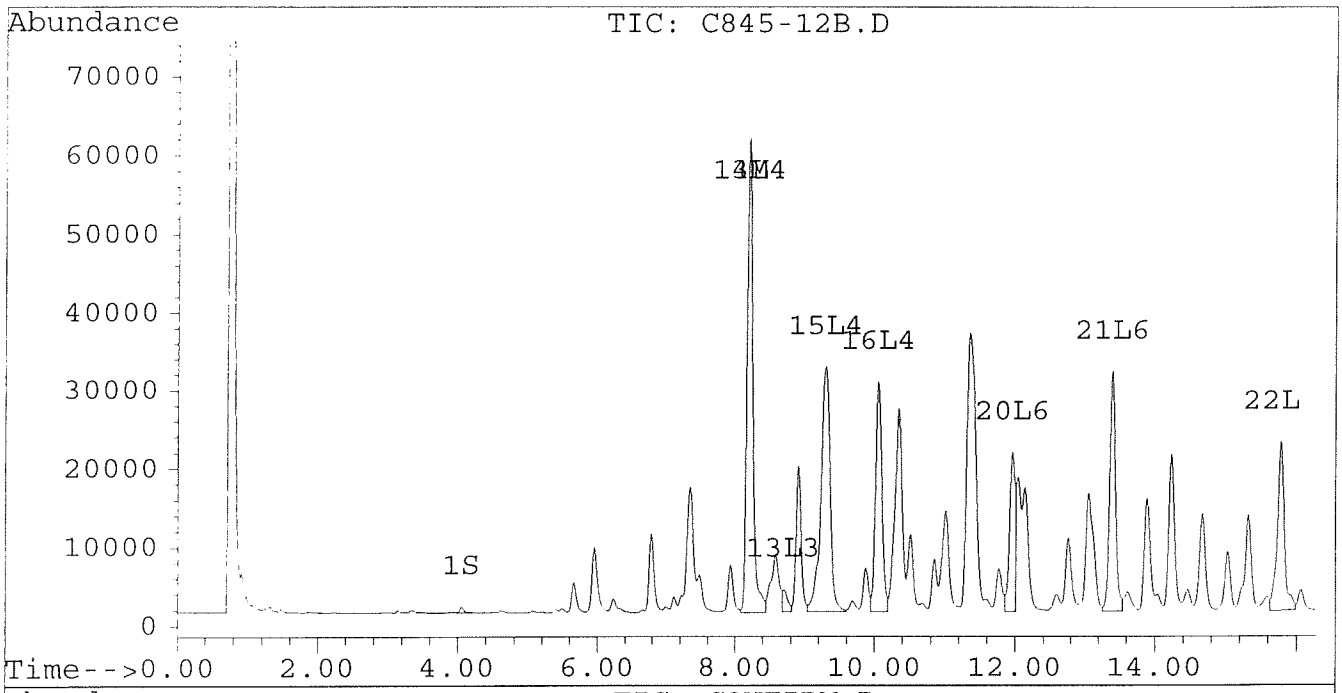
0222

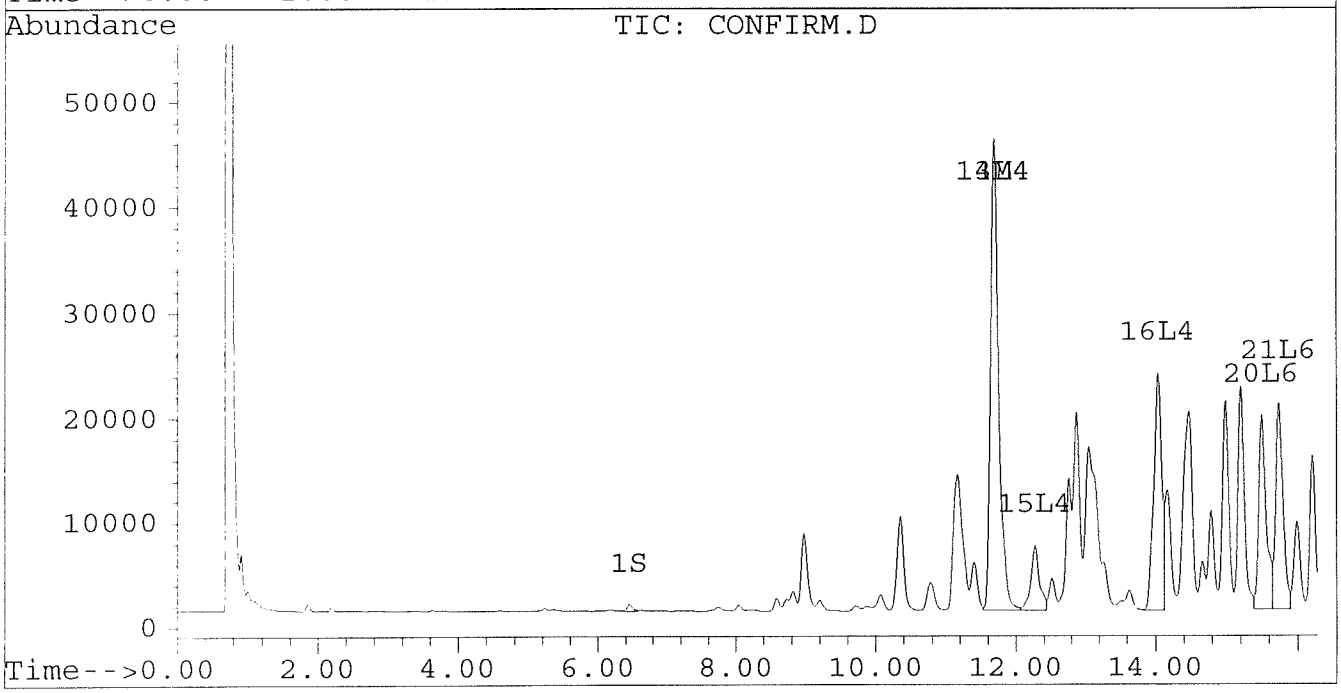
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-12B.D Vial: 30
Signal #2 : D:\HPCHEM\5\SE3\C845-12B.D\CONFIRM.D
Acq On : 04 Sep 96 08:58 AM Operator: JS
Sample : VHB/ PT2 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 4 9:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0239

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-12B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-12B.D\CONFIRM.D
Acq On : 04 Sep 96 08:58 AM
Sample : VHB/ PT2 1:10 DILUTION
Misc : 30.3G/10ML 91% SOLID
Quant Time: Sep 4 9:32 1996

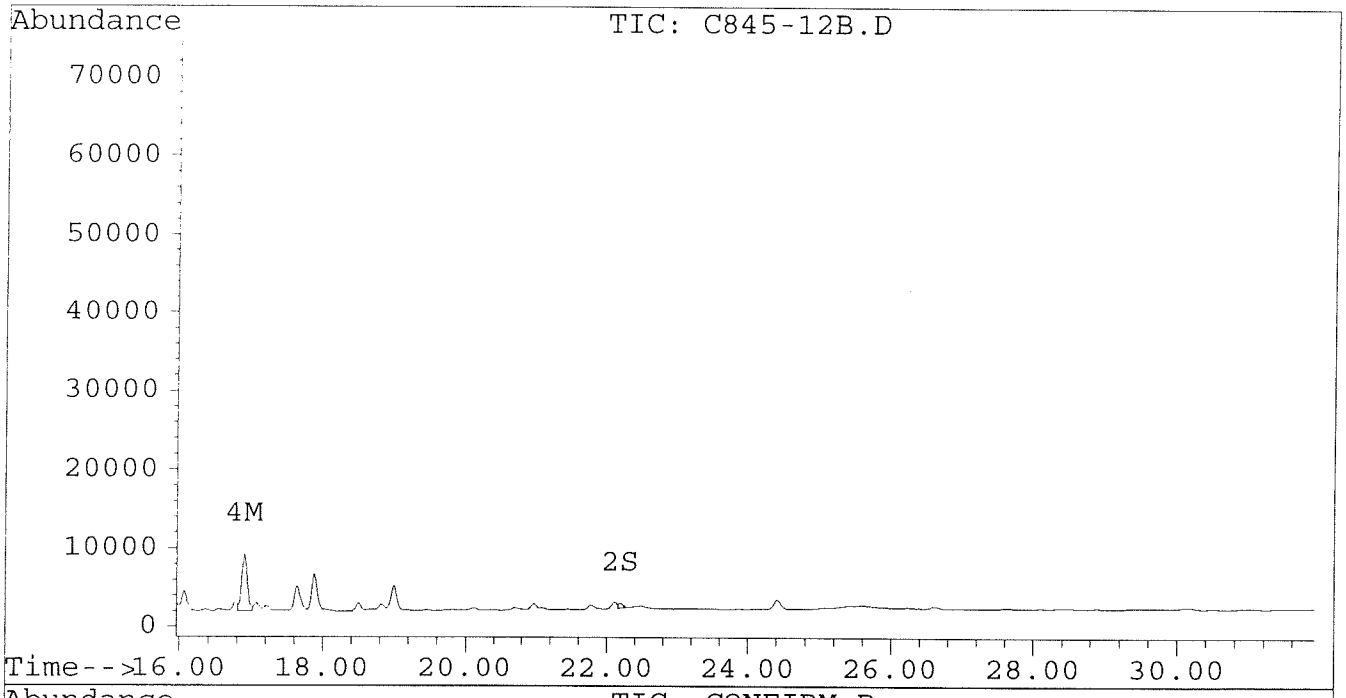
Vial: 30

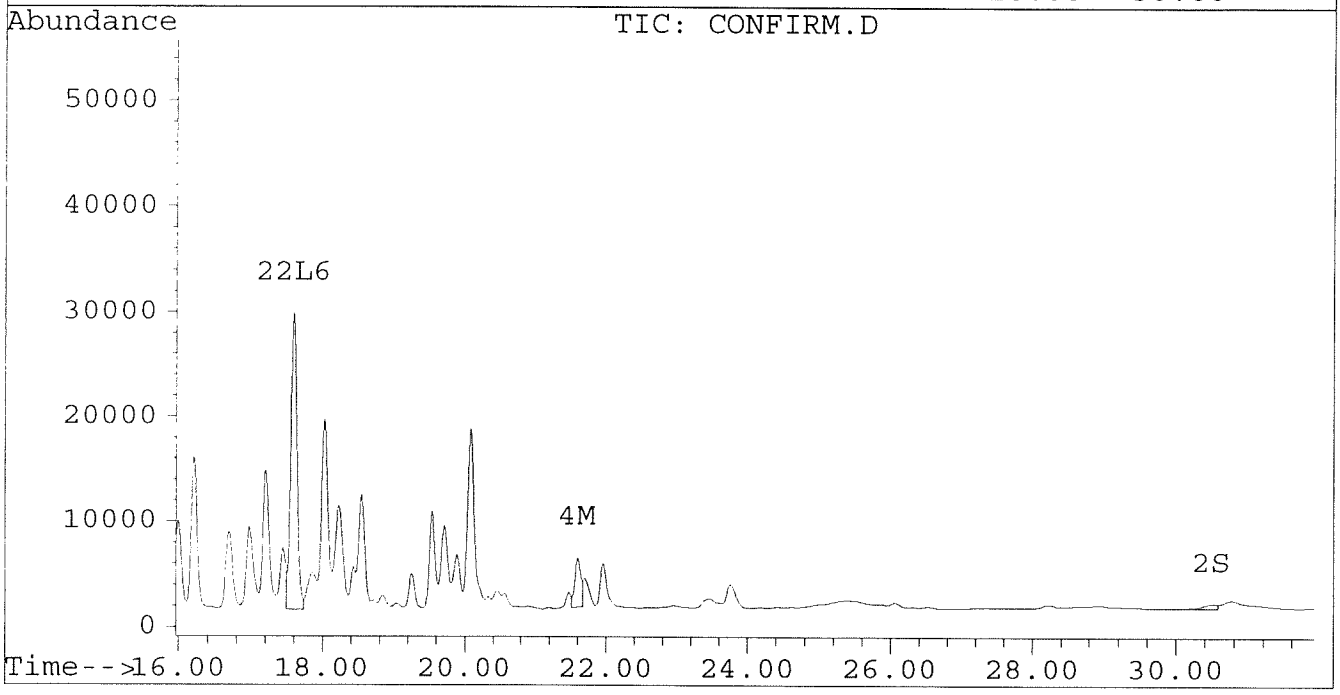
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0240

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-13.D Vial: 36
Signal #2 : D:\HPCHEM\5\AU26A\C845-13.D\CONFIRM.D
Acq On : 27 Aug 96 02:50 PM Operator: JS
Sample : VHB/ PT3 Inst : ECD1
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 15:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	9185	7291	0.038	0.038	
					Recovery	=	95.00%	95.00%	
2)	S	Decachlorobiphenyl	22.30	30.72	6955	3066	0.033	0.035	
					Recovery	=	82.50%	87.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	53248	37463	0.486	0.391	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	10371	5626	0.055	0.036	#
5)	L1	Aroclor-1016	6.85	8.90	10419	2434	0.325	0.181	#
6)	L1	Aroclor-1016 {2}	8.98	10.43	15370	9221	0.876	0.330	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	24866	7091	0.959	0.411	#
	Total	Aroclor-1016			50656	18747	~~2.161~~	~~0.922~~	
Average		Aroclor-1016					0.720	0.307	
8)	L2	Aroclor-1221	5.13	8.12	305	909	0.044	0.149	#
9)	L2	Aroclor-1221 {2}	5.55	8.66	660	1992	0.113	0.408	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	5151	2434	0.255	0.159	#
	Total	Aroclor-1221			6116	5335	~~0.412~~	~~0.715~~	
Average		Aroclor-1221					0.137	0.238	
11)	L3	Aroclor-1232	5.72	8.90	5151	2434	0.282	0.170	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	10419	9221	0.763	0.768	
13)	L3	Aroclor-1232 {3}	8.66	12.36	7768	7091	0.938	1.023	
	Total	Aroclor-1232			23338	18747	~~1.984~~	1.960	
Average		Aroclor-1232					0.661	0.653	
14)	L4	Aroclor-1242	8.27	11.78	53248	37463	1.286	1.257	
15)	L4	Aroclor-1242 {2}	9.38	12.36	24866	7091	1.278	0.537	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	23719	18141	1.404	1.364	
	Total	Aroclor-1242			101833	62695	3.968	3.157	
Average		Aroclor-1242					1.323	1.052	
17)	L5	Aroclor-1248	9.38	15.08	24866	16754	0.781	0.744	
18)	L5	Aroclor-1248 {2}	10.13	15.30	23719	18381	0.866	0.787	
19)	L5	Aroclor-1248 {3}	11.43	16.30	30537	12602	0.878	0.706	
	Total	Aroclor-1248			79122	47737	~~2.525~~	~~2.237~~	
Average		Aroclor-1248					0.842	0.746	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0241

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-13.D Vial: 36
Signal #2 : D:\HPCHEM\5\AU26A\C845-13.D\CONFIRM.D
Acq On : 27 Aug 96 02:50 PM Operator: JS
Sample : VHB/ PT3 Inst : ECD1
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 15:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	19026	17200	0.609	0.637
21) L6 Aroclor-1254 {2}	13.48	15.83	32071	18043	0.743	0.620
22) L6 Aroclor-1254 {3}	15.87	17.69	27272	28449	0.849	0.714
Total Aroclor-1254			78369	63692	2.201	1.971
Average Aroclor-1254					0.734	0.657
23) L7 Aroclor-1260	13.98	18.32	16419	11149	0.473	0.349 #
24) L7 Aroclor-1260 {2}	14.76	18.64	14973	13360	0.368	0.371
25) L7 Aroclor-1260 {3}	17.97	22.06	11685	6366	0.202	0.119 #
Total Aroclor-1260			43077	30874	1.044	0.839
Average Aroclor-1260					0.348	0.280
26) L8 Aroclor-1268	0.00	23.32	0	3706	N.D.	0.863 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.10	0	1405	N.D.	NoCal
Total Aroclor-1268			0	3706	N.D.	0.863
Average Aroclor-1268					0.000	0.863

AR1242

$$\frac{2.564\ \mu g/mL \times 10\ mL}{0.0303 \times .95 \times .666} = 1,337\ \mu g/kg$$ 1300

AR1254

$$\frac{1.33 \times 10}{0.0303 \times .95 \times .666} = 693\ \mu g/kg$$

690

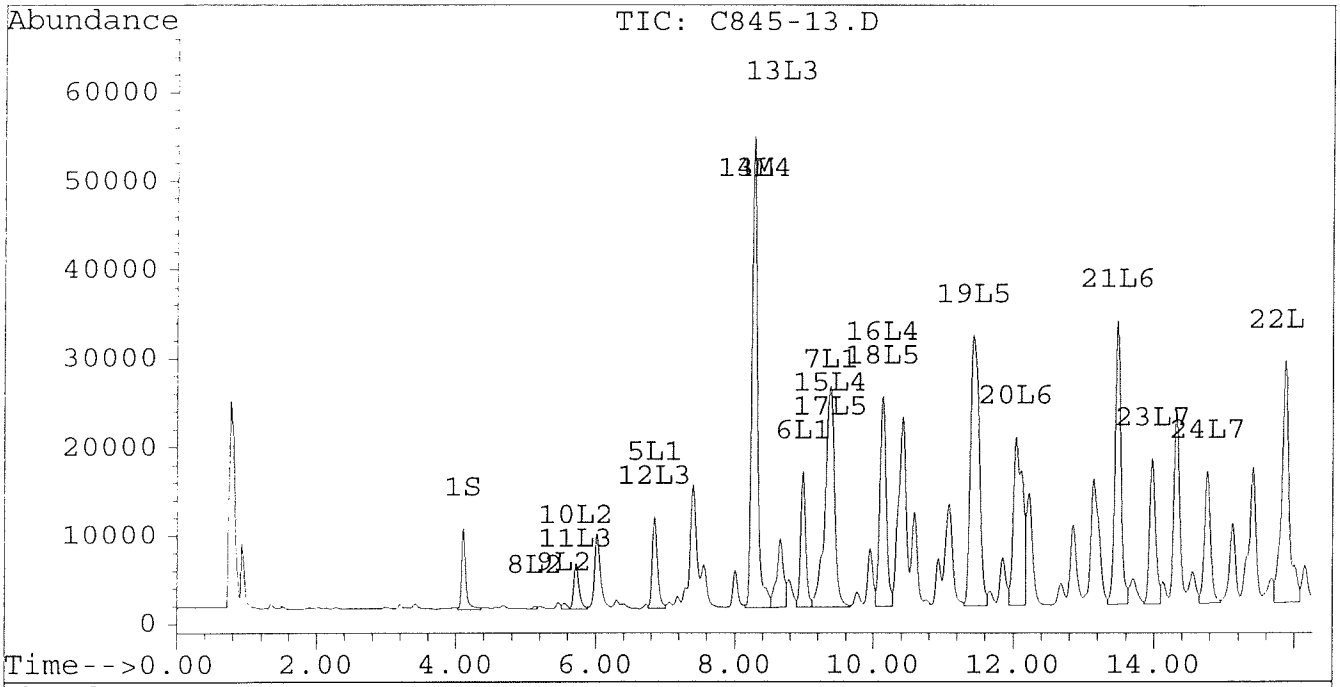
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

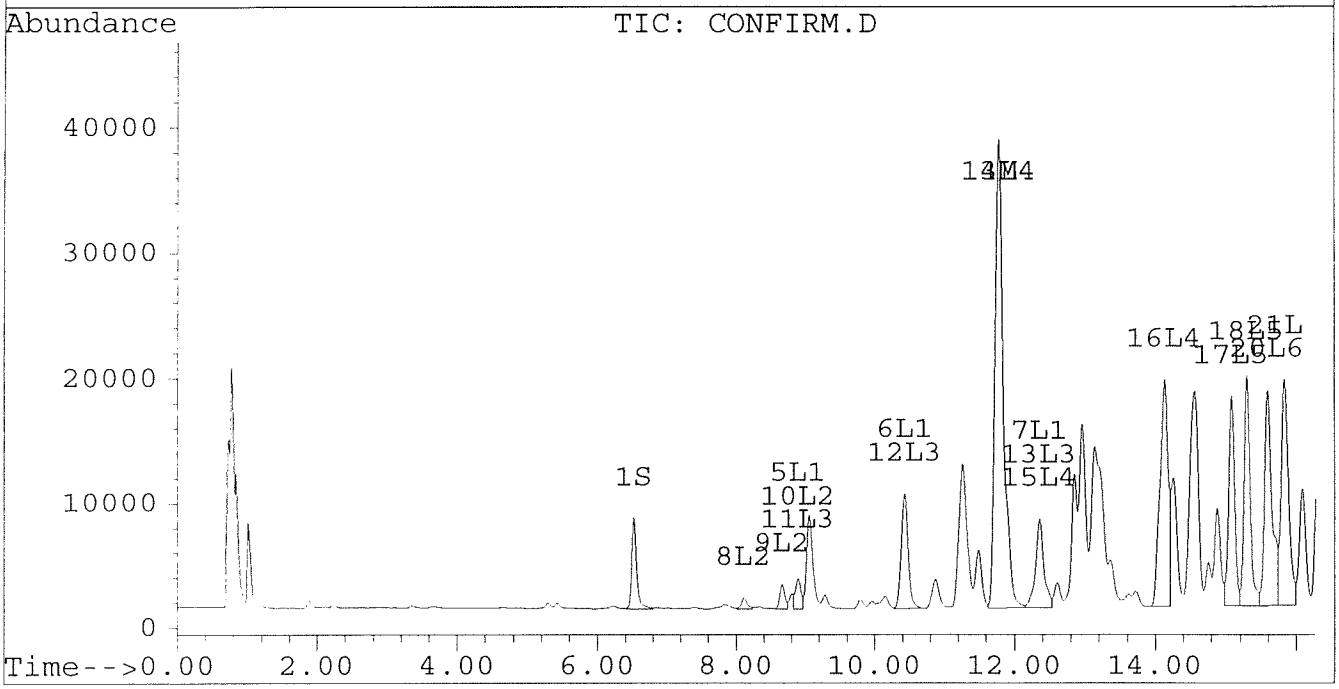
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-13.D Vial: 36
Signal #2 : D:\HPCHEM\5\AU26A\C845-13.D\CONFIRM.D
Acq On : 27 Aug 96 02:50 PM Operator: JS
Sample : VHB/ PT3 Inst : ECD1
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 15:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0243

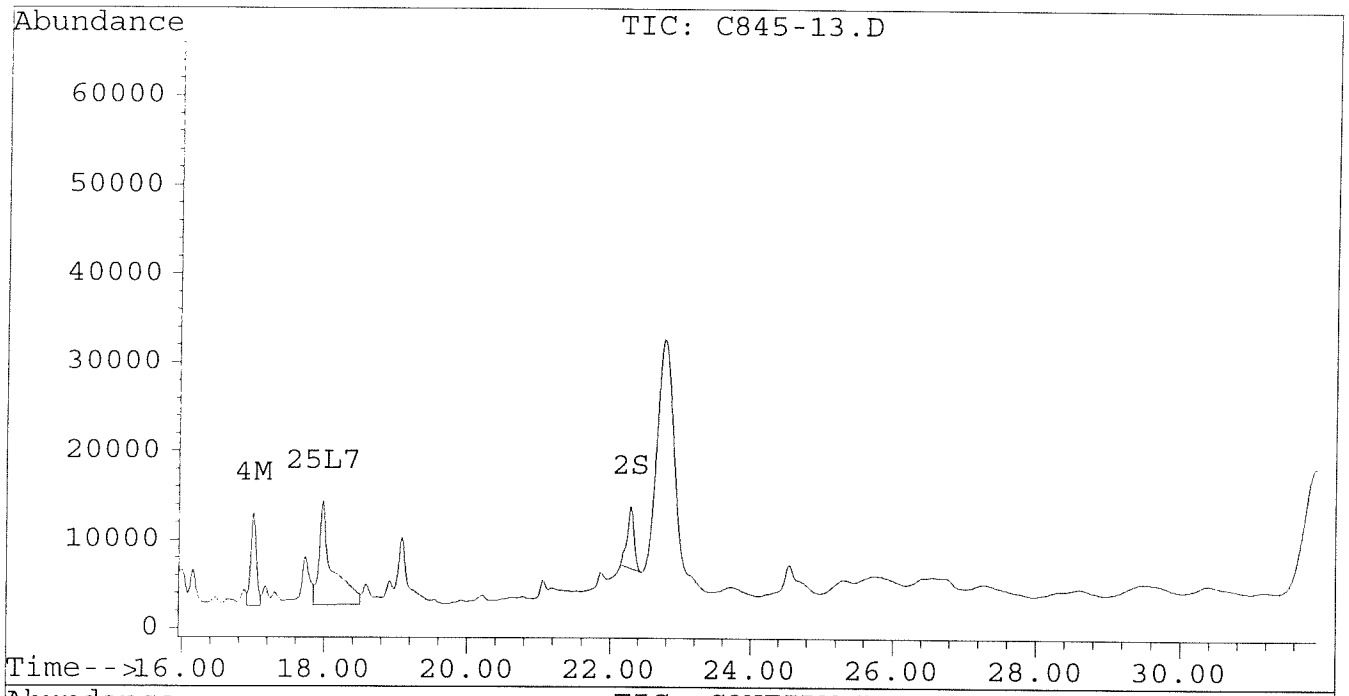
Quantitation Report

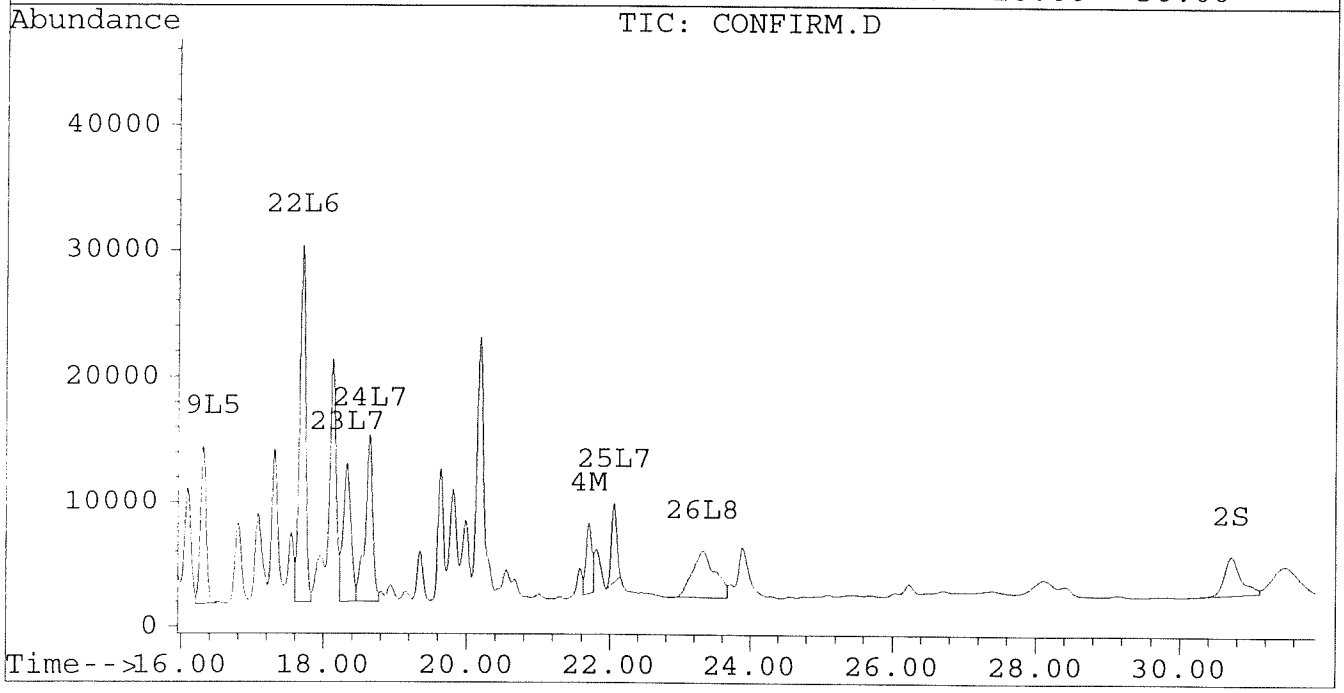
Signal #1 : D:\HPCHEM\5\AU26A\C845-13.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-13.D\CONFIRM.D
Acq On : 27 Aug 96 02:50 PM
Sample : VHB/ PT3
Misc : 30.3G/10ML 95% SOLID PCB ANALYSIS
Quant Time: Aug 27 15:24 1996

Vial: 36
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-14.D Vial: 37
Signal #2 : D:\HPCHEM\5\AU26A\C845-14.D\CONFIRM.D
Acq On : 27 Aug 96 03:25 PM Operator: JS
Sample : VHB/ PU1 Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	8984	7351	0.038	0.038	
				Recovery	=	95.00%	95.00%	
2)	S Decachlorobiphenyl	22.30	30.72	6439	2662	0.030	0.030	
				Recovery	=	75.00%	75.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	8691	5784	0.079	0.060	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.70	3249	1777	0.017	0.011	#
5)	L1 Aroclor-1016	6.85	8.90	1798	413	0.056	0.031	#
6)	L1 Aroclor-1016 (2)	8.99	10.43	2286	1717	0.130	0.061	#
7)	L1 Aroclor-1016 (3)	9.37	12.36	7478	1127	0.288	0.065	#
	Total Aroclor-1016			11562	3257	0.475	0.157	
	Average Aroclor-1016					0.158	0.052	
8)	L2 Aroclor-1221	5.13	8.12	44	92	0.006	0.015	#
9)	L2 Aroclor-1221 (2)	5.56	8.67	97	119	0.017	0.024	#
10)	L2 Aroclor-1221 (3)	5.73	8.90	672	413	0.033	0.027	
	Total Aroclor-1221			813	624	0.056	0.066	
	Average Aroclor-1221					0.019	0.022	
11)	L3 Aroclor-1232	5.73	8.90	672	413	0.037	0.029	
12)	L3 Aroclor-1232 (2)	6.85	10.43	1798	1717	0.132	0.143	
13)	L3 Aroclor-1232 (3)	8.66	12.36	1203	1127	0.145	0.163	
	Total Aroclor-1232			3672	3257	0.314	0.334	
	Average Aroclor-1232					0.105	0.111	
14)	L4 Aroclor-1242	8.27	11.78	8691	5784	0.210	0.194	
15)	L4 Aroclor-1242 (2)	9.37	12.36	7478	1127	0.384	0.085	#
16)	L4 Aroclor-1242 (3)	10.13	14.13	5842	4391	0.346	0.330	
	Total Aroclor-1242			22012	11302	0.940	0.609	
	Average Aroclor-1242					0.313	0.203	
17)	L5 Aroclor-1248	9.37	15.08	7478	4671	0.235	0.207	
18)	L5 Aroclor-1248 (2)	10.13	15.30	5842	4189	0.213	0.179	
19)	L5 Aroclor-1248 (3)	11.43	16.31	9535	2578	0.274	0.144	#
	Total Aroclor-1248			22855	11439	0.722	0.531	
	Average Aroclor-1248					0.241	0.177	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0245

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-14.D Vial: 37
Signal #2 : D:\HPCHEM\5\AU26A\C845-14.D\CONFIRM.D
Acq On : 27 Aug 96 03:25 PM Operator: JS
Sample : VHB/ PU1 Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	7201	5317	0.231	0.197
21) L6	Aroclor-1254 {2}	13.48	15.83	11264	6427	0.261	0.221
22) L6	Aroclor-1254 {3}	15.87	17.69	9272	9834	0.289	0.247
Total	Aroclor-1254			27737	21578	0.780	0.665
Average	Aroclor-1254					0.260	0.222
23) L7	Aroclor-1260	13.98	18.33	5649	3778	0.163	0.118 #
24) L7	Aroclor-1260 {2}	14.76	18.64	6432	4457	0.158	0.124
25) L7	Aroclor-1260 {3}	17.97	22.06	2417	1349	0.042	0.025 #
Total	Aroclor-1260			14498	9583	0.363	0.267
Average	Aroclor-1260					0.121	0.089
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.50	0	900	N.D.	NoCal
28) L8	Aroclor-1268 {3}	21.86f	28.12	755	258	NoCal	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$$\frac{0.594 \times 10}{0.0301 \times .95 \times .666} = 311$$

310

AR1254

$$\frac{0.468 \times 10}{0.0301 \times .95 \times .666} = 245$$

240

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

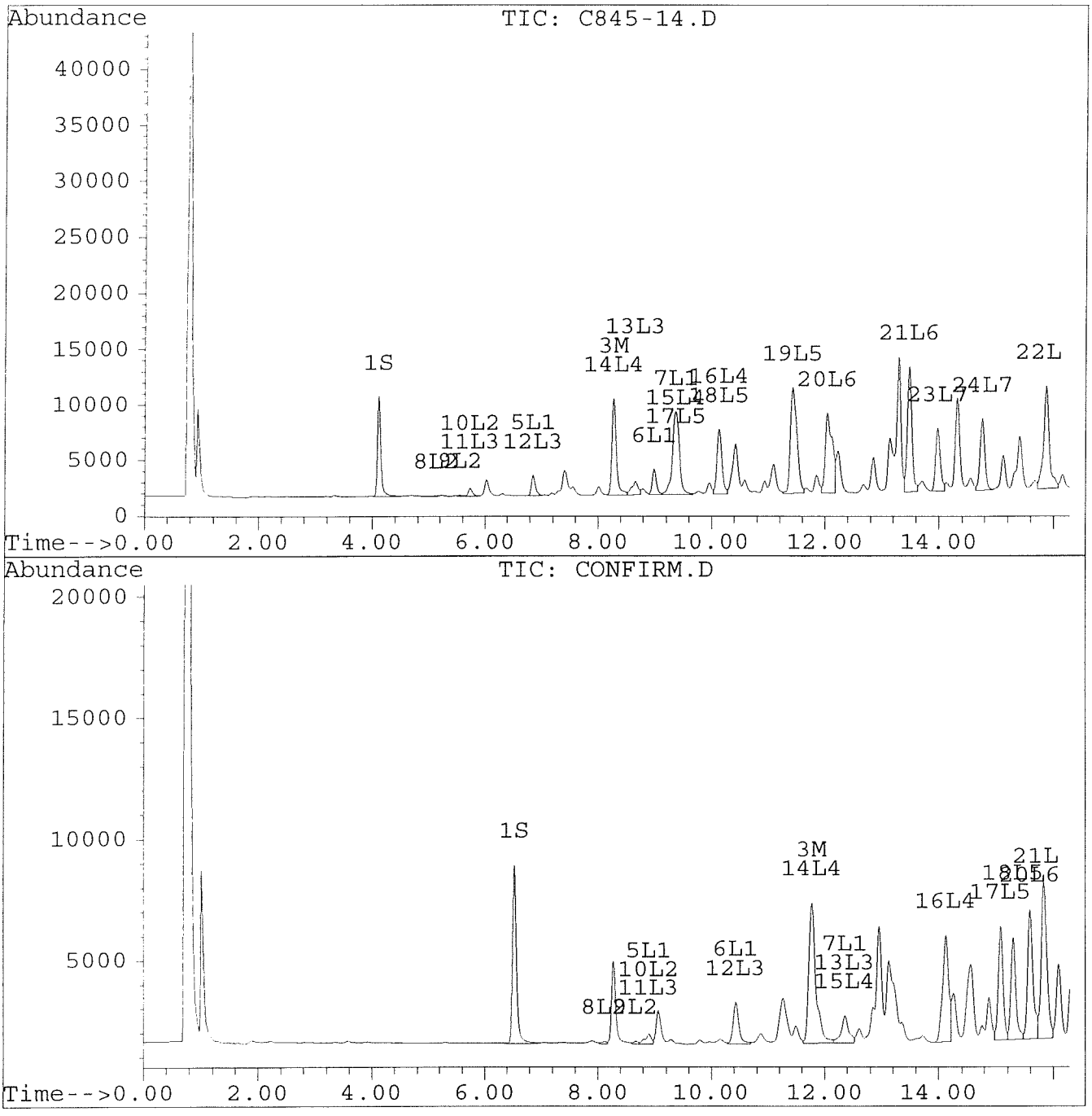
0246

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-14.D Vial: 37
Signal #2 : D:\HPCHEM\5\AU26A\C845-14.D\CONFIRM.D
Acq On : 27 Aug 96 03:25 PM Operator: JS
Sample : VHB/ PU1 Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 15:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



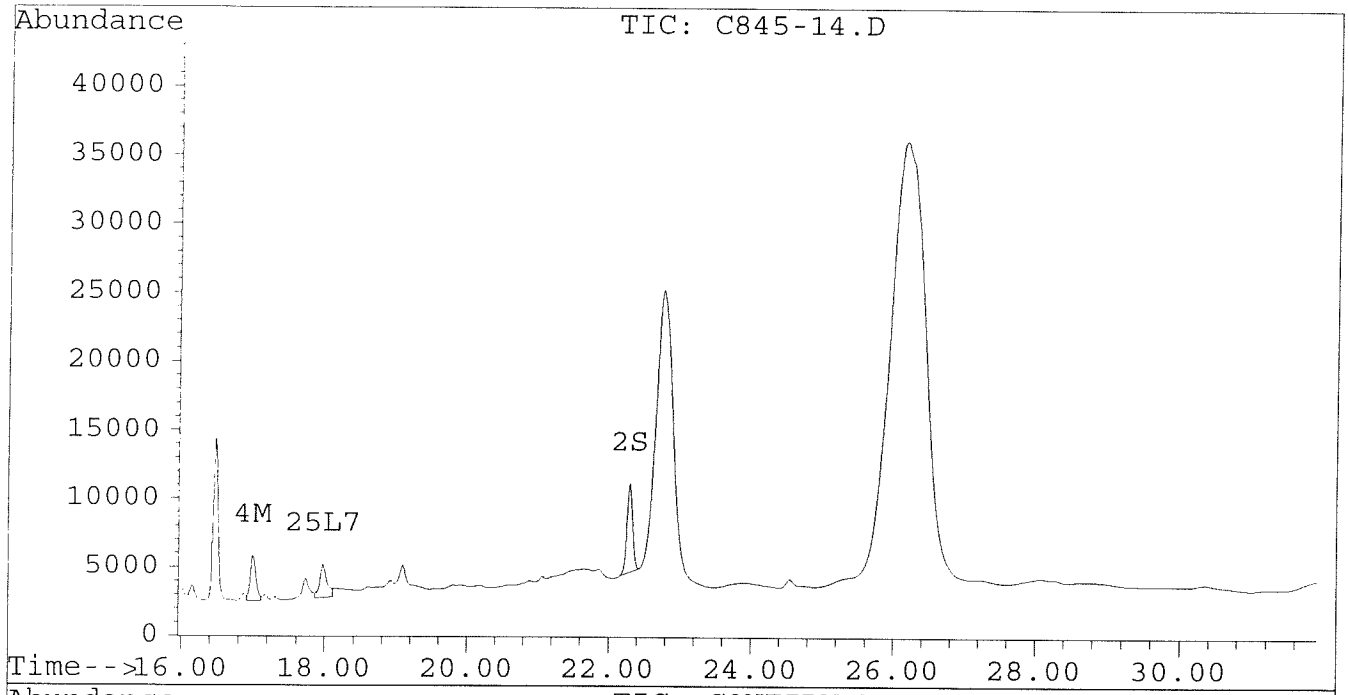
Quantitation Report

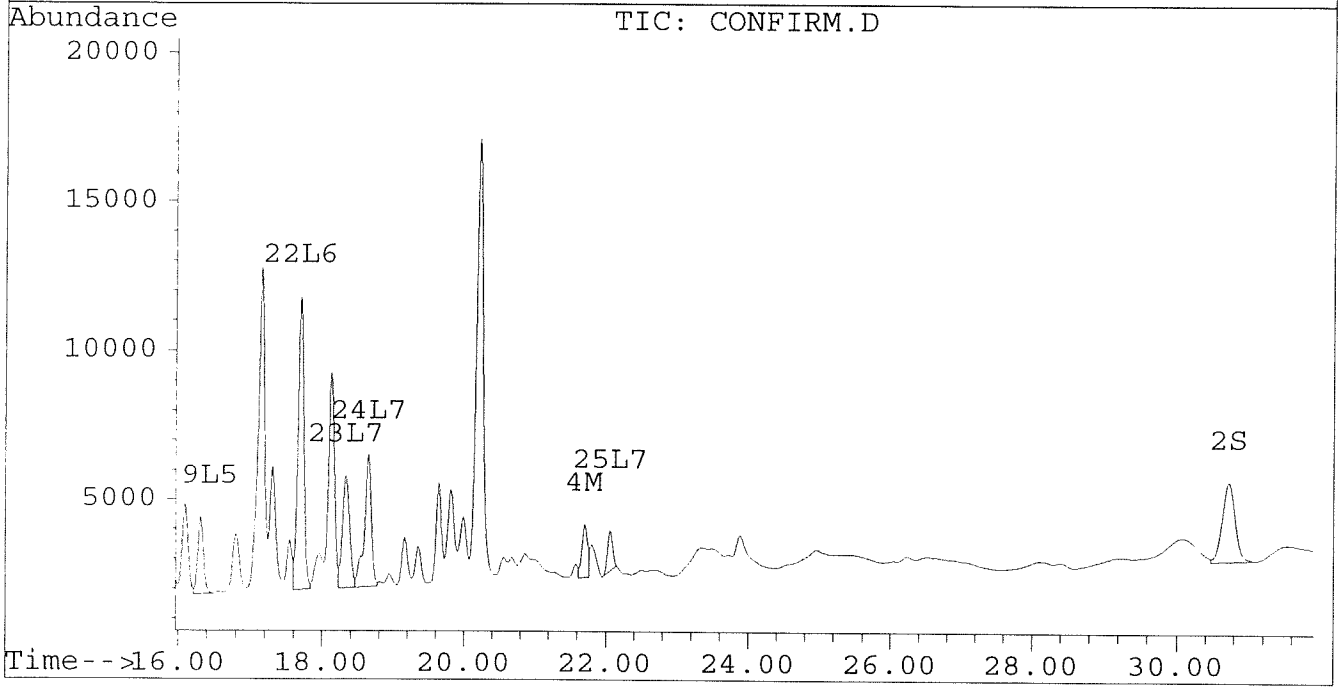
Signal #1 : D:\HPCHEM\5\AU26A\C845-14.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-14.D\CONFIRM.D
Acq On : 27 Aug 96 03:25 PM
Sample : VHB/ PU1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS
Quant Time: Aug 27 15:59 1996

Vial: 37
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0248

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-16.D Vial: 39
Signal #2 : D:\HPCHEM\5\AU26A\C845-16.D\CONFIRM.D
Acq On : 27 Aug 96 04:36 PM Operator: JS
Sample : VHB/ PV2 Inst : ECD1
Misc : 30.1G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 17:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	15803	12330	0.066	0.065	
				Recovery	=	165.00%	162.50%	
2)	S Decachlorobiphenyl	22.30	30.72	10490	4514	0.050	0.051	
				Recovery	=	125.00%	127.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	213567	155104	1.950	1.619	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	46837	31712	0.251	0.202	
5)	L1 Aroclor-1016	6.85	8.90	40265	8437	1.258	0.627	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	63814	35476	3.638	1.271	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	110132	27429	4.248	1.589	#
	Total Aroclor-1016			214212	71341	9.143	3.487	
	Average Aroclor-1016					3.048	1.162	
8)	L2 Aroclor-1221	5.13	8.12	1107	1938	0.158	0.317	#
9)	L2 Aroclor-1221 {2}	5.55	8.66	2150	4666	0.369	0.957	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	16126	8437	0.798	0.550	#
	Total Aroclor-1221			19383	15041	1.325	1.823	
	Average Aroclor-1221					0.442	0.608	
11)	L3 Aroclor-1232	5.72	8.90	16126	8437	0.884	0.589	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	40265	35476	2.950	2.953	
13)	L3 Aroclor-1232 {3}	8.66	12.36	30595	27429	3.696	3.956	
	Total Aroclor-1232			86986	71341	7.531	7.497	
	Average Aroclor-1232					2.510	2.499	
14)	L4 Aroclor-1242	8.27	11.78	213567	155104	5.158	5.204	
15)	L4 Aroclor-1242 {2}	9.37	12.36	110132	27429	5.661	2.075	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	106235	82988	6.288	6.237	
	Total Aroclor-1242			429934	265521	17.107	13.517	
	Average Aroclor-1242					5.702	4.506	
17)	L5 Aroclor-1248	9.37	15.08	110132	82122	3.460	3.645	
18)	L5 Aroclor-1248 {2}	10.13	15.30	106235	87347	3.879	3.742	
19)	L5 Aroclor-1248 {3}	11.43	16.30	142267	64503	4.089	3.612	
	Total Aroclor-1248			358634	233972	11.428	11.000	
	Average Aroclor-1248					3.809	3.667	

to be diluted

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0249

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-16.D Vial: 39
Signal #2 : D:\HPCHEM\5\AU26A\C845-16.D\CONFIRM.D
Acq On : 27 Aug 96 04:36 PM Operator: JS
Sample : VHB/ PV2 Inst : ECD1
Misc : 30.1G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 17:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	86289	74877	2.763	2.772
21) L6 Aroclor-1254 {2}	13.48	15.83	144753	83082	3.352	2.855
22) L6 Aroclor-1254 {3}	15.87	17.69	116989	134806	3.643	3.385
Total Aroclor-1254			348032	292765	9.758	9.012
Average Aroclor-1254					3.253	3.004
23) L7 Aroclor-1260	13.97	18.32	69703	47638	2.009	1.490 #
24) L7 Aroclor-1260 {2}	14.76	18.64	63552	57802	1.563	1.607
25) L7 Aroclor-1260 {3}	17.97	22.06	37195	27033	0.643	0.506
Total Aroclor-1260			170450	132473	4.215	3.602
Average Aroclor-1260					1.405	1.201
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.54	0	6773	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

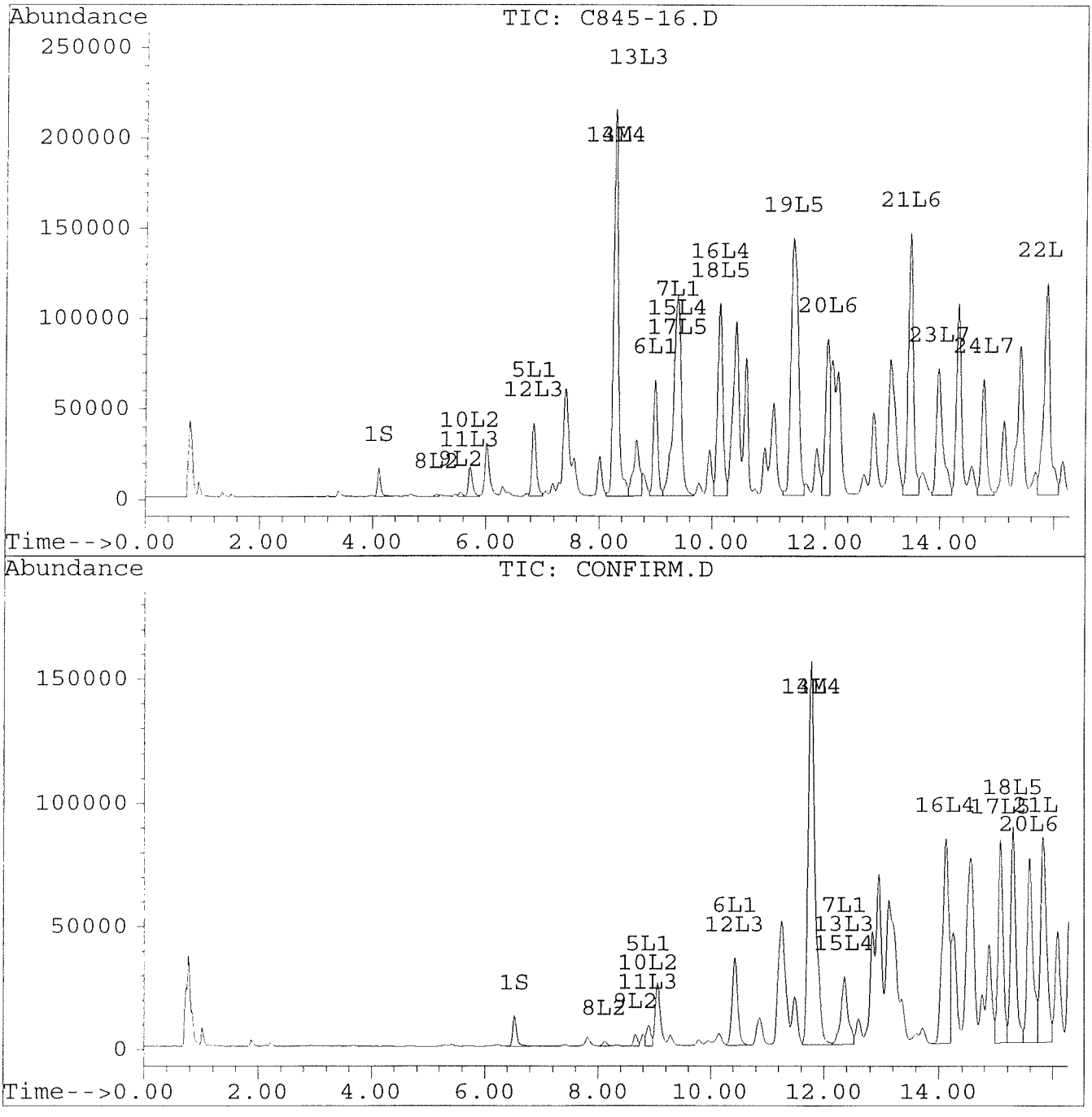
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-16.D Vial: 39
Signal #2 : D:\HPCHEM\5\AU26A\C845-16.D\CONFIRM.D
Acq On : 27 Aug 96 04:36 PM Operator: JS
Sample : VHB/ PV2 Inst : ECD1
Misc : 30.1G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 17:10 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0251

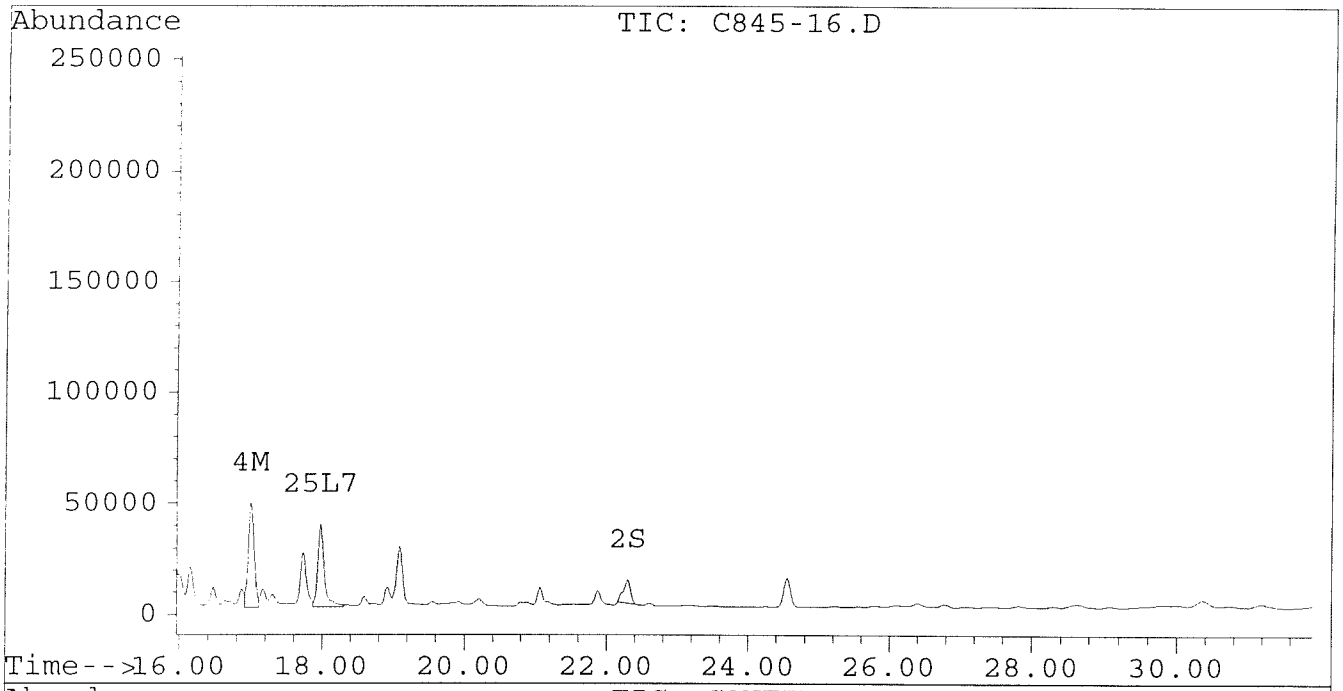
Quantitation Report

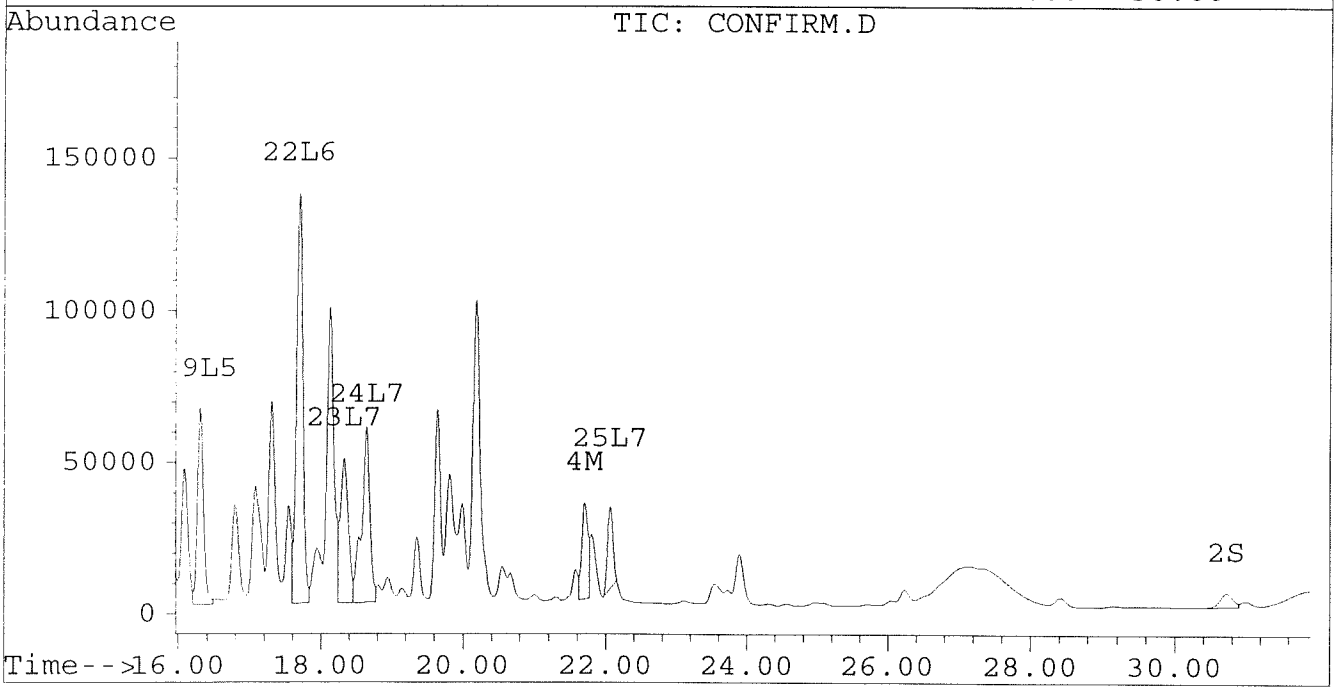
Signal #1 : D:\HPCHEM\5\AU26A\C845-16.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-16.D\CONFIRM.D
Acq On : 27 Aug 96 04:36 PM
Sample : VHB/ PV2
Misc : 30.1G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 27 17:10 1996

Vial: 39
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0252

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-16B.D Vial: 34
Signal #2 : D:\HPCHEM\5\SE3\C845-16B.D\CONFIRM.D
Acq On : 04 Sep 96 11:20 AM Operator: JS
Sample : VHB/ PV2 1:5 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 4 11:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.46	3068	2447	0.013	0.013
					Recovery	=	32.50%	32.50%
2)	S	Decachlorobiphenyl	22.20	0.00	1645	0	0.008	N.D. #
					Recovery	=	20.00%	0.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.69	54860	39585	0.501	0.413
4)	M	2,2',3,3',4,4'-Hexa	16.90	21.60	10485	6589	0.056	0.042 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.14	0.00	190	0	0.027	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			190	0	0.027	N.D.
		Average Aroclor-1221					0.027	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.71	0.00	3289	0	0.397	N.D. #
		Total Aroclor-1232			3289	0	0.397	N.D.
		Average Aroclor-1232					0.397	0.000
14)	L4	Aroclor-1242	8.20	11.69	54860	39585	1.325	1.328
15)	L4	Aroclor-1242 {2}	9.29	12.27	30876	6916	1.587	0.523 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	28437	22293	1.683	1.676
		Total Aroclor-1242			114173	68794	4.595	3.527
		Average Aroclor-1242					1.532	1.176
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0253

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-16B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-16B.D\CONFIRM.D
Acq On : 04 Sep 96 11:20 AM
Sample : VHB/ PV2 1:5 DILUTION
Misc : 30.0G/10ML 88% SOLID
Quant Time: Sep 4 11:55 1996

Vial: 34
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	23555	20521	0.754	0.760
21) L6	Aroclor-1254 {2}	13.40	15.74	37210	22499	0.862	0.773
22) L6	Aroclor-1254 {3}	15.78	17.59	29273	34806	0.911	0.874
Total	Aroclor-1254			90038	77826	2.527	2.407
Average	Aroclor-1254					0.842	0.802
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.82f	0.00	1863	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.99	0.00	5500	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.78f	0.00	1221	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

DF

$$AR\,1242 = \frac{2.912 \times 10\,mL \times 1.5 \times 5}{30.0 \times 0.88} = 8,302\ D$$

$$AR\,1254 = \frac{1.773 \times 10\,mL \times 1.5 \times 5}{30.0 \times 0.88} = 5,022\ D$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

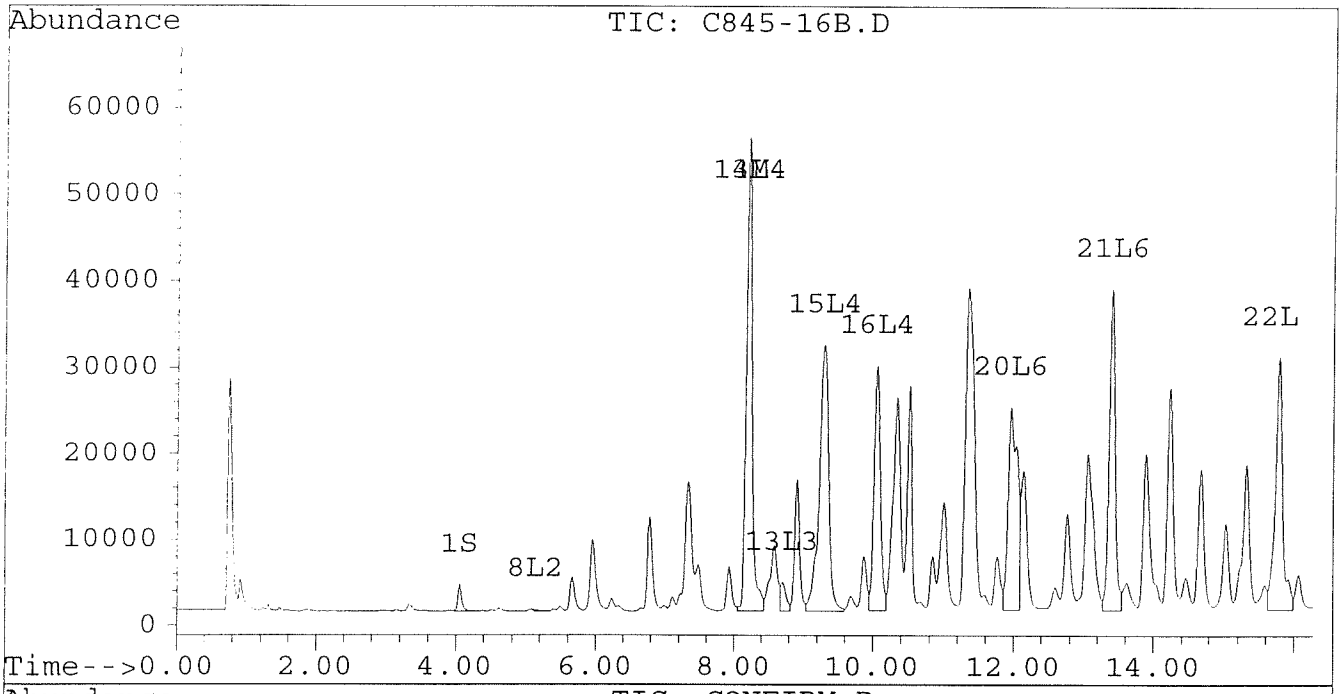
Quantitation Report

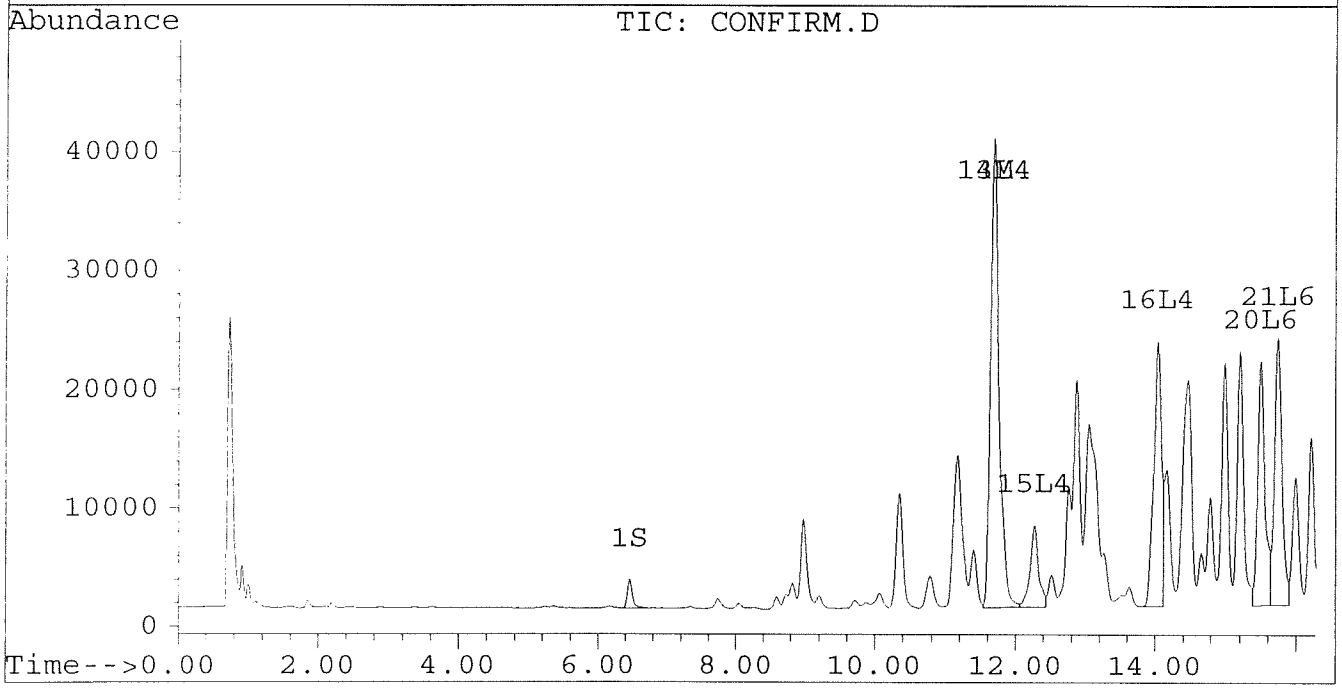
Signal #1 : D:\HPCHEM\5\SE3\C845-16B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-16B.D\CONFIRM.D
Acq On : 04 Sep 96 11:20 AM
Sample : VHB/ PV2 1:5 DILUTION
Misc : 30.0G/10ML 88% SOLID
Quant Time: Sep 4 11:55 1996

Vial: 34
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



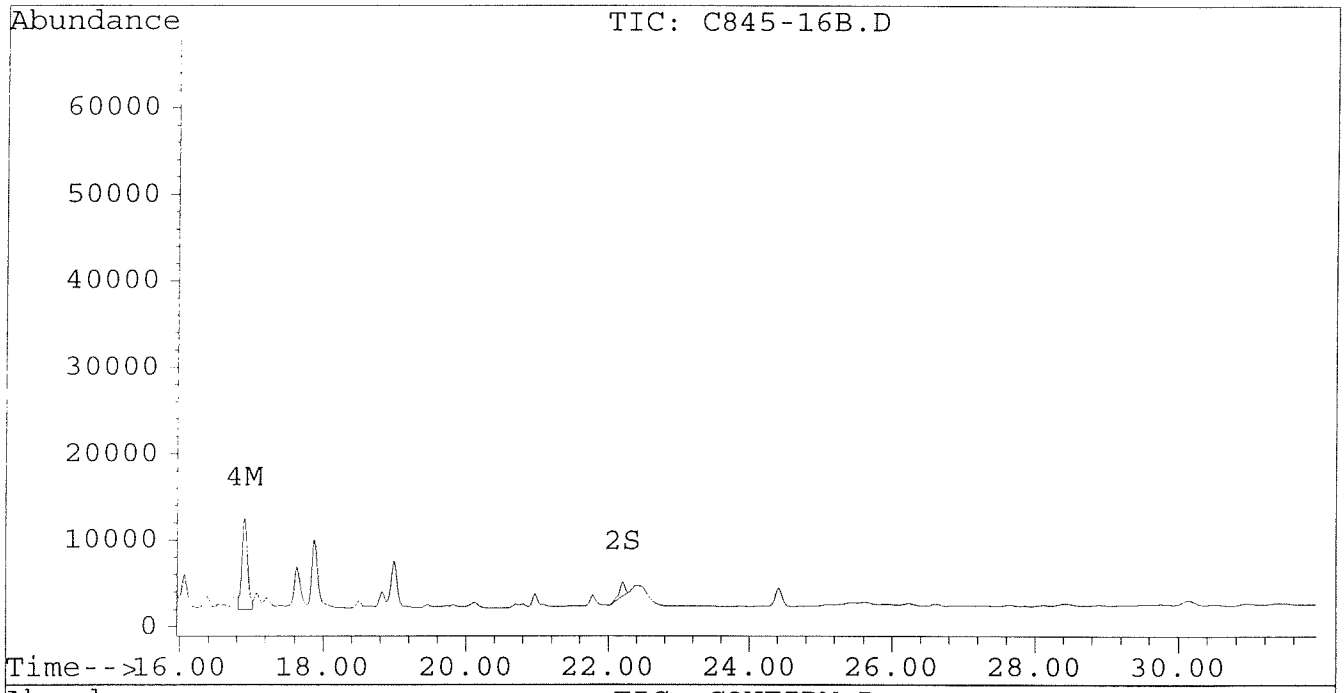


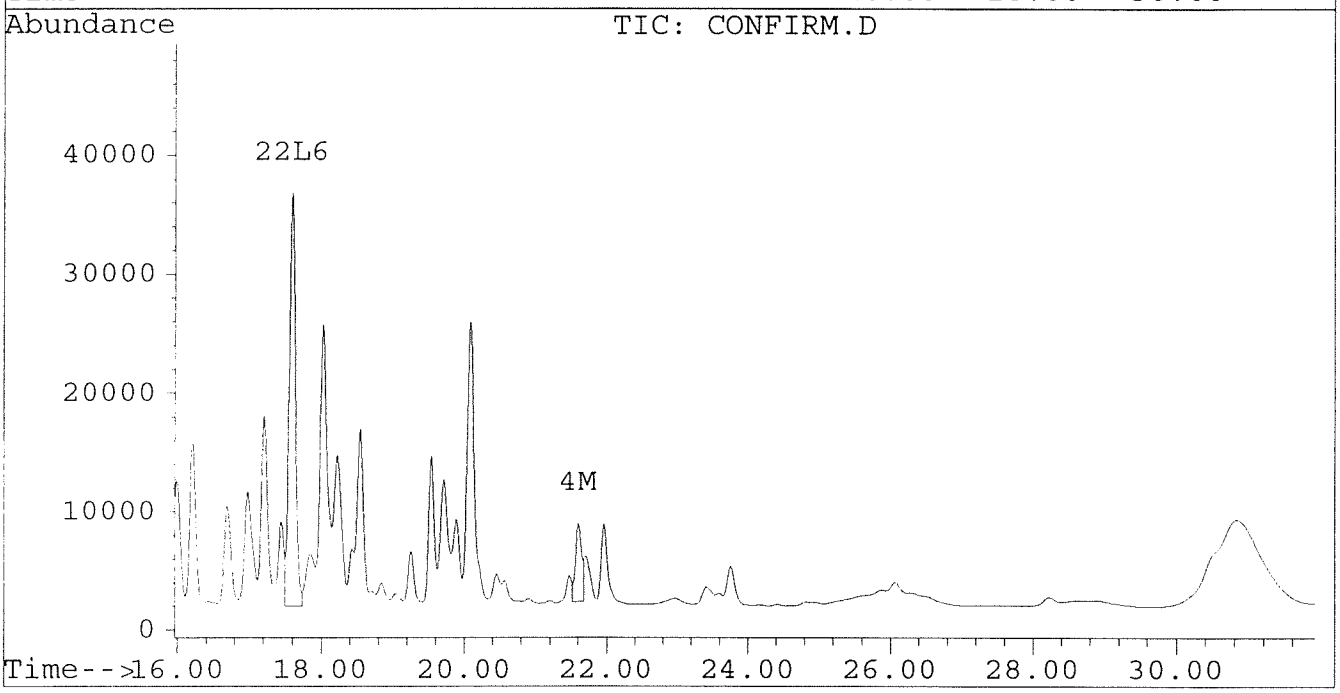
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-16B.D Vial: 34
Signal #2 : D:\HPCHEM\5\SE3\C845-16B.D\CONFIRM.D
Acq On : 04 Sep 96 11:20 AM Operator: JS
Sample : VHB/ PV2 1:5 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 4 11:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0256

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-17.D Vial: 40
Signal #2 : D:\HPCHEM\5\AU26A\C845-17.D\CONFIRM.D
Acq On : 27 Aug 96 05:12 PM Operator: JS
Sample : VHB/ PW# 3 KOS Inst : ECD1
Misc : 30.2G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 10:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.10	6.53	9371	7154	0.039	0.037	
					Recovery	=	97.50%	92.50%	
2)	S	Decachlorobiphenyl	22.30	30.72	7473	2896	0.035	0.033m	
					Recovery	=	87.50%	82.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	3314	2129	0.030	0.022	#
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	1380	263	0.007	0.002	#
5)	L1	Aroclor-1016	6.85	8.90	868	151	0.027	0.011	#
6)	L1	Aroclor-1016 (2)	8.99	10.43	811	781	0.046	0.028	#
7)	L1	Aroclor-1016 (3)	9.37	12.36	2107	423	0.081	0.025	#
		Total Aroclor-1016			3786	1354	0.155	0.064	
		Average Aroclor-1016					0.052	0.021	
8)	L2	Aroclor-1221	0.00	8.12	0	51	N.D.	0.008	#
9)	L2	Aroclor-1221 (2)	5.55	8.67	35	72	0.006	0.015	#
10)	L2	Aroclor-1221 (3)	5.73	8.90	288	151	0.014	0.010	#
		Total Aroclor-1221			322	274	0.020	0.033	
		Average Aroclor-1221					0.010	0.011	
11)	L3	Aroclor-1232	5.73	8.90	288	151	0.016	0.011	#
12)	L3	Aroclor-1232 (2)	6.85	10.43	868	781	0.064	0.065	
13)	L3	Aroclor-1232 (3)	8.66	12.36	495	423	0.060	0.061	
		Total Aroclor-1232			1651	1354	0.139	0.136	
		Average Aroclor-1232					0.046	0.045	
14)	L4	Aroclor-1242	8.27	11.78	3314	2129	0.080	0.071	
15)	L4	Aroclor-1242 (2)	9.37	12.36	2107	423	0.108	0.032	#
16)	L4	Aroclor-1242 (3)	10.13	14.13	1675	1276	0.099	0.096	
		Total Aroclor-1242			7097	3828	0.288	0.199	
		Average Aroclor-1242					0.096	0.066	
17)	L5	Aroclor-1248	9.37	15.08	2107	1114	0.066	0.049	#
18)	L5	Aroclor-1248 (2)	10.13	15.30	1675	1088	0.061	0.047	
19)	L5	Aroclor-1248 (3)	11.43	16.31	2317	658	0.067	0.037	#
		Total Aroclor-1248			6099	2860	0.194	0.133	
		Average Aroclor-1248					0.065	0.044	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0257

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-17.D Vial: 40
Signal #2 : D:\HPCHEM\5\AU26A\C845-17.D\CONFIRM.D
Acq On : 27 Aug 96 05:12 PM Operator: JS
Sample : VHB/ PW#3 KOS Inst : ECD1
Misc : 30.2G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 10:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	1454	1160	0.047	0.043
21) L6 Aroclor-1254 {2}	13.48	15.83	1974	1300	0.046m	0.045
22) L6 Aroclor-1254 {3}	15.87	17.69	1822	1681	0.057m	0.042 #
Total Aroclor-1254			5250	4140	0.149	0.130
Average Aroclor-1254					0.050	0.043
23) L7 Aroclor-1260	13.98	18.33	1292	631	0.037	0.020 #
24) L7 Aroclor-1260 {2}	14.76	18.64	1300	751	0.032	0.021 #
25) L7 Aroclor-1260 {3}	17.99	22.06	2699	362	0.047	0.007 #
Total Aroclor-1260			5291	1745	0.116	0.047
Average Aroclor-1260					0.039	0.016
26) L8 Aroclor-1268	0.00	23.31	0	3559	N.D.	0.829 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.09	0	640	N.D.	NoCal
Total Aroclor-1268			0	3559	N.D.	0.829
Average Aroclor-1268					0.000	0.829

AR1248 $\frac{0.188\ \mu g/mL \times 10\ mL}{0.0302\ g \times .98 \times .666} = 95\ \mu g/kg$

AR1254 $\frac{0.087 \times 10}{0.0302 \times .98 \times .666} = 44\ \mu g/kg$

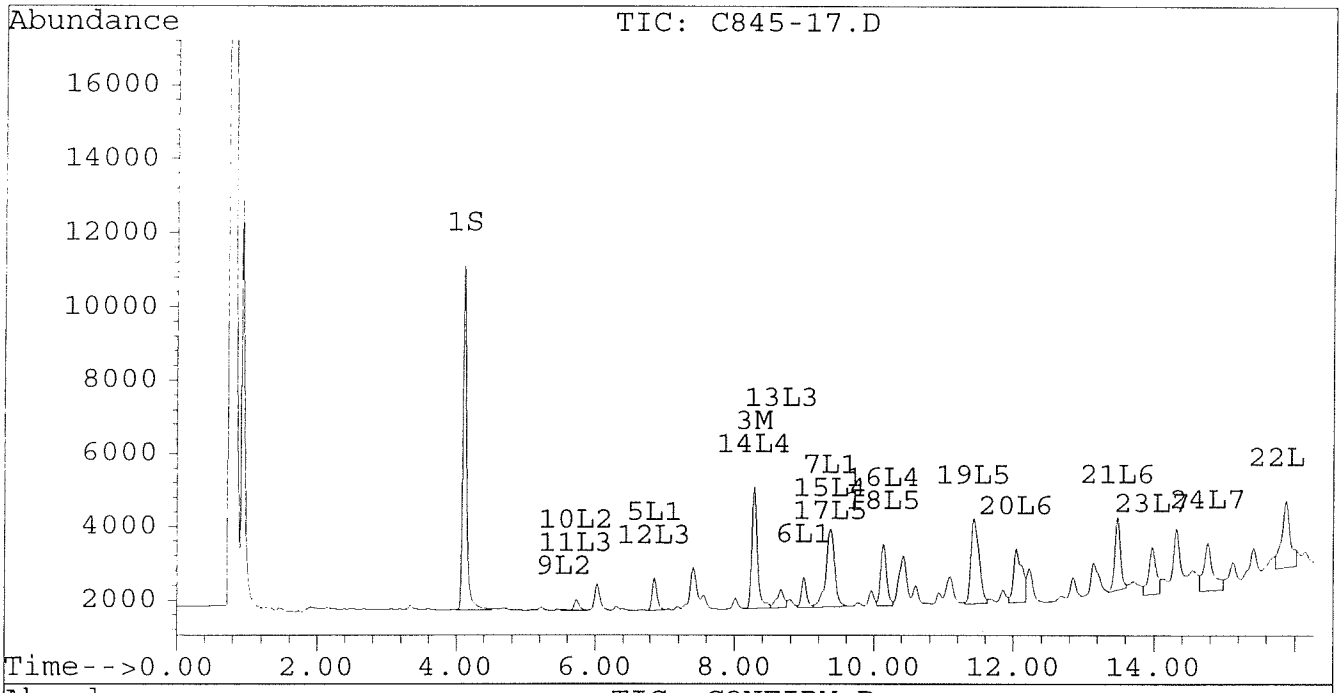
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

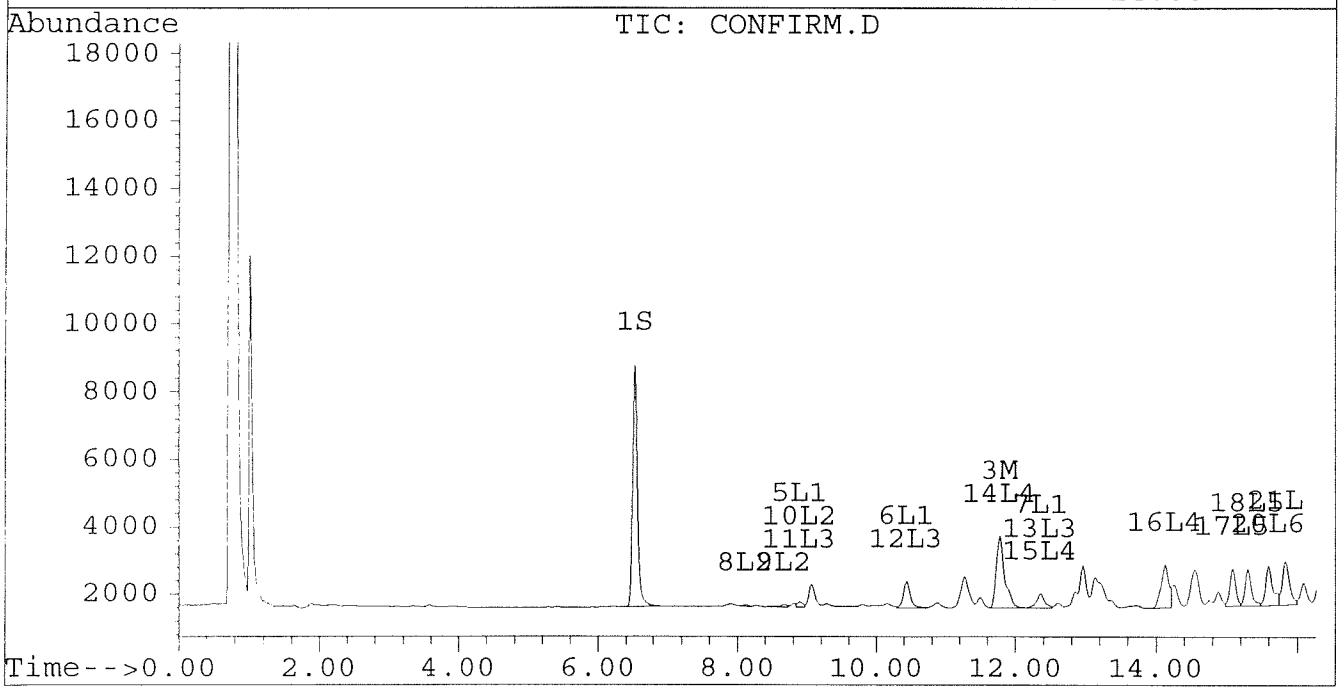
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-17.D Vial: 40
Signal #2 : D:\HPCHEM\5\AU26A\C845-17.D\CONFIRM.D
Acq On : 27 Aug 96 05:12 PM Operator: JS
Sample : VHB/ PW#3 KOS Inst : ECD1
Misc : 30.2G/10ML 98% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 10:41 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0259

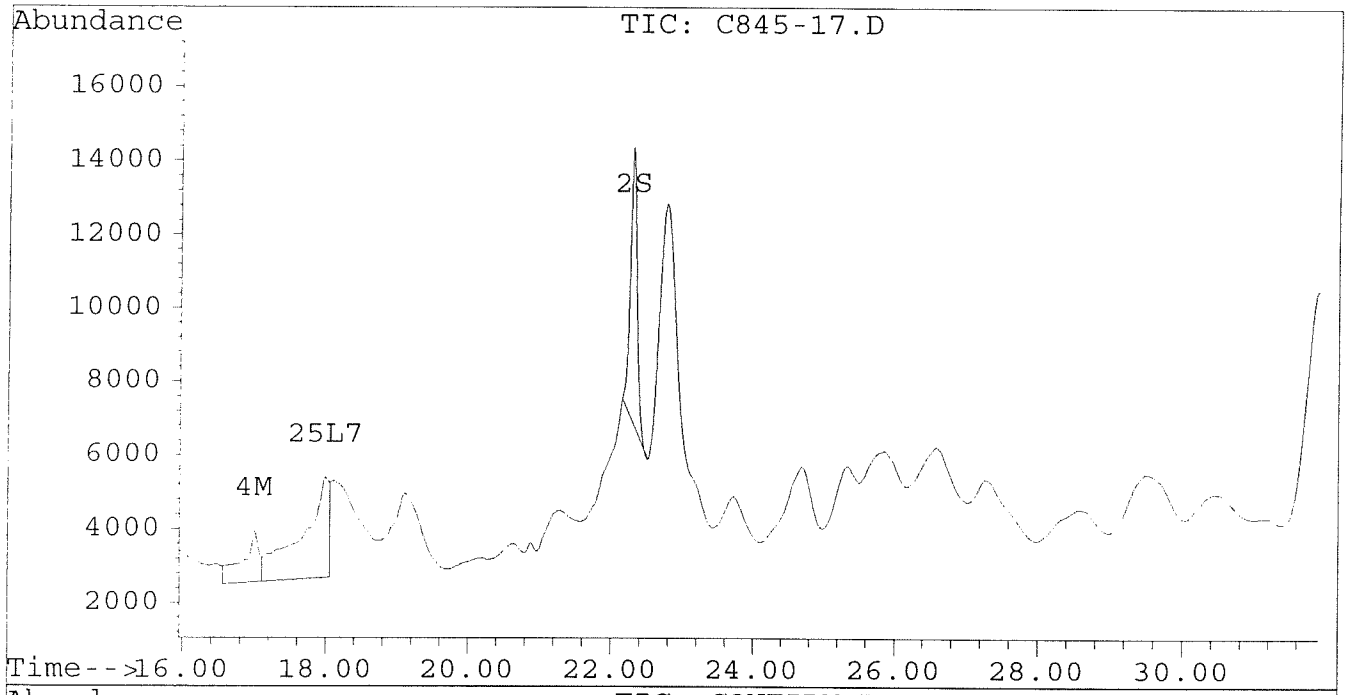
Quantitation Report

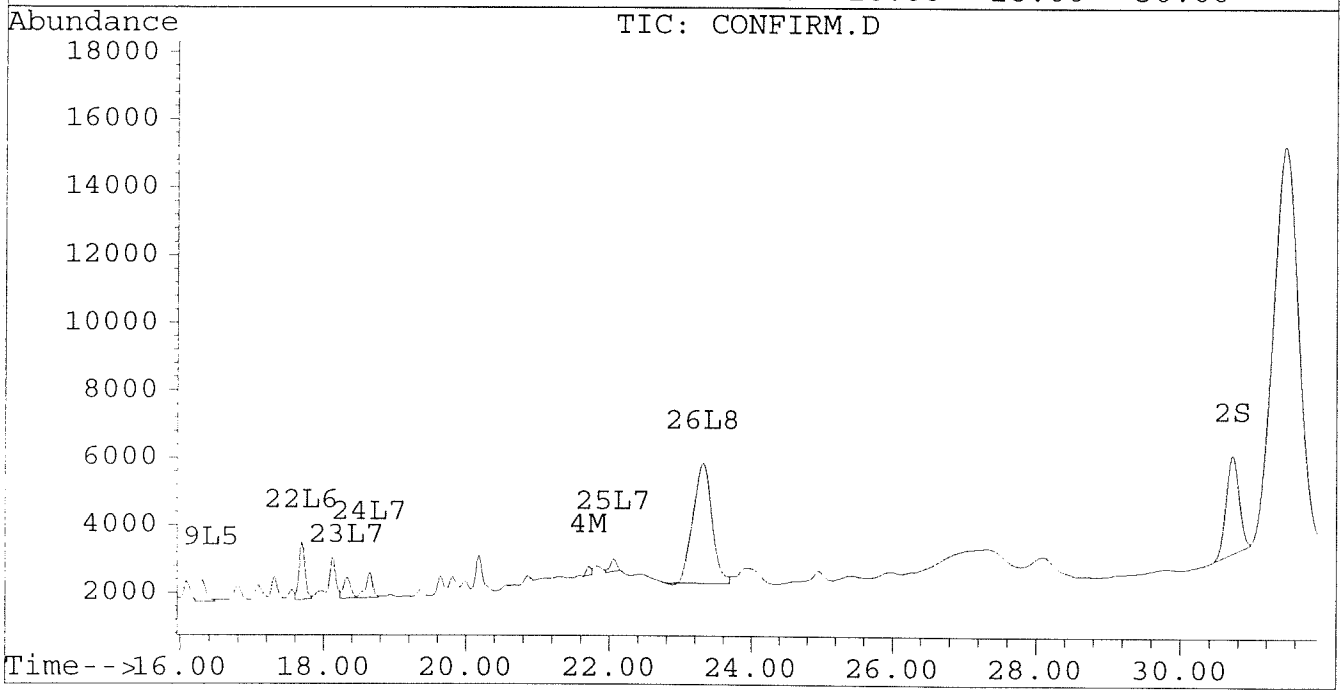
Signal #1 : D:\HPCHEM\5\AU26A\C845-17.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-17.D\CONFIRM.D
Acq On : 27 Aug 96 05:12 PM
Sample : VHB/ PW23 KOS
Misc : 30.2G/10ML 98% SOLID PCB ANALYSIS
Quant Time: Sep 4 10:41 1996

Vial: 40
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0260

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-18.D Vial: 41
Signal #2 : D:\HPCHEM\5\AU26A\C845-18.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 PM Operator: JS
Sample : VHB/ PM4 Inst : ECD1
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 18:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	8346	7402	0.035	0.039	
					Recovery	=	87.50%	97.50%	
2)	S	Decachlorobiphenyl	0.00	30.72	0	4545	N.D.	0.051	#
					Recovery	=	0.00%	127.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.77	807202	572847	7.370	5.981	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	131565	95092	0.704	0.606	
5)	L1	Aroclor-1016	6.85	8.89	163482	33497	5.106	2.489	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	240996	143936	13.740	5.155	#
7)	L1	Aroclor-1016 {3}	9.37	12.35	382540	111312	14.754	6.450	#
		Total Aroclor-1016			787018	288744	33.599	14.095	
		Average Aroclor-1016					11.200	4.698	
8)	L2	Aroclor-1221	5.13	8.12	4869	6353	0.695	1.039	#
9)	L2	Aroclor-1221 {2}	5.55	8.66	8811	48573	1.510	9.958	#
10)	L2	Aroclor-1221 {3}	5.72	8.89	91051	33497	4.506	2.182	#
		Total Aroclor-1221			104731	88422	6.711	13.179	
		Average Aroclor-1221					2.237	4.393	
11)	L3	Aroclor-1232	5.72	8.89	91051	33497	4.992	2.337	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	163482	143936	11.979	11.981	
13)	L3	Aroclor-1232 {3}	8.66	12.35	124995	111312	15.100	16.053	
		Total Aroclor-1232			379528	288744	32.071	30.371	
		Average Aroclor-1232					10.690	10.124	
14)	L4	Aroclor-1242	8.27	11.77	807202	572847	19.494	19.221	
15)	L4	Aroclor-1242 {2}	9.37	12.35	382540	111312	19.663	8.423	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	372446	294464	22.044	22.132	
		Total Aroclor-1242			1562188	978623	61.202	49.776	
		Average Aroclor-1242					20.401	16.592	
17)	L5	Aroclor-1248	9.37	15.08	382540	277370	12.020	12.313	
18)	L5	Aroclor-1248 {2}	10.13	15.30	372446	293828	13.597	12.587	
19)	L5	Aroclor-1248 {3}	11.43	16.30	460529	219887	13.236	12.315	
		Total Aroclor-1248			1215515	791085	38.853	37.215	
		Average Aroclor-1248					12.951	12.405	

to be diluted

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0261

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-18.D Vial: 41
Signal #2 : D:\HPCHEM\5\AU26A\C845-18.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 PM Operator: JS
Sample : VHB/ PM4 Inst : ECD1
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 18:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	256832	236643	8.224	8.759
21) L6	Aroclor-1254 {2}	13.48	15.83	424471	249475	9.829	8.574
22) L6	Aroclor-1254 {3}	15.87	17.69	326601	397414	10.169	9.978
Total	Aroclor-1254			1007904	883532	28.222	27.312
Average	Aroclor-1254					9.407	9.104
23) L7	Aroclor-1260	13.97	18.32	201016	135953	5.793	4.252 #
24) L7	Aroclor-1260 {2}	14.76	18.64	172884	158974	4.252	4.420
25) L7	Aroclor-1260 {3}	17.97	22.06	103151	75422	1.785	1.411
Total	Aroclor-1260			477052	370349	11.829	10.082
Average	Aroclor-1260					3.943	3.361
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

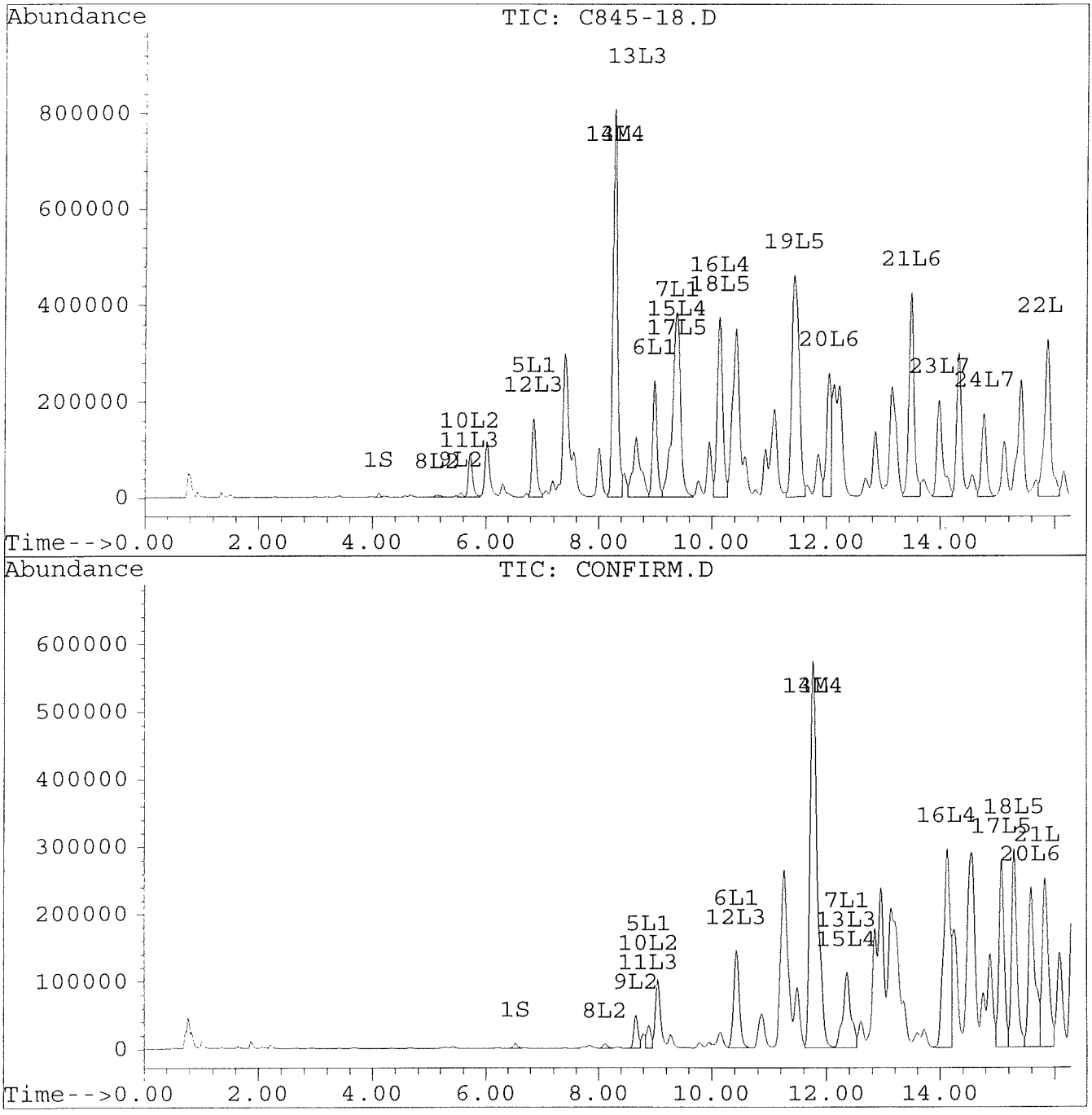
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-18.D Vial: 41
Signal #2 : D:\HPCHEM\5\AU26A\C845-18.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 PM Operator: JS
Sample : VHB/ PM4 Inst : ECD1
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 18:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0263

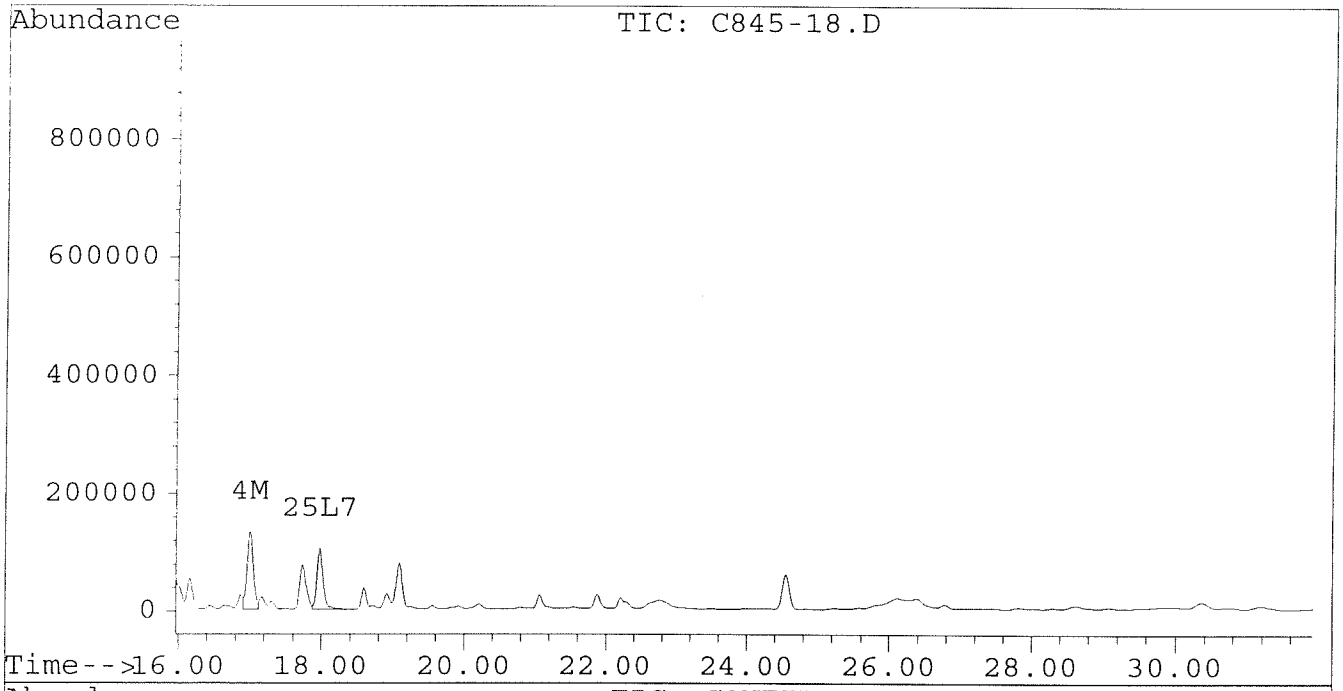
Quantitation Report

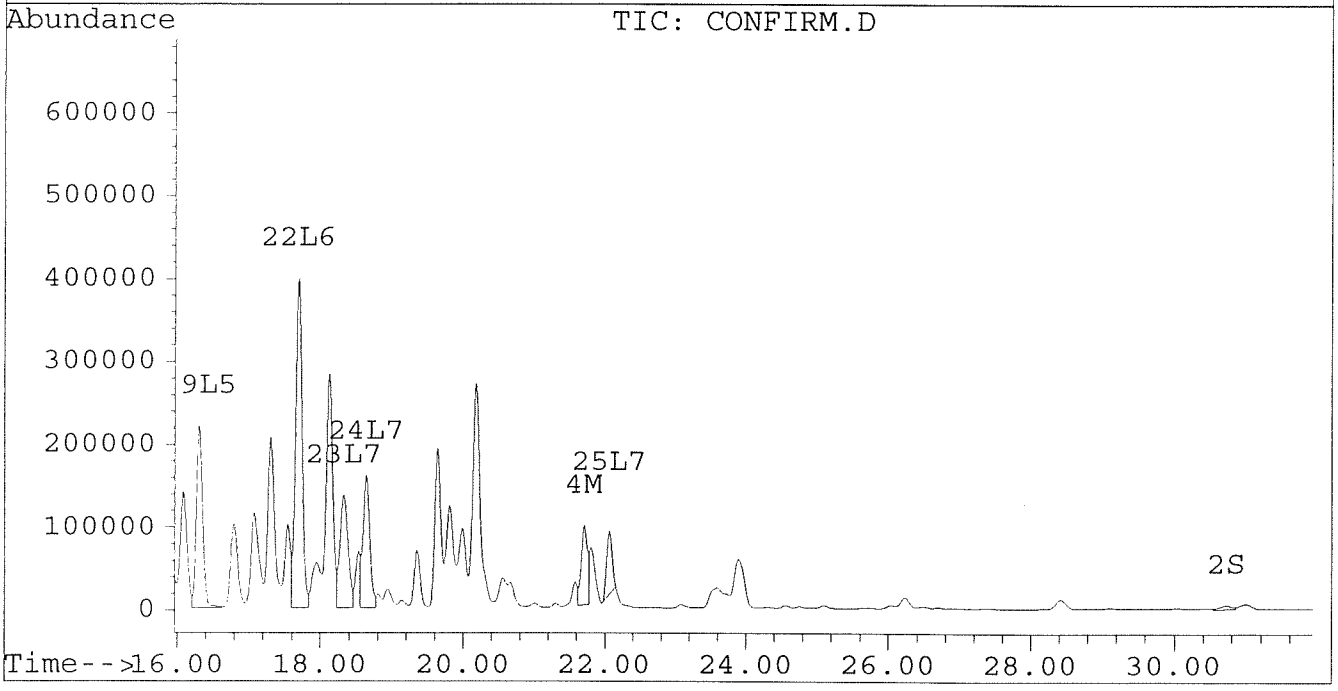
Signal #1 : D:\HPCHEM\5\AU26A\C845-18.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-18.D\CONFIRM.D
Acq On : 27 Aug 96 05:47 PM
Sample : VHB/ PM4
Misc : 30.4G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 27 18:27 1996

Vial: 41
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0264

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-18A.D Vial: 93
Signal #2 : D:\HPCHEM\5\AU29\C845-18A.D\CONFIRM.D
Acq On : 01 Sep 96 05:03 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 17:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

30.4g @ 80% solids

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	406	394	0.002	0.002	
				Recovery	=	5.00%	5.00%	
2) S	Decachlorobiphenyl	22.29	30.72	551	125	0.003	0.001	#
				Recovery	=	7.50%	2.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.77	63225	44560	0.577	0.465	
4) M	2,2',3,3',4,4'-Hexa	16.99	21.70	8086	5059	0.043	0.032	#
5) L1	Aroclor-1016	6.85	8.90	13775	2543	0.430	0.189	#
6) L1	Aroclor-1016 {2}	8.98	10.43	17404	12344	0.992	0.442	#
7) L1	Aroclor-1016 {3}	9.37	12.36	33222	8693	1.281	0.504	#
	Total Aroclor-1016			64401	23580	2.704	1.135	
	Average Aroclor-1016					0.901	0.378	
8) L2	Aroclor-1221	5.13	8.12	306	373	0.044	0.061	#
9) L2	Aroclor-1221 {2}	5.55	8.66	598	2281	0.102	0.468	#
10) L2	Aroclor-1221 {3}	5.72	8.90	5804	2543	0.287	0.166	#
	Total Aroclor-1221			6708	5197	0.433	0.694	
	Average Aroclor-1221					0.144	0.231	
11) L3	Aroclor-1232	5.72	8.90	5804	2543	0.318	0.177	#
12) L3	Aroclor-1232 {2}	6.85	10.43	13775	12344	1.009	1.027	
13) L3	Aroclor-1232 {3}	8.66	12.36	9540	8693	1.152	1.254	
	Total Aroclor-1232			29119	23580	2.480	2.459	
	Average Aroclor-1232					0.827	0.820	
14) L4	Aroclor-1242	8.27	11.77	63225	44560	1.527	1.495	
15) L4	Aroclor-1242 {2}	9.37	12.36	33222	8693	1.708	0.658	#
16) L4	Aroclor-1242 {3}	10.13	14.13	30664	24024	1.815	1.806	
	Total Aroclor-1242			127112	77277	5.050	3.959	
	Average Aroclor-1242					1.683	1.320	
17) L5	Aroclor-1248	9.37	15.08	33222	21273	1.044	0.944	
18) L5	Aroclor-1248 {2}	10.13	15.30	30664	21597	1.120	0.925	
19) L5	Aroclor-1248 {3}	11.43	16.31	37312	14141	1.072	0.792	#
	Total Aroclor-1248			101199	57011	3.236	2.661	
	Average Aroclor-1248					1.079	0.887	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0265

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-18A.D Vial: 93
Signal #2 : D:\HPCHEM\5\AU29\C845-18A.D\CONFIRM.D
Acq On : 01 Sep 96 05:03 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 17:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	21393	19453	0.685	0.720
21) L6 Aroclor-1254 {2}	13.48	15.83	33095	20825	0.766	0.716
22) L6 Aroclor-1254 {3}	15.87	17.69	23620	30880	0.735	0.775
Total Aroclor-1254			78108	71158	2.187	2.211
Average Aroclor-1254					0.729	0.737
23) L7 Aroclor-1260	13.97	18.32	15629	10776	0.450	0.337 #
24) L7 Aroclor-1260 {2}	14.76	18.64	13496	12143	0.332	0.338
25) L7 Aroclor-1260 {3}	17.97	22.06	6611	4303	0.114	0.080 #
Total Aroclor-1260			35736	27222	0.897	0.755
Average Aroclor-1260					0.299	0.252
26) L8 Aroclor-1268	0.00	23.33f	0	725	N.D.	0.169 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	725	N.D.	0.169
Average Aroclor-1268					0.000	0.169

$$AR\ 1242 = \frac{3235 \times 10mL \times 1.5 \times 20}{30.4 \times 0.88} = 36{,}000\ D \quad (DF)$$

$$AR\ 1254 = \frac{1501 \times 10mL \times 1.5 \times 20}{30.4 \times 0.88} = 17{,}000\ D$$

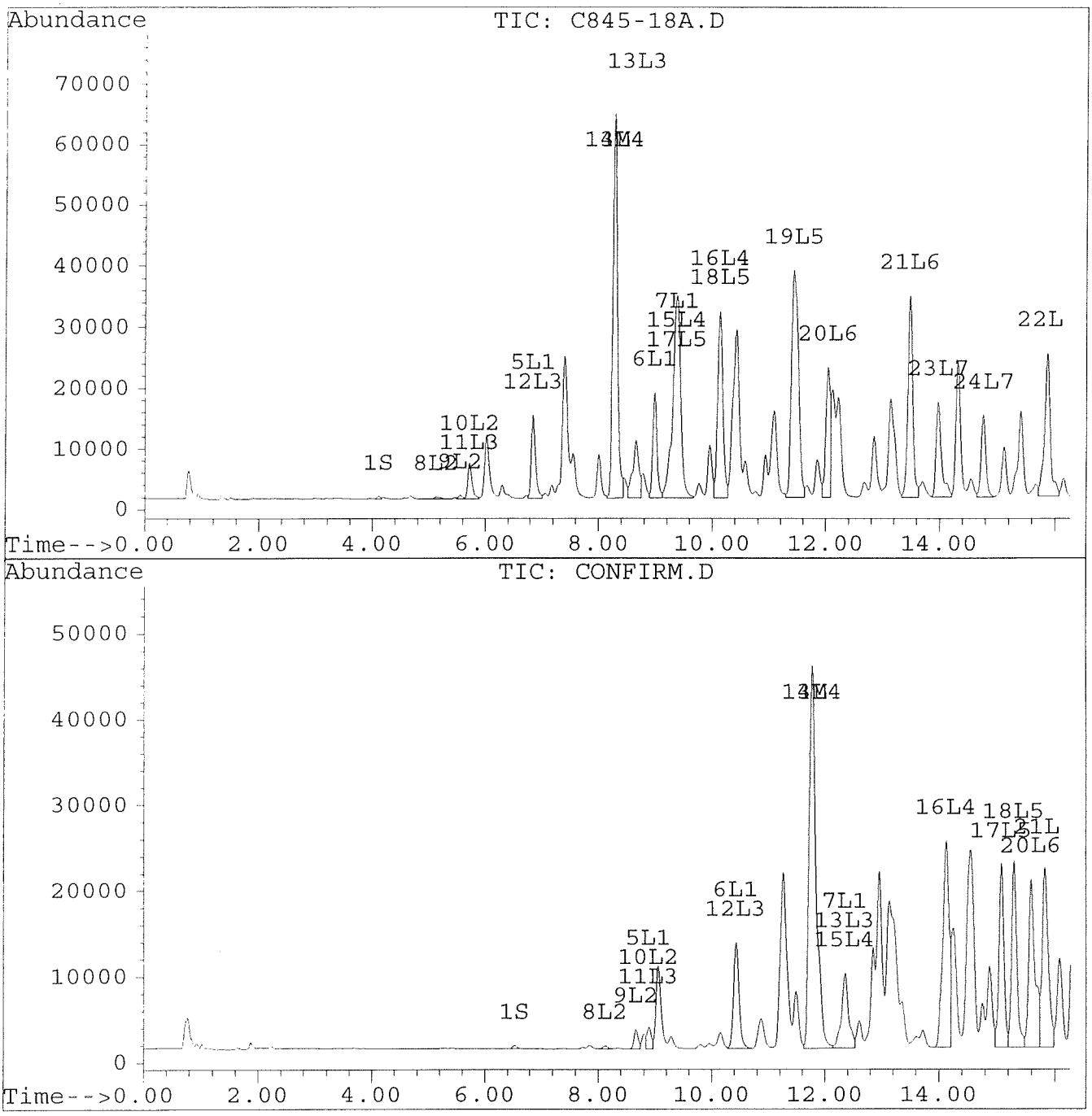
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-18A.D Vial: 93
Signal #2 : D:\HPCHEM\5\AU29\C845-18A.D\CONFIRM.D
Acq On : 01 Sep 96 05:03 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 17:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0267

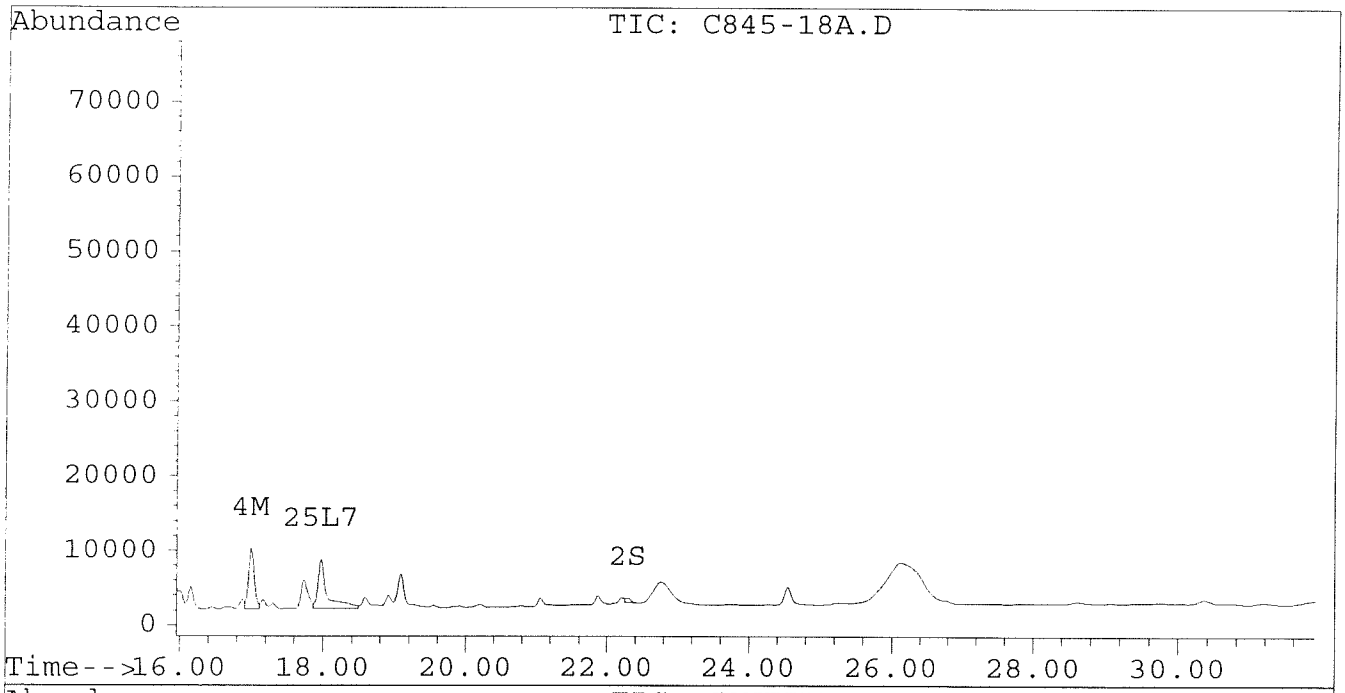
Quantitation Report

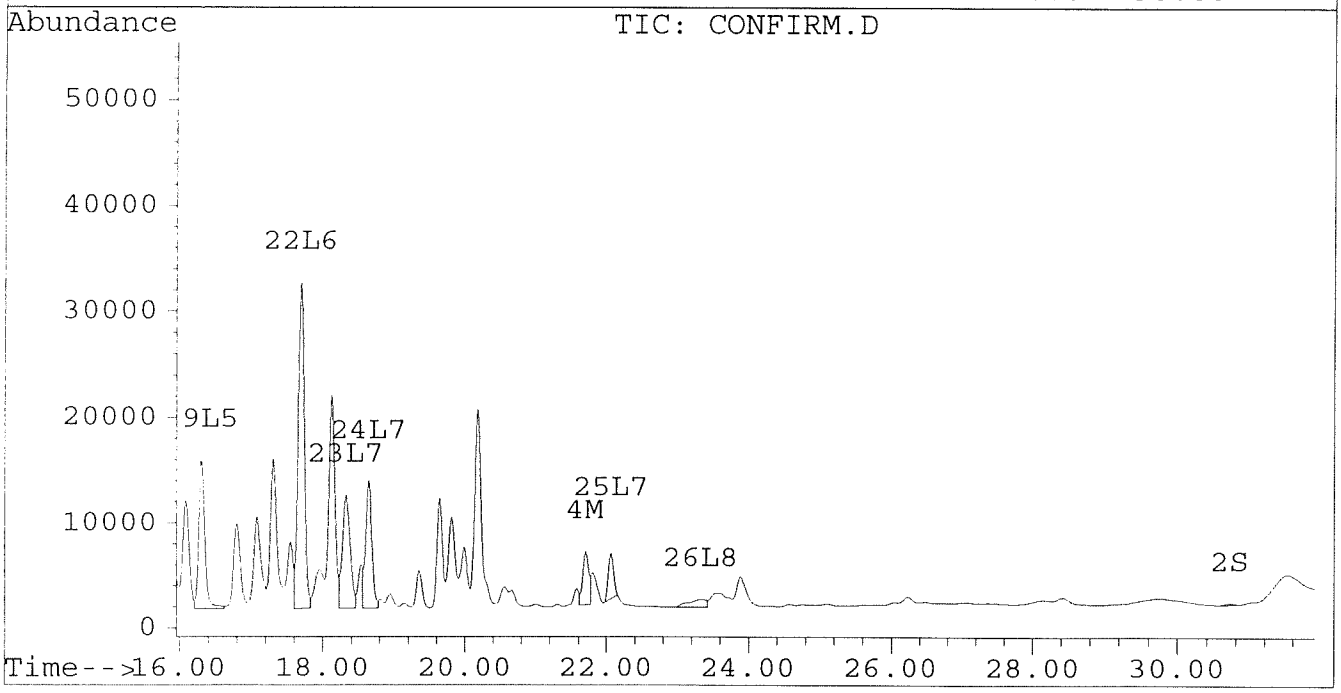
Signal #1 : D:\HPCHEM\5\AU29\C845-18A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-18A.D\CONFIRM.D
Acq On : 01 Sep 96 05:03 PM
Sample : VHB/ 1:20 DILUTION
Misc :
Quant Time: Sep 1 17:36 1996

Vial: 93
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0268

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-19.D Vial: 42
Signal #2 : D:\HPCHEM\5\AU26A\C845-19.D\CONFIRM.D
Acq On : 27 Aug 96 06:28 PM Operator: JS
Sample : VHB/ PN5 Inst : ECD1
Misc : 30.1G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 19:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.52	8771	8264	0.037	0.043	
					Recovery	=	92.50%	107.50%	
2)	S	Decachlorobiphenyl	0.00	30.72	0	6537	N.D.	0.074	#
					Recovery	=	0.00%	185.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.28	11.77	1275210	923780	11.643	9.645	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	182467	130528	0.976	0.832	
5)	L1	Aroclor-1016	6.85	8.89	314302	51679	9.816	3.840	#
6)	L1	Aroclor-1016 {2}	8.99	10.42	437408	272597	24.938	9.763	#
7)	L1	Aroclor-1016 {3}	9.38	12.35	579606	187312	22.354	10.855	#
		Total Aroclor-1016			1331317	511588	57.108	24.458	
		Average Aroclor-1016					19.036	8.153	
8)	L2	Aroclor-1221	5.14	8.11	8649	10743	1.234	1.757	#
9)	L2	Aroclor-1221 {2}	5.56	8.66	16200	35133	2.777	7.203	#
10)	L2	Aroclor-1221 {3}	5.73	8.89	103559	51679	5.125	3.366	#
		Total Aroclor-1221			128408	97556	9.136	12.326	
		Average Aroclor-1221					3.045	4.109	
11)	L3	Aroclor-1232	5.73	8.89	103559	51679	5.677	3.606	#
12)	L3	Aroclor-1232 {2}	6.85	10.42	314302	272597	23.030	22.690	
13)	L3	Aroclor-1232 {3}	8.66	12.35	213381	187312	25.778	27.013	
		Total Aroclor-1232			631242	511588	54.486	53.309	
		Average Aroclor-1232					18.162	17.770	
14)	L4	Aroclor-1242	8.28	11.77	1275210	923780	30.797	30.996	
15)	L4	Aroclor-1242 {2}	9.38	12.35	579606	187312	29.792	14.174	#
16)	L4	Aroclor-1242 {3}	10.13	14.12	570258	443667	33.752	33.347	
		Total Aroclor-1242			2425075	1554760	94.342	78.516	
		Average Aroclor-1242					31.447	26.172	
17)	L5	Aroclor-1248	9.38	15.07	579606	392282	18.211	17.414	
18)	L5	Aroclor-1248 {2}	10.13	15.29	570258	438730	20.819	18.795	
19)	L5	Aroclor-1248 {3}	11.44	16.30	640544	334183	18.409	18.716	
		Total Aroclor-1248			1790408	1165195	57.440	54.924	
		Average Aroclor-1248					19.147	18.308	

to be dilut'd

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

1069

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-19.D Vial: 42
Signal #2 : D:\HPCHEM\5\AU26A\C845-19.D\CONFIRM.D
Acq On : 27 Aug 96 06:28 PM Operator: JS
Sample : VHB/ PN5 Inst : ECD1
Misc : 30.1G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 19:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	334355	316915	10.706	11.730
21) L6 Aroclor-1254 {2}	13.48	15.83	561538	327231	13.003	11.246
22) L6 Aroclor-1254 {3}	15.87	17.69	449612	527614	13.999	13.247
Total Aroclor-1254			1345506	1171759	37.709	36.224
Average Aroclor-1254					12.570	12.075
23) L7 Aroclor-1260	13.98	18.32	272023	180535	7.839	5.646 #
24) L7 Aroclor-1260 {2}	14.75	18.64	325065	216831	7.995	6.028
25) L7 Aroclor-1260 {3}	17.97	22.06	148178	100436	2.563	1.879 #
Total Aroclor-1260			745266	497802	18.397	13.553
Average Aroclor-1260					6.132	4.518
26) L8 Aroclor-1268	0.00	23.28	0	18852	N.D.	4.389 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.12	0	2494	N.D.	NoCal
Total Aroclor-1268			0	18852	N.D.	4.389
Average Aroclor-1268					0.000	4.389

to be diluted

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

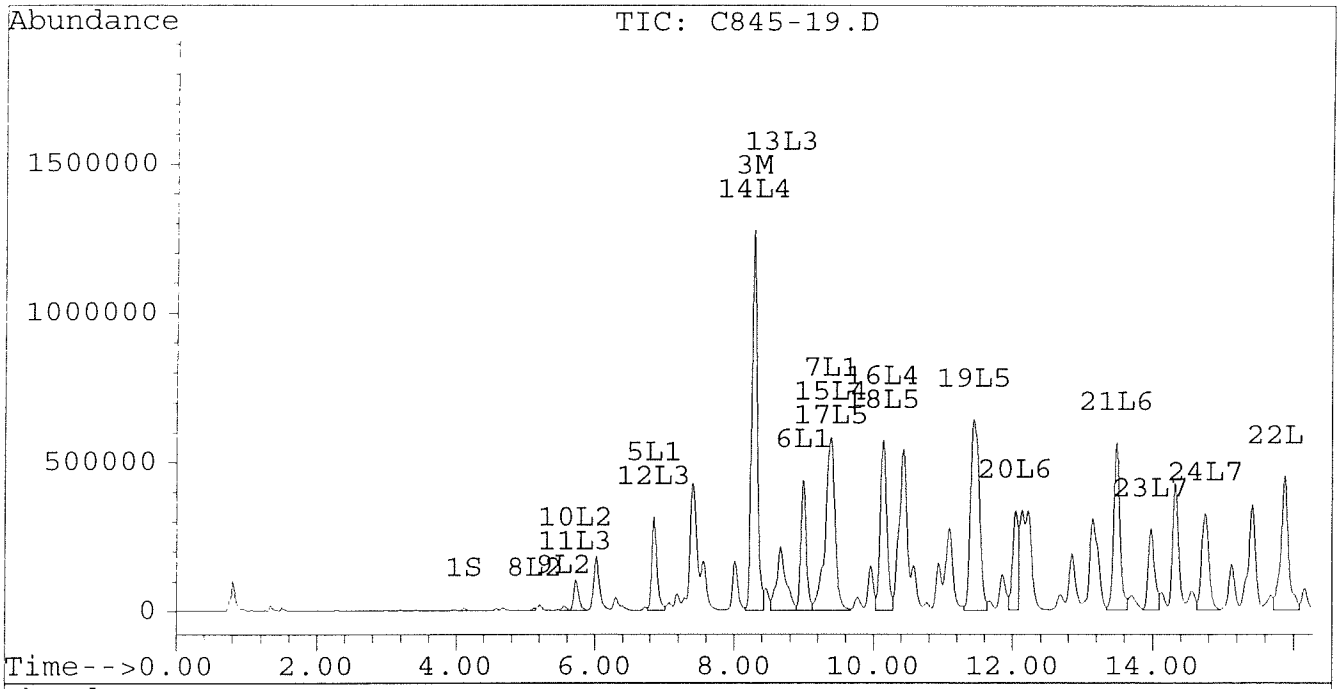
0270

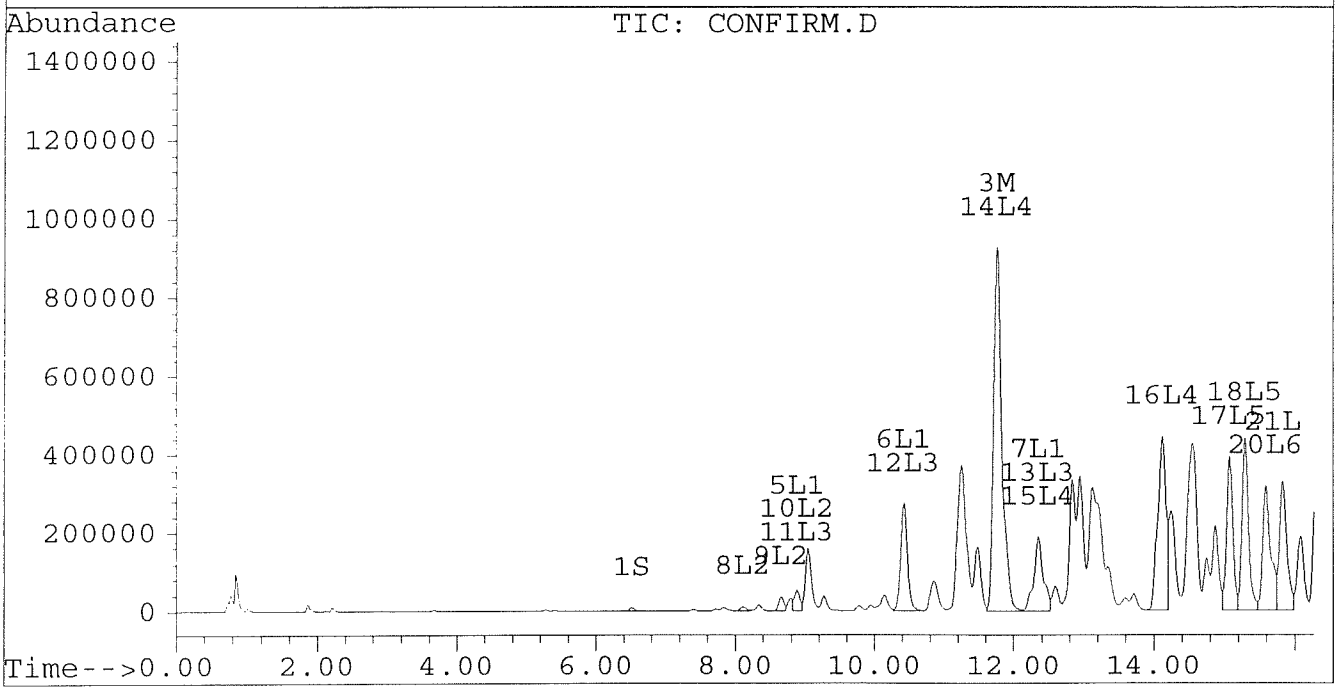
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-19.D Vial: 42
Signal #2 : D:\HPCHEM\5\AU26A\C845-19.D\CONFIRM.D
Acq On : 27 Aug 96 06:28 PM Operator: JS
Sample : VHB/ PN5 Inst : ECD1
Misc : 30.1G/10ML 85% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 19:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0271

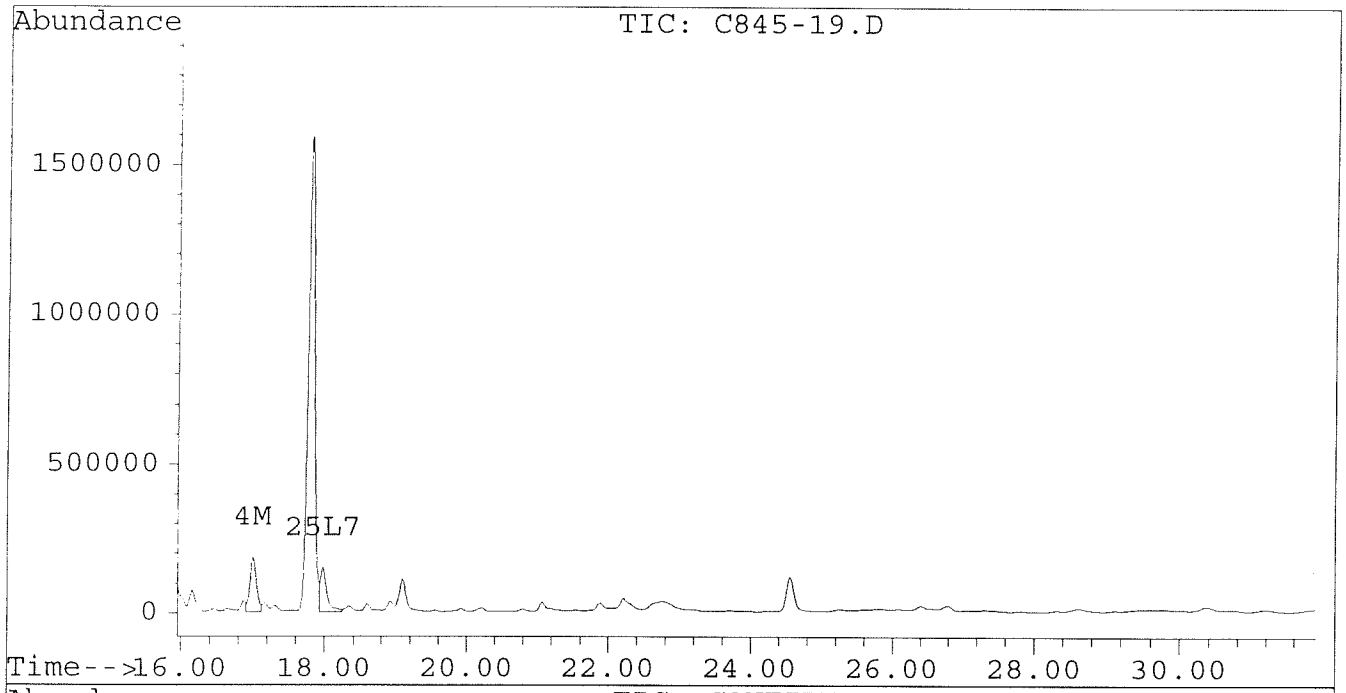
Quantitation Report

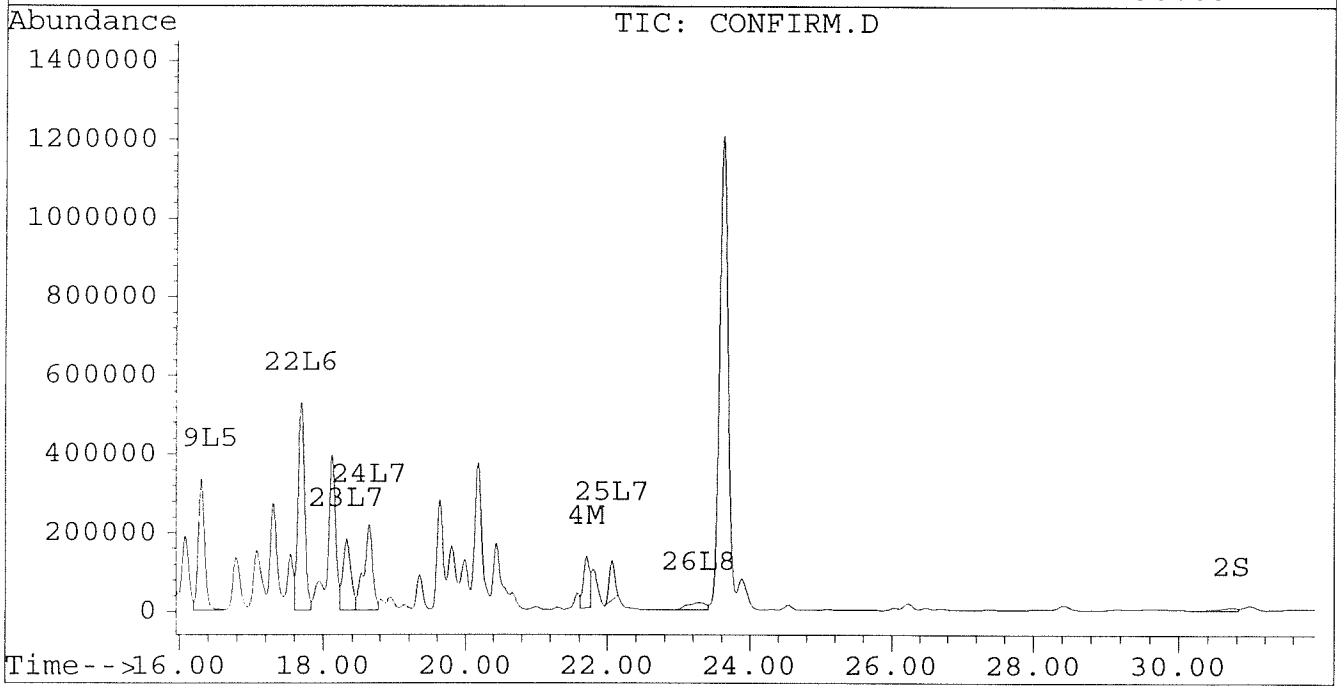
Signal #1 : D:\HPCHEM\5\AU26A\C845-19.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-19.D\CONFIRM.D
Acq On : 27 Aug 96 06:28 PM
Sample : VHB/ PN5
Misc : 30.1G/10ML 85% SOLID PCB ANALYSIS
Quant Time: Aug 27 19:02 1996

Vial: 42
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0272

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-19C.D Vial: 39
Signal #2 : D:\HPCHEM\5\SE3\C845-19C.D\CONFIRM.D
Acq On : 04 Sep 96 04:04 PM Operator: JS
Sample : VHB/ PN5 1:50 DILUTION Inst : ECD1
Misc : 30.1G/10ML 85% SOLID Multiplr: 1.00
Quant Time: Sep 4 16:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	163	188	0.001	0.001 #
				Recovery	=	2.50%	2.50%
2) S	Decachlorobiphenyl	0.00	30.46	0	110	N.D.	0.001 #
				Recovery	=	0.00%	2.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	42790	30815	0.391	0.322
4) M	2,2',3,3',4,4'-Hexa	16.91	21.60	4955	2806	0.027	0.018 #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 (2)	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 (3)	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.14	0.00	376	0	0.054	N.D. #
9) L2	Aroclor-1221 (2)	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 (3)	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			376	0	0.054	N.D.
Average	Aroclor-1221					0.054	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 (2)	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 (3)	8.70	0.00	2467	0	0.298	N.D. #
Total	Aroclor-1232			2467	0	0.298	N.D.
Average	Aroclor-1232					0.298	0.000
14) L4	Aroclor-1242	8.20	11.69	42790	30815	1.033	1.034
15) L4	Aroclor-1242 (2)	9.30	12.27	22345	6072	1.149	0.459 #
16) L4	Aroclor-1242 (3)	10.05	14.04	20392	15634	1.207	1.175
Total	Aroclor-1242			85528	52522	3.389	2.669
Average	Aroclor-1242					1.130	0.890
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 (2)	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 (3)	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-19C.D Vial: 39
Signal #2 : D:\HPCHEM\5\SE3\C845-19C.D\CONFIRM.D
Acq On : 04 Sep 96 04:04 PM Operator: JS
Sample : VHB/ PN5 1:50 DILUTION Inst : ECD1
Misc : 30.1G/10ML 85% SOLID Multiplr: 1.00
Quant Time: Sep 4 16:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	12276	11337	0.393	0.420
21) L6 Aroclor-1254 {2}	13.39	15.74	18369	11880	0.425	0.408
22) L6 Aroclor-1254 {3}	15.78	17.59	13367	16988	0.416	0.427
Total Aroclor-1254			44012	40205	1.235	1.254
Average Aroclor-1254					0.412	0.418
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	723	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	23.49	2145	38521	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.78f	0.00	416	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

$$AR\ 1242 = \frac{2.182 \times 10\,mL \times 1.5 \times 50\ (DF)}{30.1 \times 0.85} = 64,022$$

$$AR\ 1254 = \frac{0.841 \times 10\,mL \times 1.5 \times 50}{30.1 \times 0.85} = 25,000$$

KL

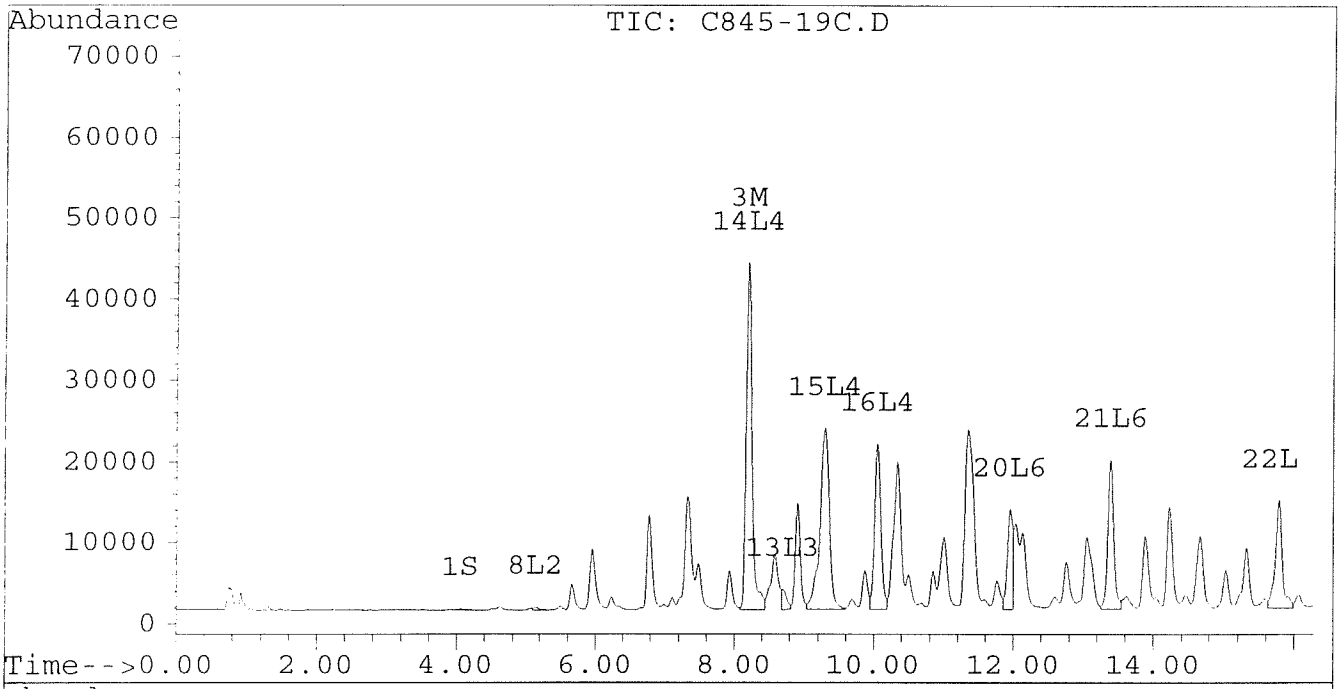
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

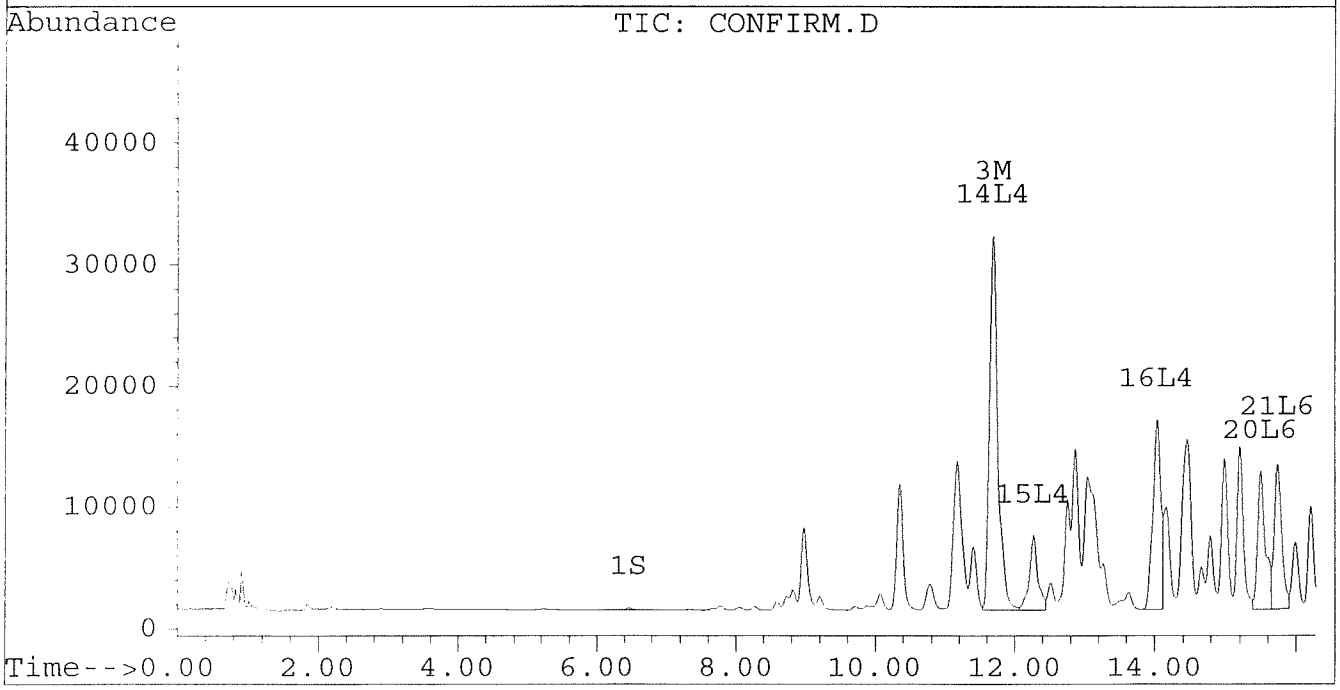
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-19C.D Vial: 39
Signal #2 : D:\HPCHEM\5\SE3\C845-19C.D\CONFIRM.D
Acq On : 04 Sep 96 04:04 PM Operator: JS
Sample : VHB/ PN5 1:50 DILUTION Inst : ECD1
Misc : 30.1G/10ML 85% SOLID Multiplr: 1.00
Quant Time: Sep 4 16:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0275

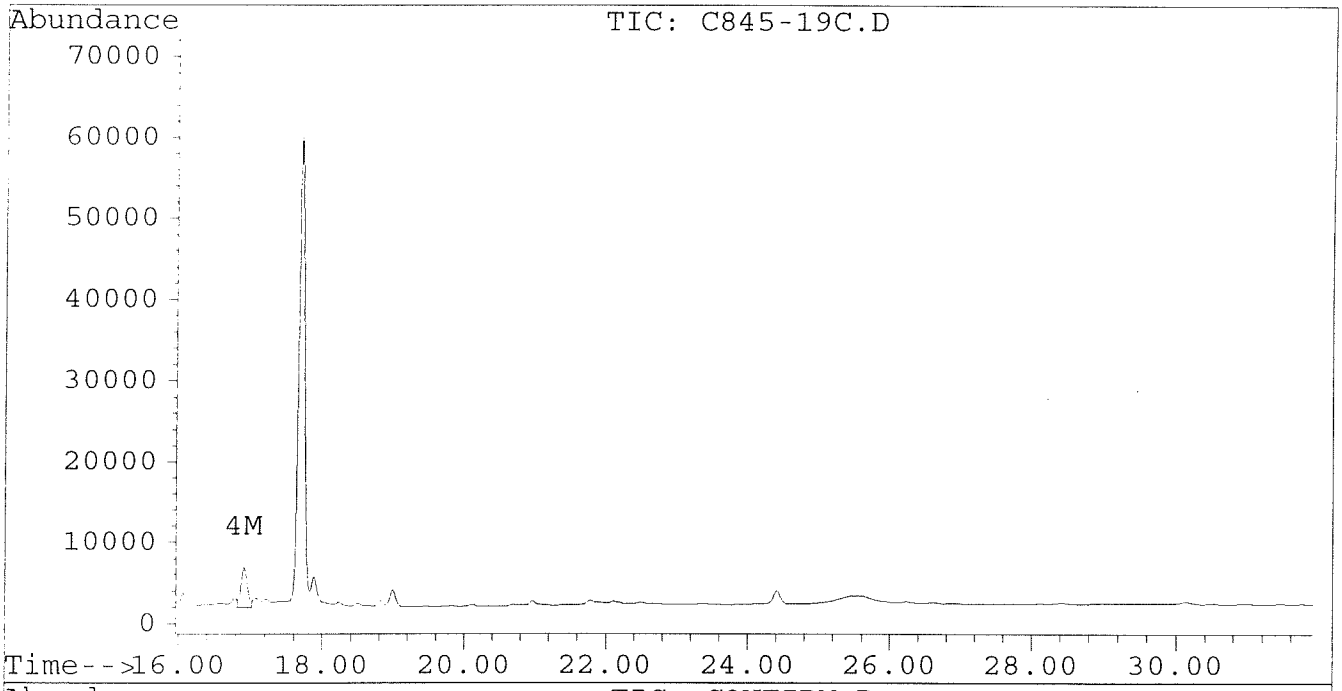
Quantitation Report

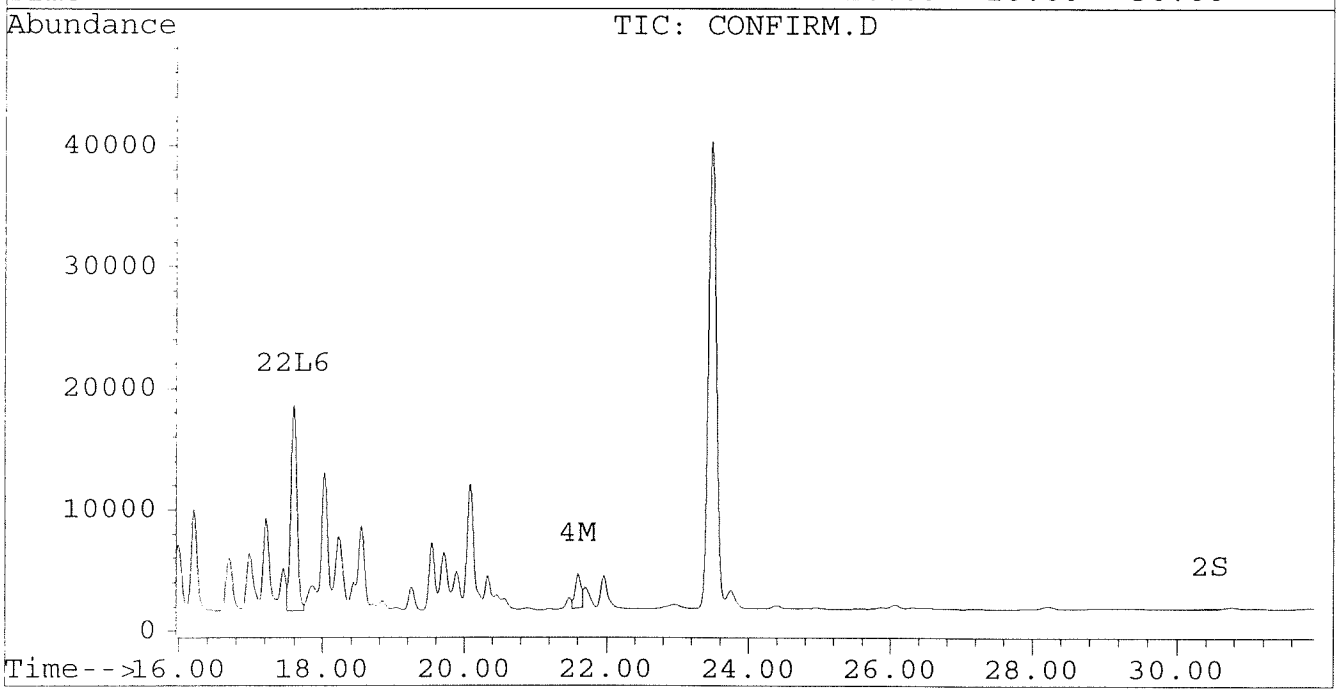
Signal #1 : D:\HPCHEM\5\SE3\C845-19C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-19C.D\CONFIRM.D
Acq On : 04 Sep 96 04:04 PM
Sample : VHB/ PN5 1:50 DILUTION
Misc : 30.1G/10ML 85% SOLID
Quant Time: Sep 4 16:38 1996

Vial: 39
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0276

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-20.D Vial: 43
Signal #2 : D:\HPCHEM\5\AU26A\C845-20.D\CONFIRM.D
Acq On : 27 Aug 96 07:04 PM Operator: JS
Sample : VHB/ PO4 Inst : ECD1
Misc : 30.3G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 19:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	7382	6174	0.031	0.032	
				Recovery	=	77.50%	80.00%	
2) S	Decachlorobiphenyl	22.29	30.76	8840	3079	0.042	0.035	
				Recovery	=	105.00%	87.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	158248	116534	1.445	1.217	
4) M	2,2',3,3',4,4'-Hexa	16.99	21.71	41291	29852	0.221	0.190	
5) L1	Aroclor-1016	6.85	8.90	31156	5704	0.973	0.424	#
6) L1	Aroclor-1016 {2}	8.99	10.43	54311	27690	3.096	0.992	#
7) L1	Aroclor-1016 {3}	9.38	12.36	80832	20040	3.118	1.161	#
Total	Aroclor-1016			166299	53434	7.187	2.577	
Average	Aroclor-1016					2.396	0.859	
8) L2	Aroclor-1221	5.13	8.12	730	2420	0.104	0.396	#
9) L2	Aroclor-1221 {2}	5.55	8.67	1517	13274	0.260	2.722	#
10) L2	Aroclor-1221 {3}	5.71	8.90	22050	5704	1.091	0.372	#
Total	Aroclor-1221			24298	21398	1.456	3.489	
Average	Aroclor-1221					0.485	1.163	
11) L3	Aroclor-1232	5.71	8.90	22050	5704	1.209	0.398	#
12) L3	Aroclor-1232 {2}	6.85	10.43	31156	27690	2.283	2.305	
13) L3	Aroclor-1232 {3}	8.66	12.36	23380	20040	2.824	2.890	
Total	Aroclor-1232			76586	53434	6.316	5.593	
Average	Aroclor-1232					2.105	1.864	
14) L4	Aroclor-1242	8.27	11.78	158248	116534	3.822	3.910	
15) L4	Aroclor-1242 {2}	9.38	12.36	80832	20040	4.155	1.516	#
16) L4	Aroclor-1242 {3}	10.13	14.13	76421	58611	4.523	4.405	
Total	Aroclor-1242			315500	195185	12.500	9.832	
Average	Aroclor-1242					4.167	3.277	
17) L5	Aroclor-1248	9.38	15.08	80832	65097	2.540	2.890	
18) L5	Aroclor-1248 {2}	10.13	15.30	76421	60982	2.790	2.612	
19) L5	Aroclor-1248 {3}	11.43	16.31	112605	44687	3.236	2.503	
Total	Aroclor-1248			269858	170766	8.566	8.005	
Average	Aroclor-1248					2.855	2.668	

to be deleted

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0277

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-20.D Vial: 43
Signal #2 : D:\HPCHEM\5\AU26A\C845-20.D\CONFIRM.D
Acq On : 27 Aug 96 07:04 PM Operator: JS
Sample : VHB/ PO4 Inst : ECD1
Misc : 30.3G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 19:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	73880	57811	2.366	2.140
21) L6 Aroclor-1254 {2}	13.48	15.83	124004	68781	2.871	2.364
22) L6 Aroclor-1254 {3}	15.87	17.69	111073	113564	3.458	2.851
Total Aroclor-1254			308956	240156	8.696	7.355
Average Aroclor-1254					2.899	2.452
23) L7 Aroclor-1260	13.98	18.33	58167	37355	1.676	1.168 #
24) L7 Aroclor-1260 {2}	14.76	18.64	56737	49358	1.395	1.372
25) L7 Aroclor-1260 {3}	17.97	22.06	36846	16919	0.637	0.316 #
Total Aroclor-1260			151750	103632	3.709	2.857
Average Aroclor-1260					1.236	0.952
26) L8 Aroclor-1268	0.00	23.33	0	41734	N.D.	9.717 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.11	0	6336	N.D.	NoCal
Total Aroclor-1268			0	41734	N.D.	9.717
Average Aroclor-1268					0.000	9.717

to be calculated

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0278

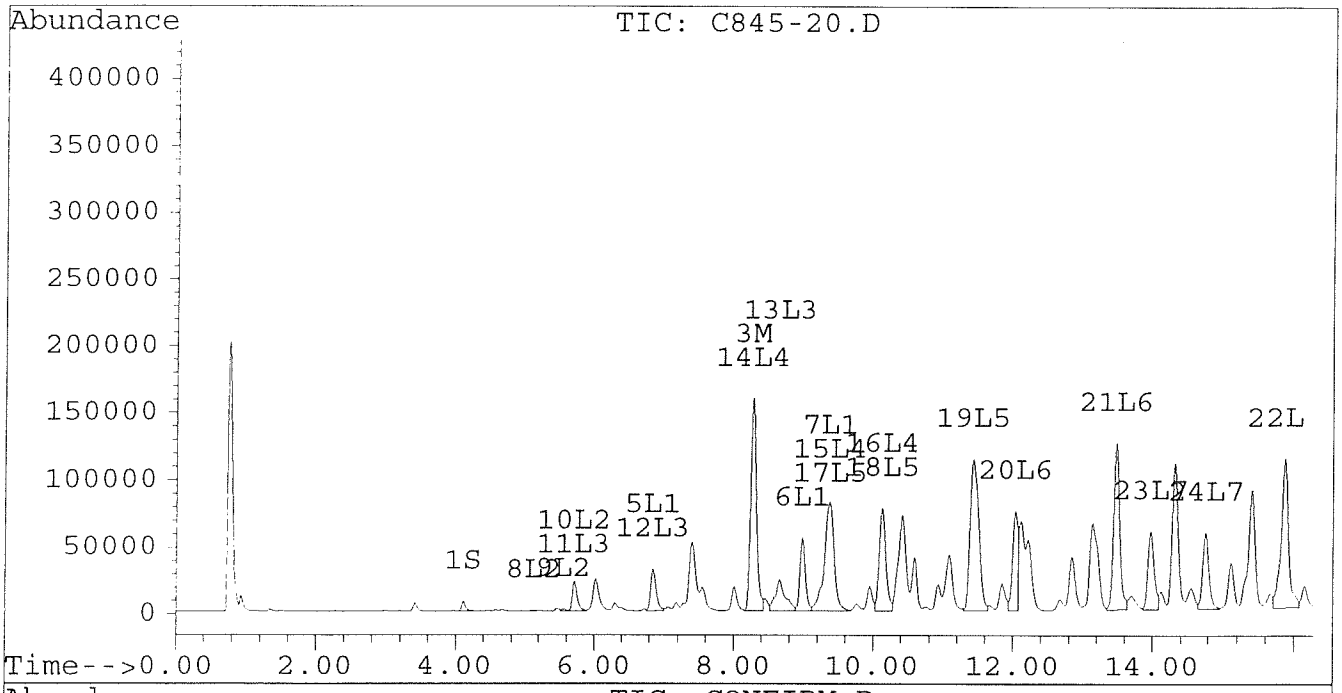
Quantitation Report

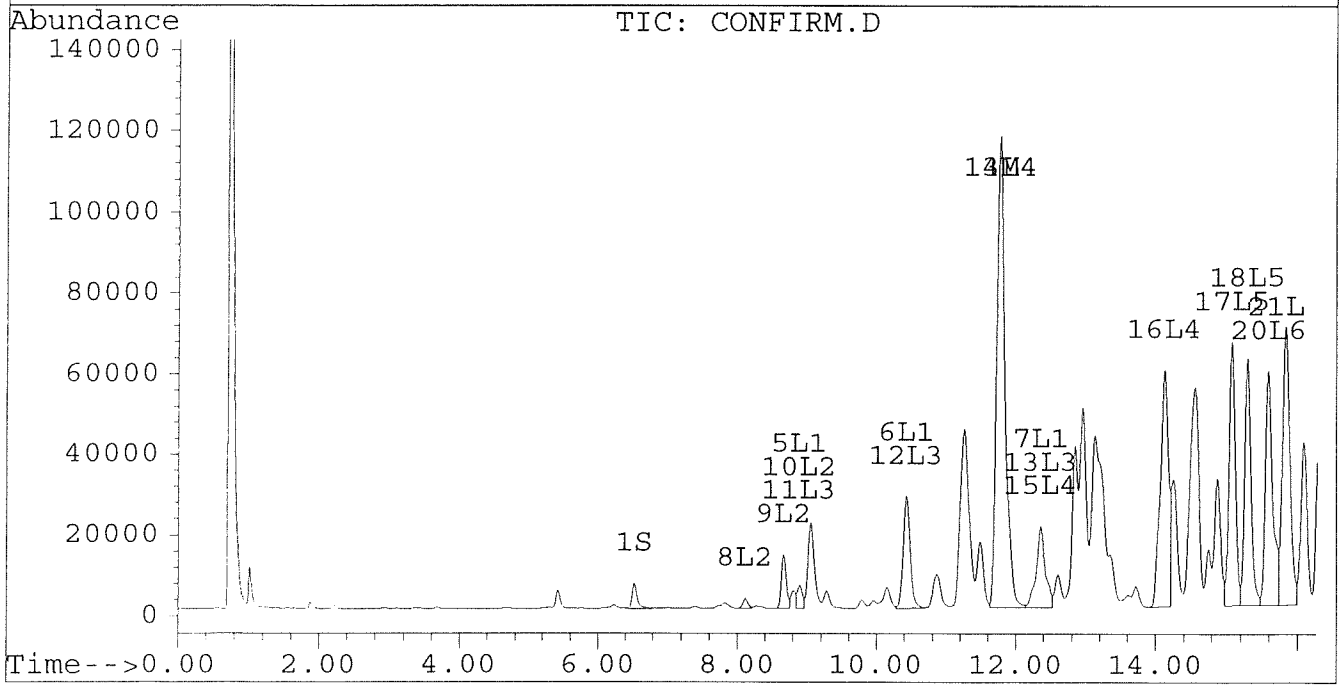
Signal #1 : D:\HPCHEM\5\AU26A\C845-20.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-20.D\CONFIRM.D
Acq On : 27 Aug 96 07:04 PM
Sample : VHB/ PO4
Misc : 30.3G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Aug 27 19:38 1996

Vial: 43
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



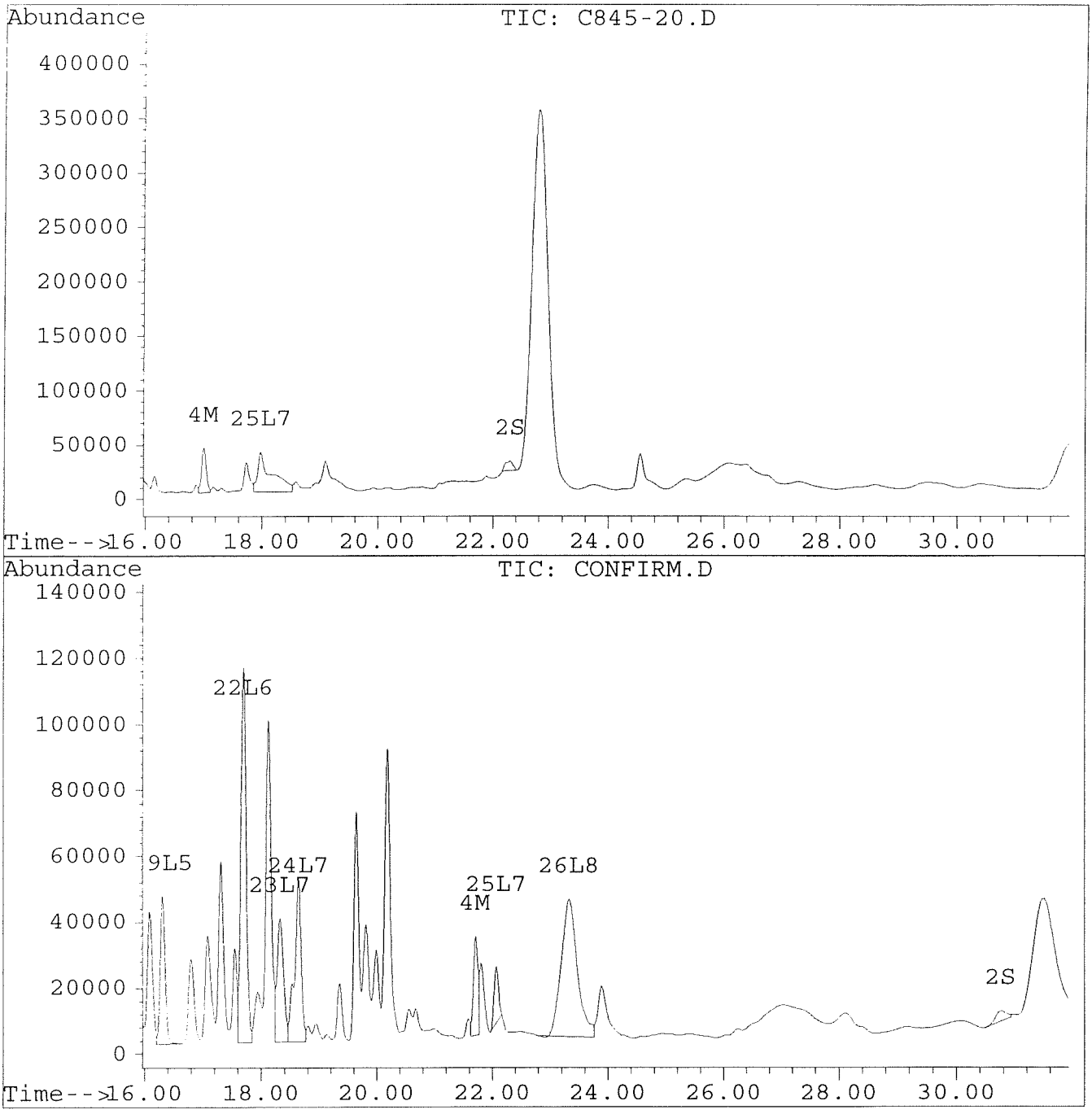


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-20.D Vial: 43
Signal #2 : D:\HPCHEM\5\AU26A\C845-20.D\CONFIRM.D
Acq On : 27 Aug 96 07:04 PM Operator: JS
Sample : VHB/ PO4 Inst : ECD1
Misc : 30.3G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 19:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-20A.D Vial: 90
Signal #2 : D:\HPCHEM\5\AU29\C845-20A.D\CONFIRM.D
Acq On : 01 Sep 96 03:16 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 15:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

30.3g @ 93% oil

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	1504	4436	0.006	0.023	#
				Recovery	=	15.00%	57.50%	
2)	S Decachlorobiphenyl	22.29	30.72	1141	457	0.005	0.005	
				Recovery	=	12.50%	12.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	42618	34566	0.389	0.361	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	9583	6649	0.051	0.042	
5)	L1 Aroclor-1016	6.85	8.90	8646	8251	0.270	0.613	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	13258	15648	0.756	0.560	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	22924	9677	0.884	0.561	#
	Total Aroclor-1016			44828	33576	1.910	1.734	
	Average Aroclor-1016					0.637	0.578	
8)	L2 Aroclor-1221	5.13	8.12	177	5923	0.025	0.969	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	381	9423	0.065	1.932	#
10)	L2 Aroclor-1221 {3}	5.71	8.90	4803	8251	0.238	0.537	#
	Total Aroclor-1221			5361	23597	0.328	3.438	
	Average Aroclor-1221					0.109	1.146	
11)	L3 Aroclor-1232	5.71	8.90	4803	8251	0.263	0.576	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	8646	15648	0.634	1.302	#
13)	L3 Aroclor-1232 {3}	8.66	12.36	5906	9677	0.713	1.396	#
	Total Aroclor-1232			19355	33576	1.610	3.274	
	Average Aroclor-1232					0.537	1.091	
14)	L4 Aroclor-1242	8.27	11.78	42618	34566	1.029	1.160	
15)	L4 Aroclor-1242 {2}	9.37	12.36	22924	9677	1.178	0.732	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	20713	18544	1.226	1.394	
	Total Aroclor-1242			86255	62787	3.434	3.286	
	Average Aroclor-1242					1.145	1.095	
17)	L5 Aroclor-1248	9.37	15.08	22924	18142	0.720	0.805	
18)	L5 Aroclor-1248 {2}	10.13	15.30	20713	16287	0.756	0.698	
19)	L5 Aroclor-1248 {3}	11.43	16.31	30643	10284	0.881	0.576	#
	Total Aroclor-1248			74280	44712	2.357	2.079	
	Average Aroclor-1248					0.786	0.693	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0281

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-20A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-20A.D\CONFIRM.D
Acq On : 01 Sep 96 03:16 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 15:50 1996

Vial: 90
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	20619	16755	0.660	0.620
21) L6 Aroclor-1254 {2}	13.48	15.83	33046	20012	0.765	0.688
22) L6 Aroclor-1254 {3}	15.87	17.69	28513	30972	0.888	0.778
Total Aroclor-1254			82178	67739	2.313	2.086
Average Aroclor-1254					0.771	0.695
23) L7 Aroclor-1260	13.97	18.33	15240	10568	0.439	0.331
24) L7 Aroclor-1260 {2}	14.76	18.64	15062	13565	0.370	0.377
25) L7 Aroclor-1260 {3}	17.97	22.06	5875	3782	0.102	0.071 #
Total Aroclor-1260			36177	27915	0.911	0.778
Average Aroclor-1260					0.304	0.259
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.13	0	148	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

DF

$$AR\,1242 = \frac{2.207 \times 10\,mL \times 1.5 \times 5}{30.3 \times 0.93} = 5,907\,D$$

$$AR\,1254 = \frac{1653 \times 10\,mL \times 1.5 \times 5}{303 \times 0.93} = 4,407\,D$$

(12)

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

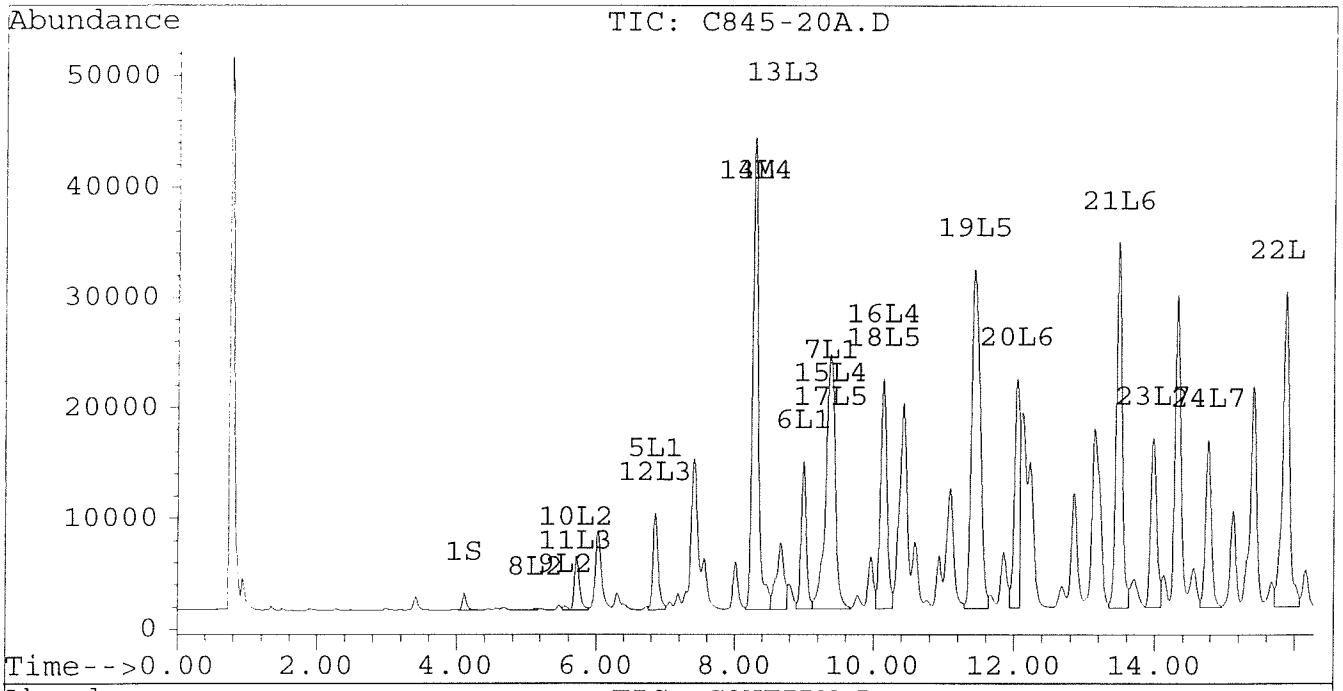
Quantitation Report

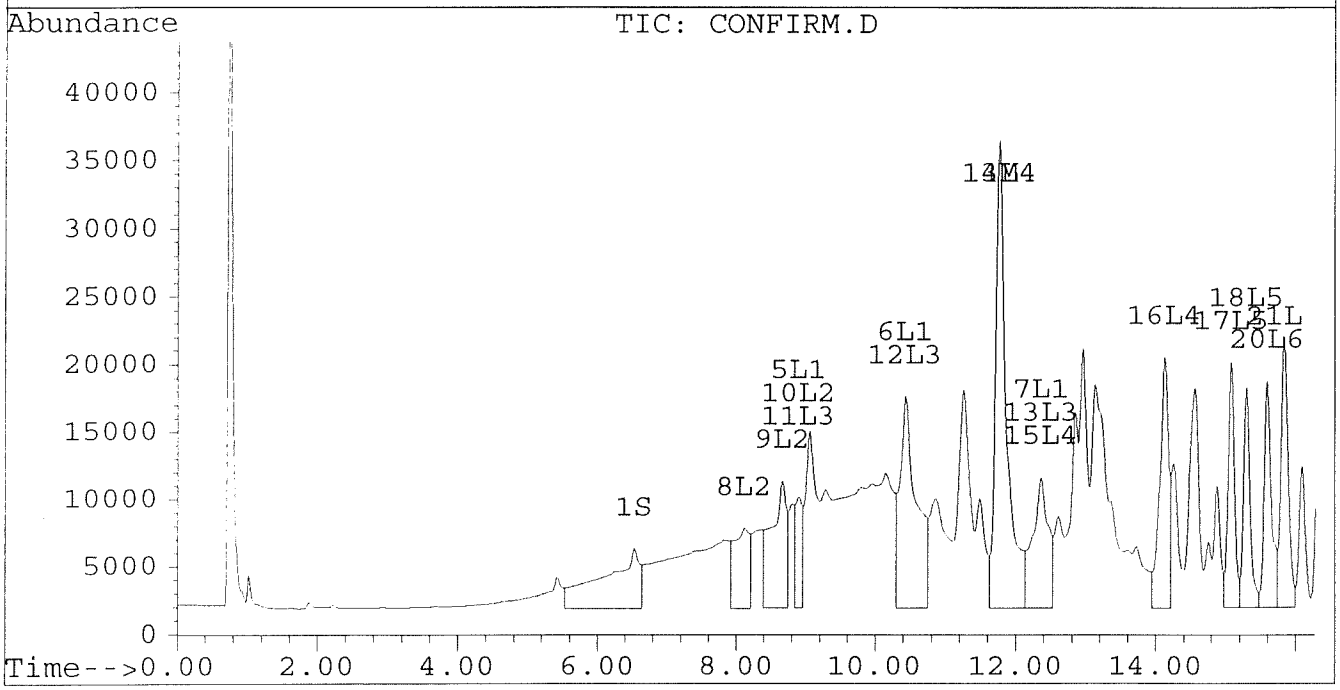
Signal #1 : D:\HPCHEM\5\AU29\C845-20A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-20A.D\CONFIRM.D
Acq On : 01 Sep 96 03:16 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 15:50 1996

Vial: 90
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0283

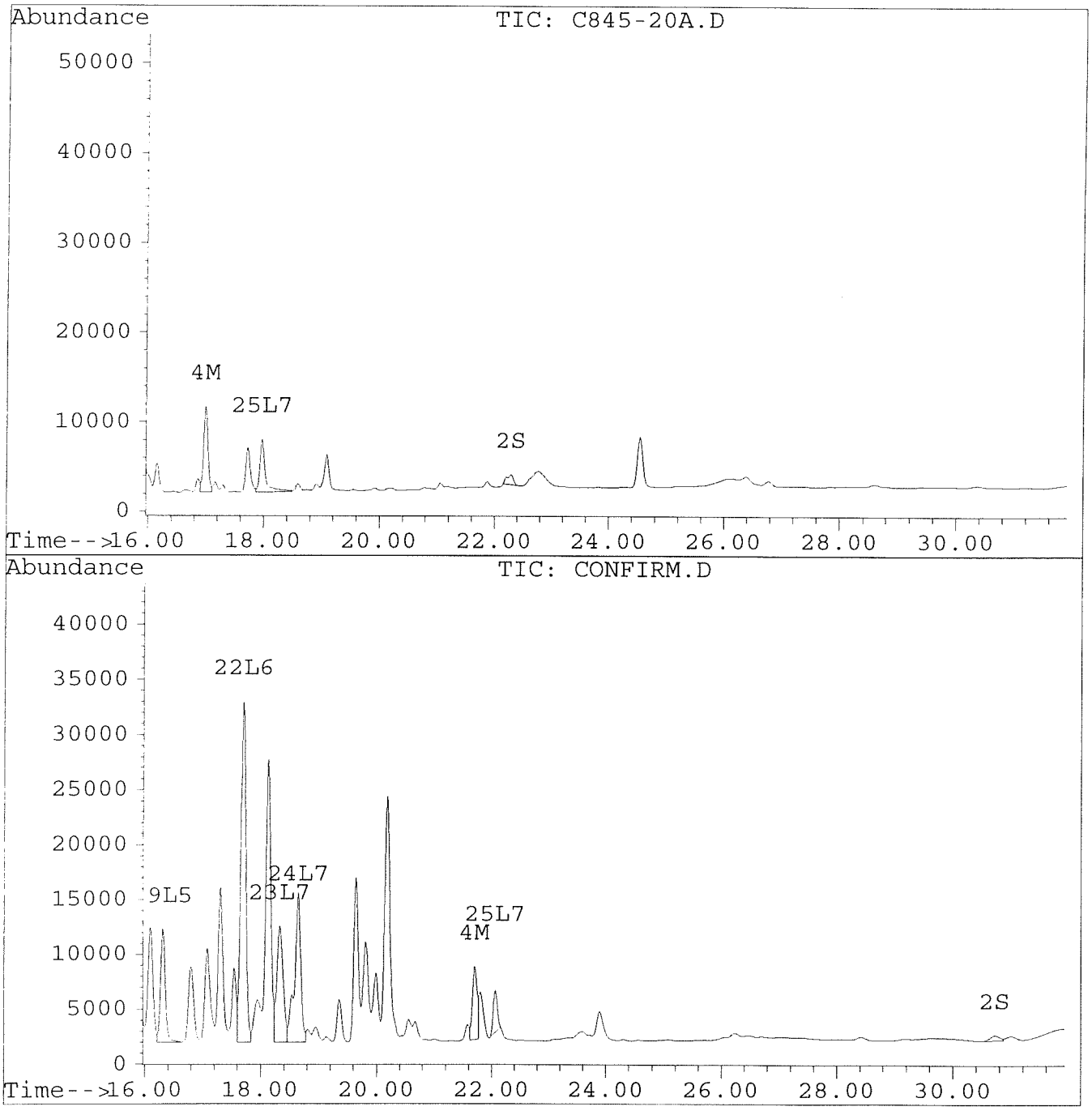
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-20A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-20A.D\CONFIRM.D
Acq On : 01 Sep 96 03:16 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 15:50 1996

Vial: 90
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0284

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0822-B1.D Vial: 6
Signal #2 : D:\HPCHEM\5\AU26A\P0822-B1.D\CONFIRM.D
Acq On : 26 Aug 96 08:53 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 21:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.11	6.53	8681	7068	0.036	0.037
				Recovery	=	90.00%	92.50%
2)	S Decachlorobiphenyl	22.29	30.71	6277	2318	0.030	0.026
				Recovery	=	75.00%	65.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4)	M 2,2',3,3',4,4'-Hexa	17.00	0.00	2423	0	~~0.013~~	N.D. #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	9.40	0.00	12	0	0.000	N.D. #
	Total Aroclor-1016			12	0	0.000	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	5.73	0.00	17	0	0.001	N.D. #
	Total Aroclor-1221			17	0	~~0.001~~	N.D.
	Average Aroclor-1221					0.001	0.000
11)	L3 Aroclor-1232	5.73	0.00	17	0	0.001	N.D. #
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	8.63f	0.00	31	0	0.004	N.D. #
	Total Aroclor-1232			47	0	~~0.005~~	N.D.
	Average Aroclor-1232					0.002	0.000
14)	L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15)	L4 Aroclor-1242 {2}	9.40	0.00	12	0	0.001	N.D. #
16)	L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			12	0	~~0.001~~	N.D.
	Average Aroclor-1242					0.001	0.000
17)	L5 Aroclor-1248	9.40	0.00	12	0	0.000	N.D. #
18)	L5 Aroclor-1248 {2}	0.00	15.33	0	69	N.D.	0.003 #
19)	L5 Aroclor-1248 {3}	11.46	0.00	170	0	0.005	N.D. #
	Total Aroclor-1248			182	69	~~0.005~~	0.003
	Average Aroclor-1248					0.003	0.003

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0285

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0822-B1.D
Signal #2 : D:\HPCHEM\5\AU26A\P0822-B1.D\CONFIRM.D
Acq On : 26 Aug 96 08:53 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS
Quant Time: Aug 26 21:27 1996

Vial: 6
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	13.50	0.00	39	0	0.001	N.D. #
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			39	0	~~0.001~~	N.D.
Average Aroclor-1254					0.001	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.50	0	26	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

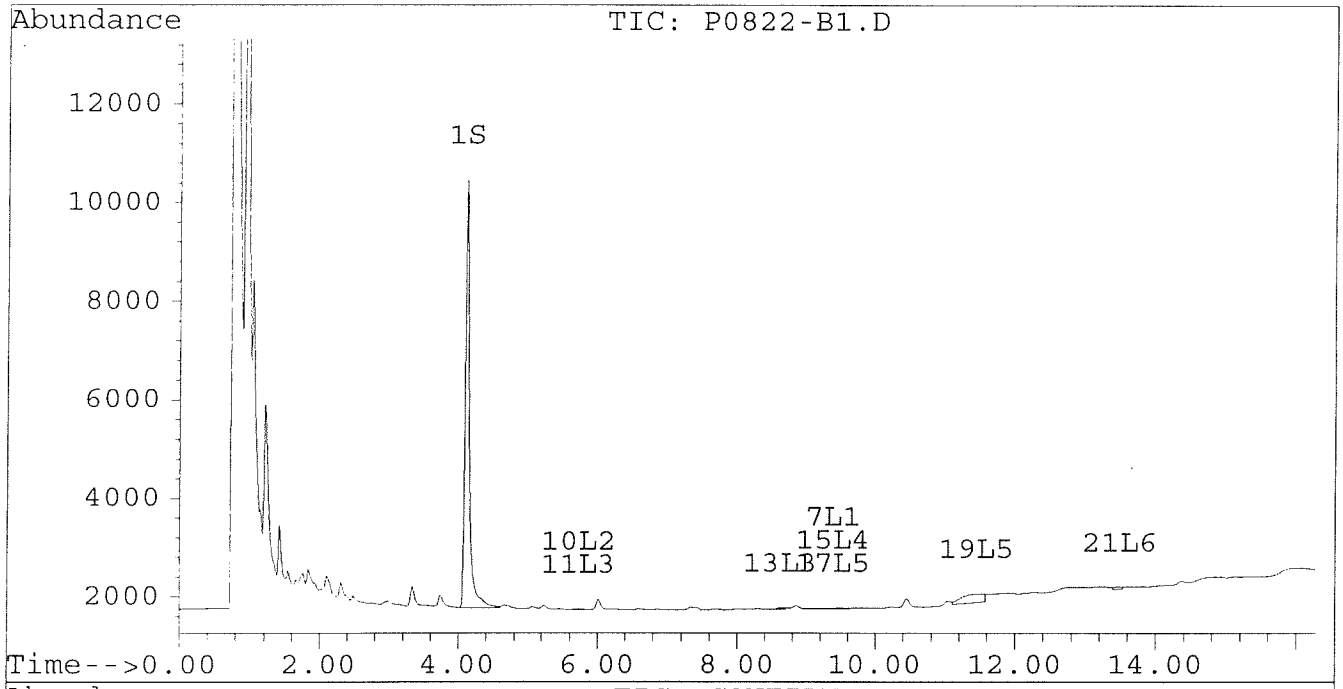
0286

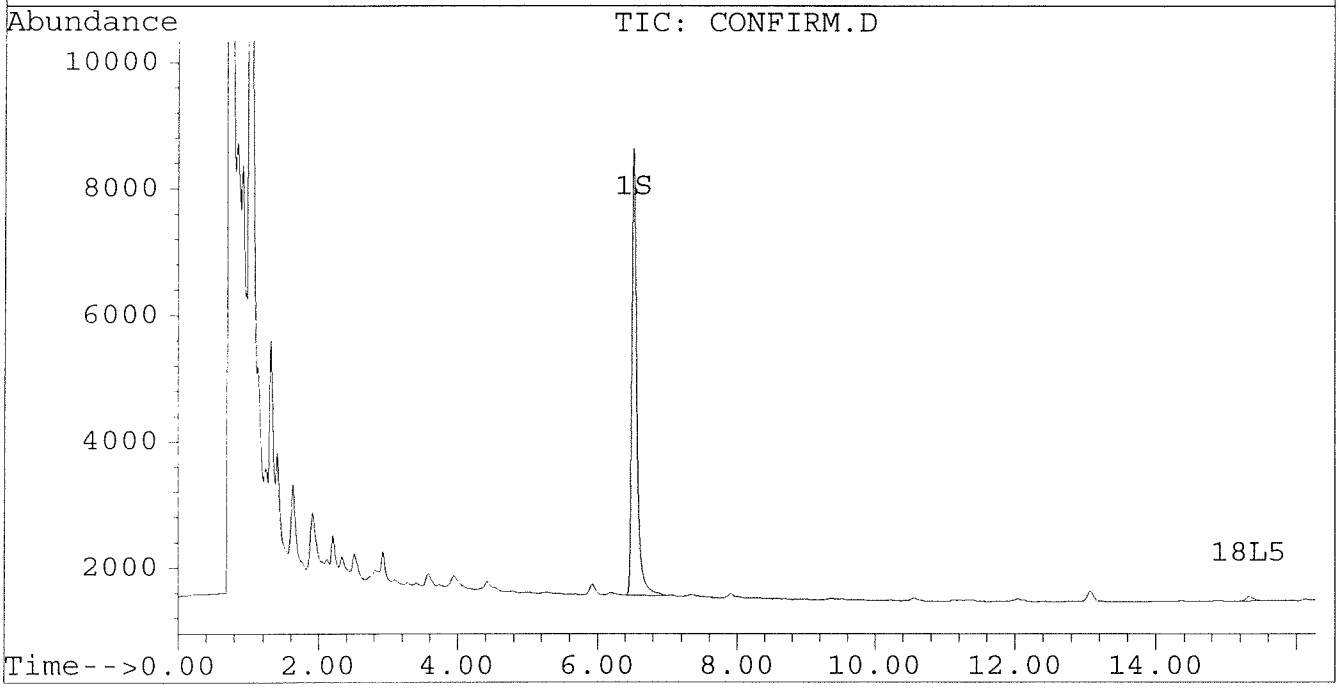
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0822-B1.D Vial: 6
Signal #2 : D:\HPCHEM\5\AU26A\P0822-B1.D\CONFIRM.D
Acq On : 26 Aug 96 08:53 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 21:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





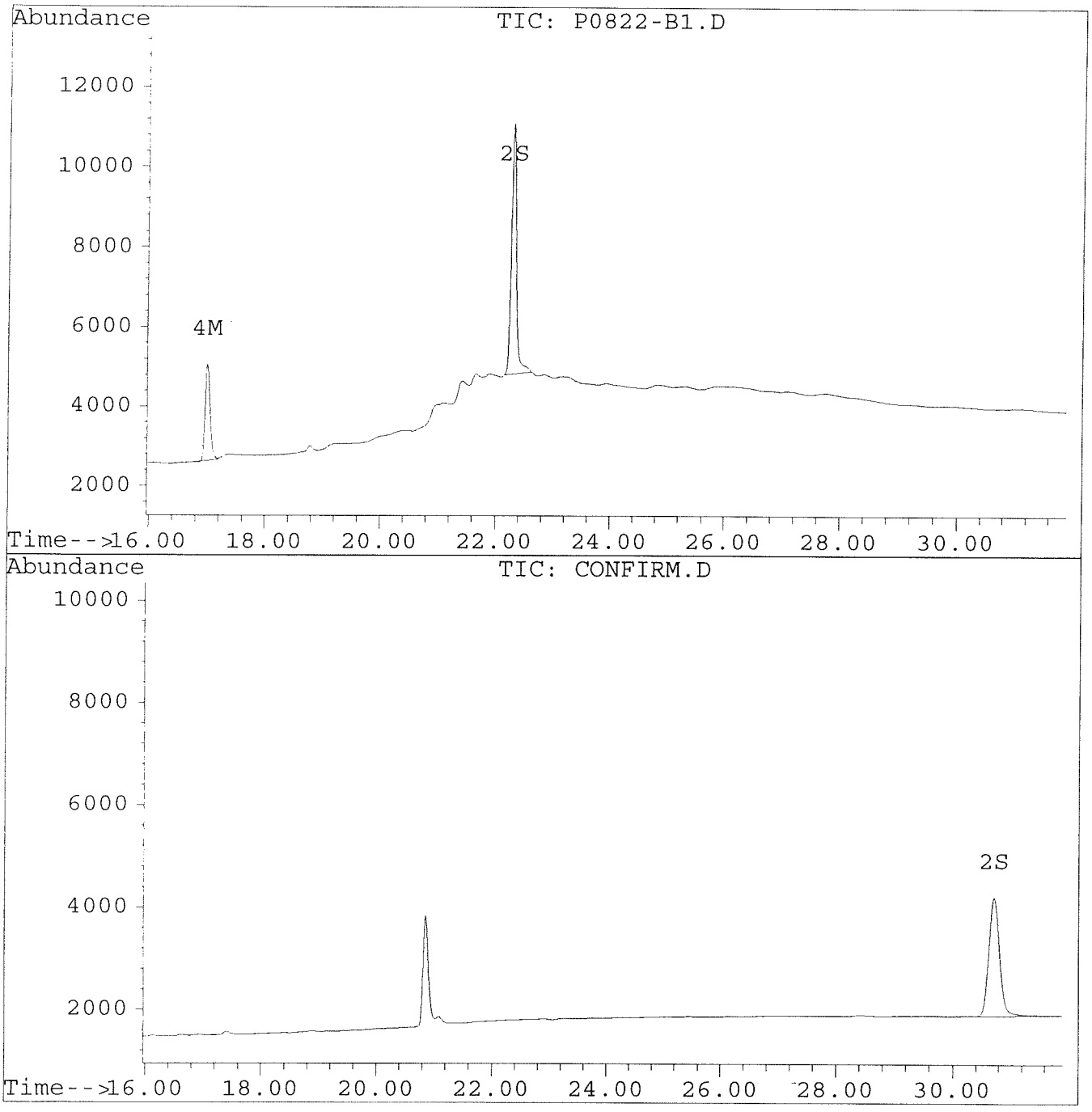
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0822-B1.D
Signal #2 : D:\HPCHEM\5\AU26A\P0822-B1.D\CONFIRM.D
Acq On : 26 Aug 96 08:53 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS
Quant Time: Aug 26 21:27 1996

Vial: 6
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0288

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0822-L1.D Vial: 8
Signal #2 : D:\HPCHEM\5\AU26A\P0822-L1.D\CONFIRM.D
Acq On : 26 Aug 96 10:04 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 22:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.10	6.53	8291	6502	0.035	0.034
				Recovery	=	87.50%	85.00%
2)	S Decachlorobiphenyl	22.30	30.71	6299	2370	0.030	0.027
				Recovery	=	75.00%	67.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.27	11.79	82125	74385	0.750	0.777
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	138491	124173	0.741	0.791
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	9.35	0.00	15	0	0.001	N.D. #
	Total Aroclor-1016			15	0	0.001	N.D.
	Average Aroclor-1016					0.001	0.000
8)	L2 Aroclor-1221	5.11	8.11	168	125	0.024	0.020
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			168	125	0.024	0.020
	Average Aroclor-1221					0.024	0.020
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14)	L4 Aroclor-1242	8.27	11.79	82125	74385	1.983	2.496 #
15)	L4 Aroclor-1242 {2}	9.35	0.00	15	0	0.001	N.D. #
16)	L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			82141	74385	1.984	2.496
	Average Aroclor-1242					0.992	2.496
17)	L5 Aroclor-1248	9.35	0.00	15	0	0.000	N.D. #
18)	L5 Aroclor-1248 {2}	0.00	15.32	0	65	N.D.	0.003 #
19)	L5 Aroclor-1248 {3}	11.49f	16.31	136	17	0.004	0.001 #
	Total Aroclor-1248			151	82	0.004	0.004
	Average Aroclor-1248					0.002	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0822-L1.D Vial: 8
Signal #2 : D:\HPCHEM\5\AU26A\P0822-L1.D\CONFIRM.D
Acq On : 26 Aug 96 10:04 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 22:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	13.97	0.00	442	0	0.013	N.D. #
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	17.97	0.00	46	0	0.001	N.D. #
Total Aroclor-1260			488	0	~~0.014~~	N.D.
Average Aroclor-1260					0.007	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

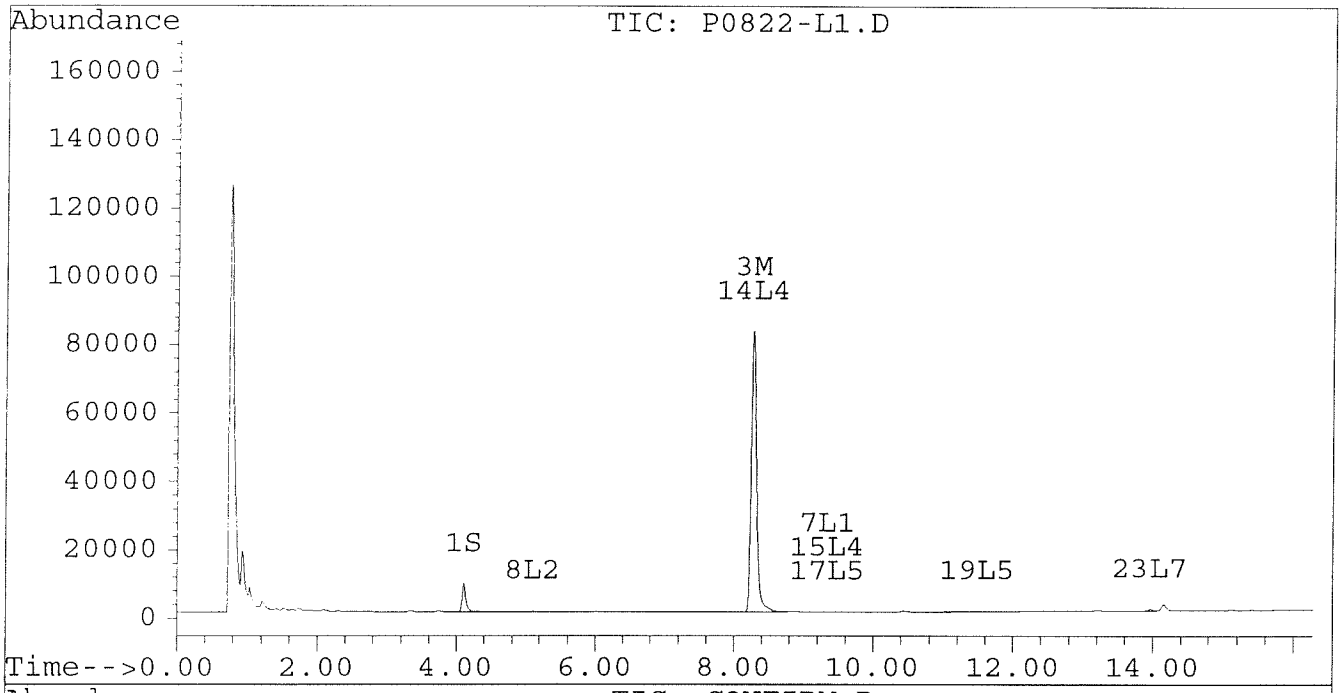
0290

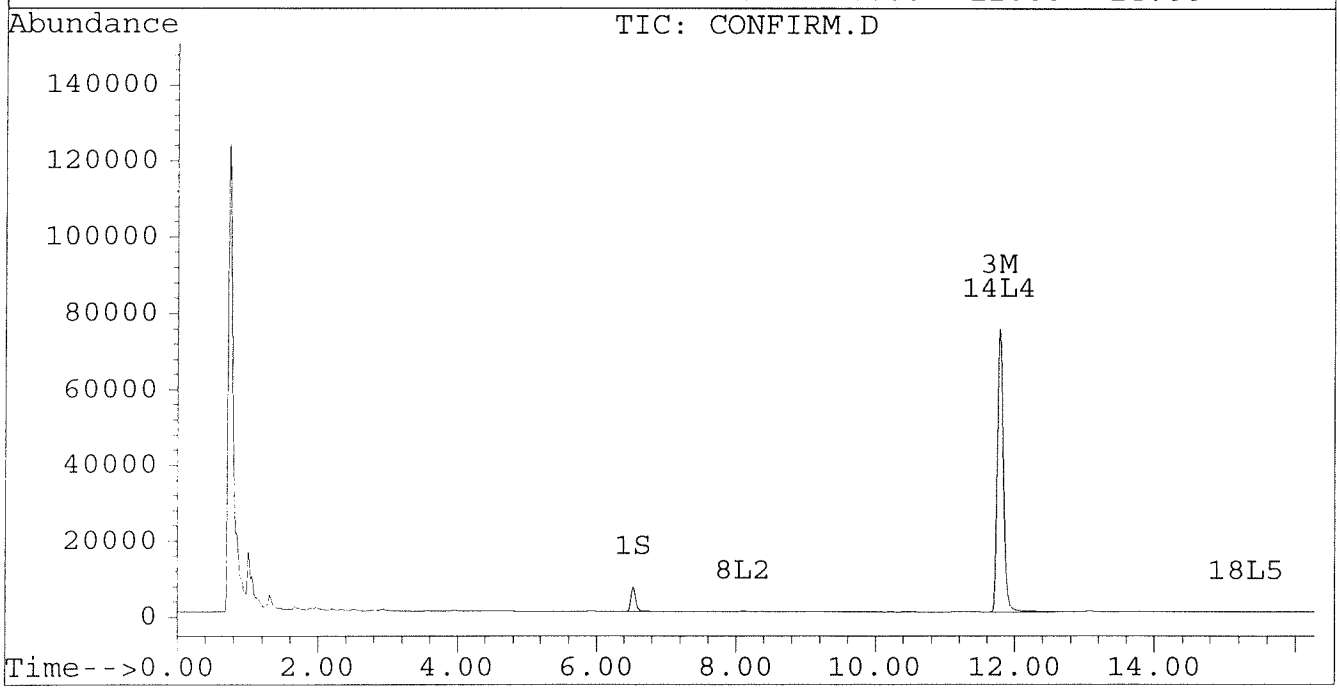
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0822-L1.D Vial: 8
Signal #2 : D:\HPCHEM\5\AU26A\P0822-L1.D\CONFIRM.D
Acq On : 26 Aug 96 10:04 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 22:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0291

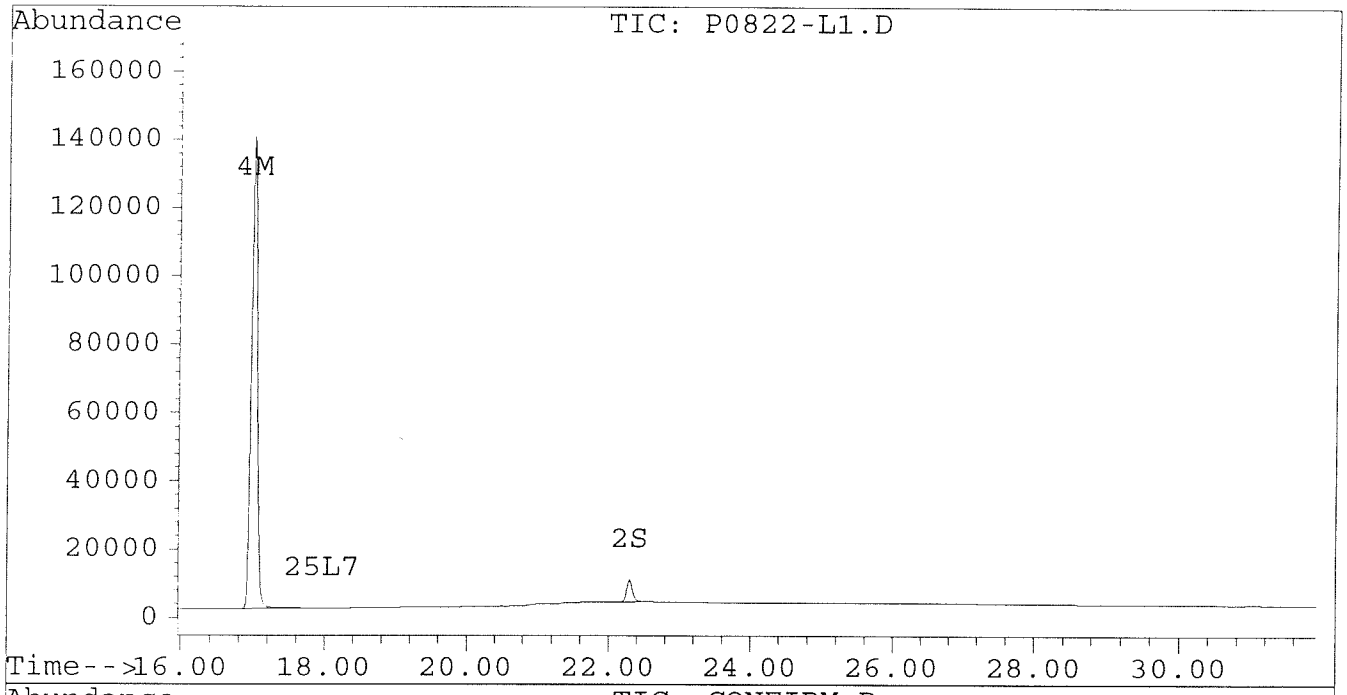
Quantitation Report

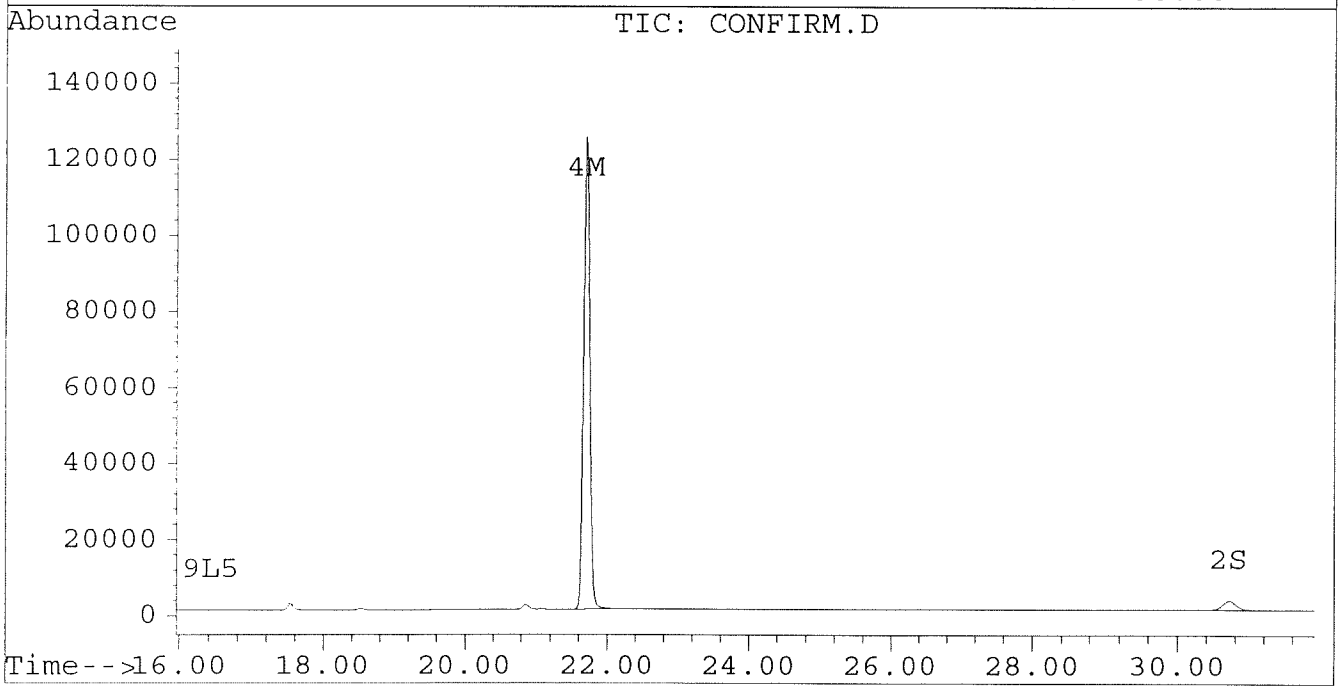
Signal #1 : D:\HPCHEM\5\AU26A\P0822-L1.D
Signal #2 : D:\HPCHEM\5\AU26A\P0822-L1.D\CONFIRM.D
Acq On : 26 Aug 96 10:04 PM
Sample : SOIL LAB CONTROL SAMPLE
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS
Quant Time: Aug 26 22:38 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0292

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01M.D Vial: 11
Signal #2 : D:\HPCHEM\5\AU26A\C845-01M.D\CONFIRM.D
Acq On : 26 Aug 96 11:51 PM Operator: JS
Sample : VHB/ PM1 MS Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 0:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.11	6.53	6811	7639	0.029	0.040 #
				Recovery	=	72.50%	100.00%
2)	S Decachlorobiphenyl	22.30	30.73	8632	3480	0.041	0.039
				Recovery	=	102.50%	97.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.27	11.78	781338	544861	7.134	5.689
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	175127	145336	0.937	0.926
5)	L1 Aroclor-1016	6.85	0.00	118434	0	3.699	N.D. #
6)	L1 Aroclor-1016 {2}	8.98	10.43	234017	104208	13.342	3.732 #
7)	L1 Aroclor-1016 {3}	9.38	12.34	310065	97548	11.959	5.653 #
	Total Aroclor-1016			662516	201757	28.999	9.385
	Average Aroclor-1016					9.666	4.692
8)	L2 Aroclor-1221	5.13	8.12	2597	6487	0.371	1.061 #
9)	L2 Aroclor-1221 {2}	5.55	8.66	5646	20001	0.968	4.101 #
10)	L2 Aroclor-1221 {3}	5.72	0.00	67210	0	3.326	N.D. #
	Total Aroclor-1221			75453	26488	4.665	5.162
	Average Aroclor-1221					1.555	2.581
11)	L3 Aroclor-1232	5.72	0.00	67210	0	3.685	N.D. #
12)	L3 Aroclor-1232 {2}	6.85	10.43	118434	104208	8.678	8.674
13)	L3 Aroclor-1232 {3}	8.66	12.34	90687	97548	10.956	14.068 #
	Total Aroclor-1232			276331	201757	23.318	22.742
	Average Aroclor-1232					7.773	11.371
14)	L4 Aroclor-1242	8.27	11.78	781338	544861	18.870	18.282
15)	L4 Aroclor-1242 {2}	9.38	12.34	310065	97548	15.938	7.381 #
16)	L4 Aroclor-1242 {3}	10.13	14.13	301948	242727	17.872	18.244
	Total Aroclor-1242			1393352	885136	52.679	43.907
	Average Aroclor-1242					17.560	14.636
17)	L5 Aroclor-1248	9.38	15.08	310065	208160	9.742	9.241
18)	L5 Aroclor-1248 {2}	10.13	15.30	301948	237711	11.024	10.183
19)	L5 Aroclor-1248 {3}	11.44	16.31	334088	183585	9.602	10.282
	Total Aroclor-1248			946101	629457	30.368	29.705
	Average Aroclor-1248					10.123	9.902

7.134 - 6.564 = 0.57 = 57%

0.937 - 0.444 / 1.0 = 49%

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0293

Signal #1 : D:\HPCHEM\5\AU26A\C845-01M.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-01M.D\CONFIRM.D
Acq On : 26 Aug 96 11:51 PM
Sample : VHB/ PM1 MS
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 27 0:25 1996

Vial: 11
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	170359	159722	5.455	5.912
21) L6	Aroclor-1254 {2}	13.48	15.83	280118	169166	6.487	5.814
22) L6	Aroclor-1254 {3}	15.87	17.69	206272	261615	6.423	6.569
Total	Aroclor-1254			656749	590502	18.364	18.295
Average	Aroclor-1254					6.121	6.098
23) L7	Aroclor-1260	13.97	18.32	134840	95084	3.886	2.974
24) L7	Aroclor-1260 {2}	14.76	18.64	113110	101835	2.782	2.831
25) L7	Aroclor-1260 {3}	17.97	22.06	61033	45853	1.056	0.858
Total	Aroclor-1260			308983	242772	7.723	6.663
Average	Aroclor-1260					2.574	2.221
26) L8	Aroclor-1268	18.91f	23.32	15643	3689	NoCal	0.859 #
27) L8	Aroclor-1268 {2}	0.00	23.54	0	11476	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	28.13f	0	289	N.D.	NoCal
Total	Aroclor-1268			0	3689	N.D.	0.859
Average	Aroclor-1268					0.000	0.859

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

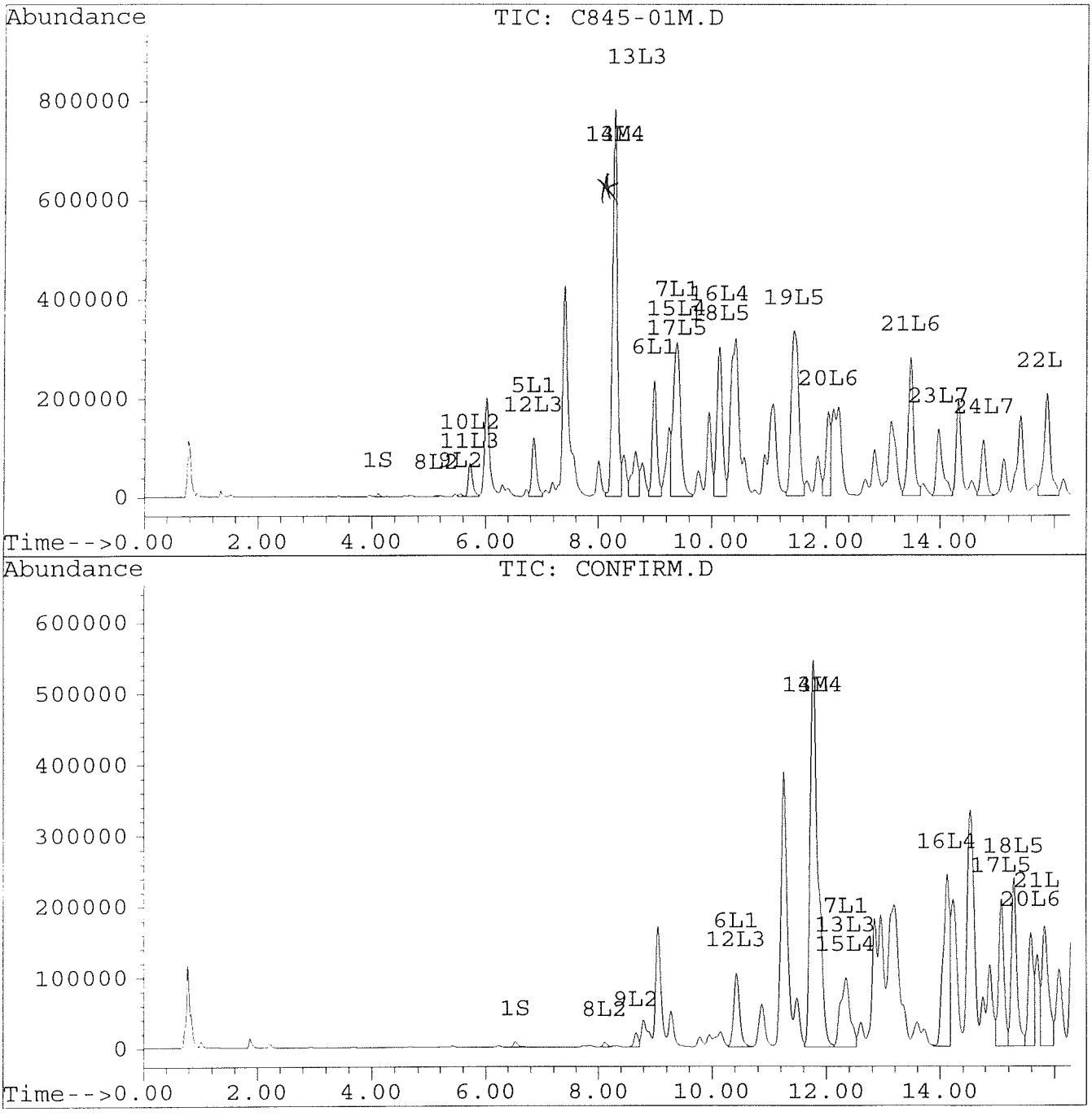
0294

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01M.D Vial: 11
Signal #2 : D:\HPCHEM\5\AU26A\C845-01M.D\CONFIRM.D
Acq On : 26 Aug 96 11:51 PM Operator: JS
Sample : VHB/ PM1 MS Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 0:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0295

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01M.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-01M.D\CONFIRM.D
Acq On : 26 Aug 96 11:51 PM
Sample : VHB/ PM1 MS
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 27 0:25 1996

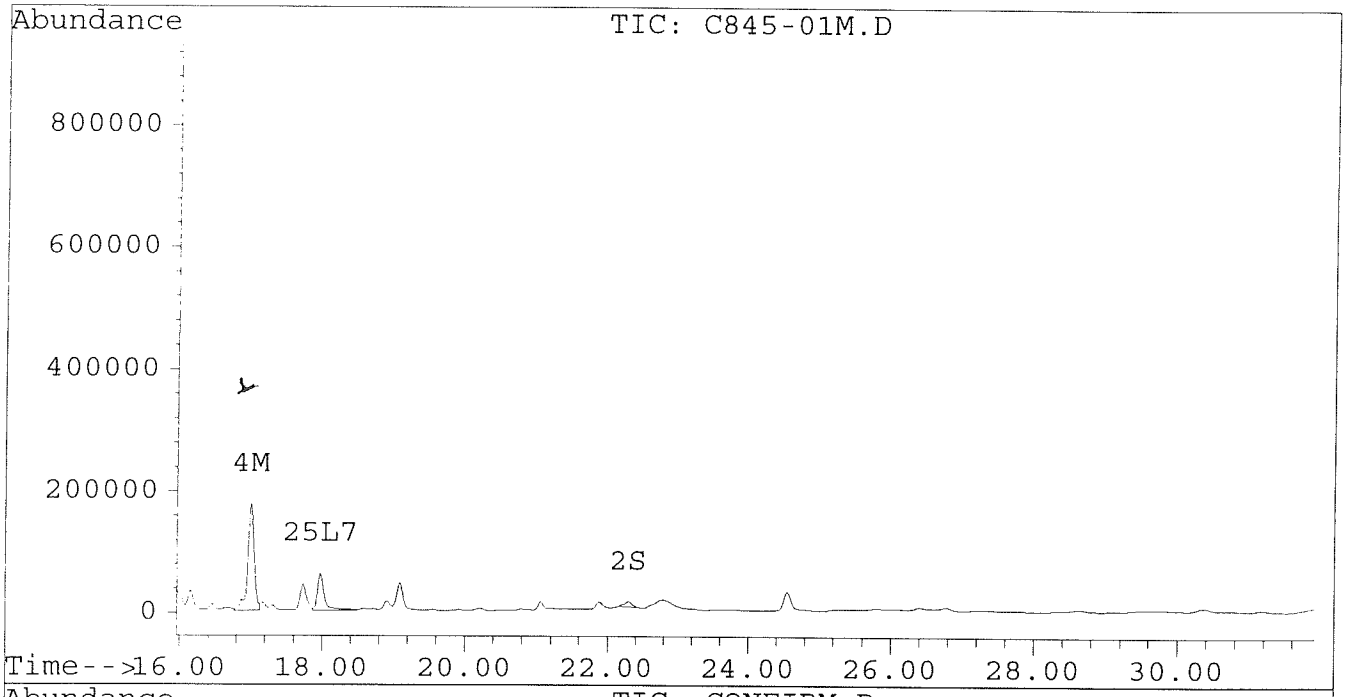
Vial: 11

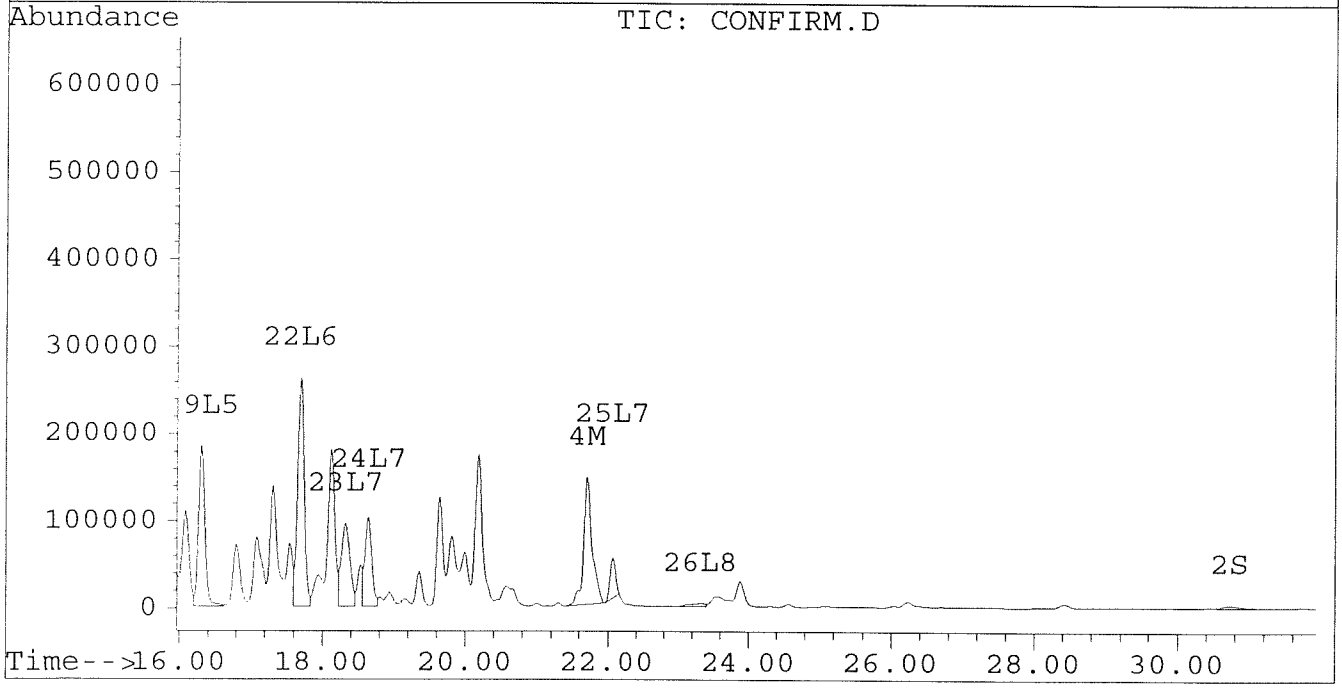
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0296

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1MA.D Vial: 76
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MA.D\CONFIRM.D
Acq On : 28 Aug 96 02:37 PM Operator: JS
Sample : VHB/ PM1 MS 1:15 DILUTION Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.10	6.53	480	632	0.002	0.003 #
					Recovery	=	5.00%	7.50%
2)	S	Decachlorobiphenyl	22.30	30.73	632	289	0.003	0.003
					Recovery	=	7.50%	7.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.27	11.78	88017	61880	0.804	0.646
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	16714	12439	0.089	0.079
5)	L1	Aroclor-1016	6.85	0.00	14055	0	0.439	N.D. #
6)	L1	Aroclor-1016 {2}	8.98	10.43	25120	12787	1.432	0.458 #
7)	L1	Aroclor-1016 {3}	9.38	12.34	38646	11226	1.491	0.651 #
	Total	Aroclor-1016			77821	24012	3.362	1.108
	Average	Aroclor-1016					1.121	0.554
8)	L2	Aroclor-1221	5.13	8.12	213	504	0.030	0.082 #
9)	L2	Aroclor-1221 {2}	5.55	8.66	511	1435	0.088	0.294 #
10)	L2	Aroclor-1221 {3}	5.73	0.00	7048	0	0.349	N.D. #
	Total	Aroclor-1221			7772	1939	0.467	0.377
	Average	Aroclor-1221					0.156	0.188
11)	L3	Aroclor-1232	5.73	0.00	7048	0	0.386	N.D. #
12)	L3	Aroclor-1232 {2}	6.85	10.43	14055	12787	1.030	1.064
13)	L3	Aroclor-1232 {3}	8.66	12.34	9991	11226	1.207	1.619 #
	Total	Aroclor-1232			31093	24012	2.623	2.683
	Average	Aroclor-1232					0.874	1.342
14)	L4	Aroclor-1242	8.27	11.78	88017	61880	2.126	2.076
15)	L4	Aroclor-1242 {2}	9.38	12.34	38646	11226	1.986	0.849 #
16)	L4	Aroclor-1242 {3}	10.13	14.13	35741	28340	2.115	2.130
	Total	Aroclor-1242			162405	101445	6.228	5.056
	Average	Aroclor-1242					2.076	1.685
17)	L5	Aroclor-1248	9.38	15.08	38646	22757	1.214	1.010
18)	L5	Aroclor-1248 {2}	10.13	15.30	35741	25464	1.305	1.091
19)	L5	Aroclor-1248 {3}	11.44	16.31	38687	17703	1.112	0.991
	Total	Aroclor-1248			113075	65923	3.631	3.092
	Average	Aroclor-1248					1.210	1.031

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0297

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1MA.D Vial: 76
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MA.D\CONFIRM.D
Acq On : 28 Aug 96 02:37 PM Operator: JS
Sample : VHB/ PM1 MS 1:15 DILUTION Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

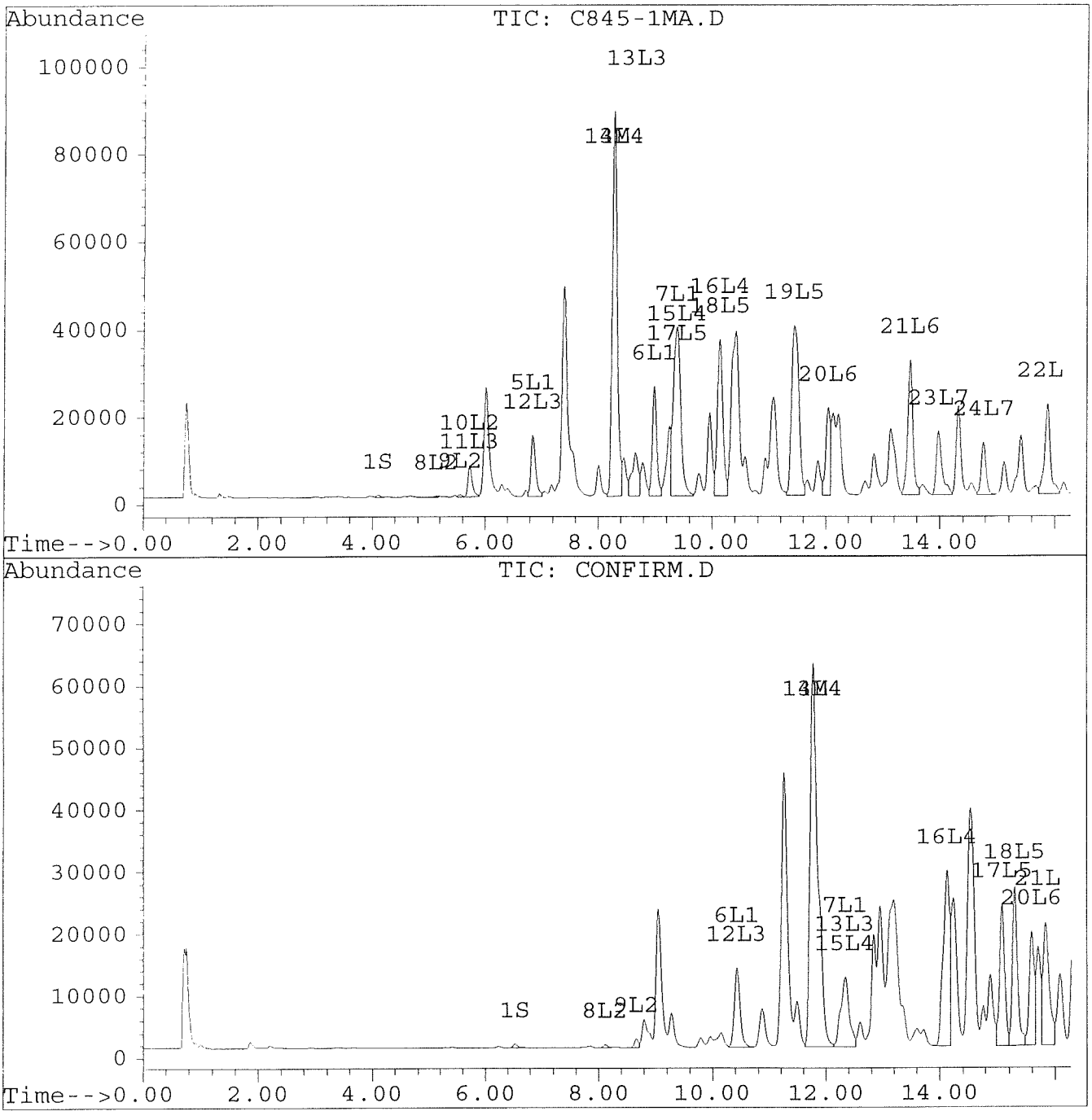
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	20031	18403	0.641	0.681
21) L6	Aroclor-1254 {2}	13.48	15.83	30884	19747	0.715	0.679
22) L6	Aroclor-1254 {3}	15.87	17.69	20674	27687	0.644	0.695
Total	Aroclor-1254			71589	65837	2.000	2.055
Average	Aroclor-1254					0.667	0.685
23) L7	Aroclor-1260	13.98	18.32	14504	10248	0.418	0.321
24) L7	Aroclor-1260 {2}	14.76	18.64	11992	10647	0.295	0.296
25) L7	Aroclor-1260 {3}	17.97	22.06	4957	3591	0.086	0.067
Total	Aroclor-1260			31452	24486	0.799	0.684
Average	Aroclor-1260					0.266	0.228
26) L8	Aroclor-1268	0.00	23.32	0	243	N.D.	0.056 #
27) L8	Aroclor-1268 {2}	0.00	23.55	0	854	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	28.14f	0	49	N.D.	NoCal
Total	Aroclor-1268			0	243	N.D.	0.056
Average	Aroclor-1268					0.000	0.056

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : D:\HPCHEM\5\AU26A\C845-1MA.D Vial: 76
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MA.D\CONFIRM.D
Acq On : 28 Aug 96 02:37 PM Operator: JS
Sample : VHB/ PM1 MS 1:15 DILUTION Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0299

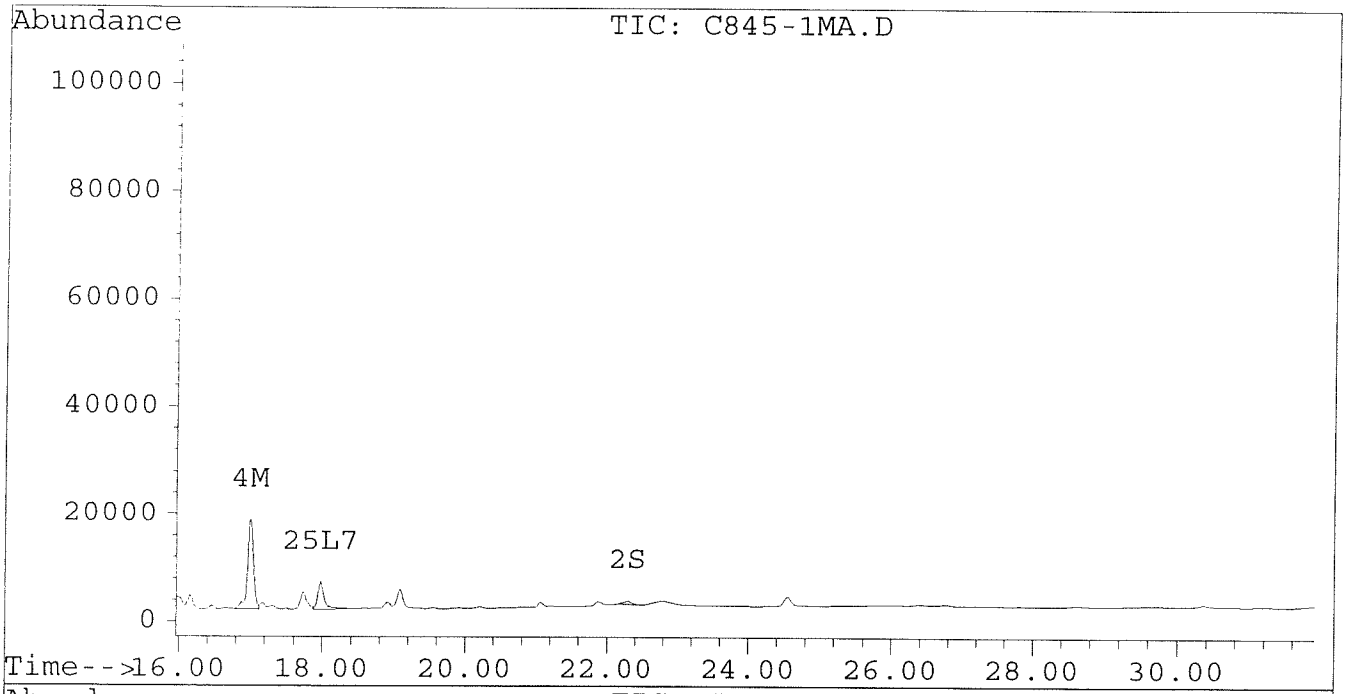
Quantitation Report

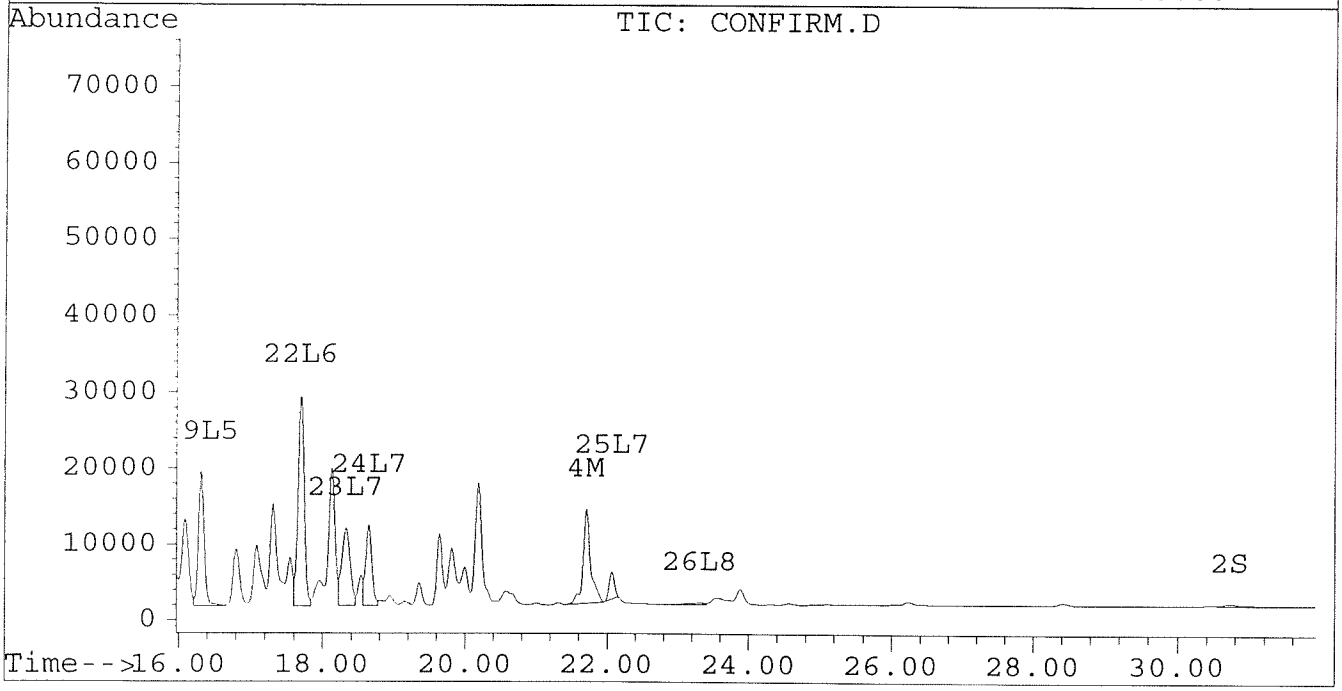
Signal #1 : D:\HPCHEM\5\AU26A\C845-1MA.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MA.D\CONFIRM.D
Acq On : 28 Aug 96 02:37 PM
Sample : VHB/ PM1 MS 1:15 DILUTION
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 28 15:11 1996

Vial: 76
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0306

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1MB.D Vial: 83
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MB.D\CONFIRM.D
Acq On : 28 Aug 96 06:50 PM Operator: JS
Sample : VHB/ PM1 MS 1:25 DILUTION Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 19:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	252	337	0.001	0.002 #
				Recovery	=	2.50%	5.00%
2) S	Decachlorobiphenyl	22.30	30.72	375	152	0.002	0.002
				Recovery	=	5.00%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	51366	35820	0.469	0.374
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	9042	6700	0.048	0.043
5) L1	Aroclor-1016	6.85	0.00	8202	0	0.256	N.D. #
6) L1	Aroclor-1016 {2}	8.99	10.43	13862	7427	0.790	0.266 #
7) L1	Aroclor-1016 {3}	9.38	12.35	22817	6545	0.880	0.379 #
Total	Aroclor-1016			44882	13972	1.926	0.645
Average	Aroclor-1016					0.642	0.323
8) L2	Aroclor-1221	5.14	8.12	119	272	0.017	0.044 #
9) L2	Aroclor-1221 {2}	5.56	8.67	277	760	0.047	0.156 #
10) L2	Aroclor-1221 {3}	5.73	0.00	4045	0	0.200	N.D. #
Total	Aroclor-1221			4441	1032	0.265	0.200
Average	Aroclor-1221					0.088	0.100
11) L3	Aroclor-1232	5.73	0.00	4045	0	0.222	N.D. #
12) L3	Aroclor-1232 {2}	6.85	10.43	8202	7427	0.601	0.618
13) L3	Aroclor-1232 {3}	8.66	12.35	5632	6545	0.680	0.944 #
Total	Aroclor-1232			17880	13972	1.503	1.562
Average	Aroclor-1232					0.501	0.781
14) L4	Aroclor-1242	8.28	11.78	51366	35820	1.241	1.202
15) L4	Aroclor-1242 {2}	9.38	12.35	22817	6545	1.173	0.495 #
16) L4	Aroclor-1242 {3}	10.13	14.13	20648	16213	1.222	1.219
Total	Aroclor-1242			94831	58578	3.635	2.916
Average	Aroclor-1242					1.212	0.972
17) L5	Aroclor-1248	9.38	15.08	22817	12854	0.717	0.571
18) L5	Aroclor-1248 {2}	10.13	15.30	20648	14252	0.754	0.611
19) L5	Aroclor-1248 {3}	11.44	16.31	22487	9245	0.646	0.518
Total	Aroclor-1248			65952	36351	2.117	1.699
Average	Aroclor-1248					0.706	0.566

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0301

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1MB.D Vial: 83
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MB.D\CONFIRM.D
Acq On : 28 Aug 96 06:50 PM Operator: JS
Sample : VHB/ PM1 MS 1:25 DILUTION Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 19:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	11609	10558	0.372	0.391
21) L6	Aroclor-1254 {2}	13.48	15.83	17162	11312	0.397	0.389
22) L6	Aroclor-1254 {3}	15.87	17.69	11414	15542	0.355	0.390
Total	Aroclor-1254			40186	37411	1.125	1.170
Average	Aroclor-1254					0.375	0.390
23) L7	Aroclor-1260	13.98	18.32	8237	5837	0.237	0.183
24) L7	Aroclor-1260 {2}	14.76	18.64	6803	5999	0.167	0.167
25) L7	Aroclor-1260 {3}	17.97	22.06	2670	1913	0.046	0.036
Total	Aroclor-1260			17710	13749	0.451	0.385
Average	Aroclor-1260					0.150	0.128
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.55	0	535	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

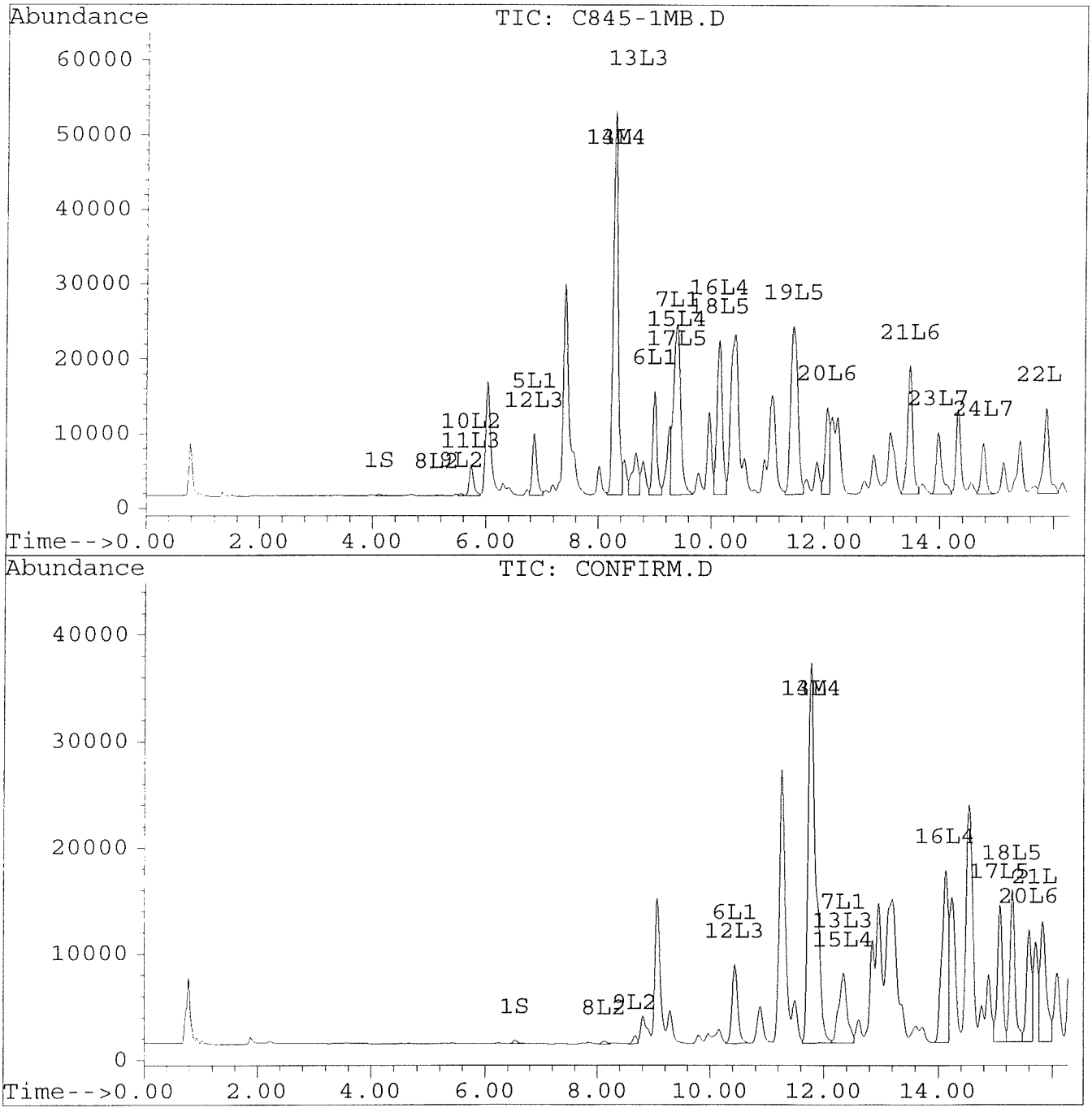
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1MB.D Vial: 83
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MB.D\CONFIRM.D
Acq On : 28 Aug 96 06:50 PM Operator: JS
Sample : VHB/ PM1 MS 1:25 DILUTION Inst : ECD1
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 19:24 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0303

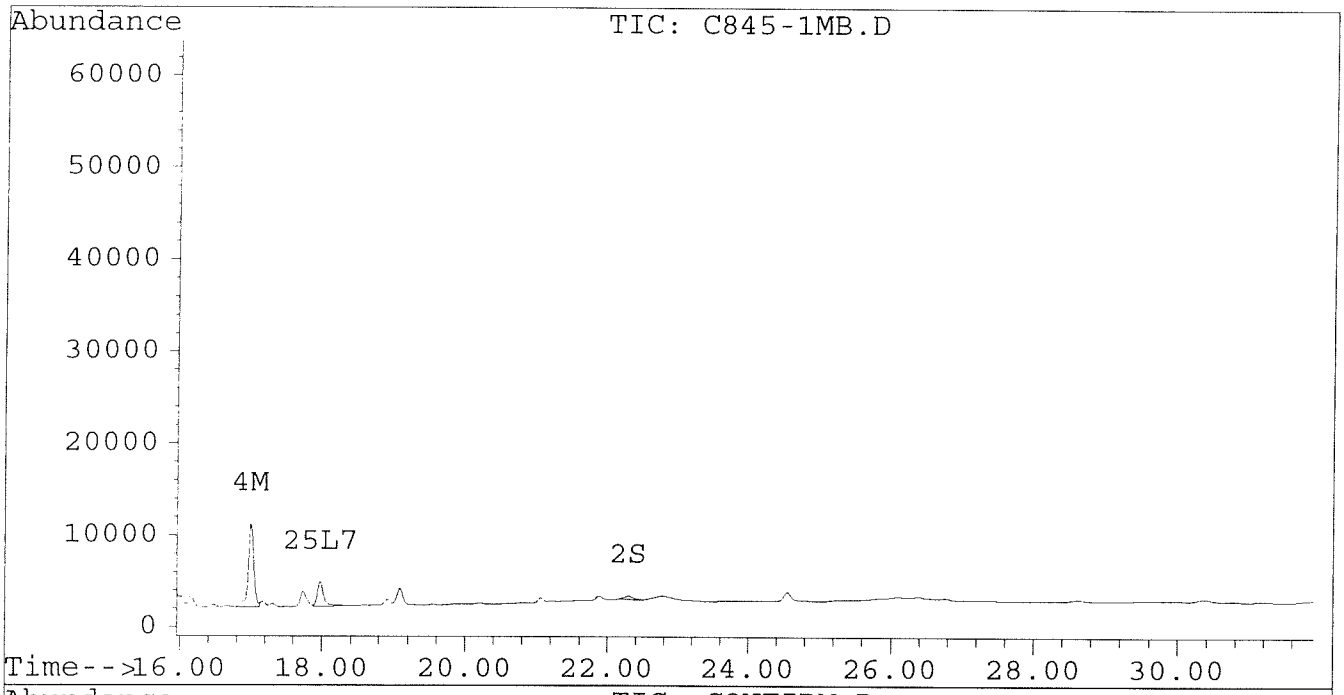
Quantitation Report

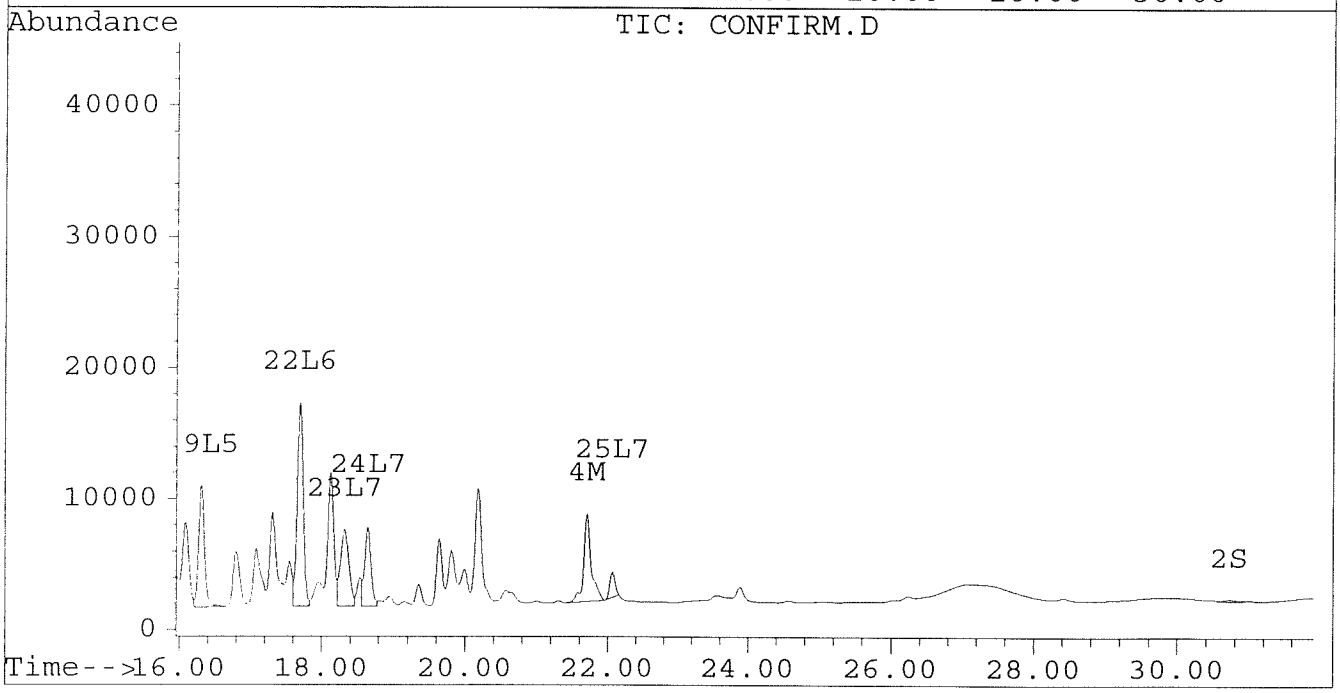
Signal #1 : D:\HPCHEM\5\AU26A\C845-1MB.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-1MB.D\CONFIRM.D
Acq On : 28 Aug 96 06:50 PM
Sample : VHB/ PM1 MS 1:25 DILUTION
Misc : 30.2G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 28 19:24 1996

Vial: 83
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0304

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01D.D Vial: 12
Signal #2 : D:\HPCHEM\5\AU26A\C845-01D.D\CONFIRM.D
Acq On : 27 Aug 96 00:26 AM Operator: JS
Sample : VHB/ PM1 MSD Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 1:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	7460	8516	0.031	0.045	#
				Recovery	=	77.50%	~~112.50%~~	
2)	S Decachlorobiphenyl	22.30	30.73	9823	4171	0.046	0.047	
				Recovery	=	115.00%	~~117.50%~~	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.28	11.78	785617	549022	7.173	5.732	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	188973	157413	1.011	1.003	
5)	L1 Aroclor-1016	6.85	8.89	114747	25265	3.584	1.878	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	235056	100322	13.401	3.593	#
7)	L1 Aroclor-1016 {3}	9.38	12.35	307903	96578	11.875	5.597	#
	Total Aroclor-1016			657706	222166	28.860	11.067	
	Average Aroclor-1016					9.620	3.689	
8)	L2 Aroclor-1221	5.13	8.12	3467	7482	0.495	1.223	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	6743	19580	1.156	4.014	#
10)	L2 Aroclor-1221 {3}	5.73	8.89	70382	25265	3.483	1.646	#
	Total Aroclor-1221			80592	52327	5.134	6.884	
	Average Aroclor-1221					1.711	2.295	
11)	L3 Aroclor-1232	5.73	8.89	70382	25265	3.859	1.763	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	114747	100322	8.408	8.351	
13)	L3 Aroclor-1232 {3}	8.66	12.35	88884	96578	10.738	13.928	#
	Total Aroclor-1232			274013	222166	23.004	24.041	
	Average Aroclor-1232					7.668	8.014	
14)	L4 Aroclor-1242	8.28	11.78	785617	549022	18.973	18.422	
15)	L4 Aroclor-1242 {2}	9.38	12.35	307903	96578	15.827	7.308	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	302098	241956	17.881	18.186	
	Total Aroclor-1242			1395618	887555	52.680	43.915	
	Average Aroclor-1242					17.560	14.638	
17)	L5 Aroclor-1248	9.38	15.08	307903	215076	9.674	9.548	
18)	L5 Aroclor-1248 {2}	10.13	15.30	302098	244846	11.029	10.489	
19)	L5 Aroclor-1248 {3}	11.44	16.31	344043	191356	9.888	10.717	
	Total Aroclor-1248			954044	651278	30.591	30.753	
	Average Aroclor-1248					10.197	10.251	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01D.D Vial: 12
Signal #2 : D:\HPCHEM\5\AU26A\C845-01D.D\CONFIRM.D
Acq On : 27 Aug 96 00:26 AM Operator: JS
Sample : VHB/ PM1 MSD Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 1:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	173998	162061	5.571	5.999
21) L6	Aroclor-1254 {2}	13.48	15.83	289899	171803	6.713	5.905
22) L6	Aroclor-1254 {3}	15.87	17.69	210816	271784	6.564	6.824
Total	Aroclor-1254			674713	605647	18.849	18.727
Average	Aroclor-1254					6.283	6.242
23) L7	Aroclor-1260	13.98	18.32	138934	95709	4.004	2.993 #
24) L7	Aroclor-1260 {2}	14.76	18.64	114155	104715	2.808	2.911
25) L7	Aroclor-1260 {3}	17.97	22.06	65455	47220	1.132	0.883
Total	Aroclor-1260			318544	247643	7.944	6.788
Average	Aroclor-1260					2.648	2.263
26) L8	Aroclor-1268	0.00	23.33	0	8681	N.D.	2.021 #
27) L8	Aroclor-1268 {2}	0.00	23.54	0	14714	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	28.12	0	1360	N.D.	NoCal
Total	Aroclor-1268			0	8681	N.D.	2.021
Average	Aroclor-1268					0.000	2.021

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-01D.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-01D.D\CONFIRM.D
Acq On : 27 Aug 96 00:26 AM
Sample : VHB/ PM1 MSD
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 27 1:00 1996

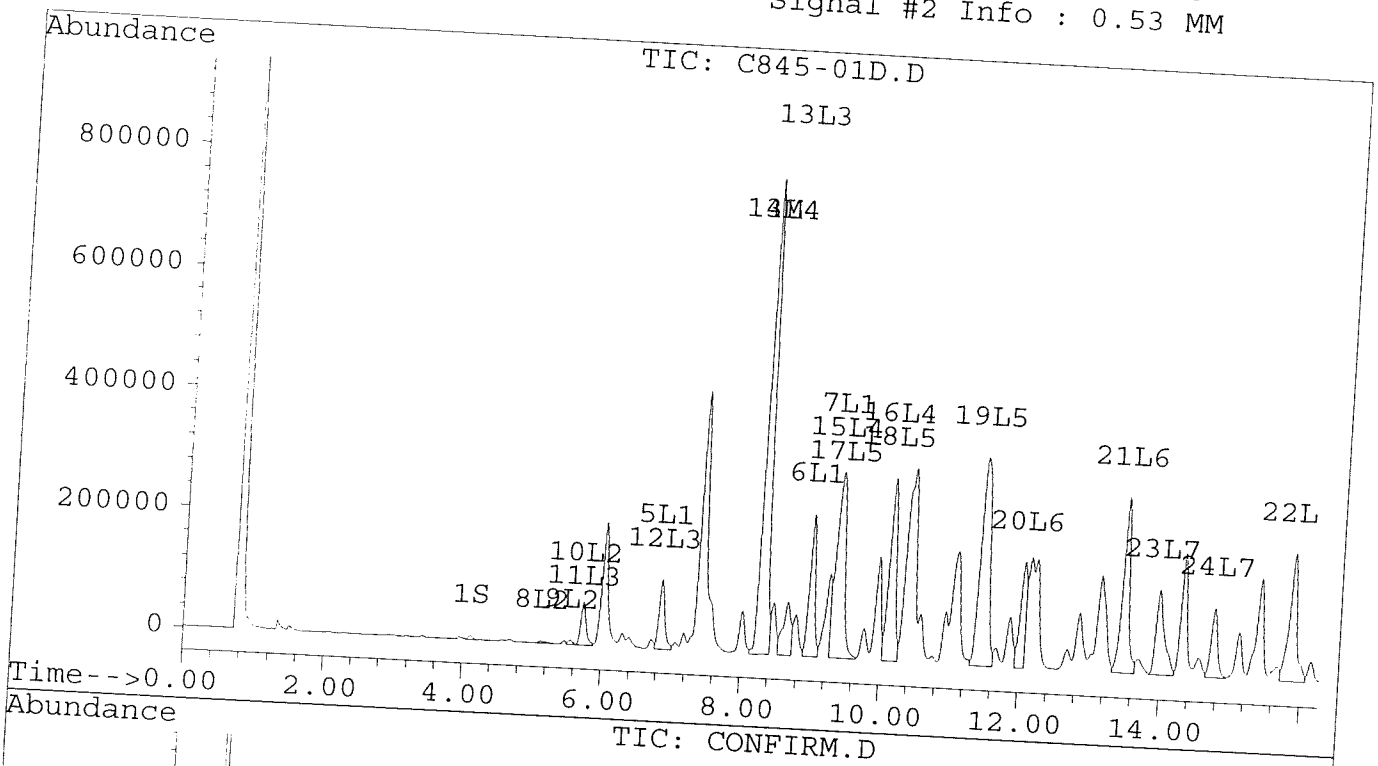
Vial: 12

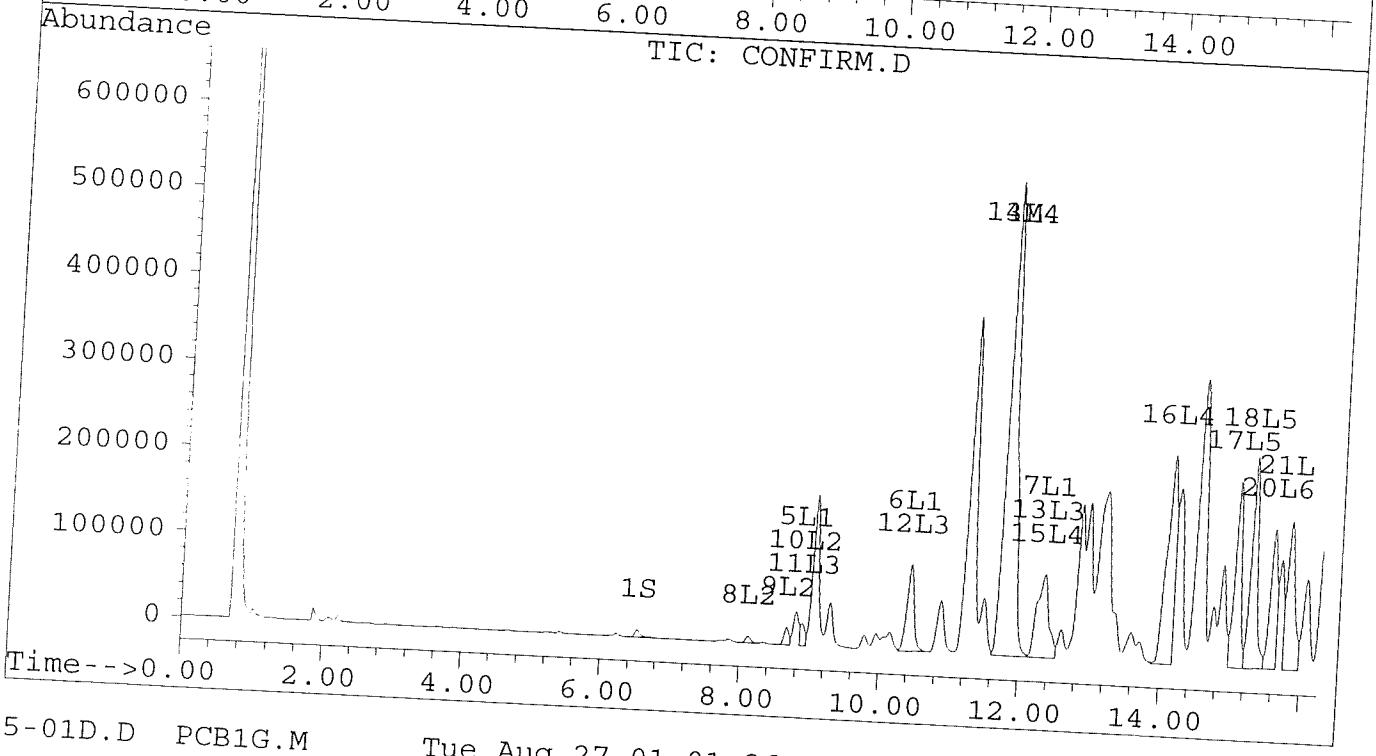
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0307

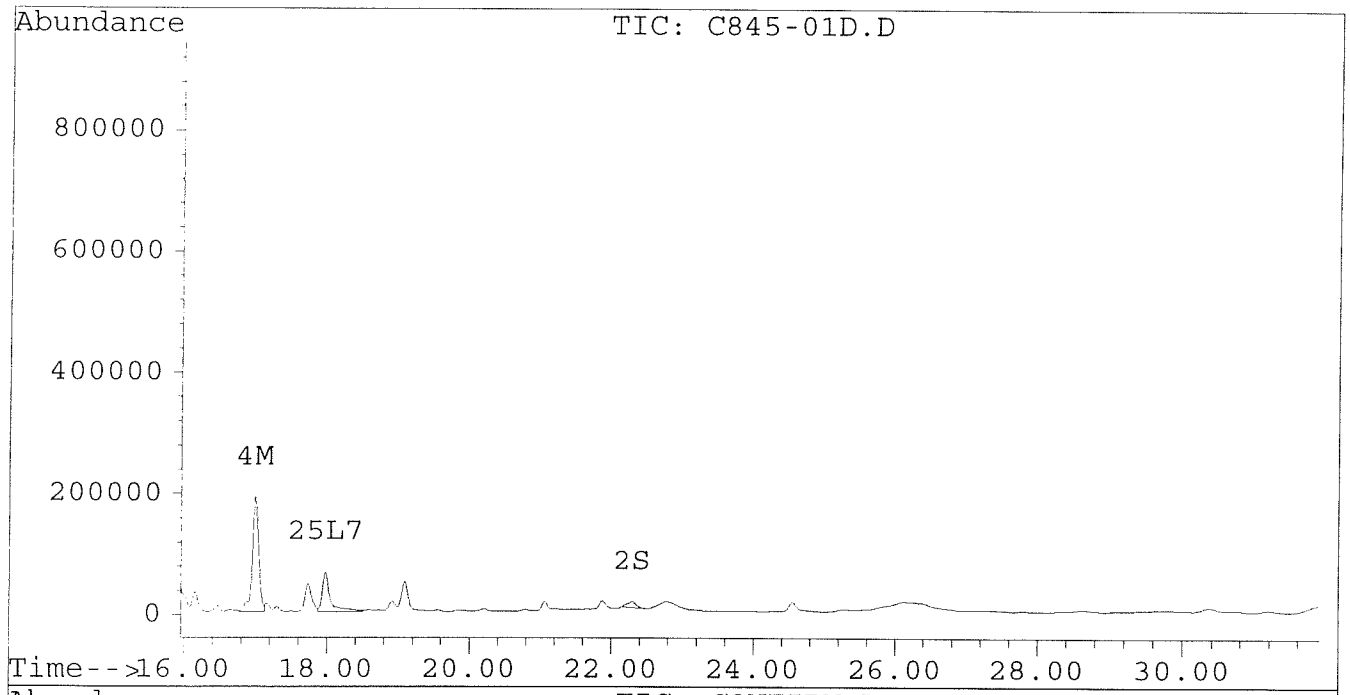
Quantitation Report

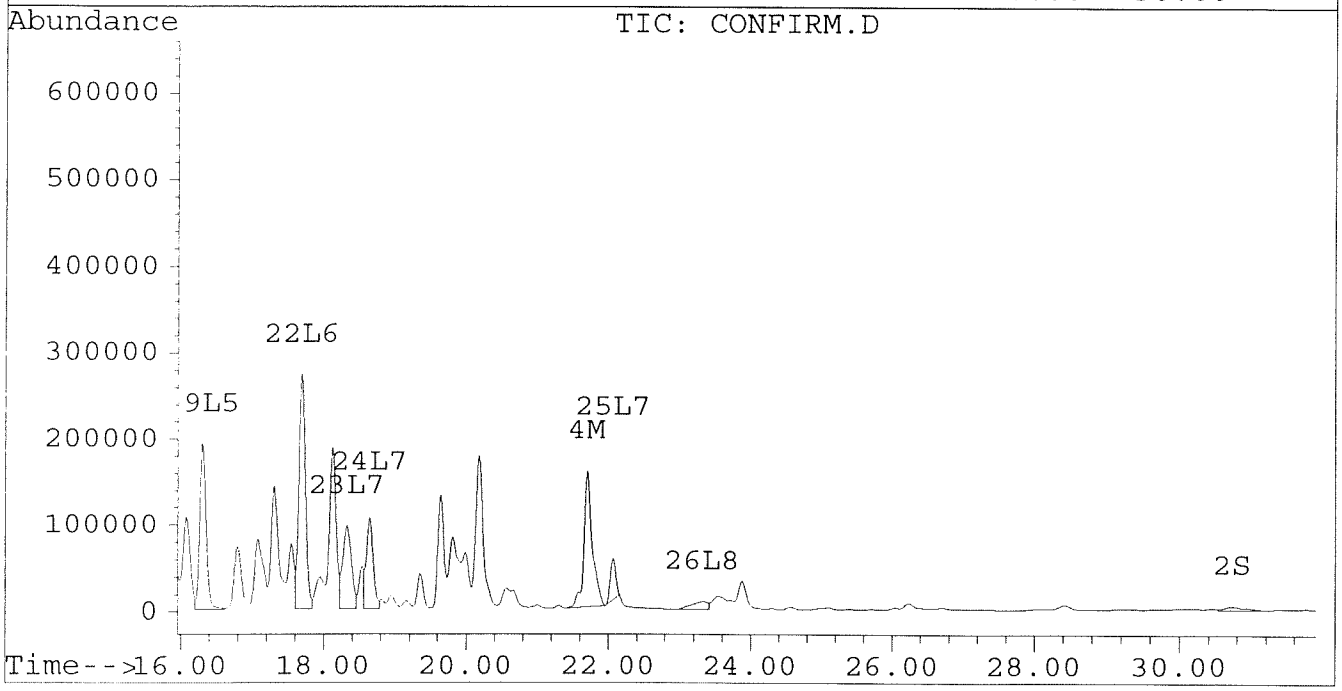
Signal #1 : D:\HPCHEM\5\AU26A\C845-01D.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-01D.D\CONFIRM.D
Acq On : 27 Aug 96 00:26 AM
Sample : VHB/ PM1 MSD
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 27 1:00 1996

Vial: 12
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0308

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1DA.D Vial: 77
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DA.D\CONFIRM.D
Acq On : 28 Aug 96 03:13 PM Operator: JS
Sample : VHB/ PM1 MSD 1:15 DILUTION Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	608	762	0.003	0.004 #
				Recovery	=	7.50%	10.00%
2) S	Decachlorobiphenyl	22.30	30.73	729	333	0.003	0.004
				Recovery	=	7.50%	10.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	94762	67641	0.865	0.706
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	19680	14579	0.105	0.093
5) L1	Aroclor-1016	6.85	0.00	14566	0	0.455	N.D. #
6) L1	Aroclor-1016 {2}	8.99	10.43	27112	13214	1.546	0.473 #
7) L1	Aroclor-1016 {3}	9.38	12.35	41270	12132	1.592	0.703 #
Total	Aroclor-1016			82949	25346	3.592	1.176
Average	Aroclor-1016					1.197	0.588
8) L2	Aroclor-1221	5.14	8.12	316	639	0.045	0.105 #
9) L2	Aroclor-1221 {2}	5.56	8.67	693	1574	0.119	0.323 #
10) L2	Aroclor-1221 {3}	5.73	0.00	8129	0	0.402	N.D. #
Total	Aroclor-1221			9138	2213	0.566	0.427
Average	Aroclor-1221					0.189	0.214
11) L3	Aroclor-1232	5.73	0.00	8129	0	0.446	N.D. #
12) L3	Aroclor-1232 {2}	6.85	10.43	14566	13214	1.067	1.100
13) L3	Aroclor-1232 {3}	8.66	12.35	10608	12132	1.281	1.750 #
Total	Aroclor-1232			33303	25346	2.794	2.850
Average	Aroclor-1232					0.931	1.425
14) L4	Aroclor-1242	8.28	11.78	94762	67641	2.289	2.270
15) L4	Aroclor-1242 {2}	9.38	12.35	41270	12132	2.121	0.918 #
16) L4	Aroclor-1242 {3}	10.13	14.13	38744	30660	2.293	2.304
Total	Aroclor-1242			174776	110433	6.703	5.492
Average	Aroclor-1242					2.234	1.831
17) L5	Aroclor-1248	9.38	15.08	41270	25294	1.297	1.123
18) L5	Aroclor-1248 {2}	10.13	15.30	38744	28325	1.414	1.213
19) L5	Aroclor-1248 {3}	11.44	16.31	42861	19776	1.232	1.108
Total	Aroclor-1248			122875	73395	3.943	3.444
Average	Aroclor-1248					1.314	1.148

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0309

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1DA.D Vial: 77
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DA.D\CONFIRM.D
Acq On : 28 Aug 96 03:13 PM Operator: JS
Sample : VHB/ PM1 MSD 1:15 DILUTION Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	22052	20422	0.706	0.756
21) L6 Aroclor-1254 {2}	13.48	15.83	34133	21489	0.790	0.739
22) L6 Aroclor-1254 {3}	15.87	17.69	23000	31171	0.716	0.783
Total Aroclor-1254			79185	73082	2.213	2.277
Average Aroclor-1254					0.738	0.759
23) L7 Aroclor-1260	13.98	18.32	16210	11272	0.467	0.353
24) L7 Aroclor-1260 {2}	14.76	18.64	13175	11630	0.324	0.323
25) L7 Aroclor-1260 {3}	17.97	22.06	5759	3996	0.100	0.075
Total Aroclor-1260			35145	26898	0.891	0.751
Average Aroclor-1260					0.297	0.250
26) L8 Aroclor-1268	0.00	23.31	0	524	N.D.	0.122 #
27) L8 Aroclor-1268 {2}	0.00	23.55	0	1137	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	28.12	0	95	N.D.	NoCal
Total Aroclor-1268			0	524	N.D.	0.122
Average Aroclor-1268					0.000	0.122

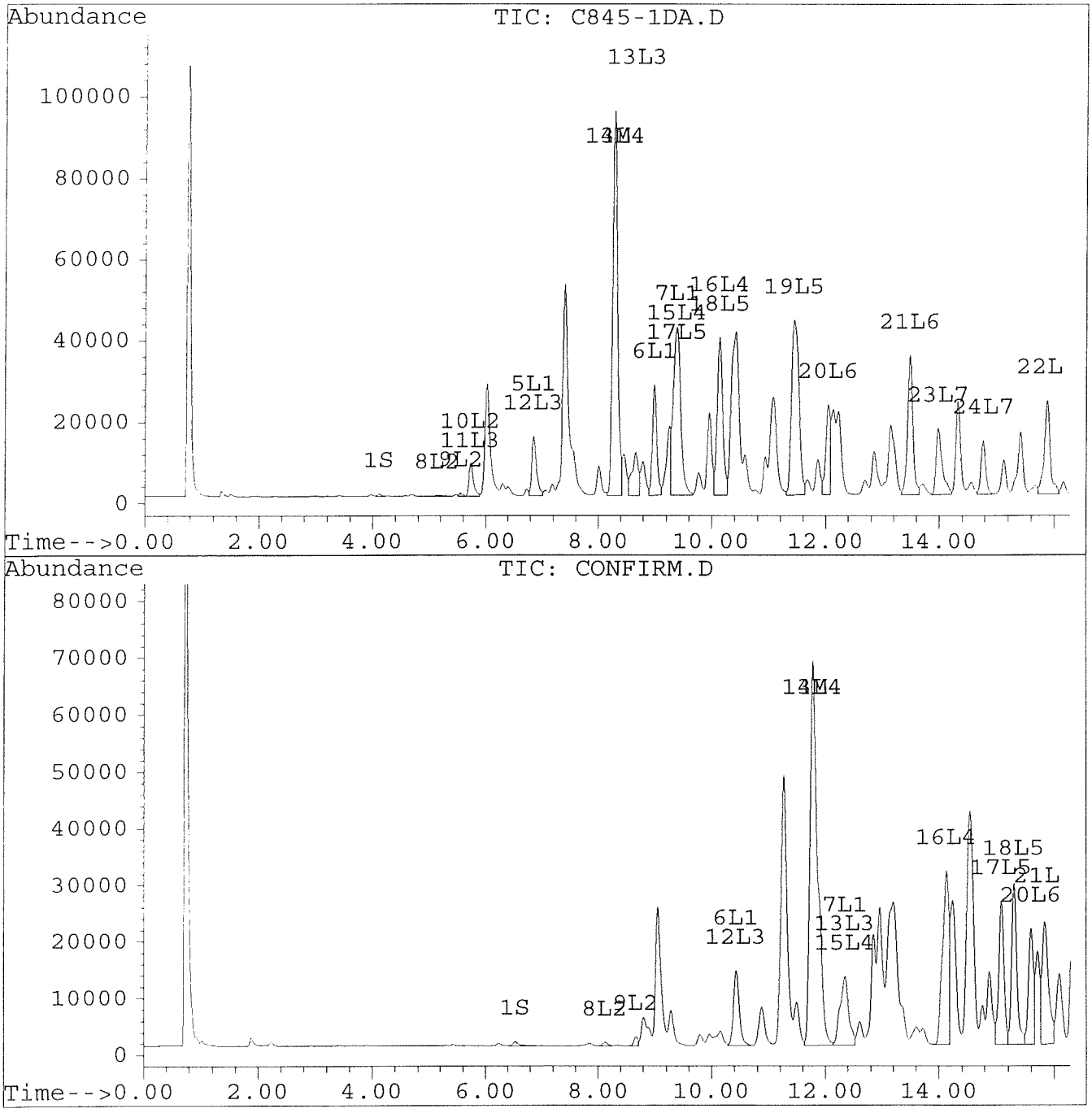
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1DA.D Vial: 77
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DA.D\CONFIRM.D
Acq On : 28 Aug 96 03:13 PM Operator: JS
Sample : VHB/ PM1 MSD 1:15 DILUTION Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



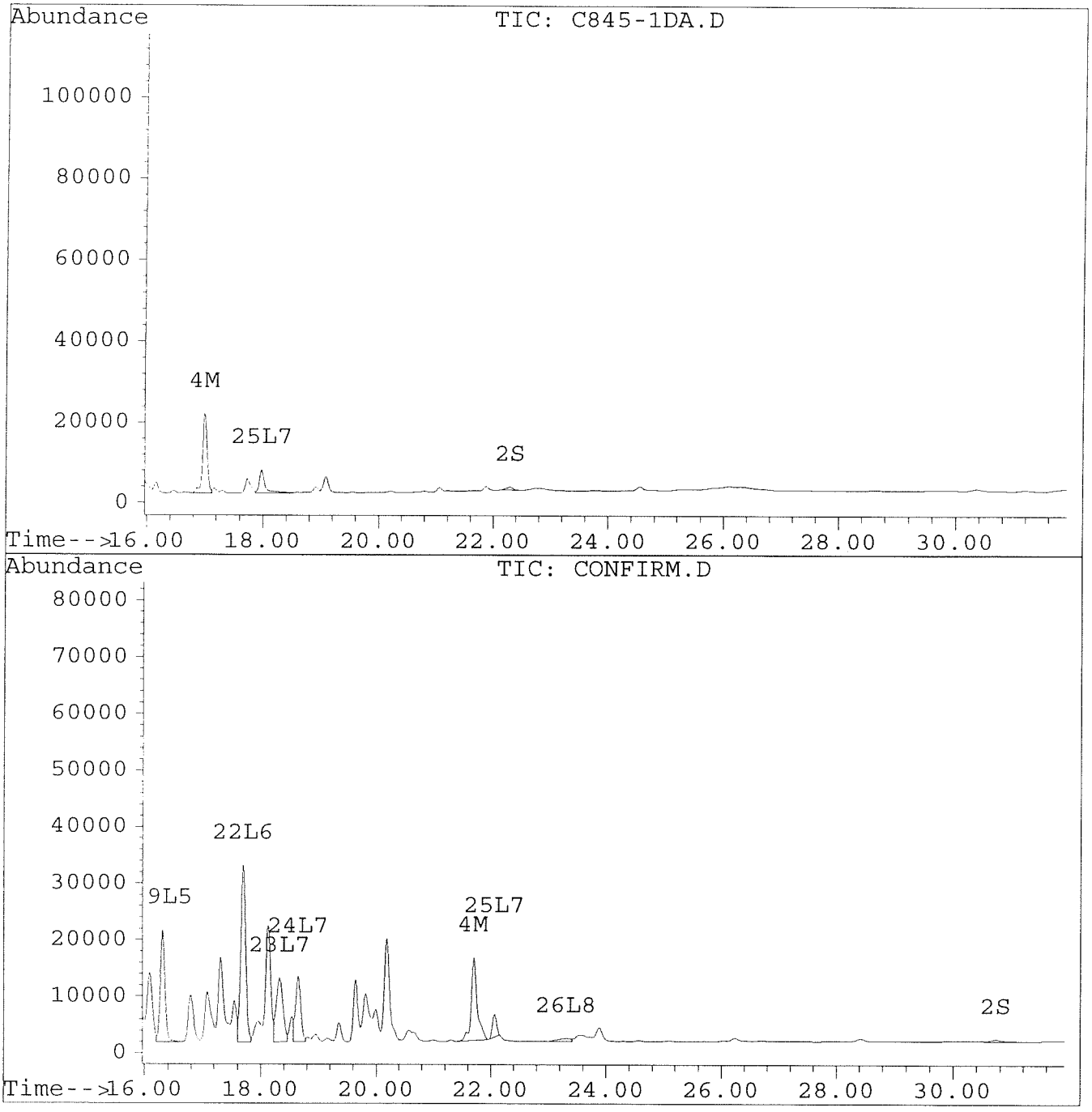
0311

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1DA.D Vial: 77
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DA.D\CONFIRM.D
Acq On : 28 Aug 96 03:13 PM Operator: JS
Sample : VHB/ PM1 MSD 1:15 DILUTION Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1DB.D Vial: 84
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DB.D\CONFIRM.D
Acq On : 28 Aug 96 07:26 PM Operator: JS
Sample : VHB/ PM1 MSD 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 19:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	297	393	0.001	0.002 #
				Recovery	=	2.50%	5.00%
2) S	Decachlorobiphenyl	22.30	30.73	434	174	0.002	0.002
				Recovery	=	5.00%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	53906	37116	0.492	0.388
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	10147	7547	0.054	0.048
5) L1	Aroclor-1016	6.85	0.00	8274	0	0.258	N.D. #
6) L1	Aroclor-1016 {2}	8.99	10.43	14471	7383	0.825	0.264 #
7) L1	Aroclor-1016 {3}	9.38	12.34	23282	6684	0.898	0.387 #
	Total Aroclor-1016			46027	14068	1.981	0.652
	Average Aroclor-1016					0.660	0.326
8) L2	Aroclor-1221	5.13	8.12	170	333	0.024	0.054 #
9) L2	Aroclor-1221 {2}	5.56	8.67	360	811	0.062	0.166 #
10) L2	Aroclor-1221 {3}	5.73	0.00	4523	0	0.224	N.D. #
	Total Aroclor-1221			5053	1144	0.310	0.221
	Average Aroclor-1221					0.103	0.110
11) L3	Aroclor-1232	5.73	0.00	4523	0	0.248	N.D. #
12) L3	Aroclor-1232 {2}	6.85	10.43	8274	7383	0.606	0.615
13) L3	Aroclor-1232 {3}	8.66	12.34	5704	6684	0.689	0.964 #
	Total Aroclor-1232			18500	14068	1.543	1.579
	Average Aroclor-1232					0.514	0.789
14) L4	Aroclor-1242	8.28	11.78	53906	37116	1.302	1.245
15) L4	Aroclor-1242 {2}	9.38	12.34	23282	6684	1.197	0.506 #
16) L4	Aroclor-1242 {3}	10.13	14.13	21453	16980	1.270	1.276
	Total Aroclor-1242			98641	60781	3.768	3.027
	Average Aroclor-1242					1.256	1.009
17) L5	Aroclor-1248	9.38	15.08	23282	13697	0.732	0.608
18) L5	Aroclor-1248 {2}	10.13	15.30	21453	15267	0.783	0.654
19) L5	Aroclor-1248 {3}	11.44	16.31	23735	10134	0.682	0.568
	Total Aroclor-1248			68470	39098	2.197	1.830
	Average Aroclor-1248					0.732	0.610

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0313

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1DB.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DB.D\CONFIRM.D
Acq On : 28 Aug 96 07:26 PM
Sample : VHB/ PM1 MSD 1:25 DILUTION
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 28 19:59 1996

Vial: 84
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	12307	11168	0.394	0.413
21) L6 Aroclor-1254 {2}	13.48	15.83	18581	12036	0.430	0.414
22) L6 Aroclor-1254 {3}	15.87	17.69	12330	16655	0.384	0.418
Total Aroclor-1254			43218	39859	1.208	1.245
Average Aroclor-1254					0.403	0.415
23) L7 Aroclor-1260	13.98	18.32	8829	6190	0.254	0.194
24) L7 Aroclor-1260 {2}	14.76	18.64	7199	6360	0.177	0.177
25) L7 Aroclor-1260 {3}	17.97	22.06	2989	2112	0.052	0.039
Total Aroclor-1260			19017	14663	0.483	0.410
Average Aroclor-1260					0.161	0.137
26) L8 Aroclor-1268	0.00	23.34f	0	333	N.D.	0.078 #
27) L8 Aroclor-1268 {2}	0.00	23.55	0	667	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	333	N.D.	0.078
Average Aroclor-1268					0.000	0.078

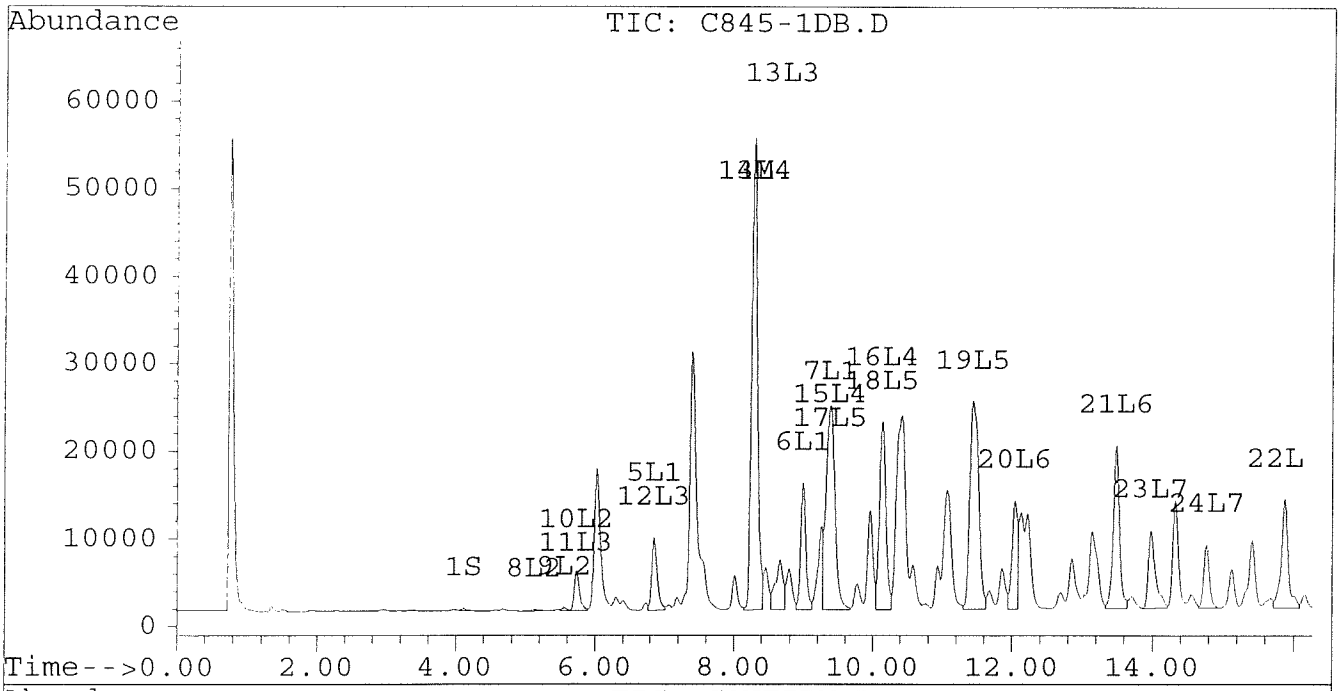
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

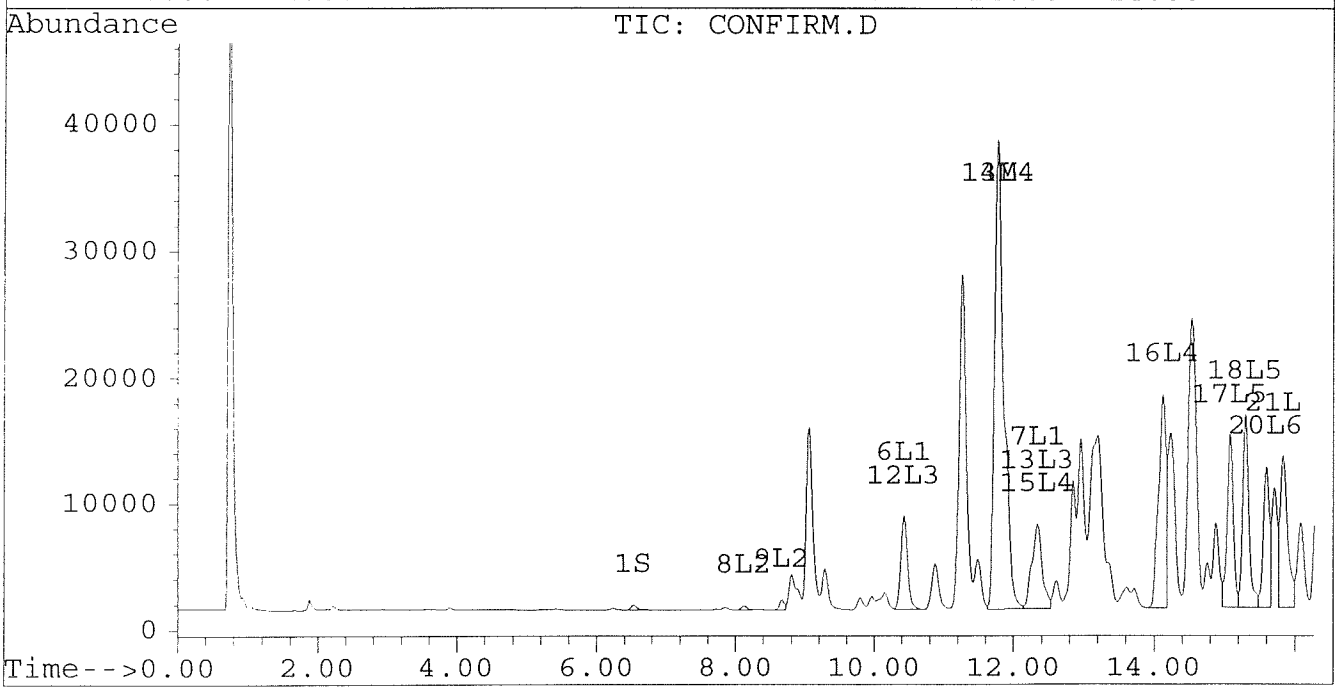
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-1DB.D Vial: 84
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DB.D\CONFIRM.D
Acq On : 28 Aug 96 07:26 PM Operator: JS
Sample : VHB/ PM1 MSD 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 19:59 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





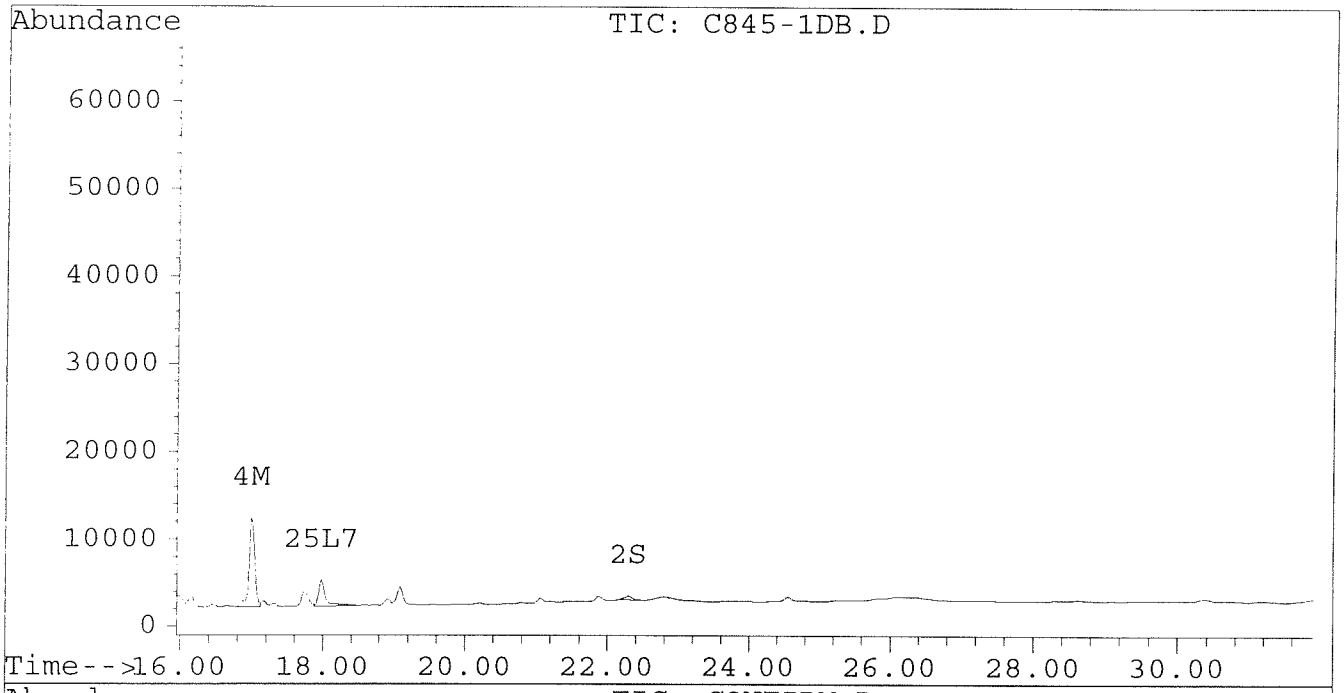
Quantitation Report

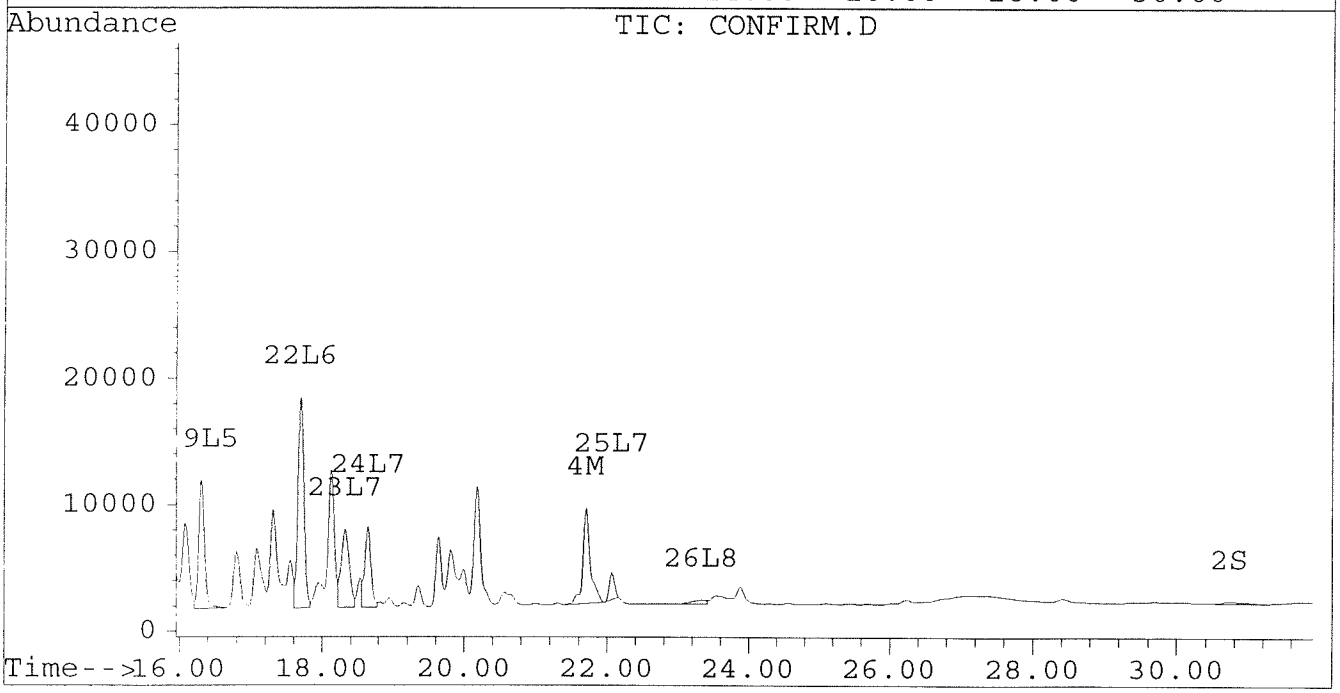
Signal #1 : D:\HPCHEM\5\AU26A\C845-1DB.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-1DB.D\CONFIRM.D
Acq On : 28 Aug 96 07:26 PM
Sample : VHB/ PM1 MSD 1:25 DILUTION
Misc : 30.1G/10ML 89 % SOLID PCB ANALYSIS
Quant Time: Aug 28 19:59 1996

Vial: 84
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-21C.D Vial: 40
Signal #2 : D:\HPCHEM\5\SE3\C845-21C.D\CONFIRM.D
Acq On : 04 Sep 96 04:40 PM Operator: JS
Sample : VHB/ PO6 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 86% SOLID Multiplr: 1.00
Quant Time: Sep 4 17:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.46	183	256	0.001	0.001 #
					Recovery	=	2.50%	2.50%
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
					Recovery	=	0.00%	0.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.69	40214	29024	0.367	0.303
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.60	4306	2744	0.023	0.017
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.14	0.00	152	0	0.022	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			152	0	0.022	N.D.
		Average Aroclor-1221					0.022	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.70	0.00	2262	0	0.273	N.D. #
		Total Aroclor-1232			2262	0	0.273	N.D.
		Average Aroclor-1232					0.273	0.000
14)	L4	Aroclor-1242	8.20	11.69	40214	29024	0.971	0.974
15)	L4	Aroclor-1242 {2}	9.30	12.27	21396	5033	1.100	0.381 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	19320	15145	1.144	1.138
		Total Aroclor-1242			80930	49203	3.214	2.493
		Average Aroclor-1242					1.071	0.831
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0317

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-21C.D Vial: 40
Signal #2 : D:\HPCHEM\5\SE3\C845-21C.D\CONFIRM.D
Acq On : 04 Sep 96 04:40 PM Operator: JS
Sample : VHB/ PO6 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 86% SOLID Multiplr: 1.00
Quant Time: Sep 4 17:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	12380	11339	0.396	0.420
21) L6 Aroclor-1254 {2}	13.40	15.74	18231	11938	0.422	0.410
22) L6 Aroclor-1254 {3}	15.78	17.59	12983	16888	0.404	0.424
Total Aroclor-1254			43594	40165	1.223	1.254
Average Aroclor-1254					0.408	0.418
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	841	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	2200	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	1141	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1242

$\frac{2.07\ \mu g/mL \times 10mL}{0.0303\ A_2 \times .86 \times .666} \times 50 = 59,638$

60,000 µg/kg

AR 1254

$\frac{0.826 \times 10}{0.0303 \times .86 \times .666} \times 50 = 23,797$

~~476~~ µg/kg

~~480~~

24000

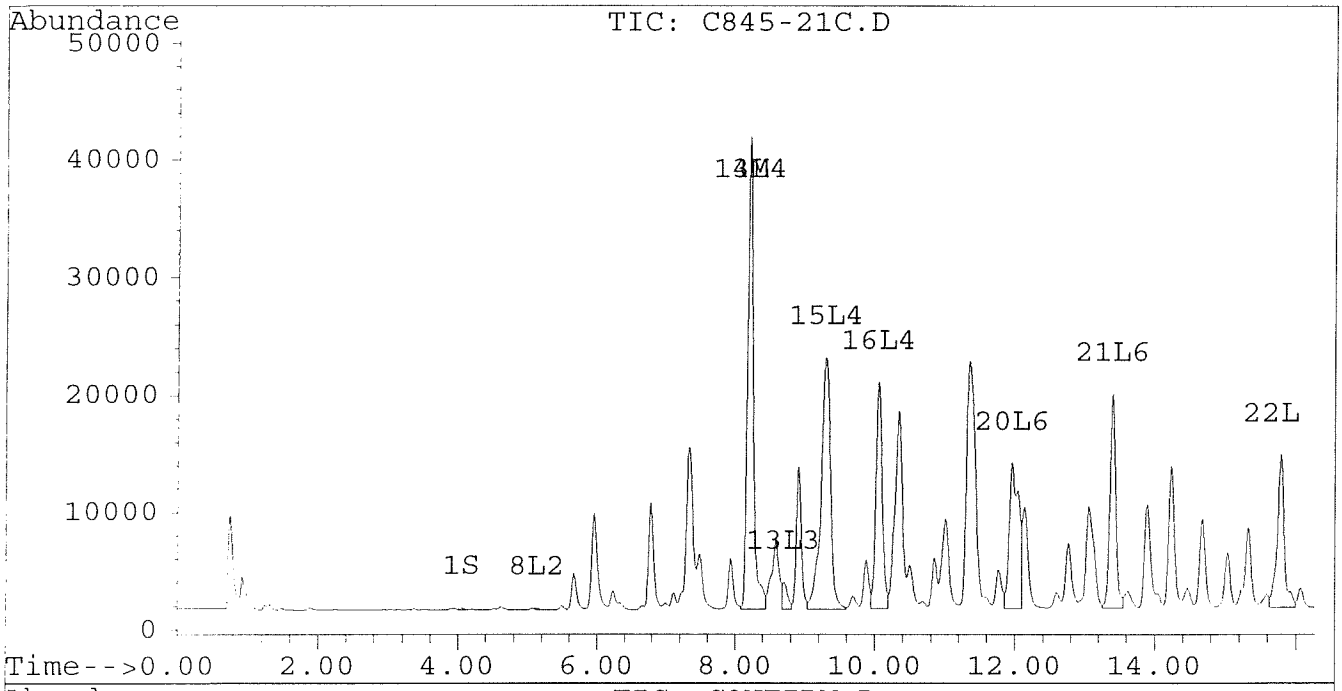
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
C845-21C.D PCB1G.M Wed Sep 04 17:14:17 1996 HPPC 0318 Page 2

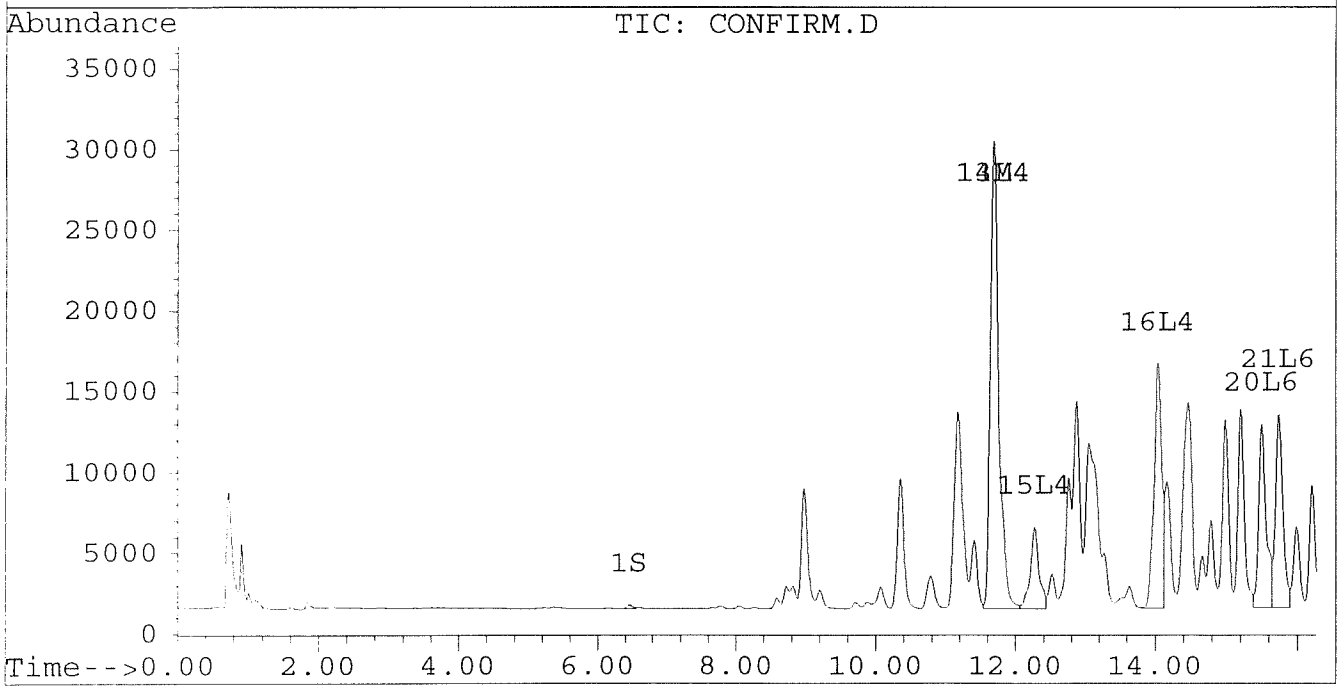
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-21C.D Vial: 40
Signal #2 : D:\HPCHEM\5\SE3\C845-21C.D\CONFIRM.D
Acq On : 04 Sep 96 04:40 PM Operator: JS
Sample : VHB/ PO6 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 86% SOLID Multiplr: 1.00
Quant Time: Sep 4 17:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





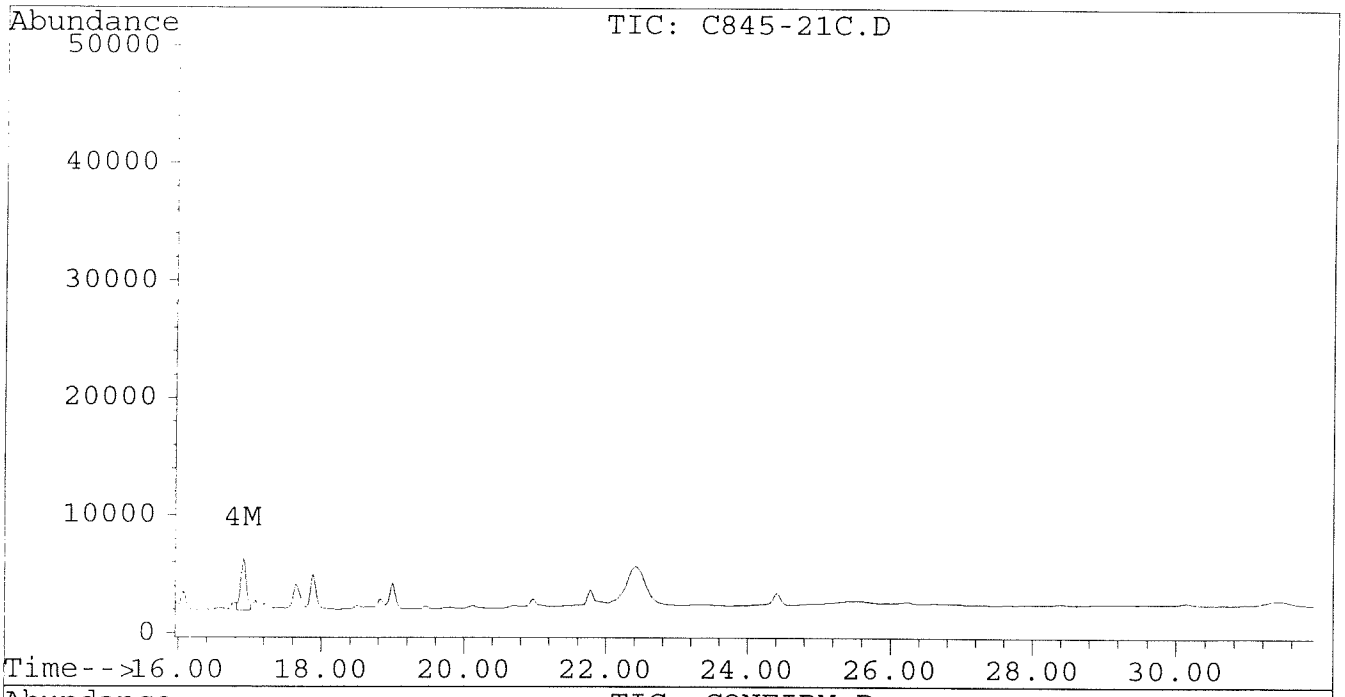
Quantitation Report

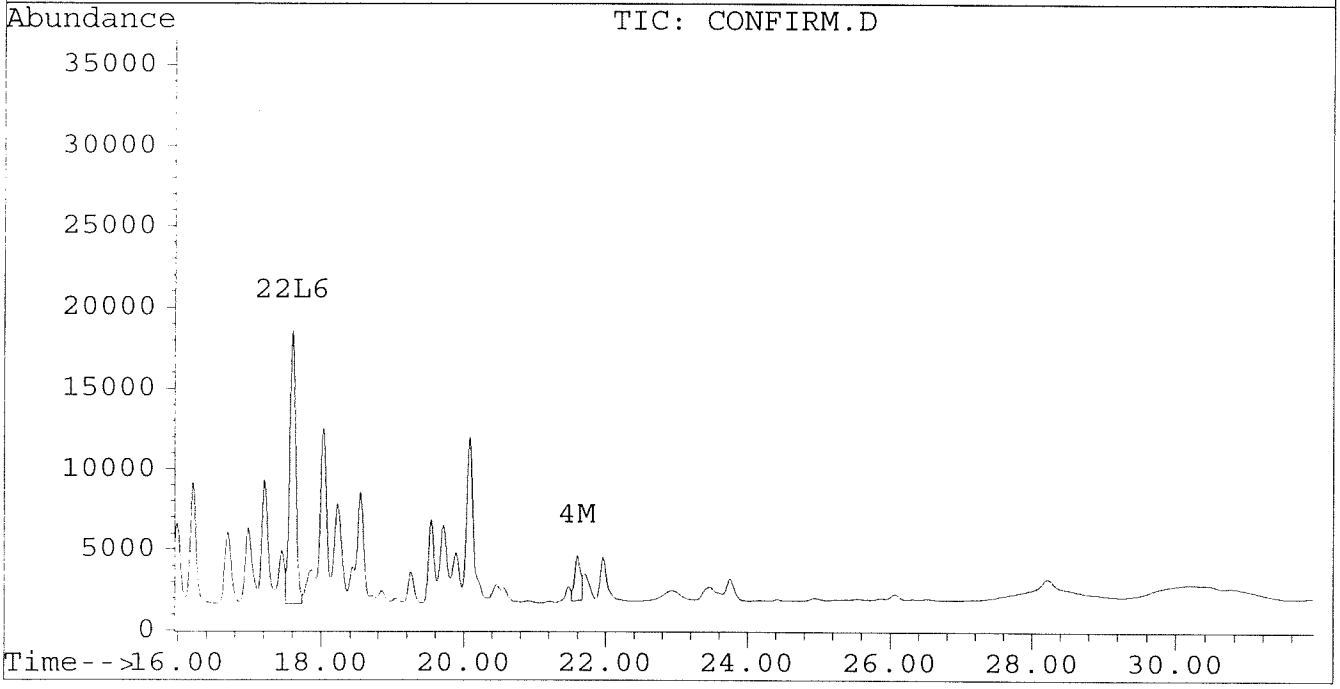
Signal #1 : D:\HPCHEM\5\SE3\C845-21C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-21C.D\CONFIRM.D
Acq On : 04 Sep 96 04:40 PM
Sample : VHB/ PO6 1:50 DILUTION
Misc : 30.3G/10ML 86% SOLID
Quant Time: Sep 4 17:13 1996

Vial: 40
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0320

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-21.D Vial: 44
Signal #2 : D:\HPCHEM\5\AU26A\C845-21.D\CONFIRM.D
Acq On : 27 Aug 96 07:40 PM Operator: JS
Sample : VHB/ PO6 Inst : ECD1
Misc : 30.3G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 20:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	9174	10512	0.038	0.055	#
					Recovery	=	95.00%	137.50%	
2)	S	Decachlorobiphenyl	22.29	30.73	14126	6116	0.067	0.069	
					Recovery	=	167.50%	172.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.77	1227844	903654	11.211	9.435	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	181023	132010	0.968	0.841	
5)	L1	Aroclor-1016	6.85	8.89	249168	44751	7.782	3.326	#
6)	L1	Aroclor-1016 (2)	8.98	10.43	417710	221040	23.815	7.916	#
7)	L1	Aroclor-1016 (3)	9.38	12.36	568860	162165	21.940	9.397	#
		Total Aroclor-1016			1235739	427957	53.536	20.639	
		Average Aroclor-1016					17.845	6.880	
8)	L2	Aroclor-1221	5.13	8.12	6348	8270	0.906	1.352	#
9)	L2	Aroclor-1221 (2)	5.55	8.66	13088	35114	2.243	7.199	#
10)	L2	Aroclor-1221 (3)	5.72	8.89	101308	44751	5.014	2.915	#
		Total Aroclor-1221			120745	88136	8.163	11.467	
		Average Aroclor-1221					2.721	3.822	
11)	L3	Aroclor-1232	5.72	8.89	101308	44751	5.554	3.123	#
12)	L3	Aroclor-1232 (2)	6.85	10.43	249168	221040	18.258	18.399	
13)	L3	Aroclor-1232 (3)	8.66	12.36	185781	162165	22.444	23.386	
		Total Aroclor-1232			536257	427957	46.255	44.908	
		Average Aroclor-1232					15.418	14.969	
14)	L4	Aroclor-1242	8.27	11.77	1227844	903654	29.653	30.321	
15)	L4	Aroclor-1242 (2)	9.38	12.36	568860	162165	29.240	12.271	#
16)	L4	Aroclor-1242 (3)	10.13	14.13	555902	434433	32.903	32.653	
		Total Aroclor-1242			2352606	1500252	91.796	75.244	
		Average Aroclor-1242					30.599	25.081	
17)	L5	Aroclor-1248	9.38	15.08	568860	381476	17.874	16.934	
18)	L5	Aroclor-1248 (2)	10.13	15.30	555902	420312	20.295	18.006	
19)	L5	Aroclor-1248 (3)	11.43	16.30	631030	317375	18.136	17.774	
		Total Aroclor-1248			1755792	1119164	56.305	52.714	
		Average Aroclor-1248					18.768	17.571	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-21.D Vial: 44
Signal #2 : D:\HPCHEM\5\AU26A\C845-21.D\CONFIRM.D
Acq On : 27 Aug 96 07:40 PM Operator: JS
Sample : VHB/ PO6 Inst : ECD1
Misc : 30.3G/10ML 86% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 20:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	346911	325040	11.108	12.031
21) L6	Aroclor-1254 {2}	13.48	15.83	579378	337523	13.416	11.600
22) L6	Aroclor-1254 {3}	15.87	17.69	453763	545932	14.129	13.707
Total	Aroclor-1254			1380052	1208496	38.653	37.339
Average	Aroclor-1254					12.884	12.446
23) L7	Aroclor-1260	13.97	18.32	275588	182132	7.941	5.696 #
24) L7	Aroclor-1260 {2}	14.76	18.64	237884	219852	5.851	6.112
25) L7	Aroclor-1260 {3}	17.97	22.06	138291	100768	2.392	1.885
Total	Aroclor-1260			651763	502752	16.185	13.693
Average	Aroclor-1260					5.395	4.564
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

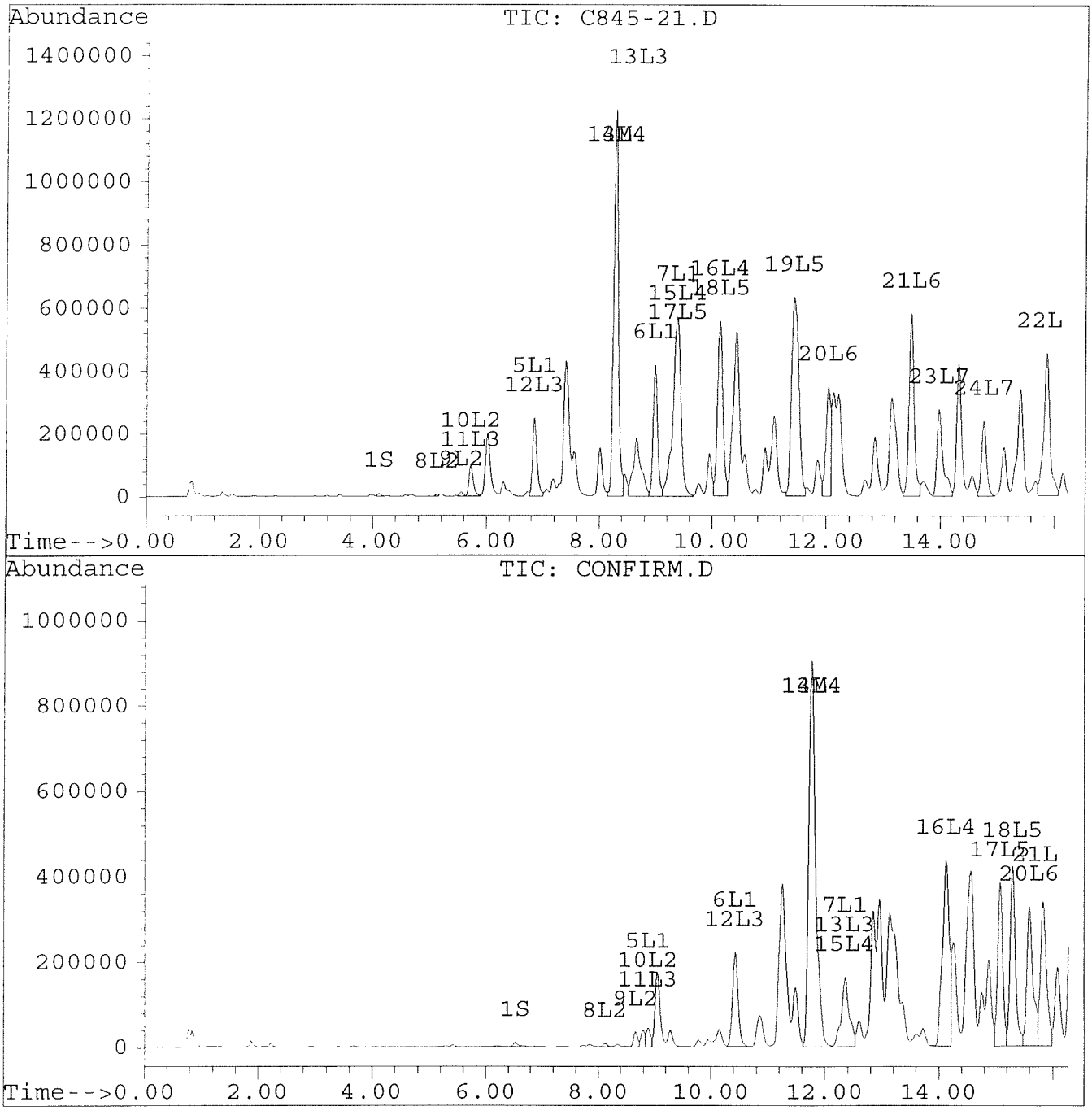
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-21.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-21.D\CONFIRM.D
Acq On : 27 Aug 96 07:40 PM
Sample : VHB/ PO6
Misc : 30.3G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 27 20:13 1996

Vial: 44
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



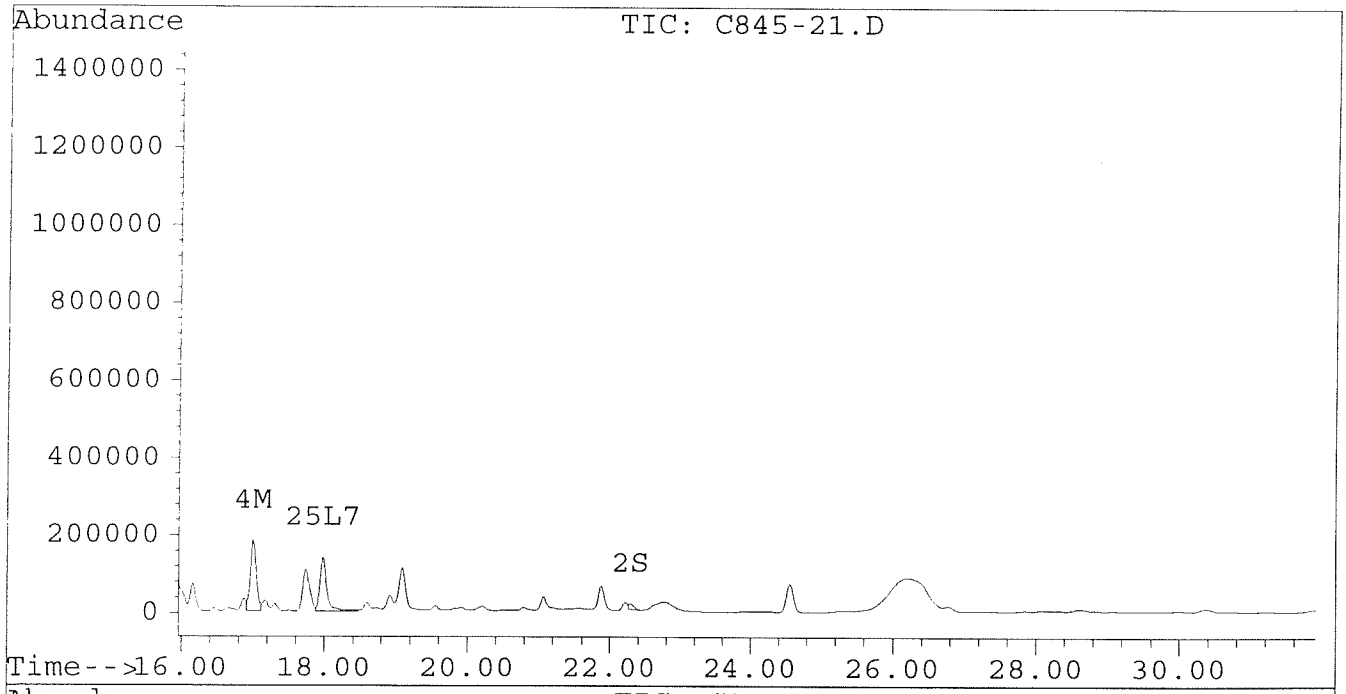
Quantitation Report

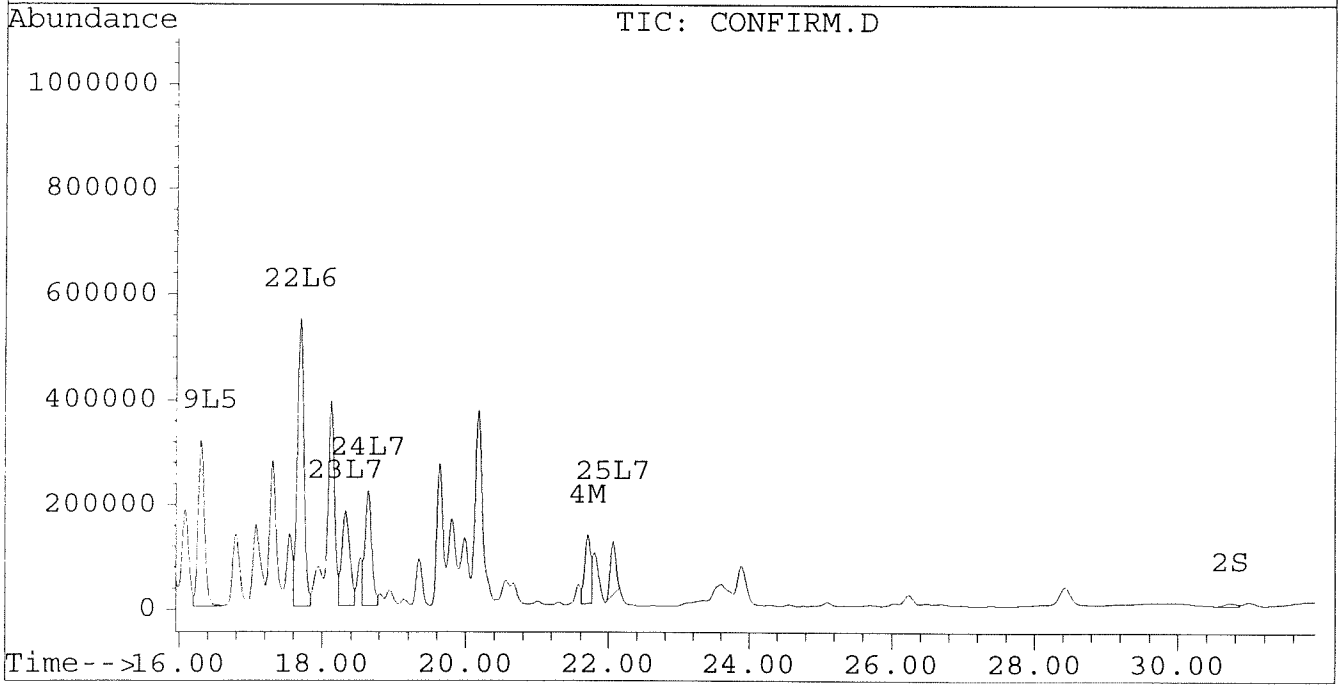
Signal #1 : D:\HPCHEM\5\AU26A\C845-21.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-21.D\CONFIRM.D
Acq On : 27 Aug 96 07:40 PM
Sample : VHB/ PO6
Misc : 30.3G/10ML 86% SOLID PCB ANALYSIS
Quant Time: Aug 27 20:13 1996

Vial: 44
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22.D Vial: 13
Signal #2 : D:\HPCHEM\5\AU26A\C845-22.D\CONFIRM.D
Acq On : 27 Aug 96 01:02 AM Operator: JS
Sample : VHB/ PM5 Inst : ECD1
Misc : 30.1G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 1:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	7763	6443	0.033	0.034	
				Recovery	=	82.50%	85.00%	
2)	S Decachlorobiphenyl	22.30	30.73	8236	2428	0.039	0.027	#
				Recovery	=	97.50%	67.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	131503	95362	1.201	0.996	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	17607	11489	0.094	0.073	
5)	L1 Aroclor-1016	6.85	8.90	27962	3498	0.873	0.260	#
6)	L1 Aroclor-1016 (2)	8.99	10.43	37386	24526	2.131	0.878	#
7)	L1 Aroclor-1016 (3)	9.38	12.36	64604	14567	2.492	0.844	#
	Total Aroclor-1016			129951	42590	5.496	1.982	
	Average Aroclor-1016					1.832	0.661	
8)	L2 Aroclor-1221	5.14	8.12	416	1433	0.059	0.234	#
9)	L2 Aroclor-1221 (2)	5.56	8.67	988	2903	0.169	0.595	#
10)	L2 Aroclor-1221 (3)	5.72	8.90	8598	3498	0.426	0.228	#
	Total Aroclor-1221			10003	7834	0.654	1.057	
	Average Aroclor-1221					0.218	0.352	
11)	L3 Aroclor-1232	5.72	8.90	8598	3498	0.471	0.244	#
12)	L3 Aroclor-1232 (2)	6.85	10.43	27962	24526	2.049	2.041	
13)	L3 Aroclor-1232 (3)	8.66	12.36	16523	14567	1.996	2.101	
	Total Aroclor-1232			53083	42590	4.516	4.386	
	Average Aroclor-1232					1.505	1.462	
14)	L4 Aroclor-1242	8.27	11.78	131503	95362	3.176	3.200	
15)	L4 Aroclor-1242 (2)	9.38	12.36	64604	14567	3.321	1.102	#
16)	L4 Aroclor-1242 (3)	10.13	14.13	58511	45334	3.463	3.407	
	Total Aroclor-1242			254617	155263	9.960	7.709	
	Average Aroclor-1242					3.320	2.570	
17)	L5 Aroclor-1248	9.38	15.08	64604	42425	2.030	1.883	
18)	L5 Aroclor-1248 (2)	10.13	15.30	58511	43924	2.136	1.882	
19)	L5 Aroclor-1248 (3)	11.43	16.30	71933	30019	2.067	1.681	
	Total Aroclor-1248			195047	116367	6.233	5.446	
	Average Aroclor-1248					2.078	1.815	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22.D Vial: 13
Signal #2 : D:\HPCHEM\5\AU26A\C845-22.D\CONFIRM.D
Acq On : 27 Aug 96 01:02 AM Operator: JS
Sample : VHB/ PM5 Inst : ECD1
Misc : 30.1G/10ML/91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 1:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	43229	37957	1.384	1.405
21) L6	Aroclor-1254 {2}	13.48	15.83	66587	42569	1.542	1.463
22) L6	Aroclor-1254 {3}	15.87	17.69	50612	60354	1.576	1.515
Total	Aroclor-1254			160428	140879	4.502	4.383
Average	Aroclor-1254					1.501	1.461
23) L7	Aroclor-1260	13.98	18.32	31573	20818	0.910	0.651 #
24) L7	Aroclor-1260 {2}	14.76	18.64	27125	25234	0.667	0.702
25) L7	Aroclor-1260 {3}	17.97	22.06	14713	8218	0.255	0.154 #
Total	Aroclor-1260			73411	54270	1.832	1.506
Average	Aroclor-1260					0.611	0.502
26) L8	Aroclor-1268	0.00	23.35f	0	4486	N.D.	1.045 #
27) L8	Aroclor-1268 {2}	0.00	23.52	0	4146	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	4486	N.D.	1.045
Average	Aroclor-1268					0.000	1.045

AR1254

$$\frac{3.113\ \mu g/mL \times 10mL}{0.0301kg \times .91 \times .666} = 1709$$

1700 µg/kg

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

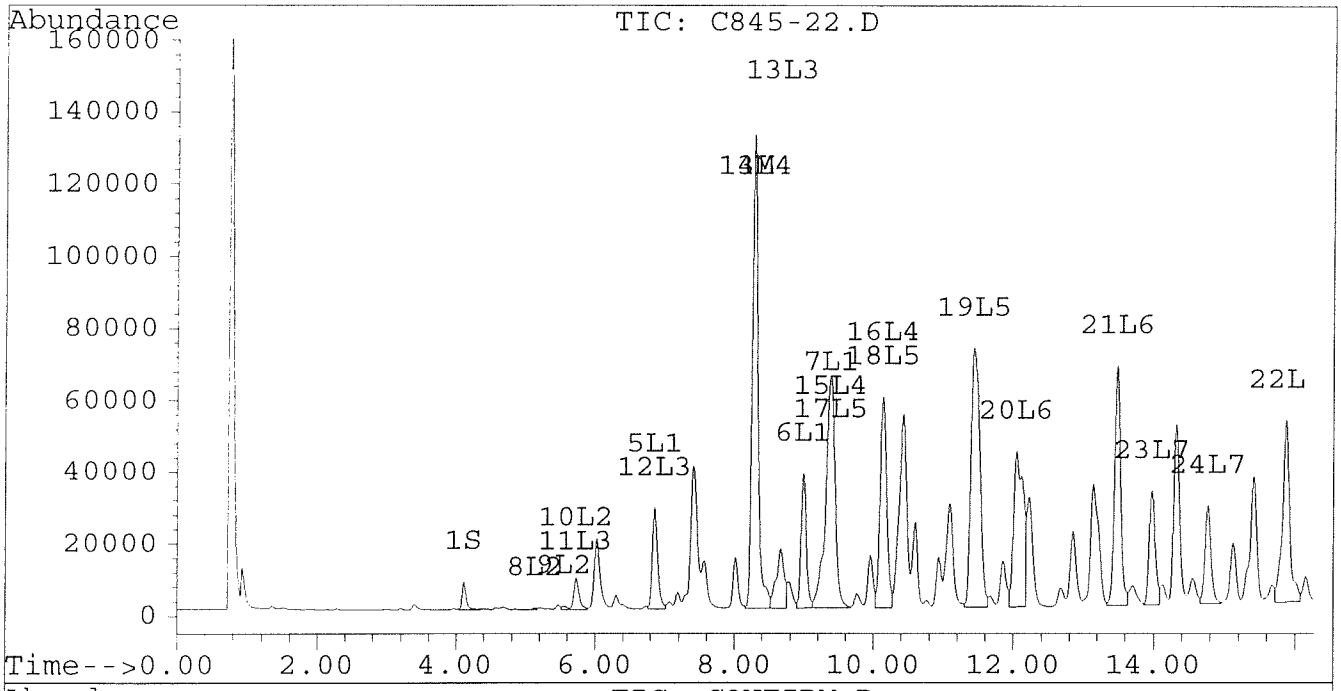
0326

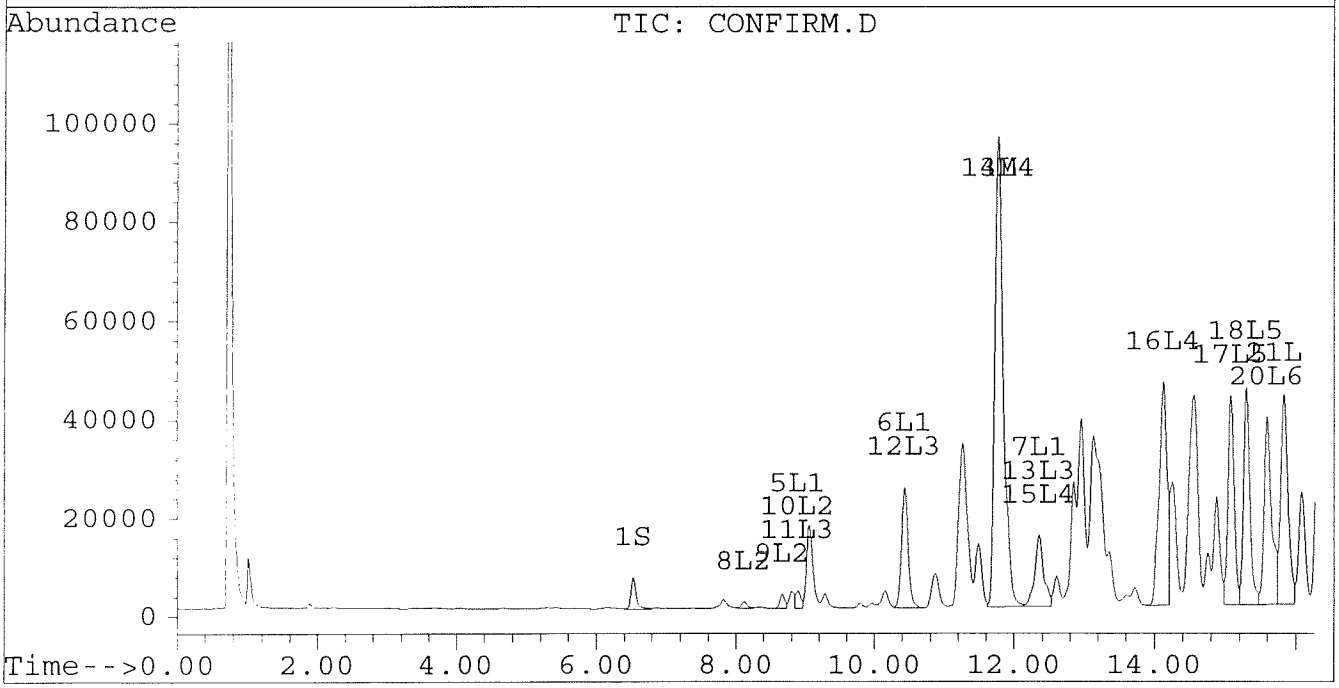
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22.D Vial: 13
Signal #2 : D:\HPCHEM\5\AU26A\C845-22.D\CONFIRM.D
Acq On : 27 Aug 96 01:02 AM Operator: JS
Sample : VHB/ PM5 Inst : ECD1
Misc : 30.1G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 1:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





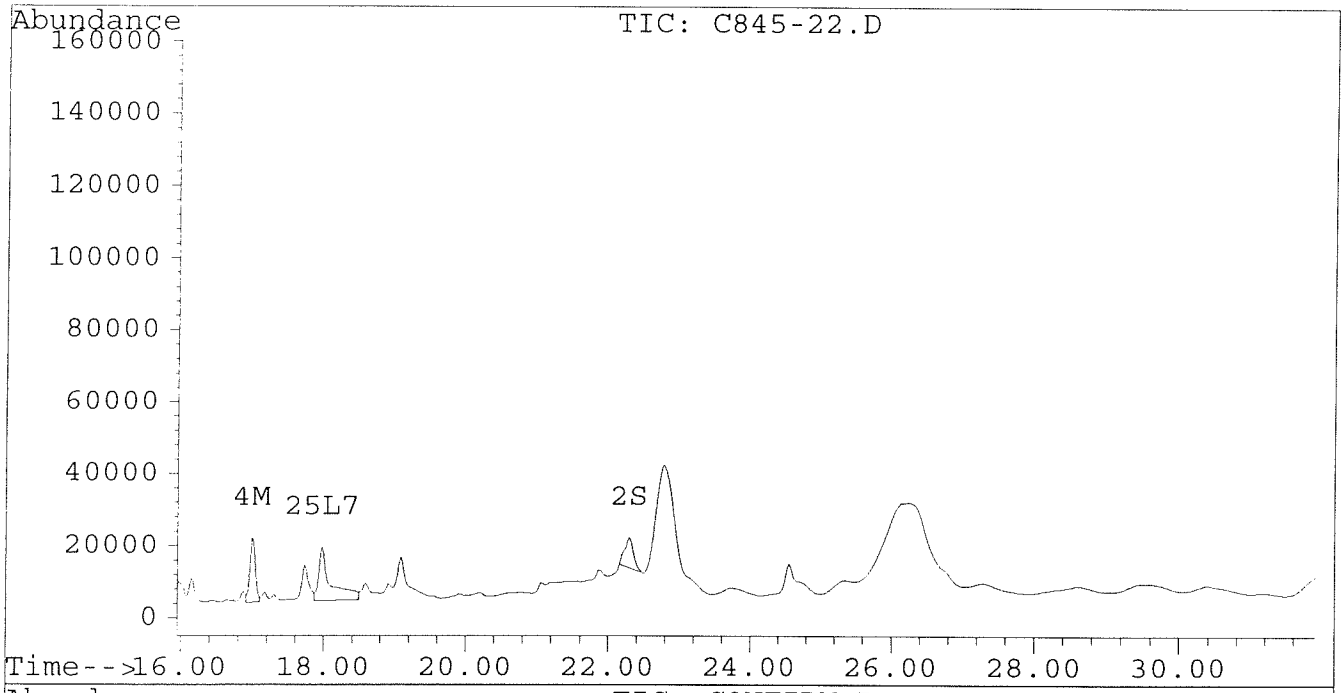
0327

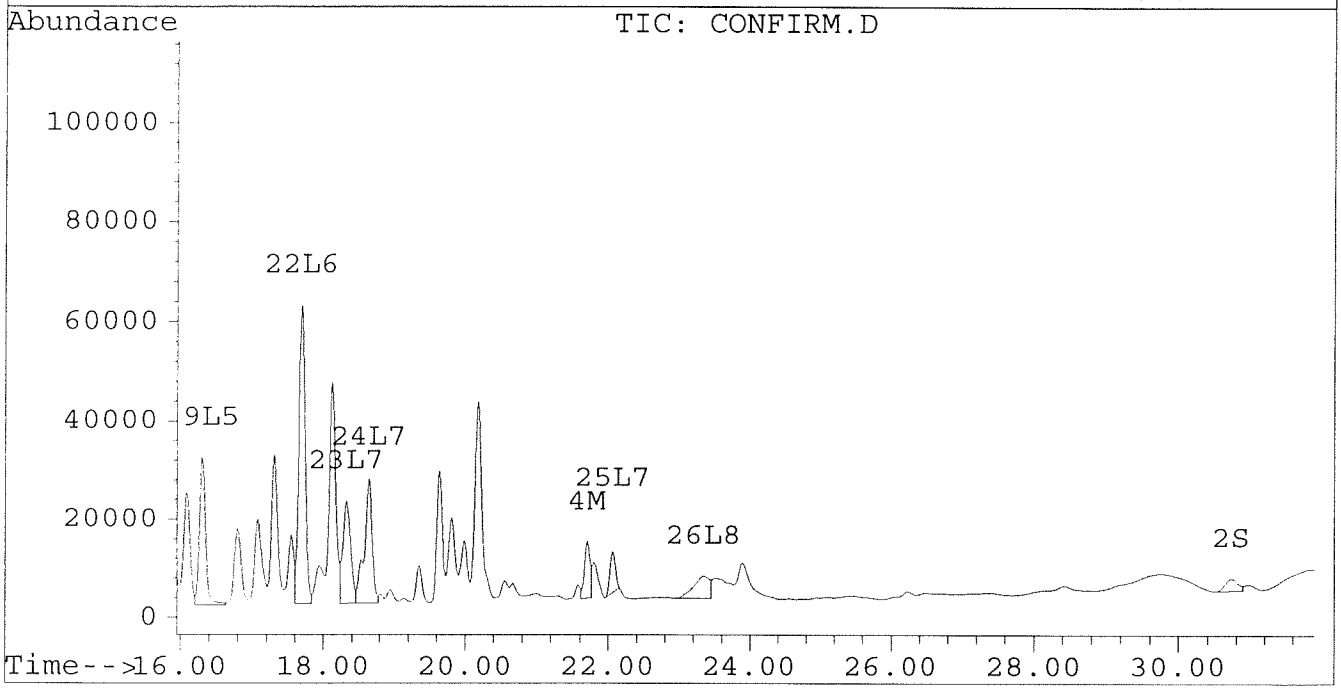
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22.D Vial: 13
Signal #2 : D:\HPCHEM\5\AU26A\C845-22.D\CONFIRM.D
Acq On : 27 Aug 96 01:02 AM Operator: JS
Sample : VHB/ PM5 (1) Inst : ECD1
Misc : 30.1G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 1:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0328

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22A.D Vial: 78
Signal #2 : D:\HPCHEM\5\AU26A\C845-22A.D\CONFIRM.D
Acq On : 28 Aug 96 03:49 PM Operator: JS
Sample : VHB/ PM5 1:3 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 16:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	2248	1979	0.009	0.010	
					Recovery	=	22.50%	25.00%	
2)	S	Decachlorobiphenyl	22.30	30.72	1883	734	0.009	0.008	
					Recovery	=	22.50%	20.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.28	11.78	48838	35976	0.446	0.376	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.70	5597	3585	0.030	0.023	
5)	L1	Aroclor-1016	6.85	8.90	10551	1336	0.330	0.099	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	12915	9582	0.736	0.343	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	25567	5422	0.986	0.314	#
	Total	Aroclor-1016			49034	16340	2.052	0.757	
	Average	Aroclor-1016					0.684	0.252	
8)	L2	Aroclor-1221	5.14	8.12	154	496	0.022	0.081	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	369	950	0.063	0.195	#
10)	L2	Aroclor-1221 {3}	5.73	8.90	2985	1336	0.148	0.087	#
	Total	Aroclor-1221			3508	2782	0.233	0.363	
	Average	Aroclor-1221					0.078	0.121	
11)	L3	Aroclor-1232	5.73	8.90	2985	1336	0.164	0.093	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	10551	9582	0.773	0.798	
13)	L3	Aroclor-1232 {3}	8.66	12.36	5984	5422	0.723	0.782	
	Total	Aroclor-1232			19521	16340	1.660	1.673	
	Average	Aroclor-1232					0.553	0.558	
14)	L4	Aroclor-1242	8.28	11.78	48838	35976	1.179	1.207	
15)	L4	Aroclor-1242 {2}	9.38	12.36	25567	5422	1.314	0.410	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	22322	17352	1.321	1.304	
	Total	Aroclor-1242			96727	58751	3.815	2.922	
	Average	Aroclor-1242					1.272	0.974	
17)	L5	Aroclor-1248	9.38	15.08	25567	15482	0.803	0.687	
18)	L5	Aroclor-1248 {2}	10.13	15.30	22322	15957	0.815	0.684	
19)	L5	Aroclor-1248 {3}	11.44	16.31	27133	9916	0.780	0.555	#
	Total	Aroclor-1248			75022	41355	2.398	1.926	
	Average	Aroclor-1248					0.799	0.642	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22A.D Vial: 78
Signal #2 : D:\HPCHEM\5\AU26A\C845-22A.D\CONFIRM.D
Acq On : 28 Aug 96 03:49 PM Operator: JS
Sample : VHB/ PM5 1:3 DILUTION Inst : ECD1
Misc : 30.1G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 16:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	16505	14490	0.528	0.536
21) L6 Aroclor-1254 {2}	13.48	15.83	24063	16231	0.557	0.558
22) L6 Aroclor-1254 {3}	15.87	17.69	17203	21622	0.536	0.543
Total Aroclor-1254			57771	52343	1.621	1.637
Average Aroclor-1254					0.540	0.546
23) L7 Aroclor-1260	13.98	18.32	11430	7719	0.329	0.241 #
24) L7 Aroclor-1260 {2}	14.76	18.64	9743	9031	0.240	0.251
25) L7 Aroclor-1260 {3}	17.97	22.06	3891	2578	0.067	0.048 #
Total Aroclor-1260			25064	19328	0.636	0.541
Average Aroclor-1260					0.212	0.180
26) L8 Aroclor-1268	0.00	23.34f	0	331	N.D.	0.077 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	331	N.D.	0.077
Average Aroclor-1268					0.000	0.077

AR 1242

$$\frac{2.493\ \mu g/mL \times 10mL}{0.0301 L_2 \times .91 \times .666} \approx 1,366 \times DF\ 3 = 4,099$$

4100 µg/L

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

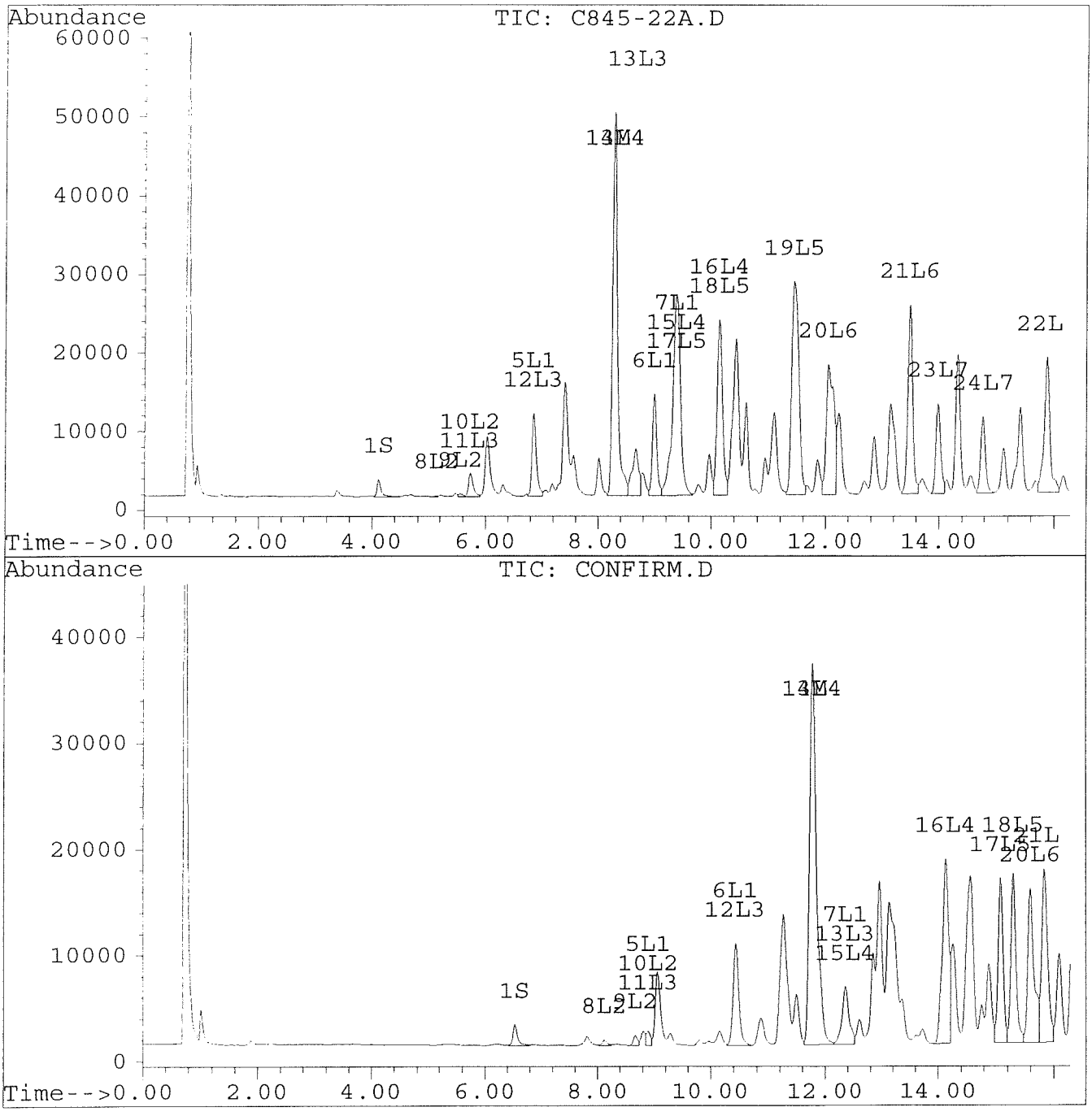
0330

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22A.D Vial: 78
Signal #2 : D:\HPCHEM\5\AU26A\C845-22A.D\CONFIRM.D
Acq On : 28 Aug 96 03:49 PM Operator: JS
Sample : VHB/ PM5 1:3 DILUTION Inst : ECD1
Misc : 30.1G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 16:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0331

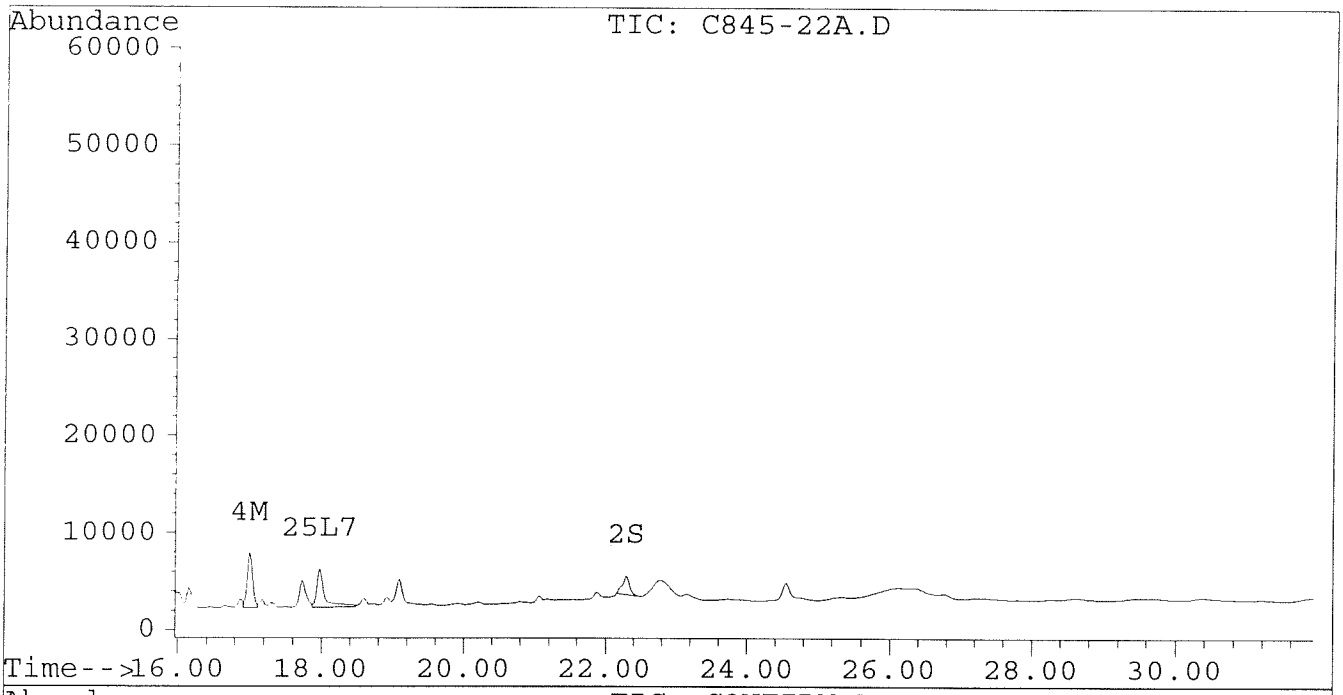
Quantitation Report

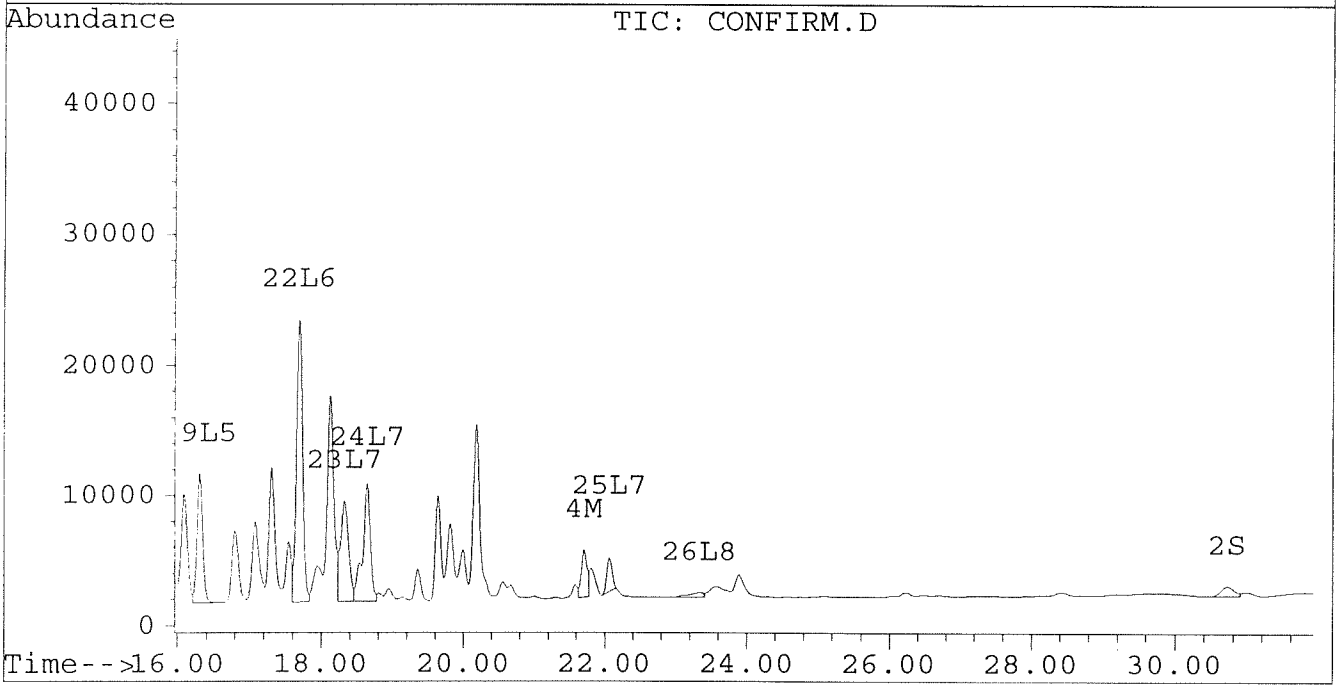
Signal #1 : D:\HPCHEM\5\AU26A\C845-22A.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-22A.D\CONFIRM.D
Acq On : 28 Aug 96 03:49 PM
Sample : VHB/ PM5 1:3 DILUTION
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 28 16:23 1996

Vial: 78
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-23.D Vial: 48
Signal #2 : D:\HPCHEM\5\AU26A\C845-23.D\CONFIRM.D
Acq On : 27 Aug 96 10:02 PM Operator: JS
Sample : VHB/ PP6 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 22:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	4728	3981	0.020	0.021	
					Recovery	=	50.00%	52.50%	
2)	S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
					Recovery	=	0.00%	0.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	195592	142559	1.786	1.488	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	41815	29679	0.224	0.189	
5)	L1	Aroclor-1016	6.85	8.90	48123	9681	1.503	0.719	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	61971	43070	3.533	1.542	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	99603	32177	3.841	1.865	#
	Total	Aroclor-1016			209697	84927	8.878	4.127	
	Average	Aroclor-1016					2.959	1.376	
8)	L2	Aroclor-1221	5.14	8.12	1273	3175	0.182	0.519	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	3003	13019	0.515	2.669	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	25184	9681	1.246	0.631	#
	Total	Aroclor-1221			29460	25875	1.943	3.819	
	Average	Aroclor-1221					0.648	1.273	
11)	L3	Aroclor-1232	5.72	8.90	25184	9681	1.381	0.676	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	48123	43070	3.526	3.585	
13)	L3	Aroclor-1232 {3}	8.66	12.36	36297	32177	4.385	4.640	
	Total	Aroclor-1232			109603	84927	9.292	8.901	
	Average	Aroclor-1232					3.097	2.967	
14)	L4	Aroclor-1242	8.27	11.78	195592	142559	4.724	4.783	
15)	L4	Aroclor-1242 {2}	9.38	12.36	99603	32177	5.120	2.435	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	95345	74768	5.643	5.620	
	Total	Aroclor-1242			390540	249505	15.487	12.838	
	Average	Aroclor-1242					5.162	4.279	
17)	L5	Aroclor-1248	9.38	15.08	99603	69763	3.130	3.097	
18)	L5	Aroclor-1248 {2}	10.13	15.30	95345	68977	3.481	2.955	
19)	L5	Aroclor-1248 {3}	11.43	16.31	122379	49254	3.517	2.758	
	Total	Aroclor-1248			317327	187994	10.128	8.810	
	Average	Aroclor-1248					3.376	2.937	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-23.D Vial: 48
Signal #2 : D:\HPCHEM\5\AU26A\C845-23.D\CONFIRM.D
Acq On : 27 Aug 96 10:02 PM Operator: JS
Sample : VHB/ PP6 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 22:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

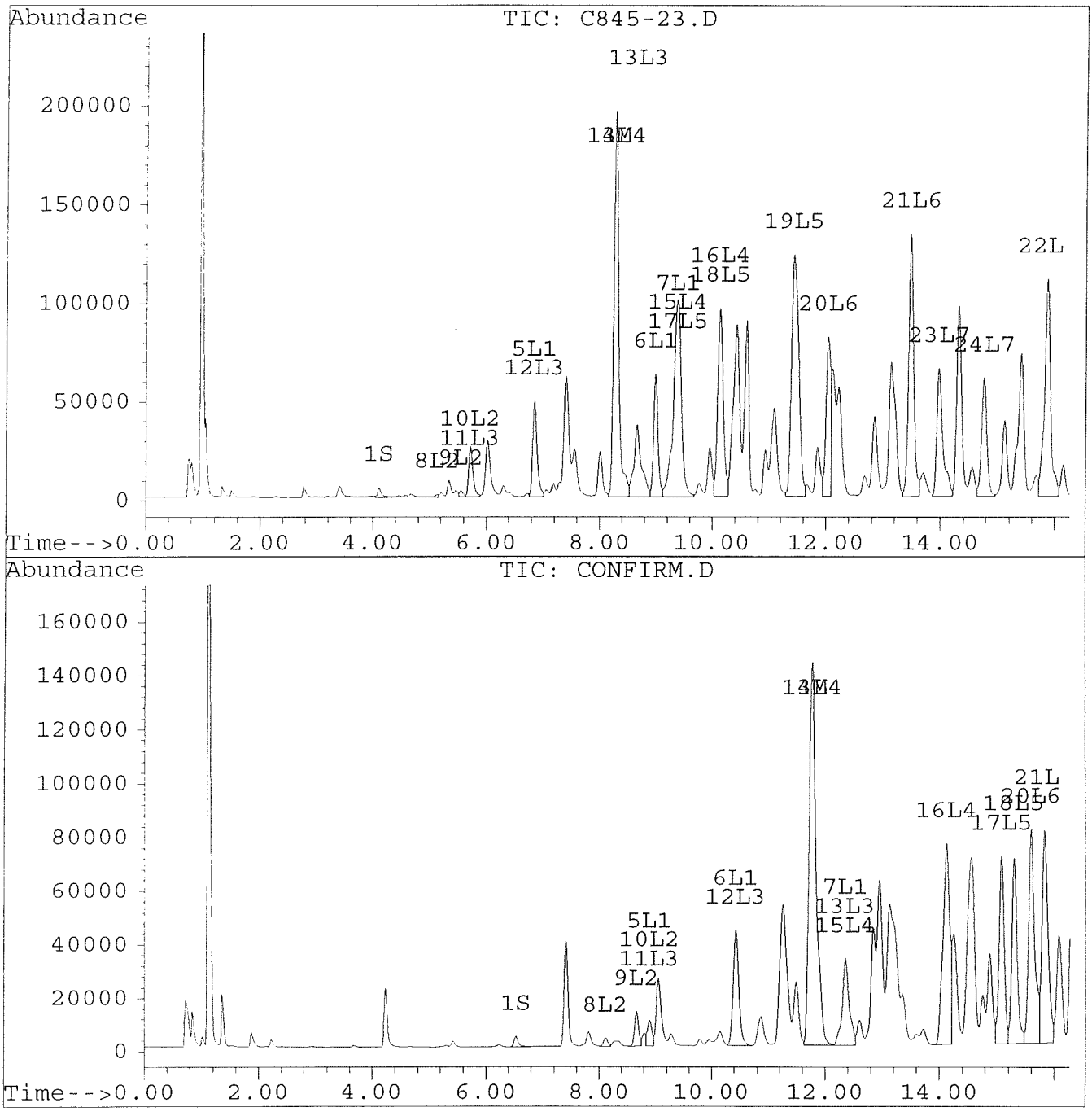
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	80549	79499	2.579	2.943
21) L6	Aroclor-1254 {2}	13.48	15.83	133058	78950	3.081	2.713
22) L6	Aroclor-1254 {3}	15.87	17.69	109973	123053	3.424	3.090
Total	Aroclor-1254			323580	281502	9.085	8.746
Average	Aroclor-1254					3.028	2.915
23) L7	Aroclor-1260	13.98	18.32	64607	45720	1.862	1.430
24) L7	Aroclor-1260 {2}	14.76	18.64	59820	54804	1.471	1.524
25) L7	Aroclor-1260 {3}	17.97	22.06	31176	22912	0.539	0.429
Total	Aroclor-1260			155602	123436	3.872	3.382
Average	Aroclor-1260					1.291	1.127
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-23.D Vial: 48
Signal #2 : D:\HPCHEM\5\AU26A\C845-23.D\CONFIRM.D
Acq On : 27 Aug 96 10:02 PM Operator: JS
Sample : VHB/ PP6 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 22:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0335

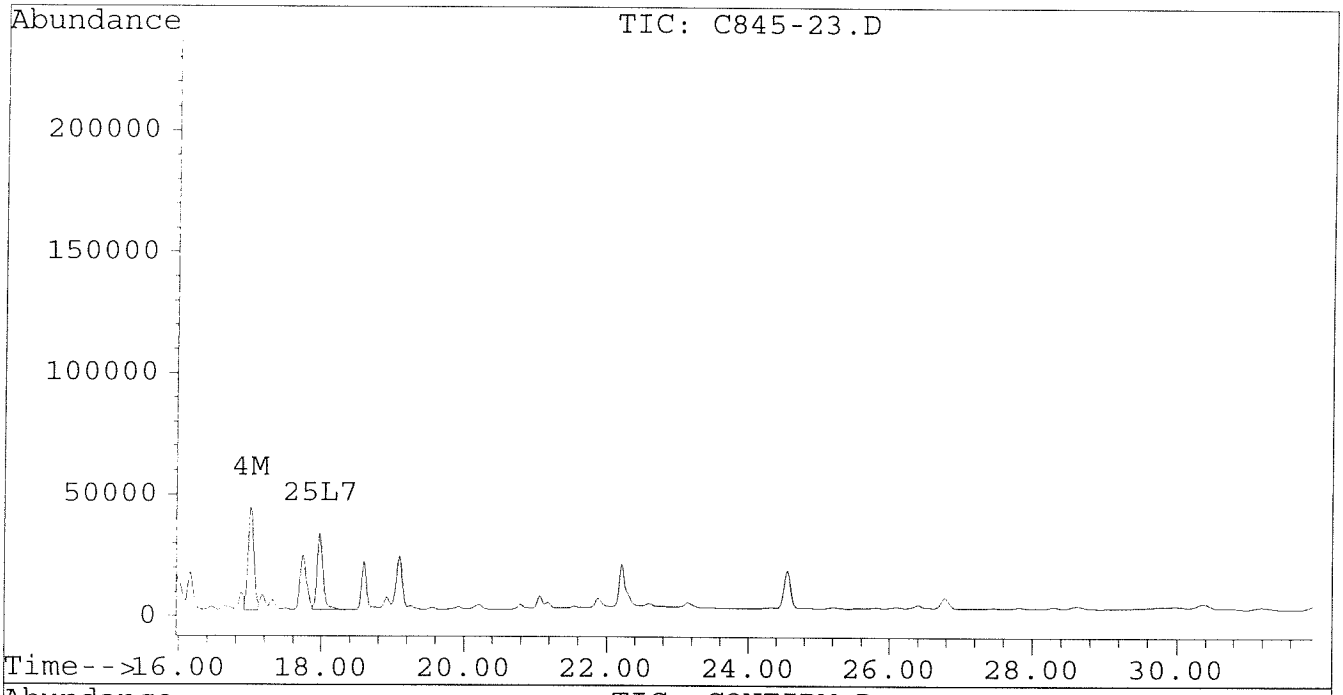
Quantitation Report

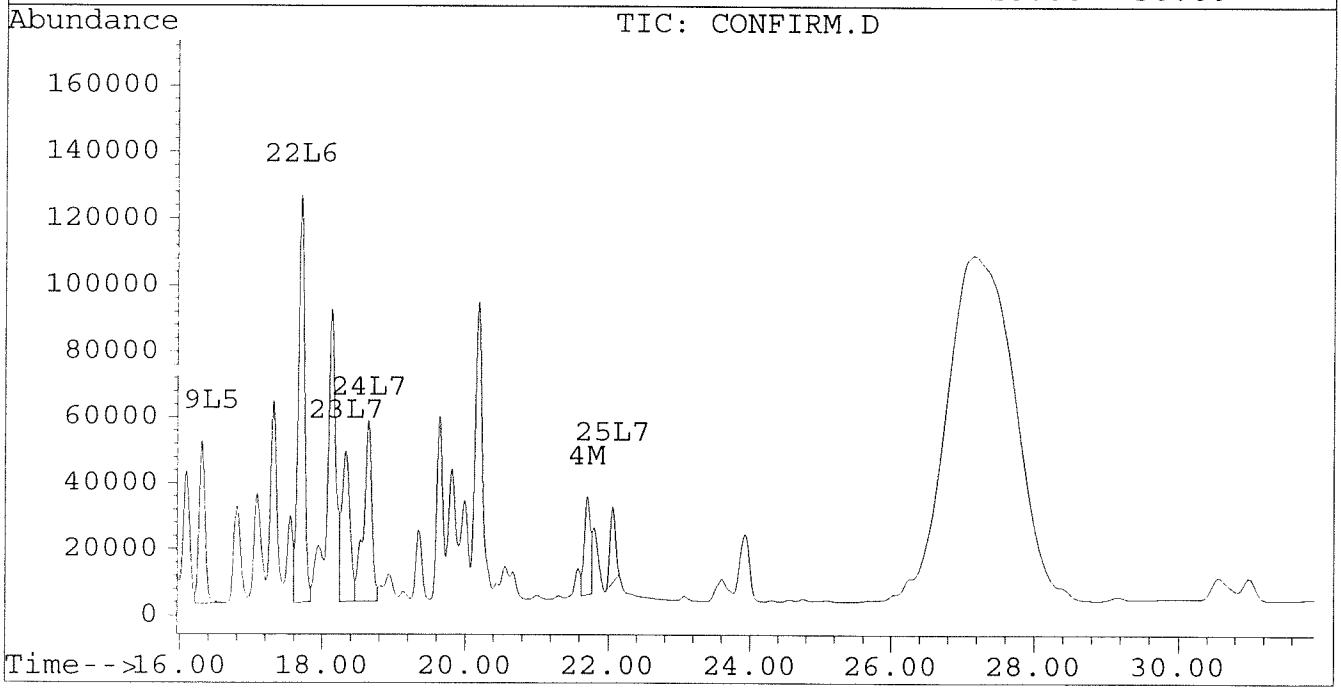
Signal #1 : D:\HPCHEM\5\AU26A\C845-23.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-23.D\CONFIRM.D
Acq On : 27 Aug 96 10:02 PM
Sample : VHB/ PP6
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 27 22:35 1996

Vial: 48
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0336

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-23B.D Vial: 31
Signal #2 : D:\HPCHEM\5\SE3\C845-23B.D\CONFIRM.D
Acq On : 04 Sep 96 09:34 AM Operator: JS
Sample : VHB/ PP6 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 4 10:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	584	520	0.002	0.003
				Recovery	=	5.00%	7.50%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	30398	21537	0.278	0.225
4) M	2,2',3,3',4,4'-Hexa	16.91	21.60	5391	3488	0.029	0.022
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.14	0.00	268	0	0.038	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			268	0	0.038	N.D.
Average	Aroclor-1221					0.038	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.70	0.00	1900	0	0.230	N.D. #
Total	Aroclor-1232			1900	0	0.230	N.D.
Average	Aroclor-1232					0.230	0.000
14) L4	Aroclor-1242	8.20	11.69	30398	21537	0.734	0.723
15) L4	Aroclor-1242 {2}	9.29	12.27	17181	4771	0.883	0.361 #
16) L4	Aroclor-1242 {3}	10.05	14.04	15269	11927	0.904	0.896
Total	Aroclor-1242			62849	38235	2.521	1.980
Average	Aroclor-1242					0.840	0.660
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0337

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-23B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-23B.D\CONFIRM.D
Acq On : 04 Sep 96 09:34 AM
Sample : VHB/ PP6 1:10 DILUTION
Misc : 30.2G/10ML 91% SOLID
Quant Time: Sep 4 10:08 1996

Vial: 31
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	13465	12839	0.431	0.475
21) L6 Aroclor-1254 {2}	13.40	15.74	20281	13056	0.470	0.449
22) L6 Aroclor-1254 {3}	15.78	17.59	16234	18690	0.505	0.469
Total Aroclor-1254			49980	44585	1.406	1.393
Average Aroclor-1254					0.469	0.464
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	750	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	23.47f	2625	988	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.78	0.00	421	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$$\frac{1.617\ \mu g/mL \times 10m}{0.0302 \times .91 \times .666} \times 10 = 8,834$$

8 800 µg/kg

AR1254

$$\frac{0.975 \times 10}{0.030 \times .91 \times .666} \times 10 = 5\,326$$

5300

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

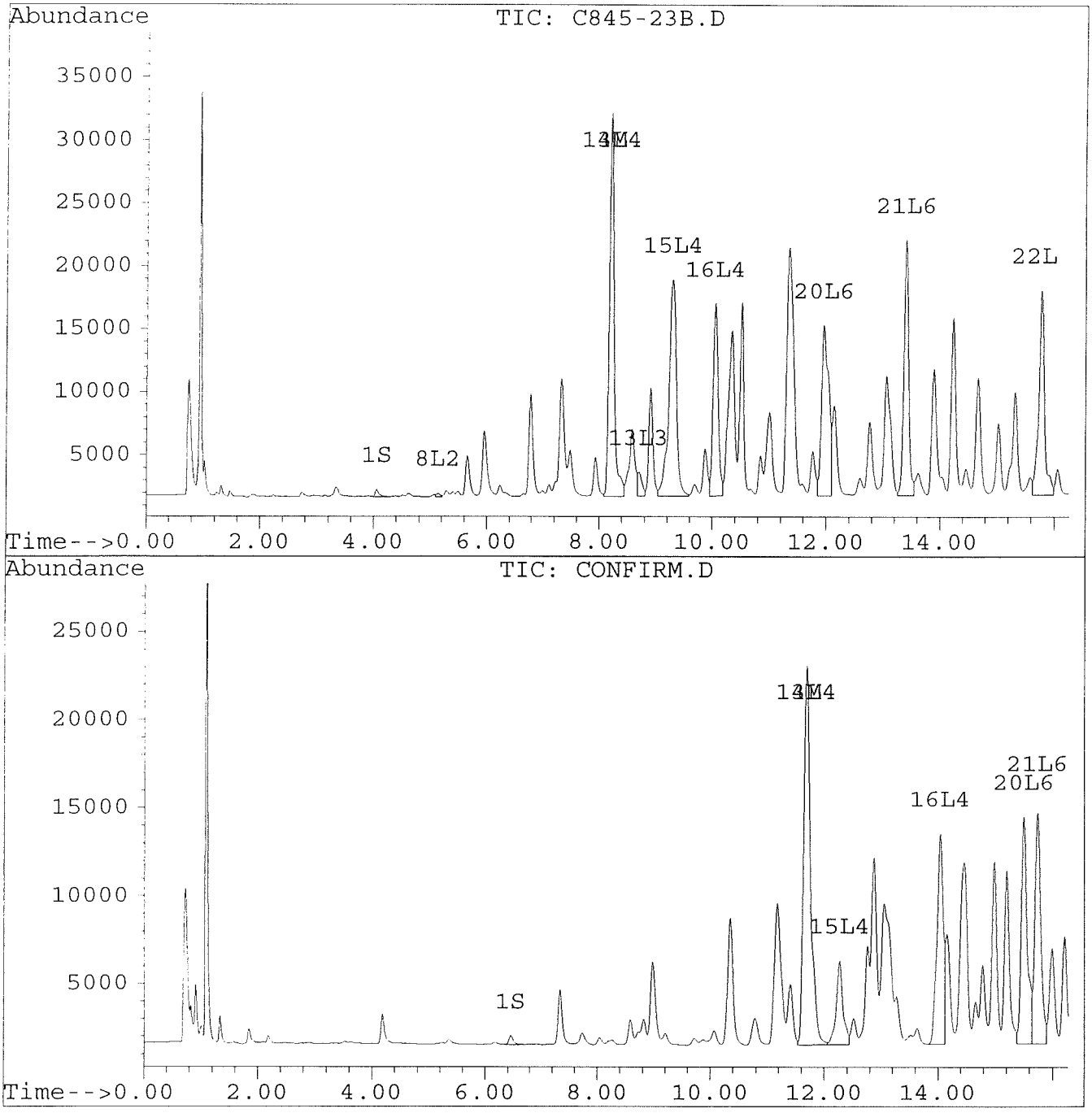
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-23B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-23B.D\CONFIRM.D
Acq On : 04 Sep 96 09:34 AM
Sample : VHB/ PP6 1:10 DILUTION
Misc : 30.2G/10ML 91% SOLID
Quant Time: Sep 4 10:08 1996

Vial: 31
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0339

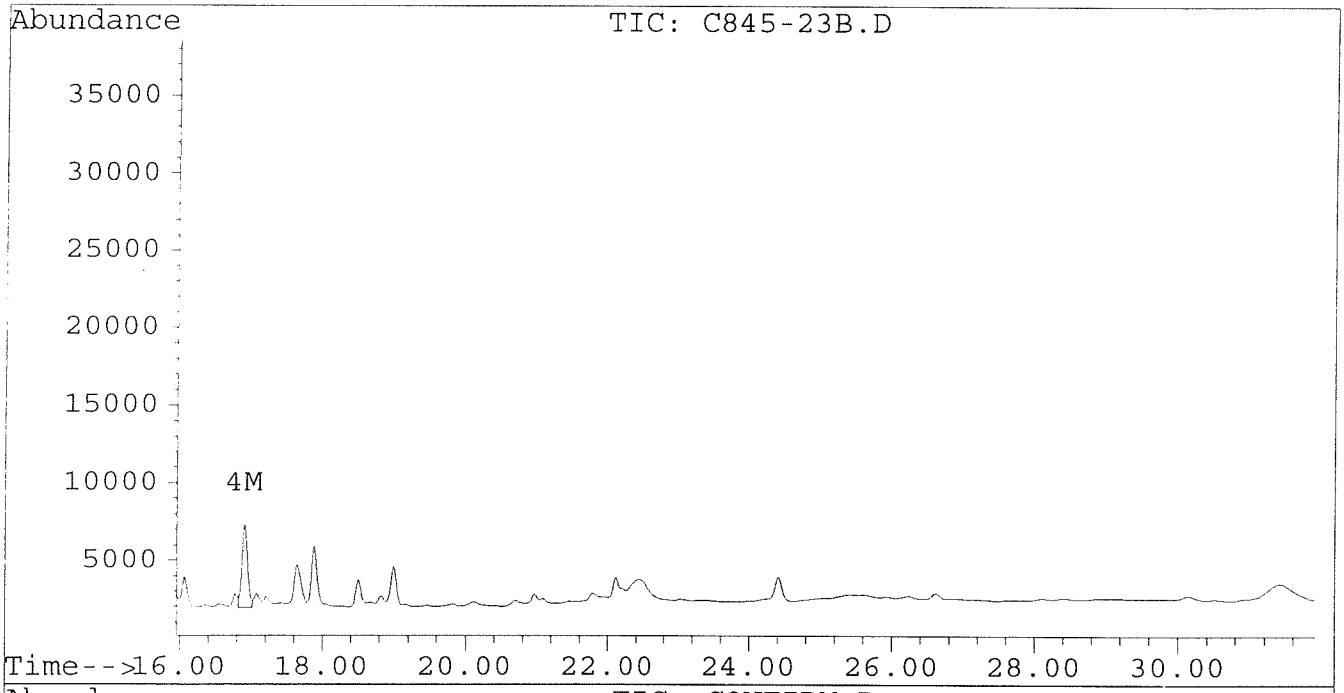
Quantitation Report

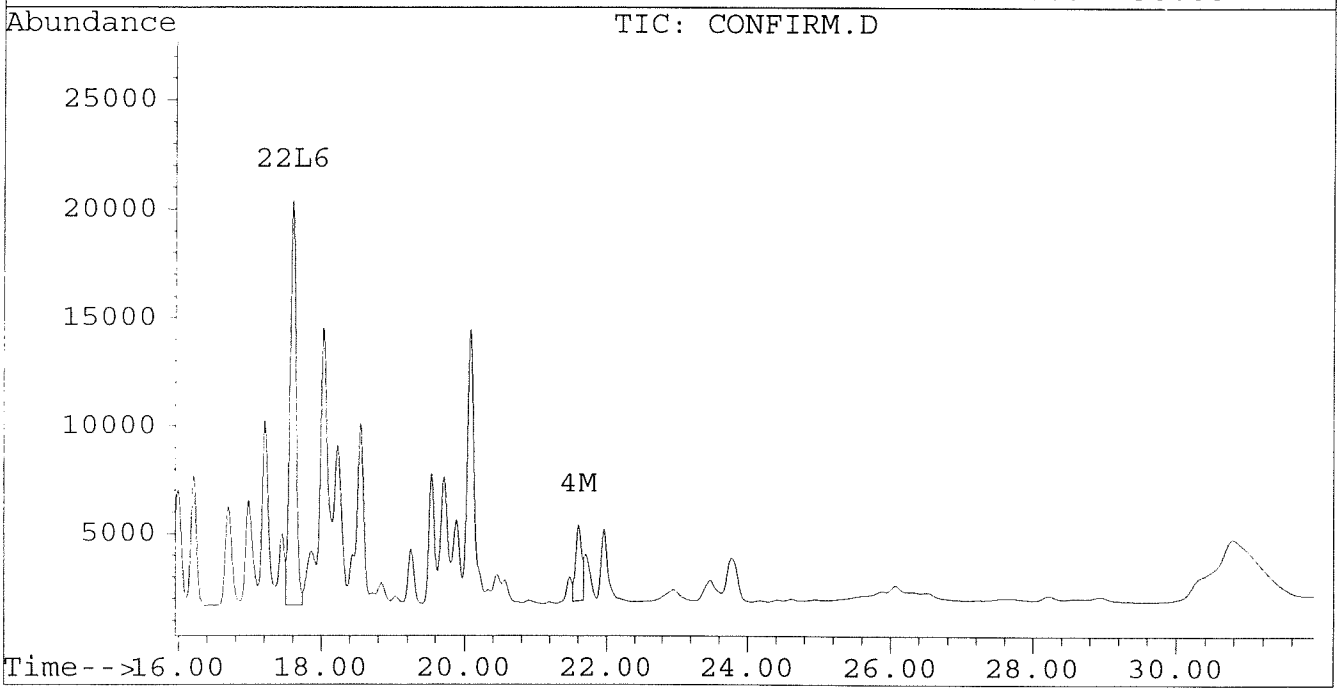
Signal #1 : D:\HPCHEM\5\SE3\C845-23B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-23B.D\CONFIRM.D
Acq On : 04 Sep 96 09:34 AM
Sample : VHB/ PP6 1:10 DILUTION
Misc : 30.2G/10ML 91% SOLID
Quant Time: Sep 4 10:08 1996

Vial: 31
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0340

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-24.D Vial: 49
Signal #2 : D:\HPCHEM\5\AU26A\C845-24.D\CONFIRM.D
Acq On : 27 Aug 96 10:37 PM Operator: JS
Sample : VHB/ PQ5 Inst : ECD1
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 23:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

do not use this

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	7456	5847	0.031	0.031	
				Recovery	=	77.50%	77.50%	
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
				Recovery	=	0.00%	0.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	162832	118596	1.487	1.238	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	30759	20986	0.165	0.134	
5) L1	Aroclor-1016	6.85	8.90	36315	7397	1.134	0.550	#
6) L1	Aroclor-1016 {2}	8.99	10.43	53324	31858	3.040	1.141	#
7) L1	Aroclor-1016 {3}	9.38	12.36	83777	22481	3.231	1.303	#
Total	Aroclor-1016			173415	61735	7.405	2.993	
Average	Aroclor-1016					2.468	0.998	
8) L2	Aroclor-1221	5.13	8.11	981	3103	0.140	0.507	#
9) L2	Aroclor-1221 {2}	5.55	8.66	2117	4439	0.363	0.910	#
10) L2	Aroclor-1221 {3}	5.72	8.90	14168	7397	0.701	0.482	#
Total	Aroclor-1221			17266	14938	1.204	1.899	
Average	Aroclor-1221					0.401	0.633	
11) L3	Aroclor-1232	5.72	8.90	14168	7397	0.777	0.516	#
12) L3	Aroclor-1232 {2}	6.85	10.43	36315	31858	2.661	2.652	
13) L3	Aroclor-1232 {3}	8.66	12.36	25928	22481	3.132	3.242	
Total	Aroclor-1232			76410	61735	6.570	6.410	
Average	Aroclor-1232					2.190	2.137	
14) L4	Aroclor-1242	8.27	11.78	162832	118596	3.932	3.979	
15) L4	Aroclor-1242 {2}	9.38	12.36	83777	22481	4.306	1.701	#
16) L4	Aroclor-1242 {3}	10.13	14.13	81339	62532	4.814	4.700	
Total	Aroclor-1242			327947	203609	13.053	10.380	
Average	Aroclor-1242					4.351	3.460	
17) L5	Aroclor-1248	9.38	15.08	83777	54959	2.632	2.440	
18) L5	Aroclor-1248 {2}	10.13	15.30	81339	59849	2.970	2.564	
19) L5	Aroclor-1248 {3}	11.43	16.31	97073	42601	2.790	2.386	
Total	Aroclor-1248			262189	157410	8.392	7.389	
Average	Aroclor-1248					2.797	2.463	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-24.D Vial: 49
Signal #2 : D:\HPCHEM\5\AU26A\C845-24.D\CONFIRM.D
Acq On : 27 Aug 96 10:37 PM Operator: JS
Sample : VHB/ PQ5 Inst : ECD1
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 23:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	60672	53655	1.943	1.986
21) L6	Aroclor-1254 {2}	13.48	15.83	100130	57848	2.319	1.988
22) L6	Aroclor-1254 {3}	15.87	17.69	82253	92299	2.561	2.317
Total	Aroclor-1254			243056	203802	6.822	6.292
Average	Aroclor-1254					2.274	2.097
23) L7	Aroclor-1260	13.98	18.32	48328	32200	1.393	1.007 #
24) L7	Aroclor-1260 {2}	14.76	18.64	47334	38736	1.164	1.077
25) L7	Aroclor-1260 {3}	17.97	22.06	25414	14959	0.440	0.280 #
Total	Aroclor-1260			121076	85895	2.996	2.364
Average	Aroclor-1260					0.999	0.788
26) L8	Aroclor-1268	0.00	23.32	0	3960	N.D.	0.922 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.12	0	2221	N.D.	NoCal
Total	Aroclor-1268			0	3960	N.D.	0.922
Average	Aroclor-1268					0.000	0.922

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

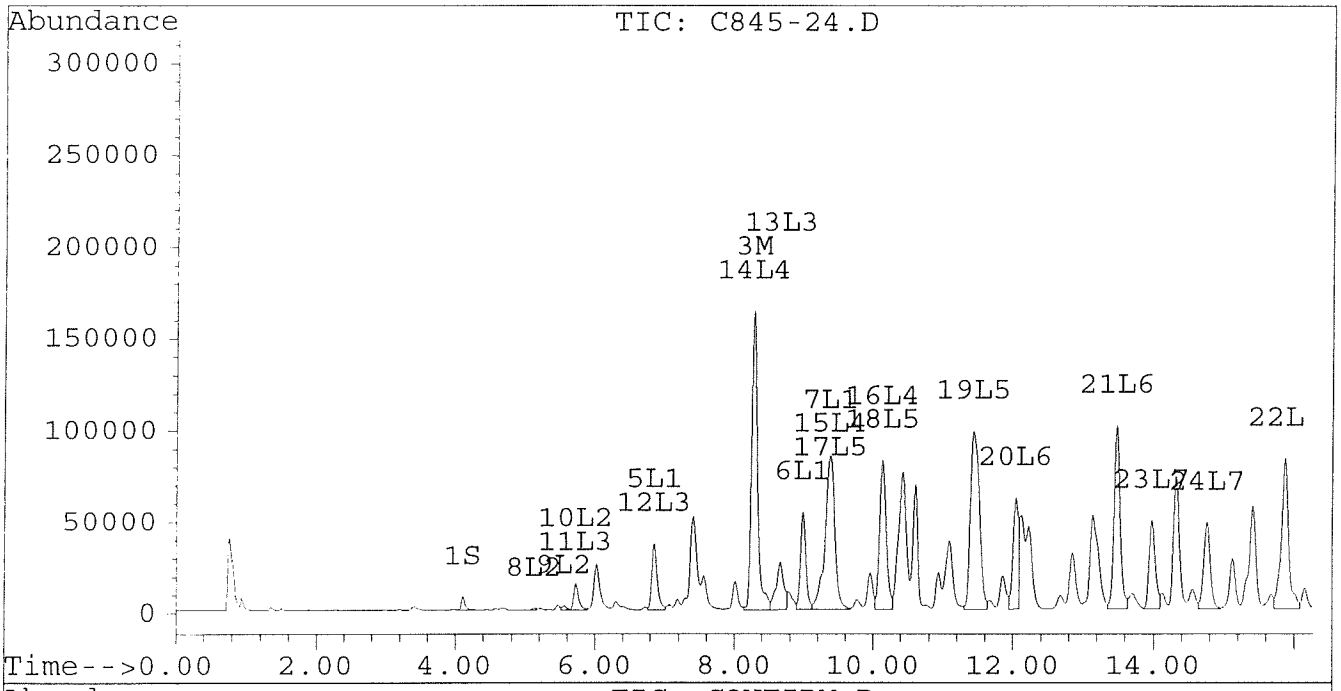
0345

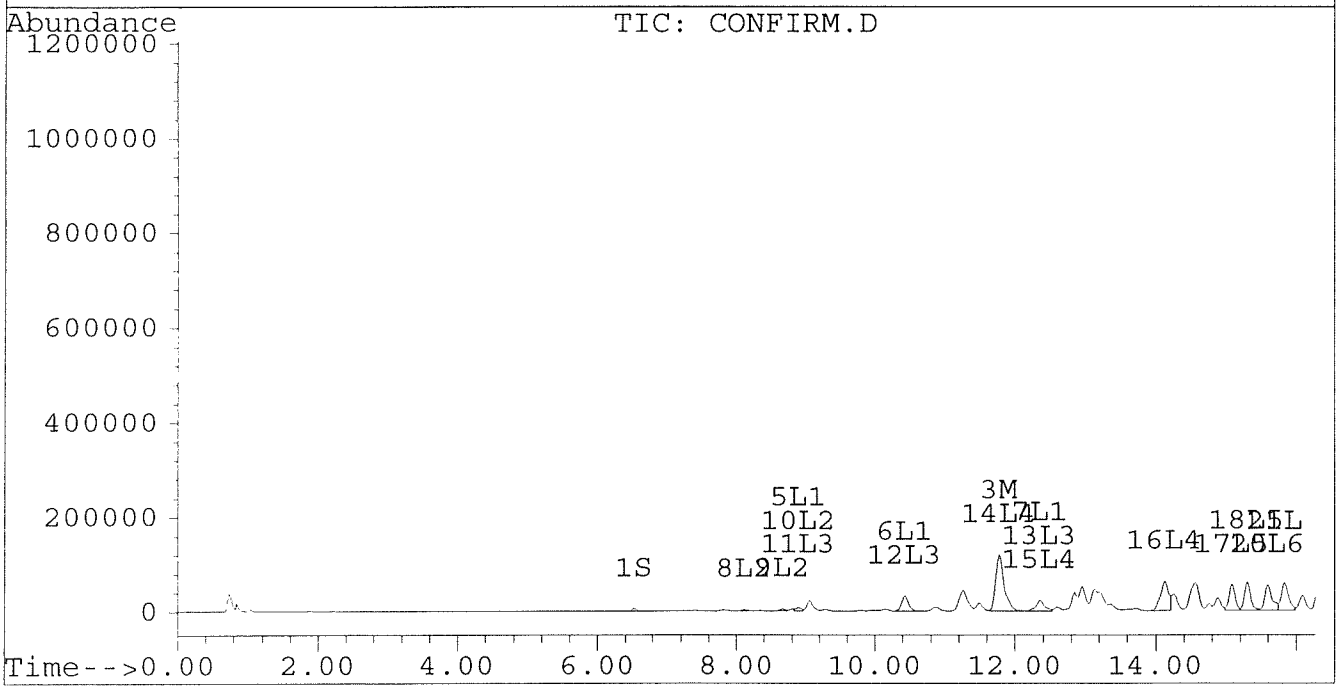
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-24.D Vial: 49
Signal #2 : D:\HPCHEM\5\AU26A\C845-24.D\CONFIRM.D
Acq On : 27 Aug 96 10:37 PM Operator: JS
Sample : VHB/ PQ5 Inst : ECD1
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 23:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0343

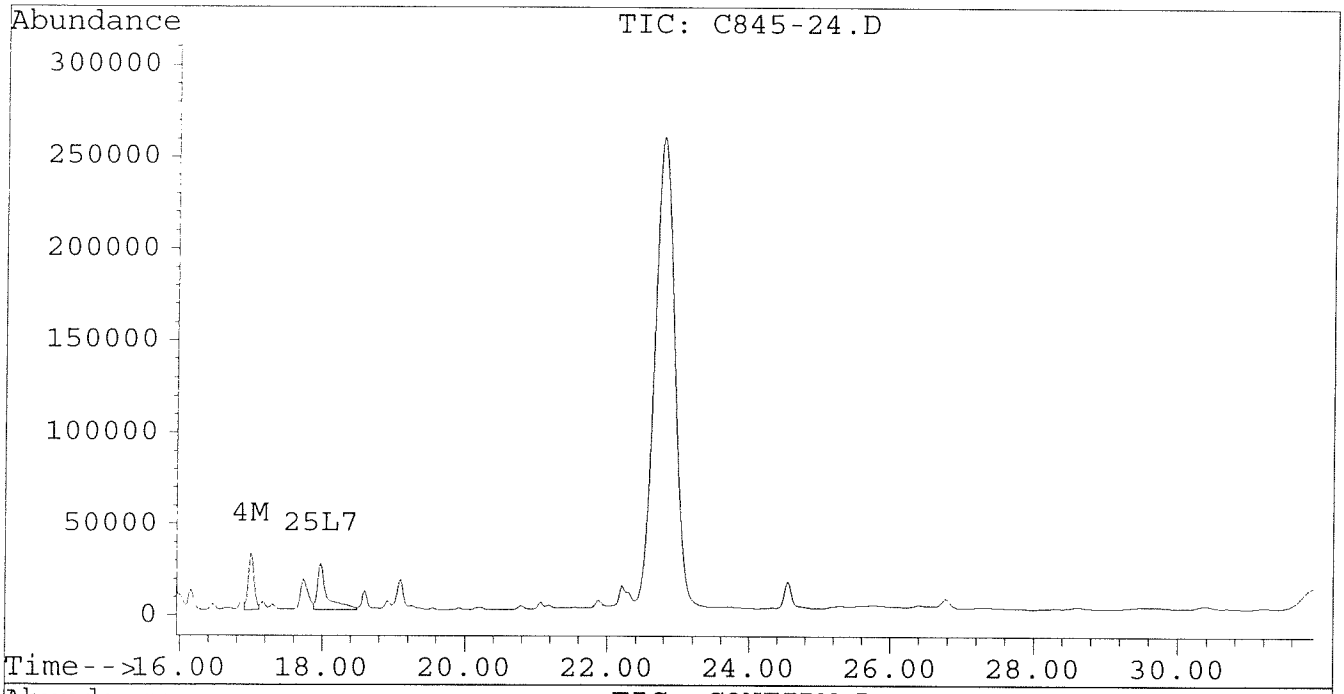
Quantitation Report

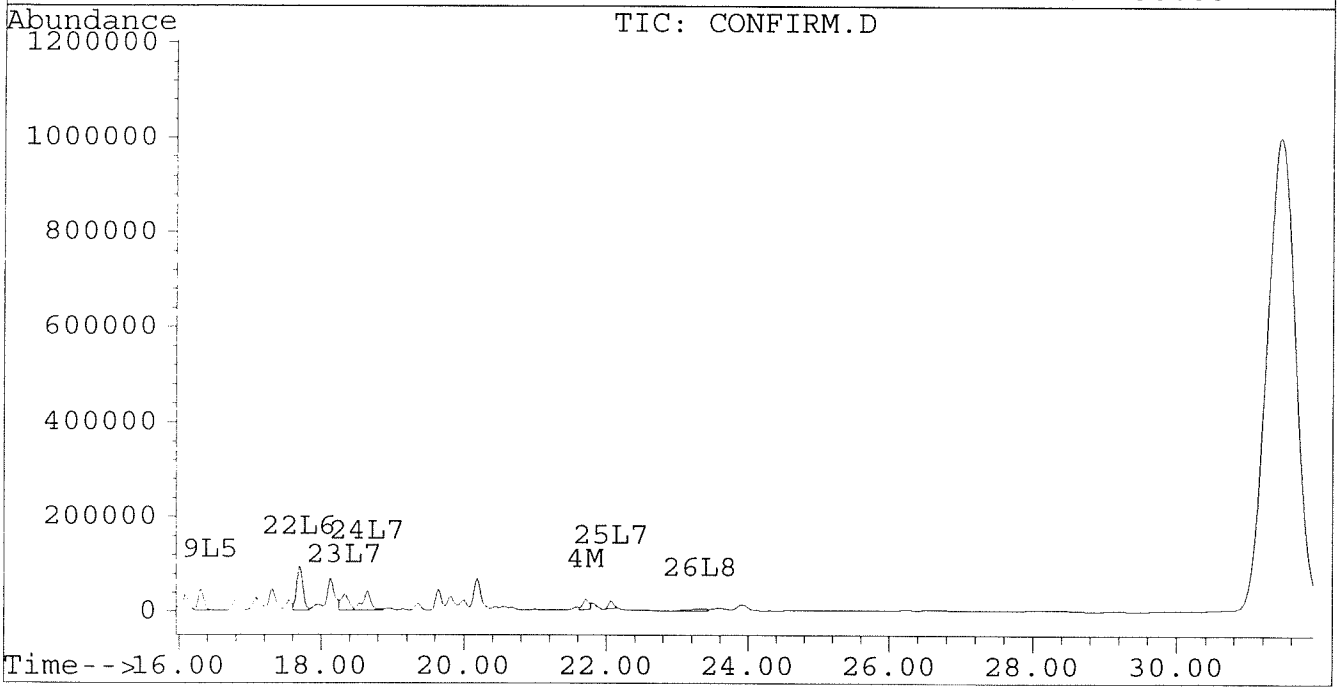
Signal #1 : D:\HPCHEM\5\AU26A\C845-24.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-24.D\CONFIRM.D
Acq On : 27 Aug 96 10:37 PM
Sample : VHB/ PQ5
Misc : 30.2G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Aug 27 23:11 1996

Vial: 49
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-24A.D Vial: 92
Signal #2 : D:\HPCHEM\5\AU29\C845-24A.D\CONFIRM.D
Acq On : 01 Sep 96 04:27 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 17:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds					75		
1)	S Tetrachloro-m-xylen	4.11	6.53	1386	1184	0.006	0.006	
				Recovery	=	15.00%	15.00%	
2)	S Decachlorobiphenyl	22.29	0.00	1007	0	0.005	N.D.	#
				Recovery	=	12.50%	0.00%	
						62.5%		
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	41685	29781	0.381	0.311	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	6588	4126	0.035	0.026	#
5)	L1 Aroclor-1016	6.85	8.90	9547	1832	0.298	0.136	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	12419	8604	0.708	0.308	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	23043	5541	0.889	0.321	#
	Total Aroclor-1016			45008	15976	1.895	0.765	
	Average Aroclor-1016					0.632	0.255	
8)	L2 Aroclor-1221	5.13	8.12	233	655	0.033	0.107	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	502	933	0.086	0.191	#
10)	L2 Aroclor-1221 {3}	5.73	8.90	3319	1832	0.164	0.119	#
	Total Aroclor-1221			4054	3419	0.284	0.418	
	Average Aroclor-1221					0.095	0.139	
11)	L3 Aroclor-1232	5.73	8.90	3319	1832	0.182	0.128	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	9547	8604	0.700	0.716	
13)	L3 Aroclor-1232 {3}	8.66	12.36	6246	5541	0.755	0.799	
	Total Aroclor-1232			19112	15976	1.636	1.643	
	Average Aroclor-1232					0.545	0.548	
14)	L4 Aroclor-1242	8.27	11.78	41685	29781	1.007	0.999	
15)	L4 Aroclor-1242 {2}	9.38	12.36	23043	5541	1.184	0.419	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	21051	16333	1.246	1.228	
	Total Aroclor-1242			85779	51655	3.437	2.646	
	Average Aroclor-1242					1.146	0.882	
17)	L5 Aroclor-1248	9.38	15.08	23043	13429	0.724	0.596	
18)	L5 Aroclor-1248 {2}	10.13	15.30	21051	14157	0.769	0.606	
19)	L5 Aroclor-1248 {3}	11.43	16.31	25343	8961	0.728	0.502	#
	Total Aroclor-1248			69438	36548	2.221	1.704	
	Average Aroclor-1248					0.740	0.568	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0345

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-24A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-24A.D\CONFIRM.D
Acq On : 01 Sep 96 04:27 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 17:01 1996

Vial: 92
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	16117	14086	0.516	0.521
21) L6 Aroclor-1254 {2}	13.48	15.83	25221	15411	0.584	0.530
22) L6 Aroclor-1254 {3}	15.87	17.69	19485	22854	0.607	0.574
Total Aroclor-1254			60824	52351	1.707	1.625
Average Aroclor-1254					0.569	0.542
23) L7 Aroclor-1260	13.97	18.32	11931	8485	0.344	0.265
24) L7 Aroclor-1260 {2}	14.76	18.64	11456	9770	0.282	0.272
25) L7 Aroclor-1260 {3}	17.97	22.06	5174	3108	0.090	0.058 #
Total Aroclor-1260			28562	21363	0.715	0.595
Average Aroclor-1260					0.238	0.198
26) L8 Aroclor-1268	0.00	23.33	0	18218	N.D.	4.242 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.11	0	410	N.D.	NoCal
Total Aroclor-1268			0	18218	N.D.	4.242
Average Aroclor-1268					0.000	4.242

AR1242

$$\frac{2.191 \times 10}{0.0302 \times .891 \times .666} \times 5 = 6,119$$

(6100)

AR1254

$$\frac{1.19 \times 10}{0.0302 \times .89 \times .666} \times 5 = 3,326$$

3300

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

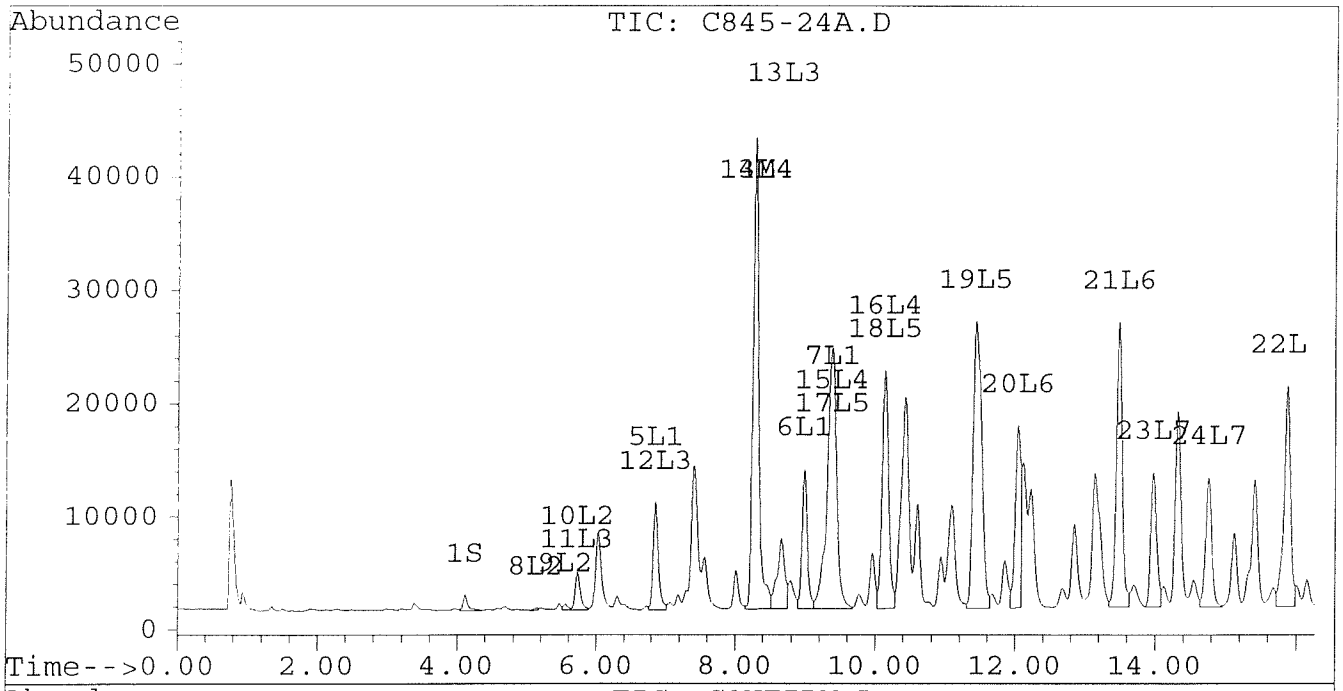
Quantitation Report

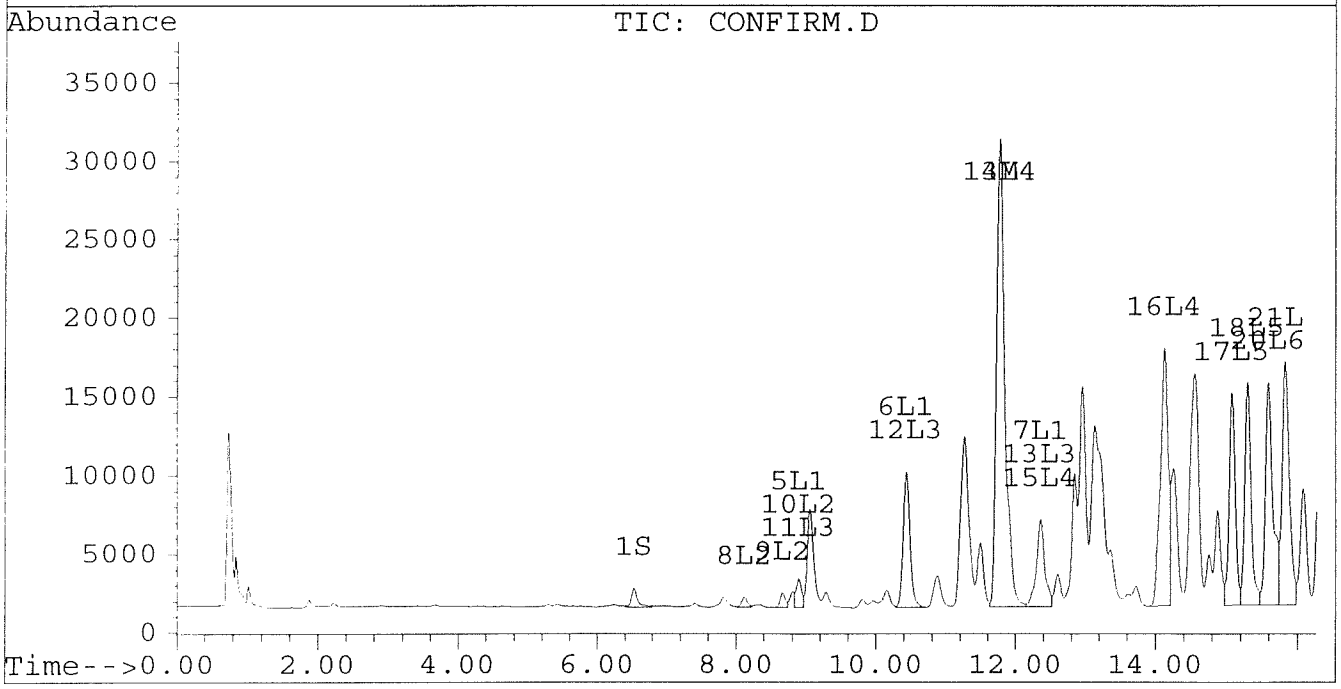
Signal #1 : D:\HPCHEM\5\AU29\C845-24A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-24A.D\CONFIRM.D
Acq On : 01 Sep 96 04:27 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 17:01 1996

Vial: 92
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





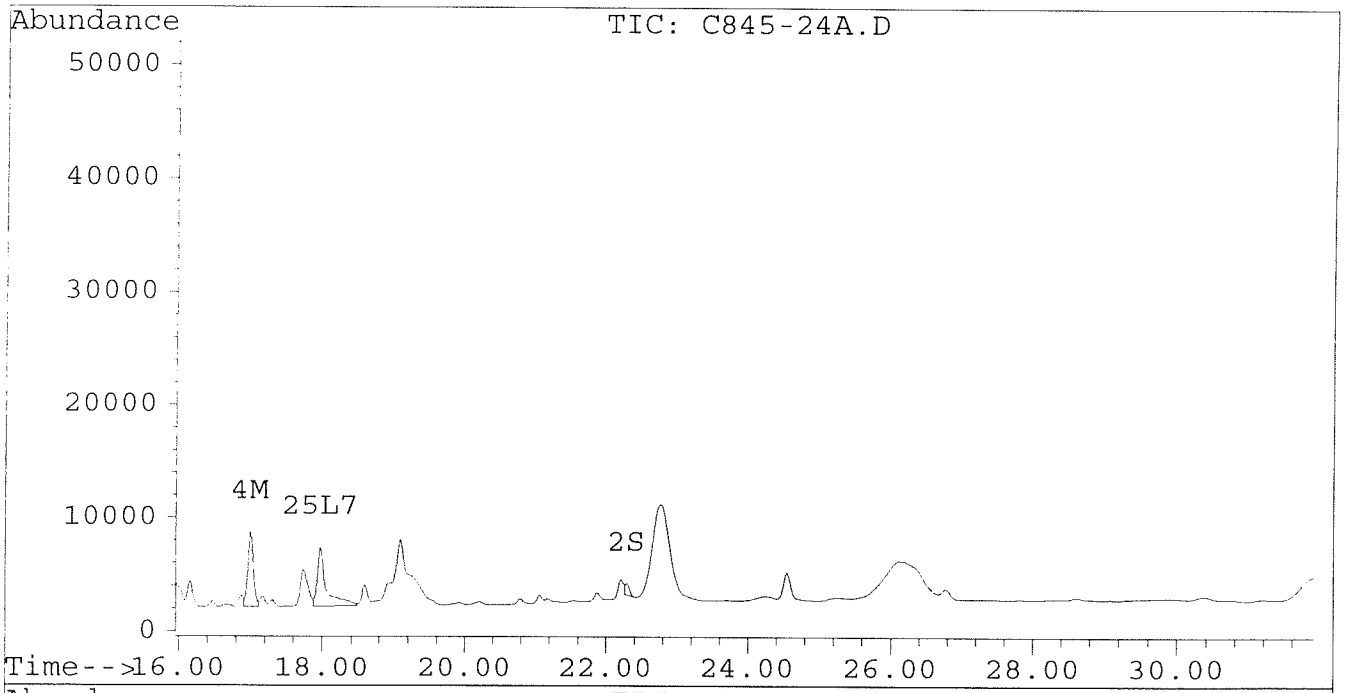
Quantitation Report

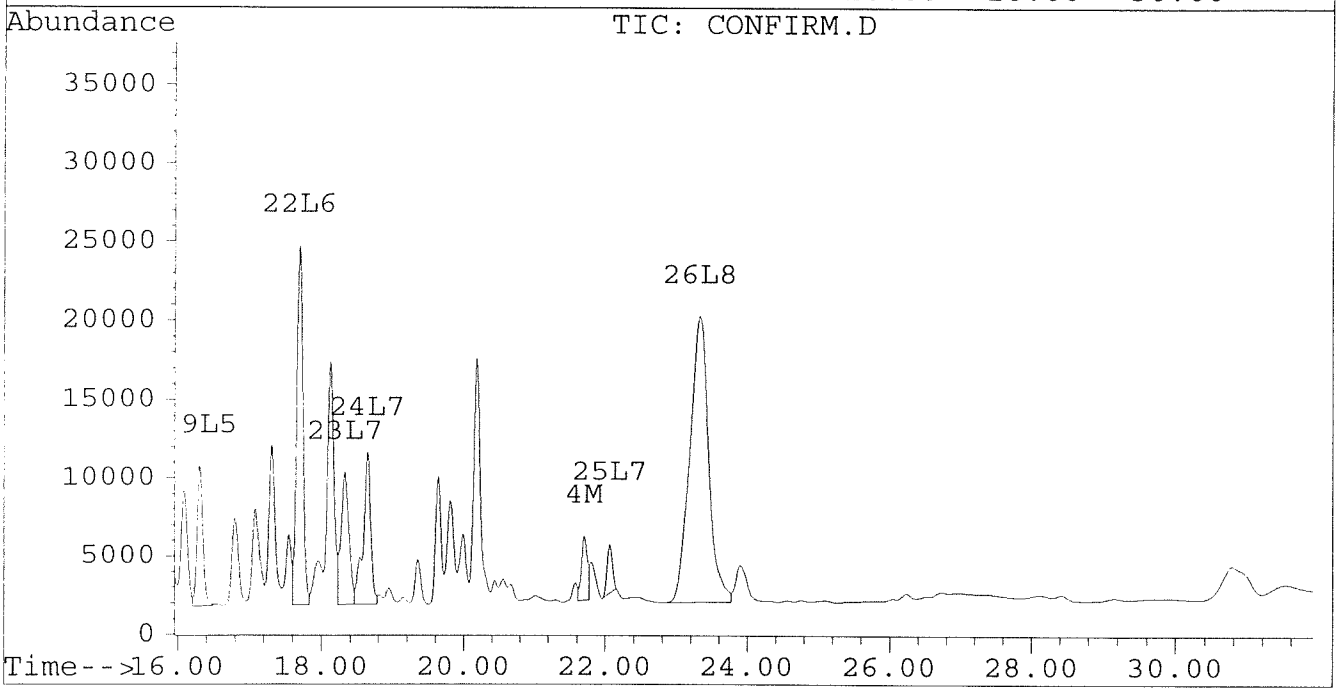
Signal #1 : D:\HPCHEM\5\AU29\C845-24A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-24A.D\CONFIRM.D
Acq On : 01 Sep 96 04:27 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 17:01 1996

Vial: 92
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0348

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-25.D Vial: 50
Signal #2 : D:\HPCHEM\5\AU26A\C845-25.D\CONFIRM.D
Acq On : 27 Aug 96 11:13 PM Operator: JS
Sample : VHB/ PQ6 Inst : ECD1
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 23:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.11	6.53	9385	8167	0.039	0.043
					Recovery	=	97.50%	107.50%
2)	S	Decachlorobiphenyl	22.30	0.00	7030	0	0.033	N.D. #
					Recovery	=	82.50%	0.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.27	11.78	241803	175024	2.208	1.827
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	44470	32270	0.238	0.206
5)	L1	Aroclor-1016	6.85	8.90	56578	13430	1.767	0.998 #
6)	L1	Aroclor-1016 {2}	8.99	10.43	80894	49034	4.612	1.756 #
7)	L1	Aroclor-1016 {3}	9.38	12.36	118224	34777	4.560	2.015 #
		Total Aroclor-1016			255696	97241	10.939	4.769
		Average Aroclor-1016					3.646	1.590
8)	L2	Aroclor-1221	5.13	8.11	1943	14770	0.277	2.415 #
9)	L2	Aroclor-1221 {2}	0.00	8.67	0	26989	N.D.	5.533 #
10)	L2	Aroclor-1221 {3}	5.71	8.90	46716	13430	2.312	0.875 #
		Total Aroclor-1221			48659	55189	2.589	8.823
		Average Aroclor-1221					1.295	2.941
11)	L3	Aroclor-1232	5.71	8.90	46716	13430	2.561	0.937 #
12)	L3	Aroclor-1232 {2}	6.85	10.43	56578	49034	4.146	4.081
13)	L3	Aroclor-1232 {3}	8.66	12.36	39026	34777	4.715	5.015
		Total Aroclor-1232			142320	97241	11.421	10.034
		Average Aroclor-1232					3.807	3.345
14)	L4	Aroclor-1242	8.27	11.78	241803	175024	5.840	5.873
15)	L4	Aroclor-1242 {2}	9.38	12.36	118224	34777	6.077	2.632 #
16)	L4	Aroclor-1242 {3}	10.13	14.13	113518	88761	6.719	6.671
		Total Aroclor-1242			473545	298562	18.635	15.176
		Average Aroclor-1242					6.212	5.059
17)	L5	Aroclor-1248	9.38	15.08	118224	83208	3.715	3.694
18)	L5	Aroclor-1248 {2}	10.13	15.30	113518	85785	4.144	3.675
19)	L5	Aroclor-1248 {3}	11.43	16.31	142243	62044	4.088	3.475
		Total Aroclor-1248			373985	231037	11.947	10.843
		Average Aroclor-1248					3.982	3.614

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-25.D Vial: 50
Signal #2 : D:\HPCHEM\5\AU26A\C845-25.D\CONFIRM.D
Acq On : 27 Aug 96 11:13 PM Operator: JS
Sample : VHB/ PQ6 Inst : ECD1
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 23:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	87863	76975	2.813	2.849
21) L6 Aroclor-1254 {2}	13.48	15.83	146416	84005	3.390	2.887
22) L6 Aroclor-1254 {3}	15.87	17.69	118284	134706	3.683	3.382
Total Aroclor-1254			352564	295686	9.887	9.118
Average Aroclor-1254					3.296	3.039
23) L7 Aroclor-1260	13.98	18.32	68630	46034	1.978	1.440 #
24) L7 Aroclor-1260 {2}	14.76	18.64	63360	56063	1.558	1.559
25) L7 Aroclor-1260 {3}	17.97	22.06	34843	21439	0.603	0.401 #
Total Aroclor-1260			166833	123535	4.139	3.399
Average Aroclor-1260					1.380	1.133
26) L8 Aroclor-1268	0.00	23.32	0	3604	N.D.	0.839 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.13	0	1808	N.D.	NoCal
Total Aroclor-1268			0	3604	N.D.	0.839
Average Aroclor-1268					0.000	0.839

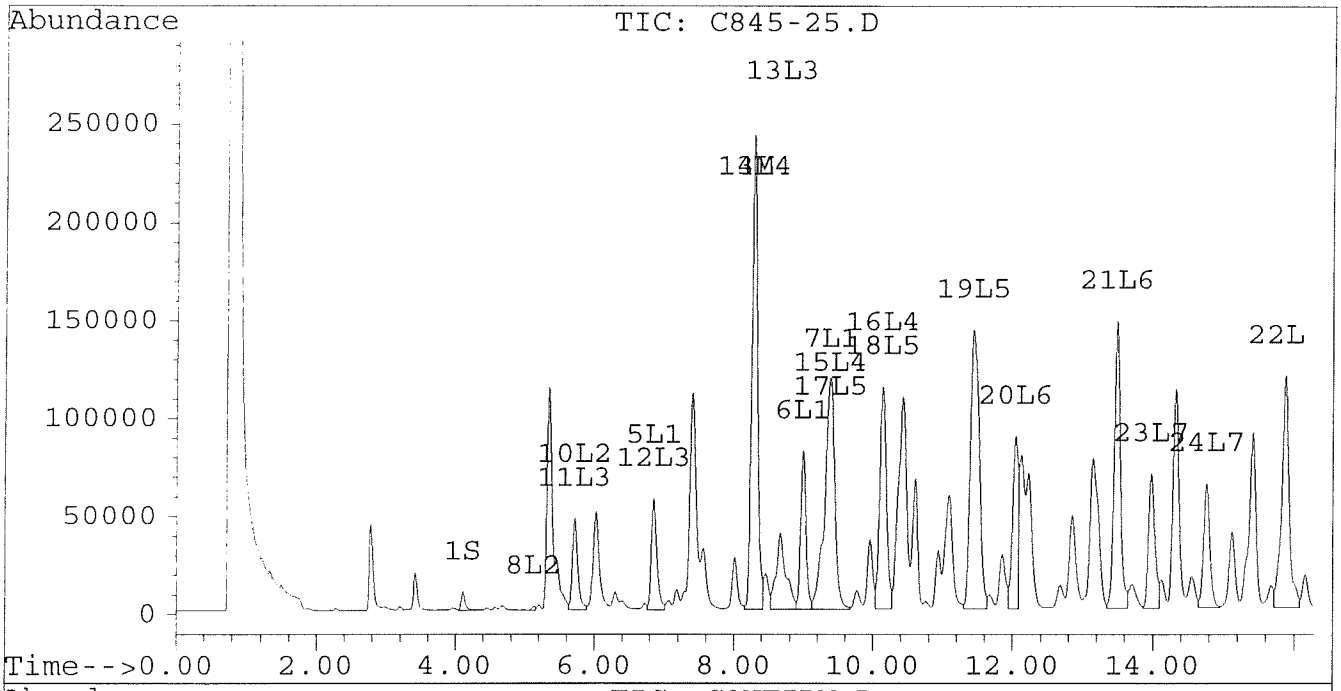
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

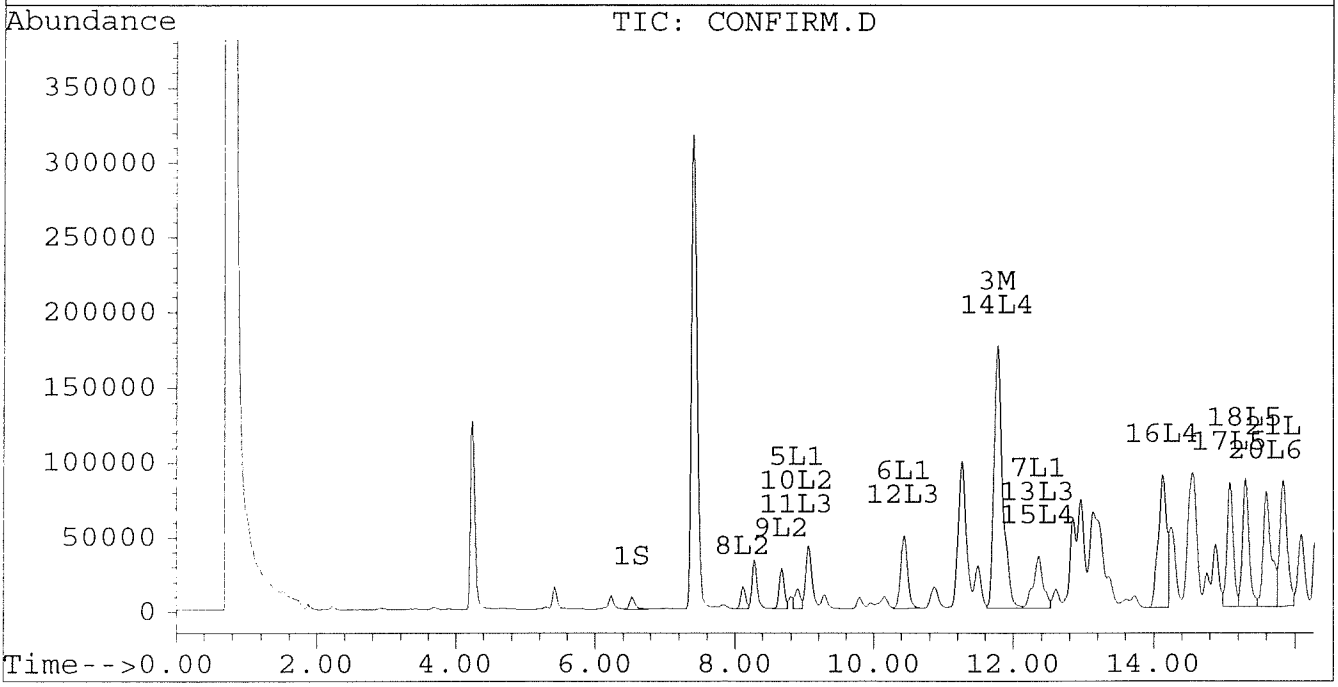
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-25.D Vial: 50
Signal #2 : D:\HPCHEM\5\AU26A\C845-25.D\CONFIRM.D
Acq On : 27 Aug 96 11:13 PM Operator: JS
Sample : VHB/ PQ6 Inst : ECD1
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 23:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0351

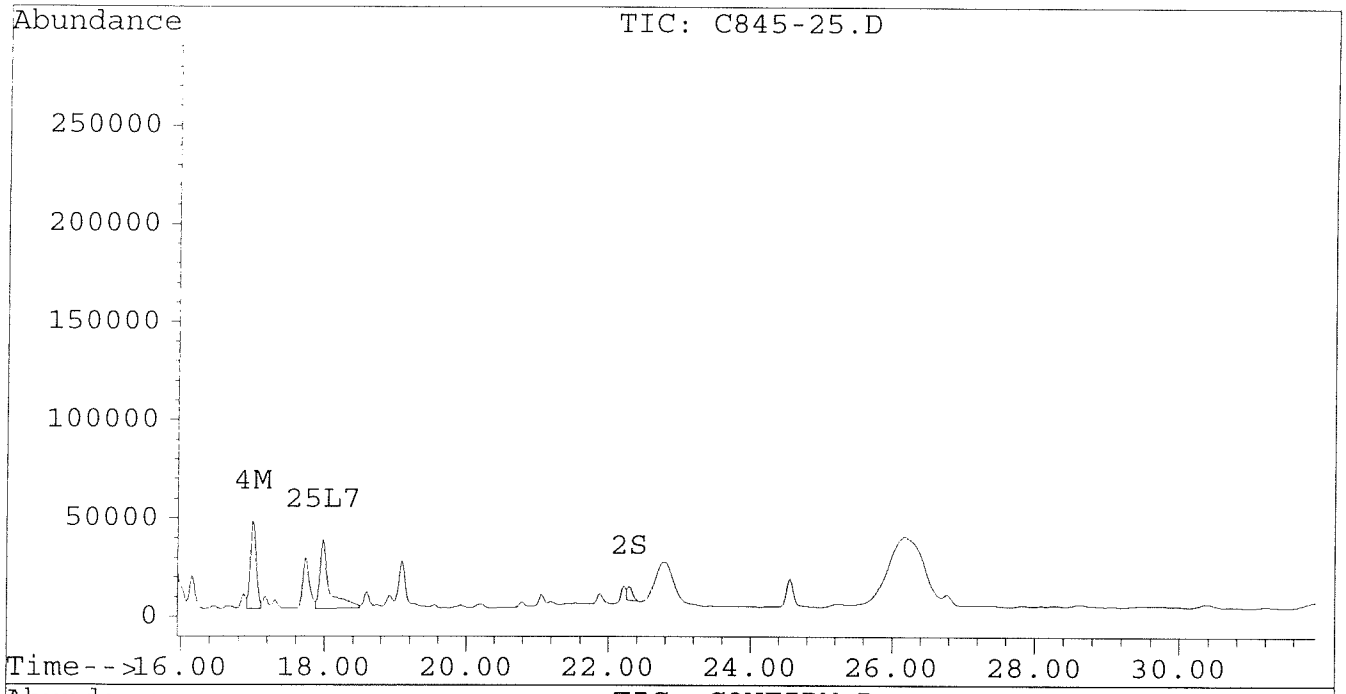
Quantitation Report

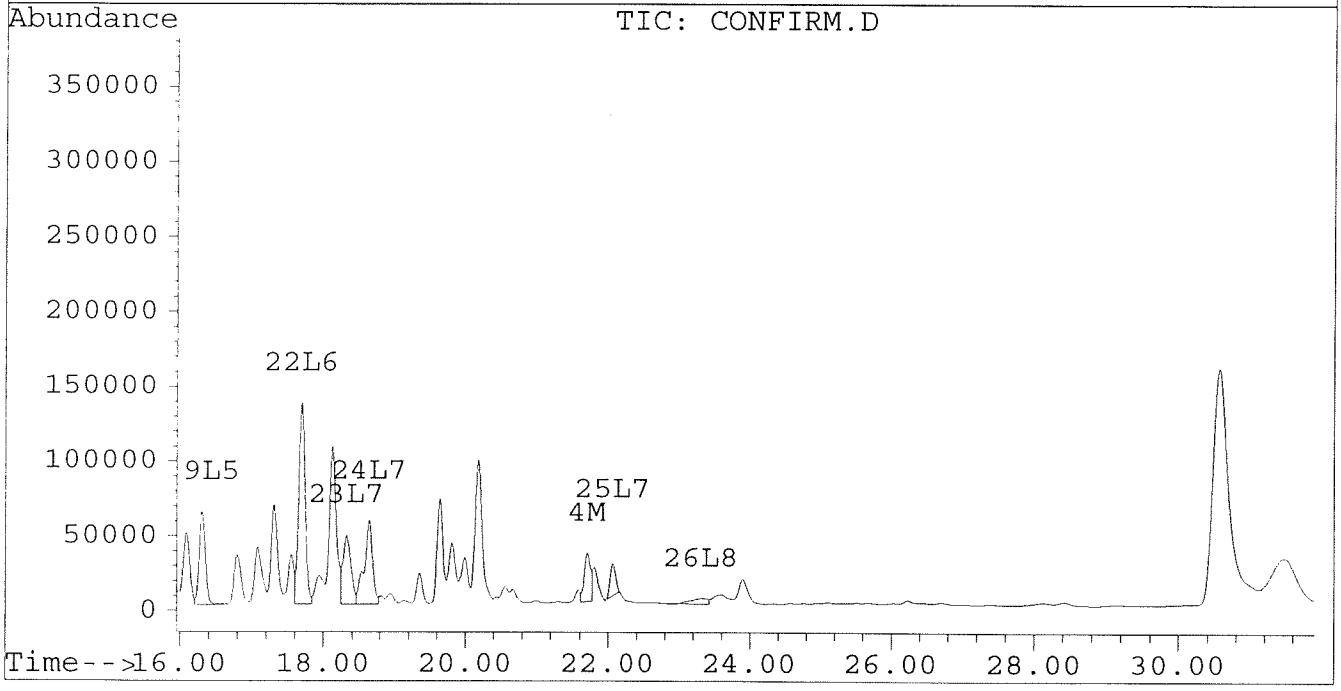
Signal #1 : D:\HPCHEM\5\AU26A\C845-25.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-25.D\CONFIRM.D
Acq On : 27 Aug 96 11:13 PM
Sample : VHB/ PQ6
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Aug 27 23:47 1996

Vial: 50
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Data File : D:\HPCHEM\5\SE3\C845-25D.D Vial: 53
Acq On : 05 Sep 96 08:41 AM Operator: JS
Sample : VHB / PQ6 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00

Data File : D:\HPCHEM\5\SE3\C845-25D.D\CONFIRM.D Vial: 53
Acq On : 05 Sep 96 08:41 AM Operator: JS
Sample : VHB / PQ6 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.46	907	864	0.004	0.005
					Recovery	=	10.00%	12.50%
2)	S	Decachlorobiphenyl	22.19	0.00	709	0	0.003	N.D. #
					Recovery	=	7.50%	0.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.69	33037	23081	0.302	0.241
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.60	5039	3273	0.027	0.021
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1016			0	0	N.D.	N.D.
	Average	Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.14	0.00	269	0	0.038	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			269	0	0.038	N.D.
	Average	Aroclor-1221					0.038	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.71f	0.00	2205	0	0.266	N.D. #
	Total	Aroclor-1232			2205	0	0.266	N.D.
	Average	Aroclor-1232					0.266	0.000
14)	L4	Aroclor-1242	8.20	11.69	33037	23081	0.798	0.774
15)	L4	Aroclor-1242 {2}	9.30	12.27	18734	4544	0.963	0.344 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	16639	13262	0.985	0.997
	Total	Aroclor-1242			68410	40887	2.746	2.115
	Average	Aroclor-1242					0.915	0.705

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0353

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-25D.D Vial: 53
Signal #2 : D:\HPCHEM\5\SE3\C845-25D.D\CONFIRM.D
Acq On : 05 Sep 96 08:41 AM Operator: JS
Sample : VHB / PQ6 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
20) L6 Aroclor-1254	11.96	15.50	13157	11540	0.421	0.427
21) L6 Aroclor-1254 {2}	13.40	15.74	20057	12709	0.464	0.437
22) L6 Aroclor-1254 {3}	15.78	17.60	15233	18853	0.474	0.473
Total Aroclor-1254			48447	43103	1.360	1.337
Average Aroclor-1254					0.453	0.446
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	639	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	2232	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	450	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$$\frac{1.761 \times 10}{0.0303 \times .9 \times .666} \times 10 = 9696$$

9700

AR1254

$$\frac{0.938 \times 10}{0.0303 \times .9 \times .666} \times 10 = 3439$$

3400

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

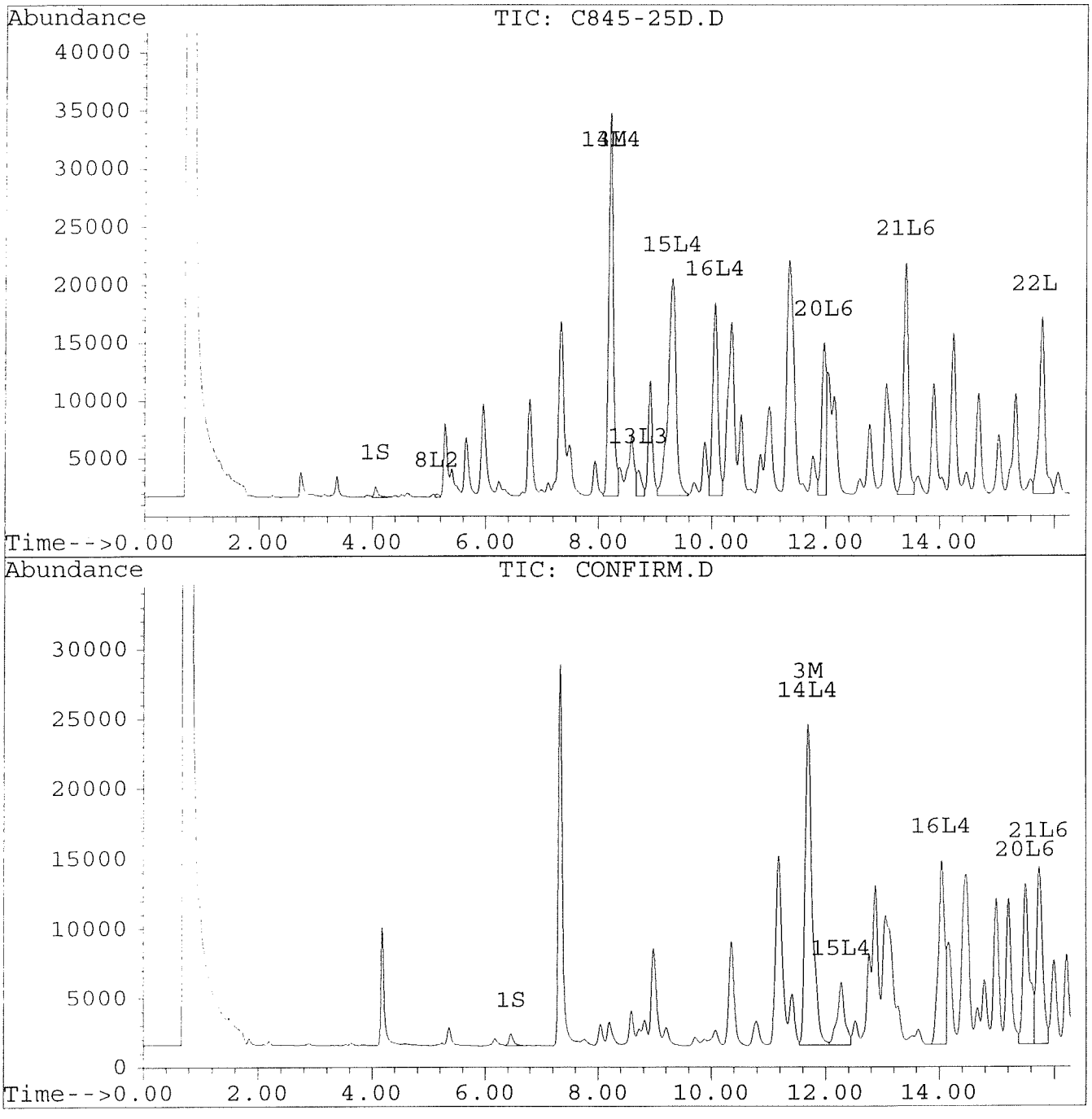
0354

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-25D.D Vial: 53
Signal #2 : D:\HPCHEM\5\SE3\C845-25D.D\CONFIRM.D
Acq On : 05 Sep 96 08:41 AM Operator: JS
Sample : VHB / PQ6 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 9:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



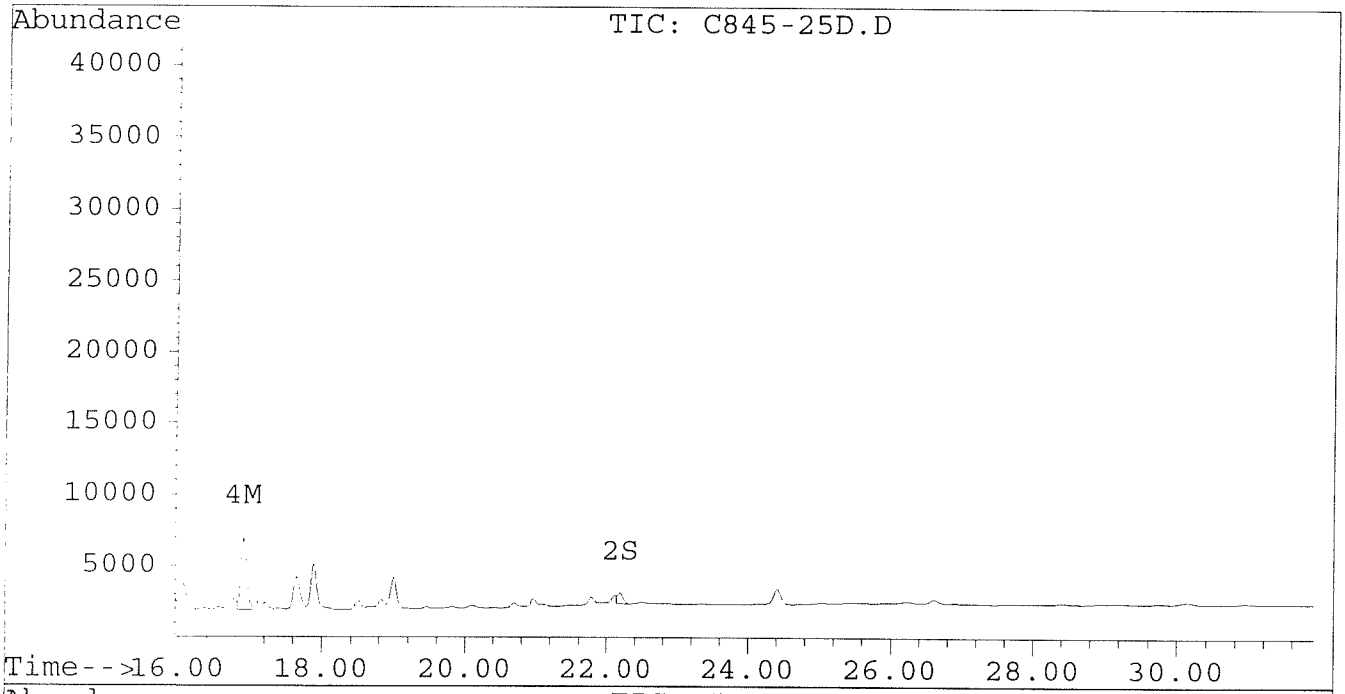
Quantitation Report

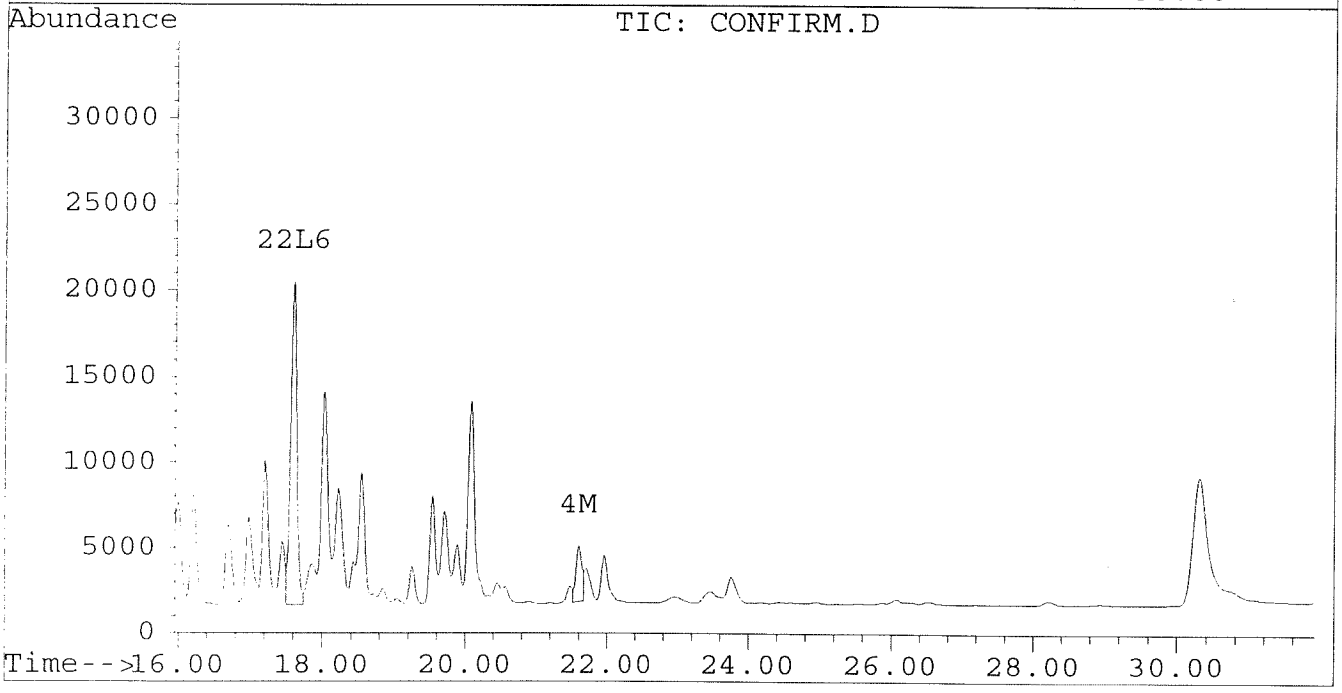
Signal #1 : D:\HPCHEM\5\SE3\C845-25D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-25D.D\CONFIRM.D
Acq On : 05 Sep 96 08:41 AM
Sample : VHB / PQ6 1:10 DILUTION
Misc : 30.3G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Sep 5 9:15 1996

Vial: 53
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0356

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-26B.D Vial: 36
Signal #2 : D:\HPCHEM\5\SE3\C845-26B.D\CONFIRM.D
Acq On : 04 Sep 96 12:31 PM Operator: JS
Sample : VHB/ PR4 1:25 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82 % SOLID Multiplr: 1.00
Quant Time: Sep 4 13:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	435	288	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	45187	33143	0.413	0.346
4) M	2,2',3,3',4,4'-Hexa	16.93	21.60	6715	3273	0.036	0.021 #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			0	0	N.D.	N.D.
Average	Aroclor-1221					0.000	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.71	0.00	2531	0	0.306	N.D. #
Total	Aroclor-1232			2531	0	0.306	N.D.
Average	Aroclor-1232					0.306	0.000
14) L4	Aroclor-1242	8.20	11.69	45187	33143	1.091	1.112
15) L4	Aroclor-1242 {2}	9.30	12.27	23606	6182	1.213	0.468 #
16) L4	Aroclor-1242 {3}	10.05	14.04	21324	16792	1.262	1.262
Total	Aroclor-1242			90117	56117	3.567	2.842
Average	Aroclor-1242					1.189	0.947
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-26B.D Vial: 36
Signal #2 : D:\HPCHEM\5\SE3\C845-26B.D\CONFIRM.D
Acq On : 04 Sep 96 12:31 PM Operator: JS
Sample : VHB/ PR4 1:25 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82 % SOLID Multiplr: 1.00
Quant Time: Sep 4 13:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	13936	13433	0.446	0.497
21) L6 Aroclor-1254 {2}	13.40	15.74	20949	13485	0.485	0.463
22) L6 Aroclor-1254 {3}	15.78	17.60	15330	19280	0.477	0.484
Total Aroclor-1254			50215	46198	1.409	1.445
Average Aroclor-1254					0.470	0.482
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	630	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	2310	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	376	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.304 \times 10}{0.0304 \times .89 \times .666} \times 25 = 3196.5$

32000

AR1254

$\frac{0.962 \times 10}{0.0304 \times .89 \times .666} \times 25 = 13,346$

13000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
C845-26B.D PCB1G.M Wed Sep 04 13:05:41 1996 HPPC Page 2

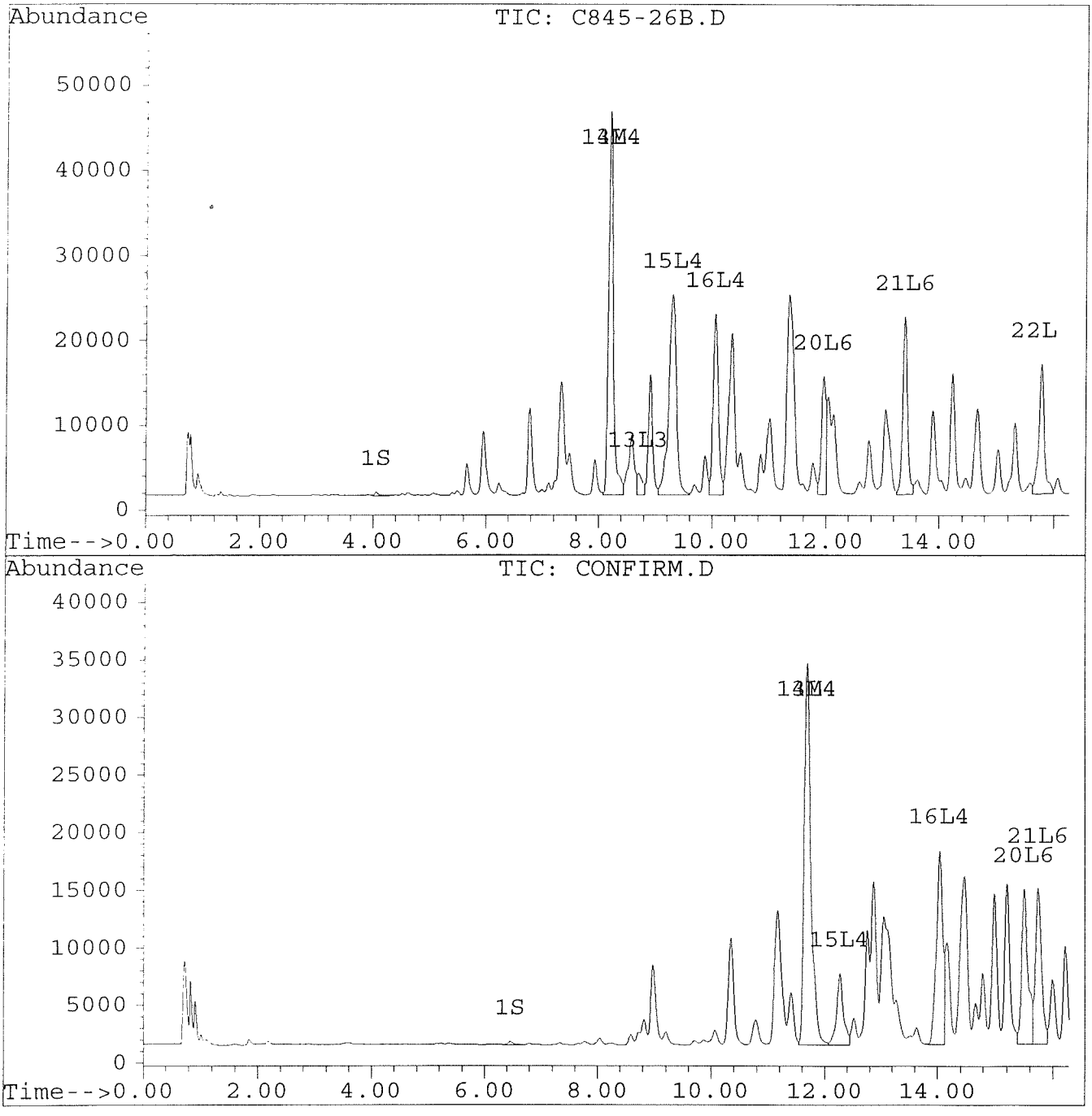
0358

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-26B.D Vial: 36
Signal #2 : D:\HPCHEM\5\SE3\C845-26B.D\CONFIRM.D
Acq On : 04 Sep 96 12:31 PM Operator: JS
Sample : VHB/ PR4 1:25 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82 % SOLID Multiplr: 1.00
Quant Time: Sep 4 13:05 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0359

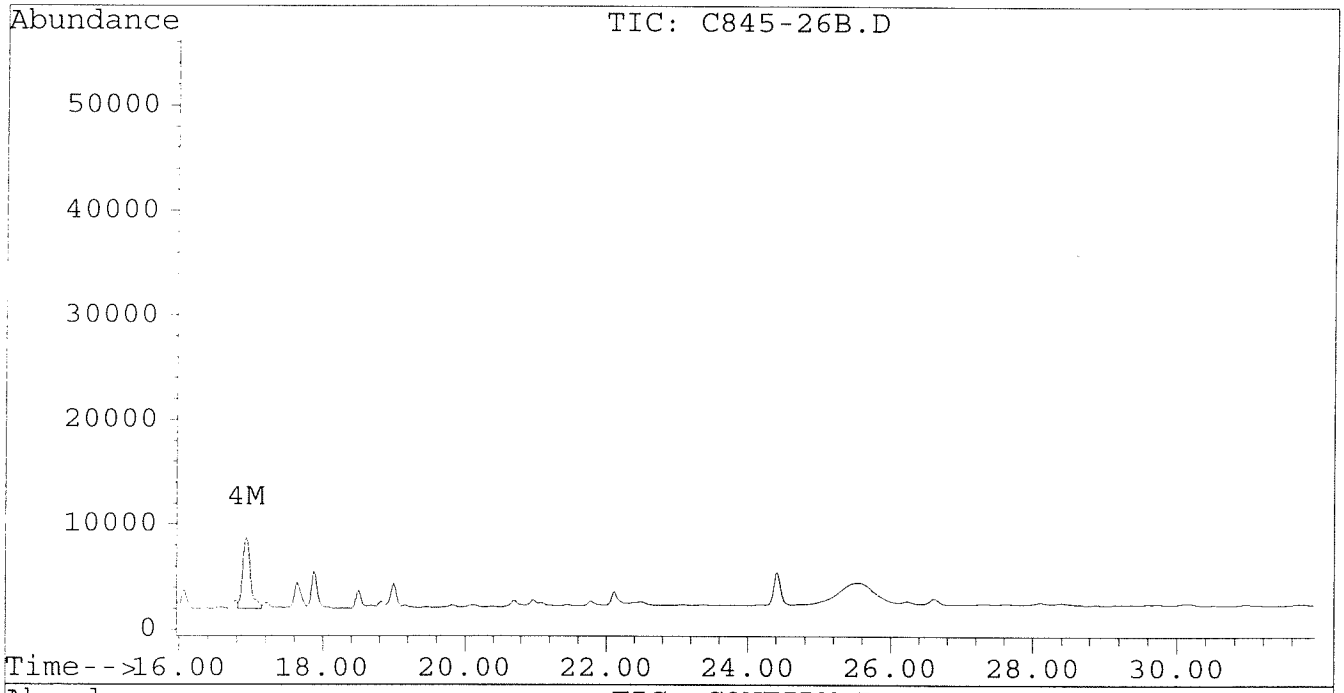
Quantitation Report

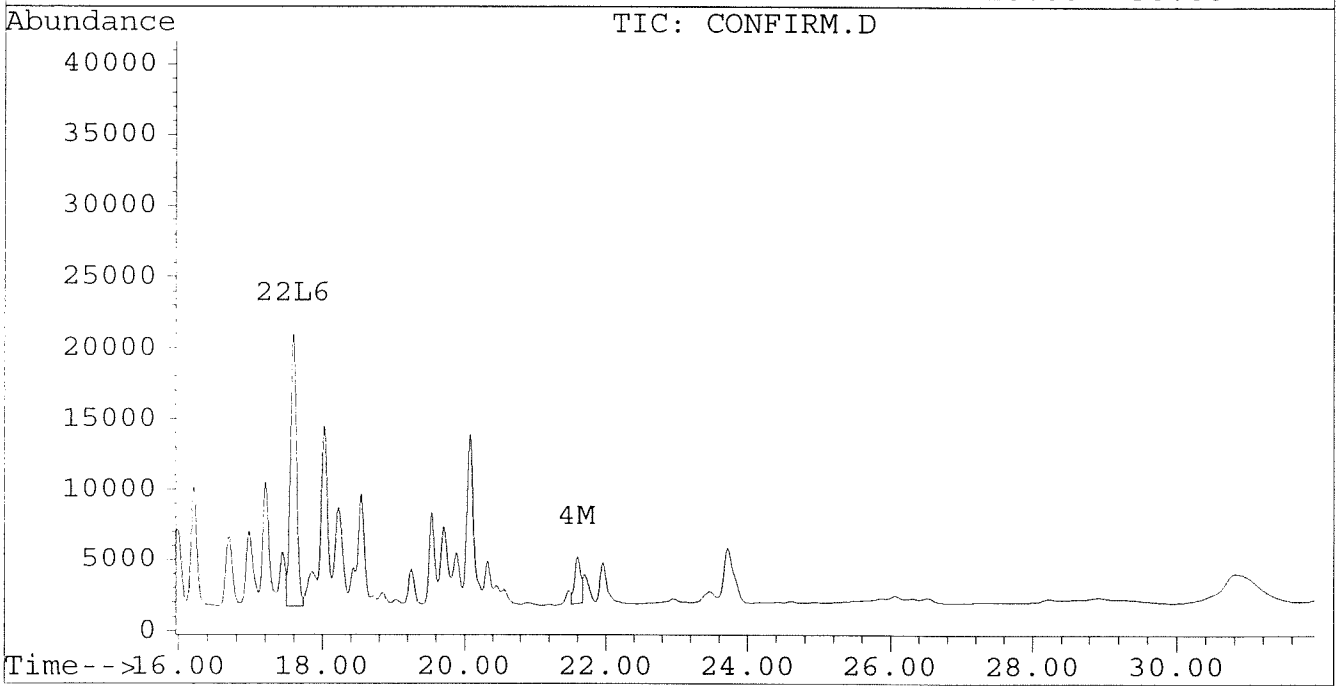
Signal #1 : D:\HPCHEM\5\SE3\C845-26B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-26B.D\CONFIRM.D
Acq On : 04 Sep 96 12:31 PM
Sample : VHB/ PR4 1:25 DILUTION
Misc : 30.4G/10ML 82 % SOLID
Quant Time: Sep 4 13:05 1996

Vial: 36
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-26.D Vial: 51
Signal #2 : D:\HPCHEM\5\AU26A\C845-26.D\CONFIRM.D
Acq On : 27 Aug 96 11:48 PM Operator: JS
Sample : VHB/ PR4 Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 0:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

do not use this

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	12904	6595	0.054	0.035	#
				Recovery	=	135.00%	87.50%	
2)	S Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.	
				Recovery	=	0.00%	0.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	734154	548985	6.703	5.732	
4)	M 2,2',3,3',4,4'-Hexa	17.02	21.71	130234	81849	0.697	0.522	#
5)	L1 Aroclor-1016	6.85	8.90	151095	37054	4.719	2.754	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	255732	135280	14.580	4.845	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	338638	106756	13.061	6.186	#
	Total Aroclor-1016			745465	279090	32.359	13.785	
	Average Aroclor-1016					10.786	4.595	
8)	L2 Aroclor-1221	5.13	8.11	5511	14222	0.787	2.326	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	10104	22188	1.732	4.549	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	66358	37054	3.284	2.414	#
	Total Aroclor-1221			81973	73463	5.802	9.288	
	Average Aroclor-1221					1.934	3.096	
11)	L3 Aroclor-1232	5.72	8.90	66358	37054	3.638	2.586	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	151095	135280	11.071	11.260	
13)	L3 Aroclor-1232 {3}	8.66	12.36	121884	106756	14.725	15.396	
	Total Aroclor-1232			339337	279090	29.434	29.242	
	Average Aroclor-1232					9.811	9.747	
14)	L4 Aroclor-1242	8.27	11.78	734154	548985	17.730	18.420	
15)	L4 Aroclor-1242 {2}	9.38	12.36	338638	106756	17.406	8.078	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	326239	260043	19.309	19.545	
	Total Aroclor-1242			1399030	915785	54.446	46.044	
	Average Aroclor-1242					18.149	15.348	
17)	L5 Aroclor-1248	9.38	15.08	338638	228467	10.640	10.142	
18)	L5 Aroclor-1248 {2}	10.13	15.30	326239	251875	11.910	10.790	
19)	L5 Aroclor-1248 {3}	11.43	16.31	379564	185676	10.909	10.399	
	Total Aroclor-1248			1044441	666018	33.459	31.331	
	Average Aroclor-1248					11.153	10.444	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-26.D Vial: 51
Signal #2 : D:\HPCHEM\5\AU26A\C845-26.D\CONFIRM.D
Acq On : 27 Aug 96 11:48 PM Operator: JS
Sample : VHB/ PR4 Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 0:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	212267	213349	6.797	7.897
21) L6	Aroclor-1254 {2}	13.48	15.83	351346	205348	8.136	7.057
22) L6	Aroclor-1254 {3}	15.87	17.69	278636	330459	8.676	8.297
Total	Aroclor-1254			842249	749156	23.609	23.252
Average	Aroclor-1254					7.870	7.751
23) L7	Aroclor-1260	13.98	18.33	168118	112947	4.845	3.532 #
24) L7	Aroclor-1260 {2}	14.74	18.64	199976	133868	4.918	3.722
25) L7	Aroclor-1260 {3}	17.97	22.06	86937	55253	1.504	1.034 #
Total	Aroclor-1260			455031	302068	11.267	8.288
Average	Aroclor-1260					3.756	2.763
26) L8	Aroclor-1268	0.00	23.31	0	4065	N.D.	0.946 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	4065	N.D.	0.946
Average	Aroclor-1268					0.000	0.946

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

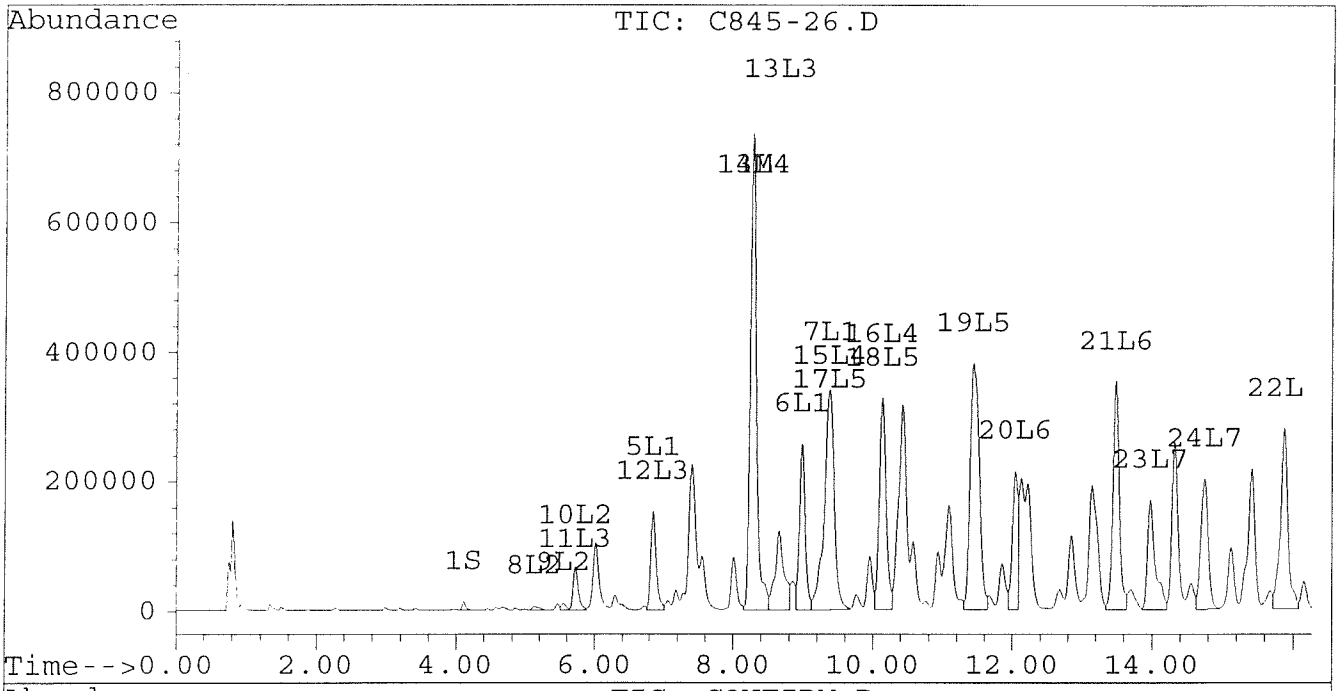
0202

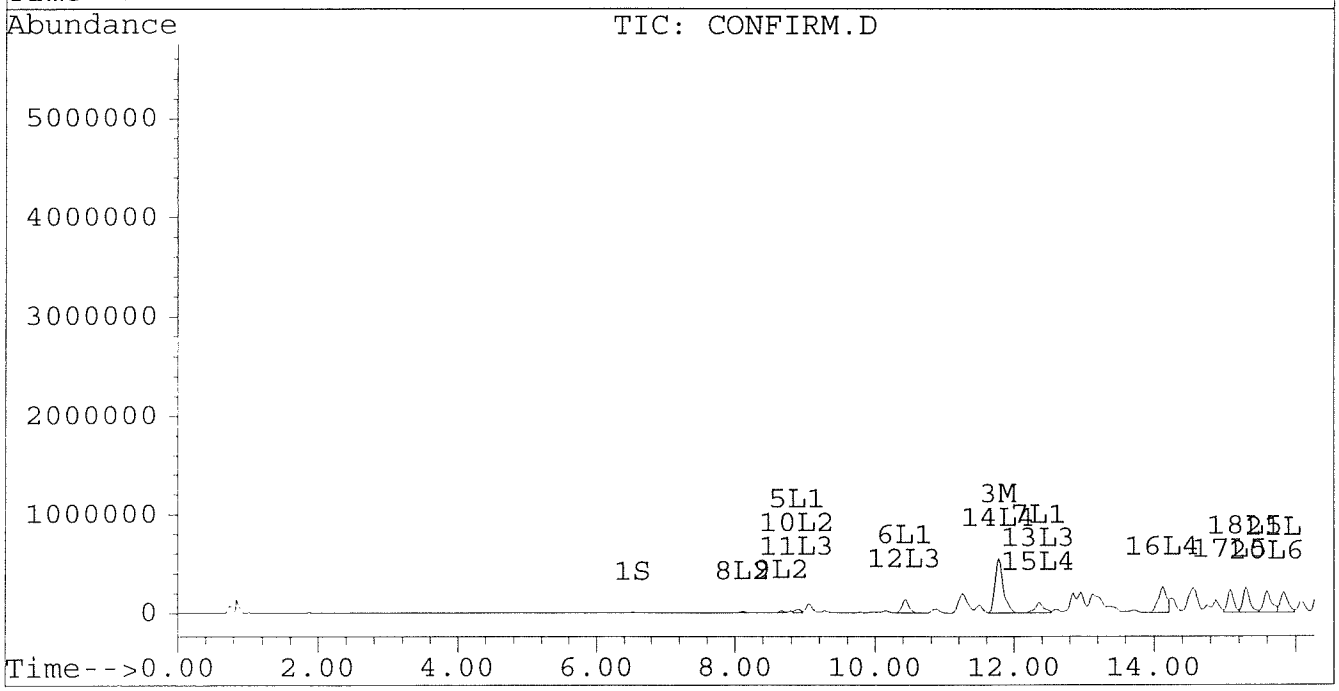
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-26.D Vial: 51
Signal #2 : D:\HPCHEM\5\AU26A\C845-26.D\CONFIRM.D
Acq On : 27 Aug 96 11:48 PM Operator: JS
Sample : VHB/ PR4 Inst : ECD1
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 0:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0363

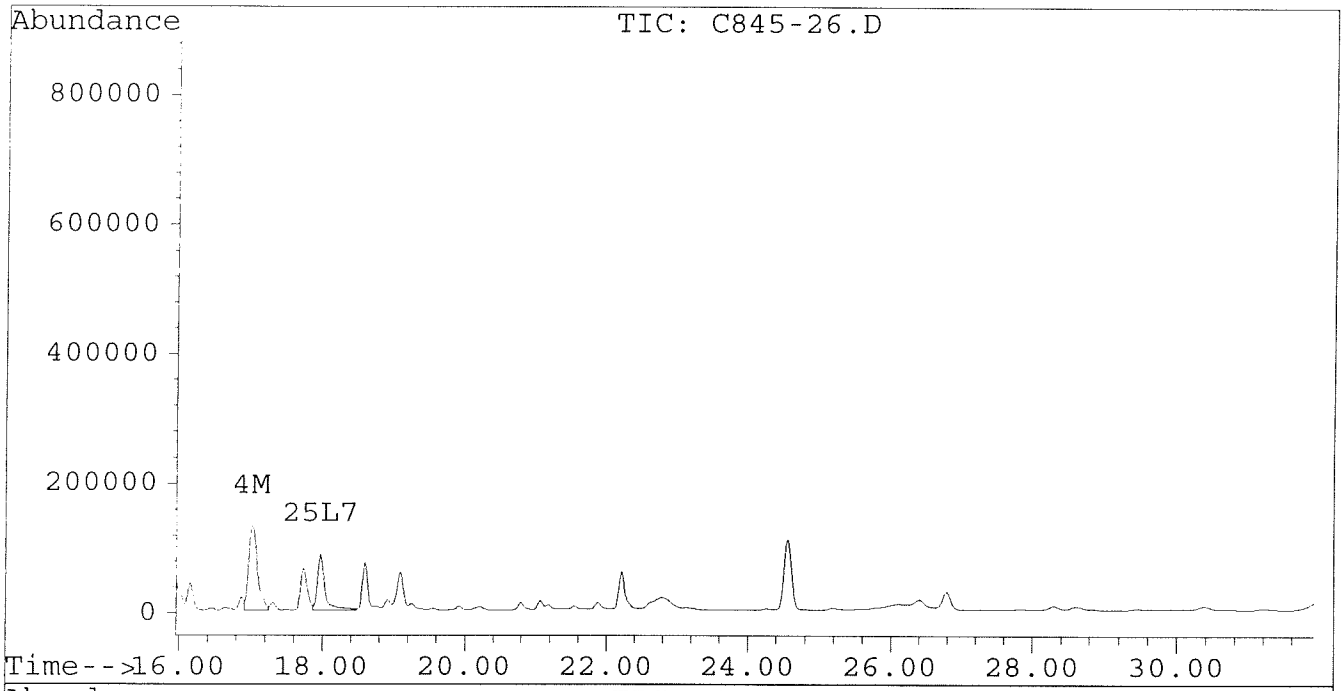
Quantitation Report

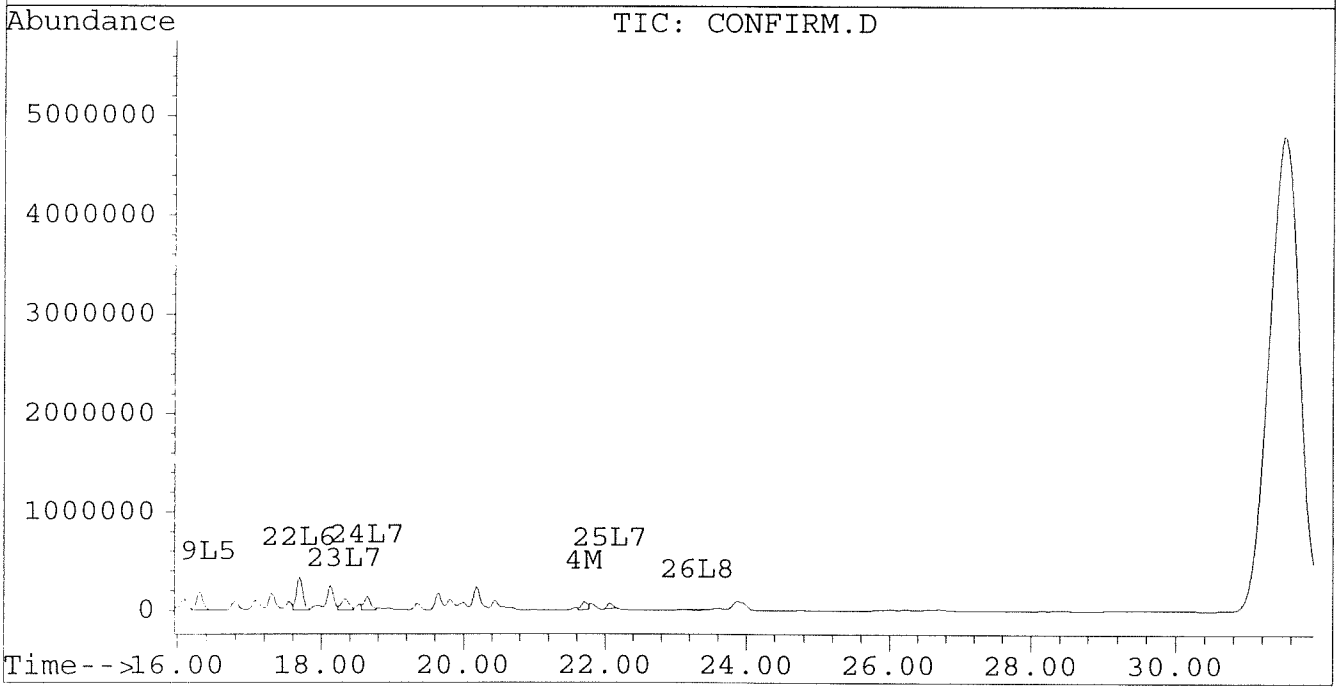
Signal #1 : D:\HPCHEM\5\AU26A\C845-26.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-26.D\CONFIRM.D
Acq On : 27 Aug 96 11:48 PM
Sample : VHB/ PR4
Misc : 30.4G/10ML 89% SOLID PCB ANALYSIS
Quant Time: Aug 28 0:22 1996

Vial: 51
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-27.D Vial: 52
Signal #2 : D:\HPCHEM\5\AU26A\C845-27.D\CONFIRM.D
Acq On : 28 Aug 96 00:24 AM Operator: JS
Sample : VHB/ PR5 Inst : ECD1
Misc : 30.1G/10ML 87% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	6876	5936	0.029	0.031m
				Recovery	=	72.50%	77.50%
2) S	Decachlorobiphenyl	0.00	30.75	0	3116	N.D.	0.035m#
				Recovery	=	0.00%	87.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	23406	20407	0.214	0.213
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	3816	3408	0.020	0.022
5) L1	Aroclor-1016	6.85	8.90	5116	1241	0.160	0.092 #
6) L1	Aroclor-1016 {2}	8.99	10.43	6677	6757	0.381	0.242 #
7) L1	Aroclor-1016 {3}	9.38	12.36	12415	7546	0.479	0.437
Total	Aroclor-1016			24208	15544	1.019	0.771
Average	Aroclor-1016					0.340	0.257
8) L2	Aroclor-1221	0.00	8.12	0	881	N.D.	0.144 #
9) L2	Aroclor-1221 {2}	5.55	8.67	328	567	0.056	0.116 #
10) L2	Aroclor-1221 {3}	5.73	8.90	1676	1241	0.083	0.081
Total	Aroclor-1221			2004	2689	0.139	0.341
Average	Aroclor-1221					0.070	0.114
11) L3	Aroclor-1232	5.73	8.90	1676	1241	0.092	0.087
12) L3	Aroclor-1232 {2}	6.85	10.43	5116	6757	0.375	0.562 #
13) L3	Aroclor-1232 {3}	8.66	12.36	3624	7546	0.438	1.088 #
Total	Aroclor-1232			10417	15544	0.905	1.737
Average	Aroclor-1232					0.302	0.579
14) L4	Aroclor-1242	8.28	11.78	23406	17034	0.565	0.572m
15) L4	Aroclor-1242 {2}	9.38	12.36	12415	3529	0.638	0.267m#
16) L4	Aroclor-1242 {3}	10.13	14.13	11438	9587	0.677	0.721
Total	Aroclor-1242			47258	30150	1.880	1.559
Average	Aroclor-1242					0.627	0.520
17) L5	Aroclor-1248	9.38	15.08	12415	10023	0.390	0.445
18) L5	Aroclor-1248 {2}	10.13	15.30	11438	11014	0.418	0.472
19) L5	Aroclor-1248 {3}	11.43	16.31	13685	7702	0.393	0.431
Total	Aroclor-1248			37537	28739	1.201	1.348
Average	Aroclor-1248					0.400	0.449

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-27.D Vial: 52
Signal #2 : D:\HPCHEM\5\AU26A\C845-27.D\CONFIRM.D
Acq On : 28 Aug 96 00:24 AM Operator: JS
Sample : VHB/ PR5 Inst : ECD1
Misc : 30.1G/10ML 87% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 15:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	8554	6793	0.274	0.251m
21) L6 Aroclor-1254 {2}	13.48	15.84	13262	7186	0.307	0.247m
22) L6 Aroclor-1254 {3}	15.88	17.69	11070	11857	0.345	0.298m
Total Aroclor-1254			32886	25836	0.926	0.796
Average Aroclor-1254					0.309	0.265
23) L7 Aroclor-1260	13.98	0.00	6452	0	0.186	N.D. #
24) L7 Aroclor-1260 {2}	14.76	18.65	6072	7975	0.149	0.222 #
25) L7 Aroclor-1260 {3}	0.00	22.06	0	1797	N.D.	0.034 #
Total Aroclor-1260			12523	9772	0.335	0.255
Average Aroclor-1260					0.168	0.128
26) L8 Aroclor-1268	0.00	23.34f	0	39246	N.D.	9.138 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.10	0	11981	N.D.	NoCal
Total Aroclor-1268			0	39246	N.D.	9.138
Average Aroclor-1268					0.000	9.138

AR1242

$$\frac{1.203 \times 10}{0.0301 \times .87 \times .666} = 689$$

(690)

AR1254

$$\frac{0.652 \times 10}{0.0301 \times .87 \times .666} = 373$$

(378)

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0366

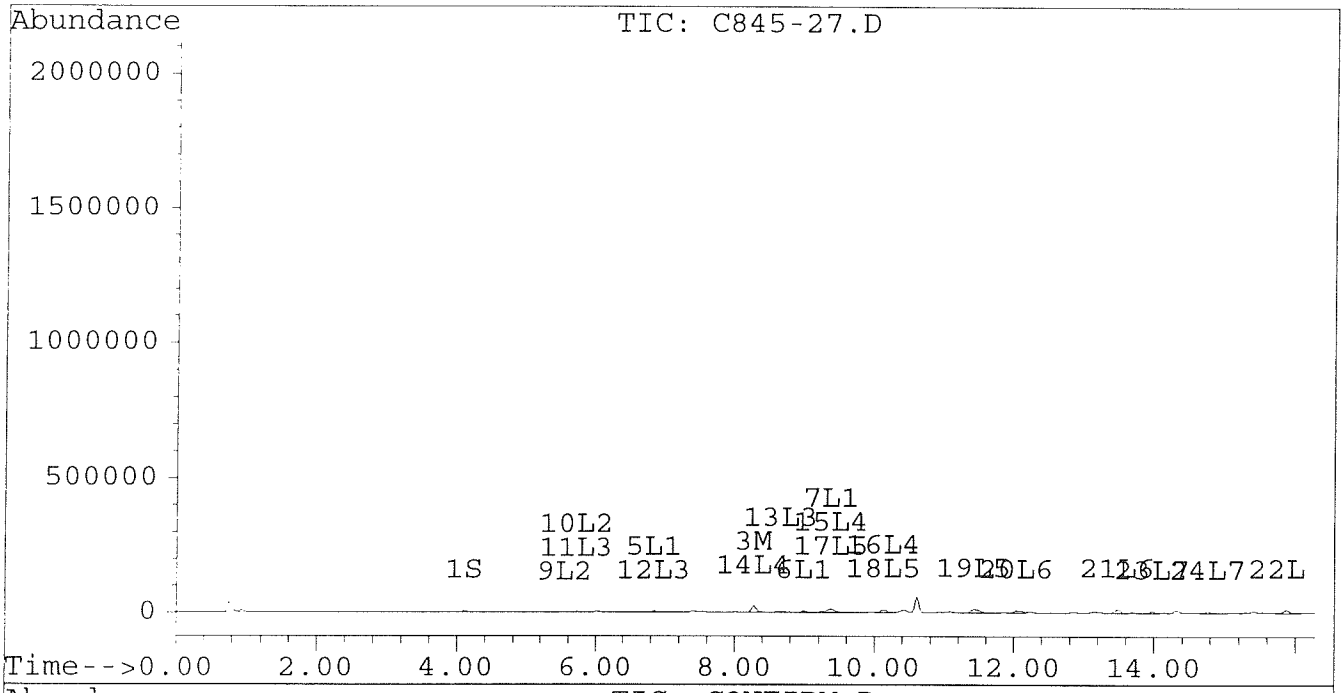
Quantitation Report

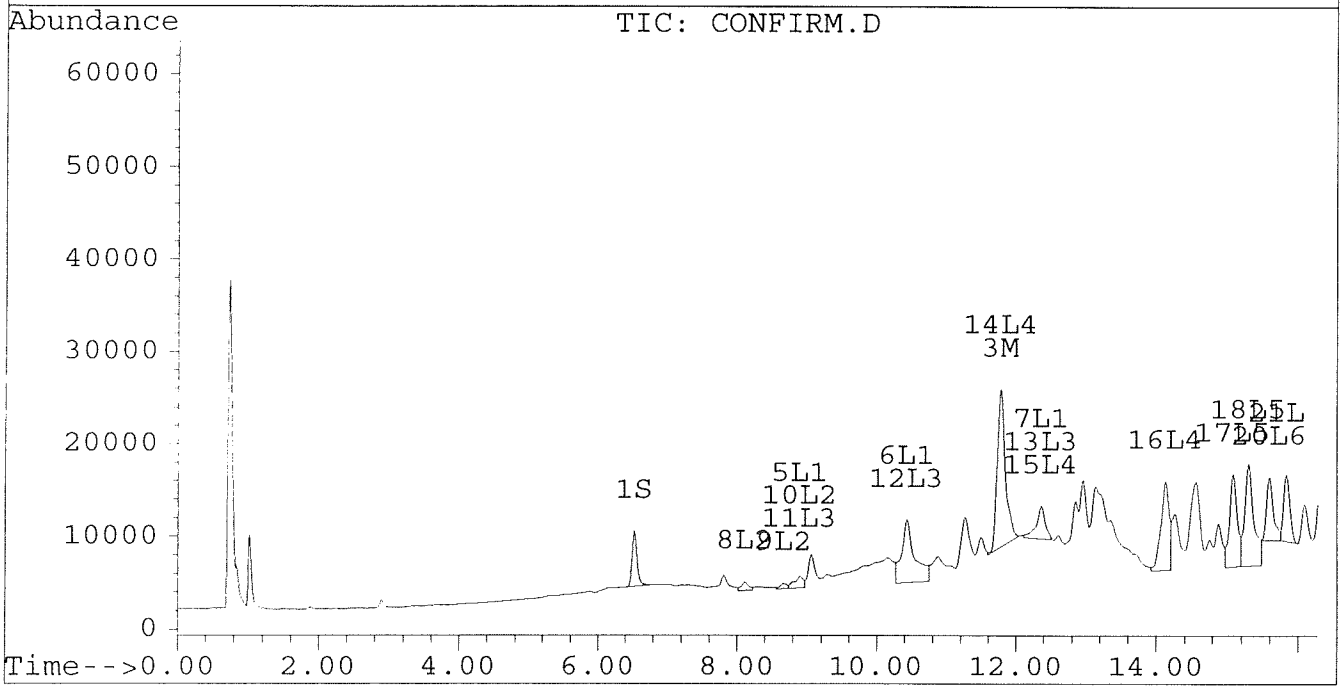
Signal #1 : D:\HPCHEM\5\AU26A\C845-27.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-27.D\CONFIRM.D
Acq On : 28 Aug 96 00:24 AM
Sample : VHB/ PR5
Misc : 30.1G/10ML 87% SOLID PCB ANALYSIS
Quant Time: Aug 28 15:43 1996

Vial: 52
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0267

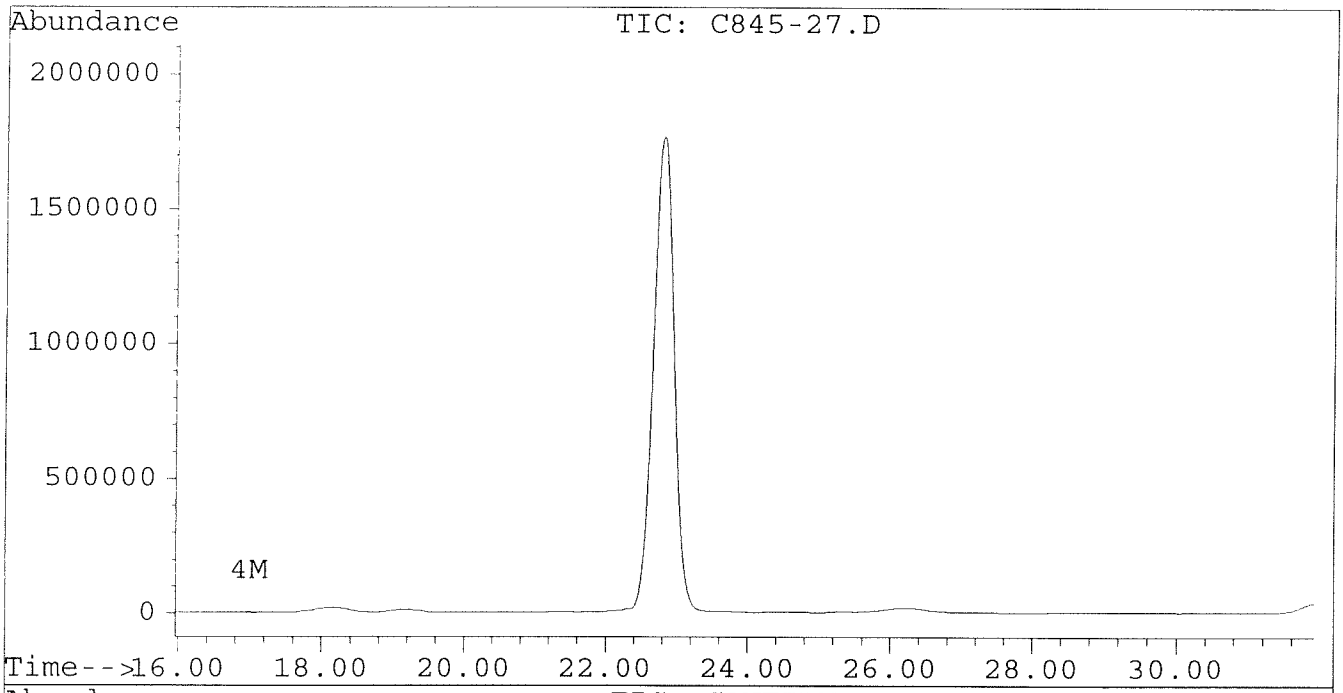
Quantitation Report

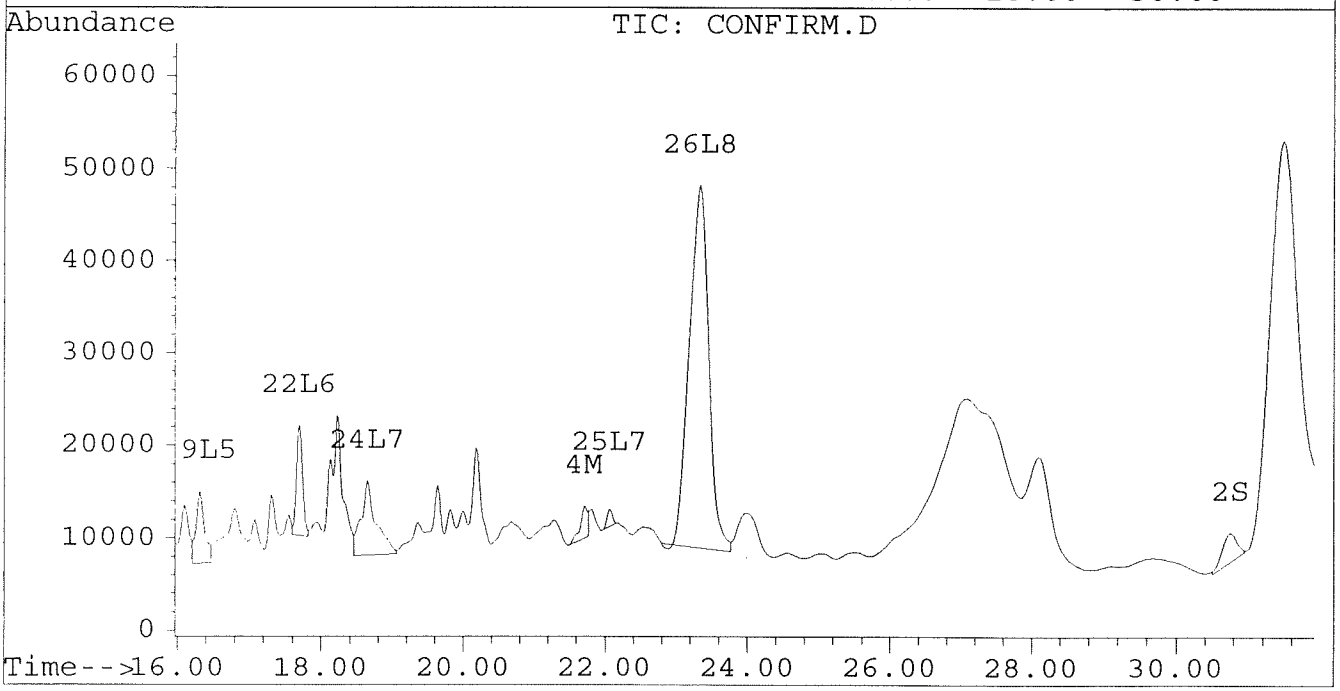
Signal #1 : D:\HPCHEM\5\AU26A\C845-27.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-27.D\CONFIRM.D
Acq On : 28 Aug 96 00:24 AM
Sample : VHB/ PR5
Misc : 30.1G/10ML 87% SOLID PCB ANALYSIS
Quant Time: Aug 28 15:43 1996

Vial: 52
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-28.D Vial: 53
Signal #2 : D:\HPCHEM\5\AU26A\C845-28.D\CONFIRM.D
Acq On : 28 Aug 96 00:59 AM Operator: JS
Sample : VHB/ PR6 Inst : ECD1
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 1:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

do not use this

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	8400	6855	0.035	0.036	
				Recovery	=	87.50%	90.00%	
2) S	Decachlorobiphenyl	0.00	30.72	0	1785	N.D.	0.020	#
				Recovery	=	0.00%	50.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	174597	127635	1.594	1.333	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	29590	20345	0.158	0.130	
5) L1	Aroclor-1016	6.85	8.90	38307	9040	1.196	0.672	#
6) L1	Aroclor-1016 {2}	8.99	10.43	56817	33736	3.239	1.208	#
7) L1	Aroclor-1016 {3}	9.38	12.36	80728	25615	3.114	1.484	#
Total	Aroclor-1016			175853	68391	7.549	3.364	
Average	Aroclor-1016					2.516	1.121	
8) L2	Aroclor-1221	5.13	8.12	1257	1993	0.179	0.326	#
9) L2	Aroclor-1221 {2}	5.56	8.67	2328	3971	0.399	0.814	#
10) L2	Aroclor-1221 {3}	5.73	8.90	15939	9040	0.789	0.589	#
Total	Aroclor-1221			19524	15004	1.367	1.729	
Average	Aroclor-1221					0.456	0.576	
11) L3	Aroclor-1232	5.73	8.90	15939	9040	0.874	0.631	#
12) L3	Aroclor-1232 {2}	6.85	10.43	38307	33736	2.807	2.808	
13) L3	Aroclor-1232 {3}	8.66	12.36	28669	25615	3.463	3.694	
Total	Aroclor-1232			82915	68391	7.144	7.133	
Average	Aroclor-1232					2.381	2.378	
14) L4	Aroclor-1242	8.27	11.78	174597	127635	4.217	4.283	
15) L4	Aroclor-1242 {2}	9.38	12.36	80728	25615	4.149	1.938	#
16) L4	Aroclor-1242 {3}	10.13	14.13	76713	60400	4.540	4.540	
Total	Aroclor-1242			332038	213650	12.907	10.761	
Average	Aroclor-1242					4.302	3.587	
17) L5	Aroclor-1248	9.38	15.08	80728	56346	2.536	2.501	
18) L5	Aroclor-1248 {2}	10.13	15.30	76713	59124	2.801	2.533	
19) L5	Aroclor-1248 {3}	11.43	16.31	95699	41658	2.750	2.333	
Total	Aroclor-1248			253140	157128	8.088	7.367	
Average	Aroclor-1248					2.696	2.456	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0373

Signal #1 : D:\HPCHEM\5\AU26A\C845-28.D Vial: 53
Signal #2 : D:\HPCHEM\5\AU26A\C845-28.D\CONFIRM.D
Acq On : 28 Aug 96 00:59 AM Operator: JS
Sample : VHB/ PR6 Inst : ECD1
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 1:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	56701	50205	1.816	1.858
21) L6	Aroclor-1254 {2}	13.48	15.84	93231	55120	2.159	1.894
22) L6	Aroclor-1254 {3}	15.88	17.70	77317	87239	2.407	2.190
Total	Aroclor-1254			227250	192564	6.382	5.943
Average	Aroclor-1254					2.127	1.981
23) L7	Aroclor-1260	13.98	18.33	43785	29341	1.262	0.918 #
24) L7	Aroclor-1260 {2}	14.76	18.64	42226	36323	1.039	1.010
25) L7	Aroclor-1260 {3}	17.97	22.07	20932	13421	0.362	0.251 #
Total	Aroclor-1260			106943	79086	2.662	2.179
Average	Aroclor-1260					0.887	0.726
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

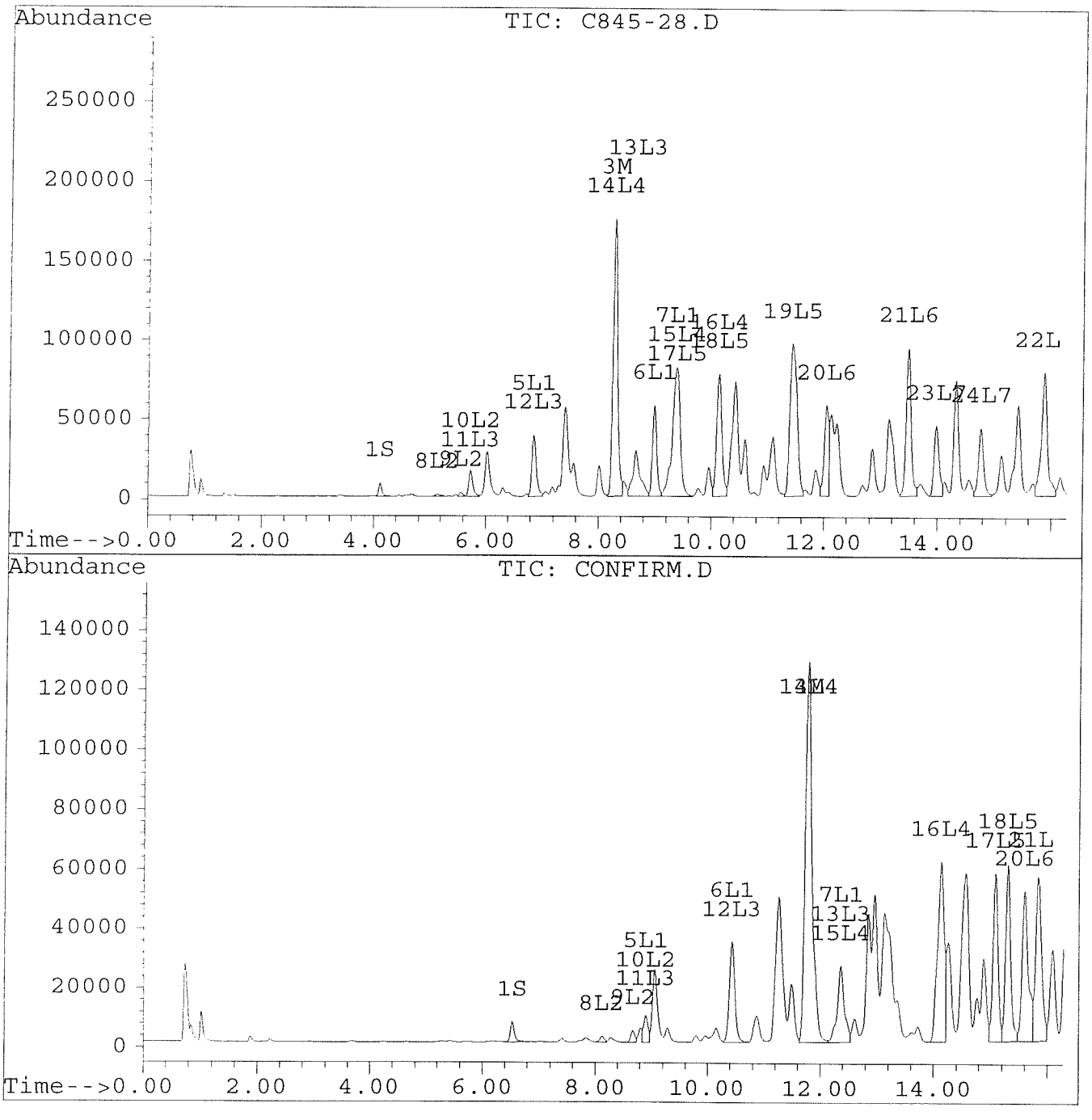
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-28.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-28.D\CONFIRM.D
Acq On : 28 Aug 96 00:59 AM
Sample : VHB/ PR6
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS
Quant Time: Aug 28 1:33 1996

Vial: 53
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



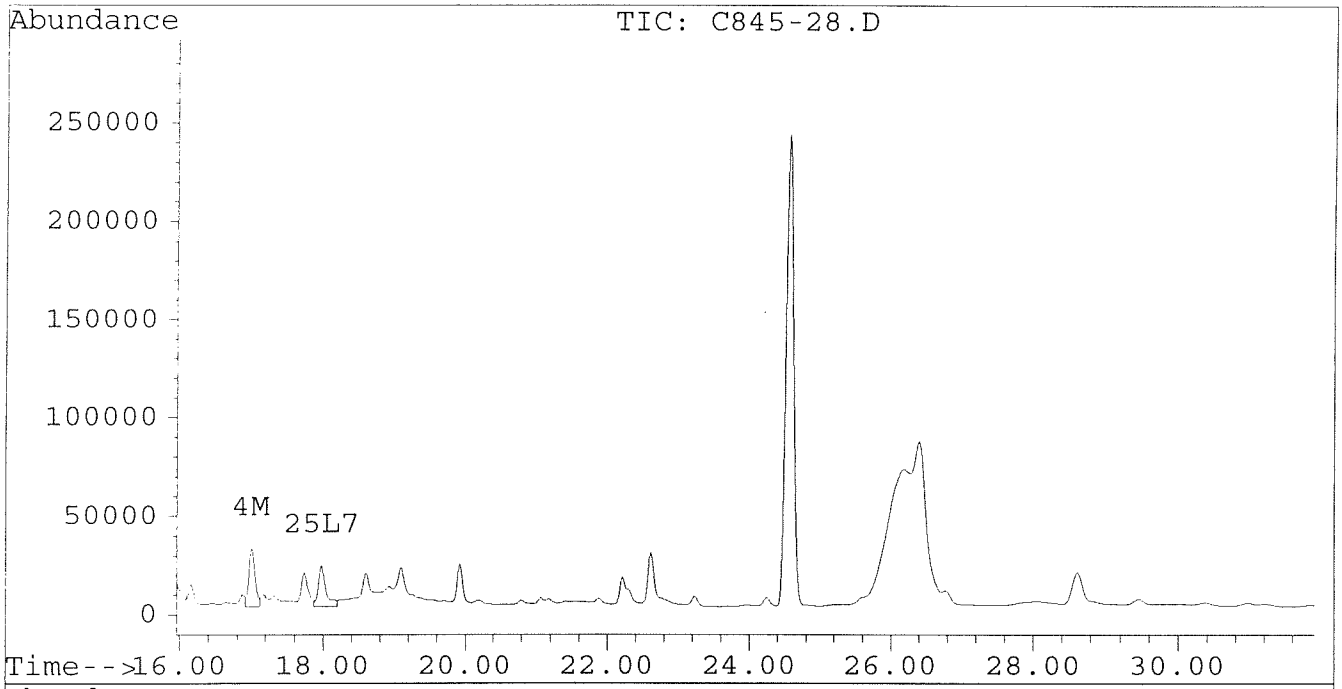
0375

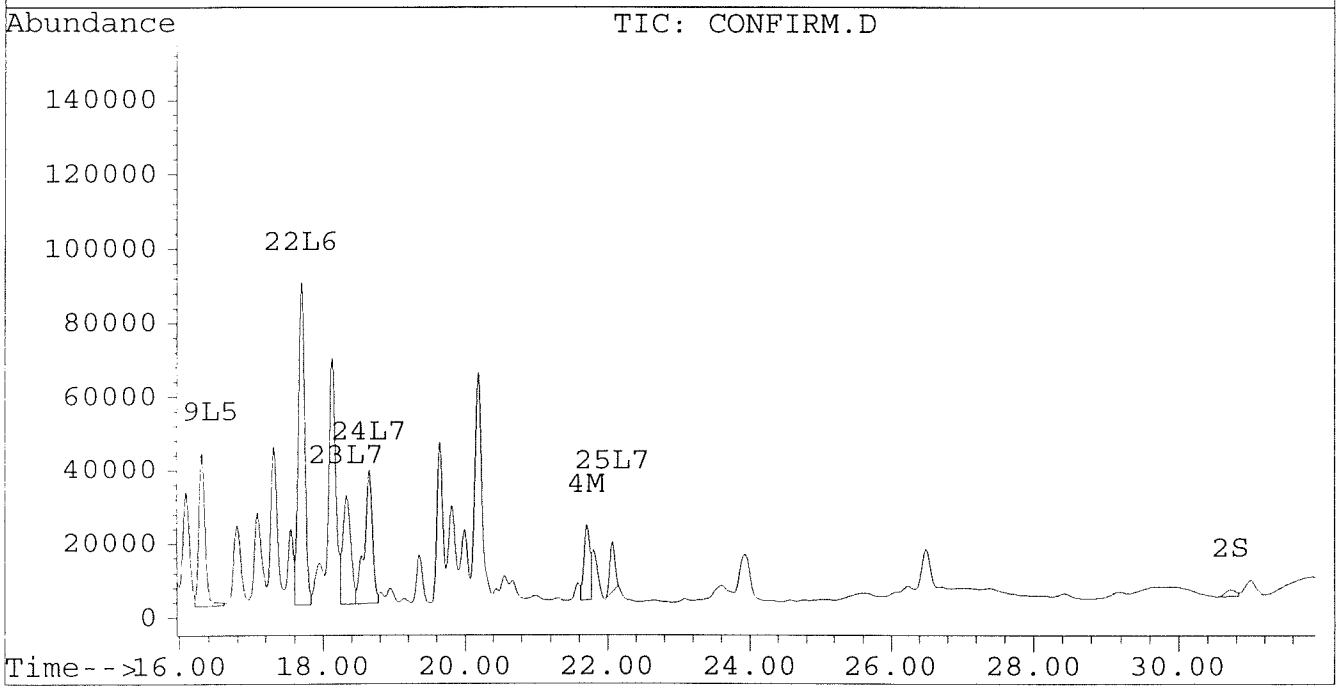
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-28.D Vial: 53
Signal #2 : D:\HPCHEM\5\AU26A\C845-28.D\CONFIRM.D
Acq On : 28 Aug 96 00:59 AM Operator: JS
Sample : VHB/ PR6 Inst : ECD1
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 1:33 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0376

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-28A.D Vial: 91
Signal #2 : D:\HPCHEM\5\AU29\C845-28A.D\CONFIRM.D
Acq On : 01 Sep 96 03:51 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 4 11:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	1614	1384	0.007	0.007	
				Recovery	=	17.50%	17.50%	
2) S	Decachlorobiphenyl	22.21f	30.73	1982	596	0.009m	0.007	#
				Recovery	=	22.50%	17.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	44672	31964	0.408	0.334	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	5950	3965	0.032	0.025	
5) L1	Aroclor-1016	6.85	8.90	10270	2308	0.321	0.172	#
6) L1	Aroclor-1016 (2)	8.98	10.43	13409	9199	0.764	0.329	#
7) L1	Aroclor-1016 (3)	9.37	12.36	22287	6296	0.860	0.365	#
Total	Aroclor-1016			45966	17802	1.945	0.866	
Average	Aroclor-1016					0.648	0.289	
8) L2	Aroclor-1221	5.13	8.12	290	456	0.041	0.075	#
9) L2	Aroclor-1221 (2)	5.55	8.67	557	888	0.095	0.182	#
10) L2	Aroclor-1221 (3)	5.73	8.90	3933	2308	0.195	0.150	
Total	Aroclor-1221			4780	3652	0.331	0.407	
Average	Aroclor-1221					0.110	0.136	
11) L3	Aroclor-1232	5.73	8.90	3933	2308	0.216	0.161	#
12) L3	Aroclor-1232 (2)	6.85	10.43	10270	9199	0.753	0.766	
13) L3	Aroclor-1232 (3)	8.66	12.36	7101	6296	0.858	0.908	
Total	Aroclor-1232			21304	17802	1.826	1.835	
Average	Aroclor-1232					0.609	0.612	
14) L4	Aroclor-1242	8.27	11.78	44672	31964	1.079	1.073	
15) L4	Aroclor-1242 (2)	9.37	12.36	22287	6296	1.146	0.476	#
16) L4	Aroclor-1242 (3)	10.13	14.13	20280	15818	1.200	1.189	
Total	Aroclor-1242			87240	54077	3.425	2.738	
Average	Aroclor-1242					1.142	0.913	
17) L5	Aroclor-1248	9.37	15.08	22287	13819	0.700	0.613	
18) L5	Aroclor-1248 (2)	10.13	15.30	20280	13863	0.740	0.594	
19) L5	Aroclor-1248 (3)	11.43	16.31	24927	8486	0.716	0.475	#
Total	Aroclor-1248			67494	36168	2.157	1.683	
Average	Aroclor-1248					0.719	0.561	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-28A.D Vial: 91
Signal #2 : D:\HPCHEM\5\AU29\C845-28A.D\CONFIRM.D
Acq On : 01 Sep 96 03:51 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 4 11:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	15103	13201	0.484	0.489
21) L6	Aroclor-1254 {2}	13.48	15.83	23319	14601	0.540	0.502
22) L6	Aroclor-1254 {3}	15.87	17.69	17992	21908	0.560	0.550
Total	Aroclor-1254			56414	49710	1.584	1.540
Average	Aroclor-1254					0.528	0.513
23) L7	Aroclor-1260	13.98	18.33	10948	7625	0.315	0.238
24) L7	Aroclor-1260 {2}	14.76	18.64	10309	9027	0.254	0.251
25) L7	Aroclor-1260 {3}	17.97	22.06	4347	2749	0.075	0.051 #
Total	Aroclor-1260			25603	19401	0.644	0.541
Average	Aroclor-1260					0.215	0.180
26) L8	Aroclor-1268	0.00	23.33	0	1633	N.D.	0.380 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.14f	0	299	N.D.	NoCal
Total	Aroclor-1268			0	1633	N.D.	0.380
Average	Aroclor-1268					0.000	0.380

AR1242

$\frac{2225 \times 10}{0.0304 \times .82 \times .666} \times 5 = 6700$

AR1254

$\frac{1.1 \times 10}{0.0304 \times .82 \times .666} \times 5 = 3312$

3300

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0370

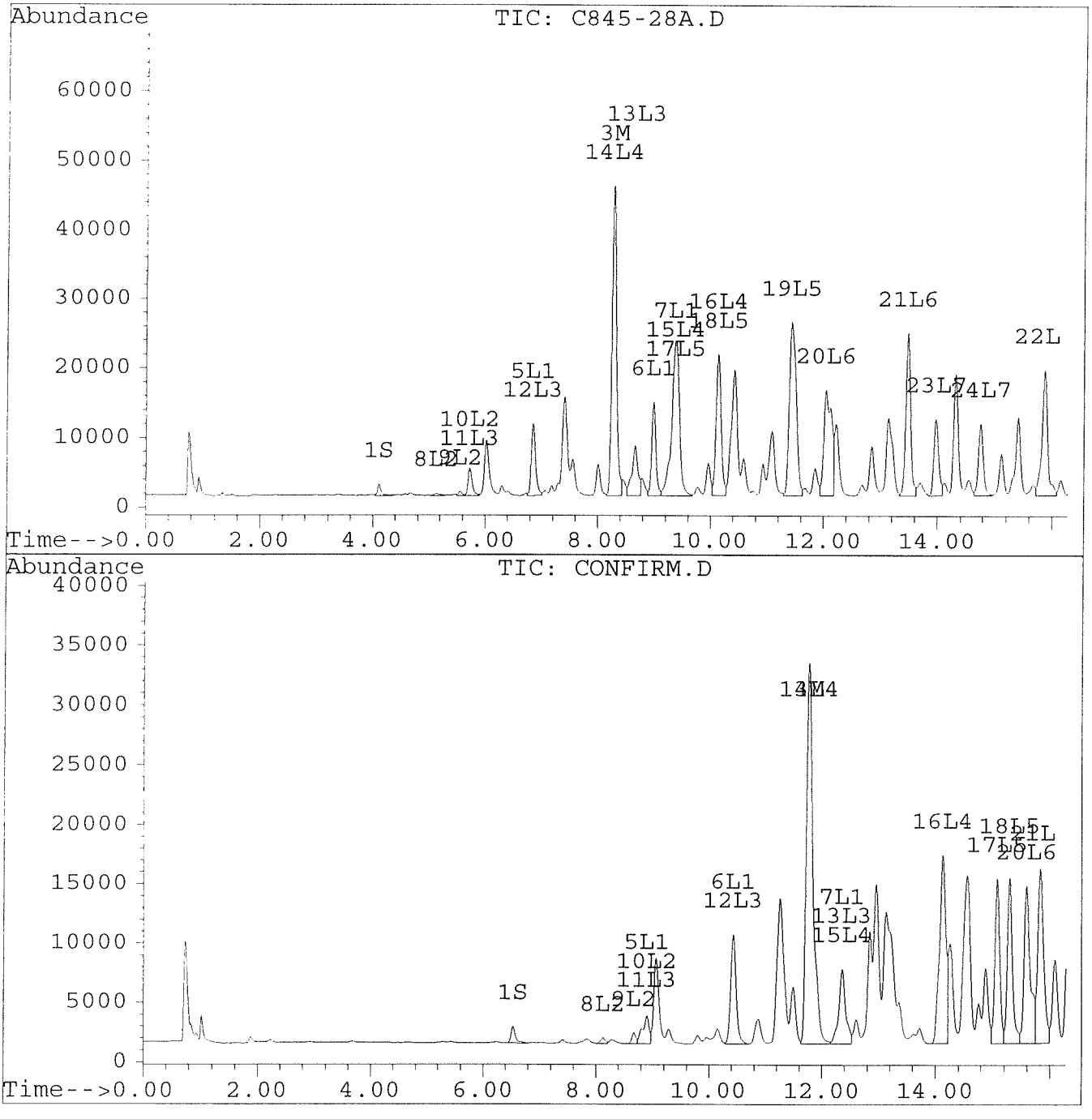
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-28A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-28A.D\CONFIRM.D
Acq On : 01 Sep 96 03:51 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 4 11:52 1996

Vial: 91
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



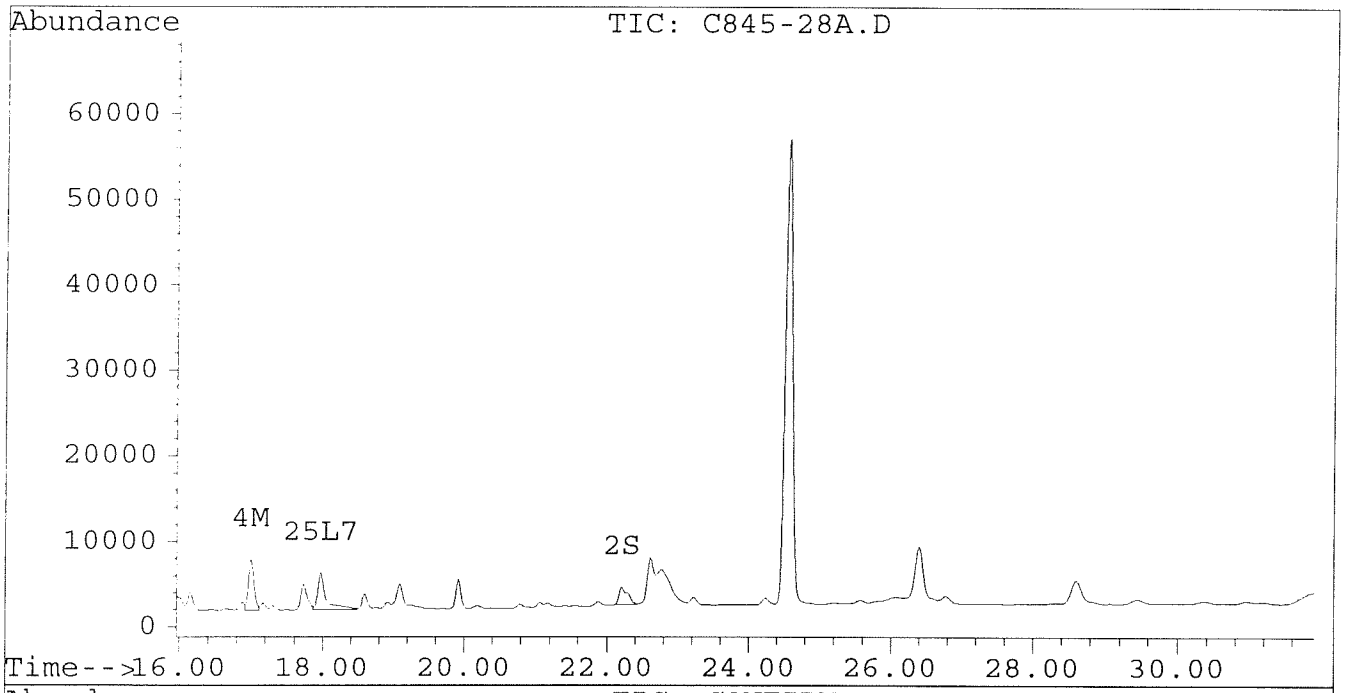
0371

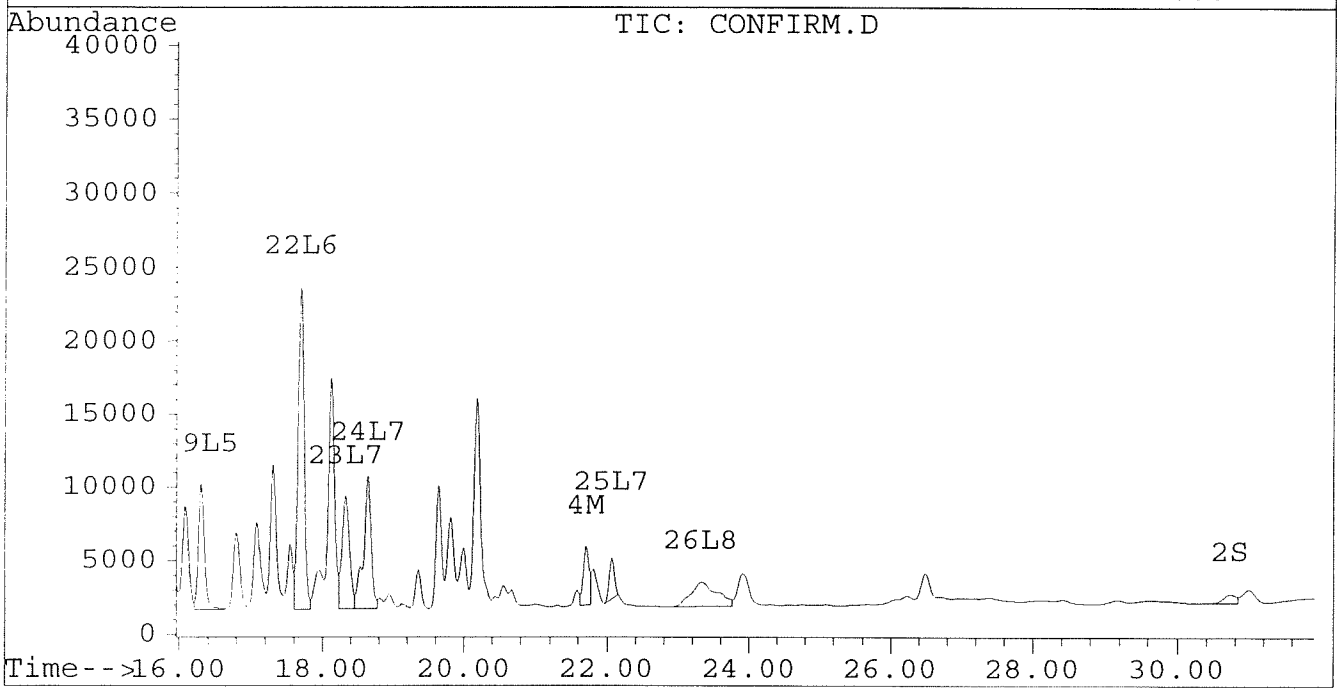
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-28A.D Vial: 91
Signal #2 : D:\HPCHEM\5\AU29\C845-28A.D\CONFIRM.D
Acq On : 01 Sep 96 03:51 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 4 11:52 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0372

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-29.D Vial: 54
Signal #2 : D:\HPCHEM\5\AU26A\C845-29.D\CONFIRM.D
Acq On : 28 Aug 96 01:35 AM Operator: JS
Sample : VHB/ PS5 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 2:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	7953	6479	0.033	0.034	
				Recovery	=	82.50%	85.00%	
2)	S Decachlorobiphenyl	22.30	0.00	5930	0	0.028	N.D.	#
				Recovery	=	70.00%	0.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	117147	84443	1.070	0.882	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	19251	13719	0.103	0.087	
5)	L1 Aroclor-1016	6.85	8.90	28077	7827	0.877	0.582	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	34998	24011	1.995	0.860	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	50799	18950	1.959	1.098	#
	Total Aroclor-1016			113873	50788	4.831	2.540	
	Average Aroclor-1016					1.610	0.847	
8)	L2 Aroclor-1221	5.13	8.11	796	3597	0.114	0.588	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	1998	4721	0.342	0.968	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	13930	7827	0.689	0.510	#
	Total Aroclor-1221			16723	16145	1.145	2.066	
	Average Aroclor-1221					0.382	0.689	
11)	L3 Aroclor-1232	5.72	8.90	13930	7827	0.764	0.546	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	28077	24011	2.057	1.999	
13)	L3 Aroclor-1232 {3}	8.66	12.36	22419	18950	2.708	2.733	
	Total Aroclor-1232			64426	50788	5.529	5.278	
	Average Aroclor-1232					1.843	1.759	
14)	L4 Aroclor-1242	8.27	11.78	117147	84443	2.829	2.833	
15)	L4 Aroclor-1242 {2}	9.38	12.36	50799	18950	2.611	1.434	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	49920	38231	2.955	2.874	
	Total Aroclor-1242			217865	141624	8.395	7.141	
	Average Aroclor-1242					2.798	2.380	
17)	L5 Aroclor-1248	9.38	15.08	50799	39789	1.596	1.766	
18)	L5 Aroclor-1248 {2}	10.13	15.30	49920	39469	1.822	1.691	
19)	L5 Aroclor-1248 {3}	11.43	16.31	65441	28557	1.881	1.599	
	Total Aroclor-1248			166159	107815	5.299	5.056	
	Average Aroclor-1248					1.766	1.685	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0377

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-29.D Vial: 54
Signal #2 : D:\HPCHEM\5\AU26A\C845-29.D\CONFIRM.D
Acq On : 28 Aug 96 01:35 AM Operator: JS
Sample : VHB/ PS5 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 2:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	39892	32874	1.277	1.217
21) L6 Aroclor-1254 {2}	13.48	15.84	65132	38644	1.508	1.328
22) L6 Aroclor-1254 {3}	15.87	17.69	53273	58841	1.659	1.477
Total Aroclor-1254			158297	130359	4.444	4.022
Average Aroclor-1254					1.481	1.341
23) L7 Aroclor-1260	13.98	18.33	30615	20047	0.882	0.627 #
24) L7 Aroclor-1260 {2}	14.76	18.64	27404	25382	0.674	0.706
25) L7 Aroclor-1260 {3}	17.98	22.06	15558	8163	0.269	0.153 #
Total Aroclor-1260			73578	53593	1.825	1.485
Average Aroclor-1260					0.608	0.495
26) L8 Aroclor-1268	0.00	23.34f	0	100598	N.D.	23.422 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	100598	N.D.	23.422
Average Aroclor-1268					0.000	23.422

AR1254

$$\frac{3167 \times 10}{0.0303 \times .92 \times .666} = 1765$$

1700

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

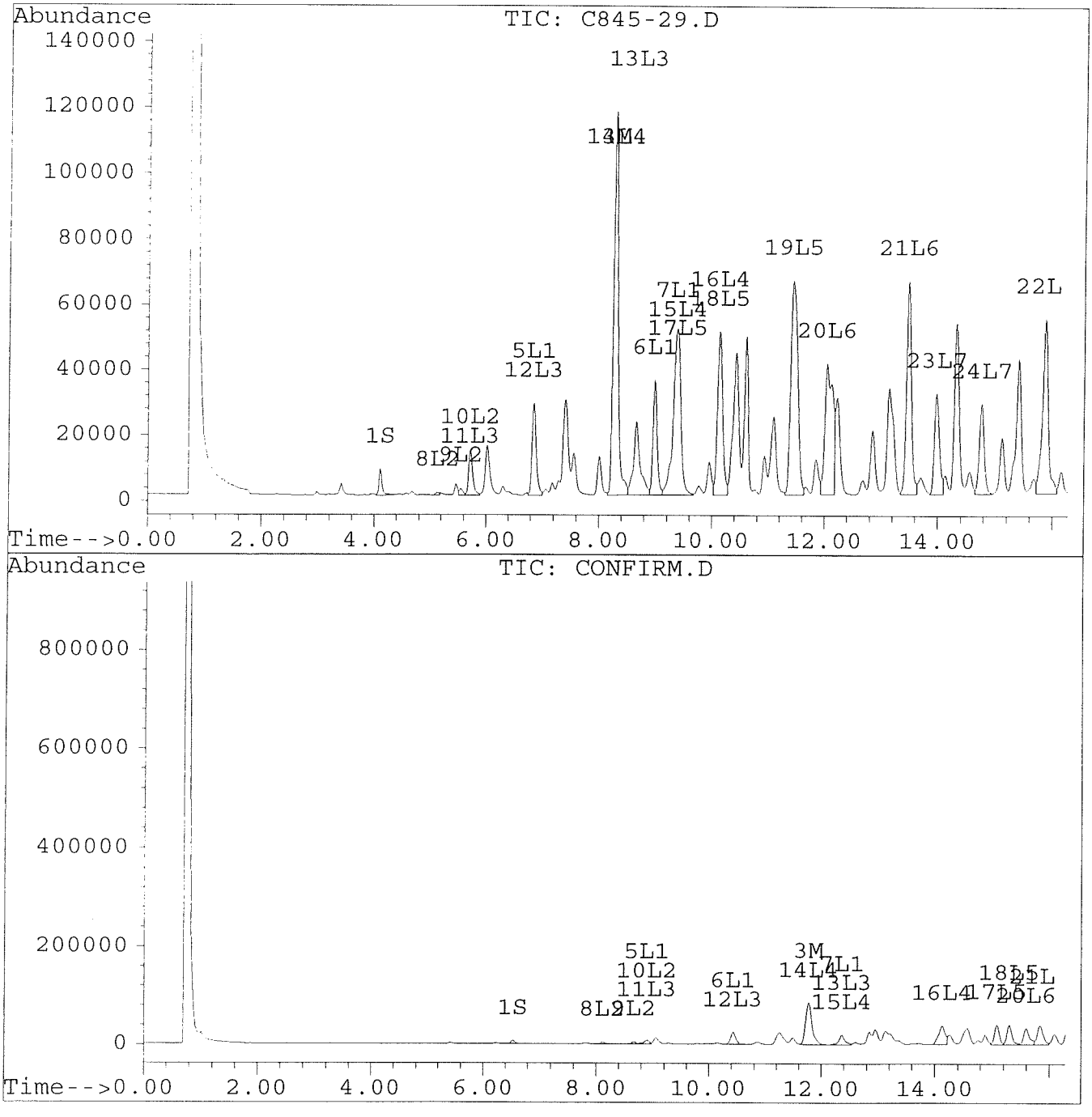
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-29.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-29.D\CONFIRM.D
Acq On : 28 Aug 96 01:35 AM
Sample : VHB/ PS5
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 28 2:09 1996

Vial: 54
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

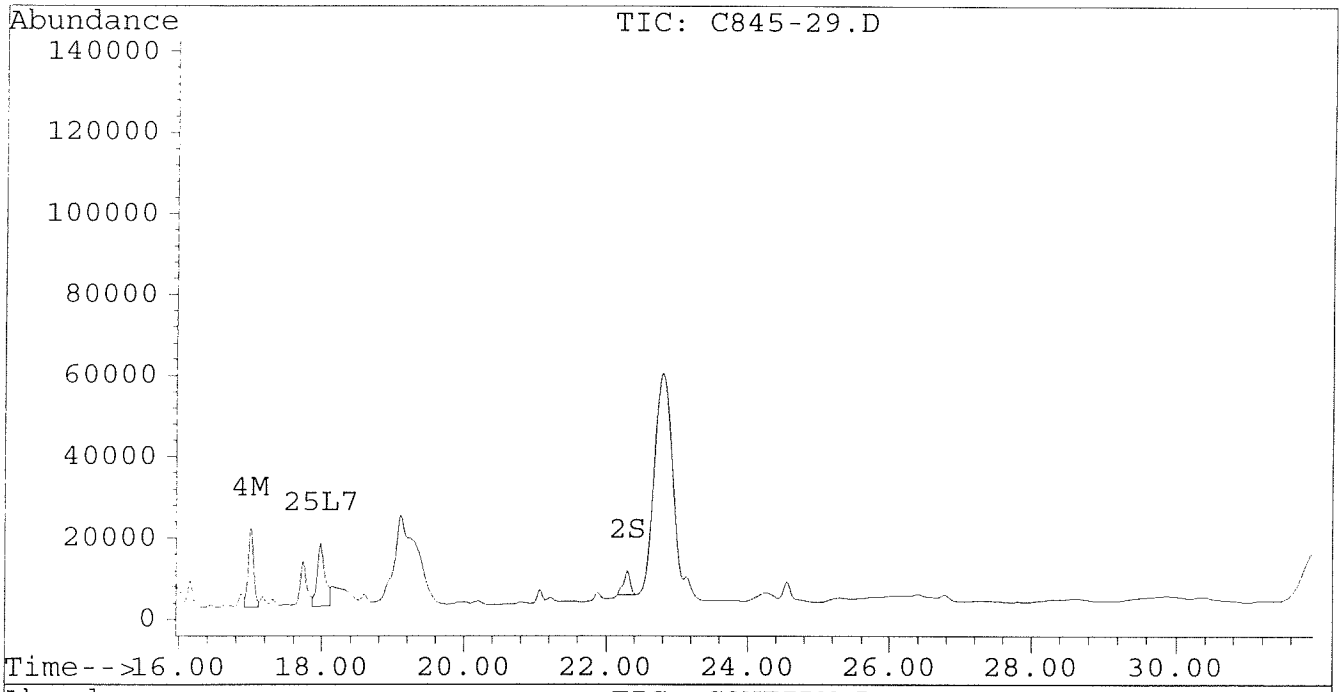


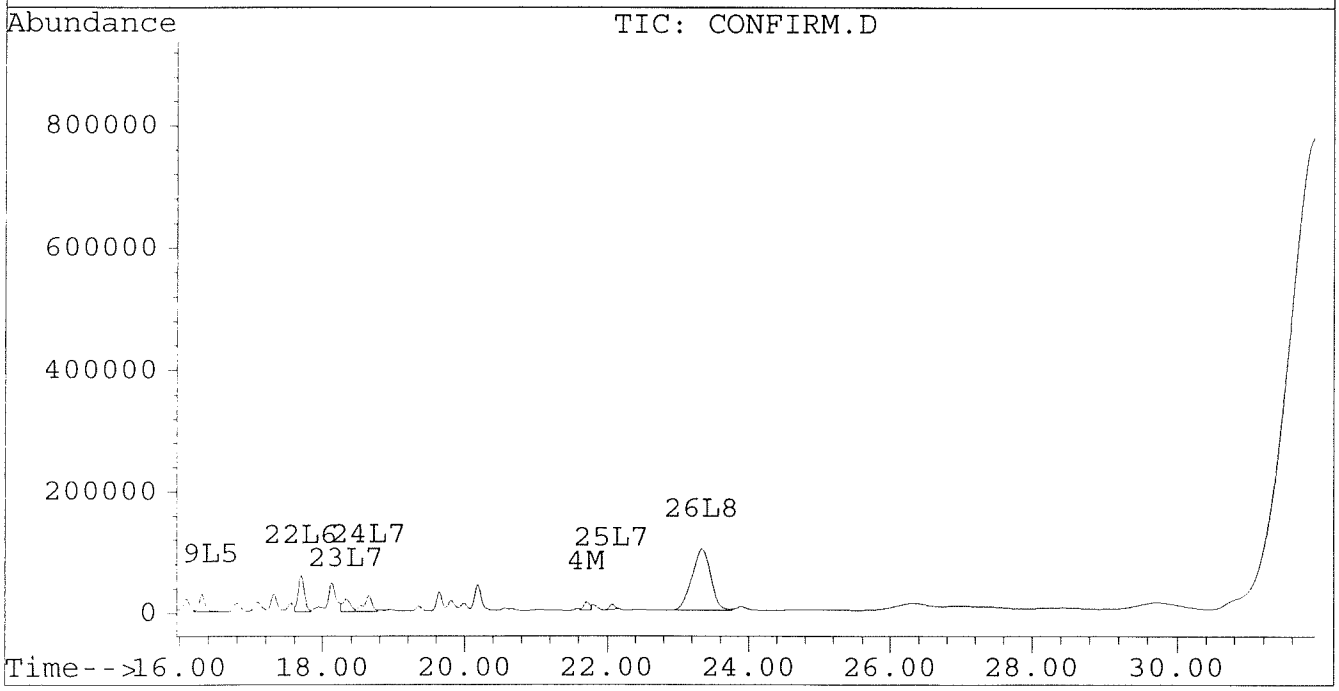
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-29.D Vial: 54
Signal #2 : D:\HPCHEM\5\AU26A\C845-29.D\CONFIRM.D
Acq On : 28 Aug 96 01:35 AM Operator: JS
Sample : VHB/ PS5 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 2:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-29A.D Vial: 89
Signal #2 : D:\HPCHEM\5\AU29\C845-29A.D\CONFIRM.D
Acq On : 01 Sep 96 02:41 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 15:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	1612	1373	0.007	0.007	
				Recovery	=	17.50%	17.50%	
2)	S Decachlorobiphenyl	22.29	0.00	1223	0	0.006	N.D.	#
				Recovery	=	15.00%	0.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	29444	20596	0.269	0.215	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	4067	2783	0.022	0.018	
5)	L1 Aroclor-1016	6.85	8.90	7382	2041	0.231	0.152	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	8001	6510	0.456	0.233	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	13849	4654	0.534	0.270	#
	Total Aroclor-1016			29231	13205	1.221	0.655	
	Average Aroclor-1016					0.407	0.218	
8)	L2 Aroclor-1221	5.14	8.12	240	837	0.034	0.137	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	566	1051	0.097	0.215	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	3333	2041	0.165	0.133	
	Total Aroclor-1221			4139	3929	0.296	0.485	
	Average Aroclor-1221					0.099	0.162	
11)	L3 Aroclor-1232	5.72	8.90	3333	2041	0.183	0.142	
12)	L3 Aroclor-1232 {2}	6.85	10.43	7382	6510	0.541	0.542	
13)	L3 Aroclor-1232 {3}	8.66	12.36	5432	4654	0.656	0.671	
	Total Aroclor-1232			16147	13205	1.380	1.356	
	Average Aroclor-1232					0.460	0.452	
14)	L4 Aroclor-1242	8.27	11.78	29444	20596	0.711	0.691	
15)	L4 Aroclor-1242 {2}	9.37	12.36	13849	4654	0.712	0.352	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	12540	9791	0.742	0.736	
	Total Aroclor-1242			55833	35041	2.165	1.779	
	Average Aroclor-1242					0.722	0.593	
17)	L5 Aroclor-1248	9.37	15.08	13849	9424	0.435	0.418	
18)	L5 Aroclor-1248 {2}	10.13	15.30	12540	9079	0.458	0.389	
19)	L5 Aroclor-1248 {3}	11.43	16.31	16729	5992	0.481	0.336	#
	Total Aroclor-1248			43118	24495	1.374	1.143	
	Average Aroclor-1248					0.458	0.381	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-29A.D Vial: 89
Signal #2 : D:\HPCHEM\5\AU29\C845-29A.D\CONFIRM.D
Acq On : 01 Sep 96 02:41 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 15:15 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	10572	8598	0.339	0.318
21) L6	Aroclor-1254 {2}	13.48	15.83	15960	10174	0.370	0.350
22) L6	Aroclor-1254 {3}	15.87	17.69	12354	13815	0.385	0.347
Total	Aroclor-1254			38886	32587	1.093	1.015
Average	Aroclor-1254					0.364	0.338
23) L7	Aroclor-1260	13.97	18.33	7567	5103	0.218	0.160 #
24) L7	Aroclor-1260 {2}	14.76	18.64	6784	6307	0.167	0.175
25) L7	Aroclor-1260 {3}	17.97	22.06	2810	1705	0.049	0.032 #
Total	Aroclor-1260			17161	13114	0.434	0.367
Average	Aroclor-1260					0.145	0.122
26) L8	Aroclor-1268	0.00	23.34f	0	393	N.D.	0.092 #
27) L8	Aroclor-1268 {2}	0.00	23.55	0	463	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	28.13	0	144	N.D.	NoCal
Total	Aroclor-1268			0	393	N.D.	0.092
Average	Aroclor-1268					0.000	0.092

AR1242

$\frac{1.423 \times 10}{0.0303 \times .92 \times .466} \times 5 = 3832$

3800

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

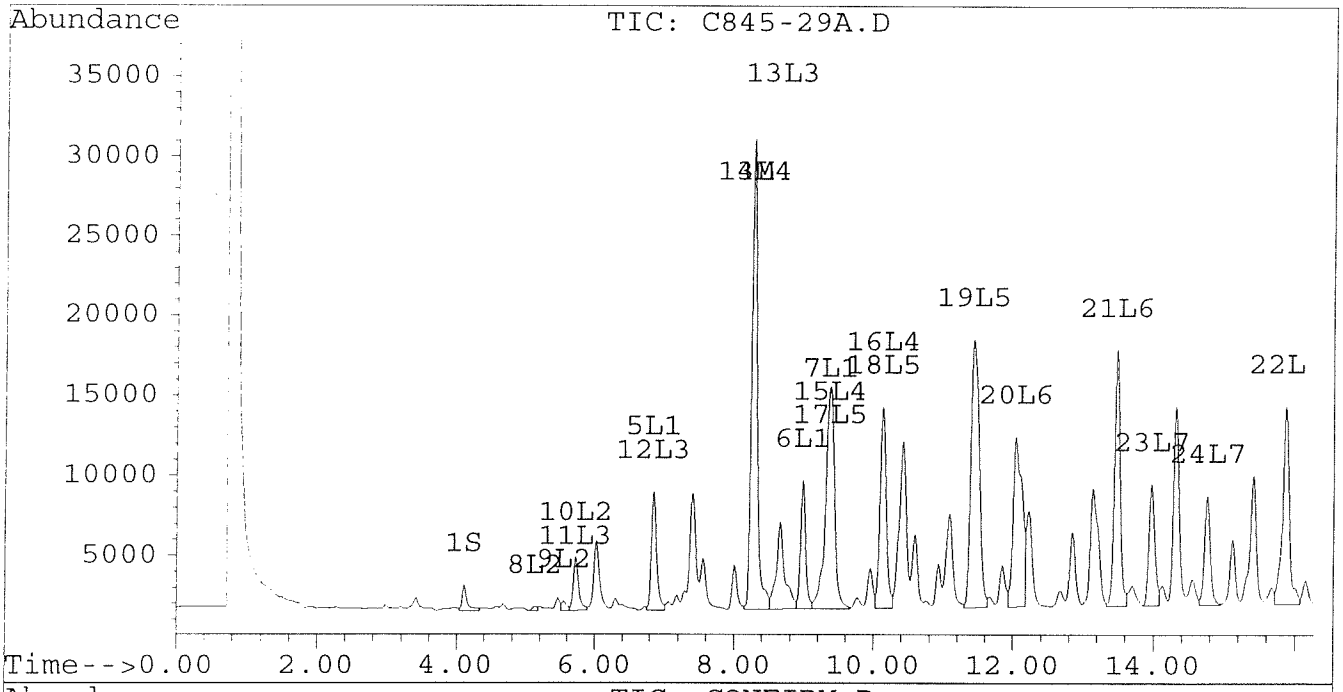
Quantitation Report

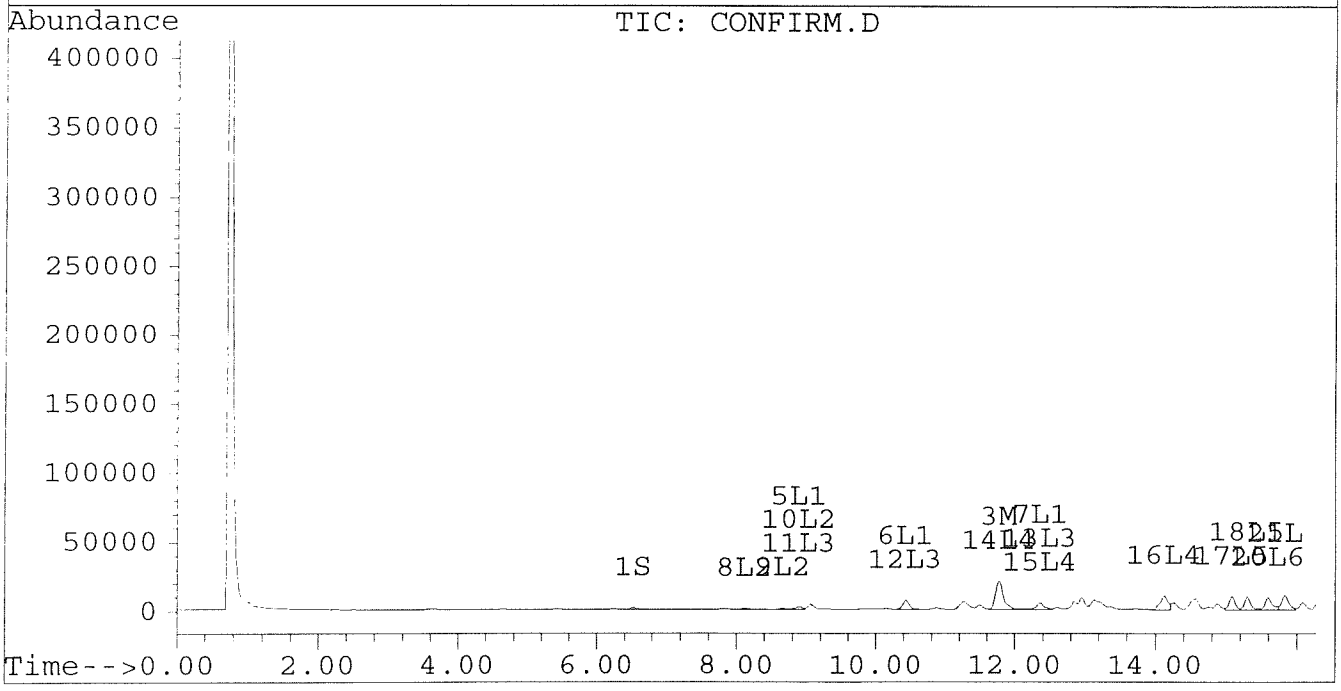
Signal #1 : D:\HPCHEM\5\AU29\C845-29A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-29A.D\CONFIRM.D
Acq On : 01 Sep 96 02:41 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 15:15 1996

Vial: 89
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





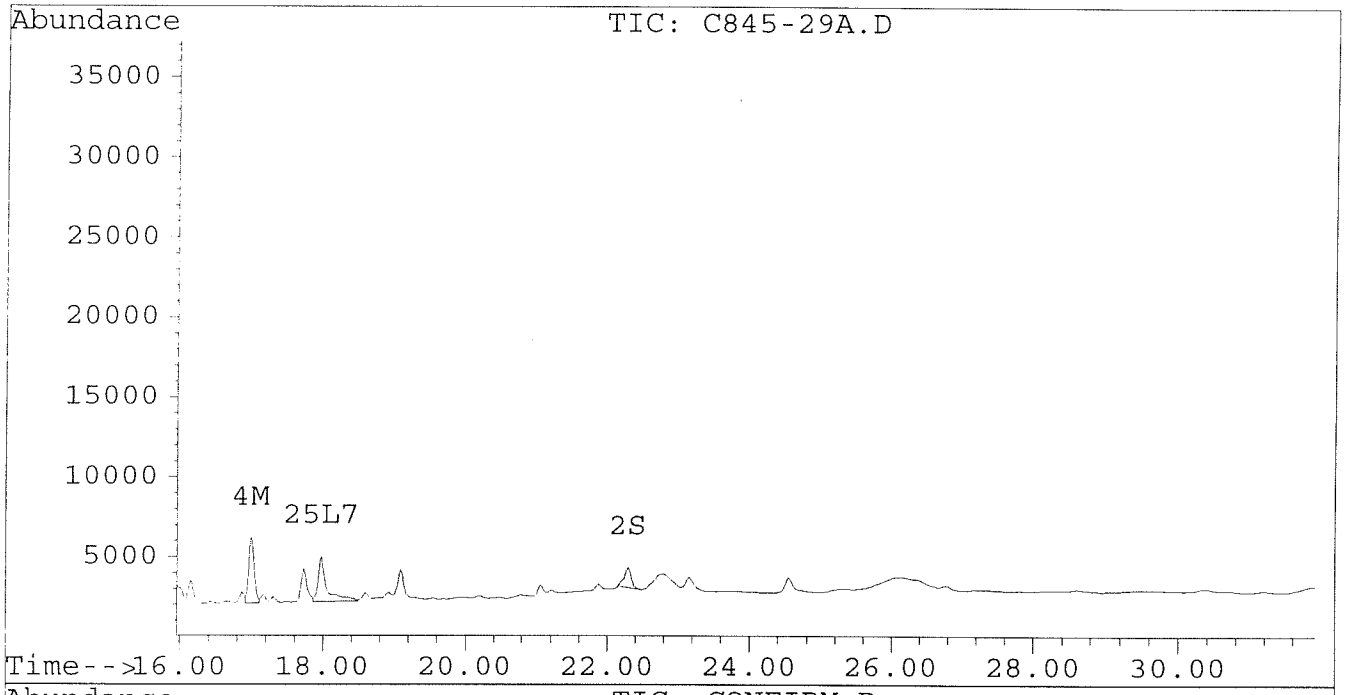
Quantitation Report

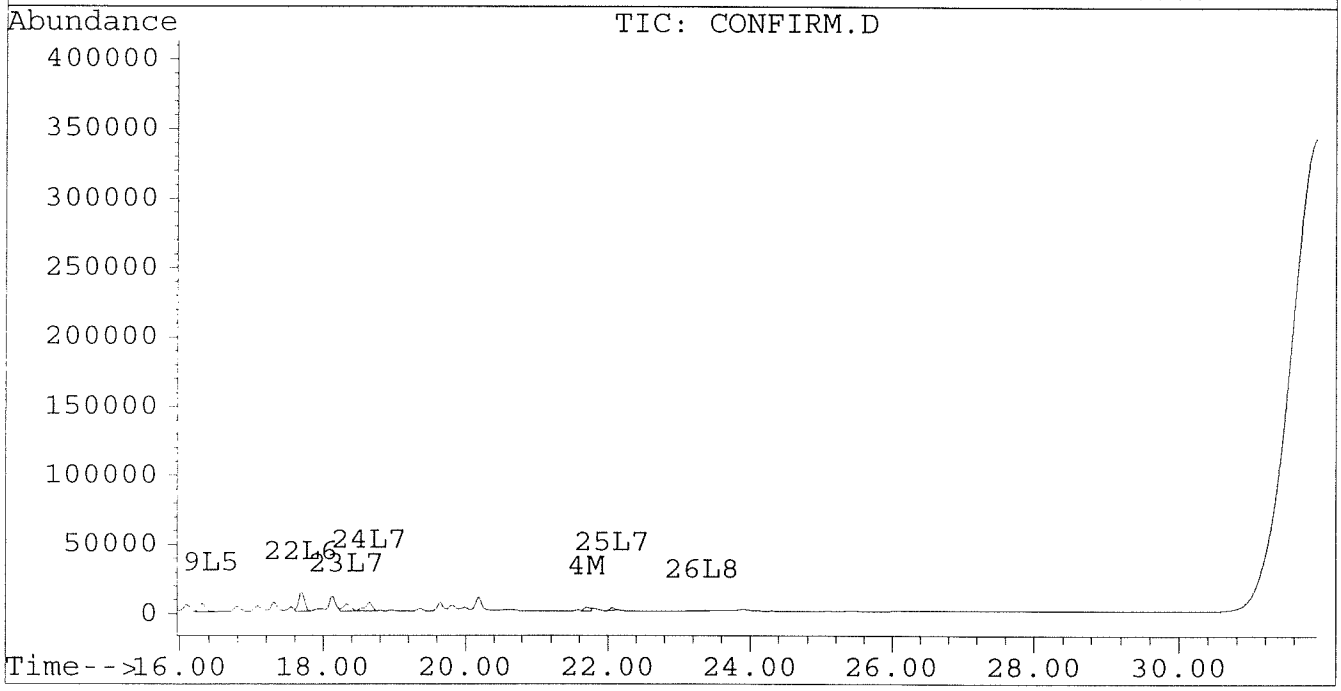
Signal #1 : D:\HPCHEM\5\AU29\C845-29A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-29A.D\CONFIRM.D
Acq On : 01 Sep 96 02:41 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 15:15 1996

Vial: 89
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0391

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-30.D Vial: 55
Signal #2 : D:\HPCHEM\5\AU26A\C845-30.D\CONFIRM.D
Acq On : 28 Aug 96 02:11 AM Operator: JS
Sample : VHB/ PT4 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 2:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	7795	16277	0.033	0.085	#
				Recovery	=	82.50%	212.50%	
2)	S Decachlorobiphenyl	22.30	30.73	5676	2536	0.027	0.029	
				Recovery	=	67.50%	72.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.28	11.78	138147	109953	1.261	1.148	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	25509	17620	0.136	0.112	
5)	L1 Aroclor-1016	6.85	8.90	25188	26174	0.787	1.945	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	43968	45558	2.507	1.632	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	69875	30704	2.695	1.779	#
	Total Aroclor-1016			139030	102436	5.988	5.356	
	Average Aroclor-1016					1.996	1.785	
8)	L2 Aroclor-1221	5.14	8.12	587	19241	0.084	3.146	#
9)	L2 Aroclor-1221 {2}	5.56	8.67	1334	26587	0.229	5.451	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	12688	26174	0.628	1.705	#
	Total Aroclor-1221			14609	72003	0.940	10.302	
	Average Aroclor-1221					0.313	3.434	
11)	L3 Aroclor-1232	5.72	8.90	12688	26174	0.696	1.827	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	25188	45558	1.846	3.792	#
13)	L3 Aroclor-1232 {3}	8.66	12.36	18576	30704	2.244	4.428	#
	Total Aroclor-1232			56452	102436	4.785	10.047	
	Average Aroclor-1232					1.595	3.349	
14)	L4 Aroclor-1242	8.28	11.78	138147	109953	3.336	3.689	
15)	L4 Aroclor-1242 {2}	9.38	12.36	69875	30704	3.592	2.323	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	67696	58702	4.007	4.412	
	Total Aroclor-1242			275717	199359	10.935	10.425	
	Average Aroclor-1242					3.645	3.475	
17)	L5 Aroclor-1248	9.38	15.08	69875	49604	2.195	2.202	
18)	L5 Aroclor-1248 {2}	10.13	15.30	67696	55019	2.471	2.357	
19)	L5 Aroclor-1248 {3}	11.43	16.31	84218	38240	2.420	2.142	
	Total Aroclor-1248			221788	142863	7.087	6.701	
	Average Aroclor-1248					2.362	2.234	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0385

Signal #1 : D:\HPCHEM\5\AU26A\C845-30.D Vial: 55
Signal #2 : D:\HPCHEM\5\AU26A\C845-30.D\CONFIRM.D
Acq On : 28 Aug 96 02:11 AM Operator: JS
Sample : VHB/ PT4 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 2:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	51535	46617	1.650	1.726
21) L6	Aroclor-1254 {2}	13.48	15.83	85947	49451	1.990	1.700
22) L6	Aroclor-1254 {3}	15.88	17.69	69526	79875	2.165	2.005
Total	Aroclor-1254			207008	175943	5.805	5.431
Average	Aroclor-1254					1.935	1.810
23) L7	Aroclor-1260	13.98	18.33	41468	27798	1.195	0.869 #
24) L7	Aroclor-1260 {2}	14.76	18.64	38342	33314	0.943	0.926
25) L7	Aroclor-1260 {3}	17.97	22.06	19585	13468	0.339	0.252 #
Total	Aroclor-1260			99394	74580	2.477	2.047
Average	Aroclor-1260					0.826	0.682
26) L8	Aroclor-1268	0.00	23.34f	0	1211	N.D.	0.282 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	1211	N.D.	0.282
Average	Aroclor-1268					0.000	0.282

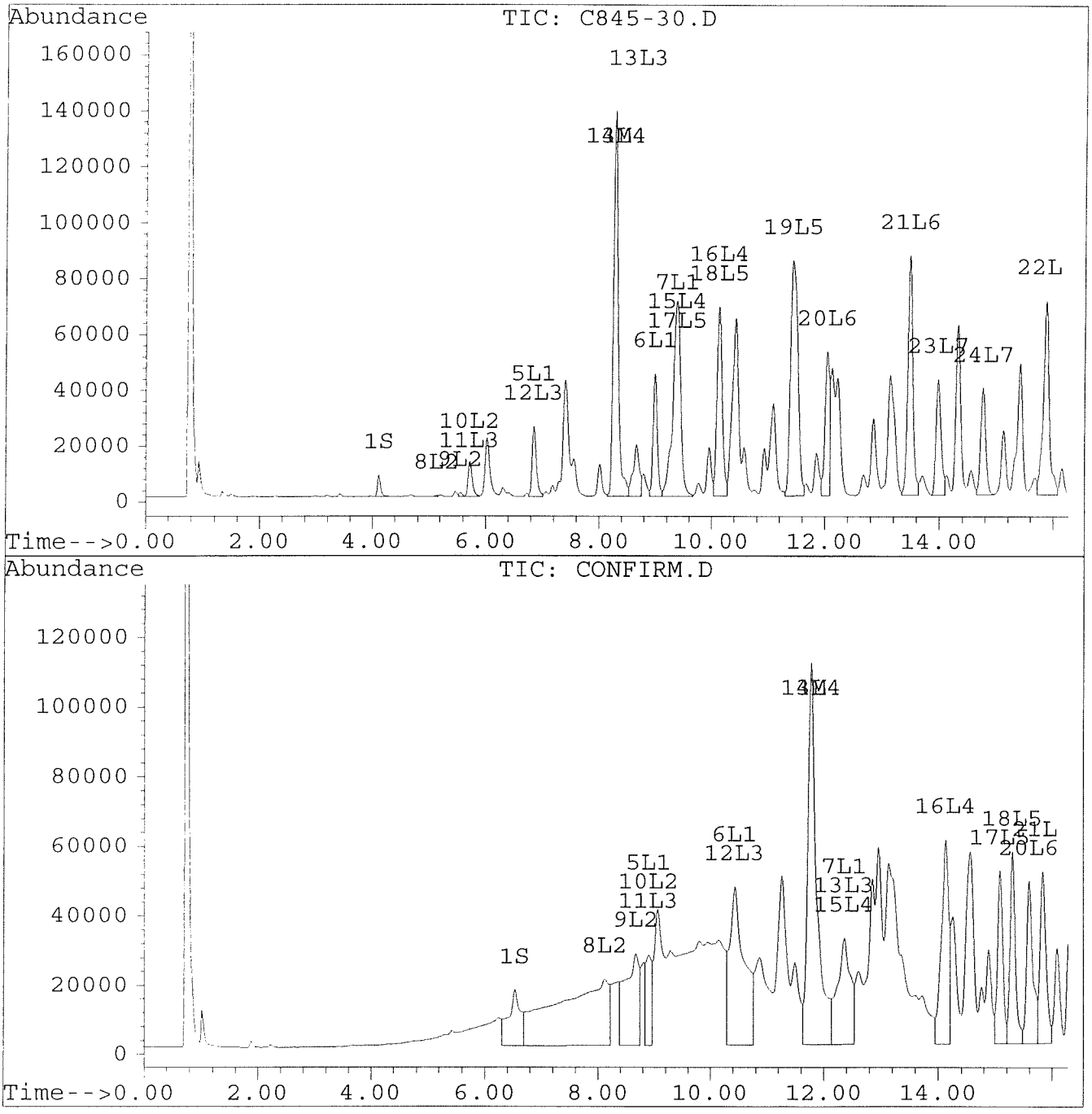
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-30.D Vial: 55
Signal #2 : D:\HPCHEM\5\AU26A\C845-30.D\CONFIRM.D
Acq On : 28 Aug 96 02:11 AM Operator: JS
Sample : VHB/ PT4 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 2:44 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



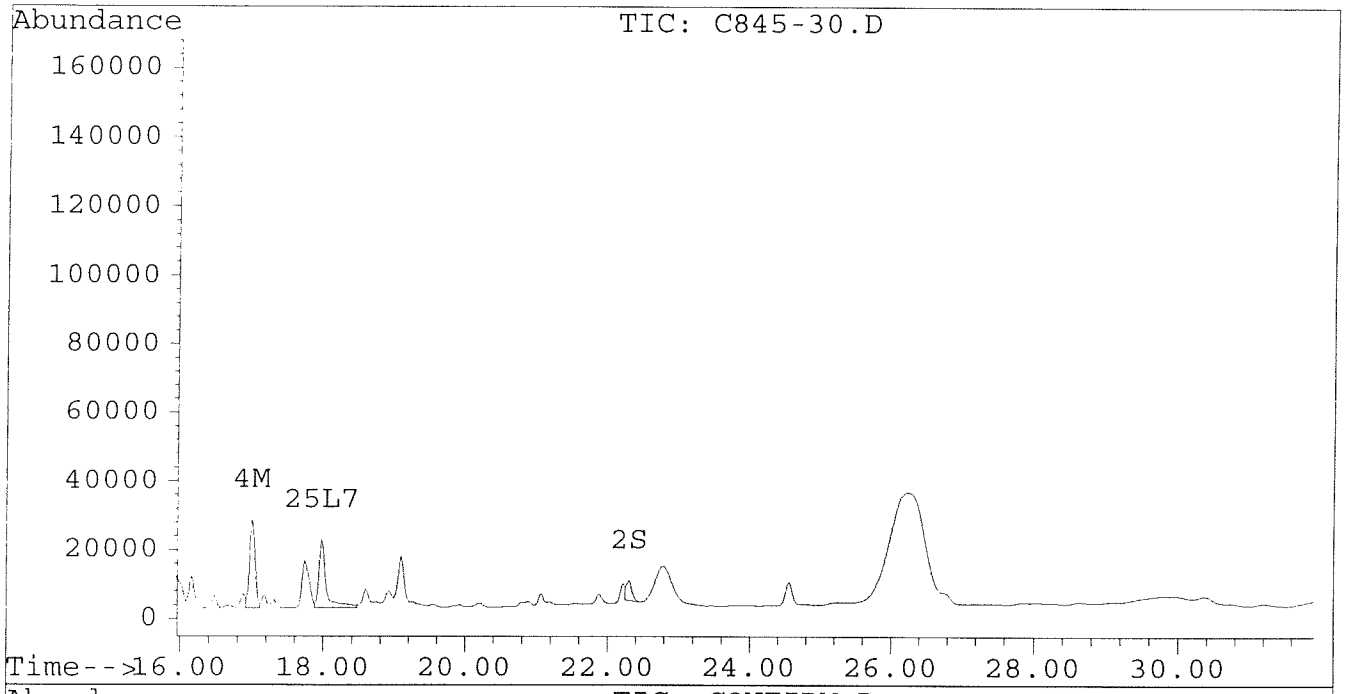
Quantitation Report

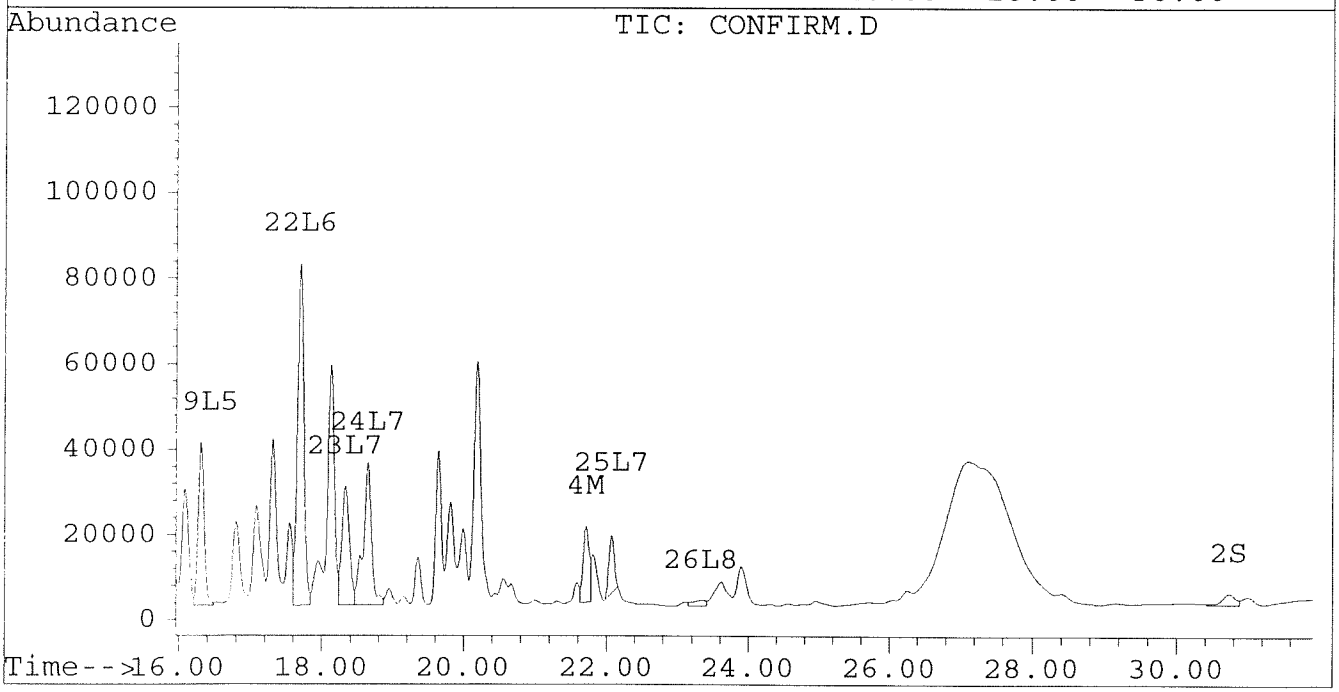
Signal #1 : D:\HPCHEM\5\AU26A\C845-30.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-30.D\CONFIRM.D
Acq On : 28 Aug 96 02:11 AM
Sample : VHB/ PT4
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 28 2:44 1996

Vial: 55
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0388

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-30A.D Vial: 88
Signal #2 : D:\HPCHEM\5\AU29\C845-30A.D\CONFIRM.D
Acq On : 01 Sep 96 02:06 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 14:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	1306	1087	0.005	0.006	
				Recovery	=	12.50%	15.00%	
2)	S Decachlorobiphenyl	22.29	30.72	1058	550	0.005	0.006	
				Recovery	=	12.50%	15.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	30672	21602	0.280	0.226	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	4776	3060	0.026	0.019	
5)	L1 Aroclor-1016	6.85	8.90	5820	1096	0.182	0.081	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	8770	5295	0.500	0.190	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	16790	3653	0.648	0.212	#
	Total Aroclor-1016			31380	10045	1.329	0.483	
	Average Aroclor-1016					0.443	0.161	
8)	L2 Aroclor-1221	5.13	8.12	119	415	0.017	0.068	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	276	953	0.047	0.195	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	2470	1096	0.122	0.071	#
	Total Aroclor-1221			2864	2465	0.186	0.335	
	Average Aroclor-1221					0.062	0.112	
11)	L3 Aroclor-1232	5.72	8.90	2470	1096	0.135	0.076	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	5820	5295	0.426	0.441	
13)	L3 Aroclor-1232 {3}	8.66	12.36	3893	3653	0.470	0.527	
	Total Aroclor-1232			12182	10045	1.032	1.044	
	Average Aroclor-1232					0.344	0.348	
14)	L4 Aroclor-1242	8.27	11.78	30672	21602	0.741	0.725	
15)	L4 Aroclor-1242 {2}	9.37	12.36	16790	3653	0.863	0.276	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	15347	11917	0.908	0.896	
	Total Aroclor-1242			62809	37173	2.512	1.897	
	Average Aroclor-1242					0.837	0.632	
17)	L5 Aroclor-1248	9.37	15.08	16790	10023	0.528	0.445	
18)	L5 Aroclor-1248 {2}	10.13	15.30	15347	10969	0.560	0.470	
19)	L5 Aroclor-1248 {3}	11.43	16.31	19108	7191	0.549	0.403	#
	Total Aroclor-1248			51245	28183	1.637	1.318	
	Average Aroclor-1248					0.546	0.439	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0389

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-30A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-30A.D\CONFIRM.D
Acq On : 01 Sep 96 02:06 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 14:40 1996

Vial: 88
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	11995	10709	0.384	0.396
21) L6 Aroclor-1254 {2}	13.48	15.83	18575	11562	0.430	0.397
22) L6 Aroclor-1254 {3}	15.87	17.69	14543	17260	0.453	0.433
Total Aroclor-1254			45112	39530	1.267	1.227
Average Aroclor-1254					0.422	0.409
23) L7 Aroclor-1260	13.98	18.32	9018	6354	0.260	0.199
24) L7 Aroclor-1260 {2}	14.76	18.64	8407	7311	0.207	0.203
25) L7 Aroclor-1260 {3}	17.97	22.06	3942	2421	0.068	0.045 #
Total Aroclor-1260			21367	16086	0.535	0.447
Average Aroclor-1260					0.178	0.149
26) L8 Aroclor-1268	0.00	23.32	0	312	N.D.	0.073 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.12	0	418	N.D.	NoCal
Total Aroclor-1268			0	312	N.D.	0.073
Average Aroclor-1268					0.000	0.073

~~D~~. AR 1242

$\frac{1.604 \times 10}{0.0302 \times .91 \times .666} \times 5 = 4381$

4400

$\frac{0.893 \times 10}{0.0302 \times .91 \times .666} \times 5 = 2412$

2,400

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

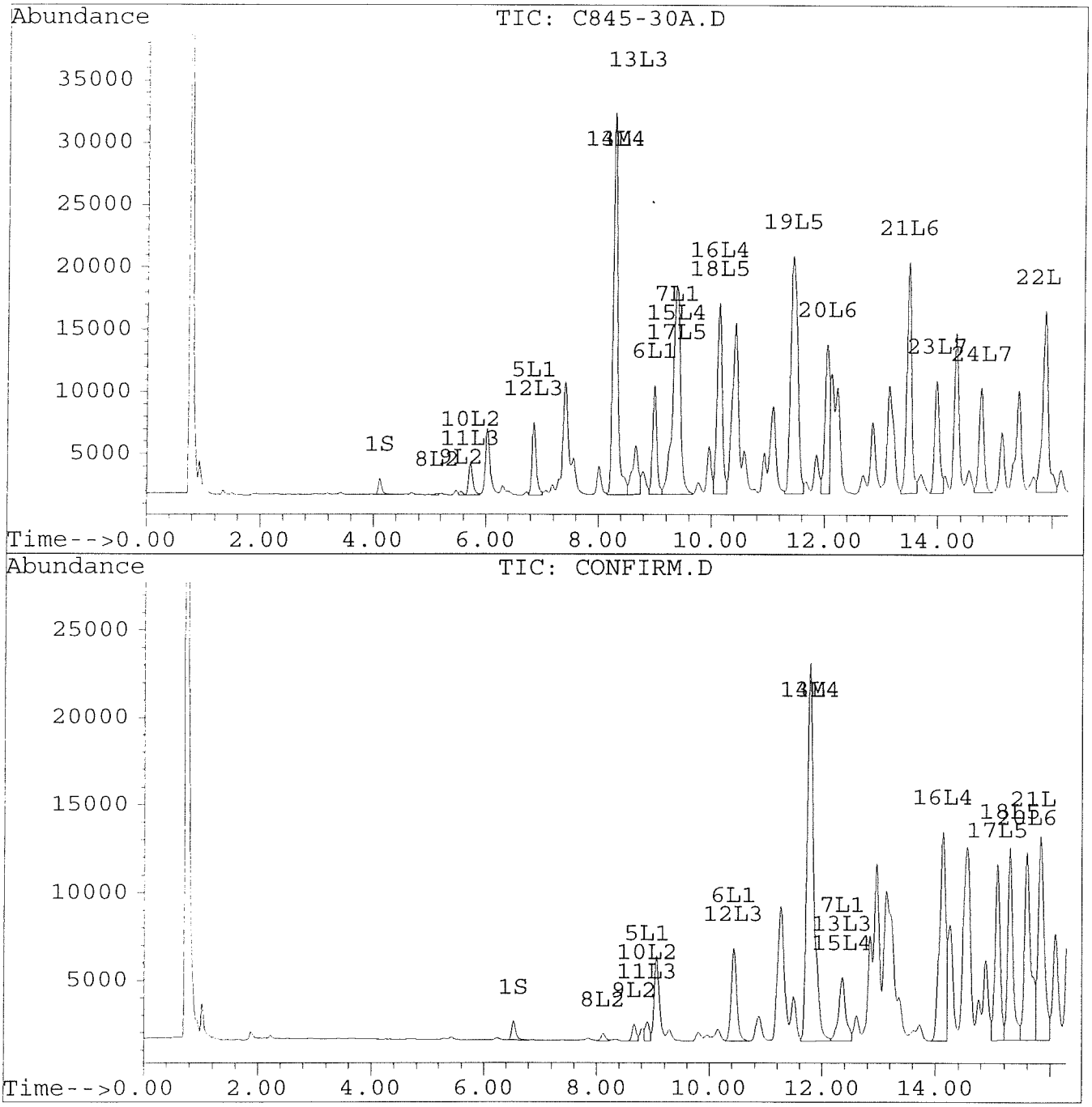
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-30A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-30A.D\CONFIRM.D
Acq On : 01 Sep 96 02:06 PM
Sample : VHB/ 1:5 DILUTION
Misc :
Quant Time: Sep 1 14:40 1996

Vial: 88
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



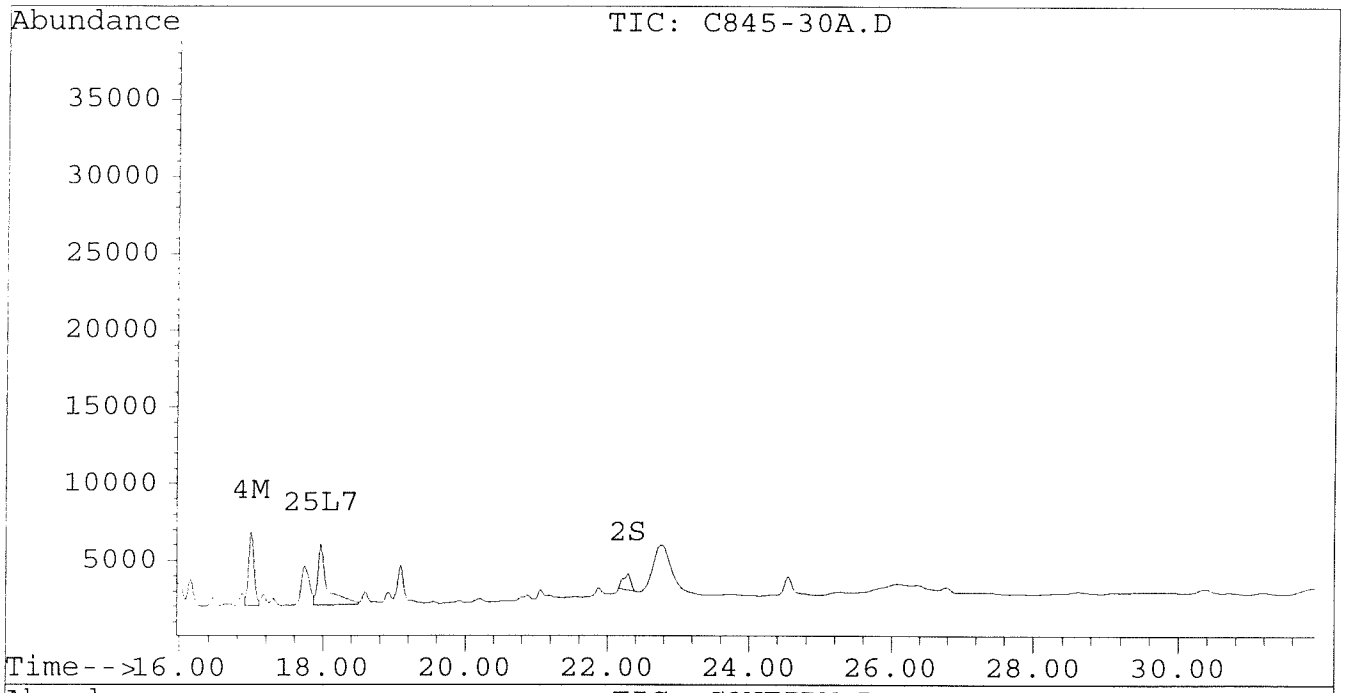
0391

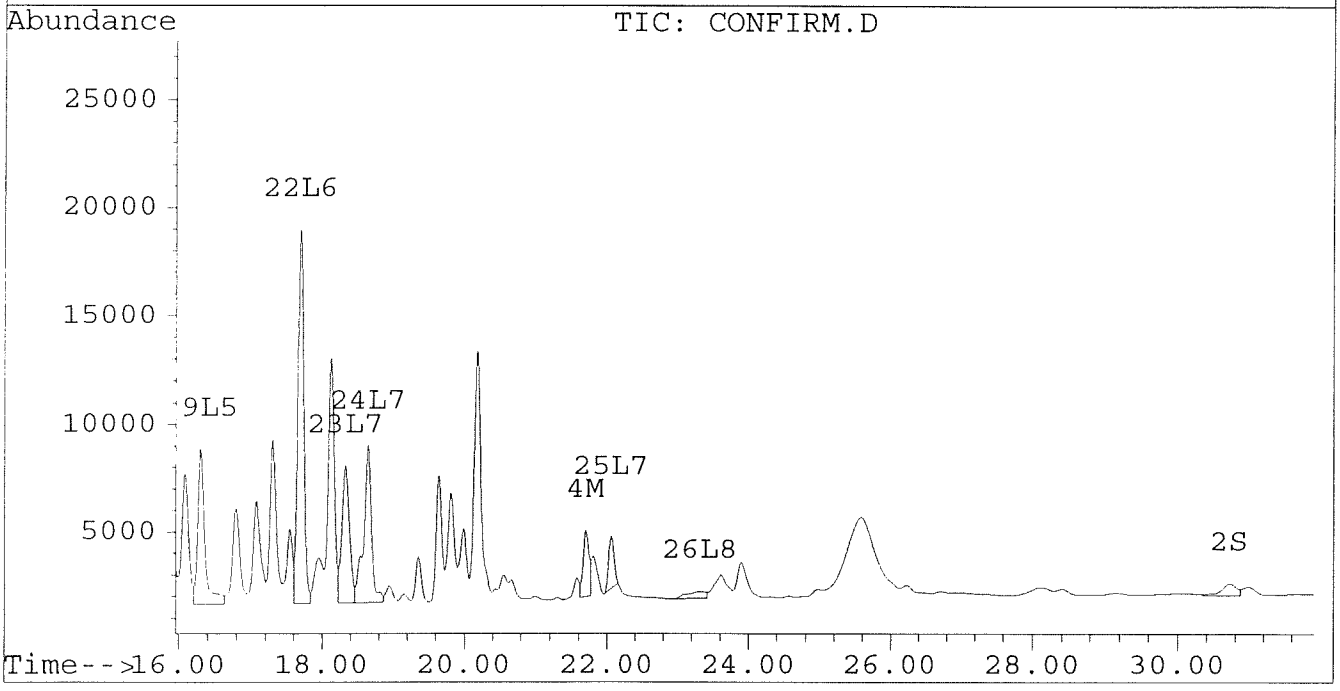
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-30A.D Vial: 88
Signal #2 : D:\HPCHEM\5\AU29\C845-30A.D\CONFIRM.D
Acq On : 01 Sep 96 02:06 PM Operator: JS
Sample : VHB/ 1:5 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 14:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-31.D Vial: 56
Signal #2 : D:\HPCHEM\5\AU26A\C845-31.D\CONFIRM.D
Acq On : 28 Aug 96 02:46 AM Operator: JS
Sample : VHB/ PT5 Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 3:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	5945	5165	0.025	0.027	
					Recovery	=	62.50%	67.50%	
2)	S	Decachlorobiphenyl	22.30	30.73	6124	2436	0.029	0.028	
					Recovery	=	72.50%	70.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.28	11.78	374993	286346	3.424	2.990	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	67822	46444	0.363	0.296	
5)	L1	Aroclor-1016	6.85	8.90	79981	19704	2.498	1.464	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	117150	72249	6.679	2.588	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	199864	49715	7.708	2.881	#
	Total	Aroclor-1016			396994	141668	16.885	6.933	
	Average	Aroclor-1016					5.628	2.311	
8)	L2	Aroclor-1221	5.13	8.12	2345	4623	0.335	0.756	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	4780	21820	0.819	4.474	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	42863	19704	2.121	1.283	#
	Total	Aroclor-1221			49988	46147	3.275	6.513	
	Average	Aroclor-1221					1.092	2.171	
11)	L3	Aroclor-1232	5.72	8.90	42863	19704	2.350	1.375	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	79981	72249	5.860	6.014	
13)	L3	Aroclor-1232 {3}	8.66	12.36	58511	49715	7.069	7.170	
	Total	Aroclor-1232			181354	141668	15.279	14.558	
	Average	Aroclor-1232					5.093	4.853	
14)	L4	Aroclor-1242	8.28	11.78	374993	286346	9.056	9.608	
15)	L4	Aroclor-1242 {2}	9.38	12.36	199864	49715	10.273	3.762	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	188761	149217	11.172	11.215	
	Total	Aroclor-1242			763618	485278	30.502	24.585	
	Average	Aroclor-1242					10.167	8.195	
17)	L5	Aroclor-1248	9.38	15.08	199864	124210	6.280	5.514	
18)	L5	Aroclor-1248 {2}	10.13	15.30	188761	140523	6.891	6.020	
19)	L5	Aroclor-1248 {3}	11.43	16.31	221219	98798	6.358	5.533	
	Total	Aroclor-1248			609844	363531	19.529	17.067	
	Average	Aroclor-1248					6.510	5.689	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-31.D Vial: 56
Signal #2 : D:\HPCHEM\5\AU26A\C845-31.D\CONFIRM.D
Acq On : 28 Aug 96 02:46 AM Operator: JS
Sample : VHB/ PT5 Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 3:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	139061	126423	4.453	4.680
21) L6 Aroclor-1254 {2}	13.49	15.84	223358	131799	5.172	4.530
22) L6 Aroclor-1254 {3}	15.88	17.69	171992	206824	5.355	5.193
Total Aroclor-1254			534410	465046	14.980	14.402
Average Aroclor-1254					4.993	4.801
23) L7 Aroclor-1260	13.98	18.33	106907	71838	3.081	2.247 #
24) L7 Aroclor-1260 {2}	14.77	18.64	93277	85583	2.294	2.379
25) L7 Aroclor-1260 {3}	17.98	22.07	54278	41557	0.939	0.777
Total Aroclor-1260			254462	198978	6.314	5.403
Average Aroclor-1260					2.105	1.801
26) L8 Aroclor-1268	0.00	23.33f	0	1748	N.D.	0.407 #
27) L8 Aroclor-1268 {2}	0.00	23.55	0	9110	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1748	N.D.	0.407
Average Aroclor-1268					0.000	0.407

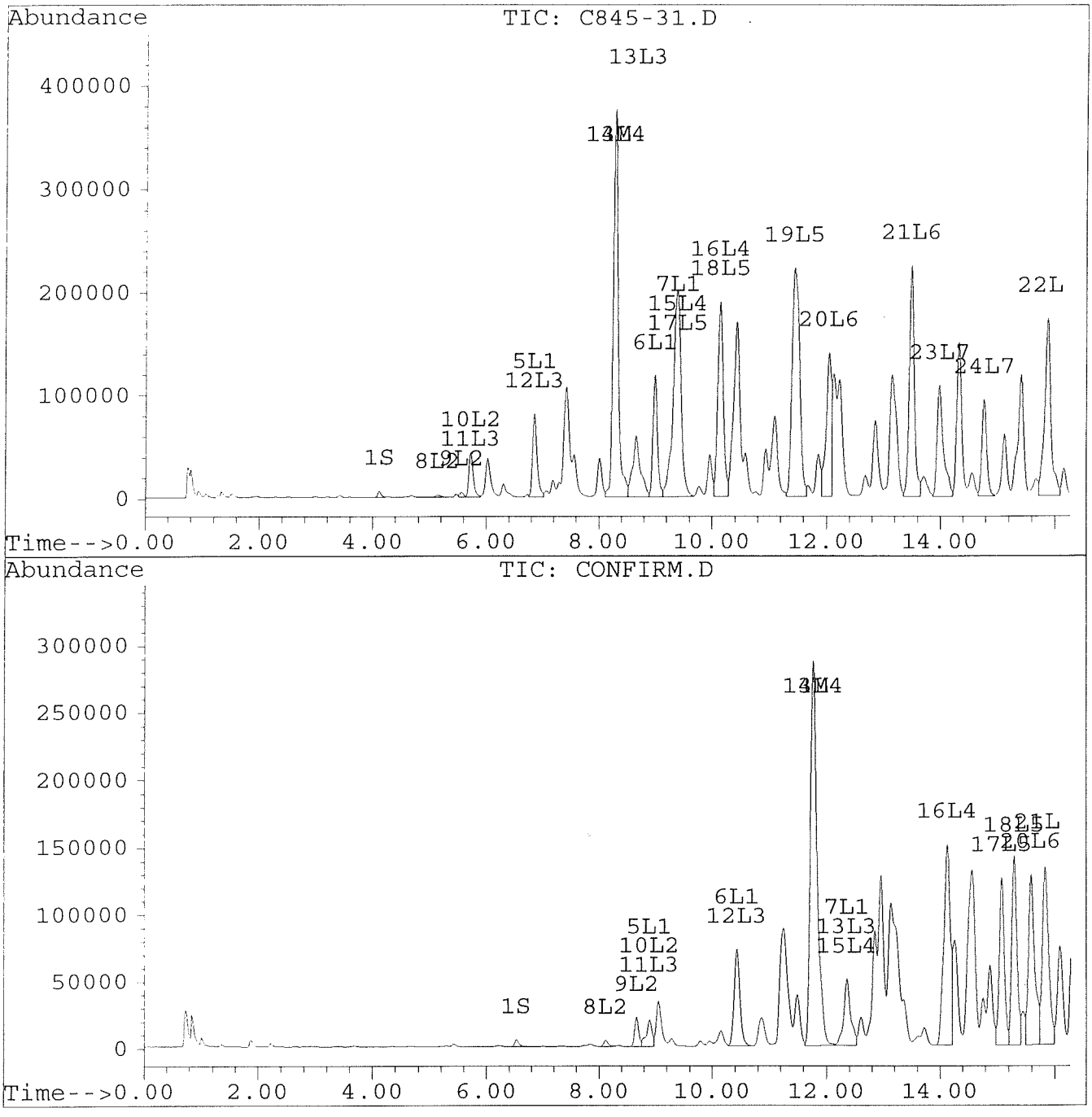
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-31.D Vial: 56
Signal #2 : D:\HPCHEM\5\AU26A\C845-31.D\CONFIRM.D
Acq On : 28 Aug 96 02:46 AM Operator: JS
Sample : VHB/ PT5 Inst : ECD1
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 3:20 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-31.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-31.D\CONFIRM.D
Acq On : 28 Aug 96 02:46 AM
Sample : VHB/ PT5
Misc : 30.5G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 28 3:20 1996

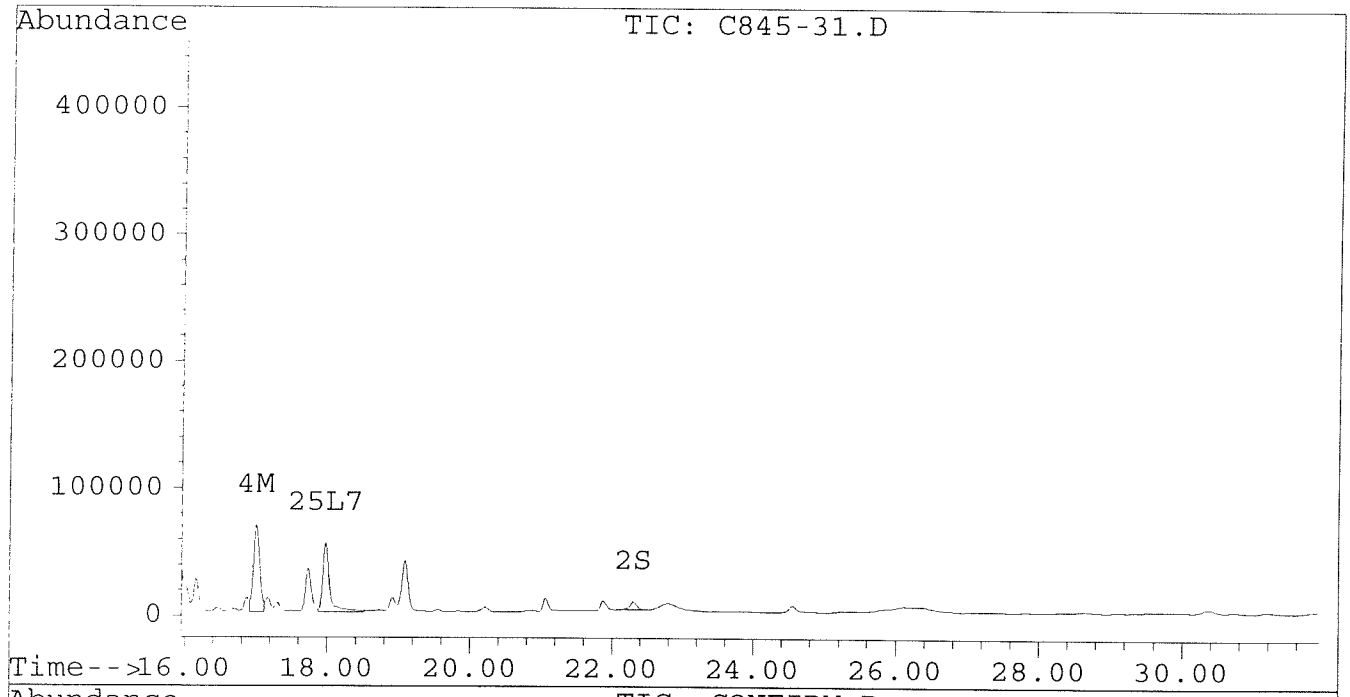
Vial: 56

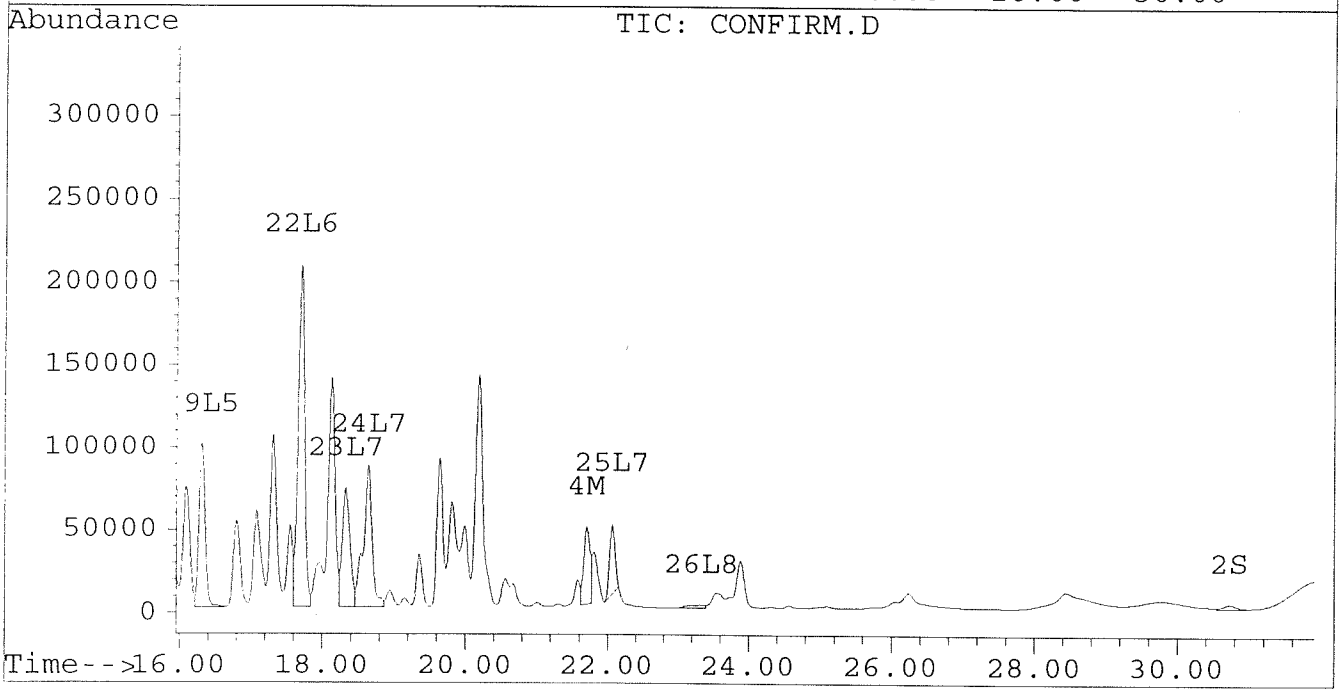
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-31A.D Vial: 94
Signal #2 : D:\HPCHEM\5\AU29\C845-31A.D\CONFIRM.D
Acq On : 01 Sep 96 05:38 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 18:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	311	286	0.001	0.001	
					Recovery	=	2.50%	2.50%	
2)	S	Decachlorobiphenyl	22.29	30.74	554	87	0.003	0.001	#
					Recovery	=	7.50%	2.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	10479	7279	0.096	0.076	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.71	2071	1412	0.011	0.009	
5)	L1	Aroclor-1016	6.85	8.90	2196	356	0.069	0.026	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	2971	2004	0.169	0.072	#
7)	L1	Aroclor-1016 {3}	9.37	12.36	6069	1265	0.234	0.073	#
	Total	Aroclor-1016			11236	3625	0.472	0.172	
	Average	Aroclor-1016					0.157	0.057	
8)	L2	Aroclor-1221	5.13	8.12	42	123	0.006	0.020	#
9)	L2	Aroclor-1221 {2}	5.55	8.67	86	547	0.015	0.112	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	1050	356	0.052	0.023	#
	Total	Aroclor-1221			1177	1026	0.073	0.156	
	Average	Aroclor-1221					0.024	0.052	
11)	L3	Aroclor-1232	5.72	8.90	1050	356	0.058	0.025	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	2196	2004	0.161	0.167	
13)	L3	Aroclor-1232 {3}	8.66	12.36	1404	1265	0.170	0.182	
	Total	Aroclor-1232			4650	3625	0.388	0.374	
	Average	Aroclor-1232					0.129	0.125	
14)	L4	Aroclor-1242	8.27	11.78	10479	7279	0.253	0.244	
15)	L4	Aroclor-1242 {2}	9.37	12.36	6069	1265	0.312	0.096	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	5089	3993	0.301	0.300	
	Total	Aroclor-1242			21637	12536	0.866	0.640	
	Average	Aroclor-1242					0.289	0.213	
17)	L5	Aroclor-1248	9.37	15.08	6069	4109	0.191	0.182	
18)	L5	Aroclor-1248 {2}	10.13	15.30	5089	3564	0.186	0.153	
19)	L5	Aroclor-1248 {3}	11.43	16.31	7706	2235	0.221	0.125	#
	Total	Aroclor-1248			18863	9909	0.598	0.460	
	Average	Aroclor-1248					0.199	0.153	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-31A.D Vial: 94
Signal #2 : D:\HPCHEM\5\AU29\C845-31A.D\CONFIRM.D
Acq On : 01 Sep 96 05:38 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 18:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	5290	4096	0.169	0.152
21) L6	Aroclor-1254 {2}	13.48	15.84	7853	5035	0.182	0.173
22) L6	Aroclor-1254 {3}	15.87	17.69	6542	7193	0.204	0.181
Total	Aroclor-1254			19684	16324	0.555	0.505
Average	Aroclor-1254					0.185	0.168
23) L7	Aroclor-1260	13.98	18.33	3764	2597	0.108	0.081 #
24) L7	Aroclor-1260 {2}	14.76	18.64	3681	3282	0.091	0.091
25) L7	Aroclor-1260 {3}	17.97	22.06	1571	861	0.027	0.016 #
Total	Aroclor-1260			9016	6740	0.226	0.189
Average	Aroclor-1260					0.075	0.063
26) L8	Aroclor-1268	0.00	23.34f	0	758	N.D.	0.176 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	758	N.D.	0.176
Average	Aroclor-1268					0.000	0.176

AR1242

$$\frac{0.565 \times 10}{0.0305 \times .88 \times .666} \times 20 = 4321$$

6300

AR1254

$$\frac{0.386 \times 10}{0.0305 \times .88 \times .666} \times 20 = 4318$$

4300

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

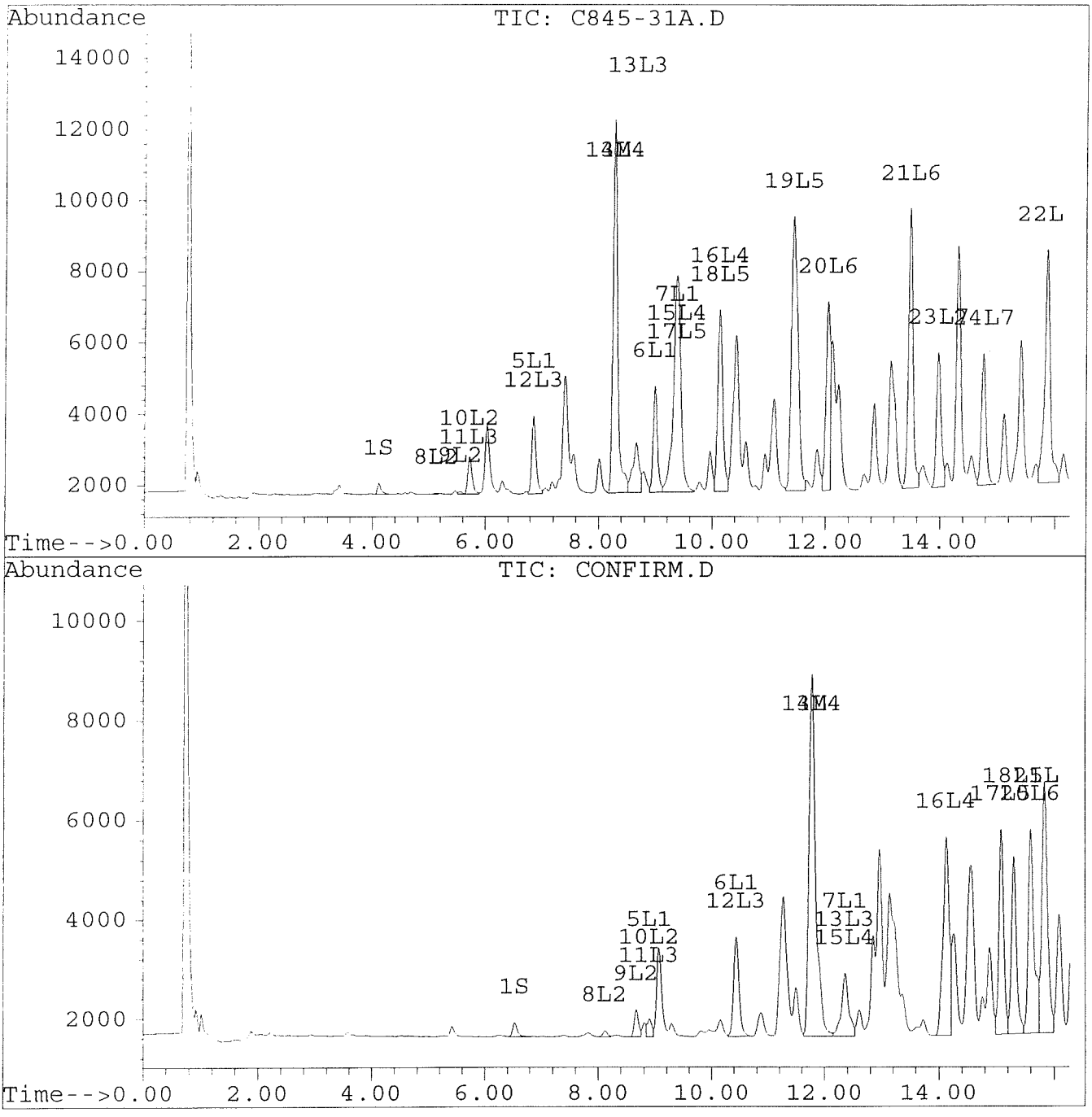
0398

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-31A.D Vial: 94
Signal #2 : D:\HPCHEM\5\AU29\C845-31A.D\CONFIRM.D
Acq On : 01 Sep 96 05:38 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 18:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



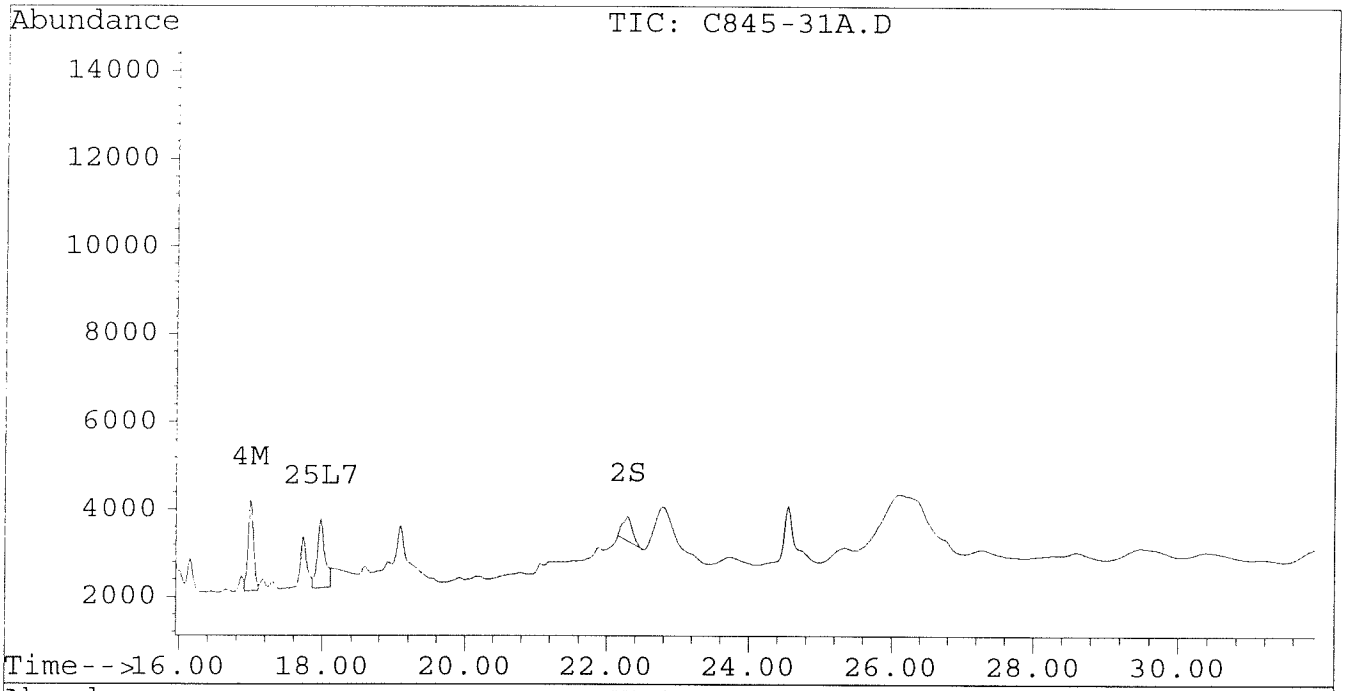
Quantitation Report

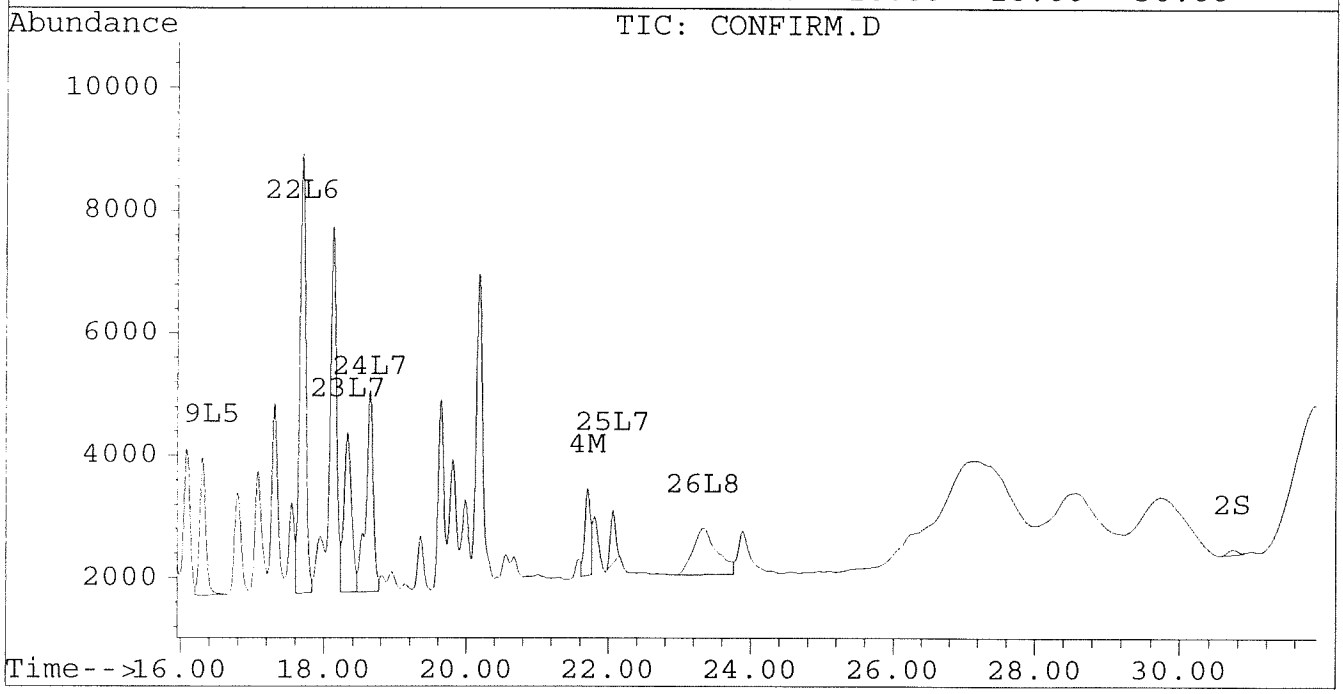
Signal #1 : D:\HPCHEM\5\AU29\C845-31A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-31A.D\CONFIRM.D
Acq On : 01 Sep 96 05:38 PM
Sample : VHB/ 1:20 DILUTION
Misc :
Quant Time: Sep 1 18:12 1996

Vial: 94
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-32D.D Vial: 45
Signal #2 : D:\HPCHEM\5\SE3\C845-32D.D\CONFIRM.D
Acq On : 04 Sep 96 07:37 PM Operator: JS
Sample : VHB / PT6 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID Multiplr: 1.00
Quant Time: Sep 4 20:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.46	496	1337	0.002	0.007 #
					Recovery	=	5.00%	17.50%
2)	S	Decachlorobiphenyl	22.20	30.49	275	381	0.001	0.004 #
					Recovery	=	2.50%	10.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.70	55140	32449	0.503	0.339 #
4)	M	2,2',3,3',4,4'-Hexa	16.90	21.60	5259	3298	0.028	0.021 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.15	0.00	200	0	0.029	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			200	0	0.029	N.D.
		Average Aroclor-1221					0.029	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.71f	0.00	6821	0	0.824	N.D. #
		Total Aroclor-1232			6821	0	0.824	N.D.
		Average Aroclor-1232					0.824	0.000
14)	L4	Aroclor-1242	8.20	11.70	55140	32449	1.332	1.089
15)	L4	Aroclor-1242 {2}	9.30	12.24f	23311	8741	1.198	0.661 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	21045	16877	1.246	1.268
		Total Aroclor-1242			99495	58067	3.775	3.019
		Average Aroclor-1242					1.258	1.006
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-32D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-32D.D\CONFIRM.D
Acq On : 04 Sep 96 07:37 PM
Sample : VHB / PT6 1:10 DILUTION
Misc : 30.3G/10ML 92% SOLID
Quant Time: Sep 4 20:11 1996

Vial: 45
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	14608	13071	0.468	0.484
21) L6 Aroclor-1254 {2}	13.39	15.74	22308	14196	0.517	0.488
22) L6 Aroclor-1254 {3}	15.78	17.59	15730	19801	0.490	0.497
Total Aroclor-1254			52645	47069	1.474	1.469
Average Aroclor-1254					0.491	0.490
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	1154	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	2727	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	1067	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.53 \quad \times 10}{0.0303 \times .92 \times .666} \times 10 = 13,627$

14000

AR1254

$\frac{2.53 \quad \times 10}{0.0303 \times .92 \times .666} \times 10 = 5424$

5,400

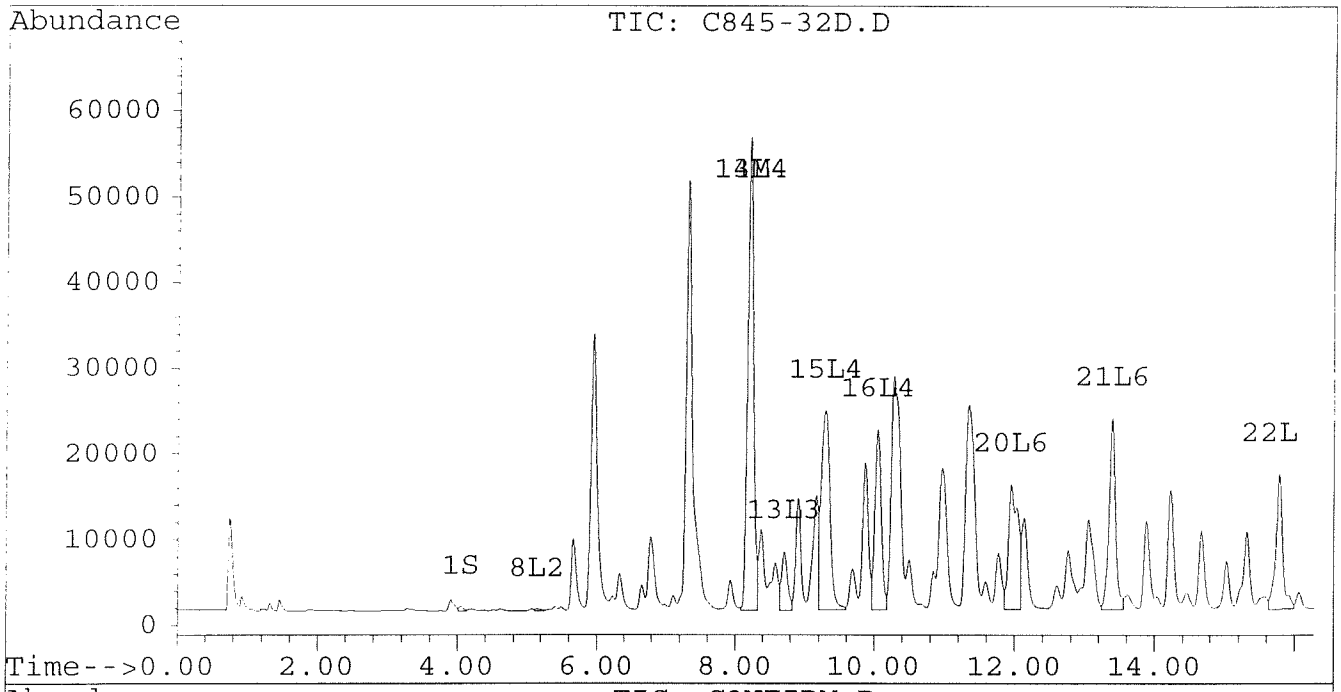
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

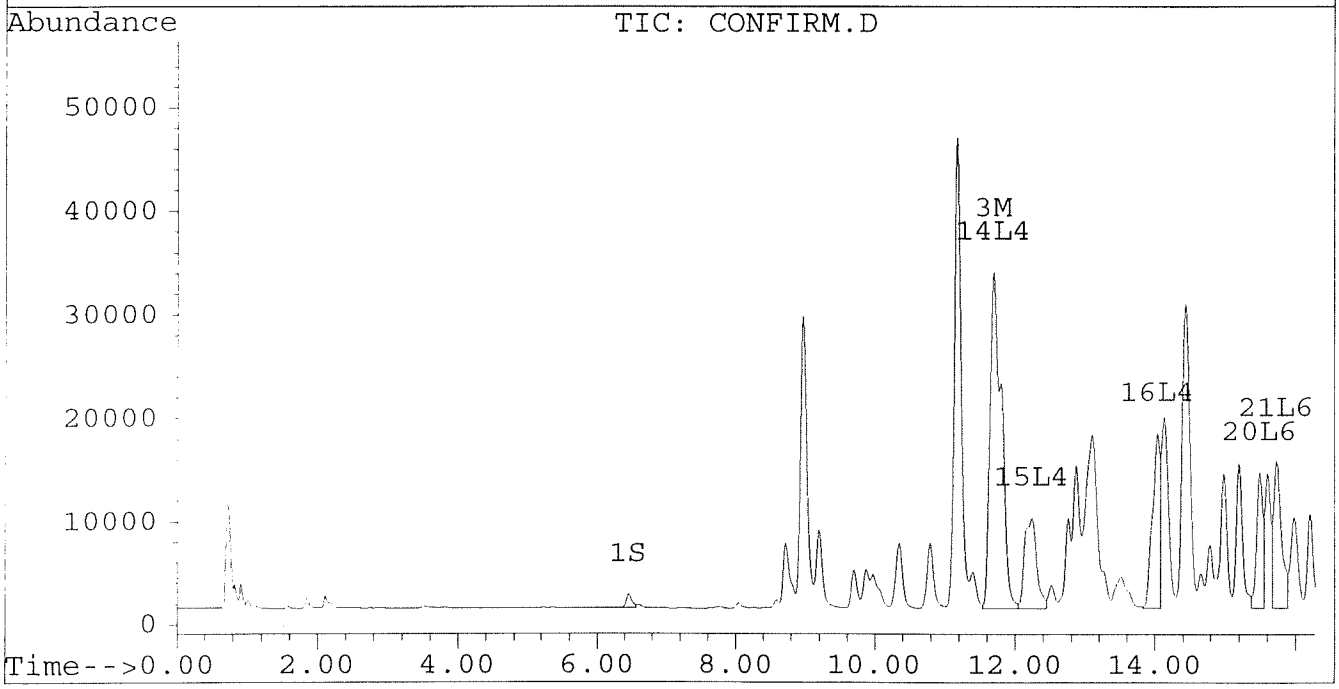
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-32D.D Vial: 45
Signal #2 : D:\HPCHEM\5\SE3\C845-32D.D\CONFIRM.D
Acq On : 04 Sep 96 07:37 PM Operator: JS
Sample : VHB / PT6 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID Multiplr: 1.00
Quant Time: Sep 4 20:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0405

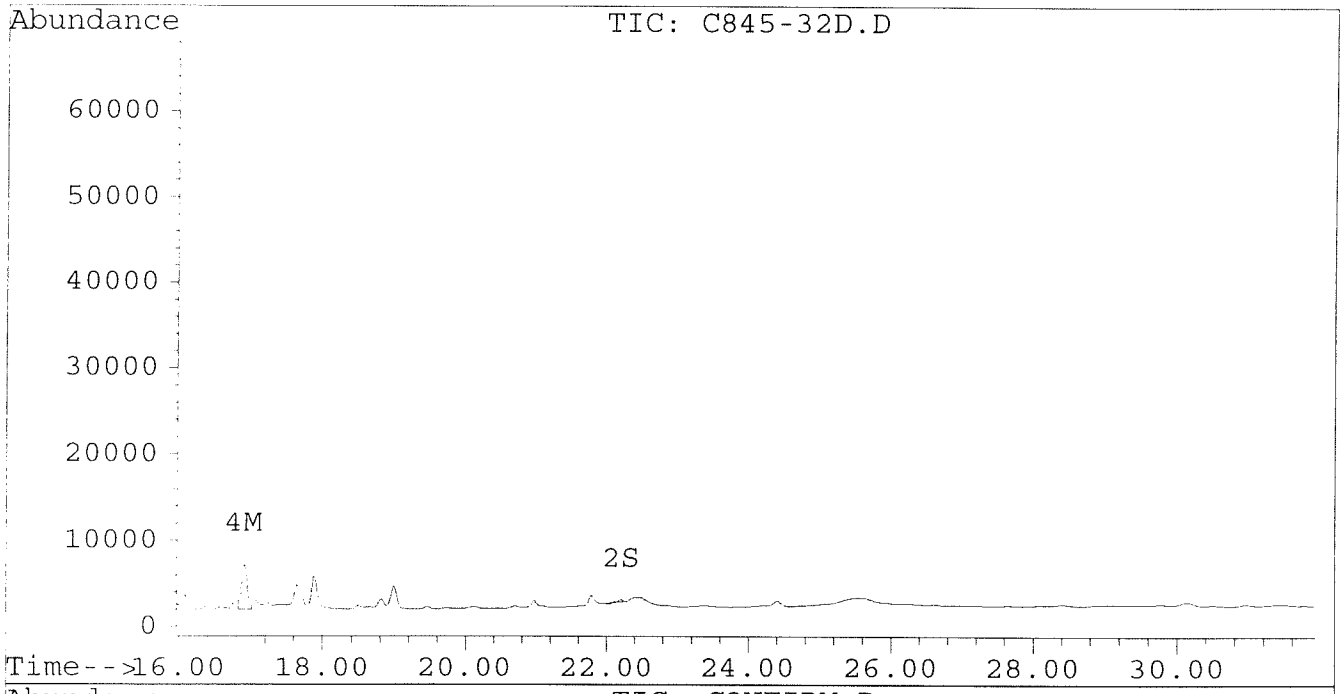
Quantitation Report

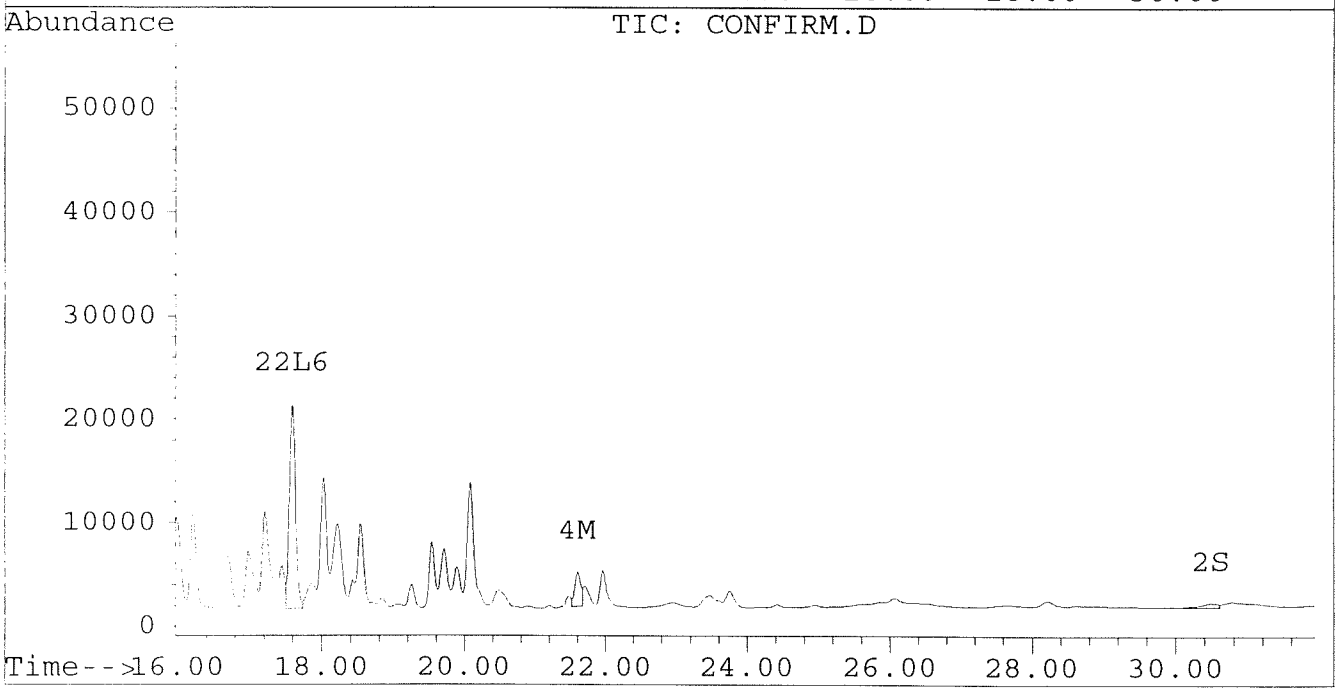
Signal #1 : D:\HPCHEM\5\SE3\C845-32D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-32D.D\CONFIRM.D
Acq On : 04 Sep 96 07:37 PM
Sample : VHB / PT6 1:10 DILUTION
Misc : 30.3G/10ML 92% SOLID
Quant Time: Sep 4 20:11 1996

Vial: 45
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-32.D Vial: 57
Signal #2 : D:\HPCHEM\5\AU26A\C845-32.D\CONFIRM.D
Acq On : 28 Aug 96 03:22 AM Operator: JS
Sample : VHB/ PT6 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 3:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	3860	8887	0.016	0.047 #
				Recovery	=	40.00%	117.50%
2) S	Decachlorobiphenyl	22.30	30.73	5825	2066	0.028	0.023
				Recovery	=	70.00%	57.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	345014	208575	3.150	2.178 #
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	40596	27854	0.217	0.177
5) L1	Aroclor-1016	6.86	0.00	51915	0	1.621	N.D. #
6) L1	Aroclor-1016 {2}	8.99	10.43	91303	38097	5.205	1.364 #
7) L1	Aroclor-1016 {3}	9.38	12.32f	133941	53465	5.166	3.098 #
Total	Aroclor-1016			277159	91562	11.993	4.463
Average	Aroclor-1016					3.998	2.231
8) L2	Aroclor-1221	5.13	8.12	1284	4318	0.183	0.706 #
9) L2	Aroclor-1221 {2}	5.56	8.67	2826	6817	0.484	1.398 #
10) L2	Aroclor-1221 {3}	5.73	0.00	50276	0	2.488	N.D. #
Total	Aroclor-1221			54385	11135	3.156	2.104
Average	Aroclor-1221					1.052	1.052
11) L3	Aroclor-1232	5.73	0.00	50276	0	2.756	N.D. #
12) L3	Aroclor-1232 {2}	6.86	10.43	51915	38097	3.804	3.171
13) L3	Aroclor-1232 {3}	8.66	12.32f	37621	53465	4.545	7.710 #
Total	Aroclor-1232			139812	91562	11.105	10.881
Average	Aroclor-1232					3.702	5.441
14) L4	Aroclor-1242	8.28	11.78	345014	208575	8.332	6.998
15) L4	Aroclor-1242 {2}	9.38	12.32f	133941	53465	6.885	4.046 #
16) L4	Aroclor-1242 {3}	10.13	14.13	127615	101570	7.553	7.634
Total	Aroclor-1242			606570	363610	22.770	18.678
Average	Aroclor-1242					7.590	6.226
17) L5	Aroclor-1248	9.38	15.08	133941	86824	4.208	3.854
18) L5	Aroclor-1248 {2}	10.13	15.30	127615	96110	4.659	4.117
19) L5	Aroclor-1248 {3}	11.43	16.31	148749	72303	4.275	4.049
Total	Aroclor-1248			410305	255237	13.143	12.021
Average	Aroclor-1248					4.381	4.007

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0405

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-32.D Vial: 57
Signal #2 : D:\HPCHEM\5\AU26A\C845-32.D\CONFIRM.D
Acq On : 28 Aug 96 03:22 AM Operator: JS
Sample : VHB/ PT6 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 3:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	86787	78764	2.779	2.915
21) L6 Aroclor-1254 {2}	13.48	15.83	142361	83313	3.297	2.863
22) L6 Aroclor-1254 {3}	15.87	17.69	106776	127544	3.325	3.202
Total Aroclor-1254			335924	289621	9.400	8.981
Average Aroclor-1254					3.133	2.994
23) L7 Aroclor-1260	13.98	18.32	66321	48949	1.911	1.531
24) L7 Aroclor-1260 {2}	14.76	18.64	57958	52223	1.425	1.452
25) L7 Aroclor-1260 {3}	17.97	22.07	30398	23195	0.526	0.434
Total Aroclor-1260			154677	124367	3.862	3.417
Average Aroclor-1260					1.287	1.139
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

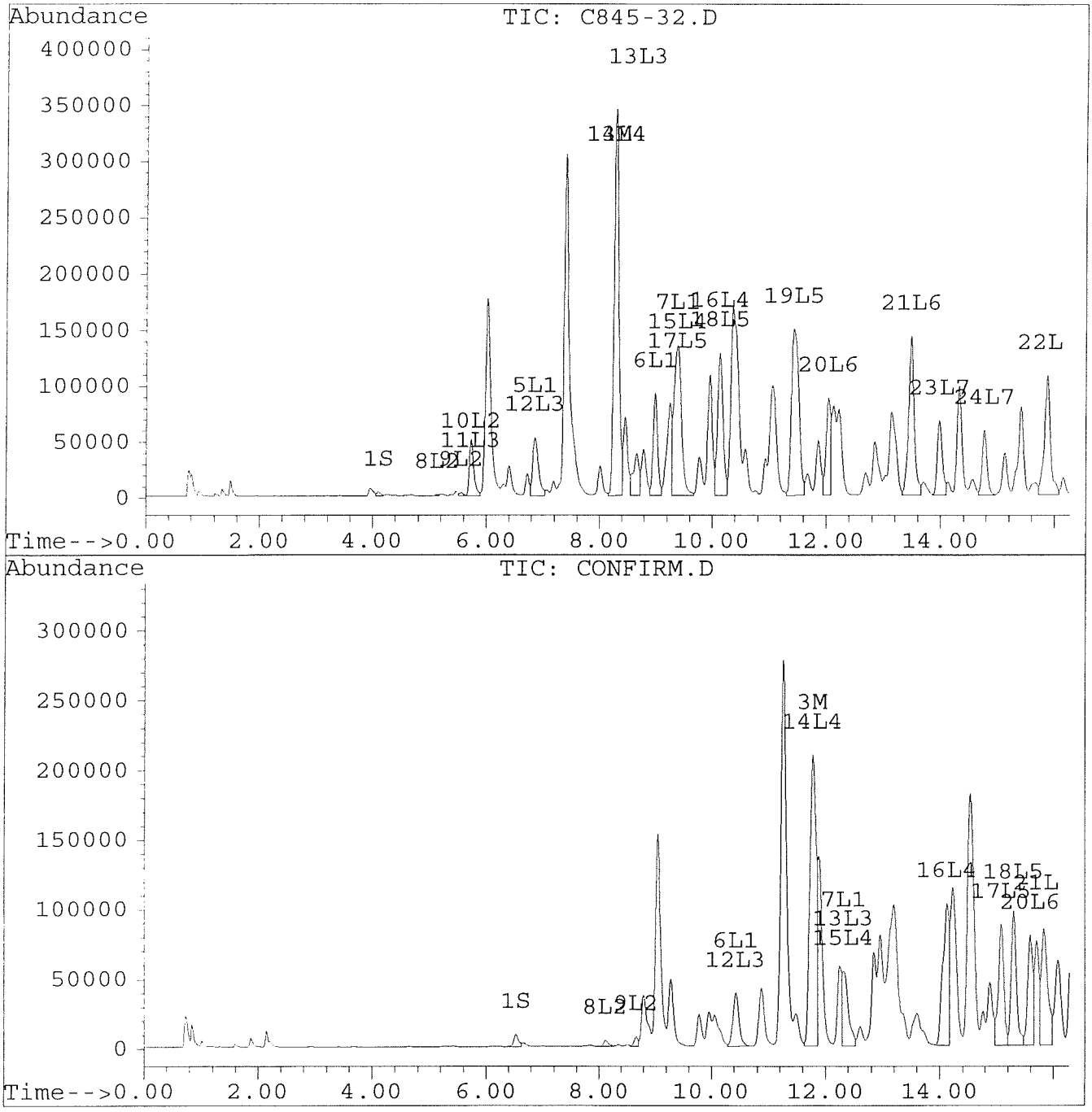
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-32.D Vial: 57
Signal #2 : D:\HPCHEM\5\AU26A\C845-32.D\CONFIRM.D
Acq On : 28 Aug 96 03:22 AM Operator: JS
Sample : VHB/ PT6 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 3:55 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0407

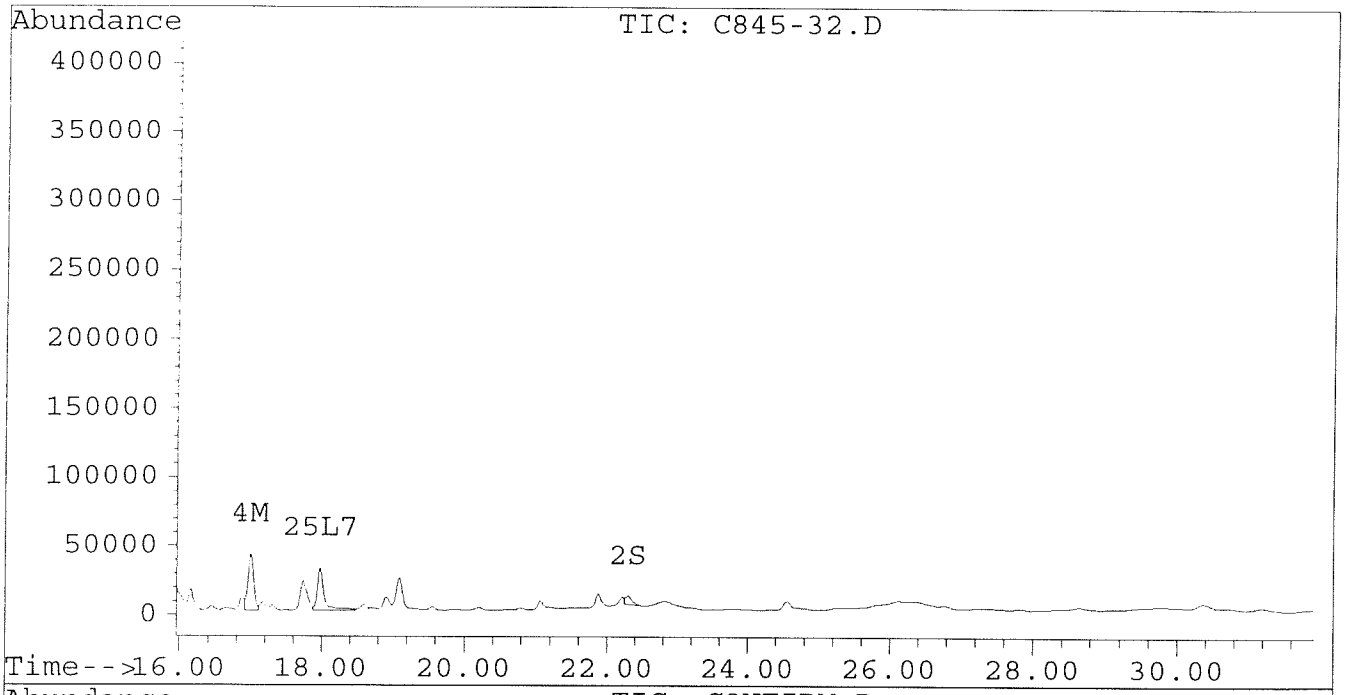
Quantitation Report

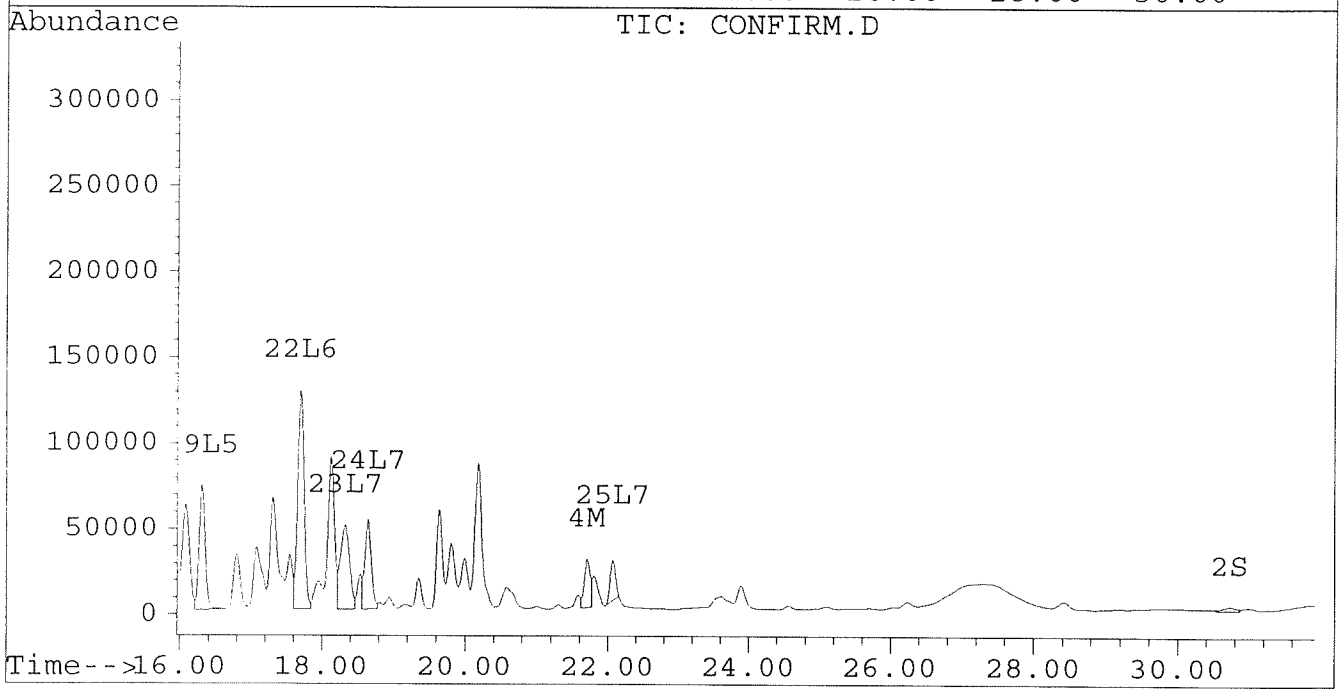
Signal #1 : D:\HPCHEM\5\AU26A\C845-32.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-32.D\CONFIRM.D
Acq On : 28 Aug 96 03:22 AM
Sample : VHB/ PT6
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 28 3:55 1996

Vial: 57
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-33.D Vial: 61
Signal #2 : D:\HPCHEM\5\AU26A\C845-33.D\CONFIRM.D
Acq On : 28 Aug 96 05:44 AM Operator: JS
Sample : VHB/ PU4 Inst : ECD1
Misc : 30.1G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 6:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	7066	6102	0.030	0.032	
				Recovery	=	75.00%	80.00%	
2) S	Decachlorobiphenyl	0.00	30.73	0	3110	N.D.	0.035	#
				Recovery	=	0.00%	87.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	469208	351063	4.284	3.665	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	121193	88568	0.648	0.564	
5) L1	Aroclor-1016	6.85	8.90	88686	17522	2.770	1.302	#
6) L1	Aroclor-1016 {2}	8.99	10.43	148828	80754	8.485	2.892	#
7) L1	Aroclor-1016 {3}	9.38	12.36	242483	61465	9.352	3.562	#
Total	Aroclor-1016			479997	159741	20.607	7.756	
Average	Aroclor-1016					6.869	2.585	
8) L2	Aroclor-1221	5.13	8.12	2133	3351	0.304	0.548	#
9) L2	Aroclor-1221 {2}	5.56	8.67	4350	14129	0.746	2.897	#
10) L2	Aroclor-1221 {3}	5.72	8.90	35925	17522	1.778	1.141	#
Total	Aroclor-1221			42407	35002	2.828	4.586	
Average	Aroclor-1221					0.943	1.529	
11) L3	Aroclor-1232	5.72	8.90	35925	17522	1.970	1.223	#
12) L3	Aroclor-1232 {2}	6.85	10.43	88686	80754	6.498	6.722	
13) L3	Aroclor-1232 {3}	8.66	12.36	66770	61465	8.066	8.864	
Total	Aroclor-1232			191381	159741	16.534	16.809	
Average	Aroclor-1232					5.511	5.603	
14) L4	Aroclor-1242	8.27	11.78	469208	351063	11.332	11.779	
15) L4	Aroclor-1242 {2}	9.38	12.36	242483	61465	12.464	4.651	#
16) L4	Aroclor-1242 {3}	10.13	14.13	236830	190199	14.017	14.296	
Total	Aroclor-1242			948520	602728	37.813	30.726	
Average	Aroclor-1242					12.604	10.242	
17) L5	Aroclor-1248	9.38	15.08	242483	186964	7.619	8.300	
18) L5	Aroclor-1248 {2}	10.13	15.30	236830	200326	8.646	8.582	
19) L5	Aroclor-1248 {3}	11.43	16.31	316605	150454	9.099	8.426	
Total	Aroclor-1248			795918	537744	25.364	25.307	
Average	Aroclor-1248					8.455	8.436	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0409

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-33.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-33.D\CONFIRM.D
Acq On : 28 Aug 96 05:44 AM
Sample : VHB/ PU4
Misc : 30.1G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 28 6:18 1996

Vial: 61
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	201075	177790	6.438	6.581
21) L6	Aroclor-1254 {2}	13.48	15.84	348028	197349	8.059	6.783
22) L6	Aroclor-1254 {3}	15.88	17.70	299813	329657	9.335	8.277
Total	Aroclor-1254			848917	704797	23.833	21.640
Average	Aroclor-1254					7.944	7.213
23) L7	Aroclor-1260	13.98	18.33	167297	117261	4.821	3.667
24) L7	Aroclor-1260 {2}	14.76	18.64	154965	143089	3.811	3.978
25) L7	Aroclor-1260 {3}	17.97	22.07	88960	64236	1.539	1.202
Total	Aroclor-1260			411222	324586	10.171	8.847
Average	Aroclor-1260					3.390	2.949
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0110

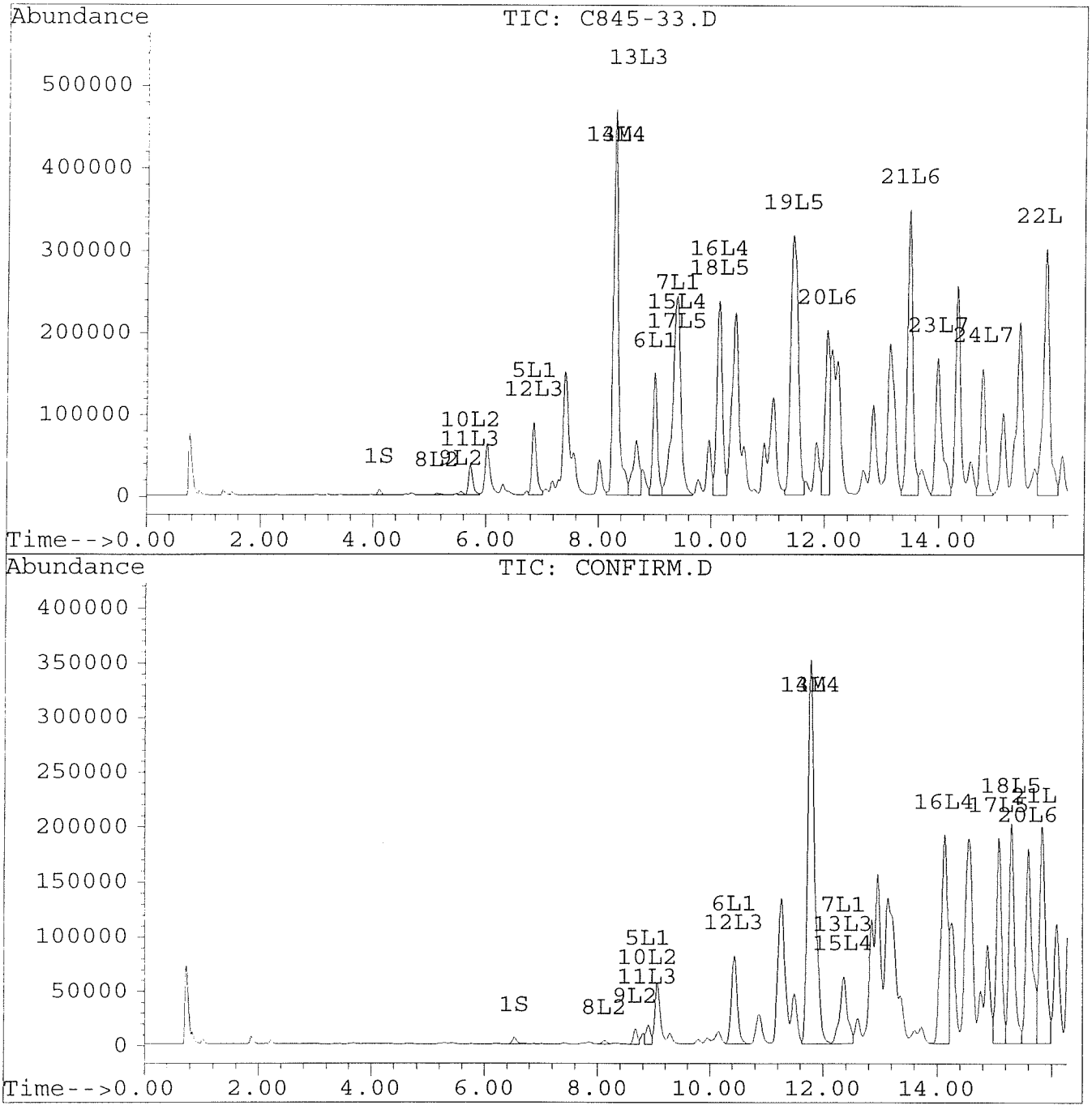
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-33.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-33.D\CONFIRM.D
Acq On : 28 Aug 96 05:44 AM
Sample : VHB/ PU4
Misc : 30.1G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 28 6:18 1996

Vial: 61
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0411

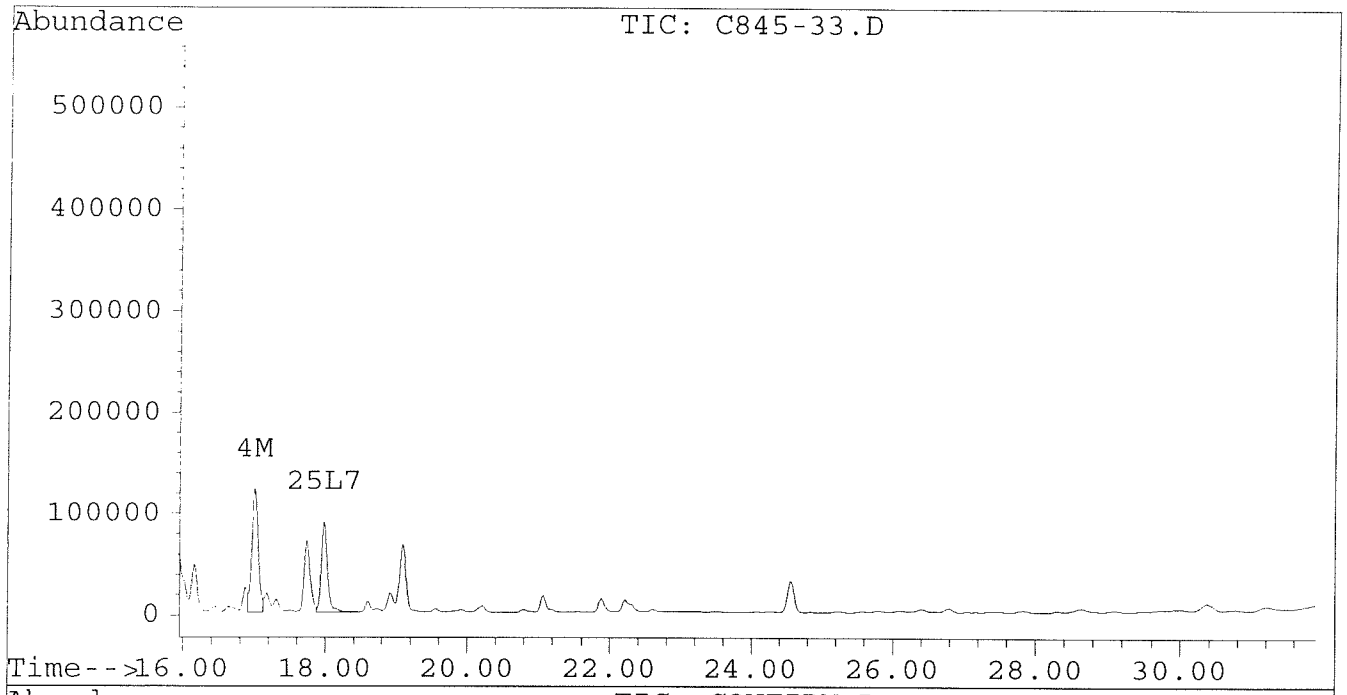
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-33.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-33.D\CONFIRM.D
Acq On : 28 Aug 96 05:44 AM
Sample : VHB/ PU4
Misc : 30.1G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 28 6:18 1996

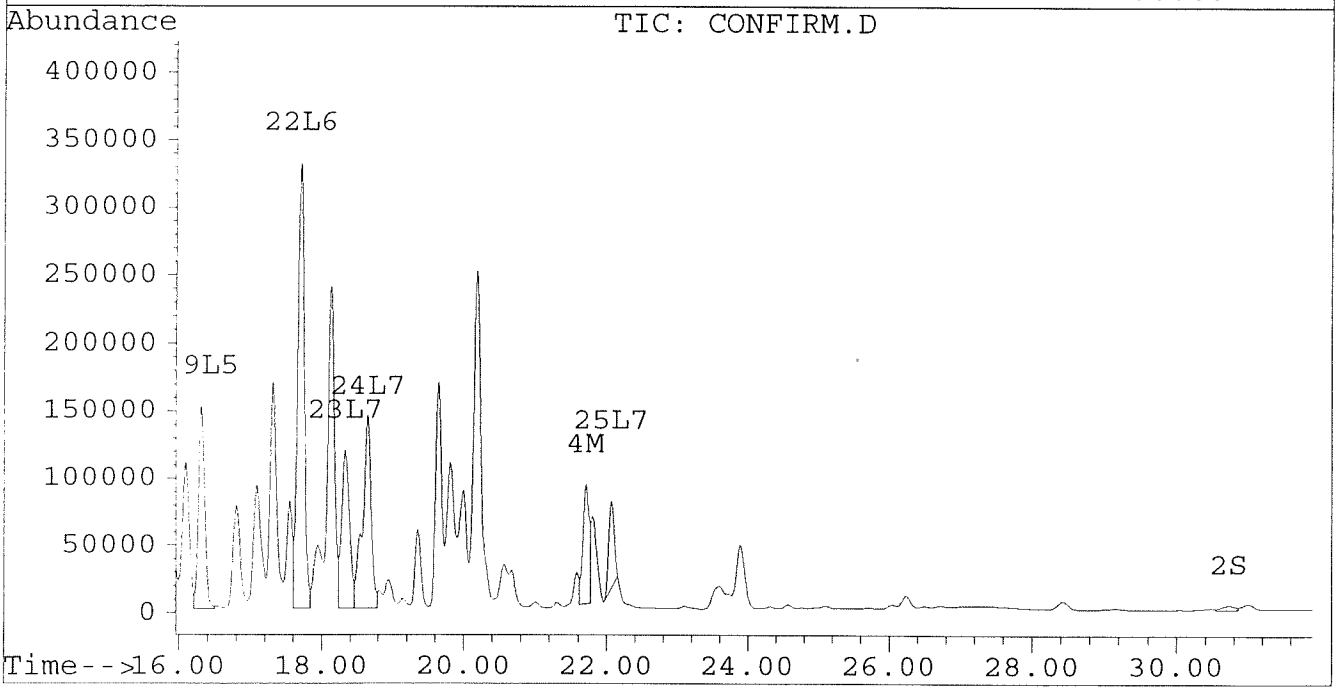
Vial: 61
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00



16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-33A.D Vial: 95
Signal #2 : D:\HPCHEM\5\AU29\C845-33A.D\CONFIRM.D
Acq On : 01 Sep 96 06:14 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 18:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	378	348	0.002	0.002	
					Recovery	=	5.00%	5.00%	
2)	S	Decachlorobiphenyl	22.29	30.72	373	109	0.002	0.001	#
					Recovery	=	5.00%	2.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	39992	28623	0.365	0.299	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	8186	5349	0.044	0.034	
5)	L1	Aroclor-1016	6.85	8.90	8034	1350	0.251	0.100	#
6)	L1	Aroclor-1016 {2}	8.98	10.43	11157	7369	0.636	0.264	#
7)	L1	Aroclor-1016 {3}	9.37	12.36	22602	4903	0.872	0.284	#
	Total	Aroclor-1016			41793	13622	1.759	0.648	
	Average	Aroclor-1016					0.586	0.216	
8)	L2	Aroclor-1221	5.13	8.12	137	206	0.020	0.034	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	301	757	0.052	0.155	#
10)	L2	Aroclor-1221 {3}	5.73	8.90	2583	1350	0.128	0.088	#
	Total	Aroclor-1221			3021	2313	0.199	0.277	
	Average	Aroclor-1221					0.066	0.092	
11)	L3	Aroclor-1232	5.73	8.90	2583	1350	0.142	0.094	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	8034	7369	0.589	0.613	
13)	L3	Aroclor-1232 {3}	8.66	12.36	5255	4903	0.635	0.707	
	Total	Aroclor-1232			15872	13622	1.365	1.415	
	Average	Aroclor-1232					0.455	0.472	
14)	L4	Aroclor-1242	8.27	11.78	39992	28623	0.966	0.960	
15)	L4	Aroclor-1242 {2}	9.37	12.36	22602	4903	1.162	0.371	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	20919	16588	1.238	1.247	
	Total	Aroclor-1242			83513	50114	3.366	2.578	
	Average	Aroclor-1242					1.122	0.859	
17)	L5	Aroclor-1248	9.37	15.08	22602	15007	0.710	0.666	
18)	L5	Aroclor-1248 {2}	10.13	15.30	20919	15653	0.764	0.671	
19)	L5	Aroclor-1248 {3}	11.43	16.30	27741	9962	0.797	0.558	#
	Total	Aroclor-1248			71262	40622	2.271	1.895	
	Average	Aroclor-1248					0.757	0.632	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0413

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-33A.D Vial: 95
Signal #2 : D:\HPCHEM\5\AU29\C845-33A.D\CONFIRM.D
Acq On : 01 Sep 96 06:14 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 18:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	18283	15532	0.585	0.575
21) L6	Aroclor-1254 {2}	13.48	15.83	29414	17620	0.681	0.606
22) L6	Aroclor-1254 {3}	15.87	17.69	23963	27023	0.746	0.678
Total	Aroclor-1254			71660	60174	2.013	1.859
Average	Aroclor-1254					0.671	0.620
23) L7	Aroclor-1260	13.97	18.32	14148	9885	0.408	0.309
24) L7	Aroclor-1260 {2}	14.76	18.64	13134	11634	0.323	0.323
25) L7	Aroclor-1260 {3}	17.97	22.06	5762	4089	0.100	0.076
Total	Aroclor-1260			33045	25607	0.830	0.709
Average	Aroclor-1260					0.277	0.236
26) L8	Aroclor-1268	0.00	23.35f	0	416	N.D.	0.097 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	416	N.D.	0.097
Average	Aroclor-1268					0.000	0.097

AR 1242

$\frac{2.128 \times 10}{0.0301 \times .92 \times .666} \times 20 = 23076$

23,000

AR 1254

$\frac{2.128 \; 1.427 \times 10}{0.0301 \times .92 \times .666} \times 20 = 15,474$

15000

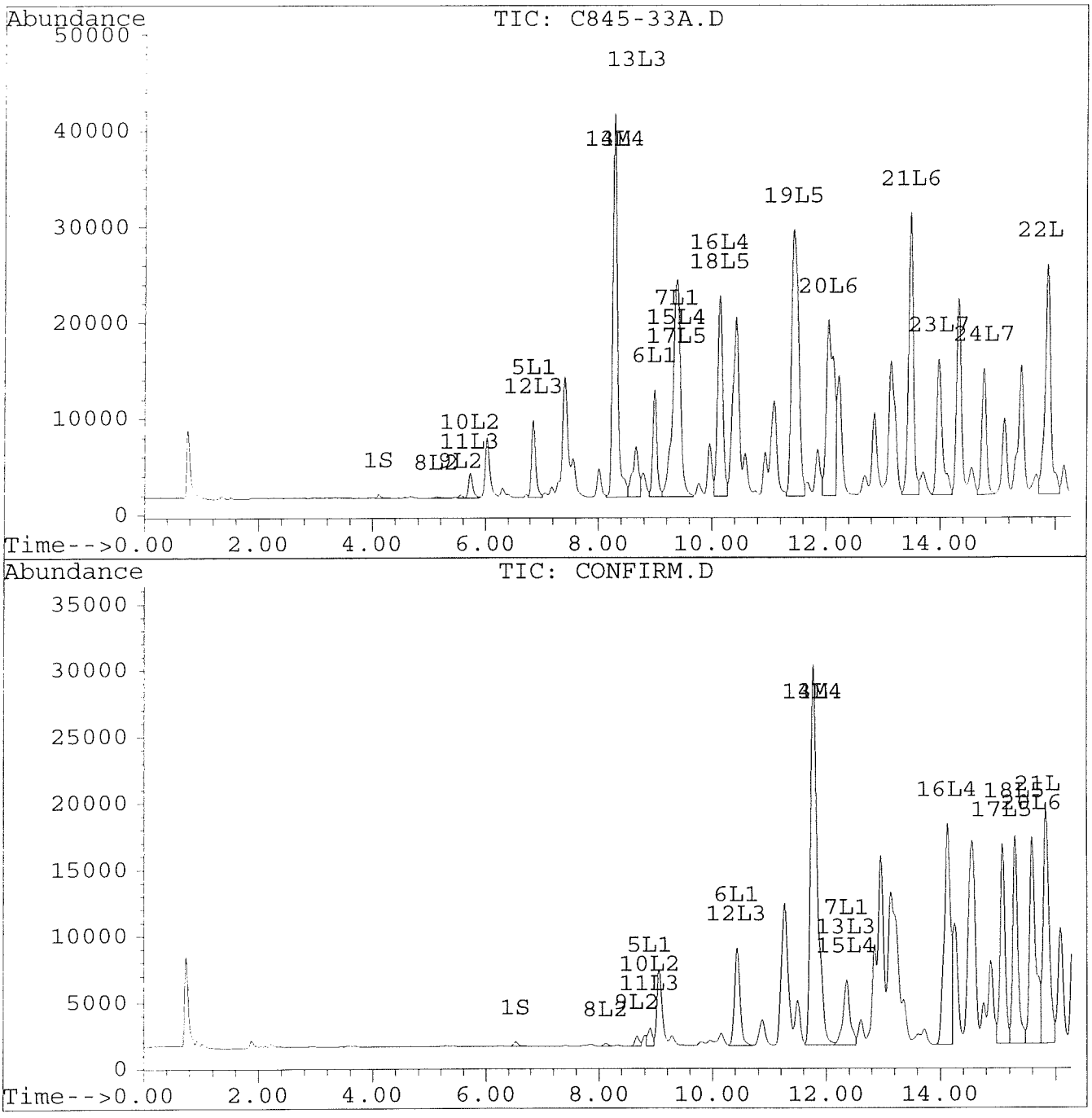
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-33A.D Vial: 95
Signal #2 : D:\HPCHEM\5\AU29\C845-33A.D\CONFIRM.D
Acq On : 01 Sep 96 06:14 PM Operator: JS
Sample : VHB/ 1:20 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 18:48 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0415

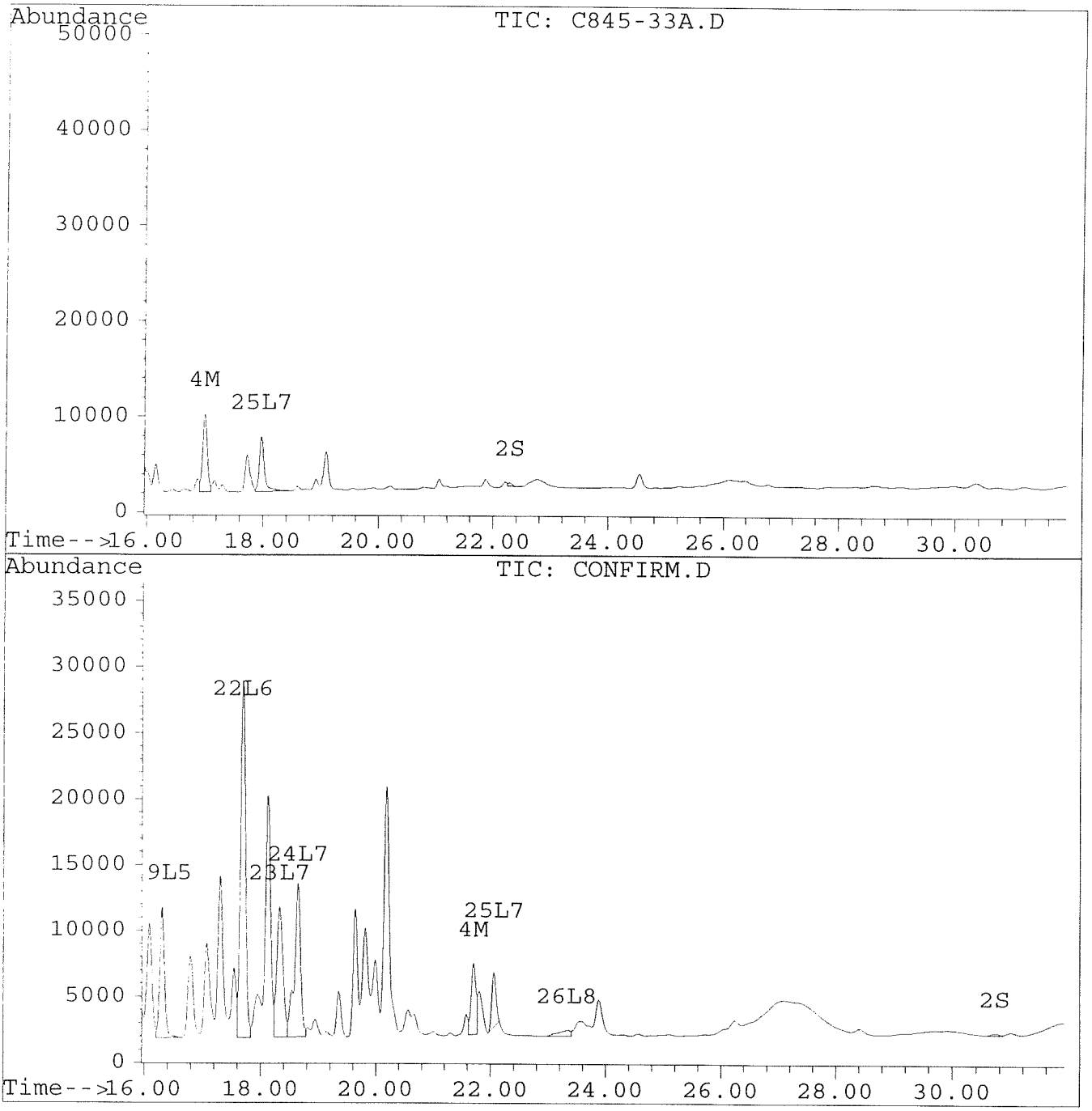
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-33A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-33A.D\CONFIRM.D
Acq On : 01 Sep 96 06:14 PM
Sample : VHB/ 1:20 DILUTION
Misc :
Quant Time: Sep 1 18:48 1996

Vial: 95
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0416

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-34.D Vial: 62
Signal #2 : D:\HPCHEM\5\AU26A\C845-34.D\CONFIRM.D
Acq On : 28 Aug 96 06:19 AM Operator: JS
Sample : VHB/ PU5 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 6:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	7543	6253	0.032	0.033	
				Recovery	=	80.00%	82.50%	
2)	S Decachlorobiphenyl	22.30	30.74	9193	3823	0.043	0.043	
				Recovery	=	107.50%	107.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.28	11.78	159901	116947	1.460	1.221	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	30443	17875	0.163	0.114	#
5)	L1 Aroclor-1016	6.85	8.90	30100	5728	0.940	0.426	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	51171	27224	2.917	0.975	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	80294	19385	3.097	1.123	#
	Total Aroclor-1016			161564	52337	6.954	2.524	
	Average Aroclor-1016					2.318	0.841	
8)	L2 Aroclor-1221	5.14	8.12	659	2416	0.094	0.395	#
9)	L2 Aroclor-1221 {2}	5.56	8.67	1545	4198	0.265	0.861	#
10)	L2 Aroclor-1221 {3}	5.73	8.90	12075	5728	0.598	0.373	#
	Total Aroclor-1221			14279	12342	0.956	1.629	
	Average Aroclor-1221					0.319	0.543	
11)	L3 Aroclor-1232	5.73	8.90	12075	5728	0.662	0.400	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	30100	27224	2.206	2.266	
13)	L3 Aroclor-1232 {3}	8.66	12.36	21518	19385	2.600	2.796	
	Total Aroclor-1232			63692	52337	5.467	5.461	
	Average Aroclor-1232					1.822	1.820	
14)	L4 Aroclor-1242	8.28	11.78	159901	116947	3.862	3.924	
15)	L4 Aroclor-1242 {2}	9.38	12.36	80294	19385	4.127	1.467	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	78346	62136	4.637	4.670	
	Total Aroclor-1242			318540	198469	12.626	10.061	
	Average Aroclor-1242					4.209	3.354	
17)	L5 Aroclor-1248	9.38	15.08	80294	56317	2.523	2.500	
18)	L5 Aroclor-1248 {2}	10.13	15.30	78346	63225	2.860	2.708	
19)	L5 Aroclor-1248 {3}	11.44	16.31	96168	46560	2.764	2.608	
	Total Aroclor-1248			254807	166102	8.147	7.816	
	Average Aroclor-1248					2.716	2.605	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-34.D Vial: 62
Signal #2 : D:\HPCHEM\5\AU26A\C845-34.D\CONFIRM.D
Acq On : 28 Aug 96 06:19 AM Operator: JS
Sample : VHB/ PU5 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 6:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.59	55086	49812	1.764	1.844	
21) L6	Aroclor-1254 {2}	13.48	15.84	91913	53444	2.128	1.837	
22) L6	Aroclor-1254 {3}	15.87	17.69	74524	84225	2.320	2.115	
Total	Aroclor-1254			221522	187481	6.213	5.795	
Average	Aroclor-1254					2.071	1.932	
23) L7	Aroclor-1260	13.98	18.33	45939	29371	1.324	0.919	#
24) L7	Aroclor-1260 {2}	14.76	18.64	40399	34911	0.994	0.971	
25) L7	Aroclor-1260 {3}	17.98	22.06	27174	13882	0.470	0.260	#
Total	Aroclor-1260			113511	78163	2.788	2.149	
Average	Aroclor-1260					0.929	0.716	
26) L8	Aroclor-1268	0.00	23.34f	0	8534	N.D.	1.987	#
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	28.13	0	1391	N.D.	NoCal	
Total	Aroclor-1268			0	8534	N.D.	1.987	
Average	Aroclor-1268					0.000	1.987	

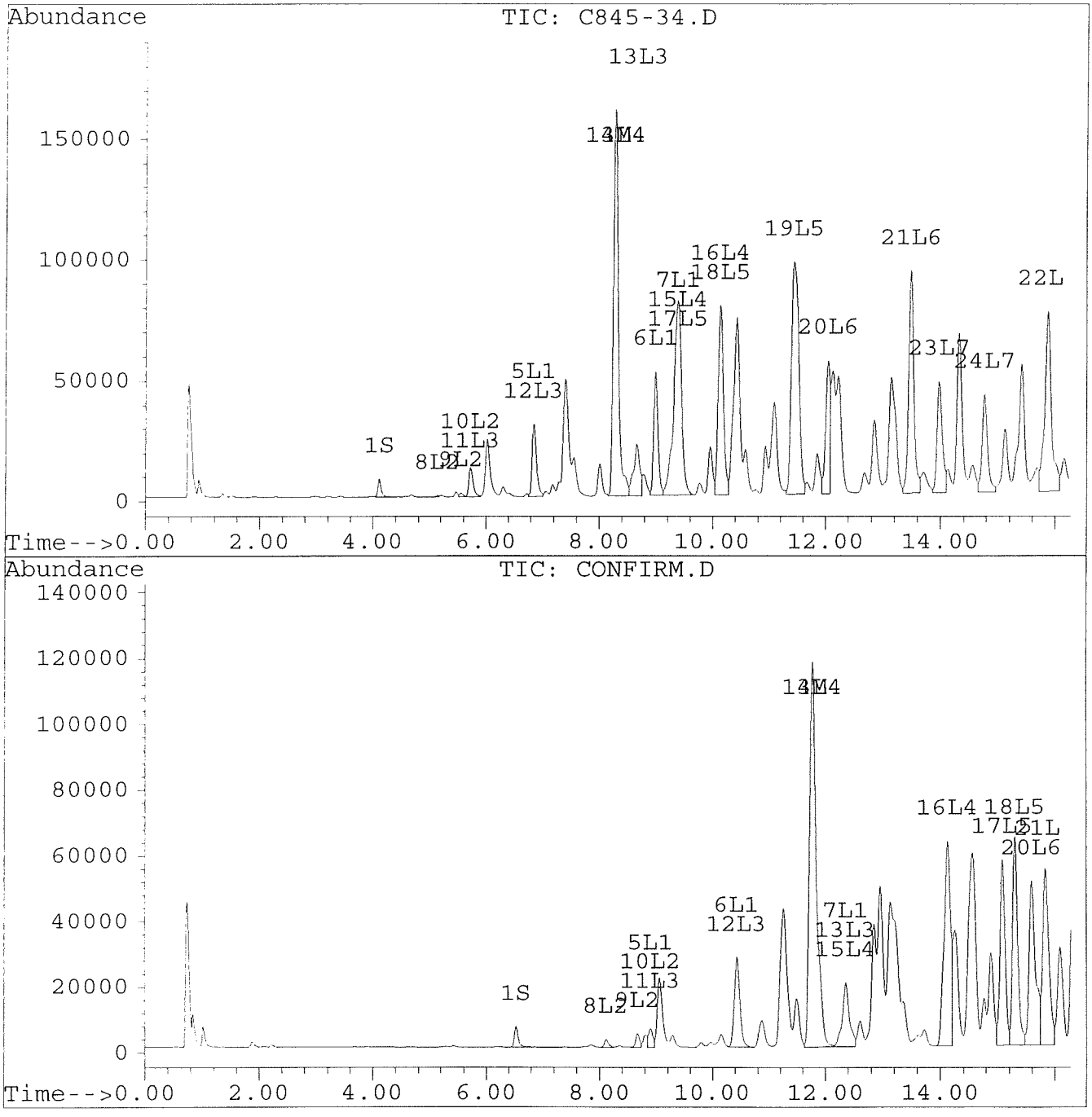
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-34.D Vial: 62
Signal #2 : D:\HPCHEM\5\AU26A\C845-34.D\CONFIRM.D
Acq On : 28 Aug 96 06:19 AM Operator: JS
Sample : VHB/ PU5 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 6:53 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0419

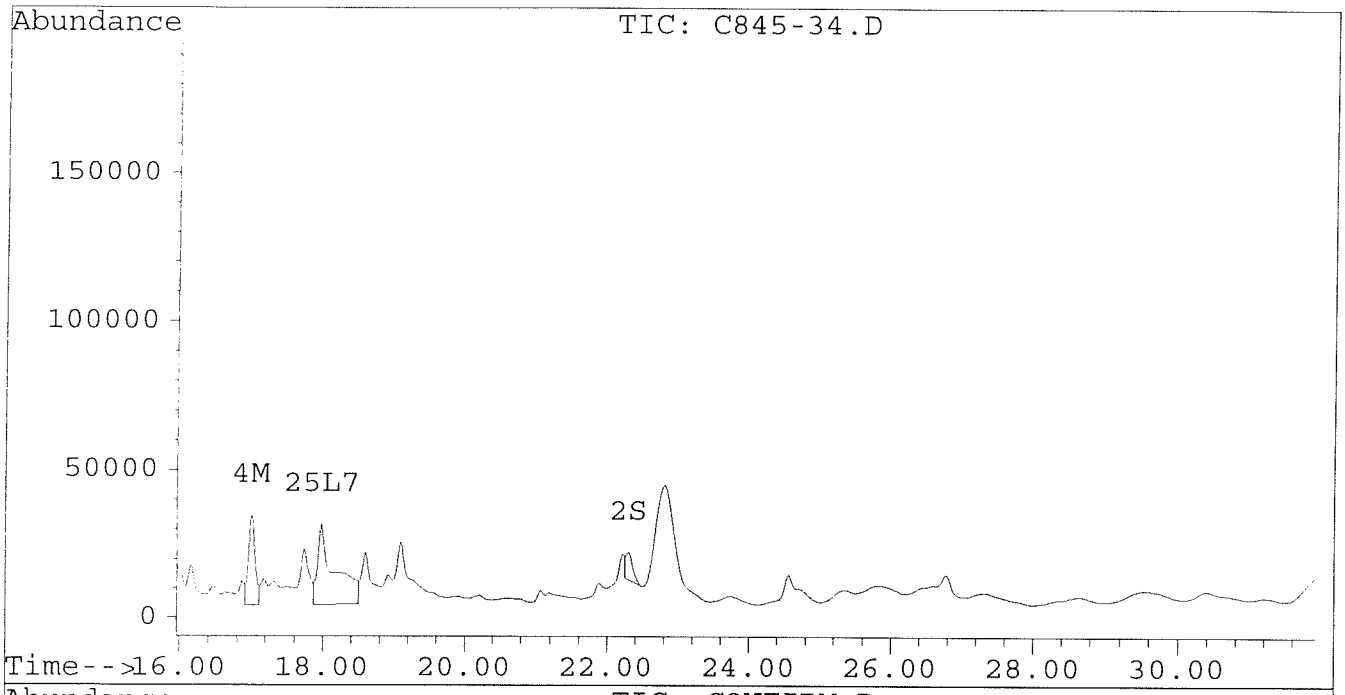
Quantitation Report

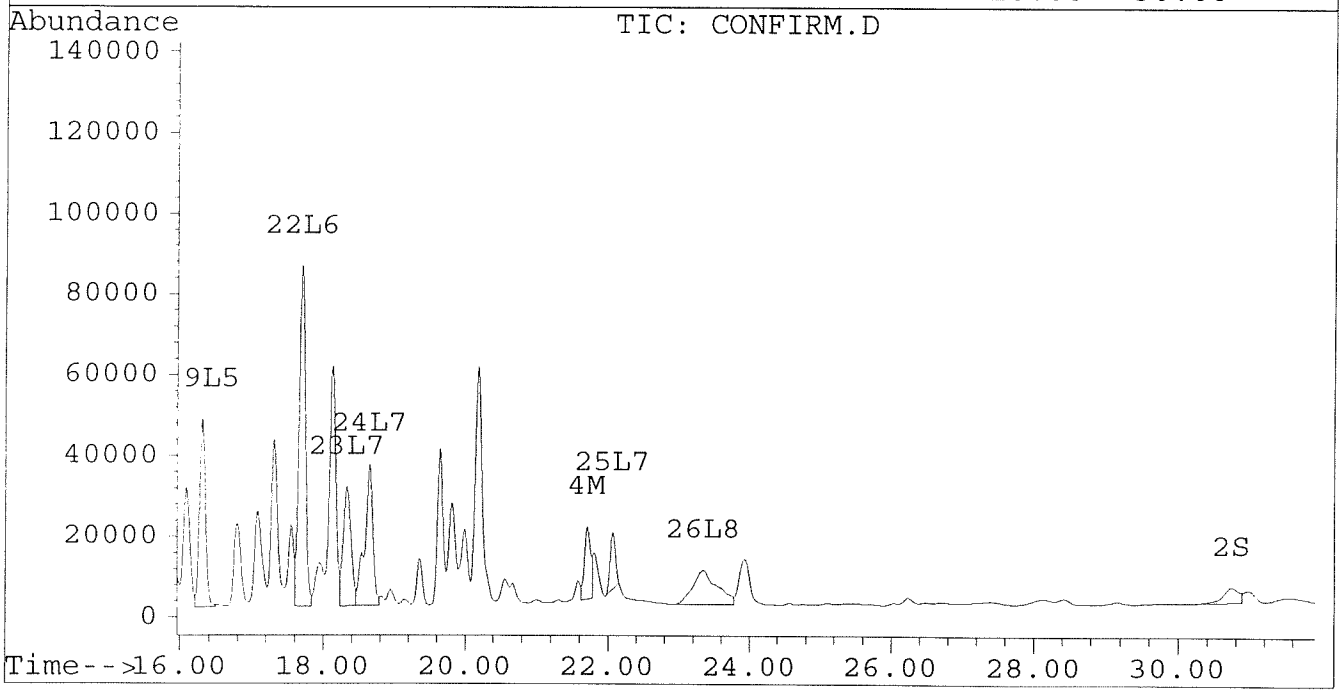
Signal #1 : D:\HPCHEM\5\AU26A\C845-34.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-34.D\CONFIRM.D
Acq On : 28 Aug 96 06:19 AM
Sample : VHB/ PU5
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 28 6:53 1996

Vial: 62
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0420

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-34A.D Vial: 87
Signal #2 : D:\HPCHEM\5\AU29\C845-34A.D\CONFIRM.D
Acq On : 01 Sep 96 01:31 PM Operator: JS
Sample : VHB/ PU5 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 14:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	1466	1275	0.006	0.007	
				Recovery	=	15.00%	17.50%	
2)	S Decachlorobiphenyl	0.00	30.72	0	591	N.D.	0.007	#
				Recovery	=	0.00%	17.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	41519	29411	0.379	0.307	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	5799	3707	0.031	0.024	
5)	L1 Aroclor-1016	6.85	8.90	8018	1415	0.250	0.105	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	12091	7240	0.689	0.259	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	22197	4824	0.856	0.280	#
	Total Aroclor-1016			42306	13479	1.796	0.644	
	Average Aroclor-1016					0.599	0.215	
8)	L2 Aroclor-1221	5.13	8.12	149	545	0.021	0.089	#
9)	L2 Aroclor-1221 {2}	5.56	8.67	372	900	0.064	0.184	#
10)	L2 Aroclor-1221 {3}	5.73	8.90	2877	1415	0.142	0.092	#
	Total Aroclor-1221			3399	2859	0.227	0.366	
	Average Aroclor-1221					0.076	0.122	
11)	L3 Aroclor-1232	5.73	8.90	2877	1415	0.158	0.099	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	8018	7240	0.587	0.603	
13)	L3 Aroclor-1232 {3}	8.66	12.36	5322	4824	0.643	0.696	
	Total Aroclor-1232			16217	13479	1.388	1.397	
	Average Aroclor-1232					0.463	0.466	
14)	L4 Aroclor-1242	8.27	11.78	41519	29411	1.003	0.987	
15)	L4 Aroclor-1242 {2}	9.37	12.36	22197	4824	1.141	0.365	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	20757	16199	1.229	1.218	
	Total Aroclor-1242			84474	50435	3.372	2.569	
	Average Aroclor-1242					1.124	0.856	
17)	L5 Aroclor-1248	9.37	15.08	22197	13760	0.697	0.611	
18)	L5 Aroclor-1248 {2}	10.13	15.30	20757	15256	0.758	0.654	
19)	L5 Aroclor-1248 {3}	11.43	16.31	25107	10048	0.722	0.563	
	Total Aroclor-1248			68062	39063	2.177	1.827	
	Average Aroclor-1248					0.726	0.609	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0421

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-34A.D Vial: 87
Signal #2 : D:\HPCHEM\5\AU29\C845-34A.D\CONFIRM.D
Acq On : 01 Sep 96 01:31 PM Operator: JS
Sample : VHB/ PU5 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 14:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	14698	13008	0.471	0.481
21) L6 Aroclor-1254 {2}	13.48	15.83	23042	14022	0.534	0.482
22) L6 Aroclor-1254 {3}	15.87	17.69	17139	21236	0.534	0.533
Total Aroclor-1254			54879	48266	1.538	1.497
Average Aroclor-1254					0.513	0.499
23) L7 Aroclor-1260	13.97	18.32	11259	7864	0.324	0.246
24) L7 Aroclor-1260 {2}	14.76	18.64	9697	8939	0.238	0.249
25) L7 Aroclor-1260 {3}	17.97	22.06	4200	2932	0.073	0.055
Total Aroclor-1260			25156	19734	0.636	0.549
Average Aroclor-1260					0.212	0.183
26) L8 Aroclor-1268	0.00	23.32	0	371	N.D.	0.086 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	371	N.D.	0.086
Average Aroclor-1268					0.000	0.086

AR1242

$\frac{2.144 \times 10}{0.0303 \times 92 \times .666} \times 5 = 5774$

5800

AR1254

$\frac{1.069 \times 10}{0.0303 \times 92 \times .666} \times 5 = 2876$

2900

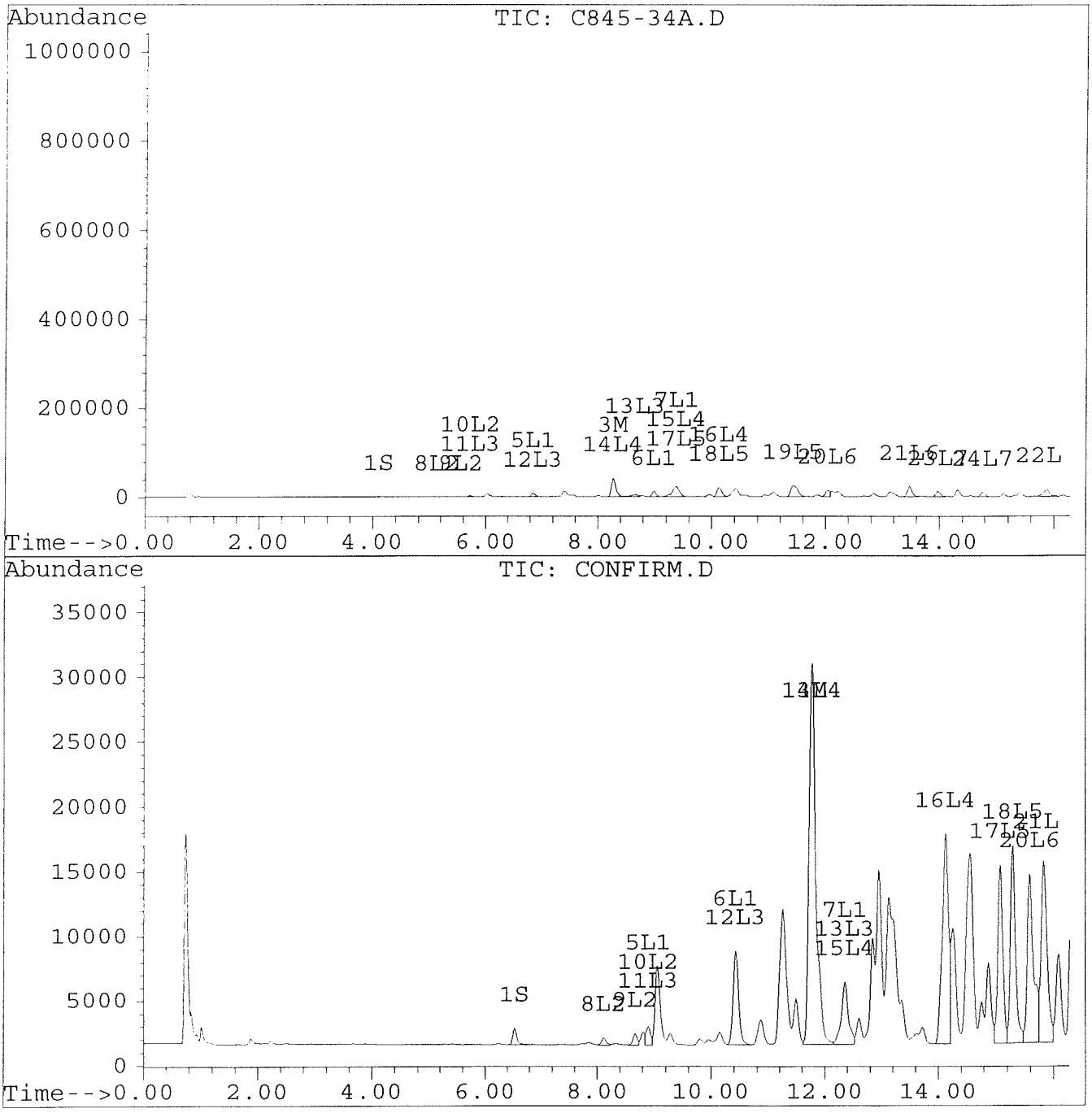
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-34A.D Vial: 87
Signal #2 : D:\HPCHEM\5\AU29\C845-34A.D\CONFIRM.D
Acq On : 01 Sep 96 01:31 PM Operator: JS
Sample : VHB/ PU5 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 14:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



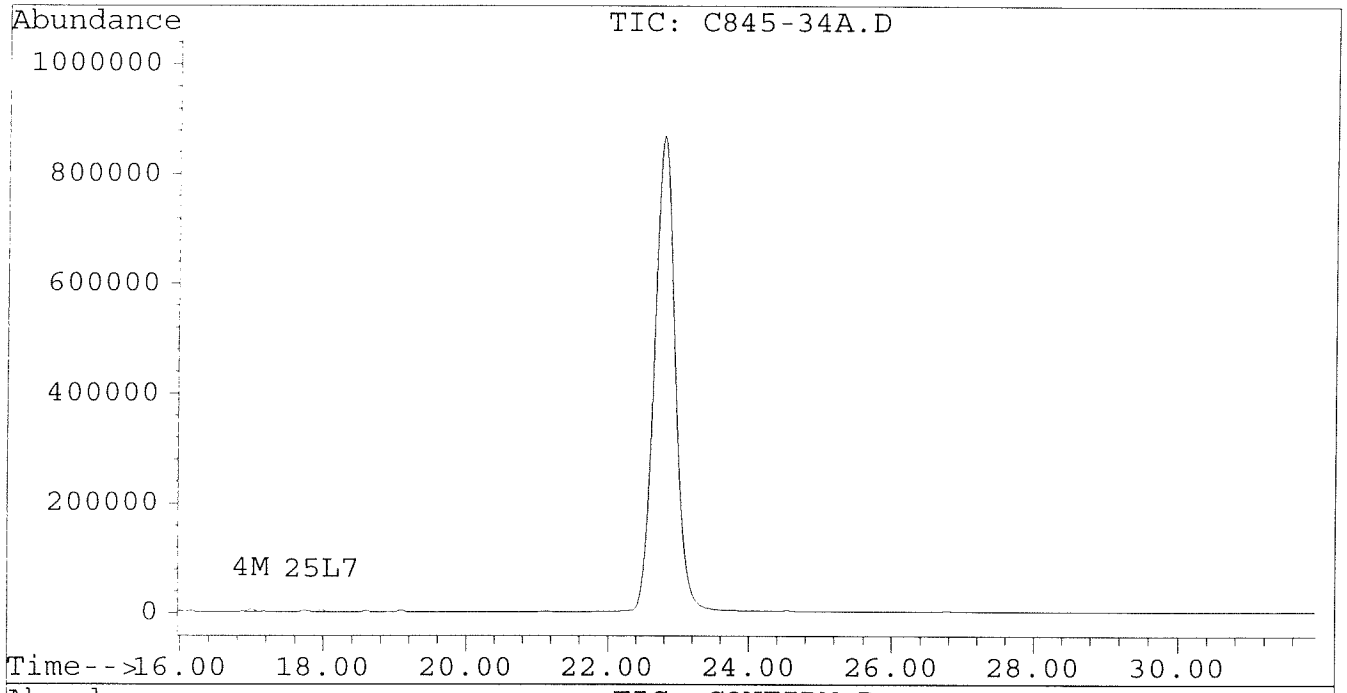
0423

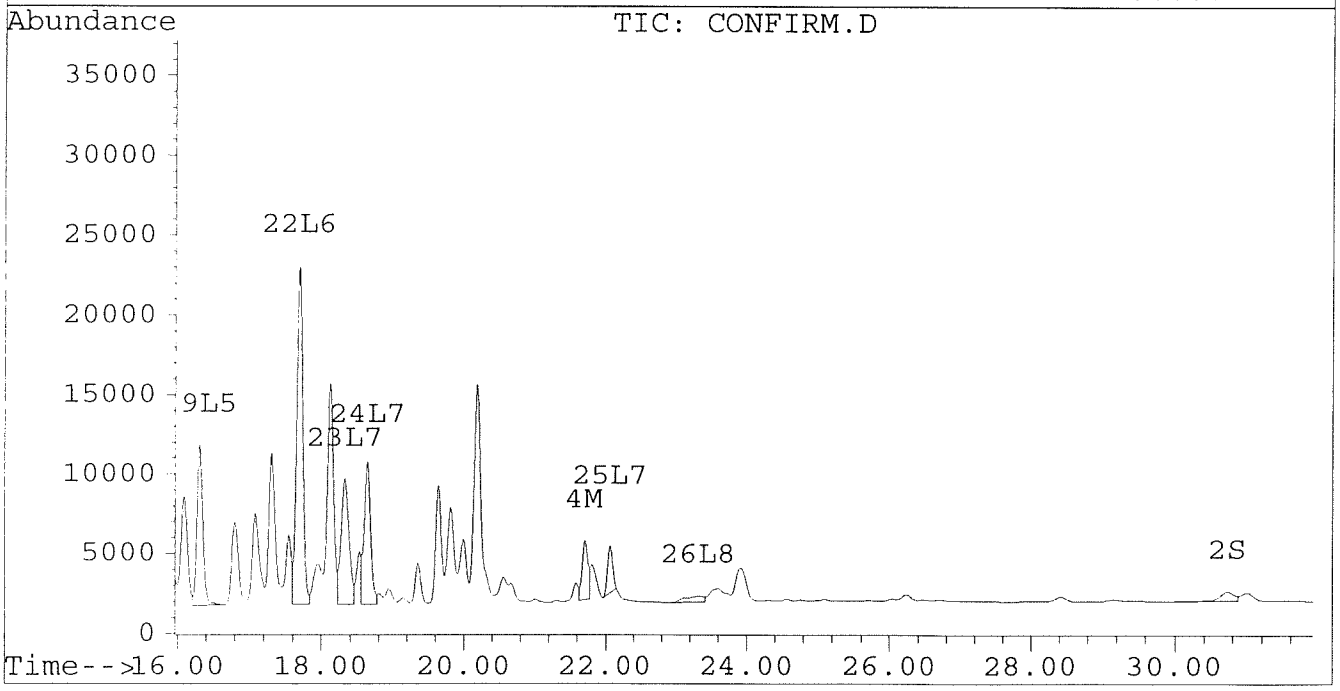
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-34A.D Vial: 87
Signal #2 : D:\HPCHEM\5\AU29\C845-34A.D\CONFIRM.D
Acq On : 01 Sep 96 01:31 PM Operator: JS
Sample : VHB/ PU5 1:5 DILUTION Inst : ECD1
Misc : 30.3G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 14:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0424

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-35.D Vial: 63
Signal #2 : D:\HPCHEM\5\AU26A\C845-35.D\CONFIRM.D
Acq On : 28 Aug 96 06:55 AM Operator: JS
Sample : VHB/ PU6 Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 7:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	5015	4503	0.021	0.024	
					Recovery	=	52.50%	60.00%	
2)	S	Decachlorobiphenyl	22.30	30.72	3893	2007	0.018	0.023	
					Recovery	=	45.00%	57.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	250744	177800	2.289	1.856	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	29616	19608	0.158	0.125	
5)	L1	Aroclor-1016	6.85	8.89	45262	6779	1.414	0.504	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	81026	40350	4.620	1.445	#
7)	L1	Aroclor-1016 {3}	9.38	12.35	115922	32288	4.471	1.871	#
	Total	Aroclor-1016			242209	79416	10.504	3.820	
	Average	Aroclor-1016					3.501	1.273	
8)	L2	Aroclor-1221	5.13	8.12	749	2600	0.107	0.425	#
9)	L2	Aroclor-1221 {2}	5.55	8.67	1839	5180	0.315	1.062	#
10)	L2	Aroclor-1221 {3}	5.73	8.89	19350	6779	0.958	0.442	#
	Total	Aroclor-1221			21938	14559	1.380	1.929	
	Average	Aroclor-1221					0.460	0.643	
11)	L3	Aroclor-1232	5.73	8.89	19350	6779	1.061	0.473	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	45262	40350	3.316	3.359	
13)	L3	Aroclor-1232 {3}	8.66	12.35	33749	32288	4.077	4.656	
	Total	Aroclor-1232			98361	79416	8.454	8.488	
	Average	Aroclor-1232					2.818	2.829	
14)	L4	Aroclor-1242	8.27	11.78	250744	177800	6.056	5.966	
15)	L4	Aroclor-1242 {2}	9.38	12.35	115922	32288	5.958	2.443	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	111686	87190	6.610	6.553	
	Total	Aroclor-1242			478352	297278	18.625	14.962	
	Average	Aroclor-1242					6.208	4.987	
17)	L5	Aroclor-1248	9.38	15.08	115922	72716	3.642	3.228	
18)	L5	Aroclor-1248 {2}	10.13	15.30	111686	83075	4.077	3.559	
19)	L5	Aroclor-1248 {3}	11.44	16.31	123526	60020	3.550	3.361	
	Total	Aroclor-1248			351134	215812	11.270	10.148	
	Average	Aroclor-1248					3.757	3.383	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-35.D Vial: 63
Signal #2 : D:\HPCHEM\5\AU26A\C845-35.D\CONFIRM.D
Acq On : 28 Aug 96 06:55 AM Operator: JS
Sample : VHB/ PU6 Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 7:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.60	66376	62818	2.125	2.325	
21) L6	Aroclor-1254 {2}	13.48	15.83	107809	63942	2.496	2.198	
22) L6	Aroclor-1254 {3}	15.87	17.69	79477	96491	2.475	2.423	
Total	Aroclor-1254			253663	223251	7.096	6.945	
Average	Aroclor-1254					2.365	2.315	
23) L7	Aroclor-1260	13.98	18.32	51096	34422	1.472	1.077	#
24) L7	Aroclor-1260 {2}	14.76	18.64	44444	38384	1.093	1.067	
25) L7	Aroclor-1260 {3}	17.97	22.06	23795	15319	0.412	0.287	#
Total	Aroclor-1260			119336	88126	2.977	2.430	
Average	Aroclor-1260					0.992	0.810	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	28.12	0	2370	N.D.	NoCal	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

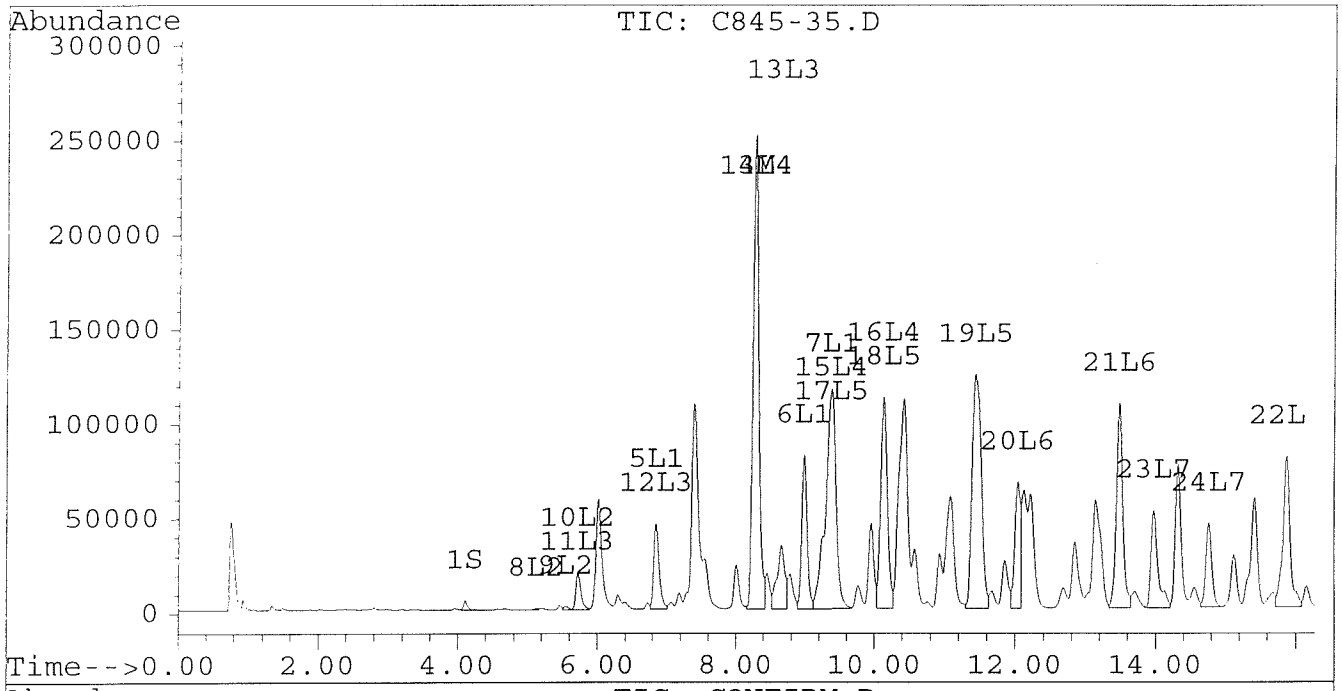
0426

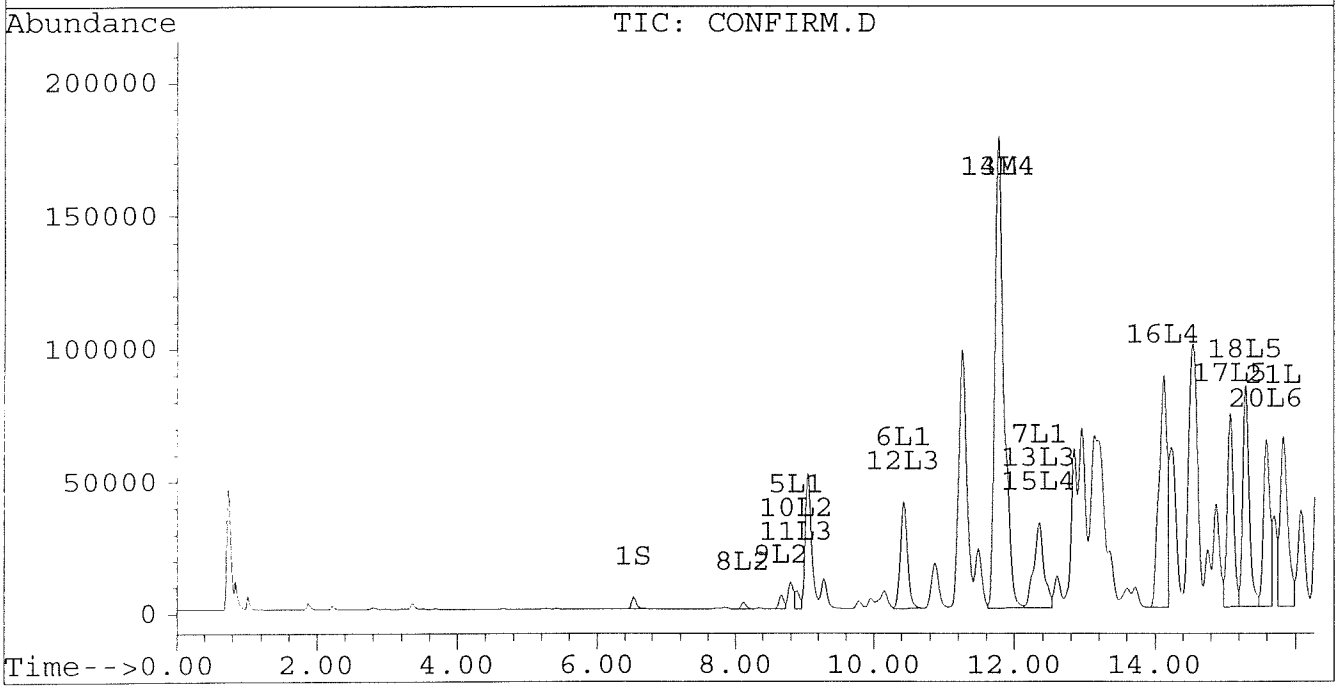
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-35.D Vial: 63
Signal #2 : D:\HPCHEM\5\AU26A\C845-35.D\CONFIRM.D
Acq On : 28 Aug 96 06:55 AM Operator: JS
Sample : VHB/ PU6 Inst : ECD1
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 7:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0425

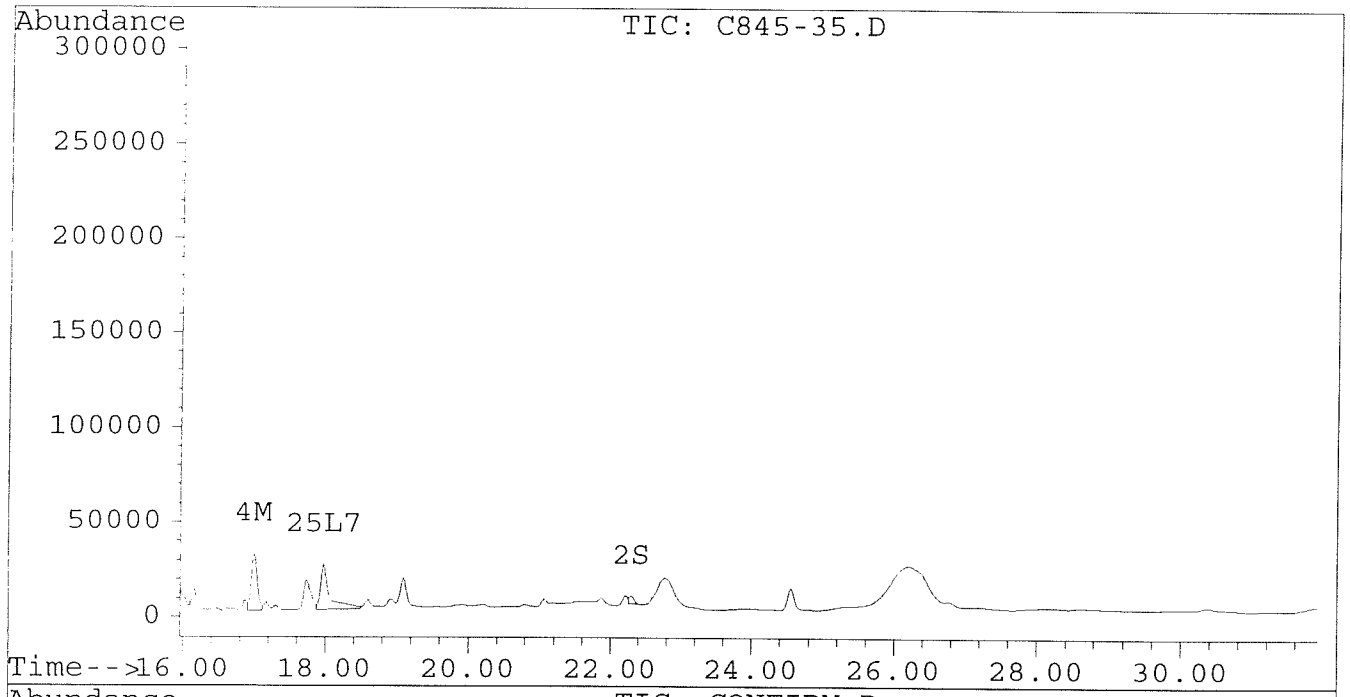
Quantitation Report

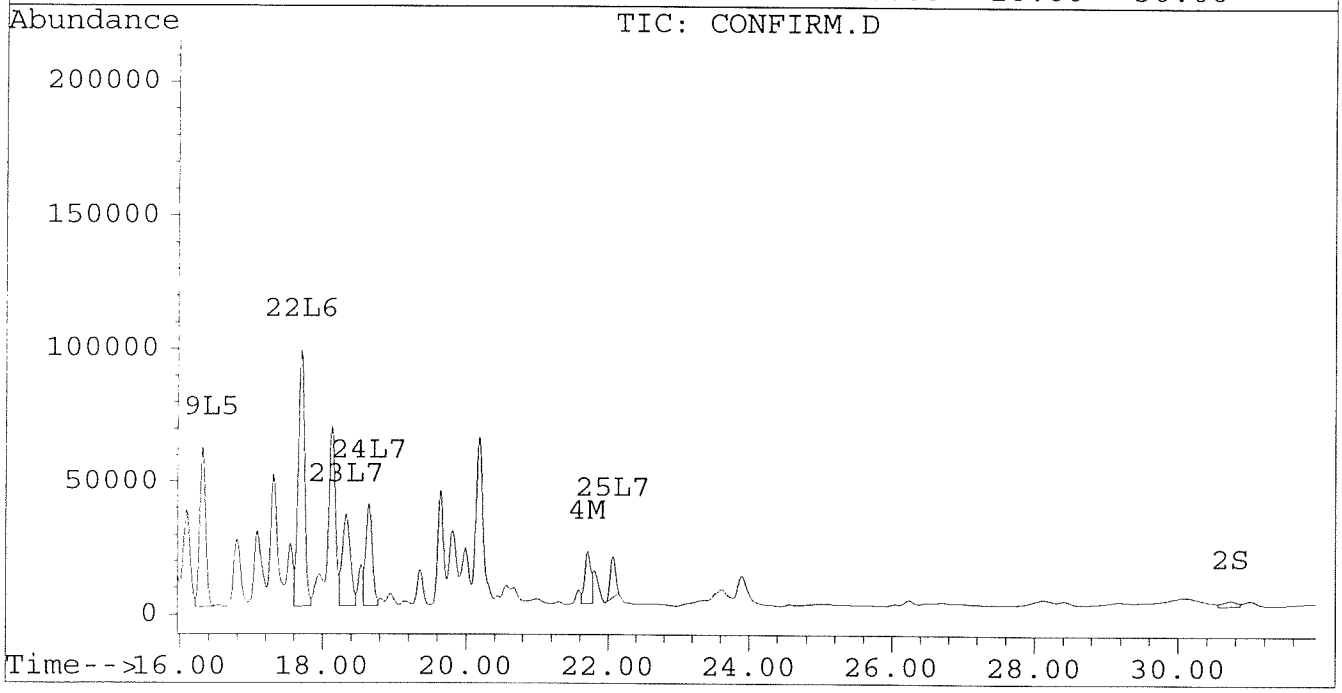
Signal #1 : D:\HPCHEM\5\AU26A\C845-35.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-35.D\CONFIRM.D
Acq On : 28 Aug 96 06:55 AM
Sample : VHB/ PU6
Misc : 30.1G/10ML 95% SOLID PCB ANALYSIS
Quant Time: Aug 28 7:29 1996

Vial: 63
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0428

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-35B.D Vial: 33
Signal #2 : D:\HPCHEM\5\SE3\C845-35B.D\CONFIRM.D
Acq On : 04 Sep 96 10:45 AM Operator: JS
Sample : VHB/ PU6 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 95% SOLID Multiplr: 1.00
Quant Time: Sep 4 11:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.05	6.46	548	527	0.002	0.003
			Recovery	=	5.00%	7.50%
2) S Decachlorobiphenyl	22.20	0.00	359	0	0.002	N.D. #
			Recovery	=	5.00%	0.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.20	11.69	36850	25359	0.336	0.265
4) M 2,2',3,3',4,4'-Hexa	16.91	21.60	3281	2113	0.018	0.013
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.15	0.00	106	0	0.015	N.D. #
9) L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			106	0	0.015	N.D.
Average Aroclor-1221					0.015	0.000
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.71f	0.00	2722	0	0.329	N.D. #
Total Aroclor-1232			2722	0	0.329	N.D.
Average Aroclor-1232					0.329	0.000
14) L4 Aroclor-1242	8.20	11.69	36850	25359	0.890	0.851
15) L4 Aroclor-1242 {2}	9.30	12.26	18742	4582	0.963	0.347 #
16) L4 Aroclor-1242 {3}	10.05	14.04	16729	13167	0.990	0.990
Total Aroclor-1242			72320	43108	2.843	2.187
Average Aroclor-1242					0.948	0.729
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0429

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-35B.D Vial: 33
Signal #2 : D:\HPCHEM\5\SE3\C845-35B.D\CONFIRM.D
Acq On : 04 Sep 96 10:45 AM Operator: JS
Sample : VHB/ PU6 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 95% SOLID Multiplr: 1.00
Quant Time: Sep 4 11:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	9970	9350	0.319	0.346
21) L6 Aroclor-1254 {2}	13.39	15.74	14548	9738	0.337	0.335
22) L6 Aroclor-1254 {3}	15.78	17.59	10070	13416	0.314	0.337
Total Aroclor-1254			34588	32503	0.970	1.018
Average Aroclor-1254					0.323	0.339
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	473	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	23.48f	1574	724	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.78	0.00	289	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{1.853 \times 10}{0.0301 \times .95 \times .666} \times 10 = 9729$

9700

AR1254

$\frac{0.651 \times 10}{0.0301 \times .95 \times .666} \times 10 = 3418$

3400

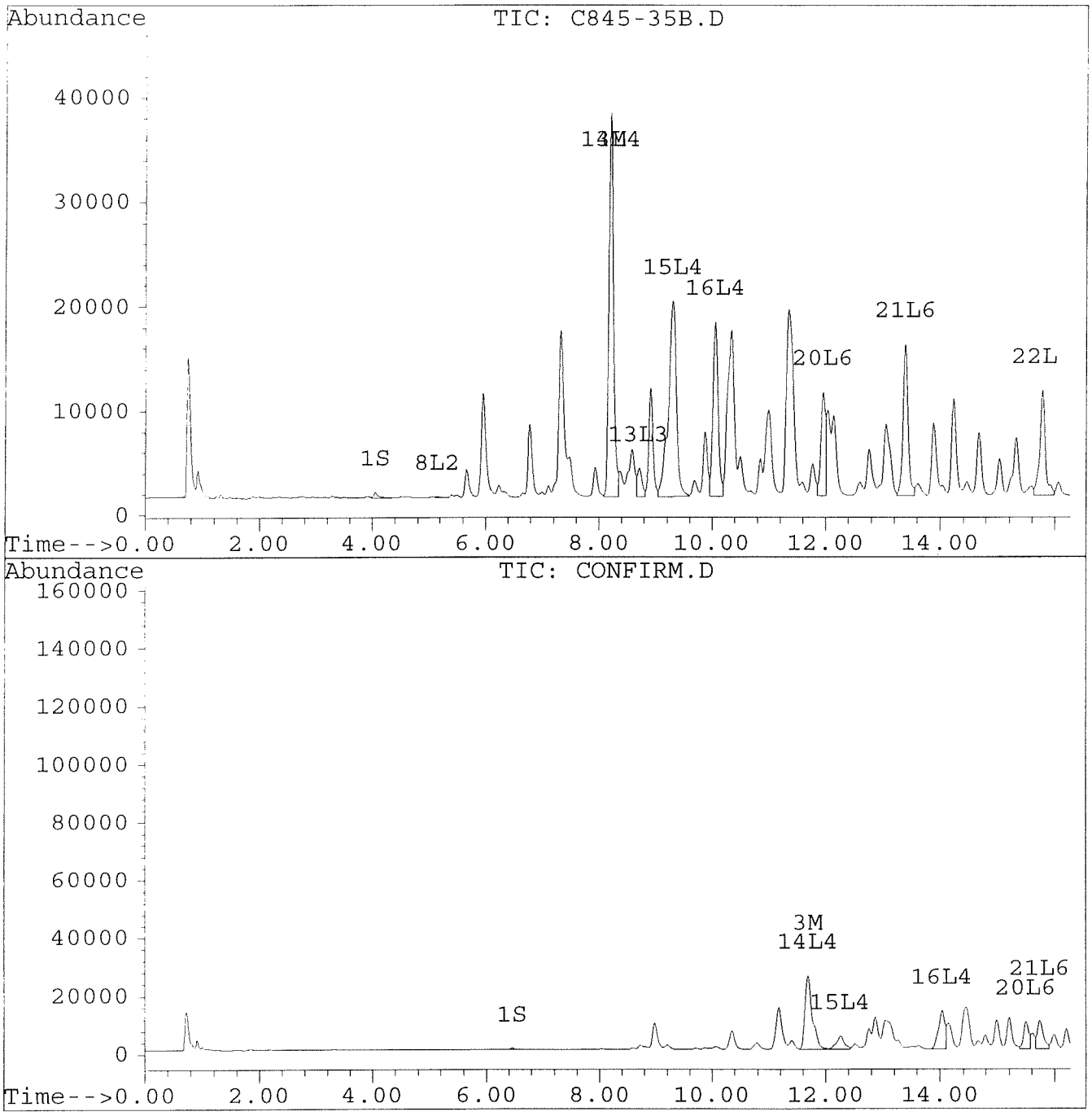
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-35B.D Vial: 33
Signal #2 : D:\HPCHEM\5\SE3\C845-35B.D\CONFIRM.D
Acq On : 04 Sep 96 10:45 AM Operator: JS
Sample : VHB/ PU6 1:10 DILUTION Inst : ECD1
Misc : 30.1G/10ML 95% SOLID Multiplr: 1.00
Quant Time: Sep 4 11:19 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0431

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-35B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-35B.D\CONFIRM.D
Acq On : 04 Sep 96 10:45 AM
Sample : VHB/ PU6 1:10 DILUTION
Misc : 30.1G/10ML 95% SOLID
Quant Time: Sep 4 11:19 1996

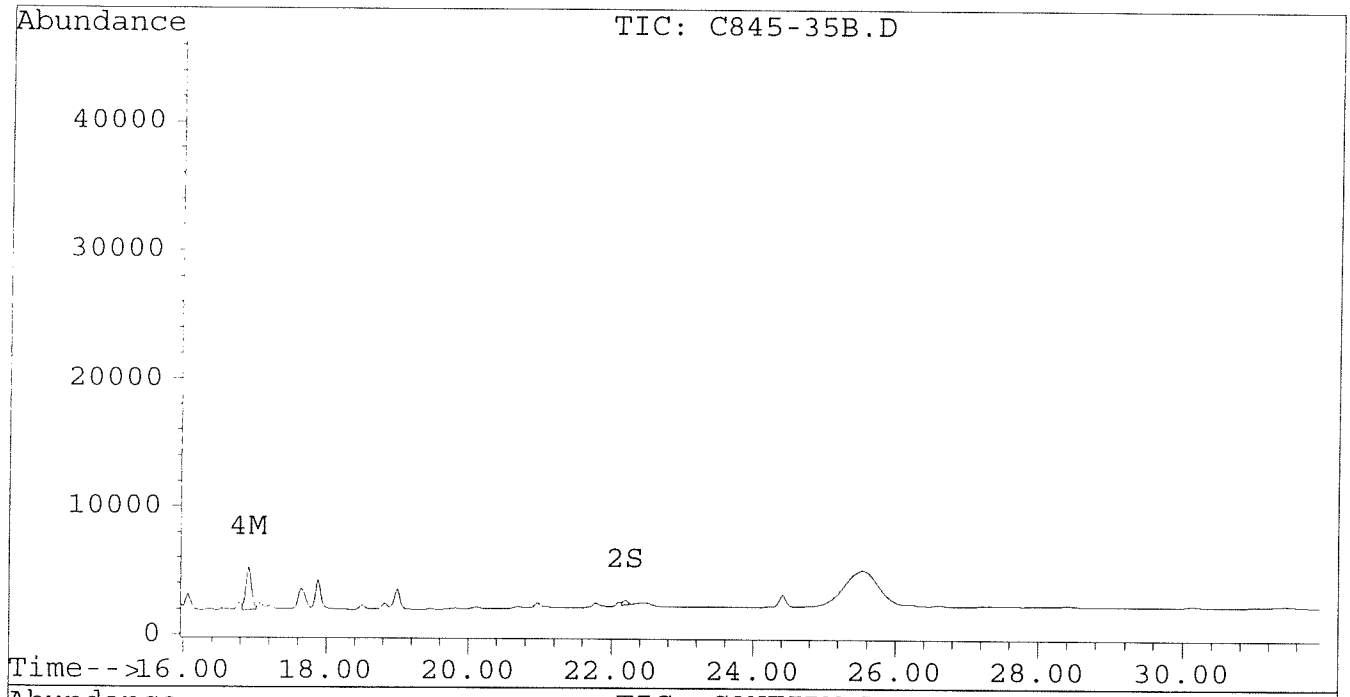
Vial: 33

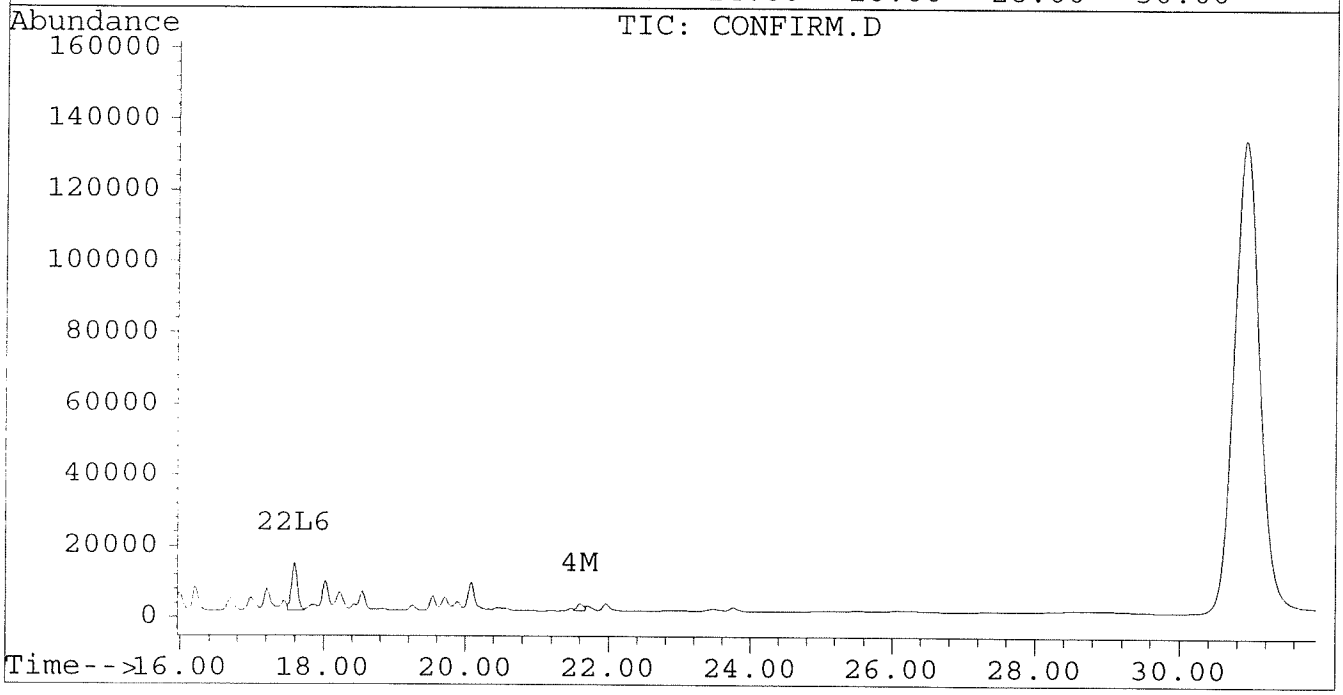
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0432

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-36.D Vial: 64
Signal #2 : D:\HPCHEM\5\AU26A\C845-36.D\CONFIRM.D
Acq On : 28 Aug 96 07:31 AM Operator: JS
Sample : VHB/ PV5 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 8:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	7490	5578	0.031	0.029
				Recovery	=	77.50%	72.50%
2) S	Decachlorobiphenyl	22.30	30.73	5304	2141	0.025	0.024
				Recovery	=	62.50%	60.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	90642	65210	0.828	0.681
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	12949	7957	0.069	0.051 #
5) L1	Aroclor-1016	6.85	8.90	19046	4188	0.595	0.311 #
6) L1	Aroclor-1016 {2}	8.99	10.43	28009	15776	1.597	0.565 #
7) L1	Aroclor-1016 {3}	9.39	12.36	40899	11996	1.577	0.695 #
Total	Aroclor-1016			87953	31960	3.769	1.571
Average	Aroclor-1016					1.256	0.524
8) L2	Aroclor-1221	0.00	8.11	0	4873	N.D.	0.797 #
9) L2	Aroclor-1221 {2}	0.00	8.67	0	3338	N.D.	0.684 #
10) L2	Aroclor-1221 {3}	5.73	8.90	8477	4188	0.420	0.273 #
Total	Aroclor-1221			8477	12400	0.420	1.754
Average	Aroclor-1221					0.420	0.585
11) L3	Aroclor-1232	5.73	8.90	8477	4188	0.465	0.292 #
12) L3	Aroclor-1232 {2}	6.85	10.43	19046	15776	1.396	1.313
13) L3	Aroclor-1232 {3}	8.66	12.36	14394	11996	1.739	1.730
Total	Aroclor-1232			41916	31960	3.599	3.335
Average	Aroclor-1232					1.200	1.112
14) L4	Aroclor-1242	8.28	11.78	90642	65210	2.189	2.188
15) L4	Aroclor-1242 {2}	9.39	12.36	40899	11996	2.102	0.908 #
16) L4	Aroclor-1242 {3}	10.13	14.13	41158	30301	2.436	2.277
Total	Aroclor-1242			172699	107507	6.727	5.373
Average	Aroclor-1242					2.242	1.791
17) L5	Aroclor-1248	9.39	15.08	40899	26587	1.285	1.180
18) L5	Aroclor-1248 {2}	10.13	0.00	41158	0	1.503	N.D. #
19) L5	Aroclor-1248 {3}	11.44	16.31	43691	21464	1.256	1.202
Total	Aroclor-1248			125748	48051	4.043	2.382
Average	Aroclor-1248					1.348	1.191

needs dilution

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-36.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-36.D\CONFIRM.D
Acq On : 28 Aug 96 07:31 AM
Sample : VHB/ PV5
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 28 8:04 1996

Vial: 64
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.59	23426	26076	0.750	0.965 #
21) L6 Aroclor-1254 {2}	13.48	15.84	40799	24743	0.945	0.850
22) L6 Aroclor-1254 {3}	15.88	17.70	33757	36990	1.051	0.929
Total Aroclor-1254			97983	87809	2.746	2.744
Average Aroclor-1254					0.915	0.915
23) L7 Aroclor-1260	13.98	0.00	20468	0	0.590	N.D. #
24) L7 Aroclor-1260 {2}	14.76	18.65	18190	17574	0.447	0.489
25) L7 Aroclor-1260 {3}	17.98	22.06	12375	8443	0.214	0.158 #
Total Aroclor-1260			51033	26017	1.251	0.646
Average Aroclor-1260					0.417	0.323
26) L8 Aroclor-1268	0.00	23.34f	0	3895	N.D.	0.907 #
27) L8 Aroclor-1268 {2}	0.00	23.54	0	3847	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	3895	N.D.	0.907
Average Aroclor-1268					0.000	0.907

AR1254

$$\frac{1.996 \times 10}{0.0302 \times .91 \times .666} = 1,090$$

1100

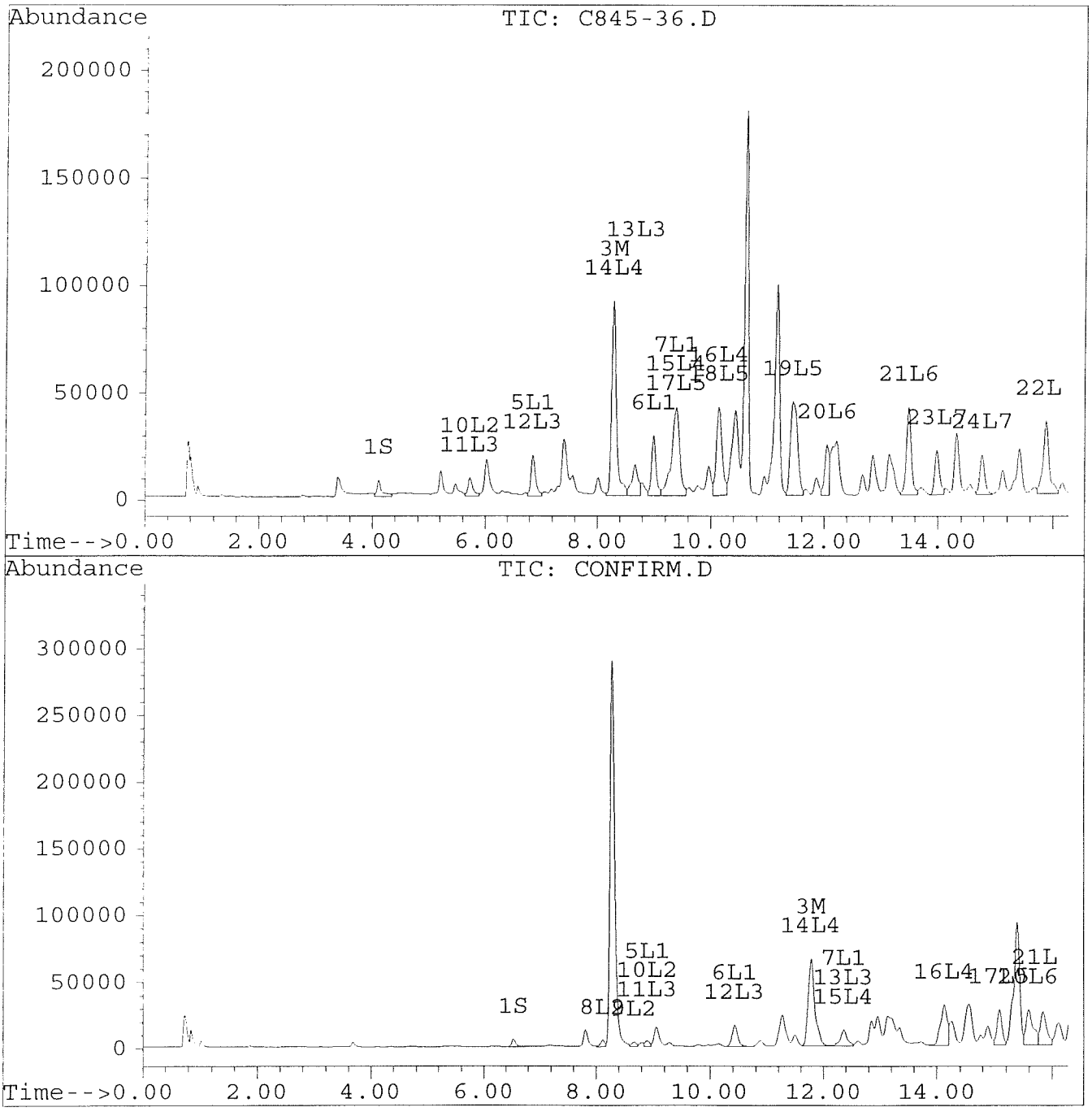
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-36.D Vial: 64
Signal #2 : D:\HPCHEM\5\AU26A\C845-36.D\CONFIRM.D
Acq On : 28 Aug 96 07:31 AM Operator: JS
Sample : VHB/ PV5 Inst : ECD1
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 8:04 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0435

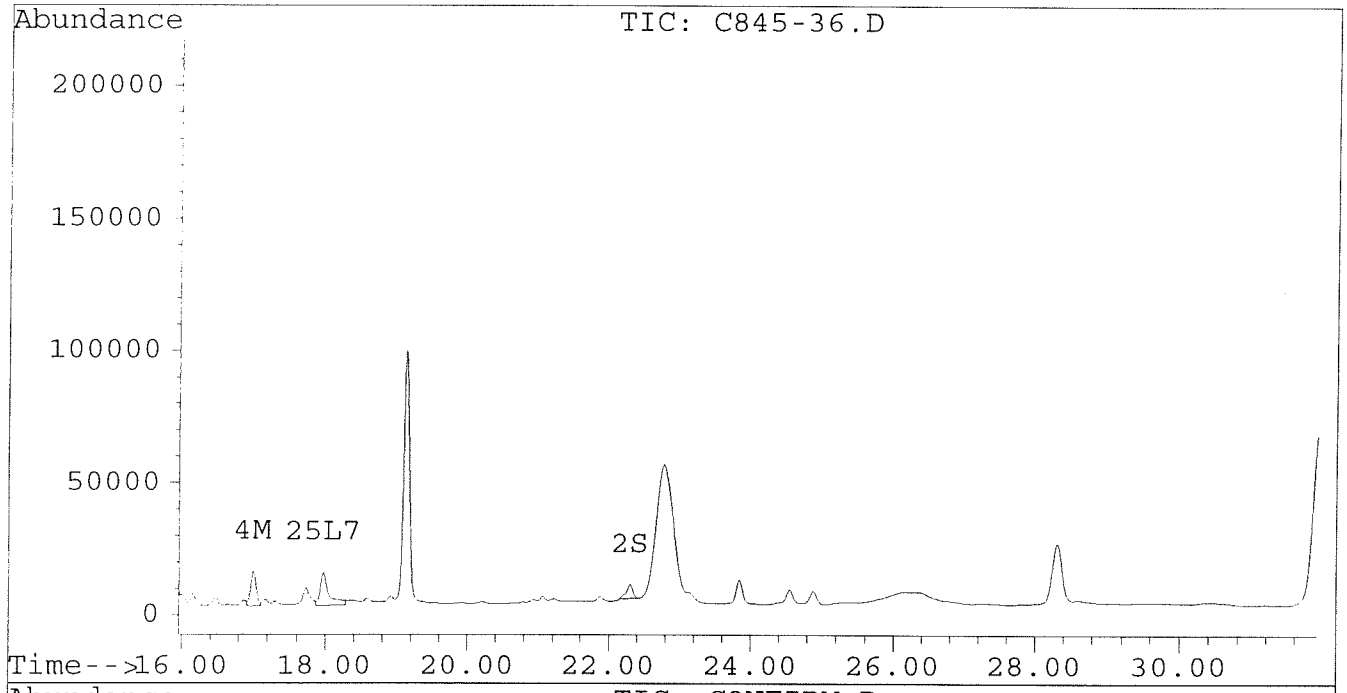
Quantitation Report

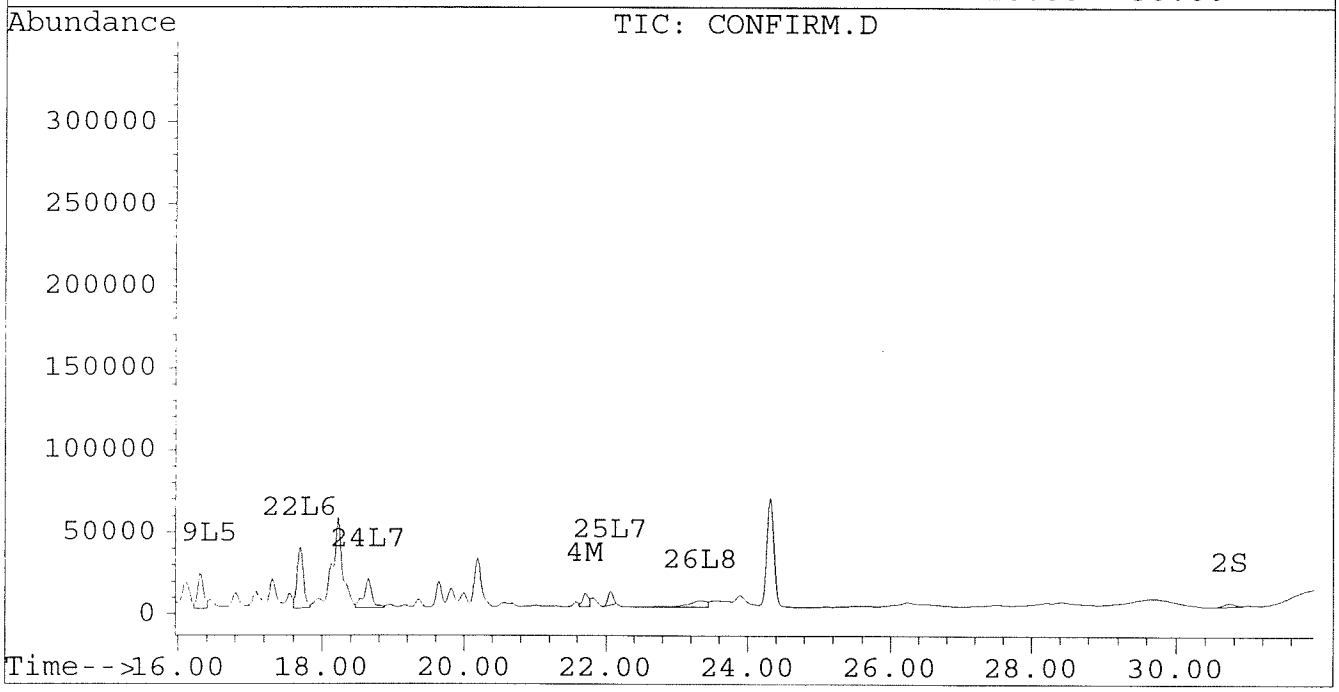
Signal #1 : D:\HPCHEM\5\AU26A\C845-36.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-36.D\CONFIRM.D
Acq On : 28 Aug 96 07:31 AM
Sample : VHB/ PV5
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 28 8:04 1996

Vial: 64
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-36A.D Vial: 86
Signal #2 : D:\HPCHEM\5\AU29\C845-36A.D\CONFIRM.D
Acq On : 01 Sep 96 12:55 PM Operator: JS
Sample : VHB/ PV5 1:5 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 1 13:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.11	6.53	1568	1724	0.007	0.009 #
					Recovery	=	17.50%	22.50%
2)	S	Decachlorobiphenyl	22.29	30.72	1190	510	0.006	0.006
					Recovery	=	15.00%	15.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.27	11.78	23913	16608	0.218	0.173
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	3038	1706	0.016	0.011 #
5)	L1	Aroclor-1016	6.85	8.90	5226	2221	0.163	0.165
6)	L1	Aroclor-1016 {2}	8.98	10.43	6541	5519	0.373	0.198 #
7)	L1	Aroclor-1016 {3}	9.38	12.36	11155	3725	0.430	0.216 #
		Total Aroclor-1016			22922	11464	0.966	0.579
		Average Aroclor-1016					0.322	0.193
8)	L2	Aroclor-1221	0.00	8.11	0	2018	N.D.	0.330 #
9)	L2	Aroclor-1221 {2}	0.00	8.66	0	1887	N.D.	0.387 #
10)	L2	Aroclor-1221 {3}	5.72	8.90	2060	2221	0.102	0.145 #
		Total Aroclor-1221			2060	6126	0.102	0.862
		Average Aroclor-1221					0.102	0.287
11)	L3	Aroclor-1232	5.72	8.90	2060	2221	0.113	0.155 #
12)	L3	Aroclor-1232 {2}	6.85	10.43	5226	5519	0.383	0.459
13)	L3	Aroclor-1232 {3}	8.66	12.36	3583	3725	0.433	0.537
		Total Aroclor-1232			10869	11464	0.929	1.151
		Average Aroclor-1232					0.310	0.384
14)	L4	Aroclor-1242	8.27	11.78	23913	16608	0.578	0.557
15)	L4	Aroclor-1242 {2}	9.38	12.36	11155	3725	0.573	0.282 #
16)	L4	Aroclor-1242 {3}	10.13	14.13	10609	8359	0.628	0.628
		Total Aroclor-1242			45677	28691	1.779	1.467
		Average Aroclor-1242					0.593	0.489
17)	L5	Aroclor-1248	9.38	15.08	11155	6444	0.350	0.286
18)	L5	Aroclor-1248 {2}	10.13	0.00	10609	0	0.387	N.D. #
19)	L5	Aroclor-1248 {3}	11.43	16.31	11311	4528	0.325	0.254
		Total Aroclor-1248			33075	10972	1.063	0.540
		Average Aroclor-1248					0.354	0.270

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-36A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-36A.D\CONFIRM.D
Acq On : 01 Sep 96 12:55 PM
Sample : VHB/ PV5 1:5 DILUTION
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Sep 1 13:29 1996

Vial: 86
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	6423	6571	0.206	0.243
21) L6	Aroclor-1254 {2}	13.48	15.84	10043	6512	0.233	0.224
22) L6	Aroclor-1254 {3}	15.87	17.69	8165	8486	0.254	0.213
Total	Aroclor-1254			24632	21569	0.692	0.680
Average	Aroclor-1254					0.231	0.227
23) L7	Aroclor-1260	13.97	0.00	5396	0	0.155	N.D. #
24) L7	Aroclor-1260 {2}	14.76	18.64	4591	4402	0.113	0.122
25) L7	Aroclor-1260 {3}	17.97	22.06	2540	1873	0.044	0.035
Total	Aroclor-1260			12527	6276	0.312	0.157
Average	Aroclor-1260					0.104	0.079
26) L8	Aroclor-1268	0.00	23.31	0	22	N.D.	0.005 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	22	N.D.	0.005
Average	Aroclor-1268					0.000	0.005

AR 1242

$\frac{1.151 \times 10}{0.0302 \times .91 \times .666} \times 5 = 3144$

3100

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0438

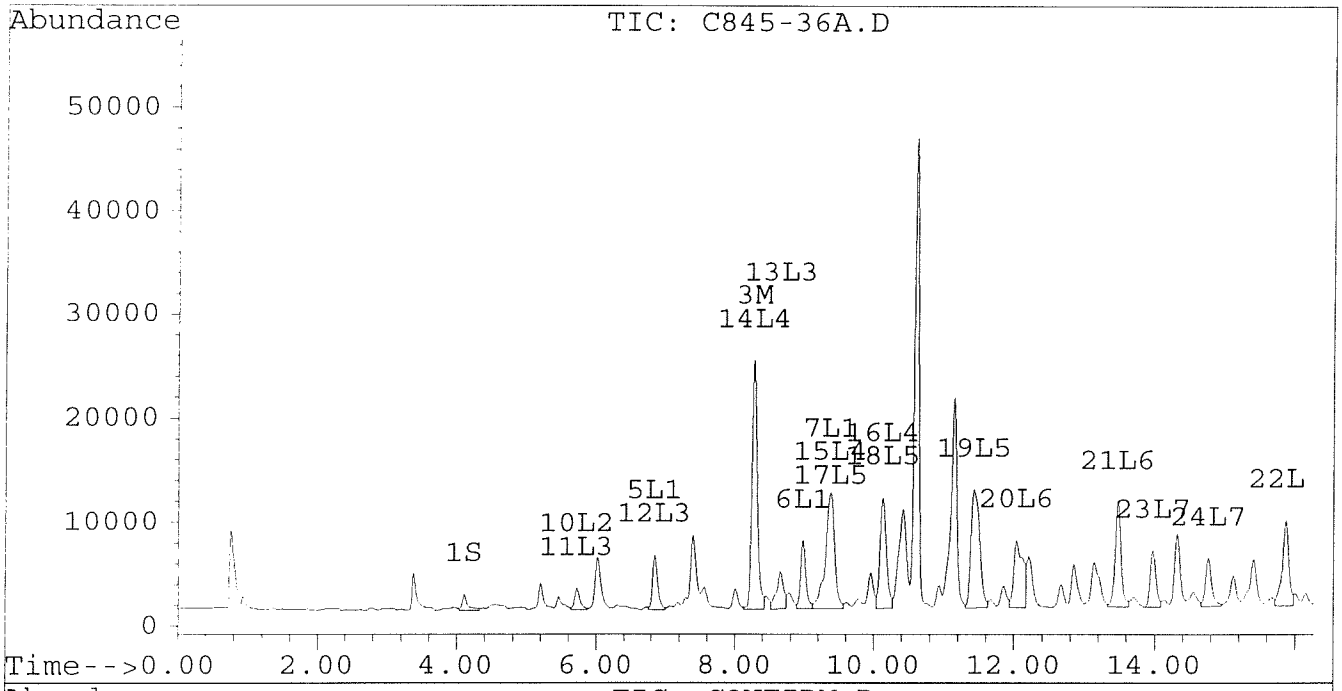
Quantitation Report

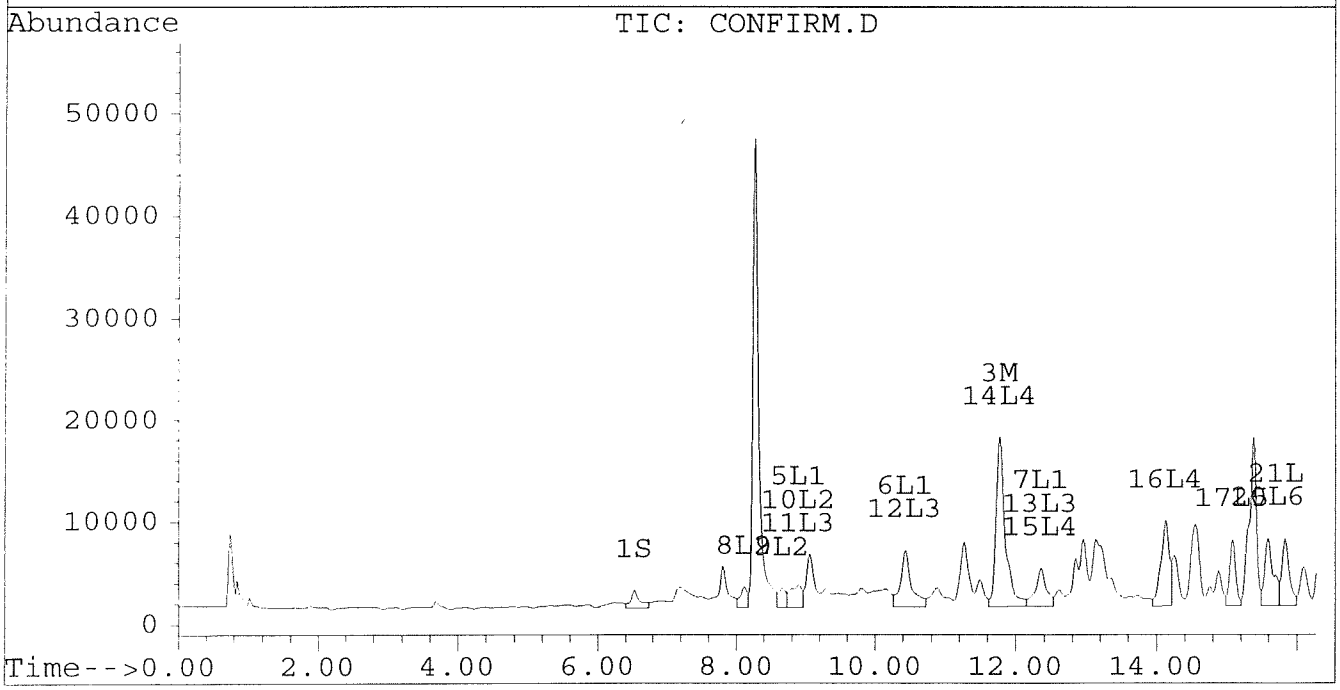
Signal #1 : D:\HPCHEM\5\AU29\C845-36A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-36A.D\CONFIRM.D
Acq On : 01 Sep 96 12:55 PM
Sample : VHB/ PV5 1:5 DILUTION
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Sep 1 13:29 1996

Vial: 86
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0439

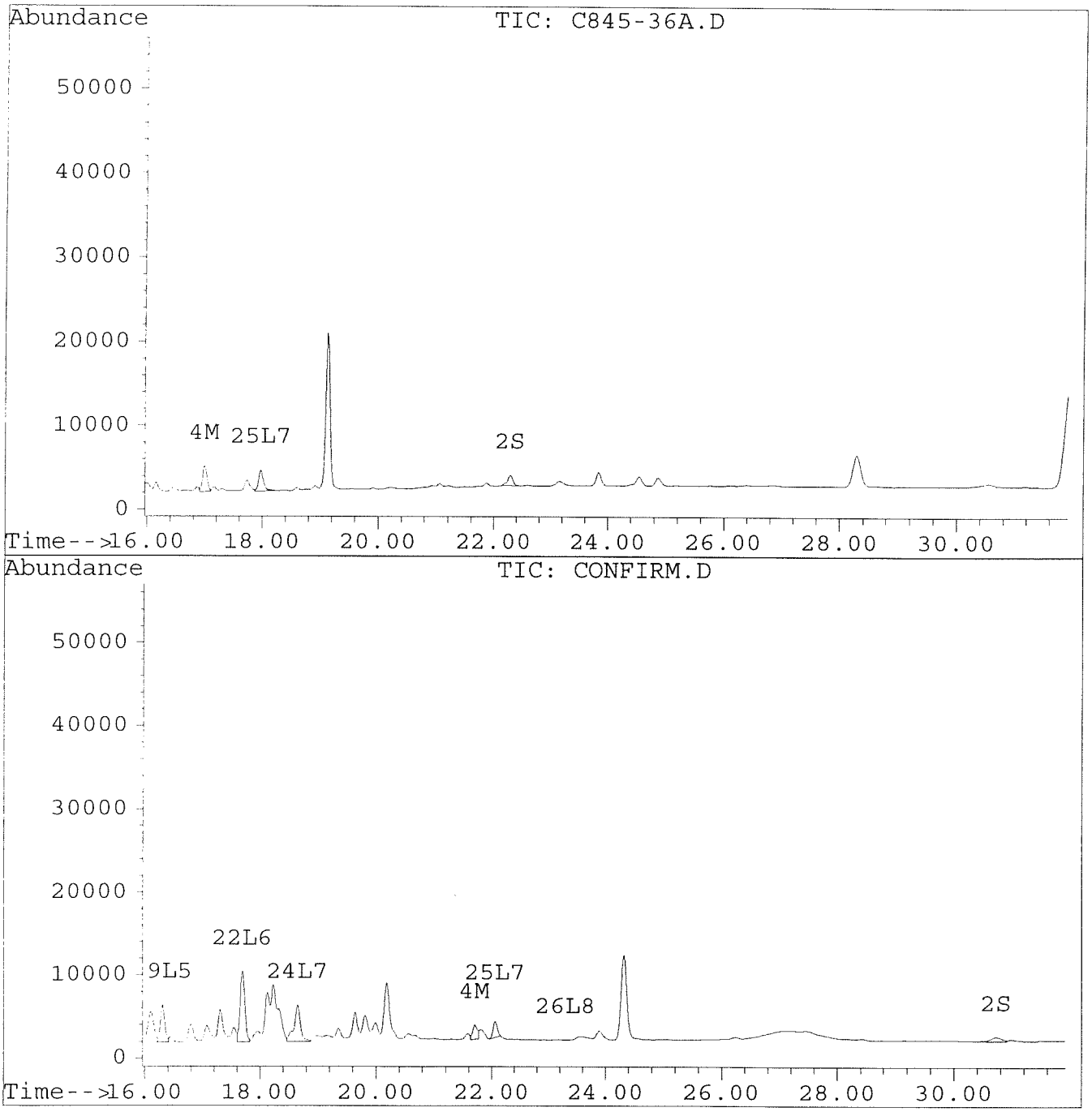
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-36A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-36A.D\CONFIRM.D
Acq On : 01 Sep 96 12:55 PM
Sample : VHB/ PV5 1:5 DILUTION
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Sep 1 13:29 1996

Vial: 86
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-37.D Vial: 65
Signal #2 : D:\HPCHEM\5\AU26A\C845-37.D\CONFIRM.D
Acq On : 28 Aug 96 08:06 AM Operator: JS
Sample : VHB/ PW4 Inst : ECD1
Misc : 30.1G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 8:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	9182	7476	0.038	0.039
				Recovery	=	95.00%	97.50%
2) S	Decachlorobiphenyl	0.00	30.72	0	2436	N.D.	0.028 #
				Recovery	=	0.00%	70.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	8985	5234	0.082	0.055 #
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	1359	639	0.007	0.004 #
5) L1	Aroclor-1016	6.86	8.90	1565	445	0.049	0.033 #
6) L1	Aroclor-1016 (2)	8.99	10.43	1954	1512	0.111	0.054 #
7) L1	Aroclor-1016 (3)	9.38	12.35	5030	1399	0.194	0.081 #
	Total Aroclor-1016			8549	3356	0.354	0.168
	Average Aroclor-1016					0.118	0.056
8) L2	Aroclor-1221	0.00	8.12	0	283	N.D.	0.046 #
9) L2	Aroclor-1221 (2)	5.56	8.67	66	272	0.011	0.056 #
10) L2	Aroclor-1221 (3)	5.74	8.90	734	445	0.036	0.029
	Total Aroclor-1221			800	1000	0.048	0.131
	Average Aroclor-1221					0.024	0.044
11) L3	Aroclor-1232	5.74	8.90	734	445	0.040	0.031
12) L3	Aroclor-1232 (2)	6.86	10.43	1565	1512	0.115	0.126
13) L3	Aroclor-1232 (3)	8.66	12.35	1165	1399	0.141	0.202 #
	Total Aroclor-1232			3464	3356	0.296	0.359
	Average Aroclor-1232					0.099	0.120
14) L4	Aroclor-1242	8.28	11.78	8985	5234	0.217	0.176
15) L4	Aroclor-1242 (2)	9.38	12.35	5030	1399	0.259	0.106 #
16) L4	Aroclor-1242 (3)	10.13	14.13	4343	3236	0.257	0.243
	Total Aroclor-1242			18358	9868	0.733	0.525
	Average Aroclor-1242					0.244	0.175
17) L5	Aroclor-1248	9.38	15.08	5030	3128	0.158	0.139
18) L5	Aroclor-1248 (2)	10.13	15.30	4343	3233	0.159	0.139
19) L5	Aroclor-1248 (3)	11.44	16.31	6064	1941	0.174	0.109 #
	Total Aroclor-1248			15437	8302	0.491	0.386
	Average Aroclor-1248					0.164	0.129

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0111

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-37.D Vial: 65
Signal #2 : D:\HPCHEM\5\AU26A\C845-37.D\CONFIRM.D
Acq On : 28 Aug 96 08:06 AM Operator: JS
Sample : VHB/ PW4 Inst : ECD1
Misc : 30.1G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 8:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	3707	3066	0.119	0.113
21) L6	Aroclor-1254 {2}	13.49	15.84	5431	3447	0.126	0.118
22) L6	Aroclor-1254 {3}	15.88	17.69	4044	4492	0.126	0.113
Total	Aroclor-1254			13182	11004	0.370	0.345
Average	Aroclor-1254					0.123	0.115
23) L7	Aroclor-1260	13.98	18.33	2772	2724	0.080	0.085
24) L7	Aroclor-1260 {2}	14.77	18.64	2472	3167	0.061	0.088 #
25) L7	Aroclor-1260 {3}	17.98	22.06	1463	741	0.025	0.014 #
Total	Aroclor-1260			6707	6633	0.166	0.187
Average	Aroclor-1260					0.055	0.062
26) L8	Aroclor-1268	0.00	23.33	0	1682	N.D.	0.392 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	1682	N.D.	0.392
Average	Aroclor-1268					0.000	0.392

AR1242

$$\frac{0.476\ \mu g/mL \times 10\ mL}{0.0301\ g \times .96} = 164\ \mu g/g$$

AR1254

$$\frac{6.252 \times 10}{0.00301 \times .96} = 87.2\ \mu g/g$$

87

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

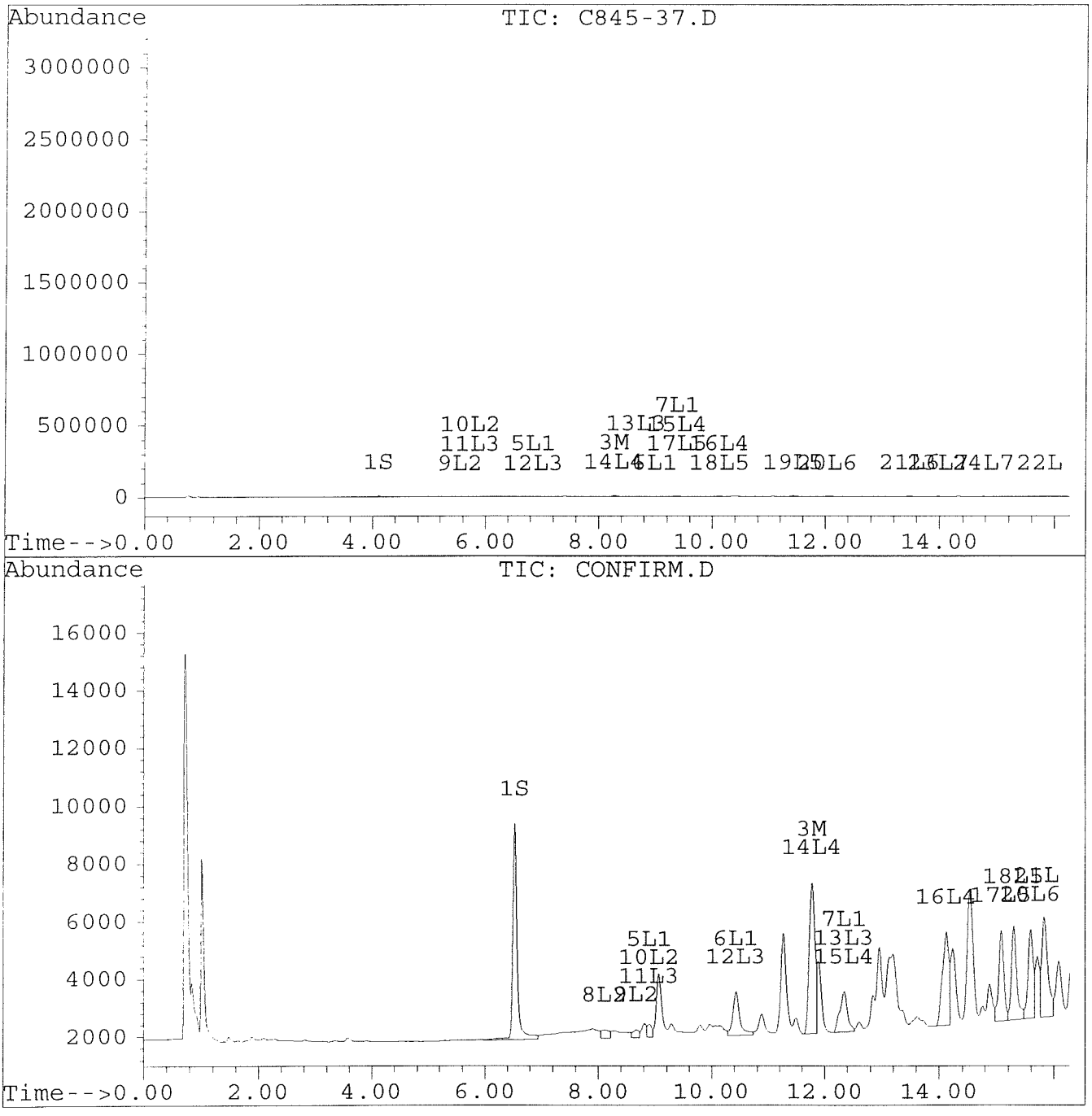
0442

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-37.D Vial: 65
Signal #2 : D:\HPCHEM\5\AU26A\C845-37.D\CONFIRM.D
Acq On : 28 Aug 96 08:06 AM Operator: JS
Sample : VHB/ PW4 Inst : ECD1
Misc : 30.1G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 8:40 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



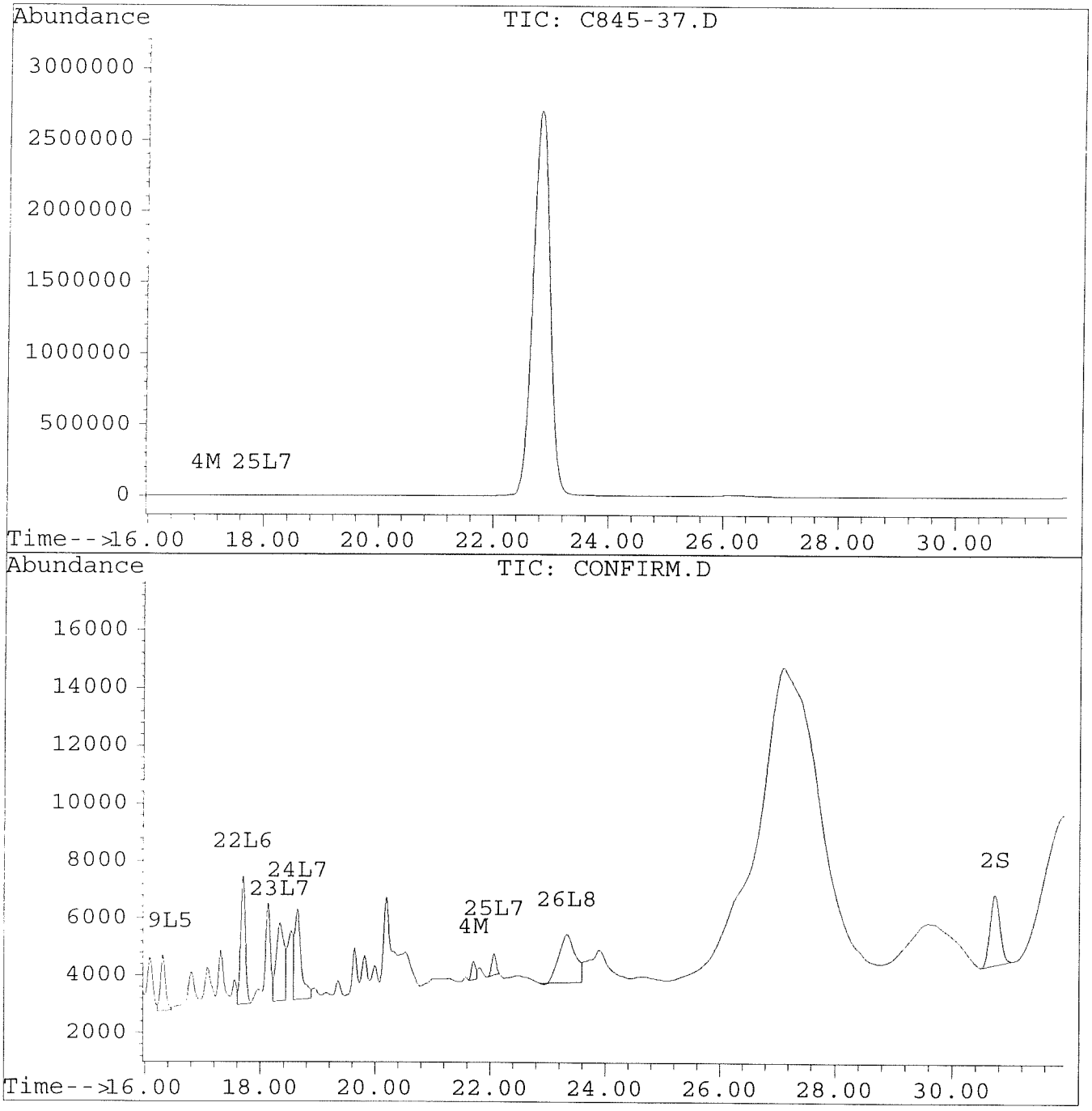
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-37.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-37.D\CONFIRM.D
Acq On : 28 Aug 96 08:06 AM
Sample : VHB/ PW4
Misc : 30.1G/10ML 96% SOLID PCB ANALYSIS
Quant Time: Aug 28 8:40 1996

Vial: 65
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0444

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-38.D Vial: 66
Signal #2 : D:\HPCHEM\5\AU26A\C845-38.D\CONFIRM.D
Acq On : 28 Aug 96 08:42 AM Operator: JS
Sample : VHB/ PW5 Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 9:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	8738	7183	0.037	0.038	
					Recovery	=	92.50%	95.00%	
2)	S	Decachlorobiphenyl	22.30	30.72	5495	2333	0.026	0.026	
					Recovery	=	65.00%	65.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.28	11.78	5452	3634	0.050	0.038	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	1819	1206	0.010	0.008	
5)	L1	Aroclor-1016	6.86	8.91	1024	347	0.032	0.026	
6)	L1	Aroclor-1016 {2}	8.99	10.43	1378	1069	0.079	0.038	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	3938	981	0.152	0.057	#
		Total Aroclor-1016			6339	2397	0.262	0.121	
		Average Aroclor-1016					0.087	0.040	
8)	L2	Aroclor-1221	0.00	8.13	0	166	N.D.	0.027	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	132	217	0.023	0.045	#
10)	L2	Aroclor-1221 {3}	5.73	8.91	497	347	0.025	0.023	
		Total Aroclor-1221			630	730	0.047	0.094	
		Average Aroclor-1221					0.024	0.031	
11)	L3	Aroclor-1232	5.73	8.91	497	347	0.027	0.024	
12)	L3	Aroclor-1232 {2}	6.86	10.43	1024	1069	0.075	0.089	
13)	L3	Aroclor-1232 {3}	8.67	12.36	1062	981	0.128	0.141	
		Total Aroclor-1232			2583	2397	0.231	0.255	
		Average Aroclor-1232					0.077	0.085	
14)	L4	Aroclor-1242	8.28	11.78	5452	3634	0.132	0.122	
15)	L4	Aroclor-1242 {2}	9.38	12.36	3938	981	0.202	0.074	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	3853	3007	0.228	0.226	
		Total Aroclor-1242			13243	7622	0.562	0.422	
		Average Aroclor-1242					0.187	0.141	
17)	L5	Aroclor-1248	9.38	15.08	3938	4062	0.124	0.180	#
18)	L5	Aroclor-1248 {2}	10.13	15.30	3853	4215	0.141	0.181	#
19)	L5	Aroclor-1248 {3}	11.44	16.31	6460	4573	0.186	0.256	#
		Total Aroclor-1248			14251	12850	0.450	0.617	
		Average Aroclor-1248					0.150	0.206	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-38.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-38.D\CONFIRM.D
Acq On : 28 Aug 96 08:42 AM
Sample : VHB/ PW5
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Aug 28 9:16 1996

Vial: 66
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.05	15.60	3474	3348	0.111	0.124
21) L6	Aroclor-1254 {2}	13.49	15.84	5783	4256	0.134	0.146
22) L6	Aroclor-1254 {3}	15.88	17.69	4880	4693	0.152	0.118
Total	Aroclor-1254			14137	12298	0.397	0.388
Average	Aroclor-1254					0.132	0.129
23) L7	Aroclor-1260	13.98	18.33	3458	1973	0.100	0.062 #
24) L7	Aroclor-1260 {2}	14.77	18.64	2825	2376	0.069	0.066
25) L7	Aroclor-1260 {3}	17.97	22.07	1691	398	0.029	0.007 #
Total	Aroclor-1260			7973	4746	0.198	0.135
Average	Aroclor-1260					0.066	0.045
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR 1242

$$\frac{0.334 \times 10}{0.0302 \times .93} = 118$$

AR 1254

0.286

$$\frac{0.263 \times 10}{0.0302 \times .93} = 93 \quad 101.8$$

100

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

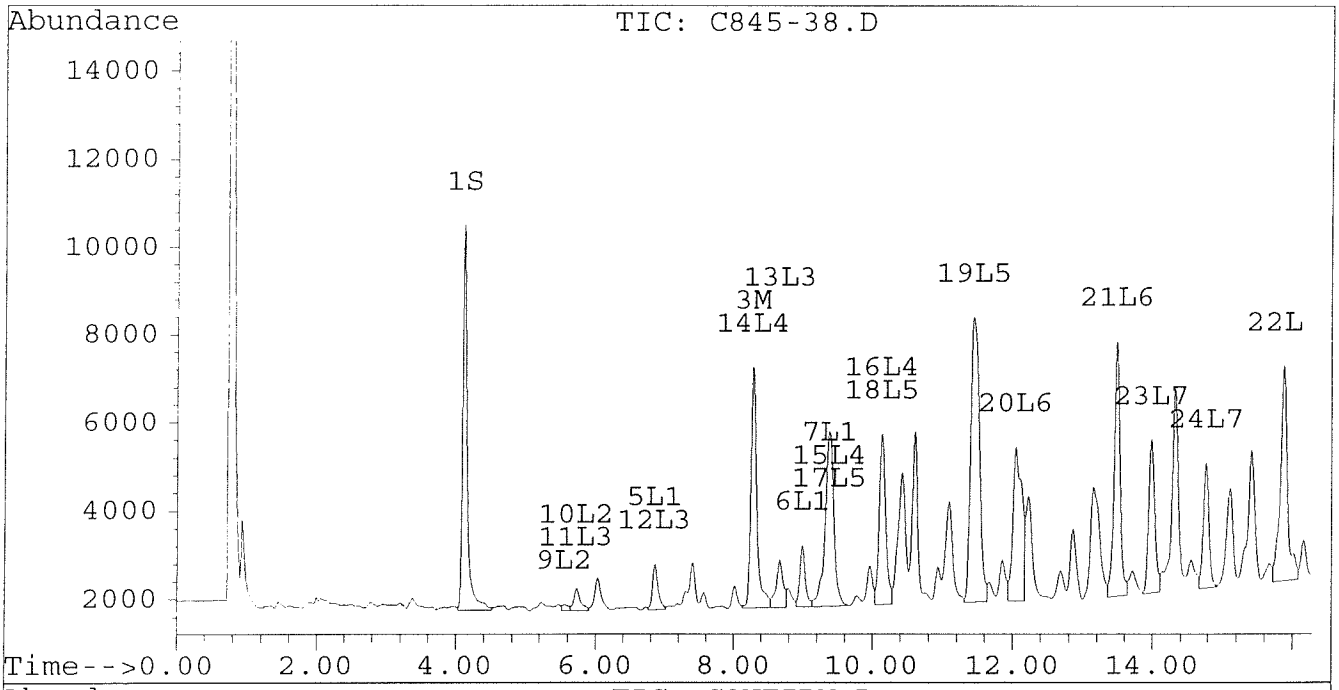
0446

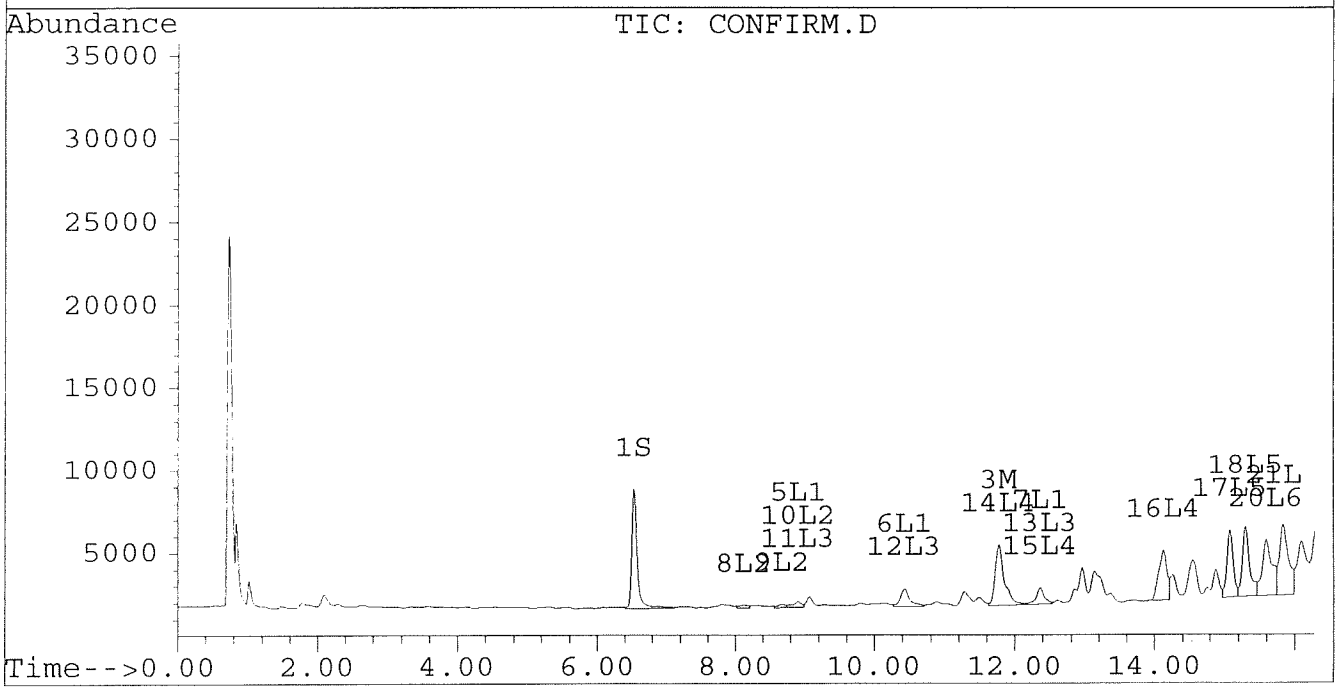
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-38.D Vial: 66
Signal #2 : D:\HPCHEM\5\AU26A\C845-38.D\CONFIRM.D
Acq On : 28 Aug 96 08:42 AM Operator: JS
Sample : VHB/ PW5 Inst : ECD1
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 9:16 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0447

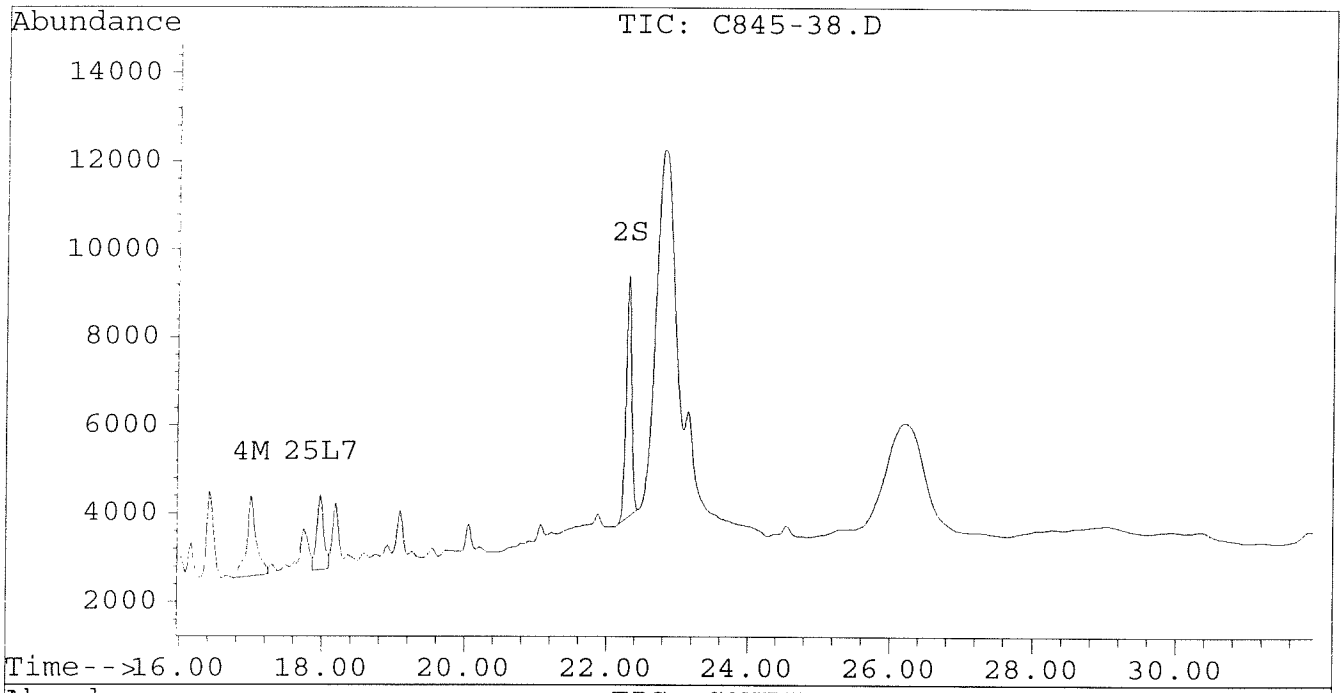
Quantitation Report

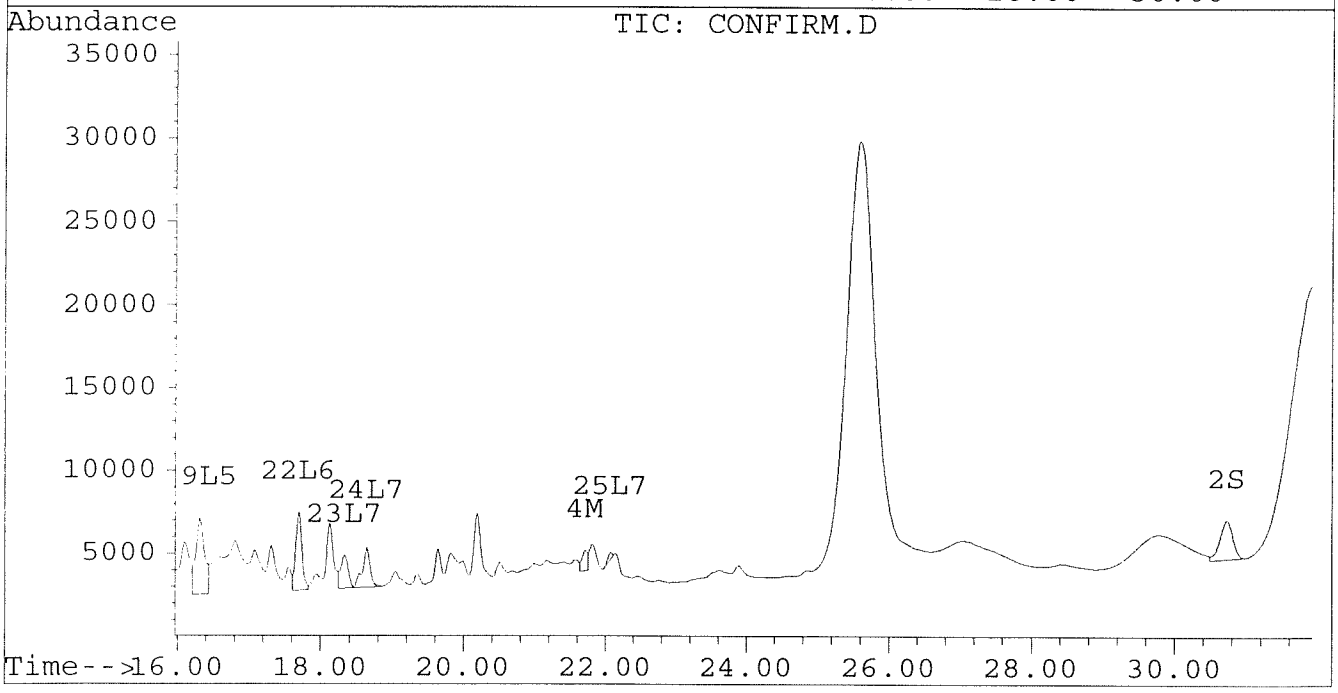
Signal #1 : D:\HPCHEM\5\AU26A\C845-38.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-38.D\CONFIRM.D
Acq On : 28 Aug 96 08:42 AM
Sample : VHB/ PW5
Misc : 30.2G/10ML 93% SOLID PCB ANALYSIS
Quant Time: Aug 28 9:16 1996

Vial: 66
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0448

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-39.D Vial: 67
Signal #2 : D:\HPCHEM\5\AU26A\C845-39.D\CONFIRM.D
Acq On : 28 Aug 96 09:17 AM Operator: JS
Sample : VHB/ PW6 Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 9:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	6806	5628	0.029	0.029	
				Recovery	=	72.50%	72.50%	
2) S	Decachlorobiphenyl	22.30	0.00	4653	0	0.022	N.D.	#
				Recovery	=	55.00%	0.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.28	11.78	40236	27139	0.367	0.283	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	4605	2682	0.025	0.017	#
5) L1	Aroclor-1016	6.85	8.90	9755	1756	0.305	0.130	#
6) L1	Aroclor-1016 {2}	8.99	10.43	11021	8646	0.628	0.310	#
7) L1	Aroclor-1016 {3}	9.38	12.36	22859	6095	0.882	0.353	#
Total	Aroclor-1016			43634	16497	1.815	0.793	
Average	Aroclor-1016					0.605	0.264	
8) L2	Aroclor-1221	5.14	8.12	192	664	0.027	0.109	#
9) L2	Aroclor-1221 {2}	5.56	8.67	412	1090	0.071	0.224	#
10) L2	Aroclor-1221 {3}	5.73	8.90	3418	1756	0.169	0.114	#
Total	Aroclor-1221			4022	3510	0.267	0.446	
Average	Aroclor-1221					0.089	0.149	
11) L3	Aroclor-1232	5.73	8.90	3418	1756	0.187	0.123	#
12) L3	Aroclor-1232 {2}	6.85	10.43	9755	8646	0.715	0.720	
13) L3	Aroclor-1232 {3}	8.66	12.36	6343	6095	0.766	0.879	
Total	Aroclor-1232			19516	16497	1.668	1.721	
Average	Aroclor-1232					0.556	0.574	
14) L4	Aroclor-1242	8.28	11.78	40236	27139	0.972	0.911	
15) L4	Aroclor-1242 {2}	9.38	12.36	22859	6095	1.175	0.461	#
16) L4	Aroclor-1242 {3}	10.13	14.13	20830	15747	1.233	1.184	
Total	Aroclor-1242			83924	48980	3.380	2.555	
Average	Aroclor-1242					1.127	0.852	
17) L5	Aroclor-1248	9.38	15.08	22859	12909	0.718	0.573	
18) L5	Aroclor-1248 {2}	10.13	15.30	20830	14083	0.760	0.603	
19) L5	Aroclor-1248 {3}	11.44	16.31	22910	8768	0.658	0.491	#
Total	Aroclor-1248			66598	35760	2.137	1.667	
Average	Aroclor-1248					0.712	0.556	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0449

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-39.D Vial: 67
Signal #2 : D:\HPCHEM\5\AU26A\C845-39.D\CONFIRM.D
Acq On : 28 Aug 96 09:17 AM Operator: JS
Sample : VHB/ PW6 Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 9:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	12190	11185	0.390	0.414
21) L6 Aroclor-1254 {2}	13.49	15.84	18650	11506	0.432	0.395
22) L6 Aroclor-1254 {3}	15.88	17.69	13115	16411	0.408	0.412
Total Aroclor-1254			43956	39102	1.231	1.222
Average Aroclor-1254					0.410	0.407
23) L7 Aroclor-1260	13.98	18.33	9032	6083	0.260	0.190 #
24) L7 Aroclor-1260 {2}	14.76	18.64	7678	6682	0.189	0.186
25) L7 Aroclor-1260 {3}	17.97	22.06	3694	2642	0.064	0.049
Total Aroclor-1260			20403	15407	0.513	0.425
Average Aroclor-1260					0.171	0.142
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{1.147 \times 10}{0.0305 \times .95} = 395$ (400)

AR1254

0.84

~~$\frac{0.807 \times 10}{0.0305 \times .95} > 278$~~ (~~280~~)

299

(290)

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

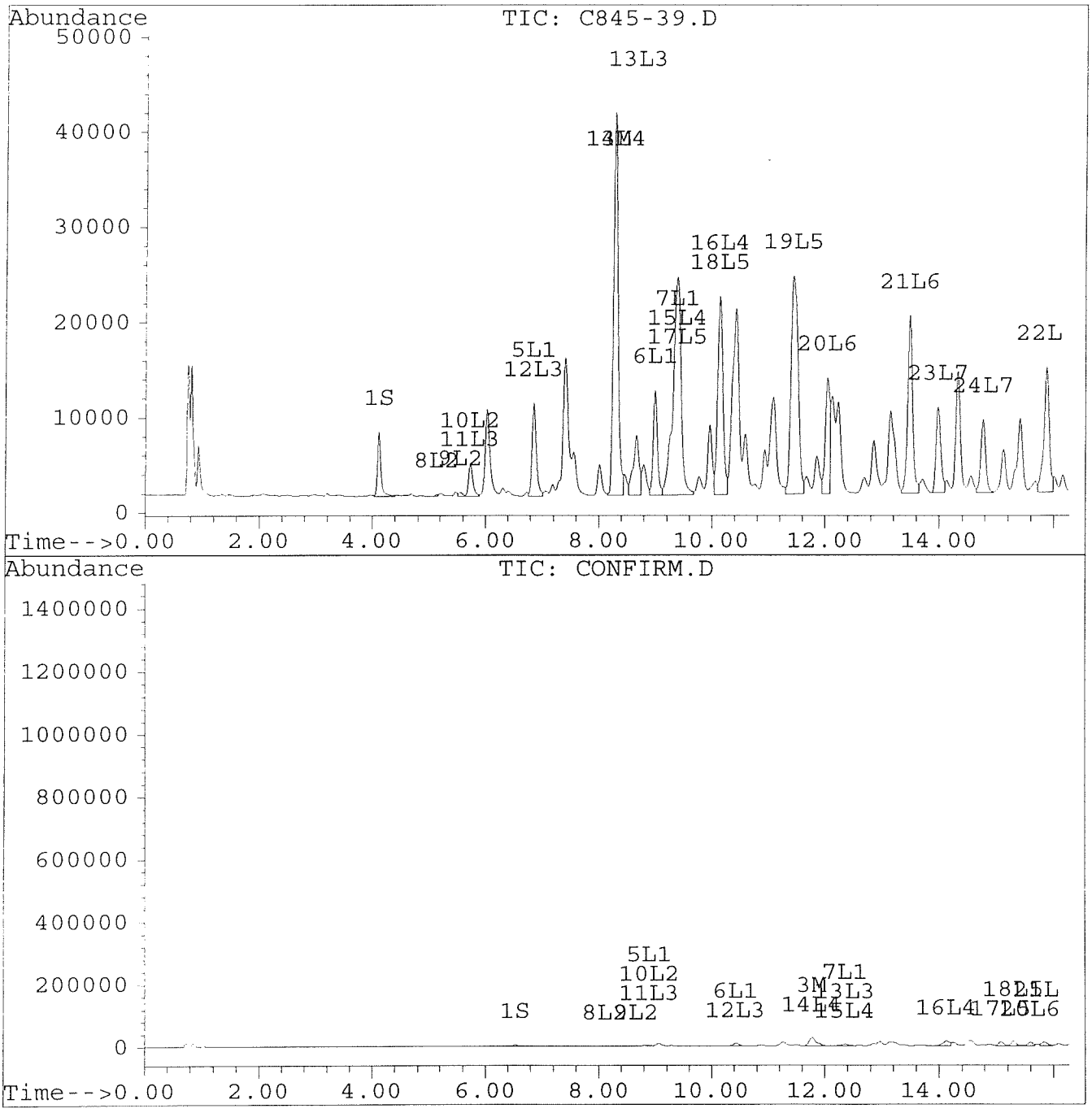
0450

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-39.D Vial: 67
Signal #2 : D:\HPCHEM\5\AU26A\C845-39.D\CONFIRM.D
Acq On : 28 Aug 96 09:17 AM Operator: JS
Sample : VHB/ PW6 Inst : ECD1
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 9:51 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



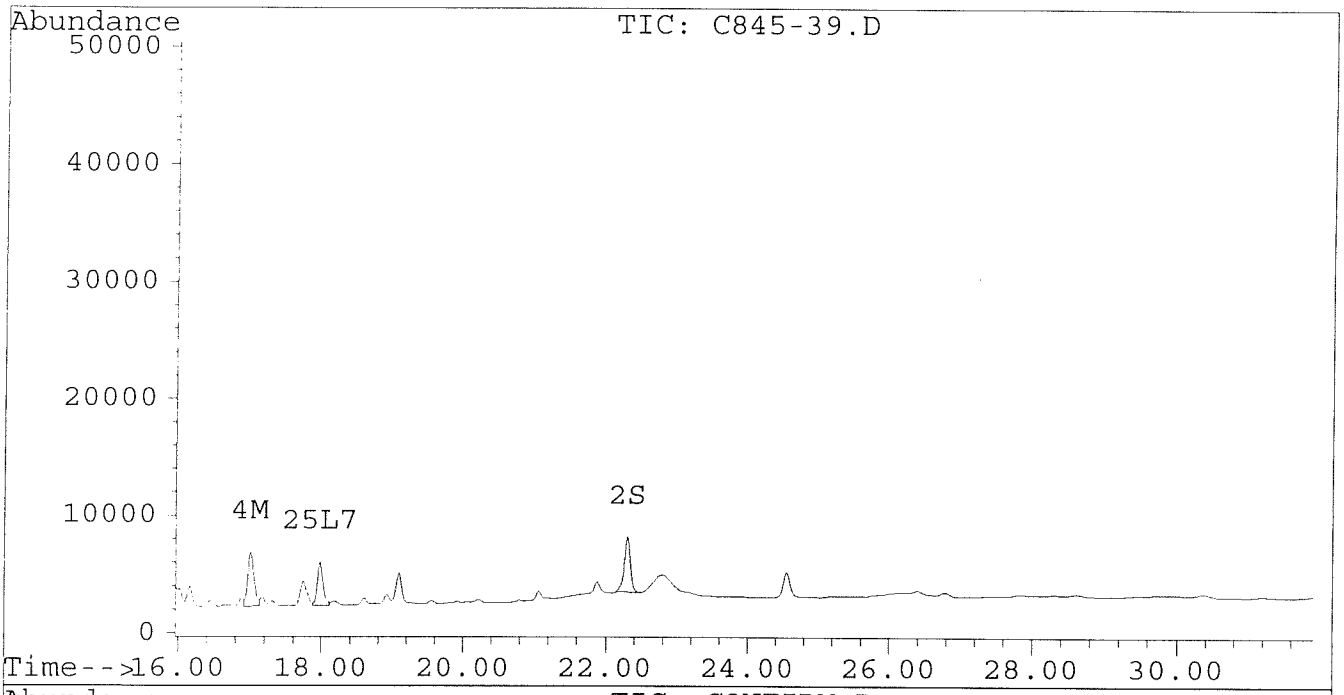
Quantitation Report

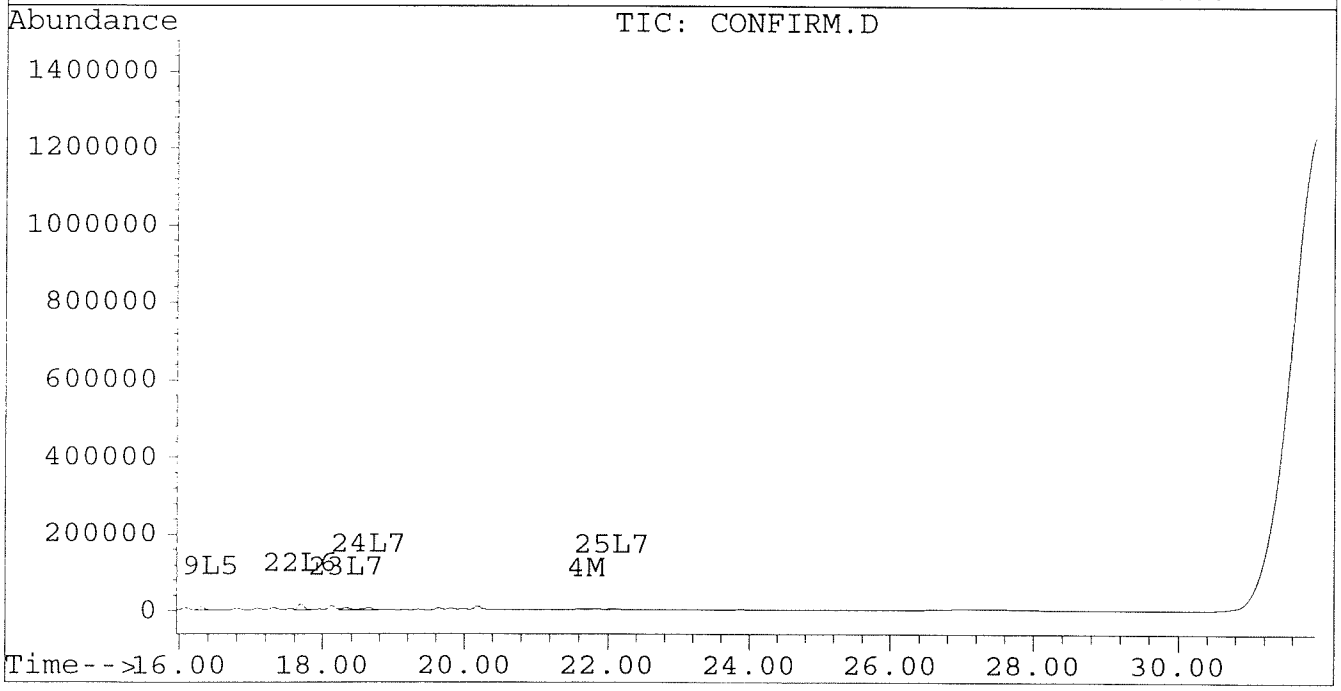
Signal #1 : D:\HPCHEM\5\AU26A\C845-39.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-39.D\CONFIRM.D
Acq On : 28 Aug 96 09:17 AM
Sample : VHB/ PW6
Misc : 30.5G/10ML 92% SOLID PCB ANALYSIS
Quant Time: Aug 28 9:51 1996

Vial: 67
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0452

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-40.D Vial: 68
Signal #2 : D:\HPCHEM\5\AU26A\C845-40.D\CONFIRM.D
Acq On : 28 Aug 96 09:53 AM Operator: JS
Sample : VHB/ PX6 Inst : ECD1
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.11	6.53	7386	27073	0.031	0.142 #
					Recovery	=	77.50%	355.00%
2)	S	Decachlorobiphenyl	22.30	30.73	5273	2234	0.025	0.025
					Recovery	=	62.50%	62.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.27	11.78	106595	105349	0.973	1.100
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	3815	1670	0.020	0.011 #
5)	L1	Aroclor-1016	6.85	0.00	7195	0	0.225	N.D. #
6)	L1	Aroclor-1016 {2}	8.99	10.43	39011	58284	2.224	2.087
7)	L1	Aroclor-1016 {3}	9.38	12.37	45339	36094	1.749	2.092
	Total	Aroclor-1016			91545	94379	4.197	4.179
Average		Aroclor-1016					1.399	2.090
8)	L2	Aroclor-1221	5.14	0.00	102	0	0.015	N.D. #
9)	L2	Aroclor-1221 {2}	5.56	0.00	250	0	0.043	N.D. #
10)	L2	Aroclor-1221 {3}	5.73	0.00	1985	0	0.098	N.D. #
	Total	Aroclor-1221			2337	0	0.156	N.D.
Average		Aroclor-1221					0.052	0.000
11)	L3	Aroclor-1232	5.73	0.00	1985	0	0.109	N.D. #
12)	L3	Aroclor-1232 {2}	6.85	10.43	7195	58284	0.527	4.851 #
13)	L3	Aroclor-1232 {3}	8.66	12.37	7458	36094	0.901	5.205 #
	Total	Aroclor-1232			16639	94379	1.537	10.057
Average		Aroclor-1232					0.512	5.028
14)	L4	Aroclor-1242	8.27	11.78	106595	105349	2.574	3.535 #
15)	L4	Aroclor-1242 {2}	9.38	12.37	45339	36094	2.330	2.731
16)	L4	Aroclor-1242 {3}	10.13	14.13	45048	46742	2.666	3.513 #
	Total	Aroclor-1242			196982	188186	7.571	9.779
Average		Aroclor-1242					2.524	3.260
17)	L5	Aroclor-1248	9.38	15.08	45339	39272	1.425	1.743
18)	L5	Aroclor-1248 {2}	10.13	15.30	45048	50372	1.645	2.158 #
19)	L5	Aroclor-1248 {3}	11.47	16.31	57071	40910	1.640	2.291 #
	Total	Aroclor-1248			147459	130554	4.709	6.192
Average		Aroclor-1248					1.570	2.064

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0453

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-40.D Vial: 68
Signal #2 : D:\HPCHEM\5\AU26A\C845-40.D\CONFIRM.D
Acq On : 28 Aug 96 09:53 AM Operator: JS
Sample : VHB/ PX6 Inst : ECD1
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10657	12842	0.341	0.475 #
21) L6 Aroclor-1254 {2}	13.48	15.84	17167	12285	0.398	0.422
22) L6 Aroclor-1254 {3}	15.87	17.70	8948	14814	0.279	0.372 #
Total Aroclor-1254			36771	39941	1.017	1.270
Average Aroclor-1254					0.339	0.423
23) L7 Aroclor-1260	13.97	18.33	11298	4857	0.326	0.152 #
24) L7 Aroclor-1260 {2}	14.76	18.65	7294	5046	0.179	0.140
25) L7 Aroclor-1260 {3}	17.97	22.06	4706	3495	0.081	0.065
Total Aroclor-1260			23298	13398	0.586	0.358
Average Aroclor-1260					0.195	0.119
26) L8 Aroclor-1268	0.00	23.33	0	649	N.D.	0.151 #
27) L8 Aroclor-1268 {2}	0.00	23.53	0	1062	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	649	N.D.	0.151
Average Aroclor-1268					0.000	0.151

AR1254

$\frac{0.677 \times 10}{0.030 \text{ IV} \cdot .91 \times .666} = 374$

370

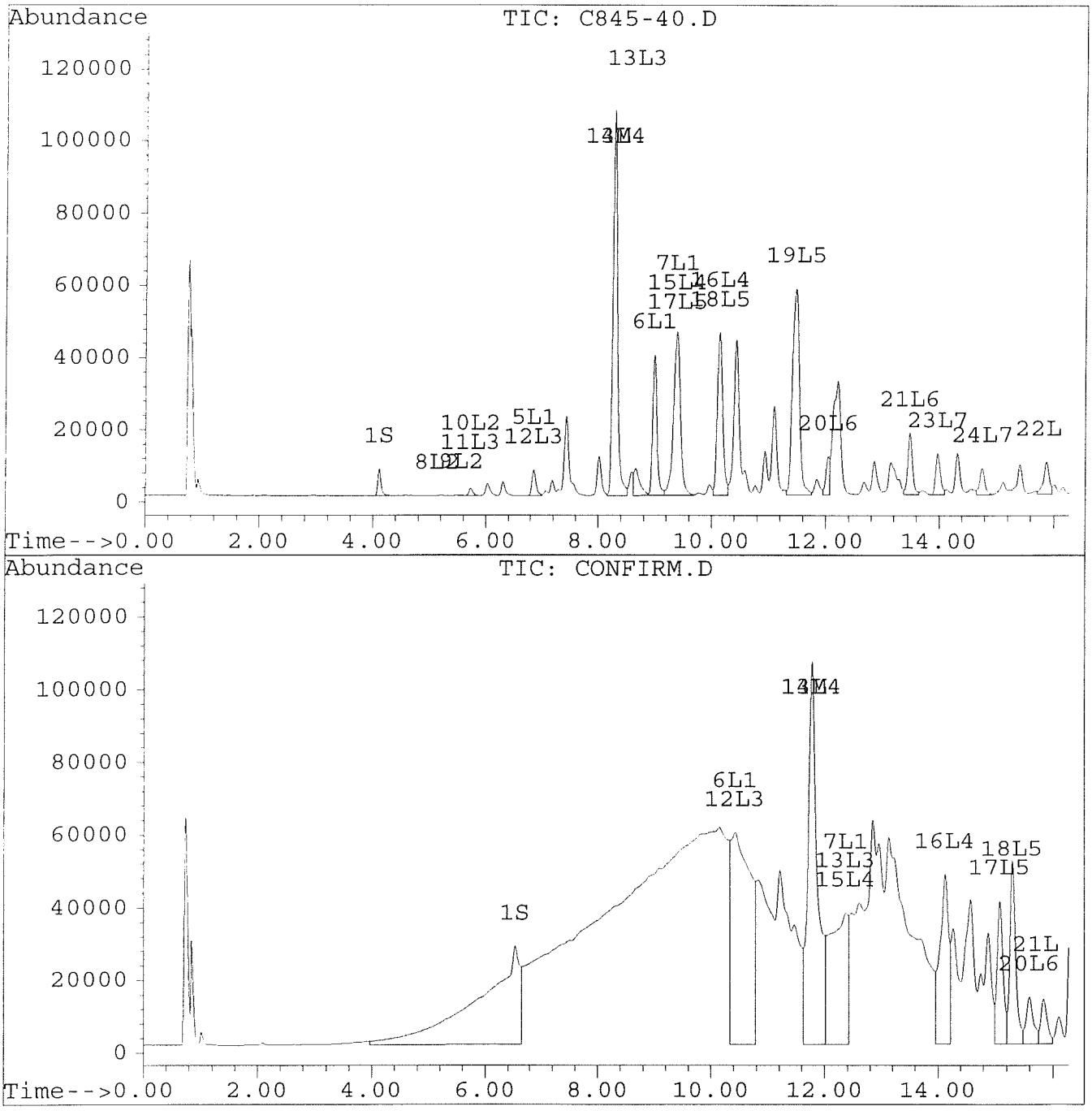
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-40.D Vial: 68
Signal #2 : D:\HPCHEM\5\AU26A\C845-40.D\CONFIRM.D
Acq On : 28 Aug 96 09:53 AM Operator: JS
Sample : VHB/ PX6 Inst : ECD1
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 10:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



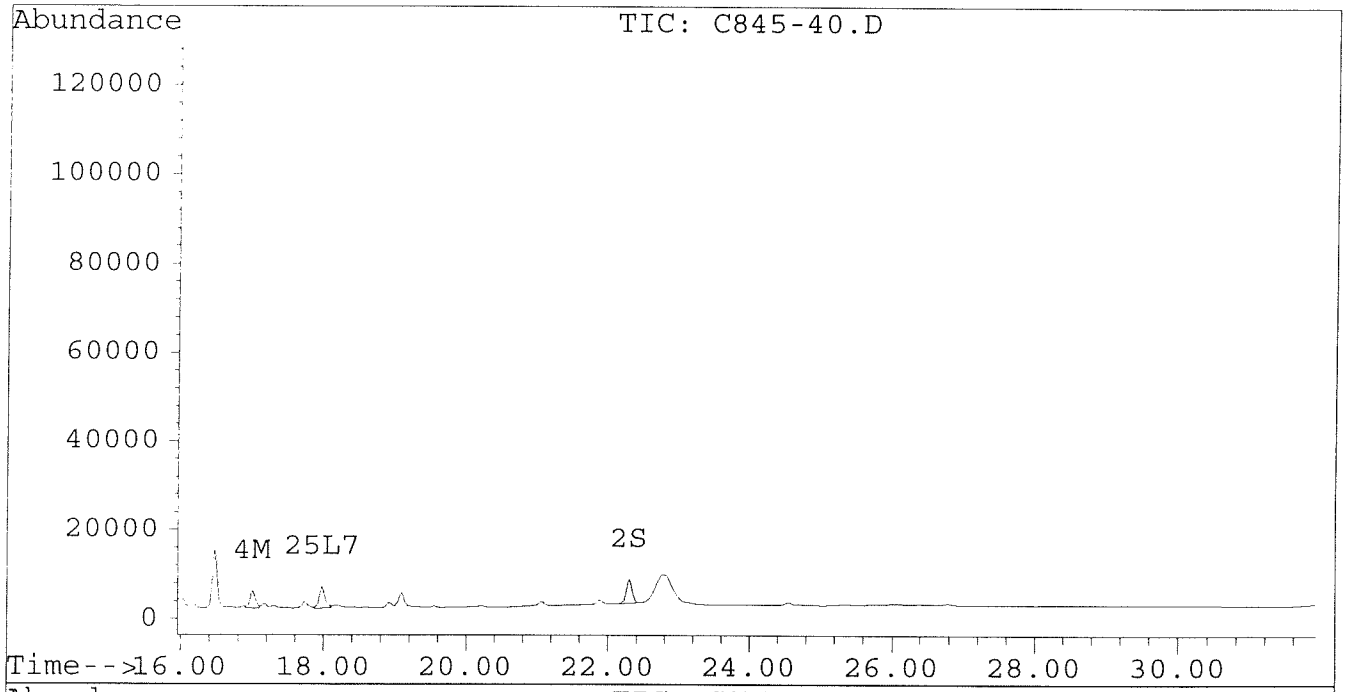
Quantitation Report

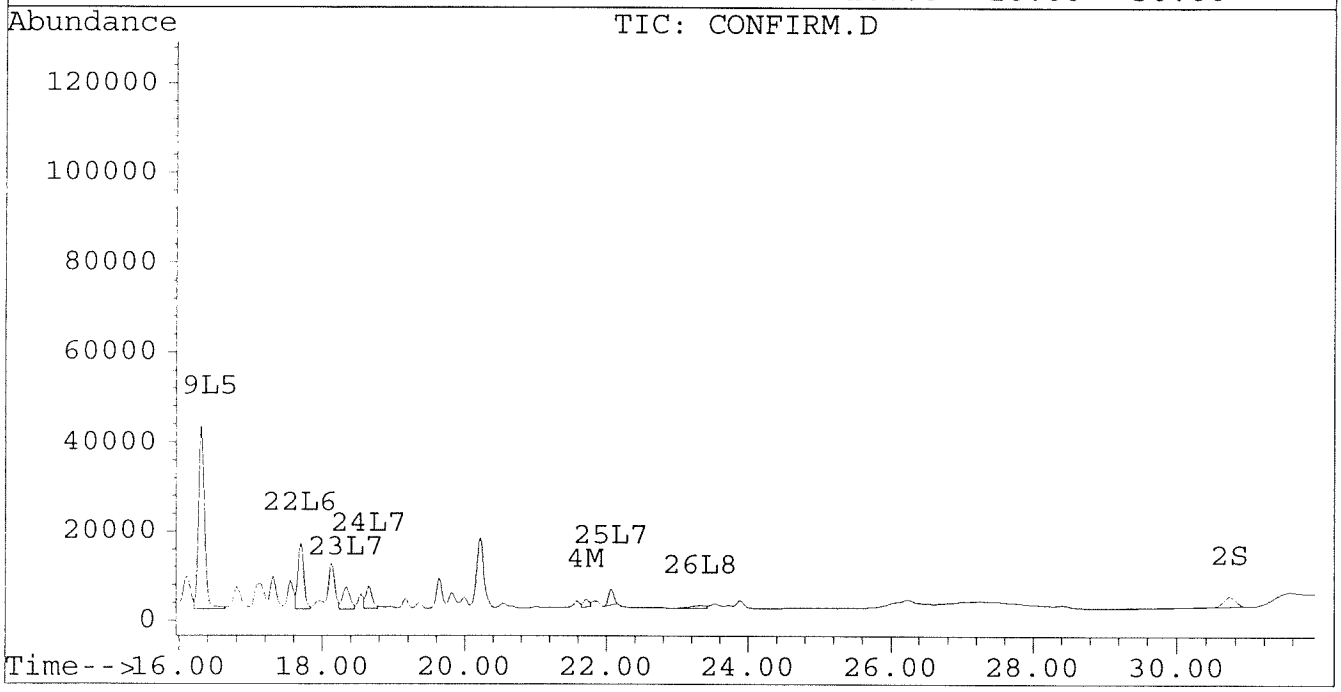
Signal #1 : D:\HPCHEM\5\AU26A\C845-40.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-40.D\CONFIRM.D
Acq On : 28 Aug 96 09:53 AM
Sample : VHB/ PX6
Misc : 30.1G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 28 10:27 1996

Vial: 68
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-40B.D Vial: 35
Signal #2 : D:\HPCHEM\5\SE3\C845-40B.D\CONFIRM.D
Acq On : 04 Sep 96 11:56 AM Operator: JS
Sample : VHB/ PX6 1:3 DILUTION Inst : ECD1
Misc : 30.1G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 4 12:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.46	2645	2089	0.011	0.011
					Recovery	=	27.50%	27.50%
2)	S	Decachlorobiphenyl	22.20	30.48	1526	1026	0.007	0.012 #
					Recovery	=	17.50%	30.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.19	11.69	42610	33176	0.389	0.346
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.60	1539	671	0.008	0.004 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1016			0	0	N.D.	N.D.
	Average	Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.15	0.00	73	0	0.010	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			73	0	0.010	N.D.
	Average	Aroclor-1221					0.010	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1232			0	0	N.D.	N.D.
	Average	Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	8.19	11.69	42610	33176	1.029	1.113
15)	L4	Aroclor-1242 {2}	9.30	12.27	19018	1583	0.978	0.120 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	18307	12486	1.084	0.938
	Total	Aroclor-1242			79936	47245	3.090	2.171
	Average	Aroclor-1242					1.030	0.724
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
	Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-40B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-40B.D\CONFIRM.D
Acq On : 04 Sep 96 11:56 AM
Sample : VHB/ PX6 1:3 DILUTION
Misc : 30.1G/10ML 91% SOLID
Quant Time: Sep 4 12:29 1996

Vial: 35
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	4275	4365	0.137	0.162
21) L6	Aroclor-1254 {2}	13.40	15.74	6310	4583	0.146	0.158
22) L6	Aroclor-1254 {3}	15.78	17.59	3254	5622	0.101	0.141 #
Total	Aroclor-1254			13838	14570	0.384	0.460
Average	Aroclor-1254					0.128	0.153
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.82f	0.00	582	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.99	0.00	1176	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$\frac{2.007 \times 10}{0.0301 \times .91 \times .666} \times 3 = 3300$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

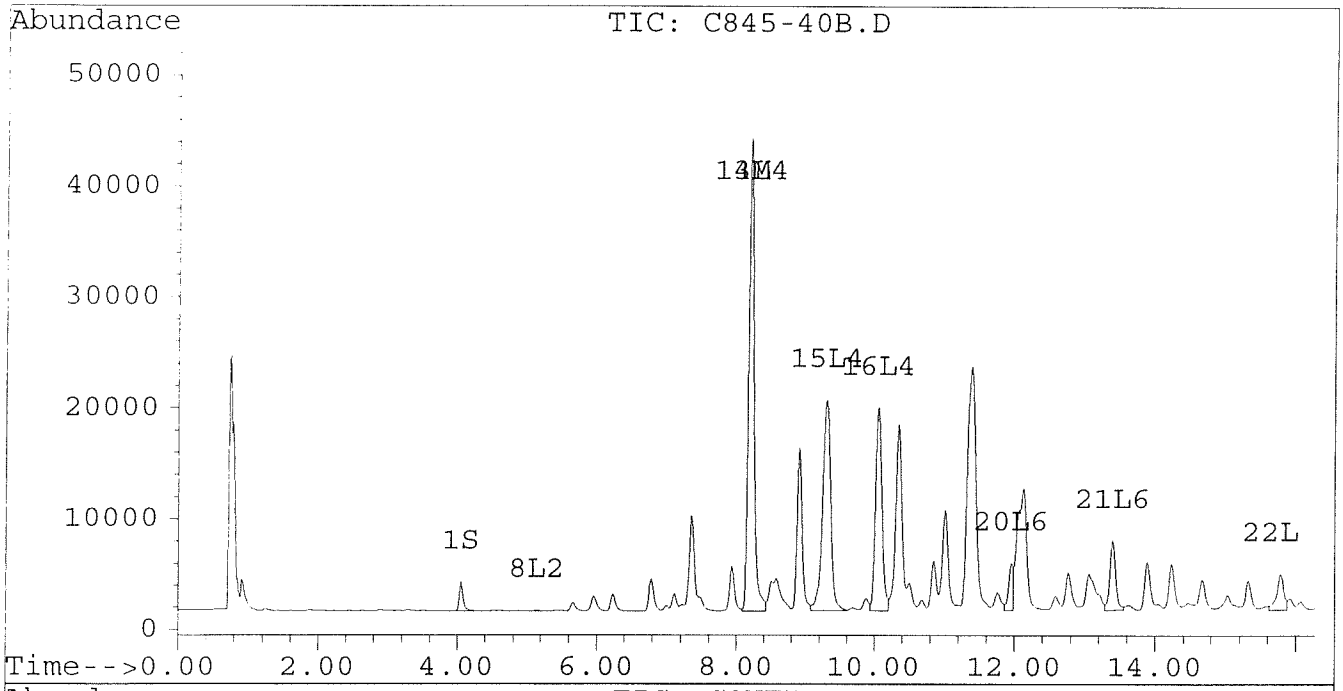
Quantitation Report

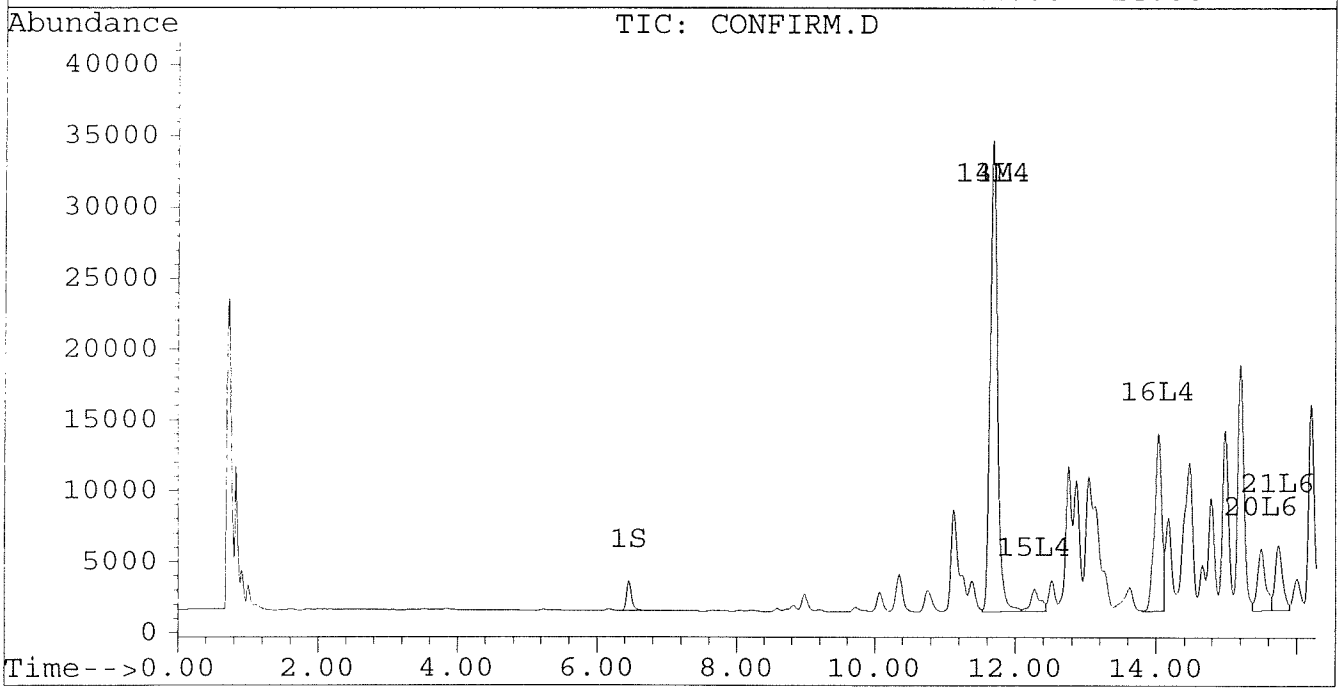
Signal #1 : D:\HPCHEM\5\SE3\C845-40B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-40B.D\CONFIRM.D
Acq On : 04 Sep 96 11:56 AM
Sample : VHB/ PX6 1:3 DILUTION
Misc : 30.1G/10ML 91% SOLID
Quant Time: Sep 4 12:29 1996

Vial: 35
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





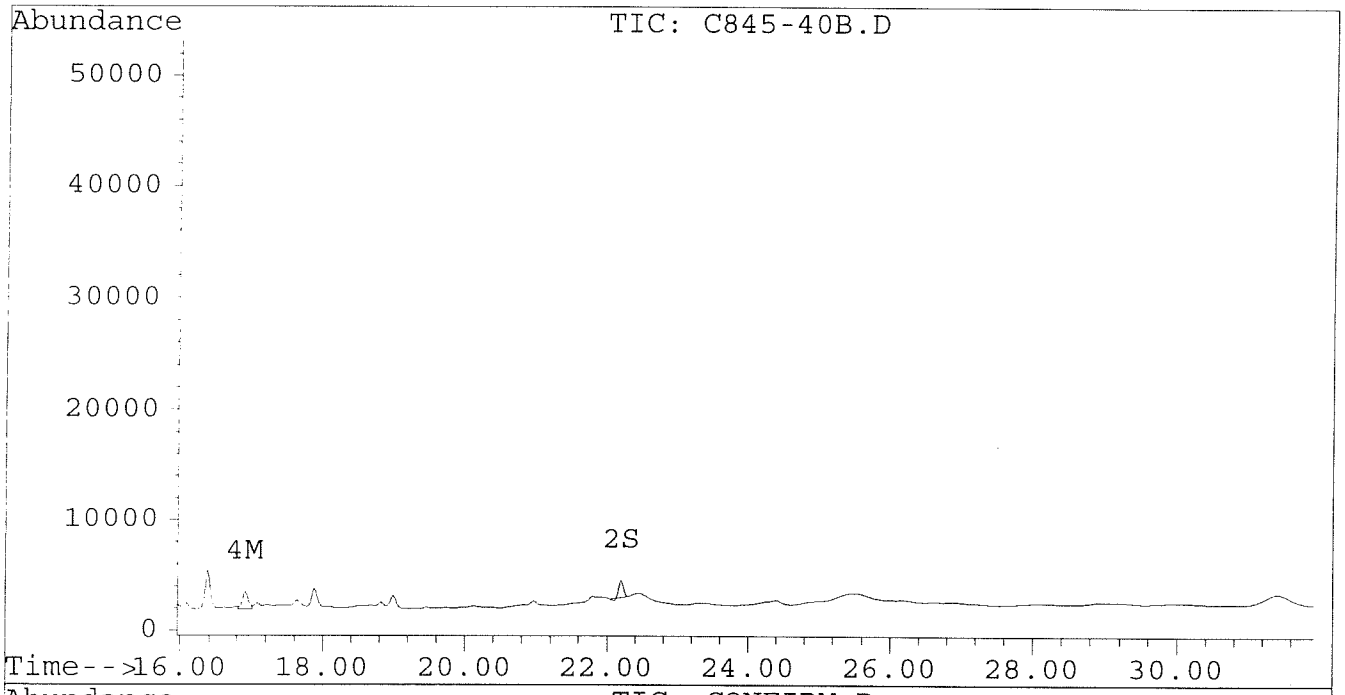
Quantitation Report

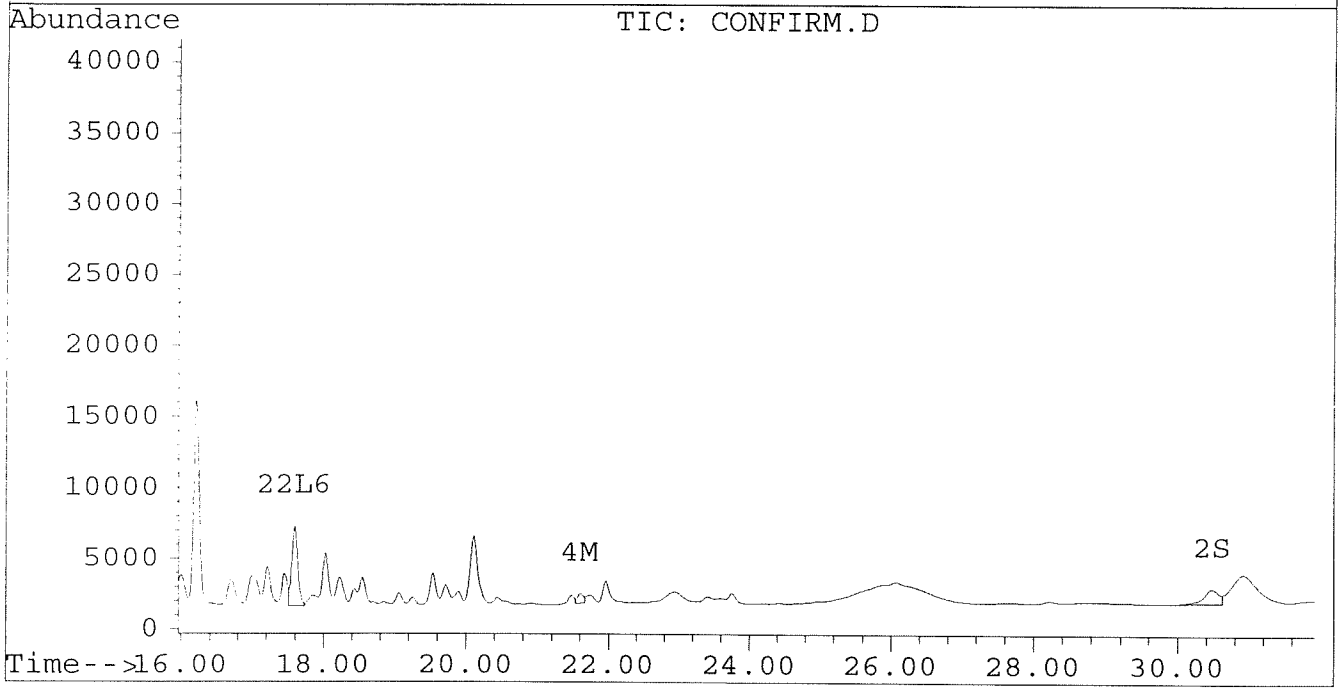
Signal #1 : D:\HPCHEM\5\SE3\C845-40B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-40B.D\CONFIRM.D
Acq On : 04 Sep 96 11:56 AM
Sample : VHB/ PX6 1:3 DILUTION
Misc : 30.1G/10ML 91% SOLID
Quant Time: Sep 4 12:29 1996

Vial: 35
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0823-B1.D Vial: 7
Signal #2 : D:\HPCHEM\5\AU26A\P0823-B1.D\CONFIRM.D
Acq On : 26 Aug 96 09:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 22:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.11	6.53	8286	6743	0.035	0.035
				Recovery	=	87.50%	87.50%
2)	S Decachlorobiphenyl	22.30	30.71	6514	2275	0.031	0.026
				Recovery	=	77.50%	65.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4)	M 2,2',3,3',4,4'-Hexa	17.00	0.00	671	0	0.004	N.D. #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14)	L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15)	L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	15.33	0	30	N.D.	0.001 #
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	30	N.D.	0.001
	Average Aroclor-1248					0.000	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0823-B1.D Vial: 7
Signal #2 : D:\HPCHEM\5\AU26A\P0823-B1.D\CONFIRM.D
Acq On : 26 Aug 96 09:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 22:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	15.83f	0.00	406	0	0.013	N.D. #
Total Aroclor-1254			406	0	0.013	N.D.
Average Aroclor-1254					0.013	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

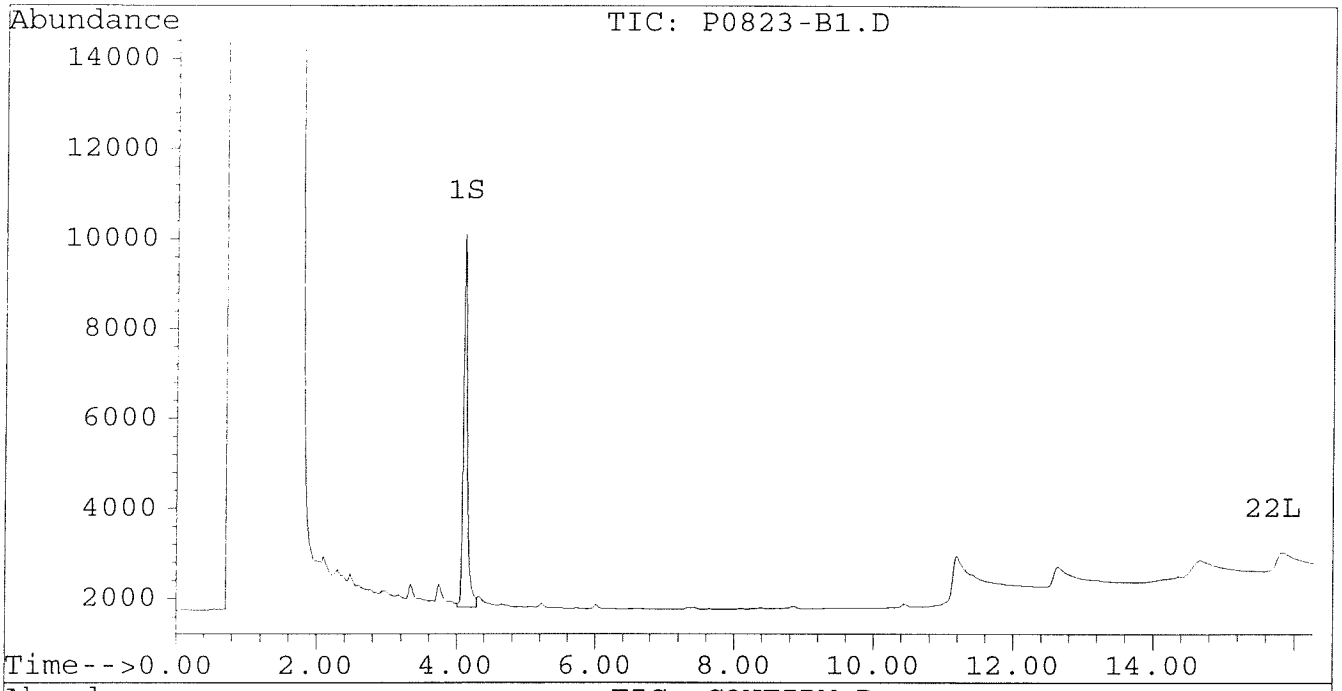
0462

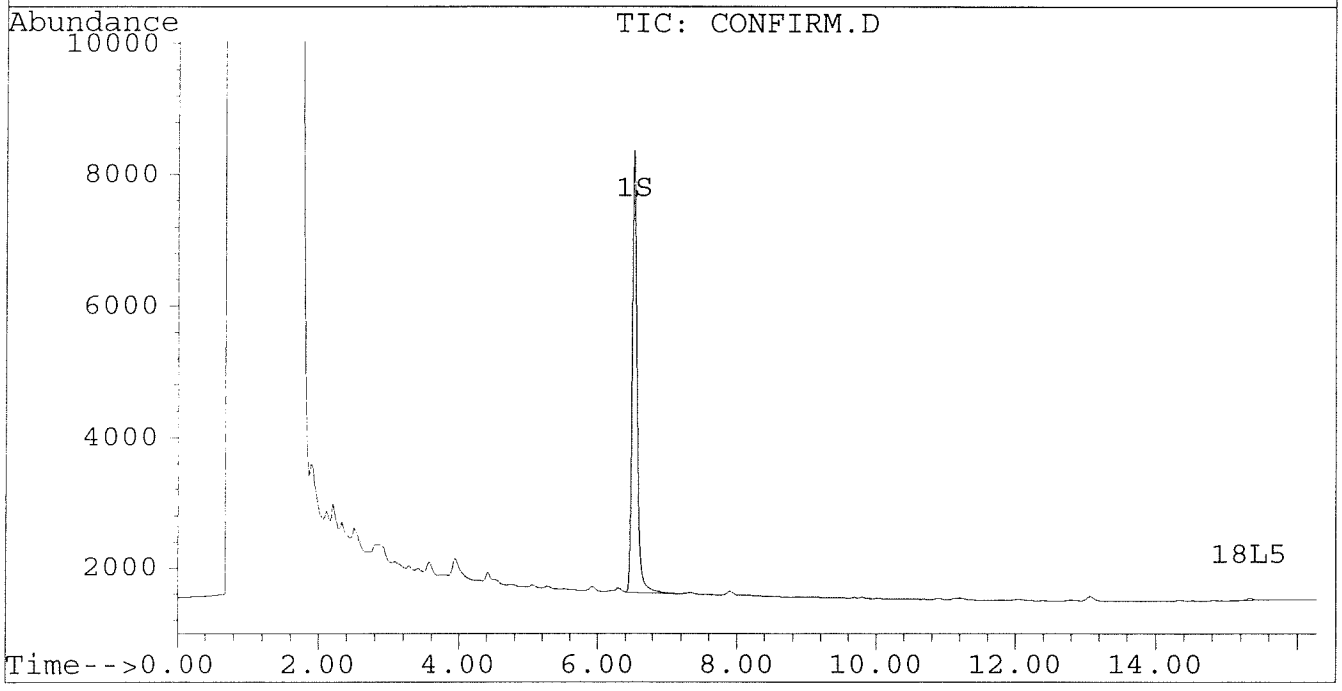
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0823-B1.D Vial: 7
Signal #2 : D:\HPCHEM\5\AU26A\P0823-B1.D\CONFIRM.D
Acq On : 26 Aug 96 09:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 22:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





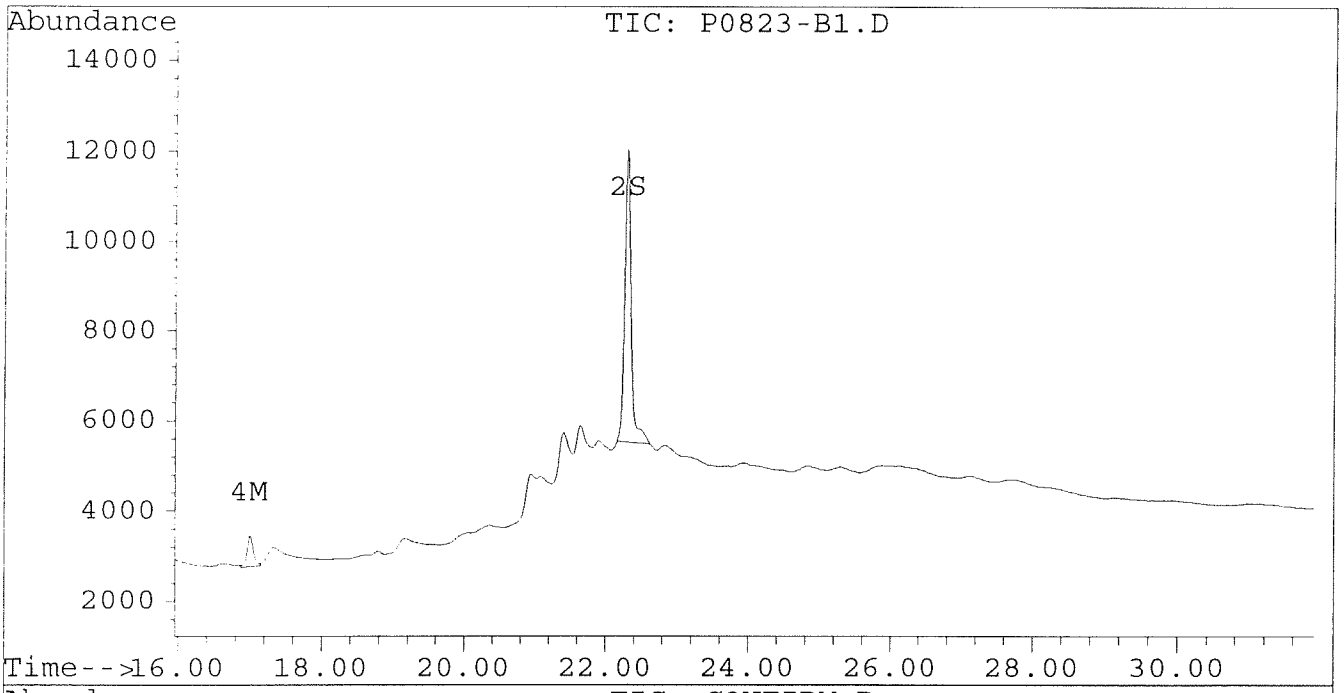
0463

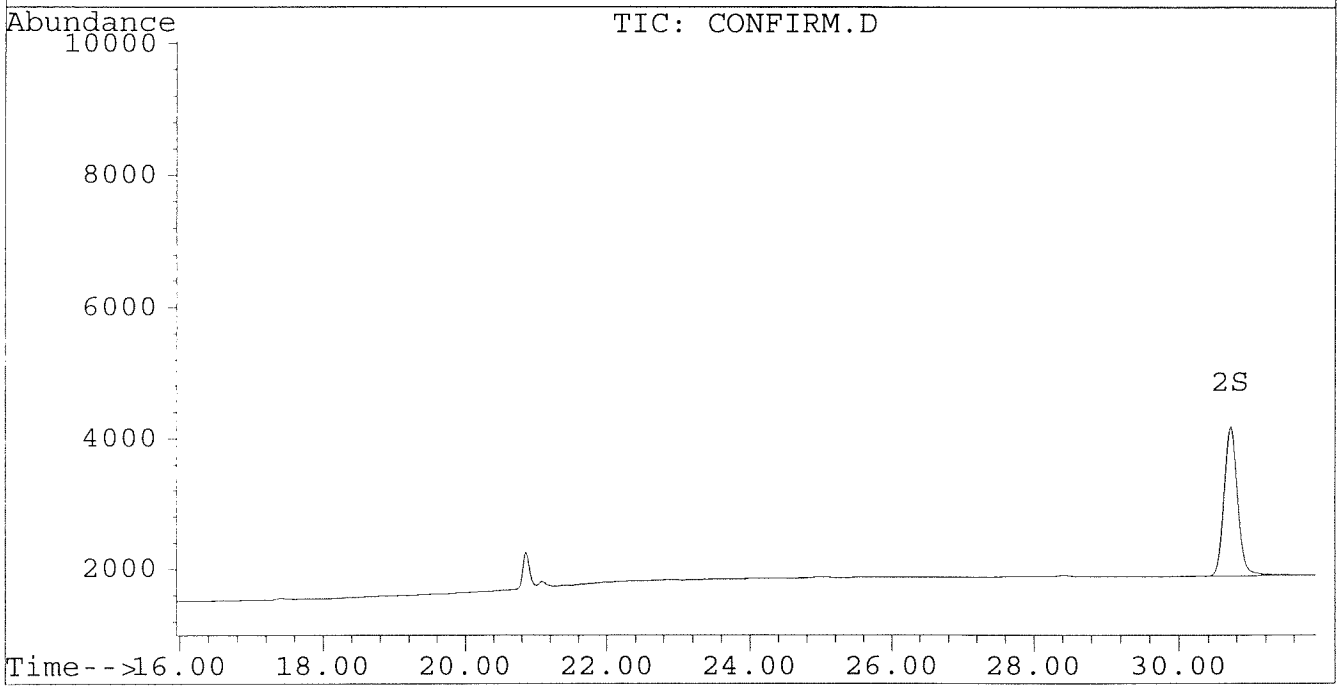
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0823-B1.D Vial: 7
Signal #2 : D:\HPCHEM\5\AU26A\P0823-B1.D\CONFIRM.D
Acq On : 26 Aug 96 09:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 22:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0823-L2.D Vial: 9
Signal #2 : D:\HPCHEM\5\AU26A\P0823-L2.D\CONFIRM.D
Acq On : 26 Aug 96 10:40 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 23:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.11	6.53	9069	7485	0.038	0.039
					Recovery	=	95.00%	97.50%
2)	S	Decachlorobiphenyl	22.30	30.72	6758	2536	0.032	0.029
					Recovery	=	80.00%	72.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.27	11.79	85952	78962	0.785	0.824
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	140301	126942	0.751	0.809
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	9.38	0.00	39	0	0.002	N.D. #
	Total	Aroclor-1016			39	0	0.002	N.D.
	Average	Aroclor-1016					0.002	0.000
8)	L2	Aroclor-1221	5.11	8.11	164	128	0.023	0.021
9)	L2	Aroclor-1221 {2}	0.00	8.68	0	29	N.D.	0.006 #
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			164	157	0.023	0.027
	Average	Aroclor-1221					0.023	0.013
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1232			0	0	N.D.	N.D.
	Average	Aroclor-1232					0.000	0.000
14)	L4	Aroclor-1242	8.27	11.79	85952	78962	2.076	2.649 #
15)	L4	Aroclor-1242 {2}	9.38	0.00	39	0	0.002	N.D. #
16)	L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1242			85991	78962	2.078	2.649
	Average	Aroclor-1242					1.039	2.649
17)	L5	Aroclor-1248	9.38	0.00	39	0	0.001	N.D. #
18)	L5	Aroclor-1248 {2}	0.00	15.31	0	68	N.D.	0.003 #
19)	L5	Aroclor-1248 {3}	11.49f	16.31	142	22	0.004	0.001 #
	Total	Aroclor-1248			181	90	0.005	0.004
	Average	Aroclor-1248					0.003	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0465

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0823-L2.D Vial: 9
Signal #2 : D:\HPCHEM\5\AU26A\P0823-L2.D\CONFIRM.D
Acq On : 26 Aug 96 10:40 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 23:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	13.49	0.00	32	0	0.001	N.D. #
22) L6	Aroclor-1254 {3}	15.90	0.00	67	0	0.002	N.D. #
Total	Aroclor-1254			99	0	~~0.003~~	N.D.
Average	Aroclor-1254					0.001	0.000
23) L7	Aroclor-1260	13.97	0.00	467	0	0.013	N.D. #
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	17.97	0.00	45	0	0.001	N.D. #
Total	Aroclor-1260			512	0	~~0.014~~	N.D.
Average	Aroclor-1260					0.007	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

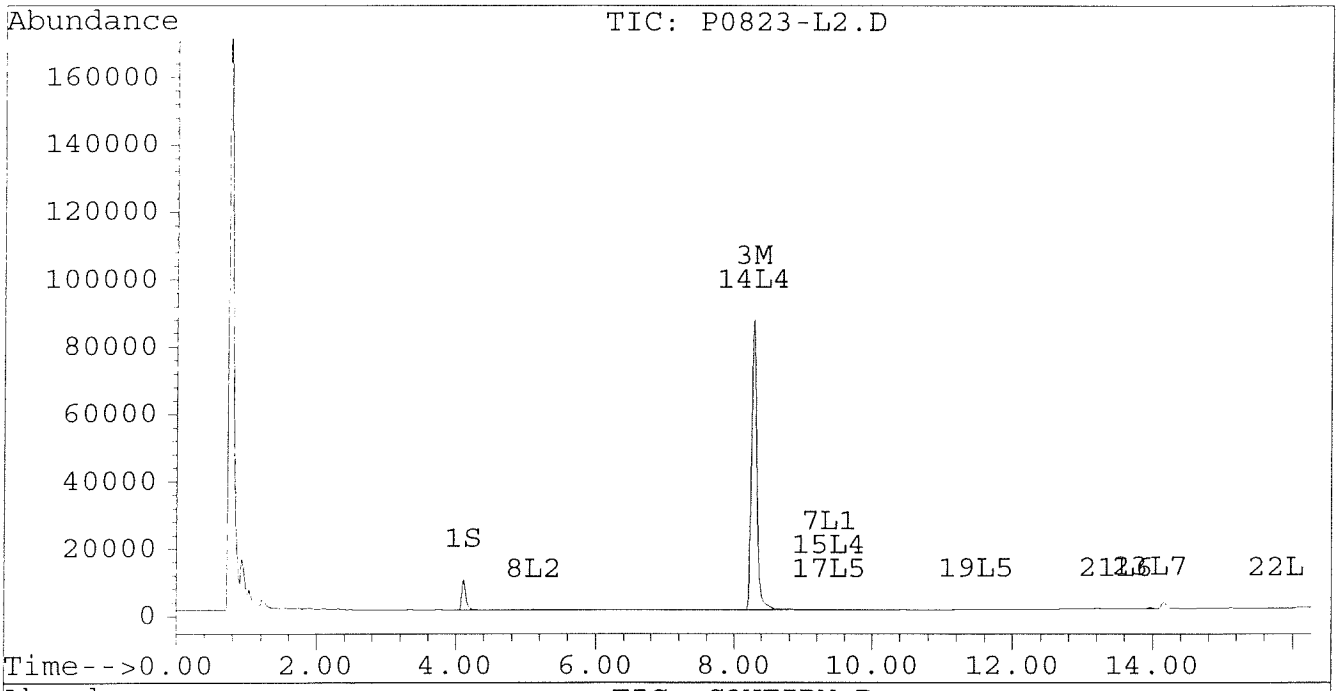
0466

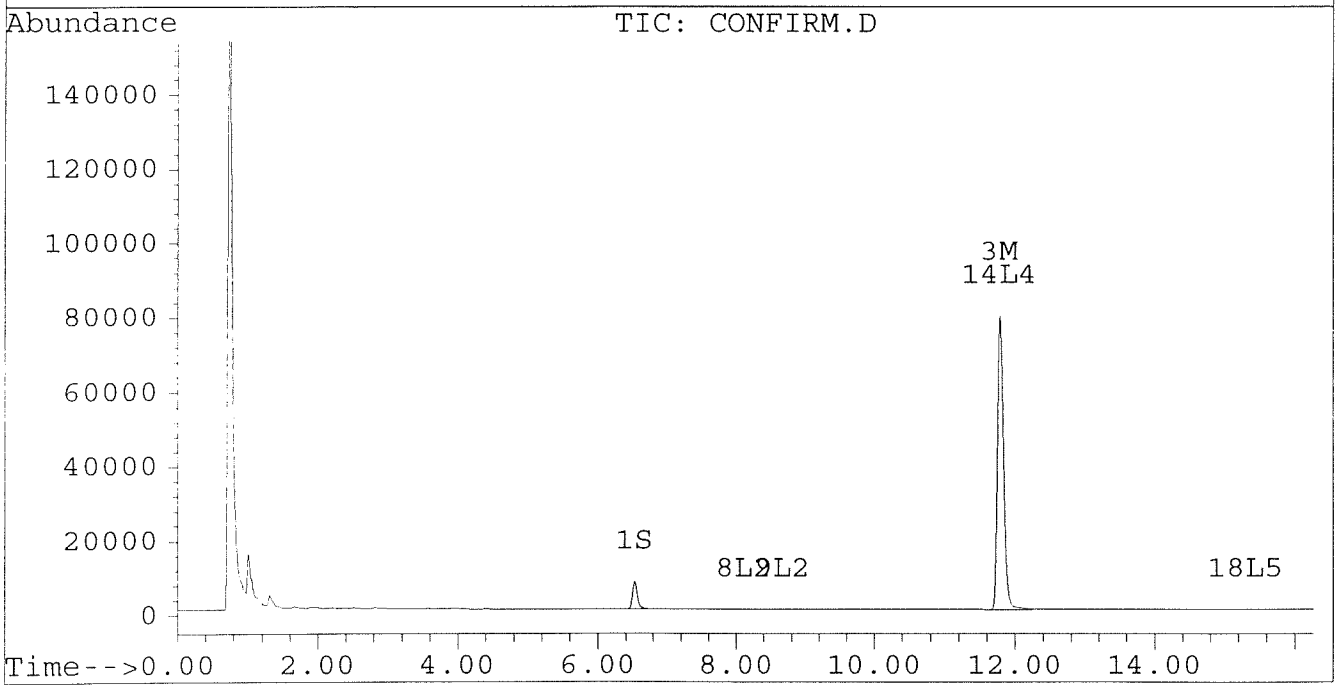
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\P0823-L2.D Vial: 9
Signal #2 : D:\HPCHEM\5\AU26A\P0823-L2.D\CONFIRM.D
Acq On : 26 Aug 96 10:40 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 26 23:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0467

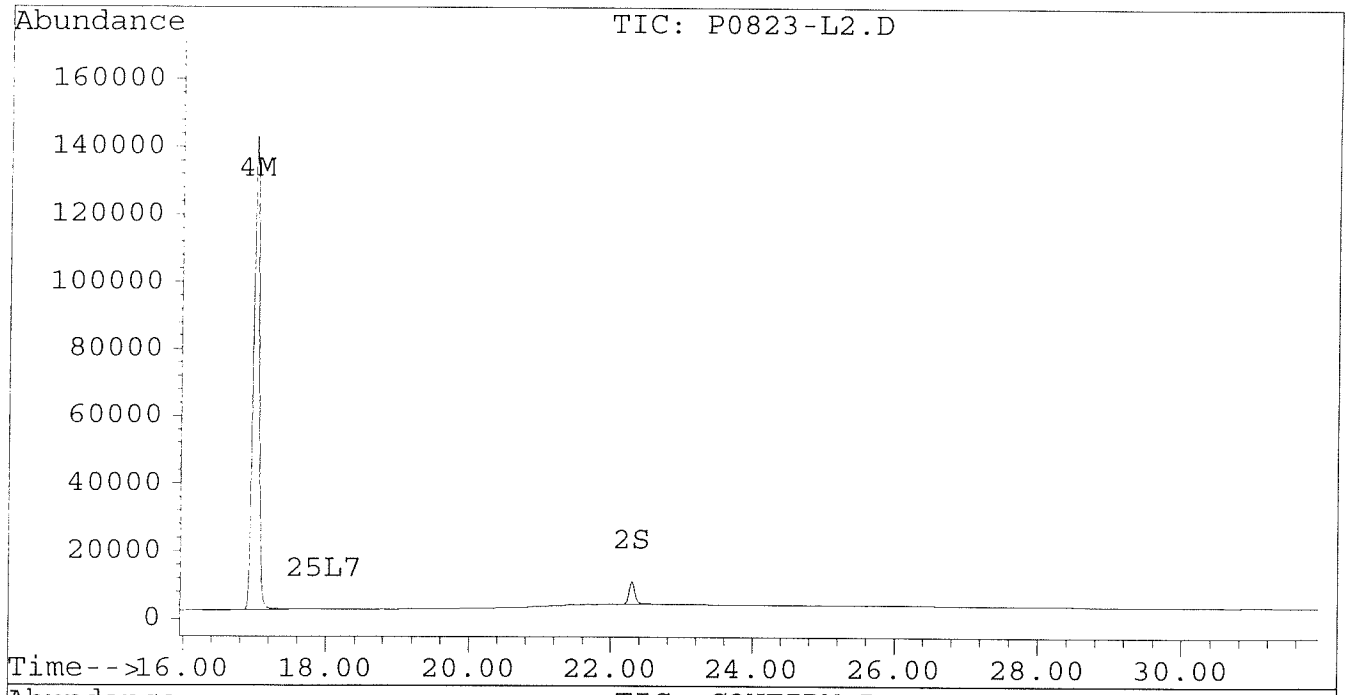
Quantitation Report

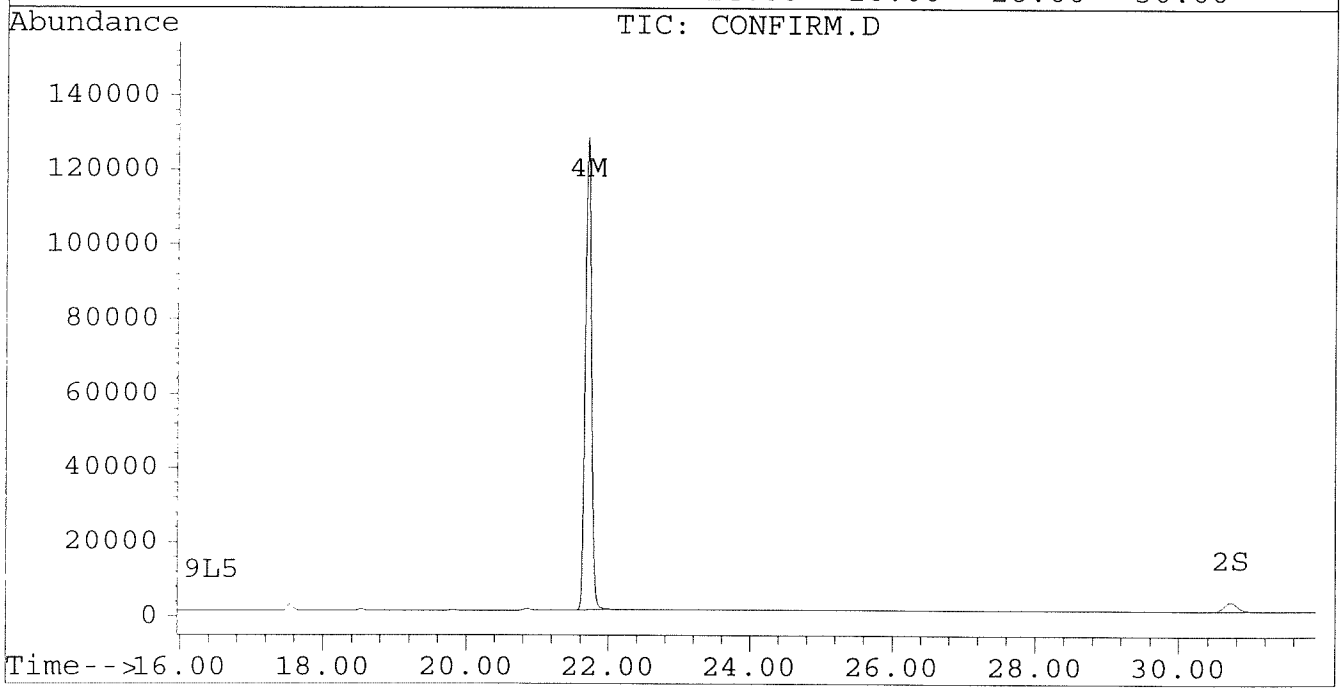
Signal #1 : D:\HPCHEM\5\AU26A\P0823-L2.D
Signal #2 : D:\HPCHEM\5\AU26A\P0823-L2.D\CONFIRM.D
Acq On : 26 Aug 96 10:40 PM
Sample : SOIL LAB CONTROL SAMPLE
Misc : 30.0G/10ML 100 % SOLID PCB ANALYSIS
Quant Time: Aug 26 23:13 1996

Vial: 9
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0468

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22M.D Vial: 14
Signal #2 : D:\HPCHEM\5\AU26A\C845-22M.D\CONFIRM.D
Acq On : 27 Aug 96 01:38 AM Operator: JS
Sample : VHB/ PM5 MS Inst : ECD1
Misc : 30.4G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	8584	6999	0.036	0.037	
					Recovery	=	90.00%	92.50%	
2)	S	Decachlorobiphenyl	22.30	30.72	6350	2165	0.030	0.024	
					Recovery	=	75.00%	60.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	151376	123802	1.382	1.293	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	147258	130389	0.788	0.831	
5)	L1	Aroclor-1016	6.85	8.90	13595	2614	0.425	0.194	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	24536	12081	1.399	0.433	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	40783	9566	1.573	0.554	#
	Total	Aroclor-1016			78914	24261	3.396	1.181	
	Average	Aroclor-1016					1.132	0.394	
8)	L2	Aroclor-1221	5.13	8.12	437	1466	0.062	0.240	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	784	1637	0.134	0.336	#
10)	L2	Aroclor-1221 {3}	5.73	8.90	5690	2614	0.282	0.170	#
	Total	Aroclor-1221			6910	5718	0.478	0.746	
	Average	Aroclor-1221					0.159	0.249	
11)	L3	Aroclor-1232	5.73	8.90	5690	2614	0.312	0.182	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	13595	12081	0.996	1.006	
13)	L3	Aroclor-1232 {3}	8.66	12.36	10737	9566	1.297	1.380	
	Total	Aroclor-1232			30021	24261	2.605	2.568	
	Average	Aroclor-1232					0.868	0.856	
14)	L4	Aroclor-1242	8.27	11.78	151376	123802	3.656	4.154	
15)	L4	Aroclor-1242 {2}	9.38	12.36	40783	9566	2.096	0.724	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	38470	30057	2.277	2.259	
	Total	Aroclor-1242			230630	163425	8.029	7.137	
	Average	Aroclor-1242					2.676	2.379	
17)	L5	Aroclor-1248	9.38	15.08	40783	29318	1.281	1.301	
18)	L5	Aroclor-1248 {2}	10.13	15.30	38470	29709	1.404	1.273	
19)	L5	Aroclor-1248 {3}	11.43	16.31	50857	20879	1.462	1.169	
	Total	Aroclor-1248			130110	79906	4.148	3.743	
	Average	Aroclor-1248					1.383	1.248	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22M.D Vial: 14
Signal #2 : D:\HPCHEM\5\AU26A\C845-22M.D\CONFIRM.D
Acq On : 27 Aug 96 01:38 AM Operator: JS
Sample : VHB/ PM5 MS Inst : ECD1
Misc : 30.4G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	32825	27789	1.051	1.029
21) L6 Aroclor-1254 {2}	13.48	15.83	52848	32113	1.224	1.104
22) L6 Aroclor-1254 {3}	15.87	17.69	45101	47281	1.404	1.187
Total Aroclor-1254			130775	107183	3.679	3.319
Average Aroclor-1254					1.226	1.106
23) L7 Aroclor-1260	13.98	18.33	26047	17327	0.751	0.542 #
24) L7 Aroclor-1260 {2}	14.76	18.64	24211	22041	0.595	0.613
25) L7 Aroclor-1260 {3}	17.97	22.06	12380	7609	0.214	0.142 #
Total Aroclor-1260			62638	46977	1.560	1.297
Average Aroclor-1260					0.520	0.432
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	21.86f	0.00	2906	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

2,4,4' Trichlorobiphenyl

$$\frac{1.382 - 1.201}{1.382} \times 100 = 14\%$$

2,2',3,3',4,4' Hexachlorobiphenyl

$$\frac{0.784 - 0.094}{0.694} \times 100 = 69\%$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

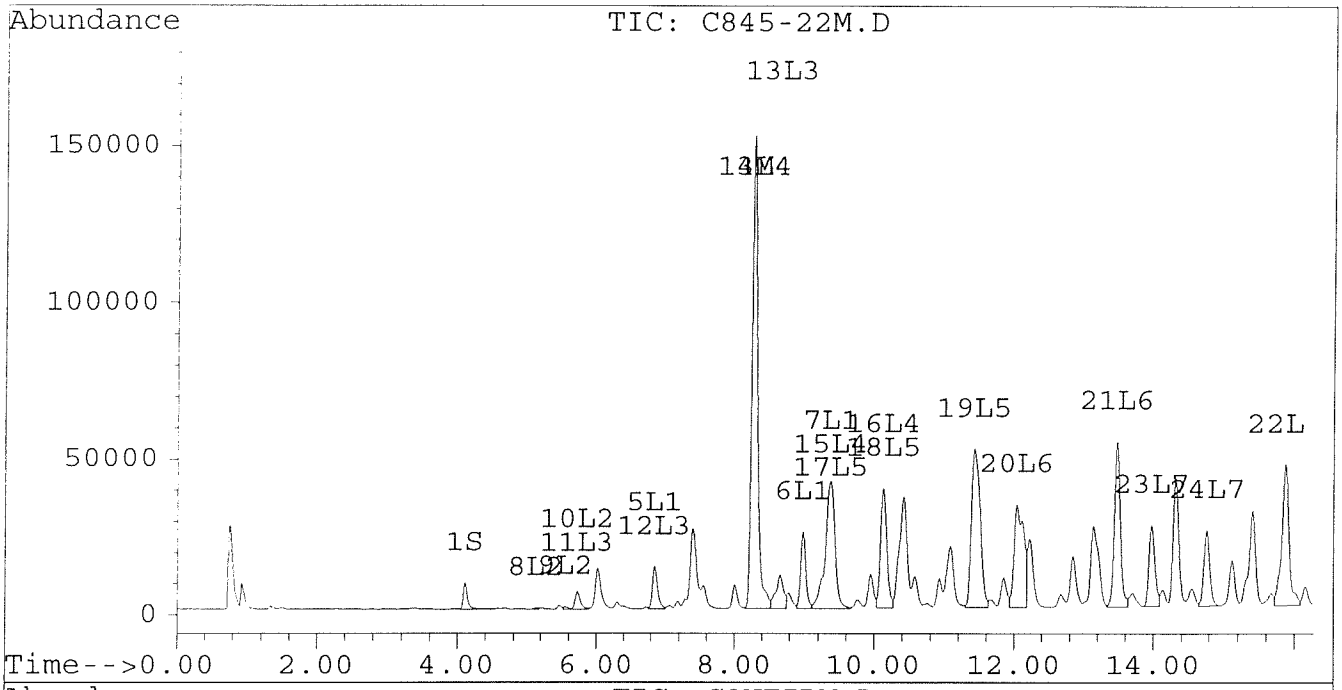
0470

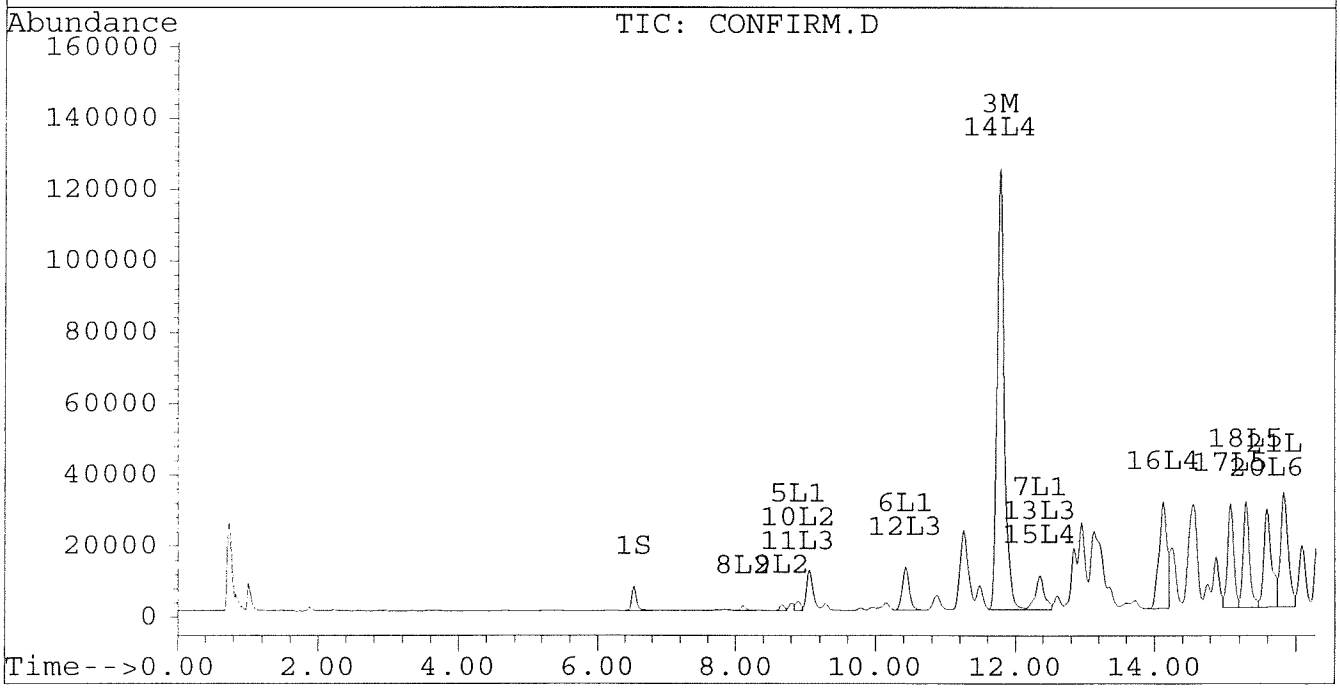
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22M.D Vial: 14
Signal #2 : D:\HPCHEM\5\AU26A\C845-22M.D\CONFIRM.D
Acq On : 27 Aug 96 01:38 AM Operator: JS
Sample : VHB/ PM5 MS 93 Inst : ECD1
Misc : 30.4G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 2:11 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





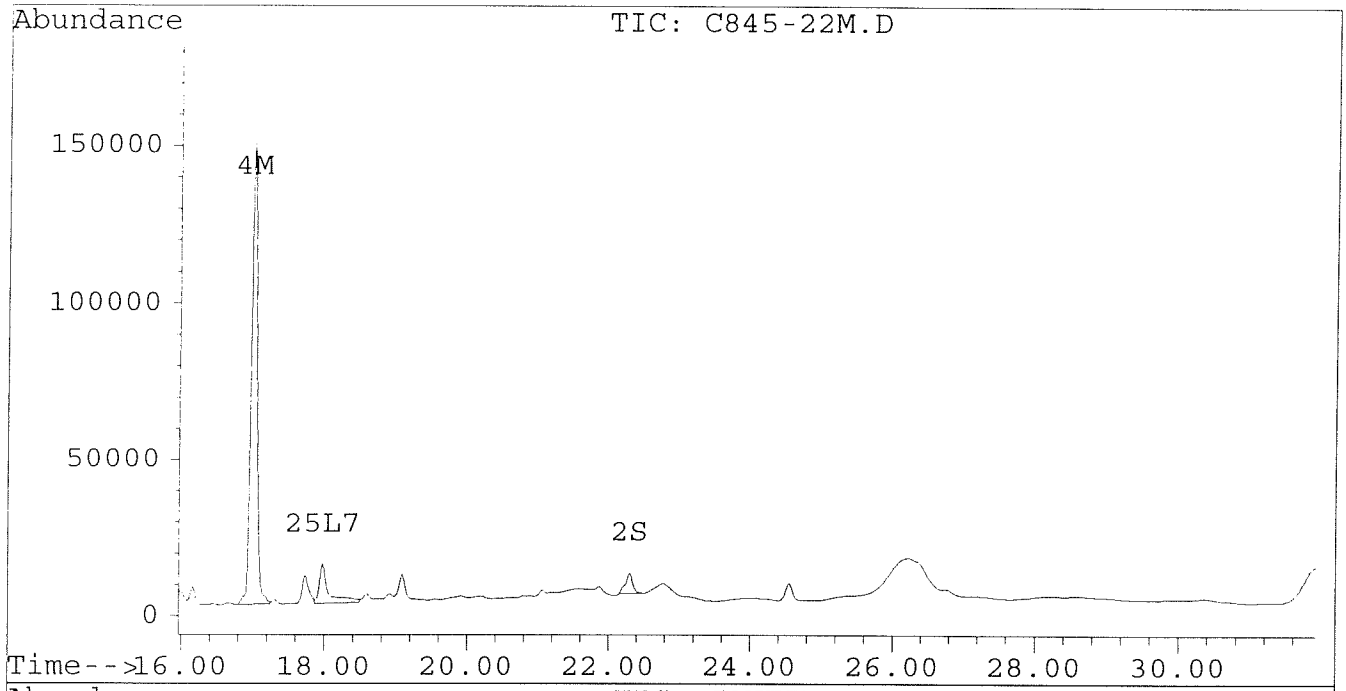
Quantitation Report

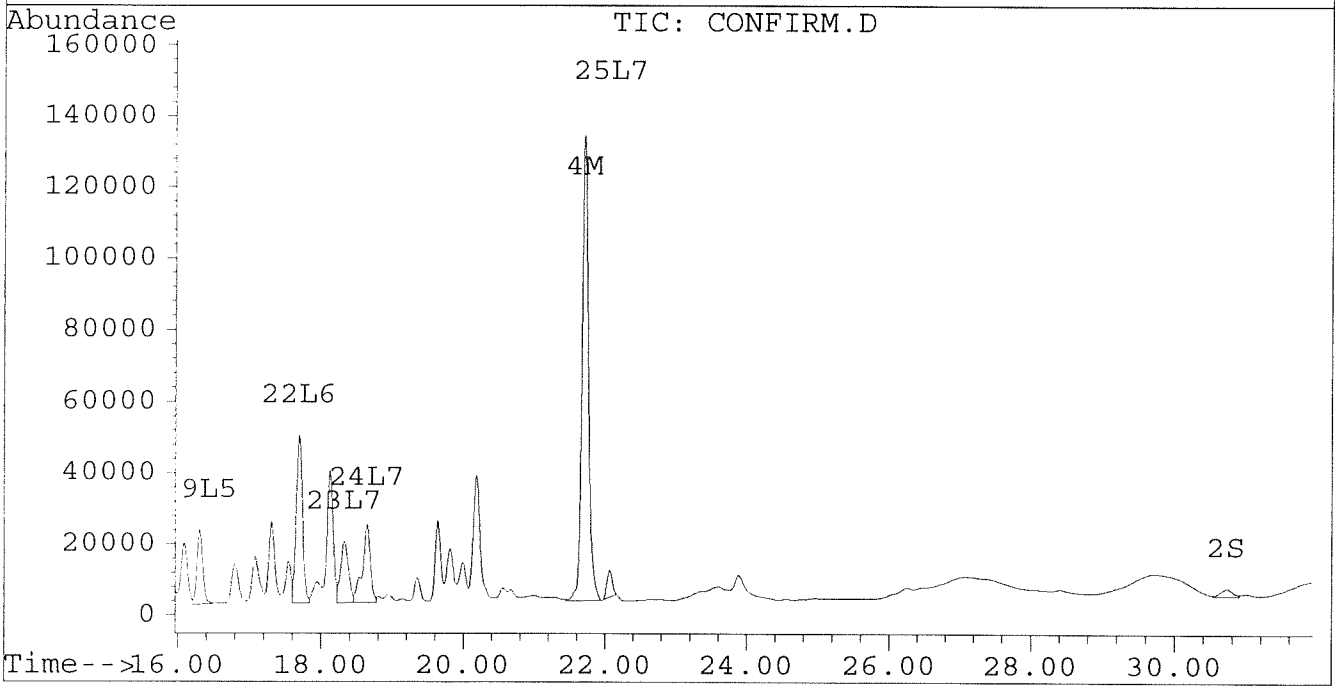
Signal #1 : D:\HPCHEM\5\AU26A\C845-22M.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-22M.D\CONFIRM.D
Acq On : 27 Aug 96 01:38 AM
Sample : VHB/ PM5 MS
Misc : 30.4G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 27 2:11 1996

Vial: 14
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0472

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22MA.D Vial: 79
Signal #2 : D:\HPCHEM\5\AU26A\845-22MA.D\CONFIRM.D
Acq On : 28 Aug 96 04:26 PM Operator: JS
Sample : VHB/ PM5 MS 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 17:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	2309	1953	0.010	0.010	
				Recovery	=	25.00%	25.00%	
2)	S Decachlorobiphenyl	22.30	30.72	1716	692	0.008	0.008	
				Recovery	=	20.00%	20.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.28	11.78	52223	43322	0.477	0.452	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.70	49178	41624	0.263	0.265	
5)	L1 Aroclor-1016	6.86	8.90	4665	921	0.146	0.068	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	7753	4371	0.442	0.157	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	14931	3320	0.576	0.192	#
	Total Aroclor-1016			27348	8611	1.164	0.417	
	Average Aroclor-1016					0.388	0.139	
8)	L2 Aroclor-1221	5.14	8.12	149	458	0.021	0.075	#
9)	L2 Aroclor-1221 {2}	5.56	8.67	279	508	0.048	0.104	#
10)	L2 Aroclor-1221 {3}	5.74	8.90	1852	921	0.092	0.060	#
	Total Aroclor-1221			2281	1887	0.161	0.239	
	Average Aroclor-1221					0.054	0.080	
11)	L3 Aroclor-1232	5.74	8.90	1852	921	0.102	0.064	#
12)	L3 Aroclor-1232 {2}	6.86	10.43	4665	4371	0.342	0.364	
13)	L3 Aroclor-1232 {3}	8.67	12.36	3606	3320	0.436	0.479	
	Total Aroclor-1232			10123	8611	0.879	0.907	
	Average Aroclor-1232					0.293	0.302	
14)	L4 Aroclor-1242	8.28	11.78	52223	43322	1.261	1.454	
15)	L4 Aroclor-1242 {2}	9.38	12.36	14931	3320	0.767	0.251	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	13178	10334	0.780	0.777	
	Total Aroclor-1242			80332	56975	2.809	2.481	
	Average Aroclor-1242					0.936	0.827	
17)	L5 Aroclor-1248	9.38	15.08	14931	9558	0.469	0.424	
18)	L5 Aroclor-1248 {2}	10.13	15.30	13178	9545	0.481	0.409	
19)	L5 Aroclor-1248 {3}	11.44	16.31	17679	6000	0.508	0.336	#
	Total Aroclor-1248			45788	25103	1.458	1.169	
	Average Aroclor-1248					0.486	0.390	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22MA.D
Signal #2 : D:\HPCHEM\5\AU26A\845-22MA.D\CONFIRM.D
Acq On : 28 Aug 96 04:26 PM
Sample : VHB/ PM5 MS 1:3 DILUTION
Misc : 30.4G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 28 17:00 1996

Vial: 79
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.05	15.59	11481	9572	0.368	0.354
21) L6 Aroclor-1254 {2}	13.49	15.83	17392	11034	0.403	0.379
22) L6 Aroclor-1254 {3}	15.88	17.69	14181	15678	0.442	0.394
Total Aroclor-1254			43054	36284	1.212	1.127
Average Aroclor-1254					0.404	0.376
23) L7 Aroclor-1260	13.98	18.33	8611	5880	0.248	0.184 #
24) L7 Aroclor-1260 {2}	14.77	18.64	8055	7226	0.198	0.201
25) L7 Aroclor-1260 {3}	17.97	22.06	3466	2149	0.060	0.040 #
Total Aroclor-1260			20132	15255	0.506	0.425
Average Aroclor-1260					0.169	0.142
26) L8 Aroclor-1268	0.00	23.32	0	530	N.D.	0.123 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.10	0	209	N.D.	NoCal
Total Aroclor-1268			0	530	N.D.	0.123
Average Aroclor-1268					0.000	0.123

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

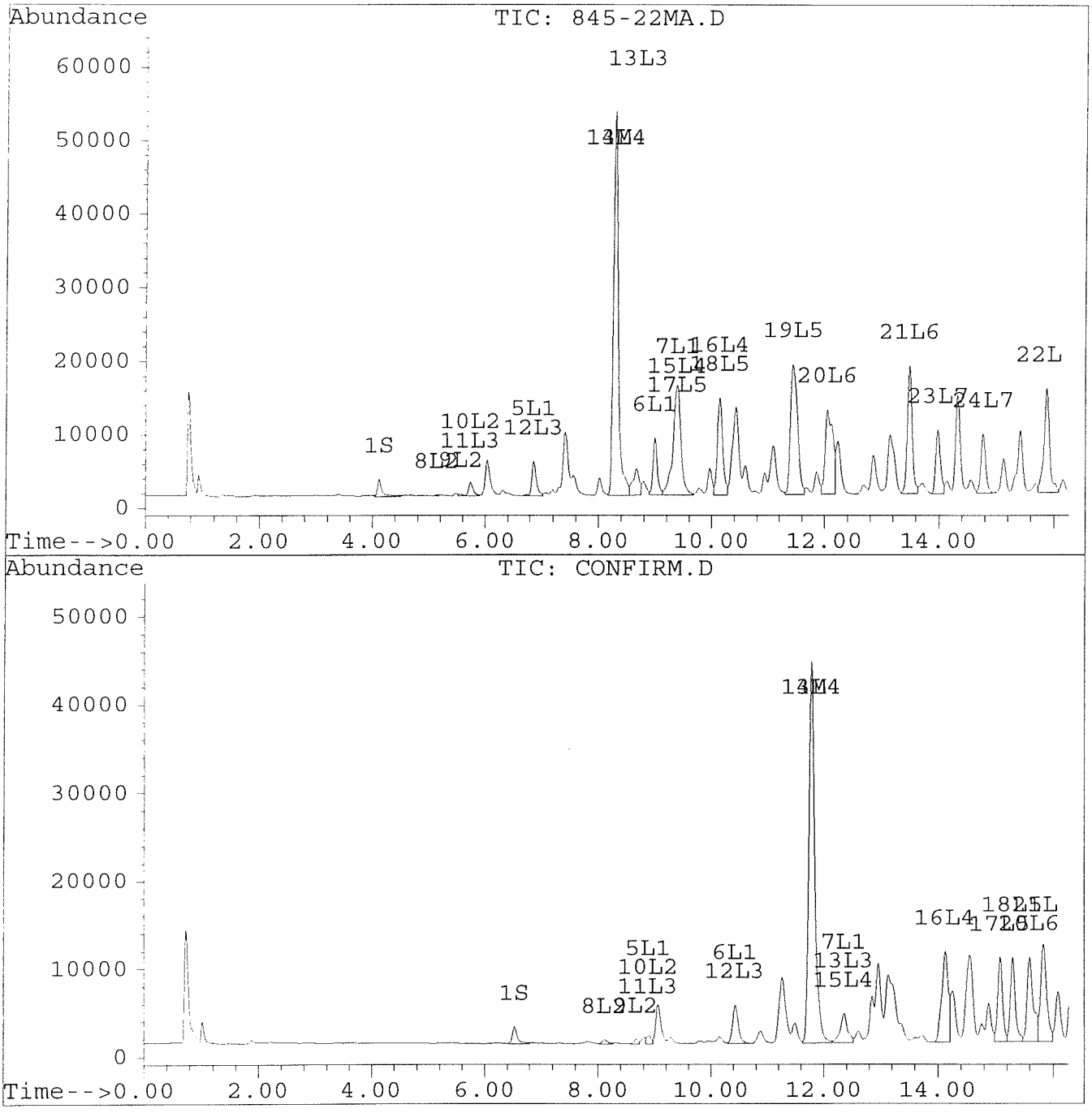
0174

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22MA.D Vial: 79
Signal #2 : D:\HPCHEM\5\AU26A\845-22MA.D\CONFIRM.D
Acq On : 28 Aug 96 04:26 PM Operator: JS
Sample : VHB/ PM5 MS 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 17:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



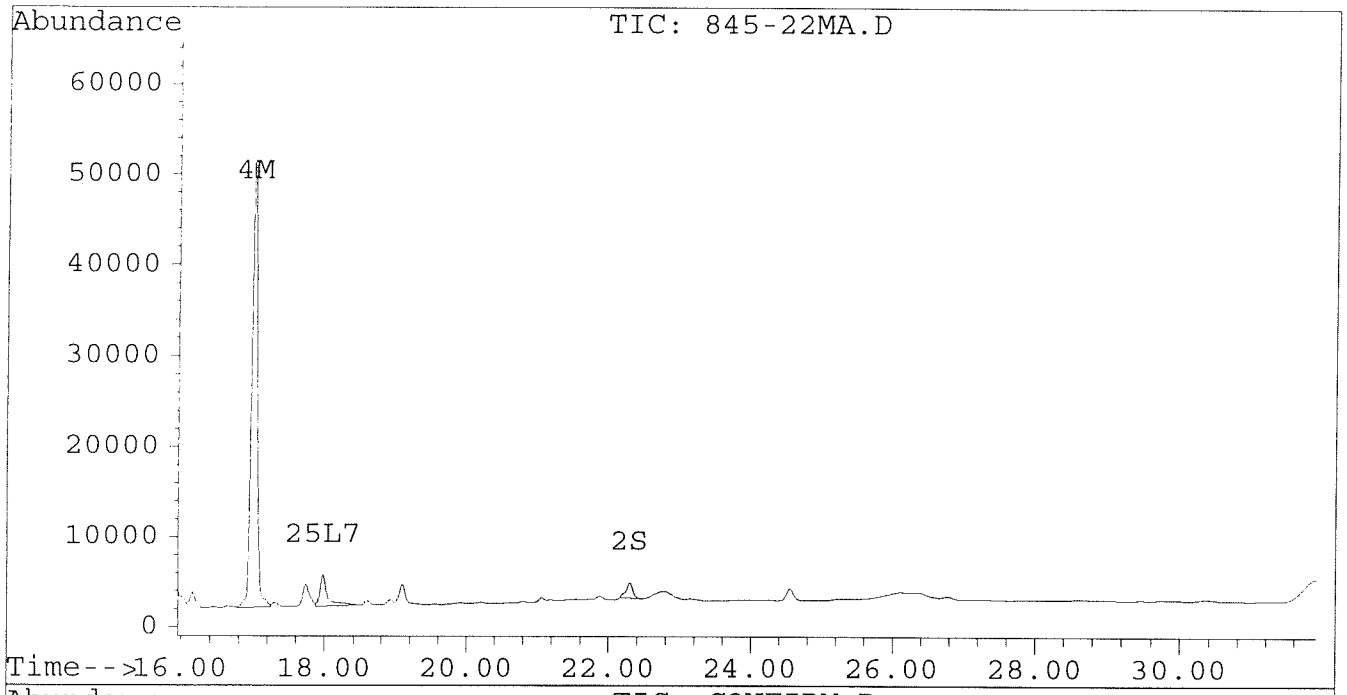
0475

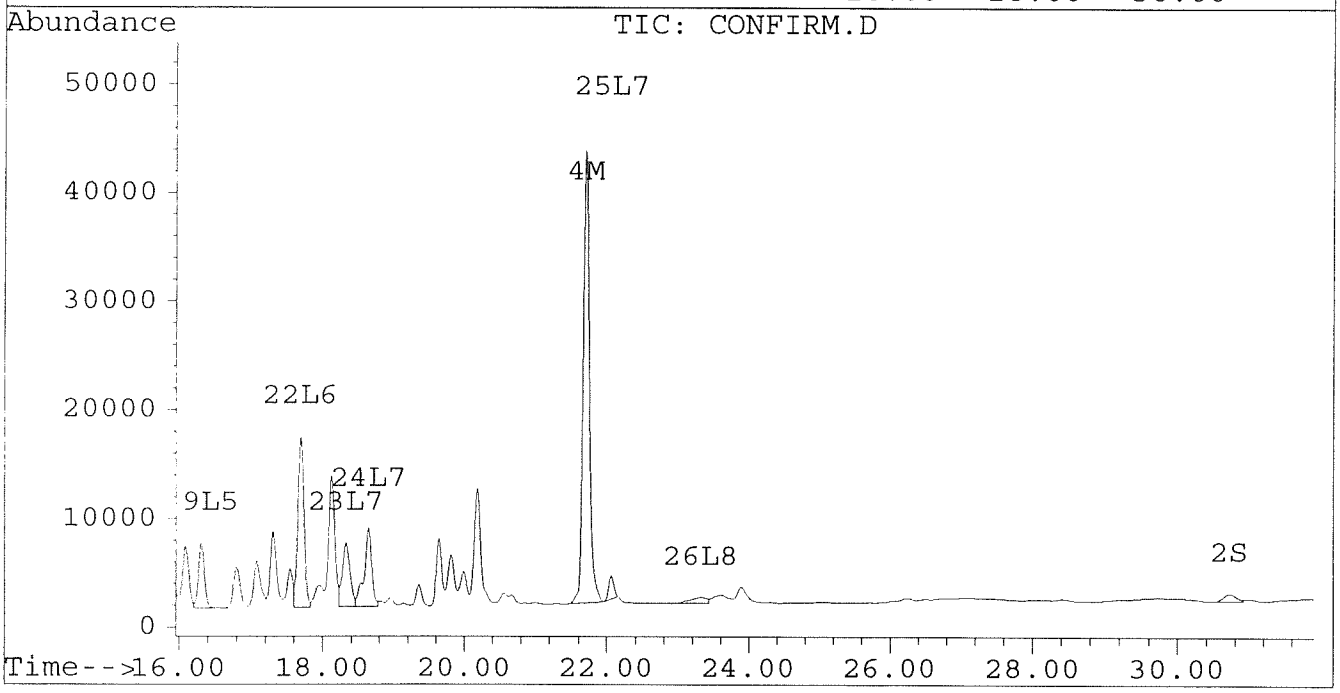
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22MA.D Vial: 79
Signal #2 : D:\HPCHEM\5\AU26A\845-22MA.D\CONFIRM.D
Acq On : 28 Aug 96 04:26 PM Operator: JS
Sample : VHB/ PM5 MS 1:3 DILUTION Inst : ECD1
Misc : 30.4G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 17:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0478

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22D.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-22D.D\CONFIRM.D
Acq On : 27 Aug 96 02:13 AM
Sample : VHB/ PM5 MSD
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 27 2:47 1996

Vial: 15
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.11	6.53	8262	6652	0.035	0.035
			Recovery	=	87.50%	87.50%
2) S Decachlorobiphenyl	22.30	30.73	5560	1943	0.026	0.022
			Recovery	=	65.00%	55.00%
Target Compounds					1.276-1.201 = 7.5%	c 711-
3) M 2,4,4'-Trichlorobip	8.27	11.78	139761	113066	1.276	1.180
4) M 2,2',3,3',4,4'-Hexa	16.99	21.70	132924	116879	0.711	0.745
5) L1 Aroclor-1016	6.85	8.90	13909	2857	0.434	0.212
6) L1 Aroclor-1016 {2}	8.99	10.43	22045	12074	1.257	0.432
7) L1 Aroclor-1016 {3}	9.38	12.36	35369	8940	1.364	0.518
Total Aroclor-1016			71323	23871	3.055	1.163
Average Aroclor-1016					1.018	0.388
8) L2 Aroclor-1221	5.13	8.11	489	1459	0.070	0.239
9) L2 Aroclor-1221 {2}	5.55	8.67	897	1685	0.154	0.345
10) L2 Aroclor-1221 {3}	5.73	8.90	5701	2857	0.282	0.186
Total Aroclor-1221			7087	6001	0.506	0.770
Average Aroclor-1221					0.169	0.257
11) L3 Aroclor-1232	5.73	8.90	5701	2857	0.313	0.199
12) L3 Aroclor-1232 {2}	6.85	10.43	13909	12074	1.019	1.005
13) L3 Aroclor-1232 {3}	8.66	12.36	10237	8940	1.237	1.289
Total Aroclor-1232			29847	23871	2.568	2.494
Average Aroclor-1232					0.856	0.831
14) L4 Aroclor-1242	8.27	11.78	139761	113066	3.375	3.794
15) L4 Aroclor-1242 {2}	9.38	12.36	35369	8940	1.818	0.676
16) L4 Aroclor-1242 {3}	10.13	14.13	33843	26303	2.003	1.977
Total Aroclor-1242			208973	148308	7.196	6.447
Average Aroclor-1242					2.399	2.149
17) L5 Aroclor-1248	9.38	15.08	35369	24493	1.111	1.087
18) L5 Aroclor-1248 {2}	10.13	15.30	33843	25470	1.236	1.091
19) L5 Aroclor-1248 {3}	11.43	16.30	42559	17960	1.223	1.006
Total Aroclor-1248			111771	67923	3.570	3.184
Average Aroclor-1248					1.190	1.061

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22D.D Vial: 15
Signal #2 : D:\HPCHEM\5\AU26A\C845-22D.D\CONFIRM.D
Acq On : 27 Aug 96 02:13 AM Operator: JS
Sample : VHB/ PM5 MSD Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 2:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	25903	31640	0.829	1.171 #
21) L6 Aroclor-1254 {2}	13.48	15.83	41636	25998	0.964	0.894
22) L6 Aroclor-1254 {3}	15.87	17.69	33495	38110	1.043	0.957
Total Aroclor-1254			101034	95748	2.836	3.022
Average Aroclor-1254					0.945	1.007
23) L7 Aroclor-1260	13.98	18.32	20611	13425	0.594	0.420 #
24) L7 Aroclor-1260 {2}	14.76	18.64	17899	16399	0.440	0.456
25) L7 Aroclor-1260 {3}	17.97	22.06	8817	5275	0.153	0.099 #
Total Aroclor-1260			47327	35099	1.187	0.974
Average Aroclor-1260					0.396	0.325
26) L8 Aroclor-1268	0.00	23.35f	0	1867	N.D.	0.435 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1867	N.D.	0.435
Average Aroclor-1268					0.000	0.435

2,4,4'-Trichlorobiphenyl

1.276
-1.201
.075 x 100 = 8%
1.0

2,2',3,3',4,4'-Hexachlorobiphenyl

~~0.70~~ 0.711
-0.094
0.617 x 100 = 62%
1.0

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
C845-22D.D PCB1G.M Tue Aug 27 02:47:42 1996 HPPC Page 2

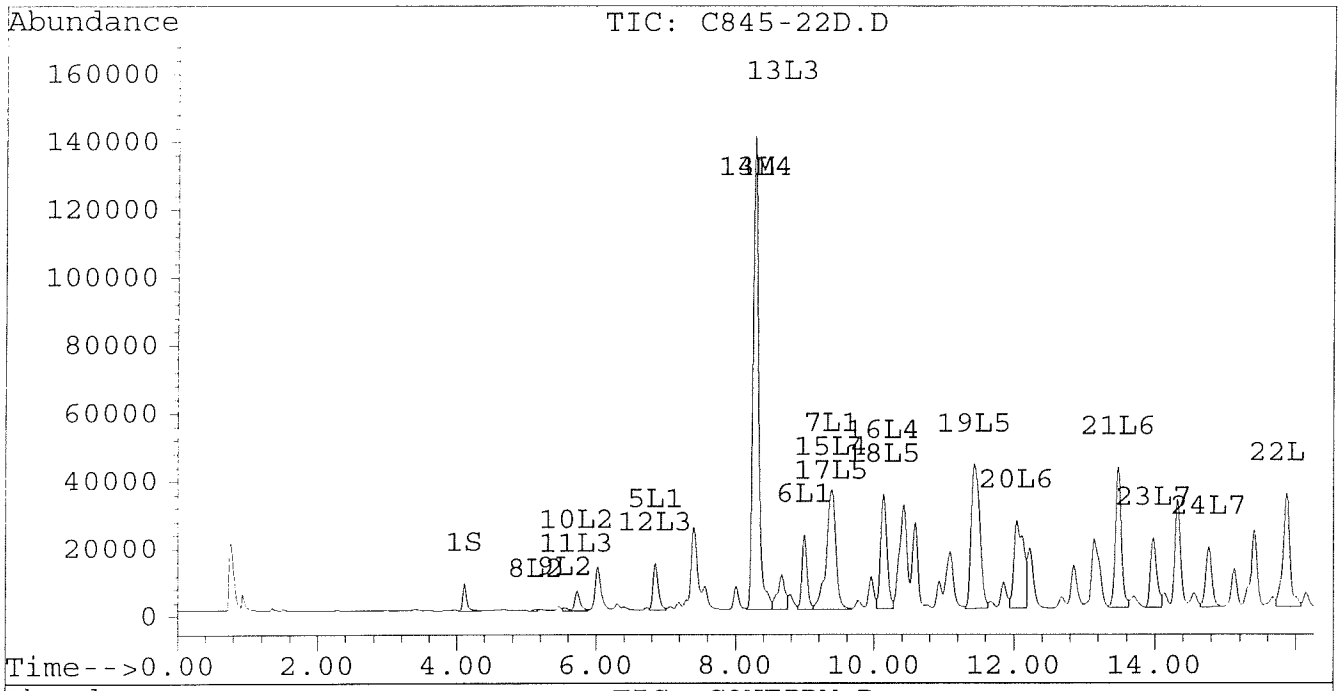
0478

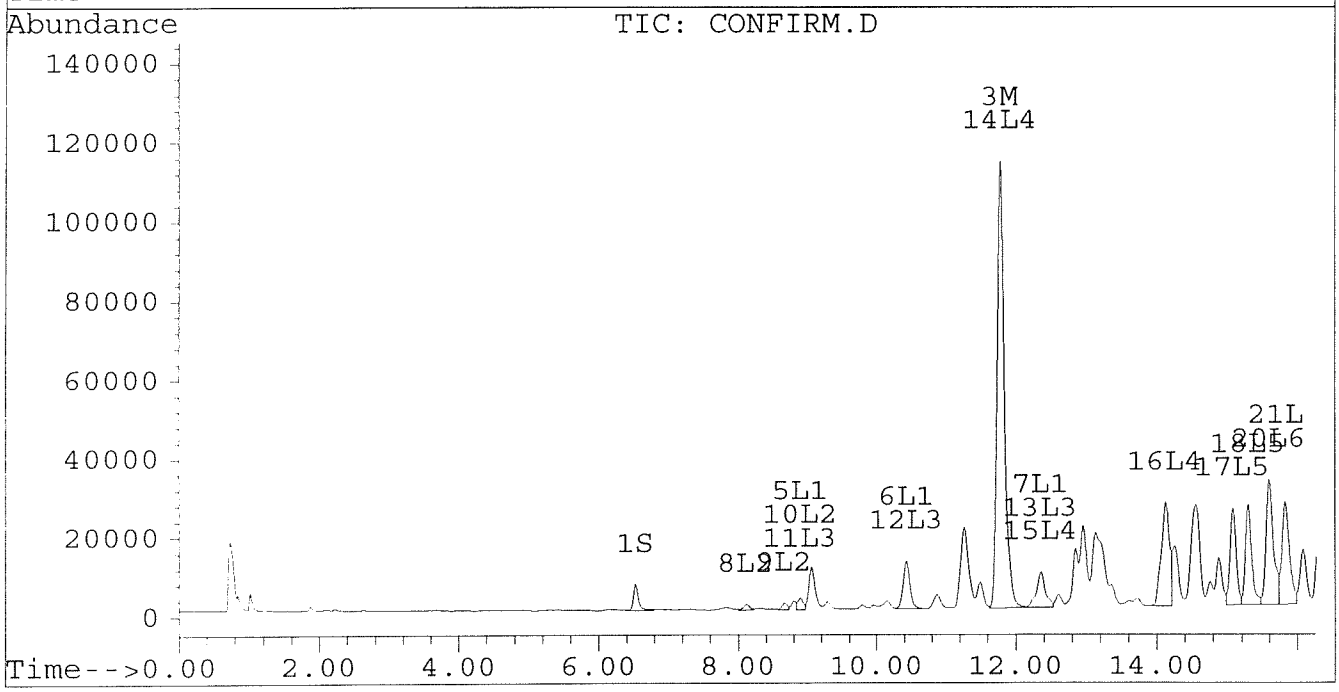
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\C845-22D.D Vial: 15
Signal #2 : D:\HPCHEM\5\AU26A\C845-22D.D\CONFIRM.D
Acq On : 27 Aug 96 02:13 AM Operator: JS
Sample : VHB/ PM5 MSD Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 27 2:47 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





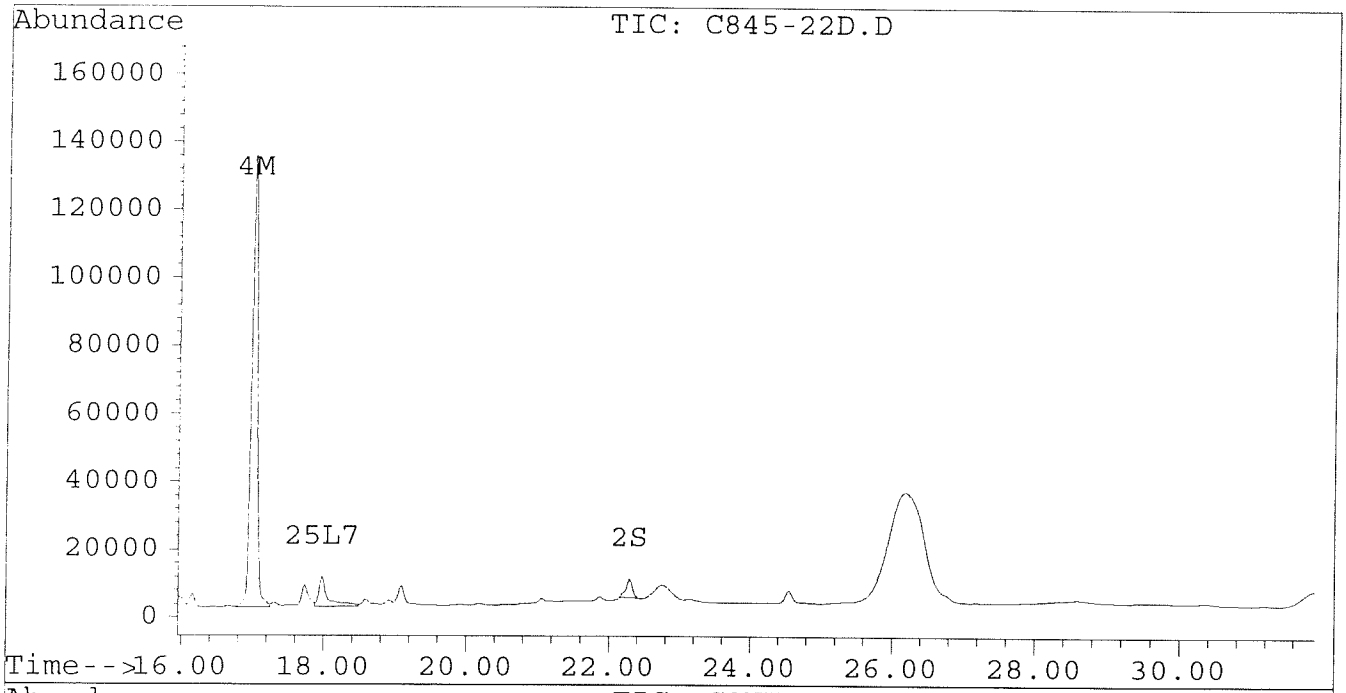
Quantitation Report

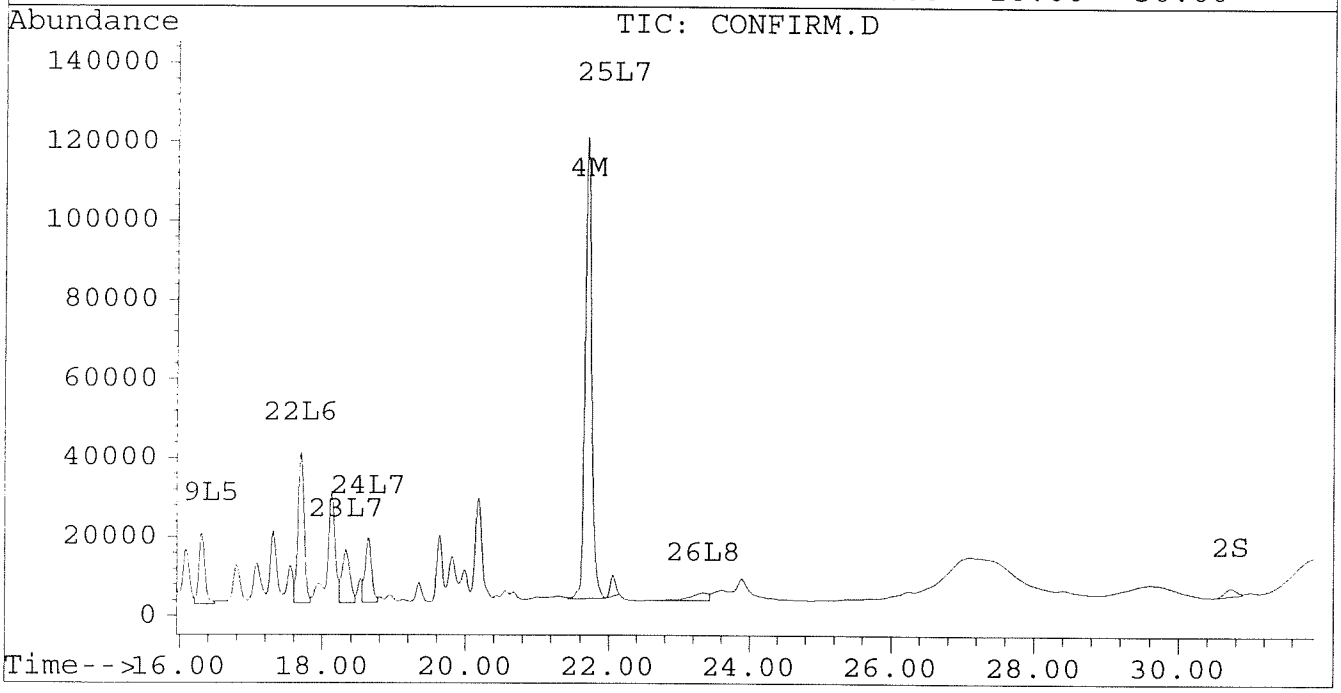
Signal #1 : D:\HPCHEM\5\AU26A\C845-22D.D
Signal #2 : D:\HPCHEM\5\AU26A\C845-22D.D\CONFIRM.D
Acq On : 27 Aug 96 02:13 AM
Sample : VHB/ PM5 MSD
Misc : 30.2G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 27 2:47 1996

Vial: 15
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22DA.D Vial: 80
Signal #2 : D:\HPCHEM\5\AU26A\845-22DA.D\CONFIRM.D
Acq On : 28 Aug 96 05:02 PM Operator: JS
Sample : VHB/ PM5 MSD 1:3 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 17:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	2559	2194	0.011	0.011	
				Recovery	=	27.50%	27.50%	
2) S	Decachlorobiphenyl	22.30	30.72	1754	722	0.008	0.008	
				Recovery	=	20.00%	20.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.28	11.79	54194	45445	0.495	0.474	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	51023	43648	0.273	0.278	
5) L1	Aroclor-1016	6.85	8.90	5362	1161	0.167	0.086	#
6) L1	Aroclor-1016 {2}	8.99	10.43	7930	4933	0.452	0.177	#
7) L1	Aroclor-1016 {3}	9.38	12.36	14610	3560	0.563	0.206	#
Total	Aroclor-1016			27901	9655	1.183	0.469	
Average	Aroclor-1016					0.394	0.156	
8) L2	Aroclor-1221	5.14	8.12	206	564	0.029	0.092	#
9) L2	Aroclor-1221 {2}	5.56	8.67	378	633	0.065	0.130	#
10) L2	Aroclor-1221 {3}	5.73	8.90	2141	1161	0.106	0.076	#
Total	Aroclor-1221			2725	2358	0.200	0.298	
Average	Aroclor-1221					0.067	0.099	
11) L3	Aroclor-1232	5.73	8.90	2141	1161	0.117	0.081	#
12) L3	Aroclor-1232 {2}	6.85	10.43	5362	4933	0.393	0.411	
13) L3	Aroclor-1232 {3}	8.66	12.36	3884	3560	0.469	0.513	
Total	Aroclor-1232			11387	9655	0.979	1.005	
Average	Aroclor-1232					0.326	0.335	
14) L4	Aroclor-1242	8.28	11.79	54194	45445	1.309	1.525	
15) L4	Aroclor-1242 {2}	9.38	12.36	14610	3560	0.751	0.269	#
16) L4	Aroclor-1242 {3}	10.13	14.13	13106	10329	0.776	0.776	
Total	Aroclor-1242			81910	59334	2.836	2.571	
Average	Aroclor-1242					0.945	0.857	
17) L5	Aroclor-1248	9.38	15.08	14610	9321	0.459	0.414	
18) L5	Aroclor-1248 {2}	10.13	15.30	13106	9315	0.478	0.399	
19) L5	Aroclor-1248 {3}	11.43	16.31	16783	5972	0.482	0.334	#
Total	Aroclor-1248			44499	24608	1.420	1.147	
Average	Aroclor-1248					0.473	0.382	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0481

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22DA.D Vial: 80
Signal #2 : D:\HPCHEM\5\AU26A\845-22DA.D\CONFIRM.D
Acq On : 28 Aug 96 05:02 PM Operator: JS
Sample : VHB/ PM5 MSD 1:3 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 17:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	10270	11597	0.329	0.429 #
21) L6	Aroclor-1254 {2}	13.48	15.84	15833	10080	0.367	0.346
22) L6	Aroclor-1254 {3}	15.88	17.69	11977	14187	0.373	0.356
Total	Aroclor-1254			38080	35864	1.068	1.132
Average	Aroclor-1254					0.356	0.377
23) L7	Aroclor-1260	13.98	18.33	7791	5194	0.225	0.162 #
24) L7	Aroclor-1260 {2}	14.76	18.64	6852	6035	0.169	0.168
25) L7	Aroclor-1260 {3}	17.97	22.06	2757	1765	0.048	0.033 #
Total	Aroclor-1260			17399	12994	0.441	0.363
Average	Aroclor-1260					0.147	0.121
26) L8	Aroclor-1268	0.00	23.33	0	431	N.D.	0.100 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.09	0	243	N.D.	NoCal
Total	Aroclor-1268			0	431	N.D.	0.100
Average	Aroclor-1268					0.000	0.100

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

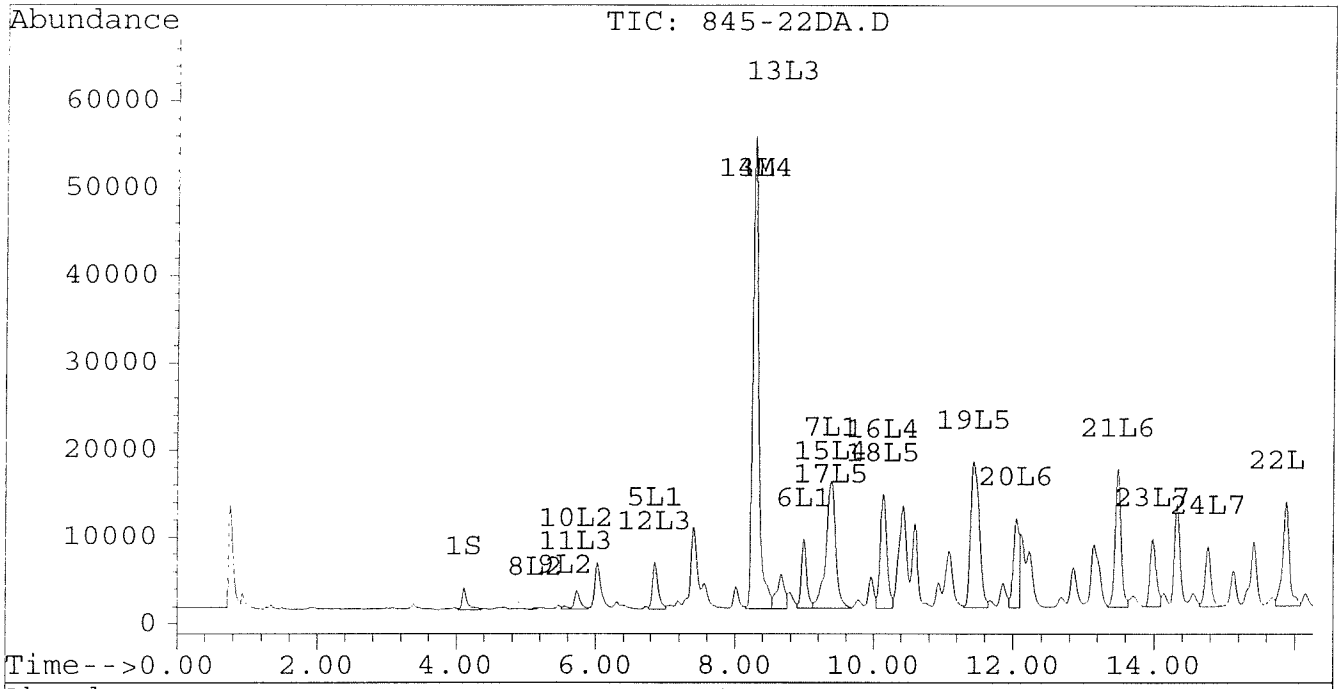
0492

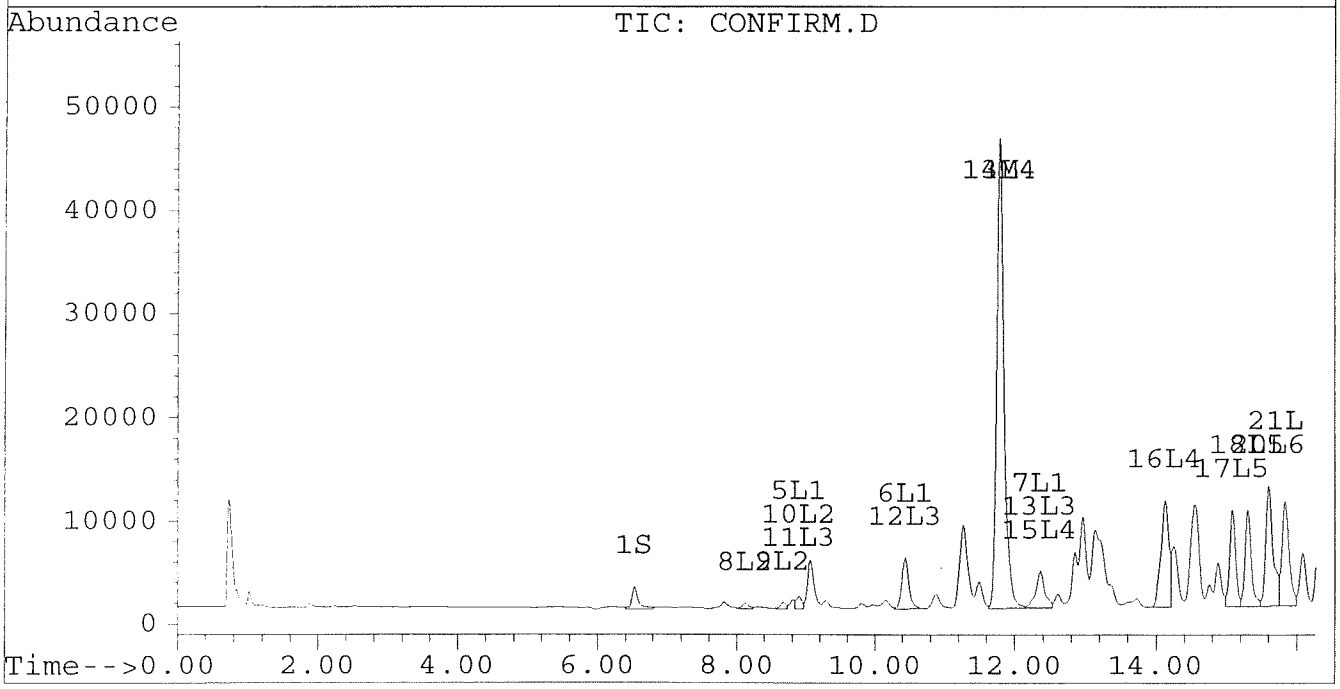
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22DA.D Vial: 80
Signal #2 : D:\HPCHEM\5\AU26A\845-22DA.D\CONFIRM.D
Acq On : 28 Aug 96 05:02 PM Operator: JS
Sample : VHB/ PM5 MSD 1:3 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 17:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





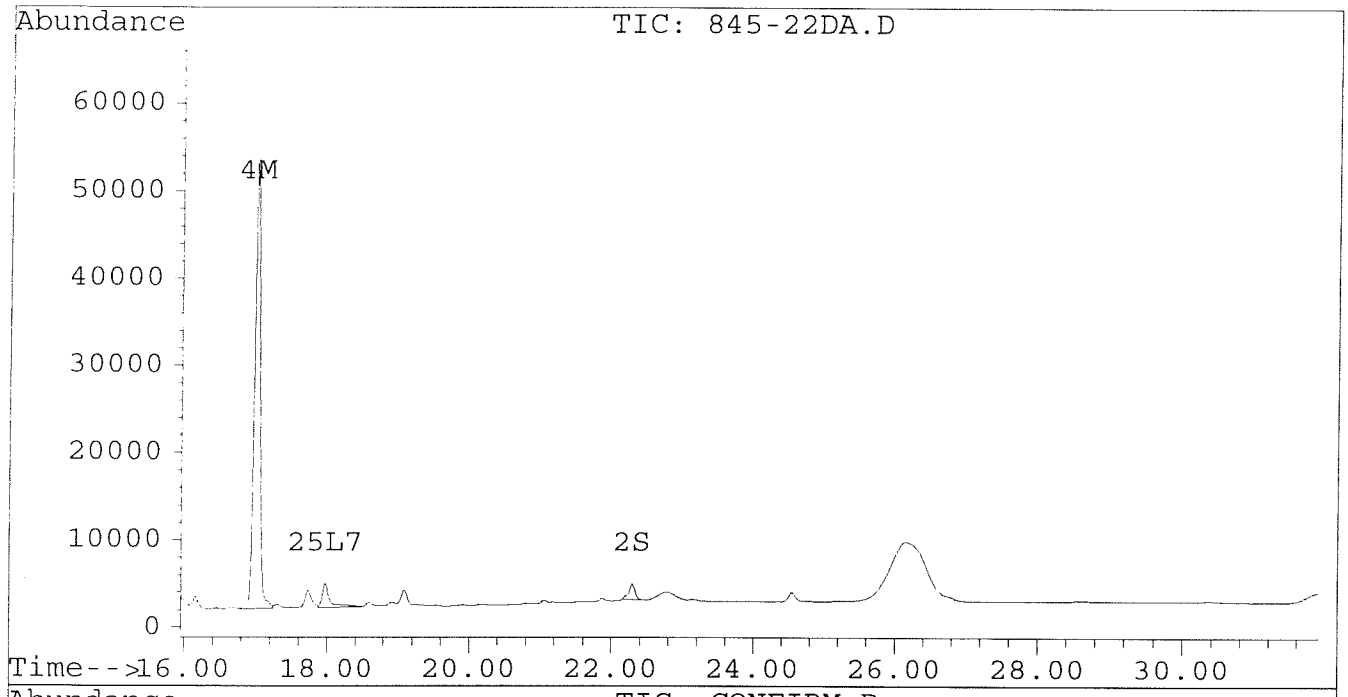
0183

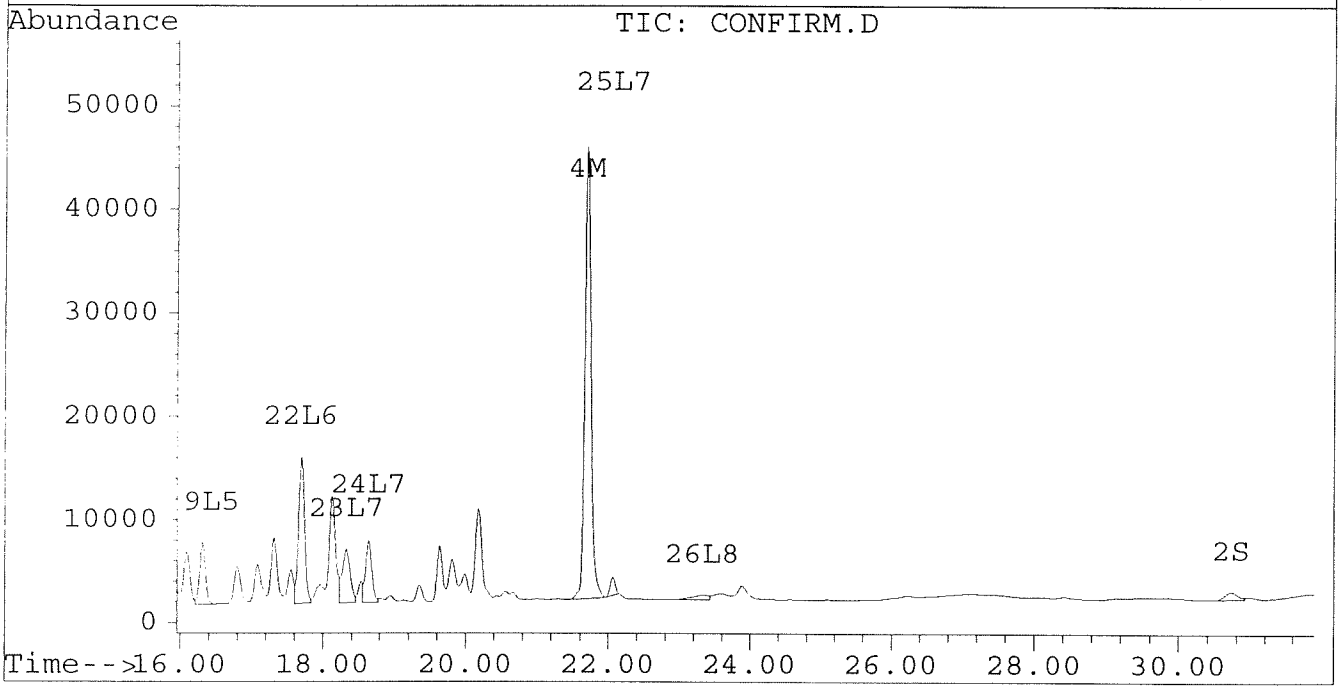
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU26A\845-22DA.D Vial: 80
Signal #2 : D:\HPCHEM\5\AU26A\845-22DA.D\CONFIRM.D
Acq On : 28 Aug 96 05:02 PM Operator: JS
Sample : VHB/ PM5 MSD 1:3 DILUTION Inst : ECD1
Misc : 30.2G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 28 17:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0484

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-15D.D Vial: 52
Signal #2 : D:\HPCHEM\5\SE3\C845-15D.D\CONFIRM.D
Acq On : 05 Sep 96 08:05 AM Operator: JS
Sample : VHB / PV1 REEXTRACT Inst : ECD1
Misc : 30.3G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 8:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.06	6.45	9555	7090	0.040	0.037
					Recovery	=	100.00%	92.50%
2)	S	Decachlorobiphenyl	22.20	30.48	5416	2315	0.026	0.026
					Recovery	=	65.00%	65.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.68	8482	5842	0.077	0.061
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.60	1982	950	0.011	0.006 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1016			0	0	N.D.	N.D.
Average		Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.18f	0.00	78	0	0.011	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			78	0	0.011	N.D.
Average		Aroclor-1221					0.011	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.71f	0.00	492	0	0.059	N.D. #
	Total	Aroclor-1232			492	0	0.059	N.D.
Average		Aroclor-1232					0.059	0.000
14)	L4	Aroclor-1242	8.20	11.68	8482	5842	0.205	0.196
15)	L4	Aroclor-1242 {2}	9.30	12.27	6748	1178	0.347	0.089 #
16)	L4	Aroclor-1242 {3}	10.06	14.03	5533	4234	0.327	0.318
	Total	Aroclor-1242			20763	11255	0.879	0.603
Average		Aroclor-1242					0.293	0.201
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
Average		Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0485

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-15D.D Vial: 52
Signal #2 : D:\HPCHEM\5\SE3\C845-15D.D\CONFIRM.D
Acq On : 05 Sep 96 08:05 AM Operator: JS
Sample : VHB / PV1 REEXTRACT Inst : ECD1
Misc : 30.3G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 8:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	4721	4034	0.151	0.149
21) L6 Aroclor-1254 {2}	13.40	15.74	6692	4406	0.155	0.151
22) L6 Aroclor-1254 {3}	15.79	17.59	4585	5949	0.143	0.149
Total Aroclor-1254			15998	14389	0.449	0.450
Average Aroclor-1254					0.150	0.150
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	325	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	847	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	310	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$$\frac{0.552 \times 10}{0.0303 \times .96 \times .666} = 284$$

280

AR1254

$$\frac{0.298 \times 10}{0.0303 \times .96 \times .666} = 153$$

150

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

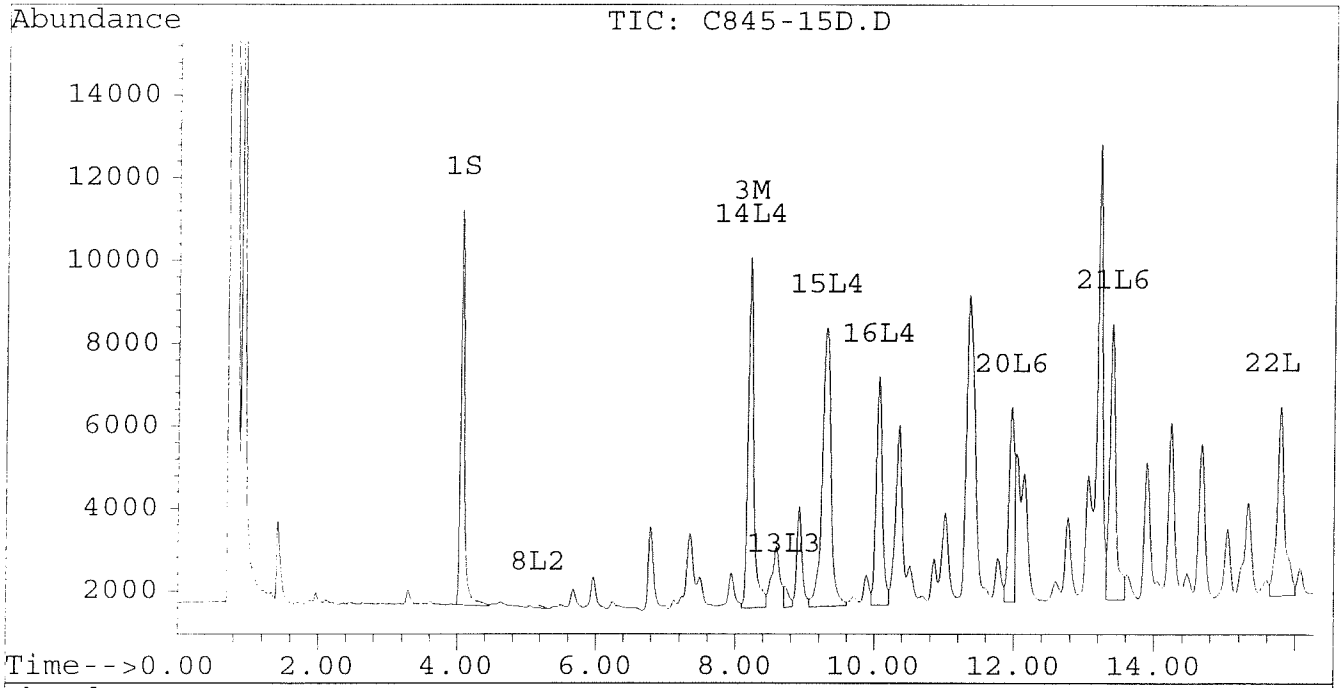
0196

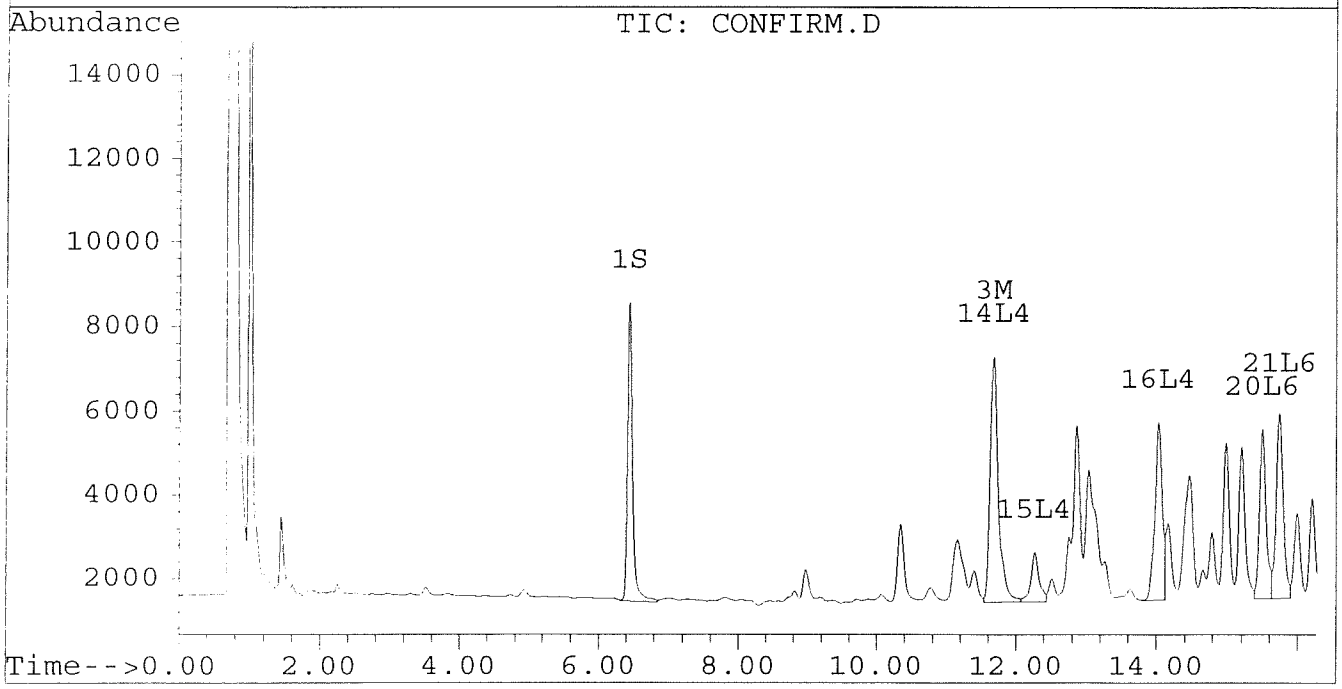
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-15D.D Vial: 52
Signal #2 : D:\HPCHEM\5\SE3\C845-15D.D\CONFIRM.D
Acq On : 05 Sep 96 08:05 AM Operator: JS
Sample : VHB / PV1 REEXTRACT Inst : ECD1
Misc : 30.3G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 8:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





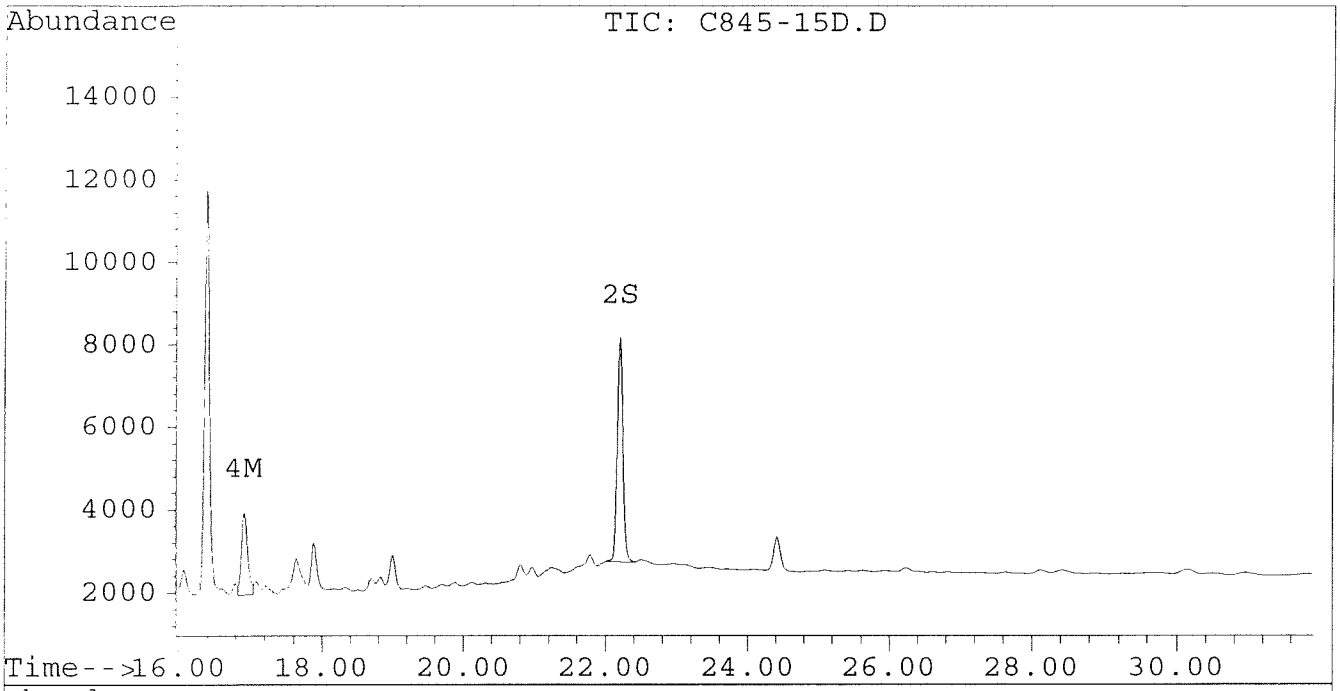
0487

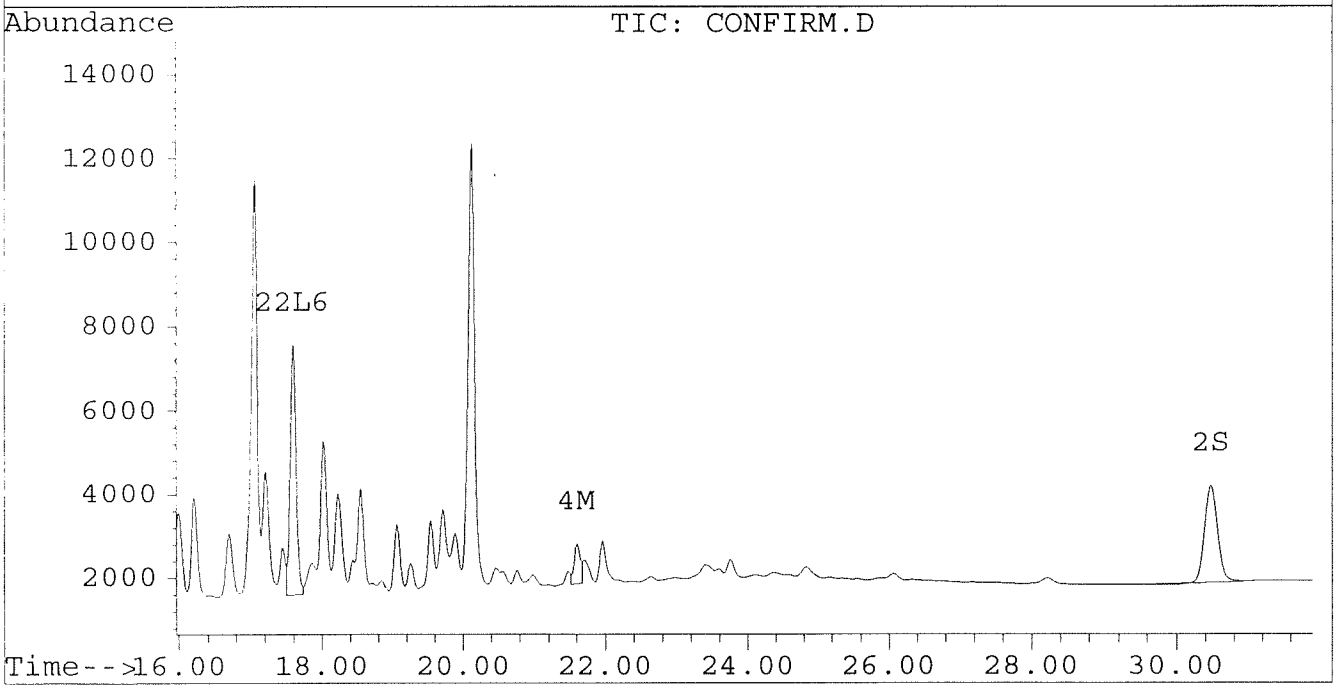
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-15D.D Vial: 52
Signal #2 : D:\HPCHEM\5\SE3\C845-15D.D\CONFIRM.D
Acq On : 05 Sep 96 08:05 AM Operator: JS
Sample : VHB / PV1 REEXTRACT Inst : ECD1
Misc : 30.3G/10ML 96% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 8:39 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\P0904-B1.D Vial: 50
Signal #2 : D:\HPCHEM\5\SE3\P0904-B1.D\CONFIRM.D
Acq On : 04 Sep 96 10:35 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 23:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	9898	7668	0.041	0.040
				Recovery	=	102.50%	100.00%
2) S	Decachlorobiphenyl	22.20	30.48	5560	3059	0.026	0.035 #
				Recovery	=	65.00%	87.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	165	115	0.002	0.001
4) M	2,2',3,3',4,4'-Hexa	16.91	21.59	477	301	0.003	0.002
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	10.48f	0	15	N.D.	0.001 #
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	15	N.D.	0.001
	Average Aroclor-1016					0.000	0.001
8) L2	Aroclor-1221	5.15	0.00	162	0	0.023	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			162	0	0.023	N.D.
	Average Aroclor-1221					0.023	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	10.48f	0	15	N.D.	0.001 #
13) L3	Aroclor-1232 {3}	8.67	0.00	34	0	0.004	N.D. #
	Total Aroclor-1232			34	15	0.004	0.001
	Average Aroclor-1232					0.004	0.001
14) L4	Aroclor-1242	8.20	11.69	165	115	0.004	0.004
15) L4	Aroclor-1242 {2}	9.30	0.00	125	0	0.006	N.D. #
16) L4	Aroclor-1242 {3}	10.05	14.04	85	103	0.005	0.008 #
	Total Aroclor-1242			375	218	0.015	0.012
	Average Aroclor-1242					0.005	0.006
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\P0904-B1.D Vial: 50
Signal #2 : D:\HPCHEM\5\SE3\P0904-B1.D\CONFIRM.D
Acq On : 04 Sep 96 10:35 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 23:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	11.96	15.51	78	214	0.002	0.008	#
21) L6	Aroclor-1254 {2}	13.40	15.74	105	249	0.002	0.009	#
22) L6	Aroclor-1254 {3}	15.79	17.60	67	126	0.002	0.003	#
Total	Aroclor-1254			251	589	0.007	0.020	
Average	Aroclor-1254					0.002	0.007	
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.	
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.	
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1260			0	0	N.D.	N.D.	
Average	Aroclor-1260					0.000	0.000	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	21.78f	0.00	59	0	NoCal	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

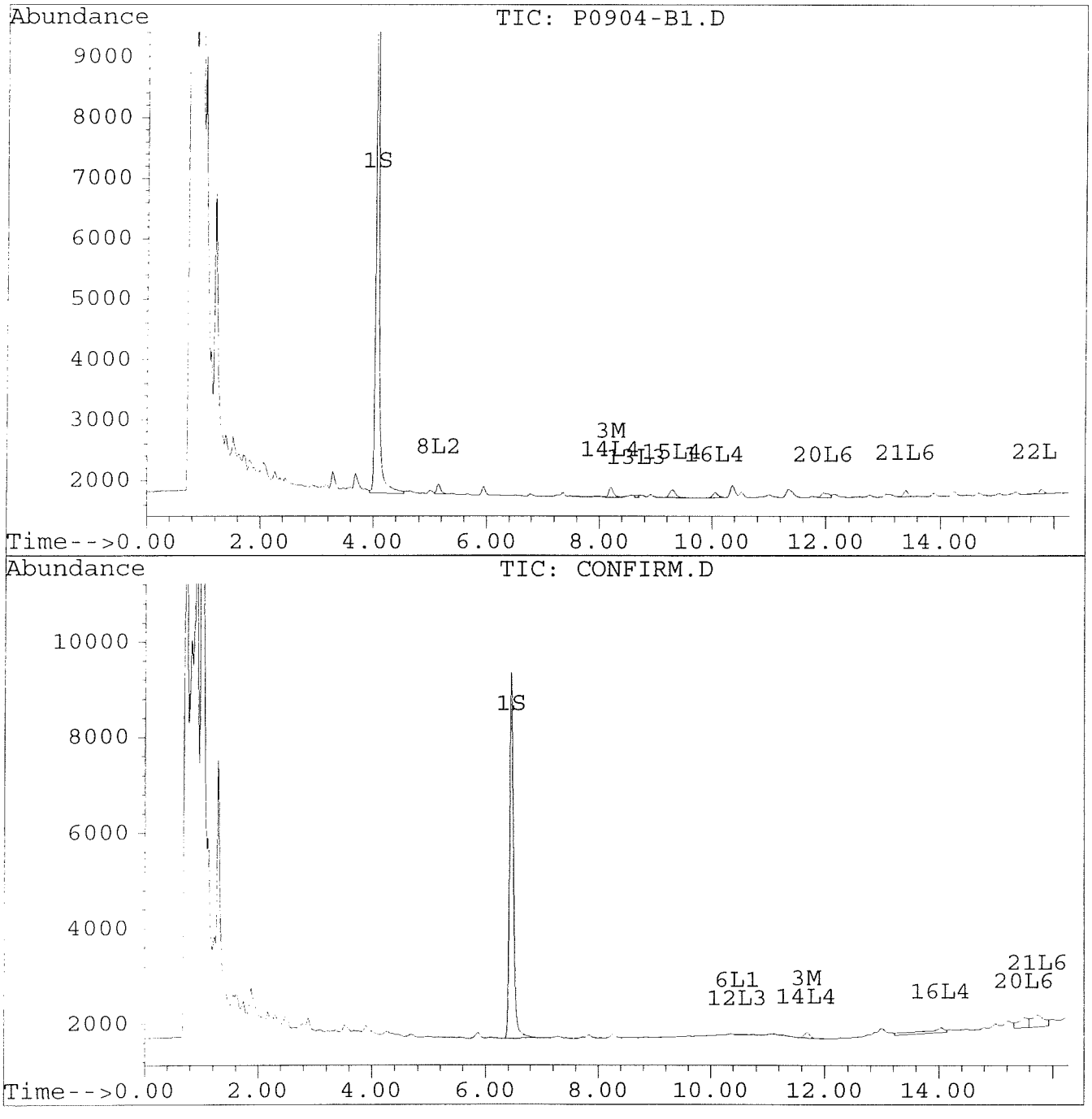
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\P0904-B1.D Vial: 50
Signal #2 : D:\HPCHEM\5\SE3\P0904-B1.D\CONFIRM.D
Acq On : 04 Sep 96 10:35 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 23:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0491

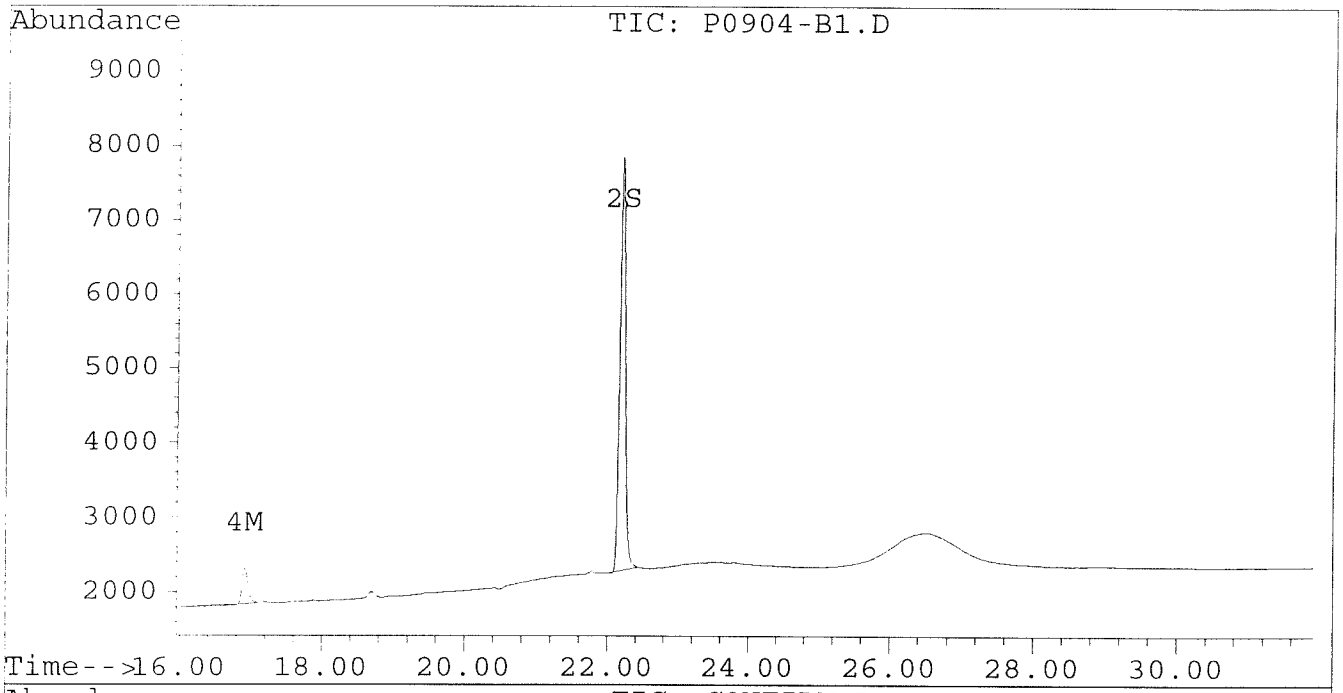
Quantitation Report

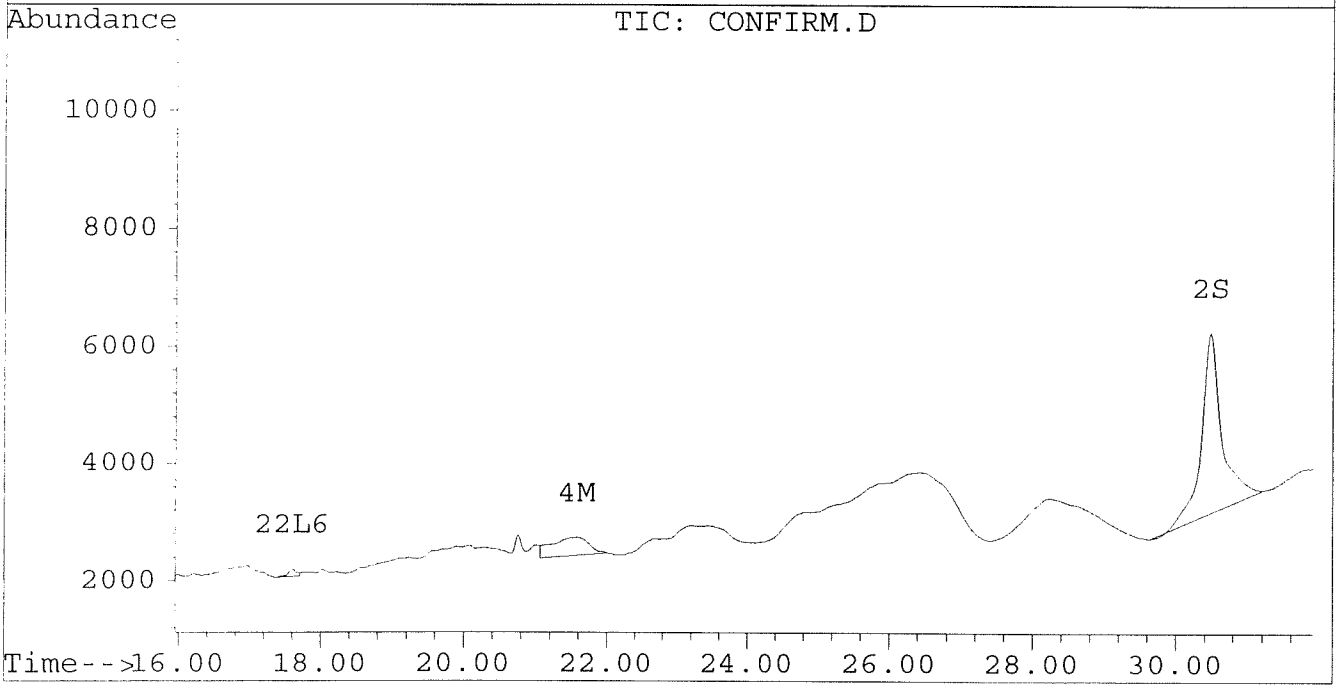
Signal #1 : D:\HPCHEM\5\SE3\P0904-B1.D
Signal #2 : D:\HPCHEM\5\SE3\P0904-B1.D\CONFIRM.D
Acq On : 04 Sep 96 10:35 PM
Sample : SOIL METHOD BLANK
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Sep 4 23:08 1996

Vial: 50
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0492

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\P0904L2.D Vial: 51
Signal #2 : D:\HPCHEM\5\SE3\P0904L2.D\CONFIRM.D
Acq On : 05 Sep 96 07:23 AM Operator: JS
Sample : SOIL LCS Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 7:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.06	6.46	9689	7572	0.041	0.040
				Recovery	=	102.50%	100.00%
2)	S Decachlorobiphenyl	22.20	30.48	5637	2348	0.027	0.027
				Recovery	=	67.50%	67.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.20	11.70	86486	76450	0.790	0.798
4)	M 2,2',3,3',4,4'-Hexa	16.90	21.60	150979	129470	0.808	0.825
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	5.17f	0.00	84	0	0.012	N.D. #
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			84	0	0.012	N.D.
	Average Aroclor-1221					0.012	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14)	L4 Aroclor-1242	8.20	11.70	86486	76450	2.089	2.565
15)	L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			86486	76450	2.089	2.565
	Average Aroclor-1242					2.089	2.565
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	10.17f	0.00	25	0	0.001	N.D. #
19)	L5 Aroclor-1248 {3}	11.41	0.00	40	0	0.001	N.D. #
	Total Aroclor-1248			65	0	0.002	N.D.
	Average Aroclor-1248					0.001	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0493

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\P0904L2.D
Signal #2 : D:\HPCHEM\5\SE3\P0904L2.D\CONFIRM.D
Acq On : 05 Sep 96 07:23 AM
Sample : SOIL LCS
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Sep 5 7:58 1996

Vial: 51
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	18.68f	0	41	N.D.	0.001 #
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	41	N.D.	0.001
Average	Aroclor-1260					0.000	0.001
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	19.01	0.00	70	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.78	0.00	32	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

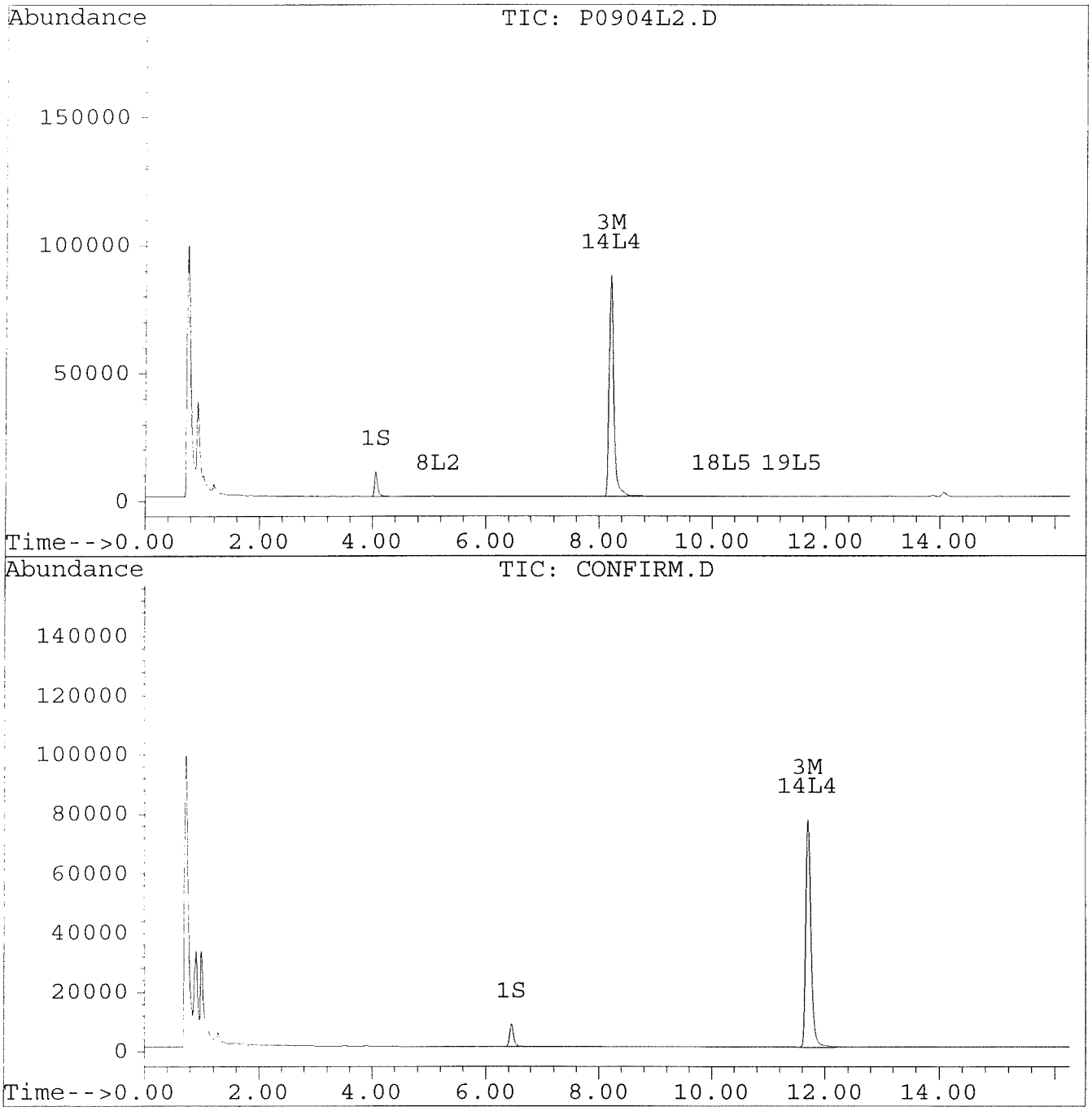
0194

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\P0904L2.D Vial: 51
Signal #2 : D:\HPCHEM\5\SE3\P0904L2.D\CONFIRM.D
Acq On : 05 Sep 96 07:23 AM Operator: JS
Sample : SOIL LCS Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 5 7:58 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0495

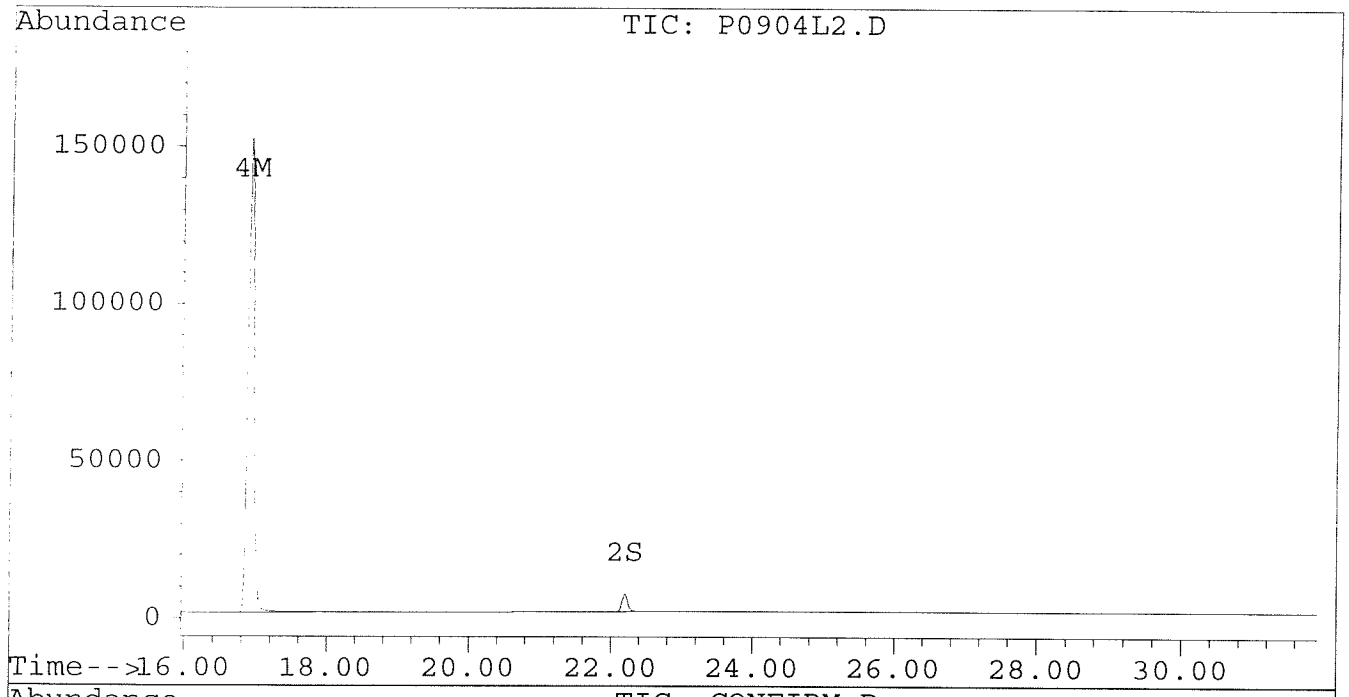
Quantitation Report

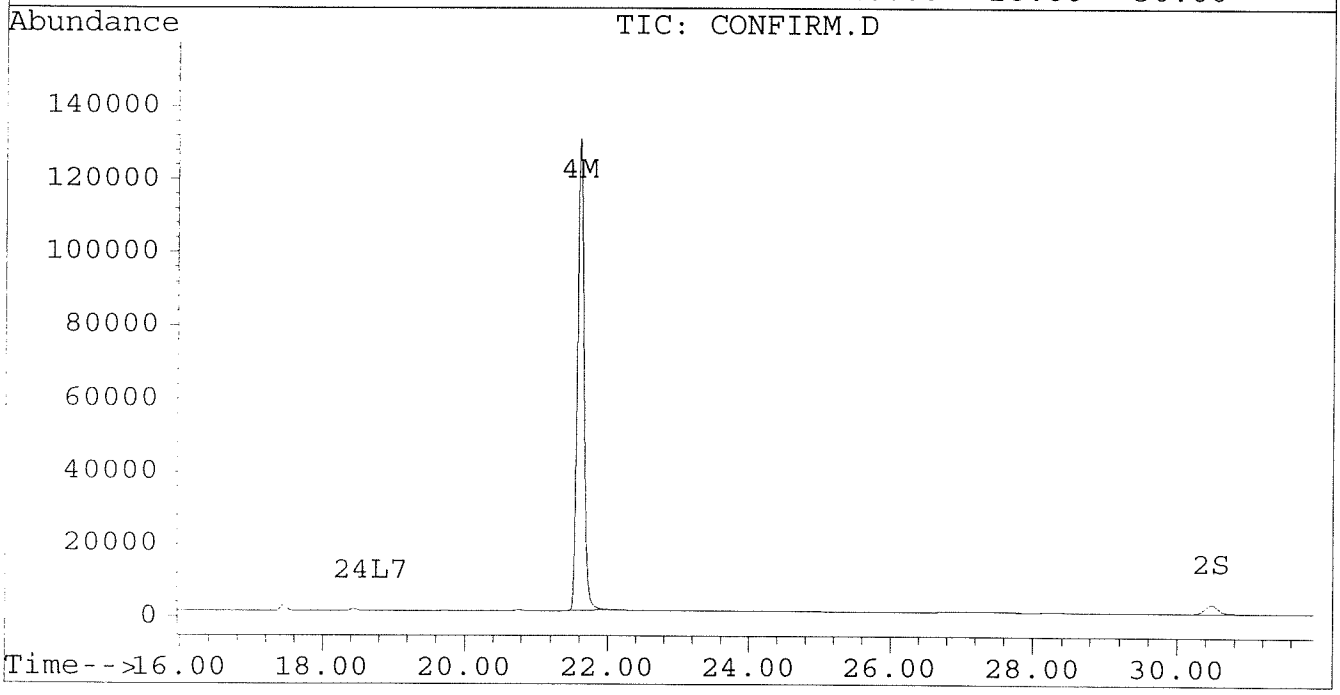
Signal #1 : D:\HPCHEM\5\SE3\P0904L2.D
Signal #2 : D:\HPCHEM\5\SE3\P0904L2.D\CONFIRM.D
Acq On : 05 Sep 96 07:23 AM
Sample : SOIL LCS
Misc : 30.0G/10ML PCB ANALYSIS
Quant Time: Sep 5 7:58 1996

Vial: 51
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Solvent Track:

GPC Batch Number:
Florisil Lot Number:

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

Date:	8/27/96	Analysis:	PCB			Sample Matrix:	Soil		Project #:	C0845	
Blank ID:	PC827-B	Method:	SONC			Analyst:	JA		Client:	VHA	

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
*PC827-B1		30.0g	2ml PW960819A	1ml PW960820A			8/28/96	10 mL	8/28/96	
-LCS1		30.0g								
*PC0845-41		30.2								
~~-41MS~~		30.4		1ml PW960820A			KL			
~~-41MSD~~		30.1								
-42		30.4								
-43		30.4								
-44		30.3								
-45		30.0								
-46		30.5								
~~-47~~		30.5								would not Cu Acid
~~-48~~		30.0								clean
-49		30.5								
-50		30.3					redo due to			
-51		30.2						1:1 mix of		
-52		30.5						Acetonitrile +		
-53		30.4						CH2Cl2		
-54		30.3								

KEY: UNSPIKED

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

0498

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

Date: 8/29/96 Analysis: PCB Sample Matrix: Soil Project #: C0845
Blank ID: P0827-B1 Method: SONC Analyst: JR Client: VHB

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
~~PC0845-55~~		~~30.2g~~	~~PW96082A~~							
	-56	30.4g						VH 8/27/96		
	-57	30.3g								
	-58	30.4g								
	-59	30.1g								
	-60	30.1g								
	-61	30.2g							8/28/96	
91*	-46MS	30.3g		1ml PW96082A			8/28/96	10ml	8/28/96	
91*	-46MSD	30.3g								

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-41.D Vial: 42
Signal #2 : D:\HPCHEM\5\AU29\C845-41.D\CONFIRM.D
Acq On : 30 Aug 96 02:28 PM Operator: JS
Sample : VHB/ PM7 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 15:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	811	1056	0.003	0.006	#
				Recovery	=	7.50%	15.00%	
2)	S Decachlorobiphenyl	22.29	30.72	1415	774	0.007	0.009	#
				Recovery	=	17.50%	22.50%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	200906	148031	1.834	1.546	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	25507	16912	0.136	0.108	
5)	L1 Aroclor-1016	6.85	8.90	39904	7170	1.246	0.533	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	66995	35934	3.820	1.287	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	100099	27388	3.861	1.587	#
	Total Aroclor-1016			206998	70492	8.926	3.407	
	Average Aroclor-1016					2.975	1.136	
8)	L2 Aroclor-1221	5.14	8.12	849	1076	0.121	0.176	#
9)	L2 Aroclor-1221 {2}	5.56	8.67	1754	5965	0.301	1.223	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	17184	7170	0.850	0.467	#
	Total Aroclor-1221			19787	14211	1.272	1.866	
	Average Aroclor-1221					0.424	0.622	
11)	L3 Aroclor-1232	5.72	8.90	17184	7170	0.942	0.500	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	39904	35934	2.924	2.991	
13)	L3 Aroclor-1232 {3}	8.66	12.36	30182	27388	3.646	3.950	
	Total Aroclor-1232			87271	70492	7.512	7.441	
	Average Aroclor-1232					2.504	2.480	
14)	L4 Aroclor-1242	8.27	11.78	200906	148031	4.852	4.967	
15)	L4 Aroclor-1242 {2}	9.38	12.36	100099	27388	5.145	2.072	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	95676	76046	5.663	5.716	
	Total Aroclor-1242			396682	251465	15.660	12.755	
	Average Aroclor-1242					5.220	4.252	
17)	L5 Aroclor-1248	9.38	15.08	100099	64947	3.145	2.883	
18)	L5 Aroclor-1248 {2}	10.13	15.30	95676	71192	3.493	3.050	
19)	L5 Aroclor-1248 {3}	11.43	16.31	107838	50797	3.099	2.845	
	Total Aroclor-1248			303614	186936	9.737	8.778	
	Average Aroclor-1248					3.246	2.926	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0499

Signal #1 : D:\HPCHEM\5\AU29\C845-41.D
Signal #2 : D:\HPCHEM\5\AU29\C845-41.D\CONFIRM.D
Acq On : 30 Aug 96 02:28 PM
Sample : VHB/ PM7 1:10 DILUTION
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS
Quant Time: Aug 30 15:02 1996

Vial: 42
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.59	59160	56306	1.894	2.084	
21) L6	Aroclor-1254 {2}	13.48	15.84	94217	57786	2.182	1.986	
22) L6	Aroclor-1254 {3}	15.87	17.69	68225	88285	2.124	2.217	
Total	Aroclor-1254			221603	202377	6.200	6.287	
Average	Aroclor-1254					2.067	2.096	
23) L7	Aroclor-1260	13.98	18.32	45232	30930	1.303	0.967	#
24) L7	Aroclor-1260 {2}	14.76	18.64	38496	35128	0.947	0.977	
25) L7	Aroclor-1260 {3}	17.97	22.06	18000	13662	0.311	0.256	
Total	Aroclor-1260			101729	79719	2.562	2.199	
Average	Aroclor-1260					0.854	0.733	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

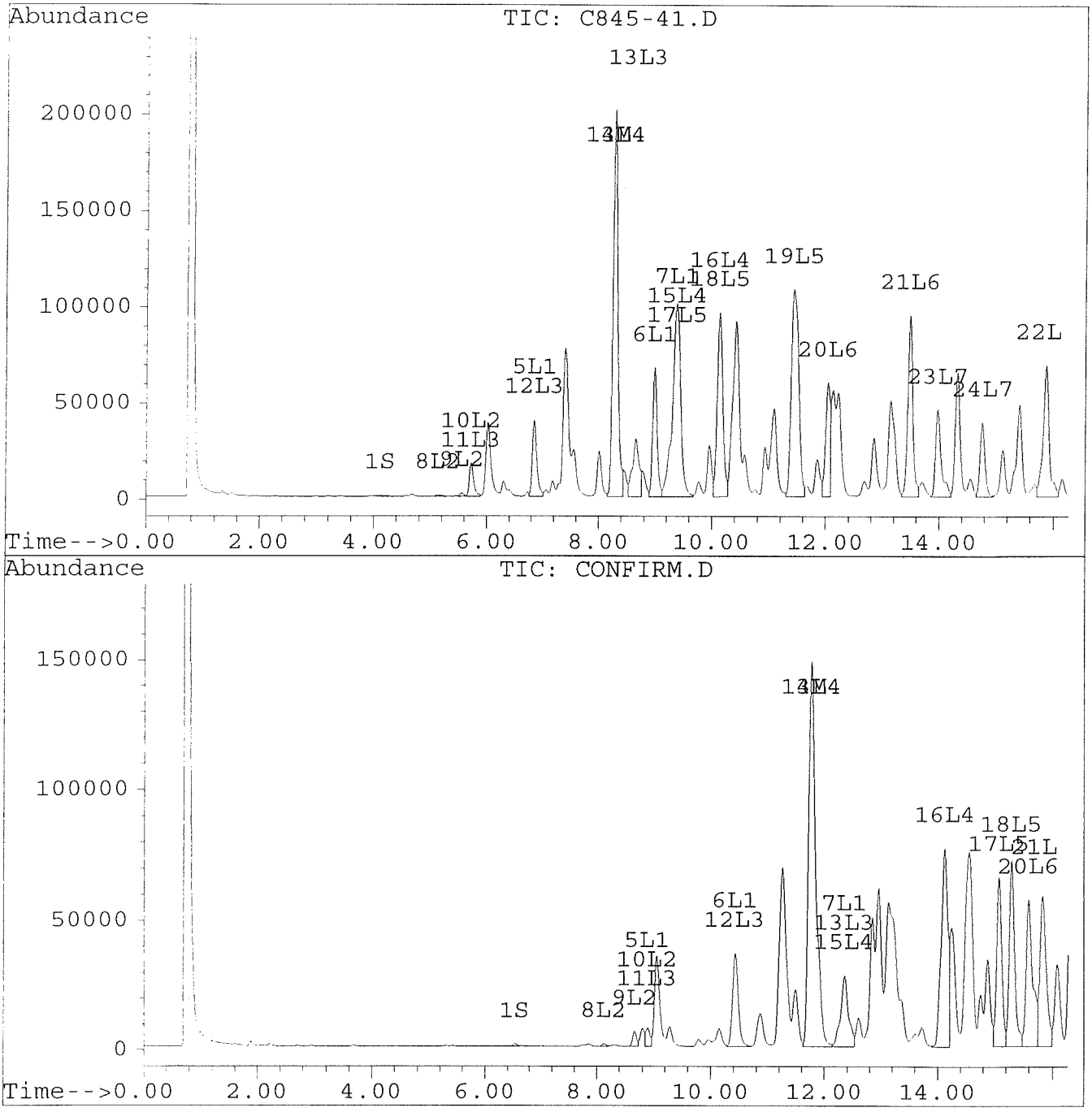
0500

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-41.D Vial: 42
Signal #2 : D:\HPCHEM\5\AU29\C845-41.D\CONFIRM.D
Acq On : 30 Aug 96 02:28 PM Operator: JS
Sample : VHB/ PM7 1:10 DILUTION Inst : ECD1
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 15:02 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0501

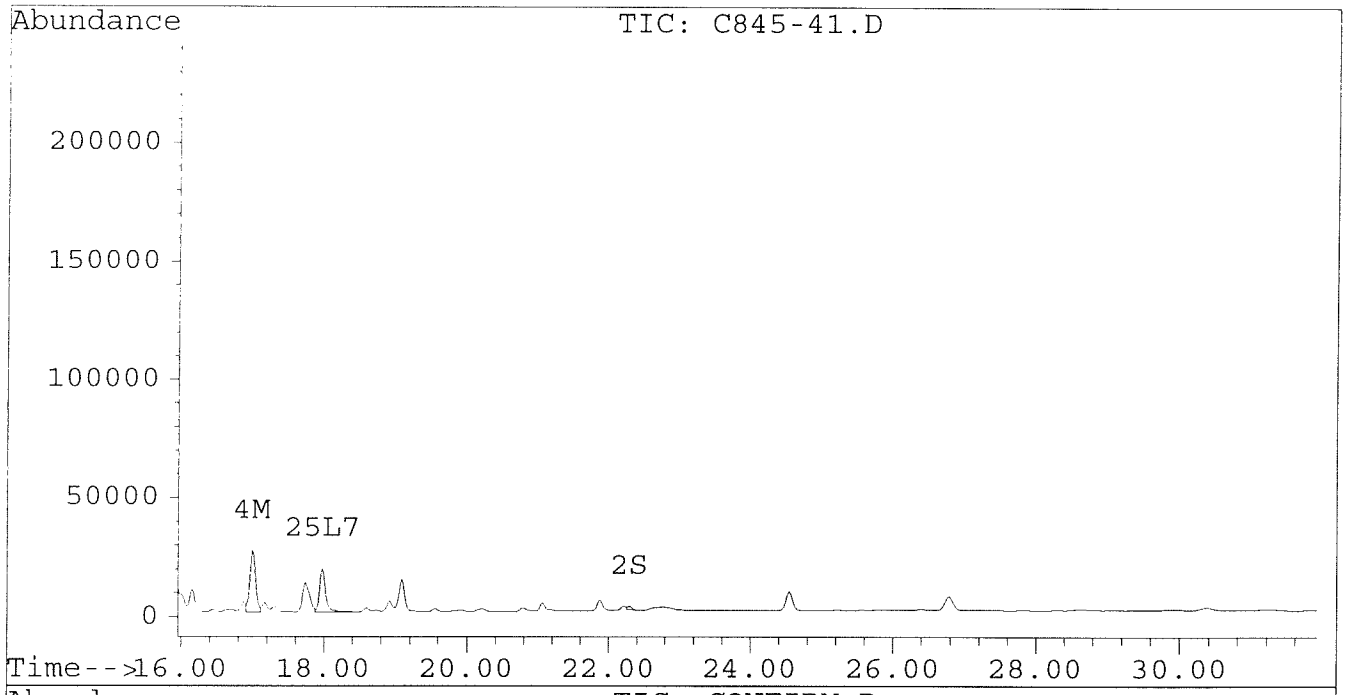
Quantitation Report

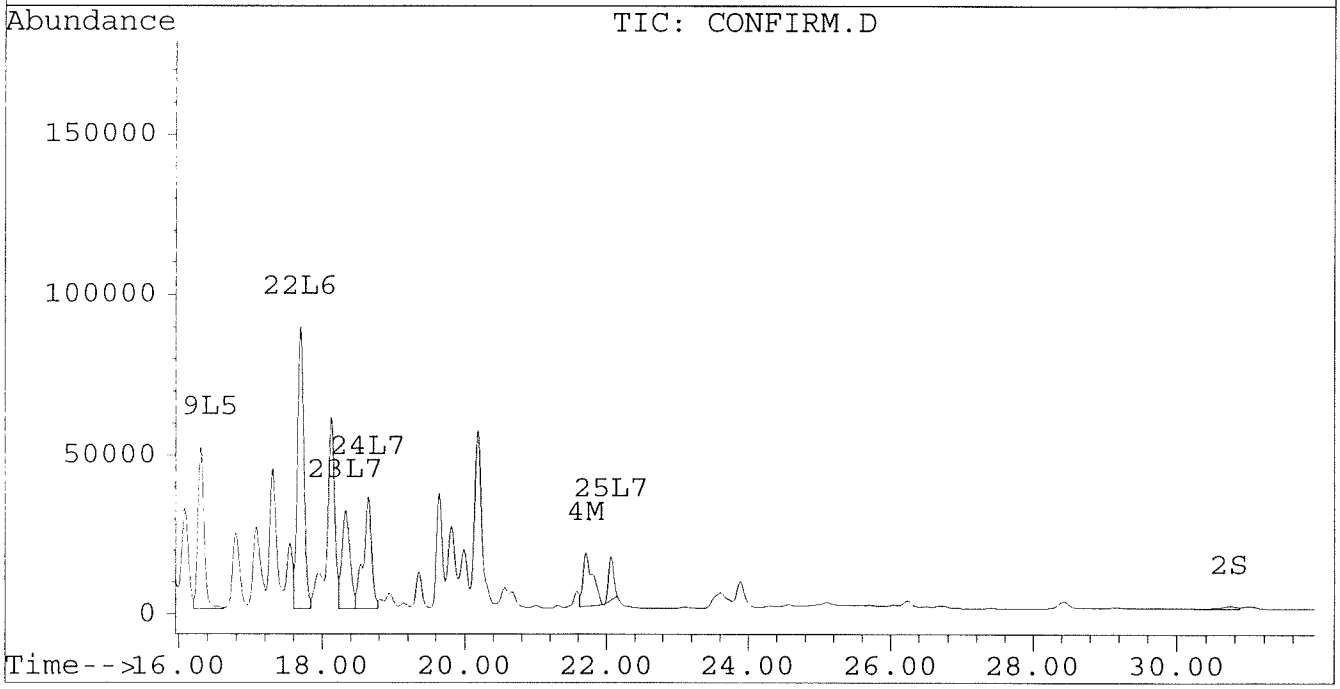
Signal #1 : D:\HPCHEM\5\AU29\C845-41.D
Signal #2 : D:\HPCHEM\5\AU29\C845-41.D\CONFIRM.D
Acq On : 30 Aug 96 02:28 PM
Sample : VHB/ PM7 1:10 DILUTION
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS
Quant Time: Aug 30 15:02 1996

Vial: 42
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0502

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-41A.D Vial: 27
Signal #2 : D:\HPCHEM\5\SE3\C845-41A.D\CONFIRM.D
Acq On : 04 Sep 96 07:12 AM Operator: JS
Sample : VHB/ PM7 1:50 DILUTION Inst : ECD1
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 7:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.06	6.46	174	228	0.001	0.001 #
					Recovery	=	2.50%	2.50%
2)	S	Decachlorobiphenyl	22.20	30.48	344	169	0.002	0.002
					Recovery	=	5.00%	5.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.69	48115	34612	0.439	0.361
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.60	4916	3059	0.026	0.019 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1016			0	0	N.D.	N.D.
		Average Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1221			0	0	N.D.	N.D.
		Average Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.71f	0.00	3158	0	0.381	N.D. #
		Total Aroclor-1232			3158	0	0.381	N.D.
		Average Aroclor-1232					0.381	0.000
14)	L4	Aroclor-1242	8.20	11.69	48115	34612	1.162	1.161
15)	L4	Aroclor-1242 {2}	9.30	12.27	25649	6185	1.318	0.468 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	23470	18613	1.389	1.399
		Total Aroclor-1242			97233	59410	3.869	3.028
		Average Aroclor-1242					1.290	1.009
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
		Total Aroclor-1248			0	0	N.D.	N.D.
		Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0503

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-41A.D Vial: 27
Signal #2 : D:\HPCHEM\5\SE3\C845-41A.D\CONFIRM.D
Acq On : 04 Sep 96 07:12 AM Operator: JS
Sample : VHB/ PM7 1:50 DILUTION Inst : ECD1
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 7:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	14378	13549	0.460	0.502
21) L6 Aroclor-1254 {2}	13.40	15.74	21263	14143	0.492	0.486
22) L6 Aroclor-1254 {3}	15.78	17.60	14606	20059	0.455	0.504
Total Aroclor-1254			50246	47751	1.408	1.491
Average Aroclor-1254					0.469	0.497
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	902	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	23.47f	2476	1073	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.78f	0.00	879	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.48 \times 10}{0.0302 \times .84 \times .666} \times 50 = 73,394$

73000

AR1254

$\frac{6.947 \times 10}{0.0302 \times .84 \times .666} \times 50 = 28025$

28000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

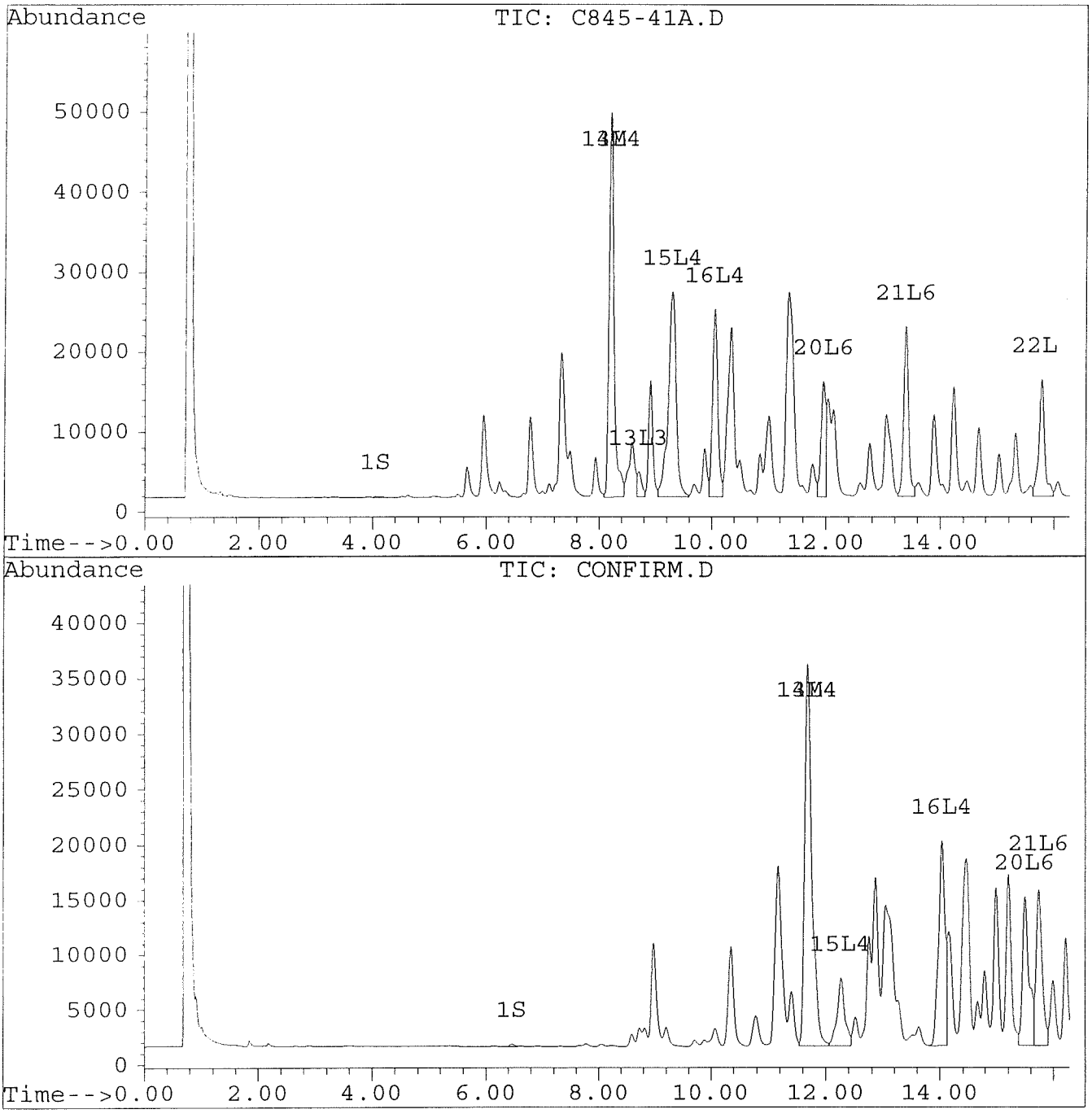
0504

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-41A.D Vial: 27
Signal #2 : D:\HPCHEM\5\SE3\C845-41A.D\CONFIRM.D
Acq On : 04 Sep 96 07:12 AM Operator: JS
Sample : VHB/ PM7 1:50 DILUTION Inst : ECD1
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 7:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



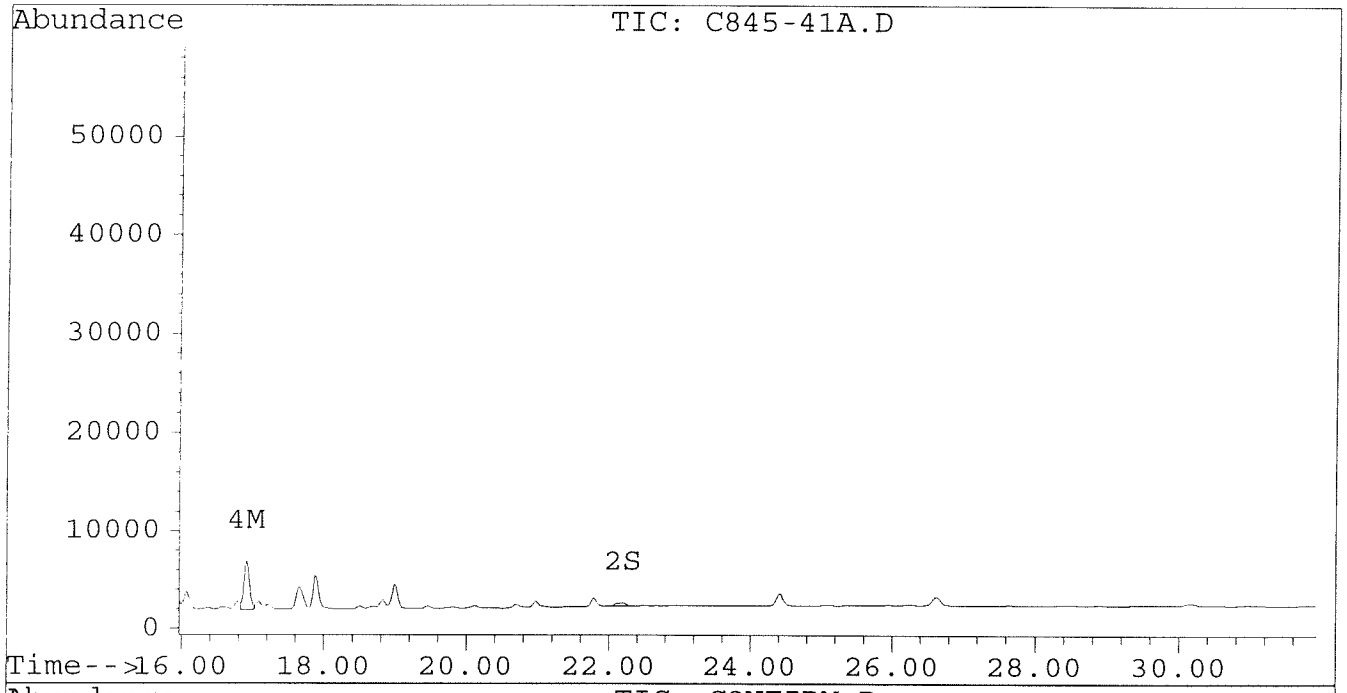
0505

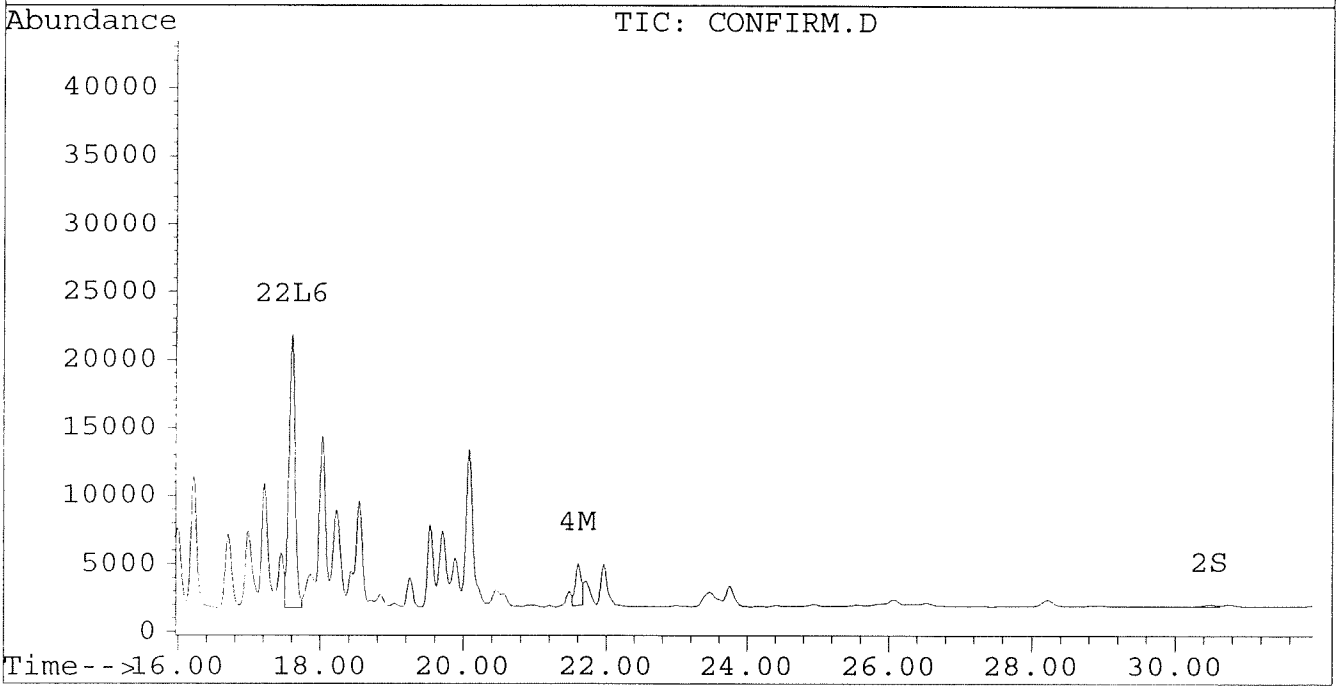
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-41A.D Vial: 27
Signal #2 : D:\HPCHEM\5\SE3\C845-41A.D\CONFIRM.D
Acq On : 04 Sep 96 07:12 AM Operator: JS
Sample : VHB/ PM7 1:50 DILUTION Inst : ECD1
Misc : 30.2G/10ML 84% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 7:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





050

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-42.D Vial: 43
Signal #2 : D:\HPCHEM\5\AU29\C845-42.D\CONFIRM.D
Acq On : 30 Aug 96 03:04 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 15:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.54	668	585	0.003	0.003	
				Recovery	=	7.50%	7.50%	
2) S	Decachlorobiphenyl	22.30	30.74	1136	393	0.005	0.004	
				Recovery	=	12.50%	10.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	54447	42225	0.497	0.441	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	28443	20591	0.152	0.131	
5) L1	Aroclor-1016	6.85	8.90	8897	1514	0.278	0.112	#
6) L1	Aroclor-1016 {2}	8.99	10.44	16361	8298	0.933	0.297	#
7) L1	Aroclor-1016 {3}	9.36	12.37	44086	4770	1.700	0.276	#
Total	Aroclor-1016			69343	14582	2.911	0.686	
Average	Aroclor-1016					0.970	0.229	
8) L2	Aroclor-1221	5.14	8.12	142	441	0.020	0.072	#
9) L2	Aroclor-1221 {2}	5.56	8.67	367	1454	0.063	0.298	#
10) L2	Aroclor-1221 {3}	5.72	8.90	2986	1514	0.148	0.099	#
Total	Aroclor-1221			3495	3409	0.231	0.469	
Average	Aroclor-1221					0.077	0.156	
11) L3	Aroclor-1232	5.72	8.90	2986	1514	0.164	0.106	#
12) L3	Aroclor-1232 {2}	6.85	10.44	8897	8298	0.652	0.691	
13) L3	Aroclor-1232 {3}	8.66	12.37	6651	4770	0.804	0.688	
Total	Aroclor-1232			18534	14582	1.619	1.484	
Average	Aroclor-1232					0.540	0.495	
14) L4	Aroclor-1242	8.27	11.78	54447	42225	1.315	1.417	
15) L4	Aroclor-1242 {2}	9.36	12.37	44086	4770	2.266	0.361	#
16) L4	Aroclor-1242 {3}	10.13	14.13	37096	30875	2.196	2.321	
Total	Aroclor-1242			135629	77870	5.777	4.098	
Average	Aroclor-1242					1.926	1.366	
17) L5	Aroclor-1248	9.36	15.08	44086	36273	1.385	1.610	
18) L5	Aroclor-1248 {2}	10.13	15.30	37096	27994	1.354	1.199	
19) L5	Aroclor-1248 {3}	11.42	16.31	74626	19323	2.145	1.082	#
Total	Aroclor-1248			155808	83590	4.884	3.892	
Average	Aroclor-1248					1.628	1.297	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-42.D Vial: 43
Signal #2 : D:\HPCHEM\5\AU29\C845-42.D\CONFIRM.D
Acq On : 30 Aug 96 03:04 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 15:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	61470	52308	1.968	1.936
21) L6	Aroclor-1254 {2}	13.48	15.83	97401	58998	2.255	2.028
22) L6	Aroclor-1254 {3}	15.87	17.70	80151	92343	2.496	2.319
Total	Aroclor-1254			239021	203650	6.719	6.282
Average	Aroclor-1254					2.240	2.094
23) L7	Aroclor-1260	13.98	18.33	44642	31885	1.286	0.997
24) L7	Aroclor-1260 {2}	14.76	18.64	42054	39063	1.034	1.086
25) L7	Aroclor-1260 {3}	17.97	22.06	23389	10942	0.405	0.205 #
Total	Aroclor-1260			110085	81890	2.725	2.288
Average	Aroclor-1260					0.908	0.763
26) L8	Aroclor-1268	0.00	23.33	0	1940	N.D.	0.452 #
27) L8	Aroclor-1268 {2}	0.00	23.54	0	2166	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	28.12	0	2166	N.D.	NoCal
Total	Aroclor-1268			0	1940	N.D.	0.452
Average	Aroclor-1268					0.000	0.452

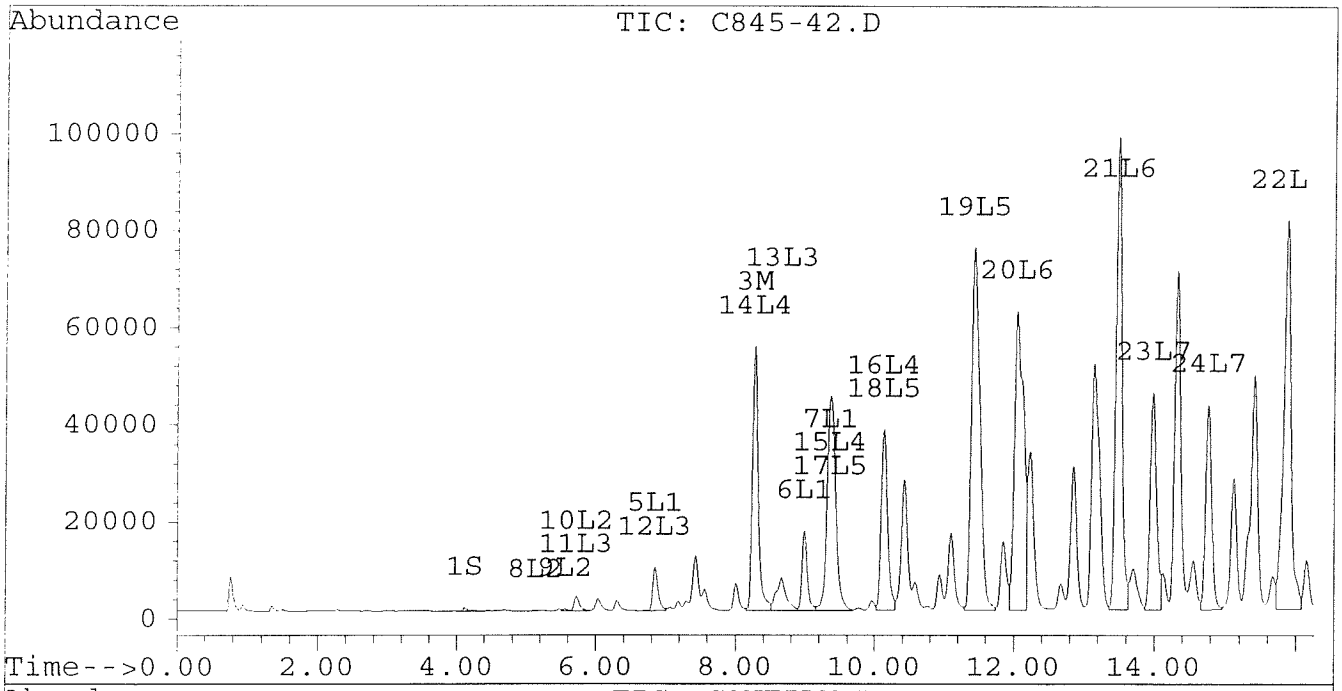
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

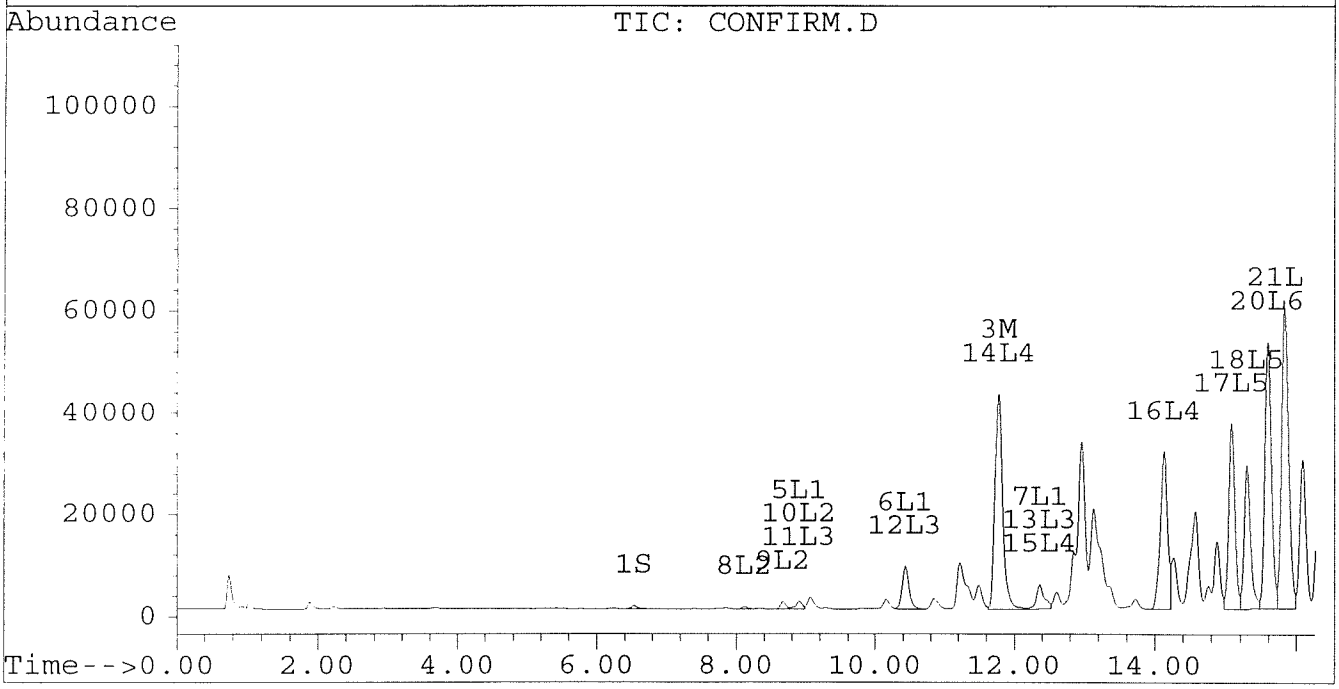
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-42.D Vial: 43
Signal #2 : D:\HPCHEM\5\AU29\C845-42.D\CONFIRM.D
Acq On : 30 Aug 96 03:04 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 15:38 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0509

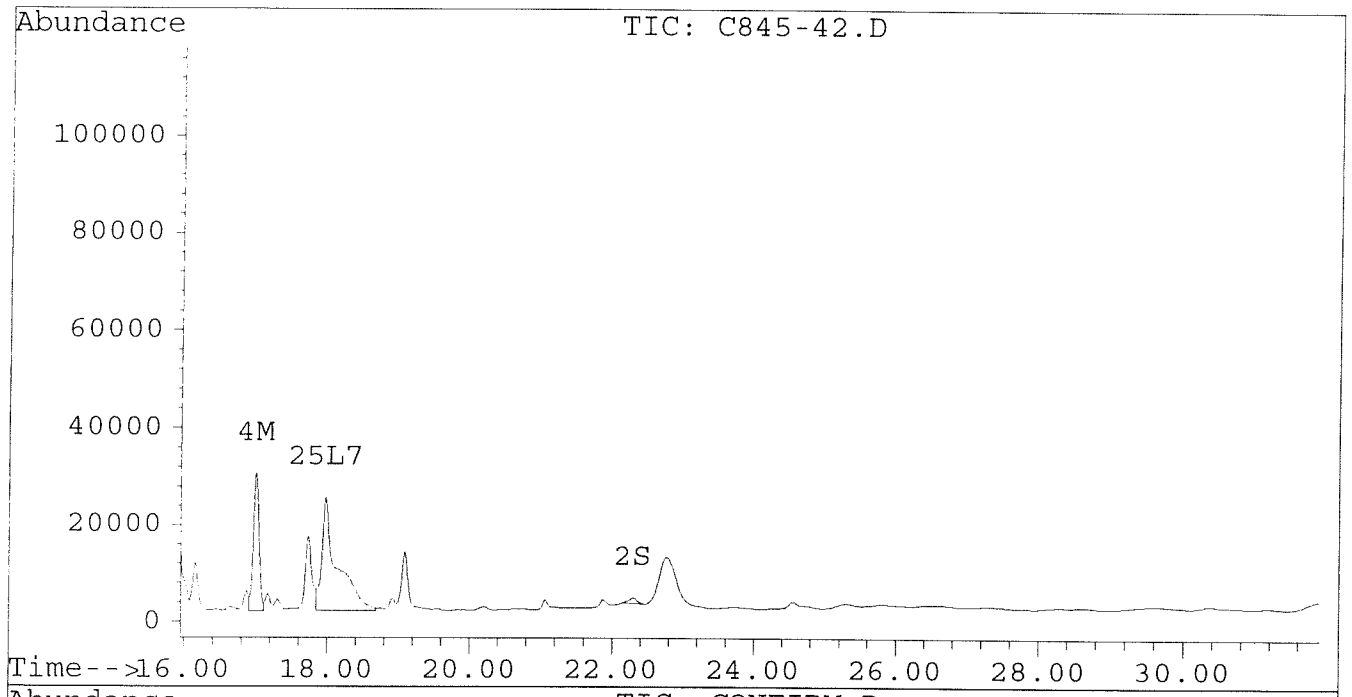
Quantitation Report

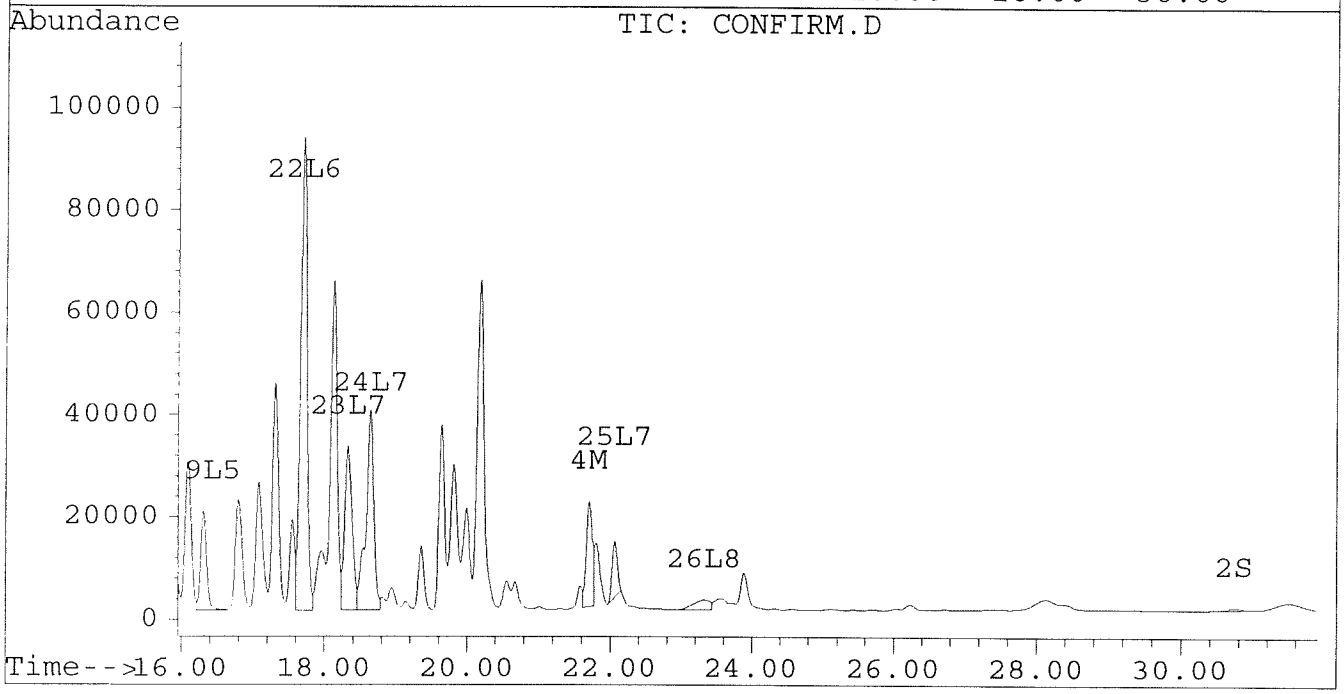
Signal #1 : D:\HPCHEM\5\AU29\C845-42.D
Signal #2 : D:\HPCHEM\5\AU29\C845-42.D\CONFIRM.D
Acq On : 30 Aug 96 03:04 PM
Sample : VHB/ PM9 1:10 DILUTION
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Aug 30 15:38 1996

Vial: 43
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0510

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-42A.D Vial: 23
Signal #2 : D:\HPCHEM\5\SE3\C845-42A.D\CONFIRM.D
Acq On : 04 Sep 96 04:49 AM Operator: JS
Sample : VHB/ PM9 1:20 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 5:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	382	326	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	22.20	30.48	222	209	0.001	0.002 #
				Recovery	=	2.50%	5.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	29593	22178	0.270	0.232
4) M	2,2',3,3',4,4'-Hexa	16.91	21.60	14044	9858	0.075	0.063
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.14	0.00	92	0	0.013	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			92	0	0.013	N.D.
	Average Aroclor-1221					0.013	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14) L4	Aroclor-1242	8.20	11.69	29593	22178	0.715	0.744
15) L4	Aroclor-1242 {2}	9.28	12.28	24923	2472	1.281	0.187 #
16) L4	Aroclor-1242 {3}	10.05	14.04	20090	16579	1.189	1.246
	Total Aroclor-1242			74605	41229	3.185	2.177
	Average Aroclor-1242					1.062	0.726
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0511

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-42A.D Vial: 23
Signal #2 : D:\HPCHEM\5\SE3\C845-42A.D\CONFIRM.D
Acq On : 04 Sep 96 04:49 AM Operator: JS
Sample : VHB/ PM9 1:20 DILUTION Inst : ECD1
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Sep 4 5:23 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	33587	28971	1.075	1.072
21) L6 Aroclor-1254 {2}	13.40	15.74	52505	32601	1.216	1.120
22) L6 Aroclor-1254 {3}	15.79	17.60	42201	49626	1.314	1.246
Total Aroclor-1254			128293	111198	3.605	3.439
Average Aroclor-1254					1.202	1.146
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83f	0.00	1095	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	5418	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	665	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1254

$$\frac{3.605 \times 10}{0.0304 \times .9 \times .666} \times 20 = 39568$$

40,000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

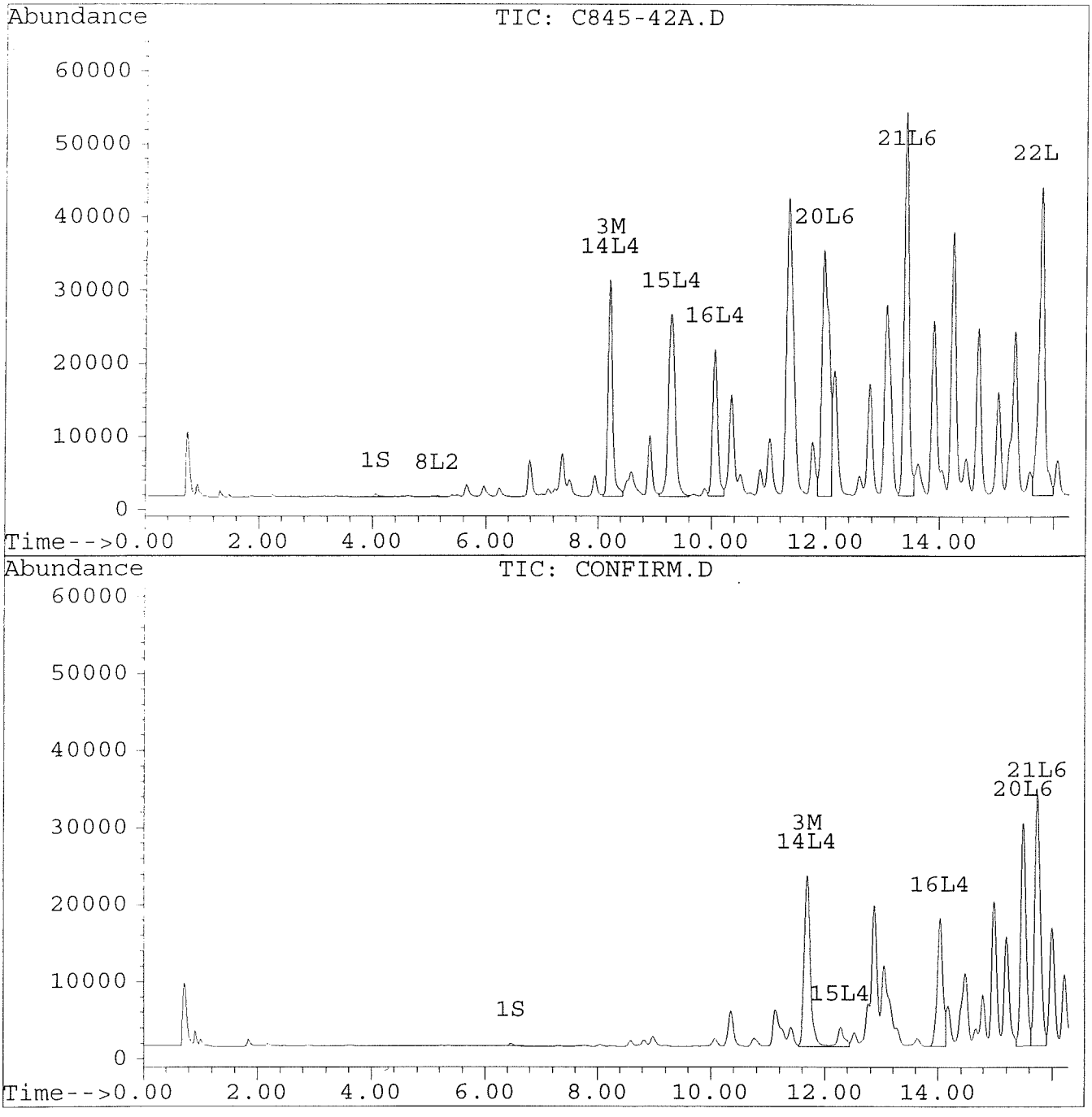
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-42A.D
Signal #2 : D:\HPCHEM\5\SE3\C845-42A.D\CONFIRM.D
Acq On : 04 Sep 96 04:49 AM
Sample : VHB/ PM9 1:20 DILUTION
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Sep 4 5:23 1996

Vial: 23
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0513

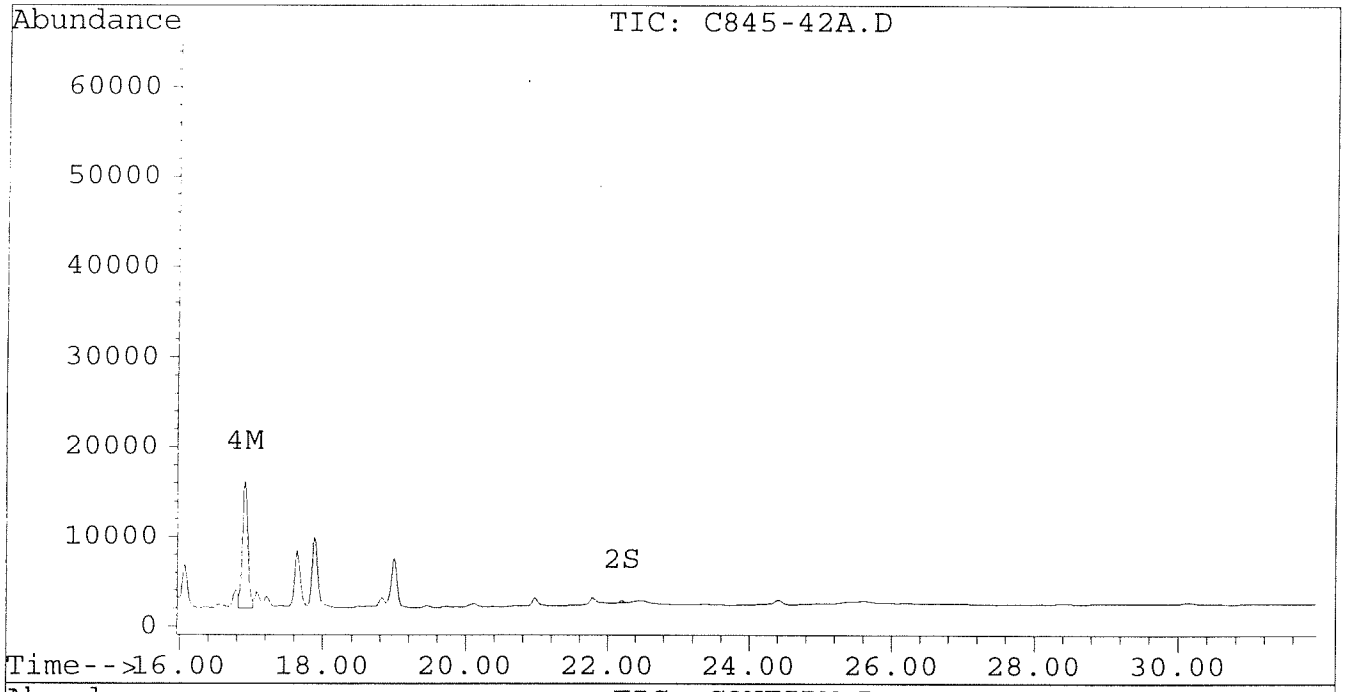
Quantitation Report

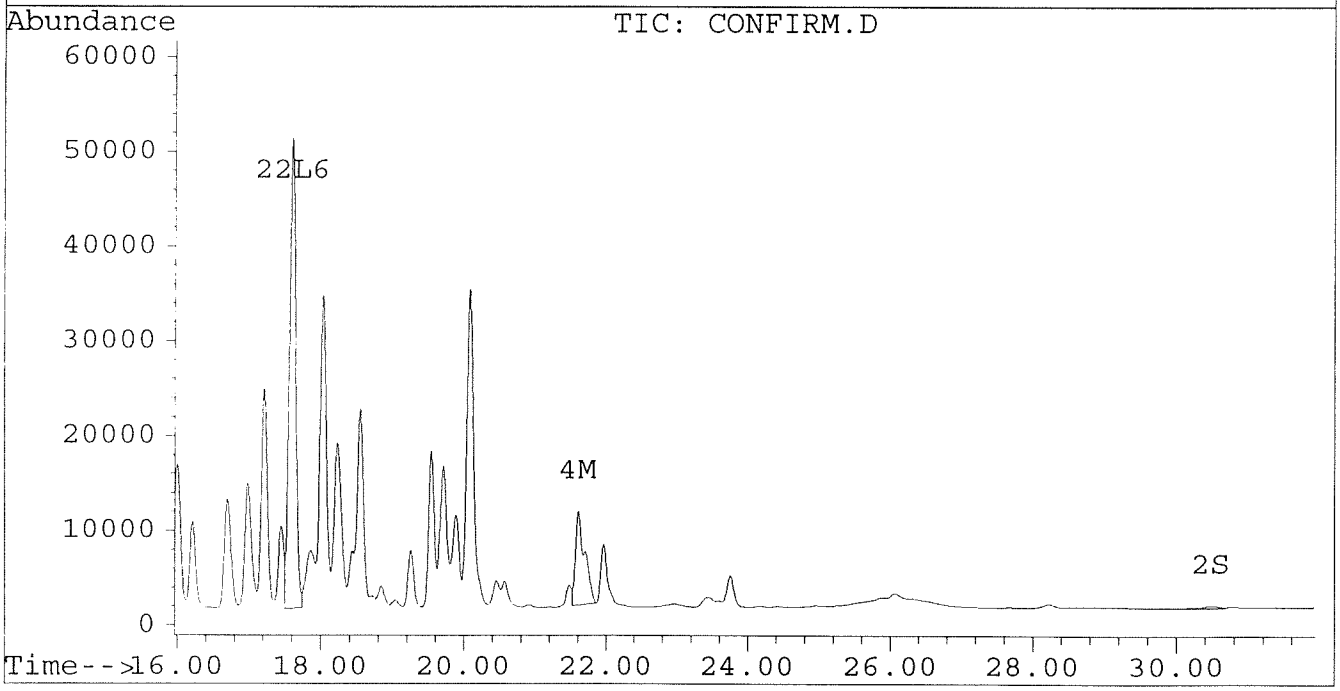
Signal #1 : D:\HPCHEM\5\SE3\C845-42A.D
Signal #2 : D:\HPCHEM\5\SE3\C845-42A.D\CONFIRM.D
Acq On : 04 Sep 96 04:49 AM
Sample : VHB/ PM9 1:20 DILUTION
Misc : 30.4G/10ML 90% SOLID PCB ANALYSIS
Quant Time: Sep 4 5:23 1996

Vial: 23
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0514

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-43.D Vial: 44
Signal #2 : D:\HPCHEM\5\AU29\C845-43.D\CONFIRM.D
Acq On : 30 Aug 96 03:39 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 16:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	798	1066	0.003	0.006	#
					Recovery	=	7.50%	15.00%	
2)	S	Decachlorobiphenyl	22.29	30.72	2852	1205	0.013	0.014	
					Recovery	=	32.50%	35.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	195192	147223	1.782	1.537	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	26629	18034	0.142	0.115	
5)	L1	Aroclor-1016	6.85	8.90	39540	7765	1.235	0.577	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	66513	36271	3.792	1.299	#
7)	L1	Aroclor-1016 {3}	9.38	12.36	97874	28493	3.775	1.651	#
	Total	Aroclor-1016			203928	72528	8.802	3.527	
	Average	Aroclor-1016					2.934	1.176	
8)	L2	Aroclor-1221	5.13	8.12	960	1150	0.137	0.188	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	1877	4643	0.322	0.952	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	15980	7765	0.791	0.506	#
	Total	Aroclor-1221			18817	13557	1.250	1.646	
	Average	Aroclor-1221					0.417	0.549	
11)	L3	Aroclor-1232	5.72	8.90	15980	7765	0.876	0.542	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	39540	36271	2.897	3.019	
13)	L3	Aroclor-1232 {3}	8.66	12.36	31087	28493	3.756	4.109	
	Total	Aroclor-1232			86608	72528	7.529	7.670	
	Average	Aroclor-1232					2.510	2.557	
14)	L4	Aroclor-1242	8.27	11.78	195192	147223	4.714	4.940	
15)	L4	Aroclor-1242 {2}	9.38	12.36	97874	28493	5.031	2.156	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	93531	74977	5.536	5.635	
	Total	Aroclor-1242			386597	250693	15.281	12.731	
	Average	Aroclor-1242					5.094	4.244	
17)	L5	Aroclor-1248	9.38	15.08	97874	63558	3.075	2.821	
18)	L5	Aroclor-1248 {2}	10.13	15.30	93531	69217	3.415	2.965	
19)	L5	Aroclor-1248 {3}	11.43	16.31	106200	49967	3.052	2.798	
	Total	Aroclor-1248			297606	182742	9.542	8.585	
	Average	Aroclor-1248					3.181	2.862	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0515

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-43.D Vial: 44
Signal #2 : D:\HPCHEM\5\AU29\C845-43.D\CONFIRM.D
Acq On : 30 Aug 96 03:39 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 16:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

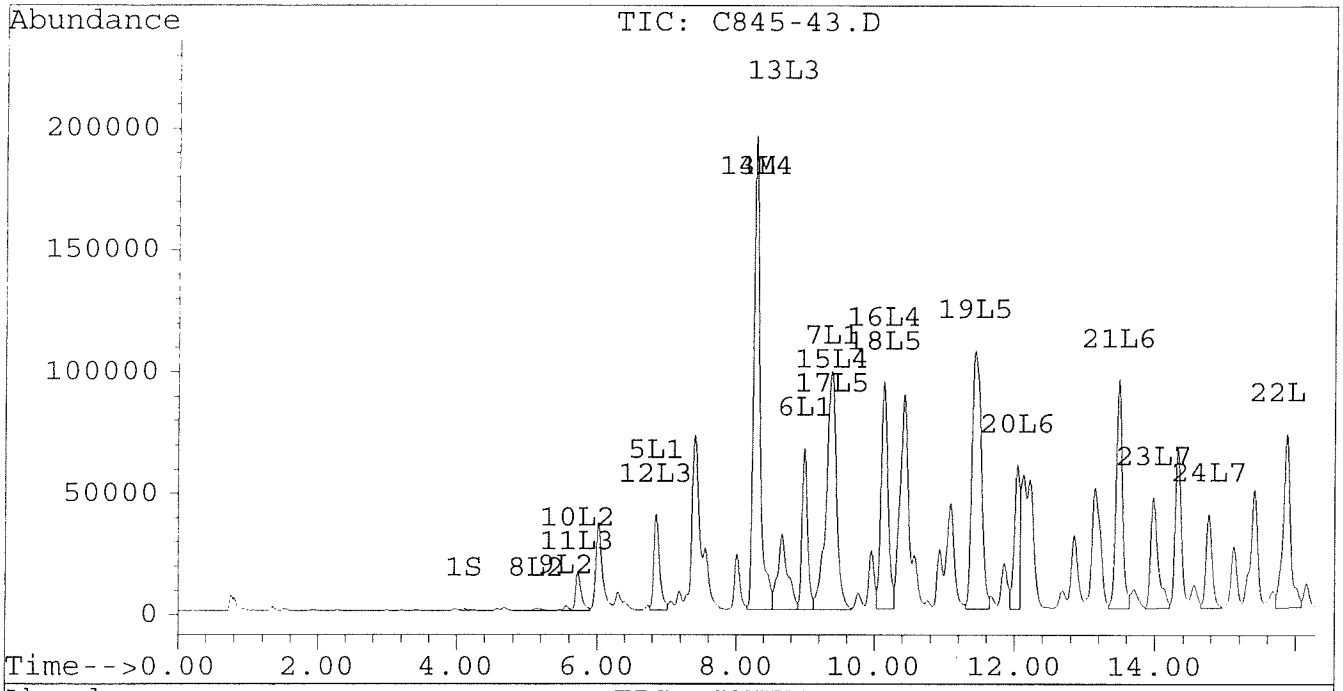
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6	Aroclor-1254	12.04	15.59	59092	56262	1.892	2.083	
21) L6	Aroclor-1254 {2}	13.48	15.83	94113	58498	2.179	2.010	
22) L6	Aroclor-1254 {3}	15.87	17.69	71677	89327	2.232	2.243	
Total	Aroclor-1254			224882	204086	6.303	6.336	
Average	Aroclor-1254					2.101	2.112	
23) L7	Aroclor-1260	13.98	18.33	45725	31062	1.318	0.971	#
24) L7	Aroclor-1260 {2}	14.76	18.64	38834	36095	0.955	1.003	
25) L7	Aroclor-1260 {3}	17.97	22.06	19420	13545	0.336	0.253	
Total	Aroclor-1260			103979	80702	2.609	2.228	
Average	Aroclor-1260					0.870	0.743	
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8	Aroclor-1268 {2}	0.00	23.54	0	7332	N.D.	NoCal	
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total	Aroclor-1268			0	0	N.D.	N.D.	
Average	Aroclor-1268					0.000	0.000	

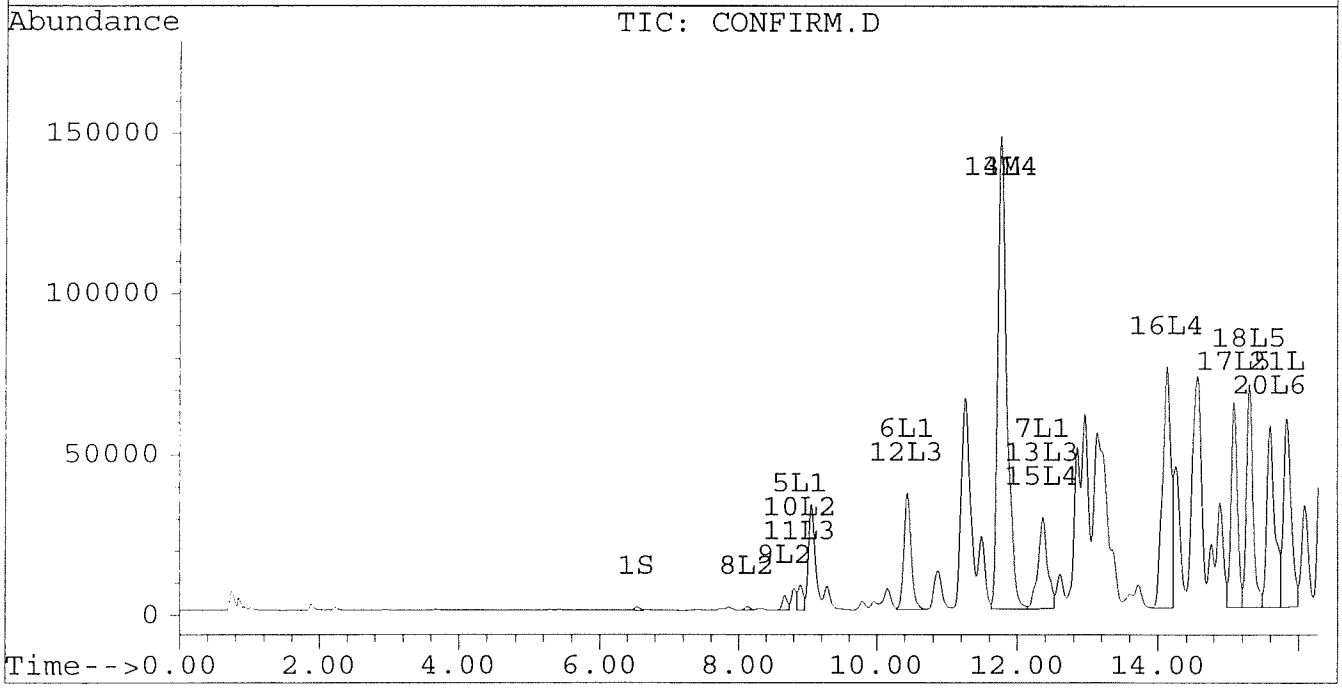
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-43.D Vial: 44
Signal #2 : D:\HPCHEM\5\AU29\C845-43.D\CONFIRM.D
Acq On : 30 Aug 96 03:39 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 16:13 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0517

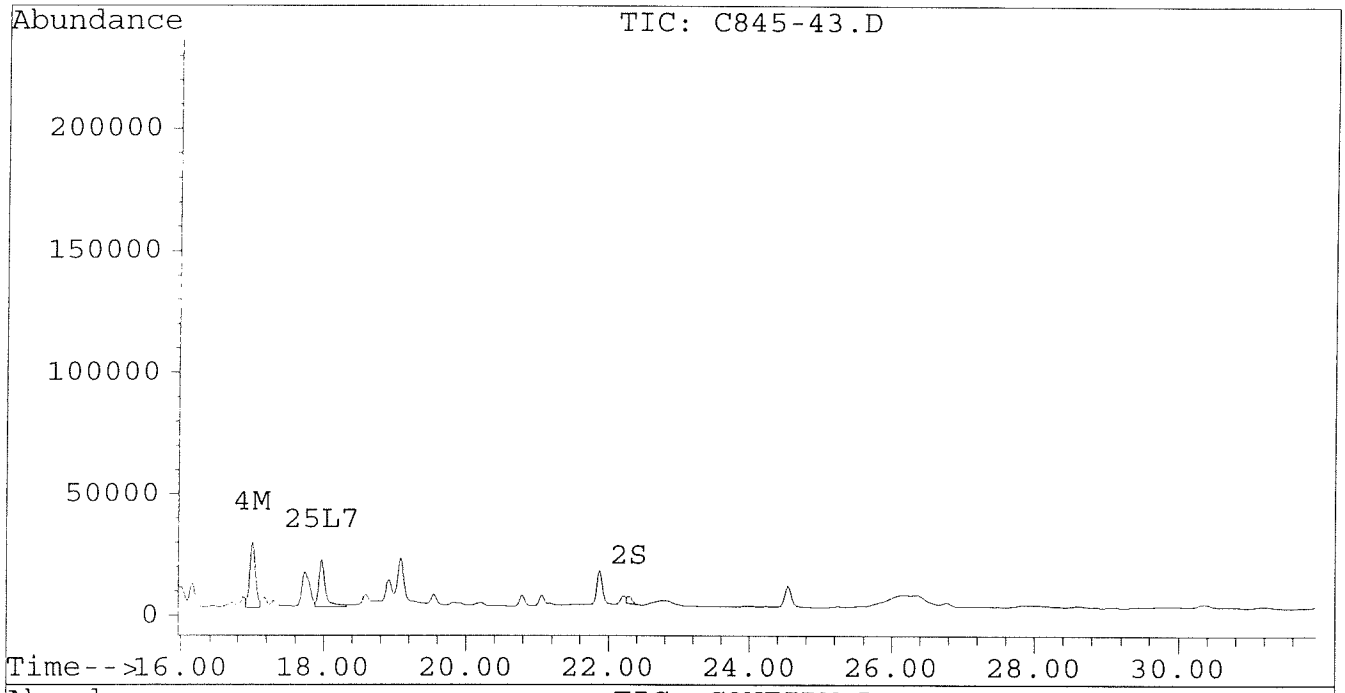
Quantitation Report

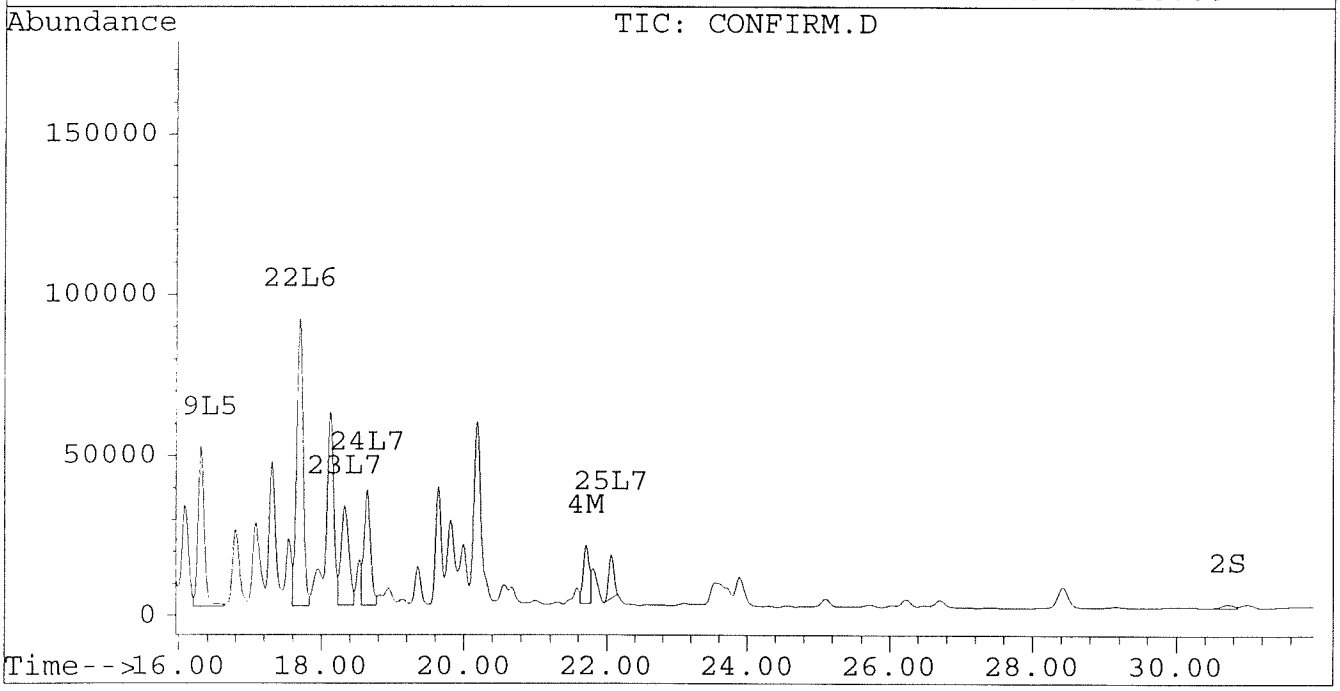
Signal #1 : D:\HPCHEM\5\AU29\C845-43.D
Signal #2 : D:\HPCHEM\5\AU29\C845-43.D\CONFIRM.D
Acq On : 30 Aug 96 03:39 PM
Sample : VHB/ PM9 1:10 DILUTION
Misc : 30.4G/10ML 82% SOLID PCB ANALYSIS
Quant Time: Aug 30 16:13 1996

Vial: 44
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-43D.D Vial: 43
Signal #2 : D:\HPCHEM\5\SE3\C845-43D.D\CONFIRM.D
Acq On : 04 Sep 96 06:26 PM Operator: JS
Sample : VHB / PN7 1:50 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82% SOLID Multiplr: 1.00
Quant Time: Sep 4 19:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.46	194	264	0.001	0.001 #
					Recovery	=	2.50%	2.50%
2)	S	Decachlorobiphenyl	22.20	30.48	482	429	0.002	0.005 #
					Recovery	=	5.00%	12.50%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.69	54833	39513	0.501	0.413
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.60	6050	3803	0.032	0.024 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1016			0	0	N.D.	N.D.
	Average	Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			0	0	N.D.	N.D.
	Average	Aroclor-1221					0.000	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.70	0.00	3357	0	0.405	N.D. #
	Total	Aroclor-1232			3357	0	0.405	N.D.
	Average	Aroclor-1232					0.405	0.000
14)	L4	Aroclor-1242	8.20	11.69	54833	39513	1.324	1.326
15)	L4	Aroclor-1242 {2}	9.30	12.27	28559	7309	1.468	0.553 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	26151	20728	1.548	1.558
	Total	Aroclor-1242			109542	67549	4.340	3.437
	Average	Aroclor-1242					1.447	1.146
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
	Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0519

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-43D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-43D.D\CONFIRM.D
Acq On : 04 Sep 96 06:26 PM
Sample : VHB / PN7 1:50 DILUTION
Misc : 30.4G/10ML 82% SOLID
Quant Time: Sep 4 19:00 1996

Vial: 43
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	16543	15486	0.530	0.573
21) L6 Aroclor-1254 {2}	13.40	15.74	24806	16131	0.574	0.554
22) L6 Aroclor-1254 {3}	15.78	17.60	17955	23718	0.559	0.596
Total Aroclor-1254			59303	55336	1.663	1.723
Average Aroclor-1254					0.554	0.574
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	2057	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	3799	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78f	0.00	3046	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.792 \quad X10}{0.0304 \times .82 \times .666} \times 50 = 84084$

84000

AR1254

$\frac{1.133 \quad X10}{0.0304 \times .82 \times .666} \times 50 = 34122$

34000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

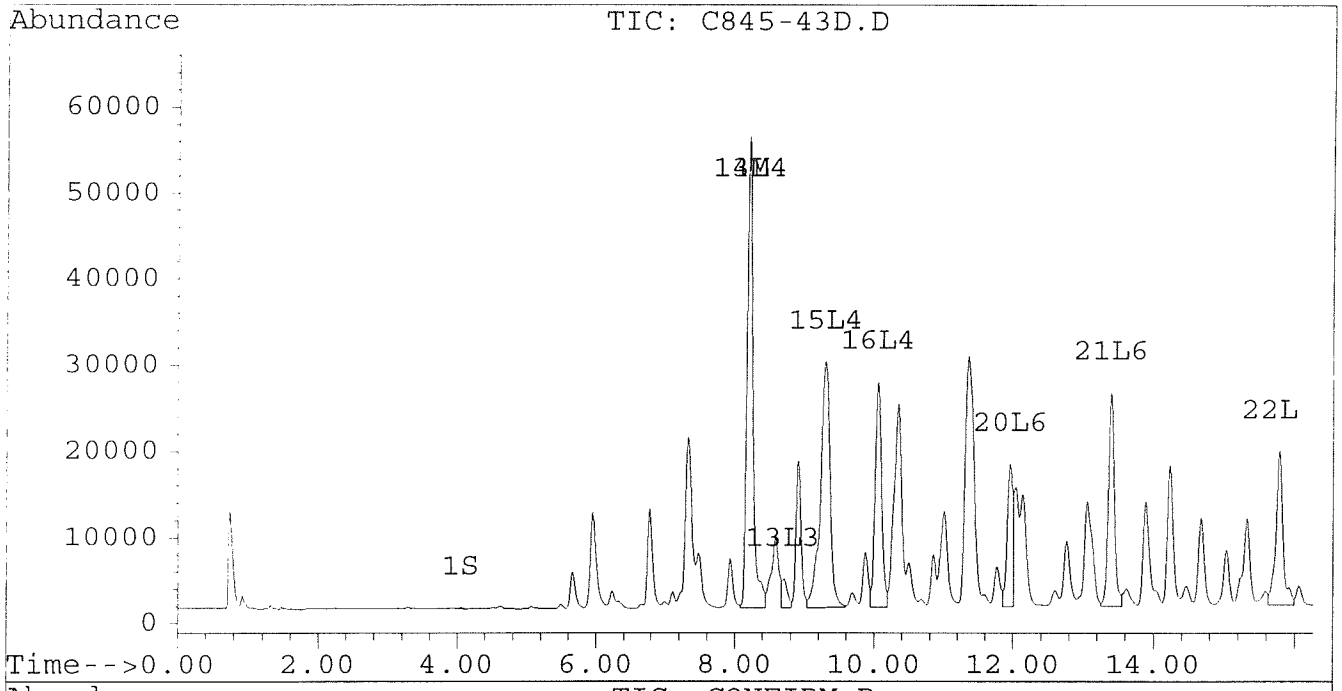
0520

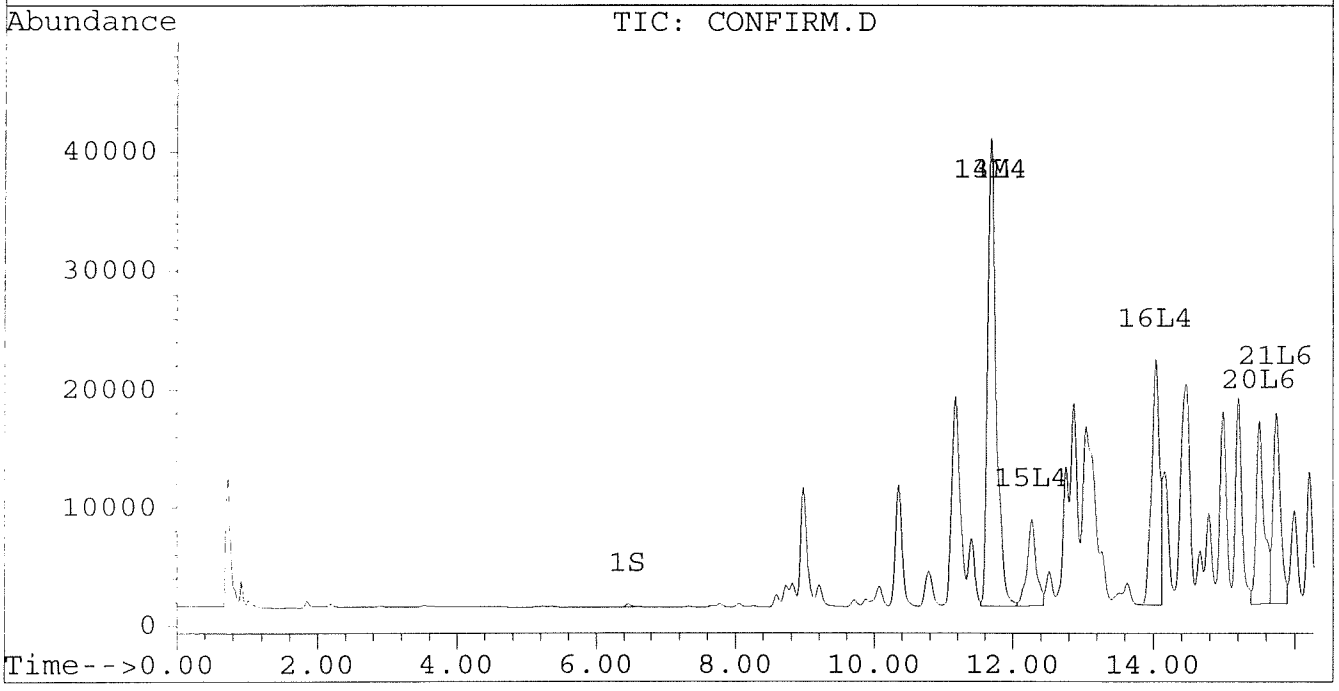
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-43D.D Vial: 43
Signal #2 : D:\HPCHEM\5\SE3\C845-43D.D\CONFIRM.D
Acq On : 04 Sep 96 06:26 PM Operator: JS
Sample : VHB / PN7 1:50 DILUTION Inst : ECD1
Misc : 30.4G/10ML 82% SOLID Multiplr: 1.00
Quant Time: Sep 4 19:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





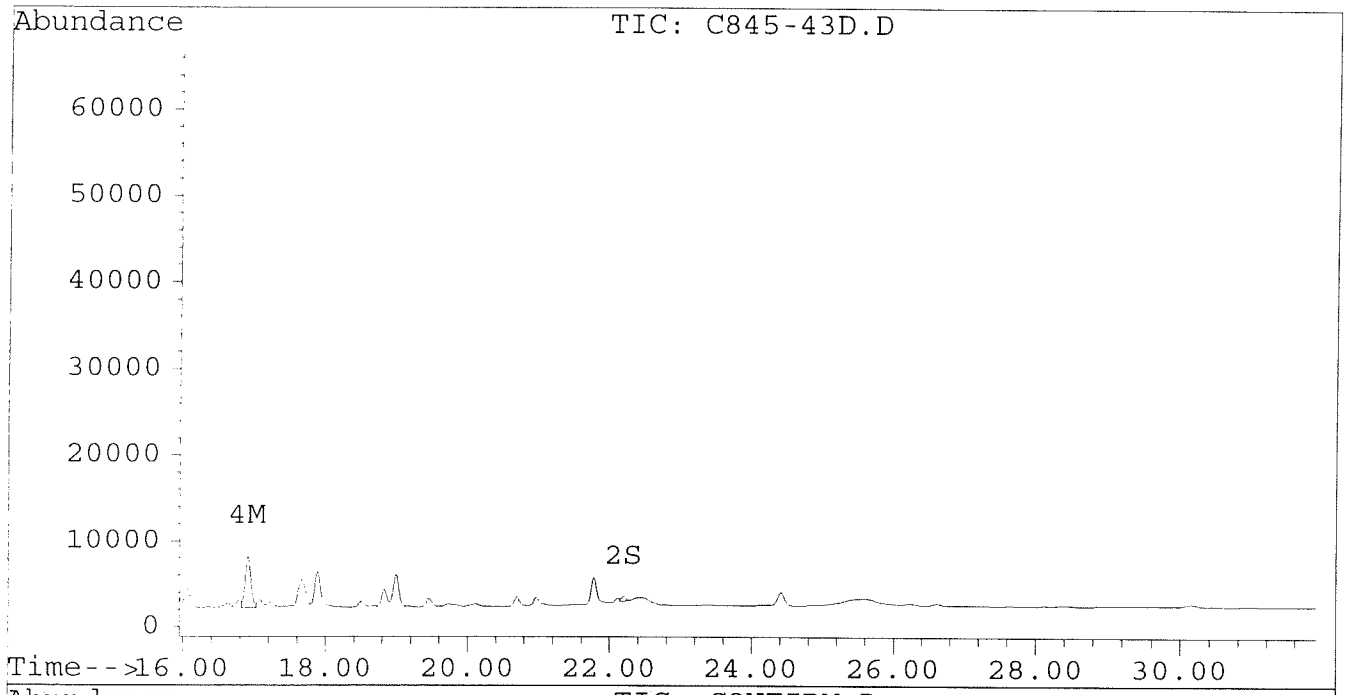
Quantitation Report

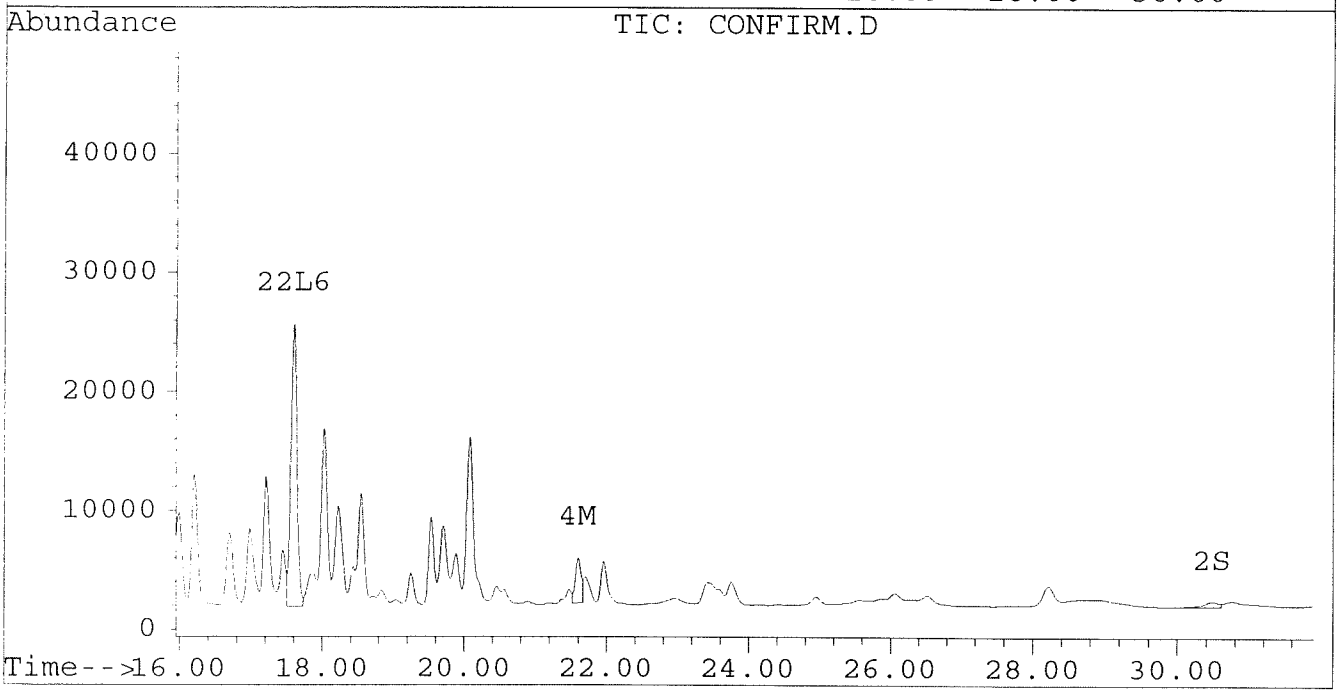
Signal #1 : D:\HPCHEM\5\SE3\C845-43D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-43D.D\CONFIRM.D
Acq On : 04 Sep 96 06:26 PM
Sample : VHB / PN7 1:50 DILUTION
Misc : 30.4G/10ML 82% SOLID
Quant Time: Sep 4 19:00 1996

Vial: 43
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-44.D Vial: 45
Signal #2 : D:\HPCHEM\5\AU29\C845-44.D\CONFIRM.D
Acq On : 30 Aug 96 04:15 PM Operator: JS
Sample : VHB/PMS 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 16:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	746	684	0.003	0.004	
					Recovery	=	7.50%	10.00%	
2)	S	Decachlorobiphenyl	22.29	30.75	1028	339	0.005	0.004	
					Recovery	=	12.50%	10.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	63154	46468	0.577	0.485	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	9148	5904	0.049	0.038	
5)	L1	Aroclor-1016	6.85	8.90	13477	2088	0.421	0.155	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	19070	12225	1.087	0.438	#
7)	L1	Aroclor-1016 {3}	9.37	12.36	34707	8032	1.339	0.465	#
	Total	Aroclor-1016			67254	22345	2.847	1.058	
	Average	Aroclor-1016					0.949	0.353	
8)	L2	Aroclor-1221	5.13	8.12	221	488	0.032	0.080	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	504	1864	0.086	0.382	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	4790	2088	0.237	0.136	#
	Total	Aroclor-1221			5516	4440	0.355	0.598	
	Average	Aroclor-1221					0.118	0.199	
11)	L3	Aroclor-1232	5.72	8.90	4790	2088	0.263	0.146	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	13477	12225	0.987	1.018	
13)	L3	Aroclor-1232 {3}	8.66	12.36	9009	8032	1.088	1.158	
	Total	Aroclor-1232			27276	22345	2.338	2.322	
	Average	Aroclor-1232					0.779	0.774	
14)	L4	Aroclor-1242	8.27	11.78	63154	46468	1.525	1.559	
15)	L4	Aroclor-1242 {2}	9.37	12.36	34707	8032	1.784	0.608	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	32012	25272	1.895	1.899	
	Total	Aroclor-1242			129873	79772	5.204	4.066	
	Average	Aroclor-1242					1.735	1.355	
17)	L5	Aroclor-1248	9.37	15.08	34707	21658	1.091	0.961	
18)	L5	Aroclor-1248 {2}	10.13	15.30	32012	22708	1.169	0.973	
19)	L5	Aroclor-1248 {3}	11.43	16.31	39269	14488	1.129	0.811	#
	Total	Aroclor-1248			105988	58854	3.388	2.746	
	Average	Aroclor-1248					1.129	0.915	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-44.D Vial: 45
Signal #2 : D:\HPCHEM\5\AU29\C845-44.D\CONFIRM.D
Acq On : 30 Aug 96 04:15 PM Operator: JS
Sample : VHB/ PM9 @ 10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 16:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	23965	22239	0.767	0.823
21) L6 Aroclor-1254 {2}	13.48	15.83	37659	23450	0.872	0.806
22) L6 Aroclor-1254 {3}	15.87	17.69	27478	34510	0.856	0.866
Total Aroclor-1254			89101	80199	2.495	2.496
Average Aroclor-1254					0.832	0.832
23) L7 Aroclor-1260	13.98	18.33	17658	12217	0.509	0.382
24) L7 Aroclor-1260 {2}	14.76	18.64	15346	13653	0.377	0.380
25) L7 Aroclor-1260 {3}	17.97	22.06	7613	4575	0.132	0.086 #
Total Aroclor-1260			40617	30445	1.018	0.847
Average Aroclor-1260					0.339	0.282
26) L8 Aroclor-1268	0.00	23.32	0	2227	N.D.	0.518 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.14f	0	553	N.D.	NoCal
Total Aroclor-1268			0	2227	N.D.	0.518
Average Aroclor-1268					0.000	0.518

AR1254

$\frac{1.729 \times 10}{0.0303 \times .91 \times .666} \times 10 = 9409$

9400

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0524

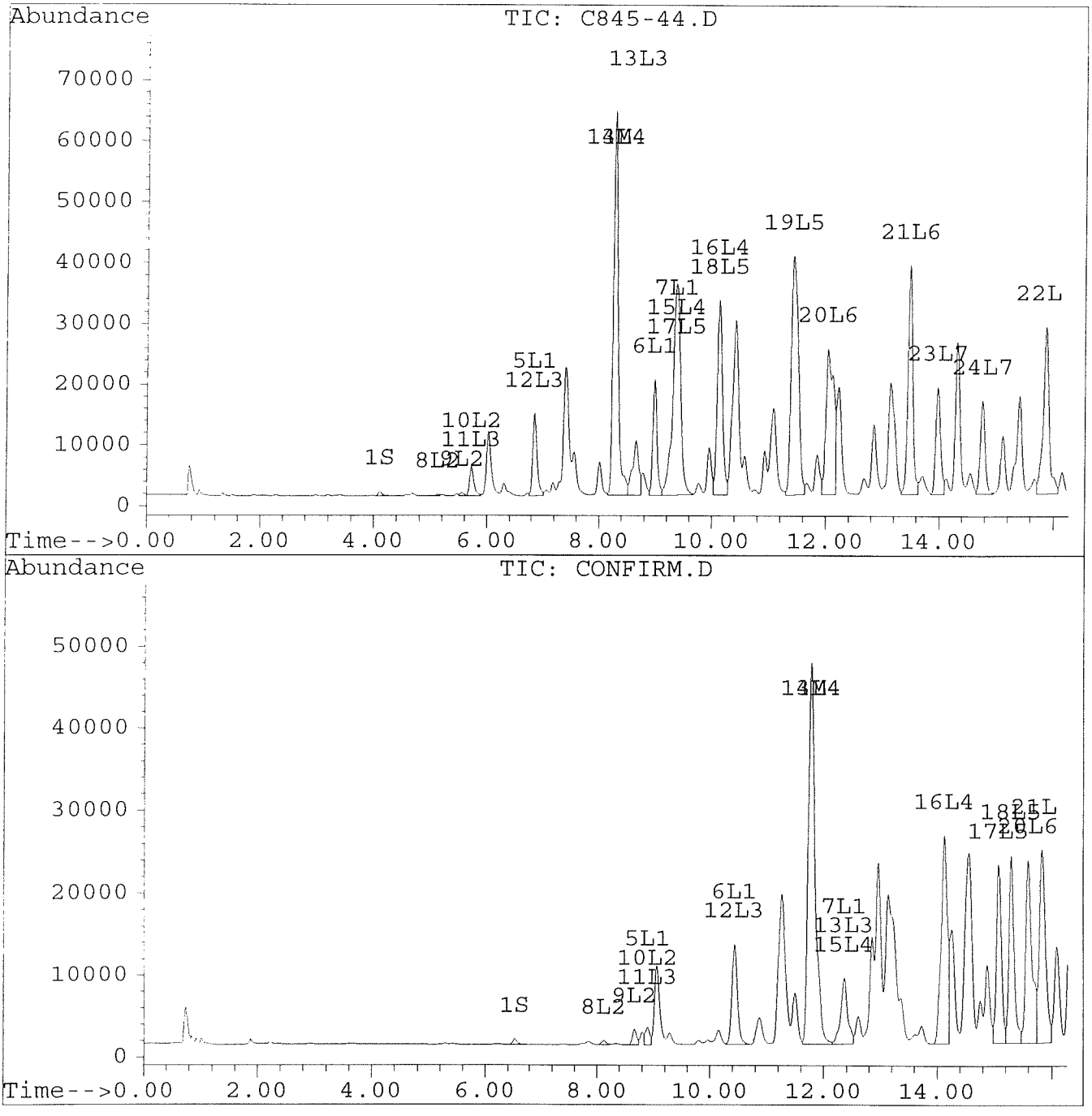
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-44.D
Signal #2 : D:\HPCHEM\5\AU29\C845-44.D\CONFIRM.D
Acq On : 30 Aug 96 04:15 PM
Sample : VHB/ PM9 1:10 DILUTION
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS
Quant Time: Aug 30 16:49 1996

Vial: 45
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

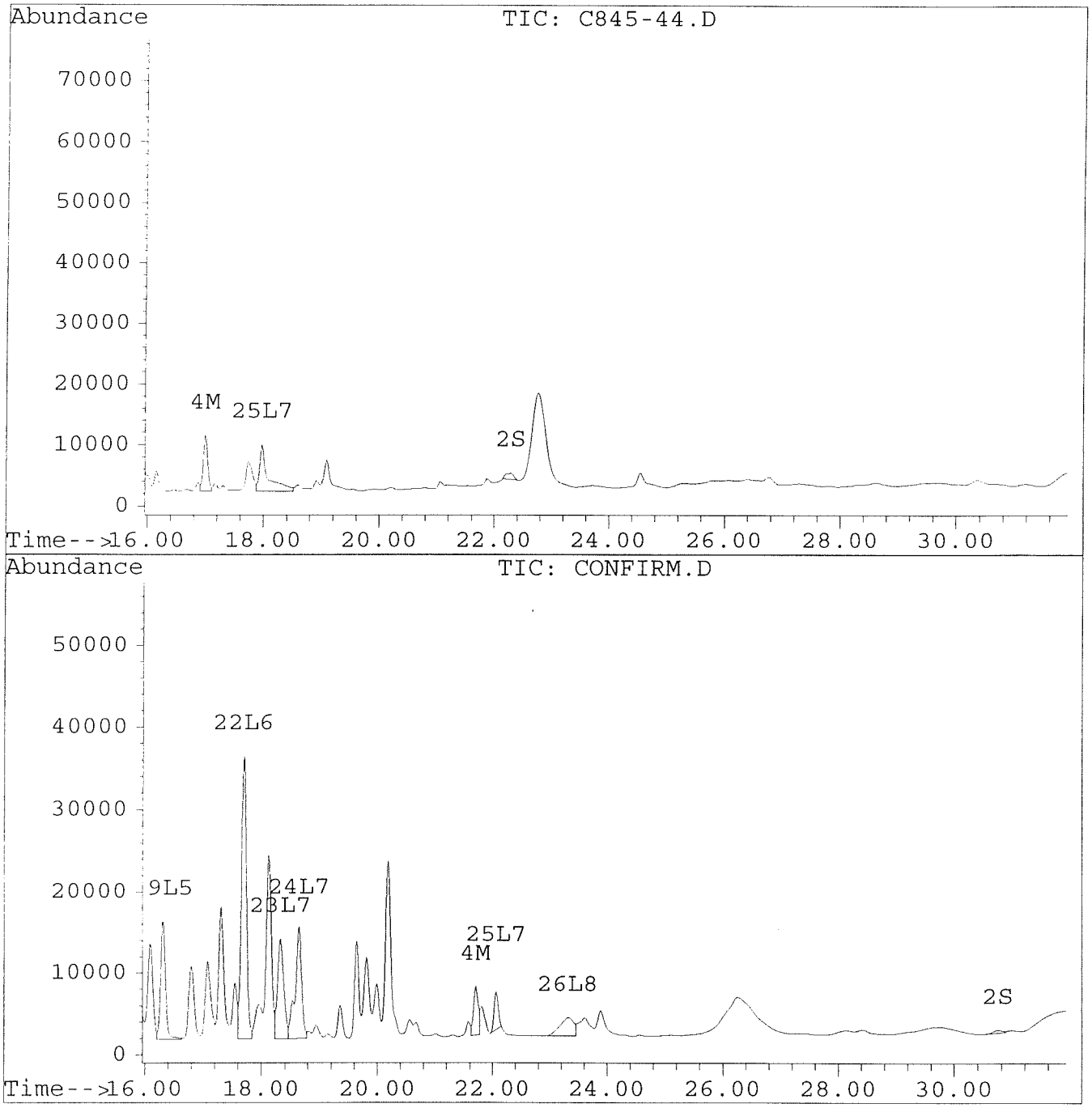


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-44.D Vial: 45
Signal #2 : D:\HPCHEM\5\AU29\C845-44.D\CONFIRM.D
Acq On : 30 Aug 96 04:15 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 16:49 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0526

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-44D.D Vial: 44
Signal #2 : D:\HPCHEM\5\SE3\C845-44D.D\CONFIRM.D
Acq On : 04 Sep 96 07:02 PM Operator: JS
Sample : VHB / PN 1:20 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 4 19:35 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	400	365	0.002	0.002
				Recovery	=	5.00%	5.00%
2) S	Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
				Recovery	=	0.00%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	35052	25168	0.320	0.263
4) M	2,2',3,3',4,4'-Hexa	16.90	21.60	4722	3071	0.025	0.020
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.13	0.00	95	0	0.014	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			95	0	0.014	N.D.
Average	Aroclor-1221					0.014	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.70	0.00	2039	0	0.246	N.D. #
Total	Aroclor-1232			2039	0	0.246	N.D.
Average	Aroclor-1232					0.246	0.000
14) L4	Aroclor-1242	8.20	11.69	35052	25168	0.847	0.844
15) L4	Aroclor-1242 {2}	9.29	12.27	20038	4304	1.030	0.326 #
16) L4	Aroclor-1242 {3}	10.05	14.04	17816	14001	1.054	1.052
Total	Aroclor-1242			72906	43473	2.931	2.222
Average	Aroclor-1242					0.977	0.741
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-44D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-44D.D\CONFIRM.D
Acq On : 04 Sep 96 3 07:02 PM 93
Sample : VHB / PN7 1:20 DILUTION
Misc : 30.3G/10ML 91% SOLID
Quant Time: Sep 4 19:35 1996

Vial: 44
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.95	15.50	13706	12593	0.439	0.466
21) L6 Aroclor-1254 {2}	13.39	15.74	20474	13225	0.474	0.455
22) L6 Aroclor-1254 {3}	15.78	17.59	14479	19177	0.451	0.481
Total Aroclor-1254			48659	44994	1.364	1.402
Average Aroclor-1254					0.455	0.467
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	718	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	23.47f	2233	1126	NoCal	NoCal
28) L8 Aroclor-1268 {3}	21.78f	0.00	446	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

~~0.847~~

$\frac{1.877 \times 10}{0.0303 \times .91 \times .666} \times 20 = 36,442$

20000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0528

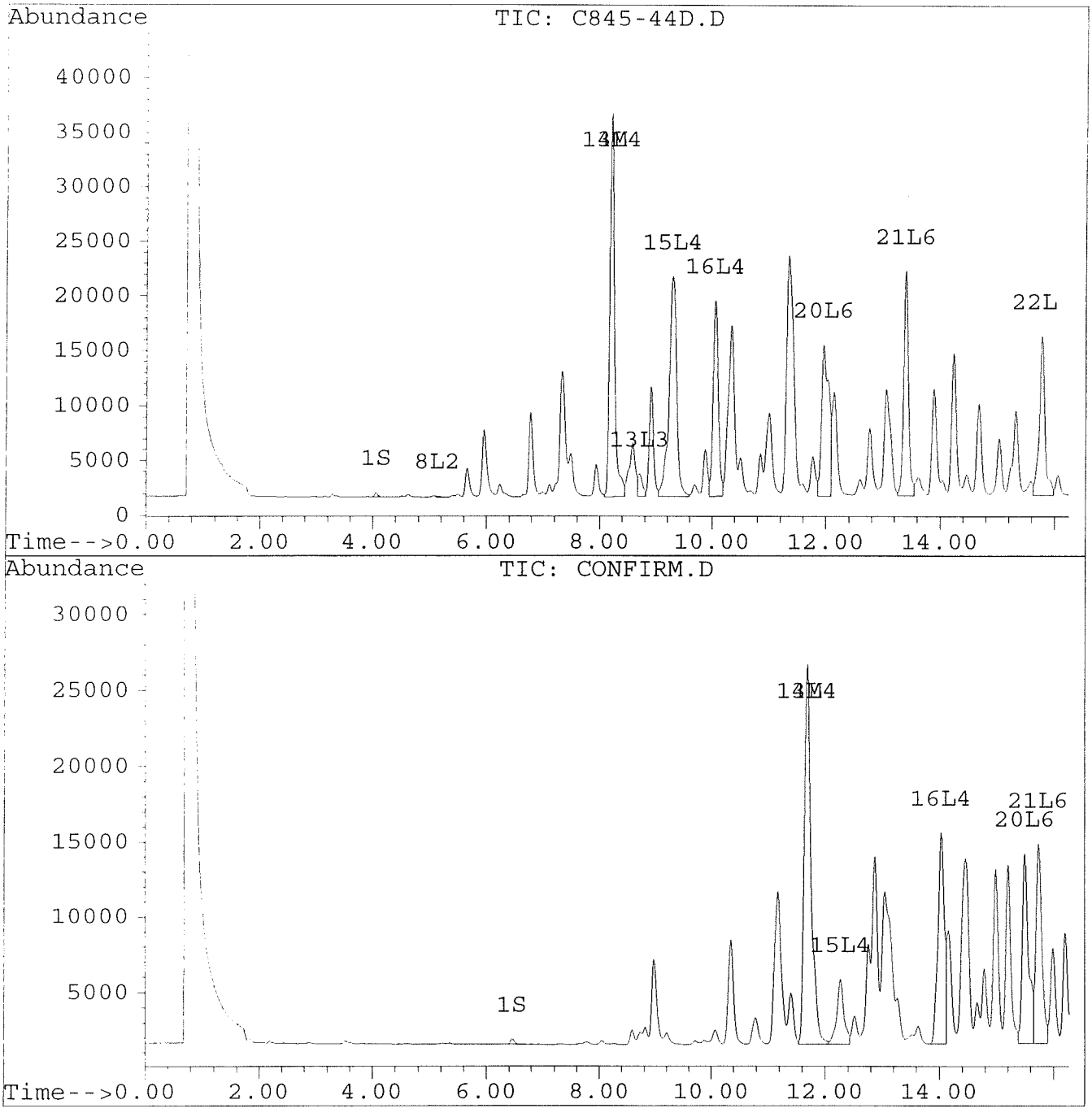
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-44D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-44D.D\CONFIRM.D
Acq On : 04 Sep 96 07:02 PM
Sample : VHB / PN 1:20 DILUTION
Misc : 30.3G/10ML 91% SOLID
Quant Time: Sep 4 19:35 1996

Vial: 44
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



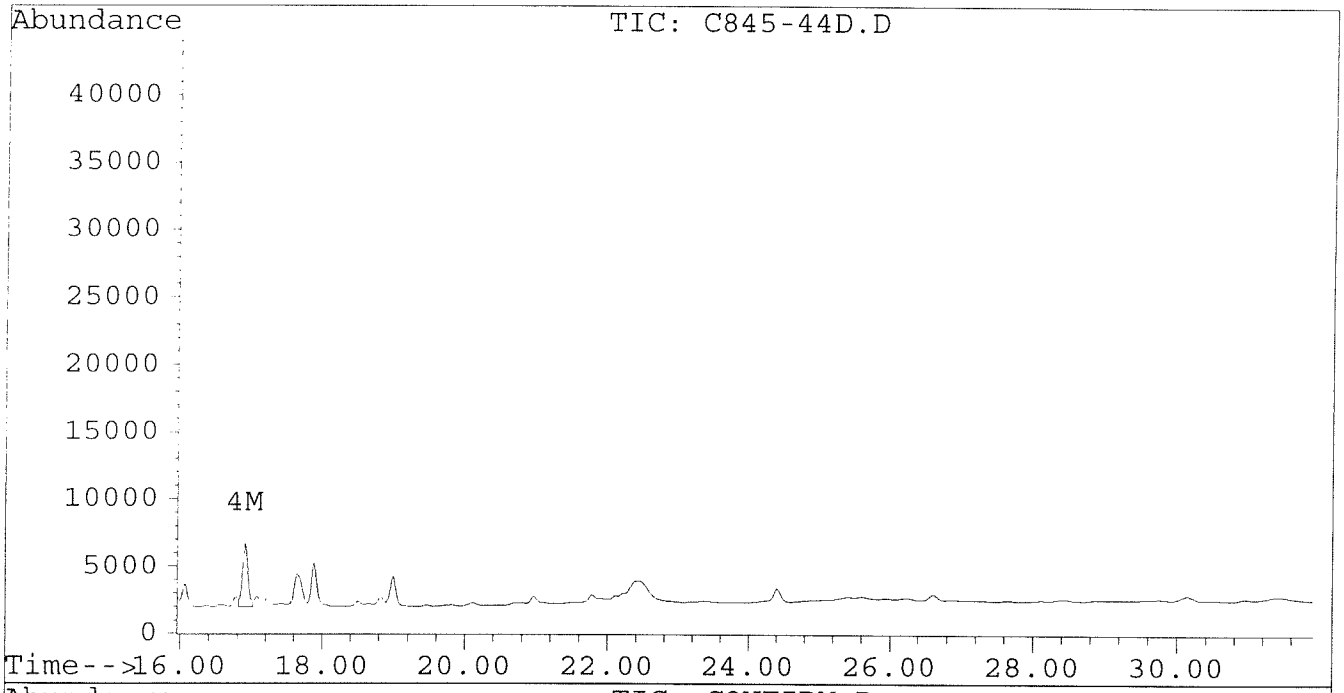
Quantitation Report

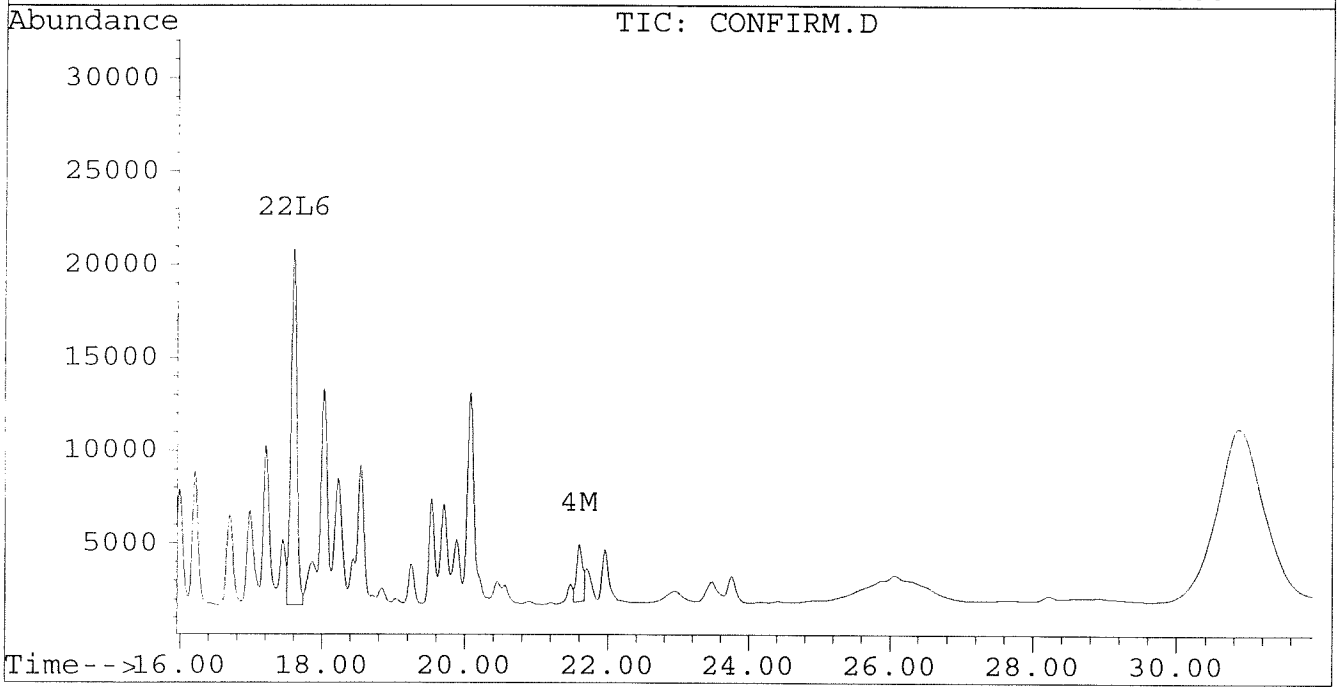
Signal #1 : D:\HPCHEM\5\SE3\C845-44D.D
Signal #2 : D:\HPCHEM\5\SE3\C845-44D.D\CONFIRM.D
Acq On : 04 Sep 96 07:02 PM
Sample : VHB / PN7 1:20 DILUTION
Misc : 30.3G/10ML 91% SOLID
Quant Time: Sep 4 19:35 1996

Vial: 44
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0530

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-45.D Vial: 46
Signal #2 : D:\HPCHEM\5\AU29\C845-45.D\CONFIRM.D
Acq On : 30 Aug 96 04:51 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 17:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	766	671	0.003	0.004
				Recovery	=	7.50%	10.00%
2) S	Decachlorobiphenyl	22.30	30.73	941	272	0.004	0.003 #
				Recovery	=	10.00%	7.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.78	29095	18486	0.266	0.193 #
4) M	2,2',3,3',4,4'-Hexa	16.99	21.70	5078	2817	0.027	0.018 #
5) L1	Aroclor-1016	6.85	8.90	6315	1399	0.197	0.104 #
6) L1	Aroclor-1016 {2}	8.99	10.43	7005	5611	0.399	0.201 #
7) L1	Aroclor-1016 {3}	9.37	12.35	17199	4632	0.663	0.268 #
	Total Aroclor-1016			30519	11641	1.260	0.573
	Average Aroclor-1016					0.420	0.191
8) L2	Aroclor-1221	5.13	8.12	132	587	0.019	0.096 #
9) L2	Aroclor-1221 {2}	5.56	8.67	309	836	0.053	0.171 #
10) L2	Aroclor-1221 {3}	5.73	8.90	3206	1399	0.159	0.091 #
	Total Aroclor-1221			3647	2822	0.230	0.358
	Average Aroclor-1221					0.077	0.119
11) L3	Aroclor-1232	5.73	8.90	3206	1399	0.176	0.098 #
12) L3	Aroclor-1232 {2}	6.85	10.43	6315	5611	0.463	0.467
13) L3	Aroclor-1232 {3}	8.66	12.35	3876	4632	0.468	0.668 #
	Total Aroclor-1232			13397	11641	1.107	1.233
	Average Aroclor-1232					0.369	0.411
14) L4	Aroclor-1242	8.28	11.78	29095	18486	0.703	0.620
15) L4	Aroclor-1242 {2}	9.37	12.35	17199	4632	0.884	0.351 #
16) L4	Aroclor-1242 {3}	10.13	14.13	15027	11826	0.889	0.889
	Total Aroclor-1242			61322	34945	2.476	1.860
	Average Aroclor-1242					0.825	0.620
17) L5	Aroclor-1248	9.37	15.08	17199	8792	0.540	0.390 #
18) L5	Aroclor-1248 {2}	10.13	15.30	15027	8940	0.549	0.383 #
19) L5	Aroclor-1248 {3}	11.43	16.31	17570	5382	0.505	0.301 #
	Total Aroclor-1248			49796	23114	1.594	1.075
	Average Aroclor-1248					0.531	0.358

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0531

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-45.D Vial: 46
Signal #2 : D:\HPCHEM\5\AU29\C845-45.D\CONFIRM.D
Acq On : 30 Aug 96 04:51 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 17:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	12554	10887	0.402	0.403
21) L6 Aroclor-1254 {2}	13.48	15.83	18910	11842	0.438	0.407
22) L6 Aroclor-1254 {3}	15.87	17.69	14091	17059	0.439	0.428
Total Aroclor-1254			45555	39787	1.279	1.238
Average Aroclor-1254					0.426	0.413
23) L7 Aroclor-1260	13.98	18.32	9227	6916	0.266	0.216
24) L7 Aroclor-1260 {2}	14.76	18.64	8584	7303	0.211	0.203
25) L7 Aroclor-1260 {3}	17.97	22.06	4642	2114	0.080	0.040 #
Total Aroclor-1260			22453	16333	0.557	0.459
Average Aroclor-1260					0.186	0.153
26) L8 Aroclor-1268	0.00	23.34f	0	661	N.D.	0.154 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	661	N.D.	0.154
Average Aroclor-1268					0.000	0.154

AR1242

$$\frac{1.587 \times 10}{0.030 \times .88 \times .666} \times 10 = 9026$$

AR1254

$$\frac{0.877 \times 10}{0.03 \times .88 \times .666} \times 10 = 4987$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

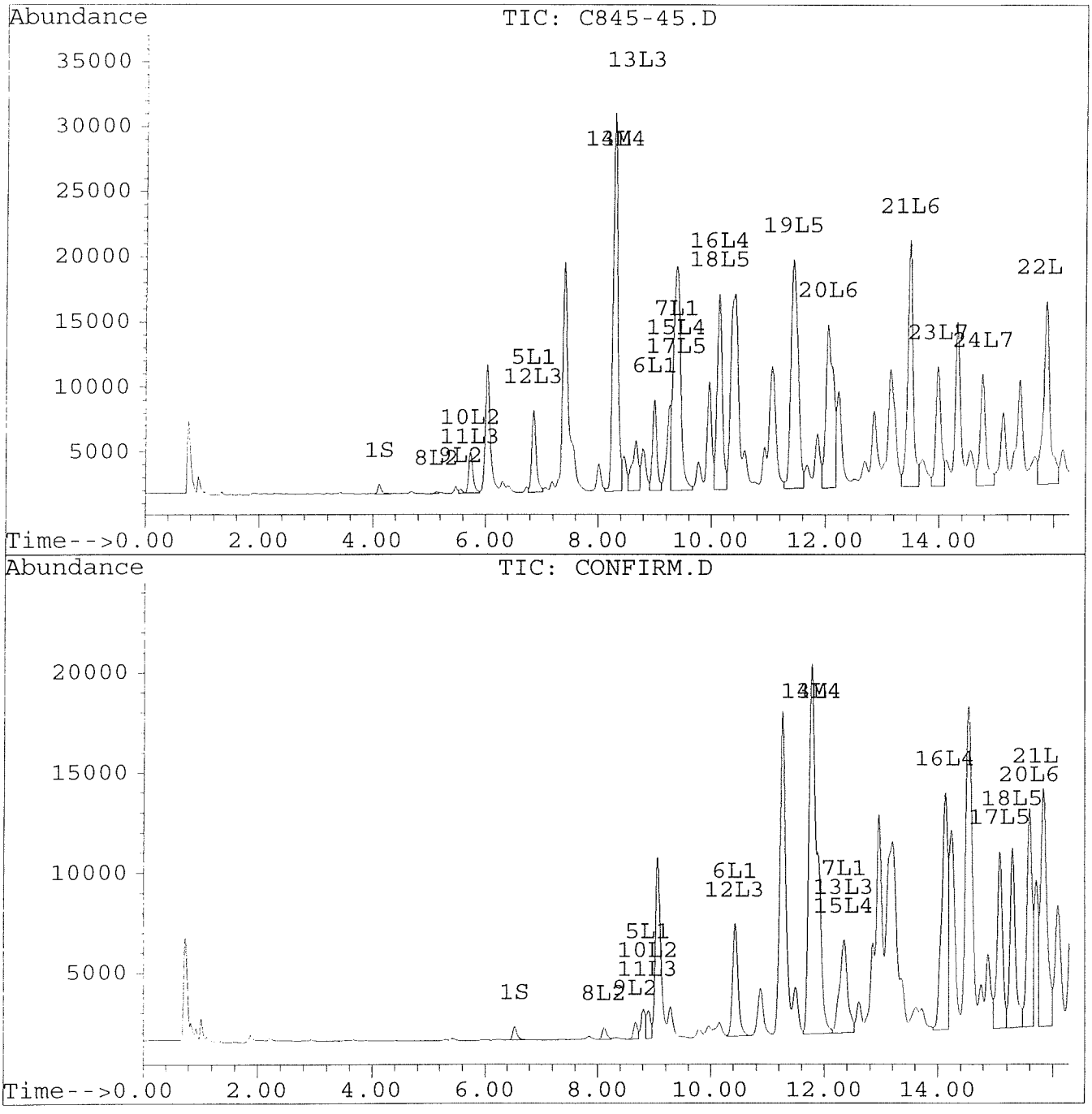
0532

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-45.D Vial: 46
Signal #2 : D:\HPCHEM\5\AU29\C845-45.D\CONFIRM.D
Acq On : 30 Aug 96 04:51 PM Operator: JS
Sample : VHB/ PM9 1:10 DILUTION Inst : ECD1
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 17:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



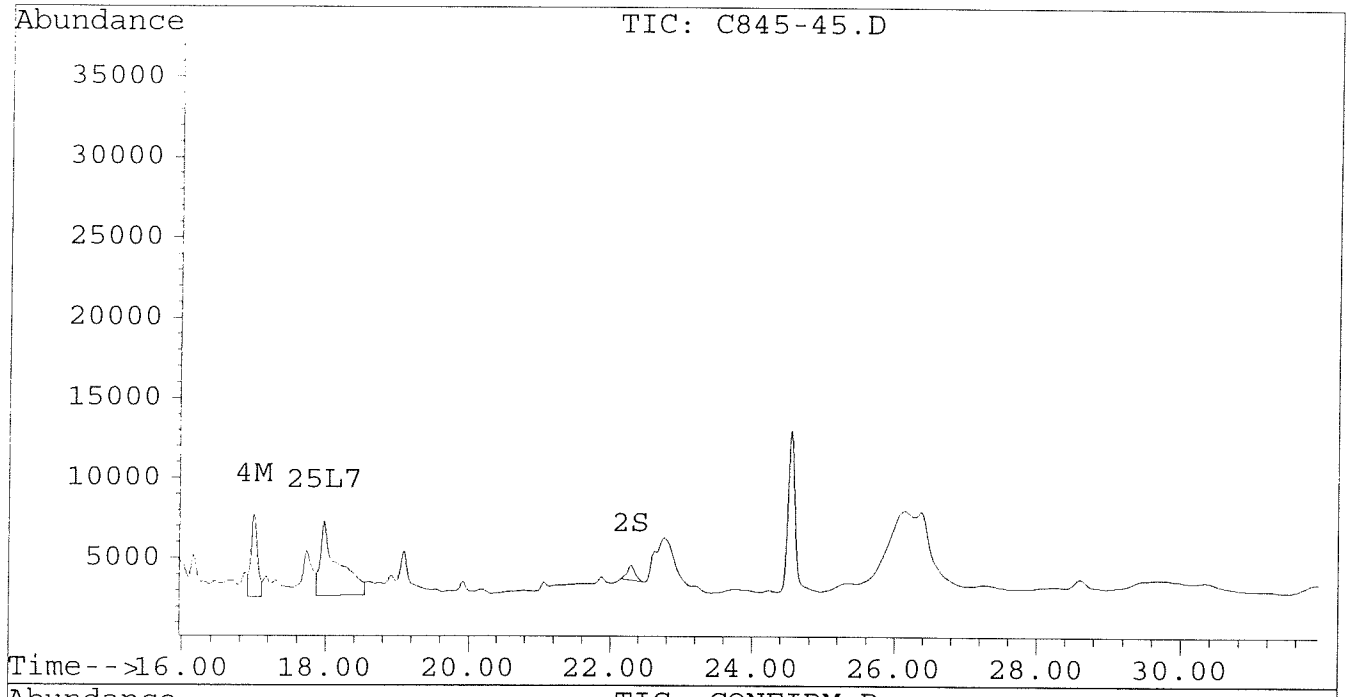
Quantitation Report

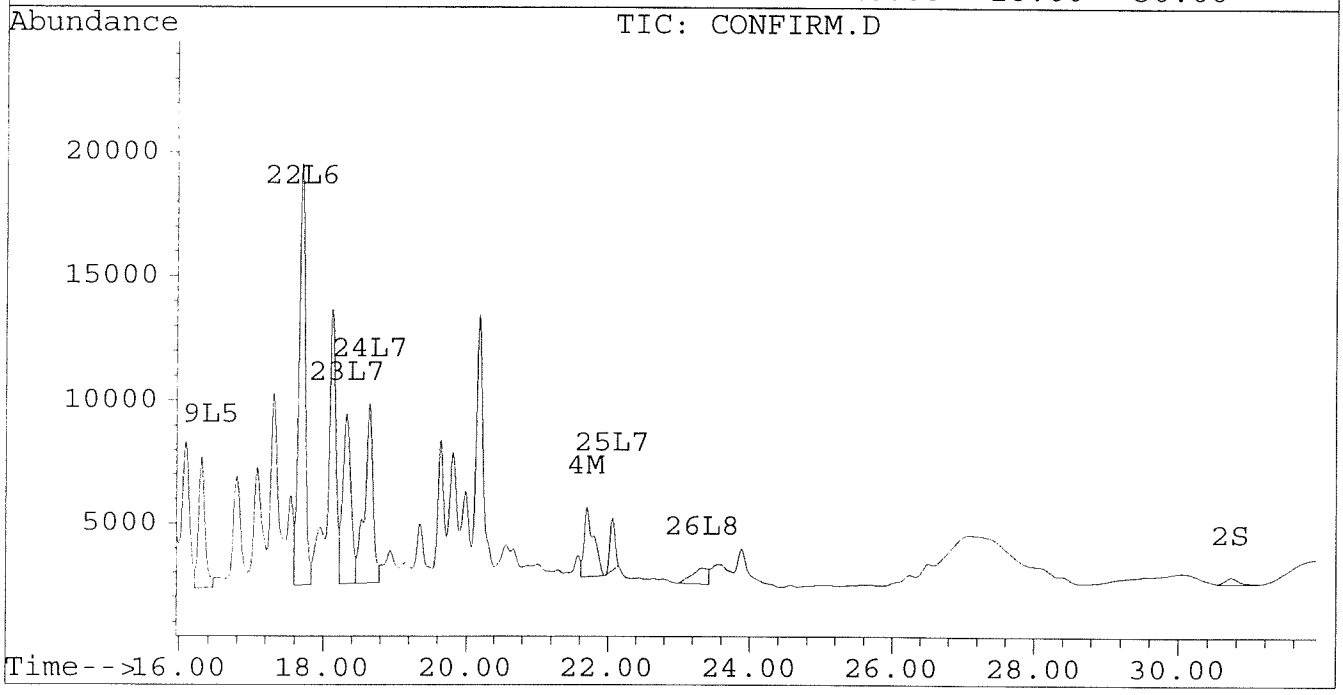
Signal #1 : D:\HPCHEM\5\AU29\C845-45.D
Signal #2 : D:\HPCHEM\5\AU29\C845-45.D\CONFIRM.D
Acq On : 30 Aug 96 04:51 PM
Sample : VHB/ PM9 1:10 DILUTION
Misc : 30.0G/10ML 88% SOLID PCB ANALYSIS
Quant Time: Aug 30 17:27 1996

Vial: 46
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46.D Vial: 22
Signal #2 : D:\HPCHEM\5\AU29\C845-46.D\CONFIRM.D
Acq On : 30 Aug 96 00:51 AM Operator: JS
Sample : VHB/ PO7 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 1:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	856	921	0.004	0.005 #
				Recovery	=	10.00%	12.50%
2) S	Decachlorobiphenyl	0.00	30.73	0	539	N.D.	0.006 #
				Recovery	=	0.00%	15.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.27	11.78	151496	112108	1.383	1.170
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	21984	14316	0.118	0.091
5) L1	Aroclor-1016	6.85	8.90	29153	6109	0.910	0.454 #
6) L1	Aroclor-1016 {2}	8.99	10.43	50677	26323	2.889	0.943 #
7) L1	Aroclor-1016 {3}	9.38	12.36	76541	20854	2.952	1.208 #
	Total Aroclor-1016			156372	53286	6.752	2.605
	Average Aroclor-1016					2.251	0.868
8) L2	Aroclor-1221	5.13	8.12	727	1215	0.104	0.199 #
9) L2	Aroclor-1221 {2}	5.56	8.67	1565	4210	0.268	0.863 #
10) L2	Aroclor-1221 {3}	5.72	8.90	12495	6109	0.618	0.398 #
	Total Aroclor-1221			14786	11534	0.990	1.460
	Average Aroclor-1221					0.330	0.487
11) L3	Aroclor-1232	5.72	8.90	12495	6109	0.685	0.426 #
12) L3	Aroclor-1232 {2}	6.85	10.43	29153	26323	2.136	2.191
13) L3	Aroclor-1232 {3}	8.66	12.36	23329	20854	2.818	3.007
	Total Aroclor-1232			64977	53286	5.639	5.625
	Average Aroclor-1232					1.880	1.875
14) L4	Aroclor-1242	8.27	11.78	151496	112108	3.659	3.762
15) L4	Aroclor-1242 {2}	9.38	12.36	76541	20854	3.934	1.578 #
16) L4	Aroclor-1242 {3}	10.13	14.13	74235	58548	4.394	4.401
	Total Aroclor-1242			302272	191509 dil	11.987	9.740
	Average Aroclor-1242					3.996	3.247
17) L5	Aroclor-1248	9.38	15.08	76541	51505	2.405	2.286
18) L5	Aroclor-1248 {2}	10.13	15.30	74235	56398	2.710	2.416
19) L5	Aroclor-1248 {3}	11.44	16.31	86848	40360	2.496	2.260
	Total Aroclor-1248			237624	148264	7.611	6.963
	Average Aroclor-1248					2.537	2.321

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46.D Vial: 22
Signal #2 : D:\HPCHEM\5\AU29\C845-46.D\CONFIRM.D
Acq On : 30 Aug 96 00:51 AM Operator: JS
Sample : VHB/ PO7 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 1:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	49362	45684	1.581	1.691
21) L6	Aroclor-1254 {2}	13.48	15.84	79273	48280	1.836	1.659
22) L6	Aroclor-1254 {3}	15.88	17.70	59023	74226	1.838	1.864
Total	Aroclor-1254			187659	168190	5.254	5.214
Average	Aroclor-1254					1.751	1.738
23) L7	Aroclor-1260	13.98	18.33	38198	25797	1.101	0.807 #
24) L7	Aroclor-1260 {2}	14.76	18.64	33648	29794	0.828	0.828
25) L7	Aroclor-1260 {3}	17.97	22.07	15370	11641	0.266	0.218
Total	Aroclor-1260			87216	67232	2.194	1.853
Average	Aroclor-1260					0.731	0.618
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.57f	0	3167	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0536

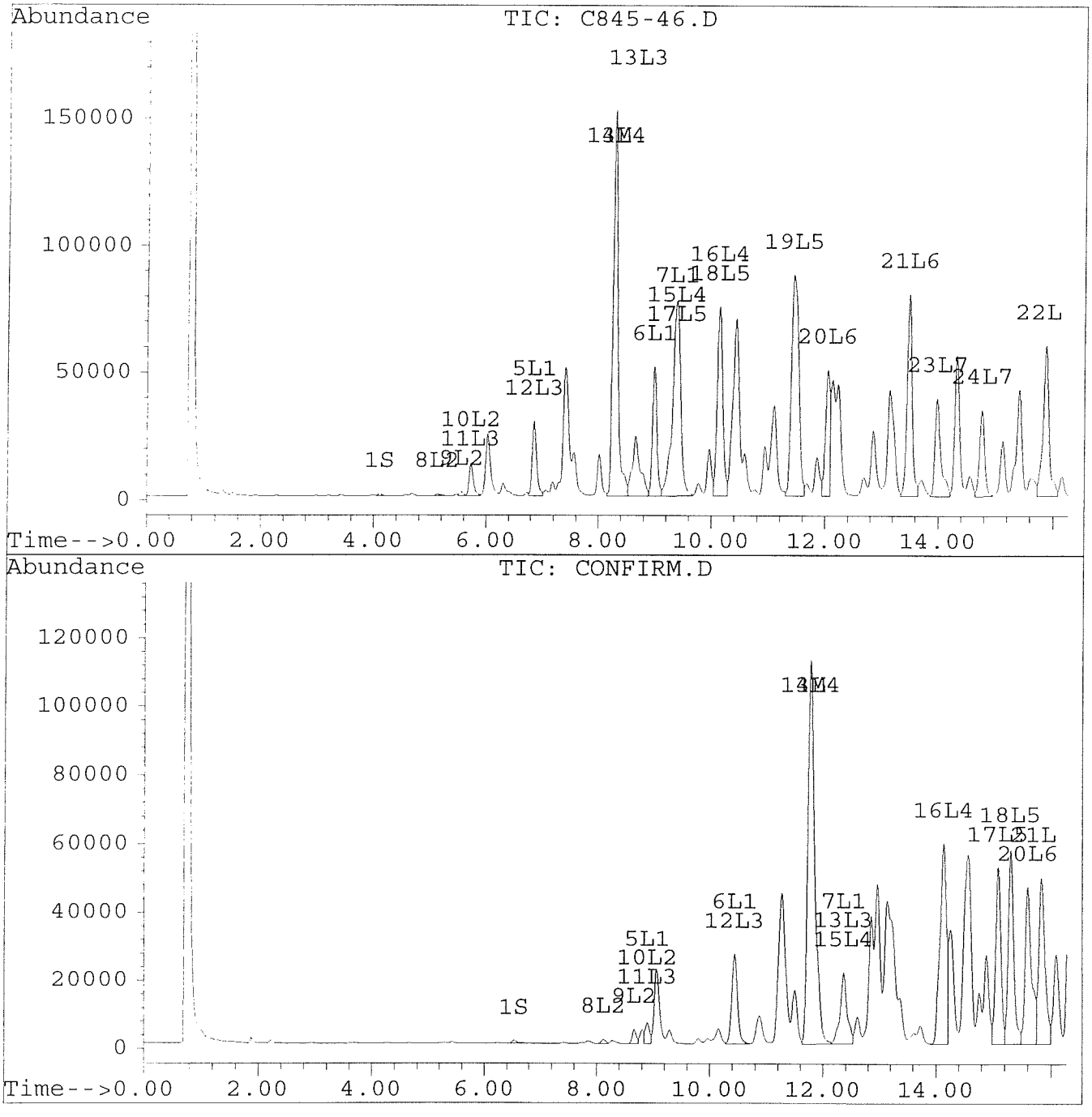
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46.D
Signal #2 : D:\HPCHEM\5\AU29\C845-46.D\CONFIRM.D
Acq On : 30 Aug 96 00:51 AM
Sample : VHB/ PO7 1:10 DILUTION
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 30 1:25 1996

Vial: 22
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



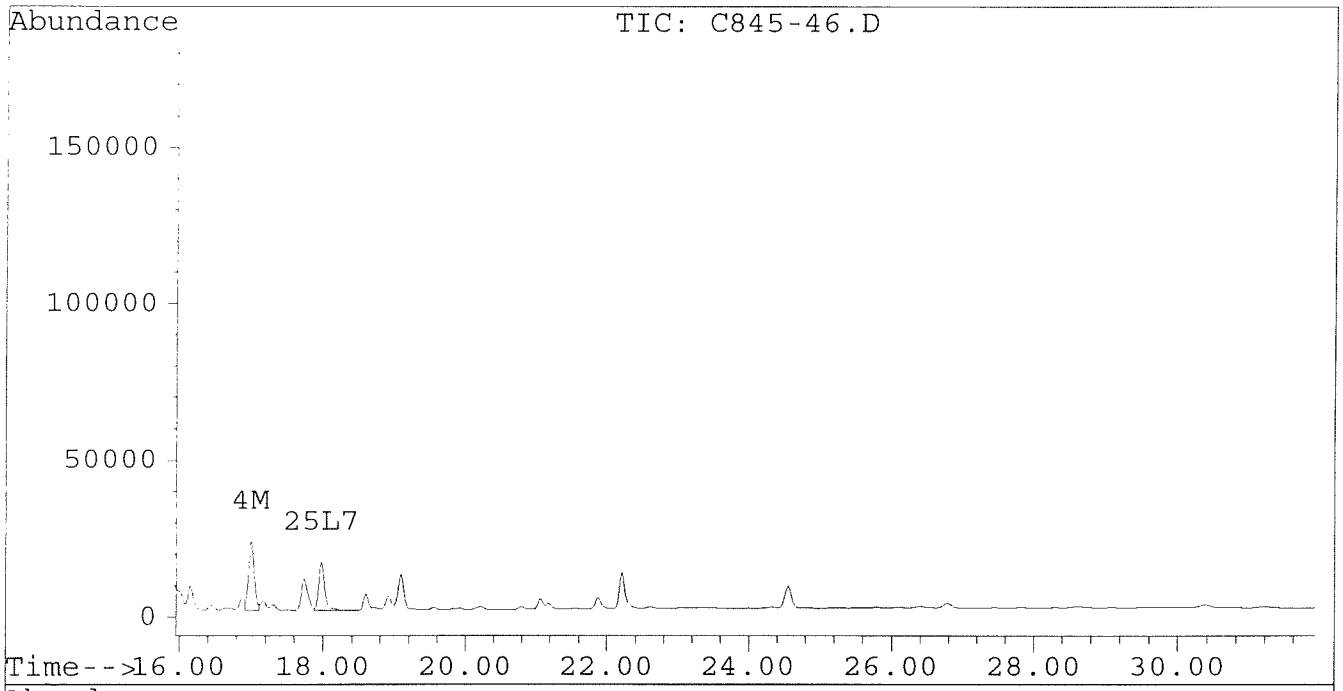
0537

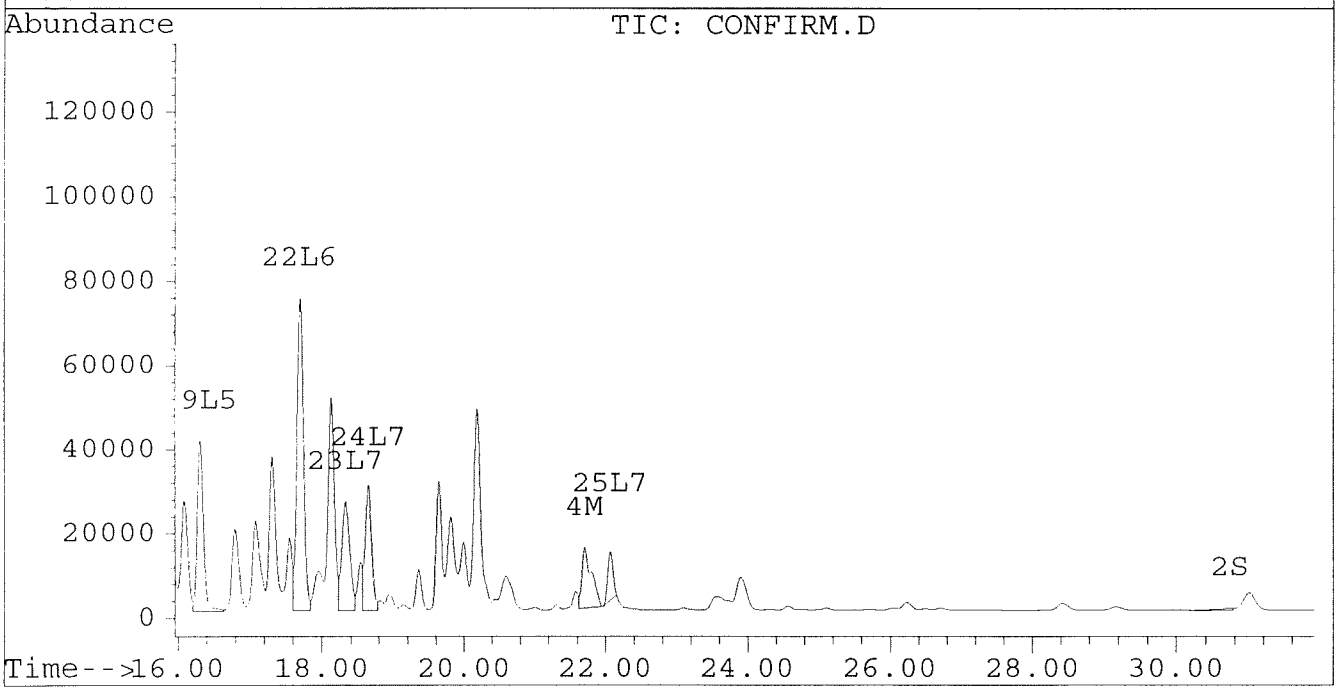
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46.D Vial: 22
Signal #2 : D:\HPCHEM\5\AU29\C845-46.D\CONFIRM.D
Acq On : 30 Aug 96 00:51 AM Operator: JS
Sample : VHB/ PO7 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 1:25 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0538

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-46C.D Vial: 6
Signal #2 : D:\HPCHEM\5\SE3\C845-46C.D\CONFIRM.D
Acq On : 03 Sep 96 04:58 PM Operator: JS
Sample : VHB / PO7 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 3 17:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.07	6.44	174	196	0.001	0.001 #
				Recovery	=	2.50%	2.50%
2)	S Decachlorobiphenyl	0.00	30.48	0	123	N.D.	0.001 #
				Recovery	=	0.00%	2.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.21	11.68	37777	27070	0.345	0.283
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.60	4143	2575	0.022	0.016 #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	5.08f	0.00	158	0	0.023	N.D. #
9)	L2 Aroclor-1221 {2}	0.00	8.71f	0	999	N.D.	0.205 #
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			158	999	0.023	0.205
	Average Aroclor-1221					0.023	0.205
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	8.72f	0.00	2172	0	0.262	N.D. #
	Total Aroclor-1232			2172	0	0.262	N.D.
	Average Aroclor-1232					0.262	0.000
14)	L4 Aroclor-1242	8.21	11.68	37777	27070	0.912	0.908
15)	L4 Aroclor-1242 {2}	9.31	12.26	19999	4751	1.028	0.360 #
16)	L4 Aroclor-1242 {3}	10.06	14.03	18172	14294	1.076	1.074
	Total Aroclor-1242			75948	46116	3.016	2.342
	Average Aroclor-1242					1.005	0.781
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0539

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-46C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-46C.D\CONFIRM.D
Acq On : 03 Sep 96 04:58 PM
Sample : VHB / PO7 1:50 DILUTION
Misc : 30.5G/10ML 91% SOLID
Quant Time: Sep 3 17:32 1996

Vial: 6
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.97	15.49	11818	10937	0.378	0.405
21) L6 Aroclor-1254 {2}	13.41	15.73	17644	11588	0.409	0.398
22) L6 Aroclor-1254 {3}	15.79	17.59	12333	16423	0.384	0.412
Total Aroclor-1254			41794	38948	1.171	1.215
Average Aroclor-1254					0.390	0.405
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	895	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	2139	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.79	0.00	696	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{1.942 \times 10}{0.0305 \times .91 \times .666} \times 50 = 52529$

52000

AR1254

$\frac{0.793 \times 10}{0.0305 \times .91 \times .666} \times 50 = 21450$

21000

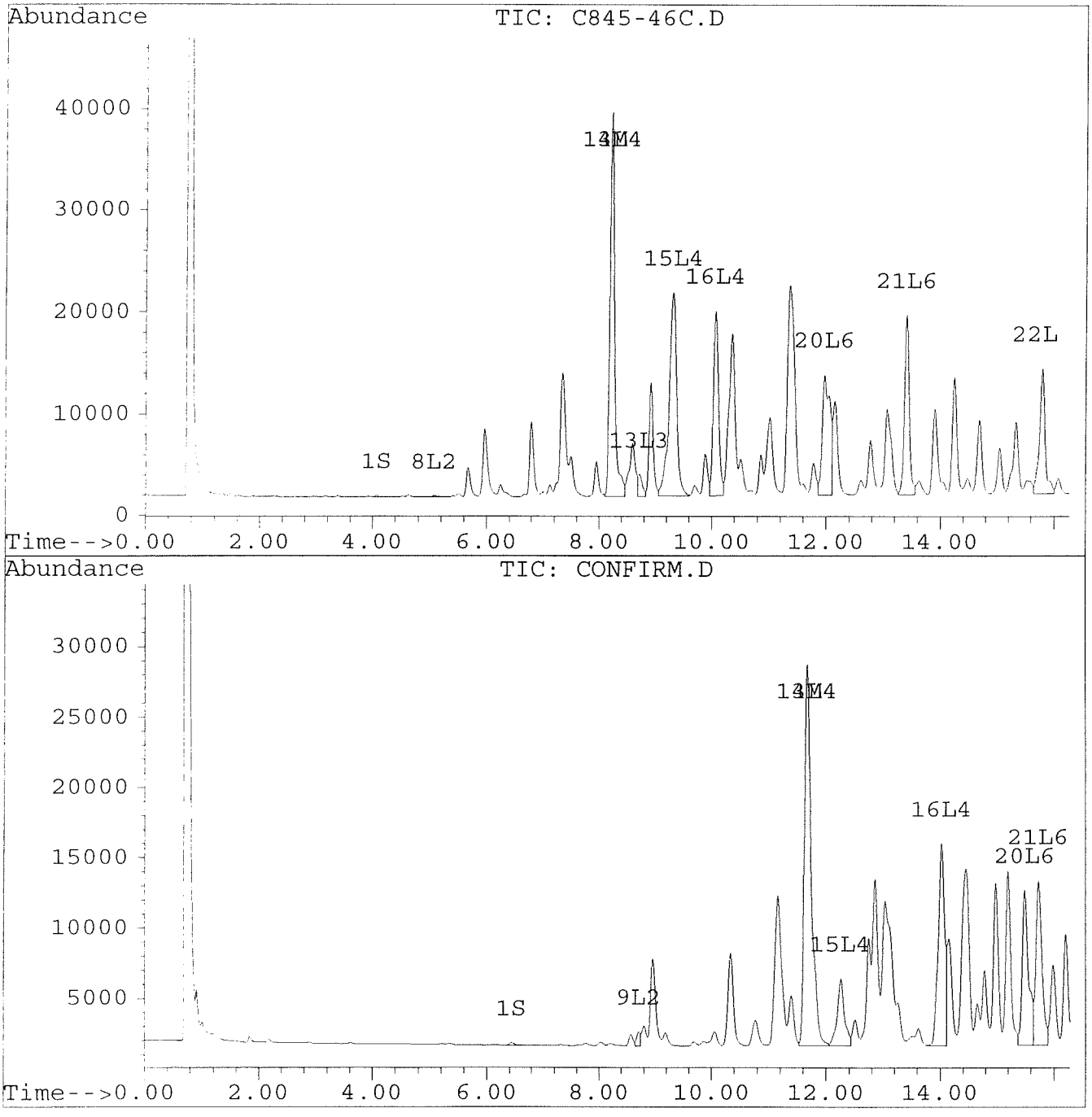
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-46C.D Vial: 6
Signal #2 : D:\HPCHEM\5\SE3\C845-46C.D\CONFIRM.D
Acq On : 03 Sep 96 04:58 PM Operator: JS
Sample : VHB / PO7 1:50 DILUTION Inst : ECD1
Misc : 30.5G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 3 17:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0541

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-46C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-46C.D\CONFIRM.D
Acq On : 03 Sep 96 04:58 PM
Sample : VHB / PO7 1:50 DILUTION
Misc : 30.5G/10ML 91% SOLID
Quant Time: Sep 3 17:32 1996

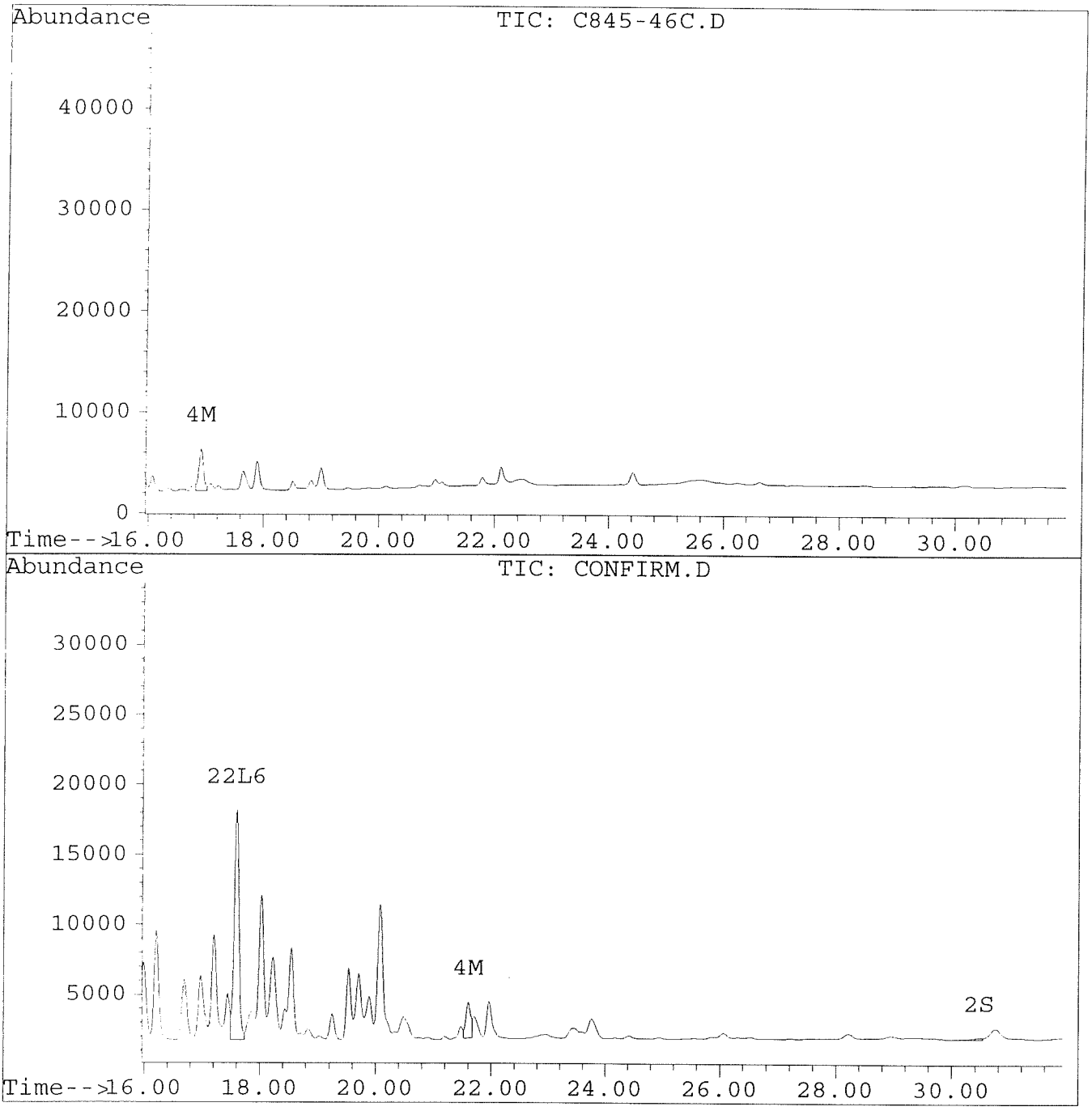
Vial: 6

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B1.D Vial: 18
Signal #2 : D:\HPCHEM\5\AU29\P0827-B1.D\CONFIRM.D
Acq On : 29 Aug 96 10:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 29 23:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.11	6.53	7397	6139	0.031	0.032
				Recovery	=	77.50%	80.00%
2)	S Decachlorobiphenyl	22.30	30.72	5219	2208	0.025	0.025
				Recovery	=	62.50%	62.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	0.00	0.00	0	0	N.D.	N.D.
4)	M 2,2',3,3',4,4'-Hexa	17.00	0.00	544	0	0.003	N.D. #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
14)	L4 Aroclor-1242	0.00	0.00	0	0	N.D.	N.D.
15)	L4 Aroclor-1242 {2}	0.00	0.00	0	0	N.D.	N.D.
16)	L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	15.34f	0	27	N.D.	0.001 #
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	27	N.D.	0.001
	Average Aroclor-1248					0.000	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B1.D Vial: 18
Signal #2 : D:\HPCHEM\5\AU29\P0827-B1.D\CONFIRM.D
Acq On : 29 Aug 96 10:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 29 23:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6 Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6 Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

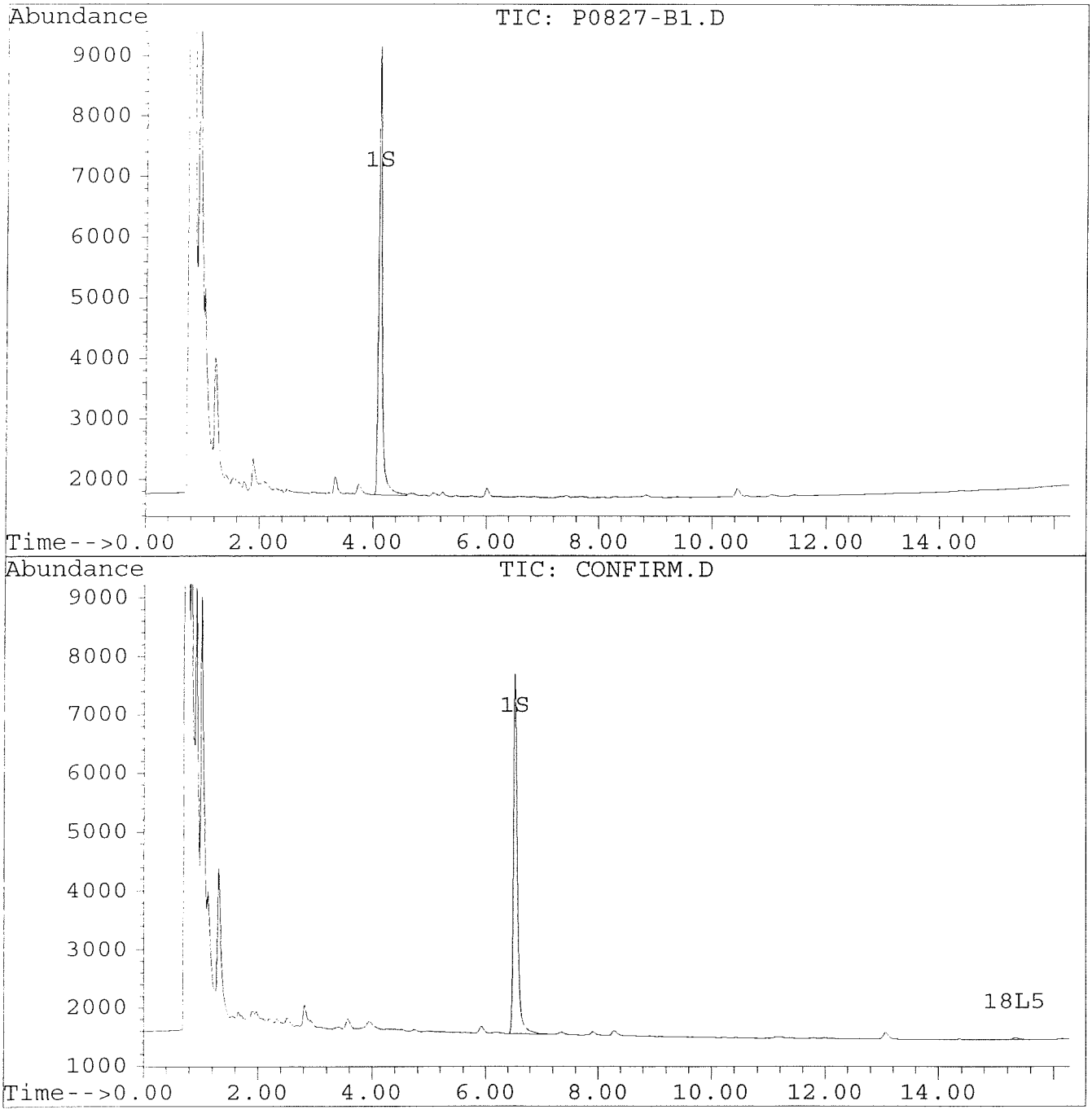
0544

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B1.D Vial: 18
Signal #2 : D:\HPCHEM\5\AU29\P0827-B1.D\CONFIRM.D
Acq On : 29 Aug 96 10:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 29 23:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

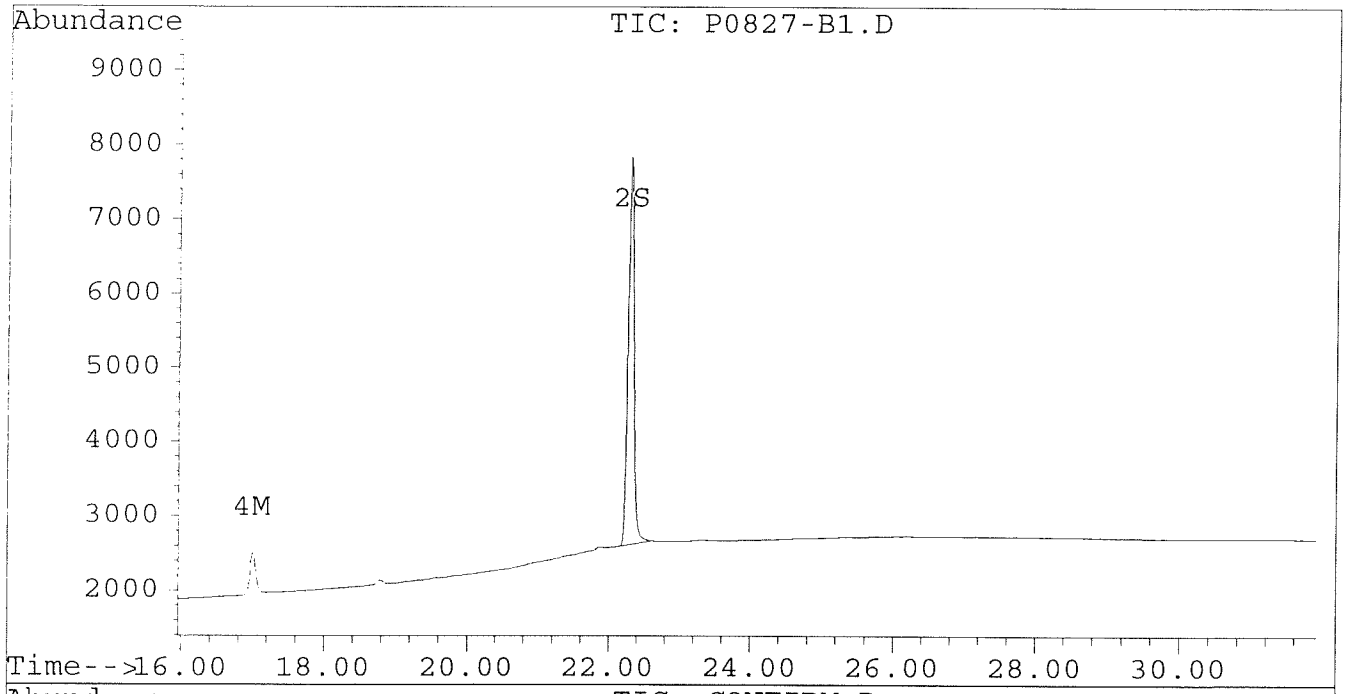


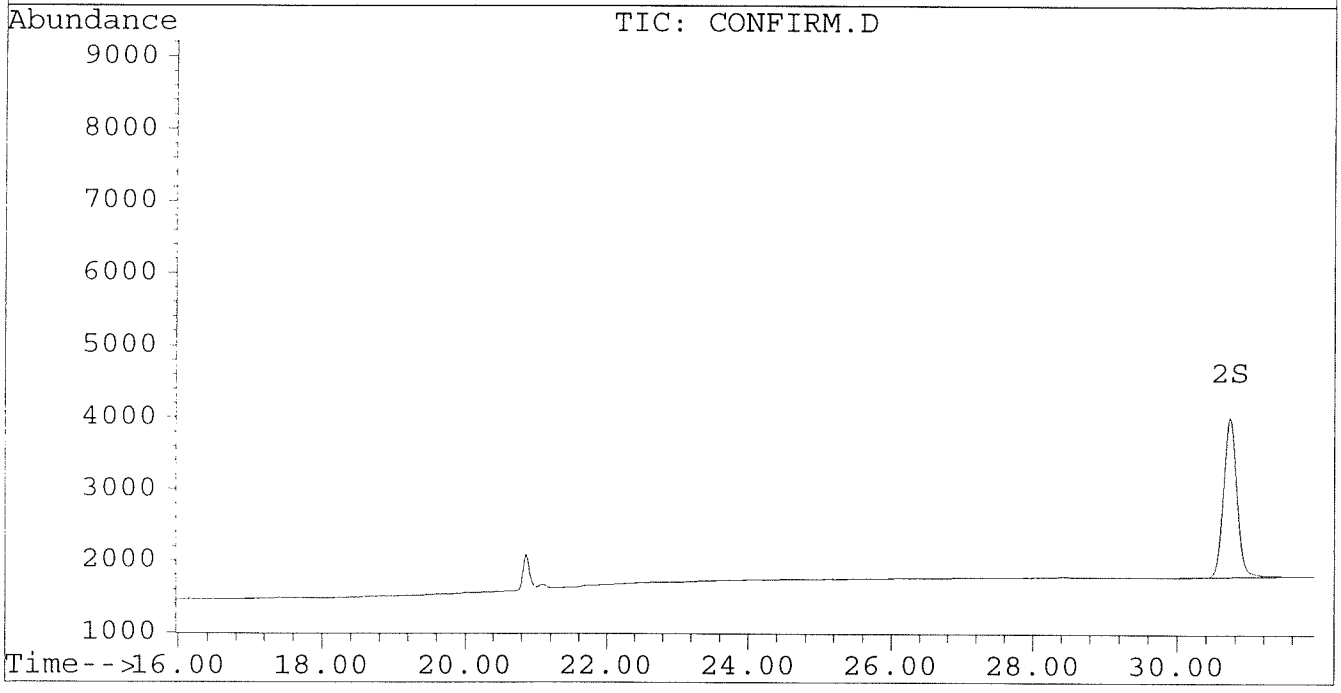
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-B1.D Vial: 18
Signal #2 : D:\HPCHEM\5\AU29\P0827-B1.D\CONFIRM.D
Acq On : 29 Aug 96 10:29 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 29 23:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0546

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L1.D Vial: 20
Signal #2 : D:\HPCHEM\5\AU29\P0827-L1.D\CONFIRM.D
Acq On : 29 Aug 96 11:40 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 0:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.11	6.53	8396	7058	0.035	0.037
				Recovery	=	87.50%	92.50%
2)	S Decachlorobiphenyl	22.30	30.73	5316	2252	0.025	0.025
				Recovery	=	62.50%	62.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.28	11.79	82301	76675	0.751	0.801
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.70	135766	120524	0.726	0.768
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	9.39	0.00	30	0	0.001	N.D. #
	Total Aroclor-1016			30	0	0.001	N.D.
	Average Aroclor-1016					0.001	0.000
8)	L2 Aroclor-1221	5.12	8.11	186	126	0.027	0.021
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	5.74	0.00	19	0	0.001	N.D. #
	Total Aroclor-1221			206	126	0.028	0.021
	Average Aroclor-1221					0.014	0.021
11)	L3 Aroclor-1232	5.74	0.00	19	0	0.001	N.D. #
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1232			19	0	0.001	N.D.
	Average Aroclor-1232					0.001	0.000
14)	L4 Aroclor-1242	8.28	11.79	82301	76675	1.988	2.573 #
15)	L4 Aroclor-1242 {2}	9.39	0.00	30	0	0.002	N.D. #
16)	L4 Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1242			82330	76675	1.989	2.573
	Average Aroclor-1242					0.995	2.573
17)	L5 Aroclor-1248	9.39	0.00	30	0	0.001	N.D. #
18)	L5 Aroclor-1248 {2}	0.00	15.32	0	54	N.D.	0.002 #
19)	L5 Aroclor-1248 {3}	11.49f	0.00	39	0	0.001	N.D. #
	Total Aroclor-1248			69	54	0.002	0.002
	Average Aroclor-1248					0.001	0.002

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0547

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L1.D Vial: 20
Signal #2 : D:\HPCHEM\5\AU29\P0827-L1.D\CONFIRM.D
Acq On : 29 Aug 96 11:40 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 0:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	0.00	0.00	0	0	N.D.	N.D.
22) L6	Aroclor-1254 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1254			0	0	N.D.	N.D.
Average	Aroclor-1254					0.000	0.000
23) L7	Aroclor-1260	13.97	0.00	439	0	0.013	N.D. #
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	17.97	0.00	29	0	0.001	N.D. #
Total	Aroclor-1260			468	0	0.013	N.D.
Average	Aroclor-1260					0.007	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

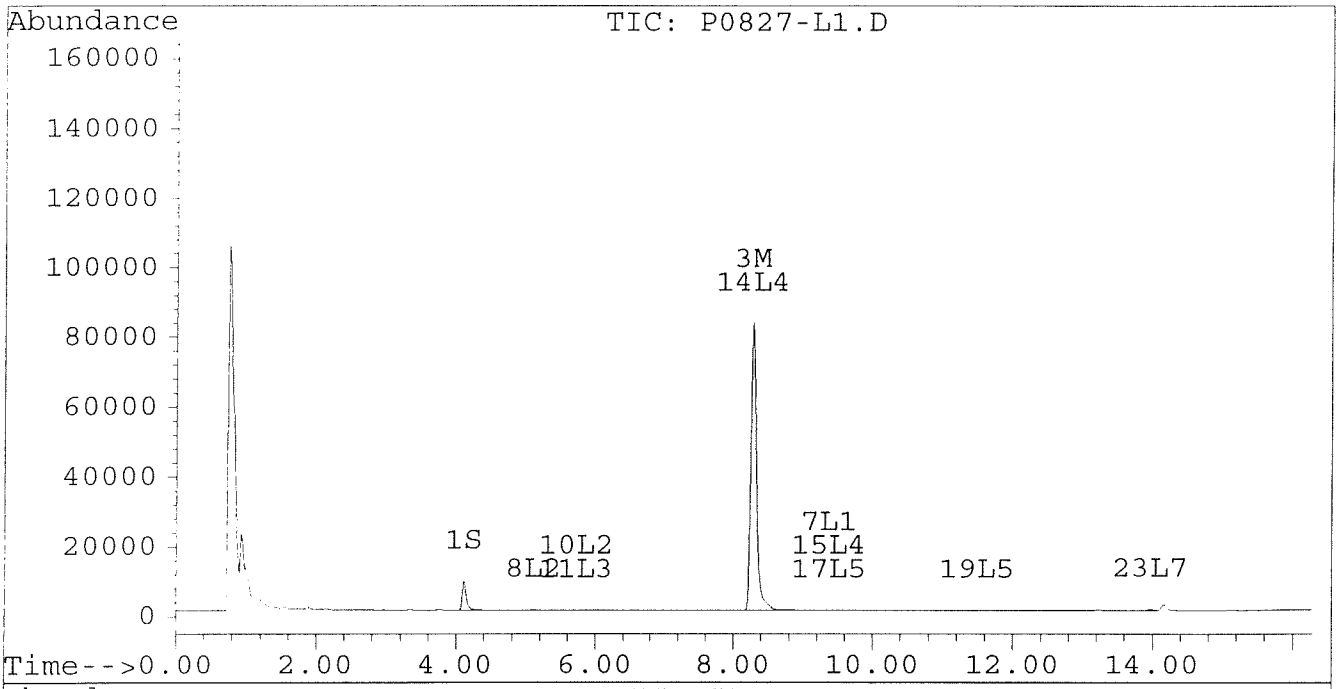
0548

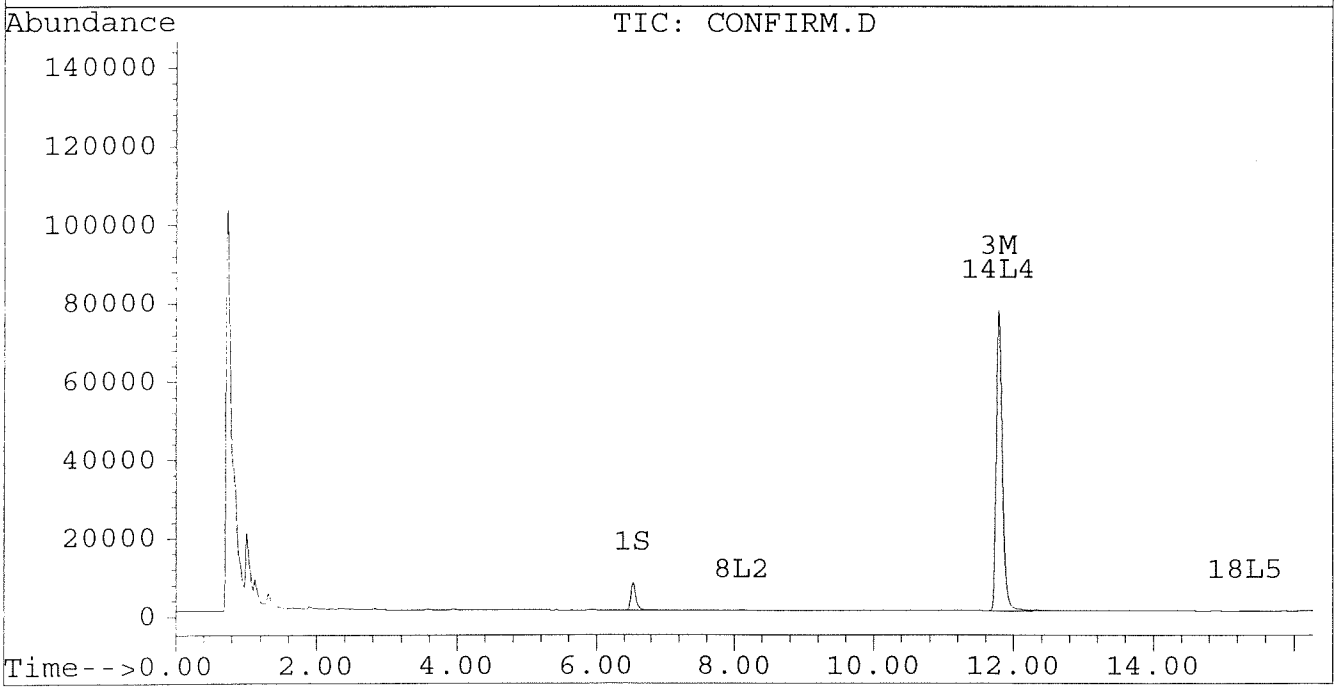
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L1.D Vial: 20
Signal #2 : D:\HPCHEM\5\AU29\P0827-L1.D\CONFIRM.D
Acq On : 29 Aug 96 11:40 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 0:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





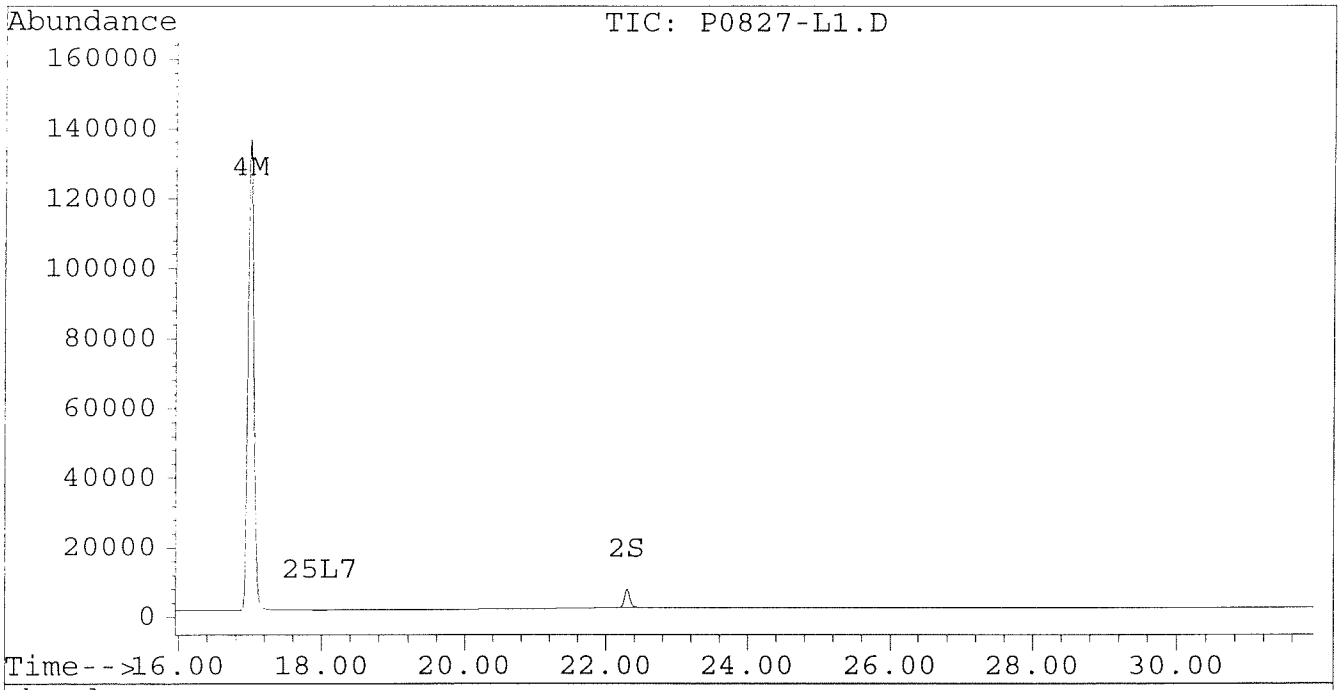
0549

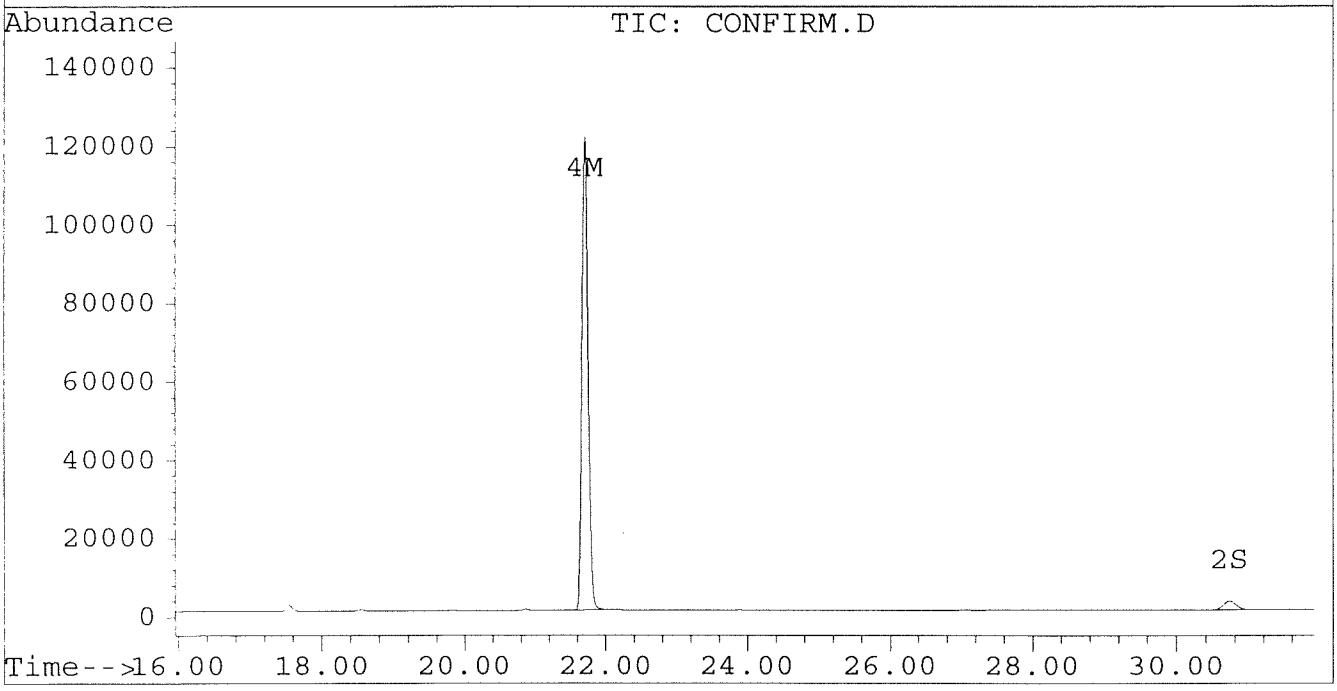
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0827-L1.D Vial: 20
Signal #2 : D:\HPCHEM\5\AU29\P0827-L1.D\CONFIRM.D
Acq On : 29 Aug 96 11:40 PM Operator: JS
Sample : SOIL LAB CONTROL SAMPLE Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 0:14 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0550

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-46MC.D Vial: 7
Signal #2 : D:\HPCHEM\5\SE3\845-46MC.D\CONFIRM.D
Acq On : 03 Sep 96 05:34 PM Operator: JS
Sample : VHB / PO7 MS 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 3 18:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.05	6.46	163	169	0.001	0.001 #
				Recovery	=	2.50%	2.50%
2)	S Decachlorobiphenyl	22.21	30.50	46	146	0.000	0.002 #
				Recovery	=	0.00%	5.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.20	11.69	33095	24467	0.302	0.255
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.60	6520	4808	0.035	0.031
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	8.71f	0.00	1852	0	0.224	N.D. #
	Total Aroclor-1232			1852	0	0.224	N.D.
	Average Aroclor-1232					0.224	0.000
14)	L4 Aroclor-1242	8.20	11.69	33095	24467	0.799	0.821
15)	L4 Aroclor-1242 {2}	9.30	12.27	17327	3893	0.891	0.295 #
16)	L4 Aroclor-1242 {3}	10.05	14.04	15484	12365	0.916	0.929
	Total Aroclor-1242			65906	40725	2.606	2.045
	Average Aroclor-1242					0.869	0.682
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0551

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-46MC.D Vial: 7
Signal #2 : D:\HPCHEM\5\SE3\845-46MC.D\CONFIRM.D
Acq On : 03 Sep 96 05:34 PM Operator: JS
Sample : VHB / PO7 MS 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 3 18:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	10685	10214	0.342	0.378
21) L6 Aroclor-1254 {2}	13.40	15.74	15764	10555	0.365	0.363
22) L6 Aroclor-1254 {3}	15.79	17.60	11246	15011	0.350	0.377
Total Aroclor-1254			37695	35780	1.057	1.118
Average Aroclor-1254					0.352	0.373
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	641	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	1797	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78	0.00	407	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

2,4,4'-Trichlorobiphenyl 0.302
-0.345
0%

2,2',3,3',4,4'-Hexachlorobiphenyl
0.022
0.635 0%

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

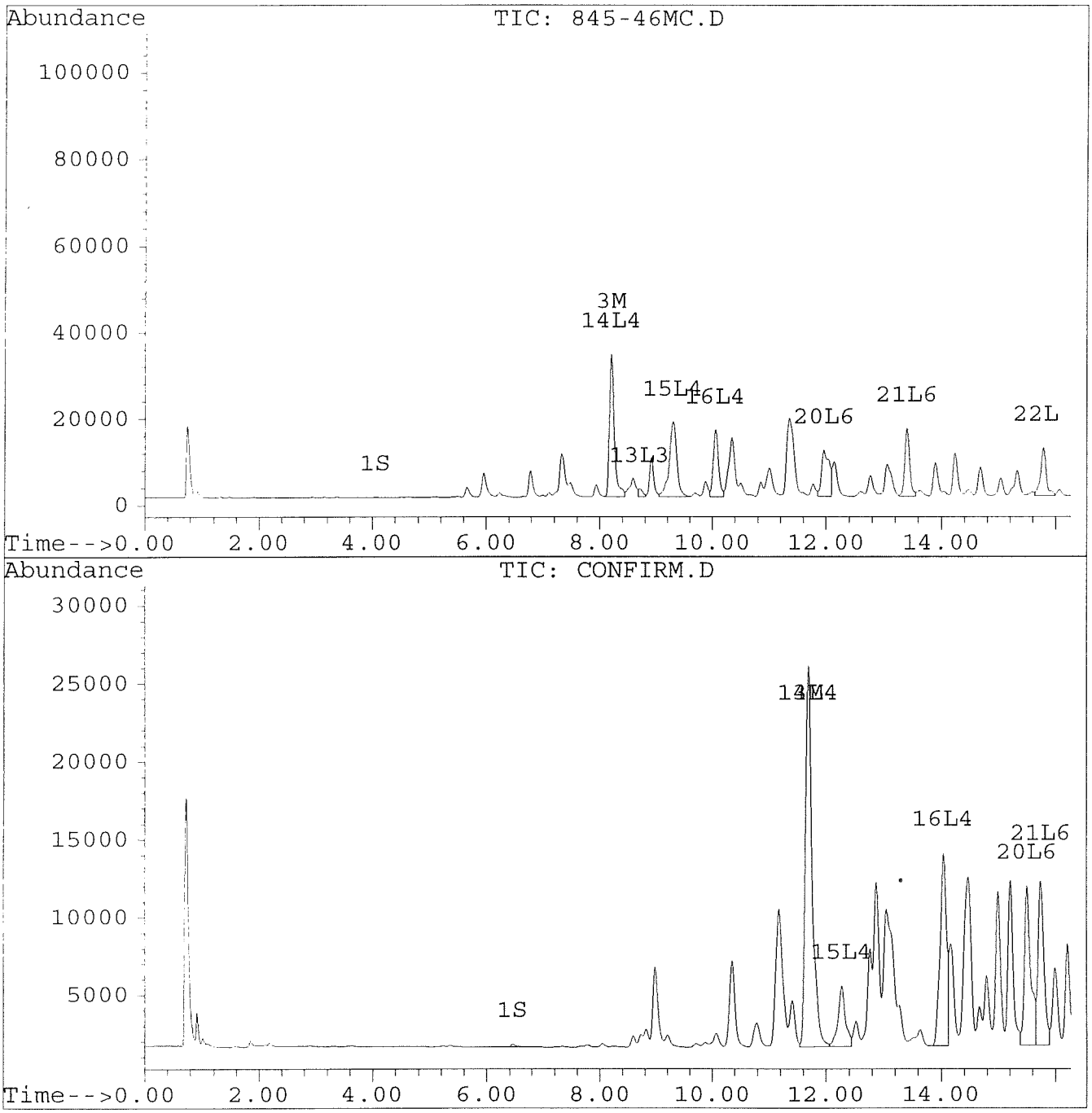
0552

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-46MC.D Vial: 7
Signal #2 : D:\HPCHEM\5\SE3\845-46MC.D\CONFIRM.D
Acq On : 03 Sep 96 05:34 PM Operator: JS
Sample : VHB / PO7 MS 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 3 18:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



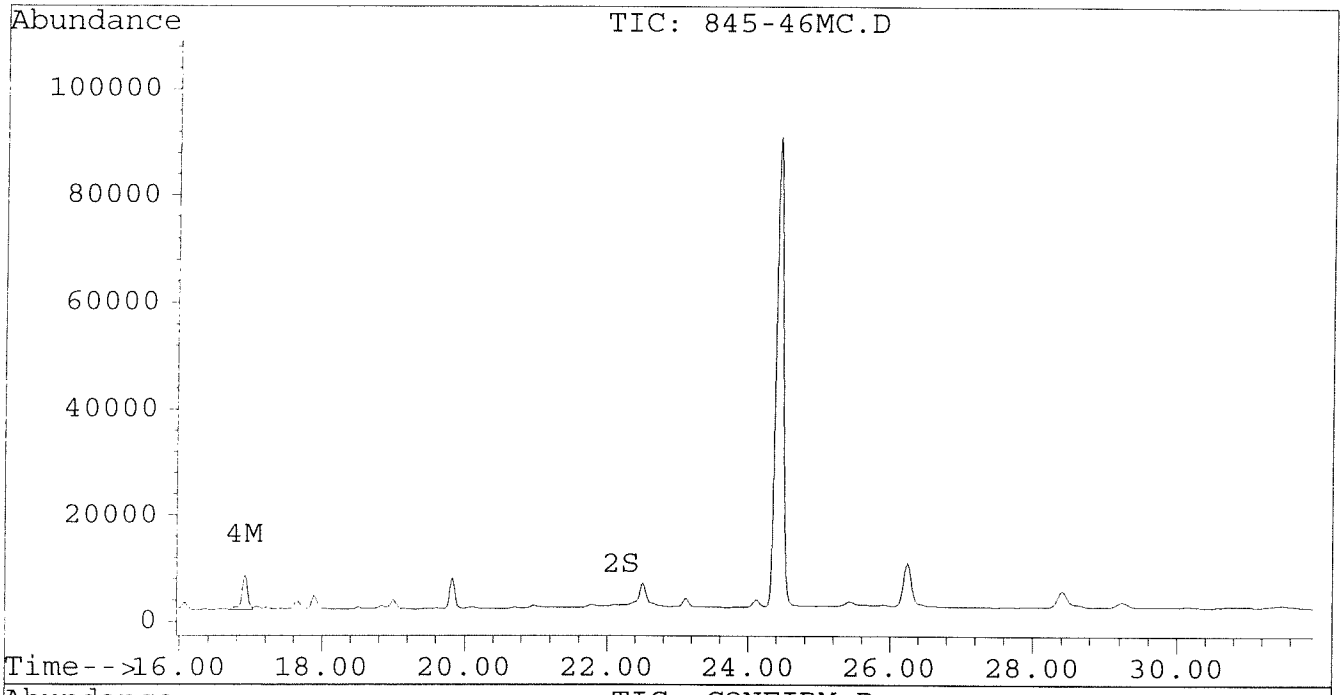
Quantitation Report

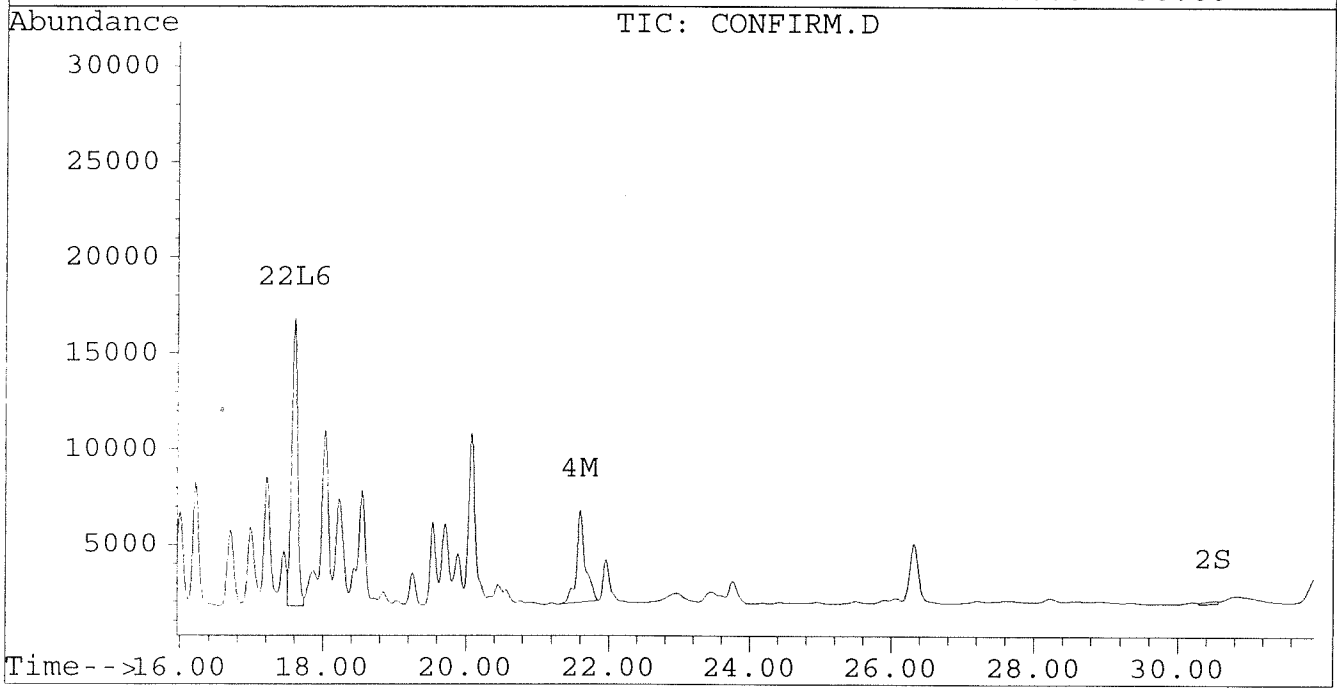
Signal #1 : D:\HPCHEM\5\SE3\845-46MC.D
Signal #2 : D:\HPCHEM\5\SE3\845-46MC.D\CONFIRM.D
Acq On : 03 Sep 96 05:34 PM
Sample : VHB / PO7 MS 1:50 DILUTION
Misc : 30.3G/10ML 91% SOLID
Quant Time: Sep 3 18:08 1996

Vial: 7
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46M.D Vial: 23
Signal #2 : D:\HPCHEM\5\AU29\C845-46M.D\CONFIRM.D
Acq On : 30 Aug 96 01:27 AM Operator: JS
Sample : VHB/ PO7 MS 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 2:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.11	6.53	758	834	0.003	0.004 #
				Recovery	=	7.50%	10.00%
2)	S Decachlorobiphenyl	0.00	30.74	0	552	N.D.	0.006 #
				Recovery	=	0.00%	15.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.28	11.78	142877	108209	1.305	1.130
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	36119	27543	0.193	0.175
5)	L1 Aroclor-1016	6.85	8.90	25274	5091	0.789	0.378 #
6)	L1 Aroclor-1016 (2)	8.99	10.44	45102	23023	2.571	0.825 #
7)	L1 Aroclor-1016 (3)	9.38	12.36	69923	18087	2.697	1.048 #
	Total Aroclor-1016			140300	46201	6.058	2.251
	Average Aroclor-1016					2.019	0.750
8)	L2 Aroclor-1221	5.14	8.12	577	1079	0.082	0.176 #
9)	L2 Aroclor-1221 (2)	5.56	8.67	1267	3768	0.217	0.773 #
10)	L2 Aroclor-1221 (3)	5.73	8.90	10741	5091	0.532	0.332 #
	Total Aroclor-1221			12585	9938	0.831	1.281
	Average Aroclor-1221					0.277	0.427
11)	L3 Aroclor-1232	5.73	8.90	10741	5091	0.589	0.355 #
12)	L3 Aroclor-1232 (2)	6.85	10.44	25274	23023	1.852	1.916
13)	L3 Aroclor-1232 (3)	8.66	12.36	20041	18087	2.421	2.608
	Total Aroclor-1232			56056	46201	4.862	4.880
	Average Aroclor-1232					1.621	1.627
14)	L4 Aroclor-1242	8.28	11.78	142877	108209	3.451	3.631
15)	L4 Aroclor-1242 (2)	9.38	12.36	69923	18087	3.594	1.369 #
16)	L4 Aroclor-1242 (3)	10.13	14.13	67658	53684	4.005	4.035
	Total Aroclor-1242			280459	179981	11.049	9.034
	Average Aroclor-1242					3.683	3.011
17)	L5 Aroclor-1248	9.38	15.08	69923	46613	2.197	2.069
18)	L5 Aroclor-1248 (2)	10.13	15.30	67658	51333	2.470	2.199
19)	L5 Aroclor-1248 (3)	11.43	16.31	81137	36198	2.332	2.027
	Total Aroclor-1248			218719	134145	6.999	6.296
	Average Aroclor-1248					2.333	2.099

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46M.D
Signal #2 : D:\HPCHEM\5\AU29\C845-46M.D\CONFIRM.D
Acq On : 30 Aug 96 01:27 AM
Sample : VHB/ PO7 MS 1:10 DILUTION
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 30 2:00 1996

Vial: 23
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	47321	44621	1.515	1.652
21) L6	Aroclor-1254 {2}	13.48	15.84	75236	46021	1.742	1.582
22) L6	Aroclor-1254 {3}	15.88	17.69	57542	70253	1.792	1.764
Total	Aroclor-1254			180098	160895	5.049	4.997
Average	Aroclor-1254					1.683	1.666
23) L7	Aroclor-1260	13.98	18.33	36430	25119	1.050	0.786 #
24) L7	Aroclor-1260 {2}	14.76	18.65	32425	28842	0.797	0.802
25) L7	Aroclor-1260 {3}	17.97	22.06	15031	10531	0.260	0.197
Total	Aroclor-1260			83886	64492	2.107	1.784
Average	Aroclor-1260					0.702	0.595
26) L8	Aroclor-1268	0.00	23.34f	0	1772	N.D.	0.413 #
27) L8	Aroclor-1268 {2}	0.00	23.54	0	2823	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	1772	N.D.	0.413
Average	Aroclor-1268					0.000	0.413

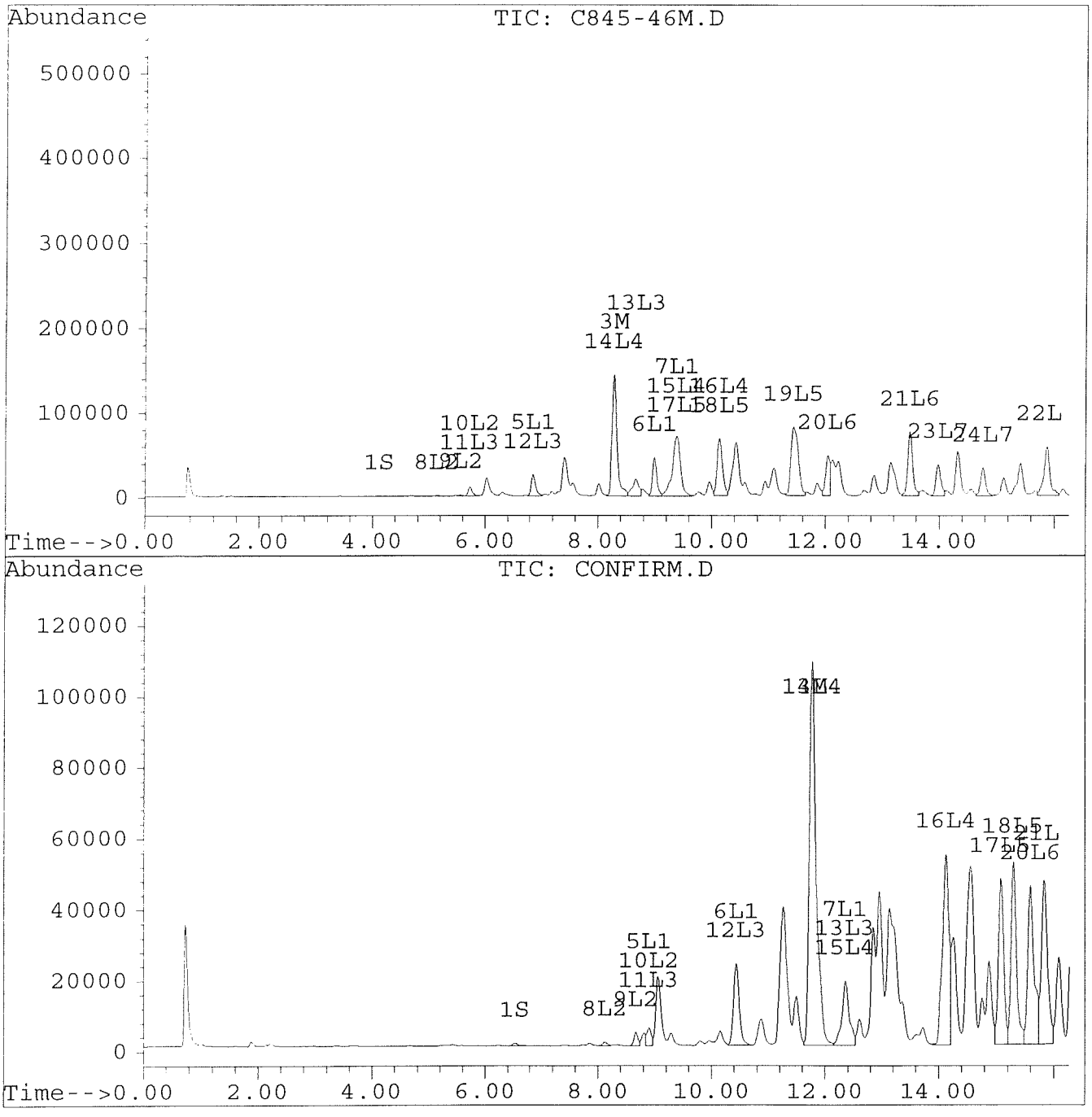
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46M.D Vial: 23
Signal #2 : D:\HPCHEM\5\AU29\C845-46M.D\CONFIRM.D
Acq On : 30 Aug 96 01:27 AM Operator: JS
Sample : VHB/ PO7 MS 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 2:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

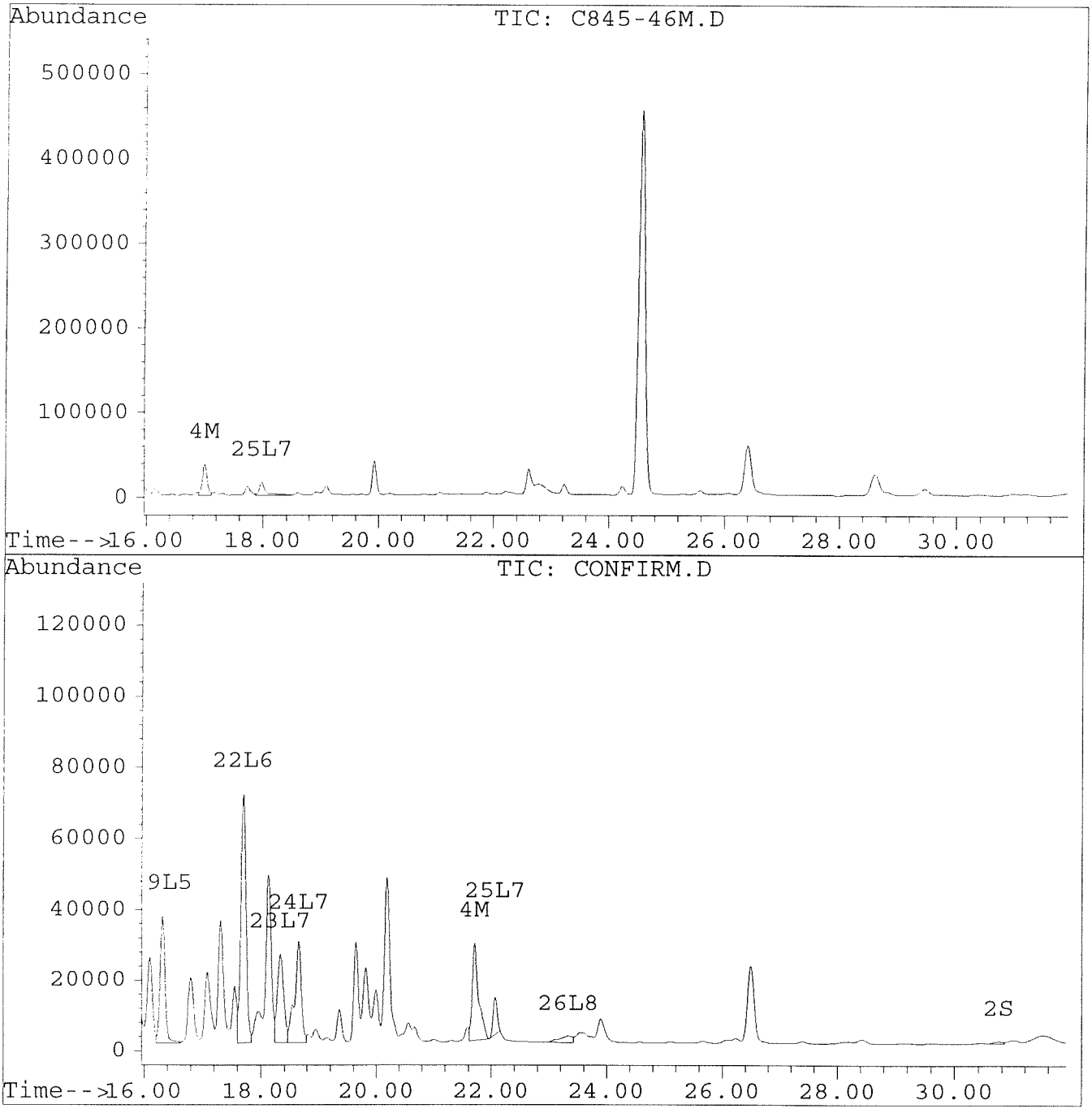


Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46M.D Vial: 23
Signal #2 : D:\HPCHEM\5\AU29\C845-46M.D\CONFIRM.D
Acq On : 30 Aug 96 01:27 AM Operator: JS
Sample : VHB/ PO7 MS 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 2:00 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-46DC.D Vial: 8
Signal #2 : D:\HPCHEM\5\SE3\845-46DC.D\CONFIRM.D
Acq On : 03 Sep 96 06:10 PM Operator: JS
Sample : VHB / PO7 MSD 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 3 18:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	179	181	0.001	0.001 #
				Recovery	=	2.50%	2.50%
2) S	Decachlorobiphenyl	22.20	0.00	141	0	0.001	N.D. #
				Recovery	=	2.50%	0.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	36679	26363	0.335	0.275
4) M	2,2',3,3',4,4'-Hexa	16.91	21.60	8487	5225	0.045	0.033 #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.14	0.00	162	0	0.023	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			162	0	0.023	N.D.
Average	Aroclor-1221					0.023	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.71f	0.00	2220	0	0.268	N.D. #
Total	Aroclor-1232			2220	0	0.268	N.D.
Average	Aroclor-1232					0.268	0.000
14) L4	Aroclor-1242	8.20	11.69	36679	26363	0.886	0.885
15) L4	Aroclor-1242 {2}	9.30	12.27	19220	4648	0.988	0.352 #
16) L4	Aroclor-1242 {3}	10.05	14.04	17528	13715	1.037	1.031
Total	Aroclor-1242			73427	44726	2.911	2.267
Average	Aroclor-1242					0.970	0.756
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-46DC.D Vial: 8
Signal #2 : D:\HPCHEM\5\SE3\845-46DC.D\CONFIRM.D
Acq On : 03 Sep 96 06:10 PM Operator: JS
Sample : VHB / PO7 MSD 1:50 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91% SOLID Multiplr: 1.00
Quant Time: Sep 3 18:43 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	11536	10562	0.369	0.391
21) L6	Aroclor-1254 {2}	13.40	15.74	17317	11452	0.401	0.394
22) L6	Aroclor-1254 {3}	15.79	17.60	12588	16306	0.392	0.409
Total	Aroclor-1254			41440	38320	1.162	1.194
Average	Aroclor-1254					0.387	0.398
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.82f	0.00	6629	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.99	0.00	6153	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.78f	0.00	2166	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\845-46DC.D
Signal #2 : D:\HPCHEM\5\SE3\845-46DC.D\CONFIRM.D
Acq On : 03 Sep 96 06:10 PM
Sample : VHB / PO7 MSD 1:50 DILUTION
Misc : 30.3G/10ML 91% SOLID
Quant Time: Sep 3 18:43 1996

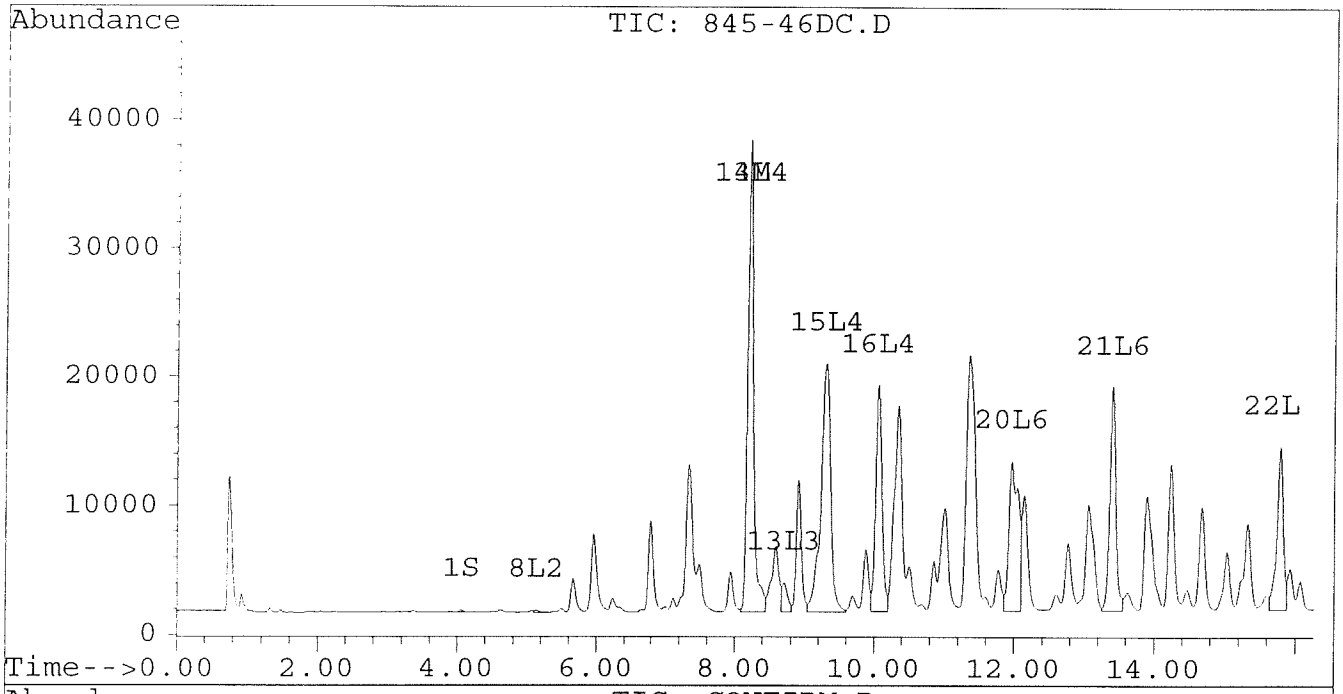
Vial: 8

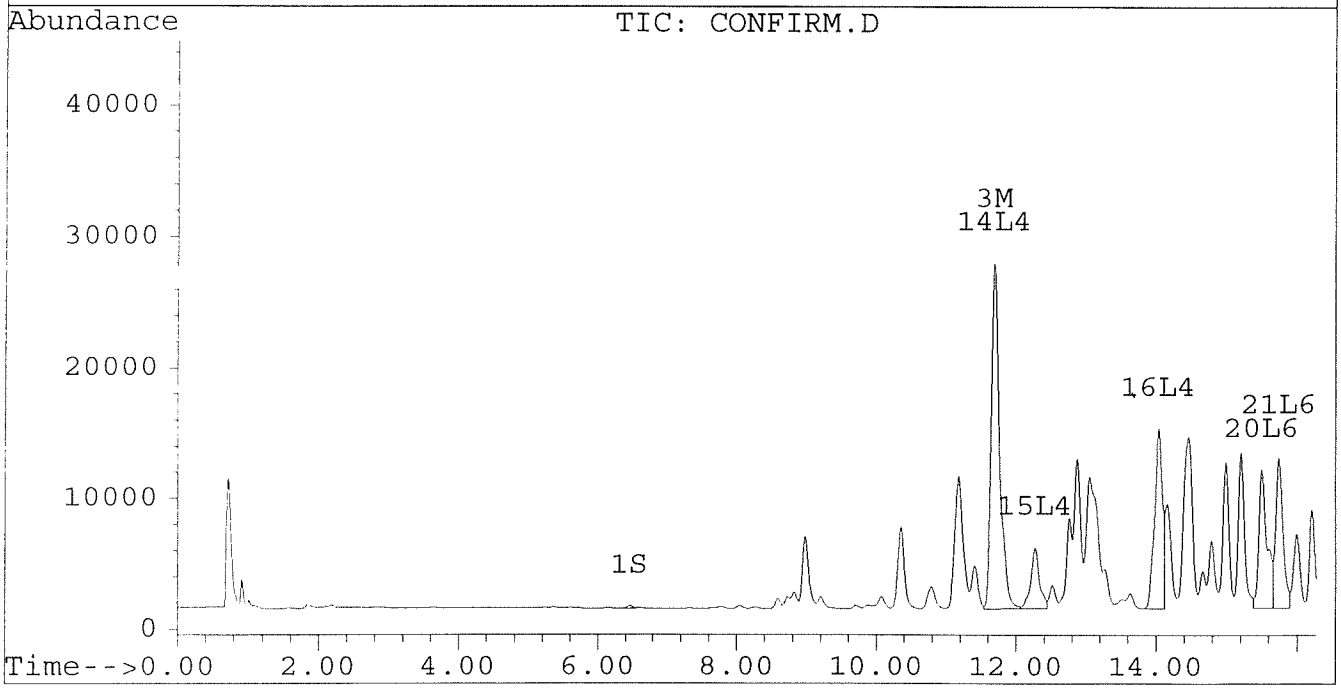
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





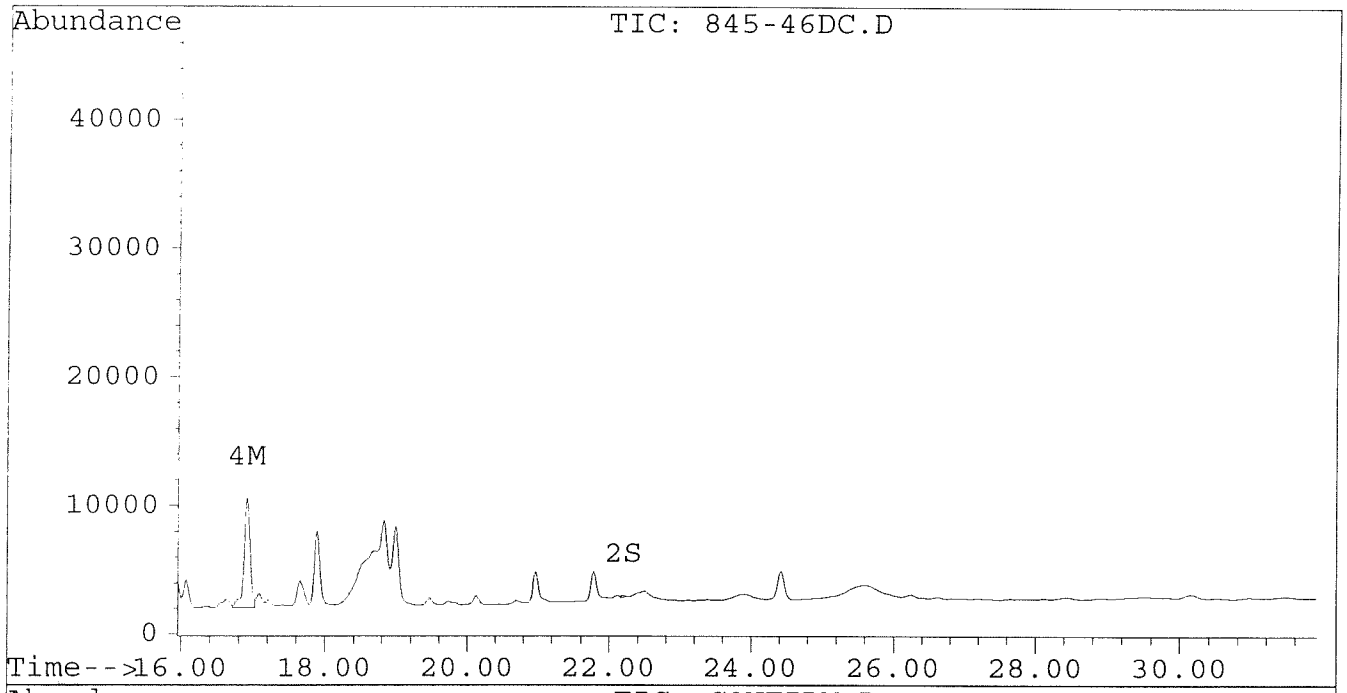
Quantitation Report

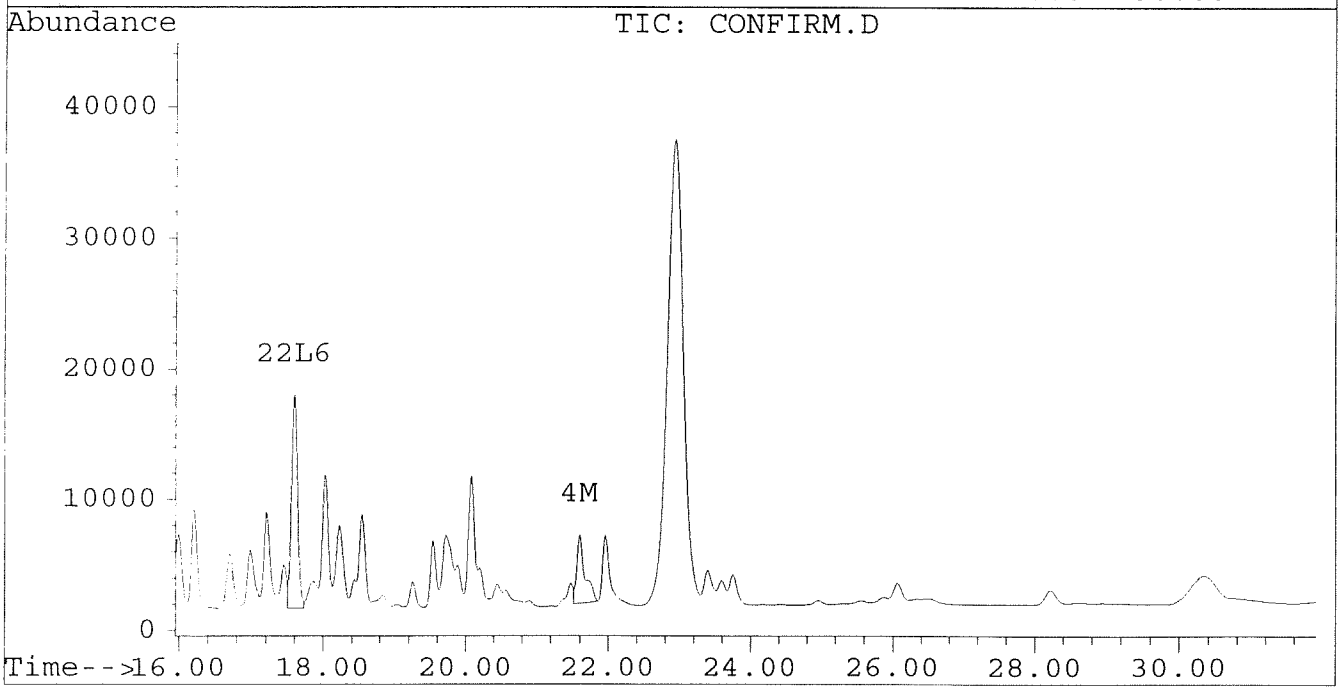
Signal #1 : D:\HPCHEM\5\SE3\845-46DC.D
Signal #2 : D:\HPCHEM\5\SE3\845-46DC.D\CONFIRM.D
Acq On : 03 Sep 96 06:10 PM
Sample : VHB / PO7 MSD 1:50 DILUTION
Misc : 30.3G/10ML 91% SOLID
Quant Time: Sep 3 18:43 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46D.D Vial: 24
Signal #2 : D:\HPCHEM\5\AU29\C845-46D.D\CONFIRM.D
Acq On : 30 Aug 96 02:02 AM Operator: JS
Sample : VHB/ PO7 MSD 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 2:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	760	815	0.003	0.004	#
				Recovery	=	7.50%	10.00%	
2) S	Decachlorobiphenyl	22.29	0.00	1758	0	0.008	N.D.	#
				Recovery	=	20.00%	0.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.28	11.78	144000	105821	1.315	1.105	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	41081	27582	0.220	0.176	
5) L1	Aroclor-1016	6.85	8.90	26543	5152	0.829	0.383	#
6) L1	Aroclor-1016 {2}	8.99	10.43	45275	24007	2.581	0.860	#
7) L1	Aroclor-1016 {3}	9.38	12.36	71354	19647	2.752	1.139	#
Total	Aroclor-1016			143173	48806	6.162	2.381	
Average	Aroclor-1016					2.054	0.794	
8) L2	Aroclor-1221	5.14	8.12	609	1052	0.087	0.172	#
9) L2	Aroclor-1221 {2}	5.56	8.67	1286	3660	0.220	0.750	#
10) L2	Aroclor-1221 {3}	5.73	8.90	10799	5152	0.534	0.336	#
Total	Aroclor-1221			12693	9863	0.842	1.258	
Average	Aroclor-1221					0.281	0.419	
11) L3	Aroclor-1232	5.73	8.90	10799	5152	0.592	0.359	#
12) L3	Aroclor-1232 {2}	6.85	10.43	26543	24007	1.945	1.998	
13) L3	Aroclor-1232 {3}	8.66	12.36	21698	19647	2.621	2.833	
Total	Aroclor-1232			59040	48806	5.158	5.191	
Average	Aroclor-1232					1.719	1.730	
14) L4	Aroclor-1242	8.28	11.78	144000	105821	3.478	3.551	
15) L4	Aroclor-1242 {2}	9.38	12.36	71354	19647	3.668	1.487	#
16) L4	Aroclor-1242 {3}	10.13	14.13	68882	54225	4.077	4.076	
Total	Aroclor-1242			284237	179693	11.222	9.113	
Average	Aroclor-1242					3.741	3.038	
17) L5	Aroclor-1248	9.38	15.08	71354	47878	2.242	2.125	
18) L5	Aroclor-1248 {2}	10.13	15.30	68882	52316	2.515	2.241	
19) L5	Aroclor-1248 {3}	11.44	16.31	81067	37160	2.330	2.081	
Total	Aroclor-1248			221304	137354	7.087	6.448	
Average	Aroclor-1248					2.362	2.149	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46D.D Vial: 24
Signal #2 : D:\HPCHEM\5\AU29\C845-46D.D\CONFIRM.D
Acq On : 30 Aug 96 02:02 AM Operator: JS
Sample : VHB/ PO7 MSD 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 2:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	46733	41983	1.496	1.554
21) L6 Aroclor-1254 {2}	13.48	15.83	74378	44959	1.722	1.545
22) L6 Aroclor-1254 {3}	15.87	17.69	58179	70014	1.811	1.758
Total Aroclor-1254			179290	156957	5.030	4.857
Average Aroclor-1254					1.677	1.619
23) L7 Aroclor-1260	13.98	18.33	37845	26189	1.091	0.819
24) L7 Aroclor-1260 {2}	14.76	18.64	34652	30685	0.852	0.853
25) L7 Aroclor-1260 {3}	17.97	22.06	30239	22164	0.523	0.415
Total Aroclor-1260			102736	79038	2.466	2.087
Average Aroclor-1260					0.822	0.696
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.14f	0	278	N.D.	NoCal
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

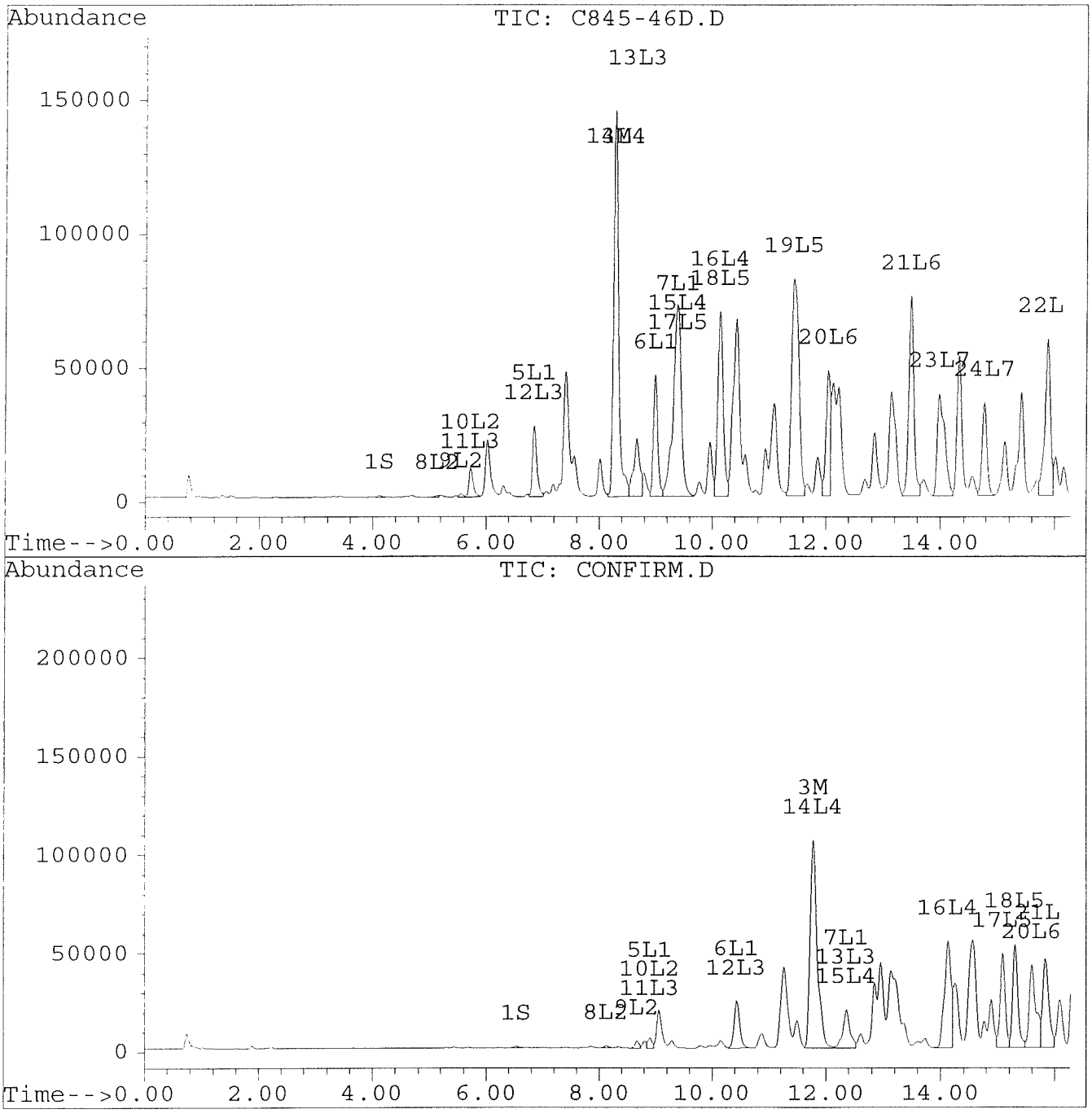
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-46D.D Vial: 24
Signal #2 : D:\HPCHEM\5\AU29\C845-46D.D\CONFIRM.D
Acq On : 30 Aug 96 02:02 AM Operator: JS
Sample : VHB/ PO7 MSD 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 2:36 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



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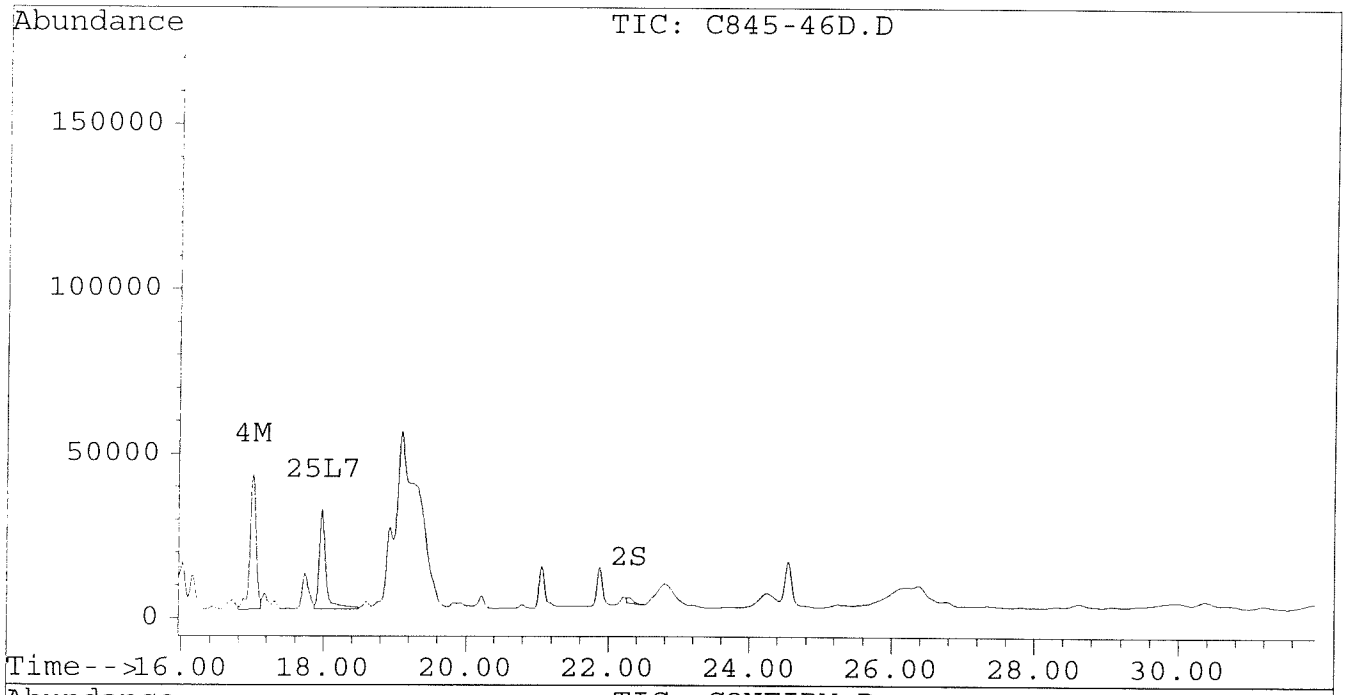
Quantitation Report

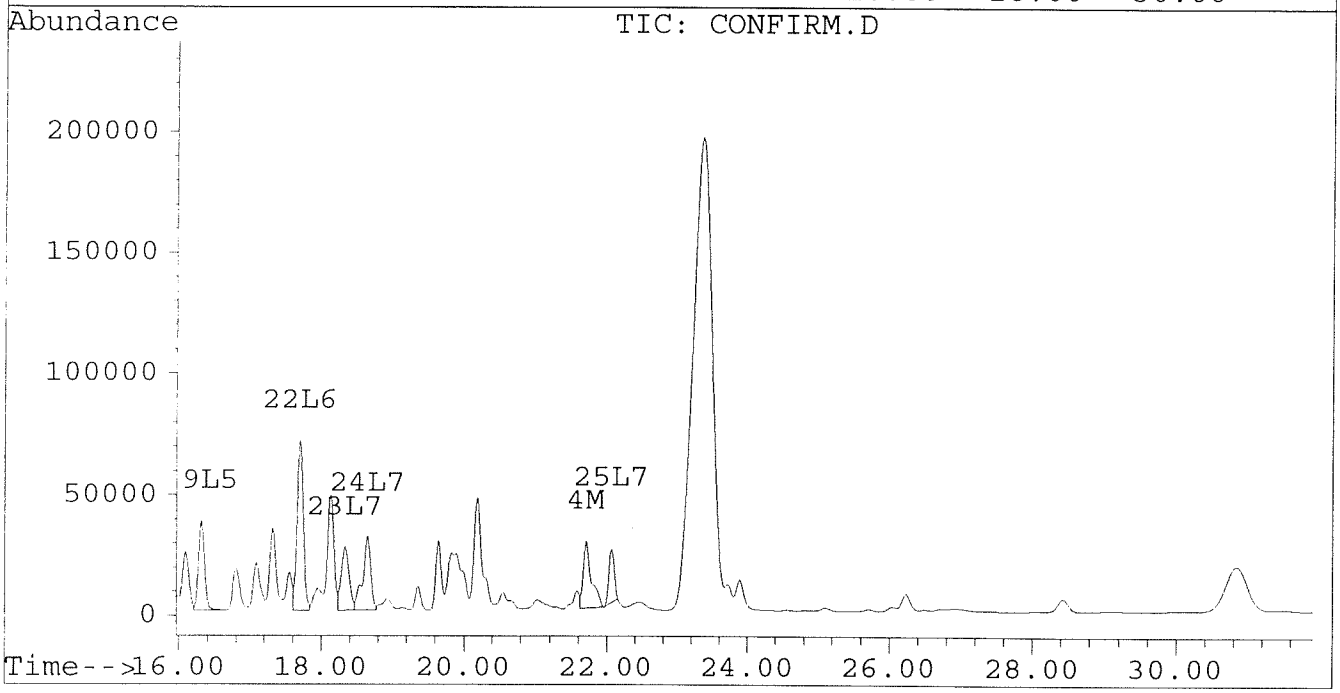
Signal #1 : D:\HPCHEM\5\AU29\C845-46D.D
Signal #2 : D:\HPCHEM\5\AU29\C845-46D.D\CONFIRM.D
Acq On : 30 Aug 96 02:02 AM
Sample : VHB/ PO7 MSD 1:10 DILUTION
Misc : 30.3G/10ML 91 % SOLID PCB ANALYSIS
Quant Time: Aug 30 2:36 1996

Vial: 24
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





GPC Batch Number:

Solvent Track: Florisil Lot Number:

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

Date: 8-28-96 Analysis: PCB Sample Matrix: Soil Project #: C0845

Blank ID: P082896 BL Method: Sonic Analyst: PB Client: VHB

	Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
	P0828 B1		30.0 g	Surrogate 2.0mL	N/A Surrogate 1.0mL						LCS
	-LCS-1		30.0 g								
90	PC0845-47	P09	30.1 g		N/A			8/29/96	10mL	8/30/96	lost ~10mL original Ext
84	-48	PP8	30.4 g					8/29/96	10mL		
88	-49	PP9	30.2 g								
~~88~~	-50	PQ8	30.4 g								
92	-51	PQ9	30.3 g								
92	-52	PR7	30.3 g								
90	-53	PR8	30.4 g								
86	-54	PR9	30.5 g								
89	-55	PS7	30.5 g								
84	-56	PS8	30.0 g								
88	-57	PS9	30.2 g					8/29/96	10mL	8/30/96	
86	-58	PT7	30.3 g								
93	-59	PT8	30.2 g					8/29/96			
94	-60	PU7	30.2 g					8/29/96			lost ~5mL original Ext
90	-74	DP6	30.3 g		PB 8-28-96			8/29/96			
92	-75	DT6	30.1 g								

40

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Page

Orgprep4
12/12/95

05677

Solvent Track:

GPC Batch Number:
Florisil Lot Number:

0568

MITKEM CORPORATION ORGANIC PREP LAB - SAMPLE PREPARATION :Pesticides/PCB

Date: 8-28-96 | Analysis: PCB | Sample Matrix: Soil | Project #: C0845
Blank ID: P0828B1 | Method: Sonic | Analyst: PB | Client:

Lab Sample ID	Client Sample ID	Weight/ Vol Extracted	Surr. Spike Added	Matrix Spike Added	Date GPC	Date Florisil	Date Final Conc	Final Ext Vol	Date Ext Transfer	Comments
P0845-76	DW4	30.1	PW960819A 2mL	—	—	—	8/30/96	10 mL	8/30/96	
-77	DP9	30.4								
-77MS	↓	30.4		PW960820A 1mL						Spiked 10 mL before KD.
-77MSD		30.2		↓						

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-47A.D Vial: 99
Signal #2 : D:\HPCHEM\5\AU29\C845-47A.D\CONFIRM.D
Acq On : 01 Sep 96 08:36 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 21:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	748	681	0.003	0.004	
				Recovery	=	7.50%	10.00%	
2)	S Decachlorobiphenyl	22.29	30.72	700	335	0.003	0.004	
				Recovery	=	7.50%	10.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	74019	55134	0.676	0.576	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.71	12200	7962	0.065	0.051	
5)	L1 Aroclor-1016	6.85	8.90	12824	2405	0.401	0.179	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	23898	11606	1.362	0.416	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	40483	8050	1.561	0.466	#
	Total Aroclor-1016			77205	22061	3.324	1.061	
	Average Aroclor-1016					1.108	0.354	
8)	L2 Aroclor-1221	5.13	8.11	257	964	0.037	0.158	#
9)	L2 Aroclor-1221 {2}	5.55	8.66	624	1591	0.107	0.326	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	4716	2405	0.233	0.157	#
	Total Aroclor-1221			5598	4961	0.377	0.641	
	Average Aroclor-1221					0.126	0.214	
11)	L3 Aroclor-1232	5.72	8.90	4716	2405	0.259	0.168	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	12824	11606	0.940	0.966	
13)	L3 Aroclor-1232 {3}	8.66	12.36	9828	8050	1.187	1.161	
	Total Aroclor-1232			27369	22061	2.386	2.295	
	Average Aroclor-1232					0.795	0.765	
14)	L4 Aroclor-1242	8.27	11.78	74019	55134	1.788	1.850	
15)	L4 Aroclor-1242 {2}	9.37	12.36	40483	8050	2.081	0.609	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	37479	29285	2.218	2.201	
	Total Aroclor-1242			151981	92469	6.087	4.660	
	Average Aroclor-1242					2.029	1.553	
17)	L5 Aroclor-1248	9.37	15.08	40483	24057	1.272	1.068	
18)	L5 Aroclor-1248 {2}	10.13	15.30	37479	26055	1.368	1.116	
19)	L5 Aroclor-1248 {3}	11.43	16.31	43593	16595	1.253	0.929	#
	Total Aroclor-1248			121556	66707	3.893	3.113	
	Average Aroclor-1248					1.298	1.038	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0569

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-47A.D Vial: 99
Signal #2 : D:\HPCHEM\5\AU29\C845-47A.D\CONFIRM.D
Acq On : 01 Sep 96 08:36 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 21:09 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	27371	24344	0.876	0.901
21) L6 Aroclor-1254 {2}	13.48	15.83	43462	26439	1.006	0.909
22) L6 Aroclor-1254 {3}	15.87	17.69	34830	40205	1.084	1.009
Total Aroclor-1254			105663	90988	2.967	2.819
Average Aroclor-1254					0.989	0.940
23) L7 Aroclor-1260	13.97	18.32	20913	14609	0.603	0.457
24) L7 Aroclor-1260 {2}	14.76	18.64	19192	17389	0.472	0.483
25) L7 Aroclor-1260 {3}	17.97	22.06	8256	6033	0.143	0.113
Total Aroclor-1260			48362	38031	1.218	1.053
Average Aroclor-1260					0.406	0.351
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1254

$\frac{2.09 \times 10}{0.0301 \times .9 \times .666} \times 10 = 11,584$

12000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

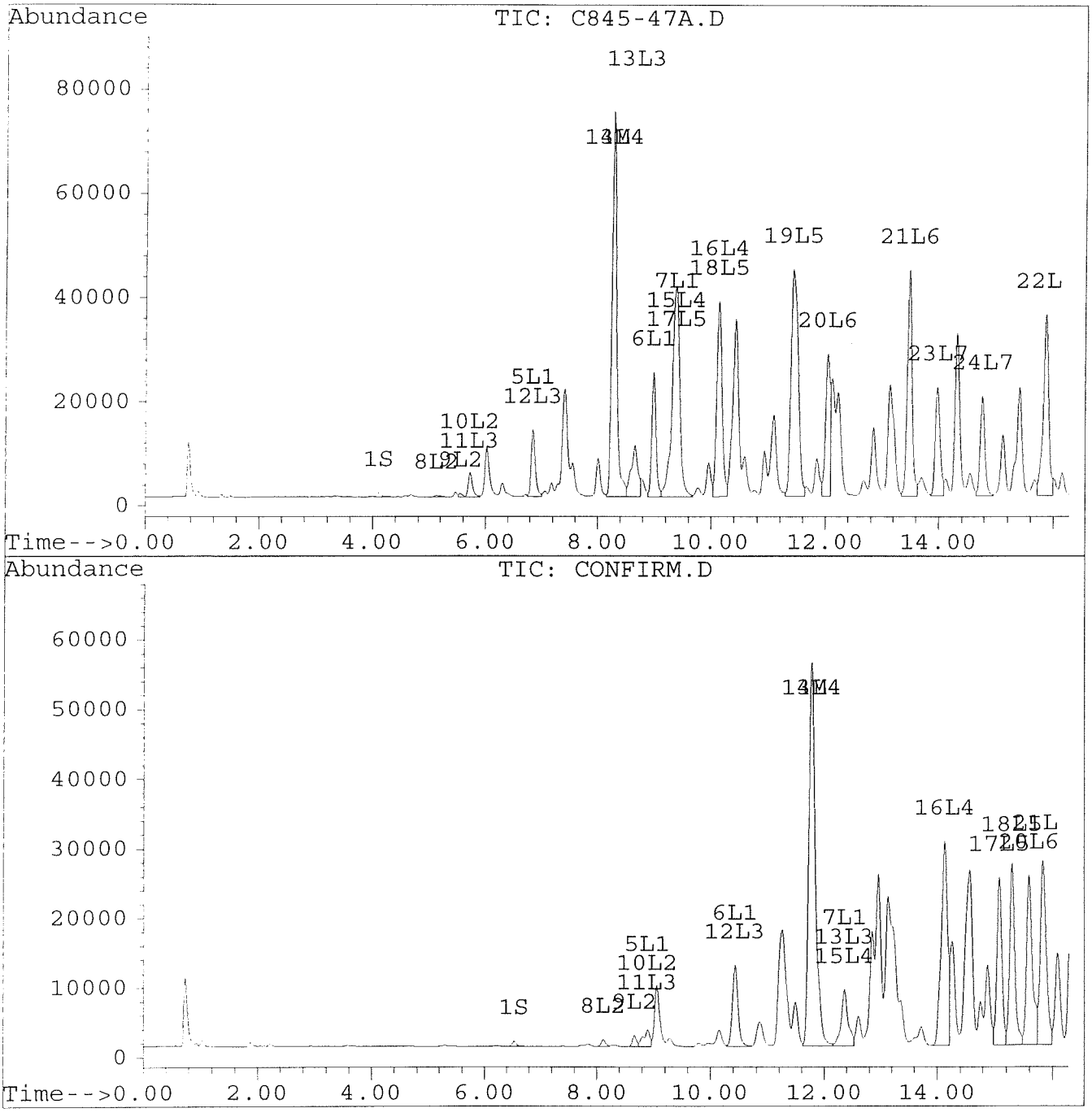
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-47A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-47A.D\CONFIRM.D
Acq On : 01 Sep 96 08:36 PM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 1 21:09 1996

Vial: 99
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0571

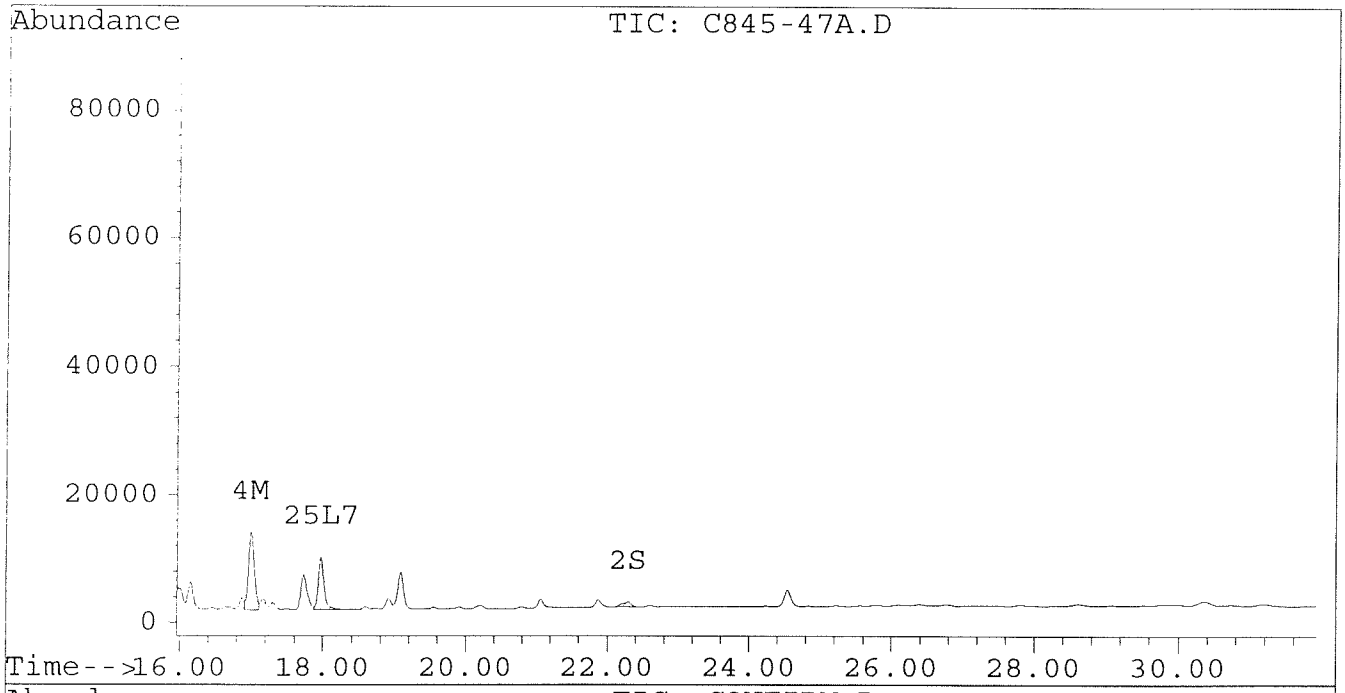
Quantitation Report

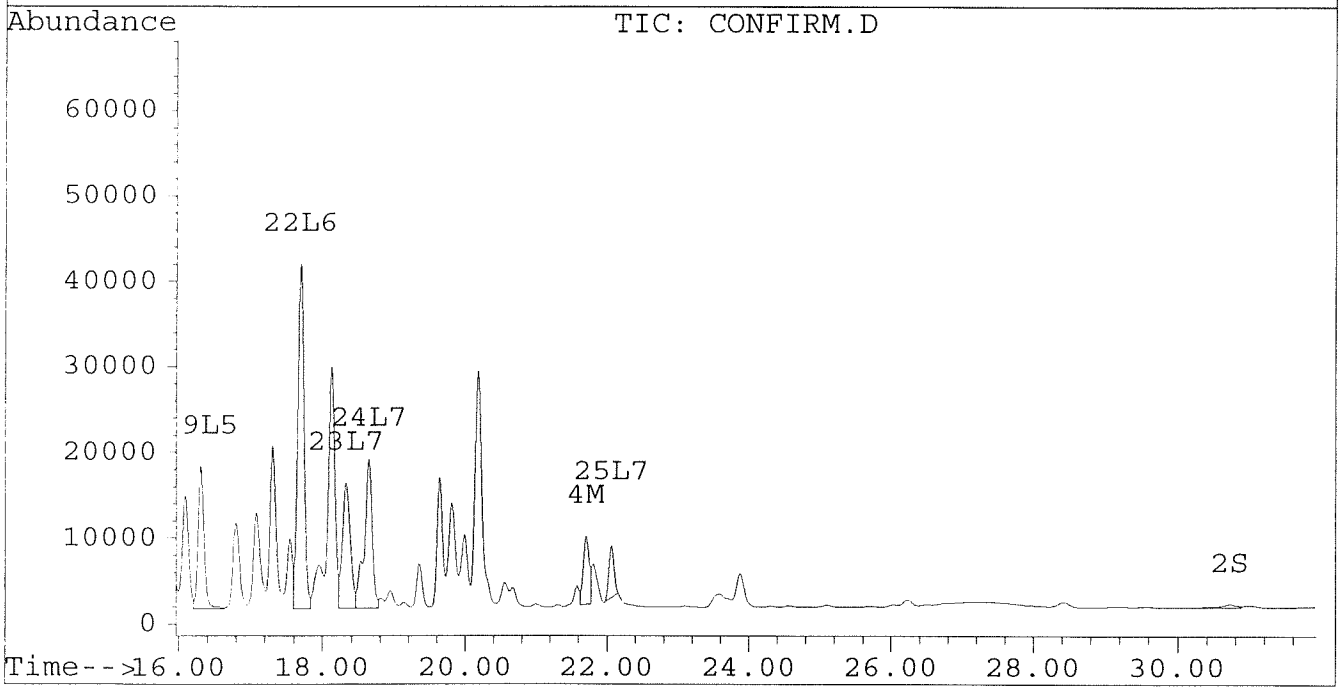
Signal #1 : D:\HPCHEM\5\AU29\C845-47A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-47A.D\CONFIRM.D
Acq On : 01 Sep 96 08:36 PM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 1 21:09 1996

Vial: 99
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0572

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-47C.D Vial: 11
Signal #2 : D:\HPCHEM\5\SE3\C845-47C.D\CONFIRM.D
Acq On : 03 Sep 96 07:56 PM Operator: JS
Sample : VHB / PO9 1:20 DILUTION Inst : ECD1
Misc : 30.1G/10ML 90% SOLID Multiplr: 1.00
Quant Time: Sep 3 20:30 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.05	6.46	358	325	0.002	0.002
				Recovery	=	5.00%	5.00%
2)	S Decachlorobiphenyl	22.20	0.00	279	0	0.001	N.D. #
				Recovery	=	2.50%	0.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.20	11.69	36084	27251	0.329	0.285
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.60	5425	3444	0.029	0.022
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	0.00	0.00	0	0	N.D.	N.D.
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	8.70	0.00	1817	0	0.219	N.D. #
	Total Aroclor-1232			1817	0	0.219	N.D.
	Average Aroclor-1232					0.219	0.000
14)	L4 Aroclor-1242	8.20	11.69	36084	27251	0.871	0.914
15)	L4 Aroclor-1242 {2}	9.30	12.27	21009	3895	1.080	0.295 #
16)	L4 Aroclor-1242 {3}	10.05	14.04	18721	14893	1.108	1.119
	Total Aroclor-1242			75814	46038	3.059	2.328
	Average Aroclor-1242					1.020	0.776
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0573

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-47C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-47C.D\CONFIRM.D
Acq On : 03 Sep 96 07:56 PM
Sample : VHB / PO9 1:20 DILUTION
Misc : 30.1G/10ML 90% SOLID
Quant Time: Sep 3 20:30 1996

Vial: 11
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	13544	12378	0.434	0.458
21) L6 Aroclor-1254 {2}	13.40	15.74	20577	13356	0.476	0.459
22) L6 Aroclor-1254 {3}	15.79	17.60	15942	19725	0.496	0.495
Total Aroclor-1254			50064	45460	1.407	1.412
Average Aroclor-1254					0.469	0.471
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	815	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	2555	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	21.78	0.00	533	0	NoCal	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR 1242

$$\frac{1.951 \times 10}{0.0301 \times .9 \times .666} \times 20 = 21,627$$

22000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0574

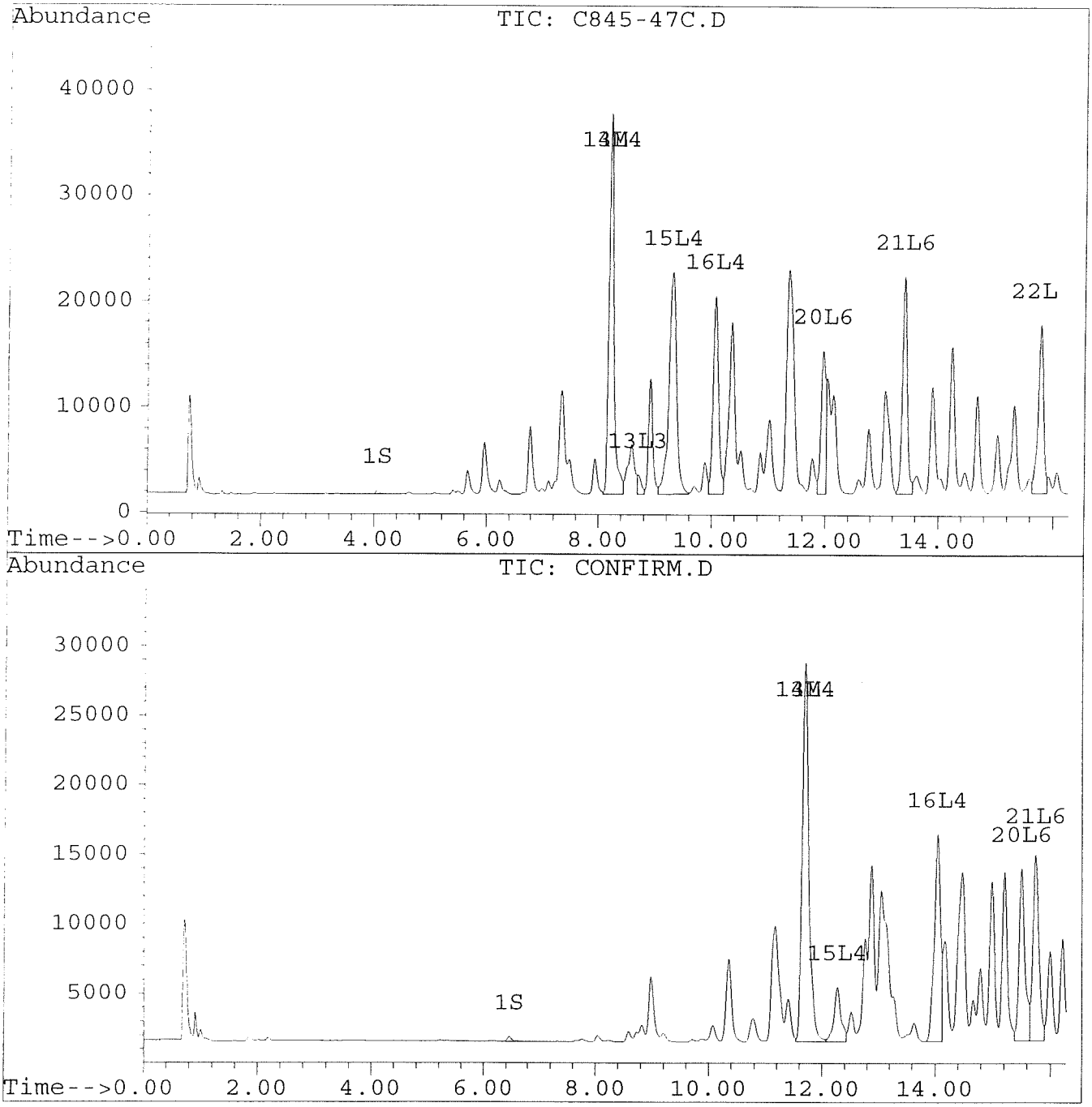
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-47C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-47C.D\CONFIRM.D
Acq On : 03 Sep 96 07:56 PM
Sample : VHB / PO9 1:20 DILUTION
Misc : 30.1G/10ML 90% SOLID
Quant Time: Sep 3 20:30 1996

Vial: 11
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0575

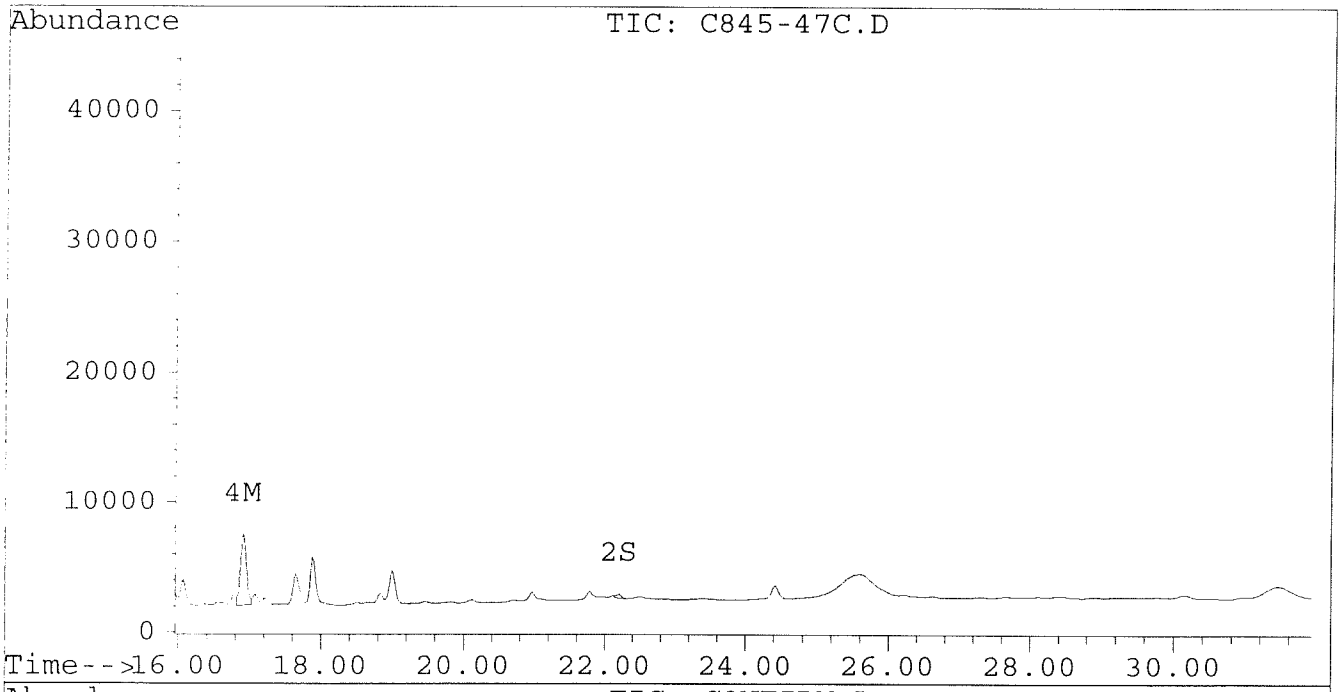
Quantitation Report

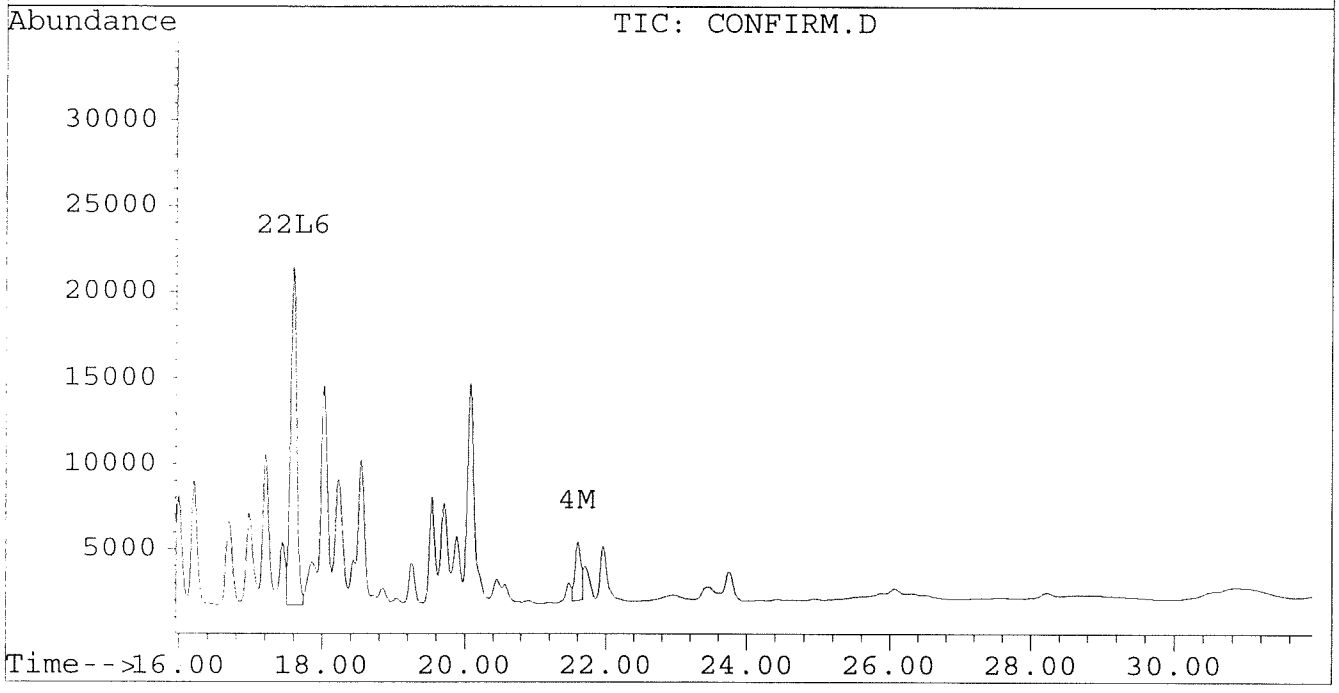
Signal #1 : D:\HPCHEM\5\SE3\C845-47C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-47C.D\CONFIRM.D
Acq On : 03 Sep 96 07:56 PM
Sample : VHB / PO9 1:20 DILUTION
Misc : 30.1G/10ML 90% SOLID
Quant Time: Sep 3 20:30 1996

Vial: 11
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0576

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-48A.D Vial: 100
Signal #2 : D:\HPCHEM\5\AU29\C845-48A.D\CONFIRM.D
Acq On : 01 Sep 96 09:11 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 21:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	510	475	0.002	0.002	
				Recovery	=	5.00%	5.00%	
2)	S Decachlorobiphenyl	22.29	30.74	799	391	0.004	0.004	
				Recovery	=	10.00%	10.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	9373	6819	0.086	0.071	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	373	169	0.002	0.001	#
5)	L1 Aroclor-1016	6.85	8.90	2262	318	0.071	0.024	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	2474	2132	0.141	0.076	#
7)	L1 Aroclor-1016 {3}	9.38	12.36	5574	920	0.215	0.053	#
	Total Aroclor-1016			10311	3369	0.427	0.153	
	Average Aroclor-1016					0.142	0.051	
8)	L2 Aroclor-1221	5.13	8.12	29	167	0.004	0.027	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	99	805	0.017	0.165	#
10)	L2 Aroclor-1221 {3}	5.71	8.90	1194	318	0.059	0.021	#
	Total Aroclor-1221			1322	1289	0.080	0.213	
	Average Aroclor-1221					0.027	0.071	
11)	L3 Aroclor-1232	5.71	8.90	1194	318	0.065	0.022	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	2262	2132	0.166	0.177	
13)	L3 Aroclor-1232 {3}	8.66	12.36	1216	920	0.147	0.133	
	Total Aroclor-1232			4672	3369	0.378	0.332	
	Average Aroclor-1232					0.126	0.111	
14)	L4 Aroclor-1242	8.27	11.78	9373	6819	0.226	0.229	
15)	L4 Aroclor-1242 {2}	9.38	12.36	5574	920	0.287	0.070	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	4737	3642	0.280	0.274	
	Total Aroclor-1242			19684	11380	0.793	0.572	
	Average Aroclor-1242					0.264	0.191	
17)	L5 Aroclor-1248	9.38	15.08	5574	3377	0.175	0.150	
18)	L5 Aroclor-1248 {2}	10.13	15.30	4737	4040	0.173	0.173	
19)	L5 Aroclor-1248 {3}	11.46	16.31	5442	2664	0.156	0.149	
	Total Aroclor-1248			15753	10081	0.504	0.472	
	Average Aroclor-1248					0.168	0.157	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-48A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-48A.D\CONFIRM.D
Acq On : 01 Sep 96 09:11 PM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 1 21:45 1996

Vial: 100
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	1541	1434	0.049	0.053
21) L6 Aroclor-1254 {2}	13.48	15.84	2085	1563	0.048	0.054
22) L6 Aroclor-1254 {3}	15.87	17.69	1021	1903	0.032	0.048 #
Total Aroclor-1254			4647	4899	0.129	0.155
Average Aroclor-1254					0.043	0.052
23) L7 Aroclor-1260	13.97	18.32	1131	523	0.033	0.016 #
24) L7 Aroclor-1260 {2}	14.76	18.64	608	523	0.015	0.015
25) L7 Aroclor-1260 {3}	17.98	22.07	713	202	0.012	0.004 #
Total Aroclor-1260			2452	1247	0.060	0.035
Average Aroclor-1260					0.020	0.012
26) L8 Aroclor-1268	0.00	23.32	0	756	N.D.	0.176 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	28.11	0	138	N.D.	NoCal
Total Aroclor-1268			0	756	N.D.	0.176
Average Aroclor-1268					0.000	0.176

AR1242

$$\frac{0.513 \times 10}{0.0304 \times .84 \times .666} \times 10 = 3,616$$

(3000)

AR1254

$$\frac{0.68 \times 10}{0.0304 \times .84 \times .666} \times 10 = (470)$$

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

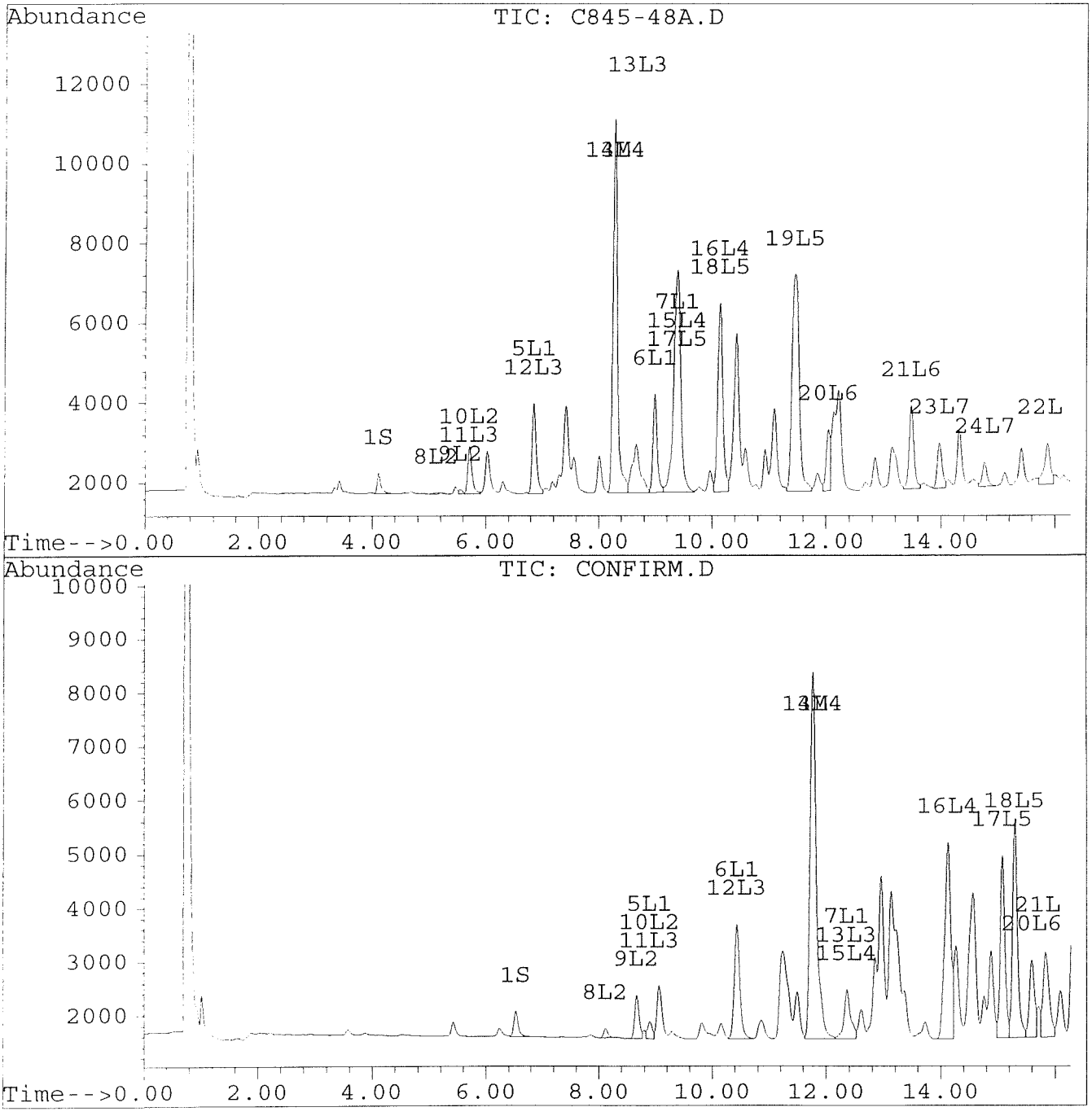
0578

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-48A.D Vial: 100
Signal #2 : D:\HPCHEM\5\AU29\C845-48A.D\CONFIRM.D
Acq On : 01 Sep 96 09:11 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 21:45 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0579

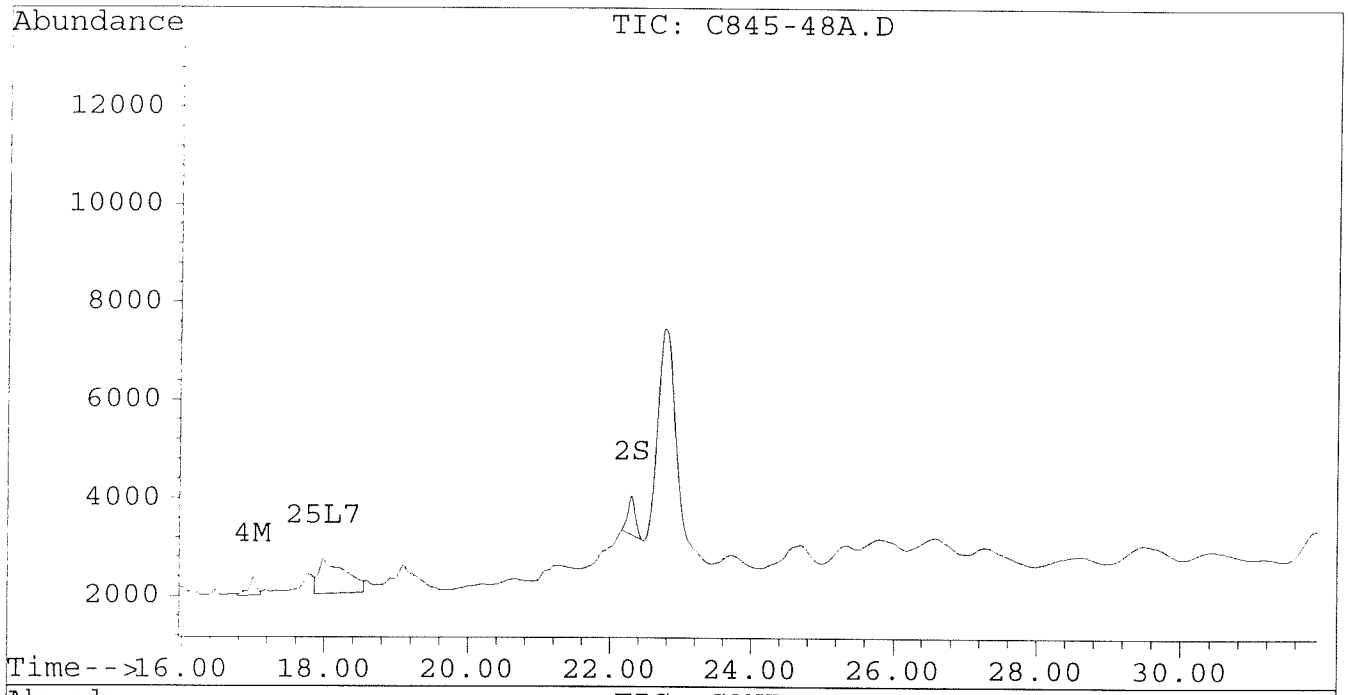
Quantitation Report

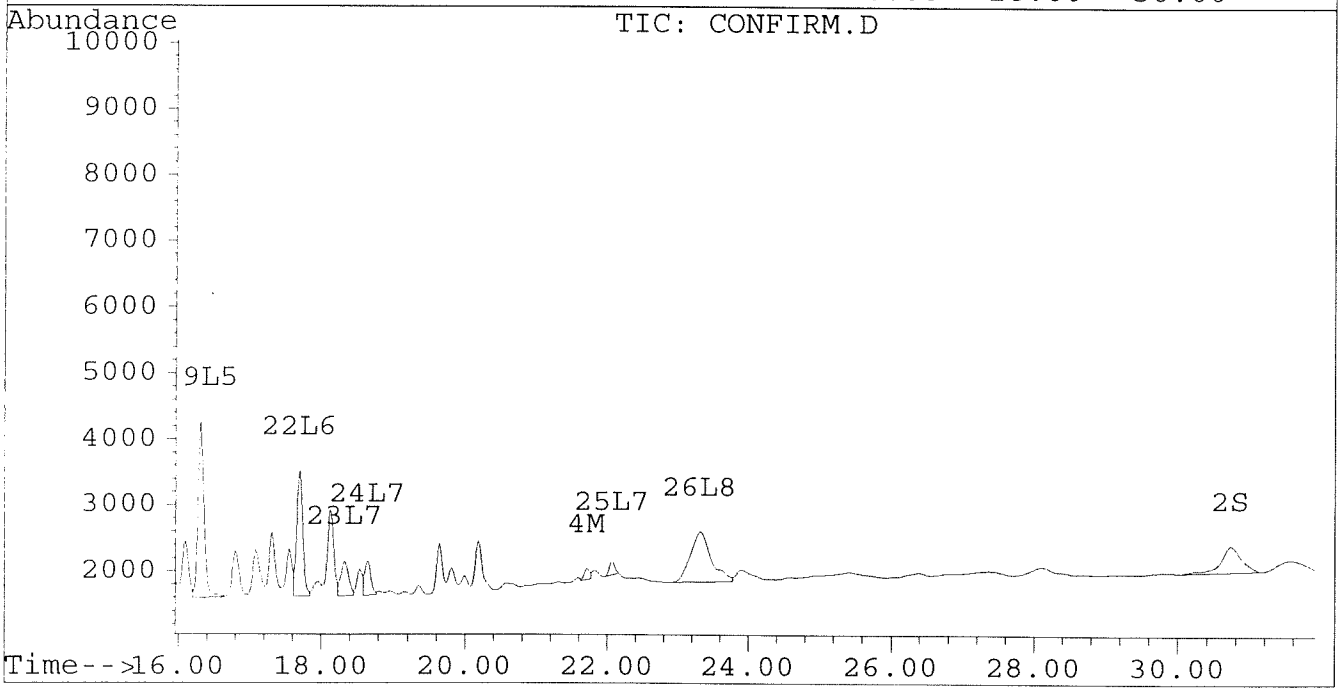
Signal #1 : D:\HPCHEM\5\AU29\C845-48A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-48A.D\CONFIRM.D
Acq On : 01 Sep 96 09:11 PM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 1 21:45 1996

Vial: 100
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0580

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-49A.D Vial: 1
Signal #2 : D:\HPCHEM\5\AU29\C845-49A.D\CONFIRM.D
Acq On : 01 Sep 96 09:47 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 22:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	871	750	0.004	0.004	
					Recovery	=	10.00%	10.00%	
2)	S	Decachlorobiphenyl	22.29	30.72	767	397	0.004	0.004	
					Recovery	=	10.00%	10.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	47506	34240	0.434	0.357	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.70	8040	5197	0.043	0.033	
5)	L1	Aroclor-1016	6.85	8.90	10245	1951	0.320	0.145	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	14006	9196	0.798	0.329	#
7)	L1	Aroclor-1016 {3}	9.37	12.36	26459	5884	1.020	0.341	#
	Total	Aroclor-1016			50709	17031	2.139	0.815	
	Average	Aroclor-1016					0.713	0.272	
8)	L2	Aroclor-1221	0.00	8.12	0	1844	N.D.	0.302	#
9)	L2	Aroclor-1221 {2}	5.55	8.67	653	1557	0.112	0.319	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	4018	1951	0.199	0.127	#
	Total	Aroclor-1221			4672	5352	0.311	0.748	
	Average	Aroclor-1221					0.155	0.249	
11)	L3	Aroclor-1232	5.72	8.90	4018	1951	0.220	0.136	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	10245	9196	0.751	0.765	
13)	L3	Aroclor-1232 {3}	8.66	12.36	6897	5884	0.833	0.849	
	Total	Aroclor-1232			21160	17031	1.804	1.750	
	Average	Aroclor-1232					0.601	0.583	
14)	L4	Aroclor-1242	8.27	11.78	47506	34240	1.147	1.149	
15)	L4	Aroclor-1242 {2}	9.37	12.36	26459	5884	1.360	0.445	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	24328	18714	1.440	1.407	
	Total	Aroclor-1242			98293	58839	3.947	3.001	
	Average	Aroclor-1242					1.316	1.000	
17)	L5	Aroclor-1248	9.37	15.08	26459	16533	0.831	0.734	
18)	L5	Aroclor-1248 {2}	10.13	15.30	24328	17253	0.888	0.739	
19)	L5	Aroclor-1248 {3}	11.43	16.31	30585	11094	0.879	0.621	#
	Total	Aroclor-1248			81372	44880	2.599	2.094	
	Average	Aroclor-1248					0.866	0.698	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0581

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-49A.D Vial: 1
Signal #2 : D:\HPCHEM\5\AU29\C845-49A.D\CONFIRM.D
Acq On : 01 Sep 96 09:47 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 22:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
20) L6 Aroclor-1254	12.04	15.59	19576	16790	0.627	0.621	
21) L6 Aroclor-1254 {2}	13.48	15.83	30782	18638	0.713	0.641	
22) L6 Aroclor-1254 {3}	15.87	17.69	23627	28043	0.736	0.704	
Total Aroclor-1254			73985	63471	2.075	1.966	
Average Aroclor-1254					0.692	0.655	
23) L7 Aroclor-1260	13.98	18.32	14651	10039	0.422	0.314	#
24) L7 Aroclor-1260 {2}	14.76	18.64	13328	11868	0.328	0.330	
25) L7 Aroclor-1260 {3}	17.97	22.06	5713	3952	0.099	0.074	#
Total Aroclor-1260			33692	25860	0.849	0.718	
Average Aroclor-1260					0.283	0.239	
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.	
27) L8 Aroclor-1268 {2}	0.00	23.55	0	1073	N.D.	NoCal	
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.	
Total Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

AR1242

$\frac{2.507 \quad \times 10}{0.030 \times .88 \times .666} \times 10 = 14,164$

14000

AR1254

$\frac{1.449 \quad \times 10}{0.030 \times .88 \times .666} \times 10 = 8179$

8200

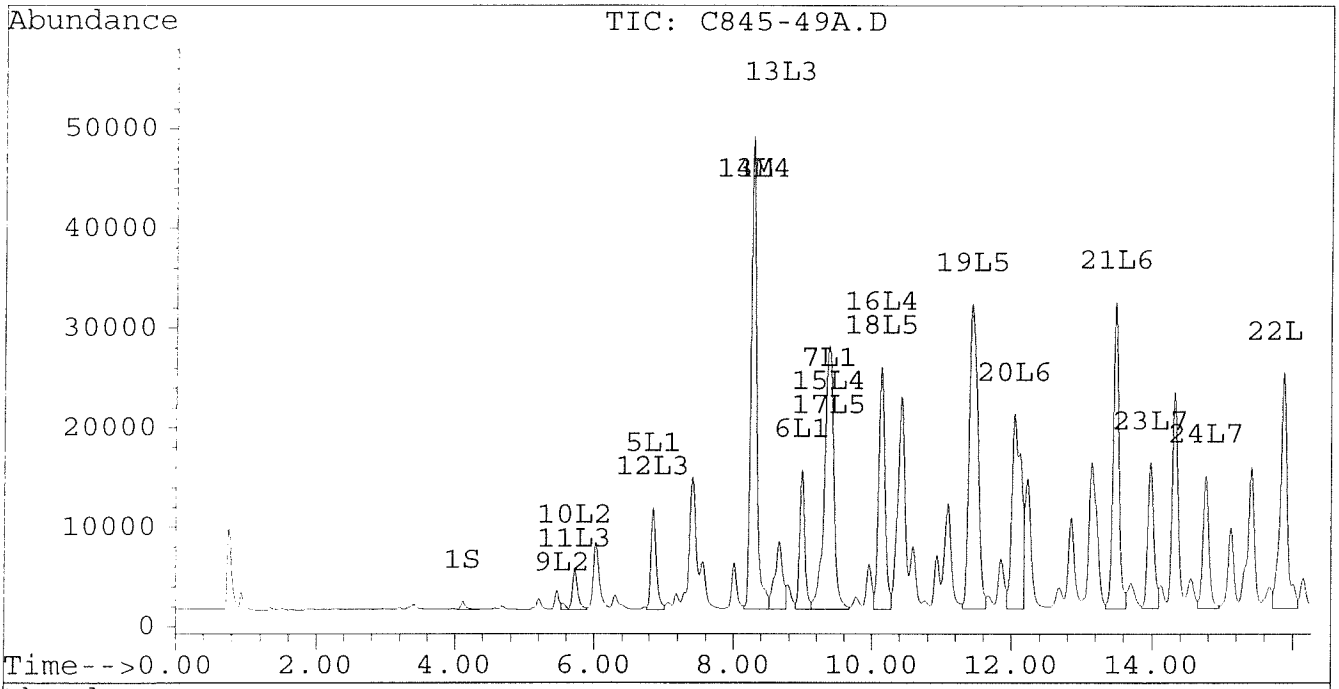
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

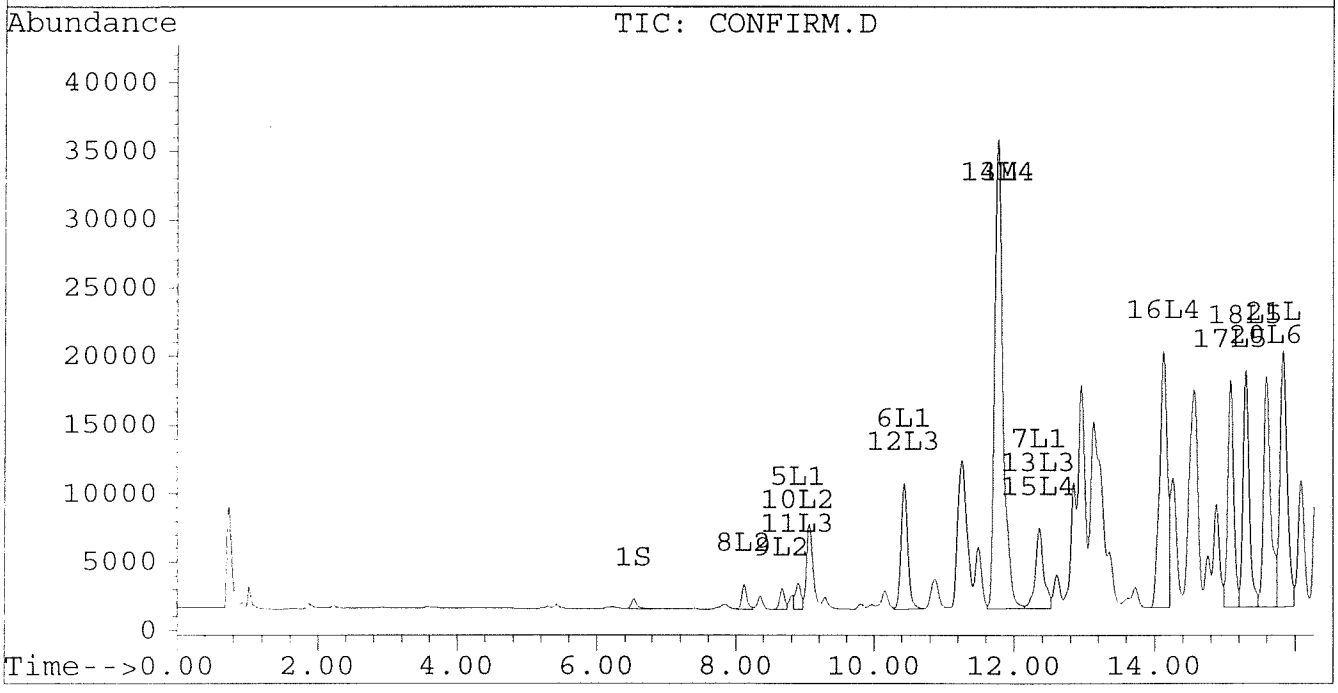
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-49A.D Vial: 1
Signal #2 : D:\HPCHEM\5\AU29\C845-49A.D\CONFIRM.D
Acq On : 01 Sep 96 09:47 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 22:21 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0583

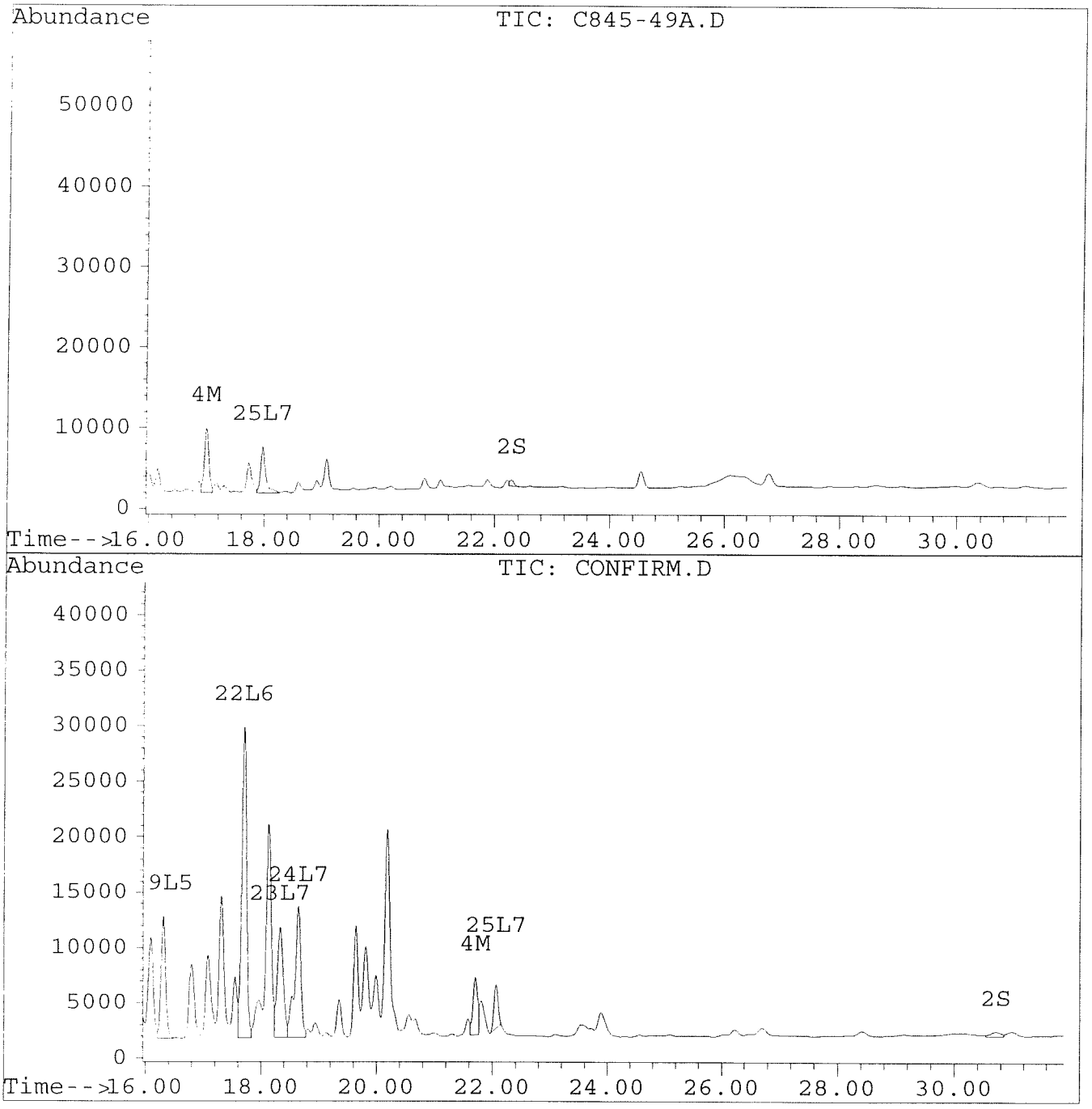
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-49A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-49A.D\CONFIRM.D
Acq On : 01 Sep 96 09:47 PM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 1 22:21 1996

Vial: 1
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-50C.D Vial: 18
Signal #2 : D:\HPCHEM\5\SE3\C845-50C.D\CONFIRM.D
Acq On : 04 Sep 96 01:52 AM Operator: JS
Sample : VHB / PQ8 Inst : ECD1
Misc : 30.4G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 4 2:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.05	6.46	8770	6774	0.037	0.035
				Recovery	=	92.50%	87.50%
2)	S Decachlorobiphenyl	0.00	0.00	0	0	N.D.	N.D.
				Recovery	=	0.00%	0.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.20	11.69	21901	14898	0.200	0.156
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.61	2394	1295	0.013	0.008 #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	5.15	0.00	408	0	0.058	N.D. #
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			408	0	0.058	N.D.
	Average Aroclor-1221					0.058	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	8.71f	0.00	1647	0	0.199	N.D. #
	Total Aroclor-1232			1647	0	0.199	N.D.
	Average Aroclor-1232					0.199	0.000
14)	L4 Aroclor-1242	8.20	11.69	21901	14898	0.529	0.500
15)	L4 Aroclor-1242 {2}	9.30	12.27	11881	3370	0.611	0.255 #
16)	L4 Aroclor-1242 {3}	10.05	14.04	11246	8162	0.666	0.613
	Total Aroclor-1242			45028	26430	1.805	1.368
	Average Aroclor-1242					0.602	0.456
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-50C.D Vial: 18
Signal #2 : D:\HPCHEM\5\SE3\C845-50C.D\CONFIRM.D
Acq On : 04 Sep 96 01:52 AM Operator: JS
Sample : VHB / PQ8 Inst : ECD1
Misc : 30.4G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 4 2:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	5817	5183	0.186	0.192
21) L6 Aroclor-1254 {2}	13.40	15.74	8656	5833	0.200	0.200
22) L6 Aroclor-1254 {3}	15.79	17.60	5859	8141	0.182	0.204
Total Aroclor-1254			20332	19157	0.569	0.597
Average Aroclor-1254					0.190	0.199
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	422	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	1102	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$$\frac{1.14 \times 10}{0.0304 \times .88 \times .666} \times 10 = 6398$$

6400

AR1254

$$\frac{0.382 \times 10}{0.0304 \times .88 \times .666} \times 10 = 2,144$$

2100

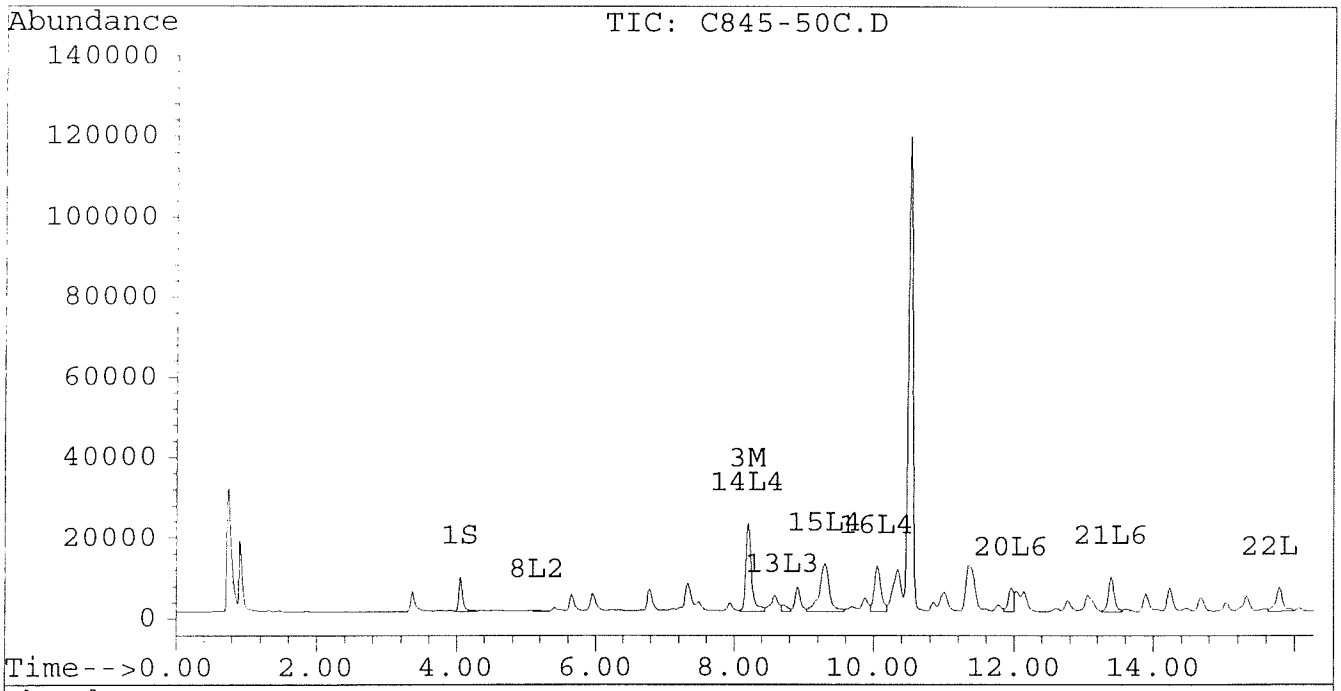
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

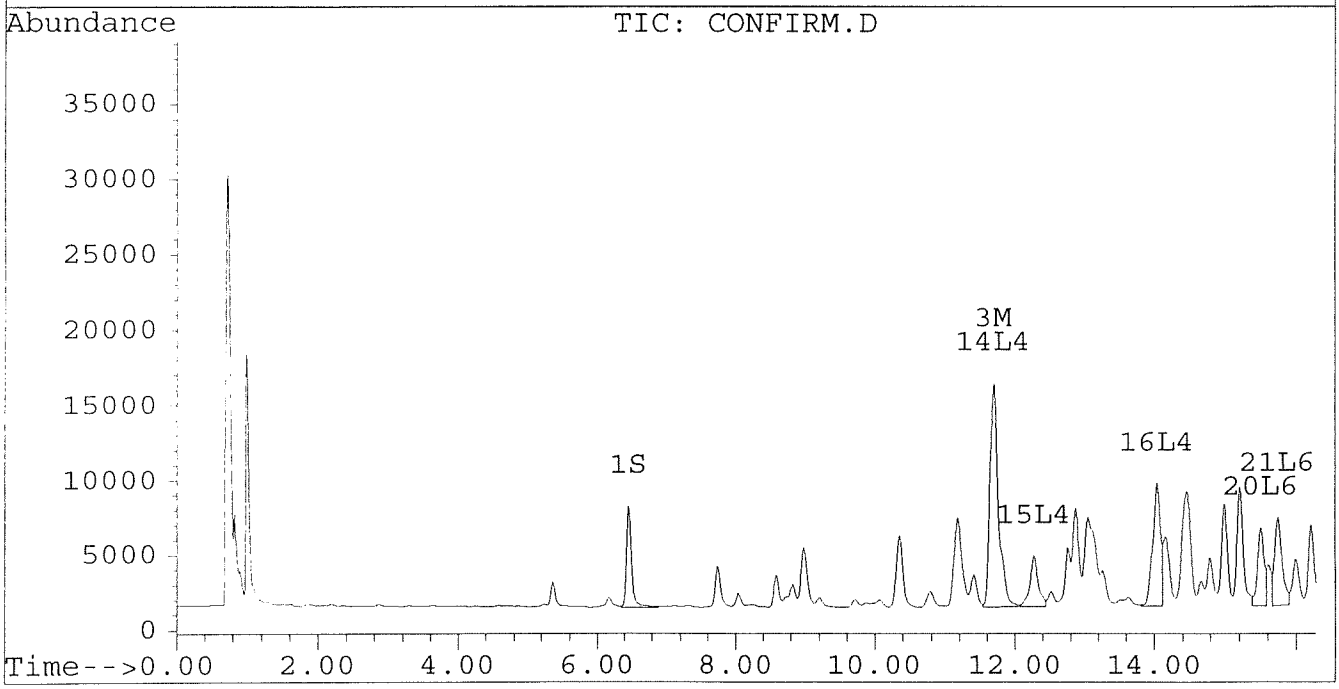
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-50C.D Vial: 18
Signal #2 : D:\HPCHEM\5\SE3\C845-50C.D\CONFIRM.D
Acq On : 04 Sep 96 01:52 AM Operator: JS
Sample : VHB / PQ8 Inst : ECD1
Misc : 30.4G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 4 2:26 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0587

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-50C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-50C.D\CONFIRM.D
Acq On : 04 Sep 96 01:52 AM
Sample : VHB / PQ8
Misc : 30.4G/10ML 88% SOLID
Quant Time: Sep 4 2:26 1996

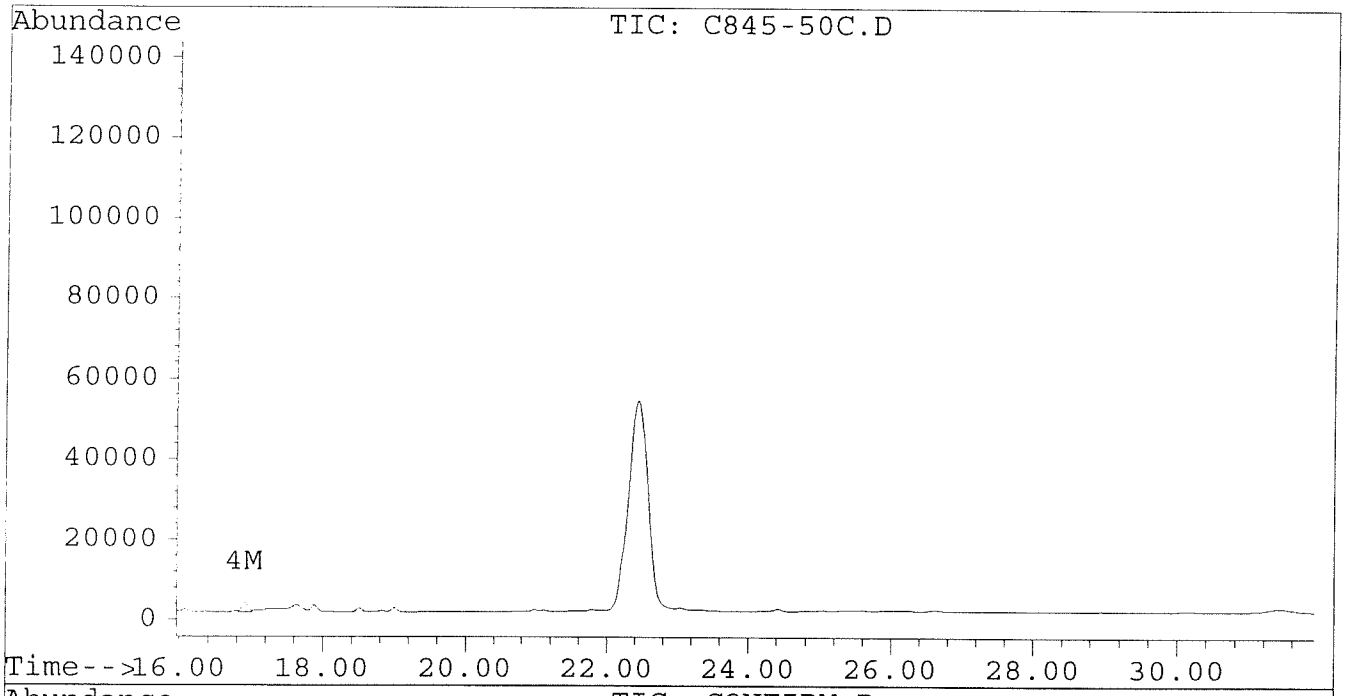
Vial: 18

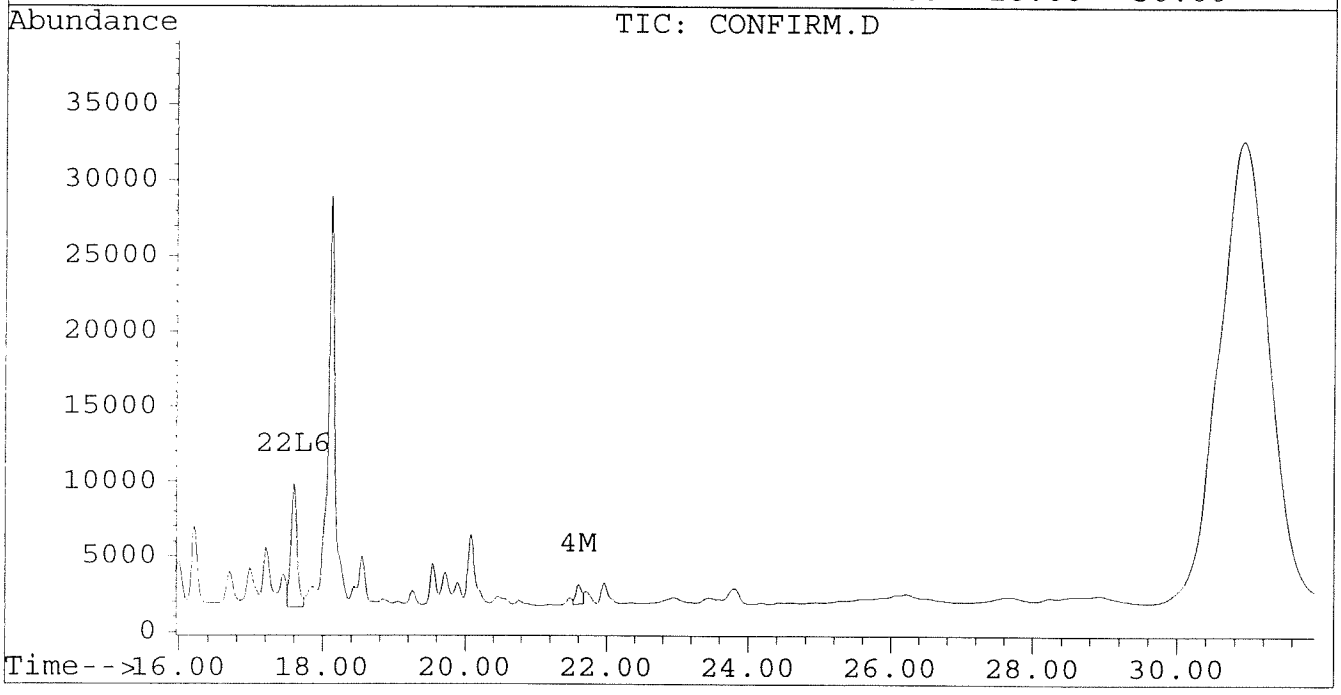
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-51A.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU29\C845-51A.D\CONFIRM.D
Acq On : 01 Sep 96 10:58 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 23:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	666	569	0.003	0.003	
				Recovery	=	7.50%	7.50%	
2) S	Decachlorobiphenyl	22.30	30.72	540	226	0.003	0.003	
				Recovery	=	7.50%	7.50%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	14467	10075	0.132	0.105	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.71	2043	1259	0.011	0.008	#
5) L1	Aroclor-1016	6.85	8.90	3535	634	0.110	0.047	#
6) L1	Aroclor-1016 {2}	8.99	10.43	3909	3199	0.223	0.115	#
7) L1	Aroclor-1016 {3}	9.37	12.36	8394	1955	0.324	0.113	#
Total	Aroclor-1016			15838	5788	0.657	0.275	
Average	Aroclor-1016					0.219	0.092	
8) L2	Aroclor-1221	5.13	8.12	60	176	0.009	0.029	#
9) L2	Aroclor-1221 {2}	5.55	8.67	153	370	0.026	0.076	#
10) L2	Aroclor-1221 {3}	5.73	8.90	1205	634	0.060	0.041	#
Total	Aroclor-1221			1419	1180	0.094	0.146	
Average	Aroclor-1221					0.031	0.049	
11) L3	Aroclor-1232	5.73	8.90	1205	634	0.066	0.044	#
12) L3	Aroclor-1232 {2}	6.85	10.43	3535	3199	0.259	0.266	
13) L3	Aroclor-1232 {3}	8.66	12.36	2186	1955	0.264	0.282	
Total	Aroclor-1232			6926	5788	0.589	0.592	
Average	Aroclor-1232					0.196	0.197	
14) L4	Aroclor-1242	8.27	11.78	14467	10075	0.349	0.338	
15) L4	Aroclor-1242 {2}	9.37	12.36	8394	1955	0.431	0.148	#
16) L4	Aroclor-1242 {3}	10.13	14.13	7222	5606	0.427	0.421	
Total	Aroclor-1242			30083	17635	1.208	0.907	
Average	Aroclor-1242					0.403	0.302	
17) L5	Aroclor-1248	9.37	15.08	8394	4700	0.264	0.209	
18) L5	Aroclor-1248 {2}	10.13	15.30	7222	4852	0.264	0.208	
19) L5	Aroclor-1248 {3}	11.43	16.31	9029	2963	0.259	0.166	#
Total	Aroclor-1248			24644	12515	0.787	0.582	
Average	Aroclor-1248					0.262	0.194	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-51A.D Vial: 3
Signal #2 : D:\HPCHEM\5\AU29\C845-51A.D\CONFIRM.D
Acq On : 01 Sep 96 10:58 PM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 1 23:32 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	5700	4868	0.183	0.180
21) L6 Aroclor-1254 {2}	13.48	15.83	8200	5387	0.190	0.185
22) L6 Aroclor-1254 {3}	15.87	17.69	6030	7448	0.188	0.187
Total Aroclor-1254			19930	17703	0.560	0.552
Average Aroclor-1254					0.187	0.184
23) L7 Aroclor-1260	13.98	18.33	4020	2745	0.116	0.086 #
24) L7 Aroclor-1260 {2}	14.76	18.64	3589	3186	0.088	0.089
25) L7 Aroclor-1260 {3}	17.97	22.06	1427	1010	0.025	0.019
Total Aroclor-1260			9036	6941	0.229	0.193
Average Aroclor-1260					0.076	0.064
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.55	0	358	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{0.78 \quad \times 10}{0.0303 \times .92 \times .666} \times 10 = 4201$

4200

AR 1254

$\frac{0.378 \times 10}{0.0303 \times 92 \times .666} \times 10 = 2036$

2000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0590

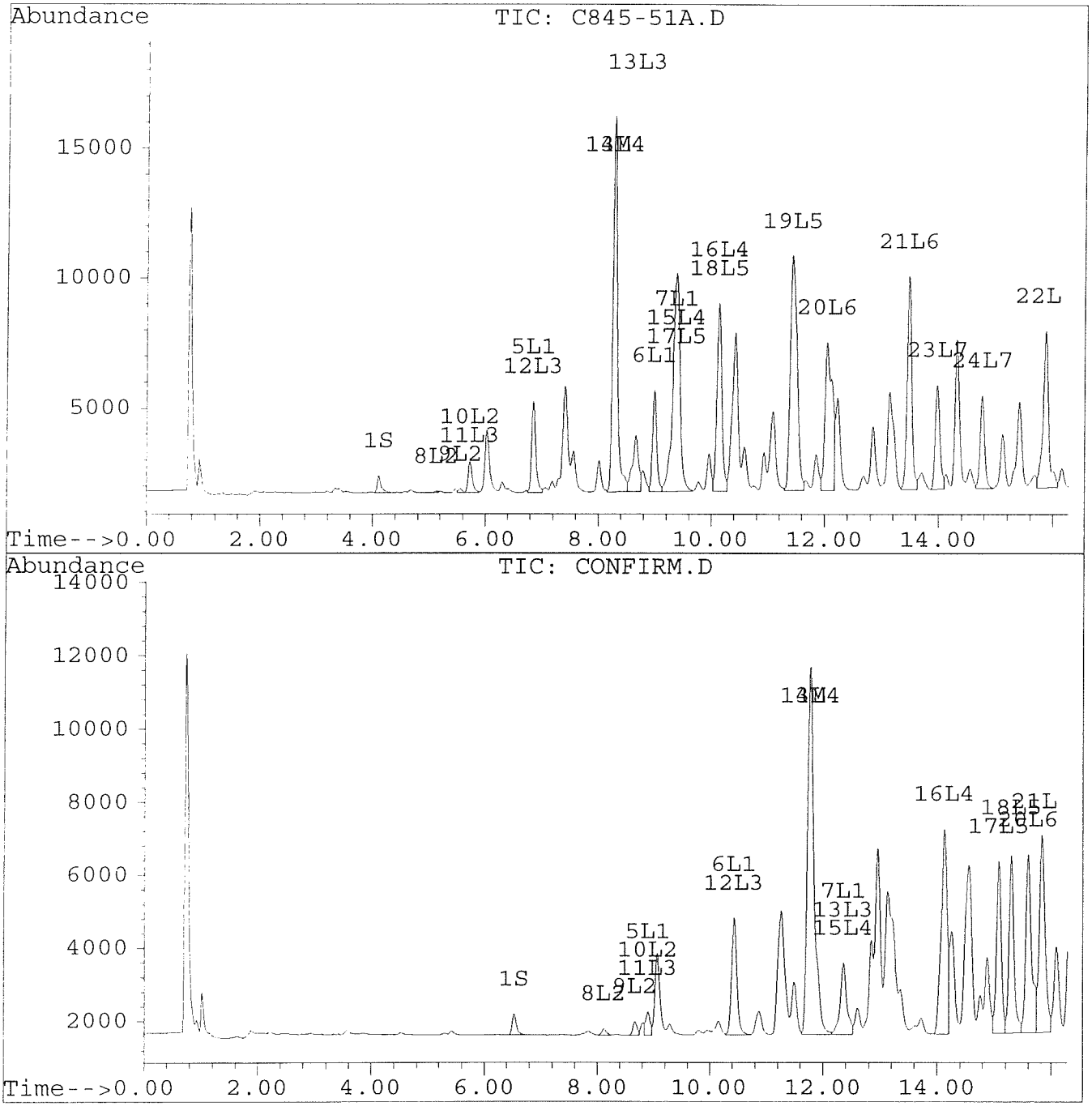
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-51A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-51A.D\CONFIRM.D
Acq On : 01 Sep 96 10:58 PM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 1 23:32 1996

Vial: 3
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-51A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-51A.D\CONFIRM.D
Acq On : 01 Sep 96 10:58 PM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 1 23:32 1996

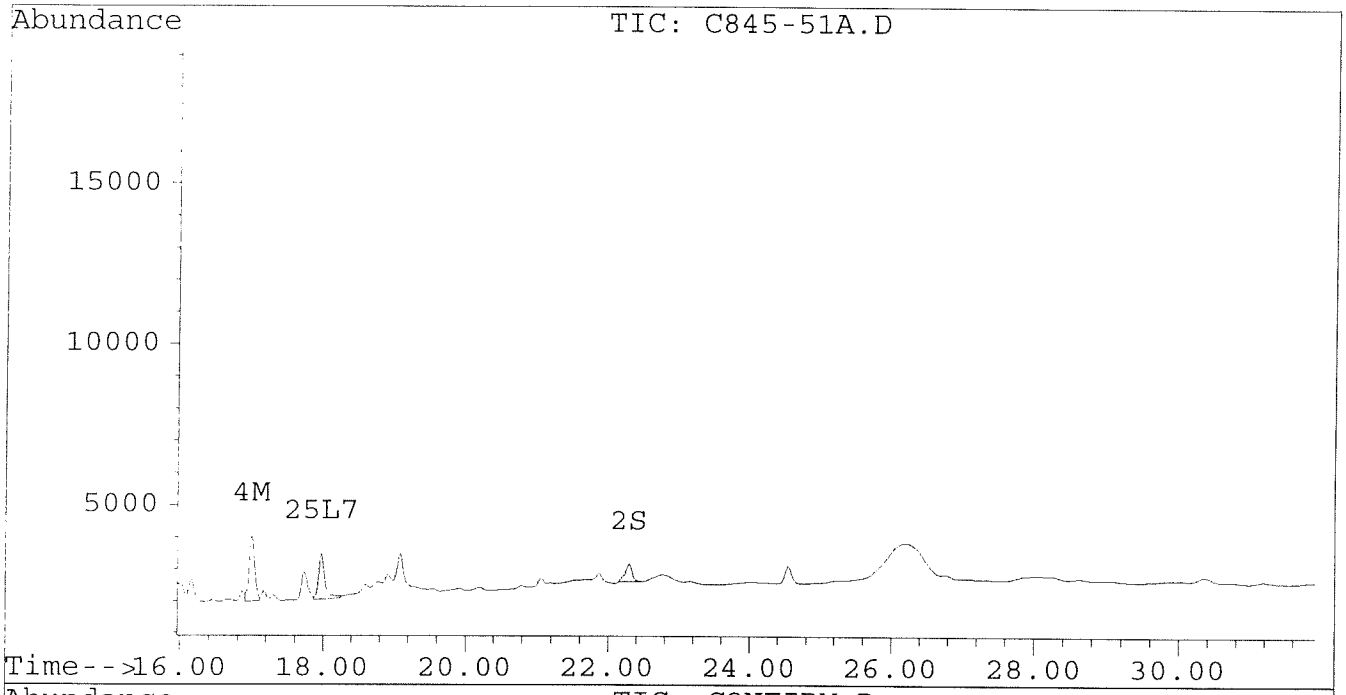
Vial: 3

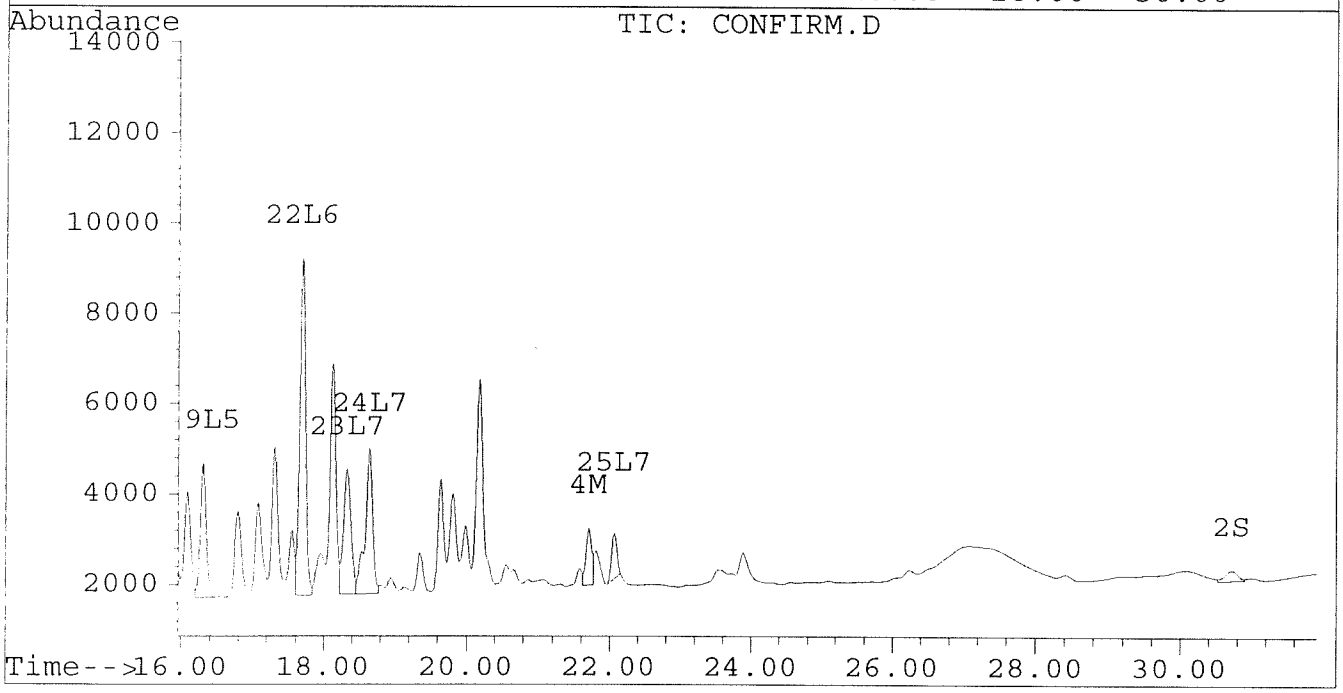
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0592

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-52C.D Vial: 19
Signal #2 : D:\HPCHEM\5\SE3\C845-52C.D\CONFIRM.D
Acq On : 04 Sep 96 02:27 AM Operator: JS
Sample : VHB / PR7 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID Multiplr: 1.00
Quant Time: Sep 4 12:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.05	6.46	9386	7346	0.039	0.038
				Recovery	=	97.50%	95.00%
2)	S Decachlorobiphenyl	22.20	30.48	6117	2536	0.029m	0.029
				Recovery	=	72.50%	72.50%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.20	11.69	13062	9110	0.119	0.095
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.60	2047	1109	0.011	0.007 #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	5.16	0.00	177	0	0.025	N.D. #
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			177	0	0.025	N.D.
	Average Aroclor-1221					0.025	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	8.71f	0.00	822	0	0.099	N.D. #
	Total Aroclor-1232			822	0	0.099	N.D.
	Average Aroclor-1232					0.099	0.000
14)	L4 Aroclor-1242	8.20	11.69	13062	9110	0.315	0.306
15)	L4 Aroclor-1242 {2}	9.30	12.27	7027	1718	0.361	0.130 #
16)	L4 Aroclor-1242 {3}	10.05	14.04	6139	4774	0.363	0.359
	Total Aroclor-1242			26228	15602	1.040	0.794
	Average Aroclor-1242					0.347	0.265
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-52C.D Vial: 19
Signal #2 : D:\HPCHEM\5\SE3\C845-52C.D\CONFIRM.D
Acq On : 04 Sep 96 02:27 AM Operator: JS
Sample : VHB / PR7 Inst : ECD1
Misc : 30.3G/10ML 92% SOLID Multiplr: 1.00
Quant Time: Sep 4 12:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	4424	3940	0.142	0.146
21) L6	Aroclor-1254 {2}	13.40	15.74	6574	4264	0.152	0.147
22) L6	Aroclor-1254 {3}	15.79	17.60	5129	5979	0.160	0.150
Total	Aroclor-1254			16127	14182	0.454	0.442
Average	Aroclor-1254					0.151	0.147
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.83f	0.00	313	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.00	23.49	883	798	NoCal	NoCal
28) L8	Aroclor-1268 {3}	21.79	0.00	164	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$\frac{0.656 \times 10}{0.0303 \times .92 \times .666} = 364$

360

AR1254

$\frac{0.312 \times 10}{0.0303 \times .92 \times .666} = 168$

170

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

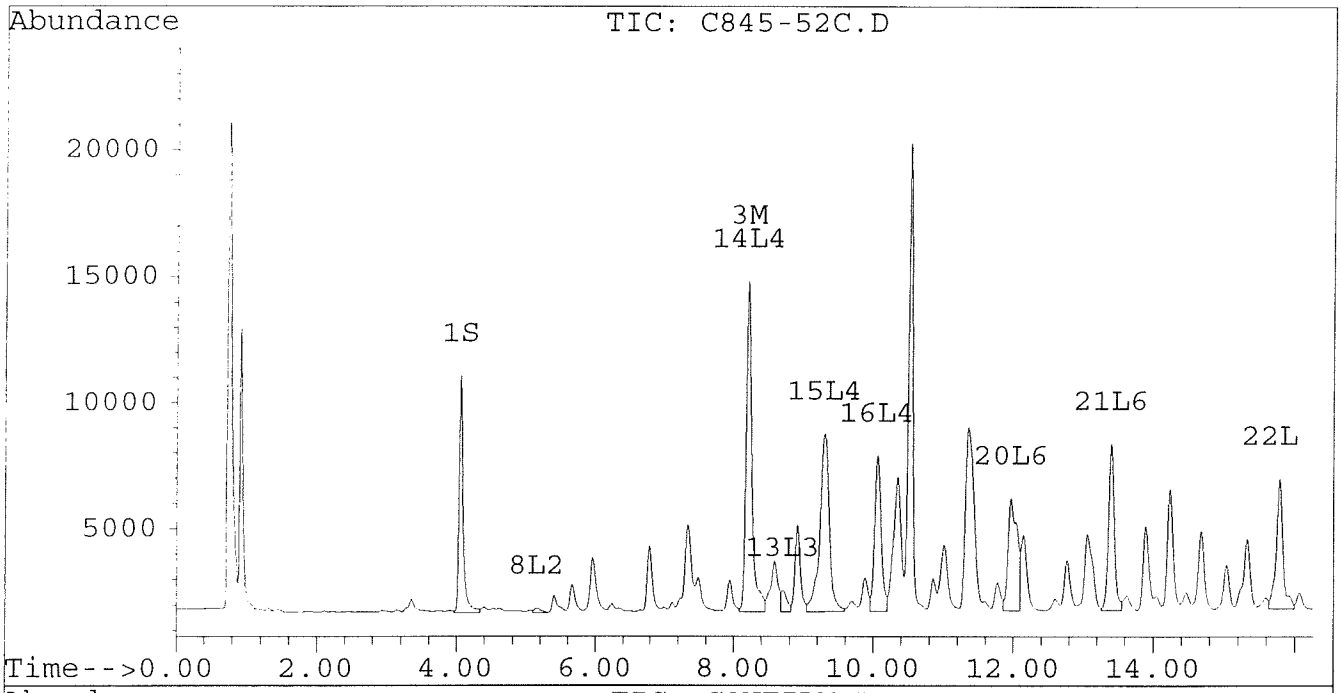
Quantitation Report

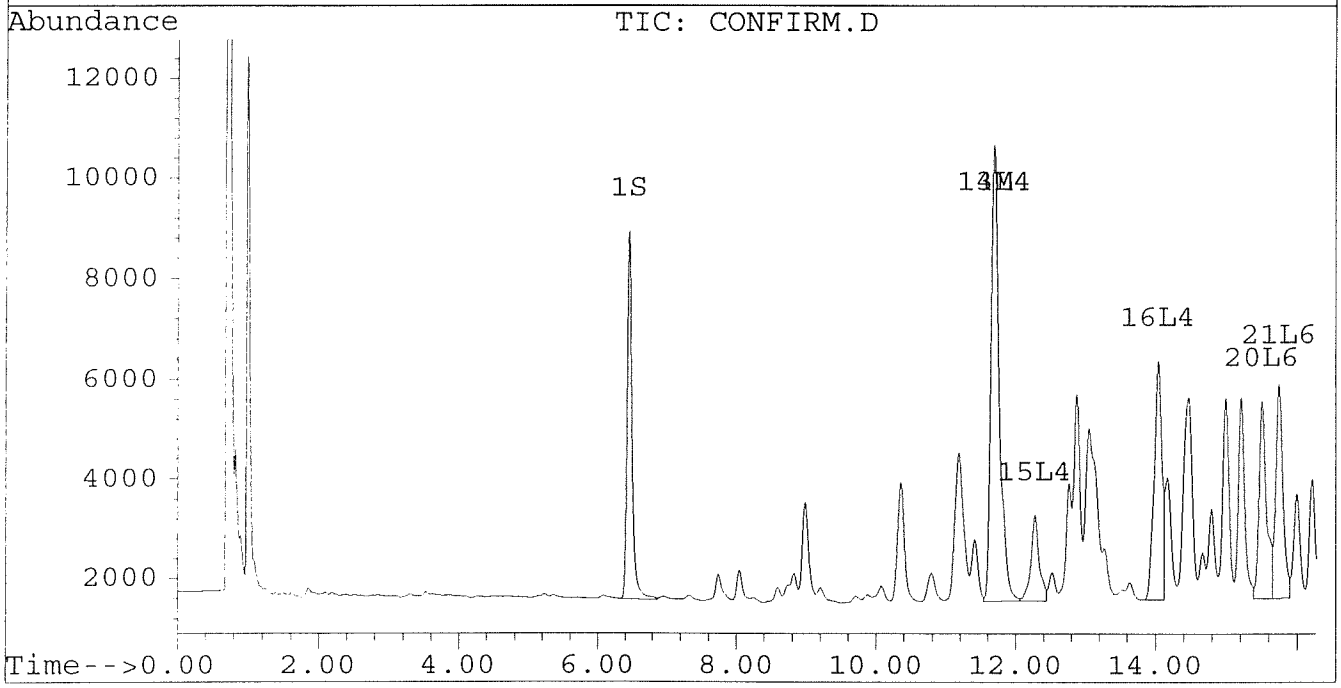
Signal #1 : D:\HPCHEM\5\SE3\C845-52C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-52C.D\CONFIRM.D
Acq On : 04 Sep 96 02:27 AM
Sample : VHB / PR7
Misc : 30.3G/10ML 92% SOLID
Quant Time: Sep 4 12:07 1996

Vial: 19
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-52C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-52C.D\CONFIRM.D
Acq On : 04 Sep 96 02:27 AM
Sample : VHB / PR7
Misc : 30.3G/10ML 92% SOLID
Quant Time: Sep 4 12:07 1996

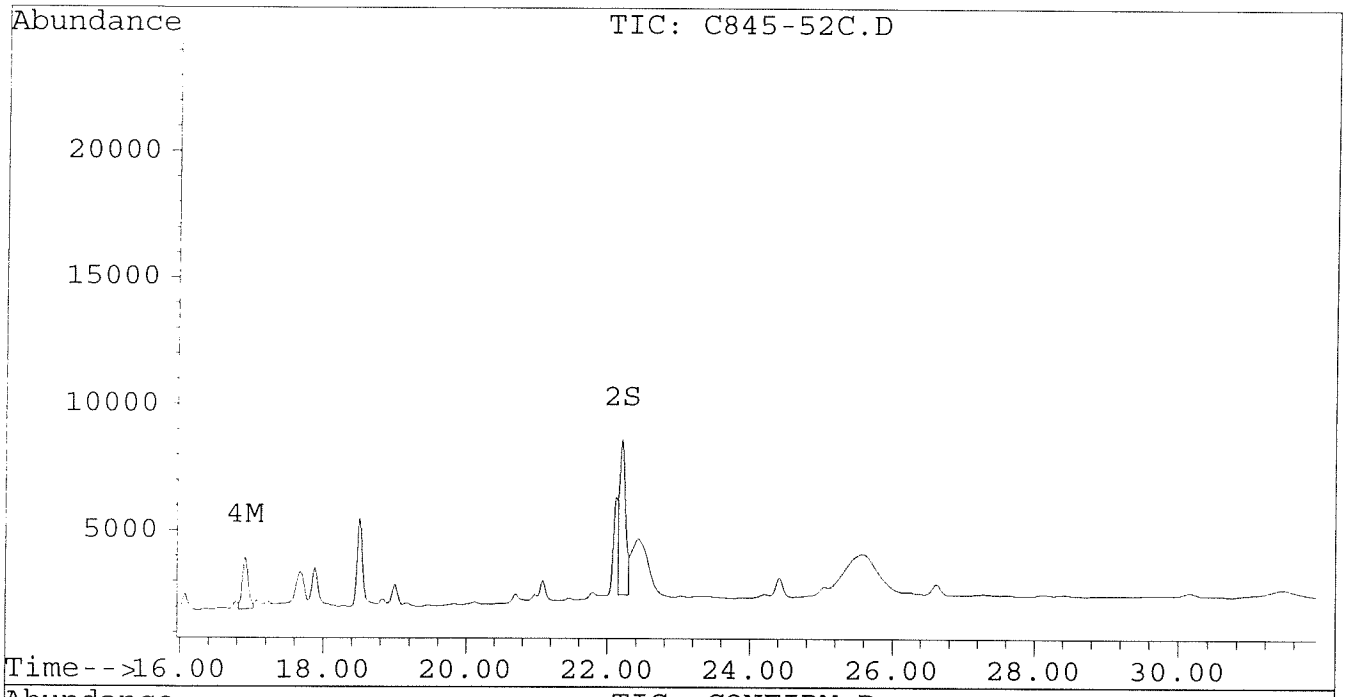
Vial: 19

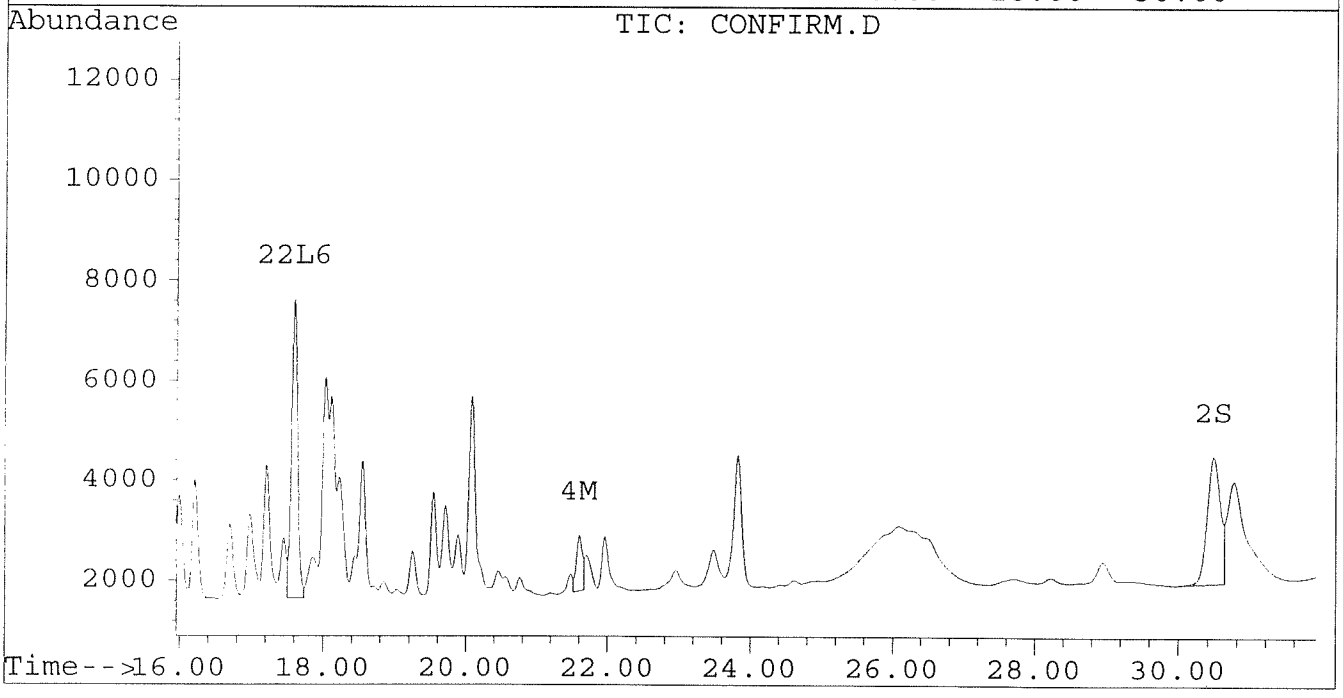
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0506

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-53C.D Vial: 20
Signal #2 : D:\HPCHEM\5\SE3\C845-53C.D\CONFIRM.D
Acq On : 04 Sep 96 03:03 AM Operator: JS
Sample : VHB / PR8 Inst : ECD1
Misc : 30.4G/10ML 90% SOLID Multiplr: 1.00
Quant Time: Sep 4 12:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1)	S Tetrachloro-m-xylen	4.05	6.46	10560	7983	0.044	0.042
				Recovery	=	110.00%	105.00%
2)	S Decachlorobiphenyl	22.20	0.00	6441	0	0.030m	N.D. #
				Recovery	=	75.00%	0.00%
	Target Compounds						
3)	M 2,4,4'-Trichlorobip	8.20	11.69	2820	1928	0.026	0.020
4)	M 2,2',3,3',4,4'-Hexa	16.91	21.61	714	297	0.004	0.002 #
5)	L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
8)	L2 Aroclor-1221	5.16	0.00	153	0	0.022	N.D. #
9)	L2 Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1221			153	0	0.022	N.D.
	Average Aroclor-1221					0.022	0.000
11)	L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3 Aroclor-1232 {3}	8.71f	0.00	303	0	0.037	N.D. #
	Total Aroclor-1232			303	0	0.037	N.D.
	Average Aroclor-1232					0.037	0.000
14)	L4 Aroclor-1242	8.20	11.69	2820	1928	0.068	0.065
15)	L4 Aroclor-1242 {2}	9.30	12.27	1613	449	0.083	0.034 #
16)	L4 Aroclor-1242 {3}	10.05	14.04	1412	1099	0.084	0.083
	Total Aroclor-1242			5845	3476	0.235	0.181
	Average Aroclor-1242					0.078	0.060
17)	L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total Aroclor-1248			0	0	N.D.	N.D.
	Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0597

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-53C.D Vial: 20
Signal #2 : D:\HPCHEM\5\SE3\C845-53C.D\CONFIRM.D
Acq On : 04 Sep 96 03:03 AM Operator: JS
Sample : VHB / PR8 Inst : ECD1
Misc : 30.4G/10ML 90% SOLID Multiplr: 1.00
Quant Time: Sep 4 12:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	1214	990	0.039	0.037
21) L6 Aroclor-1254 {2}	13.40	15.74	1686	1166	0.039	0.040
22) L6 Aroclor-1254 {3}	15.79	17.59	1302	1378	0.041	0.035
Total Aroclor-1254			4201	3534	0.118	0.111
Average Aroclor-1254					0.039	0.037
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83f	0.00	108	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	18.99	0.00	273	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{0.151 \times 10}{0.0304 \times .9 \times .666} = 82.8$

83

AR1254

$\frac{0.08 \times 10}{0.0304 \times .9 \times .666} = 43.9$

44

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

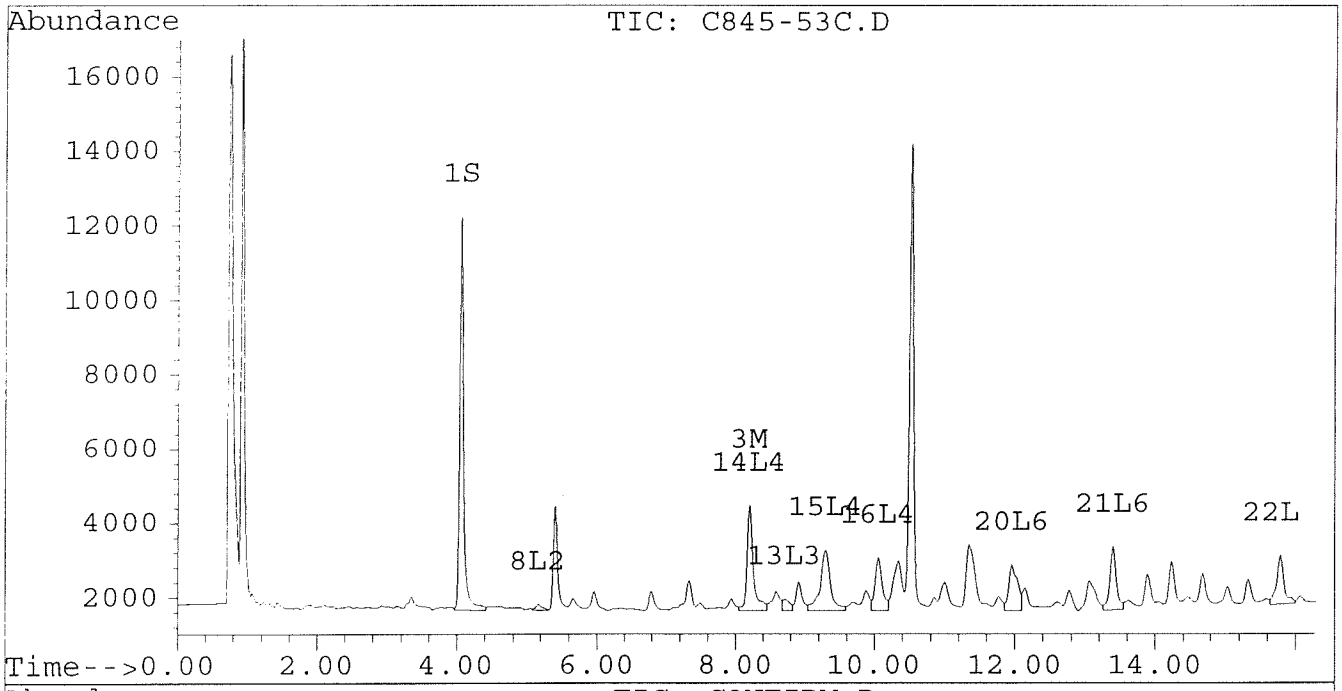
0598

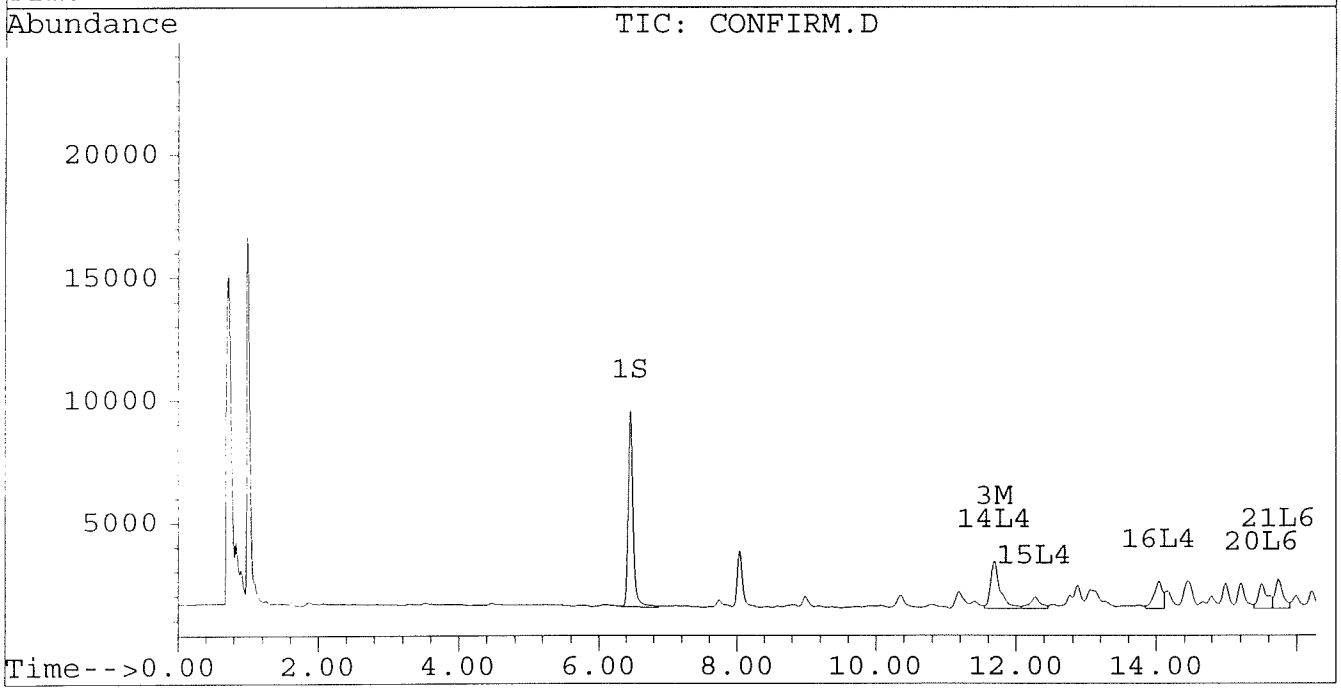
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-53C.D Vial: 20
Signal #2 : D:\HPCHEM\5\SE3\C845-53C.D\CONFIRM.D
Acq On : 04 Sep 96 03:03 AM Operator: JS
Sample : VHB / PR8 Inst : ECD1
Misc : 30.4G/10ML 90% SOLID Multiplr: 1.00
Quant Time: Sep 4 12:08 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-53C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-53C.D\CONFIRM.D
Acq On : 04 Sep 96 03:03 AM
Sample : VHB / PR8
Misc : 30.4G/10ML 90% SOLID
Quant Time: Sep 4 12:08 1996

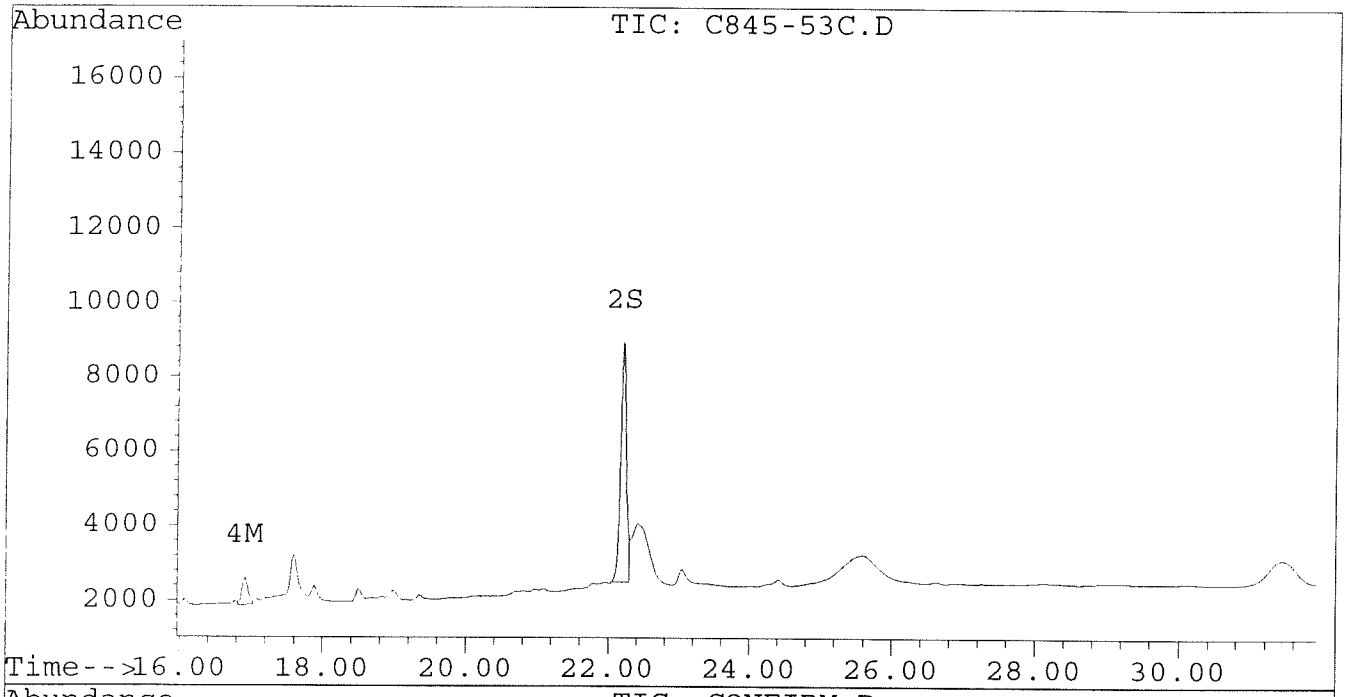
Vial: 20

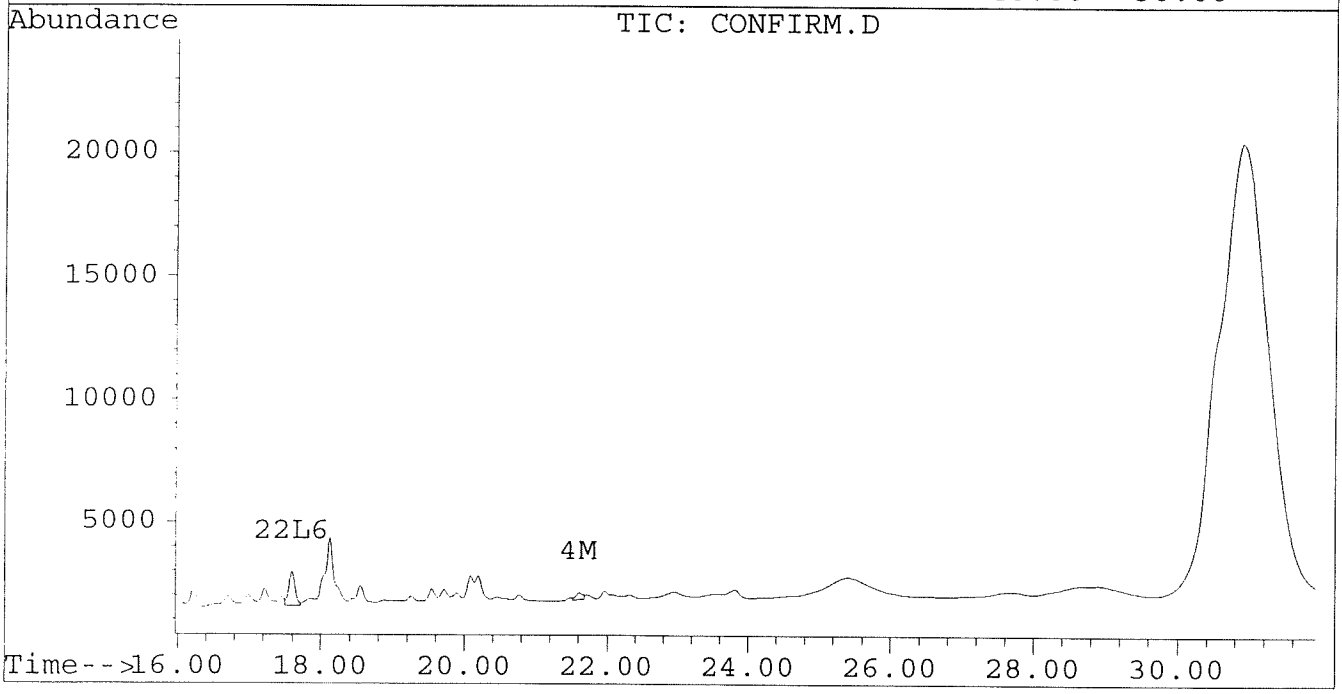
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-54A.D Vial: 6
Signal #2 : D:\HPCHEM\5\AU29\C845-54A.D\CONFIRM.D
Acq On : 02 Sep 96 00:45 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 1:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	797	706	0.003	0.004	
					Recovery	=	7.50%	10.00%	
2)	S	Decachlorobiphenyl	22.30	30.72	667	329	0.003	0.004	
					Recovery	=	7.50%	10.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	21185	14957	0.193	0.156	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	3217	2009	0.017	0.013	#
5)	L1	Aroclor-1016	6.85	8.90	5724	1127	0.179	0.084	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	5698	5121	0.325	0.183	#
7)	L1	Aroclor-1016 {3}	9.37	12.36	12256	3032	0.473	0.176	#
		Total Aroclor-1016			23678	9280	0.976	0.443	
		Average Aroclor-1016					0.325	0.148	
8)	L2	Aroclor-1221	5.13	8.12	117	285	0.017	0.047	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	272	753	0.047	0.154	#
10)	L2	Aroclor-1221 {3}	5.72	8.90	2094	1127	0.104	0.073	#
		Total Aroclor-1221			2483	2165	0.167	0.274	
		Average Aroclor-1221					0.056	0.091	
11)	L3	Aroclor-1232	5.72	8.90	2094	1127	0.115	0.079	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	5724	5121	0.419	0.426	
13)	L3	Aroclor-1232 {3}	8.66	12.36	3443	3032	0.416	0.437	
		Total Aroclor-1232			11261	9280	0.950	0.942	
		Average Aroclor-1232					0.317	0.314	
14)	L4	Aroclor-1242	8.27	11.78	21185	14957	0.512	0.502	
15)	L4	Aroclor-1242 {2}	9.37	12.36	12256	3032	0.630	0.229	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	10666	8398	0.631	0.631	
		Total Aroclor-1242			44107	26387	1.773	1.362	
		Average Aroclor-1242					0.591	0.454	
17)	L5	Aroclor-1248	9.37	15.08	12256	7216	0.385	0.320	
18)	L5	Aroclor-1248 {2}	10.13	15.30	10666	7522	0.389	0.322	
19)	L5	Aroclor-1248 {3}	11.43	16.31	13733	4729	0.395	0.265	#
		Total Aroclor-1248			36655	19467	1.169	0.907	
		Average Aroclor-1248					0.390	0.302	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0601

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-54A.D Vial: 6
Signal #2 : D:\HPCHEM\5\AU29\C845-54A.D\CONFIRM.D
Acq On : 02 Sep 96 00:45 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 1:18 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	8794	7573	0.282	0.280
21) L6 Aroclor-1254 {2}	13.48	15.84	12980	8343	0.301	0.287
22) L6 Aroclor-1254 {3}	15.87	17.69	9534	12011	0.297	0.302
Total Aroclor-1254			31308	27927	0.879	0.869
Average Aroclor-1254					0.293	0.290
23) L7 Aroclor-1260	13.98	18.33	6299	4401	0.182	0.138
24) L7 Aroclor-1260 {2}	14.76	18.64	5600	5082	0.138	0.141
25) L7 Aroclor-1260 {3}	17.97	22.06	2318	1675	0.040	0.031
Total Aroclor-1260			14217	11158	0.359	0.310
Average Aroclor-1260					0.120	0.103
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	23.54	0	482	N.D.	NoCal
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{1.142 \times 10}{0.0305 \times .96 \times .666} \times 10 = 6537$

6500

$\frac{0.598 \times 10}{0.0305 \times .96 \times .666} \times 10 = 3423$

3400

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0602

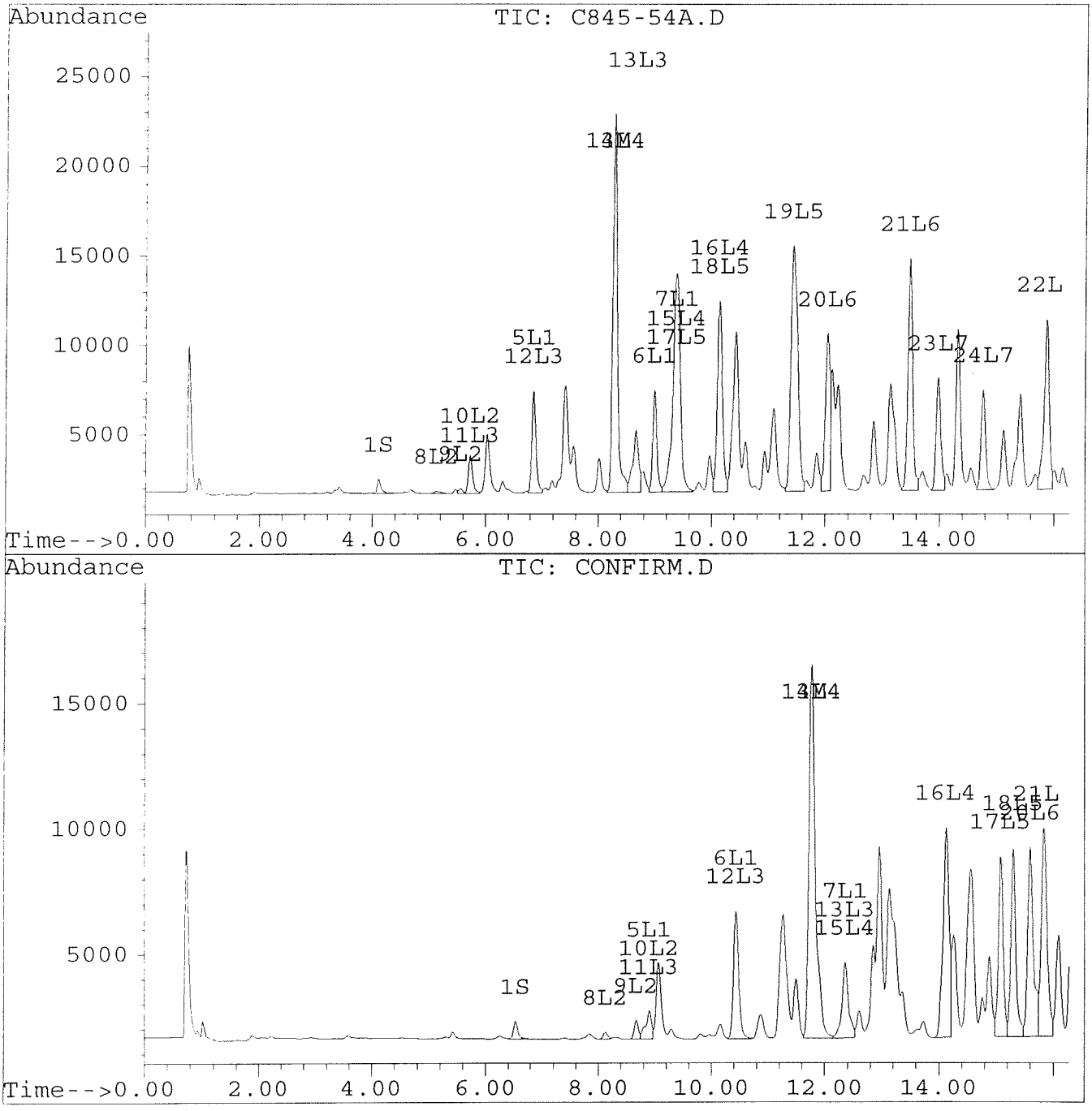
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-54A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-54A.D\CONFIRM.D
Acq On : 02 Sep 96 00:45 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 1:18 1996

Vial: 6
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-54A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-54A.D\CONFIRM.D
Acq On : 02 Sep 96 00:45 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 1:18 1996

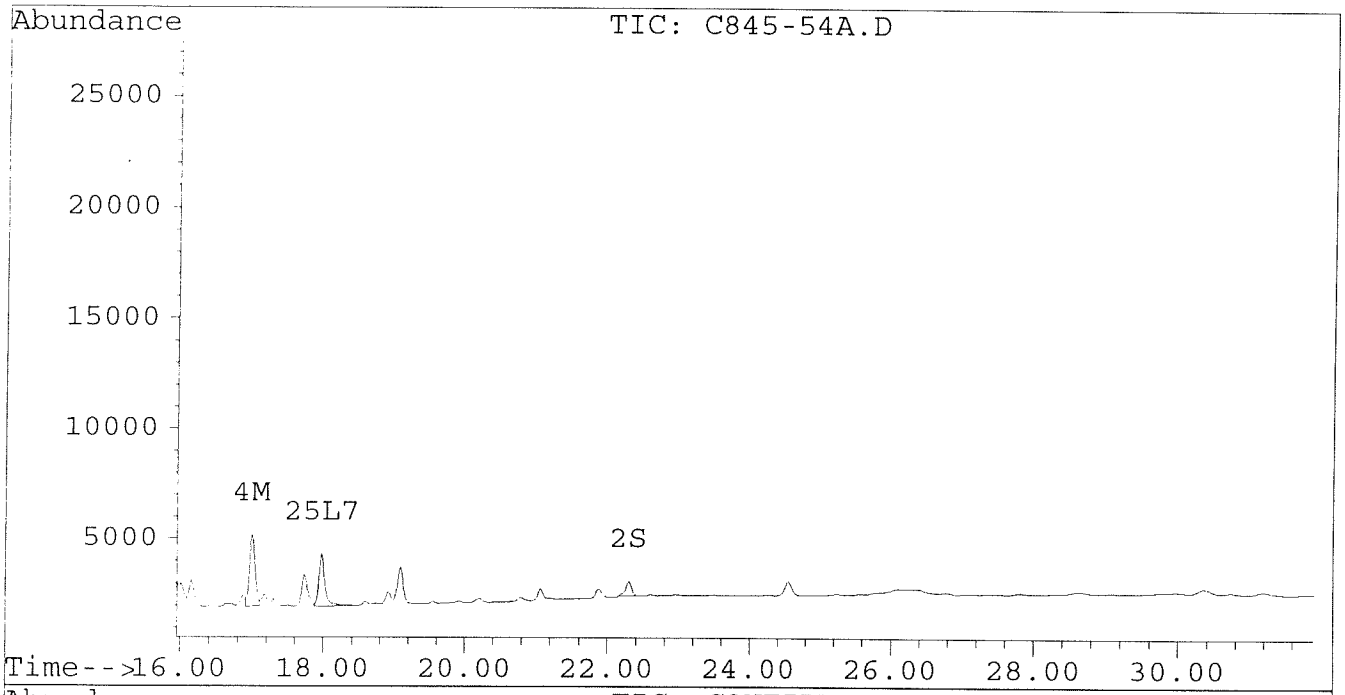
Vial: 6

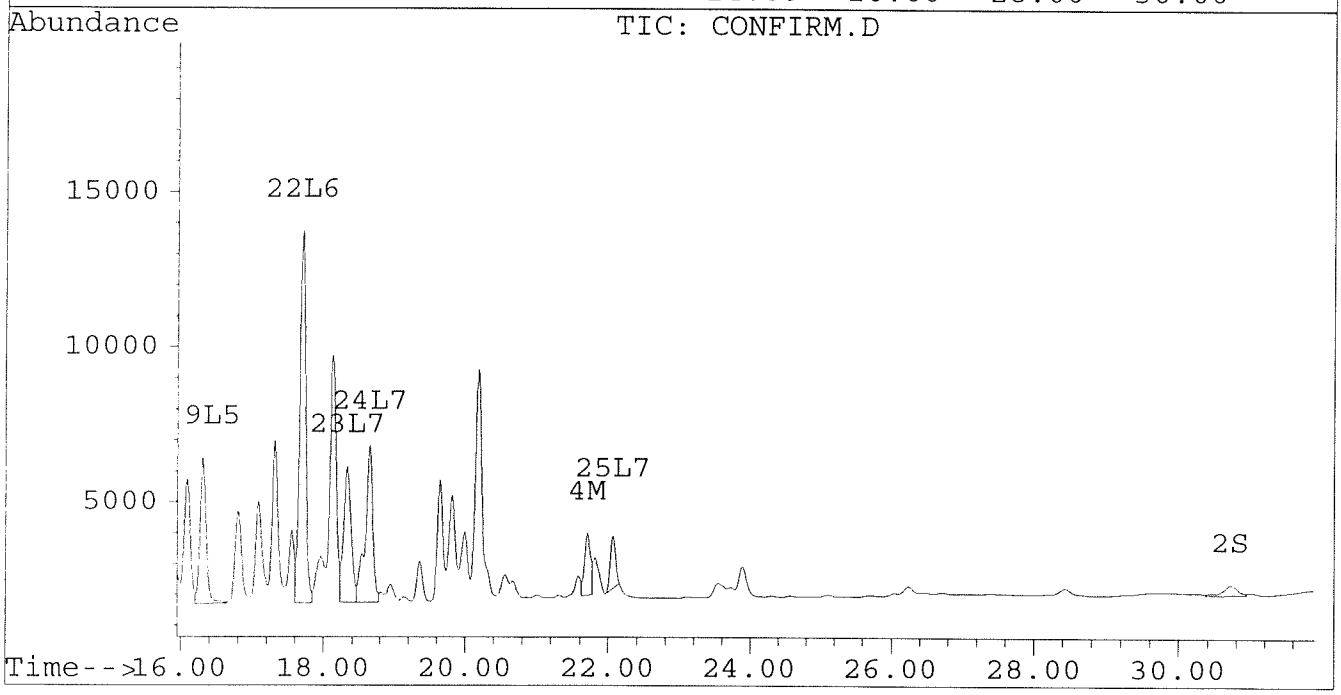
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0604

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-55A.D Vial: 7
Signal #2 : D:\HPCHEM\5\AU29\C845-55A.D\CONFIRM.D
Acq On : 02 Sep 96 01:20 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 1:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	753	659	0.003	0.003	
				Recovery	=	7.50%	7.50%	
2)	S Decachlorobiphenyl	22.29	30.73	664	310	0.003	0.004	
				Recovery	=	7.50%	10.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	27172	19227	0.248	0.201	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	4180	2768	0.022	0.018	
5)	L1 Aroclor-1016	6.85	8.90	6334	1299	0.198	0.097	#
6)	L1 Aroclor-1016 {2}	8.99	10.43	7598	5654	0.433	0.203	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	14677	3829	0.566	0.222	#
	Total Aroclor-1016			28609	10782	1.197	0.521	
	Average Aroclor-1016					0.399	0.174	
8)	L2 Aroclor-1221	5.13	8.12	141	420	0.020	0.069	#
9)	L2 Aroclor-1221 {2}	5.56	8.67	317	878	0.054	0.180	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	2523	1299	0.125	0.085	#
	Total Aroclor-1221			2981	2597	0.199	0.333	
	Average Aroclor-1221					0.066	0.111	
11)	L3 Aroclor-1232	5.72	8.90	2523	1299	0.138	0.091	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	6334	5654	0.464	0.471	
13)	L3 Aroclor-1232 {3}	8.66	12.36	4146	3829	0.501	0.552	
	Total Aroclor-1232			13003	10782	1.103	1.114	
	Average Aroclor-1232					0.368	0.371	
14)	L4 Aroclor-1242	8.27	11.78	27172	19227	0.656	0.645	
15)	L4 Aroclor-1242 {2}	9.37	12.36	14677	3829	0.754	0.290	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	12952	10237	0.767	0.769	
	Total Aroclor-1242			54801	33293	2.177	1.704	
	Average Aroclor-1242					0.726	0.568	
17)	L5 Aroclor-1248	9.37	15.08	14677	9014	0.461	0.400	
18)	L5 Aroclor-1248 {2}	10.13	15.30	12952	9050	0.473	0.388	
19)	L5 Aroclor-1248 {3}	11.43	16.31	16628	5665	0.478	0.317	#
	Total Aroclor-1248			44256	23730	1.412	1.105	
	Average Aroclor-1248					0.471	0.368	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-55A.D Vial: 7
Signal #2 : D:\HPCHEM\5\AU29\C845-55A.D\CONFIRM.D
Acq On : 02 Sep 96 01:20 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 1:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	10785	9315	0.345	0.345
21) L6 Aroclor-1254 {2}	13.48	15.83	16385	10387	0.379	0.357
22) L6 Aroclor-1254 {3}	15.87	17.69	12604	15230	0.392	0.382
Total Aroclor-1254			39774	34932	1.117	1.084
Average Aroclor-1254					0.372	0.361
23) L7 Aroclor-1260	13.98	18.33	7847	5555	0.226	0.174
24) L7 Aroclor-1260 {2}	14.75	18.64	9287	6468	0.228	0.180
25) L7 Aroclor-1260 {3}	17.97	22.06	2984	2025	0.052	0.038 #
Total Aroclor-1260			20118	14048	0.506	0.391
Average Aroclor-1260					0.169	0.130
26) L8 Aroclor-1268	0.00	23.34f	0	192	N.D.	0.045 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	192	N.D.	0.045
Average Aroclor-1268					0.000	0.045

AR1242

$\frac{1.41 \quad x10}{0.0305 \times .89 \times .664}$ x10 = 7,799

7800

AR1254

$\frac{0.771}{0.0305 \times .89 \times .664}$ x10 = 4264

4300

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

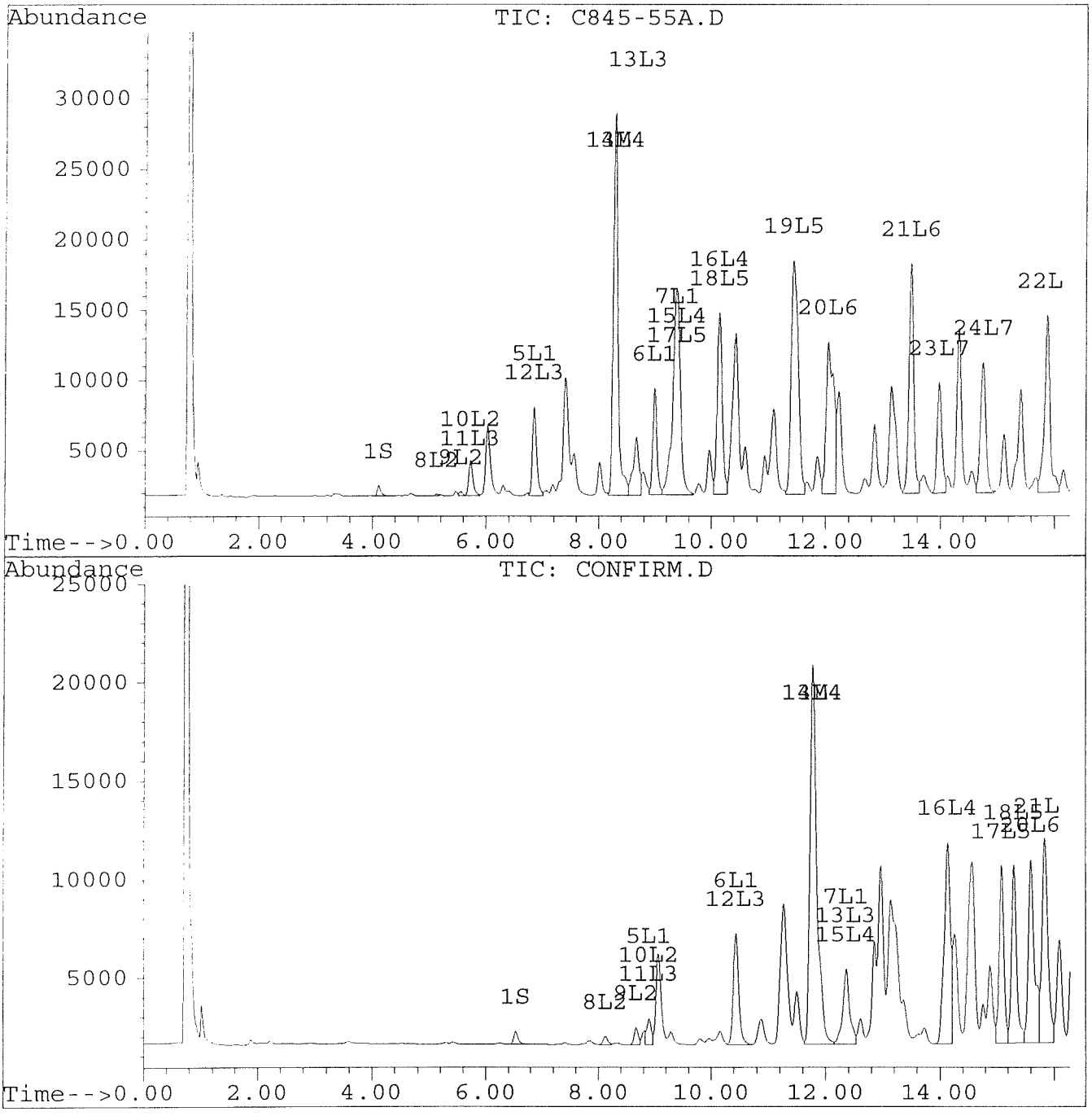
0606

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-55A.D Vial: 7
Signal #2 : D:\HPCHEM\5\AU29\C845-55A.D\CONFIRM.D
Acq On : 02 Sep 96 01:20 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 1:54 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-55A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-55A.D\CONFIRM.D
Acq On : 02 Sep 96 01:20 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 1:54 1996

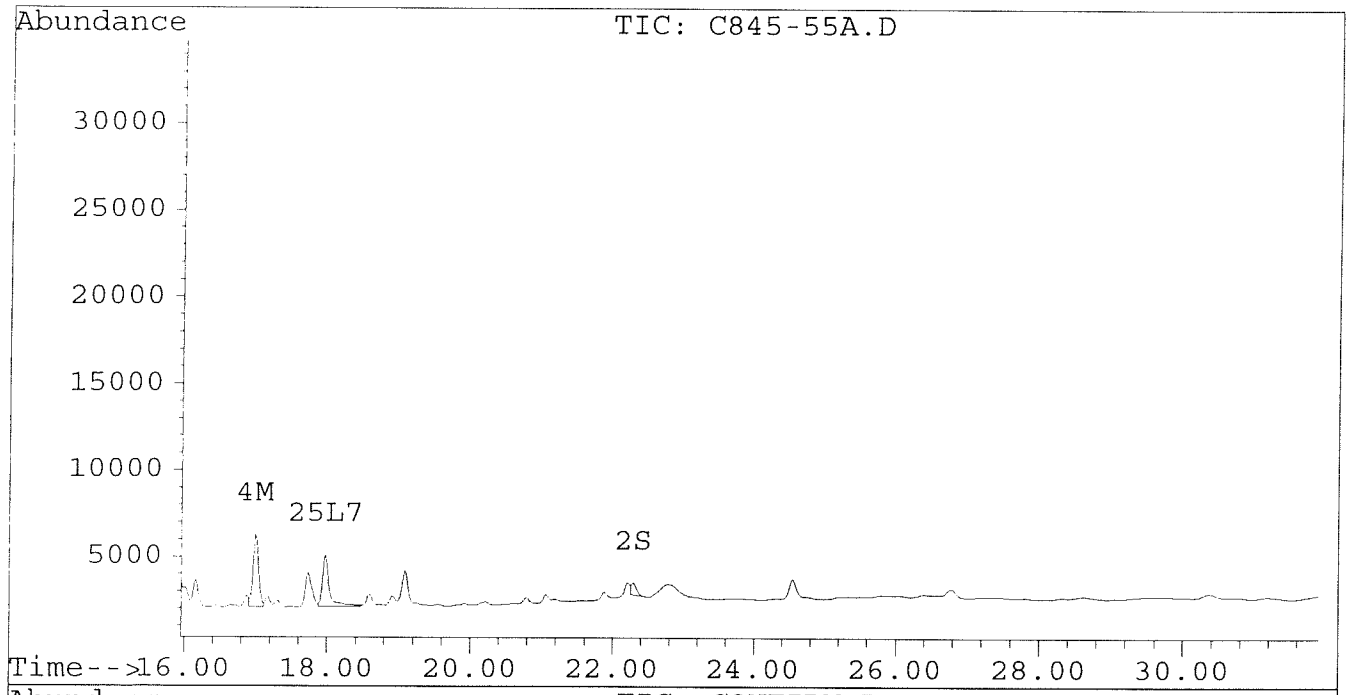
Vial: 7

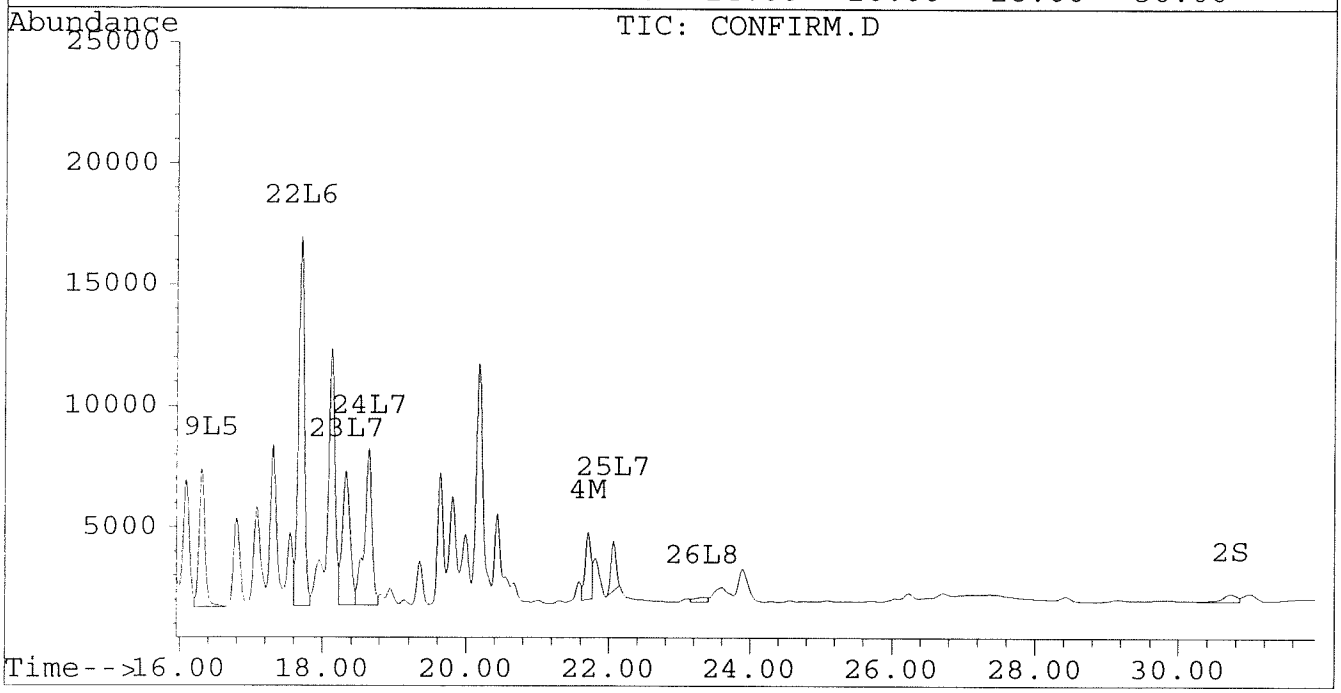
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-56A.D Vial: 8
Signal #2 : D:\HPCHEM\5\AU29\C845-56A.D\CONFIRM.D
Acq On : 02 Sep 96 01:56 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 2:29 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	696	618	0.003	0.003	
					Recovery	=	7.50%	7.50%	
2)	S	Decachlorobiphenyl	22.30	30.73	679	308	0.003	0.003	
					Recovery	=	7.50%	7.50%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	19898	14010	0.182	0.146	
4)	M	2,2',3,3',4,4'-Hexa	17.00	21.71	3032	1950	0.016	0.012	
5)	L1	Aroclor-1016	6.85	8.90	5251	1127	0.164	0.084	#
6)	L1	Aroclor-1016 {2}	8.99	10.43	5606	4755	0.320	0.170	#
7)	L1	Aroclor-1016 {3}	9.37	12.36	10974	2940	0.423	0.170	#
		Total Aroclor-1016			21831	8822	0.907	0.424	
		Average Aroclor-1016					0.302	0.141	
8)	L2	Aroclor-1221	5.14	8.12	111	299	0.016	0.049	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	267	747	0.046	0.153	#
10)	L2	Aroclor-1221 {3}	5.73	8.90	2119	1127	0.105	0.073	#
		Total Aroclor-1221			2497	2173	0.166	0.275	
		Average Aroclor-1221					0.055	0.092	
11)	L3	Aroclor-1232	5.73	8.90	2119	1127	0.116	0.079	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	5251	4755	0.385	0.396	
13)	L3	Aroclor-1232 {3}	8.66	12.36	3239	2940	0.391	0.424	
		Total Aroclor-1232			10609	8822	0.892	0.898	
		Average Aroclor-1232					0.297	0.299	
14)	L4	Aroclor-1242	8.27	11.78	19898	14010	0.481	0.470	
15)	L4	Aroclor-1242 {2}	9.37	12.36	10974	2940	0.564	0.222	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	9588	7540	0.568	0.567	
		Total Aroclor-1242			40460	24491	1.612	1.259	
		Average Aroclor-1242					0.537	0.420	
17)	L5	Aroclor-1248	9.37	15.08	10974	6208	0.345	0.276	
18)	L5	Aroclor-1248 {2}	10.13	15.30	9588	6441	0.350	0.276	
19)	L5	Aroclor-1248 {3}	11.43	16.31	11630	3985	0.334	0.223	#
		Total Aroclor-1248			32192	16634	1.029	0.775	
		Average Aroclor-1248					0.343	0.258	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0609

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-56A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-56A.D\CONFIRM.D
Acq On : 02 Sep 96 01:56 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 2:29 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.60	7327	6409	0.235	0.237
21) L6	Aroclor-1254 {2}	13.48	15.84	11485	7110	0.266	0.244
22) L6	Aroclor-1254 {3}	15.87	17.69	9015	10669	0.281	0.268
Total	Aroclor-1254			27828	24187	0.781	0.749
Average	Aroclor-1254					0.260	0.250
23) L7	Aroclor-1260	13.98	18.33	5575	4066	0.161	0.127
24) L7	Aroclor-1260 {2}	14.76	18.64	5295	4692	0.130	0.130
25) L7	Aroclor-1260 {3}	17.97	22.06	2559	1582	0.044	0.030 #
Total	Aroclor-1260			13429	10339	0.335	0.287
Average	Aroclor-1260					0.112	0.096
26) L8	Aroclor-1268	0.00	23.34f	0	353	N.D.	0.082 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.12	0	232	N.D.	NoCal
Total	Aroclor-1268			0	353	N.D.	0.082
Average	Aroclor-1268					0.000	0.082

AR1248

$\frac{1.045 \times 10}{0.03 \times .96 \times .666} \times 10 = 6981$

6100

AR1254

$\frac{0.547 \times 10}{0.03 \times .86 \times .666} \times 10 = 3183$

3200

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0610

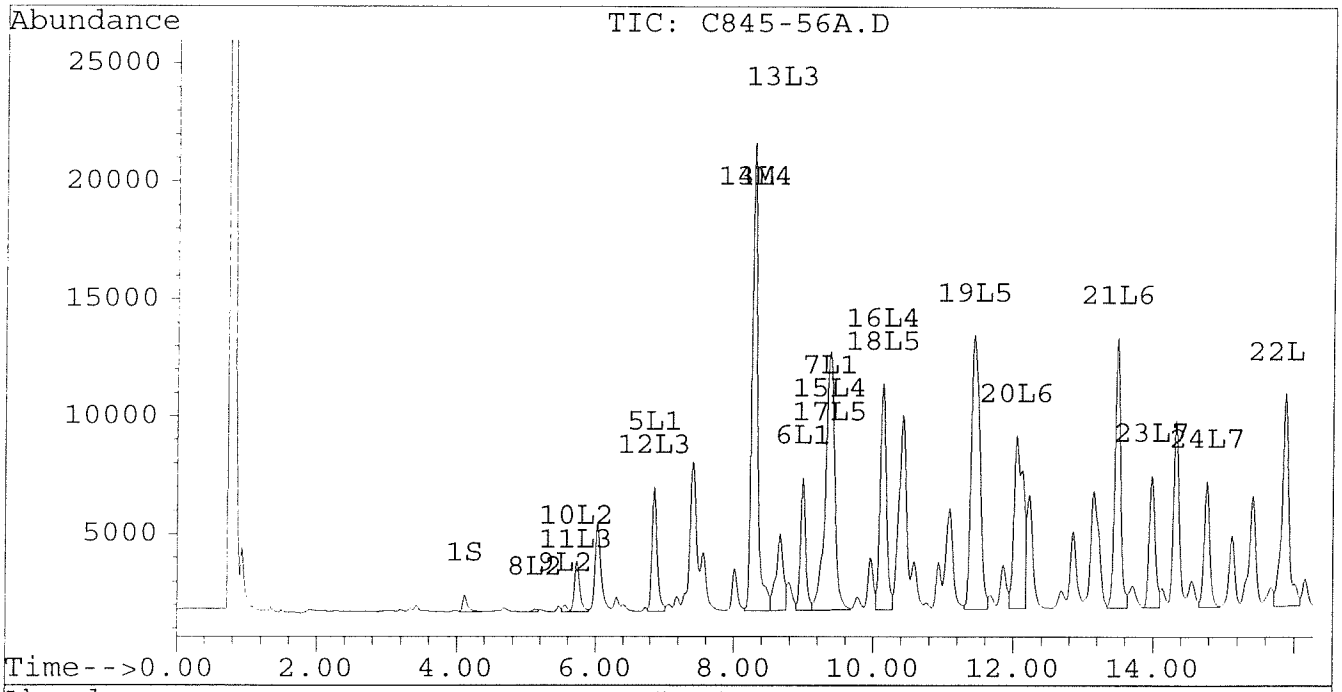
Quantitation Report

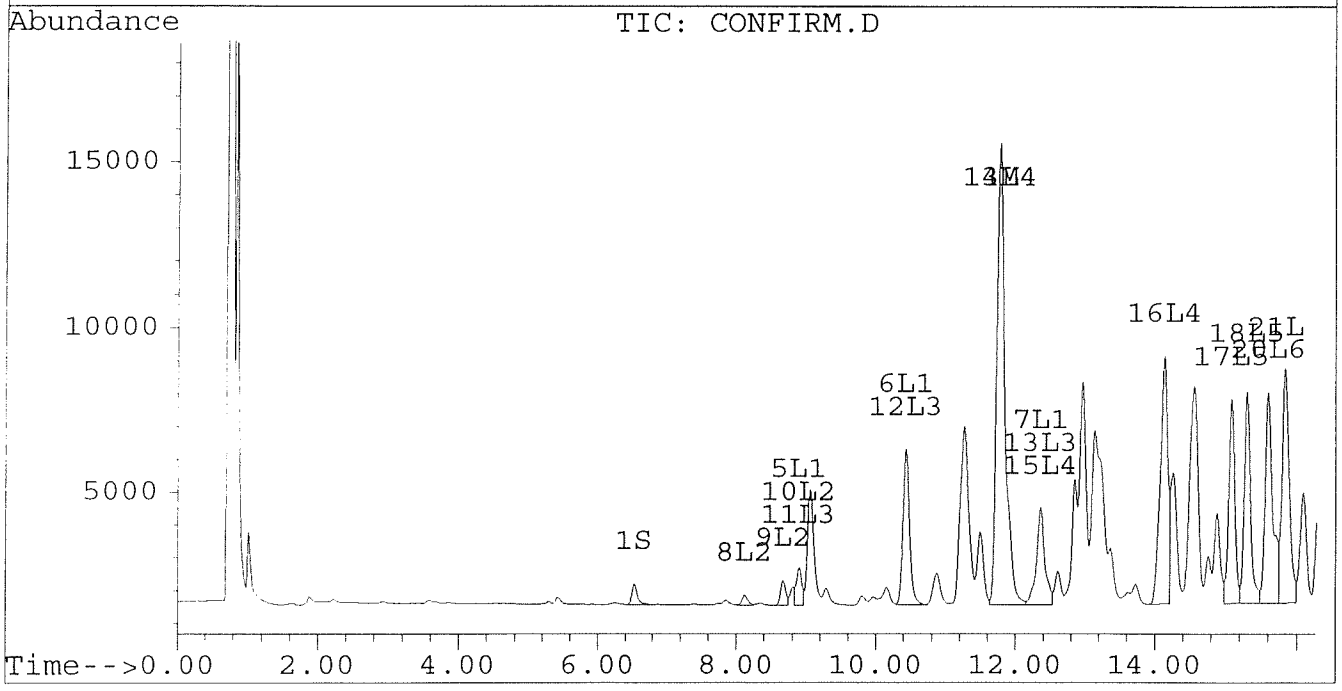
Signal #1 : D:\HPCHEM\5\AU29\C845-56A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-56A.D\CONFIRM.D
Acq On : 02 Sep 96 01:56 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 2:29 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0617

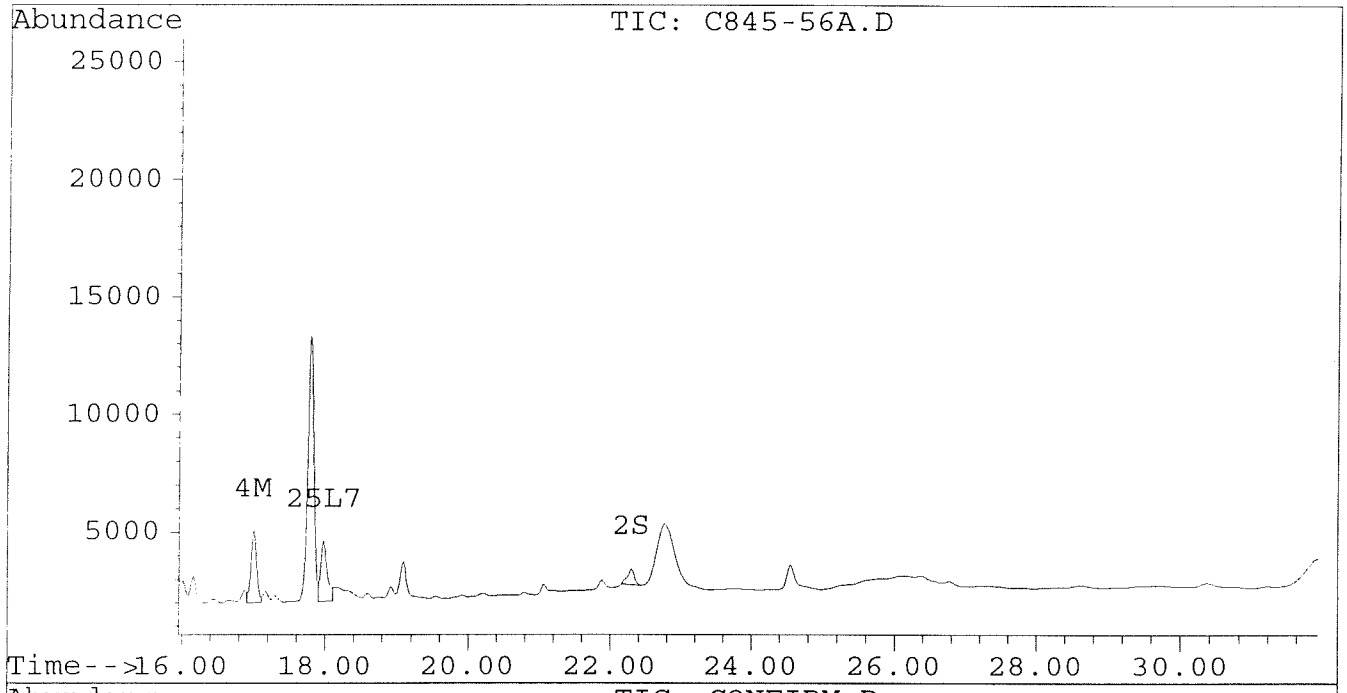
Quantitation Report

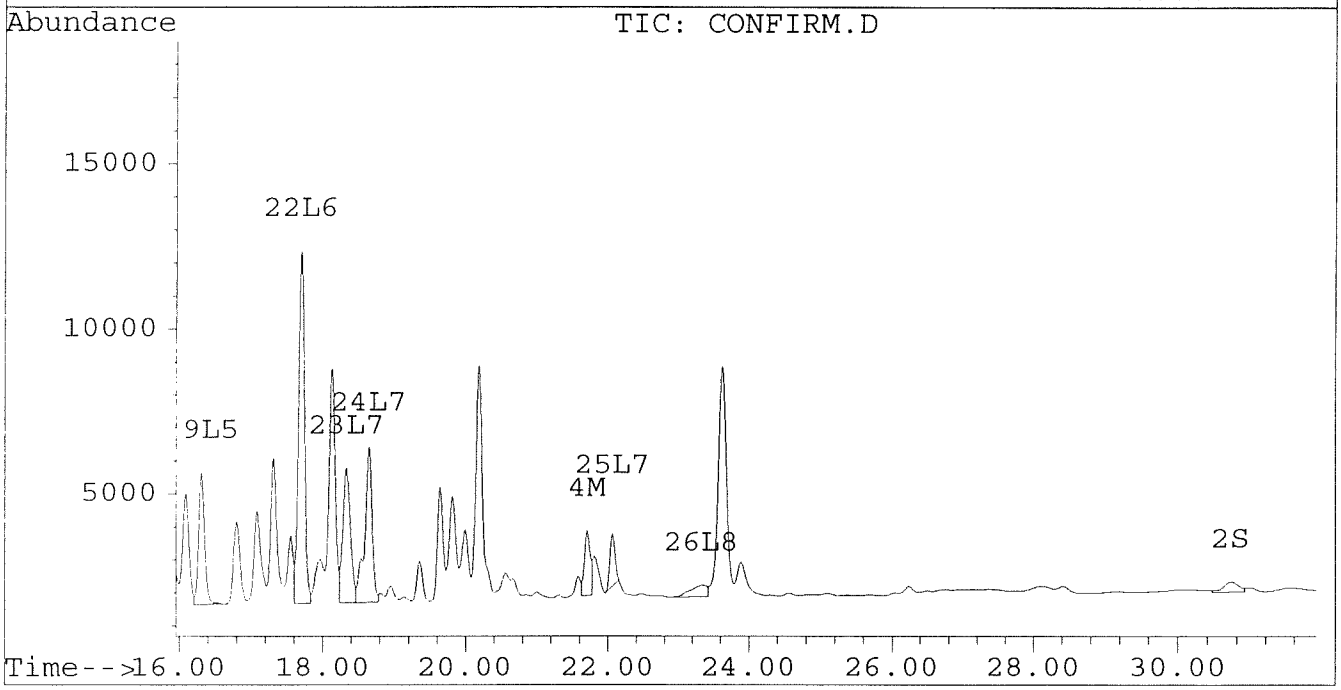
Signal #1 : D:\HPCHEM\5\AU29\C845-56A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-56A.D\CONFIRM.D
Acq On : 02 Sep 96 01:56 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 2:29 1996

Vial: 8
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-57C.D Vial: 5
Signal #2 : D:\HPCHEM\5\SE3\C845-57C.D\CONFIRM.D
Acq On : 03 Sep 96 04:06 PM Operator: JS
Sample : VHB / PS9 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 3 16:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
System Monitoring Compounds						
1) S Tetrachloro-m-xylen	4.06	6.45	860	729	0.004	0.004
			Recovery	=	10.00%	10.00%
2) S Decachlorobiphenyl	22.21	30.49	530	391	0.003	0.004 #
			Recovery	=	7.50%	10.00%
Target Compounds						
3) M 2,4,4'-Trichlorobip	8.21	11.69	16651	11521	0.152	0.120
4) M 2,2',3,3',4,4'-Hexa	16.92	21.61	2131	1252	0.011	0.008 #
5) L1 Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1 Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1 Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
8) L2 Aroclor-1221	5.15	0.00	86	0	0.012	N.D. #
9) L2 Aroclor-1221 {2}	0.00	8.72f	0	516	N.D.	0.106 #
10) L2 Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1221			86	516	0.012	0.106
Average Aroclor-1221					0.012	0.106
11) L3 Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3 Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3 Aroclor-1232 {3}	8.72f	0.00	1097	0	0.132	N.D. #
Total Aroclor-1232			1097	0	0.132	N.D.
Average Aroclor-1232					0.132	0.000
14) L4 Aroclor-1242	8.21	11.69	16651	11521	0.402	0.387
15) L4 Aroclor-1242 {2}	9.31	12.27	10900	2214	0.560	0.168 #
16) L4 Aroclor-1242 {3}	10.06	14.04	9299	7207	0.550	0.542
Total Aroclor-1242			36850	20942	1.513	1.096
Average Aroclor-1242					0.504	0.365
17) L5 Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5 Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5 Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0613

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-57C.D Vial: 5
Signal #2 : D:\HPCHEM\5\SE3\C845-57C.D\CONFIRM.D
Acq On : 03 Sep 96 04:06 PM Operator: JS
Sample : VHB / PS9 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 3 16:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.97	15.50	5957	5552	0.191	0.206
21) L6 Aroclor-1254 {2}	13.41	15.74	8504	5858	0.197	0.201
22) L6 Aroclor-1254 {3}	15.79	17.60	5841	7924	0.182	0.199
Total Aroclor-1254			20302	19334	0.570	0.606
Average Aroclor-1254					0.190	0.202
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.83	0.00	457	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	1154	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{0.962 \times 10}{0.0302 \times .88 \times .666} \times 10 = 5435$

5400

AR1254

$\frac{0.379 \times 10}{0.0300 \times .88 \times .666} \times 10 = 2141$

2109

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

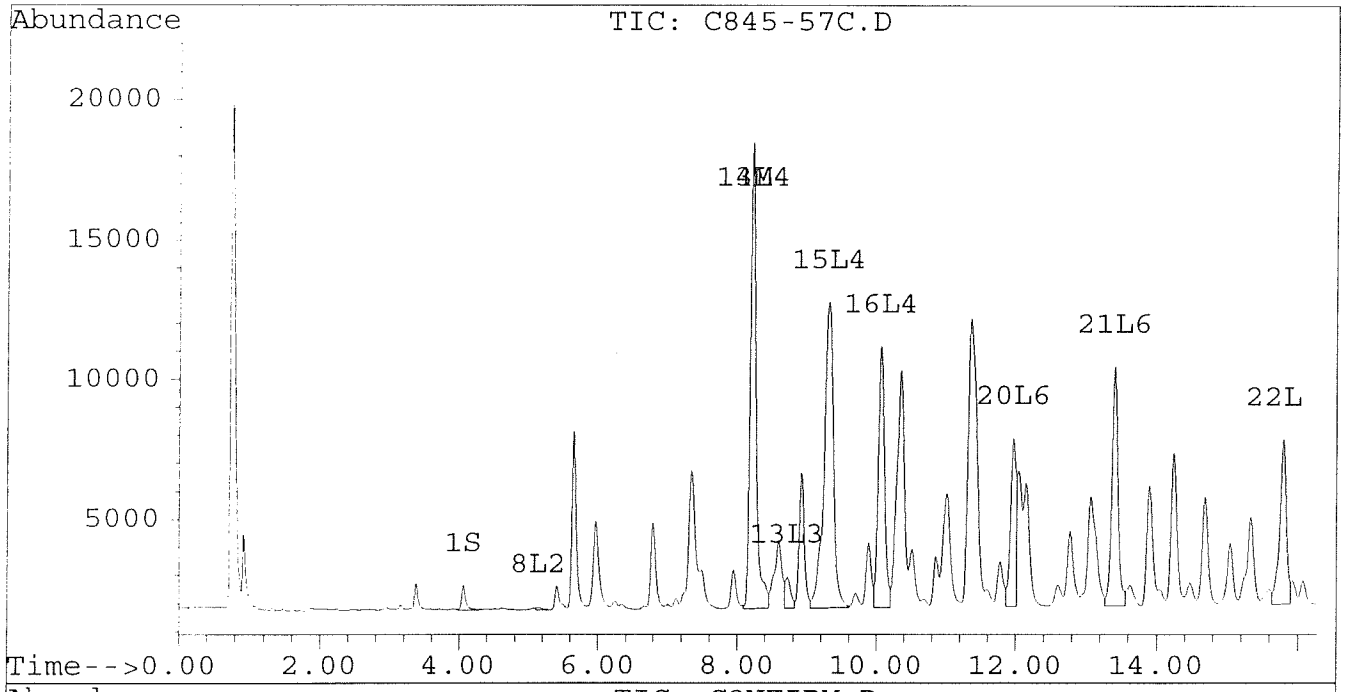
Quantitation Report

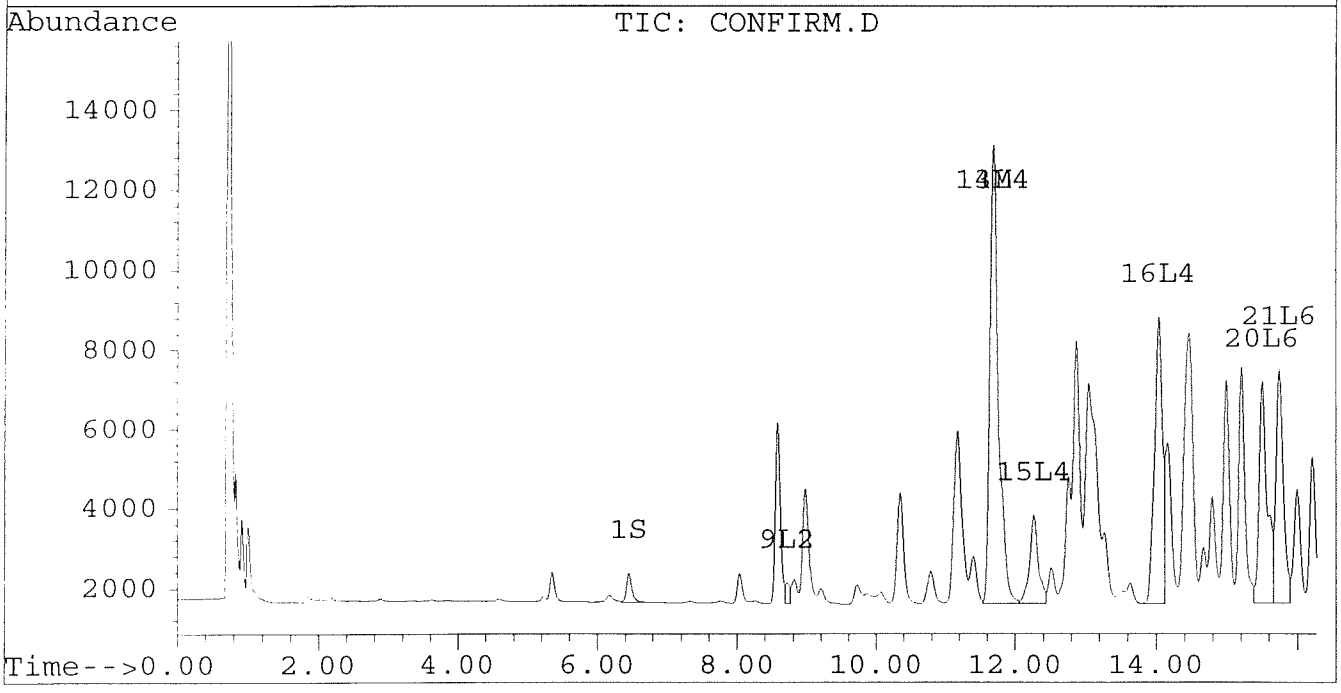
Signal #1 : D:\HPCHEM\5\SE3\C845-57C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-57C.D\CONFIRM.D
Acq On : 03 Sep 96 04:06 PM
Sample : VHB / PS9 1:10 DILUTION
Misc : 30.5G/10ML 88% SOLID
Quant Time: Sep 3 16:42 1996

Vial: 5
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



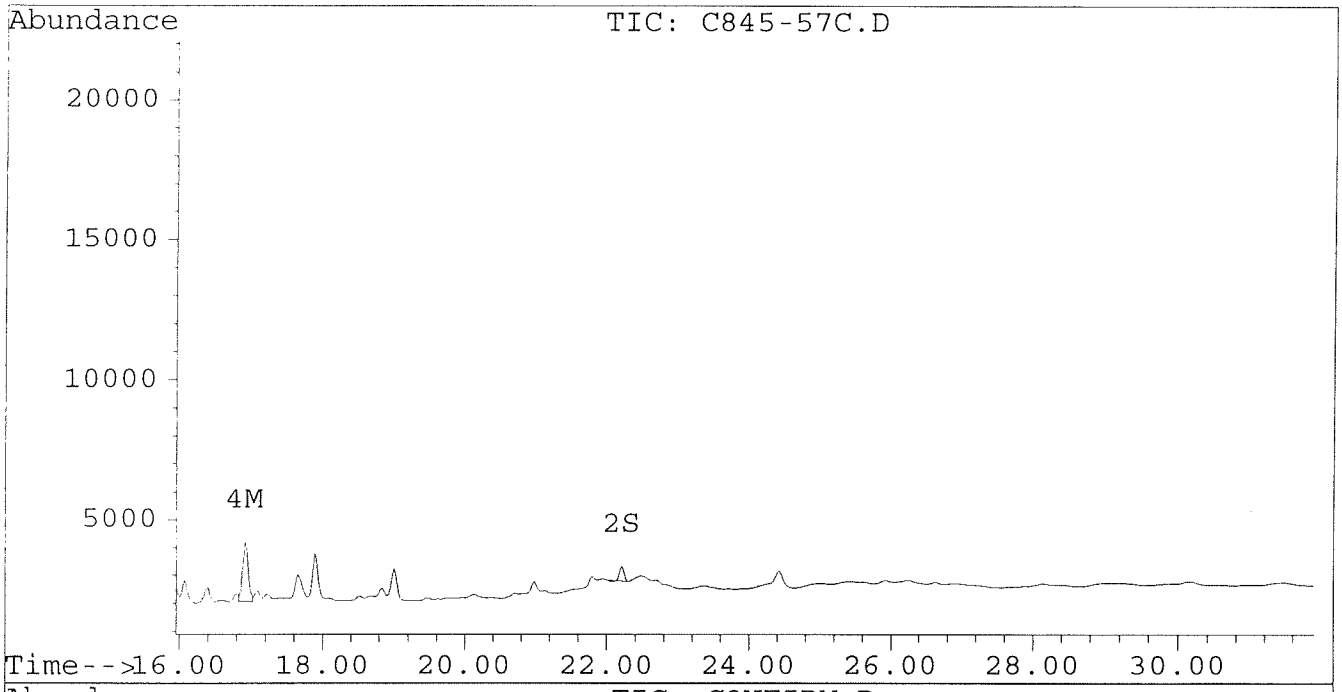


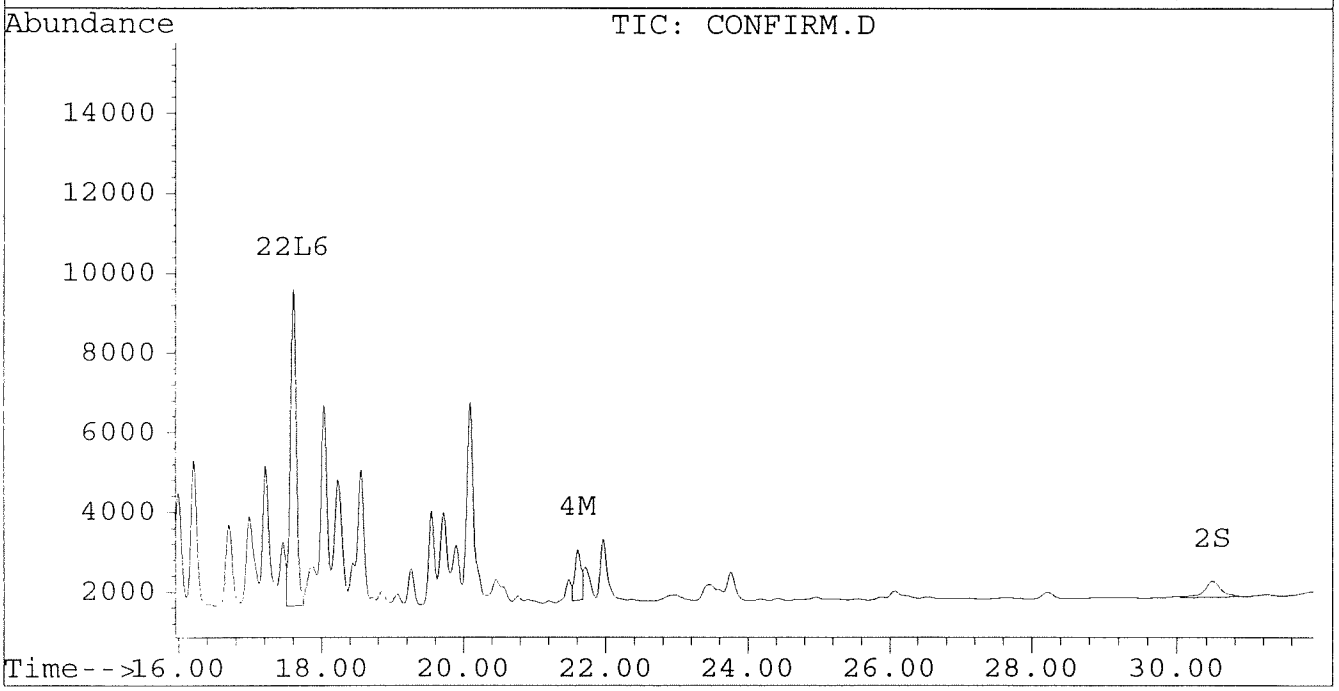
Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-57C.D Vial: 5
Signal #2 : D:\HPCHEM\5\SE3\C845-57C.D\CONFIRM.D
Acq On : 03 Sep 96 04:06 PM Operator: JS
Sample : VHB / PS9 1:10 DILUTION Inst : ECD1
Misc : 30.5G/10ML 88% SOLID Multiplr: 1.00
Quant Time: Sep 3 16:42 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-58B.D Vial: 29
Signal #2 : D:\HPCHEM\5\SE3\C845-58B.D\CONFIRM.D
Acq On : 04 Sep 96 08:23 AM Operator: JS
Sample : VHB/ PT7 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 86% SOLID Multiplr: 1.00
Quant Time: Sep 4 8:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	722	595	0.003	0.003
				Recovery	=	7.50%	7.50%
2) S	Decachlorobiphenyl	0.00	30.47	0	282	N.D.	0.003 #
				Recovery	=	0.00%	7.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.69	5055	3337	0.046	0.035
4) M	2,2',3,3',4,4'-Hexa	16.91	21.61	829	462	0.004	0.003 #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.15	0.00	38	0	0.005	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			38	0	0.005	N.D.
Average	Aroclor-1221					0.005	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.71f	0.00	475	0	0.057	N.D. #
Total	Aroclor-1232			475	0	0.057	N.D.
Average	Aroclor-1232					0.057	0.000
14) L4	Aroclor-1242	8.20	11.69	5055	3337	0.122	0.112
15) L4	Aroclor-1242 {2}	9.30	12.26	2581	772	0.133	0.058 #
16) L4	Aroclor-1242 {3}	10.05	14.04	2205	1782	0.131	0.134
Total	Aroclor-1242			9841	5890	0.385	0.304
Average	Aroclor-1242					0.128	0.101
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

061

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-58B.D Vial: 29
Signal #2 : D:\HPCHEM\5\SE3\C845-58B.D\CONFIRM.D
Acq On : 04 Sep 96 08:23 AM Operator: JS
Sample : VHB/ PT7 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 86% SOLID Multiplr: 1.00
Quant Time: Sep 4 8:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	11.96	15.50	1864	1583	0.060	0.059
21) L6 Aroclor-1254 {2}	13.40	15.74	2678	1840	0.062	0.063
22) L6 Aroclor-1254 {3}	15.79	17.60	2050	2480	0.064	0.062
Total Aroclor-1254			6591	5902	0.186	0.184
Average Aroclor-1254					0.062	0.061
23) L7 Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7 Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7 Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
26) L8 Aroclor-1268	18.82f	0.00	219	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	19.00	0.00	415	0	NoCal	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{0.255 \times 10}{0.0303 \times .86 \times .666} \times 10 = 1469$

1500

AR1254

$\frac{0.126 \times 10}{0.0303 \times .86 \times .666} \times 10 = 726$

730

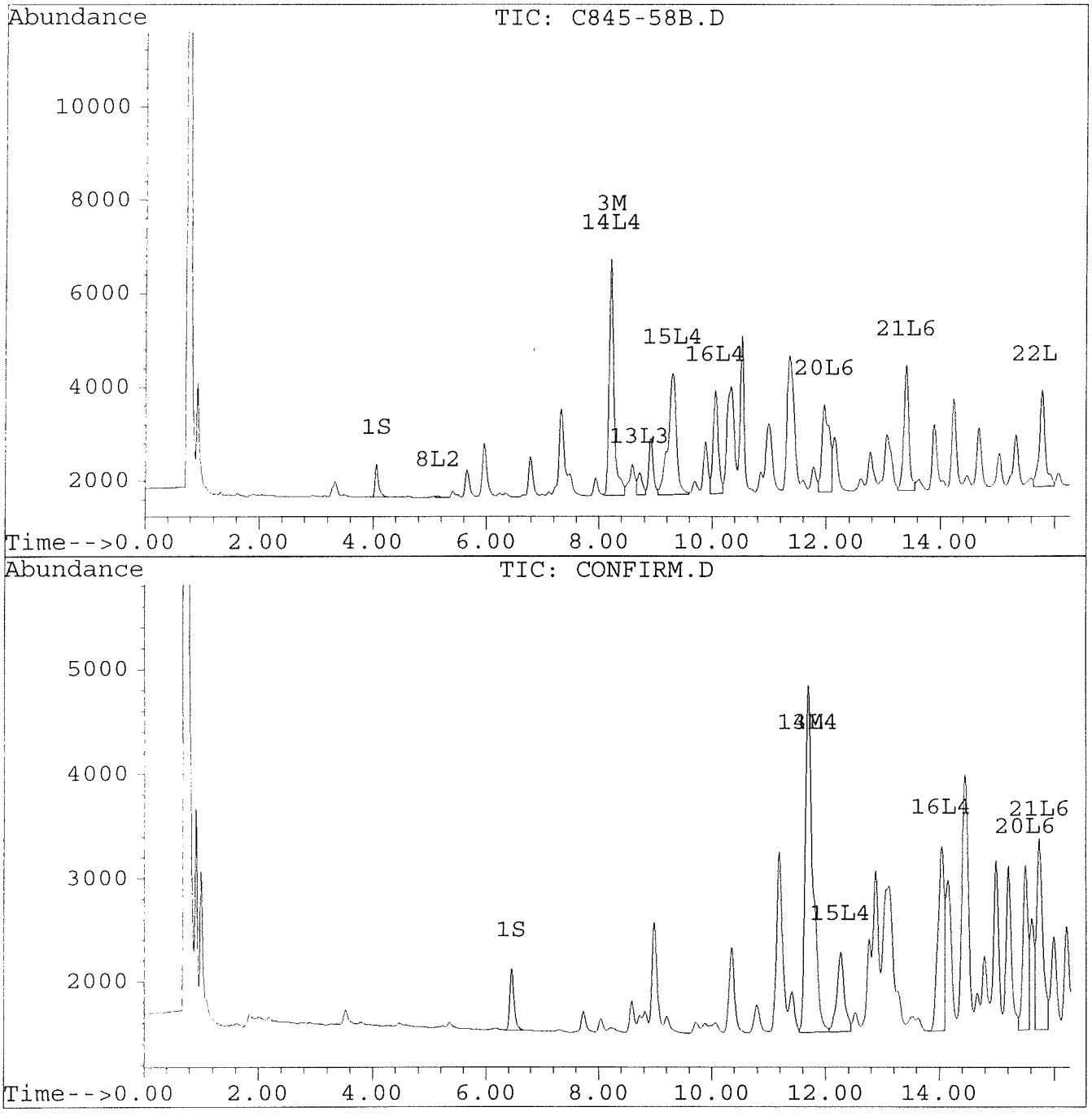
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-58B.D Vial: 29
Signal #2 : D:\HPCHEM\5\SE3\C845-58B.D\CONFIRM.D
Acq On : 04 Sep 96 08:23 AM Operator: JS
Sample : VHB/ PT7 1:10 DILUTION Inst : ECD1
Misc : 30.3G/10ML 86% SOLID Multiplr: 1.00
Quant Time: Sep 4 8:57 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0619

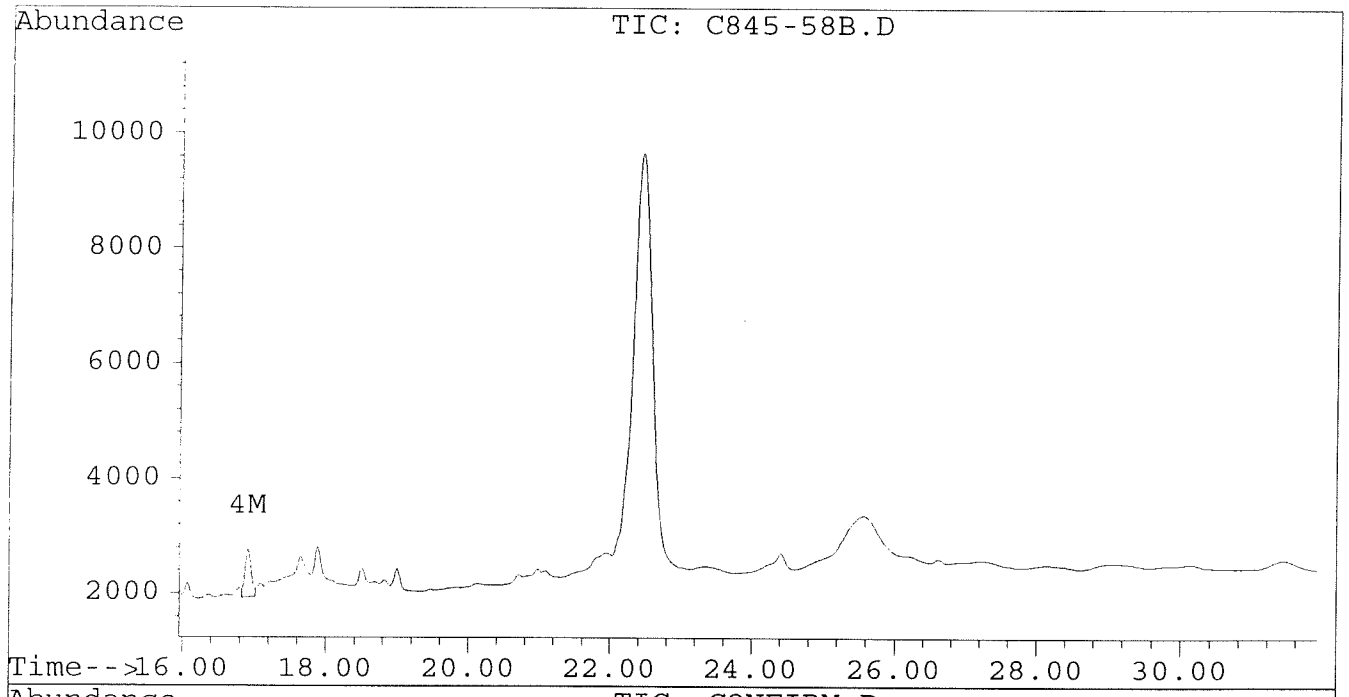
Quantitation Report

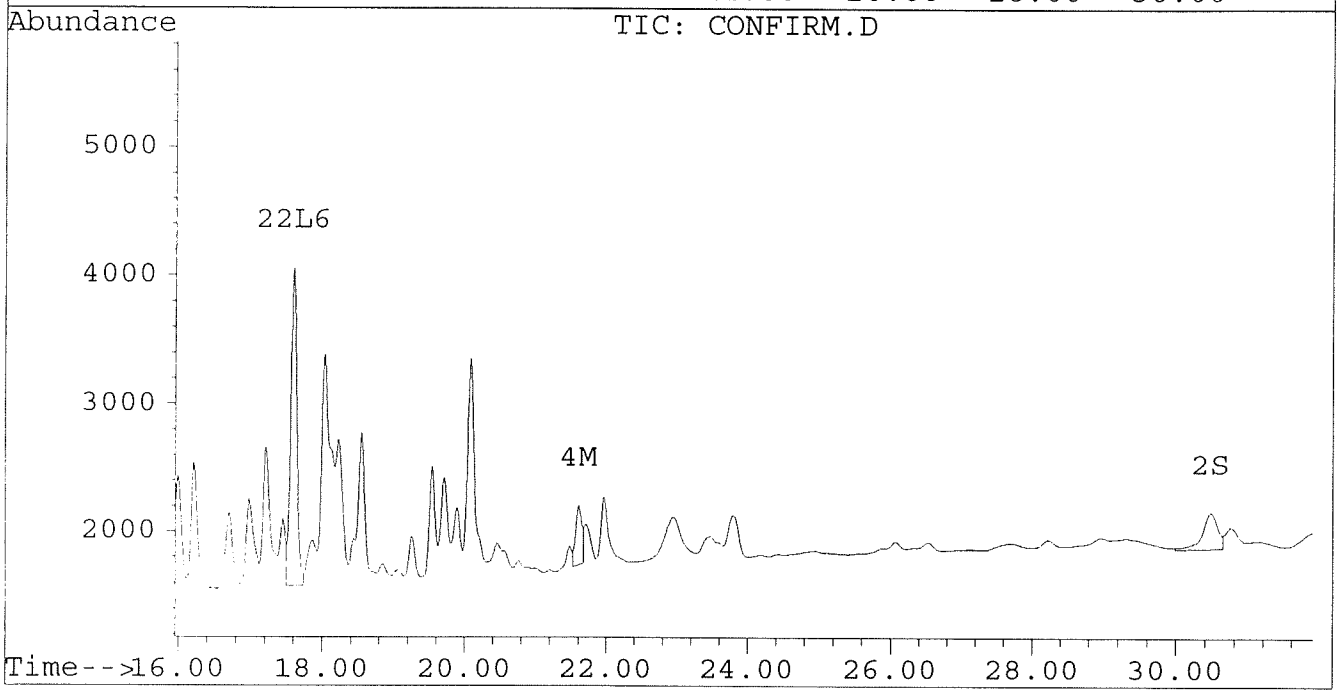
Signal #1 : D:\HPCHEM\5\SE3\C845-58B.D
Signal #2 : D:\HPCHEM\5\SE3\C845-58B.D\CONFIRM.D
Acq On : 04 Sep 96 08:23 AM
Sample : VHB/ PT7 1:10 DILUTION
Misc : 30.3G/10ML 86% SOLID
Quant Time: Sep 4 8:57 1996

Vial: 29
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0620

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-59A.D Vial: 10
Signal #2 : D:\HPCHEM\5\AU29\C845-59A.D\CONFIRM.D
Acq On : 02 Sep 96 04:54 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 5:27 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1) S	Tetrachloro-m-xylen	4.11	6.53	755	648	0.003	0.003	
				Recovery	=	7.50%	7.50%	
2) S	Decachlorobiphenyl	22.29	30.72	616	375	0.003	0.004	#
				Recovery	=	7.50%	10.00%	
	Target Compounds							
3) M	2,4,4'-Trichlorobip	8.27	11.78	44382	32095	0.405	0.335	
4) M	2,2',3,3',4,4'-Hexa	17.00	21.70	5070	3188	0.027	0.020	#
5) L1	Aroclor-1016	6.85	8.90	6488	1242	0.203	0.092	#
6) L1	Aroclor-1016 {2}	8.98	10.43	14032	5815	0.800	0.208	#
7) L1	Aroclor-1016 {3}	9.38	12.36	23209	5208	0.895	0.302	#
Total	Aroclor-1016			43729	12265	1.898	0.602	
Average	Aroclor-1016					0.633	0.201	
8) L2	Aroclor-1221	5.13	8.12	143	712	0.020	0.116	#
9) L2	Aroclor-1221 {2}	5.55	8.67	336	627	0.058	0.129	#
10) L2	Aroclor-1221 {3}	5.73	8.90	2452	1242	0.121	0.081	#
Total	Aroclor-1221			2931	2581	0.199	0.326	
Average	Aroclor-1221					0.066	0.109	
11) L3	Aroclor-1232	5.73	8.90	2452	1242	0.134	0.087	#
12) L3	Aroclor-1232 {2}	6.85	10.43	6488	5815	0.475	0.484	
13) L3	Aroclor-1232 {3}	8.66	12.36	5807	5208	0.701	0.751	
Total	Aroclor-1232			14747	12265	1.311	1.322	
Average	Aroclor-1232					0.437	0.441	
14) L4	Aroclor-1242	8.27	11.78	44382	32095	1.072	1.077	
15) L4	Aroclor-1242 {2}	9.38	12.36	23209	5208	1.193	0.394	#
16) L4	Aroclor-1242 {3}	10.13	14.13	22078	17102	1.307	1.285	
Total	Aroclor-1242			89669	54405	3.572	2.756	
Average	Aroclor-1242					1.191	0.919	
17) L5	Aroclor-1248	9.38	15.08	23209	14000	0.729	0.621	
18) L5	Aroclor-1248 {2}	10.13	15.30	22078	15235	0.806	0.653	
19) L5	Aroclor-1248 {3}	11.43	16.31	24624	10137	0.708	0.568	
Total	Aroclor-1248			69911	39373	2.243	1.842	
Average	Aroclor-1248					0.748	0.614	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0621

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-59A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-59A.D\CONFIRM.D
Acq On : 02 Sep 96 04:54 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 5:27 1996

Vial: 10
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	13708	12360	0.439	0.458
21) L6 Aroclor-1254 {2}	13.48	15.83	21042	13063	0.487	0.449
22) L6 Aroclor-1254 {3}	15.87	17.69	14803	19134	0.461	0.480
Total Aroclor-1254			49554	44558	1.387	1.387
Average Aroclor-1254					0.462	0.462
23) L7 Aroclor-1260	13.98	18.33	10159	6962	0.293	0.218 #
24) L7 Aroclor-1260 {2}	14.76	18.64	8852	7715	0.218	0.214
25) L7 Aroclor-1260 {3}	17.97	22.06	3759	2767	0.065	0.052
Total Aroclor-1260			22770	17444	0.575	0.484
Average Aroclor-1260					0.192	0.161
26) L8 Aroclor-1268	18.91f	0.00	1048	0	NoCal	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.265 \times 10}{0.0302 \times .93 \times .666} \times 10 = 12108$

12000

AR1254

$\frac{0.948 \times 10}{0.0302 \times .93 \times .666} \times 10 = 5,068$

5000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

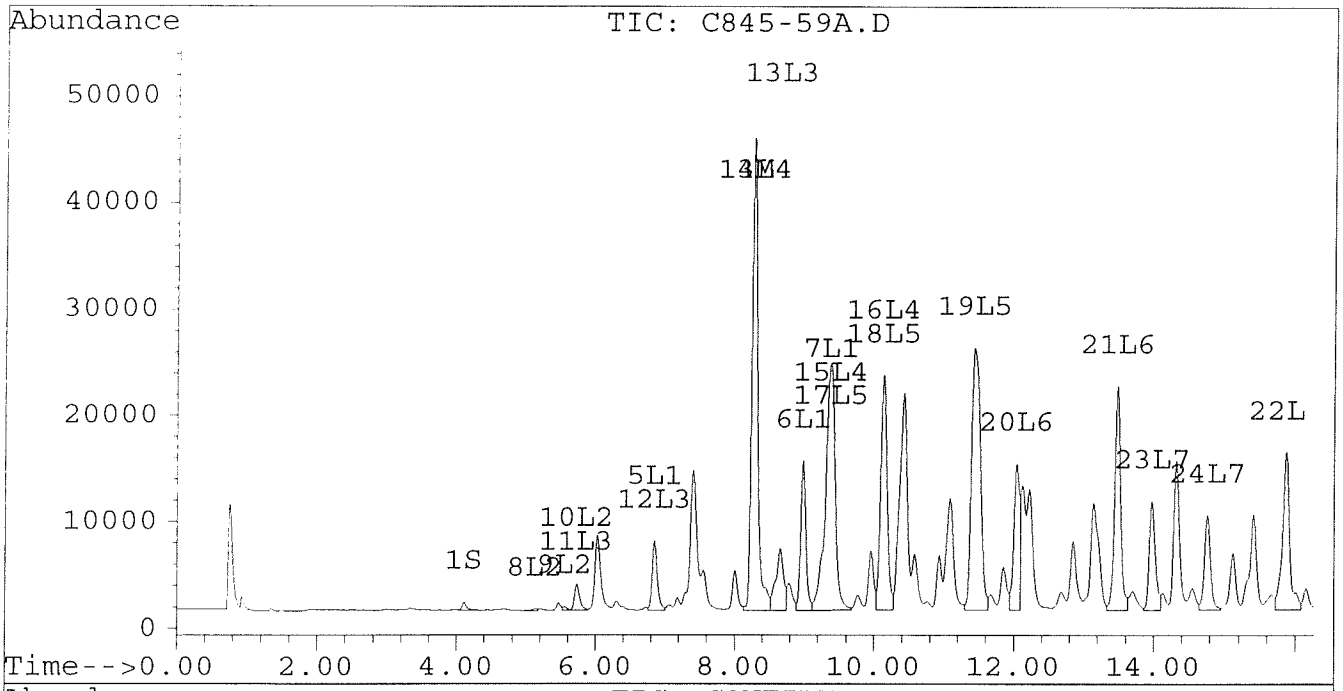
Quantitation Report

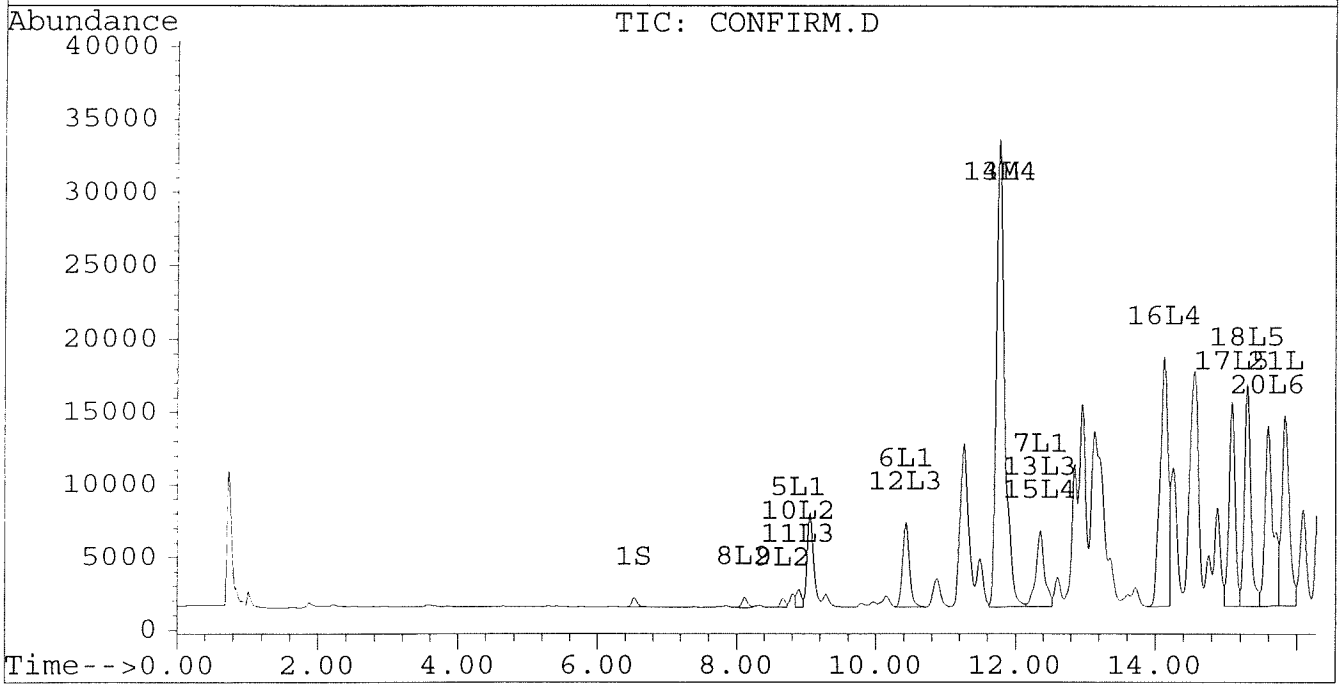
Signal #1 : D:\HPCHEM\5\AU29\C845-59A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-59A.D\CONFIRM.D
Acq On : 02 Sep 96 04:54 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 5:27 1996

Vial: 10
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0623

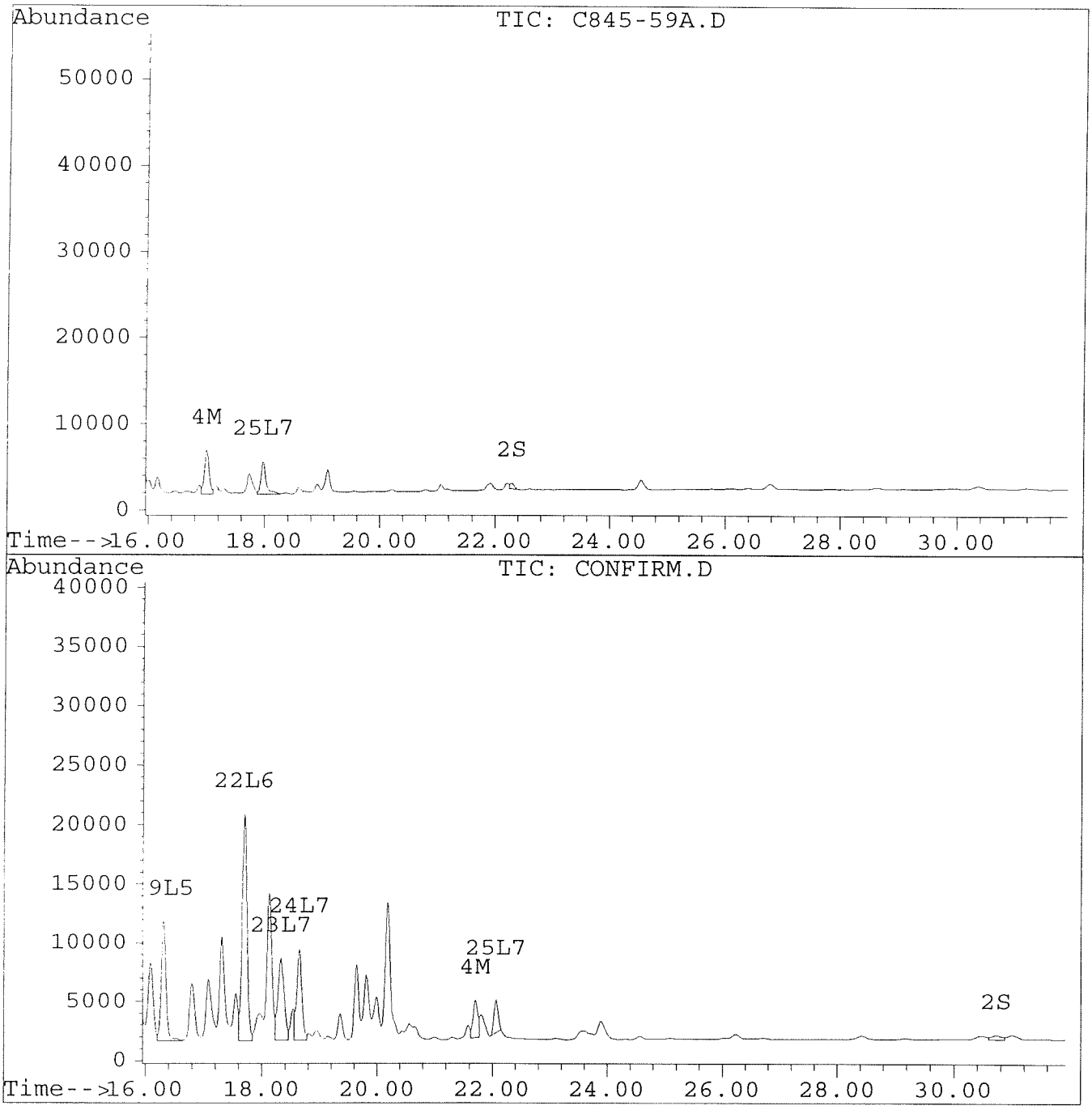
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-59A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-59A.D\CONFIRM.D
Acq On : 02 Sep 96 04:54 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 5:27 1996

Vial: 10
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0624

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-60A.D Vial: 11
Signal #2 : D:\HPCHEM\5\AU29\C845-60A.D\CONFIRM.D
Acq On : 02 Sep 96 05:29 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 6:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
		System Monitoring Compounds							
1)	S	Tetrachloro-m-xylen	4.11	6.53	648	594	0.003	0.003	
					Recovery	=	7.50%	7.50%	
2)	S	Decachlorobiphenyl	22.30	30.72	805	369	0.004	0.004	
					Recovery	=	10.00%	10.00%	
		Target Compounds							
3)	M	2,4,4'-Trichlorobip	8.27	11.78	36921	25956	0.337	0.271	
4)	M	2,2',3,3',4,4'-Hexa	16.99	21.71	2732	1694	0.015	0.011	#
5)	L1	Aroclor-1016	6.85	8.89	9046	825	0.283	0.061	#
6)	L1	Aroclor-1016 {2}	8.98	10.43	10636	8238	0.606	0.295	#
7)	L1	Aroclor-1016 {3}	9.38	12.35	20175	3988	0.778	0.231	#
		Total Aroclor-1016			39858	13051	1.667	0.587	
		Average Aroclor-1016					0.556	0.196	
8)	L2	Aroclor-1221	5.13	8.12	108	173	0.015	0.028	#
9)	L2	Aroclor-1221 {2}	5.56	8.67	240	593	0.041	0.122	#
10)	L2	Aroclor-1221 {3}	5.73	8.89	2083	825	0.103	0.054	#
		Total Aroclor-1221			2431	1590	0.160	0.204	
		Average Aroclor-1221					0.053	0.068	
11)	L3	Aroclor-1232	5.73	8.89	2083	825	0.114	0.058	#
12)	L3	Aroclor-1232 {2}	6.85	10.43	9046	8238	0.663	0.686	
13)	L3	Aroclor-1232 {3}	8.66	12.35	4140	3988	0.500	0.575	
		Total Aroclor-1232			15270	13051	1.277	1.318	
		Average Aroclor-1232					0.426	0.439	
14)	L4	Aroclor-1242	8.27	11.78	36921	25956	0.892	0.871	
15)	L4	Aroclor-1242 {2}	9.38	12.35	20175	3988	1.037	0.302	#
16)	L4	Aroclor-1242 {3}	10.13	14.13	18290	13967	1.083	1.050	
		Total Aroclor-1242			75386	43912	3.011	2.223	
		Average Aroclor-1242					1.004	0.741	
17)	L5	Aroclor-1248	9.38	15.08	20175	8612	0.634	0.382	#
18)	L5	Aroclor-1248 {2}	10.13	15.30	18290	10583	0.668	0.453	#
19)	L5	Aroclor-1248 {3}	11.43	16.31	14739	5736	0.424	0.321	
		Total Aroclor-1248			53204	24931	1.725	1.157	
		Average Aroclor-1248					0.575	0.386	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-60A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-60A.D\CONFIRM.D
Acq On : 02 Sep 96 05:29 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 6:03 1996

Vial: 11
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	6690	6580	0.214	0.244
21) L6	Aroclor-1254 {2}	13.48	15.83	10024	6543	0.232	0.225
22) L6	Aroclor-1254 {3}	15.87	17.69	7489	8920	0.233	0.224
Total	Aroclor-1254			24203	22043	0.680	0.692
Average	Aroclor-1254					0.227	0.231
23) L7	Aroclor-1260	13.97	18.32	5049	3507	0.145	0.110
24) L7	Aroclor-1260 {2}	14.76	18.64	4245	3760	0.104	0.105
25) L7	Aroclor-1260 {3}	17.97	22.06	2588	1491	0.045	0.028 #
Total	Aroclor-1260			11882	8757	0.295	0.242
Average	Aroclor-1260					0.098	0.081
26) L8	Aroclor-1268	0.00	23.33	0	325	N.D.	0.076 #
27) L8	Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8	Aroclor-1268 {3}	0.00	28.12	0	257	N.D.	NoCal
Total	Aroclor-1268			0	325	N.D.	0.076
Average	Aroclor-1268					0.000	0.076

AR1242

$$\frac{1.929 \times 10}{0.0302 \times .94 \times .666} \times 10 = 10202$$

10000

AR1254

$$\frac{0.465 \times 10}{0.0302 \times .94 \times .666} \times 10 = 2459$$

2500
~~2400~~

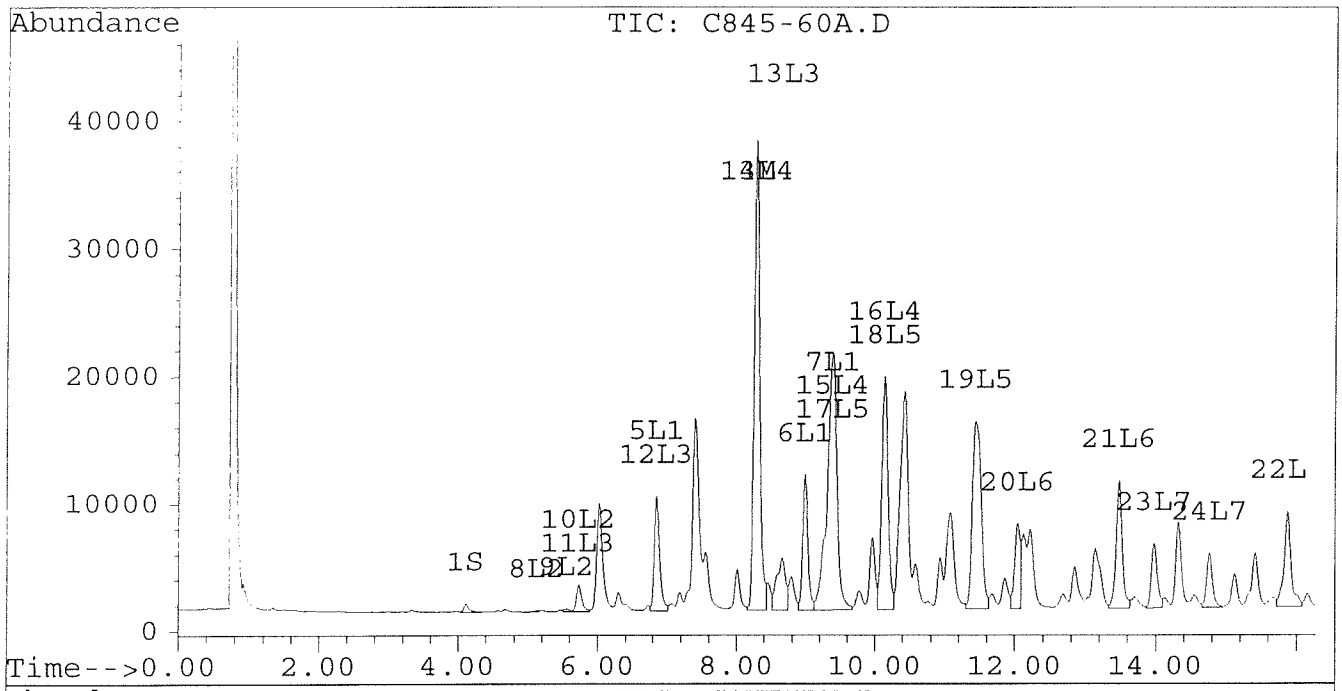
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

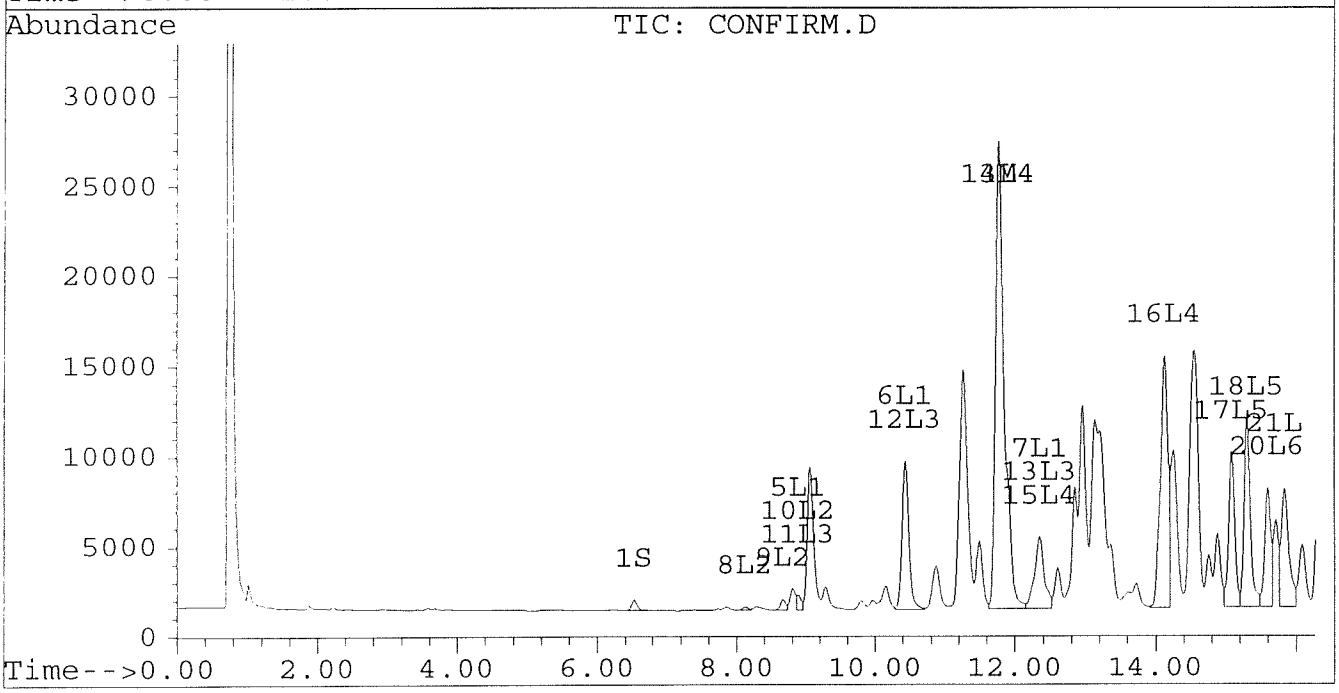
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-60A.D Vial: 11
Signal #2 : D:\HPCHEM\5\AU29\C845-60A.D\CONFIRM.D
Acq On : 02 Sep 96 05:29 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 6:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-60A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-60A.D\CONFIRM.D
Acq On : 02 Sep 96 05:29 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 6:03 1996

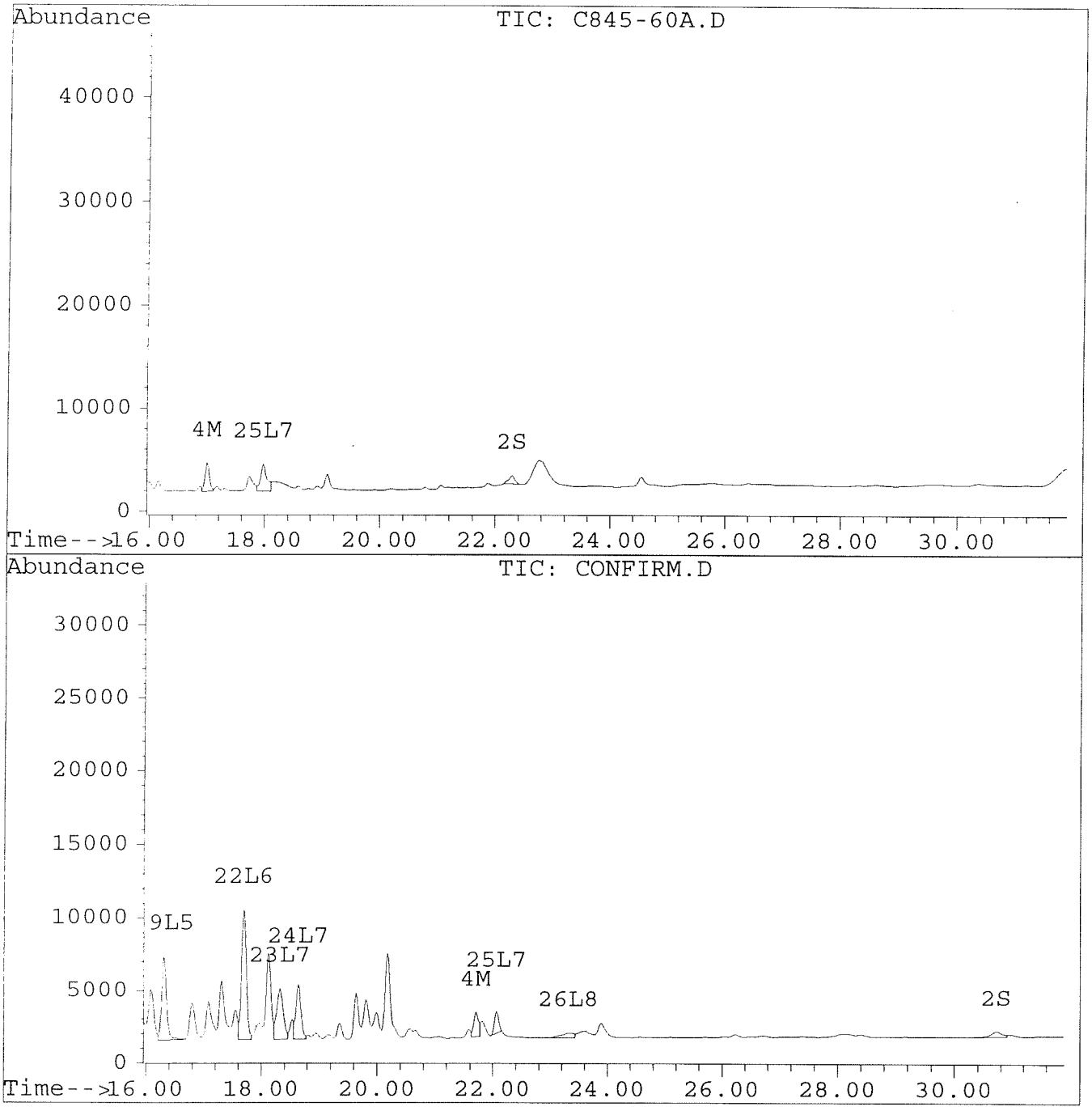
Vial: 11

Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM



0628

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-74A.D Vial: 13
Signal #2 : D:\HPCHEM\5\AU29\C845-74A.D\CONFIRM.D
Acq On : 02 Sep 96 06:40 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 5 12:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Thu Sep 05 11:41:08 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	709	654	0.003	0.003	
				Recovery	=	7.50%	7.50%	
2)	S Decachlorobiphenyl	22.29	30.74	1817	386	0.009m	0.004	#
				Recovery	=	22.50%	10.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	44733	31943	0.408	0.334	
4)	M 2,2',3,3',4,4'-Hexa	17.00	21.71	8092	5110	0.043	0.033	
5)	L1 Aroclor-1016	6.85	8.90	11560	2213	0.361	0.164	#
6)	L1 Aroclor-1016 (2)	8.99	10.43	13124	10478	0.748	0.375	#
7)	L1 Aroclor-1016 (3)	9.37	12.36	24770	7096	0.955	0.411	#
	Total Aroclor-1016			49454	19787	2.065	0.951	
	Average Aroclor-1016					0.688	0.317	
8)	L2 Aroclor-1221	5.13	8.12	245	608	0.035	0.099	#
9)	L2 Aroclor-1221 (2)	5.56	8.67	535	2184	0.092	0.448	#
10)	L2 Aroclor-1221 (3)	5.72	8.90	4883	2213	0.242	0.144	#
	Total Aroclor-1221			5663	5004	0.368	0.691	
	Average Aroclor-1221					0.123	0.230	
11)	L3 Aroclor-1232	5.72	8.90	4883	2213	0.268	0.154	#
12)	L3 Aroclor-1232 (2)	6.85	10.43	11560	10478	0.847	0.872	
13)	L3 Aroclor-1232 (3)	8.66	12.36	7894	7096	0.954	1.023	
	Total Aroclor-1232			24337	19787	2.068	2.050	
	Average Aroclor-1232					0.689	0.683	
14)	L4 Aroclor-1242	8.27	11.78	44733	31943	1.080	1.072	
15)	L4 Aroclor-1242 (2)	9.37	12.36	24770	7096	1.273	0.537	#
16)	L4 Aroclor-1242 (3)	10.13	14.13	22294	17849	1.320	1.342	
	Total Aroclor-1242			91797	56888	3.673	2.950	
	Average Aroclor-1242					1.224	0.983	
17)	L5 Aroclor-1248	9.37	15.08	24770	15523	0.778	0.689	
18)	L5 Aroclor-1248 (2)	10.13	15.30	22294	14860	0.814	0.637	
19)	L5 Aroclor-1248 (3)	11.43	16.31	29405	9157	0.845	0.513	#
	Total Aroclor-1248			76469	39540	2.437	1.839	
	Average Aroclor-1248					0.812	0.613	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0629

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-74A.D Vial: 13
Signal #2 : D:\HPCHEM\5\AU29\C845-74A.D\CONFIRM.D
Acq On : 02 Sep 96 06:40 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 5 12:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Thu Sep 05 11:41:08 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.60	19823	19086	0.635	0.706
21) L6 Aroclor-1254 {2}	13.48	15.83	30677	19127	0.710	0.657
22) L6 Aroclor-1254 {3}	15.87	17.69	23888	28579	0.744	0.718
Total Aroclor-1254			74389	66791	2.089	2.081
Average Aroclor-1254					0.696	0.694
23) L7 Aroclor-1260	13.98	18.33	14739	10708	0.425	0.335
24) L7 Aroclor-1260 {2}	14.76	18.64	13895	12130	0.342	0.337
25) L7 Aroclor-1260 {3}	17.97	22.06	5844	3961	0.101	0.074 #
Total Aroclor-1260			34477	26799	0.868	0.746
Average Aroclor-1260					0.289	0.249
26) L8 Aroclor-1268	0.00	23.33	0	1058	N.D.	0.246 #
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	1058	N.D.	0.246
Average Aroclor-1268					0.000	0.246

AR1242

$\frac{2.353 \times 10}{0.0303 \times .9 \times .666} \times 10 = 12955$

13000

AR1254

$\frac{1454 \times 10}{0.0303 \times .9 \times .666} \times 10 = 7861$

7900

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
C845-74A.D PCB1G.M Thu Sep 05 12:08:13 1996 HPPC Page 2

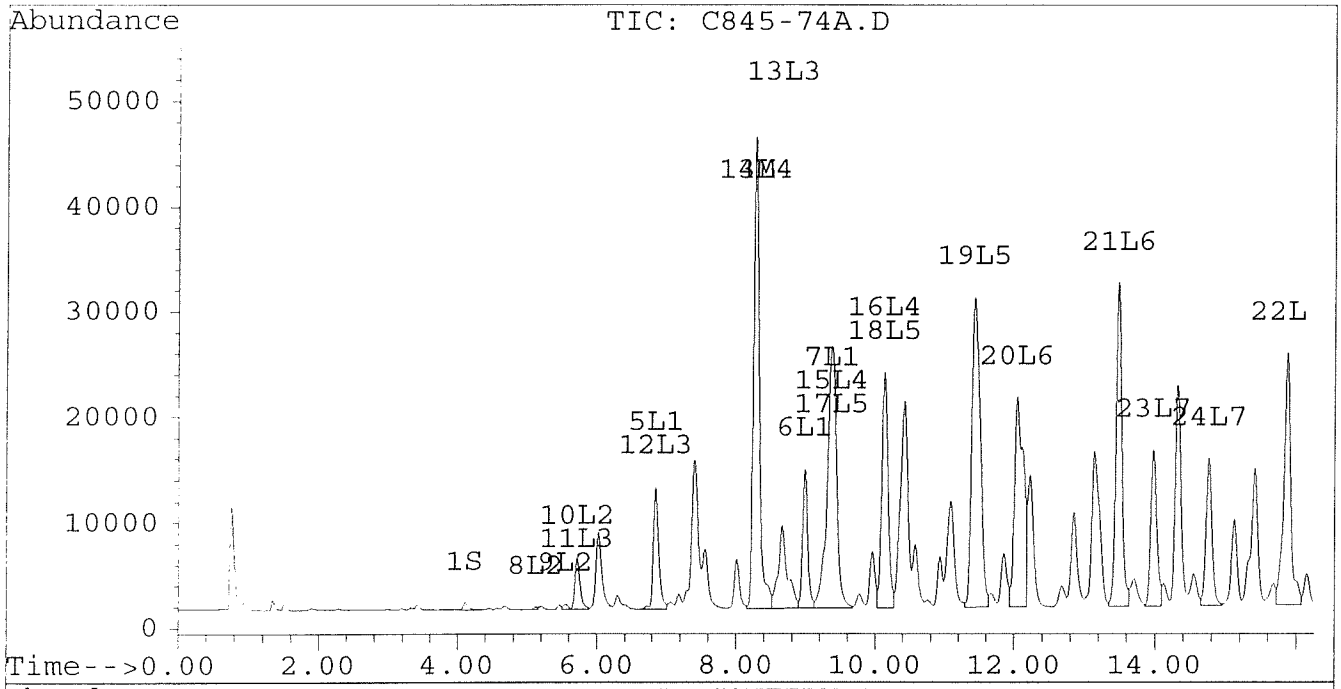
0630

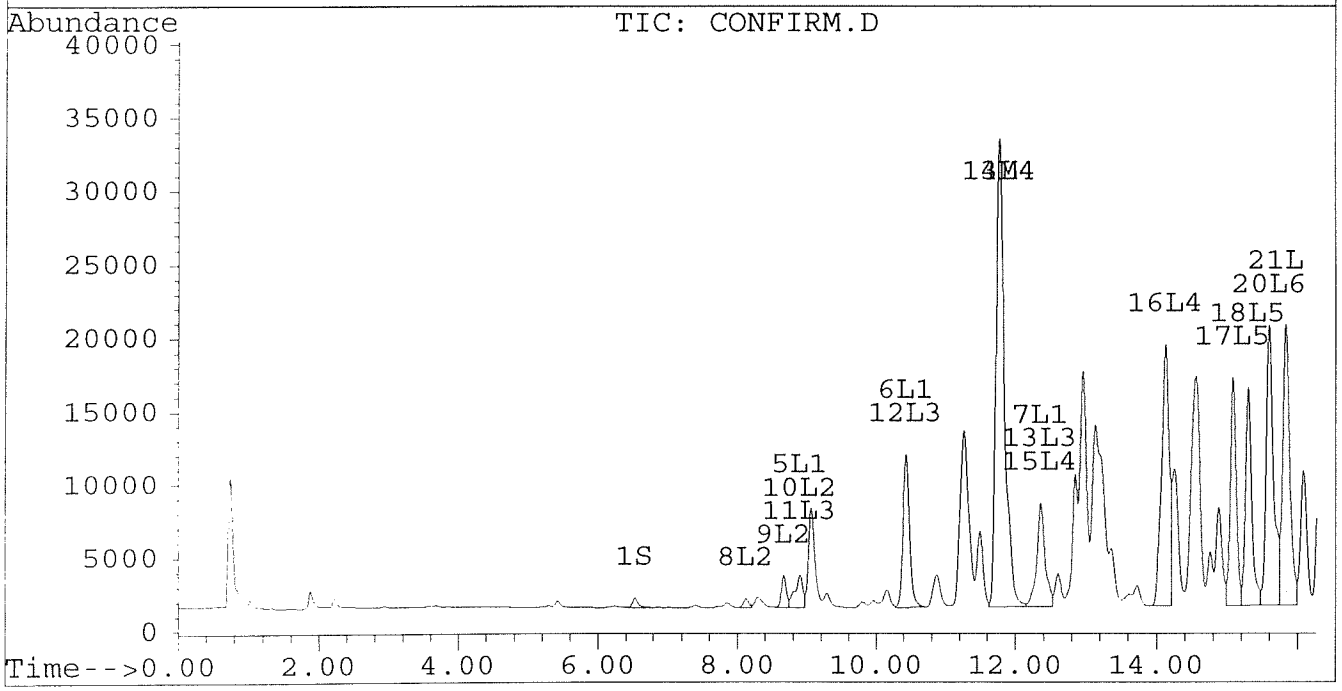
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-74A.D Vial: 13
Signal #2 : D:\HPCHEM\5\AU29\C845-74A.D\CONFIRM.D
Acq On : 02 Sep 96 06:40 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 5 12:07 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Thu Sep 05 11:41:08 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-74A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-74A.D\CONFIRM.D
Acq On : 02 Sep 96 06:40 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 5 12:07 1996

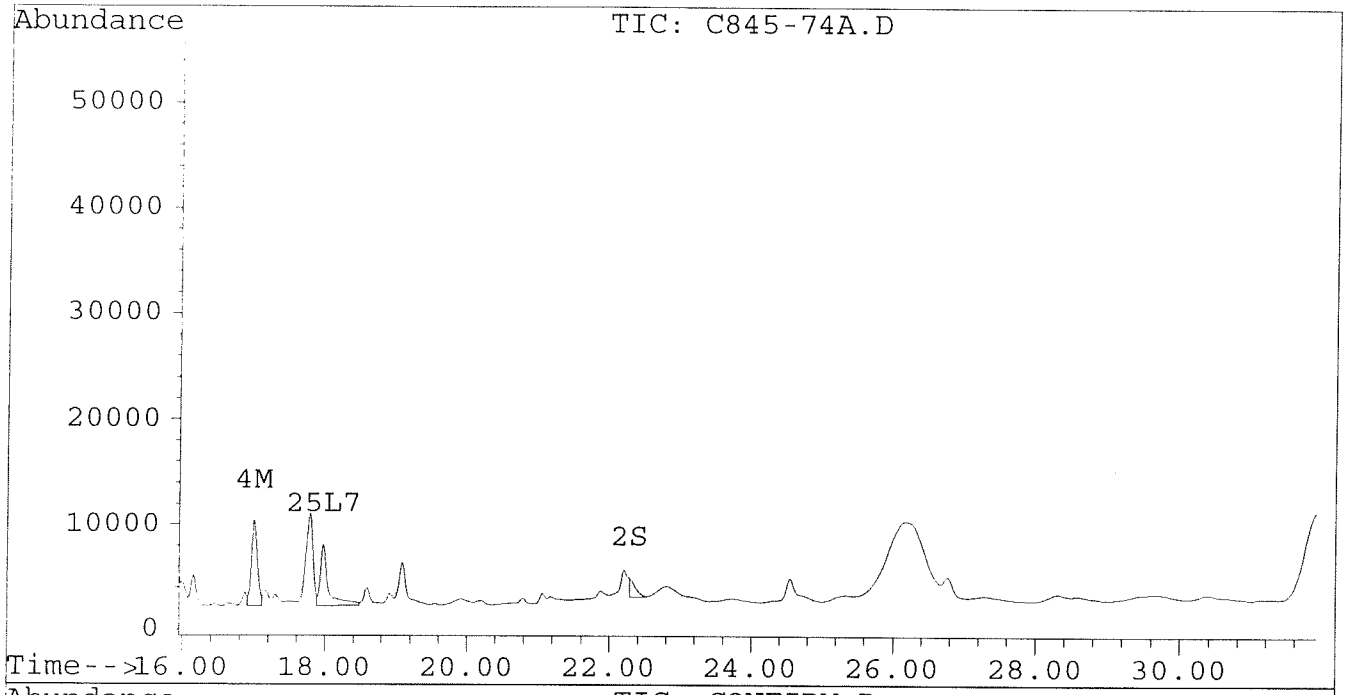
Vial: 13

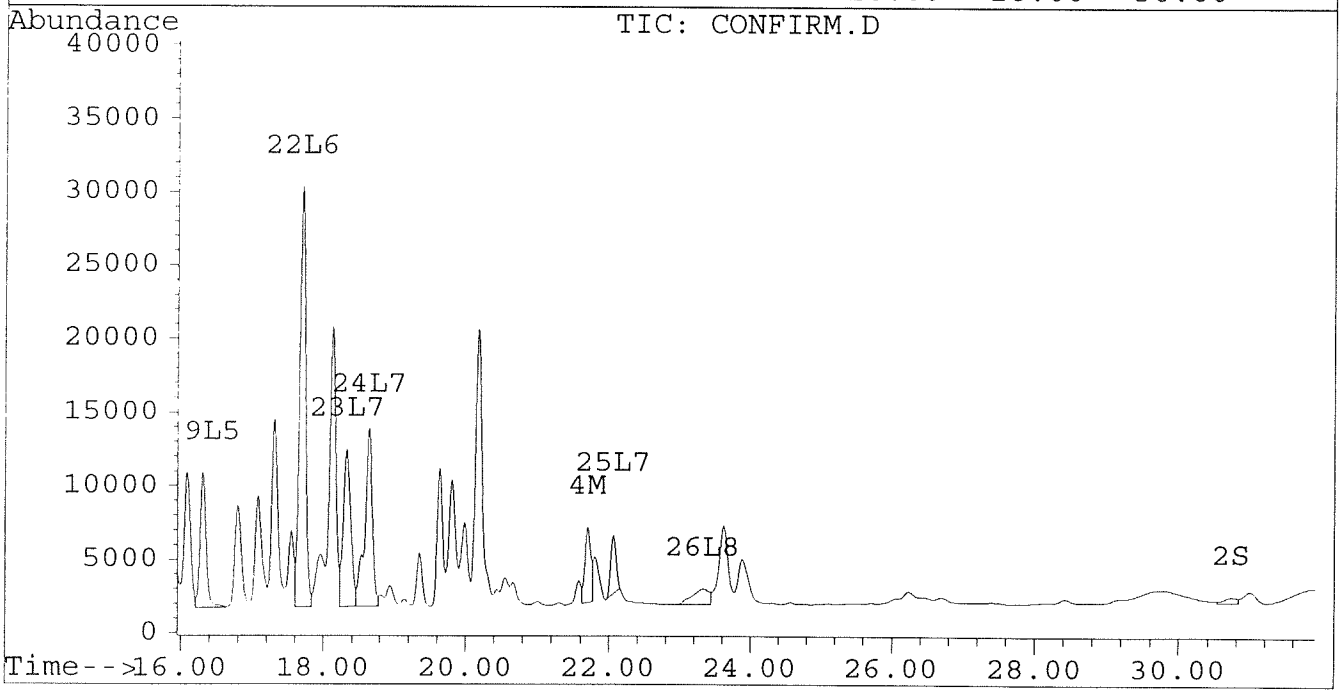
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Thu Sep 05 11:41:08 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-75A.D Vial: 14
Signal #2 : D:\HPCHEM\5\AU29\C845-75A.D\CONFIRM.D
Acq On : 02 Sep 96 07:16 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 7:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.10	6.53	1039	2720	0.004	0.014 #
				Recovery	=	10.00%	35.00%
2) S	Decachlorobiphenyl	22.30	30.72	12505	5468	0.059	0.062
				Recovery	=	147.50%	155.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.28	11.79	102322	60843	0.934	0.635 #
4) M	2,2',3,3',4,4'-Hexa	16.99	21.70	11153	6901	0.060	0.044 #
5) L1	Aroclor-1016	6.85	0.00	16040	0	0.501	N.D. #
6) L1	Aroclor-1016 {2}	8.98	10.43	25416	11715	1.449	0.420 #
7) L1	Aroclor-1016 {3}	9.37	12.32f	41496	16826	1.600	0.975 #
Total	Aroclor-1016			82952	28541	3.550	1.395
Average	Aroclor-1016					1.183	0.697
8) L2	Aroclor-1221	5.13	8.12	343	1068	0.049	0.175 #
9) L2	Aroclor-1221 {2}	5.55	8.67	788	1643	0.135	0.337 #
10) L2	Aroclor-1221 {3}	5.73	0.00	15791	0	0.781	N.D. #
Total	Aroclor-1221			16923	2711	0.966	0.512
Average	Aroclor-1221					0.322	0.256
11) L3	Aroclor-1232	5.73	0.00	15791	0	0.866	N.D. #
12) L3	Aroclor-1232 {2}	6.85	10.43	16040	11715	1.175	0.975
13) L3	Aroclor-1232 {3}	8.66	12.32f	10624	16826	1.283	2.426 #
Total	Aroclor-1232			42455	28541	3.325	3.402
Average	Aroclor-1232					1.108	1.701
14) L4	Aroclor-1242	8.28	11.79	102322	60843	2.471	2.042
15) L4	Aroclor-1242 {2}	9.37	12.32f	41496	16826	2.133	1.273 #
16) L4	Aroclor-1242 {3}	10.13	14.13	38487	30931	2.278	2.325
Total	Aroclor-1242			182304	108600	6.882	5.639
Average	Aroclor-1242					2.294	1.880
17) L5	Aroclor-1248	9.37	15.08	41496	25311	1.304	1.124
18) L5	Aroclor-1248 {2}	10.13	15.30	38487	27407	1.405	1.174
19) L5	Aroclor-1248 {3}	11.43	16.31	44558	18877	1.281	1.057
Total	Aroclor-1248			124541	71595	3.989	3.355
Average	Aroclor-1248					1.330	1.118

needs dilution

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0633

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-75A.D Vial: 14
Signal #2 : D:\HPCHEM\5\AU29\C845-75A.D\CONFIRM.D
Acq On : 02 Sep 96 07:16 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 7:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	12.04	15.59	27254	24548	0.873	0.909
21) L6	Aroclor-1254 {2}	13.48	15.83	42957	26256	0.995	0.902
22) L6	Aroclor-1254 {3}	15.87	17.69	30880	38908	0.961	0.977
Total	Aroclor-1254			101092	89712	2.829	2.788
Average	Aroclor-1254					0.943	0.929
23) L7	Aroclor-1260	13.97	18.32	19974	15434	0.576	0.483
24) L7	Aroclor-1260 {2}	14.76	18.64	17510	15623	0.431	0.434
25) L7	Aroclor-1260 {3}	17.97	22.06	9605	5864	0.166	0.110 #
Total	Aroclor-1260			47089	36921	1.172	1.027
Average	Aroclor-1260					0.391	0.342
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.52	0	9936	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	28.08	0	783	N.D.	NoCal
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR 1254

$$\frac{1.957 \times 10}{0.0301 \times .92 \times .666} \times 10 = 10,611$$

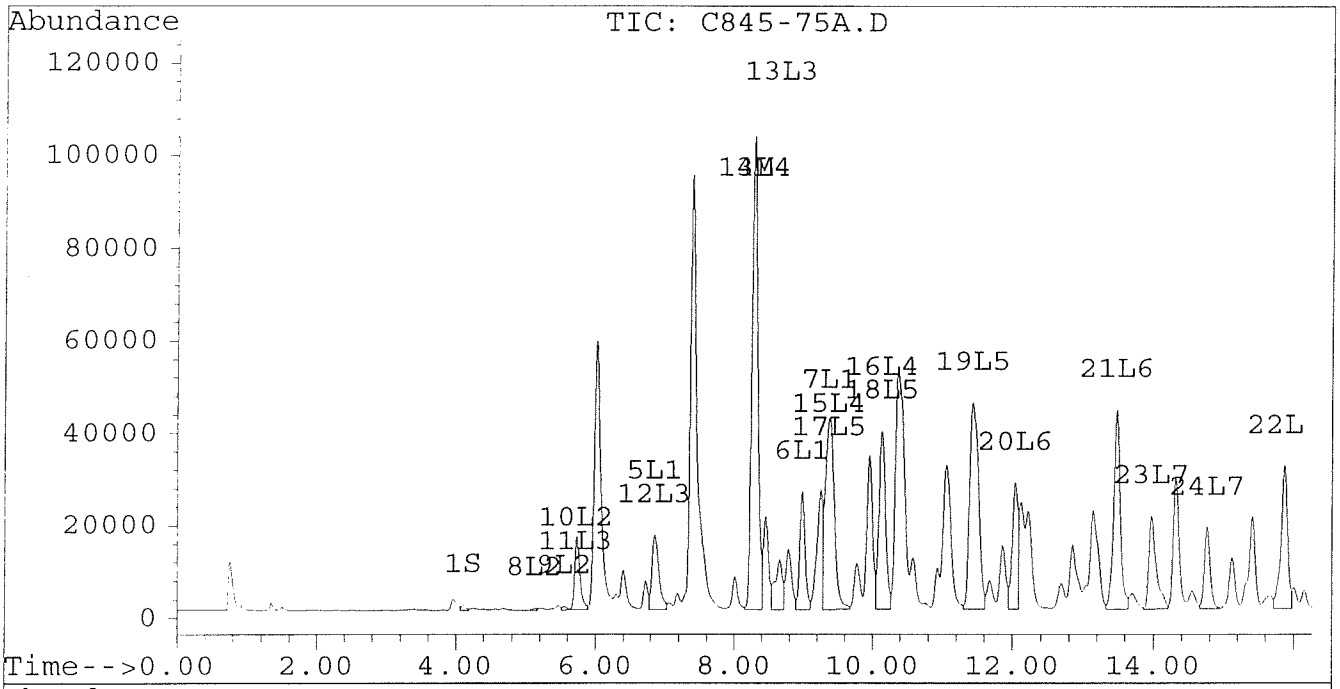
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

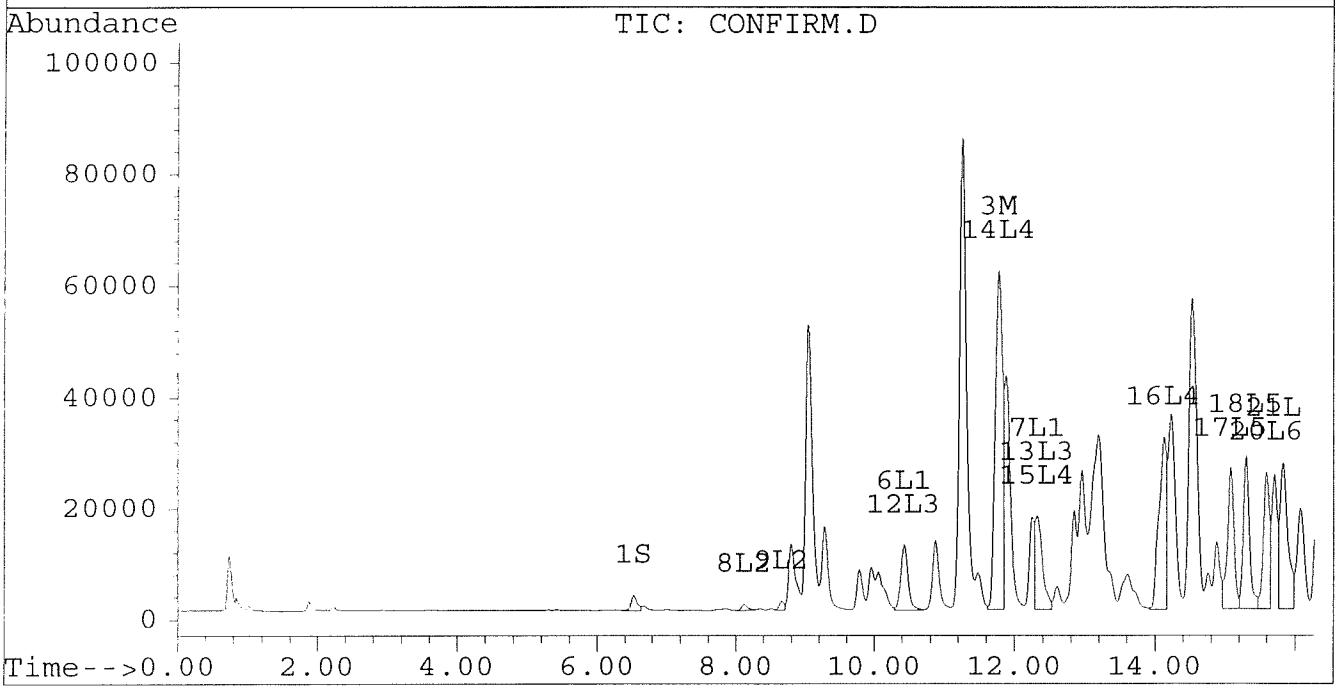
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-75A.D Vial: 14
Signal #2 : D:\HPCHEM\5\AU29\C845-75A.D\CONFIRM.D
Acq On : 02 Sep 96 07:16 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 7:50 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





0635

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-75A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-75A.D\CONFIRM.D
Acq On : 02 Sep 96 07:16 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 7:50 1996

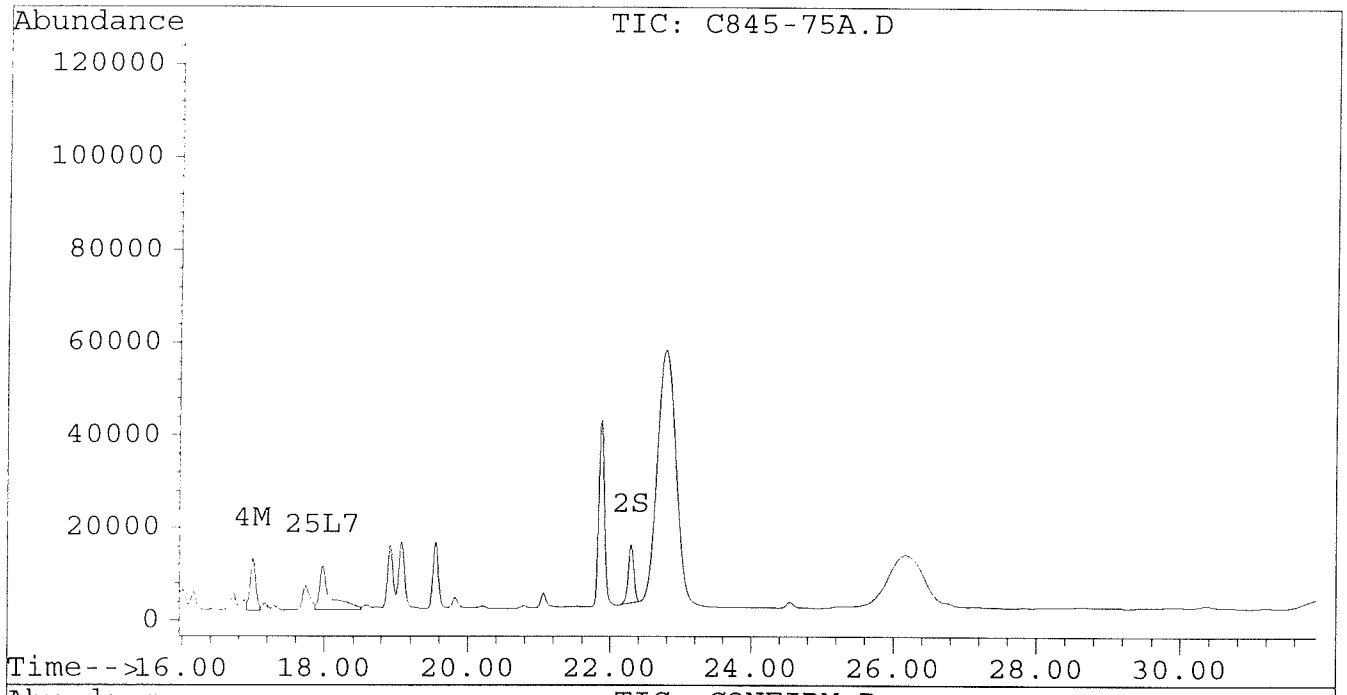
Vial: 14

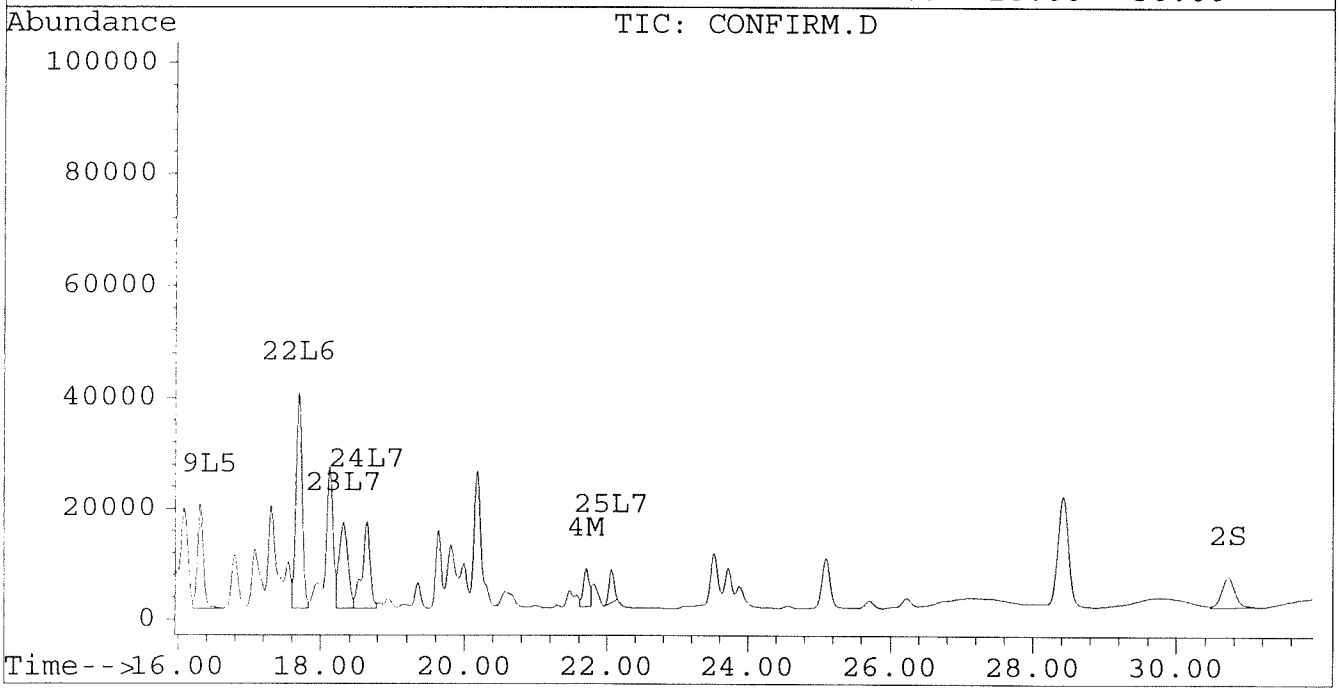
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-75C.D Vial: 14
Signal #2 : D:\HPCHEM\5\SE3\C845-75C.D\CONFIRM.D
Acq On : 03 Sep 96 11:29 PM Operator: JS
Sample : VHB / DT6 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 92% SOLID Multiplr: 1.00
Quant Time: Sep 4 0:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
		System Monitoring Compounds						
1)	S	Tetrachloro-m-xylen	4.05	6.46	461	1235	0.002	0.006 #
					Recovery	=	5.00%	15.00%
2)	S	Decachlorobiphenyl	22.20	30.48	5467	2459	0.026	0.028
					Recovery	=	65.00%	70.00%
		Target Compounds						
3)	M	2,4,4'-Trichlorobip	8.20	11.70	46181	27171	0.422	0.284 #
4)	M	2,2',3,3',4,4'-Hexa	16.91	21.60	4417	2658	0.024	0.017 #
5)	L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6)	L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7)	L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1016			0	0	N.D.	N.D.
	Average	Aroclor-1016					0.000	0.000
8)	L2	Aroclor-1221	5.15	0.00	181	0	0.026	N.D. #
9)	L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10)	L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1221			181	0	0.026	N.D.
	Average	Aroclor-1221					0.026	0.000
11)	L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12)	L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13)	L3	Aroclor-1232 {3}	8.71f	0.00	5914	0	0.715	N.D. #
	Total	Aroclor-1232			5914	0	0.715	N.D.
	Average	Aroclor-1232					0.715	0.000
14)	L4	Aroclor-1242	8.20	11.70	46181	27171	1.115	0.912
15)	L4	Aroclor-1242 {2}	9.30	12.24f	19648	7719	1.010	0.584 #
16)	L4	Aroclor-1242 {3}	10.05	14.04	17359	14124	1.027	1.062
	Total	Aroclor-1242			83189	49014	3.153	2.557
	Average	Aroclor-1242					1.051	0.852
17)	L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18)	L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19)	L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
	Total	Aroclor-1248			0	0	N.D.	N.D.
	Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0637

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-75C.D Vial: 14
Signal #2 : D:\HPCHEM\5\SE3\C845-75C.D\CONFIRM.D
Acq On : 03 Sep 96 11:29 PM Operator: JS
Sample : VHB / DT6 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 92% SOLID Multiplr: 1.00
Quant Time: Sep 4 0:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	11940	11053	0.382	0.409
21) L6	Aroclor-1254 {2}	13.40	15.74	18075	11872	0.419	0.408
22) L6	Aroclor-1254 {3}	15.79	17.60	12746	16478	0.397	0.414
Total	Aroclor-1254			42761	39403	1.198	1.231
Average	Aroclor-1254					0.399	0.410
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.83	0.00	5557	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	18.98	0.00	5643	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.78f	0.00	16245	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR1242

$$\frac{2.125 \times 10}{0.0301 \times .92 \times .666} \times 25 = 29805$$

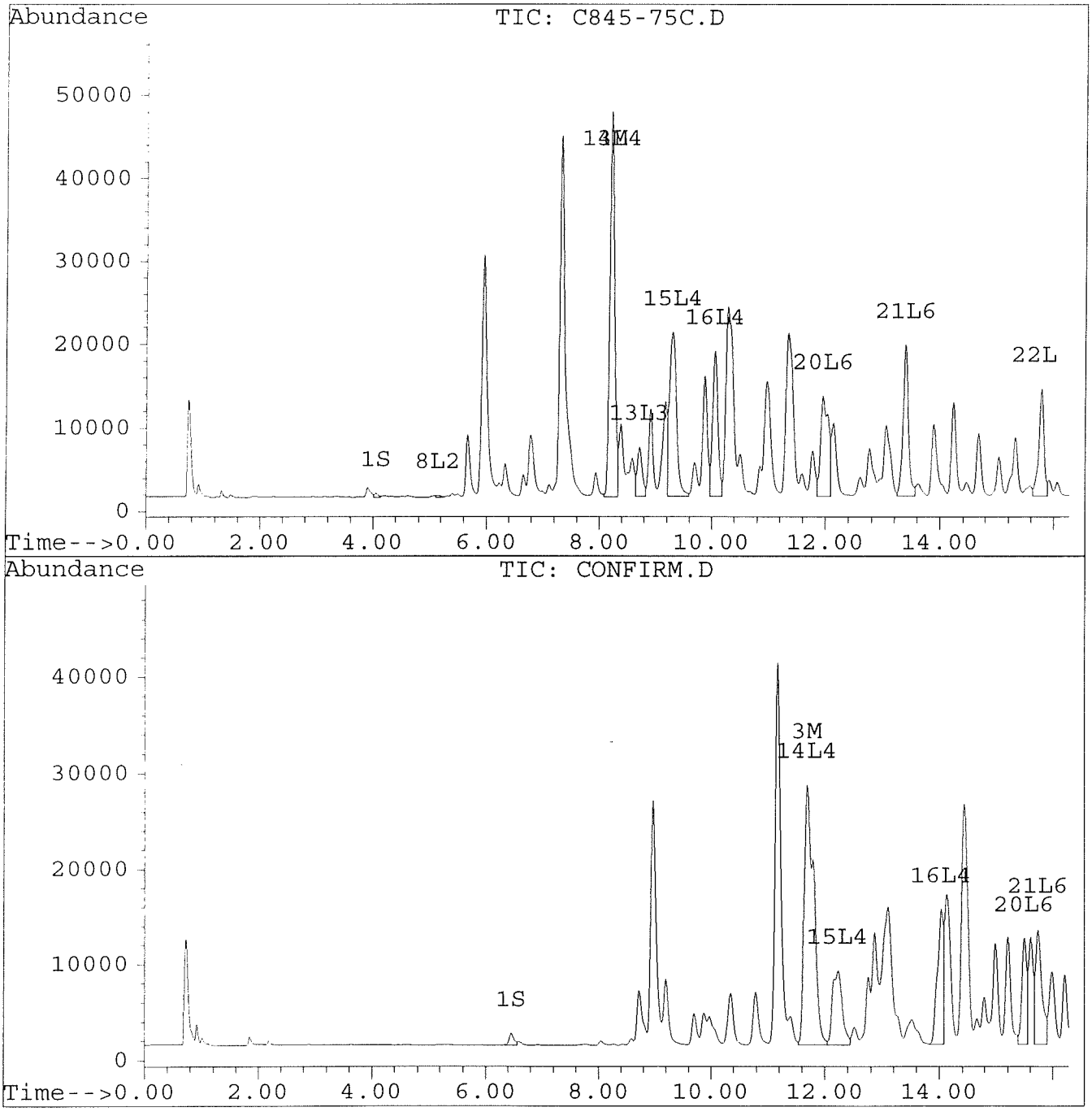
29000

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-75C.D Vial: 14
Signal #2 : D:\HPCHEM\5\SE3\C845-75C.D\CONFIRM.D
Acq On : 03 Sep 96 11:29 PM Operator: JS
Sample : VHB / DT6 1:25 DILUTION Inst : ECD1
Misc : 30.1G/10ML 92% SOLID Multiplr: 1.00
Quant Time: Sep 4 0:03 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM



0639

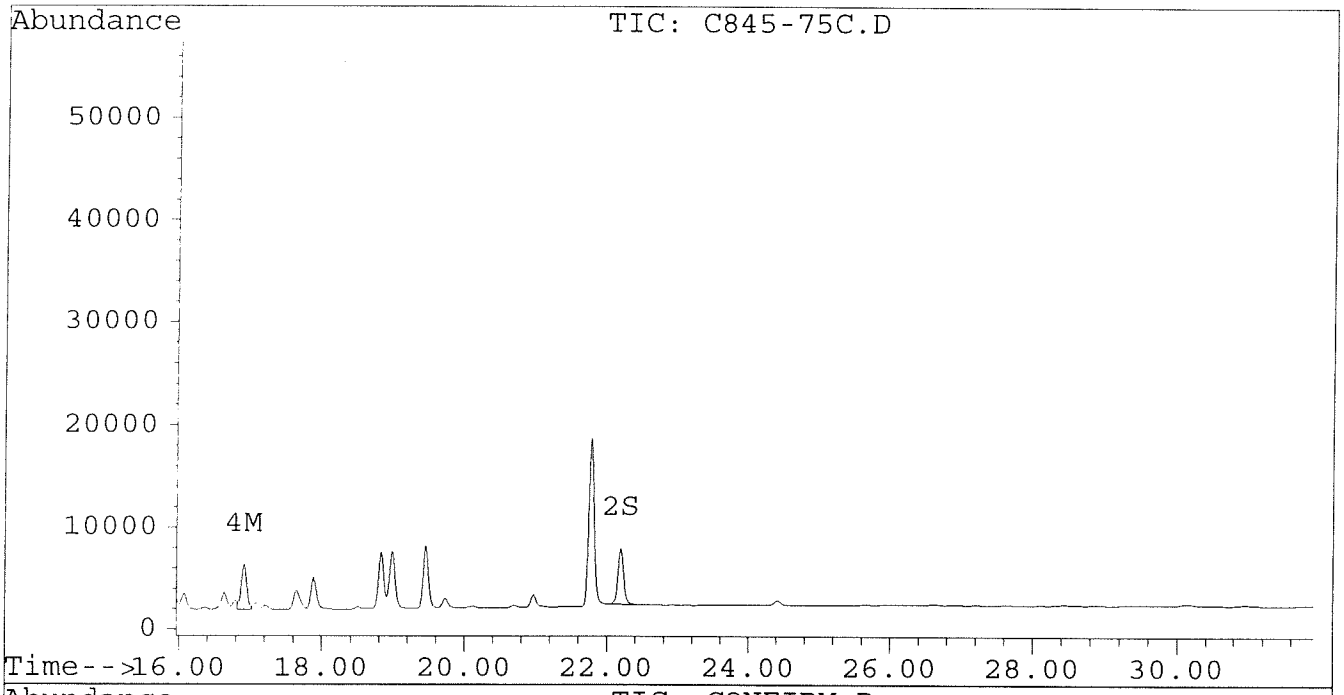
Quantitation Report

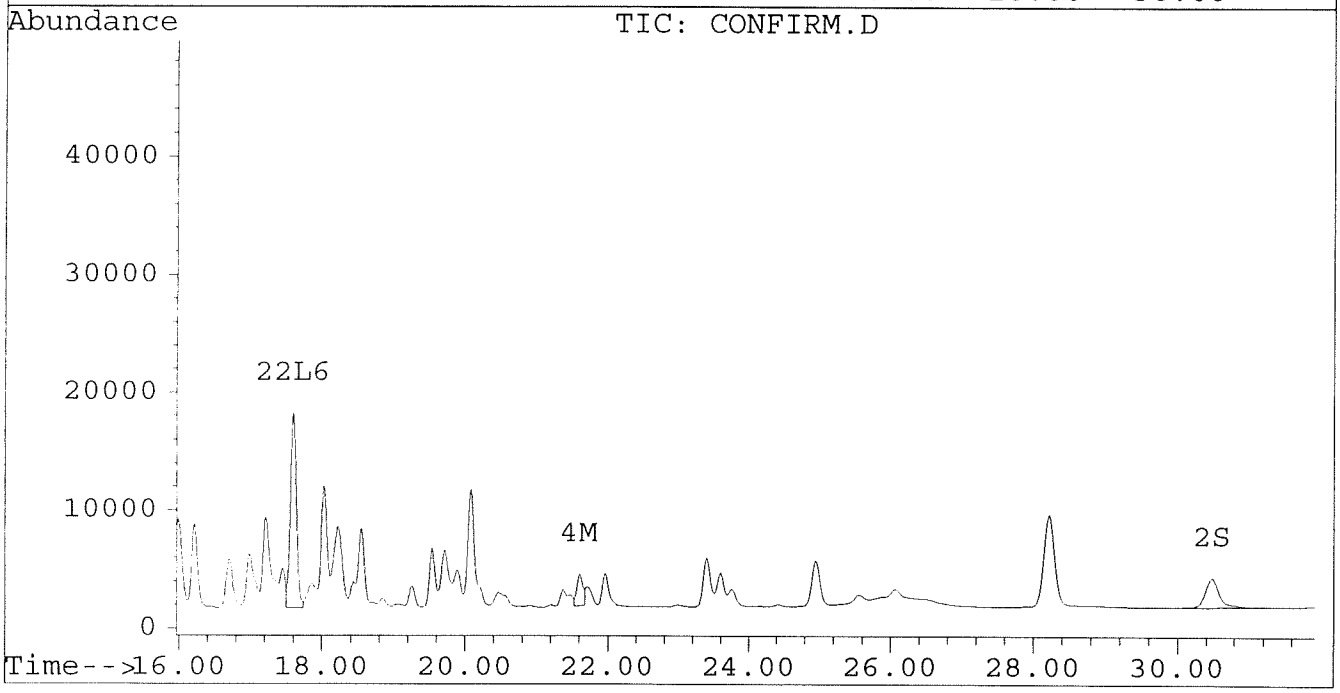
Signal #1 : D:\HPCHEM\5\SE3\C845-75C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-75C.D\CONFIRM.D
Acq On : 03 Sep 96 11:29 PM
Sample : VHB / DT6 1:25 DILUTION
Misc : 30.1G/10ML 92% SOLID
Quant Time: Sep 4 0:03 1996

Vial: 14
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0640

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-76C.D Vial: 21
Signal #2 : D:\HPCHEM\5\SE3\C845-76C.D\CONFIRM.D
Acq On : 04 Sep 96 03:38 AM Operator: JS
Sample : VHB / DW4 Inst : ECD1
Misc : 30.1G/10ML 96% SOLID Multiplr: 1.00
Quant Time: Sep 4 4:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.05	6.46	10158	7699	0.043	0.040
				Recovery	=	107.50%	100.00%
2) S	Decachlorobiphenyl	22.20	30.49	5998	3019	0.028	0.034
				Recovery	=	70.00%	85.00%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.20	11.70	6831	3849	0.062	0.040 #
4) M	2,2',3,3',4,4'-Hexa	16.91	21.61	1102	692	0.006	0.004 #
5) L1	Aroclor-1016	0.00	0.00	0	0	N.D.	N.D.
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1016			0	0	N.D.	N.D.
Average	Aroclor-1016					0.000	0.000
8) L2	Aroclor-1221	5.16	0.00	91	0	0.013	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1221			91	0	0.013	N.D.
Average	Aroclor-1221					0.013	0.000
11) L3	Aroclor-1232	0.00	0.00	0	0	N.D.	N.D.
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	8.72f	0.00	952	0	0.115	N.D. #
Total	Aroclor-1232			952	0	0.115	N.D.
Average	Aroclor-1232					0.115	0.000
14) L4	Aroclor-1242	8.20	11.70	6831	3849	0.165	0.129
15) L4	Aroclor-1242 {2}	9.29	12.25	3857	1258	0.198	0.095 #
16) L4	Aroclor-1242 {3}	10.05	14.04	3187	2603	0.189	0.196
Total	Aroclor-1242			13875	7710	0.552	0.420
Average	Aroclor-1242					0.184	0.140
17) L5	Aroclor-1248	0.00	0.00	0	0	N.D.	N.D.
18) L5	Aroclor-1248 {2}	0.00	0.00	0	0	N.D.	N.D.
19) L5	Aroclor-1248 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1248			0	0	N.D.	N.D.
Average	Aroclor-1248					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-76C.D Vial: 21
Signal #2 : D:\HPCHEM\5\SE3\C845-76C.D\CONFIRM.D
Acq On : 04 Sep 96 03:38 AM Operator: JS
Sample : VHB / DW4 Inst : ECD1
Misc : 30.1G/10ML 96% SOLID Multiplr: 1.00
Quant Time: Sep 4 4:12 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	11.96	15.50	2931	2465	0.094	0.091
21) L6	Aroclor-1254 {2}	13.40	15.74	4257	2809	0.099	0.097
22) L6	Aroclor-1254 {3}	15.79	17.60	3189	3810	0.099	0.096
Total	Aroclor-1254			10377	9084	0.292	0.283
Average	Aroclor-1254					0.097	0.094
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	0.00	0.00	0	0	N.D.	N.D.
25) L7	Aroclor-1260 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1260			0	0	N.D.	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	18.83f	0.00	199	0	NoCal	N.D.
27) L8	Aroclor-1268 {2}	19.00	0.00	596	0	NoCal	N.D.
28) L8	Aroclor-1268 {3}	21.78	0.00	148	0	NoCal	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

AR 1242

$\frac{0.363 \times 10}{0.0301 \times .96 \times .666} = 188.6$

190

AR 1254

$\frac{0.198 \times 10}{0.0301 \times .96 \times .666} = 102.8$

109

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0642

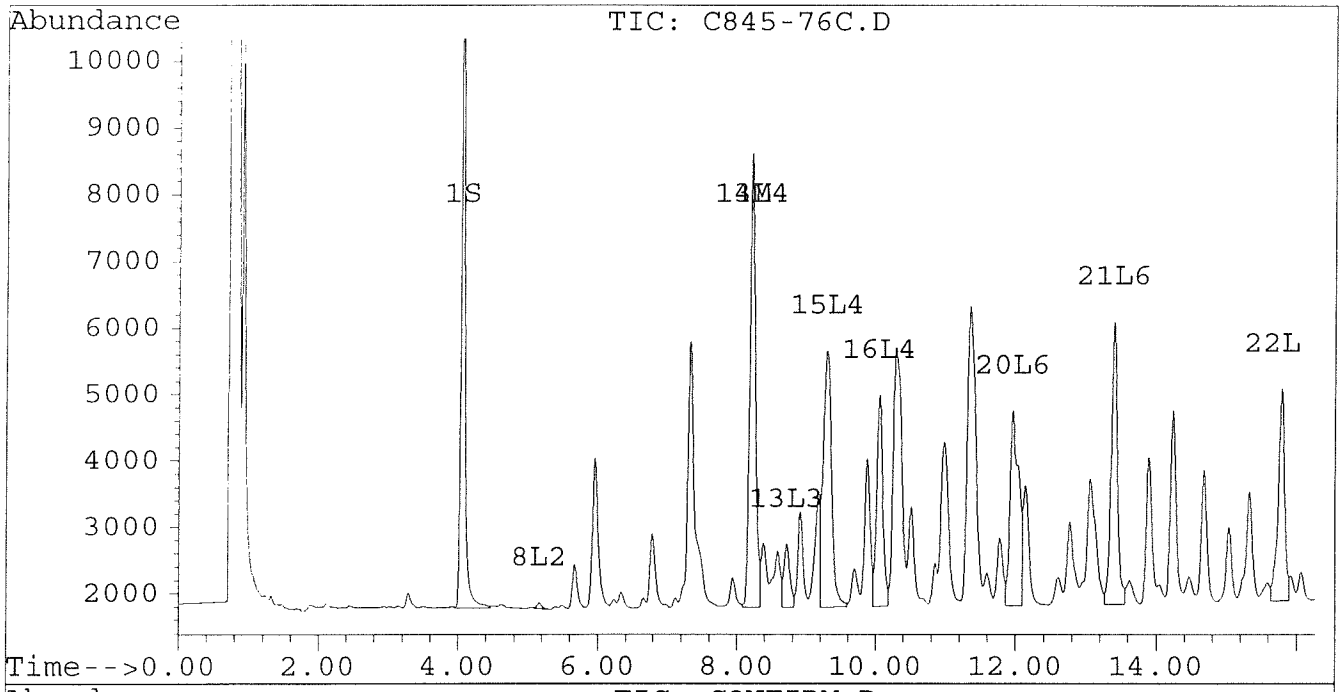
Quantitation Report

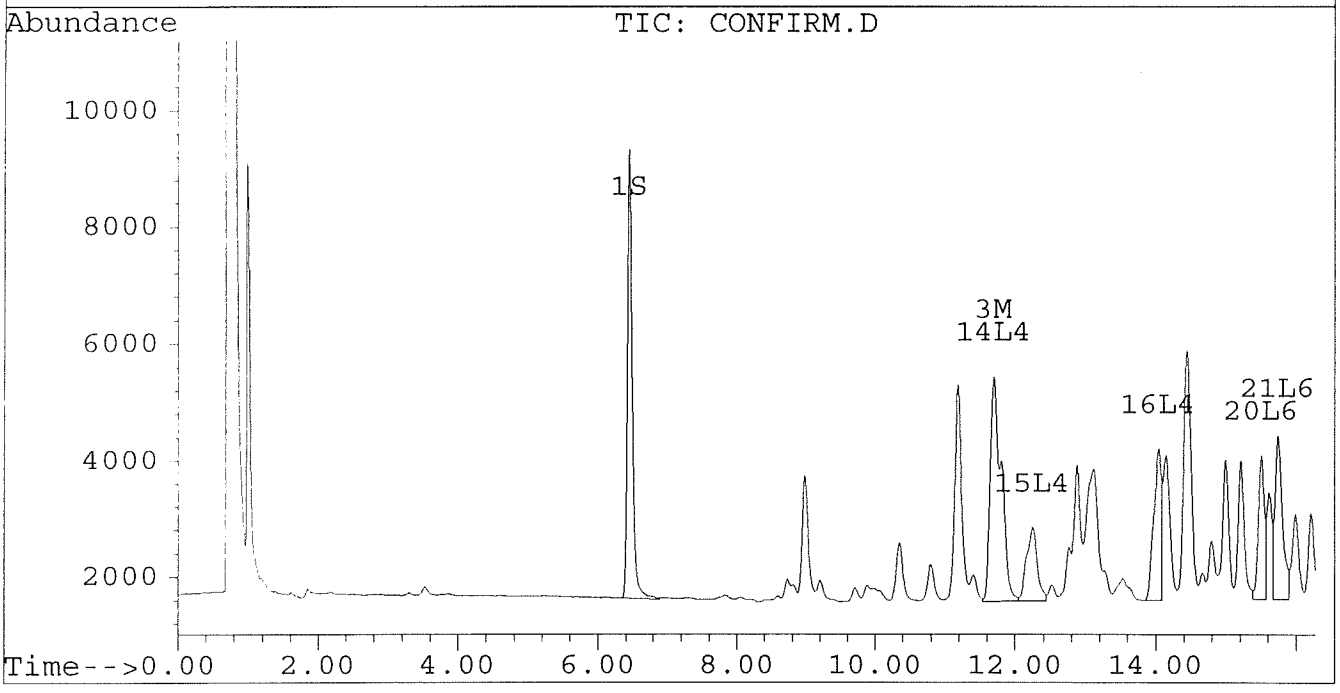
Signal #1 : D:\HPCHEM\5\SE3\C845-76C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-76C.D\CONFIRM.D
Acq On : 04 Sep 96 03:38 AM
Sample : VHB / DW4
Misc : 30.1G/10ML 96% SOLID
Quant Time: Sep 4 4:12 1996

Vial: 21
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





0543

Quantitation Report

Signal #1 : D:\HPCHEM\5\SE3\C845-76C.D
Signal #2 : D:\HPCHEM\5\SE3\C845-76C.D\CONFIRM.D
Acq On : 04 Sep 96 03:38 AM
Sample : VHB / DW4
Misc : 30.1G/10ML 96% SOLID
Quant Time: Sep 4 4:12 1996

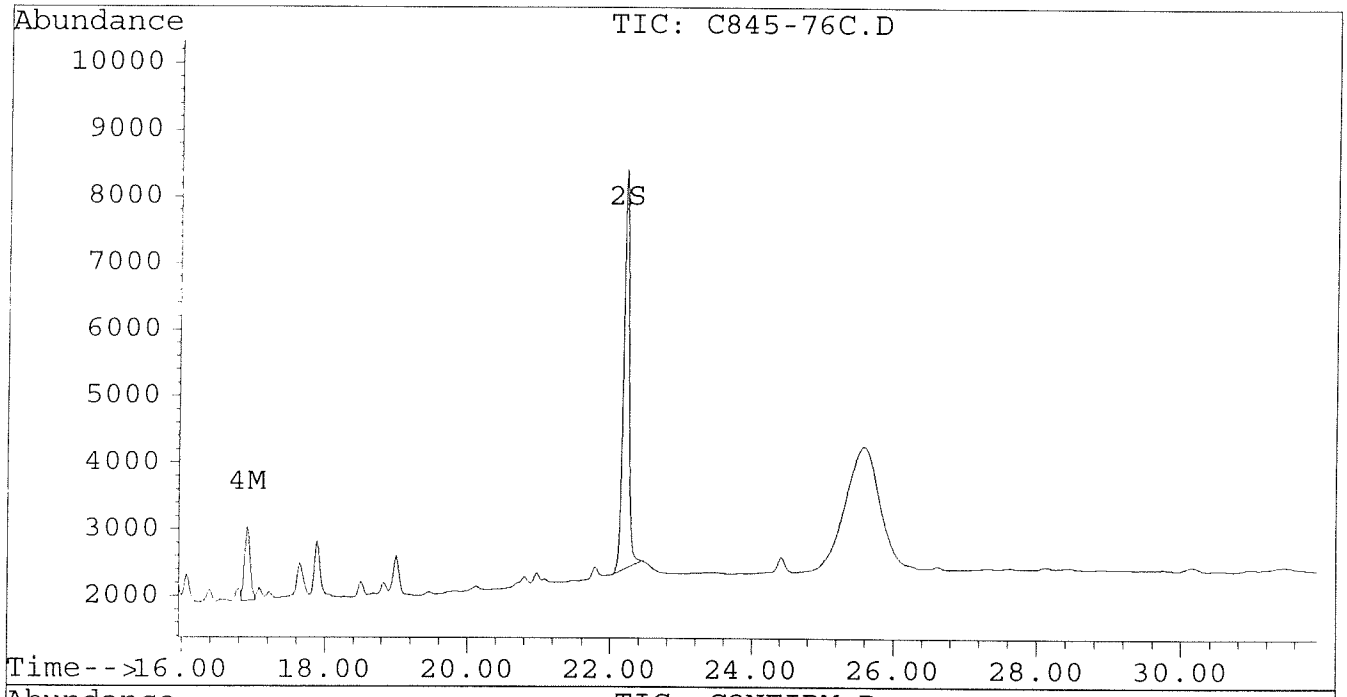
Vial: 21

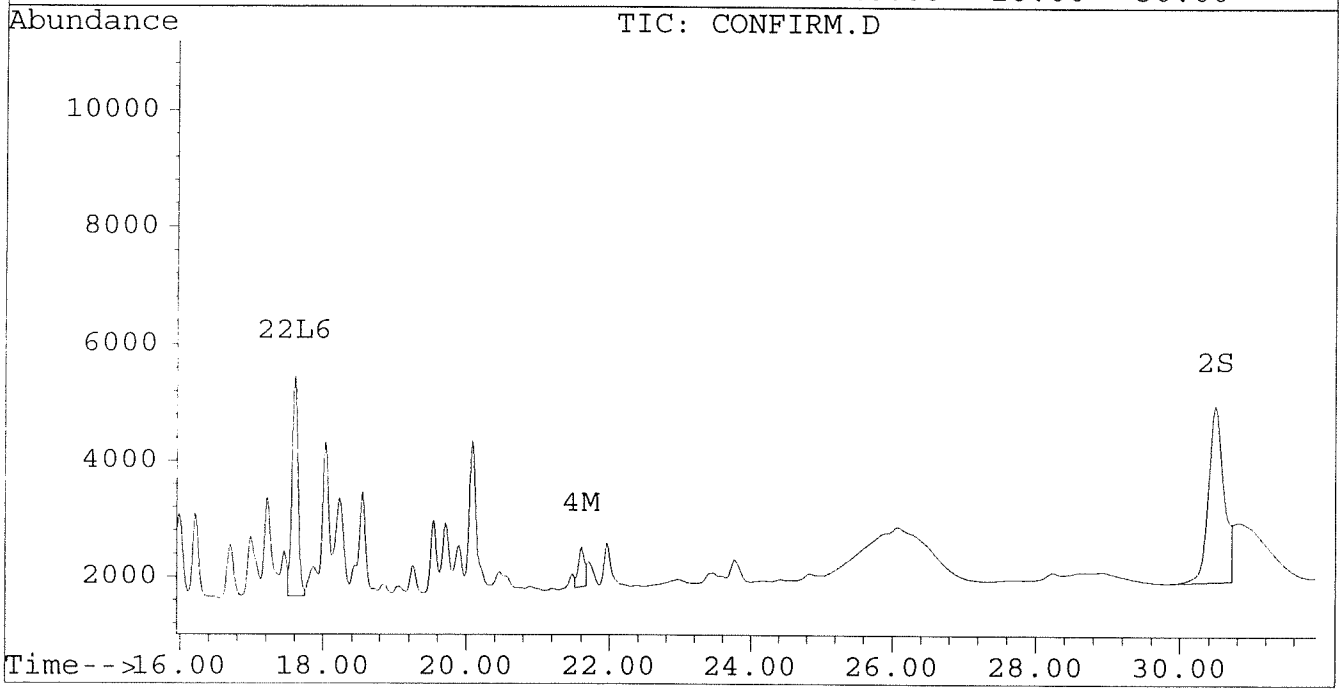
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Tue Sep 03 15:28:59 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM

Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77A.D Vial: 16
Signal #2 : D:\HPCHEM\5\AU29\C845-77A.D\CONFIRM.D
Acq On : 02 Sep 96 08:27 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 9:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xylen	4.11	6.53	847	752	0.004	0.004	
				Recovery	=	10.00%	10.00%	
2)	S Decachlorobiphenyl	22.29	30.72	750	187	0.004	0.002	#
				Recovery	=	10.00%	5.00%	
	Target Compounds							
3)	M 2,4,4'-Trichlorobip	8.27	11.78	57647	42489	0.526	0.444	
4)	M 2,2',3,3',4,4'-Hexa	16.99	21.70	9278	5961	0.050	0.038	
5)	L1 Aroclor-1016	6.85	8.90	13645	3004	0.426	0.223	#
6)	L1 Aroclor-1016 {2}	8.98	10.43	17418	12452	0.993	0.446	#
7)	L1 Aroclor-1016 {3}	9.37	12.36	31203	8009	1.203	0.464	#
	Total Aroclor-1016			62265	23465	2.623	1.133	
	Average Aroclor-1016					0.874	0.378	
8)	L2 Aroclor-1221	5.13	8.11	349	2083	0.050	0.341	#
9)	L2 Aroclor-1221 {2}	5.55	8.67	860	2001	0.147	0.410	#
10)	L2 Aroclor-1221 {3}	5.72	8.90	5518	3004	0.273	0.196	#
	Total Aroclor-1221			6727	7088	0.470	0.947	
	Average Aroclor-1221					0.157	0.316	
11)	L3 Aroclor-1232	5.72	8.90	5518	3004	0.303	0.210	#
12)	L3 Aroclor-1232 {2}	6.85	10.43	13645	12452	1.000	1.036	
13)	L3 Aroclor-1232 {3}	8.66	12.36	9291	8009	1.122	1.155	
	Total Aroclor-1232			28454	23465	2.425	2.401	
	Average Aroclor-1232					0.808	0.800	
14)	L4 Aroclor-1242	8.27	11.78	57647	42489	1.392	1.426	
15)	L4 Aroclor-1242 {2}	9.37	12.36	31203	8009	1.604	0.606	#
16)	L4 Aroclor-1242 {3}	10.13	14.13	28758	22663	1.702	1.703	
	Total Aroclor-1242			117608	73161	4.698	3.735	
	Average Aroclor-1242					1.566	1.245	
17)	L5 Aroclor-1248	9.37	15.08	31203	20532	0.980	0.911	
18)	L5 Aroclor-1248 {2}	10.13	15.30	28758	21528	1.050	0.922	
19)	L5 Aroclor-1248 {3}	11.43	16.31	36410	14303	1.046	0.801	
	Total Aroclor-1248			96371	56363	3.077	2.635	
	Average Aroclor-1248					1.026	0.878	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0645

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77A.D Vial: 16
Signal #2 : D:\HPCHEM\5\AU29\C845-77A.D\CONFIRM.D
Acq On : 02 Sep 96 08:27 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 9:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6 Aroclor-1254	12.04	15.59	22512	19733	0.721	0.730
21) L6 Aroclor-1254 {2}	13.48	15.83	35233	21683	0.816	0.745
22) L6 Aroclor-1254 {3}	15.87	17.69	27150	32228	0.845	0.809
Total Aroclor-1254			84894	73644	2.382	2.285
Average Aroclor-1254					0.794	0.762
23) L7 Aroclor-1260	13.97	18.32	16993	11521	0.490	0.360 #
24) L7 Aroclor-1260 {2}	14.76	18.64	15187	13681	0.374	0.380
25) L7 Aroclor-1260 {3}	17.97	22.06	6690	4799	0.116	0.090
Total Aroclor-1260			38871	30001	0.979	0.830
Average Aroclor-1260					0.326	0.277
26) L8 Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8 Aroclor-1268 {2}	0.00	0.00	0	0	N.D.	N.D.
28) L8 Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

AR1242

$\frac{2.996 \times 10}{0.0304 \times .88 \times .666} \times 10 = 16,815$

17000

AR1254

$\frac{1.537 \times 10}{0.0304 \times .88 \times .666} \times 10 = 8,626$

8600

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0646

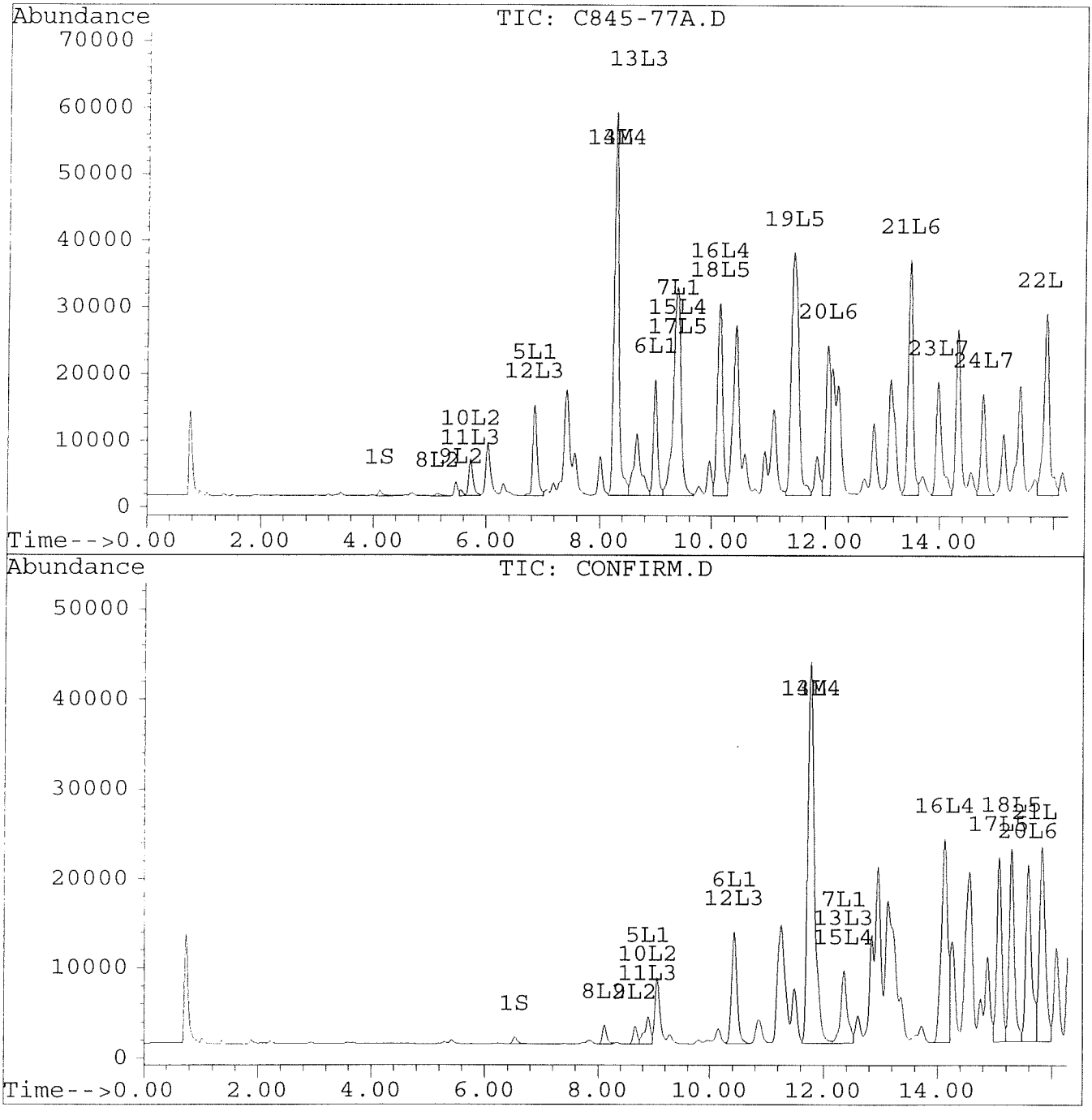
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77A.D
Signal #2 : D:\HPCHEM\5\AU29\C845-77A.D\CONFIRM.D
Acq On : 02 Sep 96 08:27 AM
Sample : VHB/ 1:10 DILUTION
Misc :
Quant Time: Sep 2 9:01 1996

Vial: 16
Operator: JS
Inst : ECD1
Multiplr: 1.00

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5
Signal #1 Info : 0.53 MM
Signal #2 Phase: DB-608
Signal #2 Info : 0.53 MM

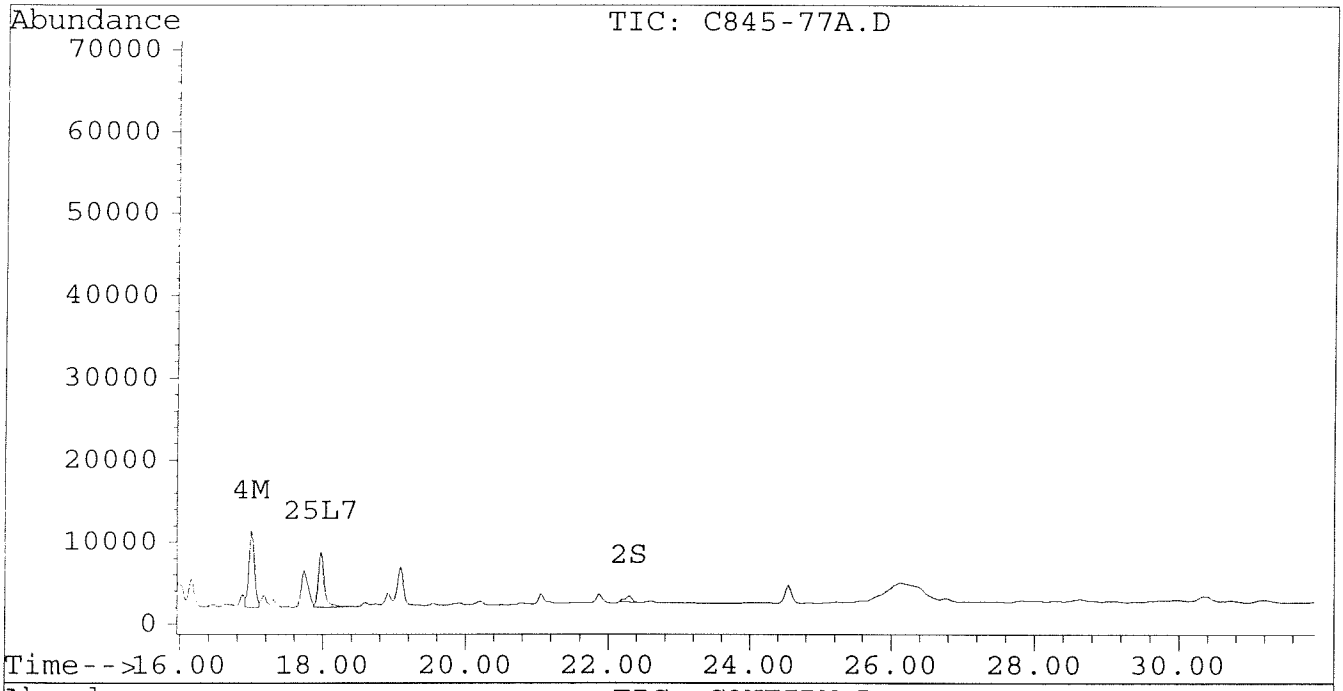


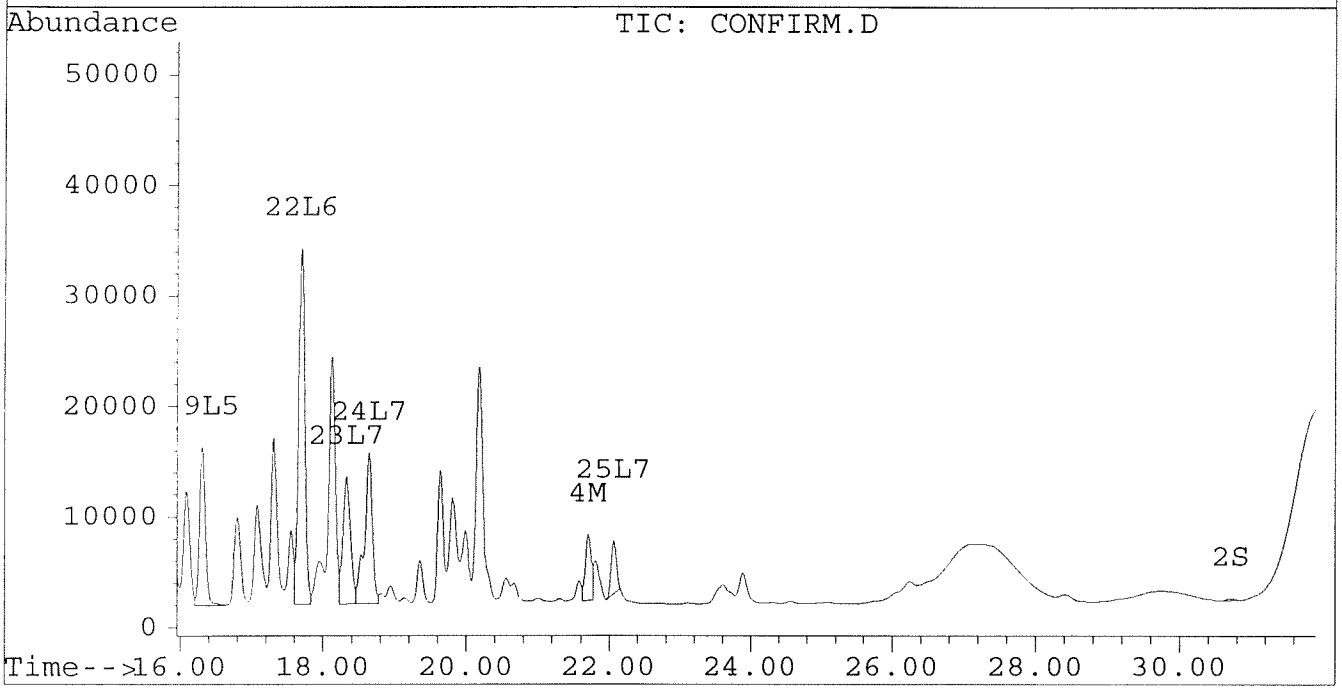
Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\C845-77A.D Vial: 16
Signal #2 : D:\HPCHEM\5\AU29\C845-77A.D\CONFIRM.D
Acq On : 02 Sep 96 08:27 AM Operator: JS
Sample : VHB/ 1:10 DILUTION Inst : ECD1
Misc : Multiplr: 1.00
Quant Time: Sep 2 9:01 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM





Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828B1.D Vial: 53
Signal #2 : D:\HPCHEM\5\AU29\P0828B1.D\CONFIRM.D
Acq On : 30 Aug 96 10:48 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 23:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
	System Monitoring Compounds						
1) S	Tetrachloro-m-xylen	4.11	6.53	8914	7475	0.037	0.039
				Recovery	=	92.50%	97.50%
2) S	Decachlorobiphenyl	22.30	30.72	5876	2542	0.028	0.029
				Recovery	=	70.00%	72.50%
	Target Compounds						
3) M	2,4,4'-Trichlorobip	8.29	11.79	23	14	0.000	0.000 #
4) M	2,2',3,3',4,4'-Hexa	17.00	0.00	656	0	0.004	N.D. #
5) L1	Aroclor-1016	0.00	8.94	0	16	N.D.	0.001 #
6) L1	Aroclor-1016 {2}	0.00	0.00	0	0	N.D.	N.D.
7) L1	Aroclor-1016 {3}	9.39	0.00	18	0	0.001	N.D. #
Total	Aroclor-1016			18	16	0.001	0.001
Average	Aroclor-1016					0.001	0.001
8) L2	Aroclor-1221	5.10	0.00	51	0	0.007	N.D. #
9) L2	Aroclor-1221 {2}	0.00	0.00	0	0	N.D.	N.D.
10) L2	Aroclor-1221 {3}	0.00	8.94f	0	16	N.D.	0.001 #
Total	Aroclor-1221			51	16	0.007	0.001
Average	Aroclor-1221					0.007	0.001
11) L3	Aroclor-1232	0.00	8.94f	0	16	N.D.	0.001 #
12) L3	Aroclor-1232 {2}	0.00	0.00	0	0	N.D.	N.D.
13) L3	Aroclor-1232 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1232			0	16	N.D.	0.001
Average	Aroclor-1232					0.000	0.001
14) L4	Aroclor-1242	8.29	11.79	23	14	0.001	0.000
15) L4	Aroclor-1242 {2}	9.39	0.00	18	0	0.001	N.D. #
16) L4	Aroclor-1242 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1242			41	14	0.002	0.000
Average	Aroclor-1242					0.001	0.000
17) L5	Aroclor-1248	9.39	0.00	18	0	0.001	N.D. #
18) L5	Aroclor-1248 {2}	0.00	15.33	0	20	N.D.	0.001 #
19) L5	Aroclor-1248 {3}	11.44	0.00	22	0	0.001	N.D. #
Total	Aroclor-1248			41	20	0.001	0.001
Average	Aroclor-1248					0.001	0.001

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0649

Quantitation Report

Signal #1 : D:\HPCHEM\5\AU29\P0828B1.D Vial: 53
Signal #2 : D:\HPCHEM\5\AU29\P0828B1.D\CONFIRM.D
Acq On : 30 Aug 96 10:48 PM Operator: JS
Sample : SOIL METHOD BLANK Inst : ECD1
Misc : 30.0G/10ML PCB ANALYSIS Multiplr: 1.00
Quant Time: Aug 30 23:22 1996

Method : C:\HPCHEM\5\METHODS\PCB1G.M
Title : PCB 5 LEVEL
Last Update : Wed Aug 21 12:50:44 1996
Response via : Multiple Level Calibration

Volume Inj. : 2.0 UL
Signal #1 Phase : DB-5 Signal #2 Phase: DB-608
Signal #1 Info : 0.53 MM Signal #2 Info : 0.53 MM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/mL	ug/mL
20) L6	Aroclor-1254	0.00	0.00	0	0	N.D.	N.D.
21) L6	Aroclor-1254 {2}	13.49	0.00	22	0	0.001	N.D. #
22) L6	Aroclor-1254 {3}	15.88	17.70	26	22	0.001	0.001 #
Total	Aroclor-1254			48	22	0.001	0.001
Average	Aroclor-1254					0.001	0.001
23) L7	Aroclor-1260	0.00	0.00	0	0	N.D.	N.D.
24) L7	Aroclor-1260 {2}	14.77	0.00	19	0	0.000	N.D. #
25) L7	Aroclor-1260 {3}	17.99	0.00	10	0	0.000	N.D. #
Total	Aroclor-1260			29	0	0.001	N.D.
Average	Aroclor-1260					0.000	0.000
26) L8	Aroclor-1268	0.00	0.00	0	0	N.D.	N.D.
27) L8	Aroclor-1268 {2}	0.00	23.49	0	68	N.D.	NoCal
28) L8	Aroclor-1268 {3}	0.00	0.00	0	0	N.D.	N.D.
Total	Aroclor-1268			0	0	N.D.	N.D.
Average	Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

0650