



Client: VHB, Inc.

Client Project: 05437, Boliden Metech

Lab Project: E0064

Date samples received: 1/19/98

Project Narrative

This data report includes the analysis results for eleven (11) aqueous and two (2) ampule samples that were received from VHB, Inc. on January 19, 1998. Analyses were performed per specification in the Chain of Custody form. For reference, a copy of the Mitkem Sample Log-In form is included for cross-referencing the client sample ID and laboratory sample ID.

Please note that for the analysis of MW-4, probably due to weathering, the peak pattern could not be matched perfectly for either Aroclor 1254 or 1260. It was however reported as Aroclor 1260 due to better correlation of the later eluting peaks.

All of the analyses were performed according to method specifications. No unusual occurrences were noted during sample analysis.

This data report has been reviewed and is authorized for release as evidenced by the signature below.

A handwritten signature in black ink, appearing to read "Kin Chiu", with a horizontal line underneath.

Kin Chiu
Technical Director



001

Sample Results



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-1
Lab ID: E0064-01
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 98%
Decachlorobiphenyl 50%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-2
Lab ID: E0064-02
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 92%
Decachlorobiphenyl 45%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-3
Lab ID: E0064-03
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 93%
Decachlorobiphenyl 58%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-4
Lab ID: E0064-04
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 | 2.5 | 1 |

QC Batch: P0120-B2

Surrogate Recovery:

| | |
|------------------------------|-----|
| 2,4,5,6-Tetrachloro-m-xylene | 90% |
| Decachlorobiphenyl | 46% |

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-5
Lab ID: E0064-05
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:

| | |
|------------------------------|-----|
| 2,4,5,6-Tetrachloro-m-xylene | 85% |
| Decachlorobiphenyl | 46% |

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-6
Lab ID: E0064-06
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 84%
Decachlorobiphenyl 45%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-7
Lab ID: E0064-07
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 100%
Decachlorobiphenyl 61%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-8
Lab ID: E0064-08
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 84%
Decachlorobiphenyl 57%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: WB-1
Lab ID: E0064-09
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 79%
Decachlorobiphenyl 83%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: PERB-1
Lab ID: E0064-10
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 78%
Decachlorobiphenyl 76%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: MW-5(D)
Lab ID: E0064-11
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 88%
Decachlorobiphenyl 47%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: PS-65005
Lab ID: E0064-12
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| Aroclor-1016 | ND | 1 |
| Aroclor-1221 | ND | 2 |
| Aroclor-1232 | ND | 1 |
| Aroclor-1242 | ND | 1 |
| Aroclor-1248 | ND | 1 |
| Aroclor-1254 | 2.1 | 1 |
| Aroclor-1260 | ND | 1 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 81%
Decachlorobiphenyl 85%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID: PS-63006
Lab ID: E0064-13
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| Aroclor-1016 | ND | 1 |
| Aroclor-1221 | ND | 2 |
| Aroclor-1232 | ND | 1 |
| Aroclor-1242 | 2.4 | 1 |
| Aroclor-1248 | ND | 1 |
| Aroclor-1254 | ND | 1 |
| Aroclor-1260 | ND | 1 |

QC Batch: P0120-B2

Surrogate Recovery:

| | |
|------------------------------|-----|
| 2,4,5,6-Tetrachloro-m-xylene | 93% |
| Decachlorobiphenyl | 92% |

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Client: VHB, Inc.
Client ID:
Lab ID: Method Blank, P0120-B2
Analysis: Method 8080

Analysis Date: 1/21/98
Matrix: Aqueous
Concentration in: ug/L
Dilution: 1

| <u>Analyte</u> | <u>Results</u> | <u>Reporting Limits</u> |
|----------------|----------------|-------------------------|
| 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 |

QC Batch: P0120-B2

Surrogate Recovery:
2,4,5,6-Tetrachloro-m-xylene 104%
Decachlorobiphenyl 129%

ND = Not Detected



Analysis Report: Polychlorinated Biphenyls (PCBs)

Lab Control Summary

Client: VHB, Inc.
Lab ID for Blank Spike: P0120-L2
Analysis: Method 8080

Matrix: Aqueous
Analysis Date for Blank Spike: 1/21/98

| <u>Analyte</u> | <u>% Recovery</u> |
|--------------------------|-------------------|
| 2,4,4'-Trichlorobiphenyl | 102 |
| Hexachlorobiphenyl | 108 |

QC Batch: P0120-B2

Sample Chromatograms

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4355F.D

Date : 21-JAN-1998 12:58

Client ID: MH-1

Sample Info: E0064-01,MH-1,P0120-B2

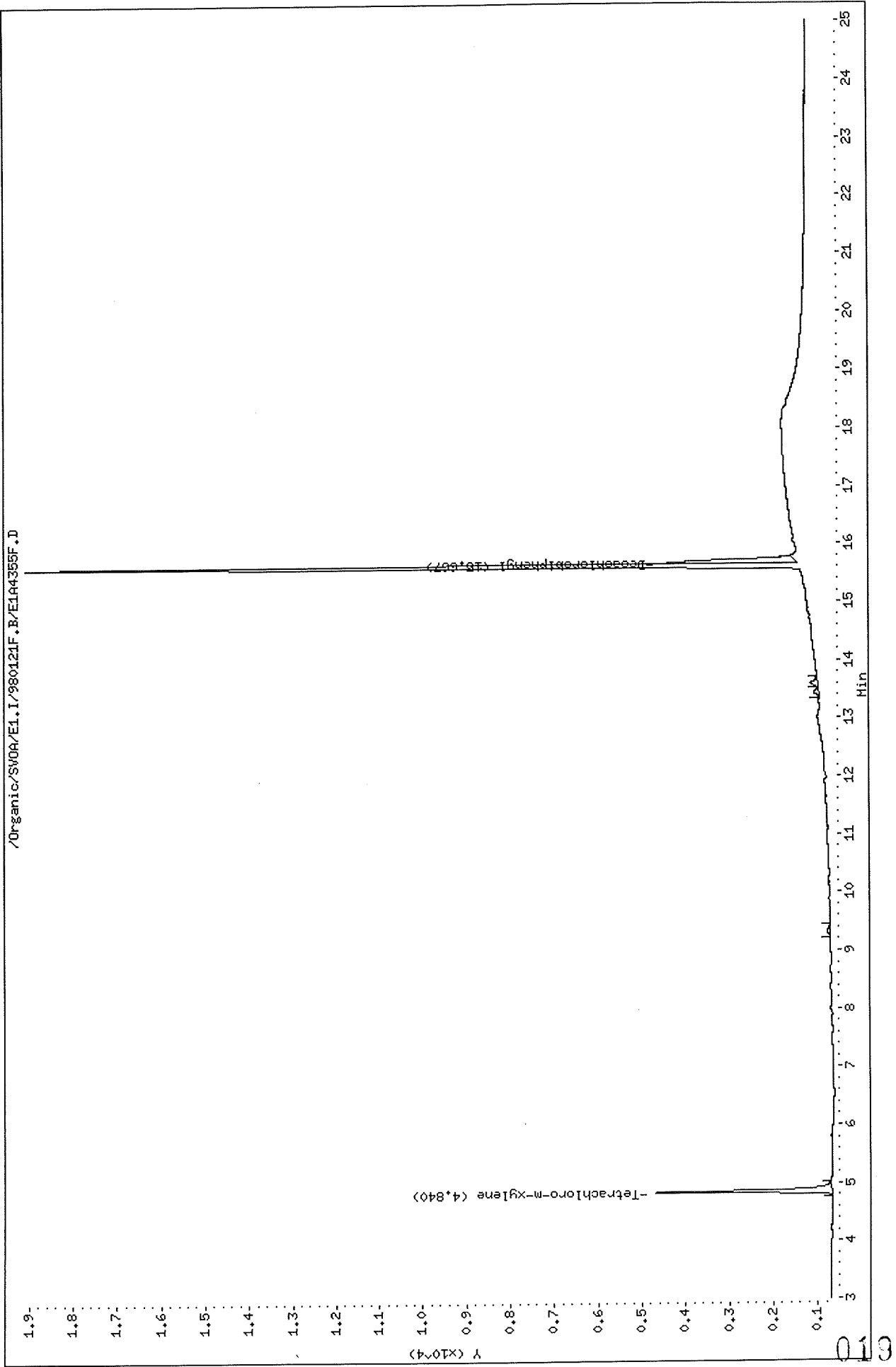
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E4.i

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980121R.B/E1A4355R.D

Date : 21-JAN-1998 12:58

Client ID: MW-1

Sample Info: E0064-01,MW-1,P0120-B2

Volume Injected (uL): 2.0

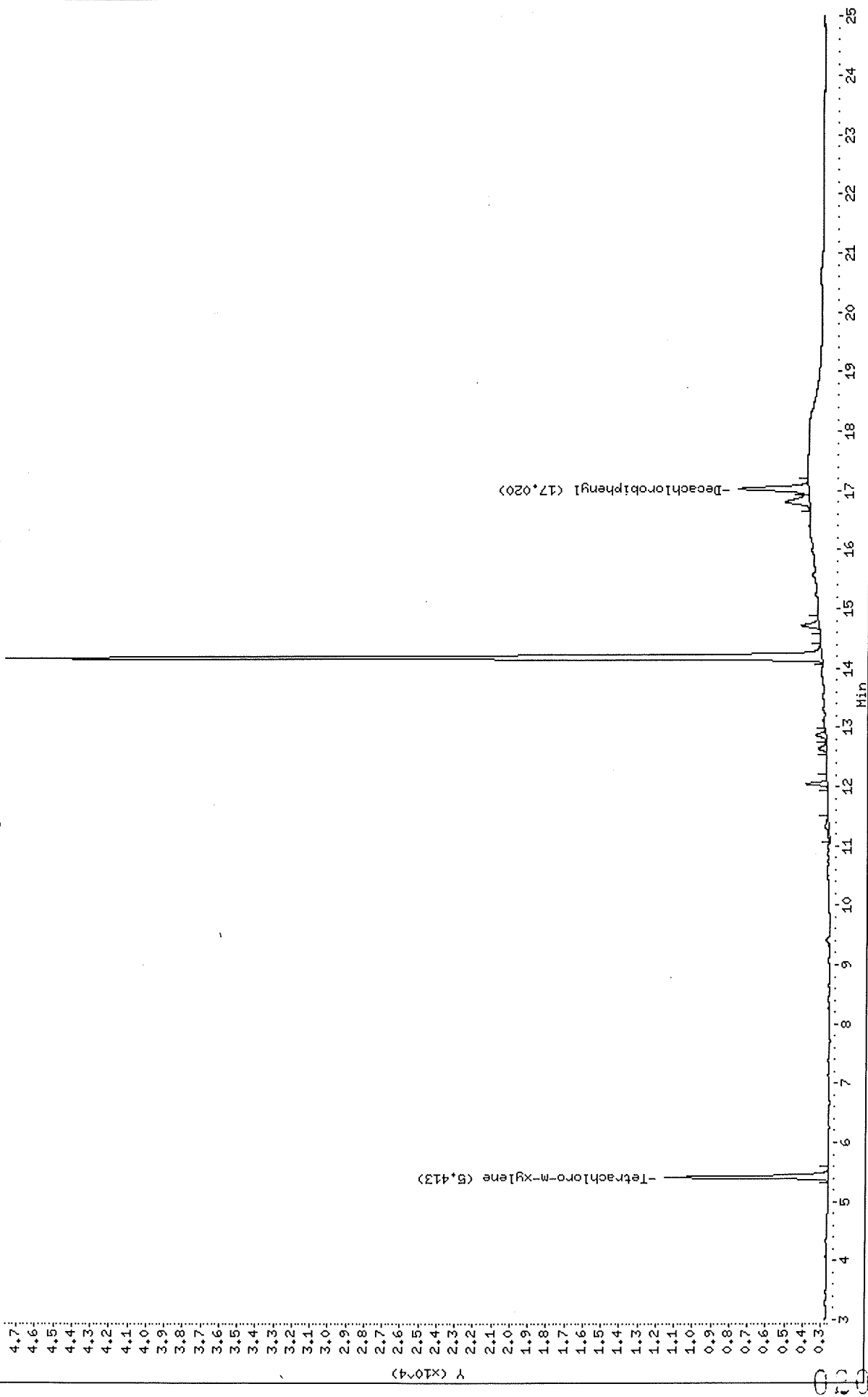
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV00A/E1.I/980121R.B/E1A4355R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4355F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4355R.D
 Inj Date : 21-JAN-1998 12:58
 Sample Info: E0064-01,MW-1,P0120-B2
 Misc Info : 0,,,1,,,,,,,20-JAN-98,19-JAN-98
 Cal Date : 21-JAN-1998 15:07
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|------------|
| Tetrachloro-m-xylene | 4.840 | 5.413 | 3997 | 8931 | 0.185 | 0.196 | | 100.00 |
| Decachlorobiphenyl | 15.667 | 17.020 | 3107 | 3777 | 0.139 | 0.100 | | 100.00 (M) |

QC Flag Legend

M - Compound response manually integrated.

ac
 1/22/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4356F.D

Date : 21-JAN-1998 13:26

Client ID: MH-2

Sample Info: E0064-02,MH-2,P0120-B2

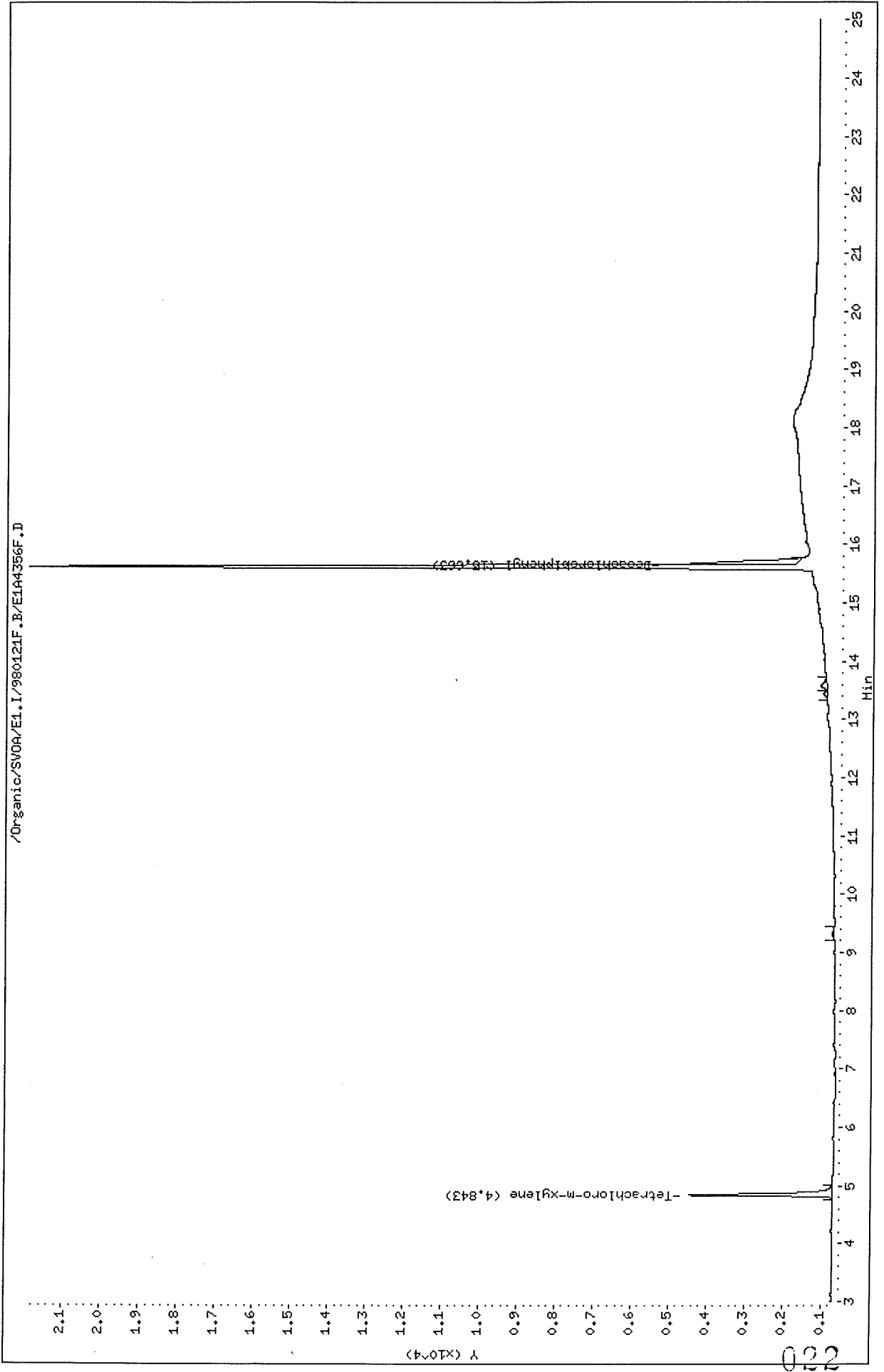
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53



/Organic/SV0A/E1.I/980121F.B/E1A4356F.D

Data File: /Organic/SV0A/E1.I/980121R.B/E1A4356R.D

Date : 21-JAN-1998 13:26

Client ID: MM-2

Sample Info: E0064-02,MM-2,P0120-B2

Volume Injected (ul): 2.0

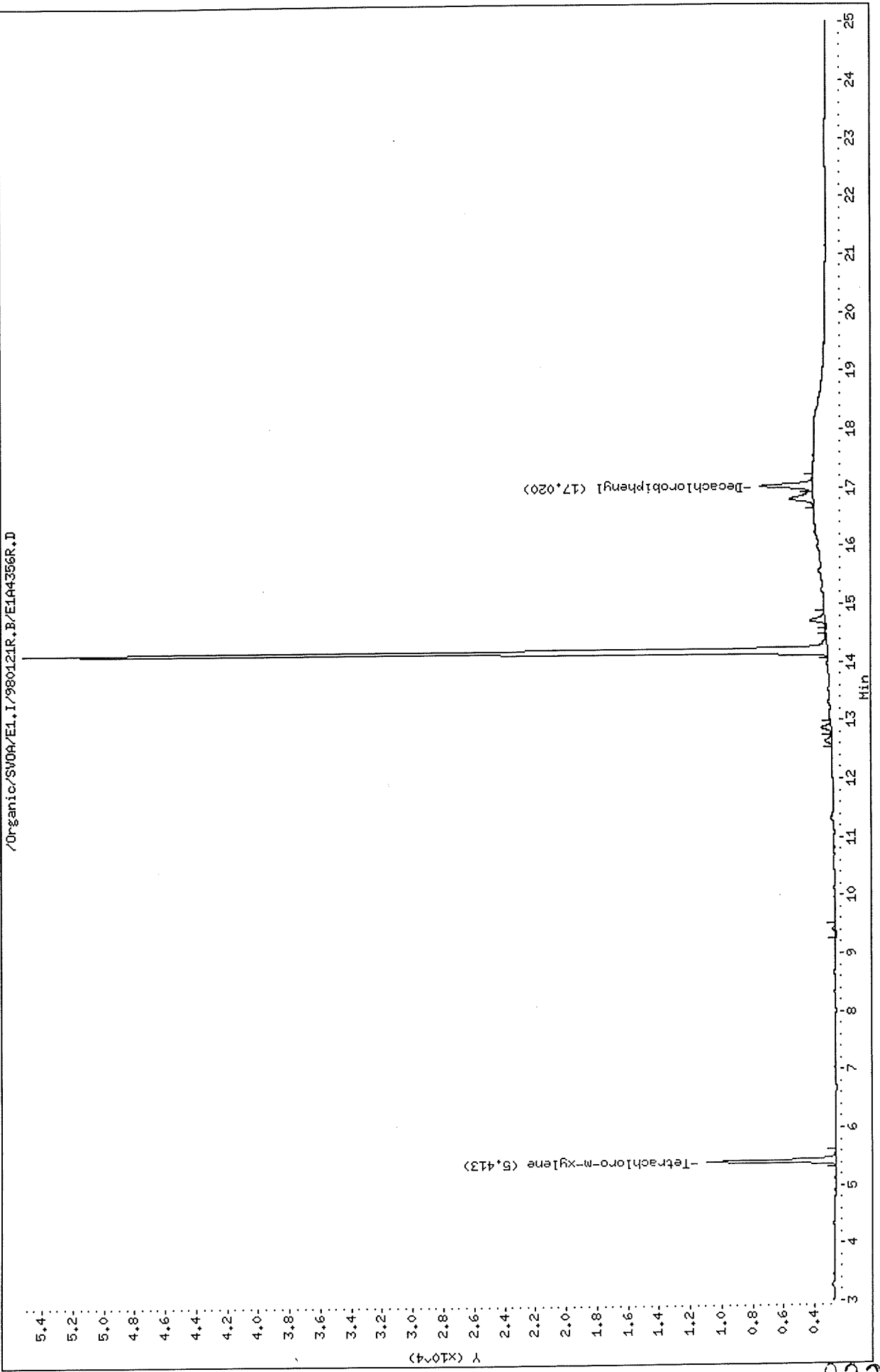
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV0A/E1.I/980121R.B/E1A4356R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4356F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4356R.D
 Inj Date : 21-JAN-1998 13:26
 Sample Info: E0064-02,MW-2,P0120-B2
 Misc Info : 0,,,1,,,,,,,20-JAN-98,19-JAN-98
 Cal Date : 21-JAN-1998 15:07
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|------------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 3763 | 8353 | 0.174 | 0.183 | | 100.00 |
| Decachlorobiphenyl | 15.663 | 17.020 | 3335 | 3389 | 0.149 | 0.0898 | | 100.00 (M) |

QC Flag Legend

M - Compound response manually integrated.

GL
1/22/98

Data File: /Organic/SV00A/EI.I/980121F.B/EIA4357F.D

Date : 21-JAN-1998 13:54

Client ID: MM-3

Sample Info: E0064-03,MM-3,P0120-B2

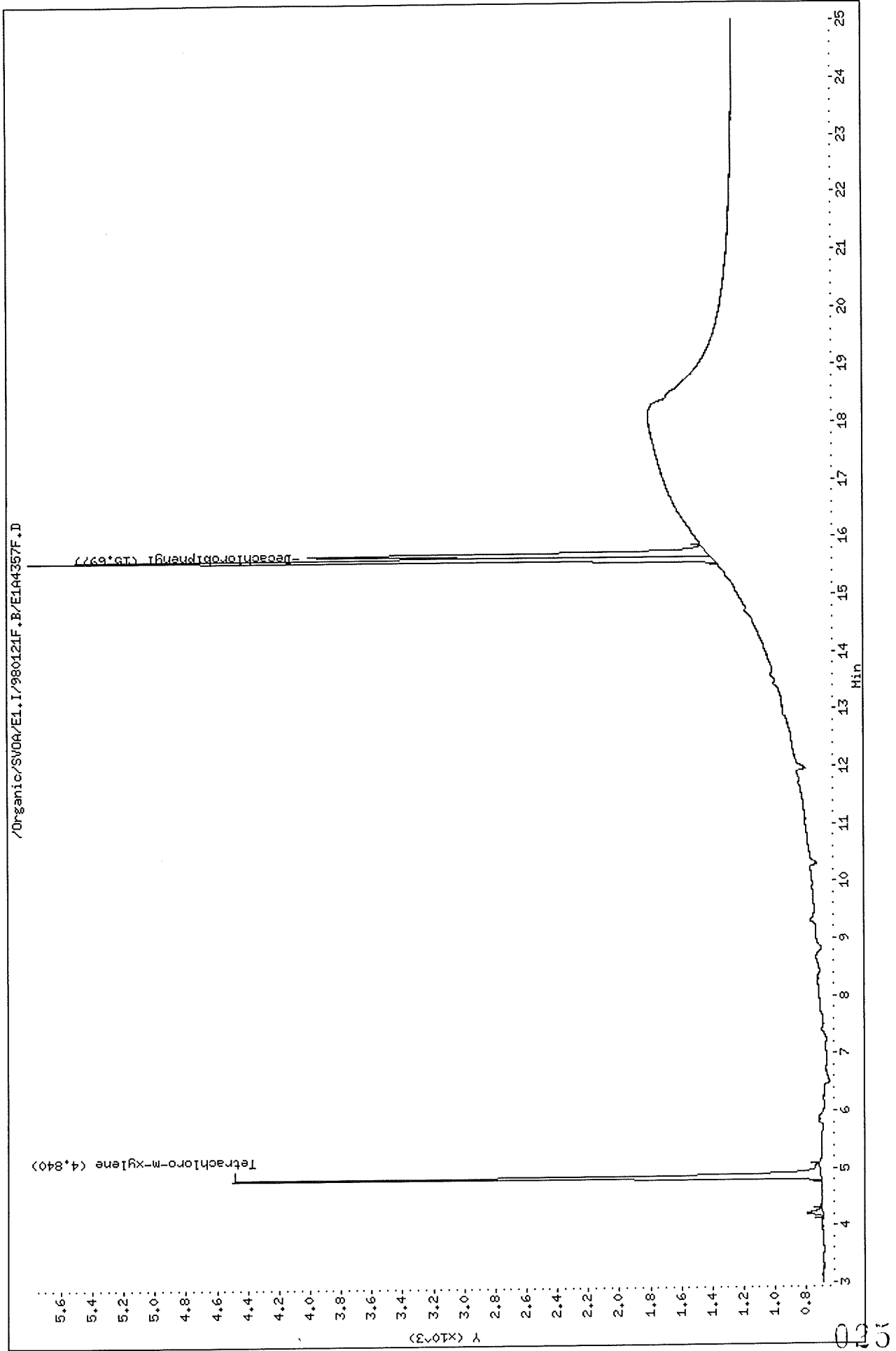
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: EI.1

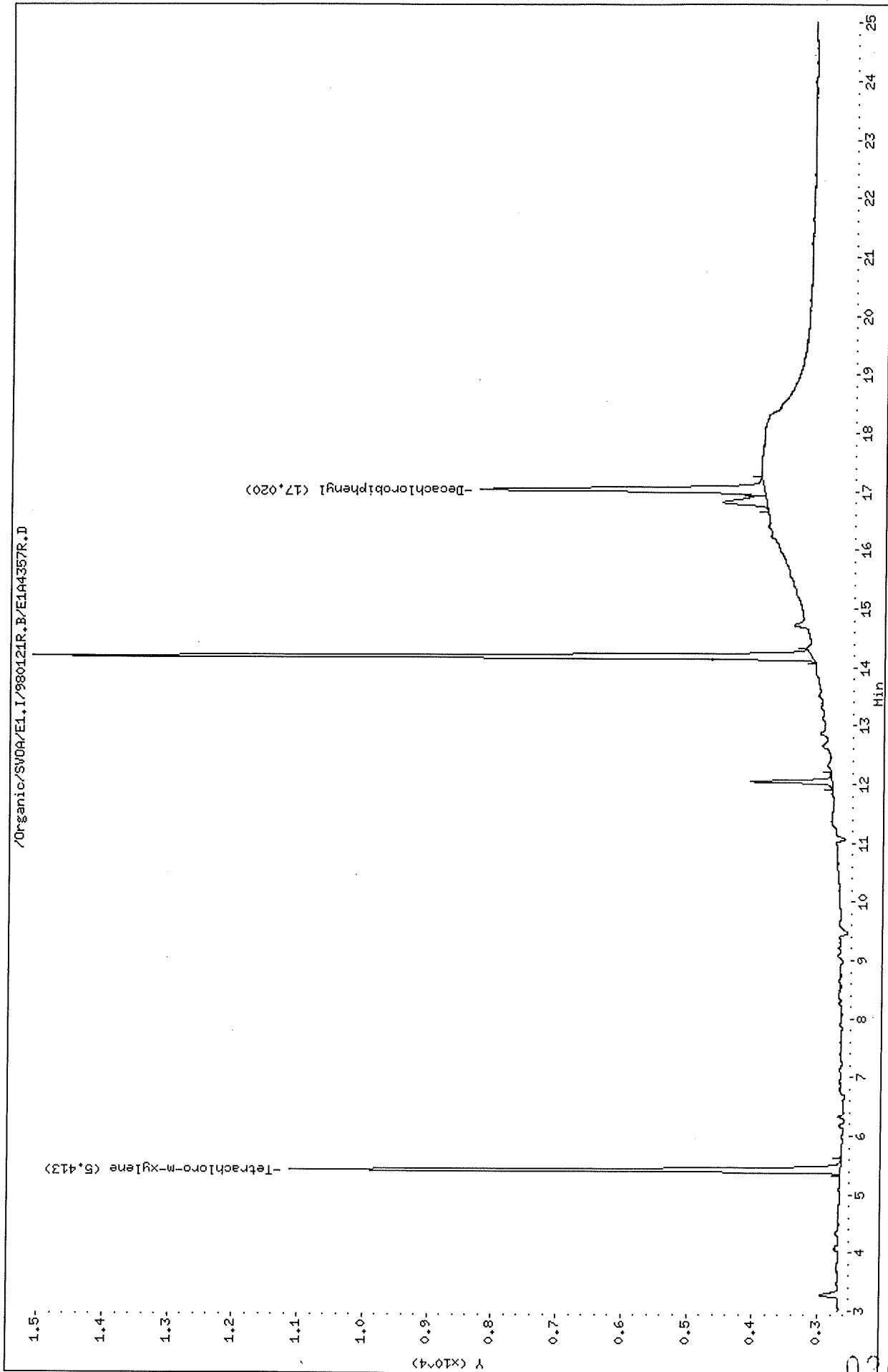
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4357R.D
Date: 21-JAN-1998 13:54
Client ID: MW-3
Sample Info: E0064-03,MW-3,P0120-B2
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



/Organic/SV0A/E1.I/980121R.B/E1A4357R.D

Data File: \Organic\SVOA\E1.I\980121F.B\E1A4357F.D
 Report Date: 22-Jan-1998 09:49

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4357F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4357R.D
 Inj Date : 21-JAN-1998 13:54
 Sample Info: E0064-03,MW-3,P0120-B2
 Misc Info : 0,,,1,,,,,,,20-JAN-98,19-JAN-98
 Cal Date : 21-JAN-1998 15:07
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.840 | 5.413 | 3804 | 8469 | 0.176 | 0.186 | | 100.00 |
| Decachlorobiphenyl | 15.697 | 17.020 | 2590 | 4350 | 0.116 | 0.115 | | 100.00 |

GL
1/22/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4358F.D

Date : 21-JAN-1998 14:22

Client ID: MH-4

Sample Info: E0064-04,MH-4,P0120-B2

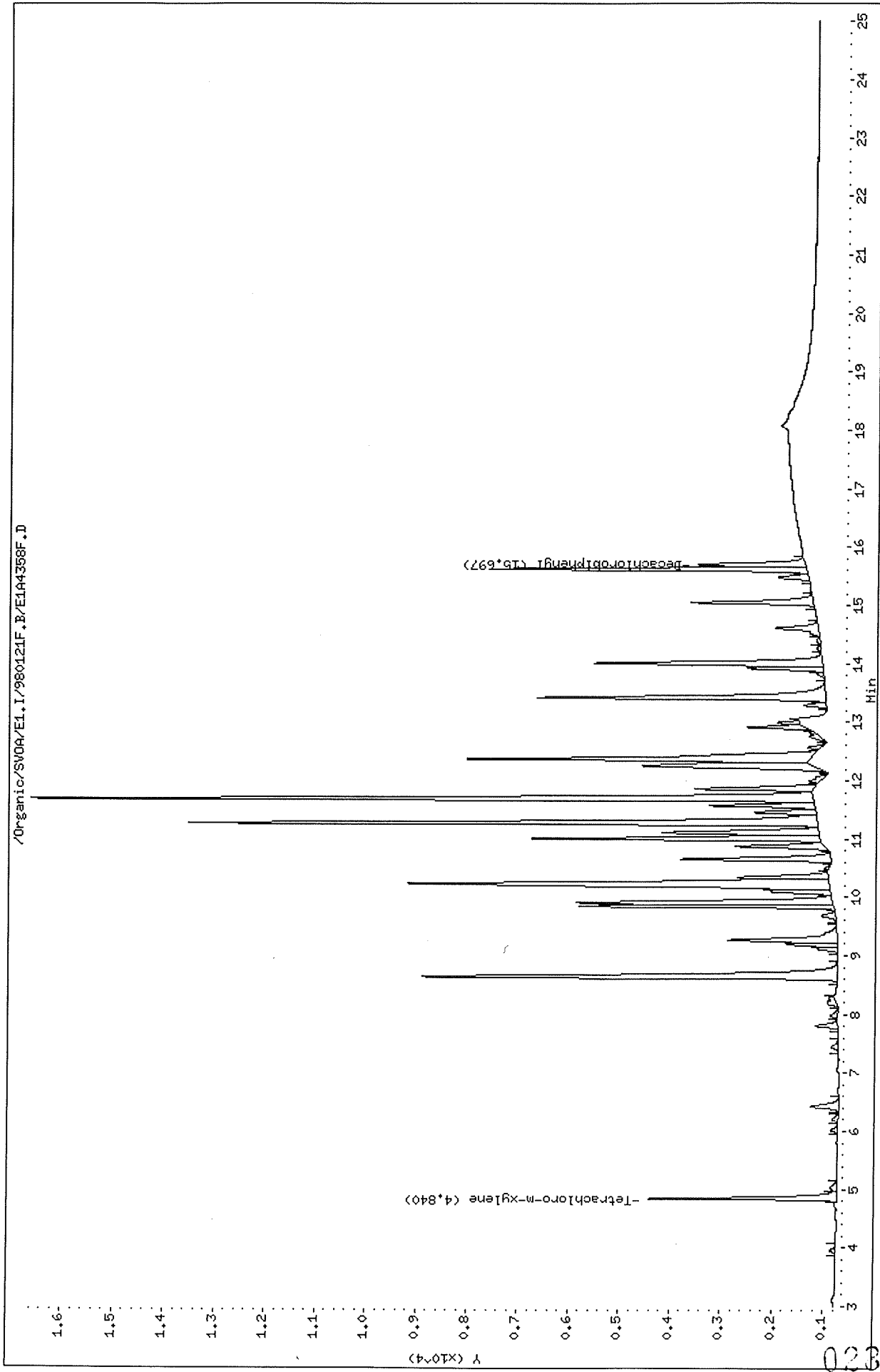
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4358R.D

Date: 21-JAN-1998 14:22

Client ID: MM-4

Sample Info: E0064-04,MM-4,P0120-B2

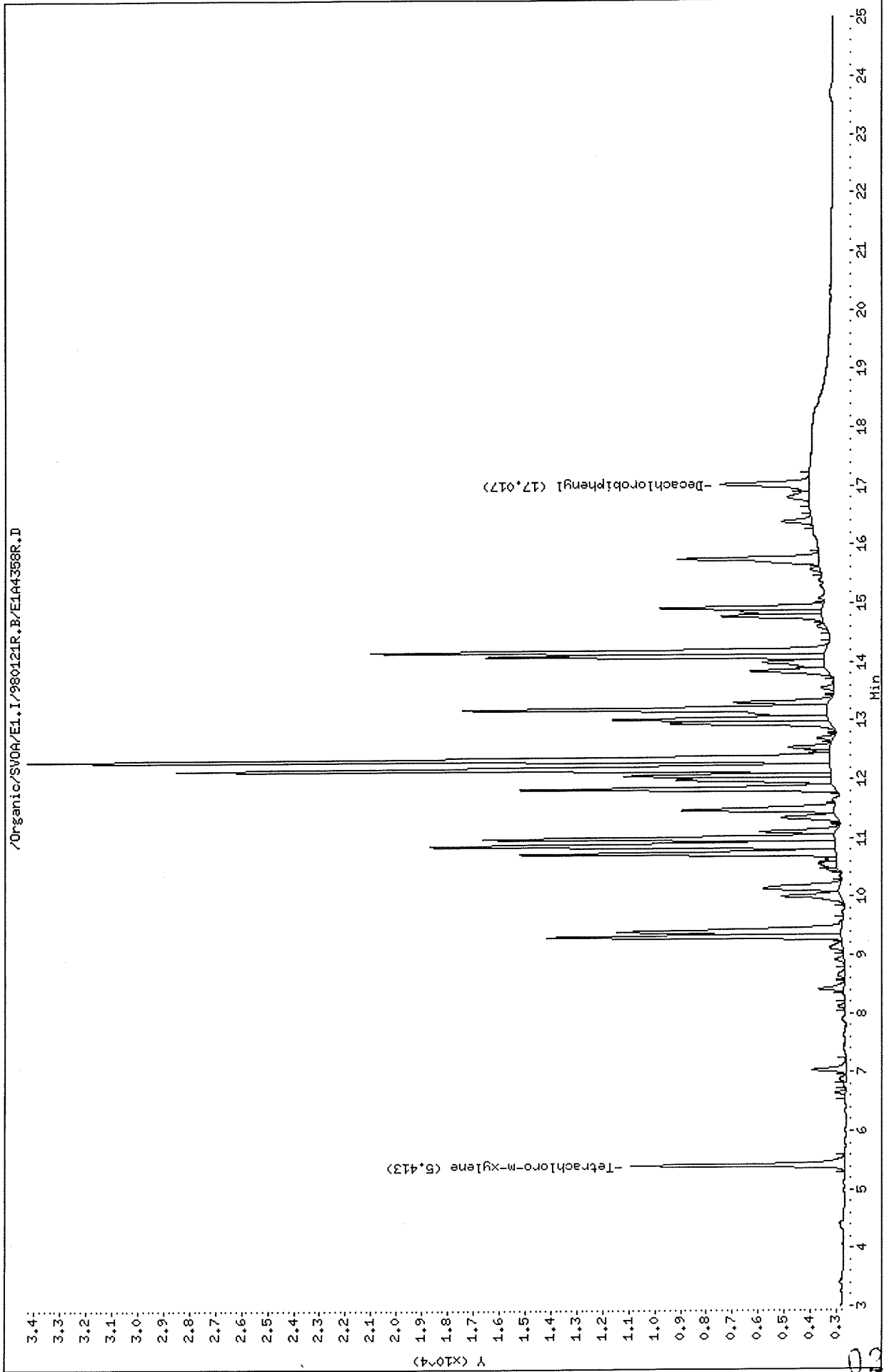
Volume Injected (ul): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

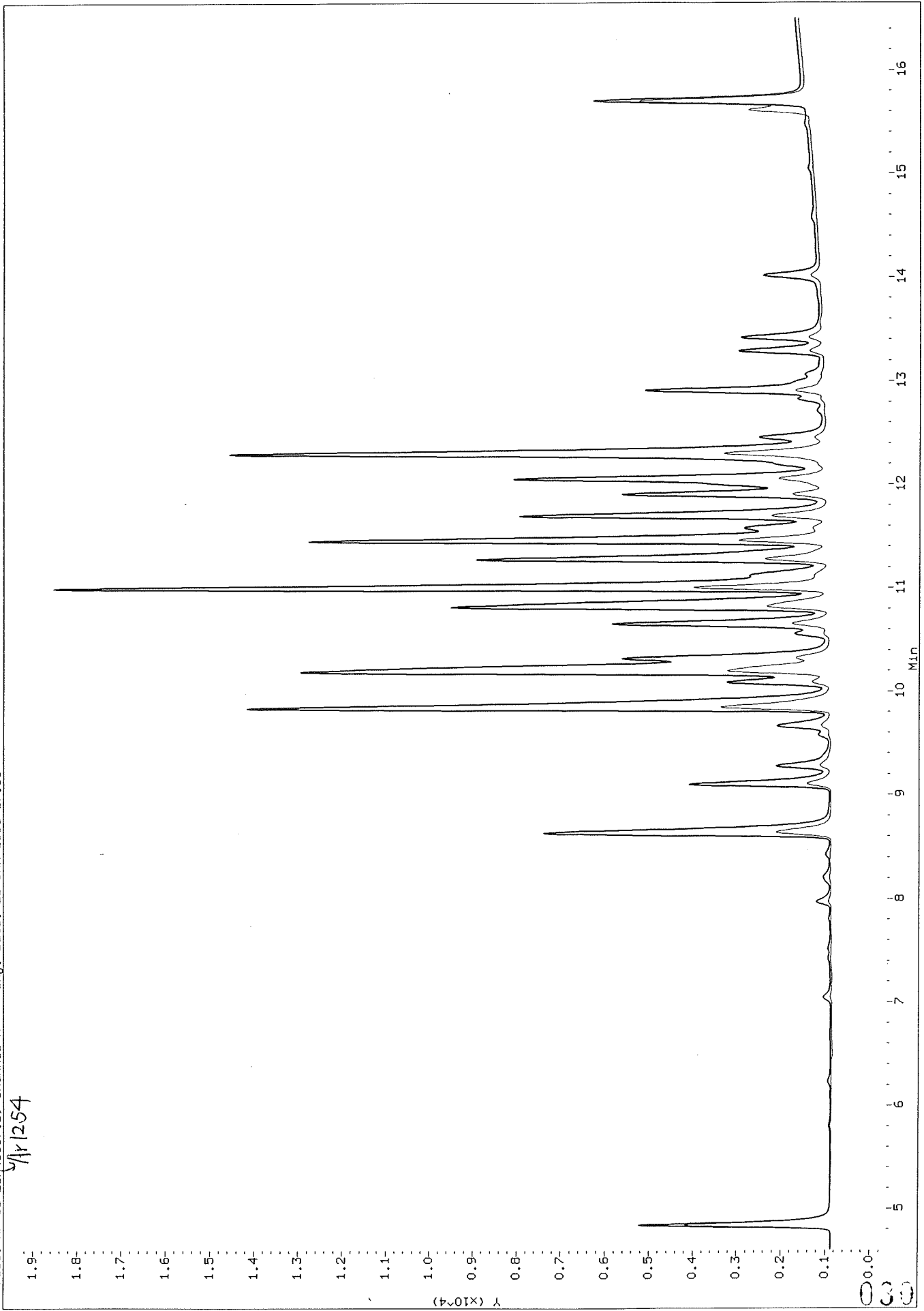
Column diameter: 0.53



E006A-12
1/1254

File: HP GC E1A4371F.D, Channel A Inj. Date: 21-JAN-1998 20:25

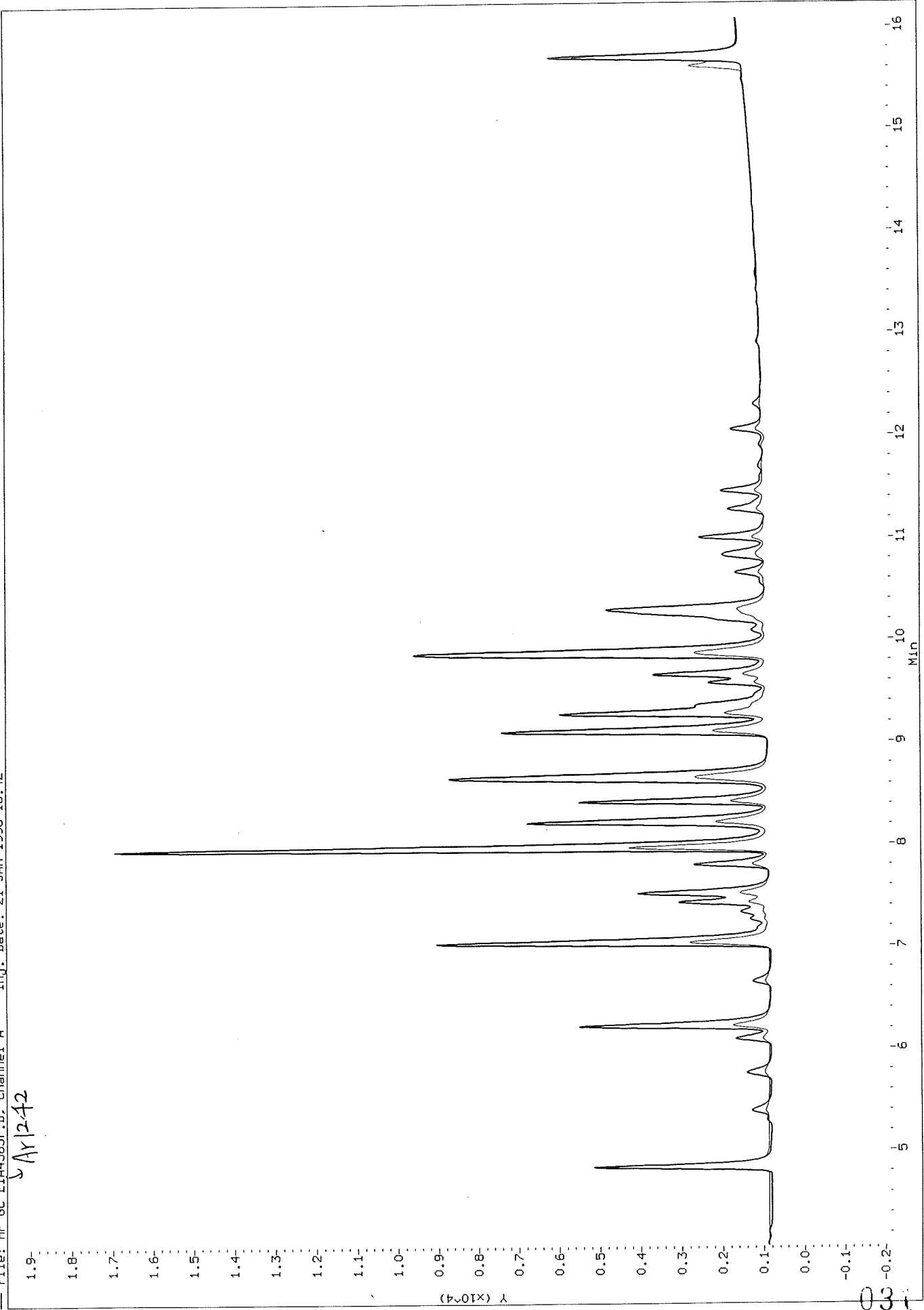
File: HP GC E1A4365F.D, Channel A Inj. Date: 21-JAN-1998 17:38



20064-13

File: HP GC E104372F.D, Channel A Inj. Date: 21-JAN-1998 20:53
File: HP GC E104363F.D, Channel A Inj. Date: 21-JAN-1998 16:42

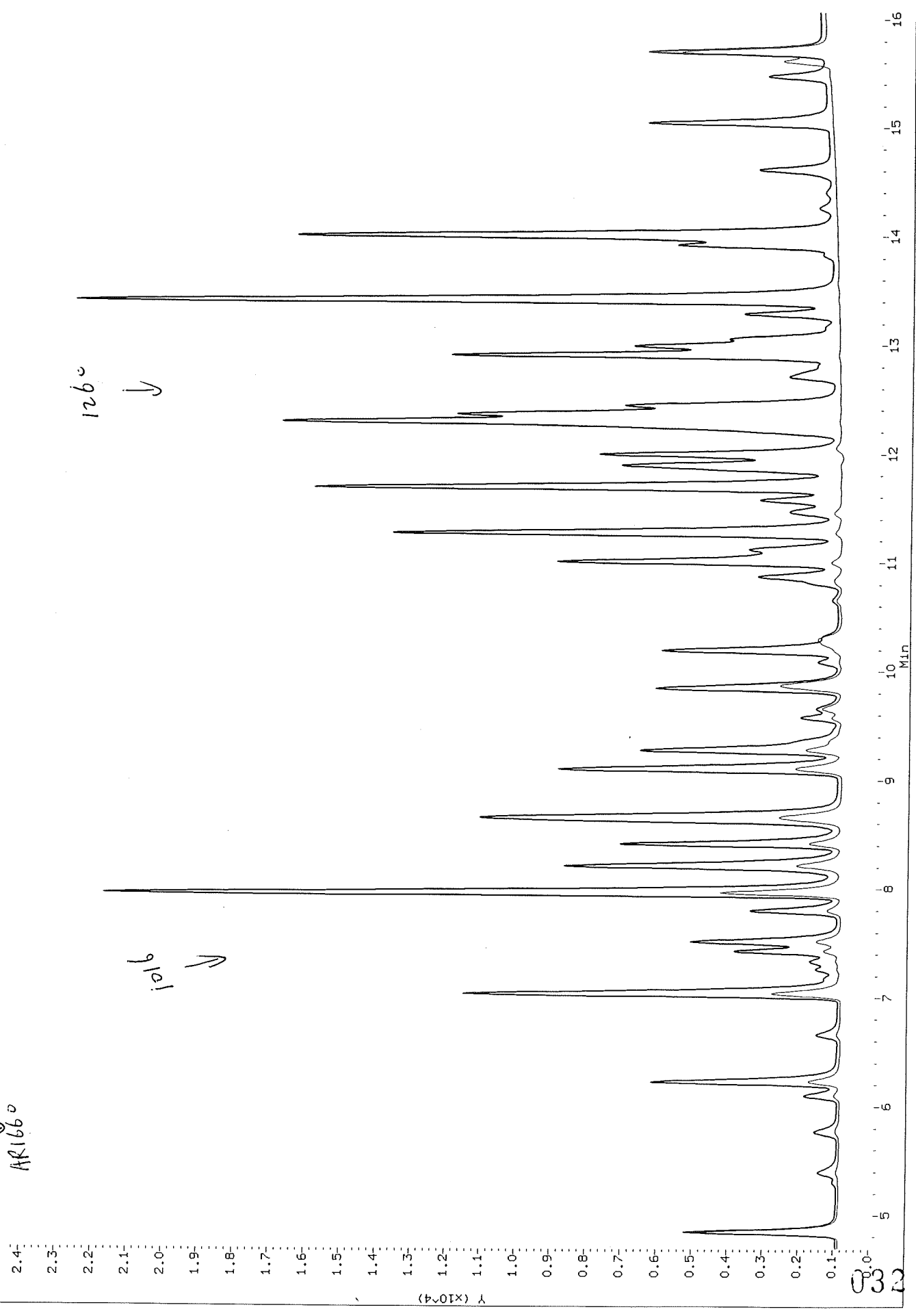
Ar 12-42



E0064-13

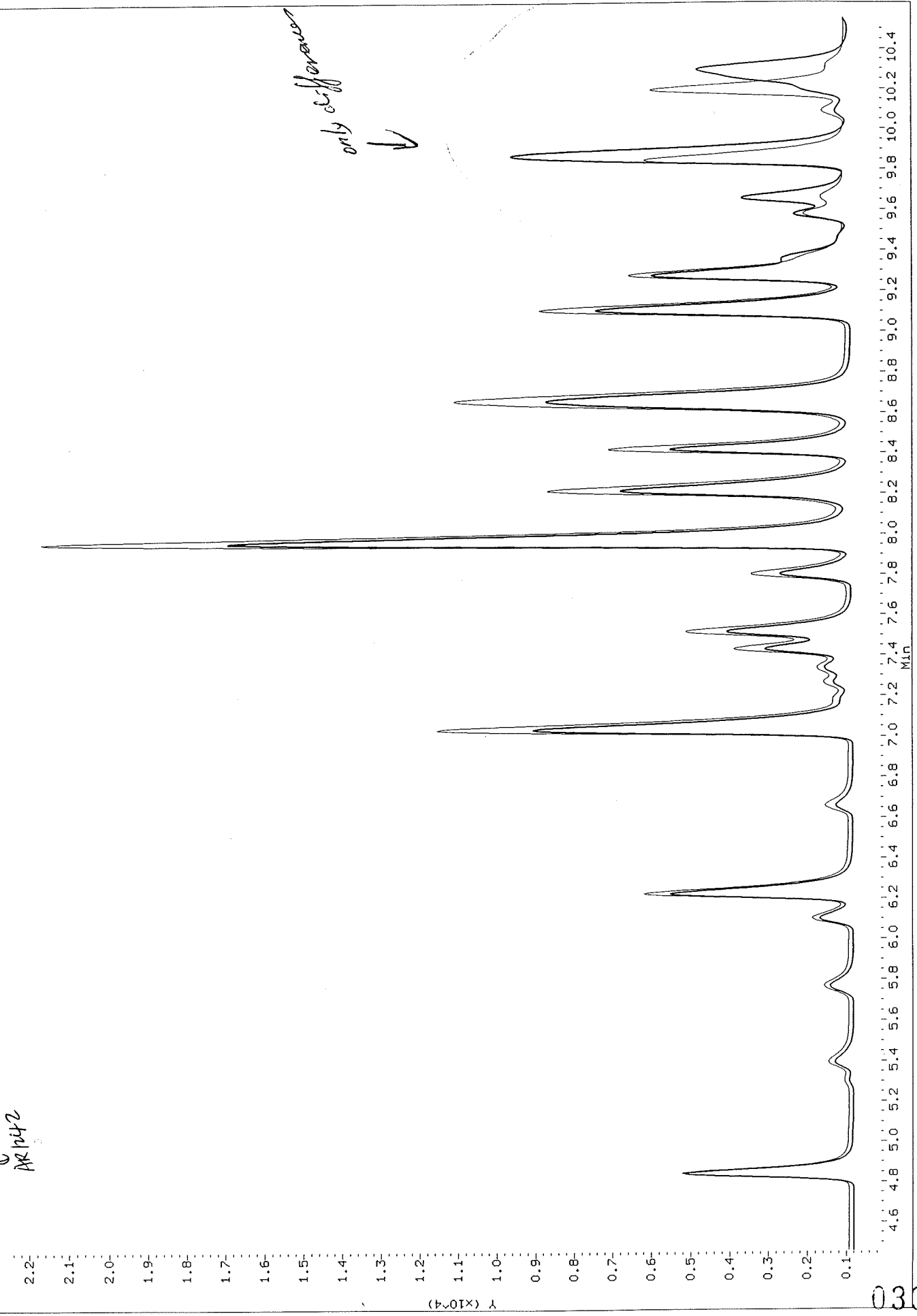
File: HP GC E1A4372F.D, Channel A Inj. Date: 21-JAN-1998 20:53
File: HP GC E1A4366F.D, Channel A Inj. Date: 21-JAN-1998 18:06

ARI660



MR 1016

File: HP GC E184366F.D, Channel A Inj. Date: 21-JAN-1998 18:06
File: HP GC E184363F.D, Channel A Inj. Date: 21-JAN-1998 16:42



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4358F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4358R.D
 Inj Date : 21-JAN-1998 14:22
 Sample Info: E0064-04,MW-4,P0120-B2
 Misc Info : 0,,,1,,,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:28
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|--------|
| Tetrachloro-m-xylene | 4.840 | 5.413 | 3666 | 8233 | 0.170 | 0.180 | | 100.00 |
| Decachlorobiphenyl | 15.697 | 17.017 | 2096 | 3459 | 0.0937 | 0.0916 | | 100.00 |
| Aroclor-1260 | 12.907 | 13.847 | 1142 | 2968 | 1.28 | 1.74 | 80.00- 120.00 | 100.00 |
| | 13.413 | 14.097 | 5665 | 13040 | 3.19 | 2.97 | 192.08- 232.08 | 496.06 |
| | 14.003 | 14.920 | 4458 | 6260 | 3.50 | 2.85 | 129.46- 169.46 | 390.37 |
| Average of Peak Amounts = | | | | | 2.66 | 2.52 | | |

OL
1/22/98

Data File: /Organic/SV0A/E1.1/980121F.B/E1A4359F.D

Date : 21-JAN-1998 14:50

Client ID: MK-5

Sample Info: E0064-05, MK-5, P0120-B2

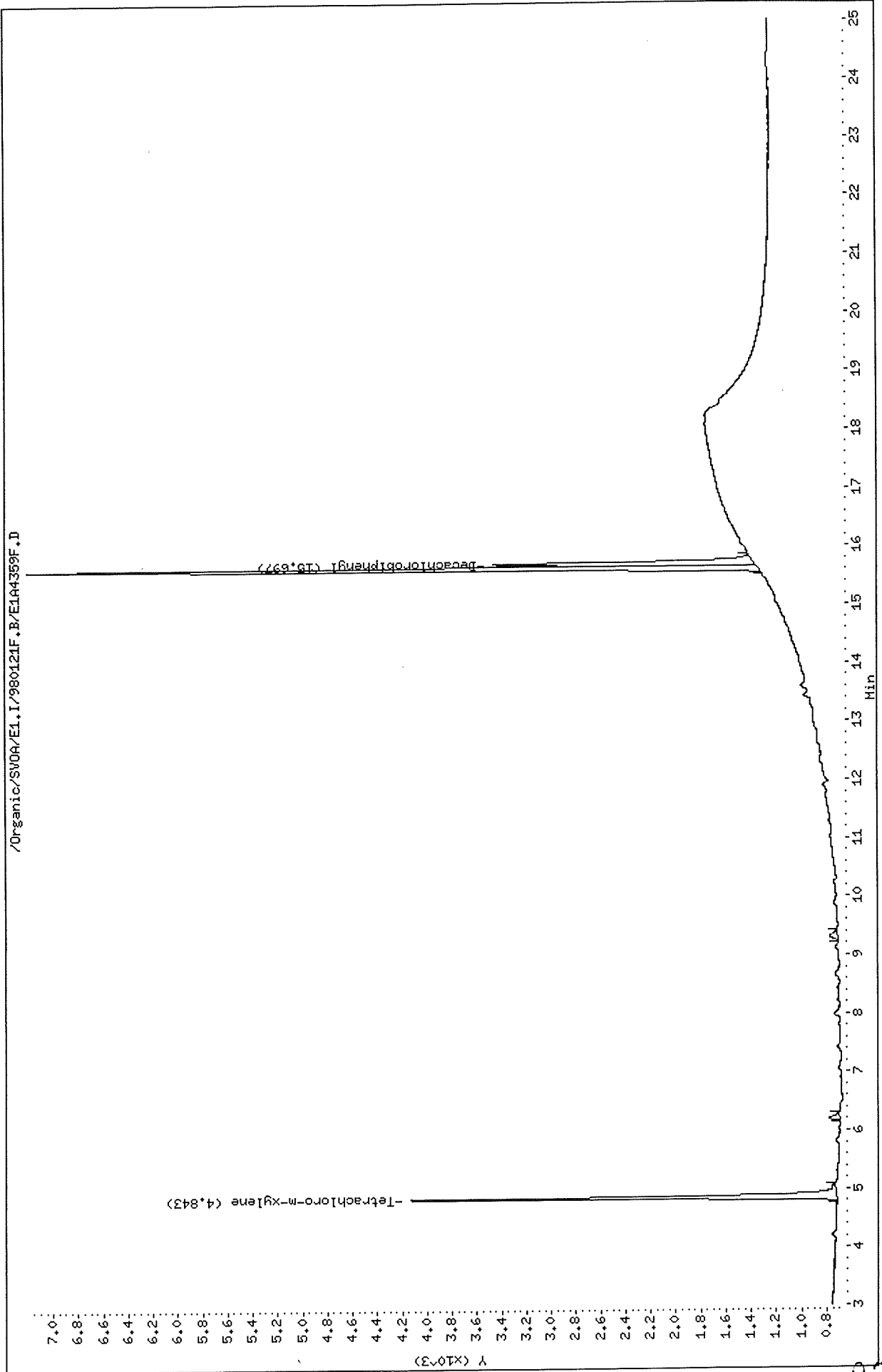
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

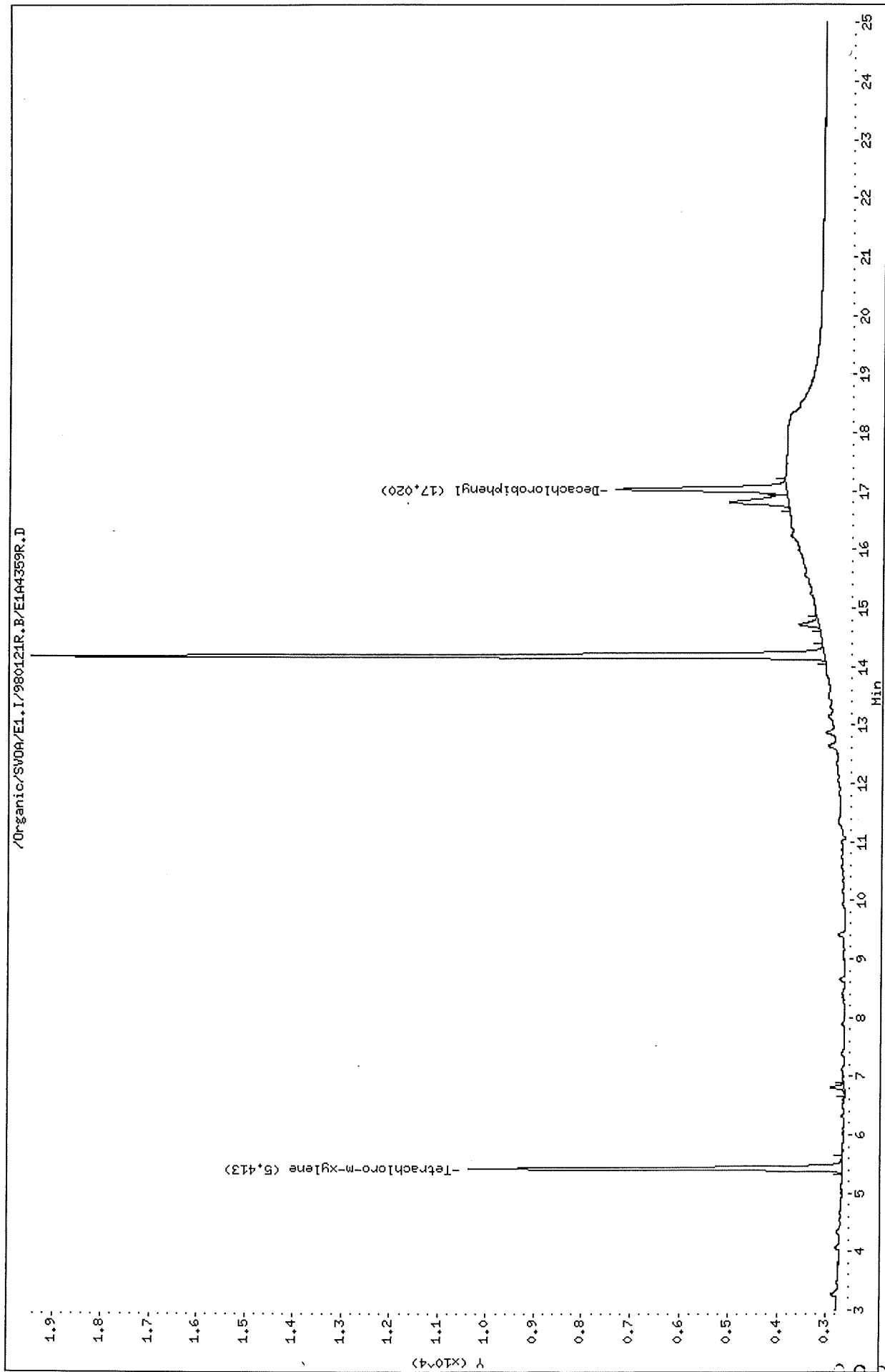
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4359R.D
Date : 21-JAN-1998 14:50
Client ID: MW-5
Sample Info: E0064-05,MW-5,P0120-B2
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: \Organic\SVOA\E1.I\980121F.B\E1A4359F.D
 Report Date: 22-Jan-1998 09:50

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4359F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4359R.D
 Inj Date : 21-JAN-1998 14:50
 Sample Info: E0064-05,MW-5,P0120-B2
 Misc Info : 0,,,1,,,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:28
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

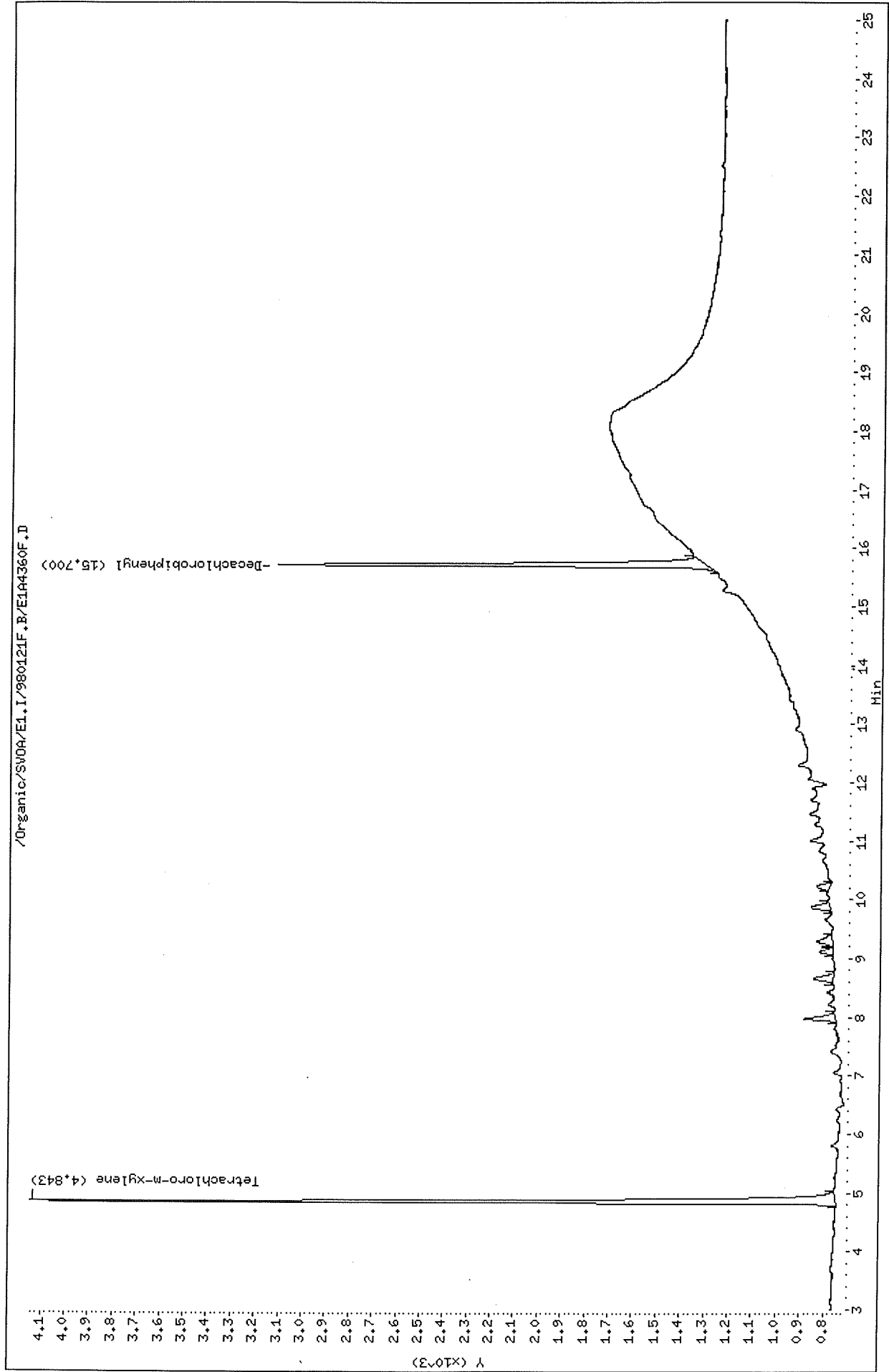
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 3409 | 7727 | 0.158 | 0.169 | | 100.00 |
| Decachlorobiphenyl | 15.697 | 17.020 | 2100 | 3499 | 0.0939 | 0.0927 | | 100.00 |

GL
1/22/98

Data File: /Organic/SV00A/E1.I/980121F.B/E1A4360F.D
Date: 21-JUN-1998 15:18
Client ID: MM-6
Sample Info: E0064-06,MM-6,P0120-B2
Volume Injected (ul): 2.0
Column Phase: DB-1701

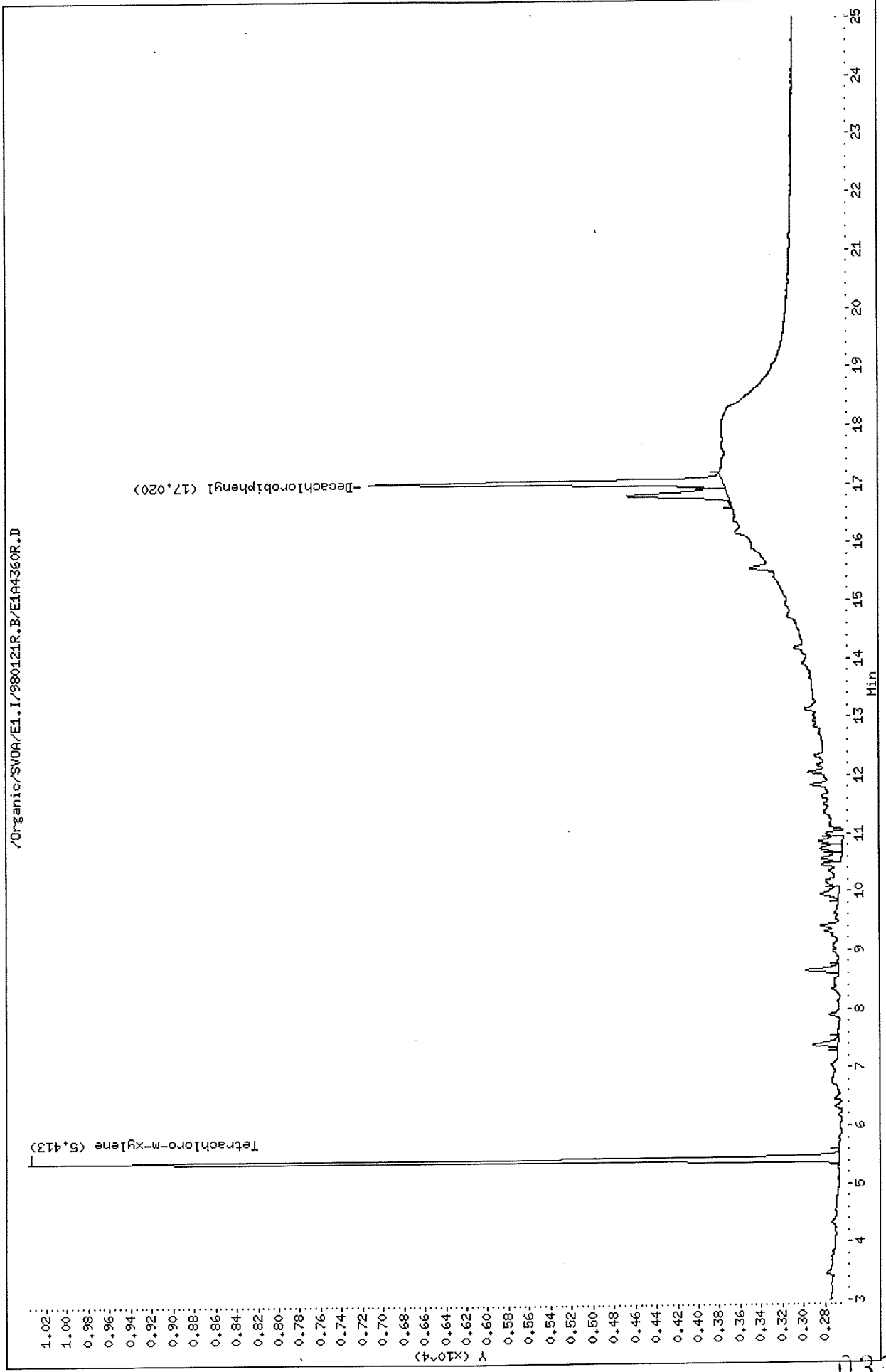
Instrument: EI.1
Operator: sph
Column diameter: 0.53



0033

Data File: /Organic/SV0A/EI.I/980121R.B/E1A4360R.D
Date : 21-JAN-1998 15:18
Client ID: MM-6
Sample Info: E0064-06,MM-6,P0120-B2
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: EI.I
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4360F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4360R.D
 Inj Date : 21-JAN-1998 15:18
 Sample Info: E0064-06,MW-6,P0120-B2
 Misc Info : 0,,,1,,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:28
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

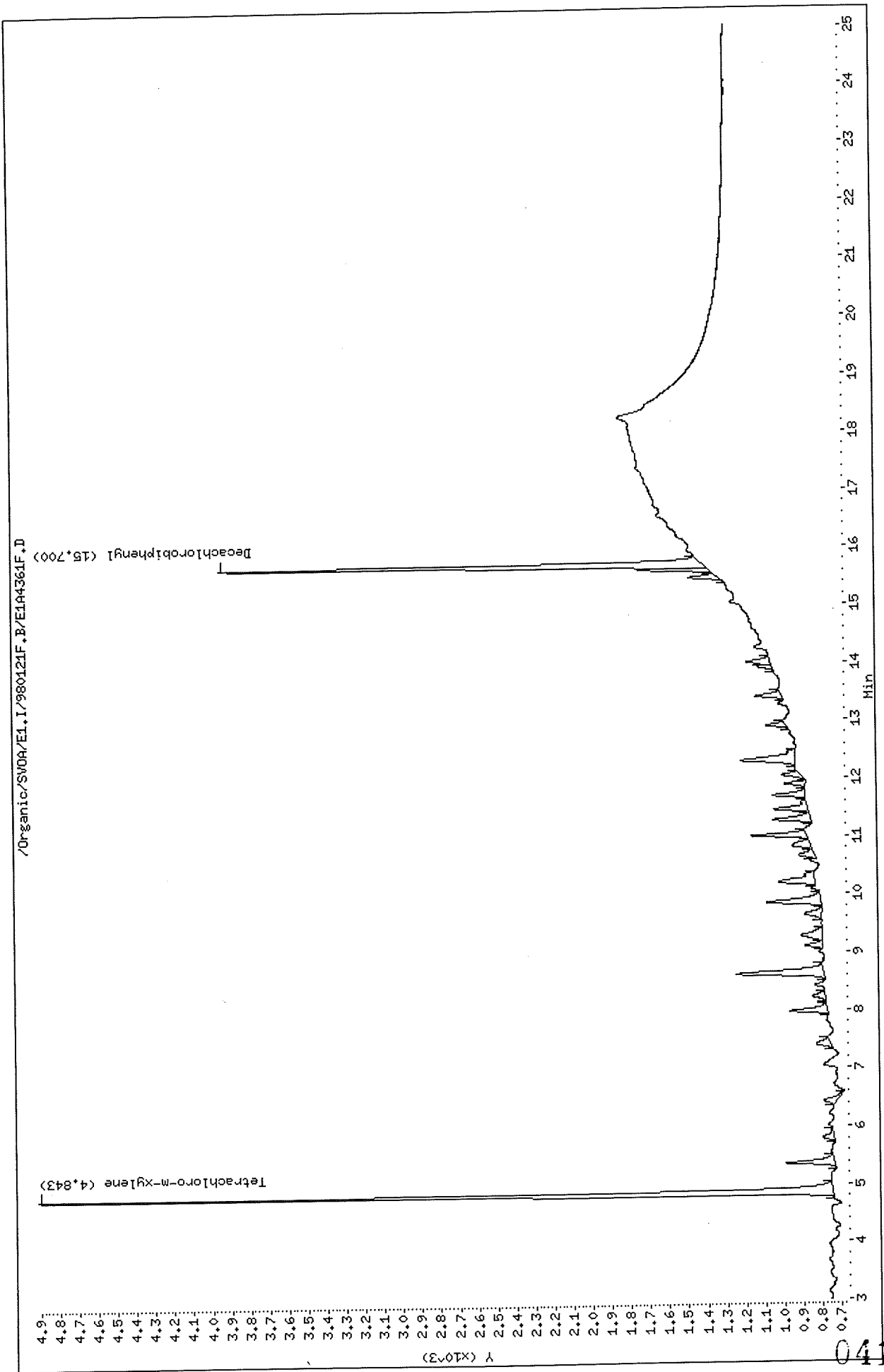
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 3393 | 7702 | 0.157 | 0.169 | | 100.00 |
| Decachlorobiphenyl | 15.700 | 17.020 | 1810 | 3368 | 0.0809 | 0.0892 | | 100.00 |

OL
1/21/98

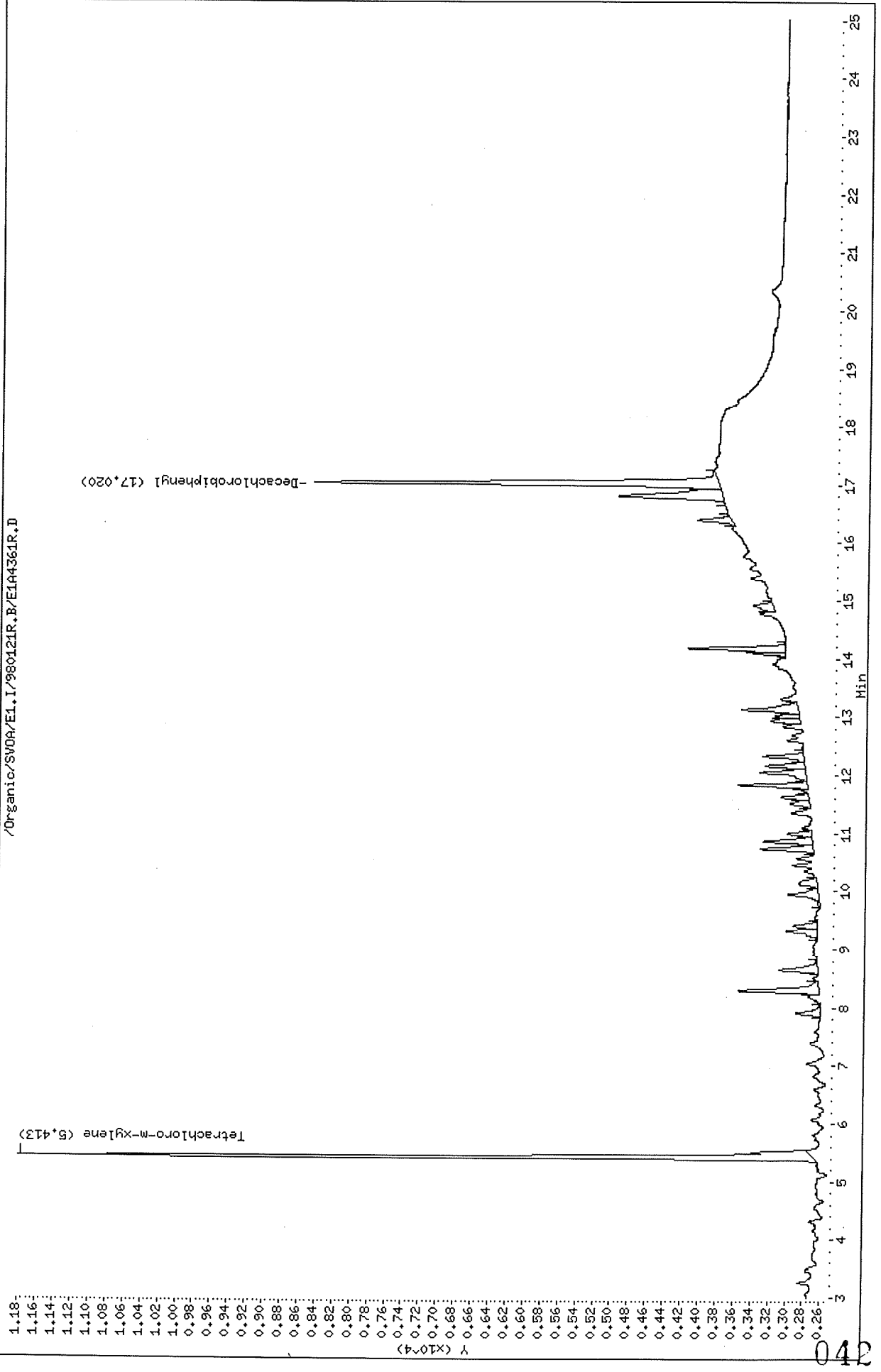
Data File: /Organic/SV0A/E1.1/980121F.B/E1A4361F.D
Date : 21-JAN-1998 15:46
Client ID: MM-7
Sample Info: E0064-07,MM-7,P0120-B2
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.1
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4361R.D
 Date: 21-JAN-1998 15:46
 Client ID: MM-7
 Sample Info: E0064-07,MM-7,P0120-B2
 Volume Injected (uL): 2.0
 Column phase: DB-608

Instrument: E1.1
 Operator: sph
 Column diameter: 0.53



| |
|------|
| 1.18 |
| 1.16 |
| 1.14 |
| 1.12 |
| 1.10 |
| 1.08 |
| 1.06 |
| 1.04 |
| 1.02 |
| 1.00 |
| 0.98 |
| 0.96 |
| 0.94 |
| 0.92 |
| 0.90 |
| 0.88 |
| 0.86 |
| 0.84 |
| 0.82 |
| 0.80 |
| 0.78 |
| 0.76 |
| 0.74 |
| 0.72 |
| 0.70 |
| 0.68 |
| 0.66 |
| 0.64 |
| 0.62 |
| 0.60 |
| 0.58 |
| 0.56 |
| 0.54 |
| 0.52 |
| 0.50 |
| 0.48 |
| 0.46 |
| 0.44 |
| 0.42 |
| 0.40 |
| 0.38 |
| 0.36 |
| 0.34 |
| 0.32 |
| 0.30 |
| 0.28 |
| 0.26 |

042

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4361F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4361R.D
 Inj Date : 21-JAN-1998 15:46
 Sample Info: E0064-07, MW-7, P0120-B2
 Misc Info : 0,,,1,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:28
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 4172 | 9114 | 0.193 | 0.200 | | 100.00 |
| Decachlorobiphenyl | 15.700 | 17.020 | 2548 | 4628 | 0.114 | 0.123 | | 100.00 |

GL
1/22/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4362F.D

Date : 21-JAN-1998 16:14

Client ID: HM-8

Sample Info: E0064-08, HM-8, P0120-B2

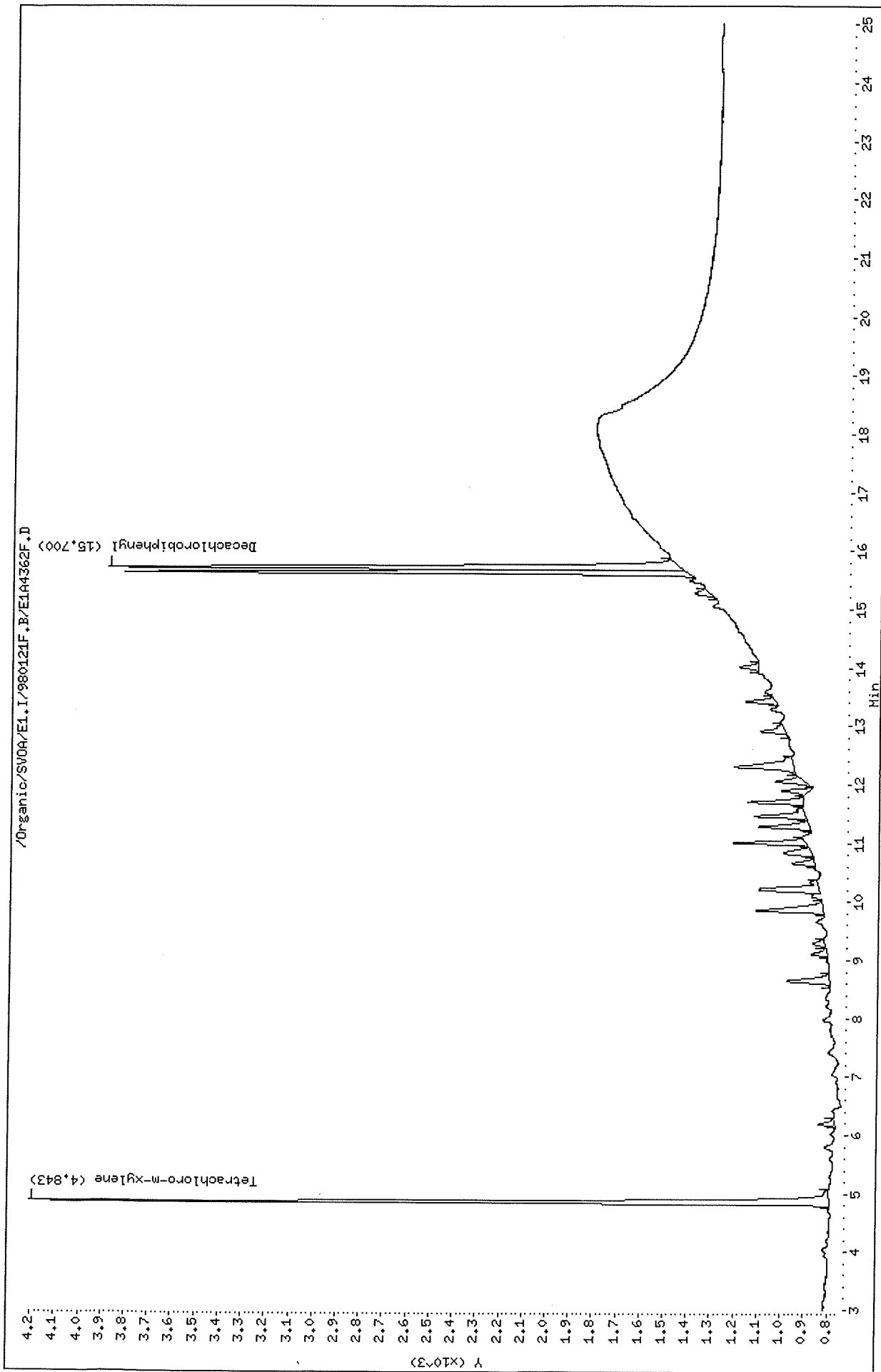
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4362R.D

Date : 21-JAN-1998 16:14

Client ID: MM-8

Sample Info: E0064-08,MM-8,P0120-B2

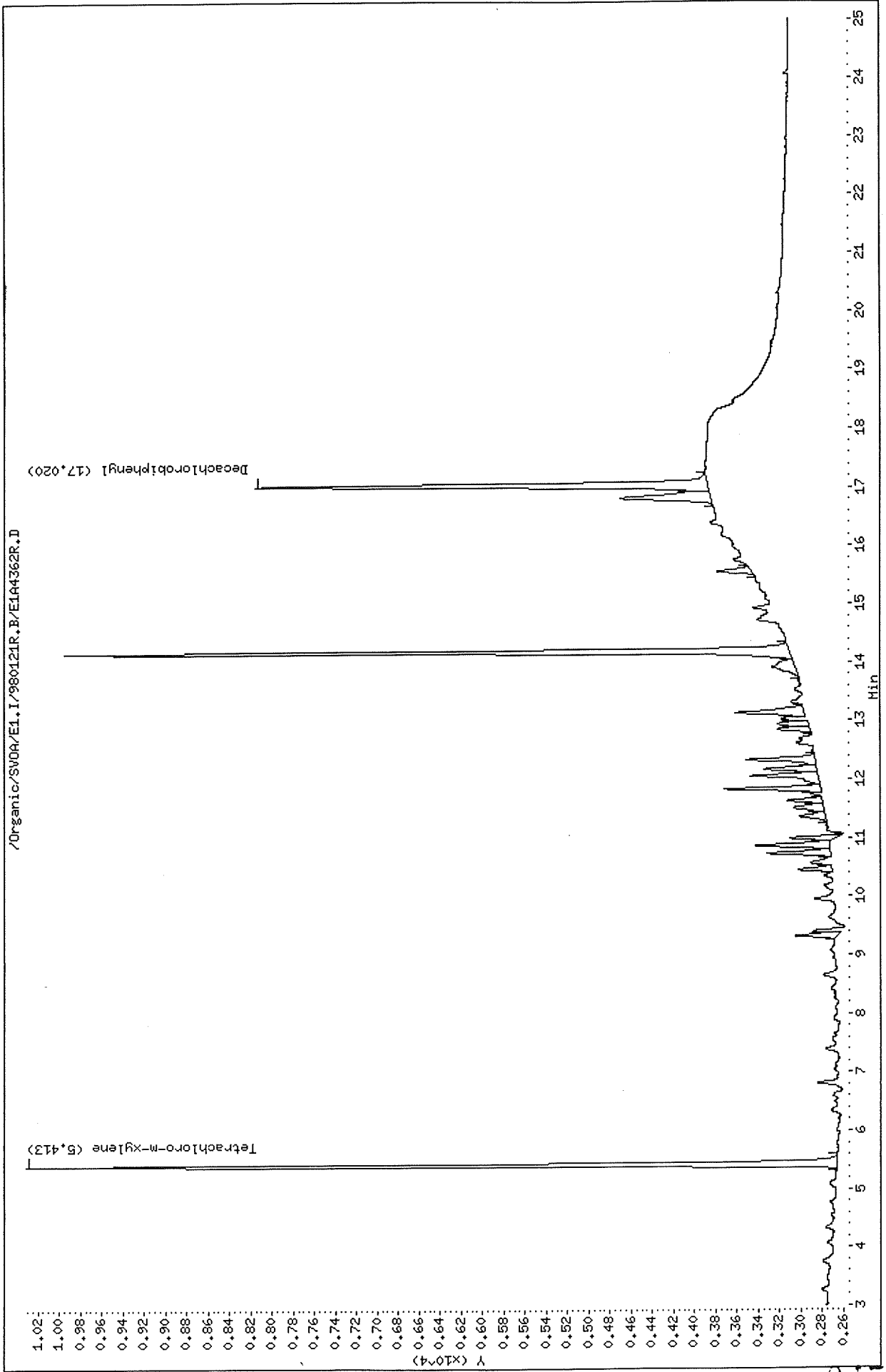
Volume Injected (uL): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: \Organic\SVOA\E1.I\980121F.B\E1A4362F.D
Report Date: 22-Jan-1998 09:50

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4362F.D
Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4362R.D
Inj Date : 21-JAN-1998 16:14
Sample Info: E0064-08, MW-8, P0120-B2
Misc Info : 0,,,1,,,,,,20-JAN-98,19-JAN-98
Cal Date : 22-JAN-1998 08:28
Operator : sph
Inst ID : E1.i
Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
Sub List #1 : all.sub
Sub List #2 : all.sub
Col #1 Phase : DB-1701
Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

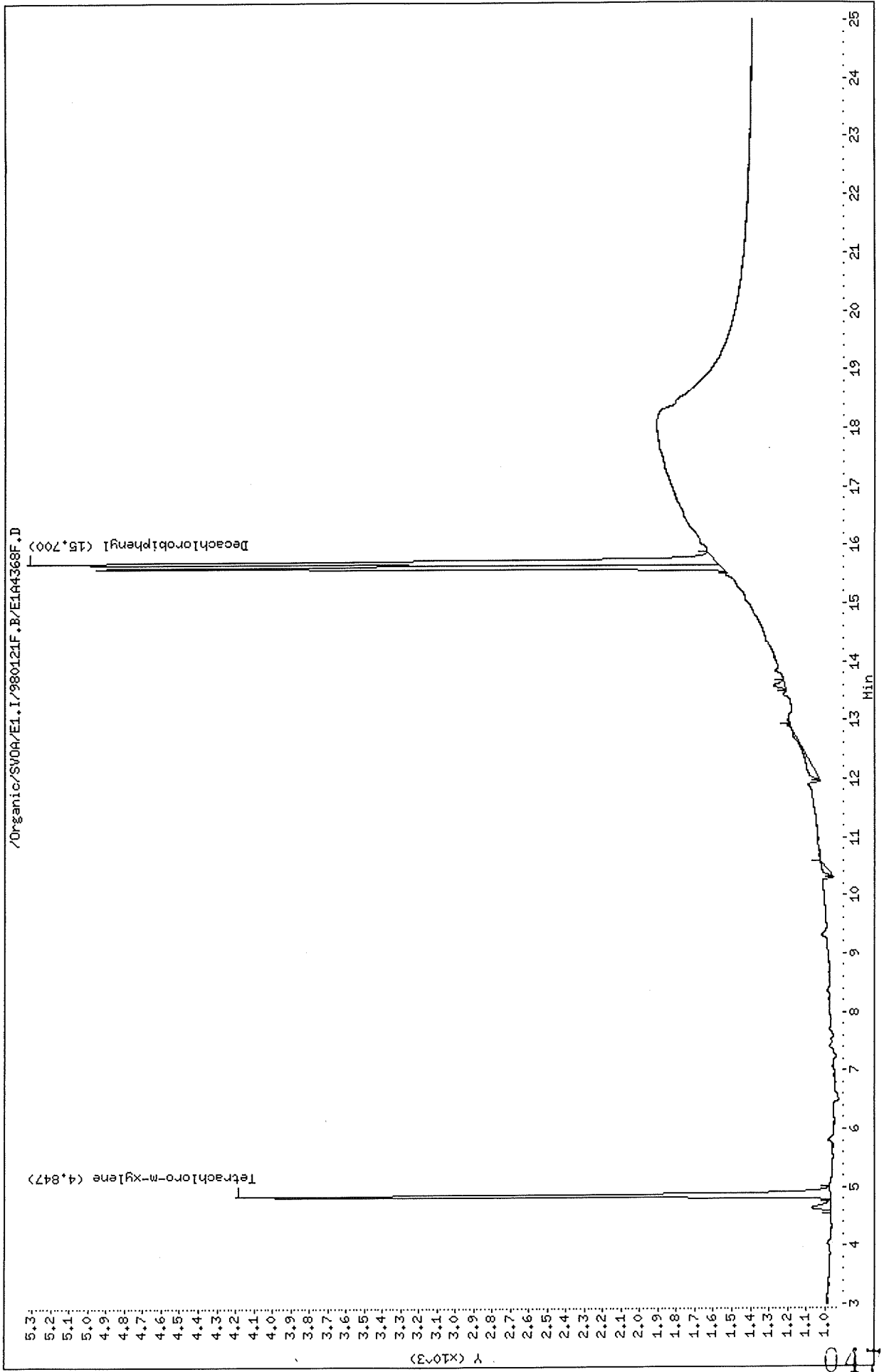
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 3414 | 7648 | 0.158 | 0.168 | | 100.00 |
| Decachlorobiphenyl | 15.700 | 17.020 | 2451 | 4284 | 0.110 | 0.113 | | 100.00 |

GL
1/22/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4368F.D
Date: 21-JUN-1998 19:02
Client ID: WB-1
Sample Info: E0064-09, WB-1, P0120-B2
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.1/980121R.B/E1A4368R.D

Date : 21-JAN-1998 19:02

Client ID: MB-1

Sample Info: E0064-09, MB-1, P0120-B2

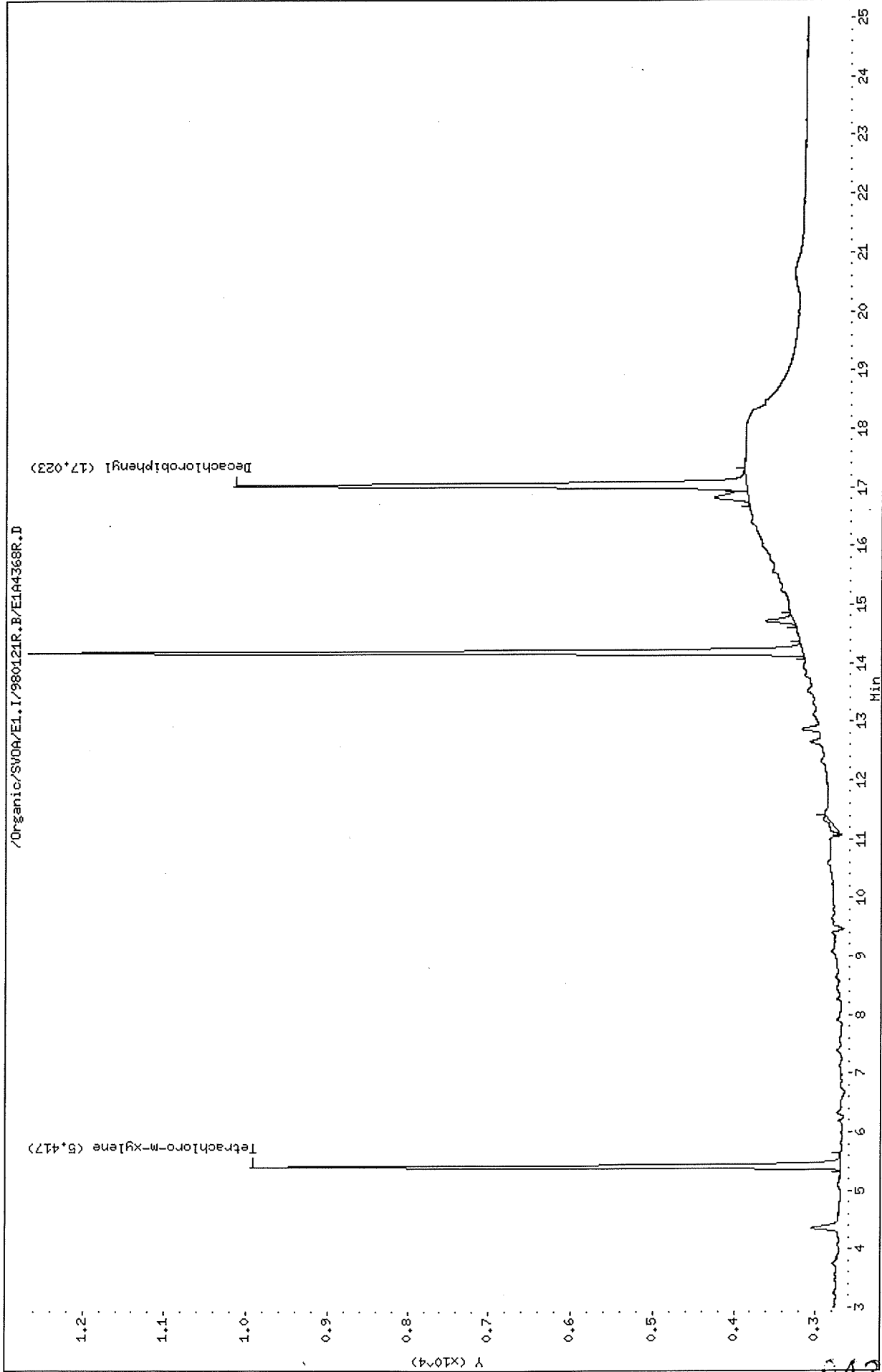
Volume Injected (ul.): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4368F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4368R.D
 Inj Date : 21-JAN-1998 19:02
 Sample Info: E0064-09, WB-1, P0120-B2
 Misc Info : 0,,1,,20-JAN-98, 19-JAN-98
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

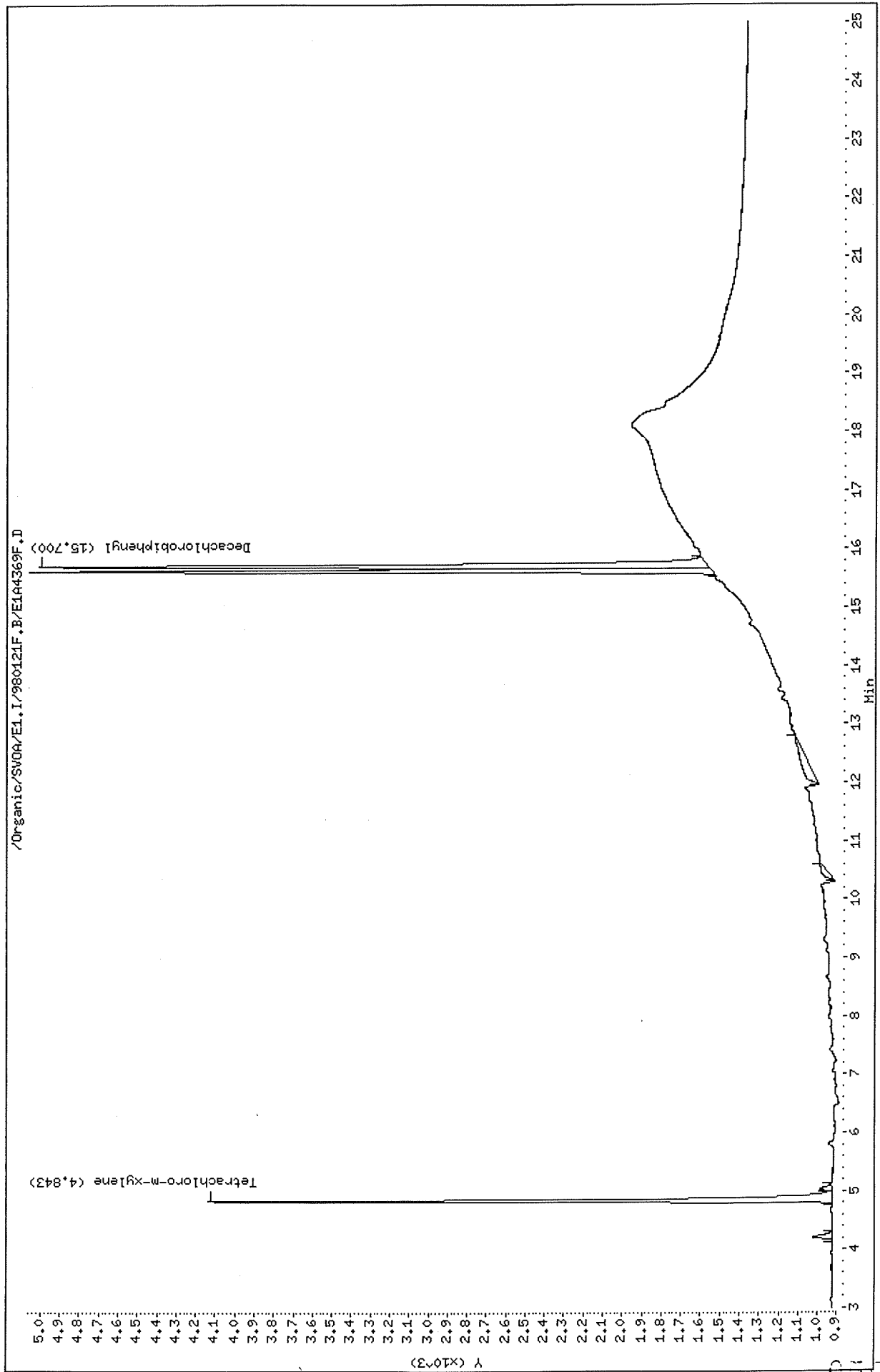
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.847 | 5.417 | 3227 | 7246 | 0.150 | 0.159 | | 100.00 |
| Decachlorobiphenyl | 15.700 | 17.023 | 3746 | 6301 | 0.167 | 0.167 | | 100.00 |

GL
1/22/98

Data File: /Organic/SV00A/E1.I/980121F.B/E1A4369F.D
Date : 21-JAN-1998 19:29
Client ID: PERB-1
Sample Info: E0064-10,PERB-1,P0120-B2
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.1
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4369R.D

Date: 21-JAN-1998 19:29

Client ID: PERB-1

Sample Info: E0064-10, PERB-1, P0120-B2

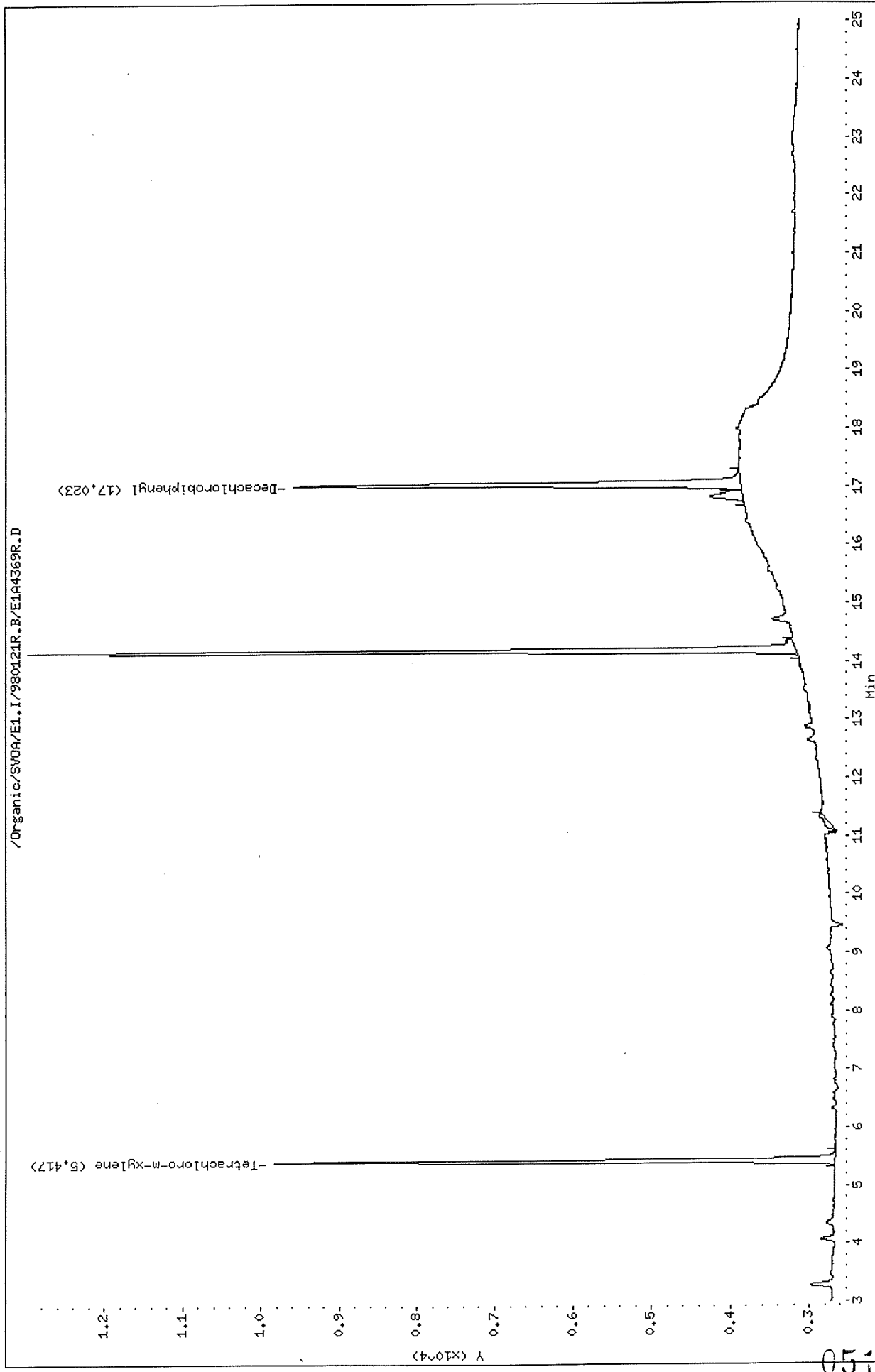
Volume Injected (ul): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4369F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4369R.D
 Inj Date : 21-JAN-1998 19:29
 Sample Info: E0064-10, PERB-1, P0120-B2
 Misc Info : 0,,,1,,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

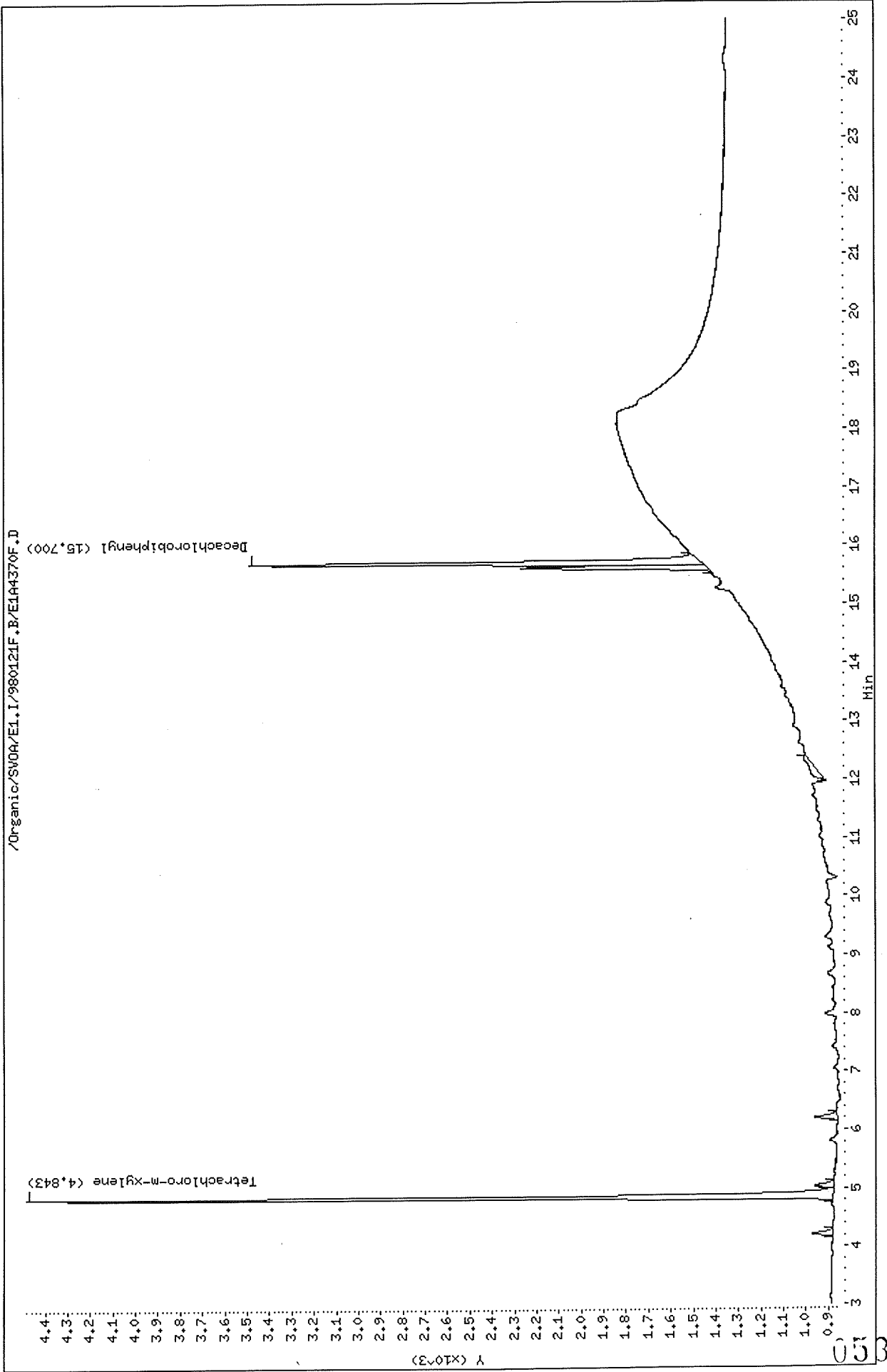
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 3213 | 7157 | 0.149 | 0.157 | | 100.00 |
| Decachlorobiphenyl | 15.700 | 17.023 | 3443 | 5737 | 0.154 | 0.152 | | 100.00 |

GL
1/22/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4370F.D
Date : 21-JAN-1998 19:57
Client ID: MW-5(D)
Sample Info: E0064-11,MW-5(D),P0120-B2
Volume Injected (uL): 2.0
Column Phase: IB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4370R.D

Date : 21-JAN-1998 19:57

Client ID: MW-5(D)

Sample Info: E0064-11, MW-5(D), P0120-B2

Volume Injected (ul): 2.0

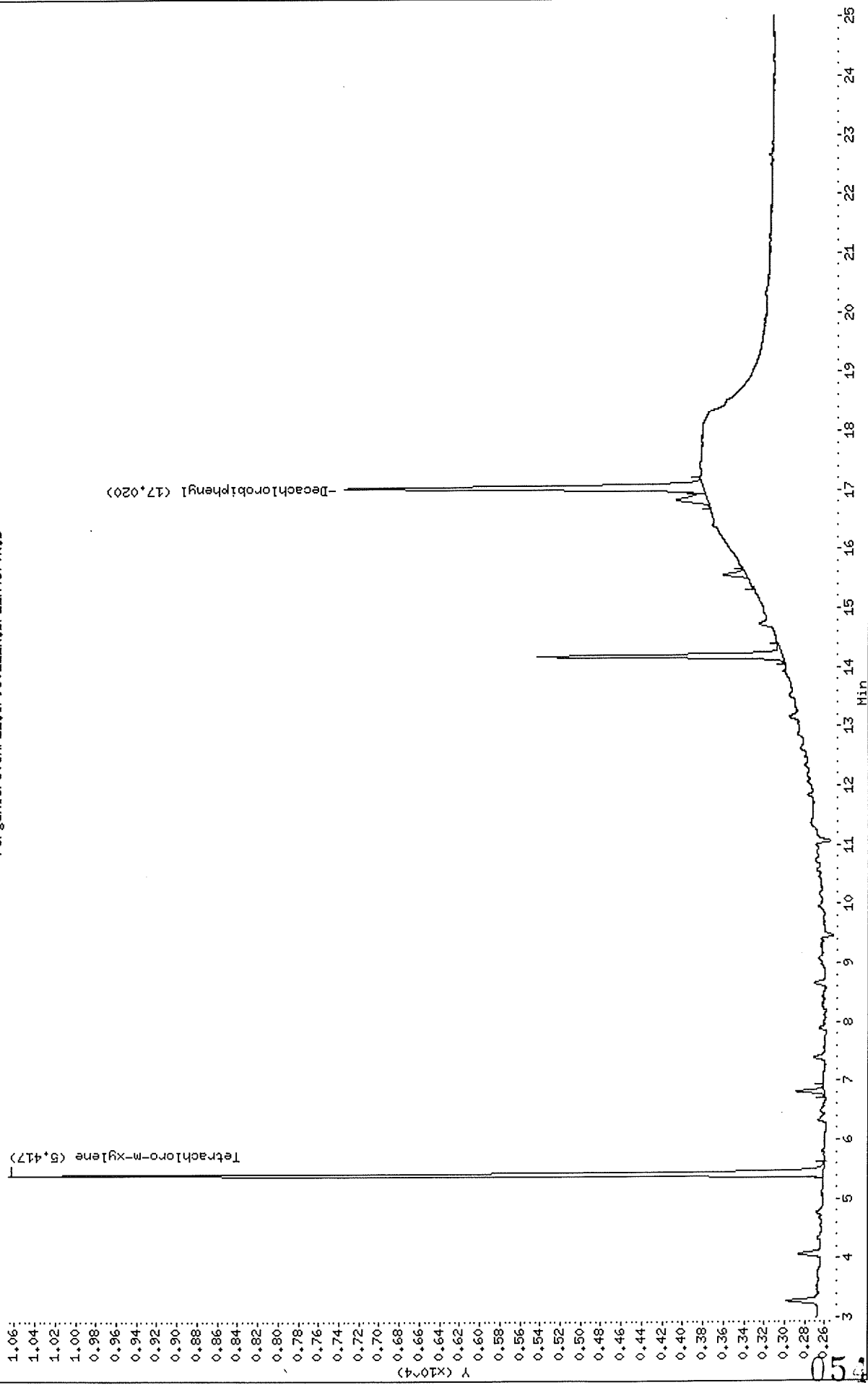
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV0A/E1.I/980121R.B/E1A4370R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4370F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4370R.D
 Inj Date : 21-JAN-1998 19:57
 Sample Info: E0064-11, MW-5 (D), P0120-B2
 Misc Info : 0,,,1,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

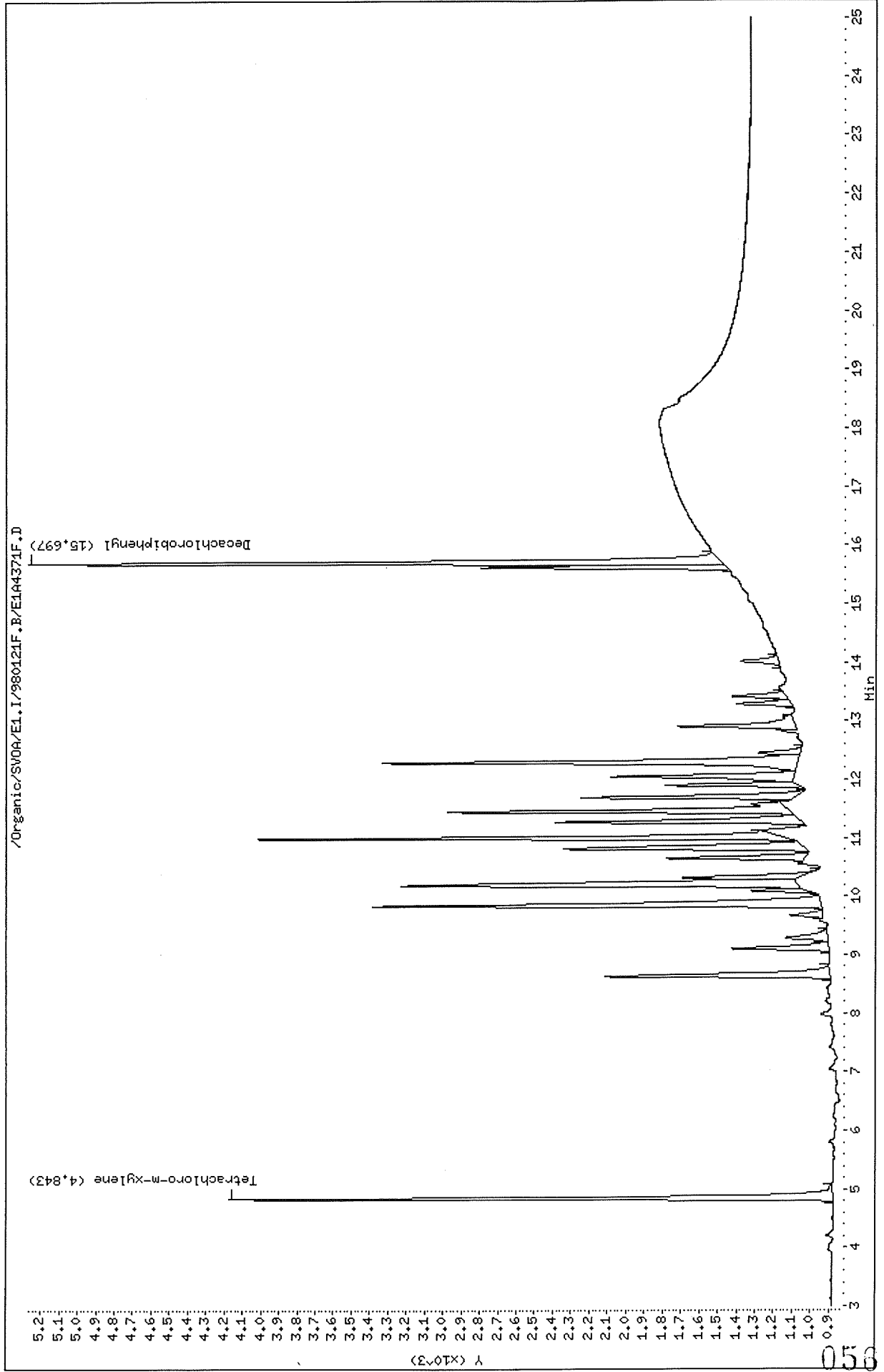
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 3605 | 8046 | 0.167 | 0.176 | | 100.00 |
| Decachlorobiphenyl | 15.700 | 17.020 | 2026 | 3560 | 0.0906 | 0.0943 | | 100.00 |

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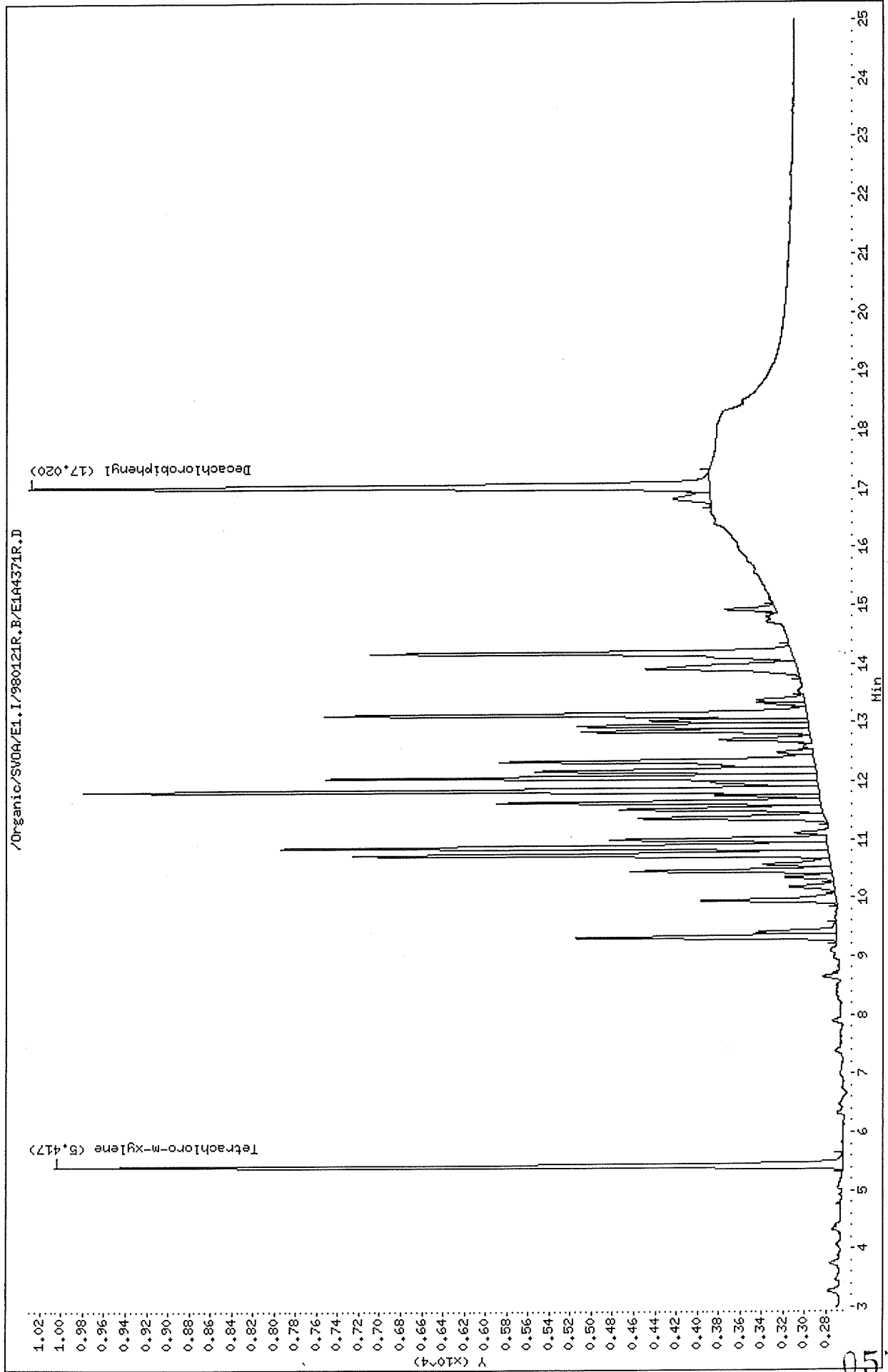
Data File: /Organic/SV0A/E1.I/980121F.B/E1A4371F.D
Date: 21-JAN-1998 20:25
Client ID: PS-65005
Sample Info: E0064-12,PS-65005,P0120-B2
Volume Injected (ul): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4371R.D
Date: 21-JAN-1998 20:25
Client ID: PS-65005
Sample Info: E0064-12,PS-65005,P0120-B2
Volume Injected (ul): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4371F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4371R.D
 Inj Date : 21-JAN-1998 20:25
 Sample Info: E0064-12 PS-65005, B0120-B2
 Misc Info : 0,,,1,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 3301 | 7414 | 0.153 | 0.162 | | 100.00 |
| Decachlorobiphenyl | 15.697 | 17.020 | 3781 | 6420 | 0.169 | 0.170 | | 100.00 |
| Aroclor-1254 | 9.850 | 10.730 | 2445 | 4495 | 2.20 | 2.27 | 80.00- 120.00 | 100.00 |
| | 10.200 | 10.860 | 2168 | 5156 | 2.16 | 2.29 | 69.61- 109.61 | 88.67 |
| | 11.003 | 11.630 | 2872 | 3048 | 2.04 | 2.04 | 111.14- 151.14 | 117.46 |
| | 11.457 | 12.057 | 1864 | 4632 | 1.95 | 2.09 | 67.93- 107.93 | 76.24 |
| | 11.693 | 12.333 | 1162 | 2956 | 2.09 | 2.28 | 31.91- 71.91 | 47.53 |
| Average of Peak Amounts = | | | | | 2.09 | 2.19 | | |

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Data File: /Organic/SV0A/E1.I/980121F.B/E1A4372F.D

Date : 21-JAN-1998 20:53

Client ID: PS-63006

Sample Info: E0064-13,PS-63006,P0120-B2

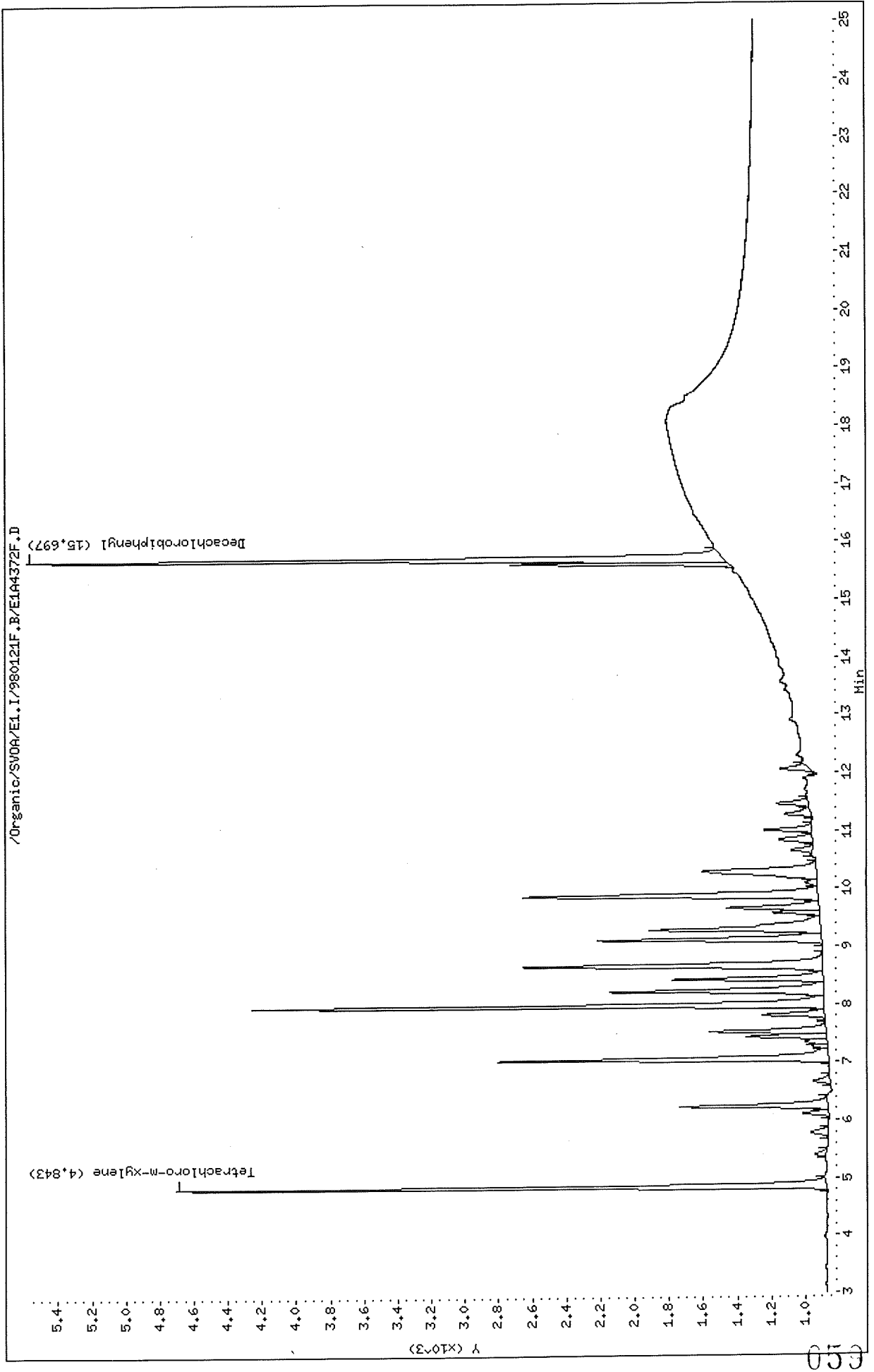
Volume Injected (ul): 2.0

Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV00A/E1.1/980121R.B/E1A4372R.D

Date : 21-JAN-1998 20:53

Client ID: PS-63006

Sample Info: E0064-13,PS-63006,P0120-B2

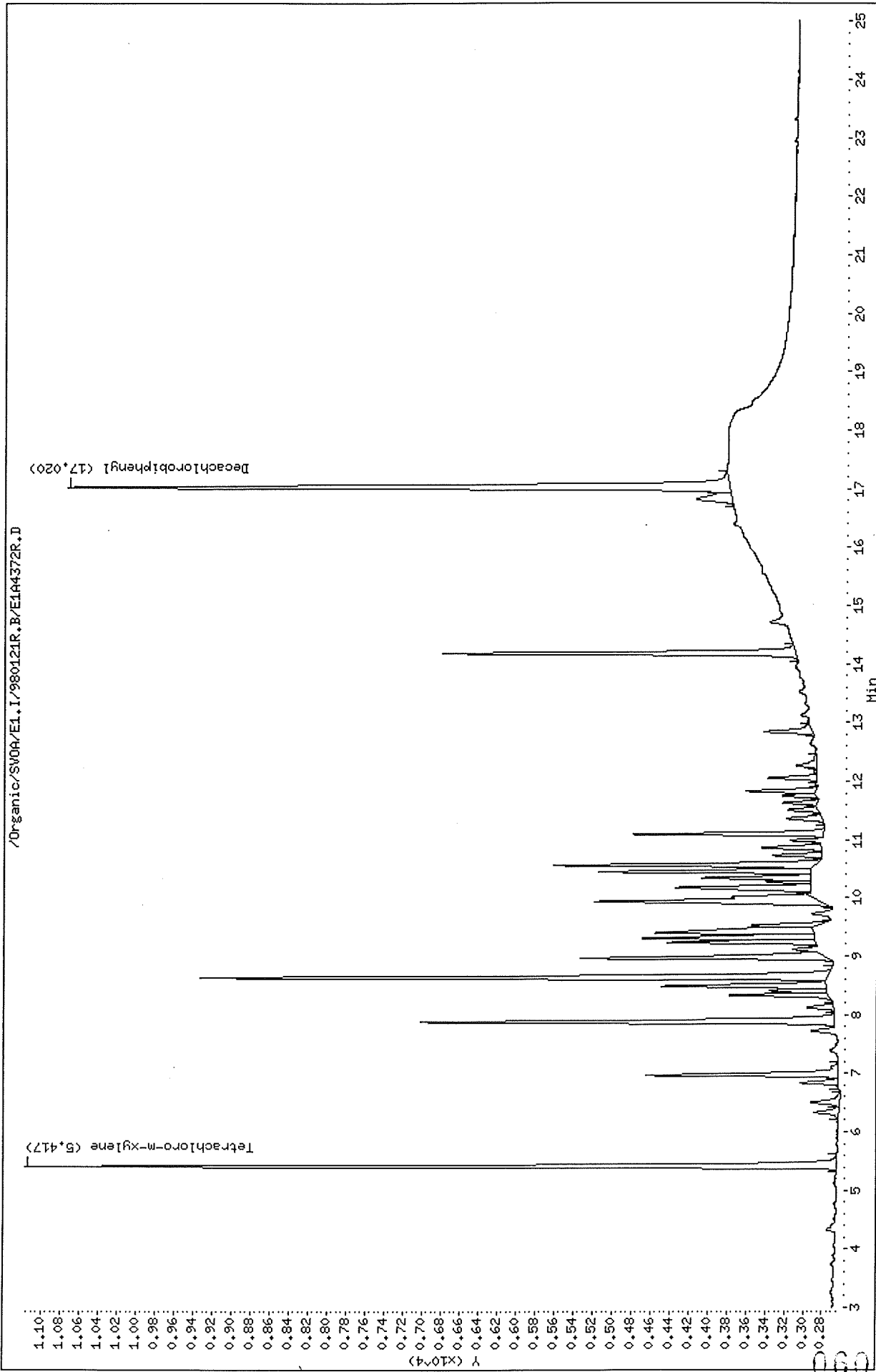
Volume Injected (uL): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4372F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4372R.D
 Inj Date : 21-JAN-1998 20:53
 Sample Info: E0064-13, PS-63006, P0120-B2
 Misc Info : 0,,,1,,,,,20-JAN-98,19-JAN-98
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 3833 | 8521 | 0.178 | 0.187 | | 100.00 |
| Decachlorobiphenyl | 15.697 | 17.020 | 4109 | 6942 | 0.184 | 0.184 | | 100.00 |
| Aroclor-1242 | 6.230 | 6.980 | 878 | 2015 | 2.06 | 2.36 | 80.00- 120.00 | 100.00 |
| | 7.040 | 7.890 | 1942 | 4357 | 2.67 | 2.79 | 156.78- 196.78 | 221.18 |
| | 7.970 | 8.643 | 3377 | 6578 | 2.44 | 2.46 | 325.08- 365.08 | 384.62 |
| | 8.220 | 8.977 | 1255 | 2576 | 2.42 | 2.47 | 106.46- 146.46 | 142.94 |
| | 8.423 | 9.240 | 888 | 1562 | 2.18 | 2.04 | 78.44- 118.44 | 101.14 |
| Average of Peak Amounts = | | | | | 2.35 | 2.42 | | |

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Data File: /Organic/SV00A/E1.I/980121F.B/E1A4353F.D

Date : 21-JAN-1998 12:03

Client ID: PBLK01

Sample Info: P0120-B2,PBLK01,P0120-B2

Volume Injected (uL): 2.0

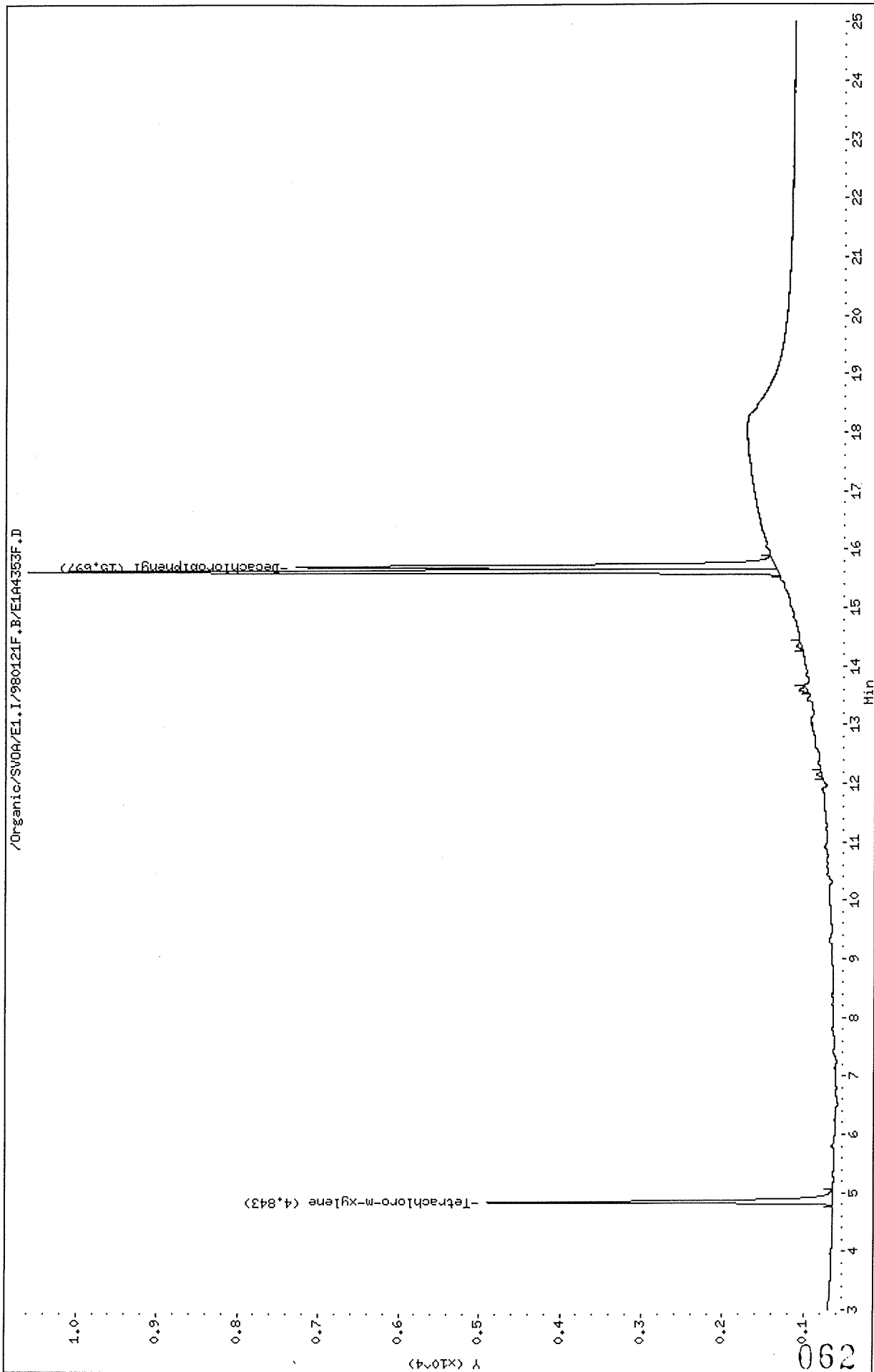
Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV00A/E1.I/980121F.B/E1A4353F.D



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4353R.D

Date : 21-JAN-1998 12:03

Client ID: PBLK01

Sample Info: P0120-B2,PBLK01,P0120-B2

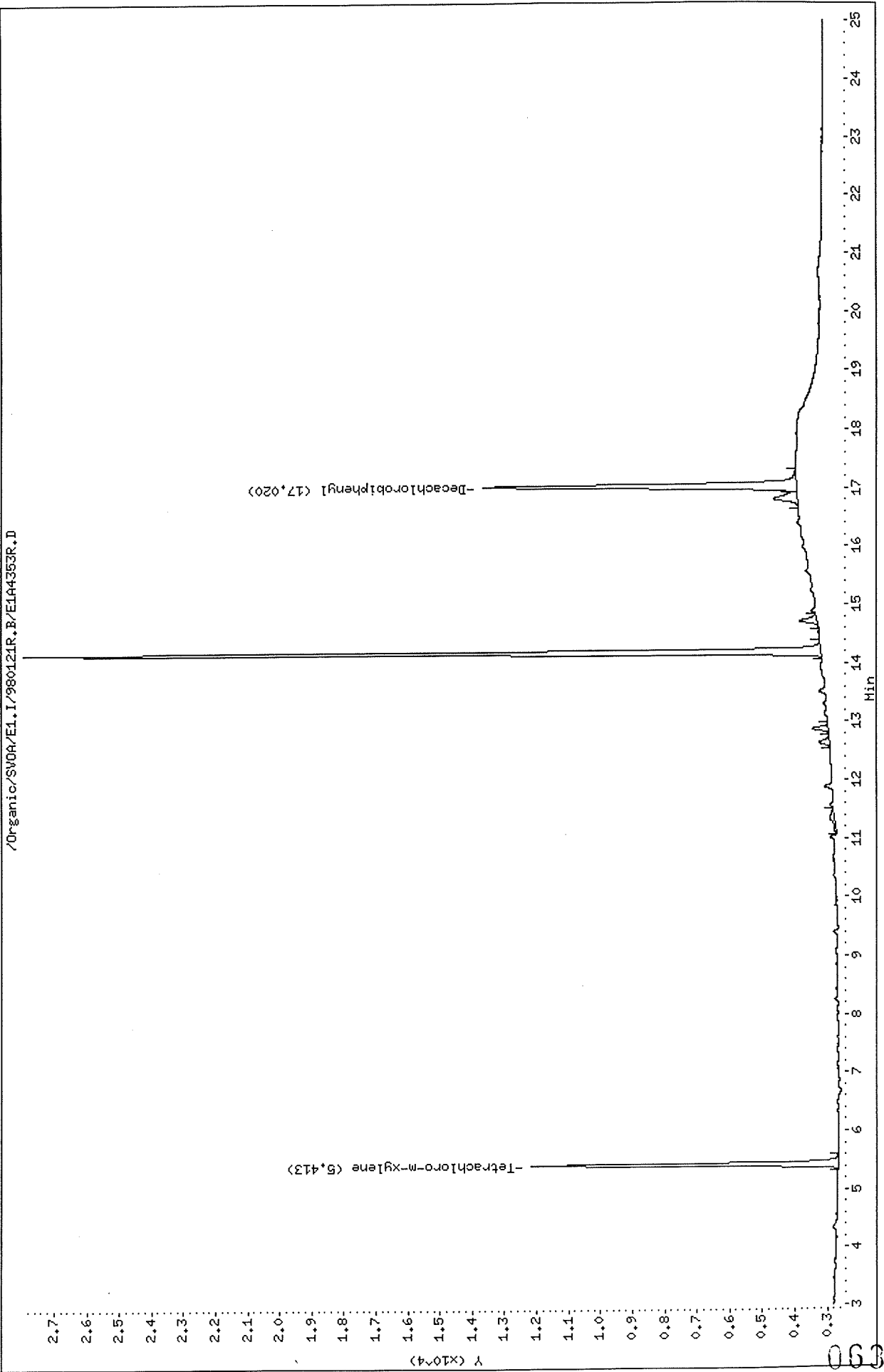
Volume Injected (ul): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4353F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4353R.D
 Inj Date : 21-JAN-1998 12:03
 Sample Info: P0120-B2 PBLK01, P0120-B2
 Misc Info : 3,, BLANK, 1,,,,, 20-JAN-98
 Cal Date : 21-JAN-1998 15:07
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

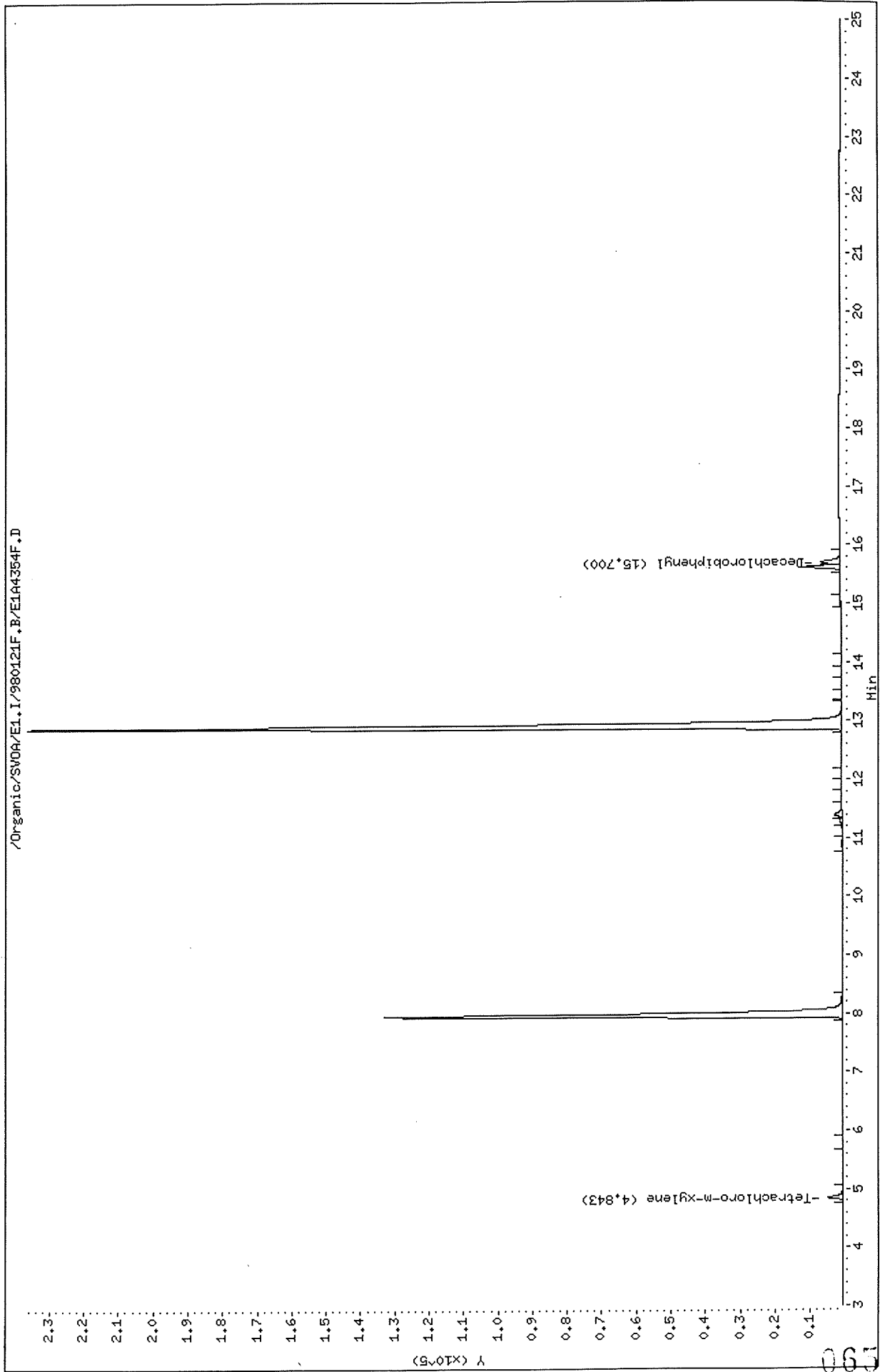
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 4265 | 9491 | 0.198 | 0.208 | | 100.00 |
| Decachlorobiphenyl | 15.697 | 17.020 | 5928 | 9734 | 0.265 | 0.258 | | 100.00 |

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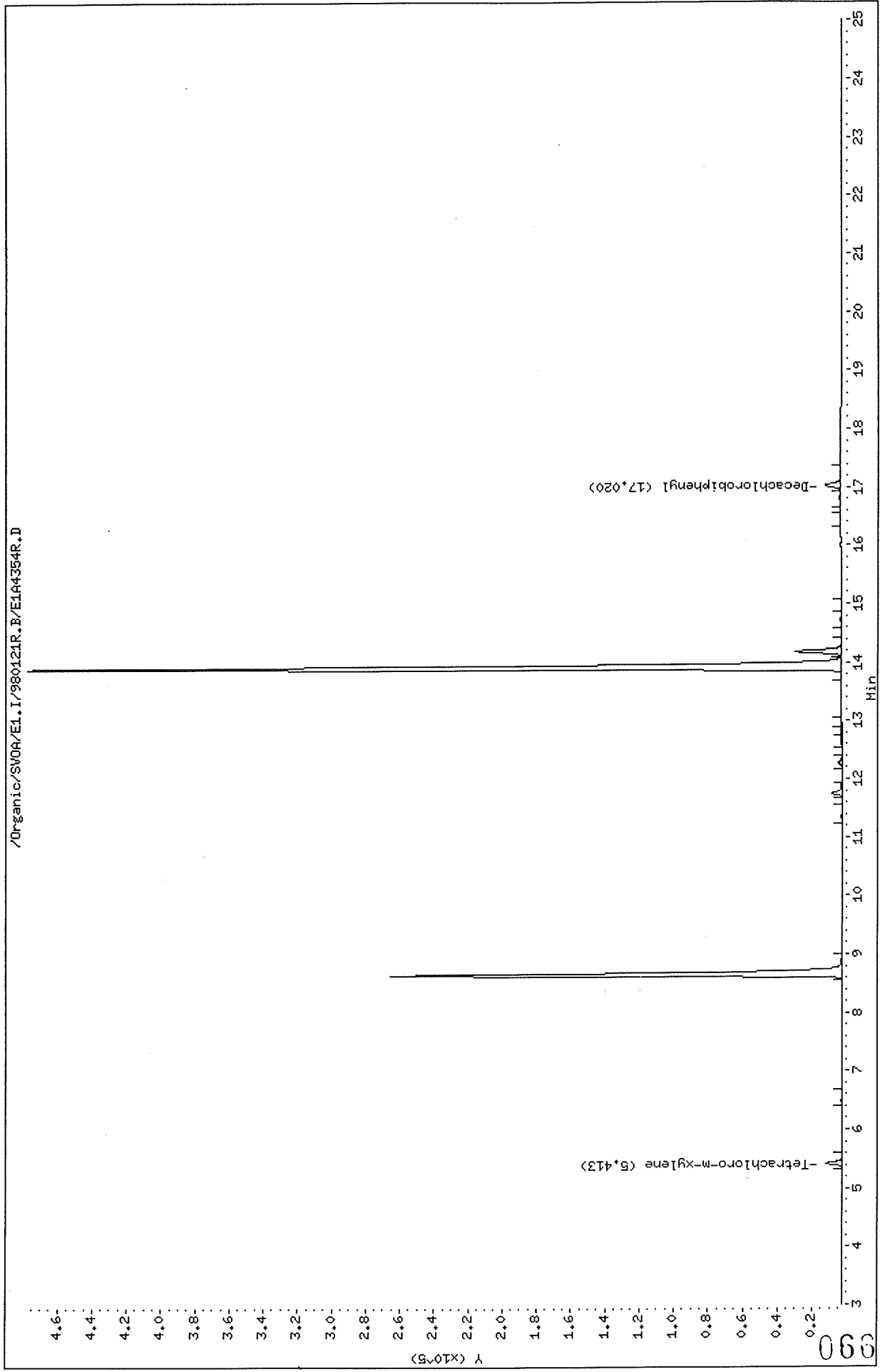
Data File: /Organic/SV0A/E1.I/980121F.B/E1A4354F.D
Date : 21-JAN-1998 12:31
Client ID: PBLK01LCS
Sample Info: P0120-LCS2,PBLK01LCS,P0120-B2
Volume Injected (ul): 2.0
Column Phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980121R.B/E1A4354R.D
Date: 21-JAN-1998 12:31
Client ID: PBLK01LCS
Sample Info: P0120-LCS2,PBLK01LCS,P0120-B2
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4354F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4354R.D
 Inj Date : 21-JAN-1998 ~~12.31~~
 Sample Info: P0120-LCS2, PBLK01LCS, P0120-B2
 Misc Info : 3,,LCS,1,,~~12.31~~,20-JAN-98
 Cal Date : 22-JAN-1998 09:16
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : all.sub
 Sub List #2 : all.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|--------------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 4125 | 9148 | 0.191 | 0.200 | | 100.00 |
| Decachlorobiphenyl | 15.700 | 17.020 | 5589 | 9209 | 0.250 | 0.244 | | 100.00 |
| 2,4,4'-Trichlorobiphenyl | 7.967 | 8.650 | 132444 | 263252 | 12.7 | 12.7 | | 100.00 |
| Hexachlorobiphenyl | 12.900 | 13.907 | 235354 | 473978 | 13.5 | 13.6 | | 100.00 |

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Initial Calibrations

Report Date : 30-Jan-1998 10:13

Thru-Put Systems, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-JAN-1998 22:19
 End Cal Date : 20-JAN-1998 18:26
 Quant Method : ESTD
 Origin : Included
 Target Version : 3.40
 Integrator : Falcon
 Method file : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Cal Date : 22-Jan-1998 09:57 mt1

Calibration File Names:

Level 1: \Organic\SVOA\E1.I\980120F.B\E1A4342F.D
 Level 2: \Organic\SVOA\E1.I\980120F.B\E1A4343F.D
 Level 3: \Organic\SVOA\E1.I\980120F.B\E1A4344F.D
 Level 4: \Organic\SVOA\E1.I\980120F.B\E1A4345F.D
 Level 5: \Organic\SVOA\E1.I\980120F.B\E1A4346F.D

| Compound | 0.2000 | | | | | Coefficients | | | | | RSD or R ² |
|----------------------------|---------|---------|---------|---------|---------|--------------|-------------|---------|------------|----|--------------------------|
| | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 10 | Curve | b | m1 | m2 | |
| 3 2,4,4'-Trichlorobiphenyl | 32156 | 59625 | 108585 | 233814 | 411340 | QUAD | 0.0000e+000 | 0.00002 | 1.858e-011 | | 0.99983 |
| 4 Hexachlorobiphenyl | 53503 | 99699 | 183160 | 395305 | 700757 | QUAD | 0.0000e+000 | 0.00001 | 6.074e-012 | | 0.99982 |
| 5 Aroclor-1016(1) | 2580 | 2642 | 2574 | 2443 | 2269 | AVRG | | 2502 | | | 5.94270 |
| (2) | 5720 | 5415 | 5083 | 4627 | 4225 | AVRG | | 5014 | | | 11.95254 |
| (3) | 3650 | 3749 | 3670 | 3508 | 3300 | AVRG | | 3575 | | | 4.94606 |
| 6 Aroclor-1221(1) | 1453 | 1386 | 1314 | 1173 | 1083 | AVRG | | 1282 | | | 11.84317 |
| (2) | 1140 | 1161 | 1180 | 1171 | 1147 | AVRG | | 1160 | | | 1.41507 |
| (3) | 3728 | 3669 | 3544 | 3266 | 3057 | AVRG | | 3453 | | | 8.21854 |
| 7 Aroclor-1232(1) | 3080 | 3054 | 2943 | 2735 | 2565 | AVRG | | 2875 | | | 7.66697 |
| (2) | 2265 | 2226 | 2126 | 1947 | 1835 | AVRG | | 2080 | | | 8.84314 |
| (3) | 3705 | 3890 | 3861 | 3726 | 3591 | AVRG | | 3755 | | | 3.25591 |

Report Date : 30-Jan-1998 10:13

Thru-Put Systems, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-JAN-1998 22:19
 End Cal Date : 20-JAN-1998 18:26
 Quant Method : ESTD
 Origin : Included
 Target Version : 3.40
 Integrator : Falcon
 Method file : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Cal Date : 22-Jan-1998 09:57 mt1

| Compound | 0.2000 | | 1 | 2 | 3 | 4 | 5 | 10 | Coefficients | | %RSD or R^2 |
|---------------------|---------|---------|------|------|------|------|------|----|--------------|----------|----------------|
| | Level 1 | Level 2 | | | | | | | b | m2 | |
| 8 Aroclor-1242 (1) | 2210 | 2246 | 2210 | 2051 | 1946 | AVRG | 2133 | | | 6.03958 | |
| (2) | 4120 | 3894 | 3731 | 3355 | 3098 | AVRG | 3640 | | | 11.31623 | |
| (3) | 7015 | 7260 | 7211 | 6742 | 6392 | AVRG | 6924 | | | 5.20610 | |
| (4) | 2635 | 2706 | 2667 | 2523 | 2414 | AVRG | 2589 | | | 4.60433 | |
| (5) | 1865 | 2002 | 2085 | 2112 | 2115 | AVRG | 2036 | | | 5.19931 | |
| 9 Aroclor-1248 (1) | 4470 | 4645 | 4701 | 4559 | 4254 | AVRG | 4526 | | | 3.87133 | |
| (2) | 6470 | 5962 | 5631 | 5138 | 4638 | AVRG | 5568 | | | 12.76838 | |
| (3) | 4725 | 4699 | 4605 | 4349 | 4023 | AVRG | 4480 | | | 6.59477 | |
| 10 Aroclor-1254 (1) | 6210 | 6024 | 5117 | 5362 | 5052 | AVRG | 5553 | | | 9.58037 | |
| (2) | 5645 | 5360 | 5117 | 4663 | 4366 | AVRG | 5030 | | | 10.28221 | |
| (3) | 7160 | 7287 | 7239 | 6931 | 6601 | AVRG | 7043 | | | 4.01533 | |
| (4) | 4860 | 4923 | 4847 | 4716 | 4520 | AVRG | 4773 | | | 3.35542 | |
| (5) | 2950 | 2909 | 2789 | 2688 | 2564 | AVRG | 2780 | | | 5.71377 | |
| 11 Aroclor-1260 (1) | 4585 | 4540 | 4477 | 4396 | 4261 | AVRG | 4452 | | | 2.87950 | |
| (2) | 8810 | 9149 | 9107 | 8846 | 8430 | AVRG | 8868 | | | 3.24623 | |
| (3) | 6065 | 6478 | 6486 | 6478 | 6316 | AVRG | 6364 | | | 2.86009 | |

Report Date : 30-Jan-1998 10:13

Thru-Put Systems, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-JAN-1998 22:19
 End Cal Date : 20-JAN-1998 18:26
 Quant Method : ESTD
 Origin : Included
 Target Version : 3.40
 Integrator : Falcon
 Method file : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Cal Date : 22-Jan-1998 09:57 mtl

| Compound | 0.2000 | | 1 | | 2 | | 5 | | 10 | | Coefficients | | RSD or R^2 |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|--------------|--------|---------------|
| | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 | Level 8 | Level 9 | Level 10 | b | m1 | |
| \$ 1 Tetrachloro-m-xylene | 82750 | 96850 | 107075 | 123880 | 128930 | 128930 | 128930 | 128930 | 128930 | 128930 | 128930 | 107897 | 17.66373 |
| \$ 2 Decachlorobiphenyl | 114000 | 116300 | 113350 | 110480 | 104990 | 104990 | 104990 | 104990 | 104990 | 104990 | 104990 | 111824 | 3.88794 |

| Curve | Formula | Units |
|----------|-----------------------------|----------|
| Averaged | Amt = Rep/ml | Response |
| Quad | Amt = b + m1*Rep + m2*Rep^2 | Response |

Report Date : 30-Jan-1998 10:13

Thru-Put Systems, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-JAN-1998 22:19
 End Cal Date : 20-JAN-1998 18:26
 Quant Method : ESTD
 Origin : Included
 Target Version : 3.40
 Integrator : Falcon
 Method file : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Cal Date : 22-Jan-1998 09:56 mt1

Calibration File Names:

- Level 1: \Organic\SVOA\E1.I\980120R.B\E1A4342R.D
- Level 2: \Organic\SVOA\E1.I\980120R.B\E1A4343R.D
- Level 3: \Organic\SVOA\E1.I\980120R.B\E1A4344R.D
- Level 4: \Organic\SVOA\E1.I\980120R.B\E1A4345R.D
- Level 5: \Organic\SVOA\E1.I\980120R.B\E1A4346R.D

| Compound | 0.2000 | | | | | Coefficients | | | | | RSD or R ² |
|----------------------------|---------|---------|---------|---------|---------|--------------|------------|------------|------------|----------|--------------------------|
| | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Curve | b | ml | m2 | | |
| 3 2,4,4'-Trichlorobiphenyl | 61091 | 114725 | 212678 | 480110 | 870364 | QUAD | 0.000e+000 | 8.834e-006 | 3.069e-012 | 0.99991 | |
| 4 Hexachlorobiphenyl | 99473 | 190460 | 360687 | 826302 | 1553052 | QUAD | 0.000e+000 | 5.426e-006 | 6.584e-013 | 0.99987 | |
| 5 Aroclor-1016 (1) | 5490 | 5240 | 4942 | 4546 | 4165 | AVRG | | 4877 | | 10.88858 | |
| (2) | 12525 | 11172 | 10241 | 9070 | 8185 | AVRG | | 10239 | | 16.69228 | |
| (3) | 18770 | 18834 | 17761 | 16579 | 15429 | AVRG | | 17475 | | 8.38811 | |
| 6 Aroclor-1221 (1) | 2878 | 2669 | 2502 | 2219 | 2011 | AVRG | | 2456 | | 14.09486 | |
| (2) | 2638 | 2641 | 2581 | 2502 | 2407 | AVRG | | 2554 | | 3.89128 | |
| (3) | 7478 | 7075 | 6700 | 6010 | 5512 | AVRG | | 6555 | | 12.12810 | |
| 7 Aroclor-1232 (1) | 6570 | 5994 | 5673 | 5154 | 4740 | AVRG | | 5626 | | 12.68370 | |
| (2) | 5385 | 5058 | 4760 | 4292 | 3932 | AVRG | | 4685 | | 12.42743 | |
| (3) | 7785 | 7719 | 7588 | 7381 | 6979 | AVRG | | 7490 | | 4.33434 | |

Report Date : 30-Jan-1998 10:13

Thru-Put Systems, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-JAN-1998 22:19
 End Cal Date : 20-JAN-1998 18:26
 Quant Method : ESTD
 Origin : Included
 Target Version : 3.40
 Integrator : Falcon
 Method file : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Cal Date : 22-Jan-1998 09:56 mtl

| Compound | 0.2000 | | | | | | | | | | Coefficients | | %RSD or R^2 |
|---------------------|---------|---------|---------|---------|---------|----------|-------|----------|----|----|--------------|--|----------------|
| | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 10 | Curve | b | m1 | m2 | | | |
| 8 Aroclor-1242 (1) | 4730 | 4526 | 4359 | 3986 | 3709 | AVRG | 4262 | 9.68083 | | | | | |
| (2) | 9275 | 8449 | 7855 | 7002 | 6400 | AVRG | 7796 | 14.62229 | | | | | |
| (3) | 14215 | 13984 | 13946 | 12937 | 11832 | AVRG | 13383 | 7.44922 | | | | | |
| (4) | 5745 | 5394 | 5303 | 4960 | 4663 | AVRG | 5213 | 7.97177 | | | | | |
| (5) | 3715 | 3761 | 3856 | 3913 | 3888 | AVRG | 3826 | 2.21891 | | | | | |
| 9 Aroclor-1248 (1) | 10020 | 9741 | 9314 | 8949 | 8206 | AVRG | 9246 | 7.68477 | | | | | |
| (2) | 3645 | 3612 | 3294 | 3291 | 2953 | AVRG | 3359 | 8.42089 | | | | | |
| (3) | 7620 | 7892 | 8101 | 8228 | 7657 | AVRG | 7899 | 3.38131 | | | | | |
| 10 Aroclor-1254 (1) | 11345 | 10570 | 10013 | 9095 | 8432 | AVRG | 9891 | 11.69565 | | | | | |
| (2) | 13120 | 12092 | 11451 | 10246 | 9442 | AVRG | 11270 | 12.95049 | | | | | |
| (3) | 7590 | 7684 | 7681 | 7373 | 7080 | AVRG | 7482 | 3.44292 | | | | | |
| (4) | 11760 | 11600 | 11393 | 10638 | 10059 | AVRG | 11090 | 6.48270 | | | | | |
| (5) | 7105 | 6879 | 6636 | 6063 | 5747 | AVRG | 6486 | 8.73926 | | | | | |
| 11 Aroclor-1260 (1) | 9110 | 8888 | 8614 | 8226 | 7887 | AVRG | 8545 | 5.78328 | | | | | |
| (2) | 22915 | 22799 | 22234 | 21302 | 20614 | AVRG | 21973 | 4.51295 | | | | | |
| (3) | 11055 | 11235 | 11137 | 10935 | 10617 | AVRG | 10996 | 2.17259 | | | | | |

Report Date : 30-Jan-1998 10:13

Thru-Put Systems, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 13-JAN-1998 22:19
 End Cal Date : 20-JAN-1998 18:26
 Quant Method : ESTD
 Origin : Included
 Target Version : 3.40
 Integrator : Falcon
 Method file : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Cal Date : 22-Jan-1998 09:56 mtl

| Compound | 0.2000 | | 1 | | 2 | | 5 | | 10 | | Coefficients | | %RSD or R^2 |
|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|--------------|--------|----------------|
| | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 | Level 8 | Level 9 | Level 10 | b | m1 | |
| \$ 1 Tetrachloro-m-xylene | 200000 | 217000 | 228875 | 247210 | 247565 | 247565 | 247565 | 247565 | 247565 | 247565 | 247565 | 228130 | 8.92306 |
| \$ 2 Decachlorobiphenyl | 200500 | 195150 | 189200 | 182690 | 176100 | 176100 | 176100 | 176100 | 176100 | 176100 | 176100 | 188728 | 5.13700 |

| Curve | Formula | Units |
|----------|-----------------------------|----------|
| Averaged | Amt = Resp/ml | Response |
| Quad | Amt = b + m1*Rep + m2*Rep^2 | Response |

Data File: /Organic/SV0A/E1.I/980120F.B/E1A4342F.D

Date: 20-JAN-1998 16:34

Client ID: CONGAL

Sample Info: CONGAL, CONGAL, cog.sub

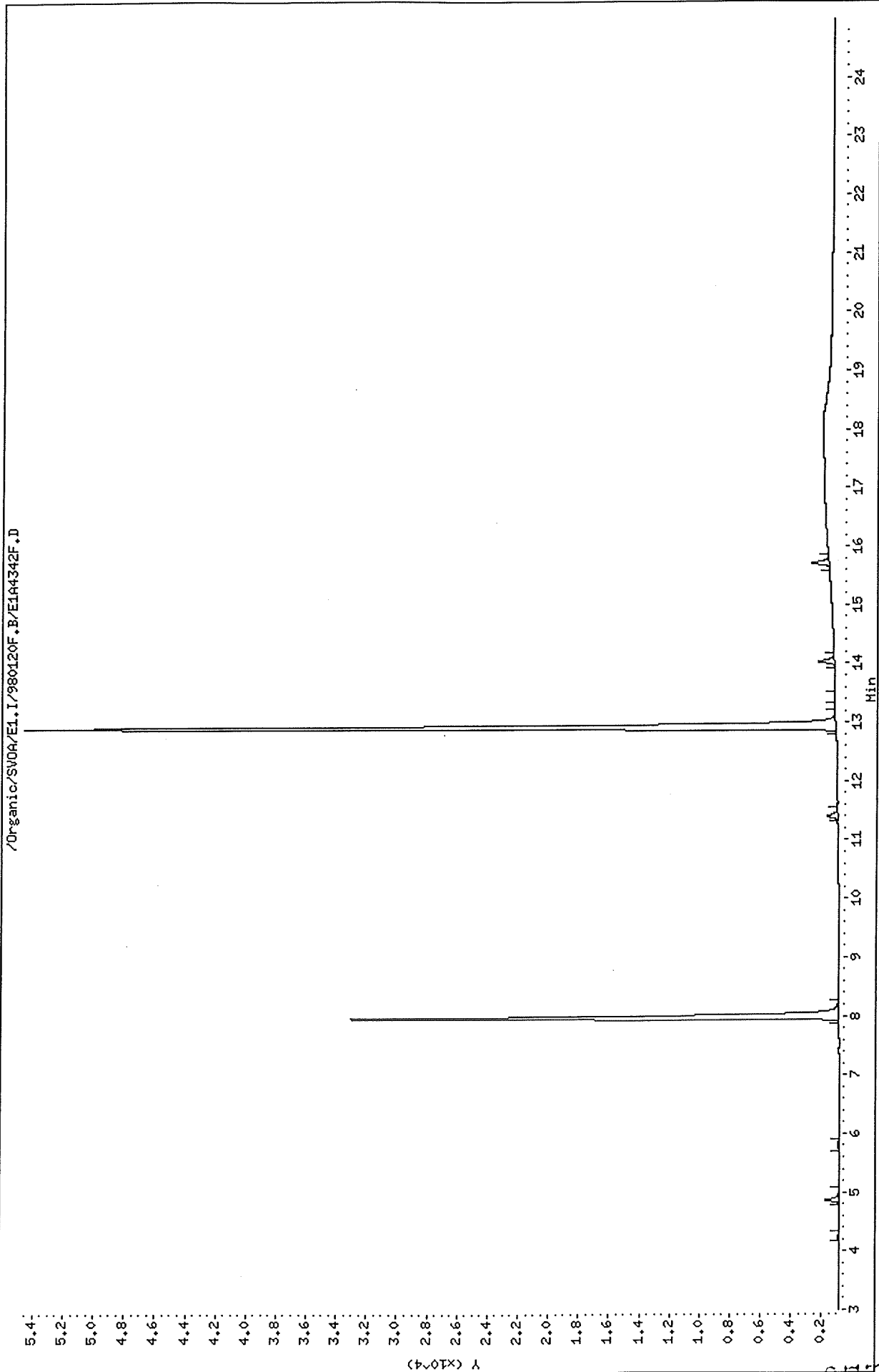
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: EI.1

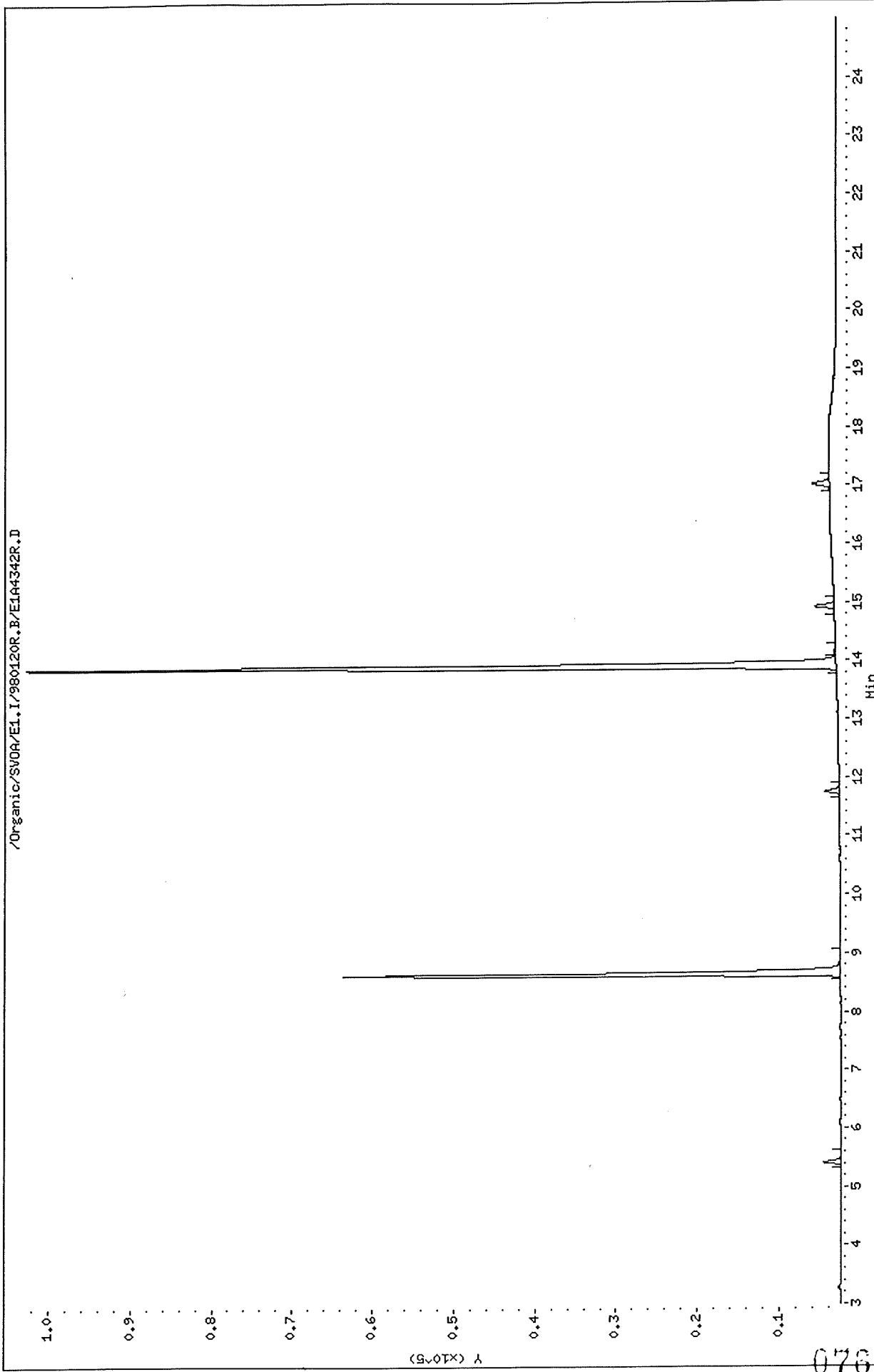
Operator: sph

Column diameter: 0.53



Data File: /Organic/SU0A/E1.I/980120R.B/E1A4342R.D
Date : 20-JAN-1998 16:34
Client ID: CONGA1
Sample Info: CONGA1,CONGA1.cog.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

8080 PCB Quantitation Report

Data file : \Organic\SVOA\E1.I\980120F.B\E1A4342F.D
 Lab Smp Id: CONGA1 Client Smp ID: CONGA1
 Inj Date : 20-JAN-1998 16:34
 Operator : sph Inst ID: E1.i
 Smp Info : CONGA1, CONGA1, cog.sub
 Misc Info : ,1
 Comment :
 Method : \Organic\SVOA\E1.I\980120F.B\E1_PCB_F.M
 Meth Date : 21-Jan-1998 14:21 mtl Quant Type: ESTD
 Cal Date : 20-JAN-1998 16:34 Cal File: E1A4342F.D
 Als bottle: 1 Calibration Sample, Level: 1
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: cogonly.sub
 Target Version: 3.40
 Processing Host: TARGET4

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| AMOUNTS | | | | | | |
|---------|--------|--------|----------------|---------------|--------------|--------------------|
| RT | EXP RT | DLT RT | RESPONSE (ng) | CAL-AMT (ng) | ON-COL (ng) | TARGET RANGE RATIO |
| 7.980 | 7.970 | 0.010 | 32156 | 0.50000 | 0.20 | (a) |
| 12.910 | 12.903 | 0.007 | 53503 | 0.50000 | 0.20 | (a) |

QC Flag Legend

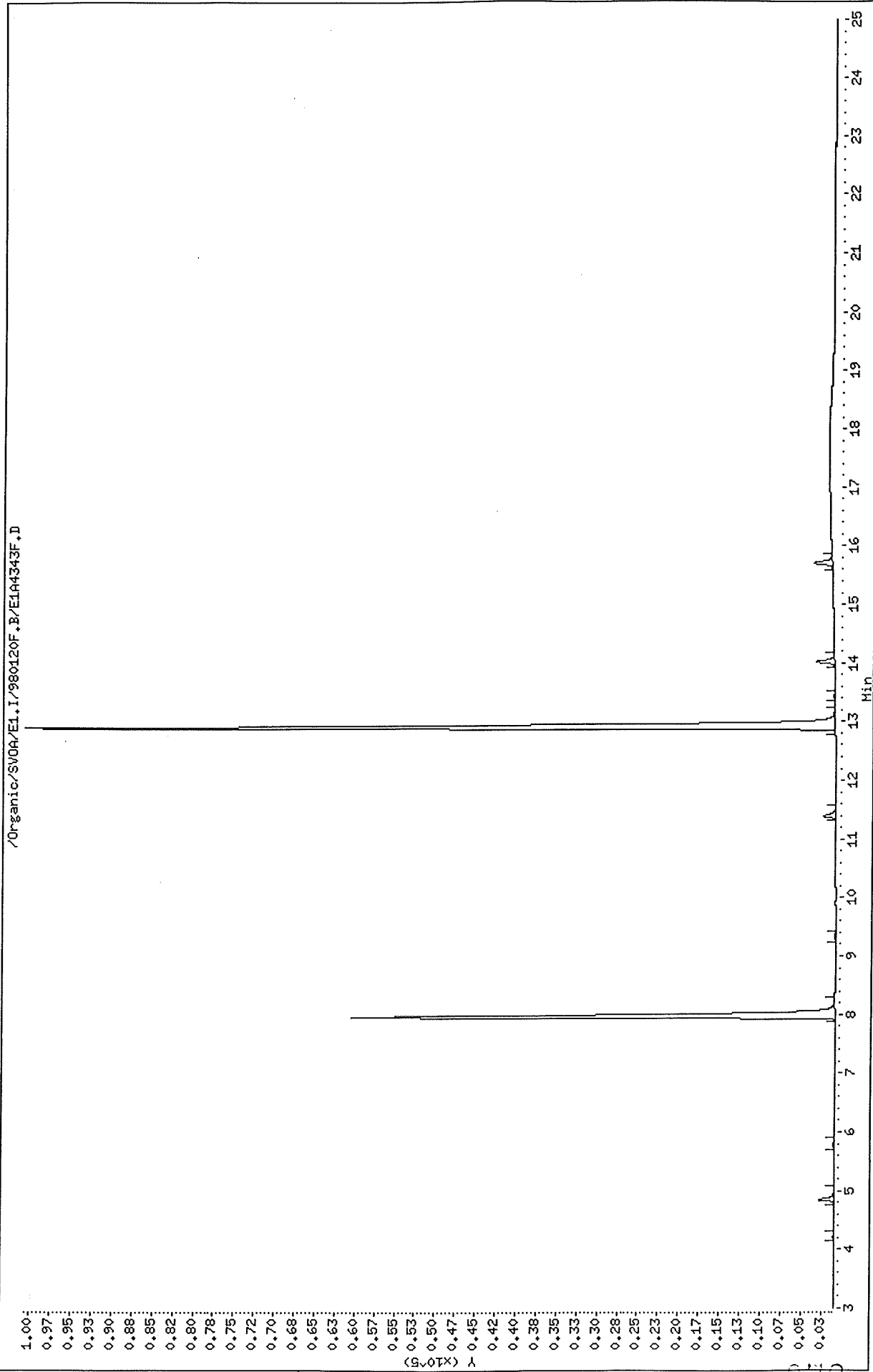
a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation (BLOQ).

OL

1/30/98

Data File: /Organic/SV0A/E1.I/980120F.B/E1A4343F.D
Date : 20-JAN-1998 17:02
Client ID: CONGA2
Sample Info: CONGA2,CONGA2,cog.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980120R.B/E1A4343R.D

Date: 20-JAN-1998 17:02

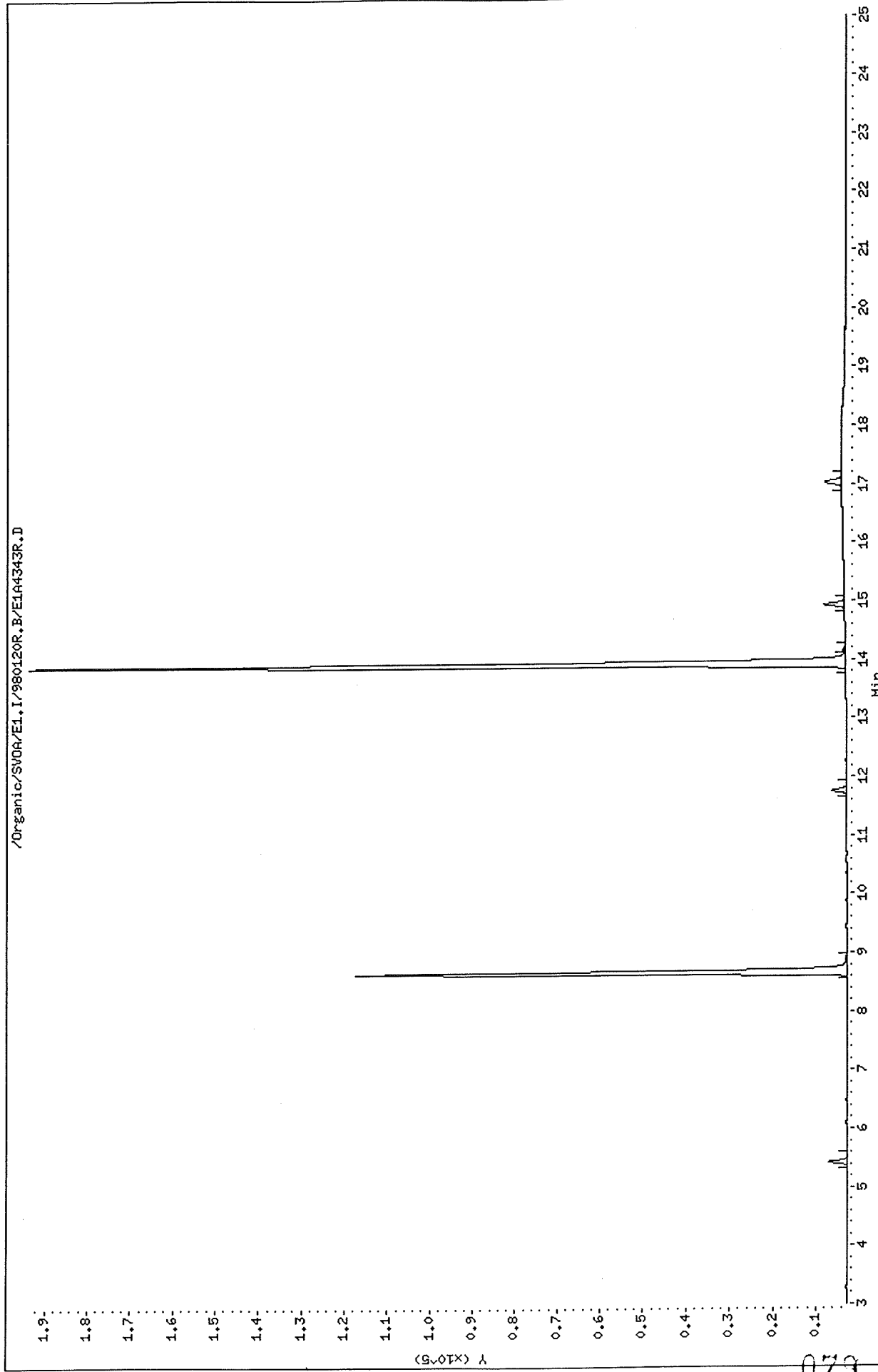
Client ID: CONGA2

Sample Info: CONGA2,CONGA2,cog.sub

Volume Injected (uL): 2.0

Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

8080 PCB Quantitation Report

Data file : \Organic\SVOA\E1.I\980120F.B\E1A4343F.D
 Lab Smp Id: CONGA2 Client Smp ID: CONGA2
 Inj Date : 20-JAN-1998 17:02
 Operator : sph Inst ID: E1.i
 Smp Info : CONGA2, CONGA2, cog.sub
 Misc Info : ,2
 Comment :
 Method : \Organic\SVOA\E1.I\980120F.B\E1_PCB_F.M
 Meth Date : 21-Jan-1998 14:21 mtl Quant Type: ESTD
 Cal Date : 20-JAN-1998 17:02 Cal File: E1A4343F.D
 Als bottle: 1 Calibration Sample, Level: 2
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: cogonly.sub
 Target Version: 3.40
 Processing Host: TARGET4

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

AMOUNTS

| RT | EXP RT | DLT RT | CAL-AMT RESPONSE (ng) | ON-COL (ng) | TARGET RANGE | RATIO |
|--------|--------------------|--------------------|---------------------------|-----------------|--------------|-------|
| 3 | 2,4,4' | -Trichlorobiphenyl | | CAS #: | | |
| 7.970 | 7.970 | 0.000 | 59625 1.00000 | 0.54 | | (a) |
| 4 | Hexachlorobiphenyl | | | CAS #: | | |
| 12.907 | 12.903 | 0.004 | 99699 1.00000 | 0.54 | | (a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

GL

1/30/98

Data File: /Organic/SV00A/E1.I/980120F.B/E1A4344F.D

Date: 20-JAN-1998 17:30

Client ID: CONGA3

Sample Info: CONGA3,CONGA3,00g.sub

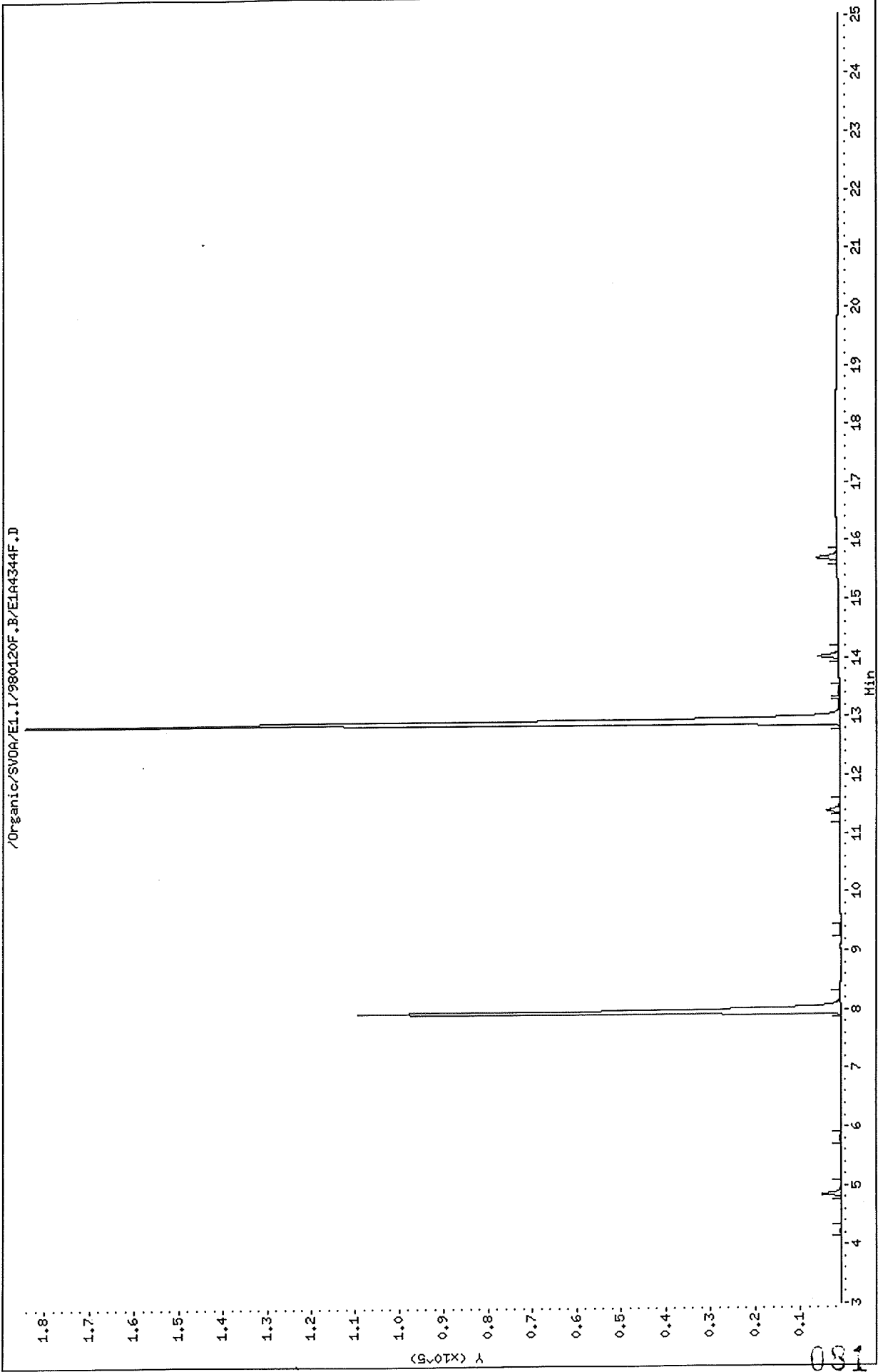
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.1

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV00A/E1.1/980120R.B/E1A4344R.D

Date: 20-JAN-1998 17:30

Client ID: CONGA3

Sample Info: CONGA3, CONGA3, cog.sub

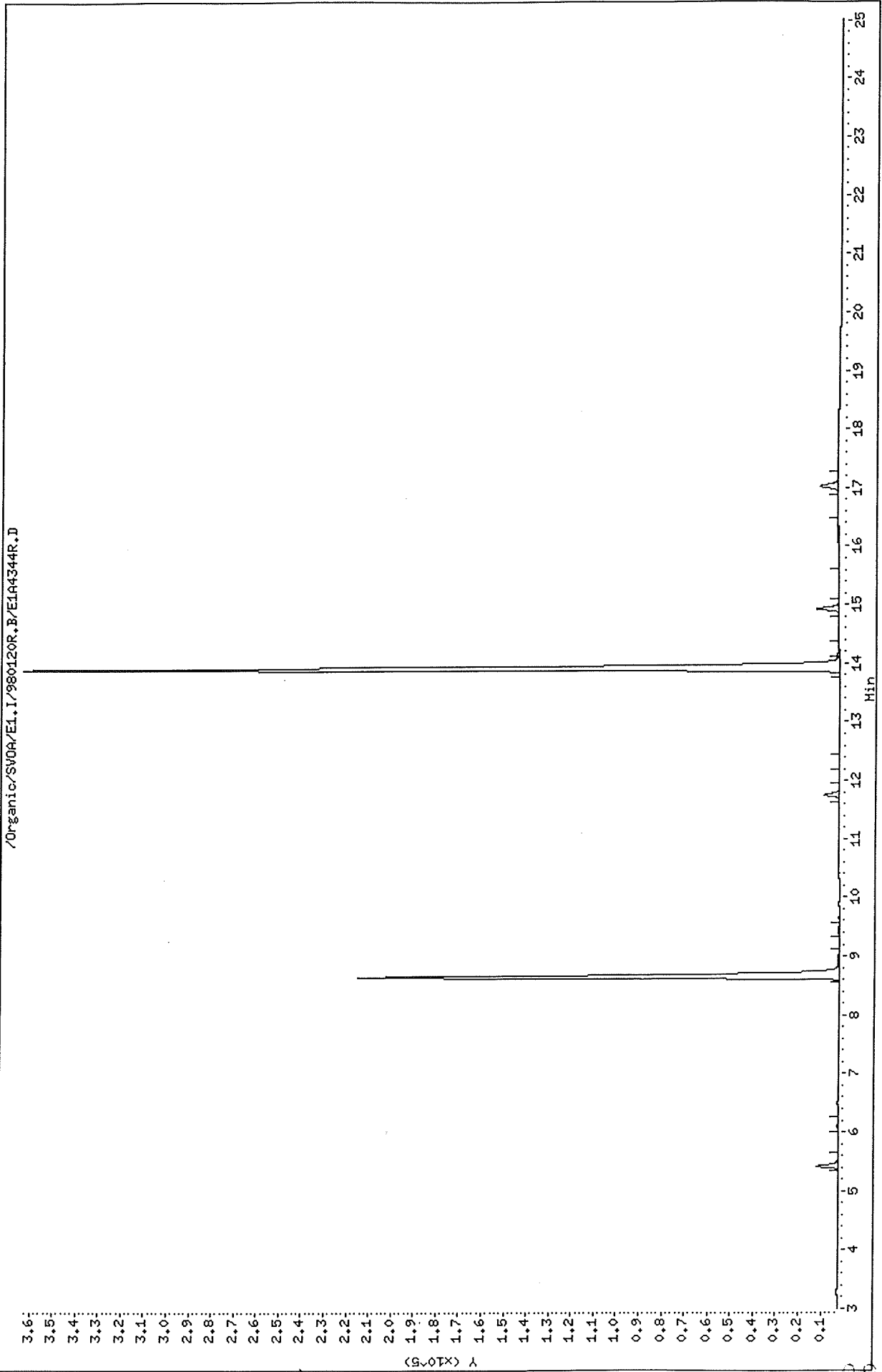
Volume Injected (µL): 2.0

Column phase: DB-608

Instrument: E1.1

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

8080 PCB Quantitation Report

Data file : \Organic\SVOA\E1.I\980120F.B\E1A4344F.D
 Lab Smp Id: CONGA3 Client Smp ID: CONGA3
 Inj Date : 20-JAN-1998 17:30
 Operator : sph Inst ID: E1.i
 Smp Info : CONGA3, CONGA3, cog.sub
 Misc Info : ,3
 Comment :
 Method : \Organic\SVOA\E1.I\980120F.B\E1_PCB_F.M
 Meth Date : 21-Jan-1998 14:21 mtl Quant Type: ESTD
 Cal Date : 20-JAN-1998 17:30 Cal File: E1A4344F.D
 Als bottle: 1 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: cogonly.sub
 Target Version: 3.40
 Processing Host: TARGET4

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| AMOUNTS | | | | | | |
|---------|--------------------------|--------|---------------------------|-----------------|--------------|-------|
| RT | EXP RT | DLT RT | CAL-AMT RESPONSE (ng) | ON-COL (ng) | TARGET RANGE | RATIO |
| 3 | 2,4,4'-Trichlorobiphenyl | | | | CAS #: | |
| 7.970 | 7.970 | 0.000 | 108585 | 2.00000 | 1.2 | |
| 4 | Hexachlorobiphenyl | | | | CAS #: | |
| 12.903 | 12.903 | 0.000 | 183160 | 2.00000 | 1.2 | |

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1/30/98

Data File: /Organic/SV00A/E1.I/980120F.B/E1A4345F.D

Date : 20-JAN-1998 17:58

Client ID: CONGA4

Sample Info: CONGA4,CONGA4,cog.sub

Volume Injected (uL): 2.0

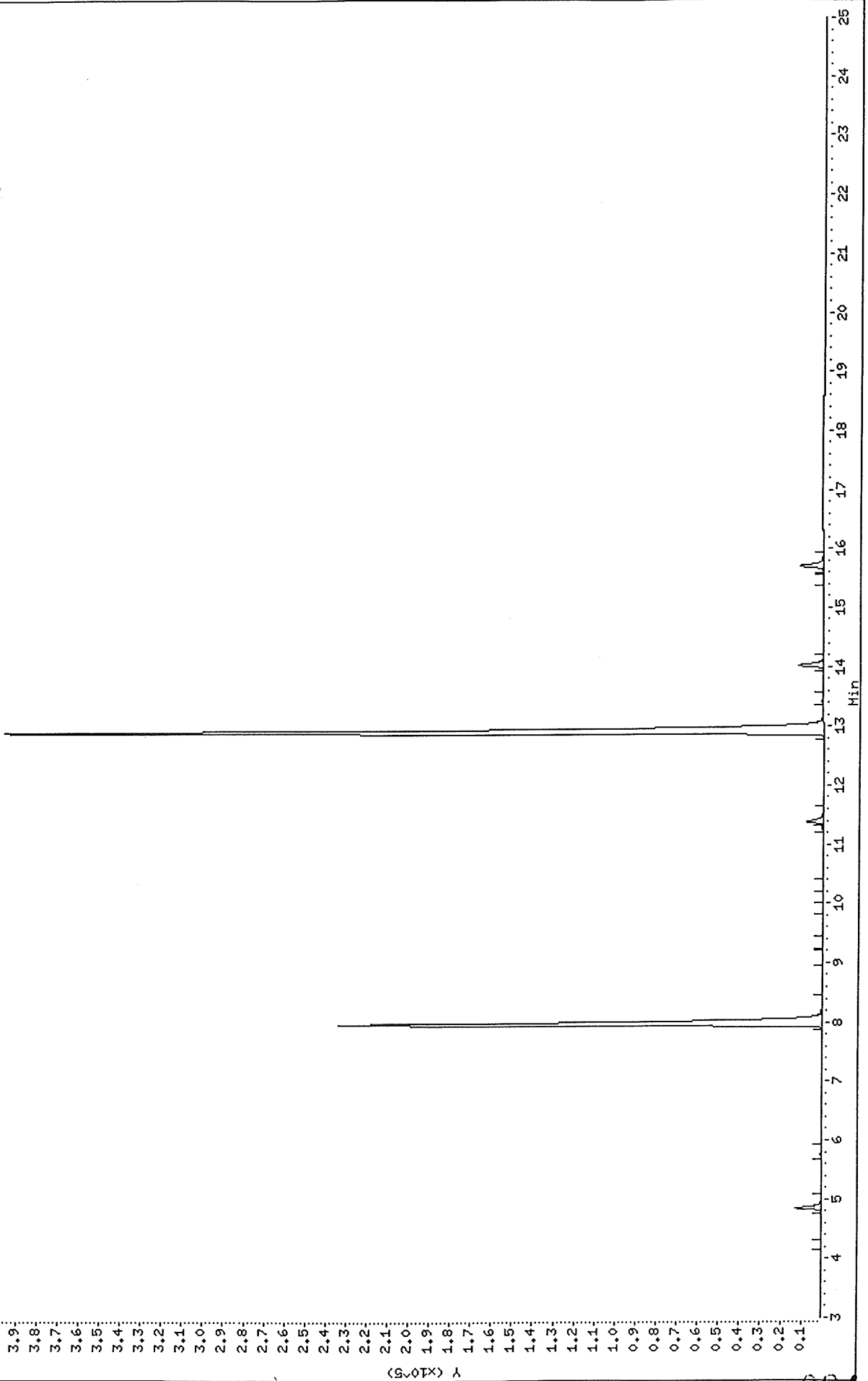
Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV00A/E1.I/980120F.B/E1A4345F.D



084

Data File: /Organic/SV04/E1.I/980120R,B/E1A4345R.D

Date: 20-JAN-1998 17:58

Client ID: CONGA4

Sample Info: CONGA4,CONGA4,cog.sub

Volume Injected (uL): 2.0

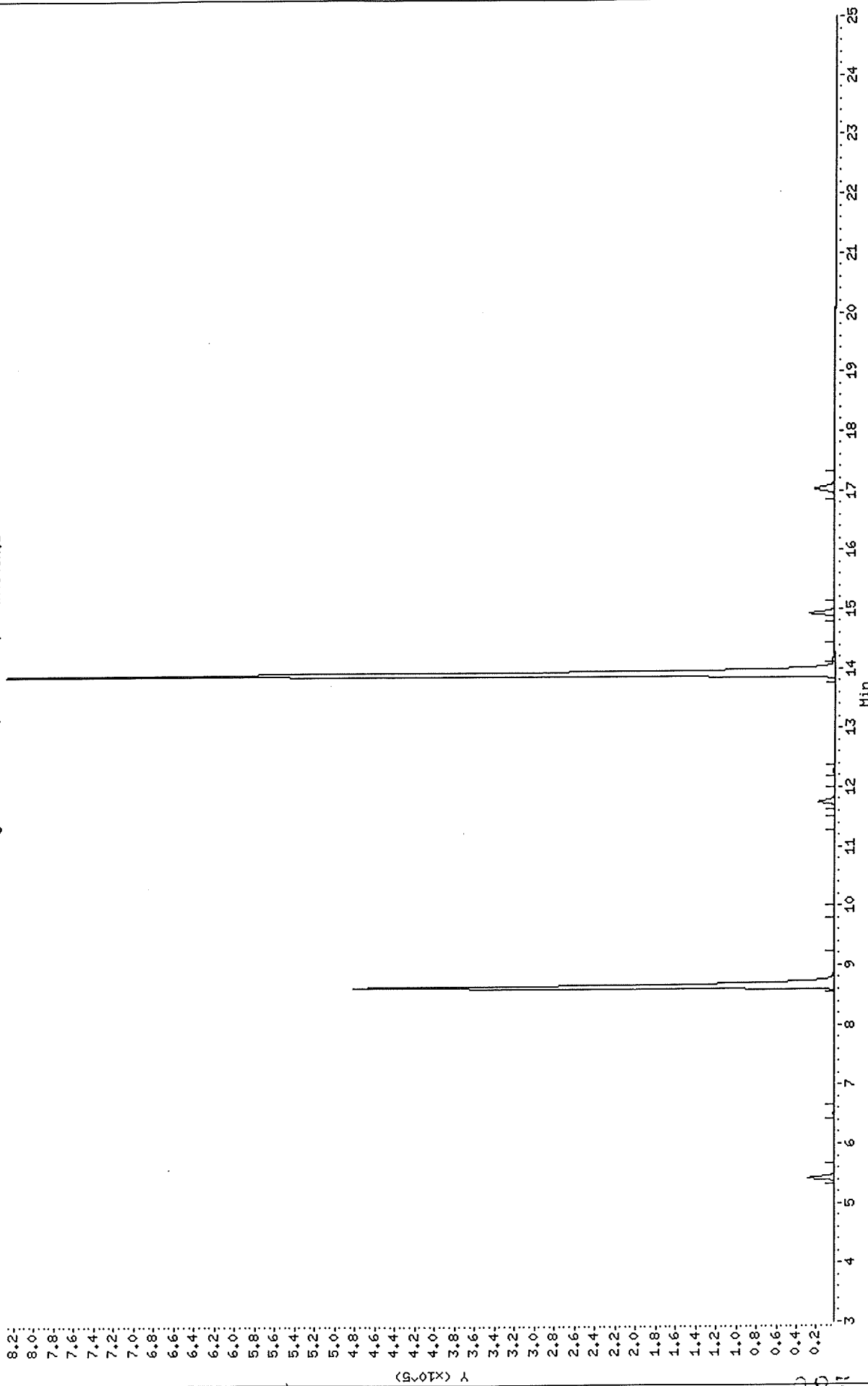
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV04/E1.I/980120R,B/E1A4345R.D



0351

Thru-Put Systems, Inc.

8080 PCB Quantitation Report

Data file : \Organic\SVOA\E1.I\980120F.B\E1A4345F.D
 Lab Smp Id: CONGA4 Client Smp ID: CONGA4
 Inj Date : 20-JAN-1998 17:58
 Operator : sph Inst ID: E1.i
 Smp Info : CONGA4, CONGA4, cog.sub
 Misc Info : ,4
 Comment :
 Method : \Organic\SVOA\E1.I\980120F.B\E1_PCB_F.M
 Meth Date : 21-Jan-1998 14:21 mtl Quant Type: ESTD
 Cal Date : 20-JAN-1998 17:58 Cal File: E1A4345F.D
 Als bottle: 1 Calibration Sample, Level: 4
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: cogonly.sub
 Target Version: 3.40
 Processing Host: TARGET4

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

AMOUNTS

| RT | EXP RT | DLT RT | CAL-AMT RESPONSE (ng) | ON-COL (ng) | TARGET RANGE | RATIO |
|--------|--------------------------|--------|---------------------------|-----------------|--------------|-------|
| 3 | 2,4,4'-Trichlorobiphenyl | | | | | |
| 7.970 | 7.970 | 0.000 | 233814 | 5.00000 | 2.9 | |
| 4 | Hexachlorobiphenyl | | | | | |
| 12.903 | 12.903 | 0.000 | 395305 | 5.00000 | 2.9 | |

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Data File: /Organic/SV00A/E1.I/980120F.B/E1A4346F.D

Date : 20-JAN-1998 18:26

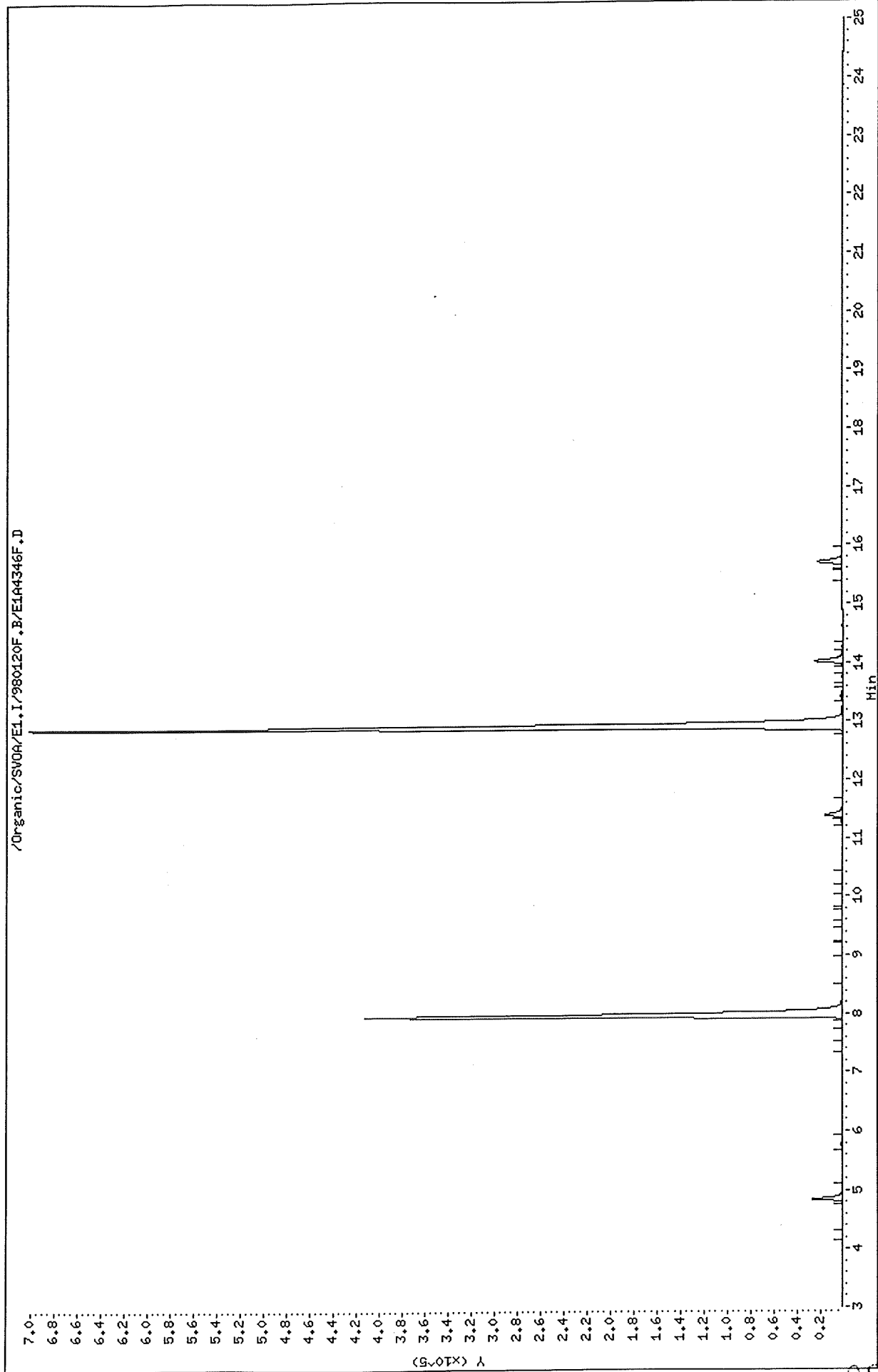
Client ID: CONGAS

Sample Info: CONGAS,CONGAS,cog.sub

Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980120R.B/E1A4346R.D

Date : 20-JAN-1998 18:26

Client ID: CONCAS

Sample Info: CONCAS,CONCAS,cog.sub

Volume Injected (uL): 2.0

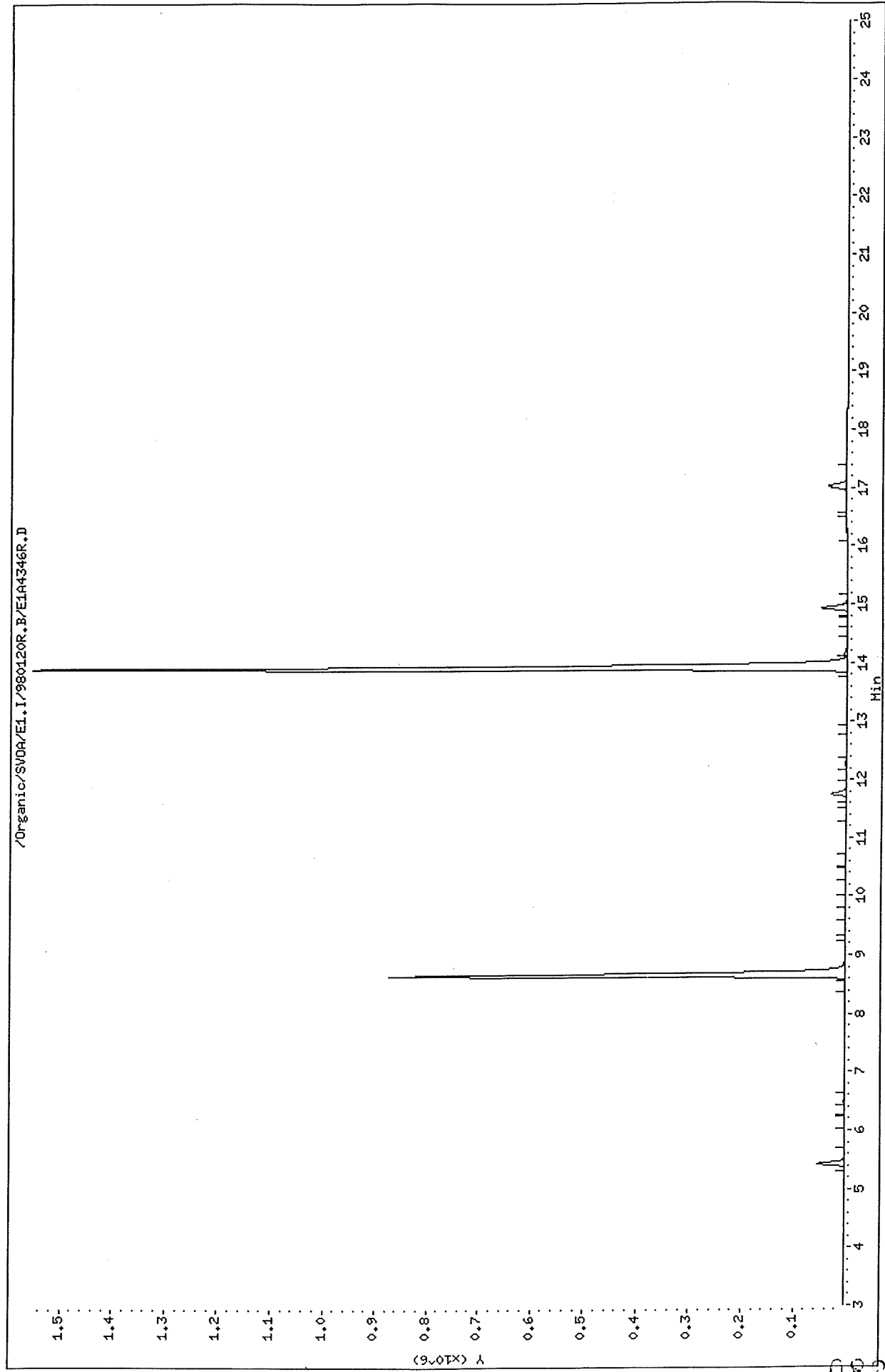
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV00A/E1.I/980120R.B/E1A4346R.D



Thru-Put Systems, Inc.

8080 PCB Quantitation Report

Data file : \Organic\SVOA\E1.I\980120F.B\E1A4346F.D
 Lab Smp Id: CONGA5 Client Smp ID: CONGA5
 Inj Date : 20-JAN-1998 18:26
 Operator : sph Inst ID: E1.i
 Smp Info : CONGA5, CONGA5, cog.sub
 Misc Info : ,4
 Comment :
 Method : \Organic\SVOA\E1.I\980120F.B\E1_PCB_F.M
 Meth Date : 21-Jan-1998 14:21 mtl Quant Type: ESTD
 Cal Date : 20-JAN-1998 18:26 Cal File: E1A4346F.D
 Als bottle: 1 Calibration Sample, Level: 5
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: cogonly.sub
 Target Version: 3.40
 Processing Host: TARGET4

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

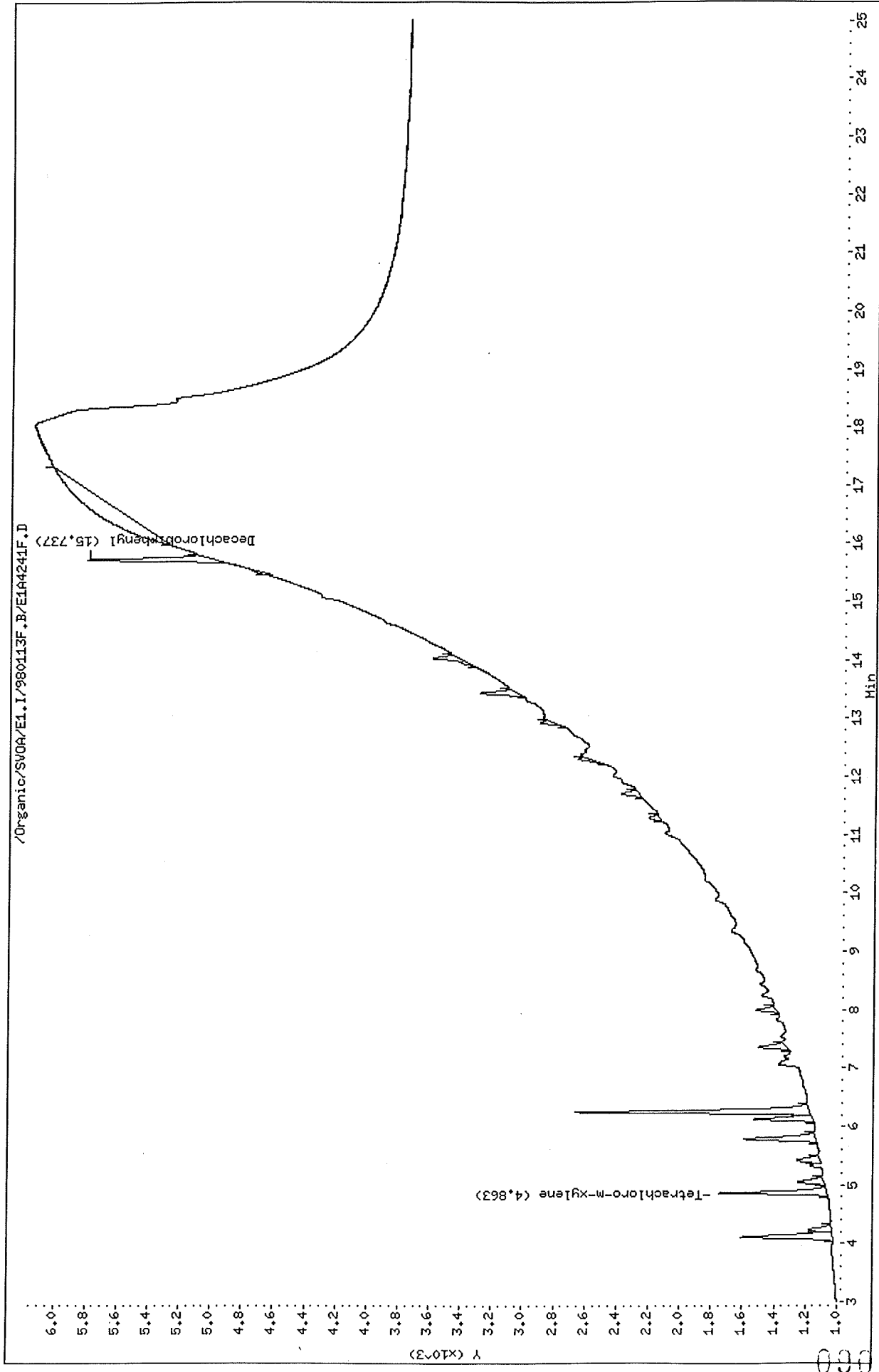
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| AMOUNTS | | | | | | |
|---------|--------------------------|--------|---------------------------|-----------------|--------------|-------|
| RT | EXP RT | DLT RT | CAL-AMT RESPONSE (ng) | ON-COL (ng) | TARGET RANGE | RATIO |
| ----- | | | | | | |
| 3 | 2,4,4'-Trichlorobiphenyl | | | CAS #: | | |
| 7.970 | 7.970 | 0.000 | 411340 | 10.0000 | 5.7 | |
| ----- | | | | | | |
| 4 | Hexachlorobiphenyl | | | CAS #: | | |
| 12.903 | 12.903 | 0.000 | 700757 | 10.0000 | 5.8 | |
| ----- | | | | | | |

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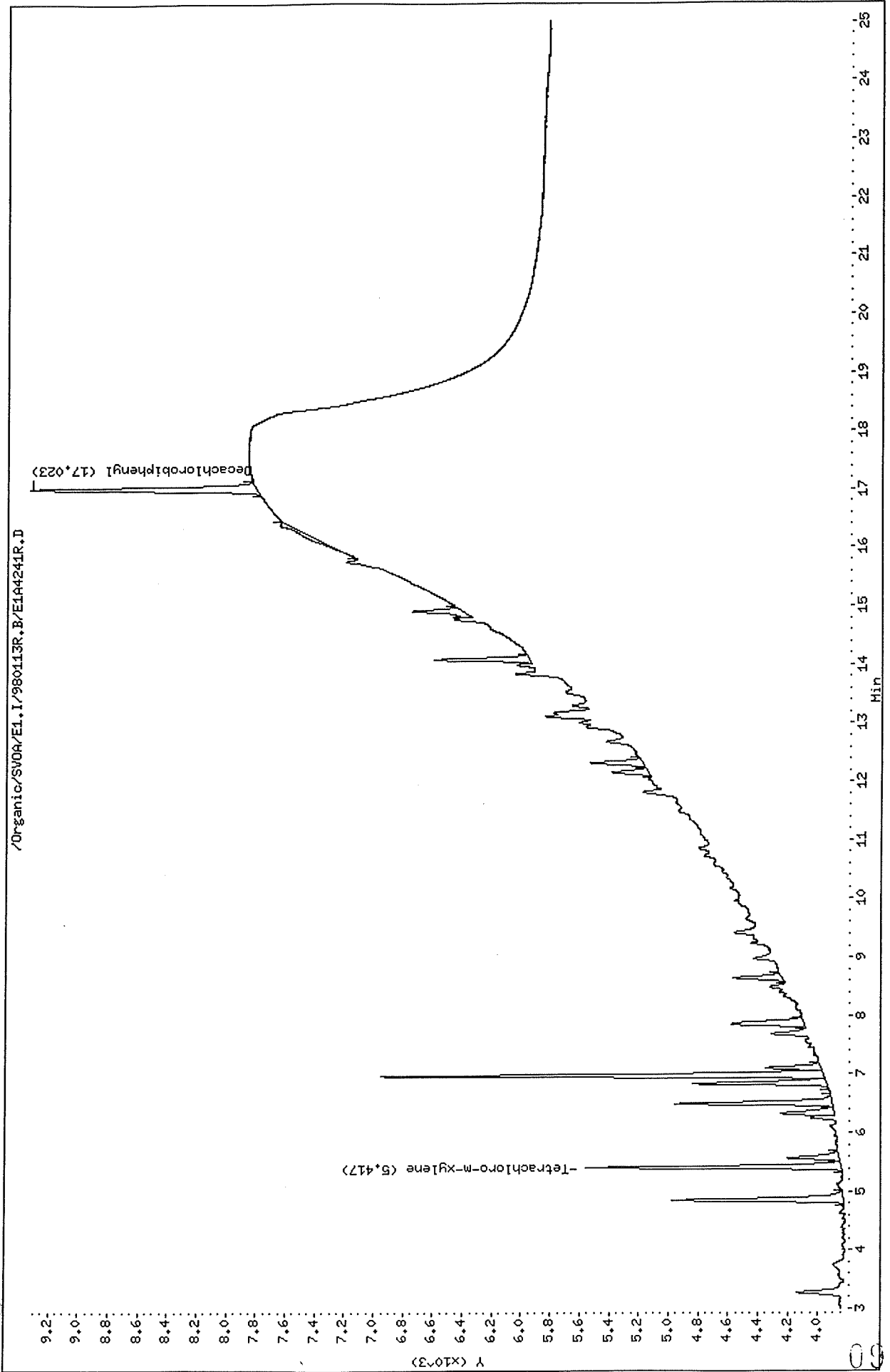
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4241F.D
Date : 13-JAN-1998 22:19
Client ID: AR1221A1
Sample Info: AR1221A1,AR1221A1,,ar1221.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4241R.D
Date: 13-JAN-1998 22:19
Client ID: AR1221A1
Sample Info: AR1221A1,AR1221A1,,ar1221.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4241F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4241R.D
 Inj Date : 13-JAN-1998 22:19
 Sample Info: AR1221A1,AR1221A1,,ar1221.sub
 Misc Info : ,1
 Cal Date : 15-JAN-1998 10:45
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1221.sub
 Sub List #2 : ar1221.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.863 | 5.417 | 686 | 1709 | 0.006 | 0.007 | | 100.00(a) |
| Aroclor-1221 | 4.110 | 4.853 | 581 | 1151 | 0.453 | 0.468 | 80.00- 120.00 | 100.00(a) |
| | 5.787 | 6.500 | 456 | 1055 | 0.393 | 0.413 | 69.76- 109.76 | 78.49(a) |
| | 6.253 | 6.980 | 1491 | 2991 | 0.431 | 0.456 | 249.67- 289.67 | 256.63(a) |
| | Average of Peak Amounts = | | | | | 0.425 | 0.445 | |
| Decachlorobiphenyl | 15.737 | 17.023 | 820 | 1531 | 0.007 | 0.008 | | 100.00(a) |

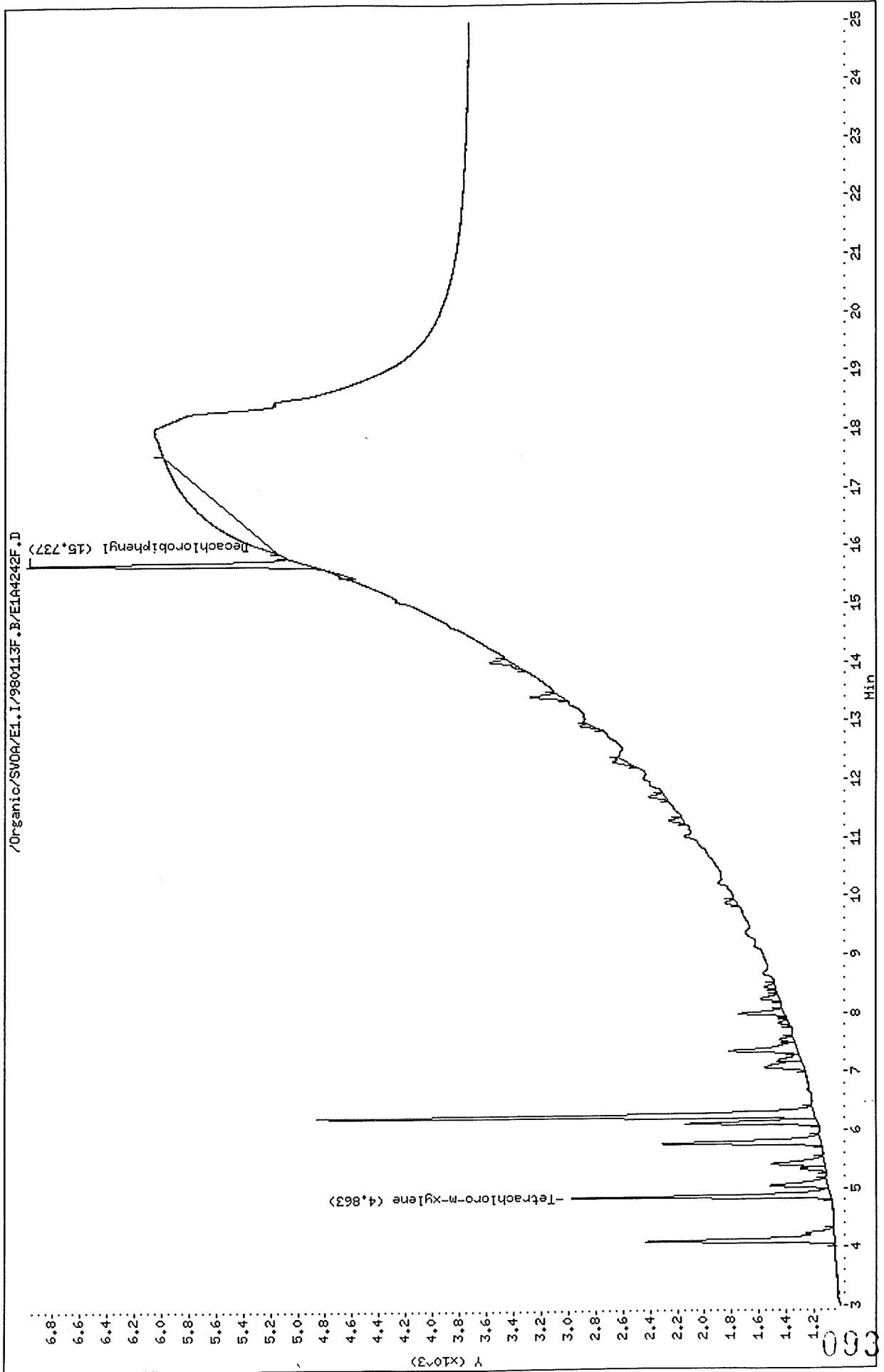
QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

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 1/30/98

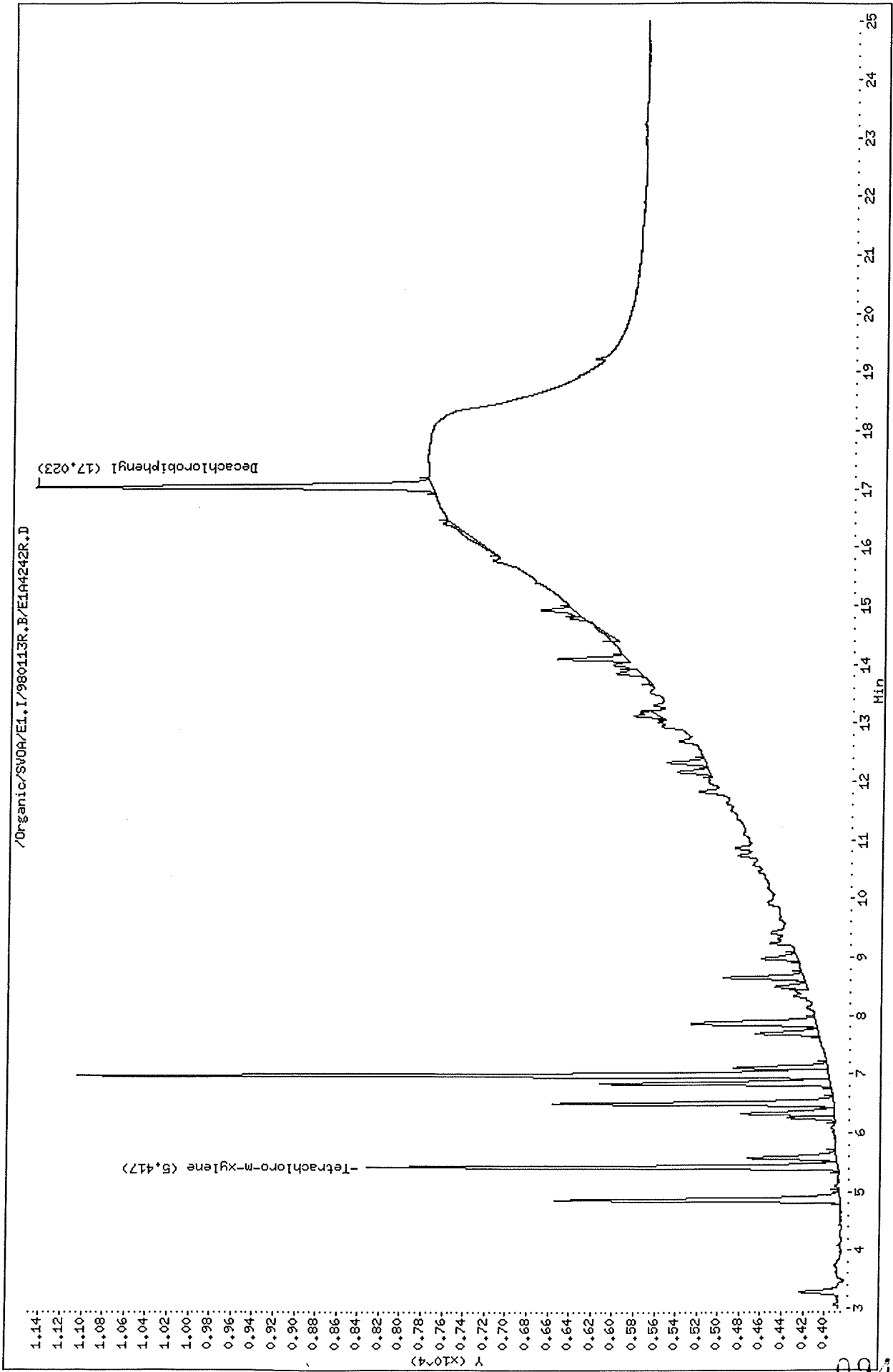
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4242F.D
Date : 13-JAN-1998 22:47
Client ID: AR1221A2
Sample Info: AR1221A2,AR1221A2,,ar1221.sub
Volume Injected (ul): 2.0
Column phase: DB-1701

Instrument: EI.1
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4242R.D
 Date: 13-JAN-1998 22:47
 Client ID: AR1221A2
 Sample Info: AR1221A2,AR1221A2,,ar1221.sub
 Volume Injected (uL): 2.0
 Column phase: DB-608

Instrument: E1.i
 Operator: sph
 Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4242F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4242R.D
 Inj Date : 13-JAN-1998 22:47
 Sample Info: AR1221A2,AR1221A2,,ar1221.sub
 Misc Info : ,2
 Cal Date : 15-JAN-1998 10:45
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1221.sub
 Sub List #2 : ar1221.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.863 | 5.417 | 1896 | 4438 | 0.017 | 0.019 | | 100.00(a) |
| Aroclor-1221 | 4.107 | 4.853 | 1386 | 2669 | 1.081 | 1.086 | 80.00- 120.00 | 100.00(aM) |
| | 5.783 | 6.500 | 1161 | 2641 | 1.001 | 1.034 | 69.76- 109.76 | 83.77(aM) |
| | 6.250 | 6.977 | 3669 | 7075 | 1.062 | 1.079 | 249.67- 289.67 | 264.72(aM) |
| | Average of Peak Amounts = | | | | 1.048 | 1.066 | | |
| Decachlorobiphenyl | 15.737 | 17.023 | 2056 | 3738 | 0.018 | 0.019 | | 100.00(a) |

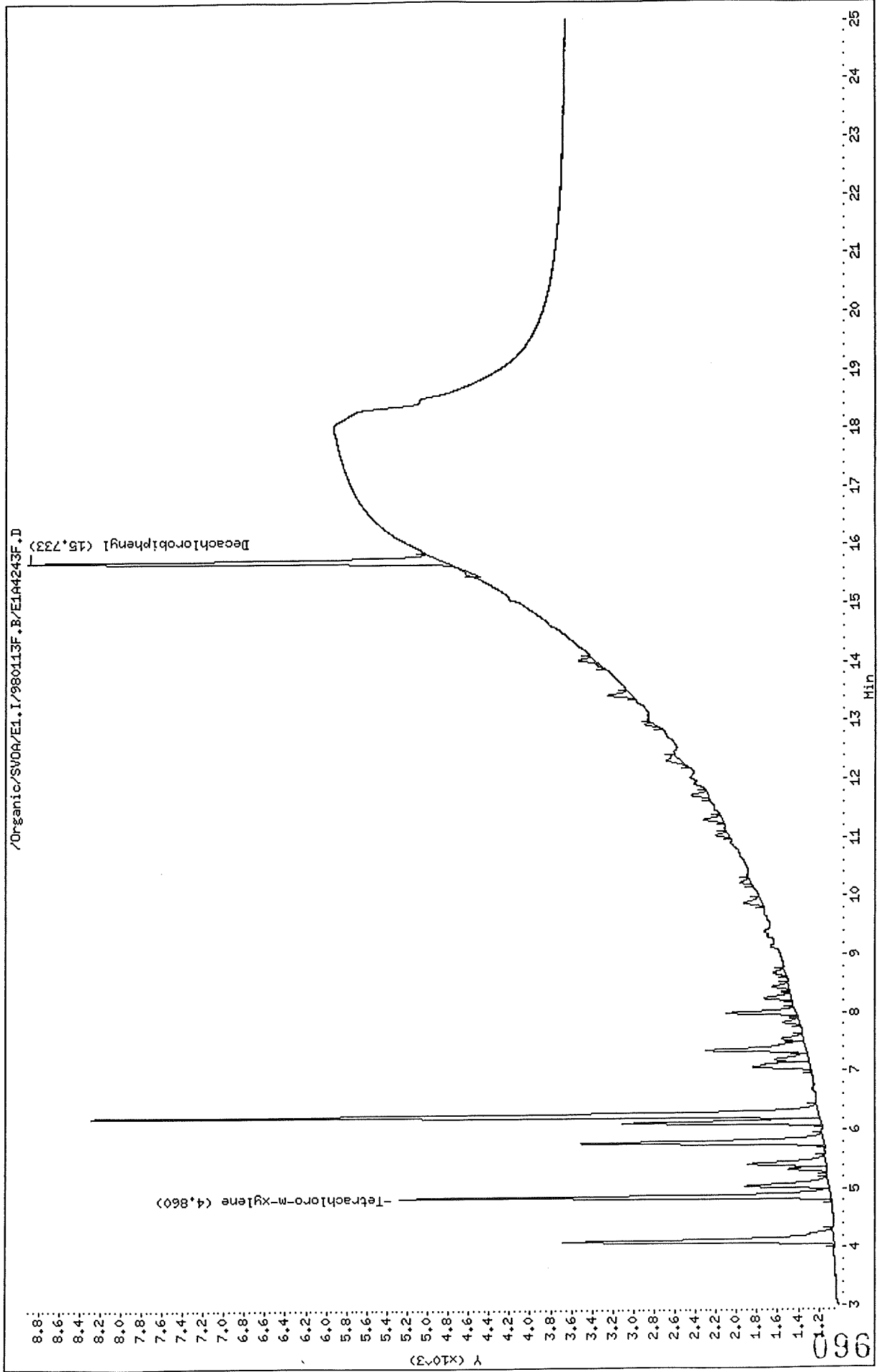
QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

GL
 1/3-198

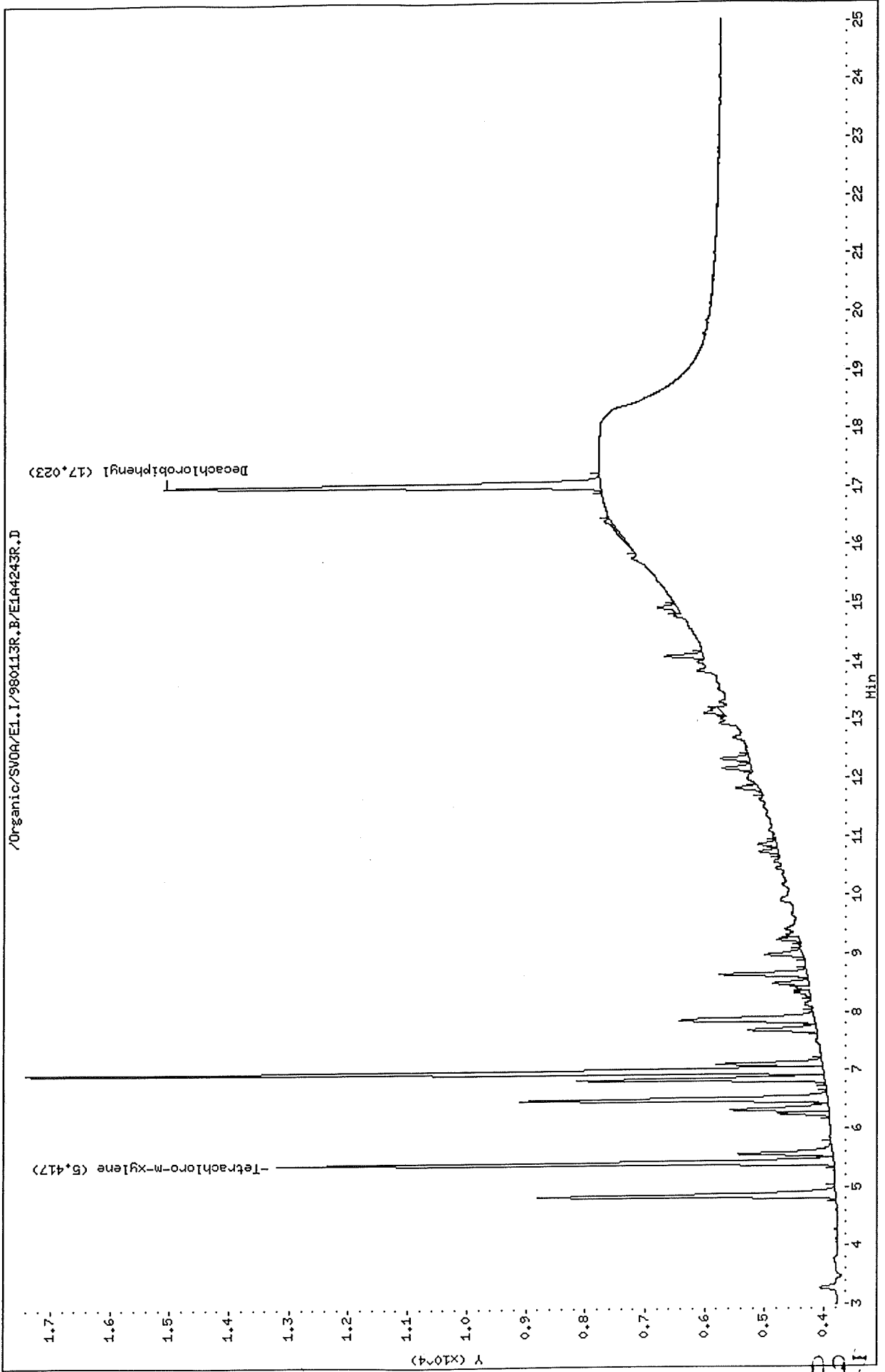
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4243F.D
Date : 13-JAN-1998 23:15
Client ID: AR1221A3
Sample Info: AR1221A3,AR1221A3,,ar1221.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E4.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980113R.B/E1A4243R.D
Date: 13-JAN-1998 23:15
Client ID: AR1221A3
Sample Info: AR1221A3,AR1221A3,,ar1221.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4243F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4243R.D
 Inj Date : 13-JAN-1998 23:15
 Sample Info: AR1221A3,AR1221A3,,ar1221.sub
 Misc Info : ,3
 Cal Date : 15-JAN-1998 10:45
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1221.sub
 Sub List #2 : ar1221.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|---------------|---------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.860 | 5.417 | 4190 | 9361 | 0.038 | 0.041 | | 100.00(a) |
| Aroclor-1221 | 4.103 | 4.853 | 2628 | 5004 | 2.050 | 2.037 | 80.00- 120.00 | 100.00 |
| | 5.780 | 6.500 | 2359 | 5161 | 2.034 | 2.021 | 69.76- 109.76 | 89.76 |
| | 6.247 | 6.977 | 7087 | 13400 | 2.052 | 2.044 | 249.67- 289.67 | 269.67 |
| | Average of Peak Amounts = | | | | 2.045 | 2.034 | | |
| Decachlorobiphenyl | 15.733 | 17.023 | 4053 | 7375 | 0.036 | 0.039 | | 100.00(a) |

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

GL
 1/3=158

Data File: /Organic/SV0A/E1.I/980113F.B/E1A4244F.D

Date : 13-JAN-1998 23:43

Client ID: AR1221A4

Sample Info: AR1221A4,AR1221A4,,ar1221.sub

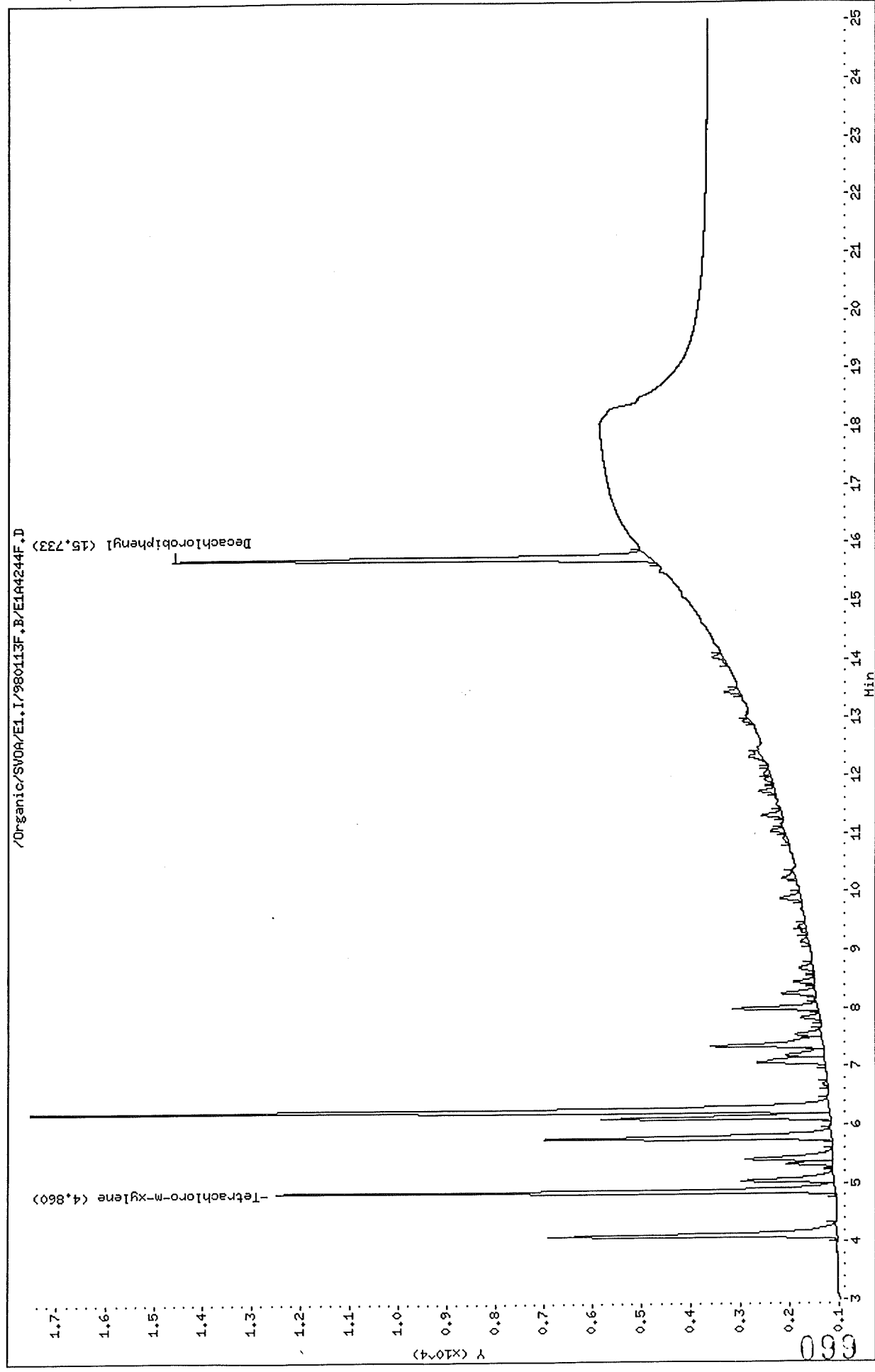
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980113R.B/E1A4244R.D

Date : 13-Jan-1998 23:43

Client ID: AR1221A4

Sample Info: AR1221A4,AR1221A4,ar1221.sub

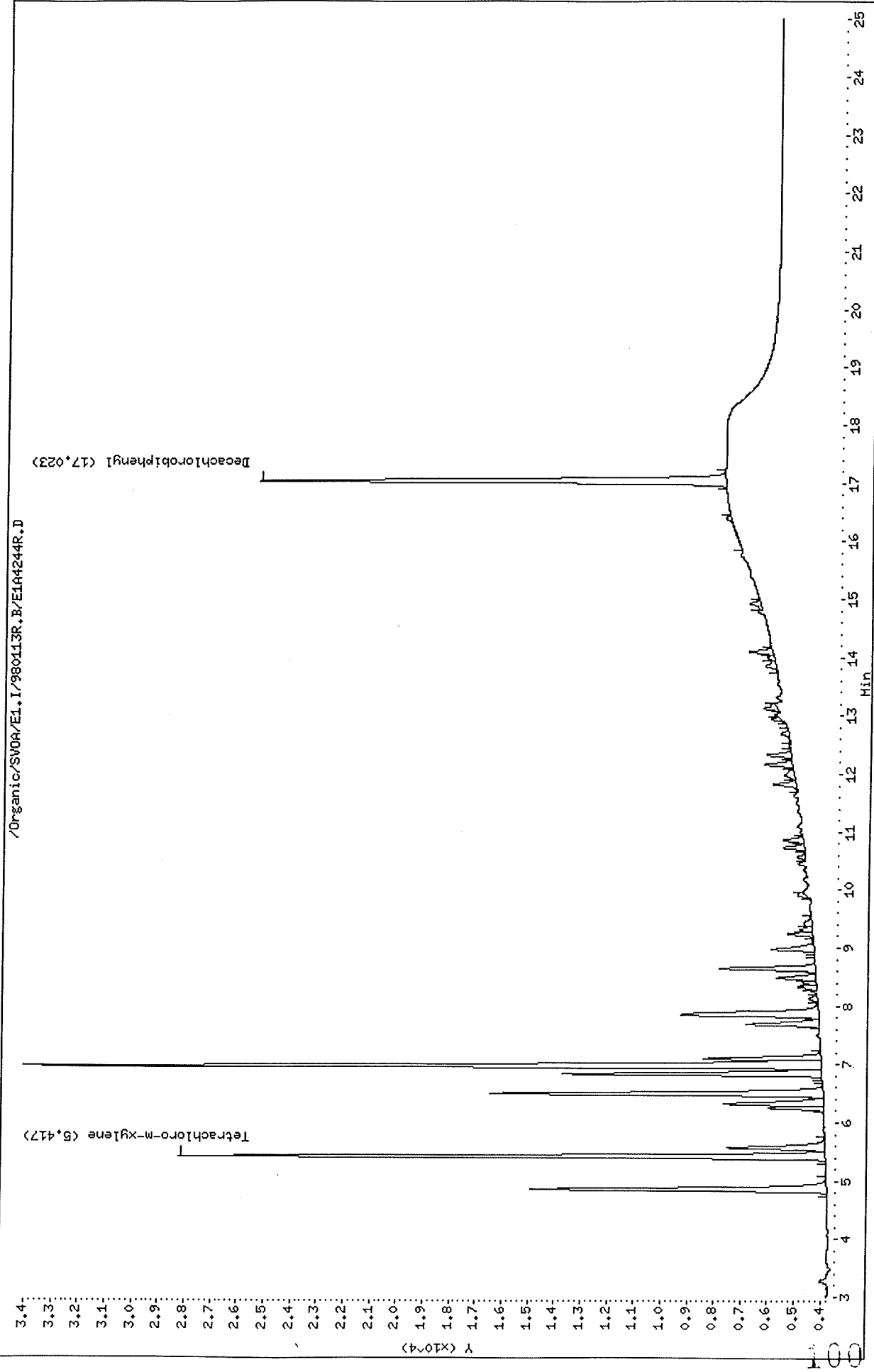
Volume Injected (uL): 2.0

Column phase: DB-608

Instrument: EI.1

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4244F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4244R.D
 Inj Date : 13-JAN-1998 23:43
 Sample Info: AR1221A4,AR1221A4,,ar1221.sub
 Misc Info : ,4
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1221.sub
 Sub List #2 : ar1221.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

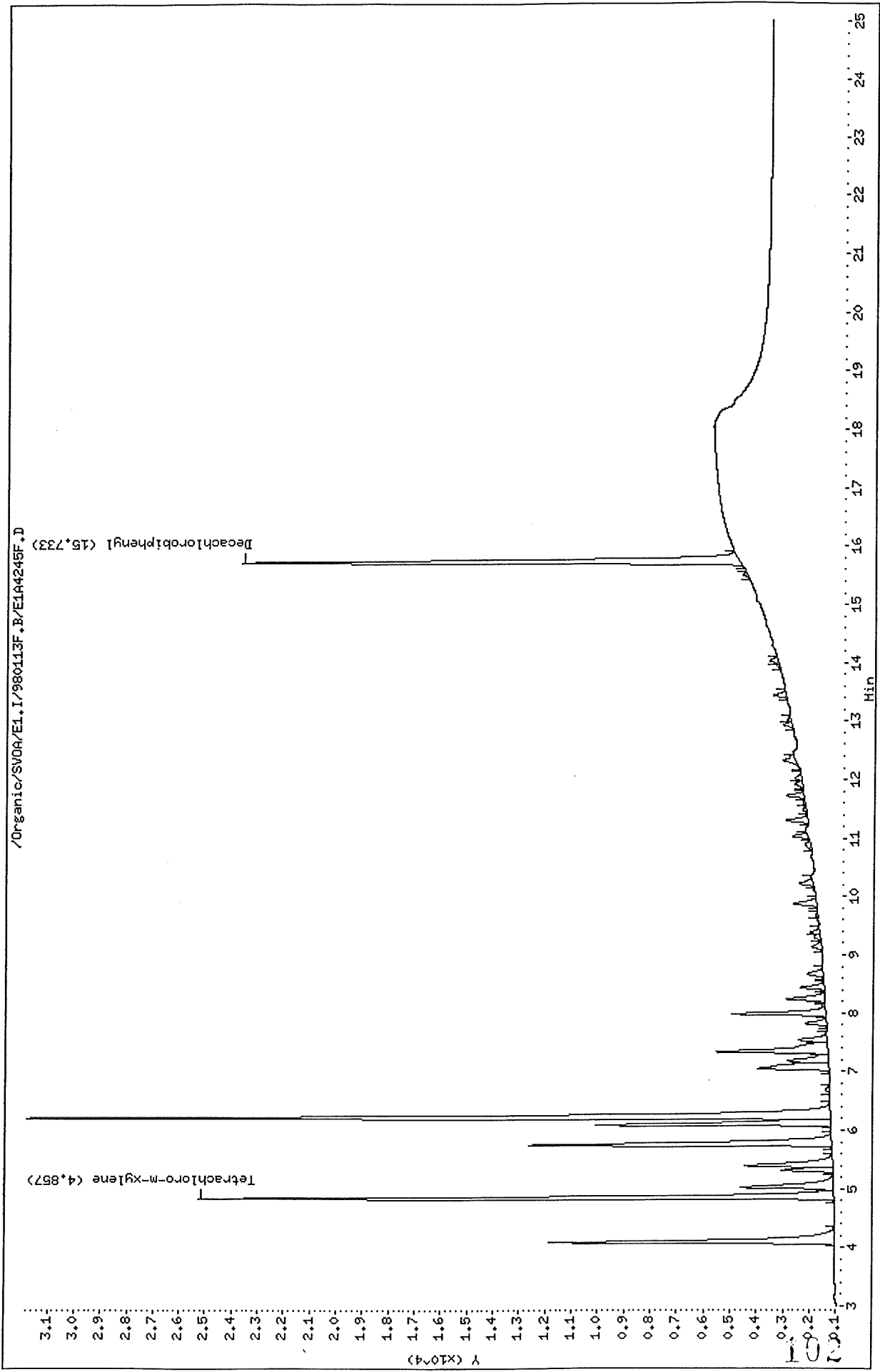
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|--------|
| Tetrachloro-m-xylene | 4.860 | 5.417 | 11417 | 24410 | 0.105 | 0.107 | | 100.00 |
| Aroclor-1221 | 4.100 | 4.850 | 5867 | 11097 | 4.577 | 4.518 | 80.00- 120.00 | 100.00 |
| | 5.777 | 6.497 | 5857 | 12510 | 5.050 | 4.898 | 69.76- 109.76 | 99.83 |
| | 6.243 | 6.977 | 16330 | 30049 | 4.729 | 4.584 | 249.67- 289.67 | 278.34 |
| | Average of Peak Amounts = | | | | 4.785 | 4.666 | | |
| Decachlorobiphenyl | 15.733 | 17.023 | 9838 | 17573 | 0.088 | 0.093 | | 100.00 |

GL
1/30/98

Data File: /Organic/SV0A/E1.I/980113F.B/E1A4245F.D
Date: 14-JAN-1998 00:11
Client ID: AR1221A5
Sample Info: AR1221A5,AR1221A5,,ar1221.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

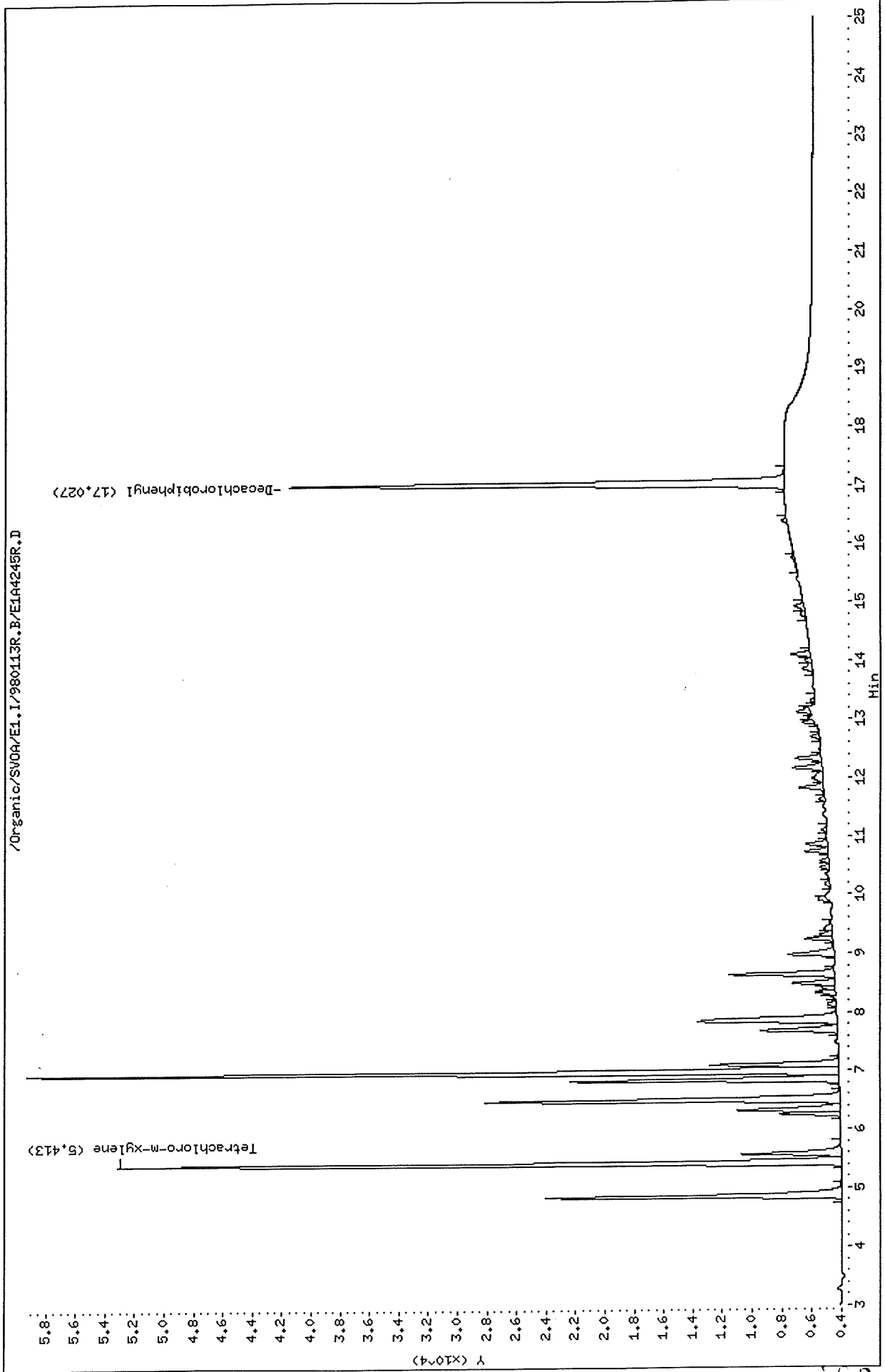
Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4245R.D
Date: 14-JAN-1998 00:11
Client ID: AR1221A5
Sample Info: AR1221A5.AR1221A5,,ar1221.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53

/Organic/SV0A/E1.I/980113R.B/E1A4245R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4245F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4245R.D
 Inj Date : 14-JAN-1998 00:11
 Sample Info: AR1221A5,AR1221A5,,ar1221.sub
 Misc Info : ,5
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1221.sub
 Sub List #2 : ar1221.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.857 | 5.413 | 24166 | 49199 | 0.224 | 0.215 | | 100.00 (A) |
| Aroclor-1221 | 4.097 | 4.850 | 10833 | 20109 | 8.451 | 8.188 | 80.00- 120.00 | 100.00 |
| | 5.773 | 6.497 | 11471 | 24072 | 9.890 | 9.426 | 69.76- 109.76 | 105.89 |
| | 6.243 | 6.977 | 30569 | 55118 | 8.854 | 8.408 | 249.67- 289.67 | 282.18 |
| | Average of Peak Amounts = | | | | 9.065 | 8.674 | | |
| Decachlorobiphenyl | 15.733 | 17.027 | 18988 | 33675 | 0.169 | 0.178 | | 100.00 |

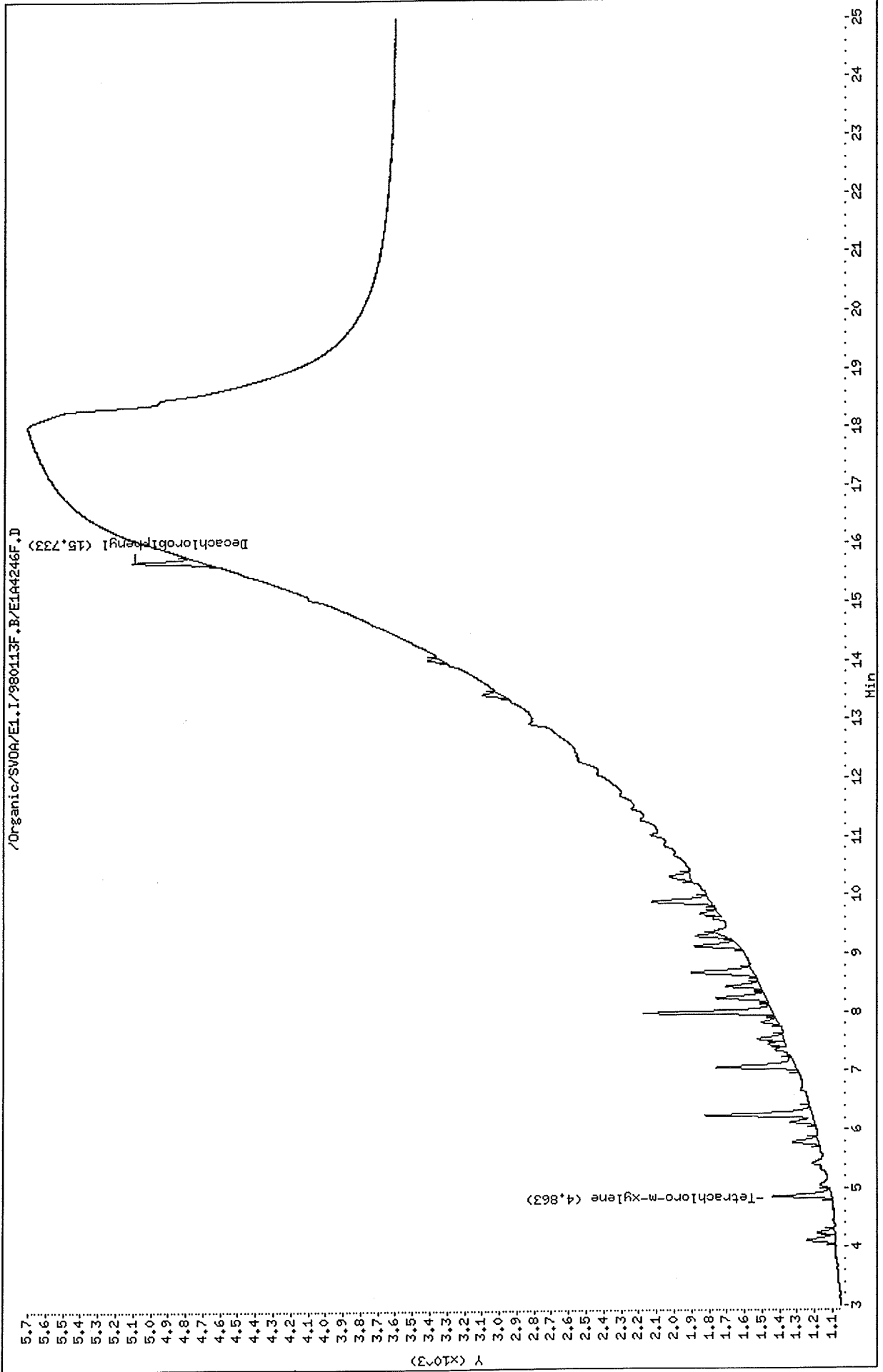
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

GL
 1/3-158

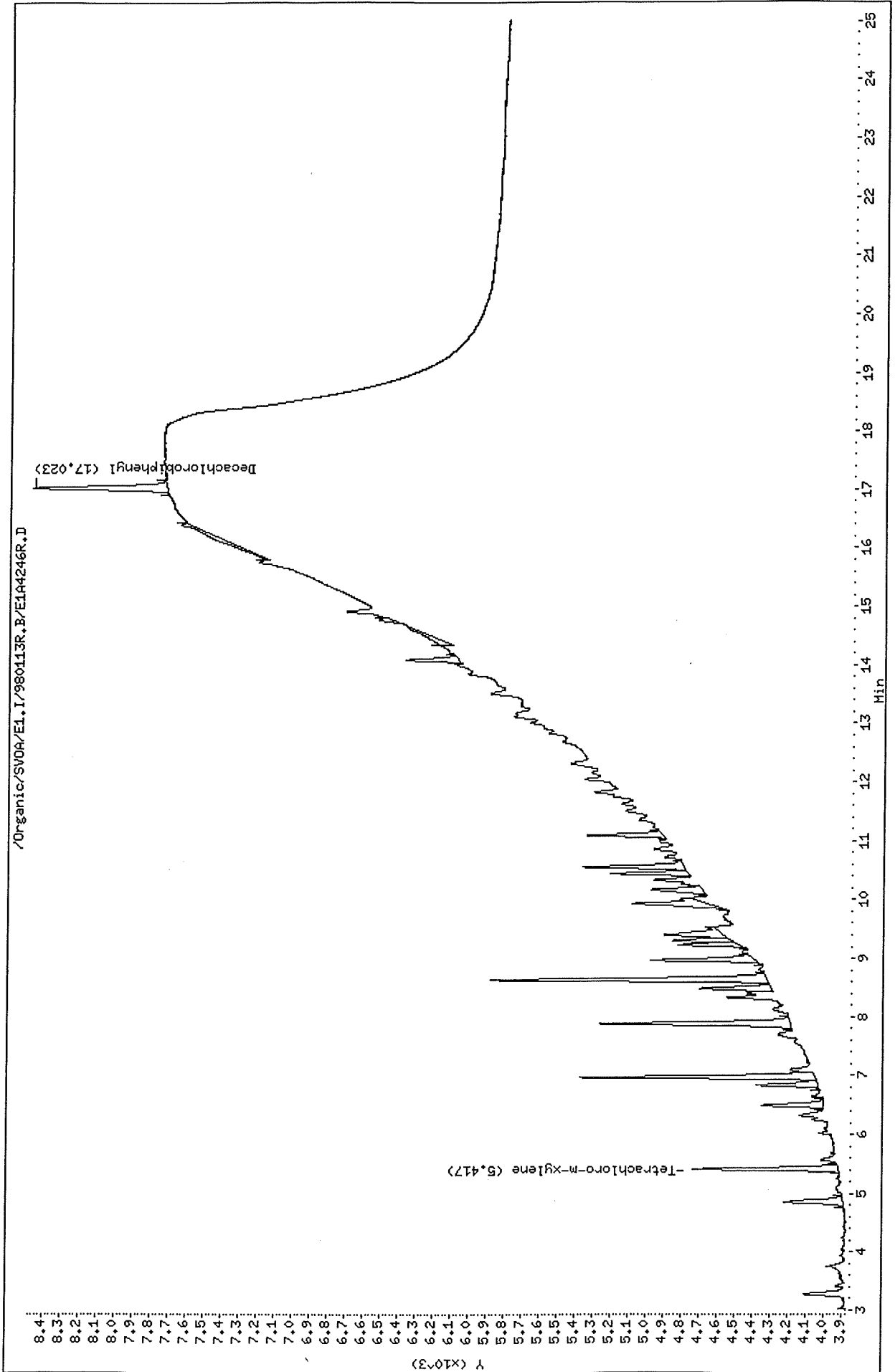
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4246F.D
Date : 14-JAN-1998 00:39
Client ID: AR1232A1
Sample Info: AR1232A1,AR1232A1,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4246R.D
Date: 14-JUN-1998 00:39
Client ID: AR1232A1
Sample Info: AR1232A1.AR1232A1,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4246F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4246R.D
 Inj Date : 14-JAN-1998 00:39
 Sample Info: AR1232A1,AR1232A1,,ar1232.sub
 Misc Info : ,1
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1232.sub
 Sub List #2 : ar1232.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-------------|
| Tetrachloro-m-xylene | 4.863 | 5.417 | 332 | 818 | 0.003 | 0.003 | | 100.00 (aM) |
| Aroclor-1232 | 6.250 | 6.977 | 616 | 1314 | 0.214 | 0.233 | 80.00- 120.00 | 100.00 (aM) |
| | 7.067 | 7.890 | 453 | 1077 | 0.217 | 0.229 | 52.25- 92.25 | 73.54 (aM) |
| | 7.993 | 8.647 | 741 | 1557 | 0.197 | 0.207 | 111.21- 151.21 | 120.29 (aM) |
| | Average of Peak Amounts = | | | | 0.209 | 0.223 | | |
| Decachlorobiphenyl | 15.733 | 17.023 | 408 | 754 | 0.003 | 0.004 | | 100.00 (aM) |

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation (BLOQ).
- M - Compound response manually integrated.

AL
 4/3-198

Data File: /Organic/SV0A/E1.I/980113F.B/E1A4247F.D

Date: 14-JAN-1998 01:07

Client ID: AR1232A2

Sample Info: AR1232A2,AR1232A2,,ar1232.sub

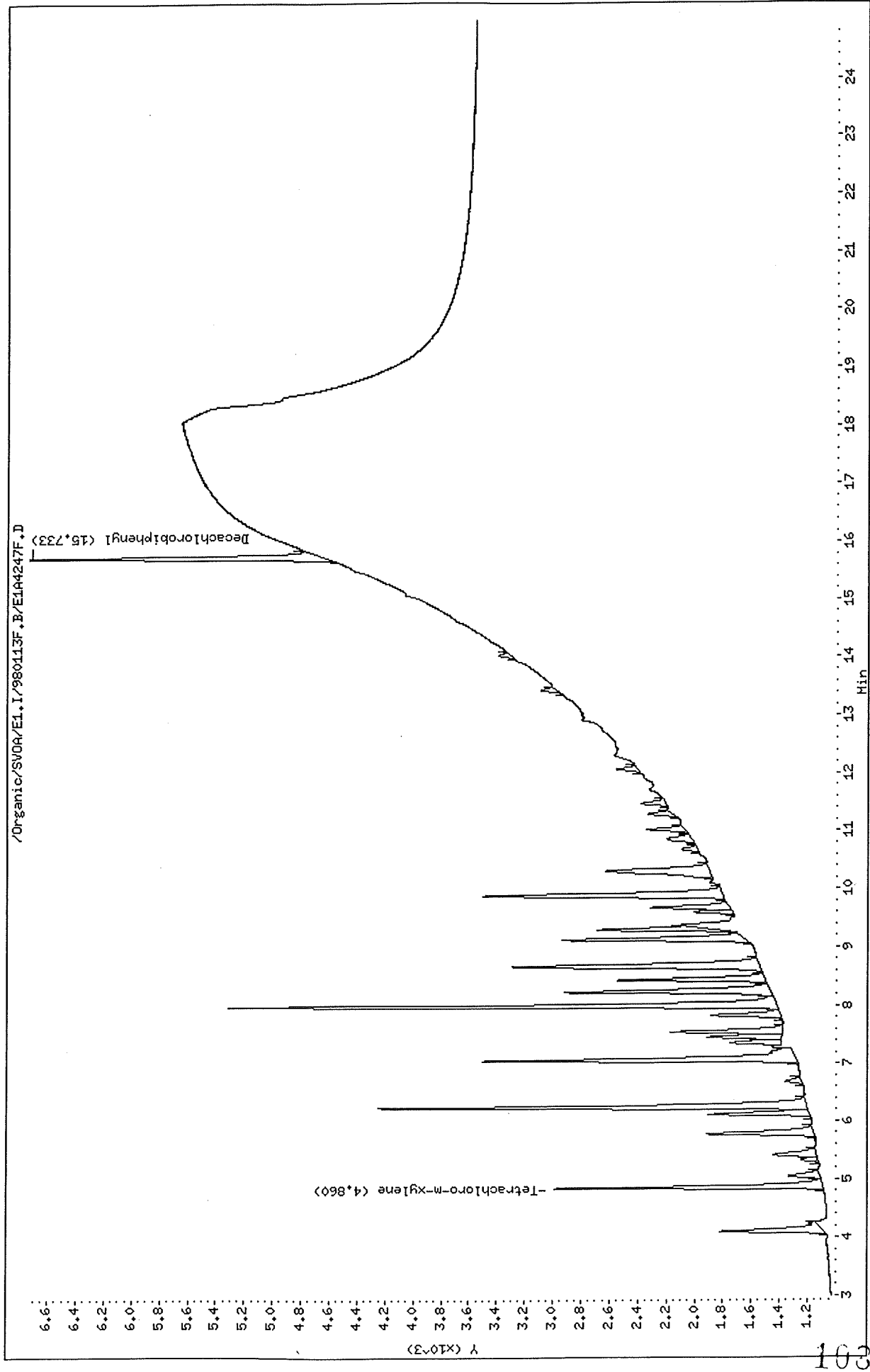
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

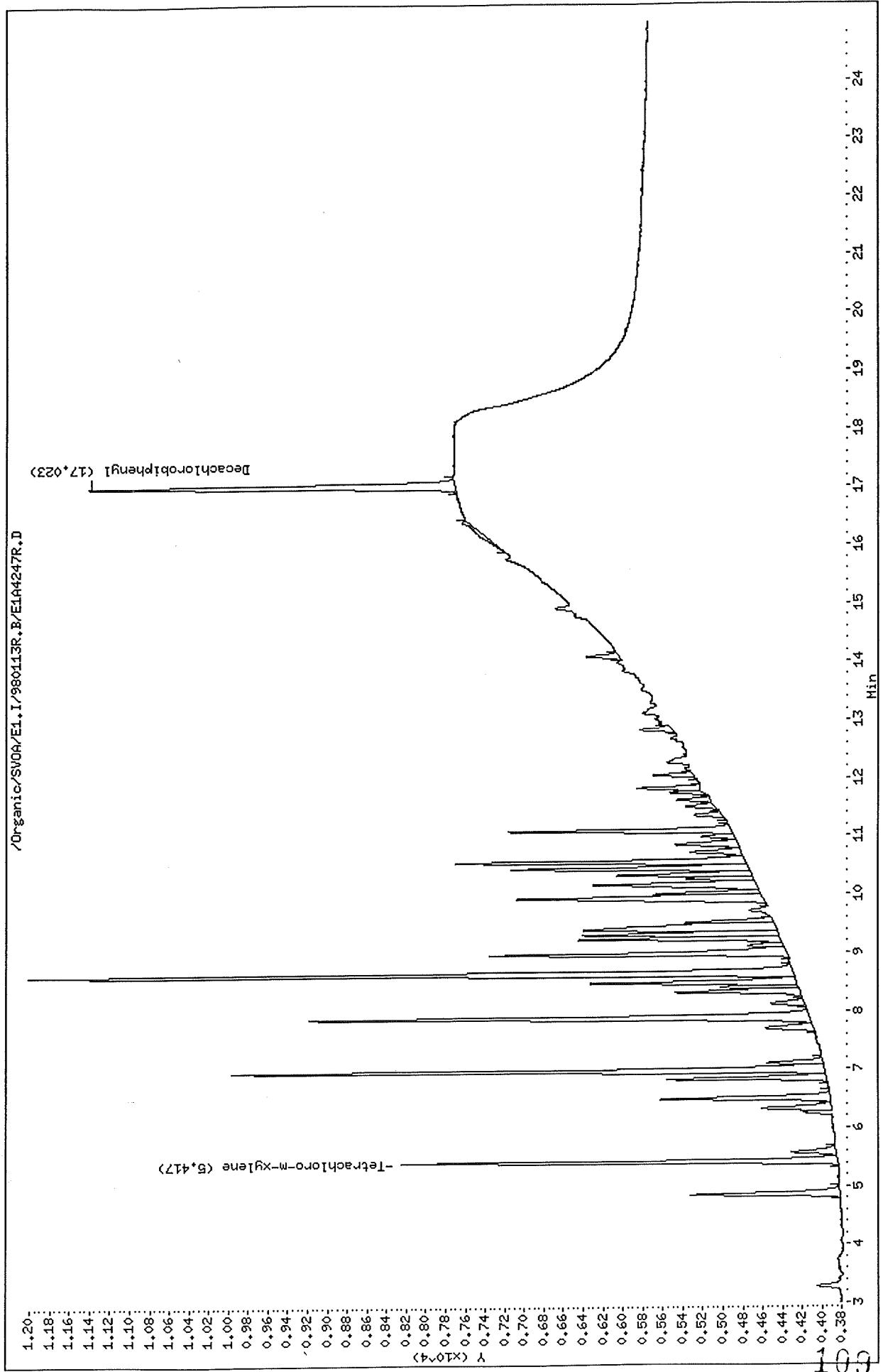
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980113R.B/E1A4247R.D
Date: 14-JAN-1998 01:07
Client ID: AR1232A2
Sample Info: AR1232A2,AR1232A2,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4247F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4247R.D
 Inj Date : 14-JAN-1998 01:07
 Sample Info: AR1232A2,AR1232A2,,ar1232.sub
 Misc Info : ,2
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1232.sub
 Sub List #2 : ar1232.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-------------|
| Tetrachloro-m-xylene | 4.860 | 5.417 | 1902 | 4409 | 0.017 | 0.019 | | 100.00 (a) |
| Aroclor-1232 | 6.247 | 6.977 | 3054 | 5994 | 1.062 | 1.065 | 80.00- 120.00 | 100.00 (M) |
| | 7.063 | 7.890 | 2226 | 5058 | 1.070 | 1.079 | 52.25- 92.25 | 72.89 (M) |
| | 7.990 | 8.647 | 3890 | 7719 | 1.036 | 1.030 | 111.21- 151.21 | 127.37 (M) |
| | Average of Peak Amounts = | | | | 1.056 | 1.058 | | |
| Decachlorobiphenyl | 15.733 | 17.023 | 2082 | 3698 | 0.018 | 0.019 | | 100.00 (aM) |

QC Flag Legend

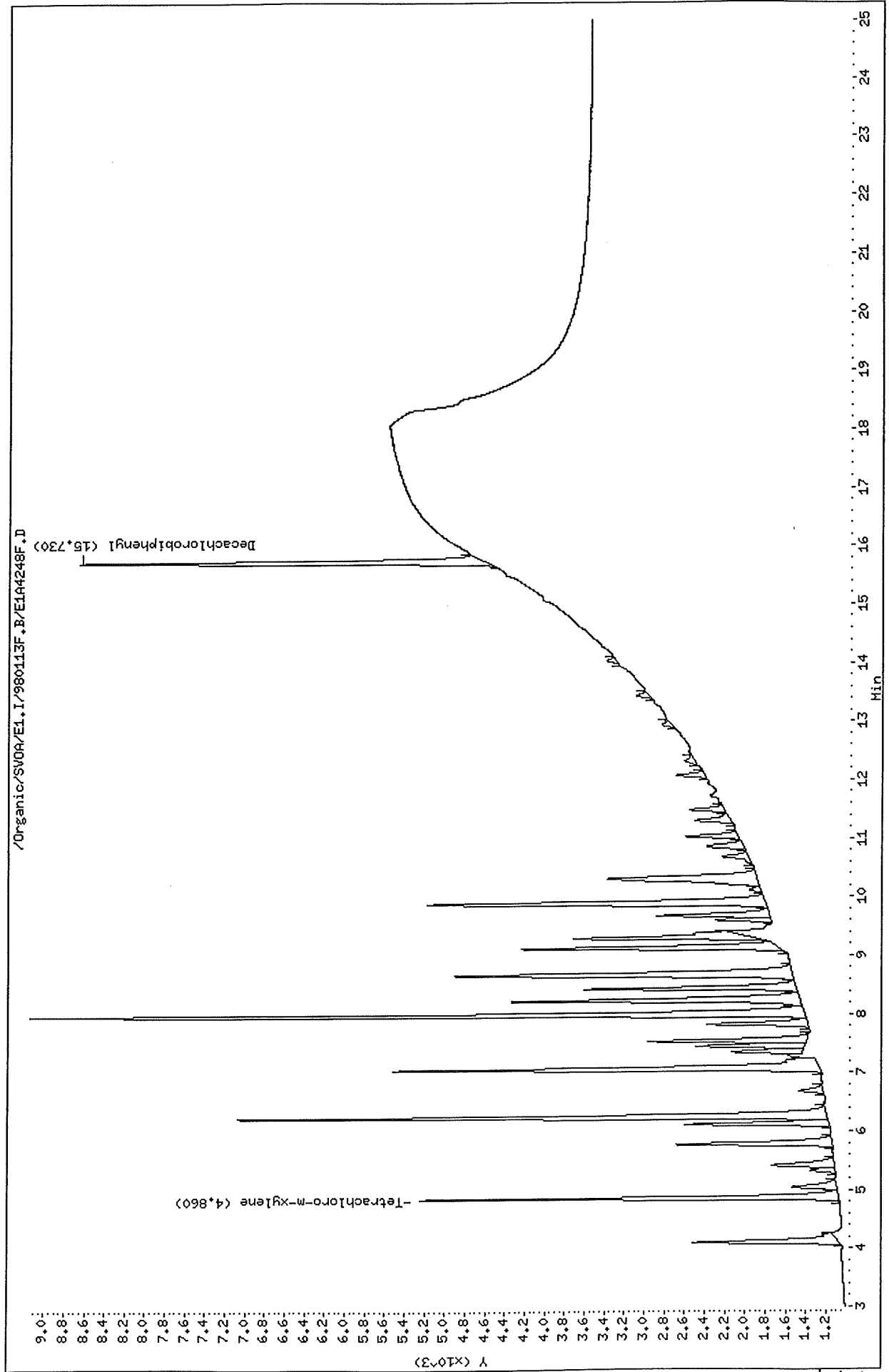
- a - Target compound detected but, quantitated amount Below Limit Of Quantitation (BLOQ).
- M - Compound response manually integrated.

GL

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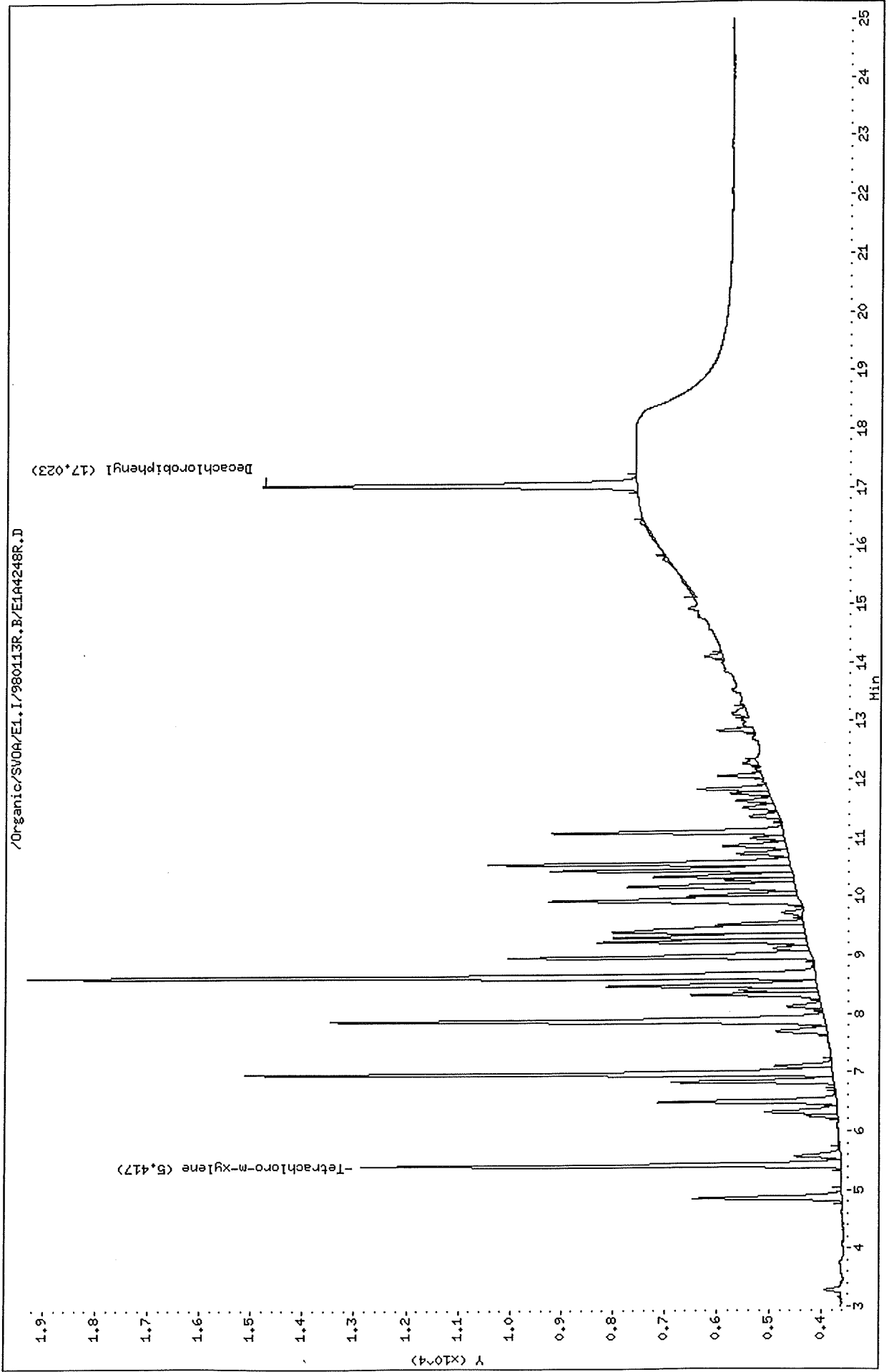
Data File: /Organic/SV00A/E1.I/980113F.B/E1A4248F.D
Date : 14-JAN-1998 01:35
Client ID: AR1232A3
Sample Info: AR1232A3,AR1232A3,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4248R.D
Date : 14-JAN-1998 01:35
Client ID: AR1232A3
Sample Info: AR1232A3,AR1232A3,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4248F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4248R.D
 Inj Date : 14-JAN-1998 01:35
 Sample Info: AR1232A3,AR1232A3,,ar1232.sub
 Misc Info : ,3
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1232.sub
 Sub List #2 : ar1232.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.860 | 5.417 | 4168 | 9241 | 0.038 | 0.040 | | 100.00(a) |
| Aroclor-1232 | 6.247 | 6.977 | 5885 | 11346 | 2.046 | 2.016 | 80.00- 120.00 | 100.00(M) |
| | 7.060 | 7.890 | 4252 | 9520 | 2.044 | 2.031 | 52.25- 92.25 | 72.25(M) |
| | 7.990 | 8.647 | 7722 | 15175 | 2.056 | 2.025 | 111.21- 151.21 | 131.21(M) |
| | Average of Peak Amounts = | | | | 2.048 | 2.024 | | |
| Decachlorobiphenyl | 15.730 | 17.023 | 4060 | 7252 | 0.036 | 0.038 | | 100.00(a) |

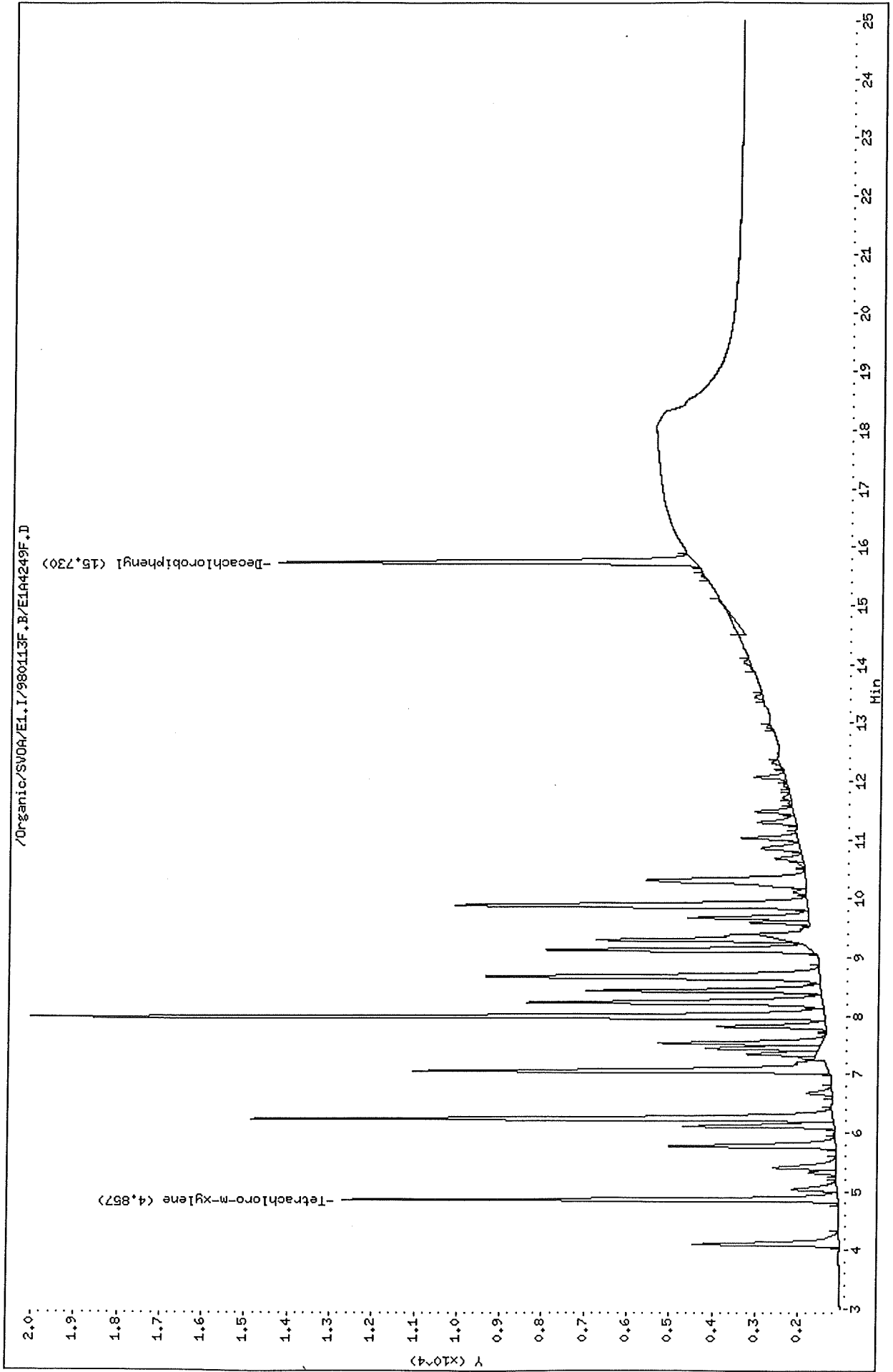
QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

QC
1/30/98

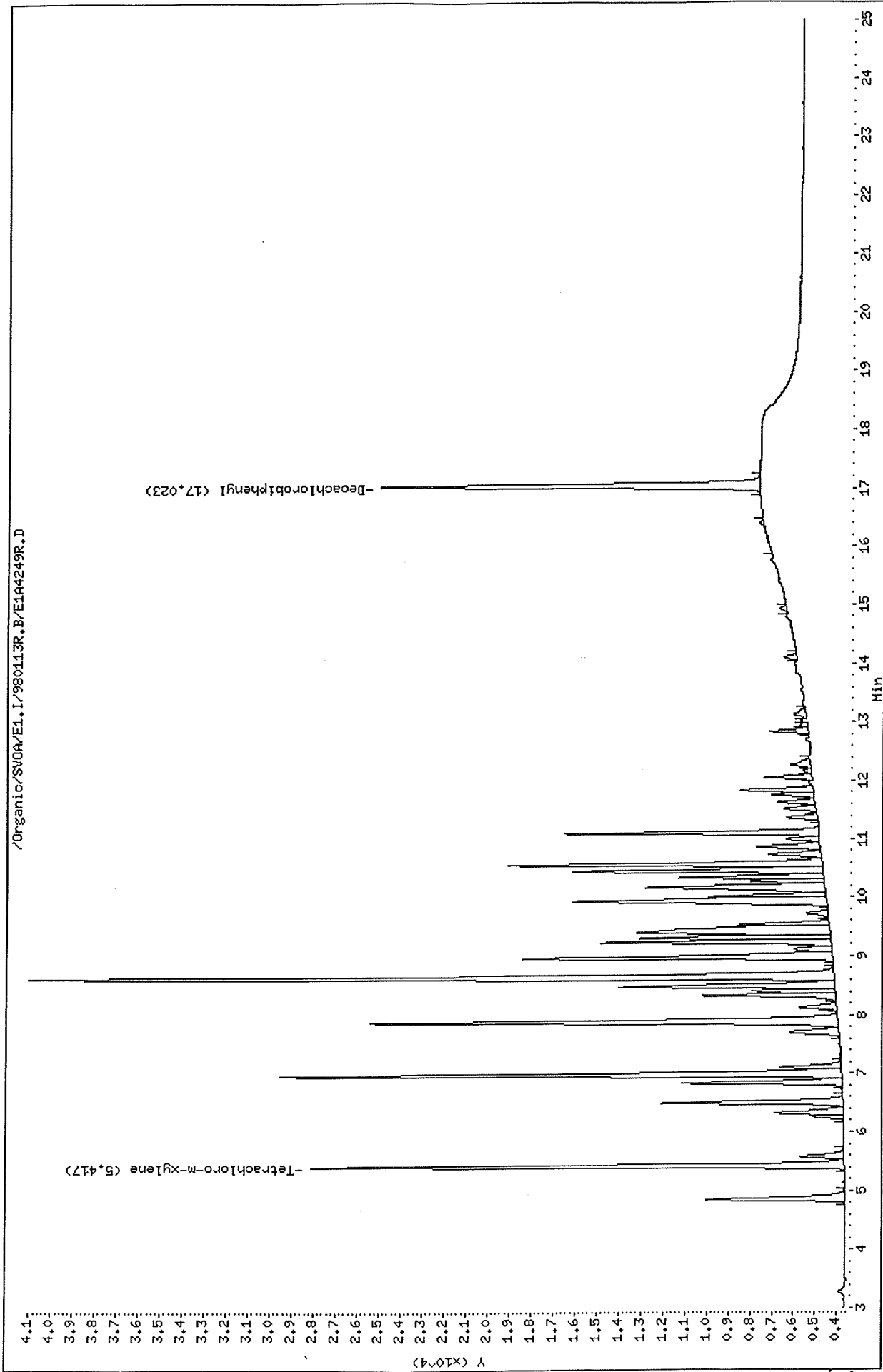
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4249F.D
Date : 14-JAN-1998 02:03
Client ID: AR1232A4
Sample Info: AR1232A4,AR1232A4,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4249R.D
Date : 14-JAN-1998 02:03
Client ID: AR1232A4
Sample Info: AR1232A4,AR1232A4,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4249F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4249R.D
 Inj Date : 14-JAN-1998 02:03
 Sample Info: AR1232A4,AR1232A4,,ar1232.sub
 Misc Info : ,4
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1232.sub
 Sub List #2 : ar1232.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 11634 | 24453 | 0.107 | 0.107 | | 100.00 |
| Aroclor-1232 | 6.243 | 6.977 | 13676 | 25769 | 4.756 | 4.580 | 80.00- 120.00 | 100.00(M) |
| | 7.057 | 7.890 | 9737 | 21462 | 4.681 | 4.580 | 52.25- 92.25 | 71.20(M) |
| | 7.987 | 8.647 | 18629 | 36904 | 4.961 | 4.926 | 111.21- 151.21 | 136.22(M) |
| | Average of Peak Amounts = | | | | 4.799 | 4.695 | | |
| Decachlorobiphenyl | 15.730 | 17.023 | 9811 | 17377 | 0.087 | 0.092 | | 100.00 |

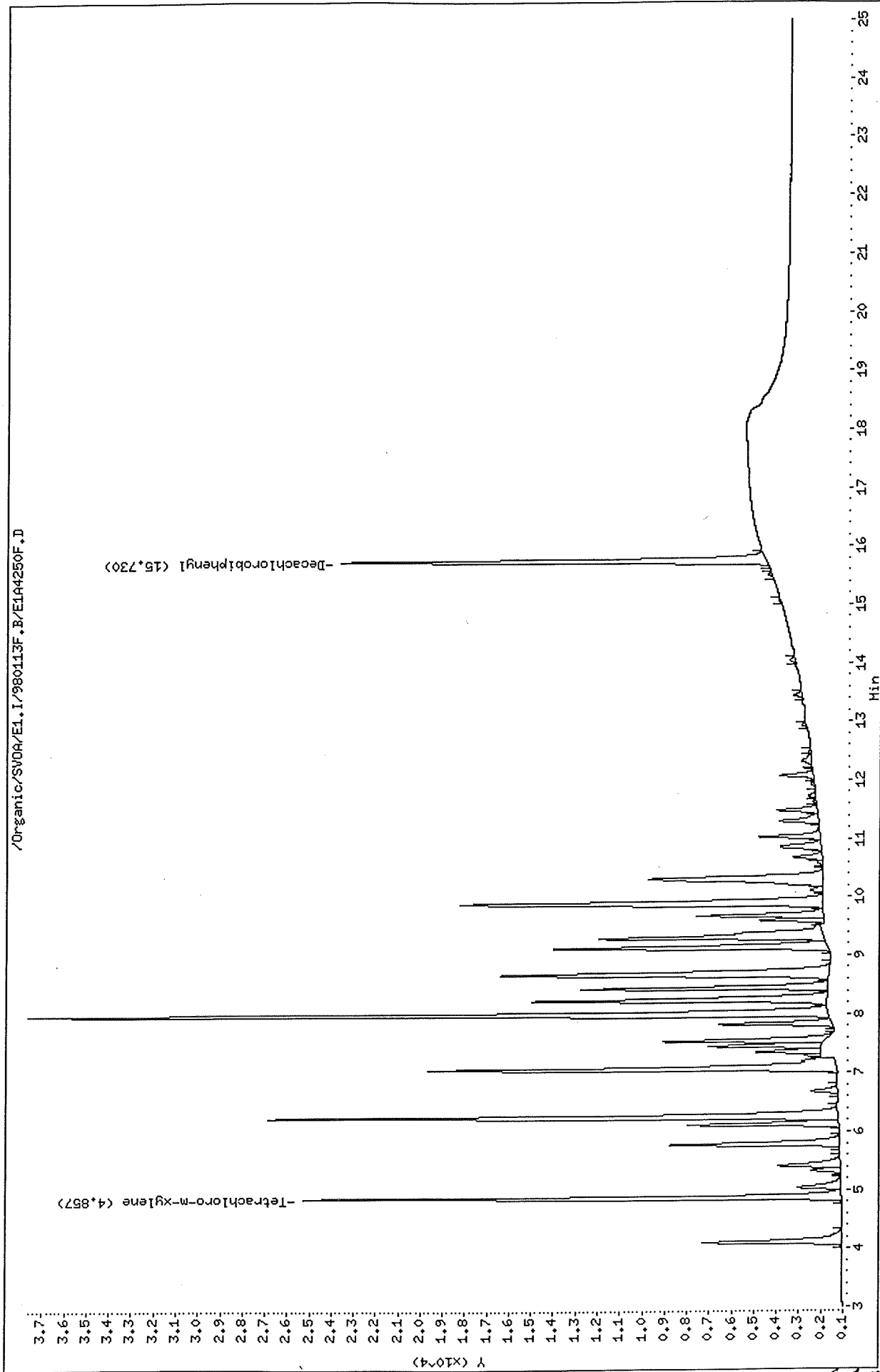
QC Flag Legend

M - Compound response manually integrated.

GL
1/30/98

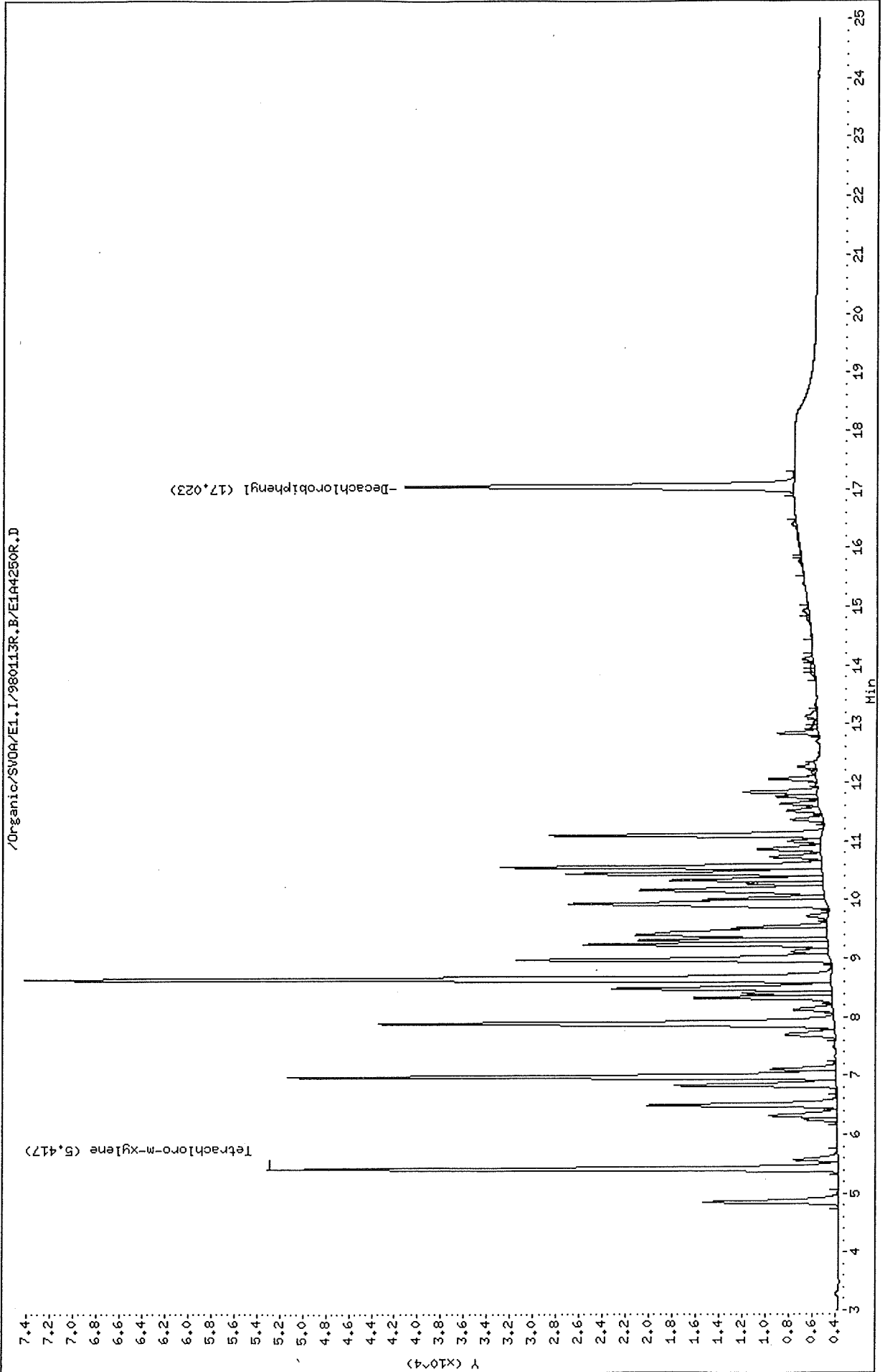
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4250F.D
Date : 14-JAN-1998 02:31
Client ID: AR1232A5
Sample Info: AR1232A5,AR1232A5,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4250R.D
Date : 14-JAN-1998 02:31
Client ID: AR1232A5
Sample Info: AR1232A5,AR1232A5,,ar1232.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4250F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4250R.D
 Inj Date : 14-JAN-1998 02:31
 Sample Info: AR1232A5,AR1232A5,,ar1232.sub
 Misc Info : ,5
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1232.sub
 Sub List #2 : ar1232.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 24185 | 49351 | 0.224 | 0.216 | | 100.00(A) |
| Aroclor-1232 | 6.240 | 6.977 | 25648 | 47399 | 8.920 | 8.424 | 80.00- 120.00 | 100.00(M) |
| | 7.057 | 7.887 | 18349 | 39318 | 8.822 | 8.391 | 52.25- 92.25 | 71.54(M) |
| | 7.987 | 8.647 | 35908 | 69794 | 9.563 | 9.317 | 111.21- 151.21 | 140.00(M) |
| | Average of Peak Amounts = | | | | 9.101 | 8.710 | | |
| Decachlorobiphenyl | 15.730 | 17.023 | 19121 | 33587 | 0.171 | 0.178 | | 100.00(A) |

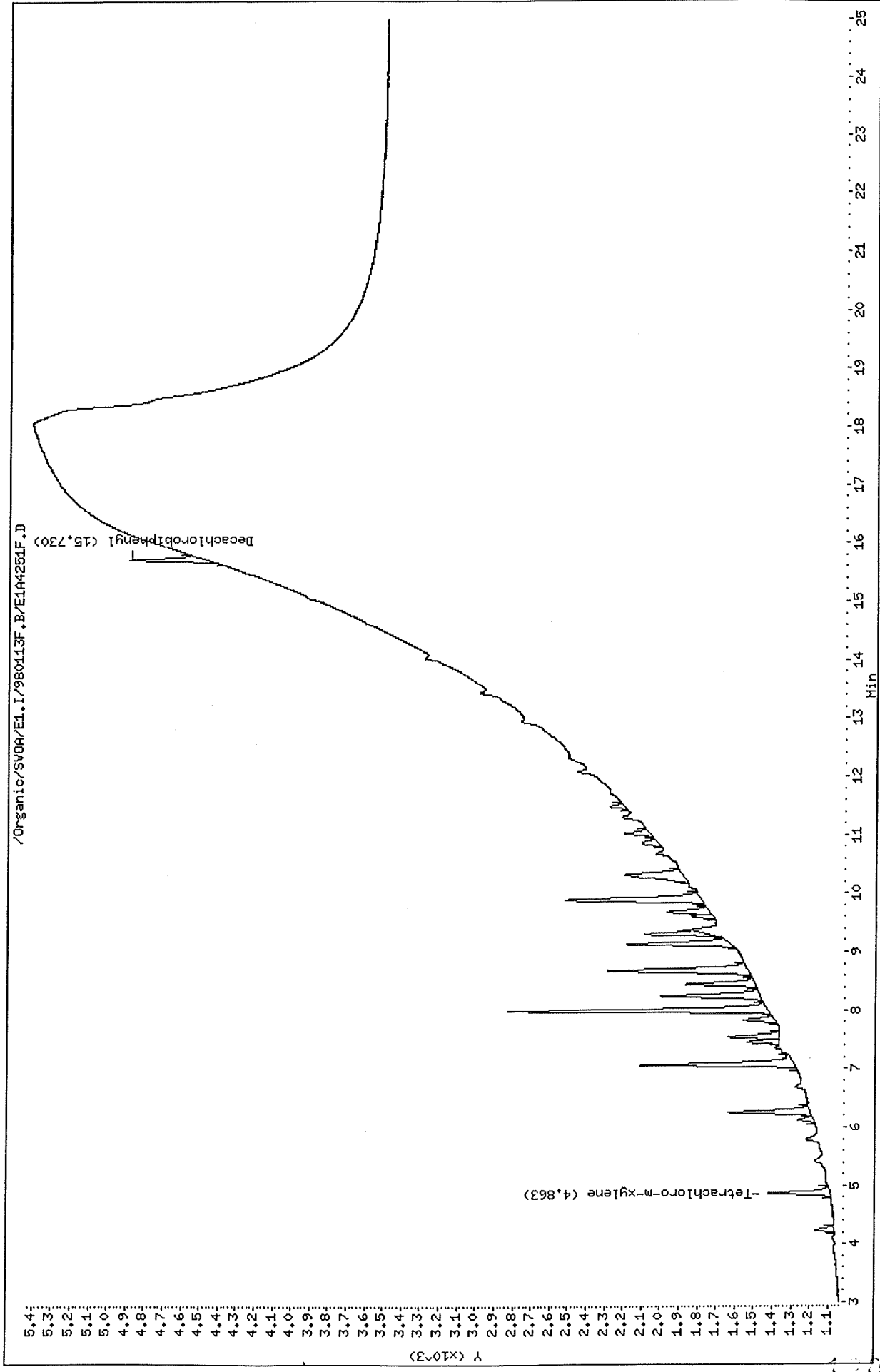
QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.

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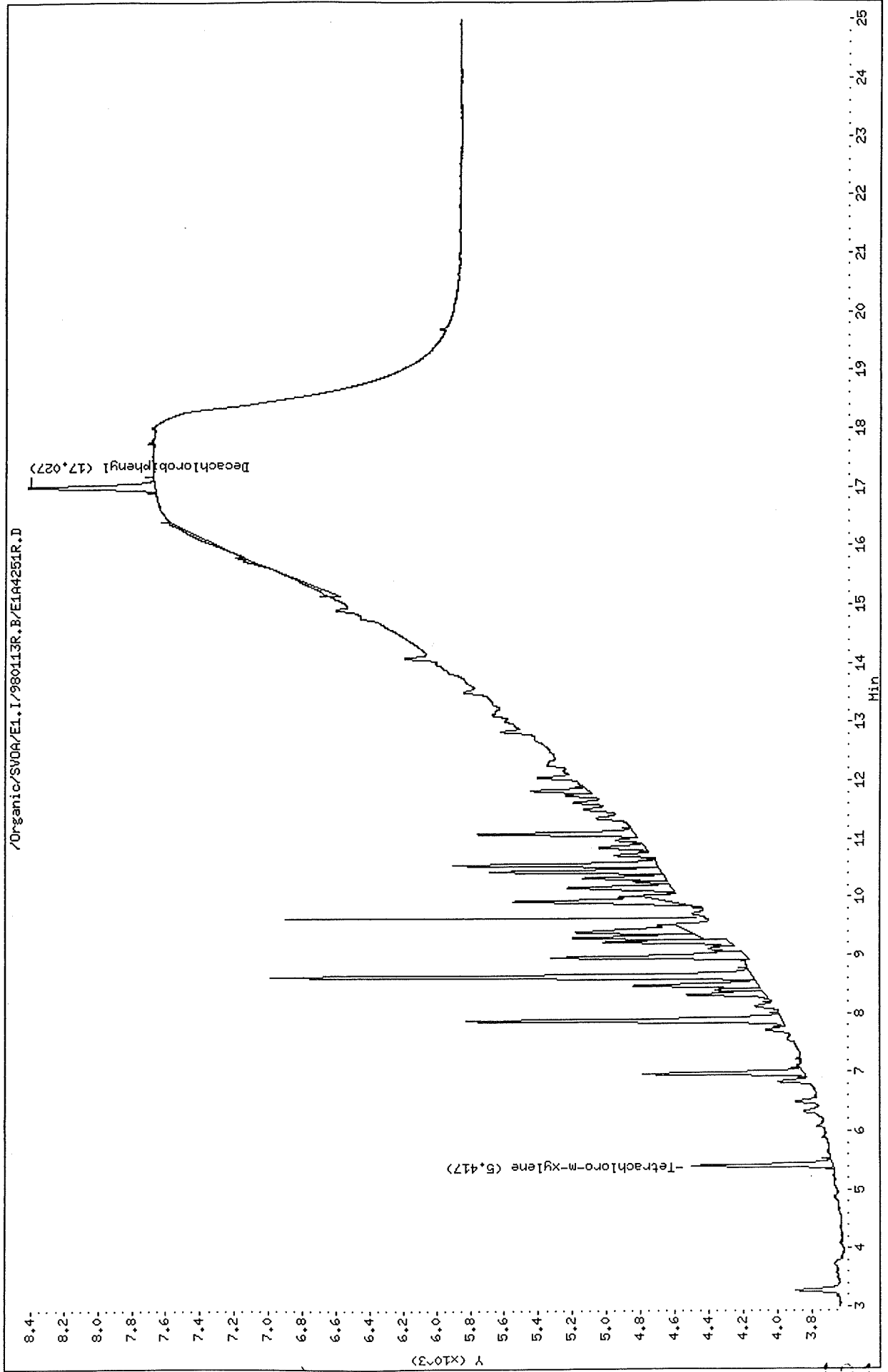
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4251F.D
Date : 14-JAN-1998 02:59
Client ID: AR1242A1
Sample Info: AR1242A1,AR1242A1,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-4701

Instrument: E1.1
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4251R.D
Date: 14-JAN-1998 02:59
Client ID: AR1242A1
Sample Info: AR1242A1,AR1242A1,,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4251F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4251R.D
 Inj Date : 14-JAN-1998 02:59
 Sample Info: AR1242A1,AR1242A1,,ar1242.sub
 Misc Info : ,1
 Cal Date : 15-JAN-1998 10:46
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|---------------|---------------|----------------|-------------|
| Tetrachloro-m-xylene | 4.863 | 5.417 | 331 | 827 | 0.003 | 0.003 | | 100.00 (aM) |
| Aroclor-1242 | 6.250 | 6.980 | 442 | 946 | 0.207 | 0.222 | 80.00- 120.00 | 100.00 (aM) |
| | 7.063 | 7.893 | 824 | 1855 | 0.226 | 0.237 | 154.68- 194.68 | 186.43 (aM) |
| | 7.990 | 8.647 | 1403 | 2843 | 0.202 | 0.212 | 327.18- 367.18 | 317.42 (aM) |
| | 8.240 | 8.977 | 527 | 1149 | 0.203 | 0.220 | 106.52- 146.52 | 119.23 (aM) |
| | 8.443 | 9.240 | 373 | 743 | 0.183 | 0.194 | 78.27- 118.27 | 84.39 (aM) |
| | Average of Peak Amounts = | | | | 0.204 | 0.217 | | |
| Decachlorobiphenyl | 15.730 | 17.027 | 413 | 748 | 0.003 | 0.004 | | 100.00 (a) |

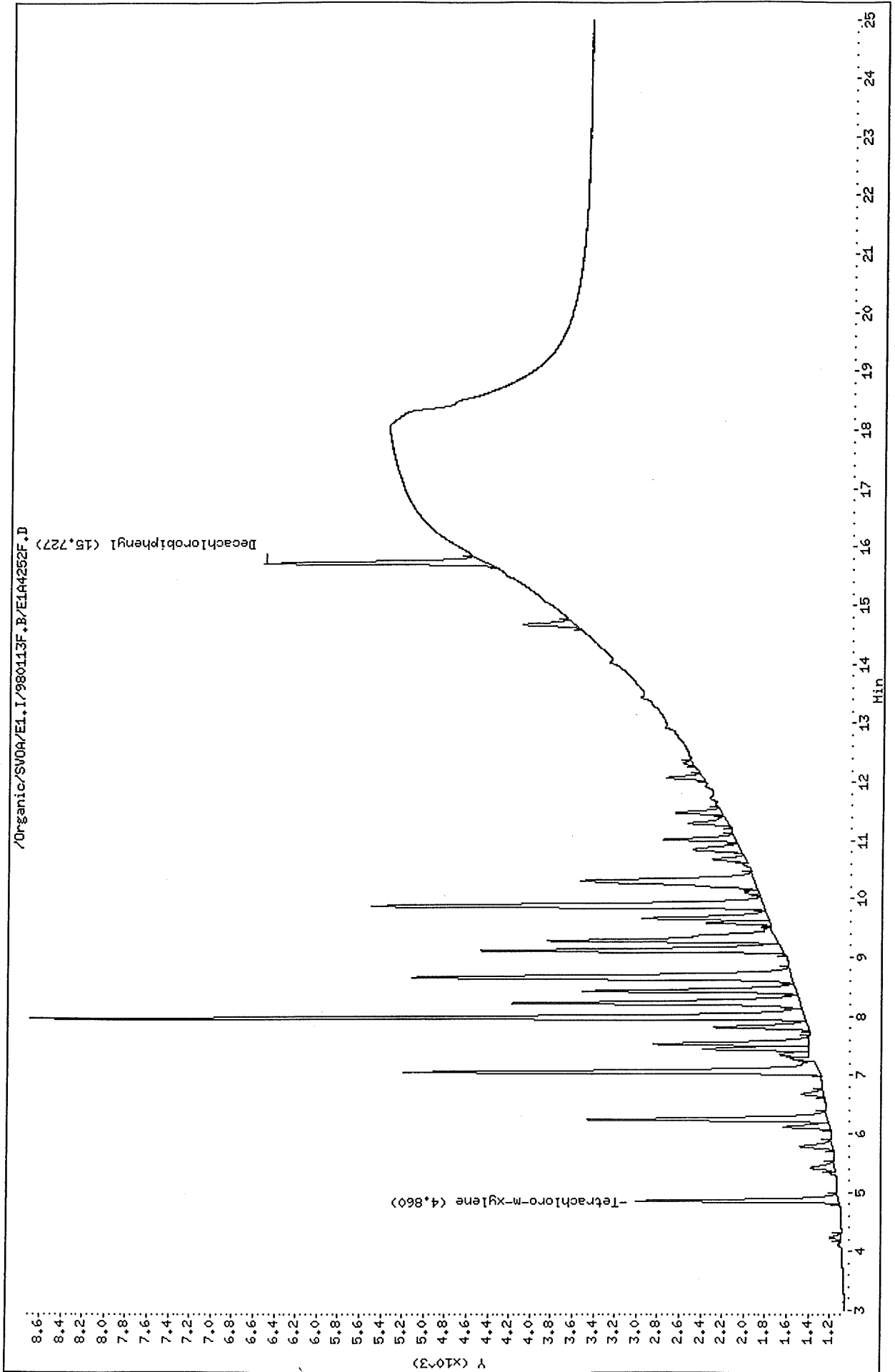
QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation (BLOQ).
- M - Compound response manually integrated.

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Data File: /Organic/SV0A/E1.1/980113F.B/E1A4252F.D
Date : 14-JAN-1998 03:27
Client ID: AR1242A2
Sample Info: AR1242A2,AR1242A2,,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4252R.D

Date: 14-JAN-1998 03:27

Client ID: AR1242A2

Sample Info: AR1242A2,AR1242A2,,ar1242.sub

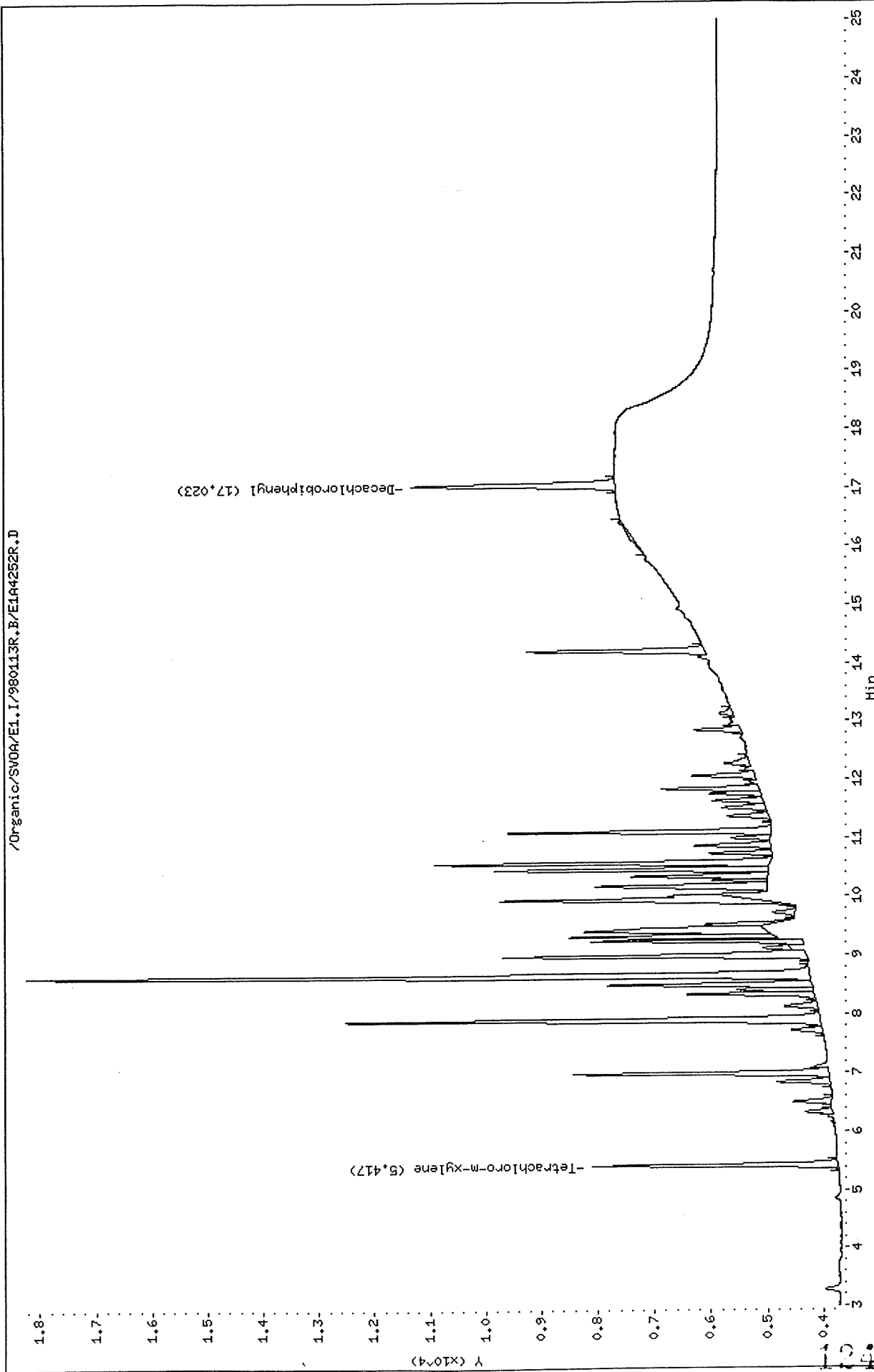
Volume Injected (uL): 2.0

Column phase: DB-608

Instrument: E1.1

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4252F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4252R.D
 Inj Date : 14-JAN-1998 03:27
 Sample Info: AR1242A2,AR1242A2,,ar1242.sub
 Misc Info : ,2
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.860 | 5.417 | 1889 | 4351 | 0.017 | 0.019 | | 100.00(a) |
| Aroclor-1242 | 6.247 | 6.980 | 2246 | 4526 | 1.053 | 1.062 | 80.00- 120.00 | 100.00(M) |
| | 7.060 | 7.890 | 3894 | 8449 | 1.069 | 1.083 | 154.68- 194.68 | 173.37(M) |
| | 7.987 | 8.647 | 7260 | 13984 | 1.048 | 1.044 | 327.18- 367.18 | 323.24(M) |
| | 8.237 | 8.977 | 2706 | 5394 | 1.045 | 1.034 | 106.52- 146.52 | 120.48(M) |
| | 8.440 | 9.240 | 2002 | 3761 | 0.983 | 0.982 | 78.27- 118.27 | 89.14(M) |
| | Average of Peak Amounts = | | | | 1.039 | 1.041 | | |
| Decachlorobiphenyl | 15.727 | 17.023 | 2085 | 3618 | 0.018 | 0.019 | | 100.00(a) |

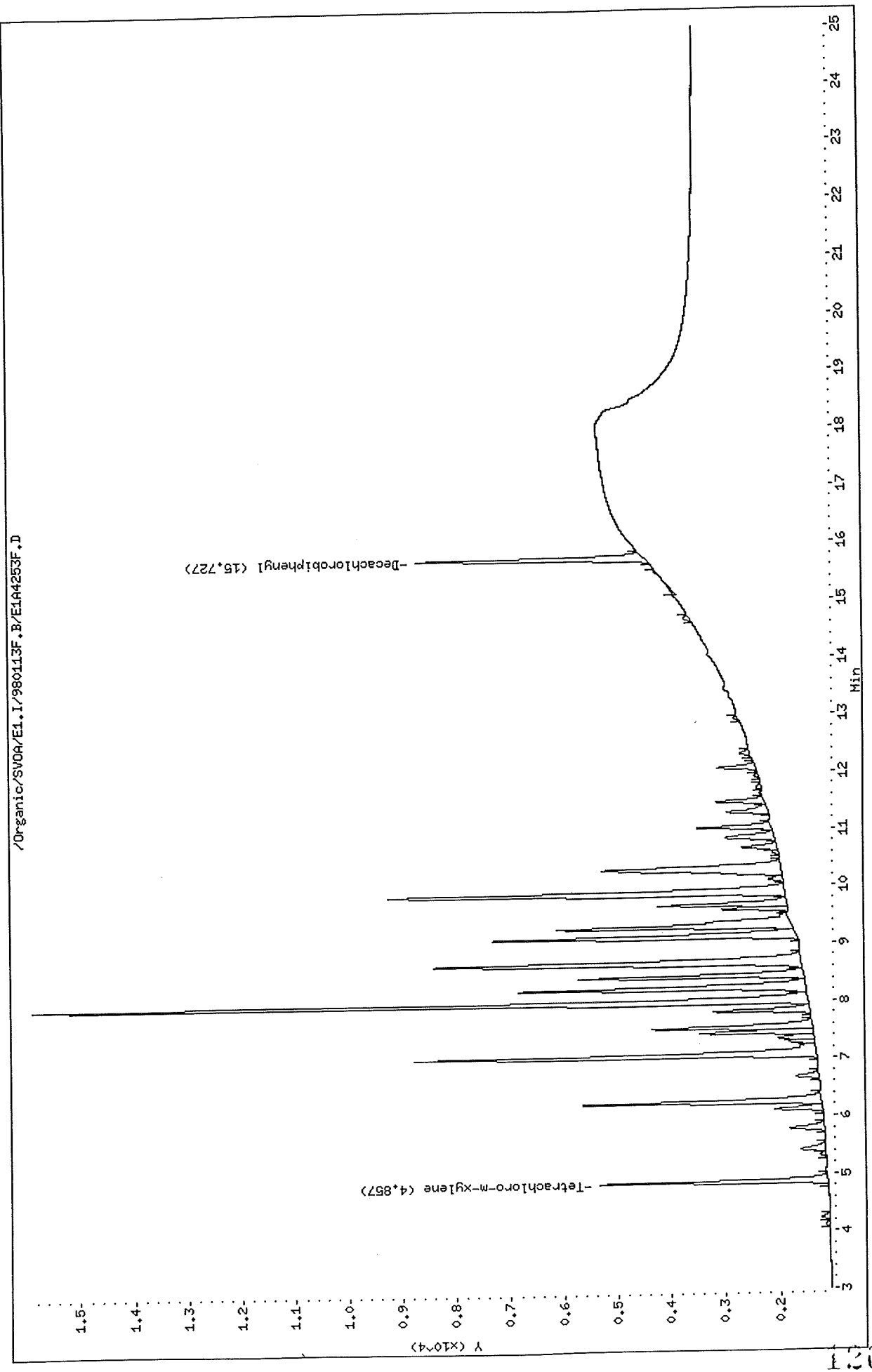
QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

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Data File: /Organic/SV0A/E1.I/980113F.B/E1A4253F.D
Date : 14-JAN-1998 03:55
Client ID: AR1242A3
Sample Info: AR1242A3,AR1242A3,,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4253R.D

Date: 14-JAN-1998 03:55

Client ID: AR1242A3

Sample Info: AR1242A3,AR1242A3,,ar1242.sub

Volume Injected (uL): 2.0

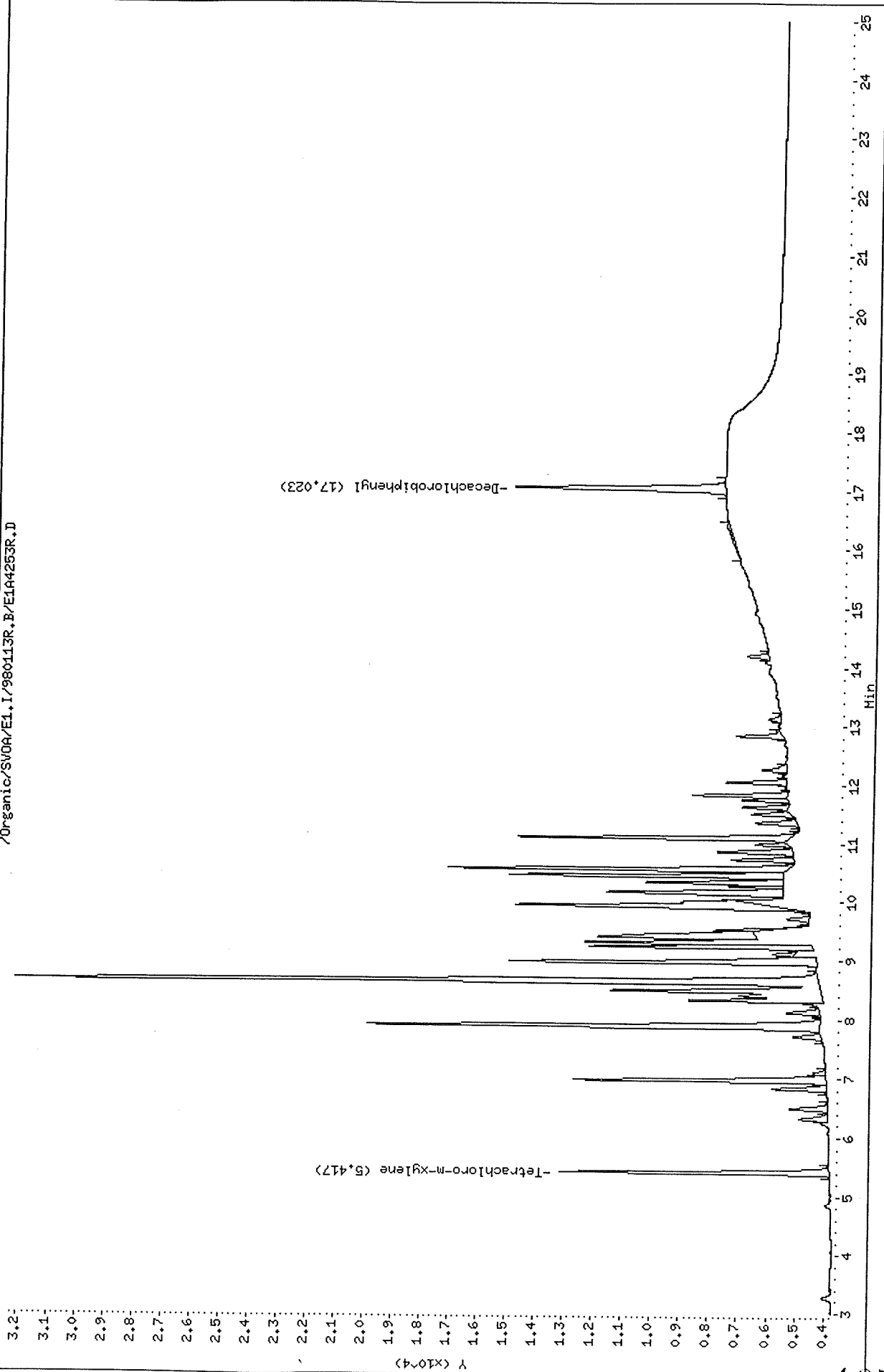
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV0A/E1.I/980113R.B/E1A4253R.D



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Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4253F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4253R.D
 Inj Date : 14-JAN-1998 03:55
 Sample Info: AR1242A3,AR1242A3,,ar1242.sub
 Misc Info : ,3
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|---------------|---------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 4218 | 9305 | 0.039 | 0.040 | | 100.00(a) |
| Aroclor-1242 | 6.243 | 6.980 | 4420 | 8718 | 2.072 | 2.045 | 80.00- 120.00 | 100.00 |
| | 7.057 | 7.890 | 7462 | 15710 | 2.050 | 2.015 | 154.68- 194.68 | 168.82 |
| | 7.987 | 8.647 | 14422 | 27892 | 2.082 | 2.084 | 327.18- 367.18 | 326.29 |
| | 8.233 | 8.977 | 5333 | 10605 | 2.059 | 2.034 | 106.52- 146.52 | 120.66 |
| | 8.437 | 9.240 | 4170 | 7711 | 2.048 | 2.015 | 78.27- 118.27 | 94.34 |
| | Average of Peak Amounts = | | | | 2.062 | 2.038 | | |
| Decachlorobiphenyl | 15.727 | 17.023 | 4236 | 7273 | 0.037 | 0.038 | | 100.00(a) |

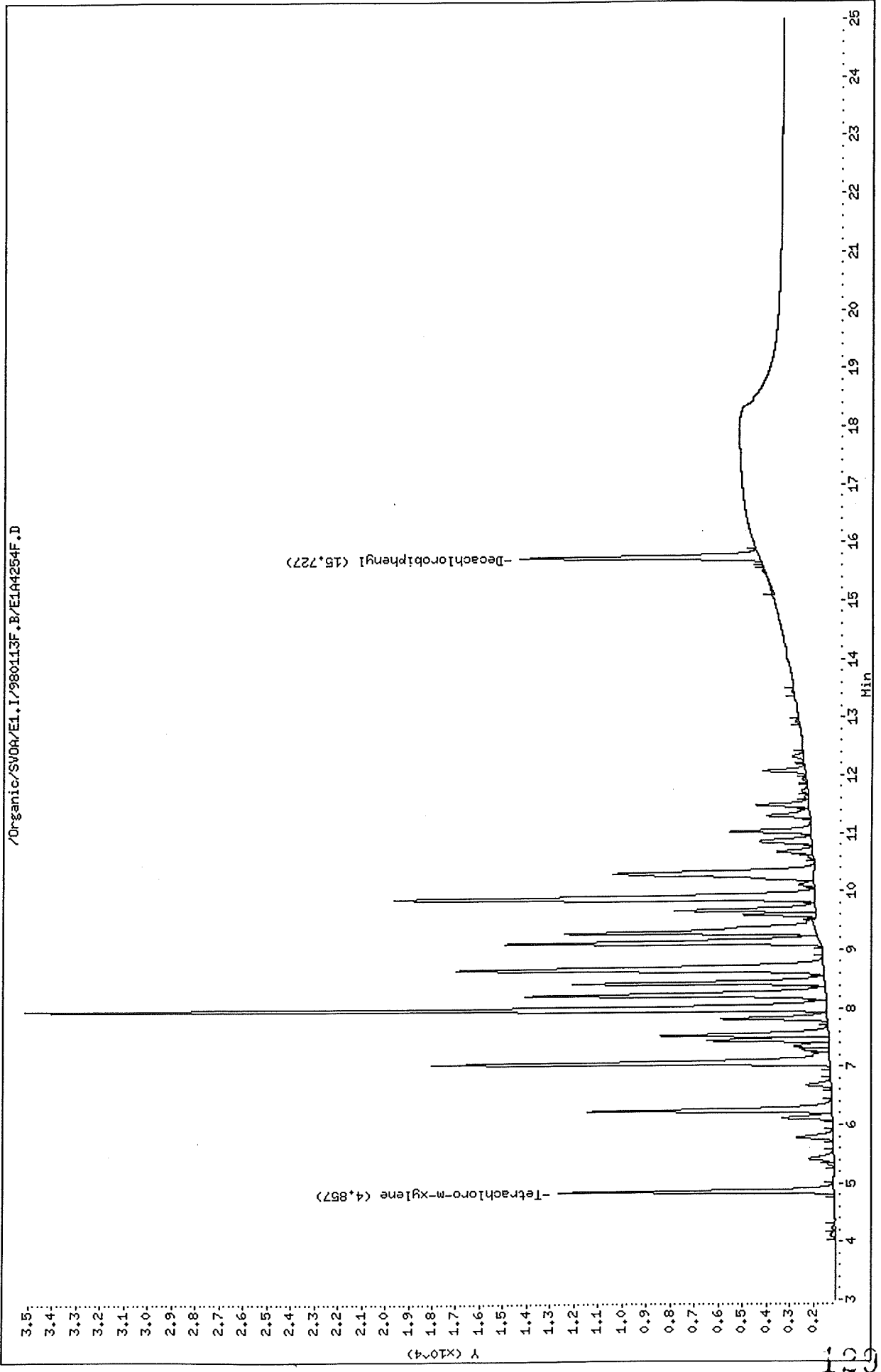
QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

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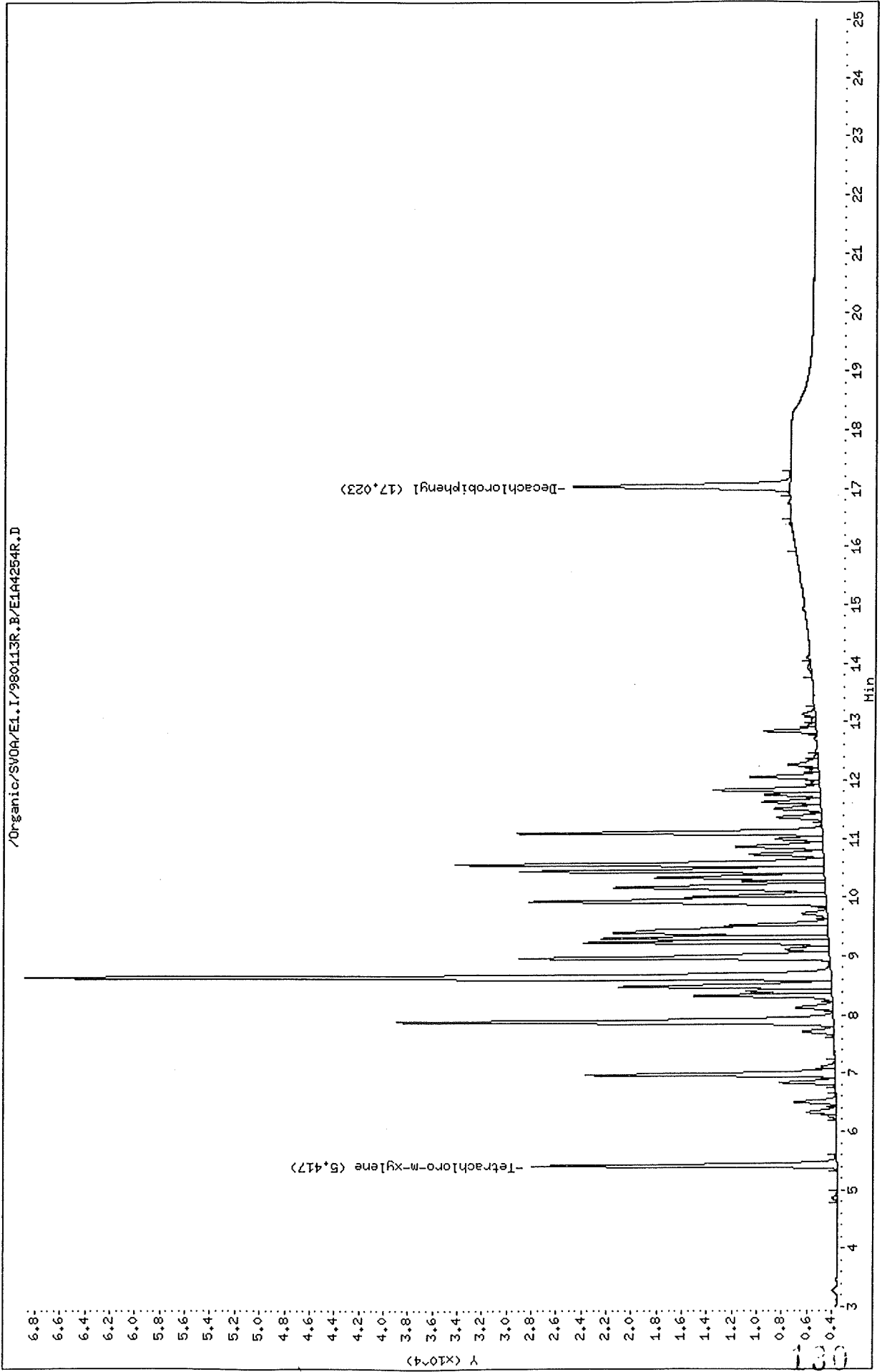
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4254F.D
Date : 14-JAN-1998 04:23
Client ID: AR1242A4
Sample Info: AR1242A4,AR1242A4,,ar1242.sub
Volume Injected (uL): 2.0
Column Phase: DB-1701

Instrument: EI.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4254R.D
Date : 14-JAN-1998 04:23
Client ID: AR1242A4
Sample Info: AR1242A4,AR1242A4,,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4254F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4254R.D
 Inj Date : 14-JAN-1998 04:23
 Sample Info: AR1242A4,AR1242A4,,ar1242.sub
 Misc Info : ,4
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

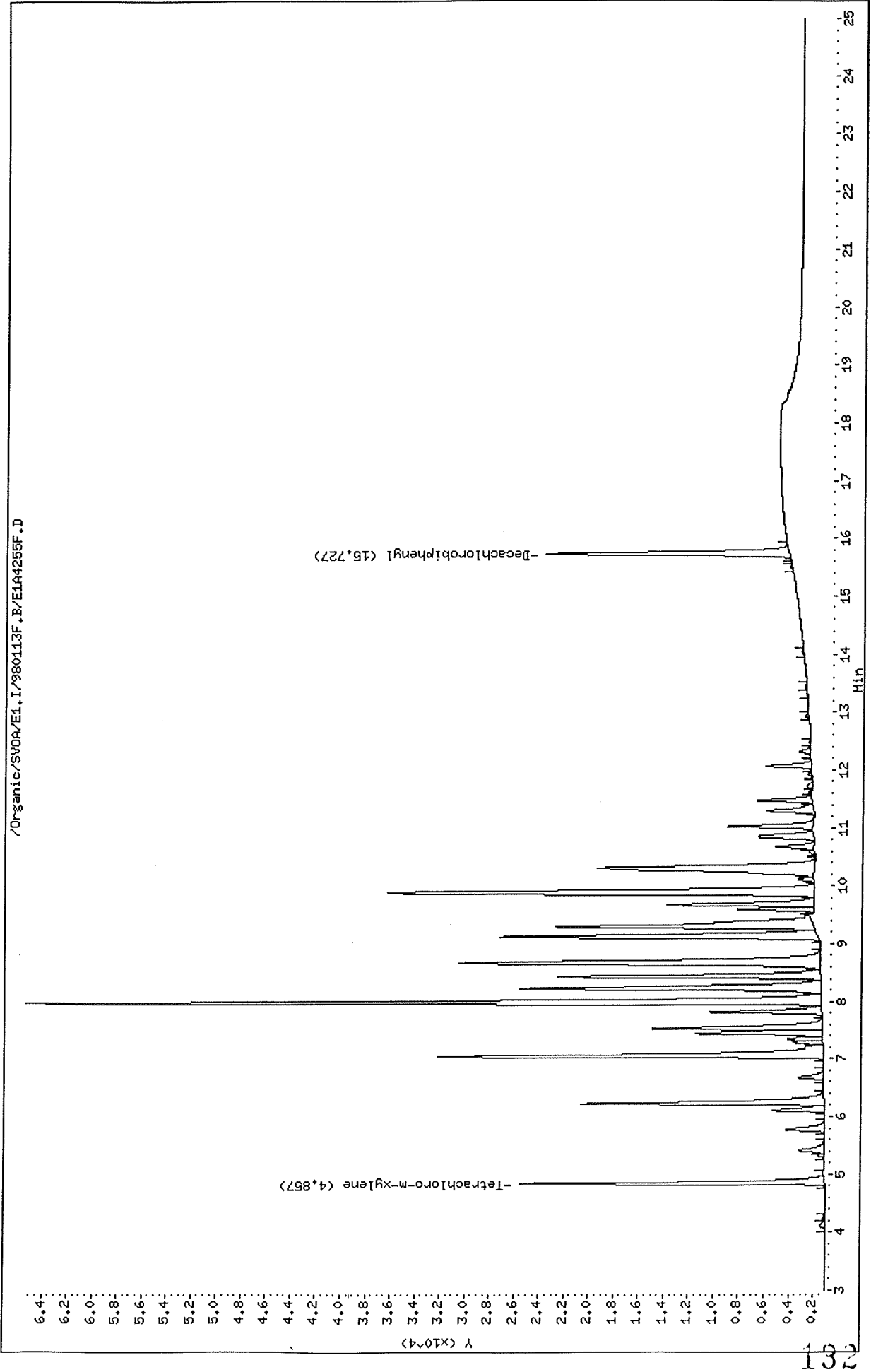
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|--------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 11534 | 24309 | 0.106 | 0.106 | | 100.00 |
| Aroclor-1242 | 6.240 | 6.977 | 10255 | 19928 | 4.808 | 4.675 | 80.00- 120.00 | 100.00 |
| | 7.053 | 7.890 | 16775 | 35008 | 4.609 | 4.490 | 154.68- 194.68 | 163.58 |
| | 7.983 | 8.647 | 33712 | 64686 | 4.868 | 4.833 | 327.18- 367.18 | 328.74 |
| | 8.233 | 8.977 | 12616 | 24799 | 4.873 | 4.757 | 106.52- 146.52 | 123.02 |
| | 8.437 | 9.240 | 10560 | 19567 | 5.187 | 5.113 | 78.27- 118.27 | 102.97 |
| | Average of Peak Amounts = | | | | 4.869 | 4.773 | | |
| Decachlorobiphenyl | 15.727 | 17.023 | 10032 | 17316 | 0.089 | 0.091 | | 100.00 |

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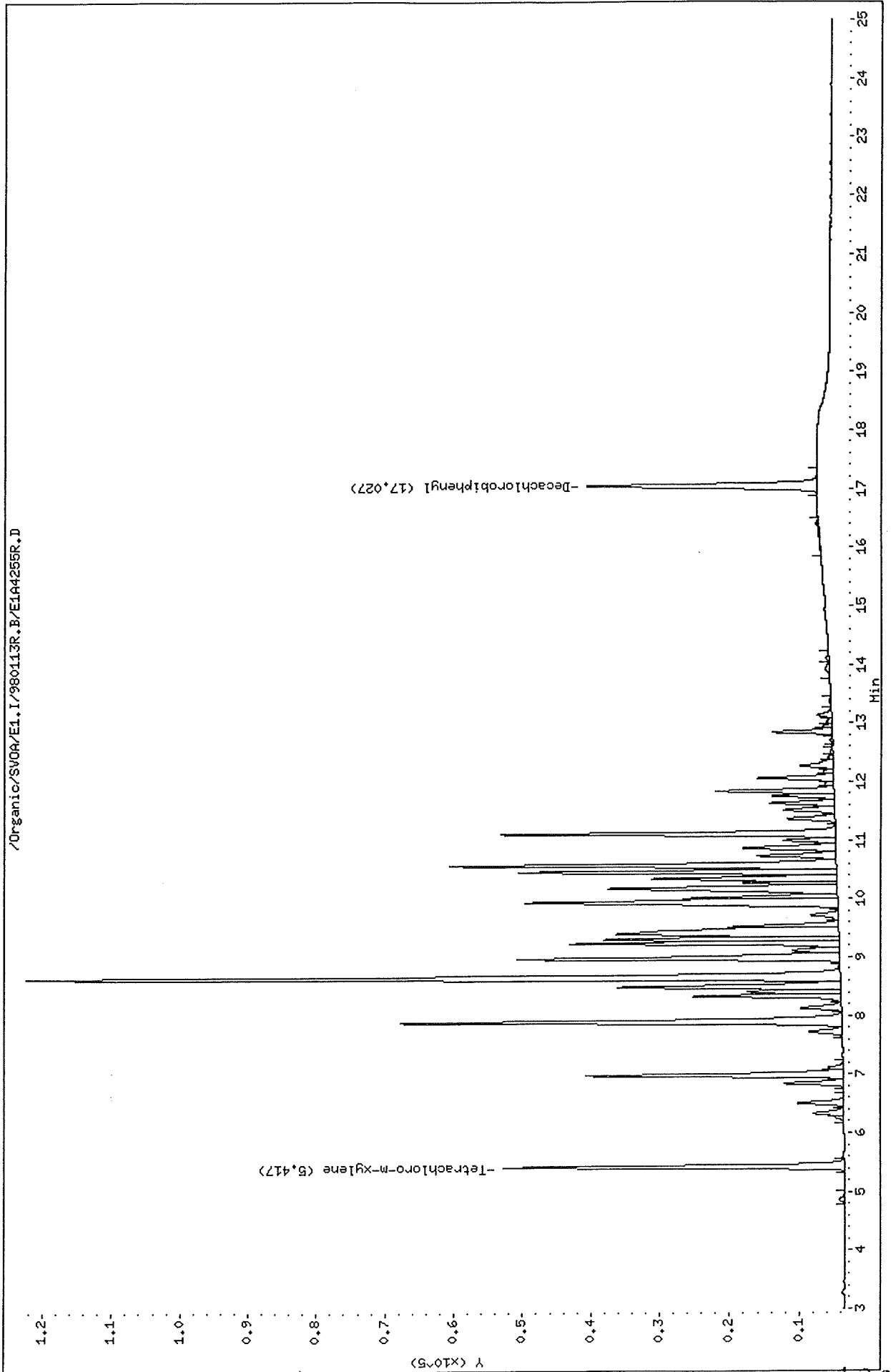
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4255F.D
Date : 14-JAN-1998 04:51
Client ID: AR1242A5
Sample Info: AR1242A5,AR1242A5,,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4255R.D
Date : 14-JAN-1998 04:51
Client ID: AR1242A5
Sample Info: AR1242A5,AR1242A5,,ar1242.sub
Volume Injected: (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4255F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4255R.D
 Inj Date : 14-JAN-1998 04:51
 Sample Info: AR1242A5,AR1242A5,,ar1242.sub
 Misc Info : ,5
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|--------|--------|---------------------------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 24446 | 49493 | 0.226 | 0.217 | | 100.00 |
| Aroclor-1242 | 6.240 | 6.977 | 19459 | 37085 | 9.124 | 8.701 | 80.00- 120.00 | 100.00 |
| | 7.053 | 7.887 | 30977 | 63997 | 8.511 | 8.208 | 154.68- 194.68 | 159.19 |
| | 7.983 | 8.647 | 63918 | 118318 | 9.231 | 8.841 | 327.18- 367.18 | 328.48 |
| | 8.230 | 8.977 | 24138 | 46627 | 9.323 | 8.944 | 106.52- 146.52 | 124.05 |
| | 8.437 | 9.240 | 21150 | 38875 | 10.389 | 10.159 | 78.27- 118.27 | 108.69 |
| | | | Average of Peak Amounts = | | 9.315 | 8.970 | | |
| Decachlorobiphenyl | 15.727 | 17.027 | 19531 | 33181 | 0.174 | 0.175 | | 100.00(A) |

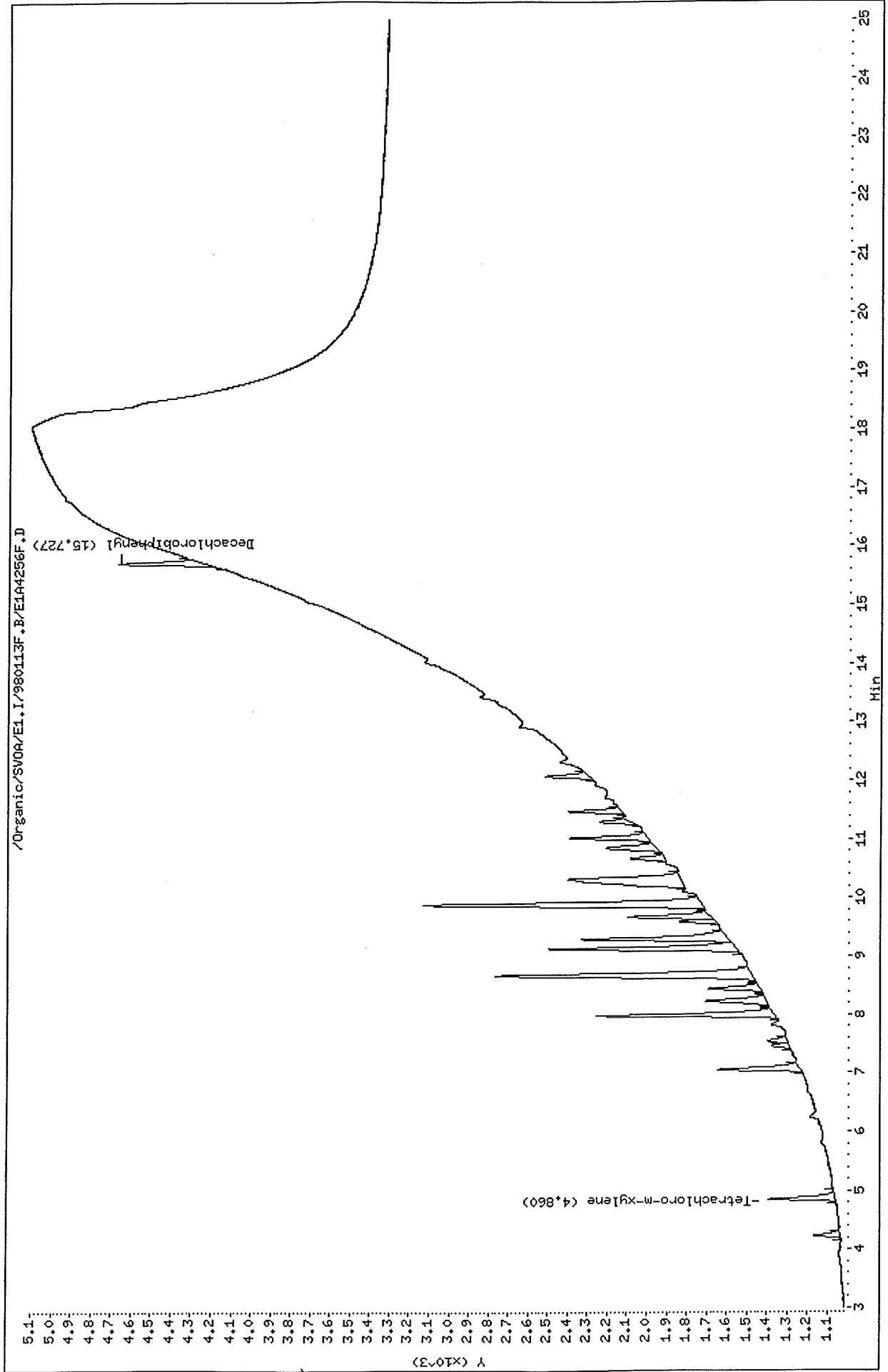
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

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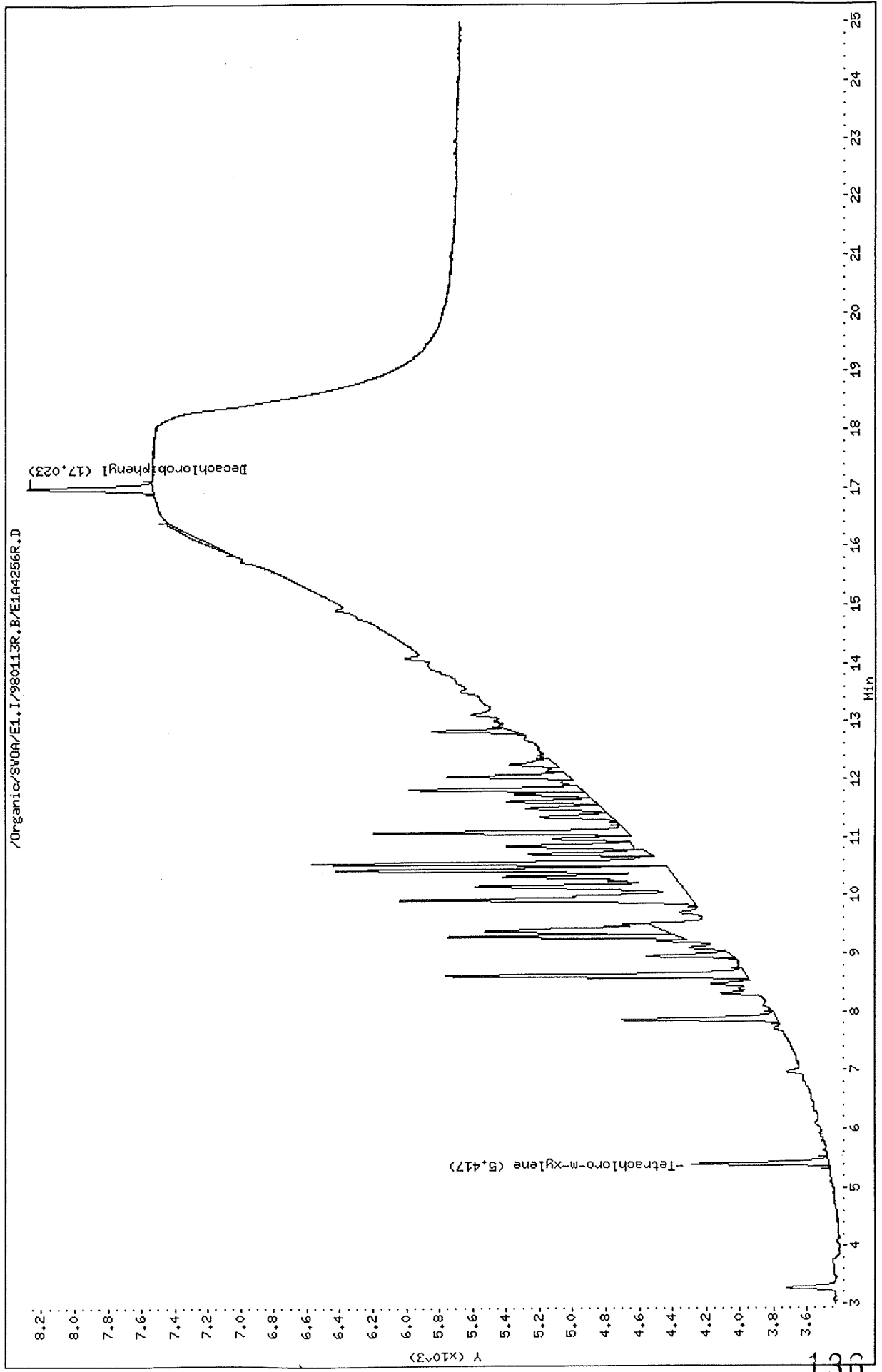
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4256F.D
Date: 14-JAN-1998 05:19
Client ID: AR1248A1
Sample Info: AR1248A1.AR1248A1.ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4256R.D
Date : 14-JAN-1998 05:19
Client ID: AR1248A1
Sample Info: AR1248A1,AR1248A1,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4256F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4256R.D
 Inj Date : 14-JAN-1998 05:19
 Sample Info: AR1248A1,AR1248A1,,ar1248.sub
 Misc Info : ,1
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-------------|
| Tetrachloro-m-xylene | 4.860 | 5.417 | 333 | 813 | 0.003 | 0.003 | | 100.00 (aM) |
| Aroclor-1248 | 7.990 | 10.453 | 894 | 2004 | 0.197 | 0.216 | 80.00- 120.00 | 100.00 (a) |
| | 8.677 | 10.730 | 1294 | 729 | 0.232 | 0.217 | 104.50- 144.50 | 144.74 (a) |
| | 9.130 | 11.100 | 945 | 1524 | 0.210 | 0.192 | 83.14- 123.14 | 105.70 (a) |
| | Average of Peak Amounts = | | | | 0.213 | 0.208 | | |
| Decachlorobiphenyl | 15.727 | 17.023 | 430 | 752 | 0.003 | 0.004 | | 100.00 (aM) |

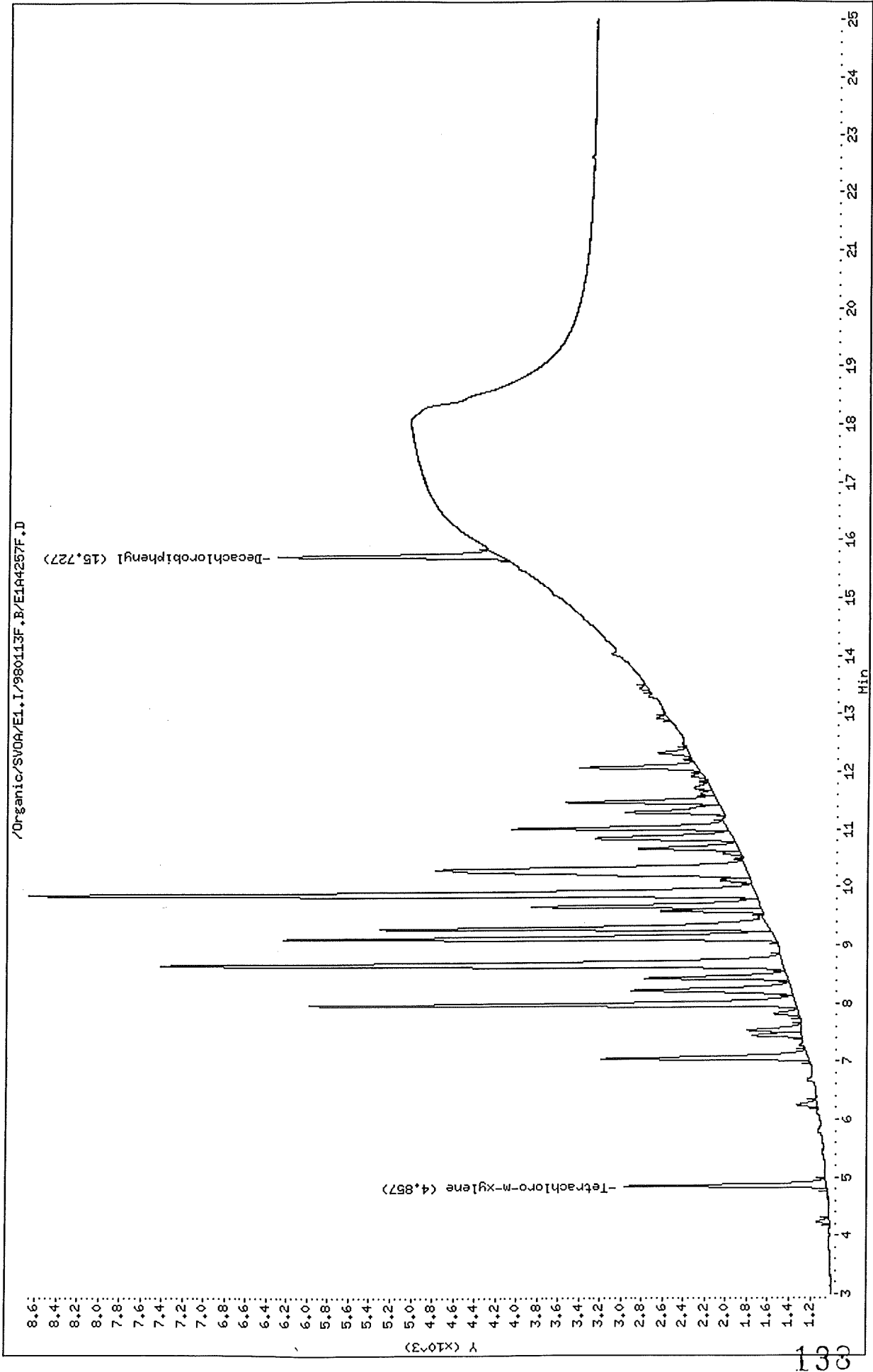
QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation (BLOQ).
- M - Compound response manually integrated.

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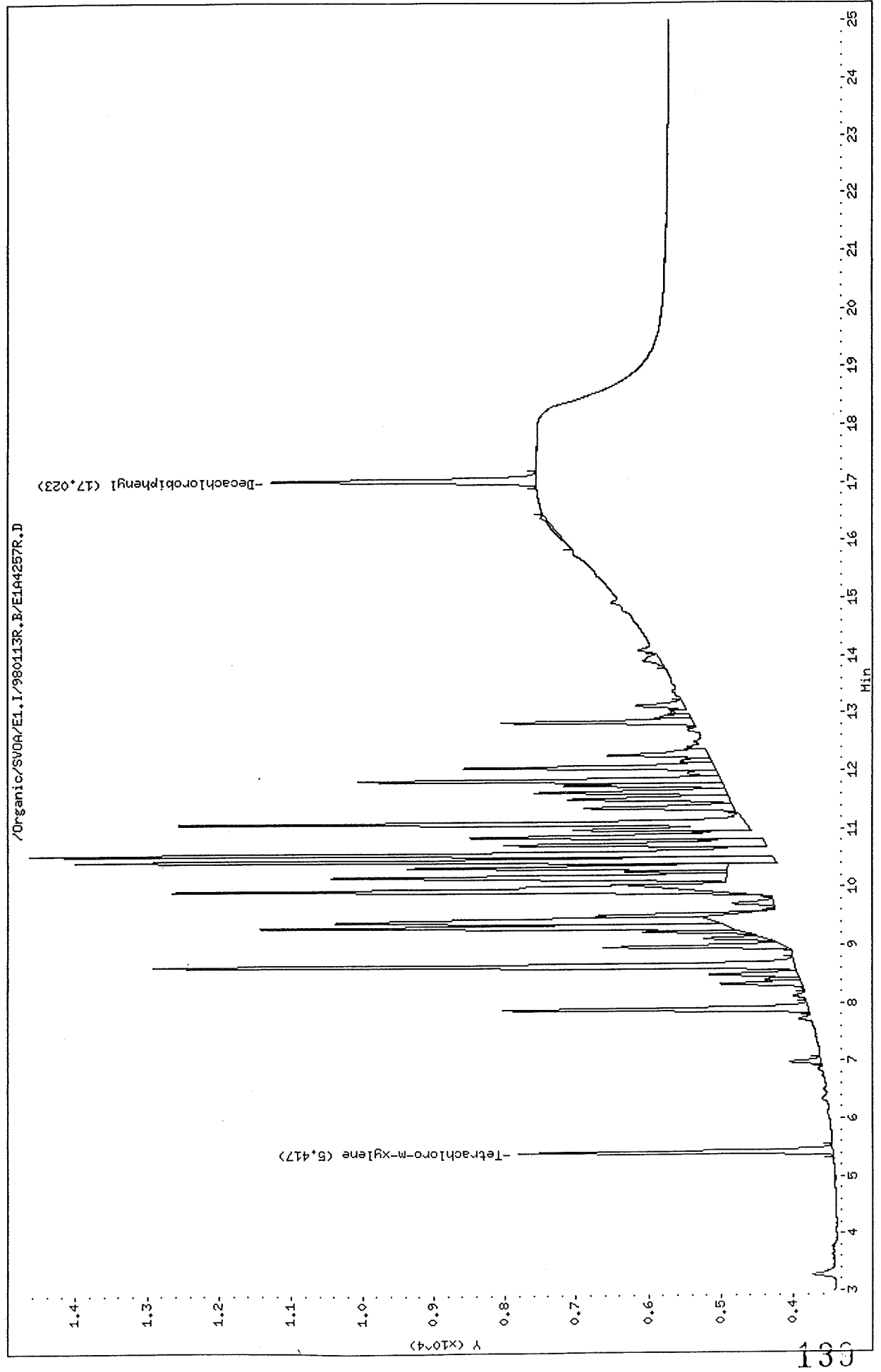
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4257F.D
Date : 14-JAN-1998 05:47
Client ID: AR1248A2
Sample Info: AR1248A2,AR1248A2,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV04/E1.I/980113R.B/E1A4257R.D
Date : 14-JAN-1998 05:47
Client ID: AR1248A2
Sample Info: AR1248A2,AR1248A2,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4257F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4257R.D
 Inj Date : 14-JAN-1998 05:47
 Sample Info: AR1248A2,AR1248A2,,ar1248.sub
 Misc Info : ,2
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-------------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 1919 | 4361 | 0.017 | 0.019 | | 100.00 (a) |
| Aroclor-1248 | 7.987 | 10.453 | 4645 | 9741 | 1.026 | 1.053 | 80.00- 120.00 | 100.00 |
| | 8.677 | 10.730 | 5962 | 3612 | 1.070 | 1.075 | 104.50- 144.50 | 128.35 |
| | 9.127 | 11.100 | 4699 | 7892 | 1.048 | 0.999 | 83.14- 123.14 | 101.16 |
| | Average of Peak Amounts = | | | | 1.048 | 1.042 | | |
| Decachlorobiphenyl | 15.727 | 17.023 | 2157 | 3708 | 0.019 | 0.019 | | 100.00 (aM) |

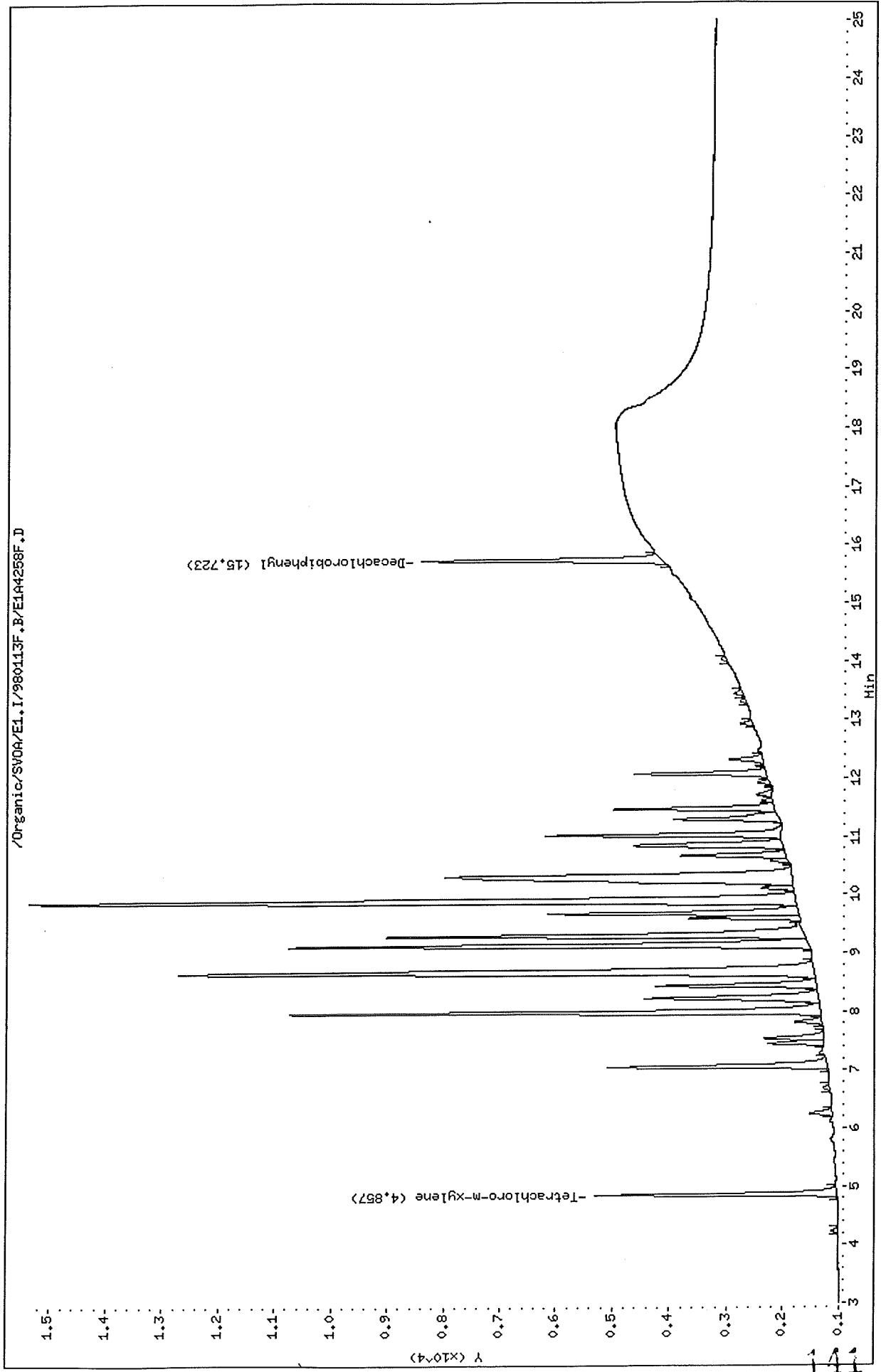
QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

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Data File: /Organic/SV0A/E1.I/980113F.B/E1A4258F.D
Date: 14-JAN-1998 06:15
Client ID: AR1248A3
Sample Info: AR1248A3,AR1248A3,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4258R.D

Date : 14-JAN-1998 06:15

Client ID: AR1248A3

Sample Info: AR1248A3,AR1248A3,,ar1248.sub

Volume Injected (uL): 2.0

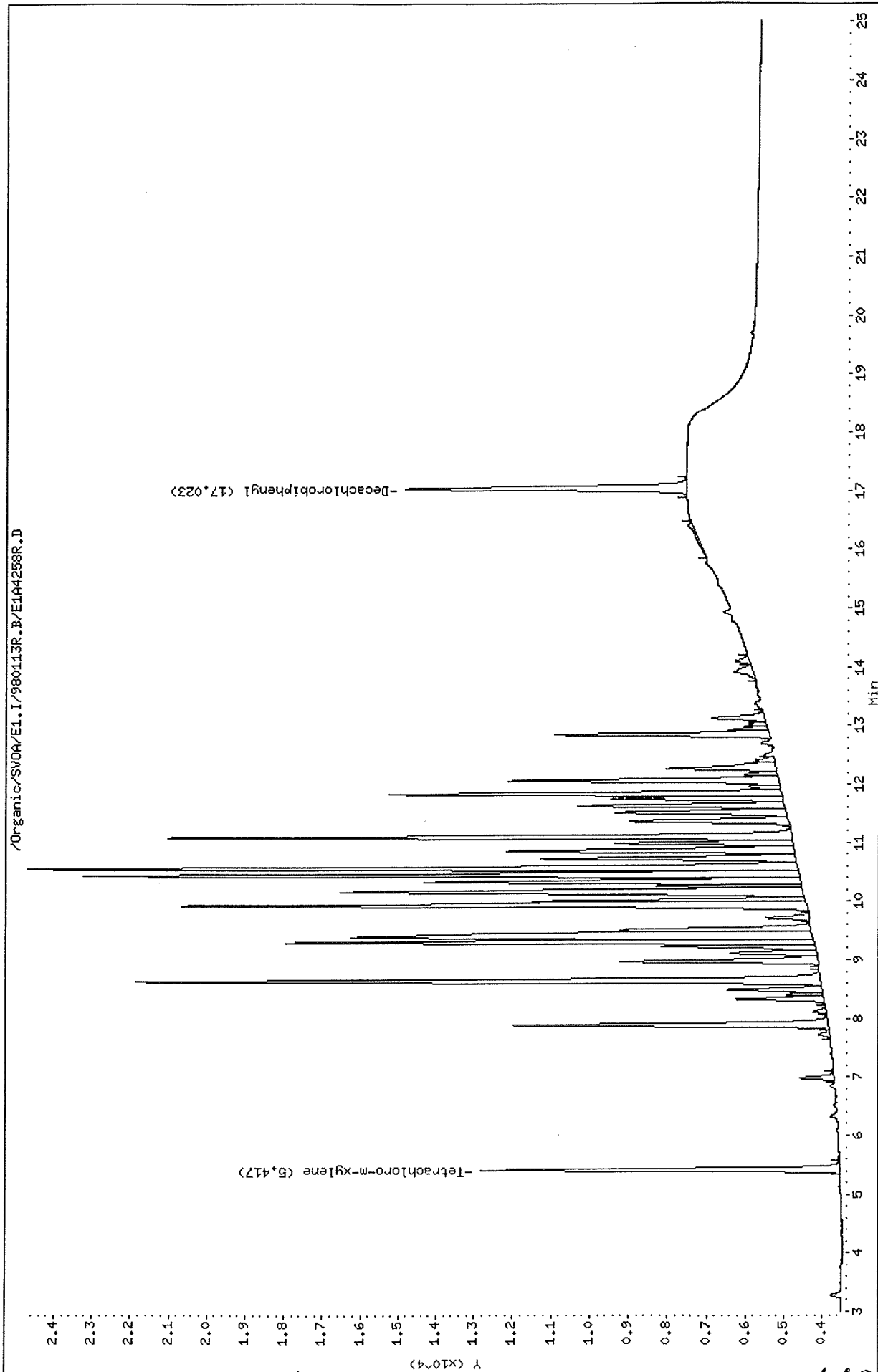
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV0A/E1.I/980113R.B/E1A4258R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4258F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4258R.D
 Inj Date : 14-JAN-1998 06:15
 Sample Info: AR1248A3,AR1248A3,,ar1248.sub
 Misc Info : ,3
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 4275 | 9294 | 0.039 | 0.040 | | 100.00 (a) |
| Aroclor-1248 | 7.983 | 10.450 | 9401 | 18627 | 2.077 | 2.014 | 80.00- 120.00 | 100.00 |
| | 8.673 | 10.730 | 11261 | 6587 | 2.022 | 1.961 | 104.50- 144.50 | 119.79 |
| | 9.123 | 11.097 | 9210 | 16202 | 2.055 | 2.051 | 83.14- 123.14 | 97.97 |
| | Average of Peak Amounts = | | | | 2.051 | 2.008 | | |
| Decachlorobiphenyl | 15.723 | 17.023 | 4292 | 7311 | 0.038 | 0.038 | | 100.00 (a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation (BL0Q).

GL
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Data File: /Organic/SV0A/E1.I/980113F.B/E1A4259F.D

Date: 14-JAN-1998 06:43

Client ID: AR1248A4

Sample Info: AR1248A4,AR1248A4,,ar1248.sub

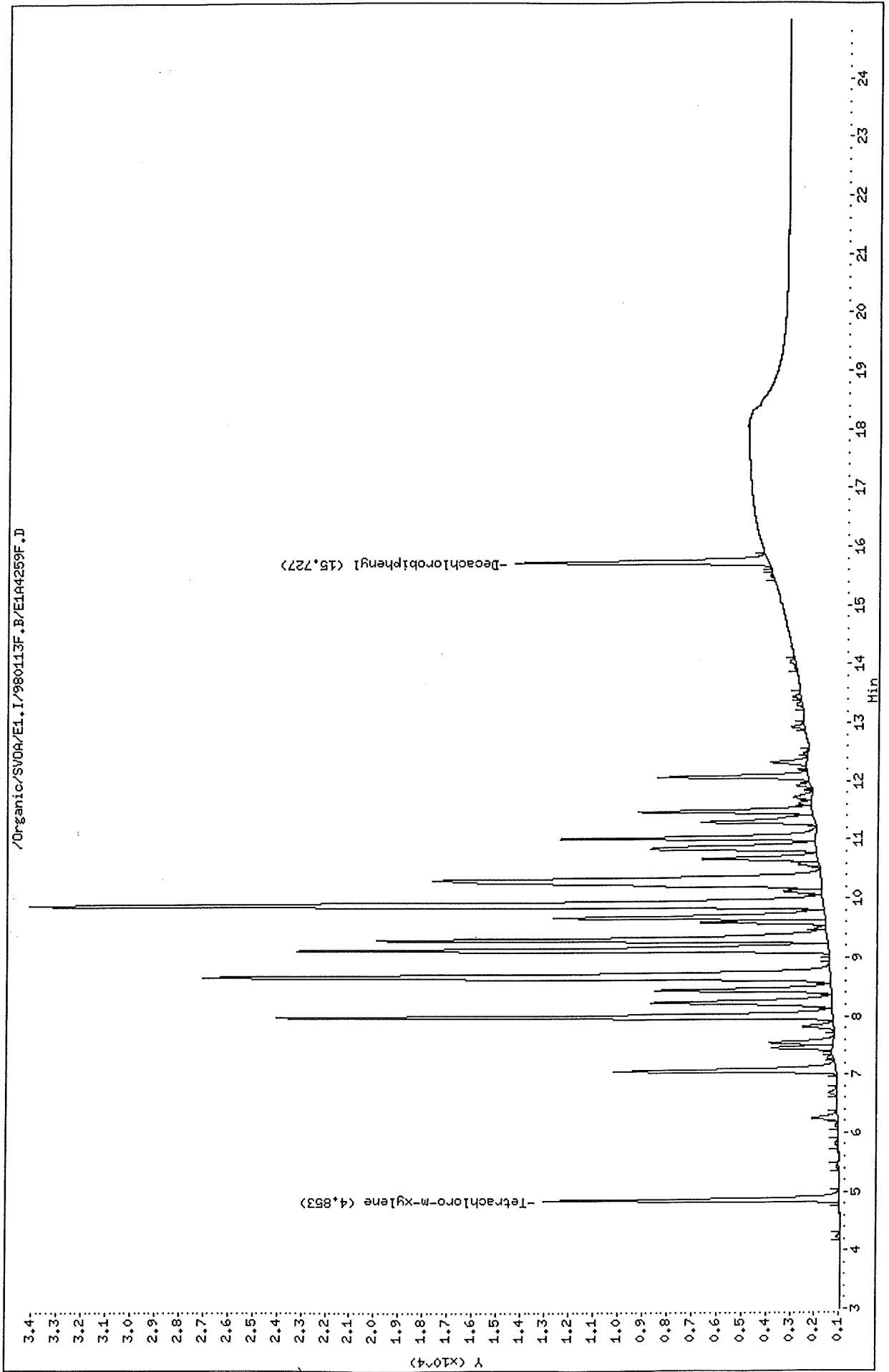
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

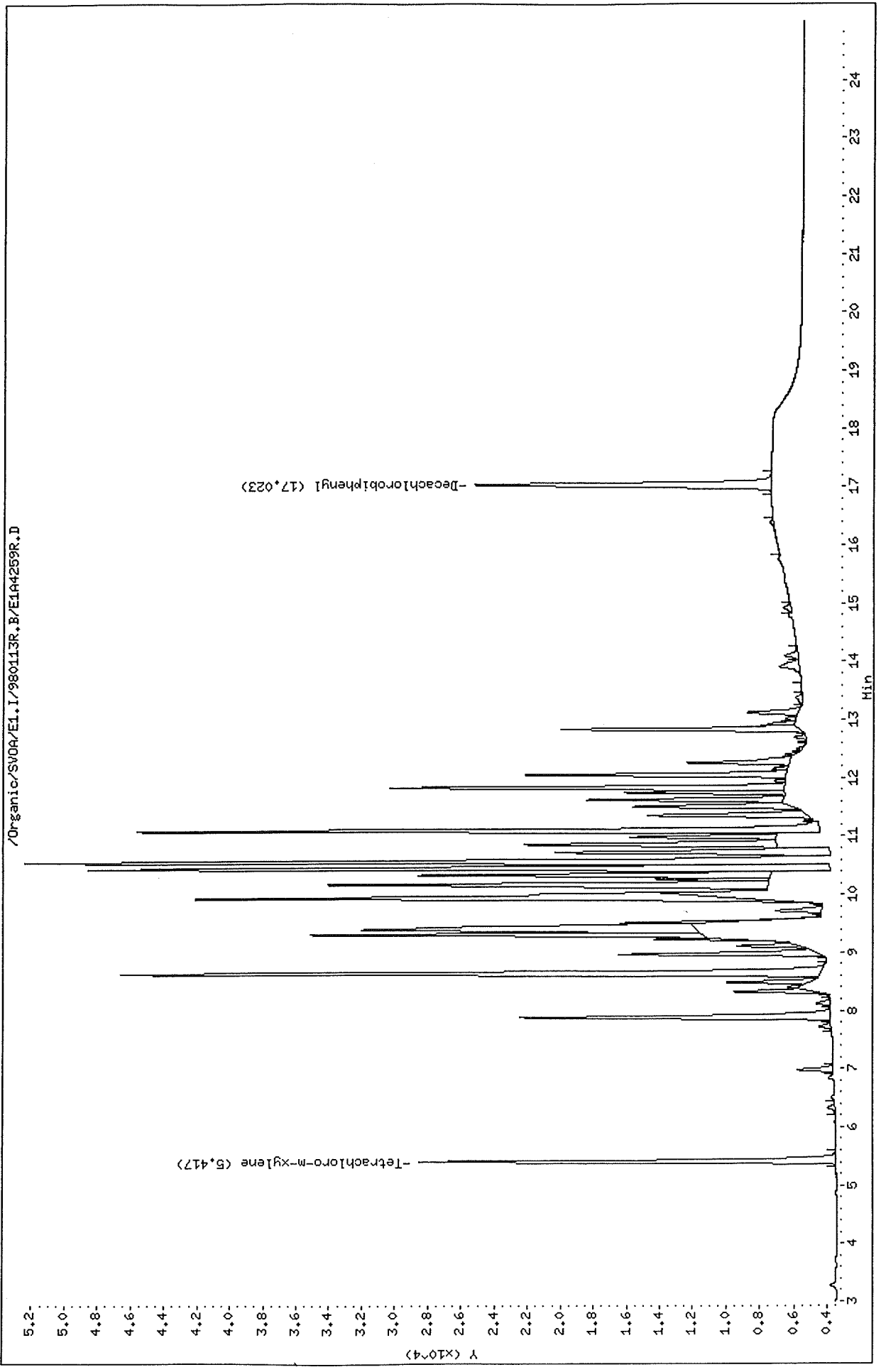
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4259R.D
Date : 14-JAN-1998 06:43
Client ID: AR1248A4
Sample Info: AR1248A4,AR1248A4,,ar1248.sub
Volume Injected (ul): 2.0
Column Phase: DB-608

Instrument: EI.I
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4259F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4259R.D
 Inj Date : 14-JAN-1998 06:43
 Sample Info: AR1248A4,AR1248A4,,ar1248.sub
 Misc Info : ,4
 Cal Date : 15-JAN-1998 10:47
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|--------|
| Tetrachloro-m-xylene | 4.853 | 5.417 | 12068 | 25054 | 0.111 | 0.109 | | 100.00 |
| Aroclor-1248 | 7.983 | 10.453 | 22797 | 44743 | 5.037 | 4.839 | 80.00- 120.00 | 100.00 |
| | 8.673 | 10.730 | 25692 | 16454 | 4.614 | 4.898 | 104.50- 144.50 | 112.70 |
| | 9.123 | 11.097 | 21746 | 41138 | 4.853 | 5.207 | 83.14- 123.14 | 95.39 |
| | Average of Peak Amounts = | | | | 4.834 | 4.981 | | |
| Decachlorobiphenyl | 15.727 | 17.023 | 10324 | 17859 | 0.092 | 0.094 | | 100.00 |

GL
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Data File: /Organic/SV0A/E1.1/980113F.B/E1A4260F.D

Date: 14-JAN-1998 07:11

Client ID: AR1248A5

Sample Info: AR1248A5,AR1248A5,,ar1248.sub

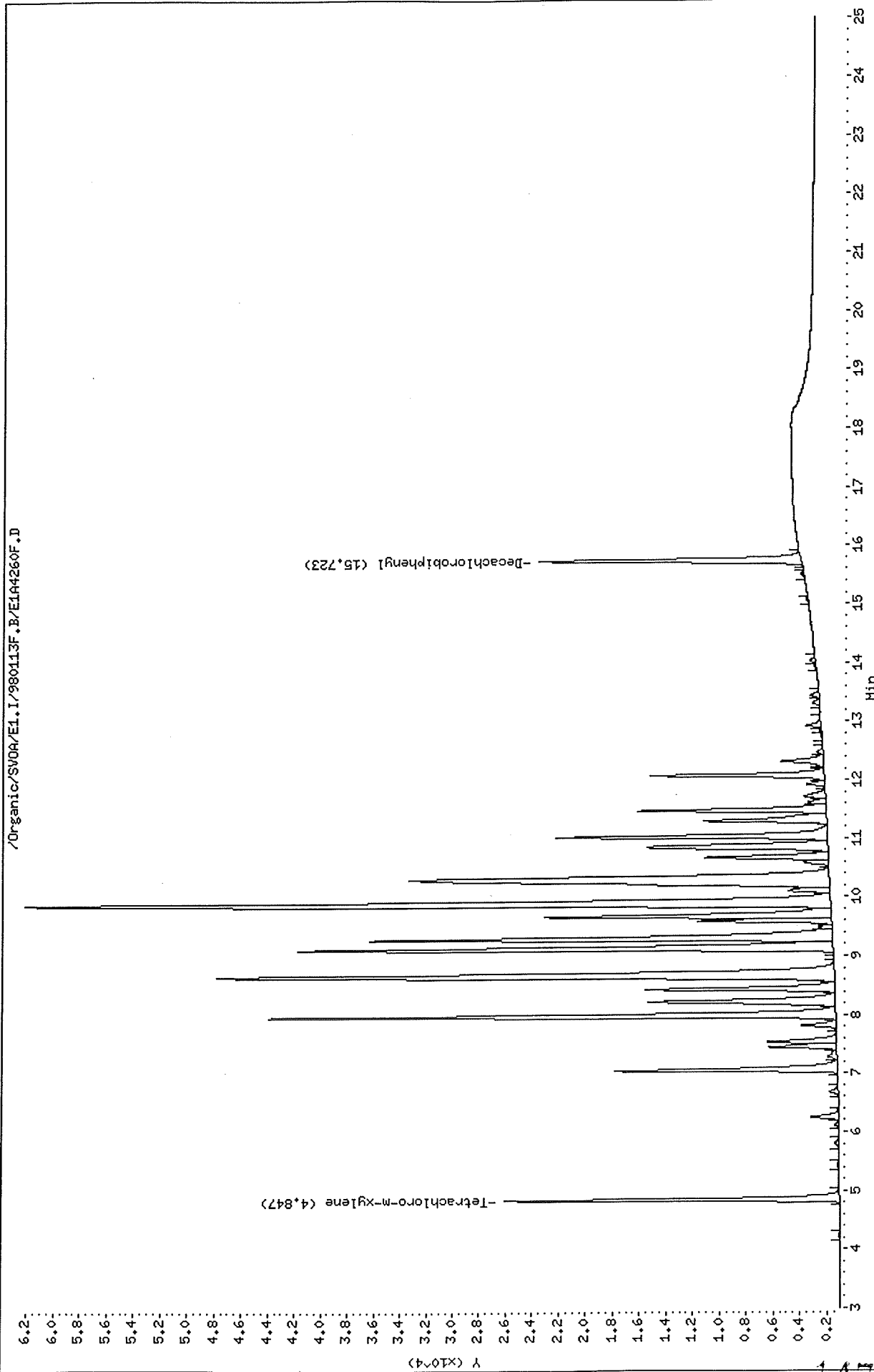
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

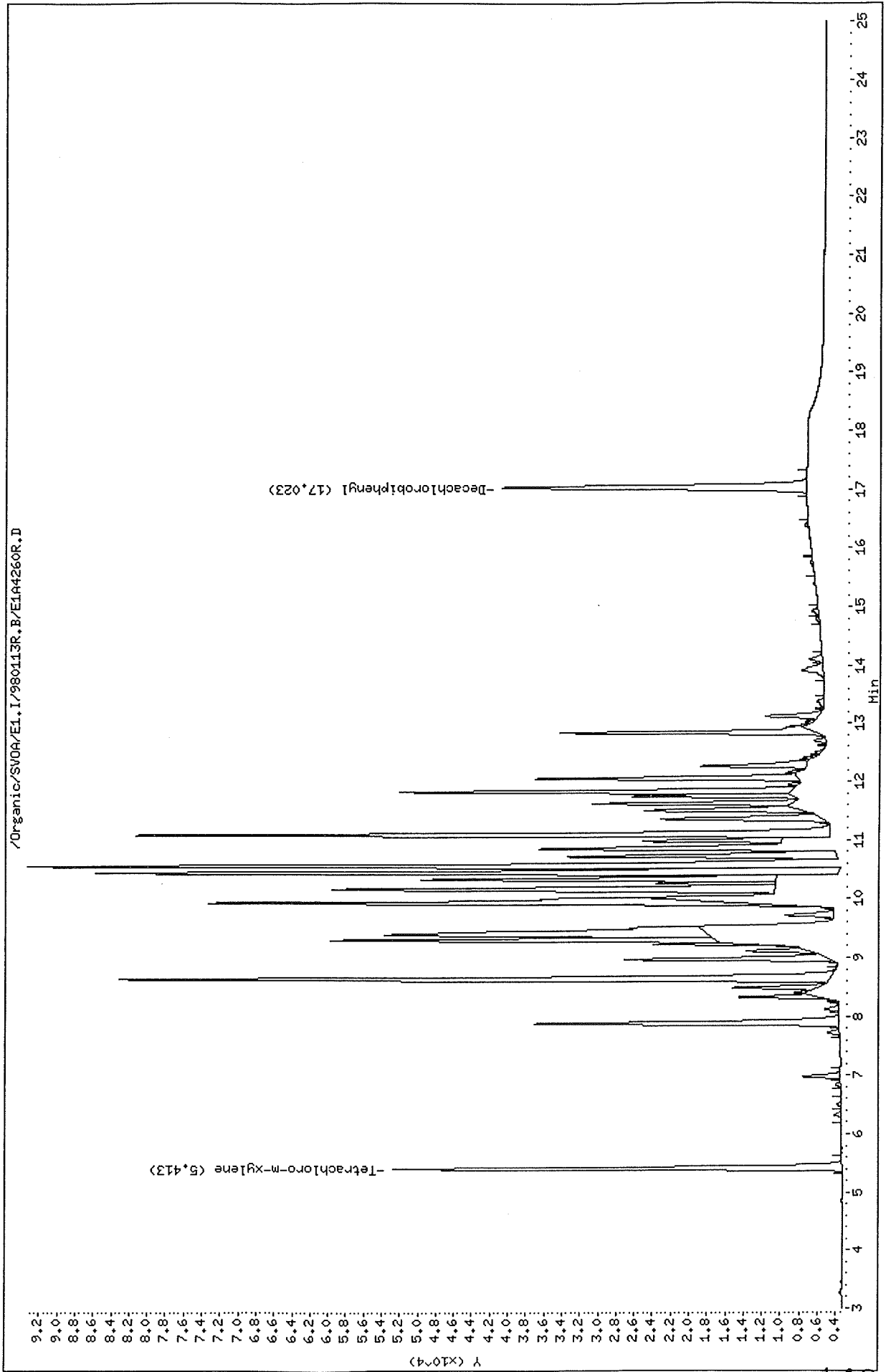
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4260R.D
Date : 14-JAN-1998 07:11
Client ID: AR1248A5
Sample Info: AR1248A5,AR1248A5,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4260F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4260R.D
 Inj Date : 14-JAN-1998 07:11
 Sample Info: AR1248A5,AR1248A5,,ar1248.sub
 Misc Info : ,5
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.847 | 5.413 | 24988 | 49483 | 0.231 | 0.216 | | 100.00 (A) |
| Aroclor-1248 | 7.980 | 10.450 | 42541 | 82057 | 9.399 | 8.875 | 80.00- 120.00 | 100.00 |
| | 8.670 | 10.730 | 46383 | 29525 | 8.330 | 8.790 | 104.50- 144.50 | 109.03 |
| | 9.120 | 11.097 | 40234 | 76567 | 8.980 | 9.692 | 83.14- 123.14 | 94.58 |
| | Average of Peak Amounts = | | | | 8.903 | 9.119 | | |
| Decachlorobiphenyl | 15.723 | 17.023 | 19538 | 33459 | 0.174 | 0.177 | | 100.00 (A) |

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

GL
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Data File: /Organic/SV0A/E1.I/980113F.B/E1A4261F.D

Date : 14-JAN-1998 07:39

Client ID: AR1254A1

Sample Info: AR1254A1.AR1254A1.ar1254.sub

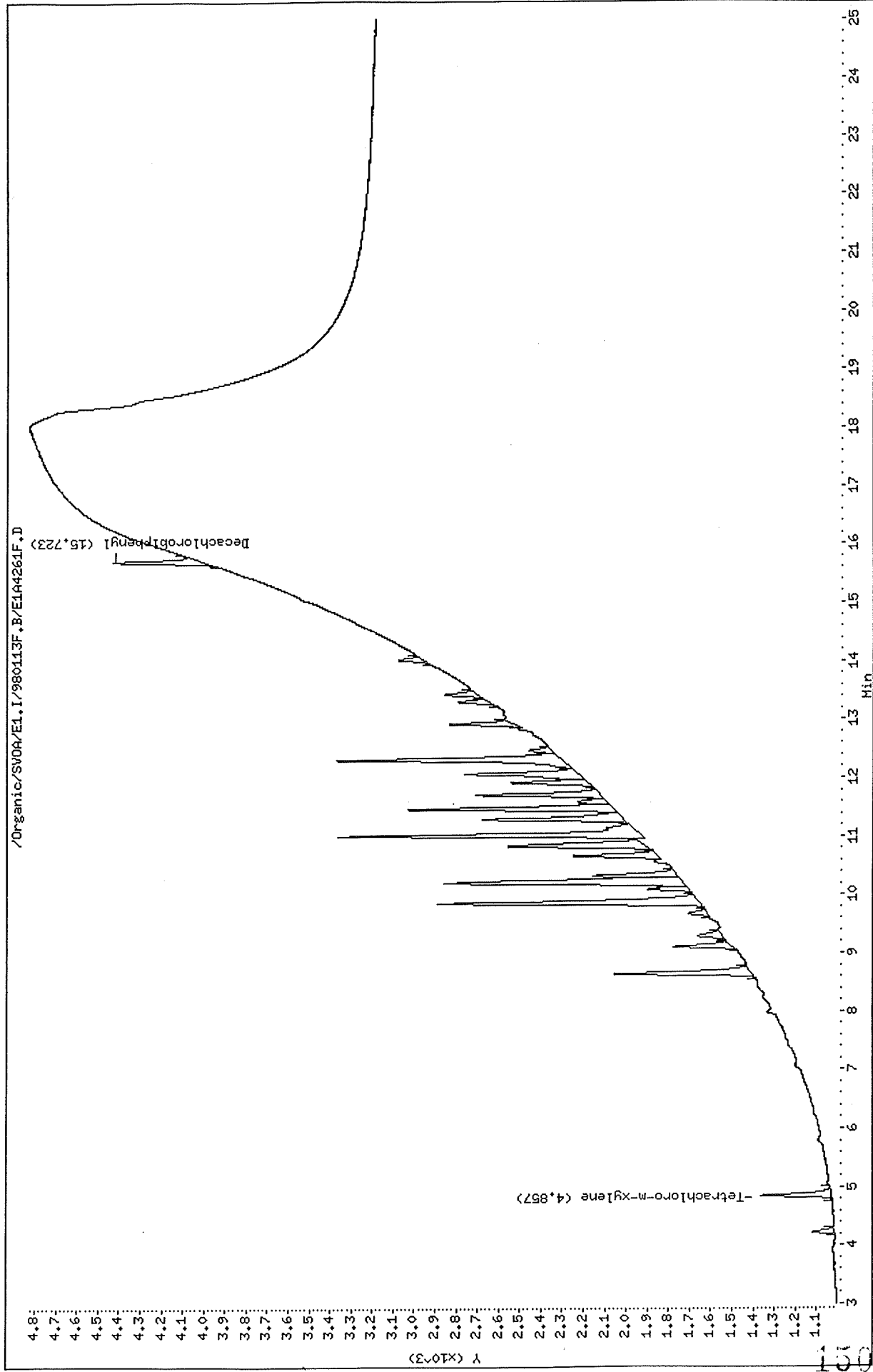
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

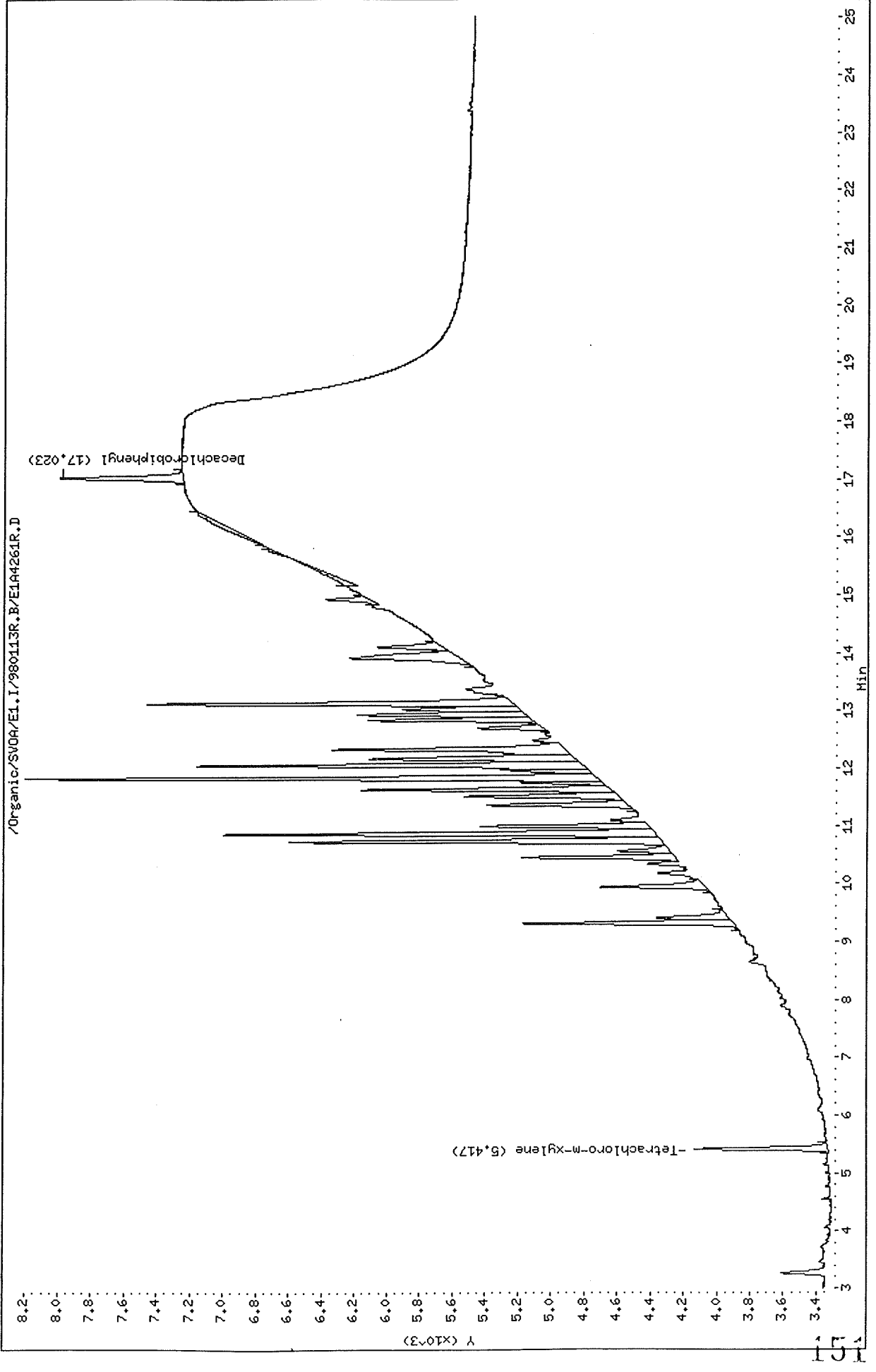
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/EI.1/980113R.B/E1A4261R.D
Date : 14-JAN-1998 07:39
Client ID: AR1254A1
Sample Info: AR1254A1.AR1254A1,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: EI.1
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4261F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4261R.D
 Inj Date : 14-JAN-1998 07:39
 Sample Info: AR1254A1,AR1254A1,,ar1254.sub
 Misc Info : ,1
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|---------------|---------------|----------------|-------------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 332 | 805 | 0.003 | 0.003 | | 100.00 (aM) |
| Decachlorobiphenyl | 15.723 | 17.023 | 432 | 745 | 0.003 | 0.003 | | 100.00 (aM) |
| Aroclor-1254 | 9.870 | 10.730 | 1242 | 2269 | 0.223 | 0.229 | 80.00- 120.00 | 100.00 (aM) |
| | 10.220 | 10.860 | 1129 | 2624 | 0.224 | 0.232 | 70.15- 110.15 | 90.90 (aM) |
| | 11.023 | 11.630 | 1432 | 1518 | 0.203 | 0.202 | 111.04- 151.04 | 115.30 (aM) |
| | 11.473 | 12.057 | 972 | 2352 | 0.203 | 0.212 | 68.39- 108.39 | 78.26 (aM) |
| | 11.713 | 12.333 | 590 | 1421 | 0.212 | 0.219 | 32.00- 72.00 | 47.50 (aM) |
| Average of Peak Amounts = | | | | | 0.213 | 0.218 | | |

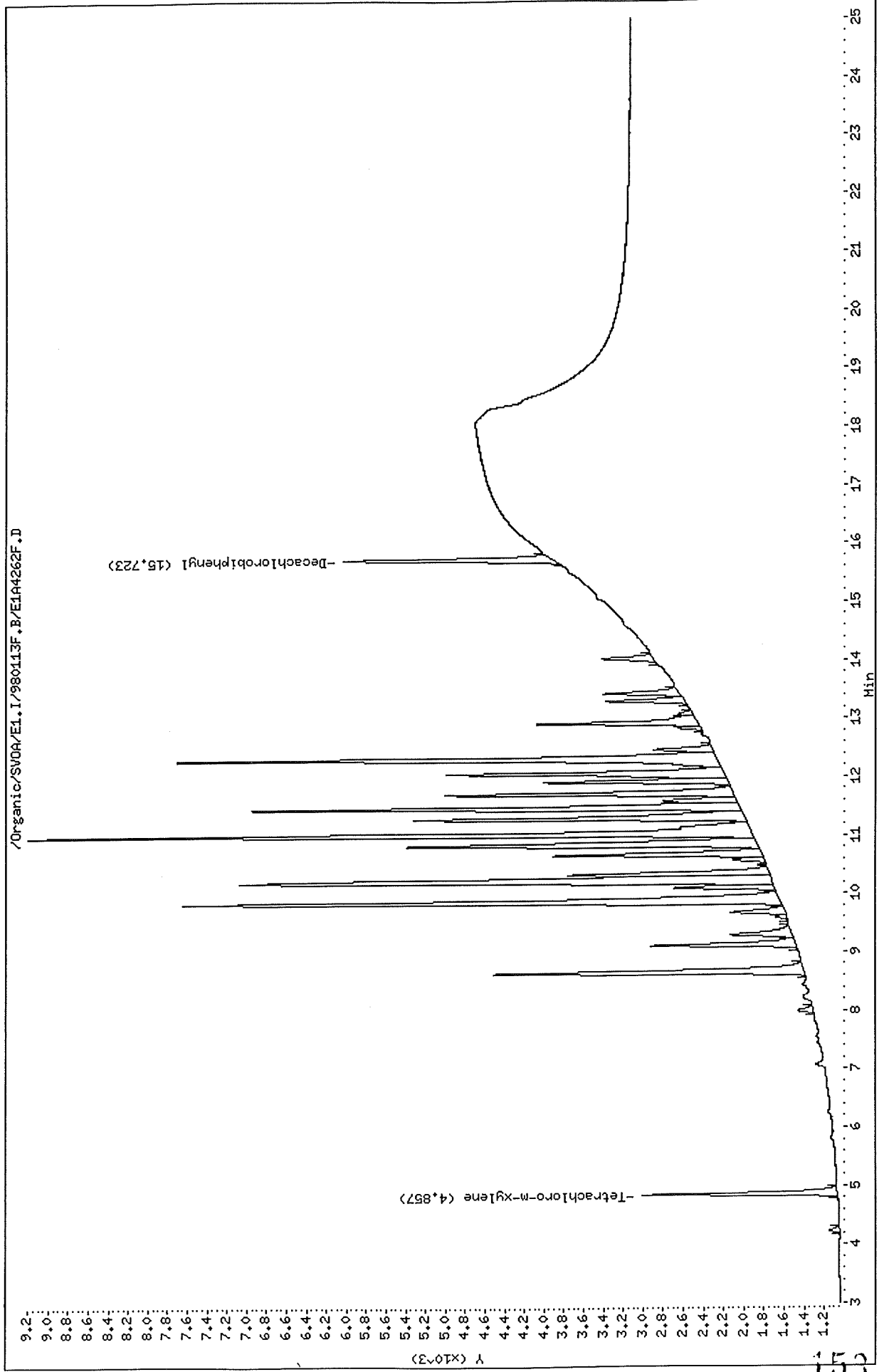
QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

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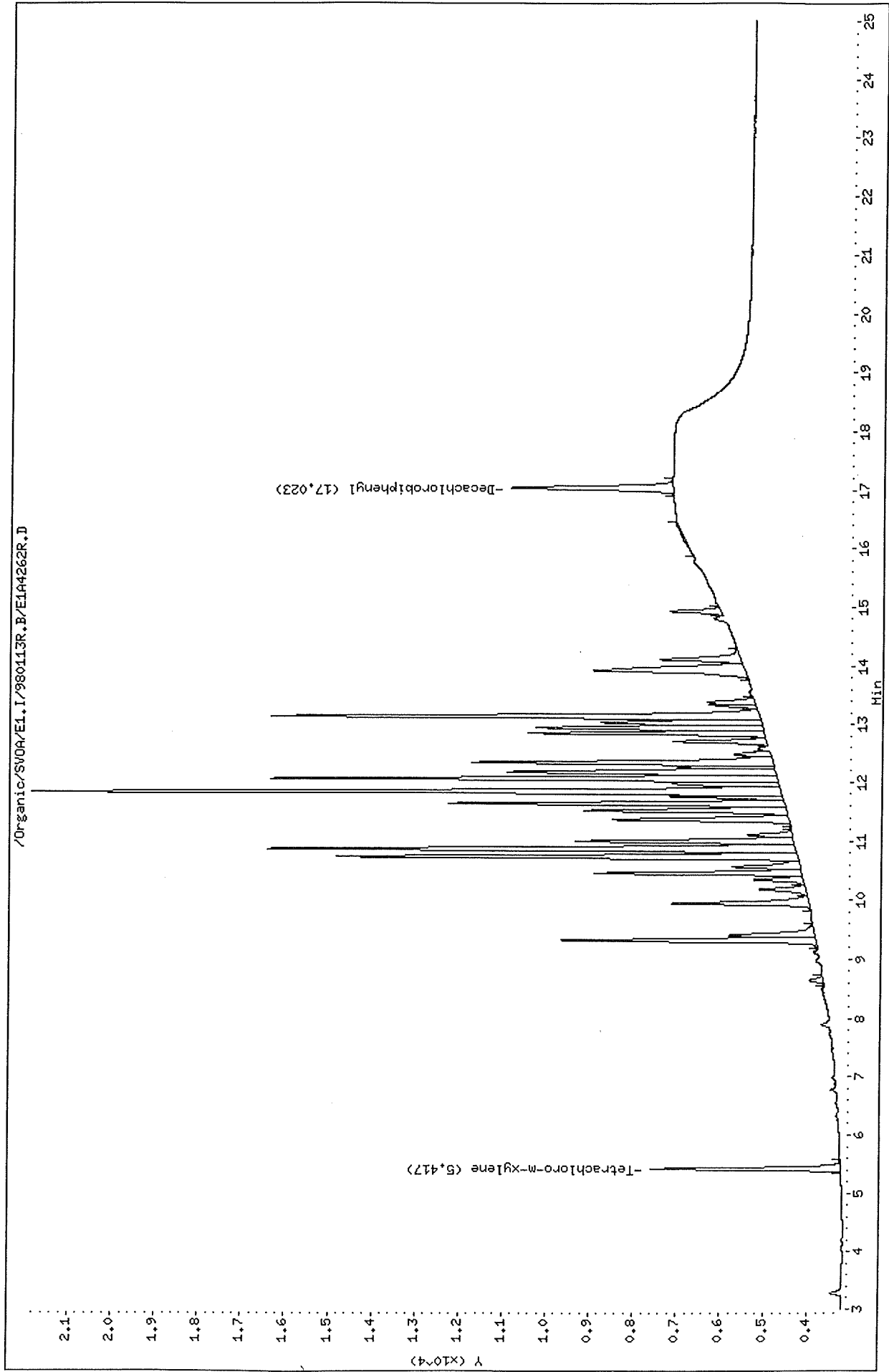
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4262F.D
Date : 14-JAN-1998 08:07
Client ID: AR125442
Sample Info: AR1254A2,AR125442,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4262R.D
Date: 14-JAN-1998 08:07
Client ID: AR1254A2
Sample Info: AR1254A2.AR1254A2.ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4262F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4262R.D
 Inj Date : 14-JAN-1998 08:07
 Sample Info: AR1254A2,AR1254A2,,ar1254.sub
 Misc Info : ,2
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 1936 | 4346 | 0.017 | 0.019 | | 100.00(a) |
| Decachlorobiphenyl | 15.723 | 17.023 | 2136 | 3733 | 0.019 | 0.019 | | 100.00(a) |
| Aroclor-1254 | 9.867 | 10.730 | 6024 | 10570 | 1.084 | 1.068 | 80.00- 120.00 | 100.00 |
| | 10.217 | 10.860 | 5360 | 12092 | 1.065 | 1.072 | 70.15- 110.15 | 88.98 |
| | 11.020 | 11.630 | 7287 | 7684 | 1.034 | 1.027 | 111.04- 151.04 | 120.97 |
| | 11.473 | 12.057 | 4923 | 11600 | 1.031 | 1.046 | 68.39- 108.39 | 81.72 |
| | 11.713 | 12.333 | 2909 | 6879 | 1.046 | 1.060 | 32.00- 72.00 | 48.29 |
| Average of Peak Amounts = | | | | | 1.052 | 1.054 | | |

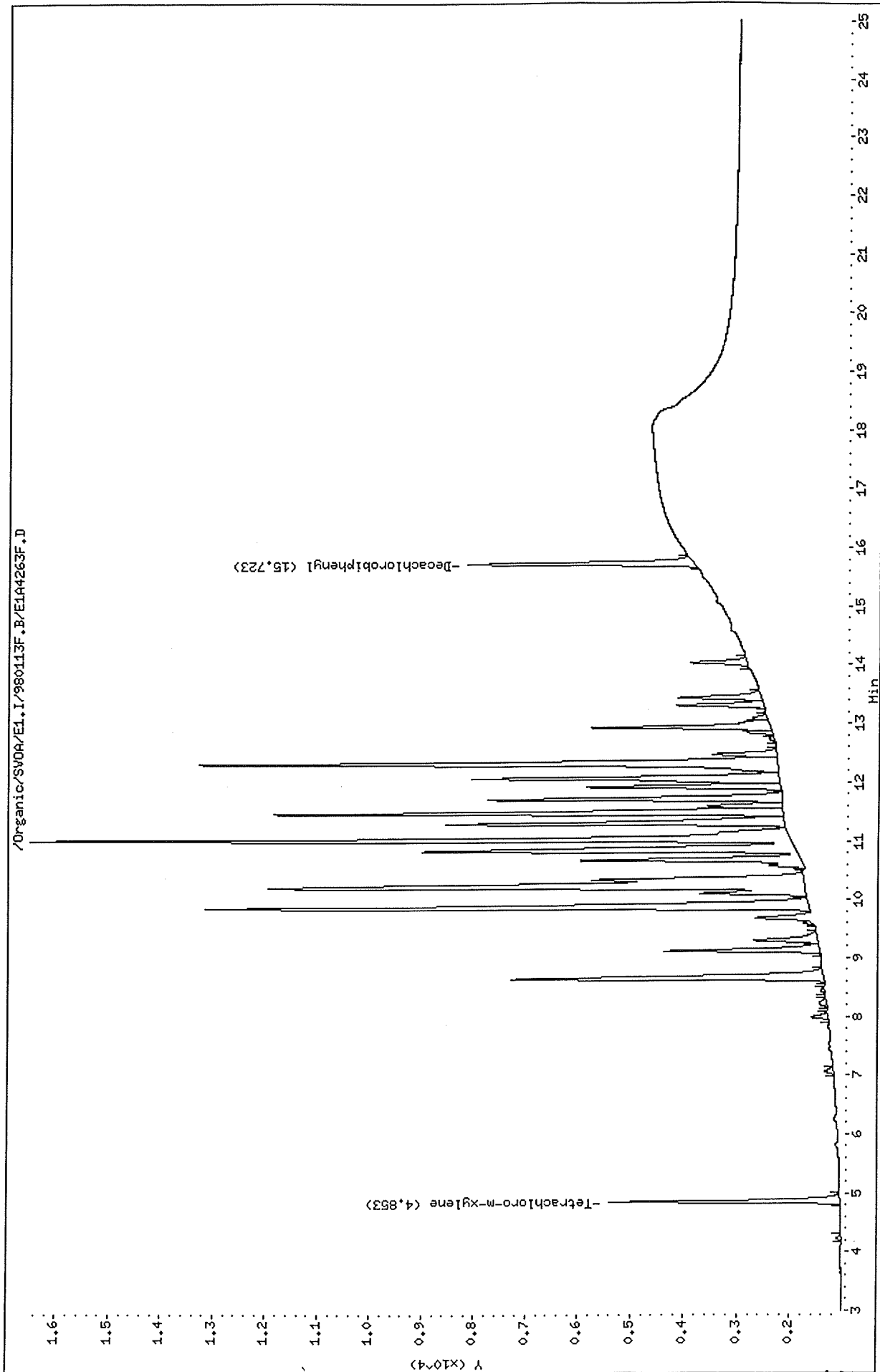
QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

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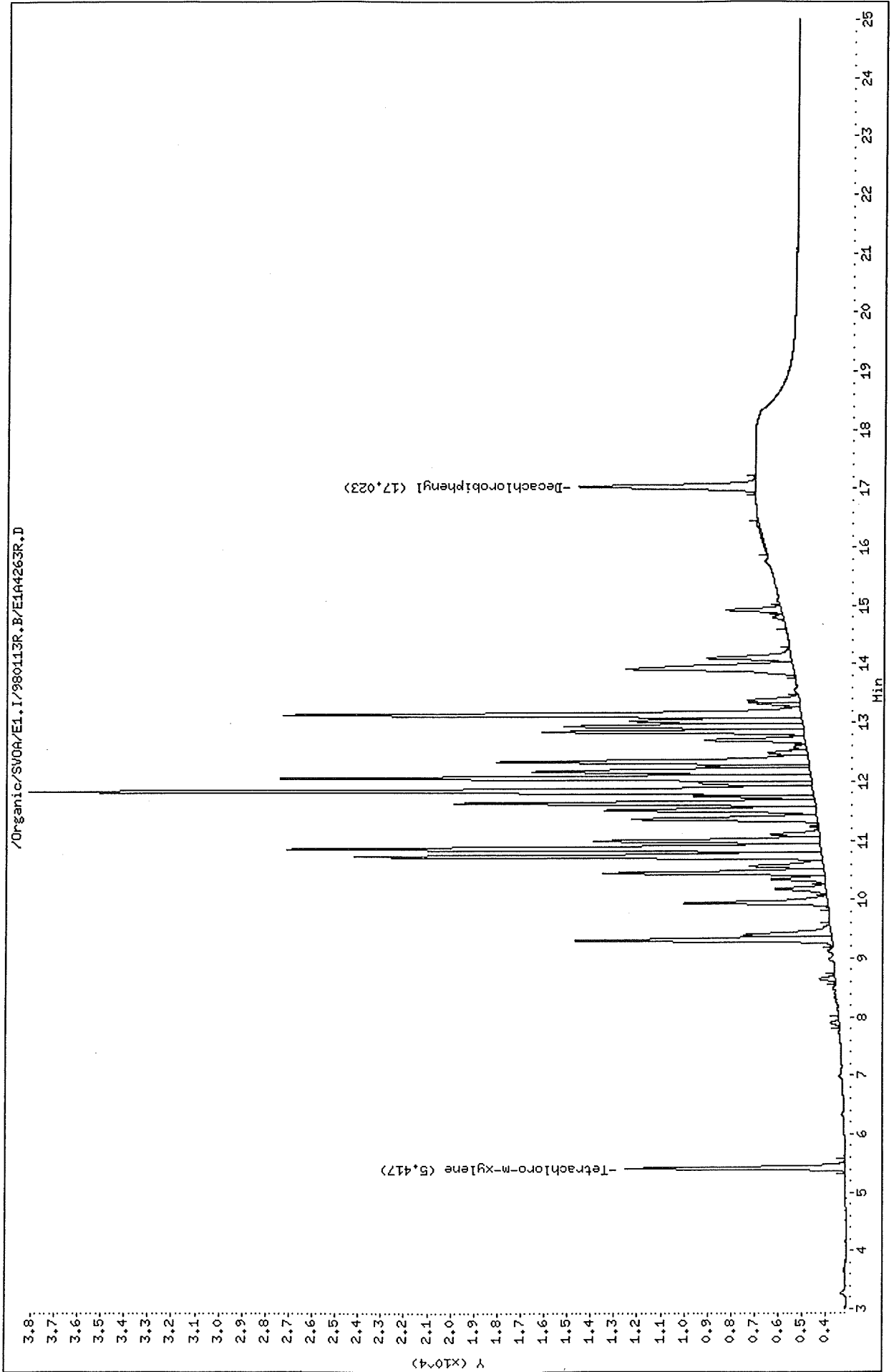
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4263F.D
Date : 14-JAN-1998 08:35
Client ID: AR1254A3
Sample Info: AR1254A3,AR1254A3,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4263R.D
Date: 14-JAN-1998 08:35
Client ID: AR1254A3
Sample Info: AR1254A3,AR1254A3,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4263F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4263R.D
 Inj Date : 14-JAN-1998 08:35
 Sample Info: AR1254A3,AR1254A3,,ar1254.sub
 Misc Info : ,3
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.853 | 5.417 | 4354 | 9375 | 0.040 | 0.041 | | 100.00(a) |
| Decachlorobiphenyl | 15.723 | 17.023 | 4329 | 7556 | 0.038 | 0.040 | | 100.00(a) |
| Aroclor-1254 | 10.213 | 10.730 | 10233 | 20025 | 1.842 | 2.024 | 80.00- 120.00 | 100.00(TM) |
| | 10.213 | 10.857 | 10233 | 22902 | 2.034 | 2.032 | 70.15- 110.15 | 100.00(TM) |
| | 11.020 | 11.630 | 14478 | 15362 | 2.055 | 2.053 | 111.04- 151.04 | 141.48(TM) |
| | 11.470 | 12.053 | 9693 | 22786 | 2.030 | 2.054 | 68.39- 108.39 | 94.72(TM) |
| | 11.710 | 12.333 | 5577 | 13271 | 2.006 | 2.046 | 32.00- 72.00 | 54.50(TM) |
| Average of Peak Amounts = | | | | | 1.993 | 2.041 | | |

QC Flag Legend

T - Target compound detected outside RT window.
 a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

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Data File: \Organic\SVOA\E1.I\980113F.B\E1A4263F.D
Report Date: 30-Jan-1998 10:23

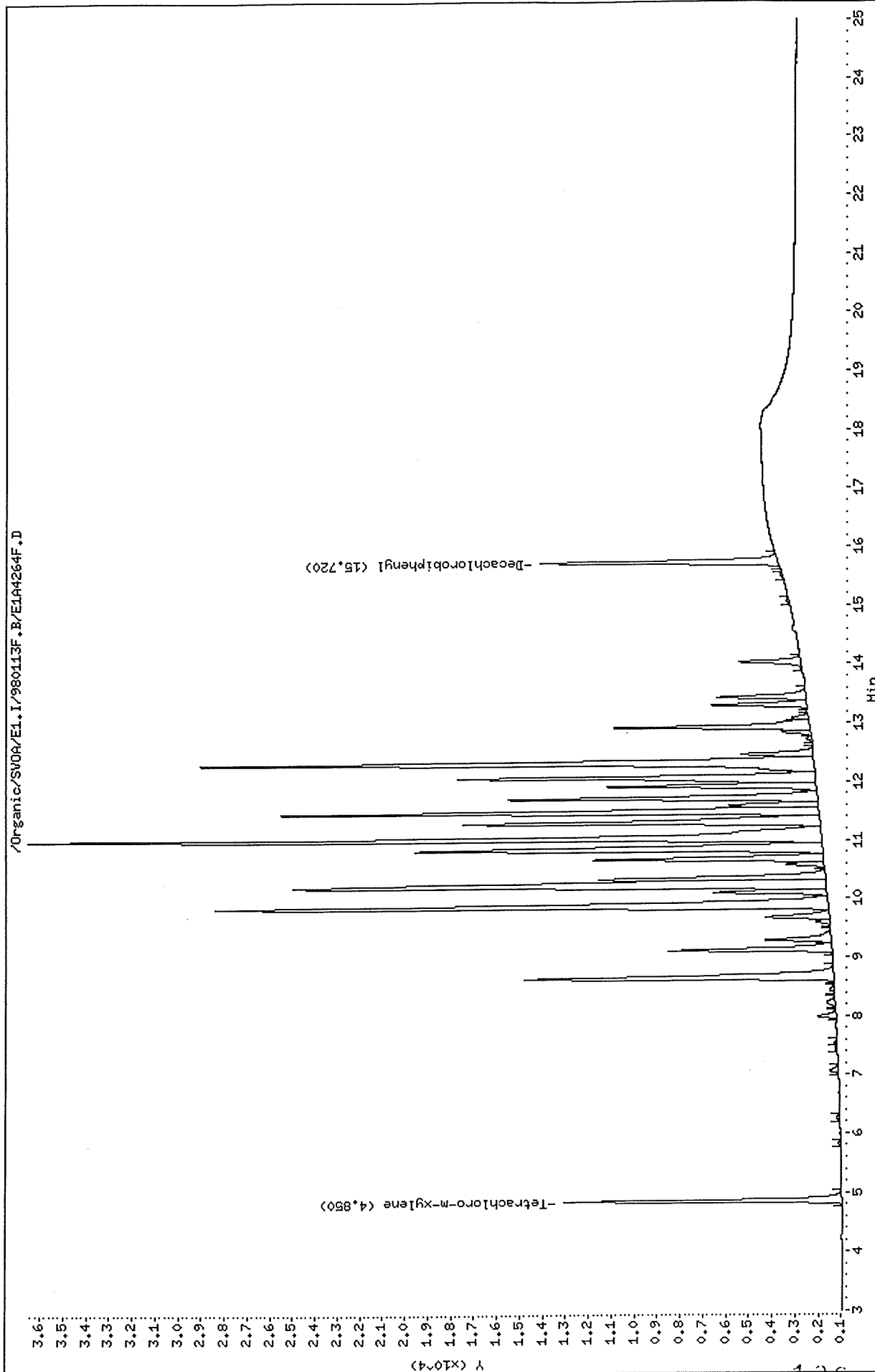
QC Flag Legend

M - Compound response manually integrated.

GL

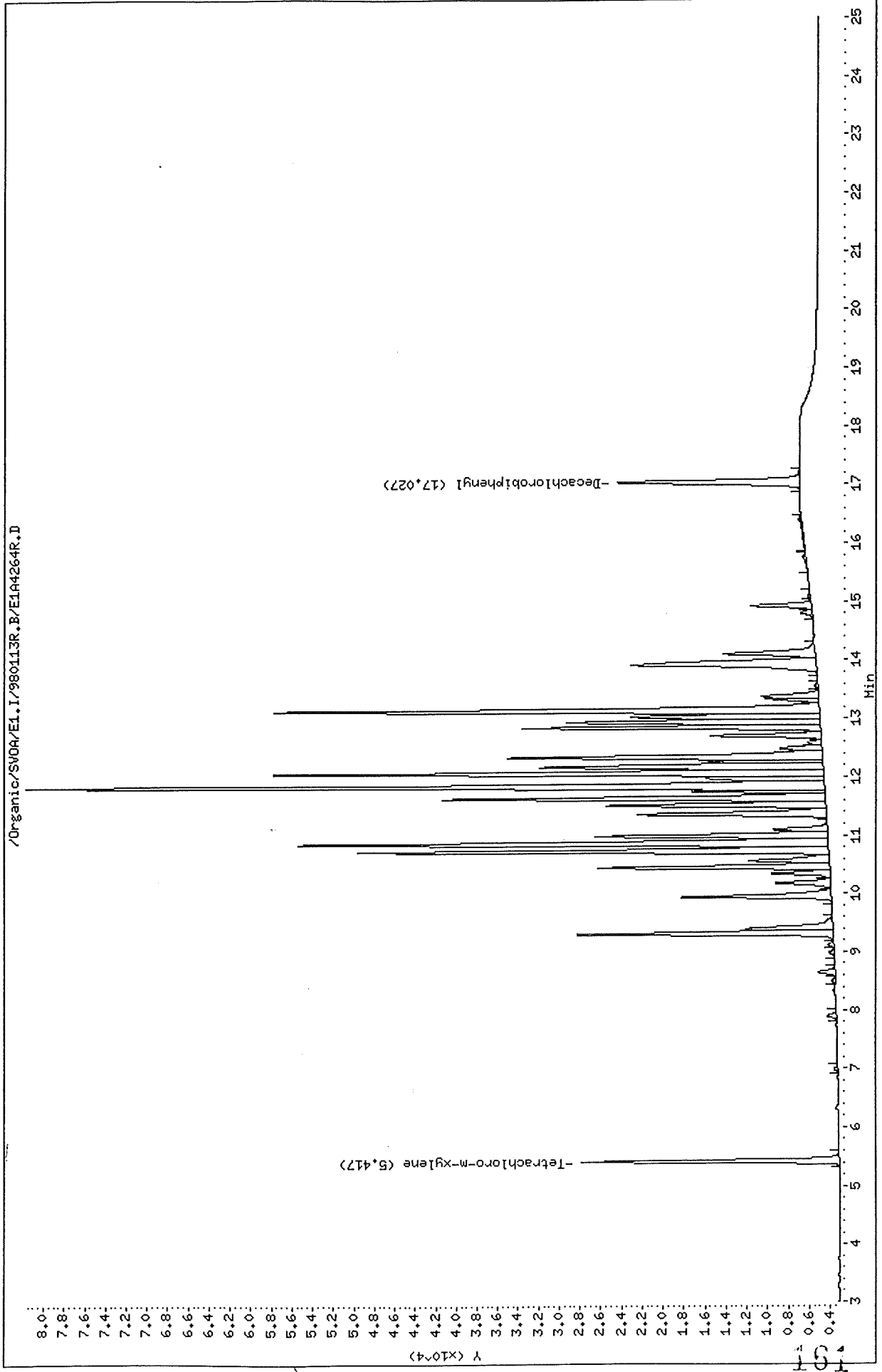
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4264F.D
Date : 14-JAN-1998 09:02
Client ID: AR1254A4
Sample Info: AR1254A4.AR1254A4.ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4264R.D
Date : 14-JAN-1998 09:02
Client ID: AR1254A4
Sample Info: AR1254A4,AR1254A4,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4264F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4264R.D
 Inj Date : 14-JAN-1998 09:02
 Sample Info: AR1254A4,AR1254A4,,ar1254.sub
 Misc Info : ,4
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

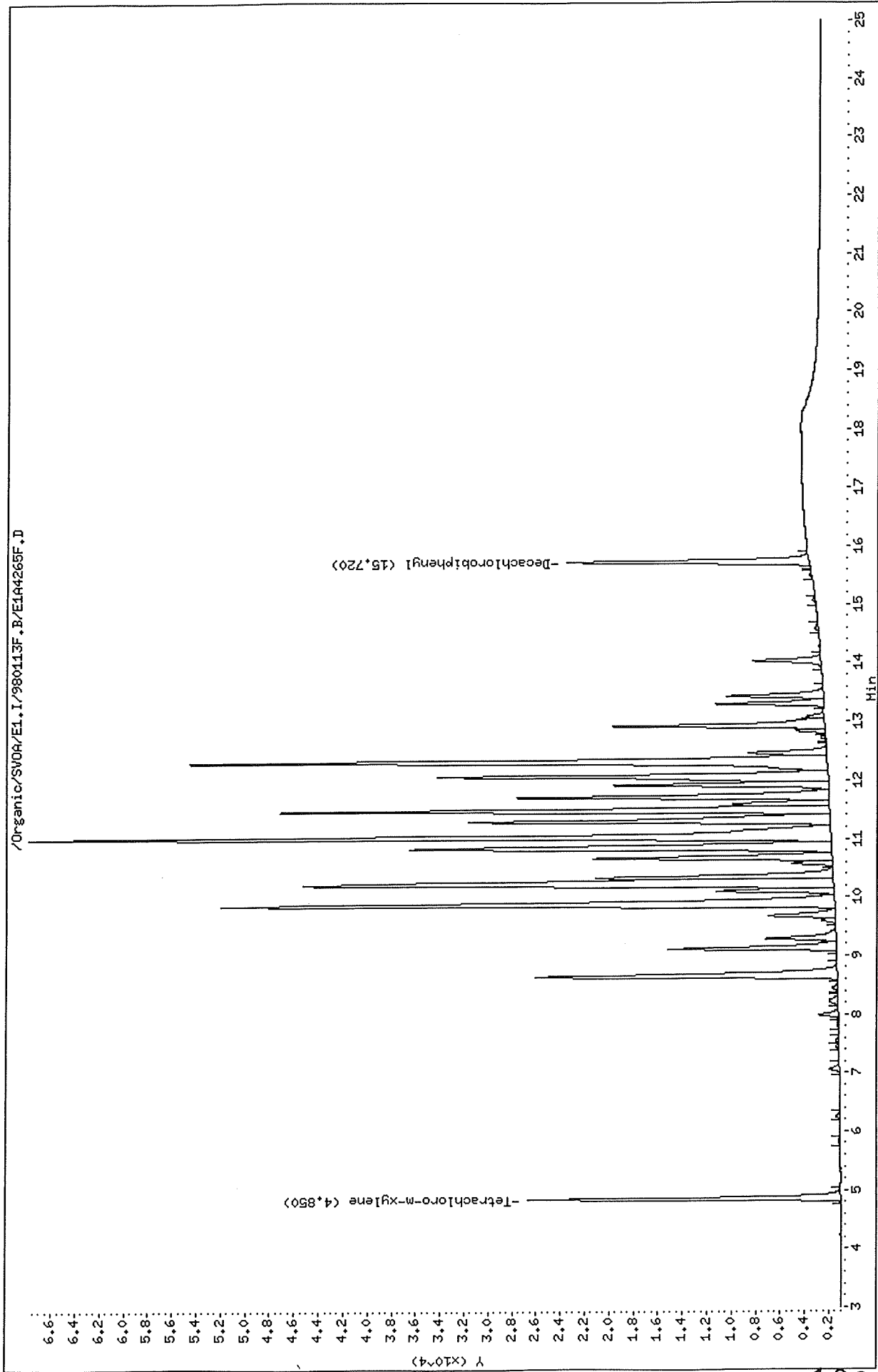
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|---------------|---------------|----------------|--------|
| Tetrachloro-m-xylene | 4.850 | 5.417 | 12090 | 24722 | 0.112 | 0.108 | | 100.00 |
| Decachlorobiphenyl | 15.720 | 17.027 | 10388 | 17490 | 0.092 | 0.092 | | 100.00 |
| Aroclor-1254 | 9.860 | 10.730 | 26810 | 45476 | 4.828 | 4.597 | 80.00- 120.00 | 100.00 |
| | 10.210 | 10.857 | 23317 | 51230 | 4.635 | 4.545 | 70.15- 110.15 | 86.97 |
| | 11.017 | 11.630 | 34654 | 36863 | 4.920 | 4.927 | 111.04- 151.04 | 129.26 |
| | 11.470 | 12.057 | 23581 | 53191 | 4.940 | 4.796 | 68.39- 108.39 | 87.96 |
| | 11.707 | 12.330 | 13441 | 30316 | 4.835 | 4.674 | 32.00- 72.00 | 50.13 |
| Average of Peak Amounts = | | | | | 4.831 | 4.707 | | |

GL
1/30/98

Data File: /Organic/SV0A/E1.I/980113F.B/E1A4265F.D
Date: 14-JAN-1998 09:30
Client ID: AR1254A5
Sample Info: AR1254A5,AR1254A5,,ar1254.sub
Volume Injected (ul): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980113R.B/E1A4265R.D

Date : 14-JAN-1998 09:30

Client ID: AR1254A5

Sample Info: AR1254A5,AR1254A5,,ar1254.sub

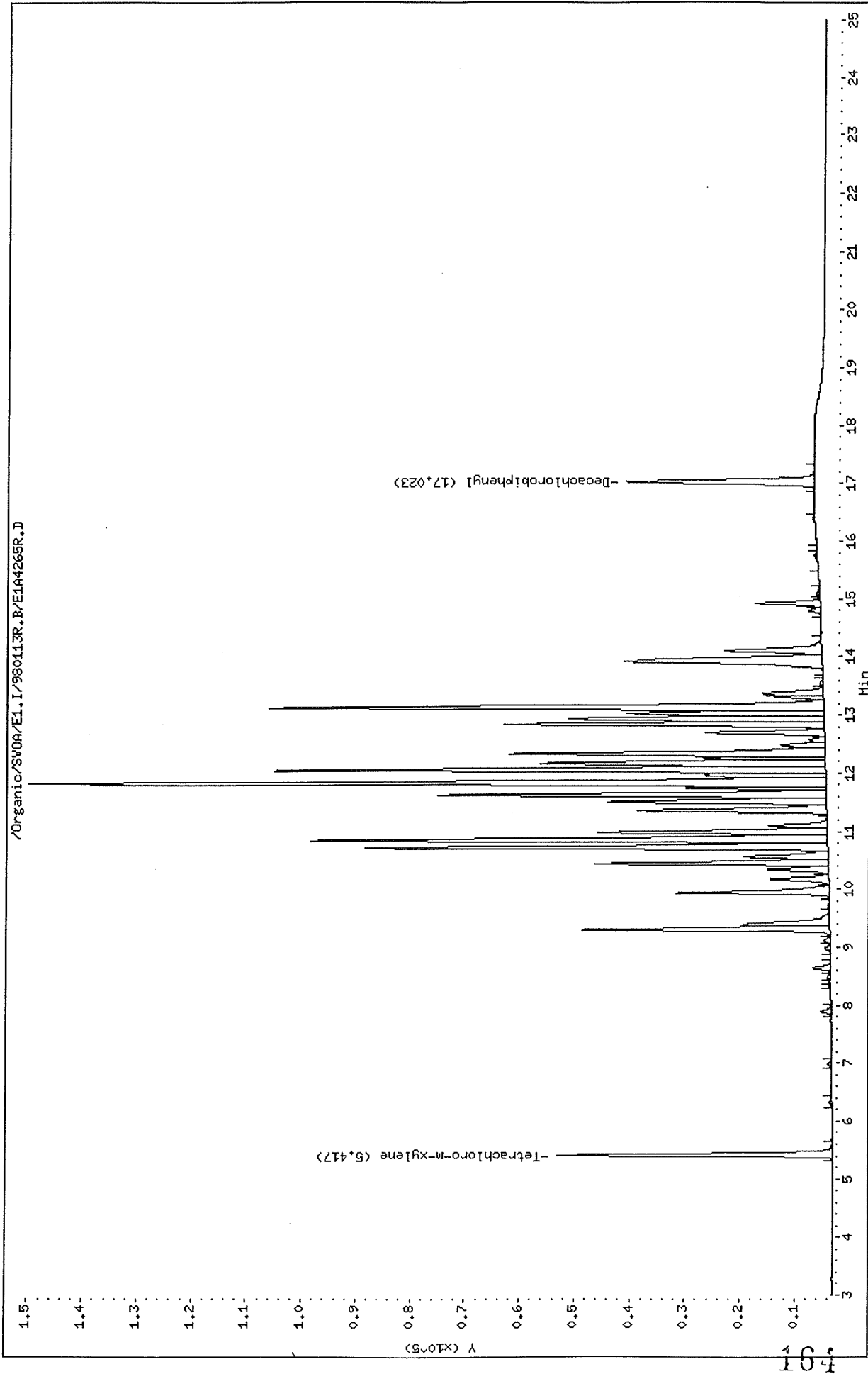
Volume Injected (uL): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4265F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4265R.D
 Inj Date : 14-JAN-1998 09:30
 Sample Info: AR1254A5,AR1254A5,,ar1254.sub
 Misc Info : ,5
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.850 | 5.417 | 25625 | 49947 | 0.237 | 0.218 | | 100.00 (A) |
| Decachlorobiphenyl | 15.720 | 17.023 | 19889 | 34175 | 0.177 | 0.181 | | 100.00 (A) |
| Aroclor-1254 | 9.863 | 10.727 | 50515 | 84317 | 9.097 | 8.524 | 80.00- 120.00 | 100.00 |
| | 10.210 | 10.857 | 43659 | 94420 | 8.679 | 8.377 | 70.15- 110.15 | 86.43 |
| | 11.017 | 11.630 | 66006 | 70803 | 9.371 | 9.463 | 111.04- 151.04 | 130.67 |
| | 11.467 | 12.053 | 45202 | 100592 | 9.470 | 9.070 | 68.39- 108.39 | 89.48 |
| | 11.707 | 12.330 | 25635 | 57468 | 9.221 | 8.860 | 32.00- 72.00 | 50.75 |
| Average of Peak Amounts = | | | | | 9.167 | 8.858 | | |

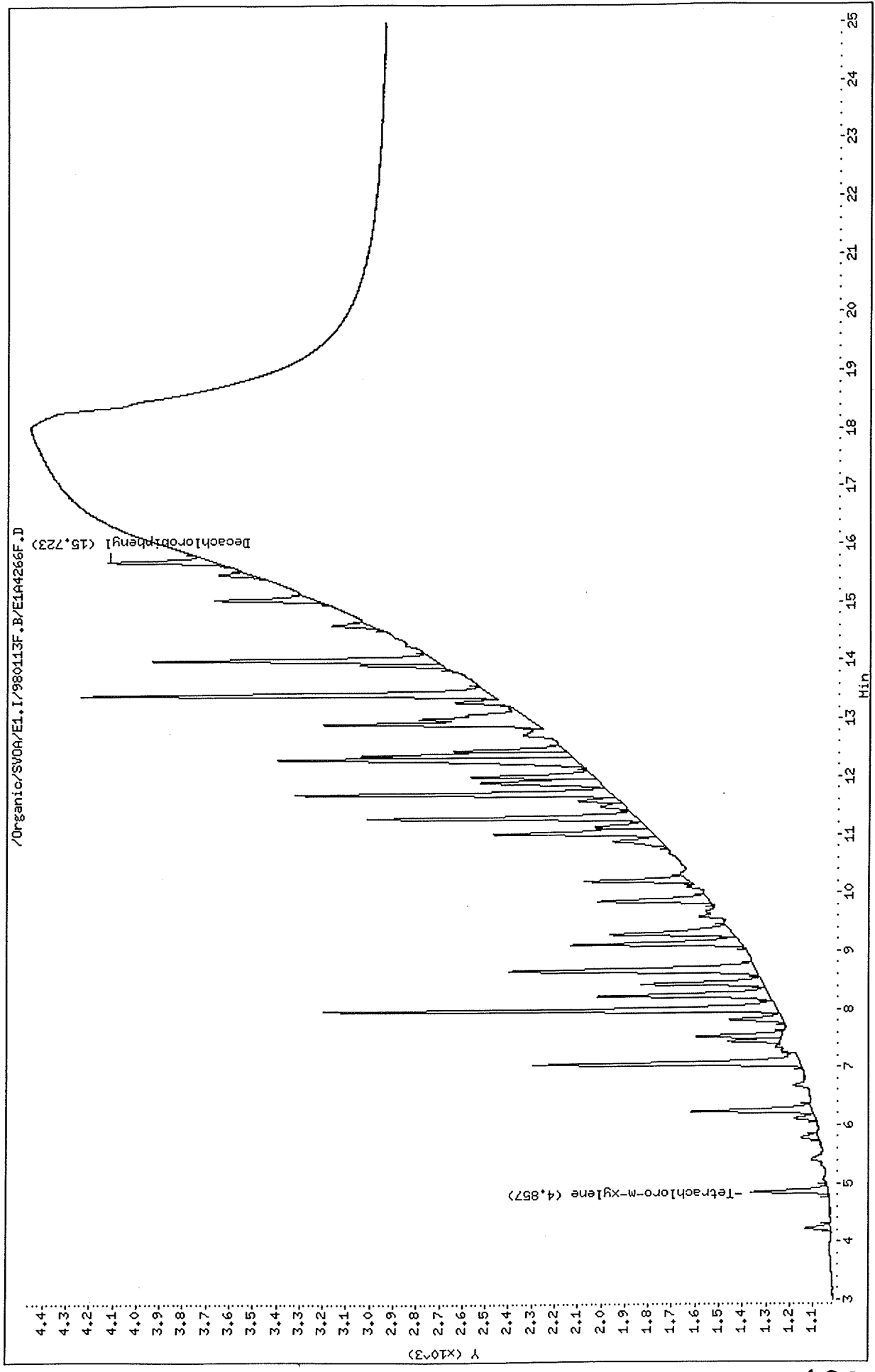
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

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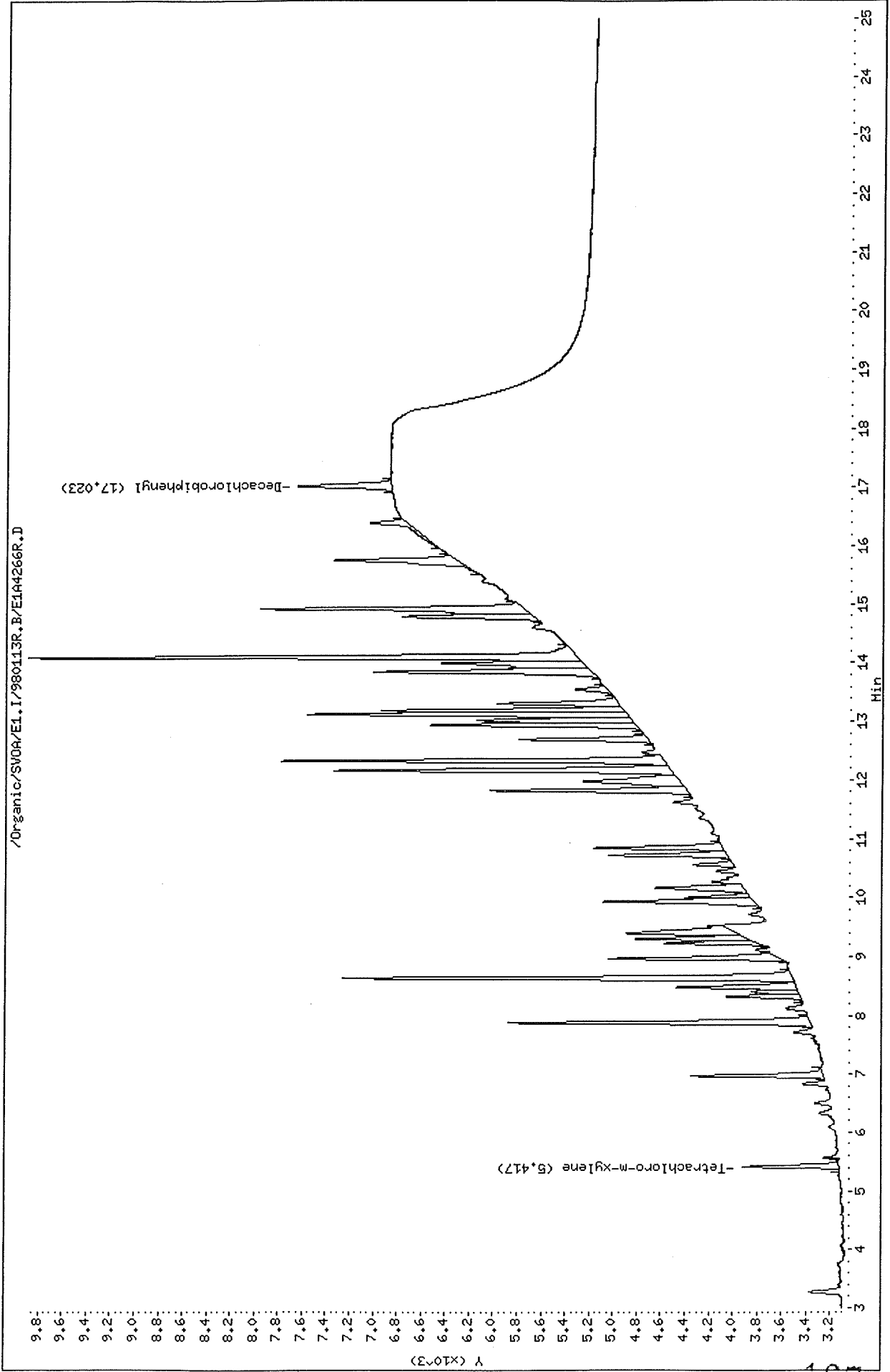
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4266F.D
Date : 14-JAN-1998 09:58
Client ID: AR1660A1
Sample Info: AR1660A1,AR1660A1,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4266R.D
Date : 14-JAN-1998 09:58
Client ID: AR1660A1
Sample Info: AR1660A1,AR1660A1,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4266F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4266R.D
 Inj Date : 14-JAN-1998 09:58
 Sample Info: AR1660A1,AR1660A1,,ar1660.sub
 Misc Info : ,1
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-------------|
| Tetrachloro-m-xylene | 4.857 | 5.417 | 331 | 800 | 0.003 | 0.003 | | 100.00 (aM) |
| Aroclor-1016 | 6.243 | 6.980 | 516 | 1098 | 0.206 | 0.225 | 80.00- 120.00 | 100.00 (aM) |
| | 7.057 | 7.890 | 1144 | 2505 | 0.228 | 0.244 | 182.23- 222.23 | 221.71 (aM) |
| | 8.233 | 8.647 | 730 | 3754 | 0.204 | 0.214 | 127.60- 167.60 | 141.47 (aM) |
| | Average of Peak Amounts = | | | | 0.212 | 0.227 | | |
| Decachlorobiphenyl | 15.723 | 17.023 | 456 | 802 | 0.004 | 0.004 | | 100.00 (aM) |
| Aroclor-1260 | 12.923 | 13.850 | 917 | 1822 | 0.206 | 0.213 | 80.00- 120.00 | 100.00 (aM) |
| | 13.433 | 14.100 | 1762 | 4583 | 0.198 | 0.208 | 179.74- 219.74 | 192.15 (aM) |
| | 14.027 | 14.923 | 1213 | 2211 | 0.190 | 0.201 | 121.12- 161.12 | 132.28 (aM) |
| | Average of Peak Amounts = | | | | 0.198 | 0.207 | | |

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 1/3-198

Data File: \Organic\SVOA\E1.I\980113F.B\E1A4266F.D
Report Date: 30-Jan-1998 10:24

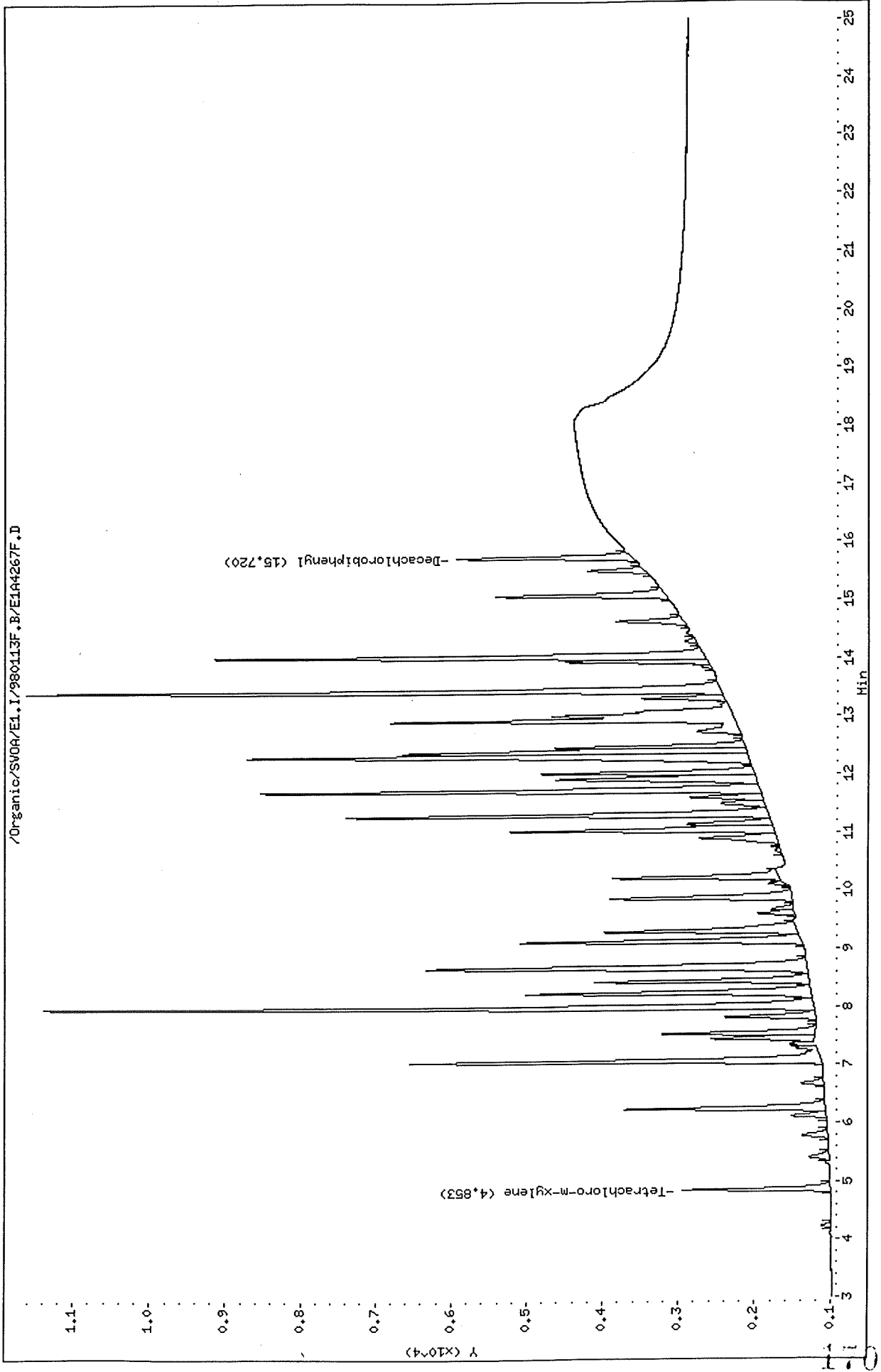
QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

GL
4/30/98

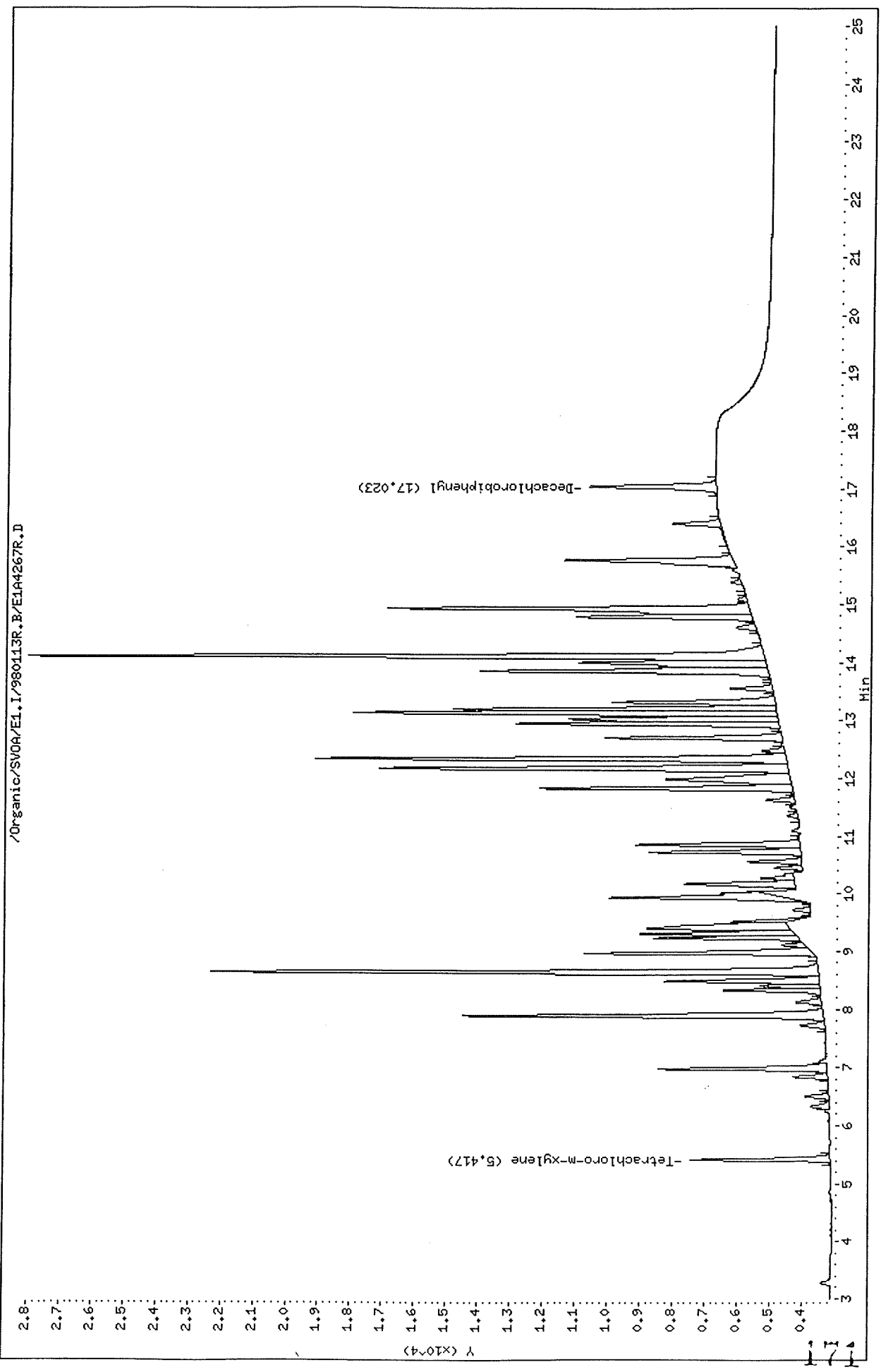
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4267F.D
Date : 14-JAN-1998 10:26
Client ID: AR1660A2
Sample Info: AR1660A2,AR1660A2,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E4.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4267R.D
Date : 14-JAN-1998 10:26
Client ID: AR1660A2
Sample Info: AR1660A2,AR1660A2,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4267F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4267R.D
 Inj Date : 14-JAN-1998 10:26
 Sample Info: AR1660A2,AR1660A2,,ar1660.sub
 Misc Info : ,2
 Cal Date : 15-JAN-1998 10:48
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.853 | 5.417 | 1937 | 4340 | 0.018 | 0.019 | | 100.00 (a) |
| Aroclor-1016 | 6.240 | 6.980 | 2642 | 5240 | 1.056 | 1.074 | 80.00- 120.00 | 100.00 (M) |
| | 7.053 | 7.890 | 5415 | 11172 | 1.080 | 1.091 | 182.23- 222.23 | 204.96 (M) |
| | 8.230 | 8.647 | 3749 | 18834 | 1.048 | 1.077 | 127.60- 167.60 | 141.90 (M) |
| | Average of Peak Amounts = | | | | 1.061 | 1.080 | | |
| Decachlorobiphenyl | 15.720 | 17.023 | 2326 | 3903 | 0.020 | 0.020 | | 100.00 (a) |
| Aroclor-1260 | 12.923 | 13.850 | 4540 | 8888 | 1.019 | 1.040 | 80.00- 120.00 | 100.00 (M) |
| | 13.430 | 14.100 | 9149 | 22799 | 1.031 | 1.037 | 179.74- 219.74 | 201.52 (M) |
| | 14.027 | 14.923 | 6478 | 11235 | 1.017 | 1.021 | 121.12- 161.12 | 142.69 (M) |
| | Average of Peak Amounts = | | | | 1.022 | 1.032 | | |

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 4/30/98

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

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Data File: /Organic/SV0A/E1.I/980113F.B/E1A4268F.D

Date: 14-JAN-1998 10:54

Client ID: AR1660A3

Sample Info: AR1660A3,AR1660A3,,ar1660.sub

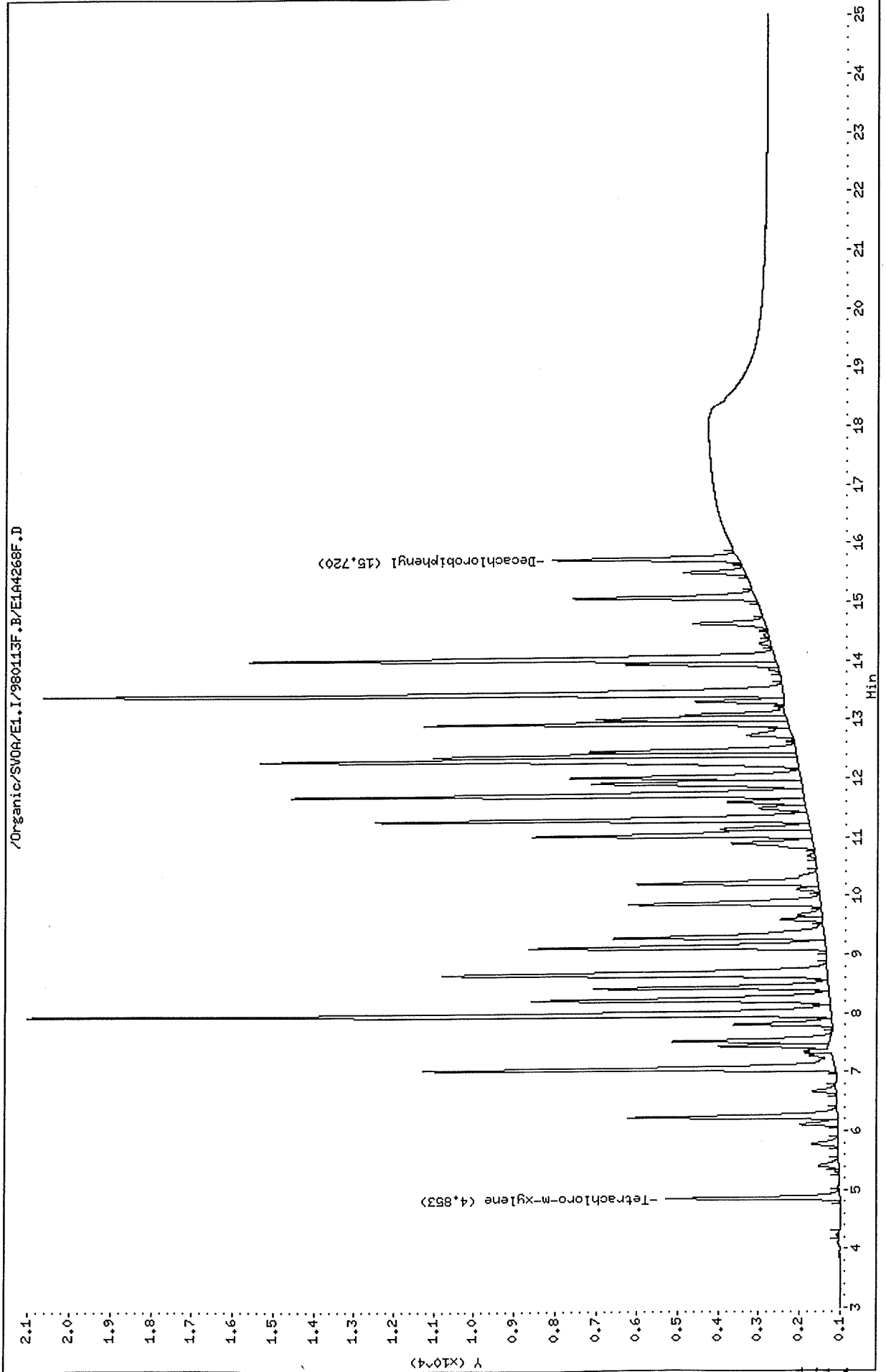
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980113R.B/E1A4268R.D

Date : 14-JAN-1998 10:54

Client ID: AR1660A3

Sample Info: AR1660A3,AR1660A3,,ar1660.sub

Volume Injected (uL): 2.0

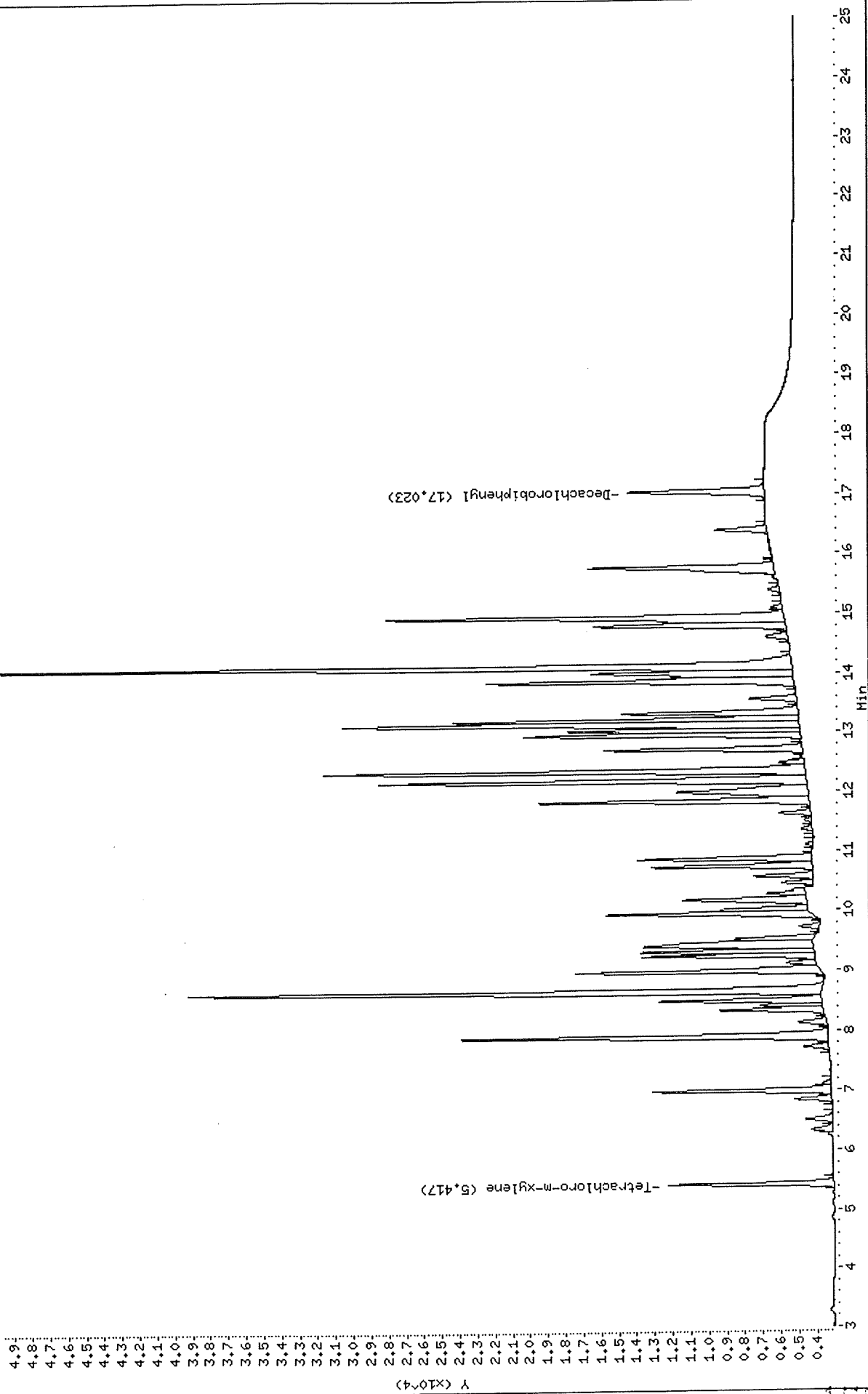
Column phase: DB-608

Instrument: E1.1

Operator: sph

Column diameter: 0.53

/Organic/SV00A/E1.I/980113R.B/E1A4268R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4268F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4268R.D
 Inj Date : 14-JAN-1998 10:54
 Sample Info: AR1660A3,AR1660A3,,ar1660.sub
 Misc Info : ,3
 Cal Date : 15-JAN-1998 10:49
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.853 | 5.417 | 4283 | 9155 | 0.039 | 0.040 | | 100.00(a) |
| Aroclor-1016 | 6.240 | 6.980 | 5147 | 9884 | 2.057 | 2.026 | 80.00- 120.00 | 100.00(M) |
| | 7.050 | 7.890 | 10166 | 20482 | 2.027 | 2.000 | 182.23- 222.23 | 197.51(M) |
| | 8.230 | 8.647 | 7339 | 35522 | 2.052 | 2.032 | 127.60- 167.60 | 142.59(M) |
| | Average of Peak Amounts = | | | | 2.045 | 2.019 | | |
| Decachlorobiphenyl | 15.720 | 17.023 | 4534 | 7568 | 0.040 | 0.040 | | 100.00(a) |
| Aroclor-1260 | 12.923 | 13.850 | 8953 | 17227 | 2.011 | 2.016 | 80.00- 120.00 | 100.00 |
| | 13.430 | 14.100 | 18213 | 44467 | 2.053 | 2.023 | 179.74- 219.74 | 203.43 |
| | 14.027 | 14.923 | 12972 | 22274 | 2.038 | 2.025 | 121.12- 161.12 | 144.89 |
| | Average of Peak Amounts = | | | | 2.034 | 2.021 | | |

6L

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QC Flag Legend

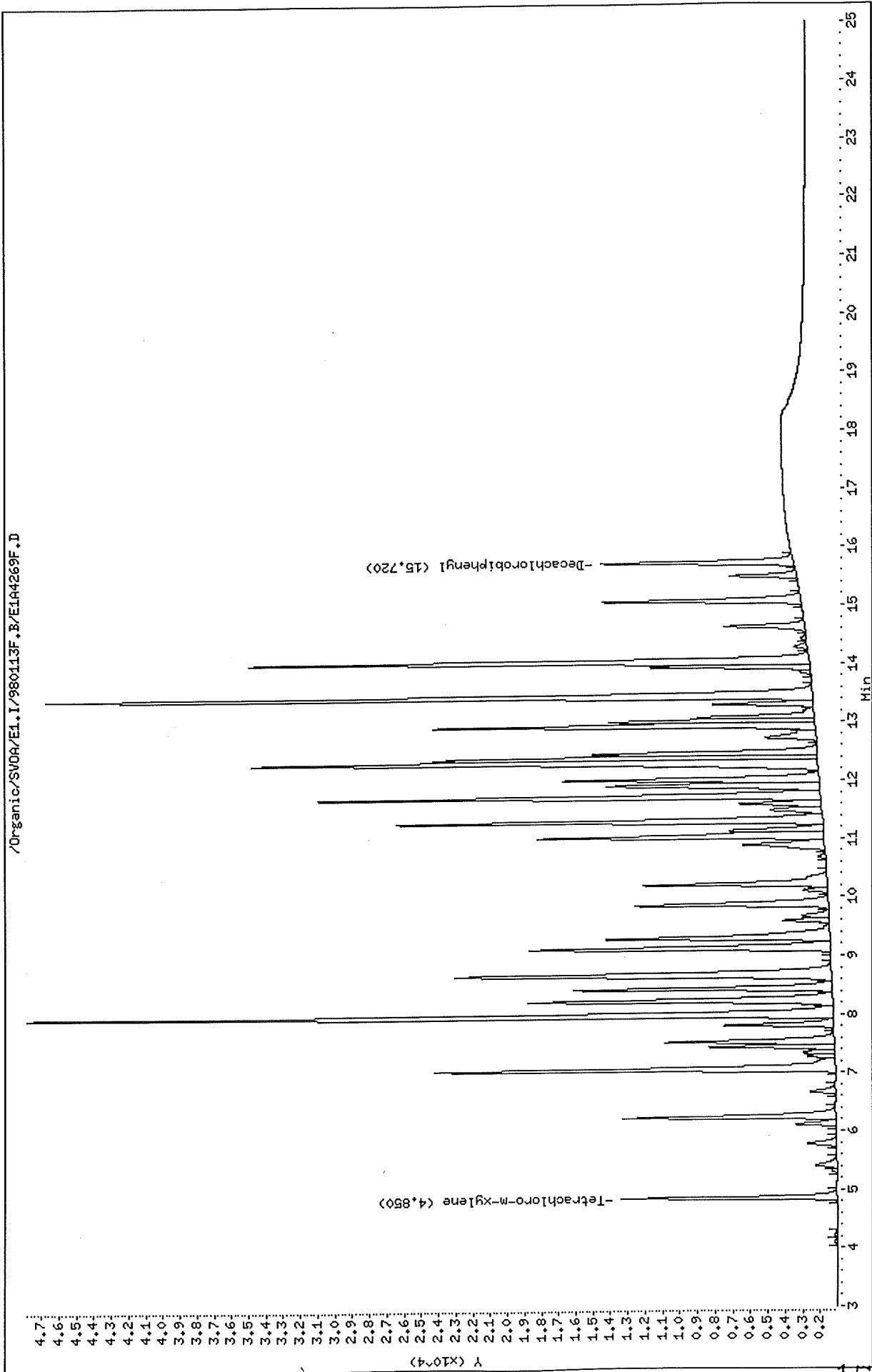
- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

GL

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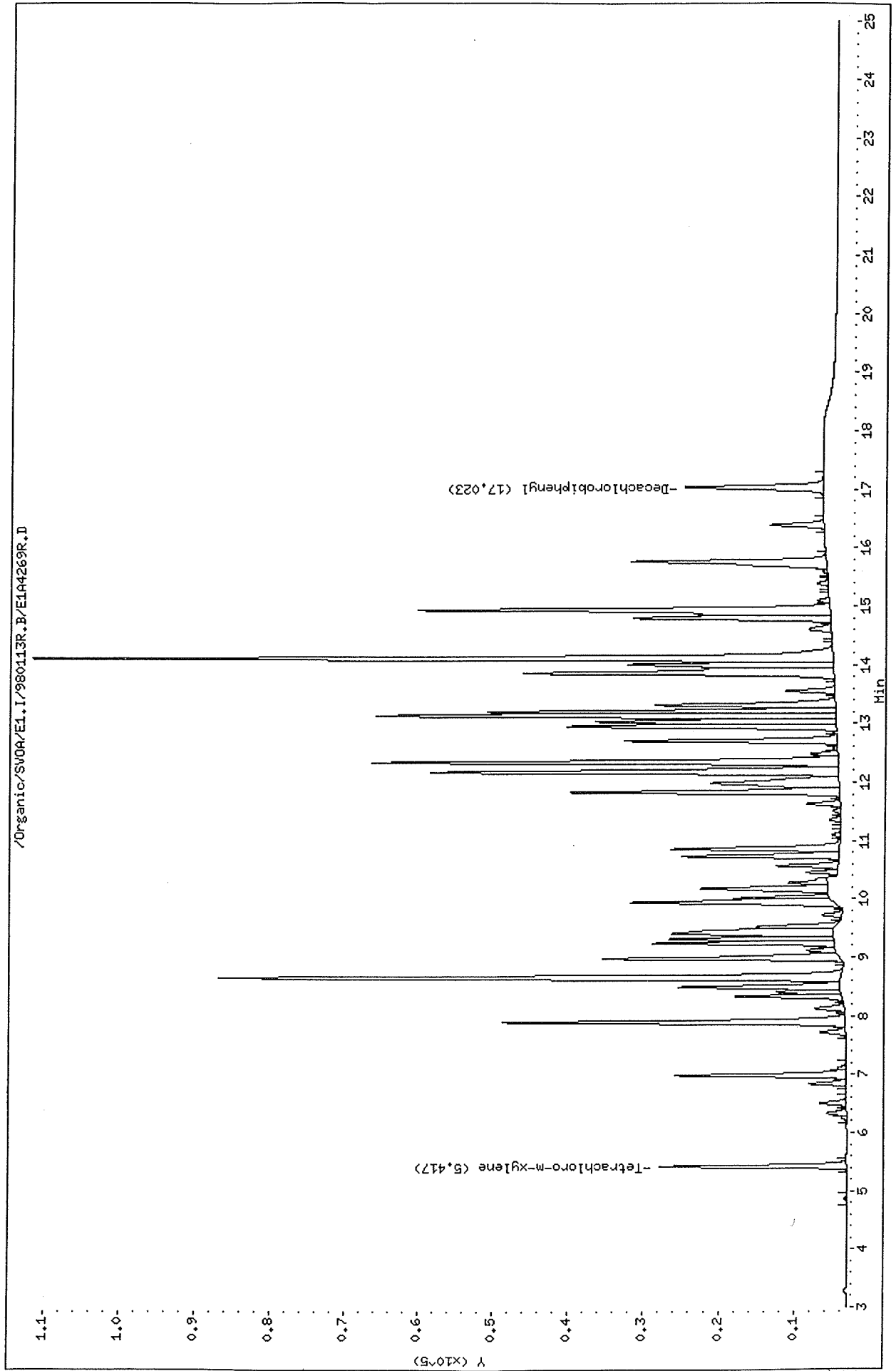
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4269F.D
Date : 14-JAN-1998 11:22
Client ID: AR1660A4
Sample Info: AR1660A4,AR1660A4,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980113R.B/E1A4269R.D
Date: 14-JAN-1998 11:22
Client ID: AR1660A4
Sample Info: AR1660A4.AR1660A4,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



NO

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4269F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4269R.D
 Inj Date : 14-JAN-1998 11:22
 Sample Info: AR1660A4,AR1660A4,,ar1660.sub
 Misc Info : ,4
 Cal Date : 15-JAN-1998 10:49
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.850 | 5.417 | 12388 | 24721 | 0.114 | 0.108 | | 100.00 |
| Aroclor-1016 | 6.237 | 6.977 | 12216 | 22729 | 4.883 | 4.660 | 80.00- 120.00 | 100.00 (M) |
| | 7.050 | 7.890 | 23133 | 45351 | 4.613 | 4.429 | 182.23- 222.23 | 189.37 (M) |
| | 8.227 | 8.647 | 17541 | 82893 | 4.906 | 4.743 | 127.60- 167.60 | 143.59 (M) |
| | Average of Peak Amounts = | | | | 4.800 | 4.610 | | |
| Decachlorobiphenyl | 15.720 | 17.023 | 11048 | 18269 | 0.098 | 0.096 | | 100.00 |
| Aroclor-1260 | 12.920 | 13.850 | 21980 | 41128 | 4.937 | 4.813 | 80.00- 120.00 | 100.00 |
| | 13.430 | 14.100 | 44232 | 106511 | 4.987 | 4.847 | 179.74- 219.74 | 201.24 |
| | 14.023 | 14.923 | 32388 | 54673 | 5.088 | 4.972 | 121.12- 161.12 | 147.35 |
| | Average of Peak Amounts = | | | | 5.004 | 4.877 | | |

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Data File: \Organic\SVOA\E1.I\980113F.B\E1A4269F.D
Report Date: 30-Jan-1998 10:24

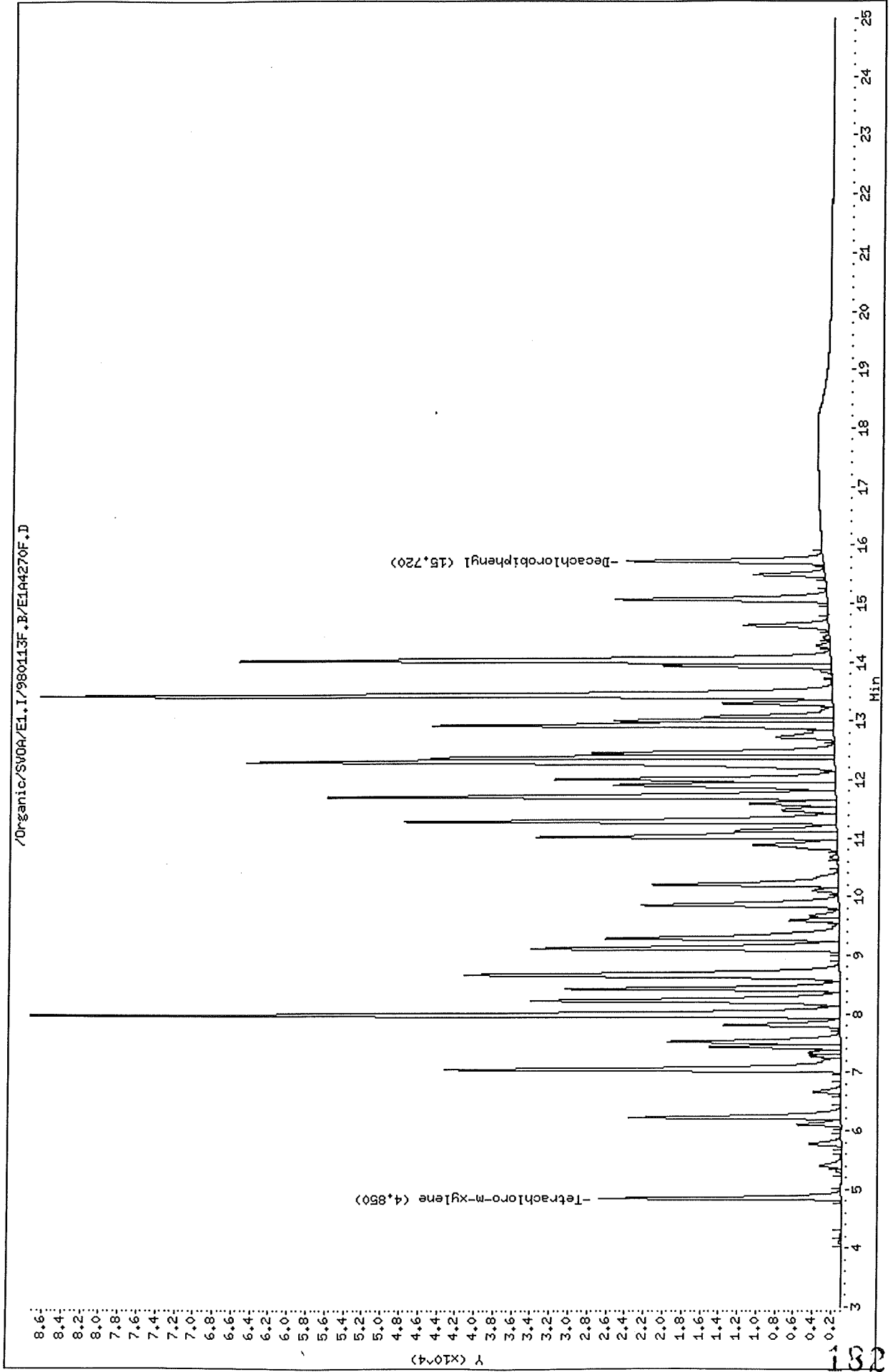
QC Flag Legend

M - Compound response manually integrated.

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1/30/98

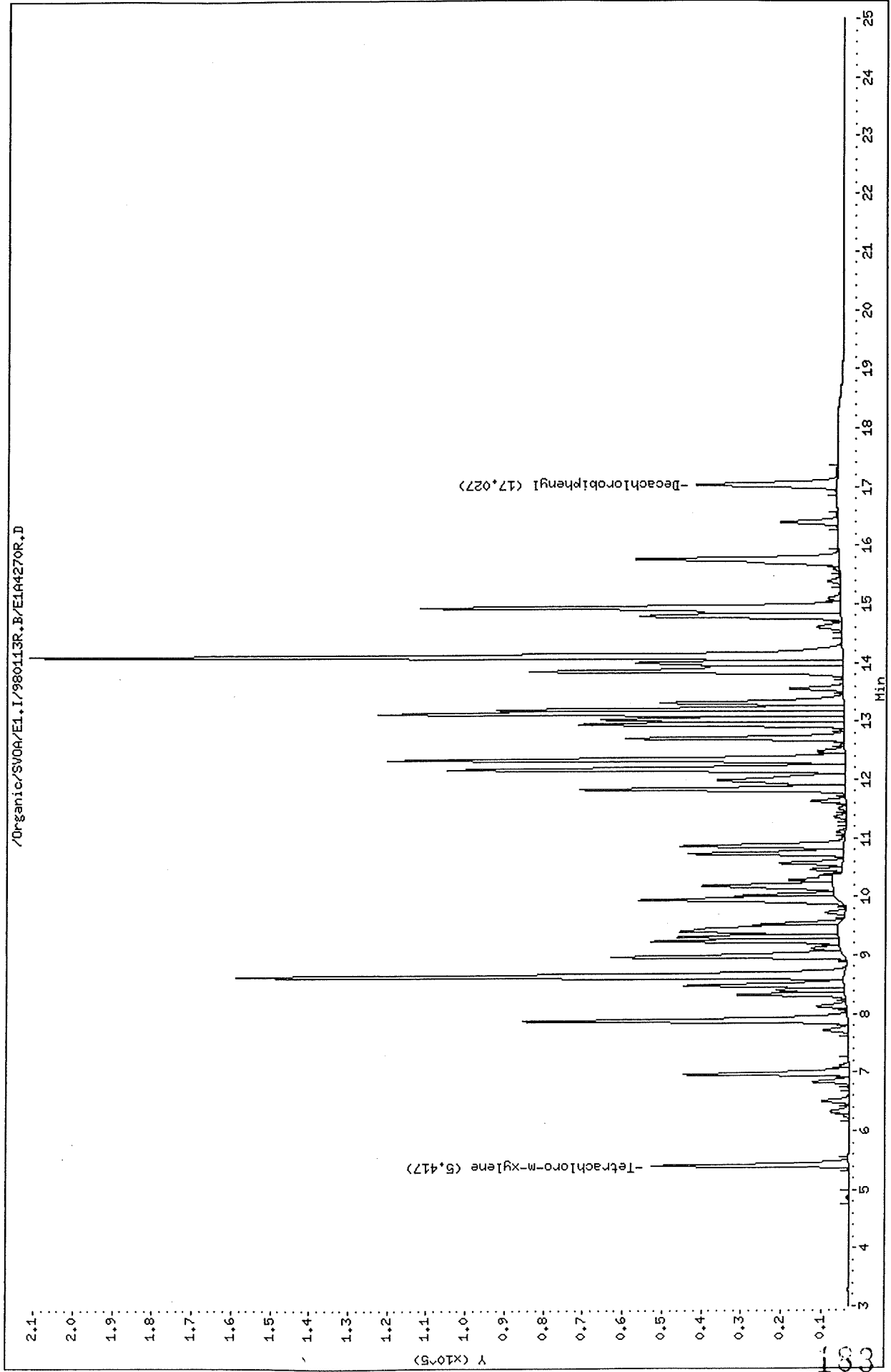
Data File: /Organic/SV0A/E1.I/980113F.B/E1A4270F.D
Date: 14-JAN-1998 11:50
Client ID: AR1660A5
Sample Info: AR1660A5,AR1660A5,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980113R.B/E1A4270R.D
Date : 14-JAN-1998 11:50
Client ID: AR1660A5
Sample Info: AR1660A5,AR1660A5,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980113F.B\E1A4270F.D
 Sample #2 : \Organic\SVOA\E1.I\980113R.B\E1A4270R.D
 Inj Date : 14-JAN-1998 11:50
 Sample Info: AR1660A5,AR1660A5,,ar1660.sub
 Misc Info : ,5
 Cal Date : 15-JAN-1998 10:49
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980113F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980113R.B\E1_PCB_R.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.850 | 5.417 | 25786 | 49513 | 0.239 | 0.217 | | 100.00 (A) |
| Aroclor-1016 | 6.237 | 6.977 | 22693 | 41654 | 9.071 | 8.541 | 80.00- 120.00 | 100.00 (M) |
| | 7.047 | 7.890 | 42250 | 81845 | 8.426 | 7.993 | 182.23- 222.23 | 186.18 (M) |
| | 8.227 | 8.647 | 32997 | 154293 | 9.229 | 8.829 | 127.60- 167.60 | 145.41 (M) |
| | Average of Peak Amounts = | | | | 8.908 | 8.454 | | |
| Decachlorobiphenyl | 15.720 | 17.027 | 20998 | 35220 | 0.187 | 0.186 | | 100.00 (A) |
| Aroclor-1260 | 12.920 | 13.850 | 42608 | 78868 | 9.571 | 9.230 | 80.00- 120.00 | 100.00 |
| | 13.430 | 14.100 | 84300 | 206144 | 9.505 | 9.381 | 179.74- 219.74 | 197.85 |
| | 14.023 | 14.923 | 63155 | 106165 | 9.923 | 9.655 | 121.12- 161.12 | 148.22 |
| Average of Peak Amounts = | | | | 9.666 | 9.422 | | | |

GL
1/30/98

Data File: \Organic\SVOA\E1.I\980113F.B\E1A4270F.D
Report Date: 30-Jan-1998 10:24

QC Flag Legend

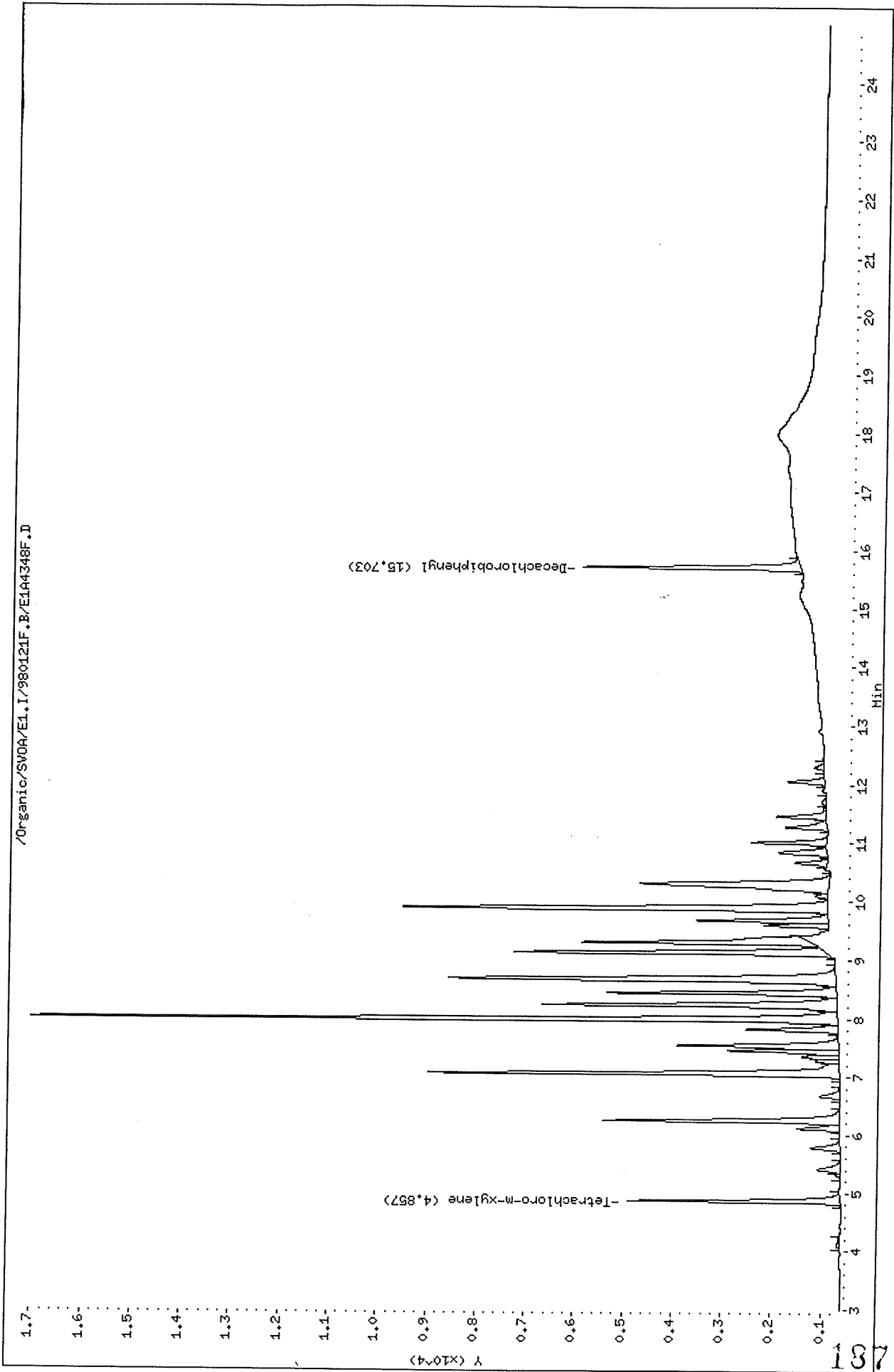
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.

AL
1/30/98

Continuing Calibrations

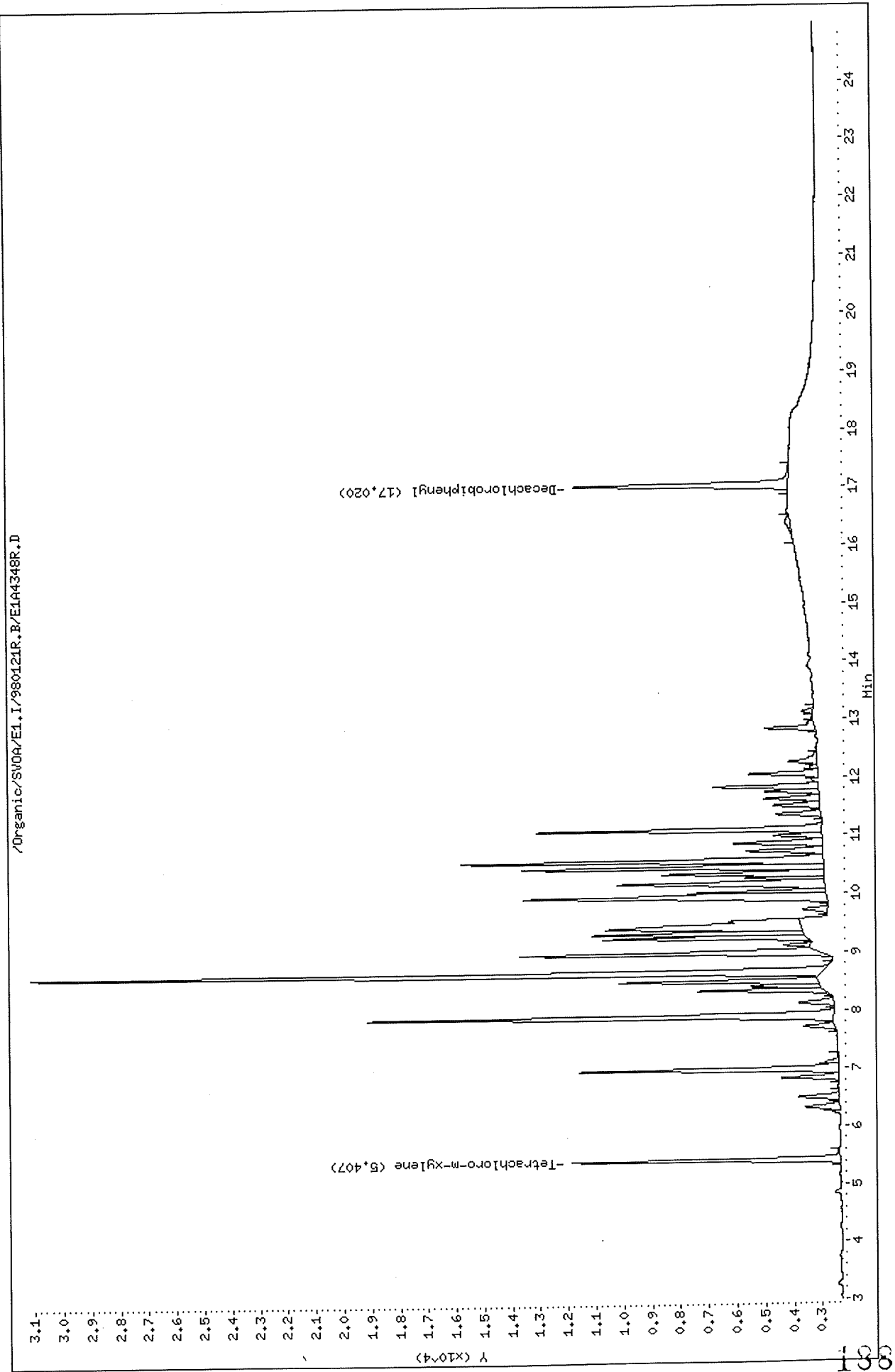
Data File: /Organic/SV0A/E1.I/980121F.B/E1A4348F.D
Date : 21-JAN-1998 09:41
Client ID: AR1242G3
Sample Info: AR1242G3,AR1242G3,,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4348R.D
Date : 21-JAN-1998 09:41
Client ID: AR124263
Sample Info: AR124263,AR124263,,ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4348F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4348R.D
 Inj Date : 21-JAN-1998 09:41
 Sample Info: AR1242G3,AR1242G3,,ar1242.sub
 Misc Info : 2
 Cal Date : 21-JAN-1998 15:06
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.857 | 5.407 | 4290 | 9530 | 0.0398 | 0.0418 | | 100.00(a) |
| Aroclor-1242 | 6.237 | 6.970 | 4766 | 9194 | 2.23 | 2.16 | 80.00- 120.00 | 100.00 |
| | 7.047 | 7.883 | 8320 | 16526 | 2.29 | 2.12 | 156.78- 196.78 | 174.57 |
| | 7.973 | 8.640 | 16306 | 28114 | 2.35 | 2.10 | 325.08- 365.08 | 342.13 |
| | 8.223 | 8.970 | 5946 | 10706 | 2.30 | 2.05 | 106.46- 146.46 | 124.76 |
| | 8.427 | 9.233 | 4621 | 7197 | 2.27 | 1.88 | 78.44- 118.44 | 96.96 |
| | Average of Peak Amounts = | | | | 2.29 | 2.06 | | |
| Decachlorobiphenyl | 15.703 | 17.020 | 4407 | 7635 | 0.0394 | 0.0404 | | 100.00(a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

GL
 1/22/98

Data File: /Organic/SV004/E1.I/980121F.B/E1A4349F.D

Date : 21-JAN-1998 10:10

Client ID: AR1248GA

Sample Info: AR1248GA,AR1248GA,ar1248.sub

Volume Injected (uL): 2.0

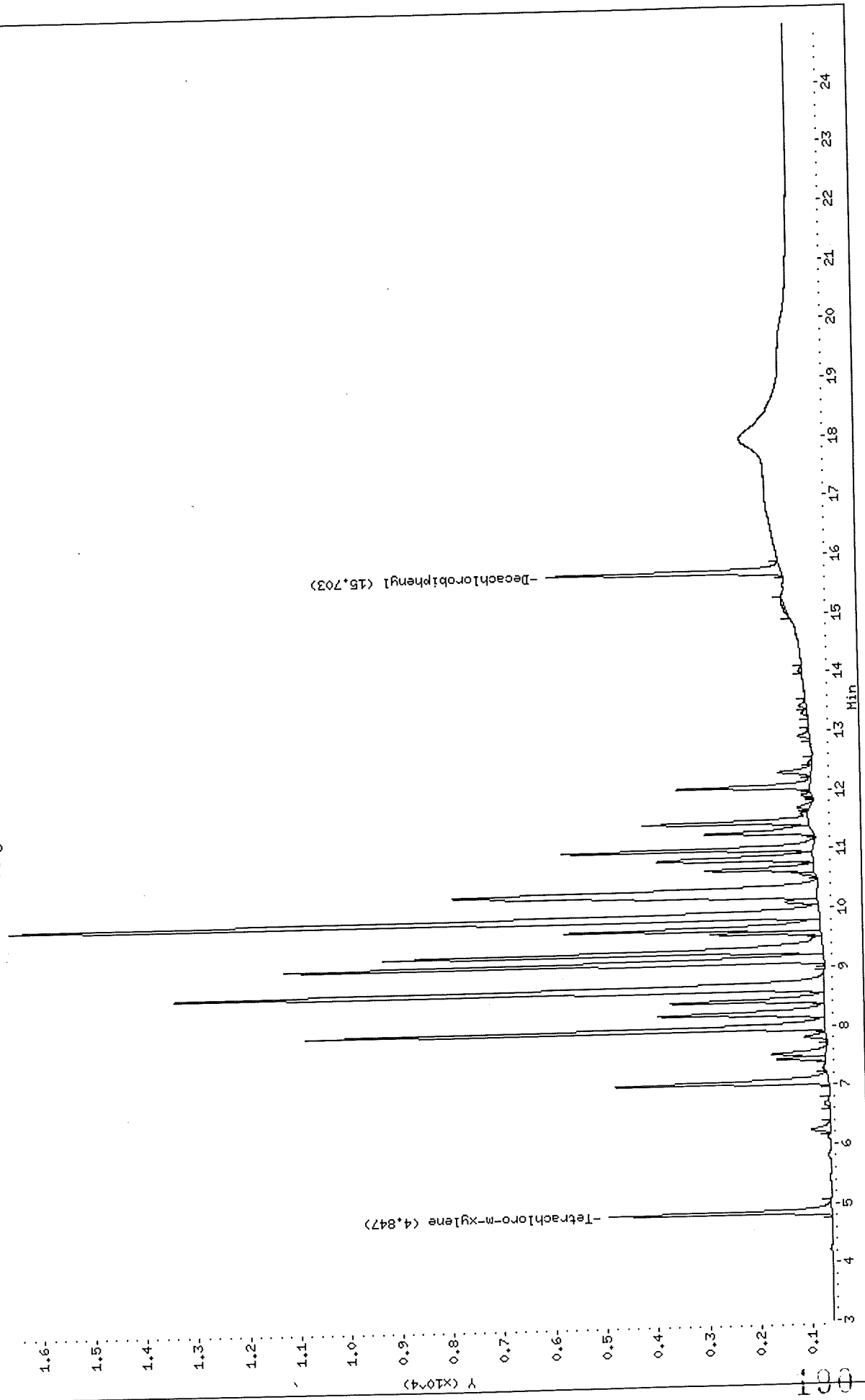
Column phase: DB-1701

Instrument: E1.i

Operator: sph

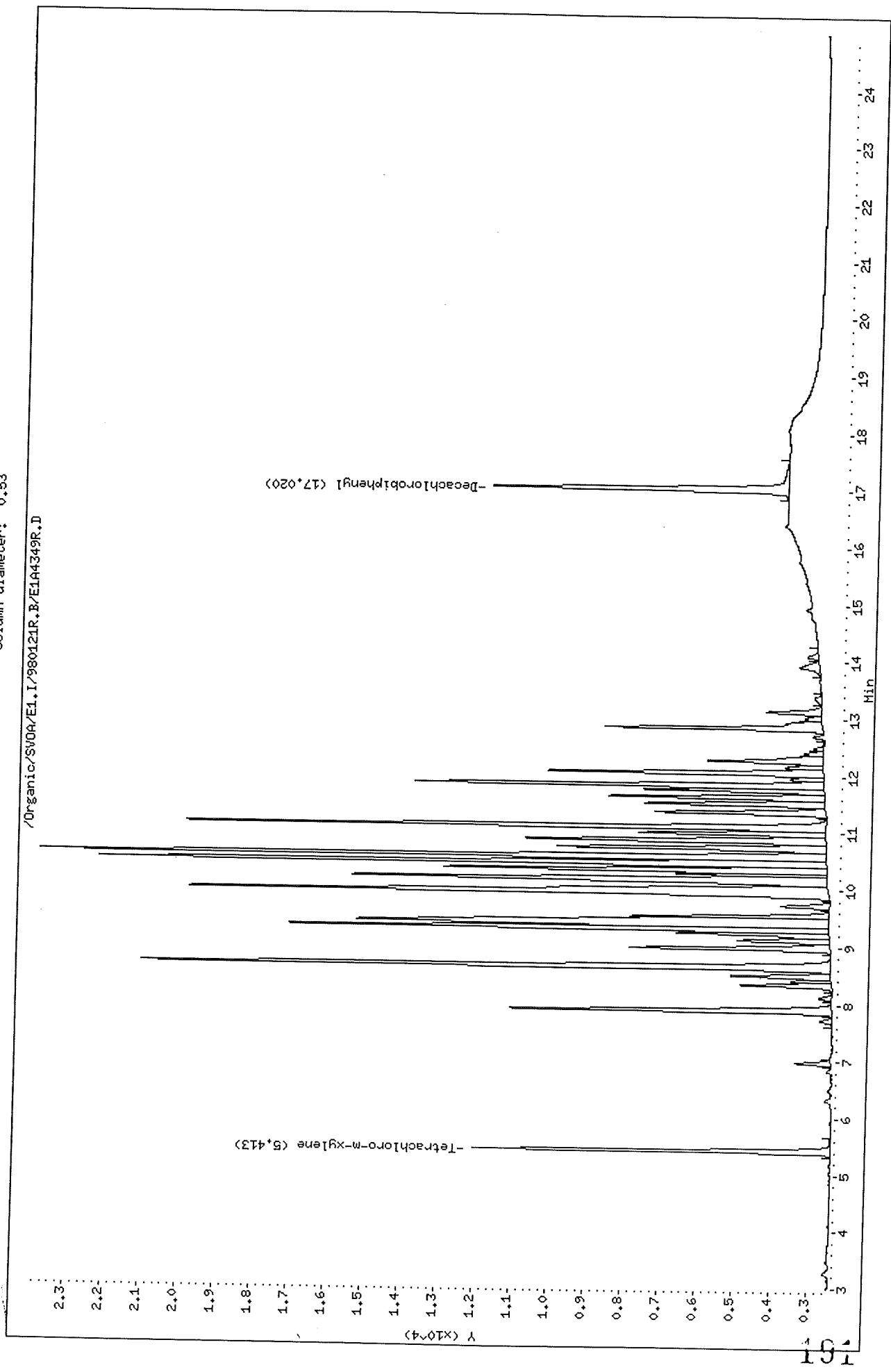
Column diameter: 0.53

/Organic/SV004/E1.I/980121F.B/E1A4349F.D



Data File: /Organic/SV00A/E1.I/980121R.B/E1A4349R.D
Date : 21-JAN-1998 10:10
Client ID: AR1248GA
Sample Info: AR1248GA,AR1248GA,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



/Organic/SV00A/E1.I/980121R.B/E1A4349R.D

Data File: \Organic\SVOA\E1.I\980121F.B\E1A4349F.D
 Report Date: 22-Jan-1998 09:49

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4349F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4349R.D
 Inj Date : 21-JAN-1998 10:10
 Sample Info: AR1248GA,AR1248GA,,ar1248.sub
 Misc Info : 2
 Cal Date : 21-JAN-1998 15:06
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.847 | 5.413 | 4339 | 9618 | 0.0402 | 0.0422 | | 100.00 (a) |
| Aroclor-1248 | 7.970 | 10.450 | 10149 | 19550 | 2.24 | 2.11 | 80.00- 120.00 | 100.00 |
| | 8.657 | 10.727 | 12701 | 7226 | 2.28 | 2.15 | 104.75- 144.75 | 125.15 |
| | 9.107 | 11.097 | 10560 | 17186 | 2.36 | 2.18 | 83.20- 123.20 | 104.05 |
| | Average of Peak Amounts = | | | | 2.29 | 2.15 | | |
| Decachlorobiphenyl | 15.703 | 17.020 | 4571 | 7925 | 0.0409 | 0.0420 | | 100.00 (a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

GL
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Data File: /Organic/SU0A/E1.I/980121F.B/E1A4350F.D

Date : 21-JAN-1998 10:38

Client ID: AR1254GA

Sample Info: AR1254GA,AR1254GA,,ar1254.sub

Volume Injected (uL): 2.0

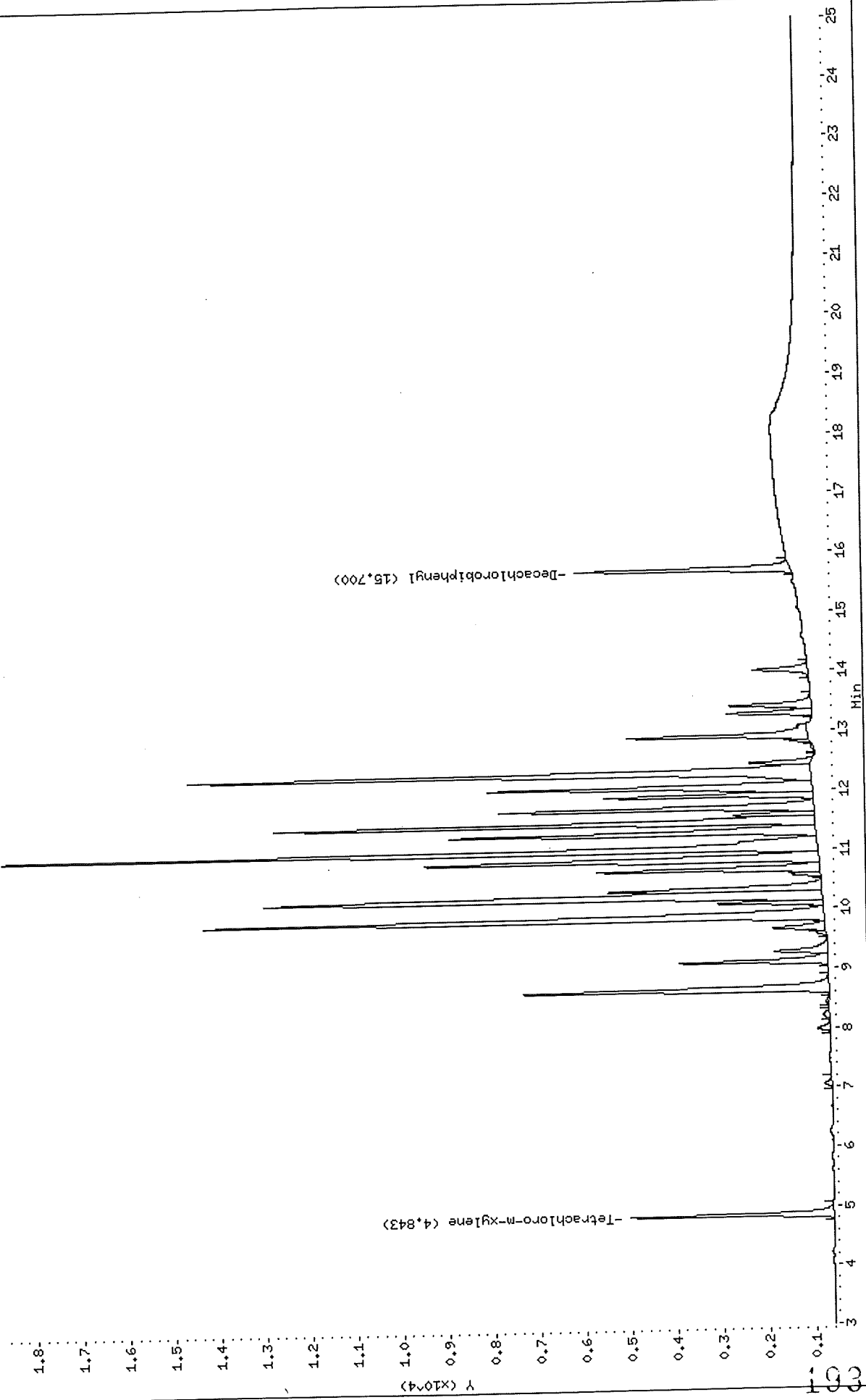
Column phase: DB-1701

Instrument: E1.i

Operator: sph

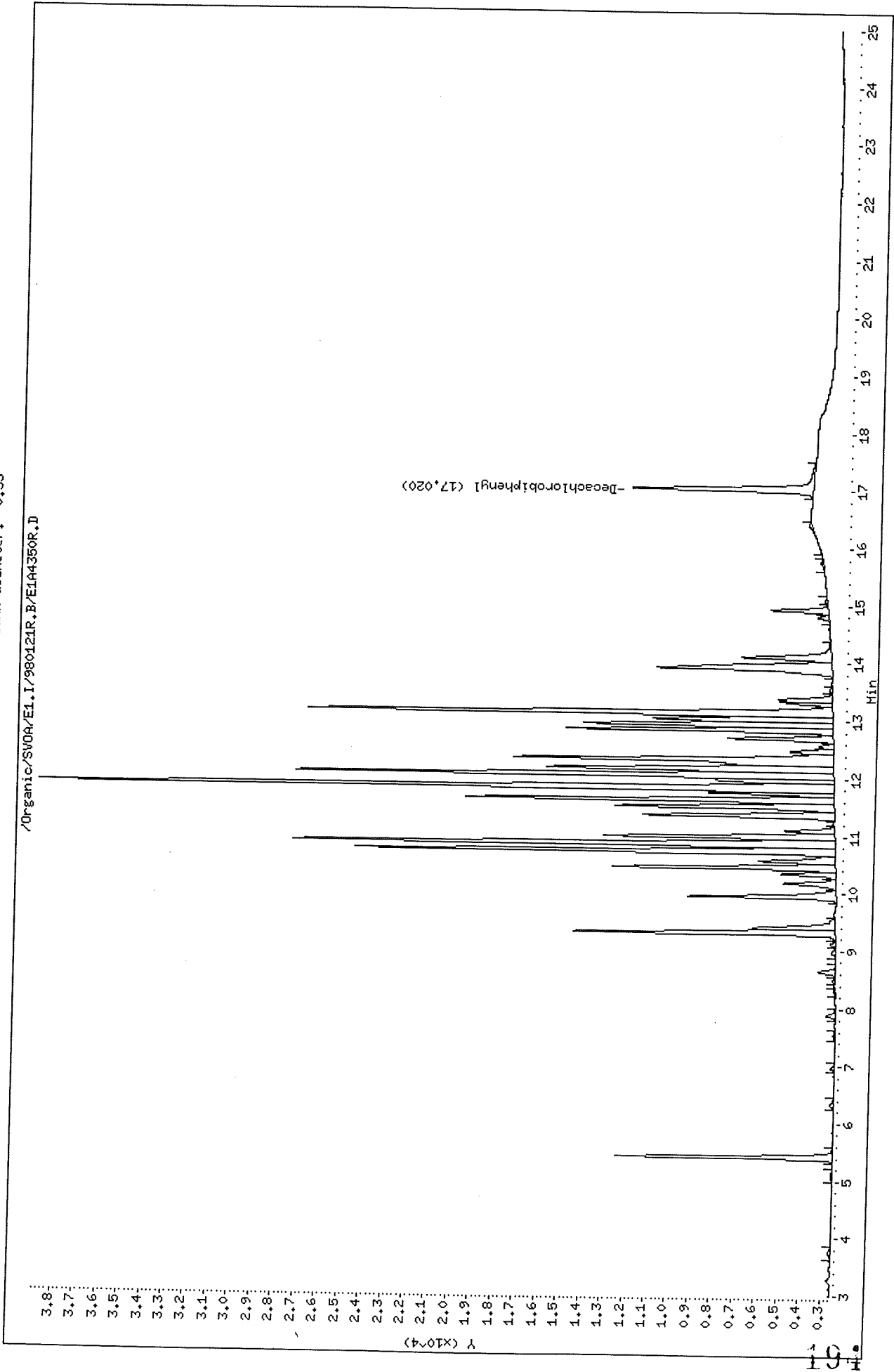
Column diameter: 0.53

/Organic/SU0A/E1.I/980121F.B/E1A4350F.D



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4350R.D
Date : 21-JAN-1998 10:38
Client ID: AR12540A
Sample Info: AR12540A,AR12540A,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.1
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4350F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4350R.D
 Inj Date : 21-JAN-1998 10:38
 Sample Info: AR1254GA,AR1254GA,,ar1254.sub
 Misc Info : 2
 Cal Date : 21-JAN-1998 15:06
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980120R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.843 | 0.000 | 4433 | 0 | 0.0411 | 0.00 | | 100.00(a) |
| Decachlorobiphenyl | 15.700 | 17.020 | 4709 | 8147 | 0.0421 | 0.043 | | 100.00(a) |
| Aroclor-1254 | 9.847 | 10.727 | 13575 | 21823 | 2.44 | 2.2 | 80.00- 120.00 | 100.00 |
| | 10.197 | 10.857 | 12201 | 24659 | 2.42 | 2.2 | 69.61- 109.61 | 89.88 |
| | 11.000 | 11.627 | 17828 | 16747 | 2.53 | 2.2 | 111.14- 151.14 | 131.33 |
| | 11.453 | 12.053 | 11844 | 24445 | 2.48 | 2.2 | 67.93- 107.93 | 87.25 |
| | 11.693 | 12.330 | 6872 | 14521 | 2.47 | 2.2 | 31.91- 71.91 | 50.62 |
| Average of Peak Amounts = | | | | | 2.47 | 2.2 | | |

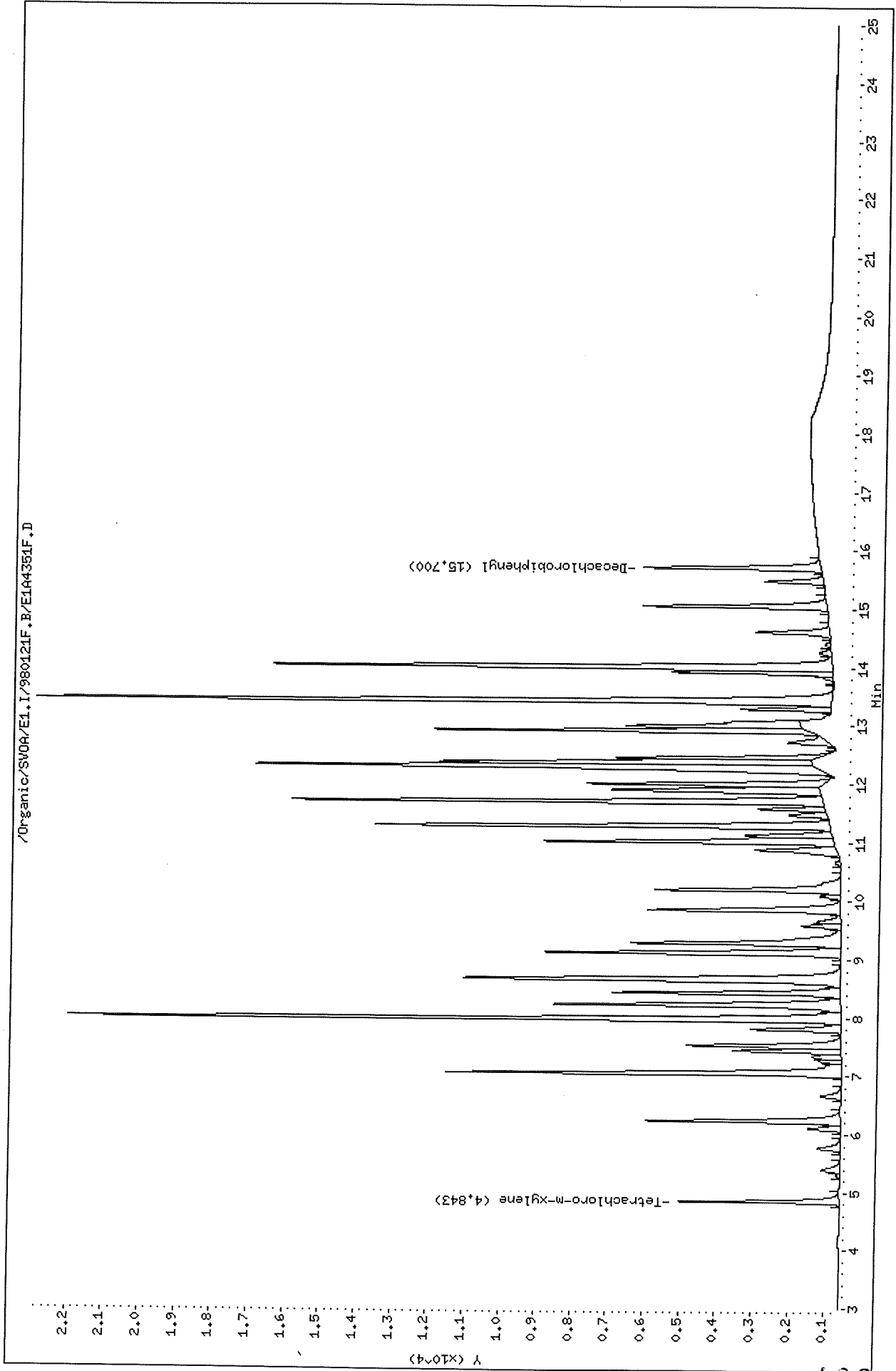
QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

GL
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Data File: /Organic/SV0A/E1.I/980121F.B/E1A4351F.D
Date : 21-JAN-1998 11:07
Client ID: AR1660GA
Sample Info: AR1660GA.AR1660GA,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

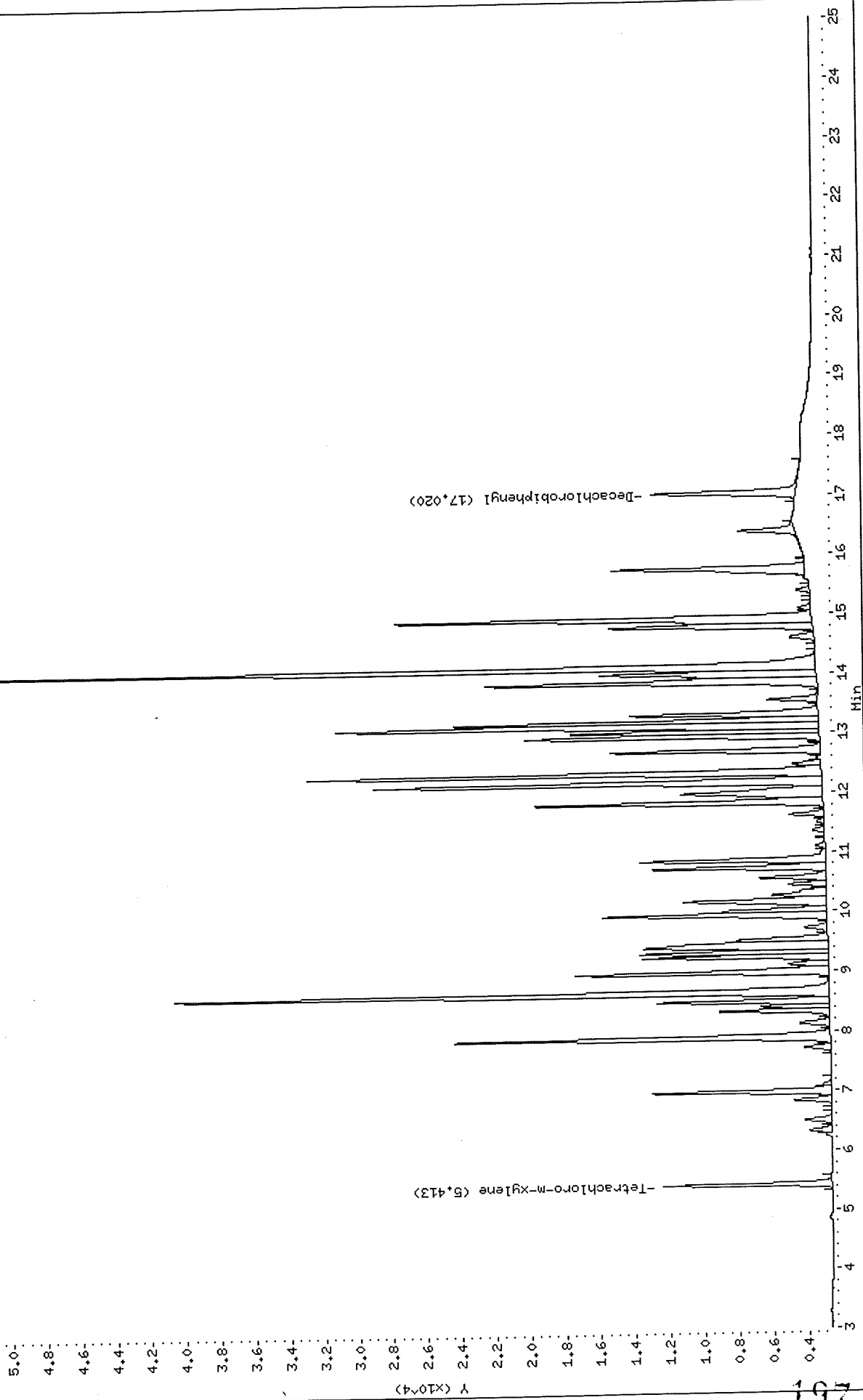
Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4351R.D
Date : 21-JAN-1998 11:07
Client ID: AR1660GA
Sample Info: AR1660GA,AR1660GA,,ar1660.sub
Volume Injected (ul): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53

/Organic/SV0A/E1.I/980121R.B/E1A4351R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4351F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4351R.D
 Inj Date : 21-JAN-1998 11:07
 Sample Info: AR1660GA,AR1660GA,,ar1660.sub
 Misc Info : 2
 Cal Date : 21-JAN-1998 15:07
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-1701

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.843 | 5.413 | 4408 | 9812 | 0.0408 | 0.0430 | | 100.00 (a) |
| Aroclor-1016 | 6.227 | 6.977 | 5364 | 10404 | 2.14 | 2.13 | 80.00- 120.00 | 100.00 |
| | 7.037 | 7.887 | 10907 | 21729 | 2.18 | 2.12 | 183.19- 223.19 | 203.34 |
| | 8.213 | 8.643 | 7908 | 37883 | 2.21 | 2.17 | 126.96- 166.96 | 147.43 |
| | Average of Peak Amounts = | | | | 2.18 | 2.14 | | |
| Decachlorobiphenyl | 15.700 | 17.020 | 4901 | 8369 | 0.0438 | 0.0443 | | 100.00 (a) |
| Aroclor-1260 | 12.903 | 13.847 | 10341 | 19158 | 2.32 | 2.24 | 80.00- 120.00 | 100.00 |
| | 13.413 | 14.097 | 21943 | 47604 | 2.47 | 2.17 | 192.08- 232.08 | 212.19 |
| | 14.007 | 14.923 | 15448 | 24177 | 2.43 | 2.20 | 129.46- 169.46 | 149.39 |
| | Average of Peak Amounts = | | | | 2.41 | 2.20 | | |

6L
1/22/98

Data File: \Organic\SVOA\E1.I\980121F.B\E1A4351F.D
Report Date: 22-Jan-1998 09:49

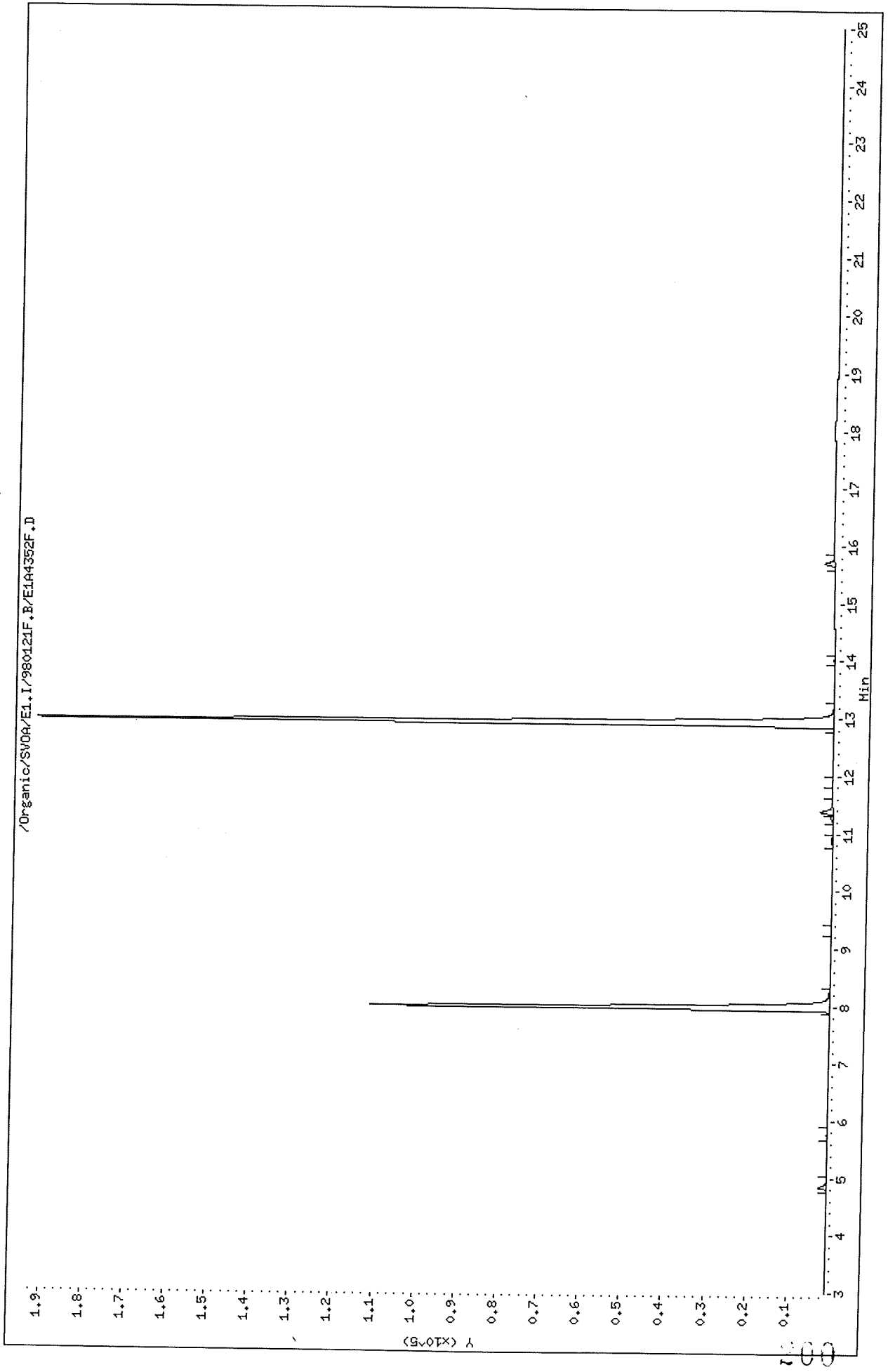
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

GL
1/22/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4352F.D
Date: 21-JAN-1998 11:35
Client ID: CONGA
Sample Info: CONGA,CONGA,cog.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



/Organic/SV0A/E1.I/980121F.B/E1A4352F.D

Data File: /Organic/SV0A/E1.I/980121R.B/E1A4352R.D

Date : 21-JAN-1998 11:35

Client ID: CONGA

Sample Info: CONGA,CONGA,cog.sub

Volume Injected (uL): 2.0

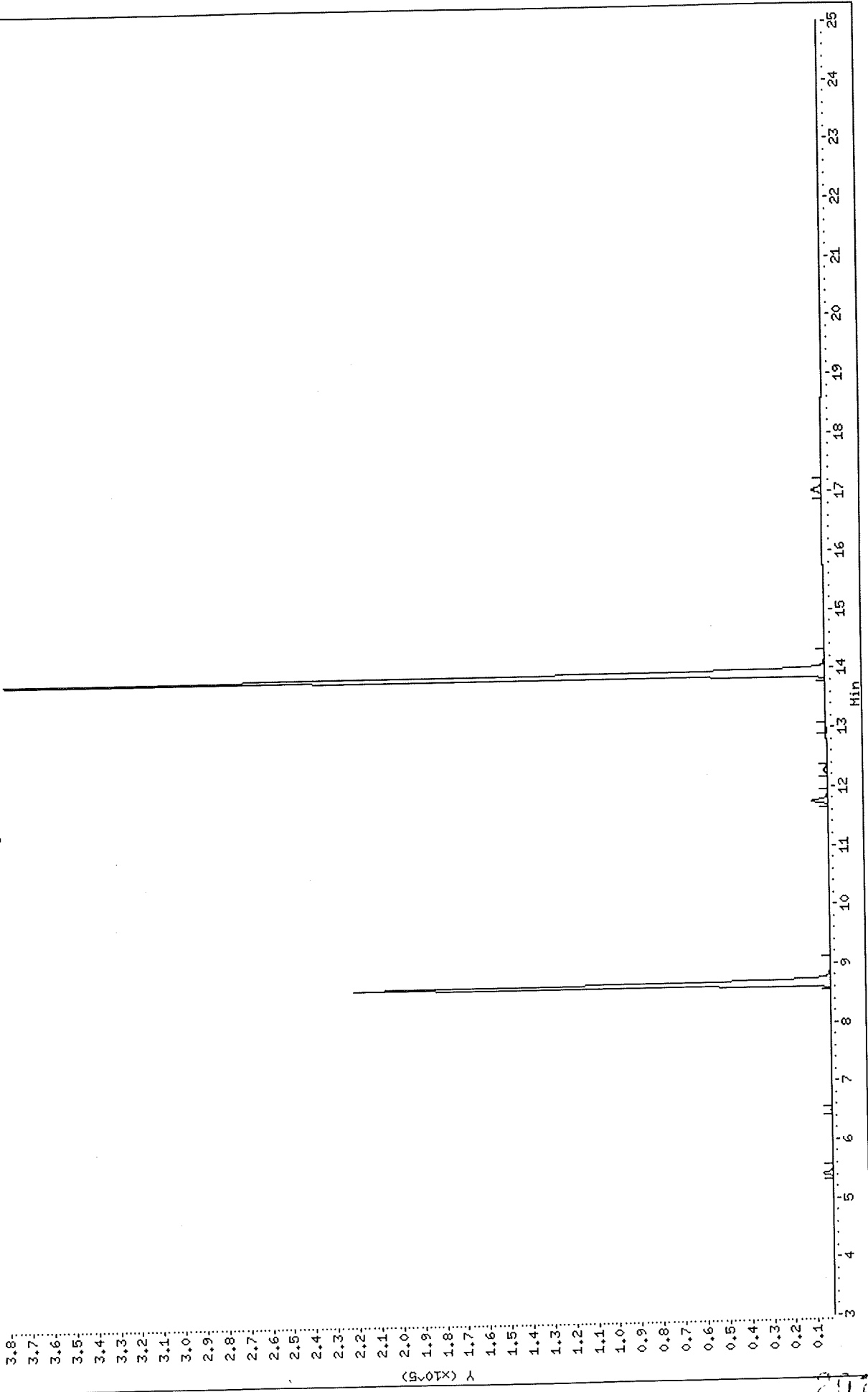
Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53

/Organic/SV0A/E1.I/980121R.B/E1A4352R.D



Data File: \Organic\SVOA\E1.I\980121F.B\E1A4352F.D
 Report Date: 22-Jan-1998 09:49

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4352F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4352R.D
 Inj Date : 21-JAN-1998 11:35
 Sample Info: CONGA, CONGA, cog.sub
 Misc Info : ,3
 Cal Date : 22-JAN-1998 09:15
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980120R.B\E1_PCB_R.M
 Sub List #1 : cog.sub
 Sub List #2 : cog.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|--------------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| 2,4,4'-Trichlorobiphenyl | 7.963 | 8.650 | 110652 | 218517 | 2.08 | 2.1 | | 100.00 |
| Hexachlorobiphenyl | 12.900 | 13.907 | 191288 | 377020 | 2.14 | 2.1 | | 100.00 |

GL
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Data File: /Organic/SV0A/E1.I/980121F.B/E1A4363F.D

Date : 21-JAN-1998 16:42

Client ID: AR1242G3

Sample Info: AR1242G3.AR1242G3,,ar1242.sub

Volume Injected (uL): 2.0

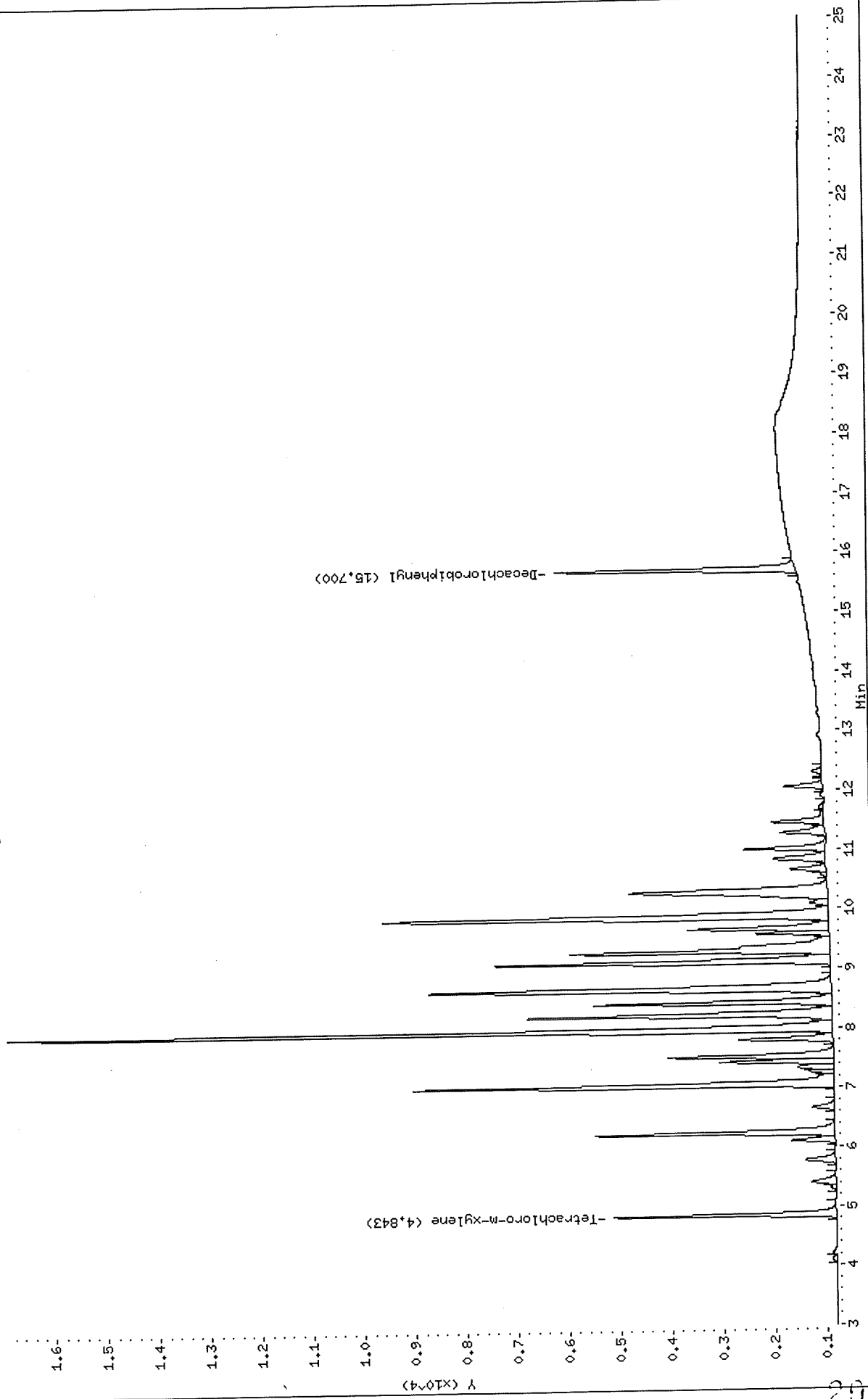
Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53

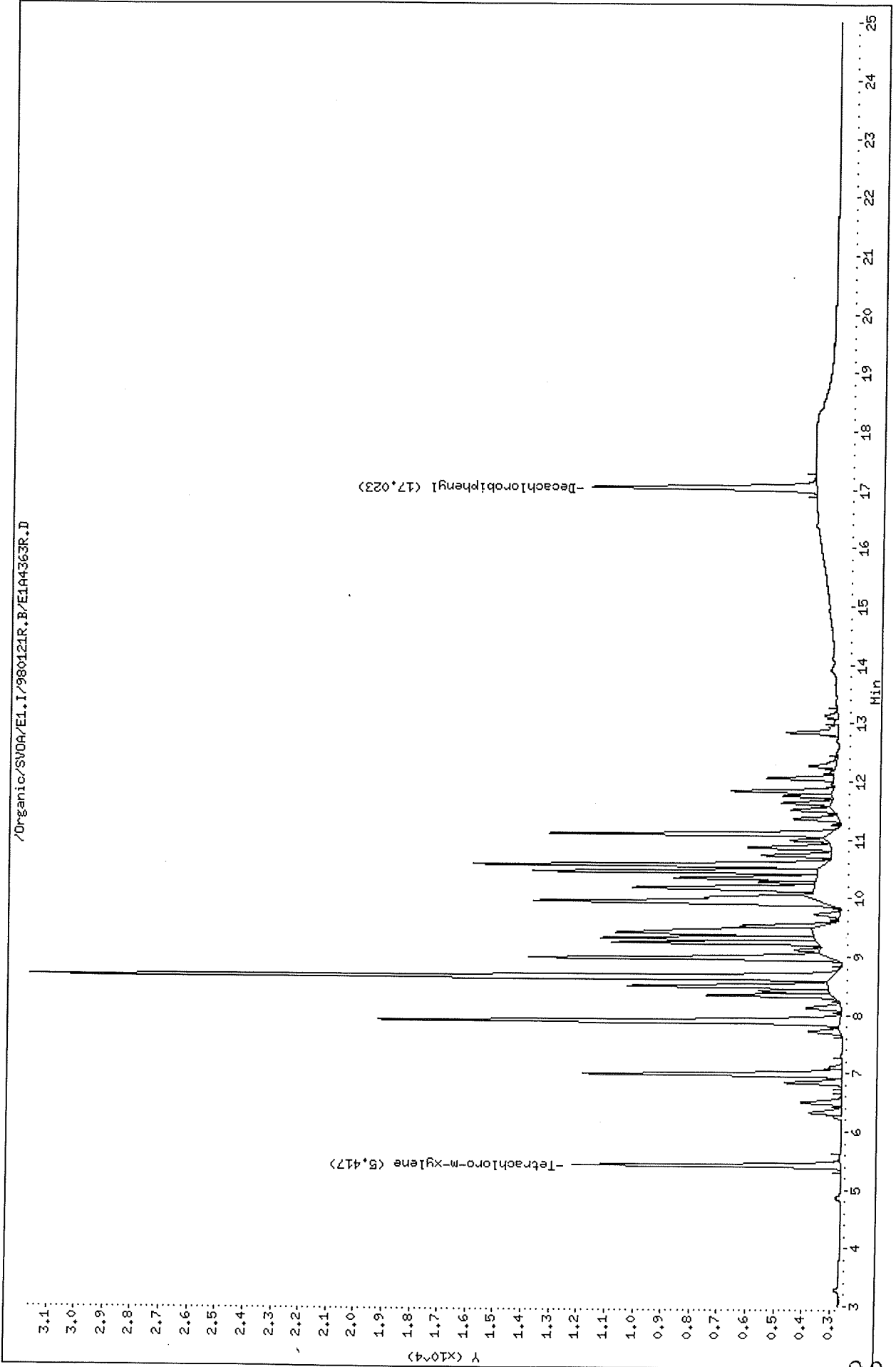
/Organic/SV0A/E1.I/980121F.B/E1A4363F.D



20
25

Data File: /Organic/SV00A/E1.I/980121R.B/E1A4363R.D
Date: 21-JAN-1998 16:42
Client ID: AR1242G3
Sample Info: AR1242G3.AR1242G3..ar1242.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4363F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4363R.D
 Inj Date : 21-JAN-1998 16:42
 Sample Info: AR1242G3,AR1242G3,,ar1242.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4334 | 9544 | 0.0402 | 0.0418 | | 100.00 (a) |
| Aroclor-1242 | 6.227 | 6.977 | 4669 | 9212 | 2.19 | 2.16 | 80.00- 120.00 | 100.00 |
| | 7.037 | 7.887 | 8218 | 16497 | 2.26 | 2.12 | 156.78- 196.78 | 176.01 |
| | 7.963 | 8.643 | 16081 | 28615 | 2.32 | 2.14 | 325.08- 365.08 | 344.42 |
| | 8.213 | 8.977 | 5913 | 10775 | 2.28 | 2.07 | 106.46- 146.46 | 126.64 |
| | 8.417 | 9.240 | 4616 | 7323 | 2.27 | 1.91 | 78.44- 118.44 | 98.86 |
| | Average of Peak Amounts = | | | | 2.26 | 2.08 | | |
| Decachlorobiphenyl | 15.700 | 17.023 | 4688 | 7961 | 0.0419 | 0.0422 | | 100.00 (a) |

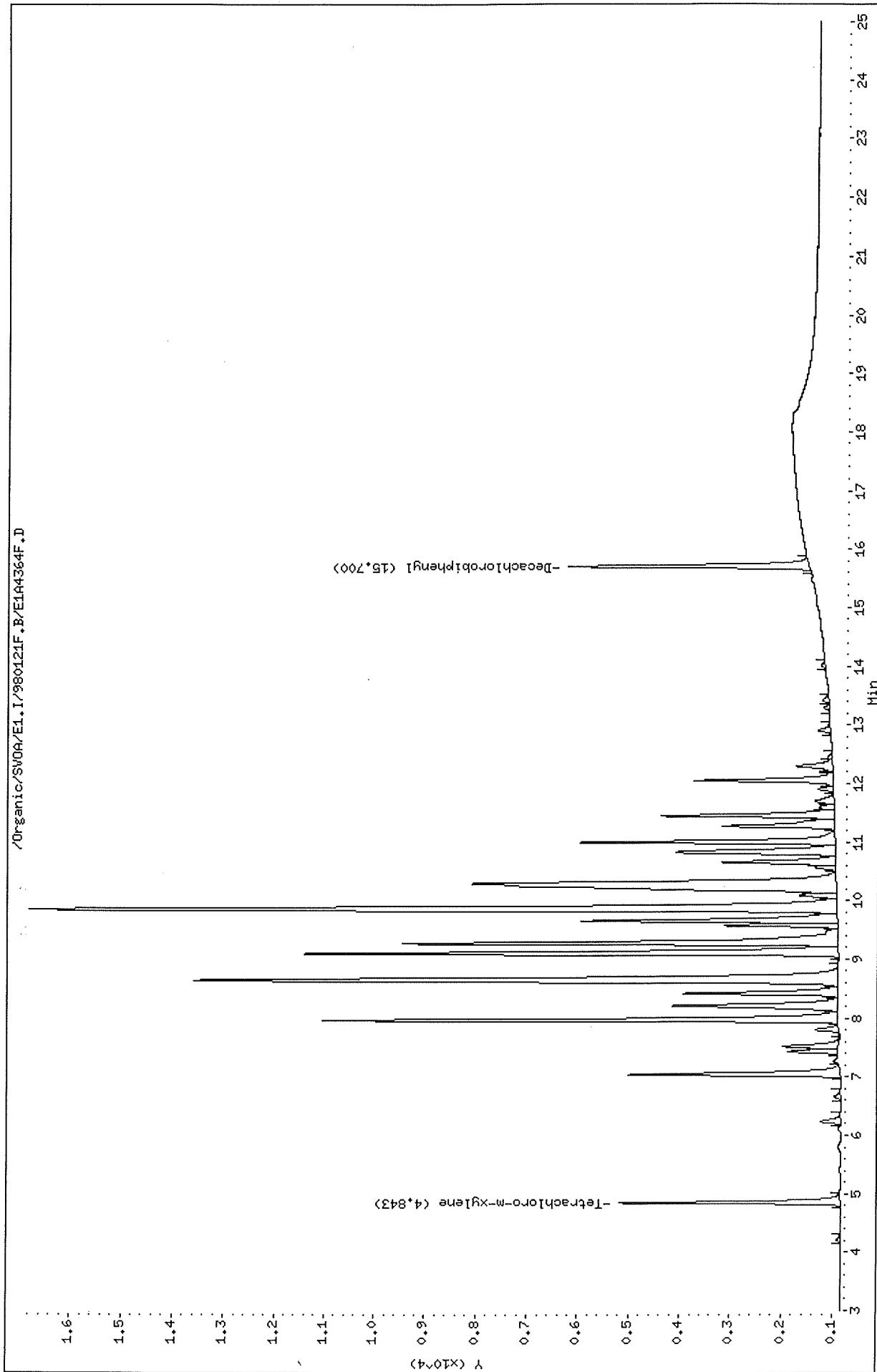
QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

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 1/22-198

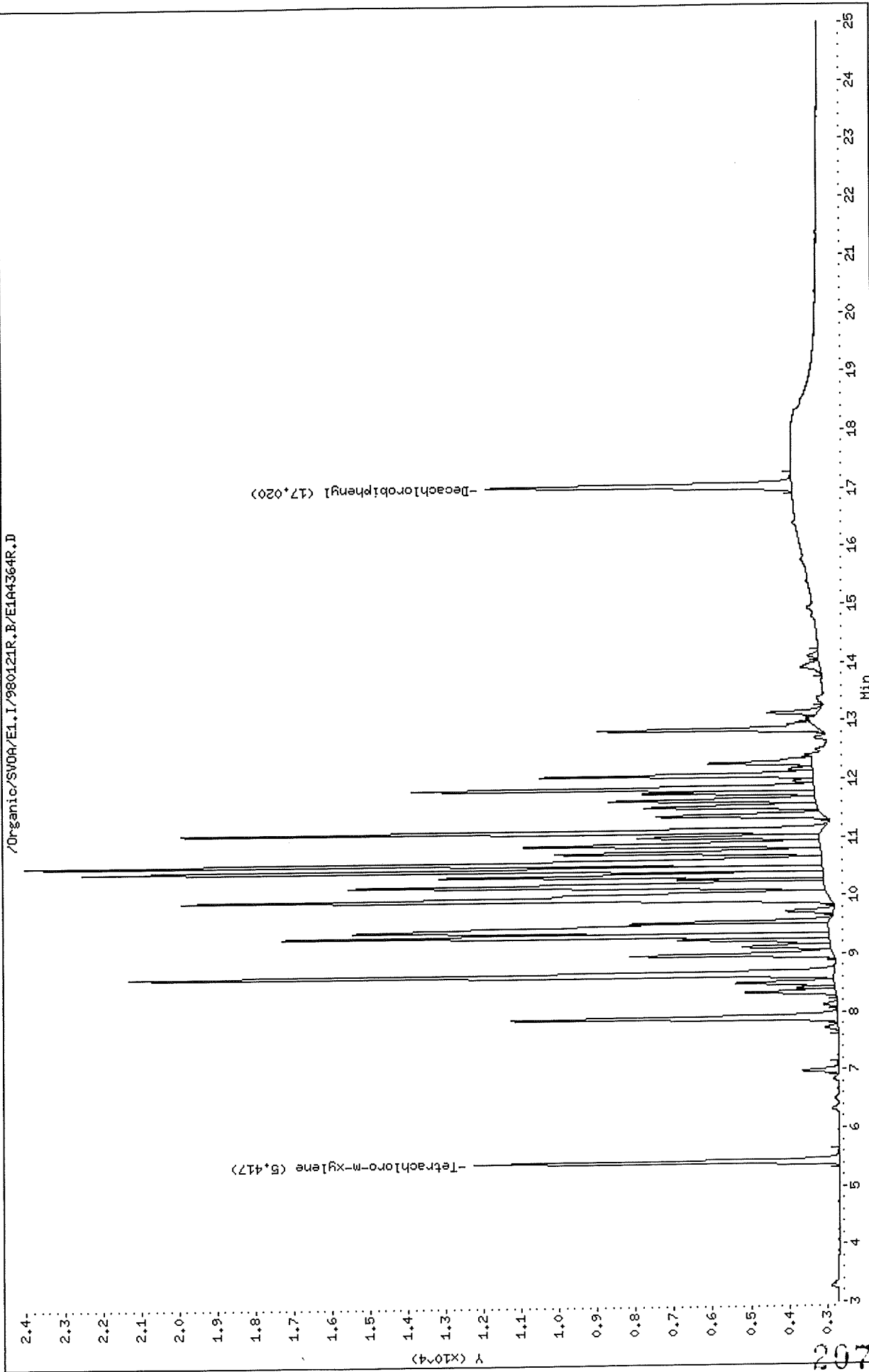
Data File: /Organic/SV0A/E1.I/980121F.B/E1A4364F.D
Date : 21-JAN-1998 17:10
Client ID: AR1248GA
Sample Info: AR1248GA,AR1248GA,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4364R.D
Date : 21-JAN-1998 17:10
Client ID: AR1248GA
Sample Info: AR1248GA,AR1248GA,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: EL.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4364F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4364R.D
 Inj Date : 21-JAN-1998 17:10
 Sample Info: AR1248GA,AR1248GA,,ar1248.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4345 | 9596 | 0.0403 | 0.0421 | | 100.00(a) |
| Aroclor-1248 | 7.963 | 10.450 | 10142 | 19432 | 2.24 | 2.10 | 80.00- 120.00 | 100.00 |
| | 8.653 | 10.727 | 12684 | 6967 | 2.28 | 2.07 | 104.75- 144.75 | 125.06 |
| | 9.103 | 11.097 | 10516 | 16814 | 2.35 | 2.13 | 83.20- 123.20 | 103.69 |
| | Average of Peak Amounts = | | | | 2.29 | 2.10 | | |
| Decachlorobiphenyl | 15.700 | 17.020 | 4741 | 8008 | 0.0424 | 0.0424 | | 100.00(a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

AL
 1/22/98

Data File: /Organic/SV00A/E1.I/980121F.B/E1A4365F.D

Date: 21-JAN-1998 17:38

Client ID: AR1254GA

Sample Info: AR1254GA,AR1254GA,,ar1254.sub

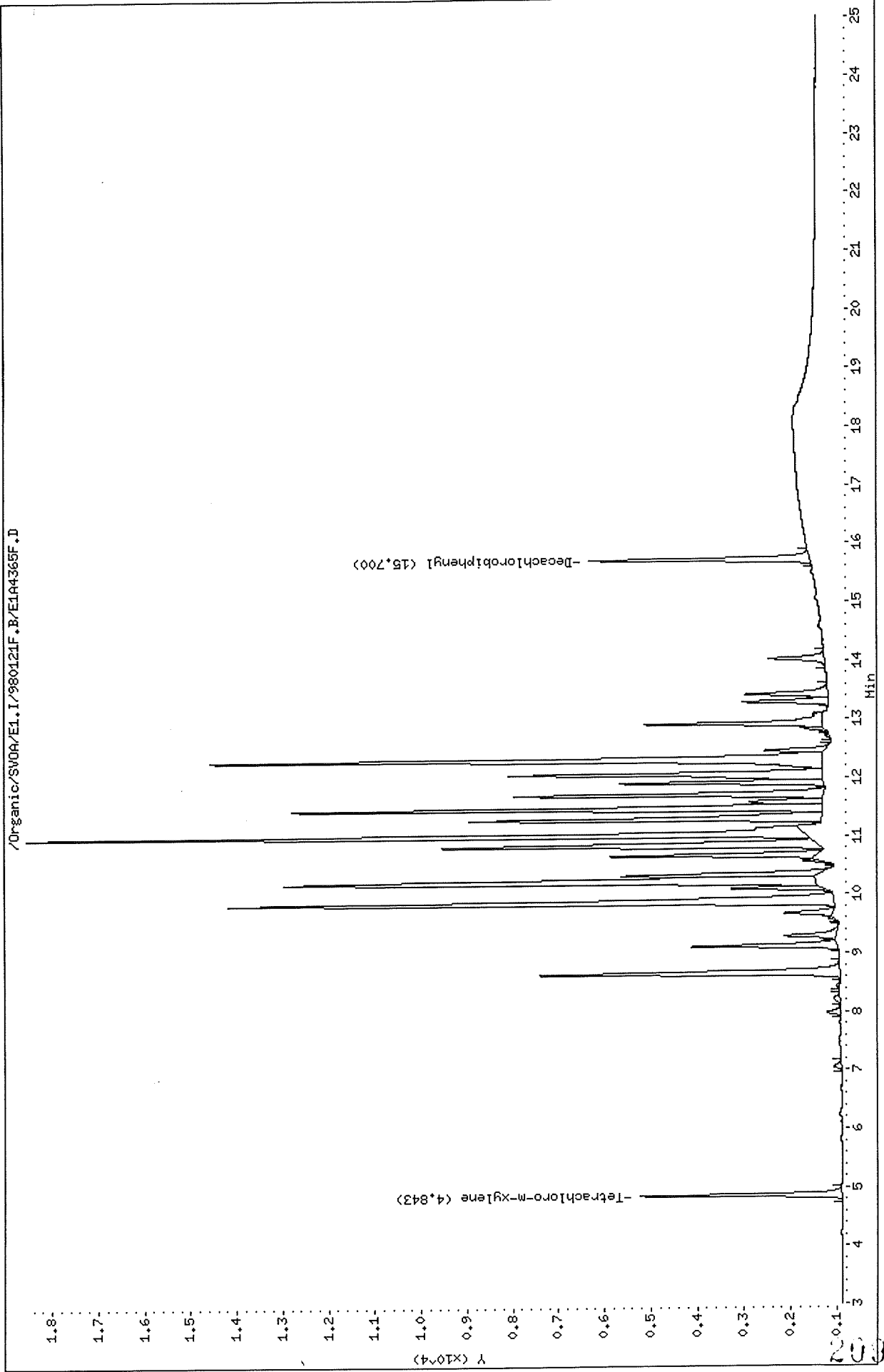
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

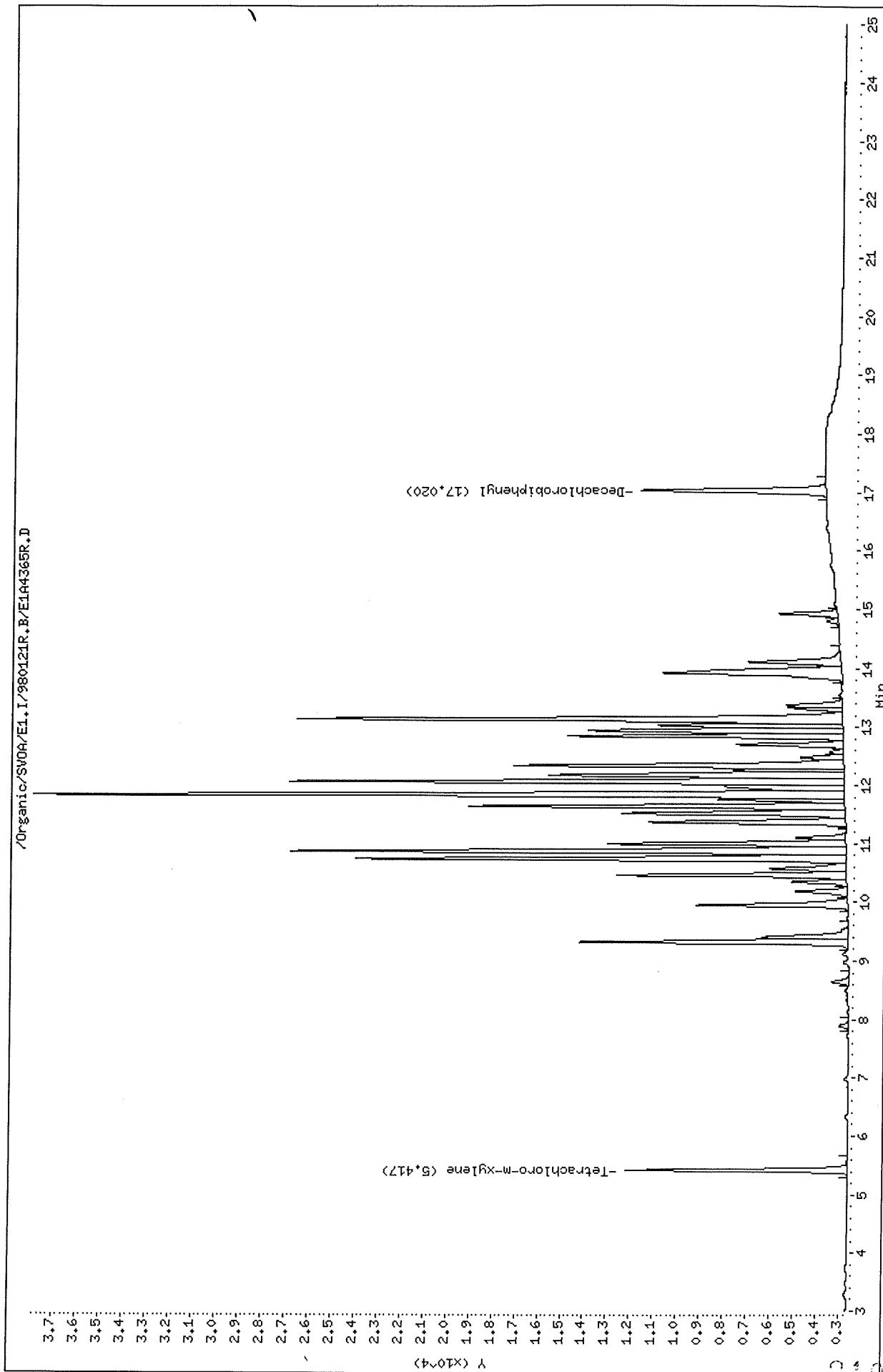
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4365R.D
Date: 21-JAN-1998 17:38
Client ID: AR1254CA
Sample Info: AR1254CA,AR1254CA,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4365F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4365R.D
 Inj Date : 21-JAN-1998 17:38
 Sample Info: AR1254GA,AR1254GA,,ar1254.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4335 | 9521 | 0.0402 | 0.0417 | | 100.00 (a) |
| Decachlorobiphenyl | 15.700 | 17.020 | 4750 | 7922 | 0.0425 | 0.0420 | | 100.00 (a) |
| Aroclor-1254 | 9.847 | 10.727 | 13110 | 21160 | 2.36 | 2.14 | 80.00- 120.00 | 100.00 |
| | 10.197 | 10.857 | 11523 | 23999 | 2.29 | 2.13 | 69.61- 109.61 | 87.89 |
| | 11.000 | 11.627 | 16883 | 16226 | 2.40 | 2.17 | 111.14- 151.14 | 128.78 |
| | 11.453 | 12.053 | 11480 | 23925 | 2.40 | 2.16 | 67.93- 107.93 | 87.57 |
| | 11.690 | 12.330 | 6681 | 14214 | 2.40 | 2.19 | 31.91- 71.91 | 50.96 |
| Average of Peak Amounts = | | | | | 2.37 | 2.16 | | |

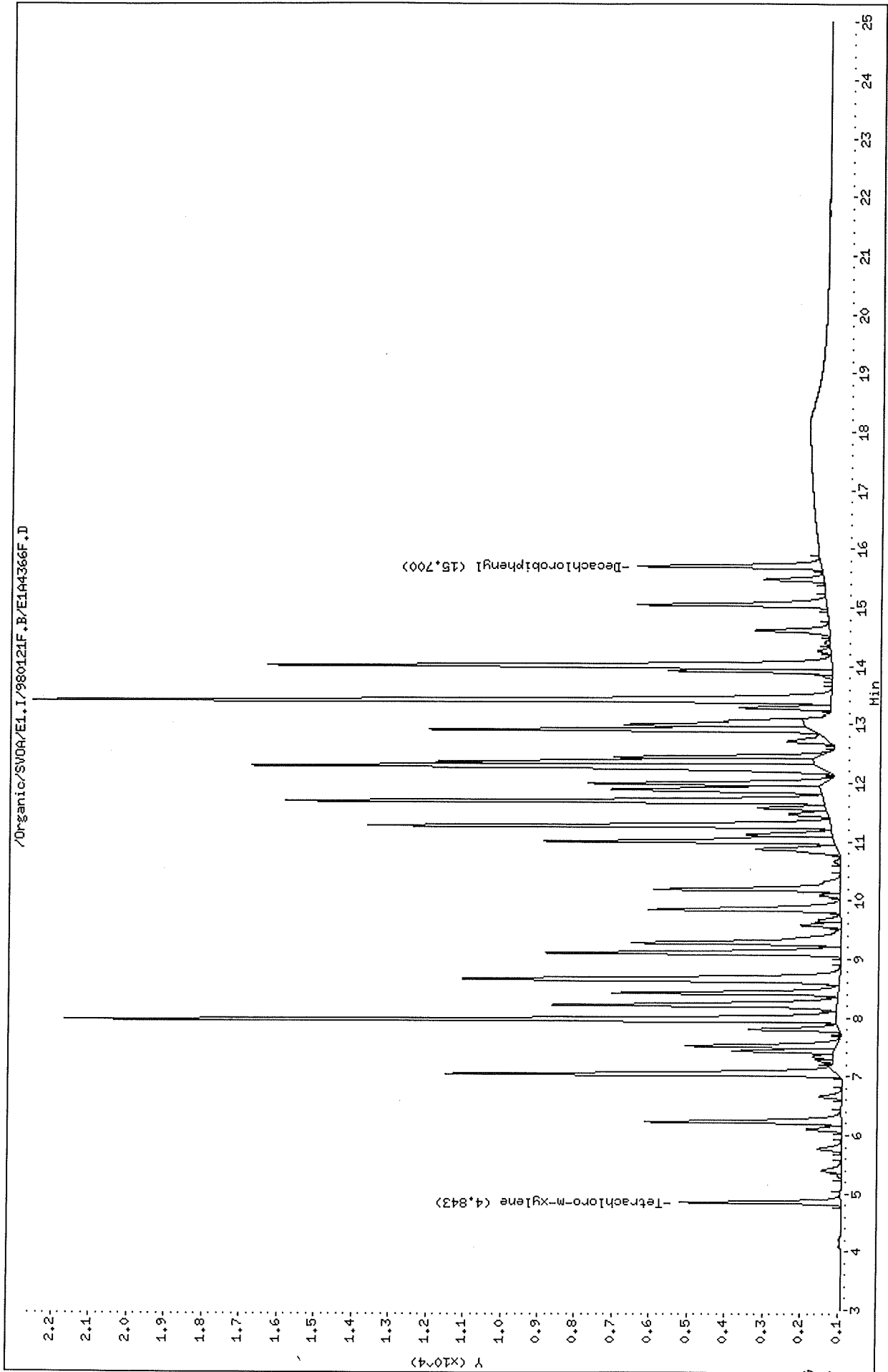
QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

GC
1/21/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4366F.D
Date : 21-JAN-1998 18:06
Client ID: AR1660GA
Sample Info: AR1660GA,AR1660GA,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-4701

Instrument: E1.i
Operator: sph
Column diameter: 0.53

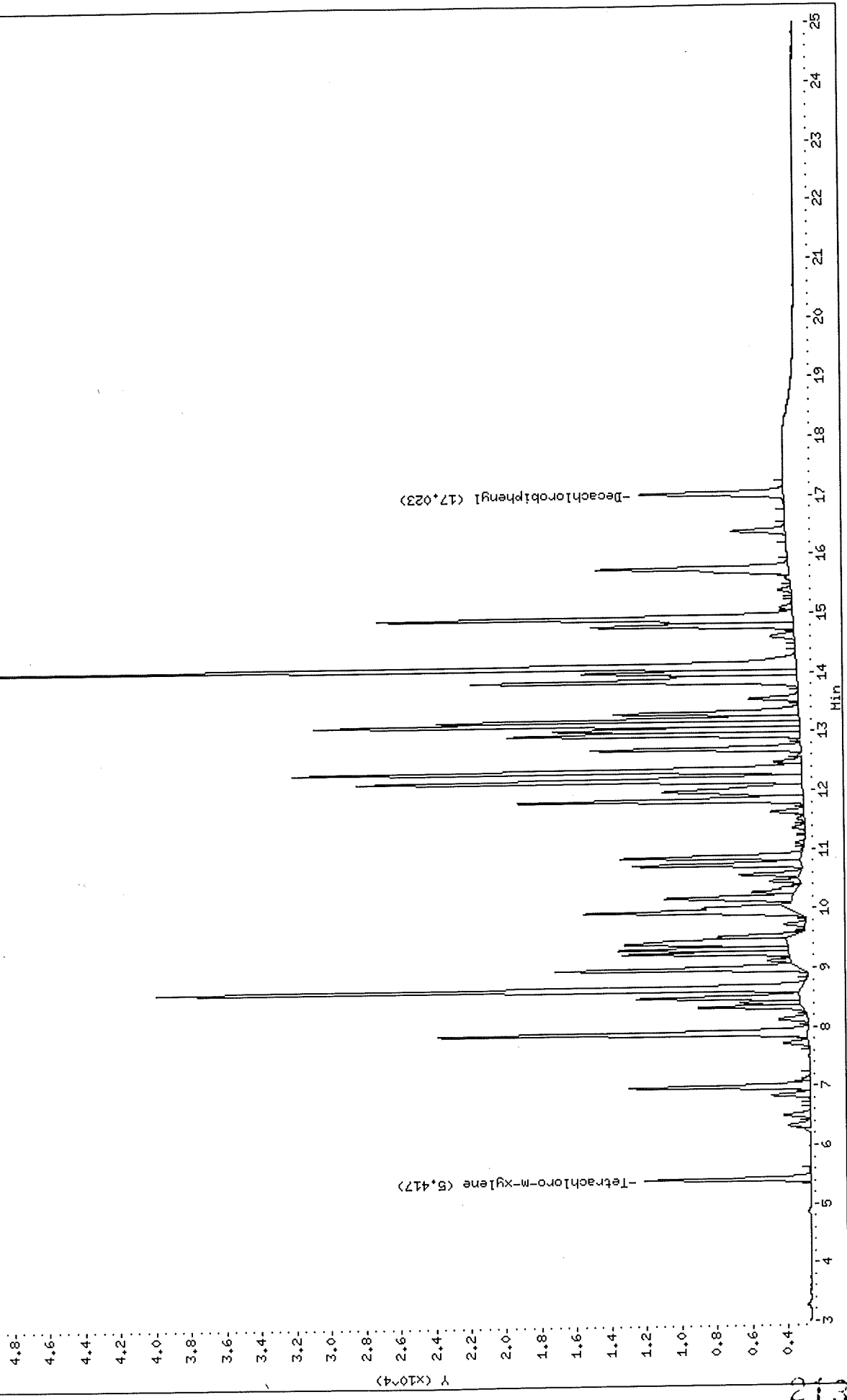


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Data File: /Organic/SV00A/E1.I/980121R.B/E1A4366R.D
Date : 21-JAN-1998 18:06
Client ID: AR1660GA
Sample Info: AR1660GA,AR1660GA,AR1660GA,,ar1660.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: EI.i
Operator: sph
Column diameter: 0.53

/Organic/SV00A/E1.I/980121R.B/E1A4366R.D



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4366F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4366R.D
 Inj Date : 21-JAN-1998 18:06
 Sample Info: AR1660GA,AR1660GA,,ar1660.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:40
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4286 | 9427 | 0.0397 | 0.0413 | | 100.00 (a) |
| Aroclor-1016 | 6.227 | 6.977 | 5232 | 10254 | 2.09 | 2.10 | 80.00- 120.00 | 100.00 |
| | 7.037 | 7.890 | 10448 | 21030 | 2.08 | 2.05 | 183.19- 223.19 | 199.69 |
| | 8.213 | 8.643 | 7578 | 36698 | 2.12 | 2.10 | 126.96- 166.96 | 144.84 |
| | Average of Peak Amounts = | | | | 2.10 | 2.08 | | |
| Decachlorobiphenyl | 15.700 | 17.023 | 4890 | 8198 | 0.0437 | 0.0434 | | 100.00 (a) |
| Aroclor-1260 | 12.903 | 13.850 | 10158 | 18593 | 2.28 | 2.18 | 80.00- 120.00 | 100.00 |
| | 13.413 | 14.100 | 21304 | 46488 | 2.40 | 2.12 | 192.08- 232.08 | 209.73 |
| | 14.007 | 14.923 | 15080 | 23703 | 2.37 | 2.16 | 129.46- 169.46 | 148.45 |
| | Average of Peak Amounts = | | | | 2.35 | 2.15 | | |

GL
1/22/98

Data File: \Organic\SVOA\E1.I\980121F.B\E1A4366F.D
Report Date: 22-Jan-1998 09:50

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

GL
1/22/98

Data File: /Organic/SV00A/E1.I/980121F.B/E1A4367F.D

Date: 21-JAN-1998 18:34

Client ID: CONGA

Sample Info: CONGA,CONGA,cog.sub

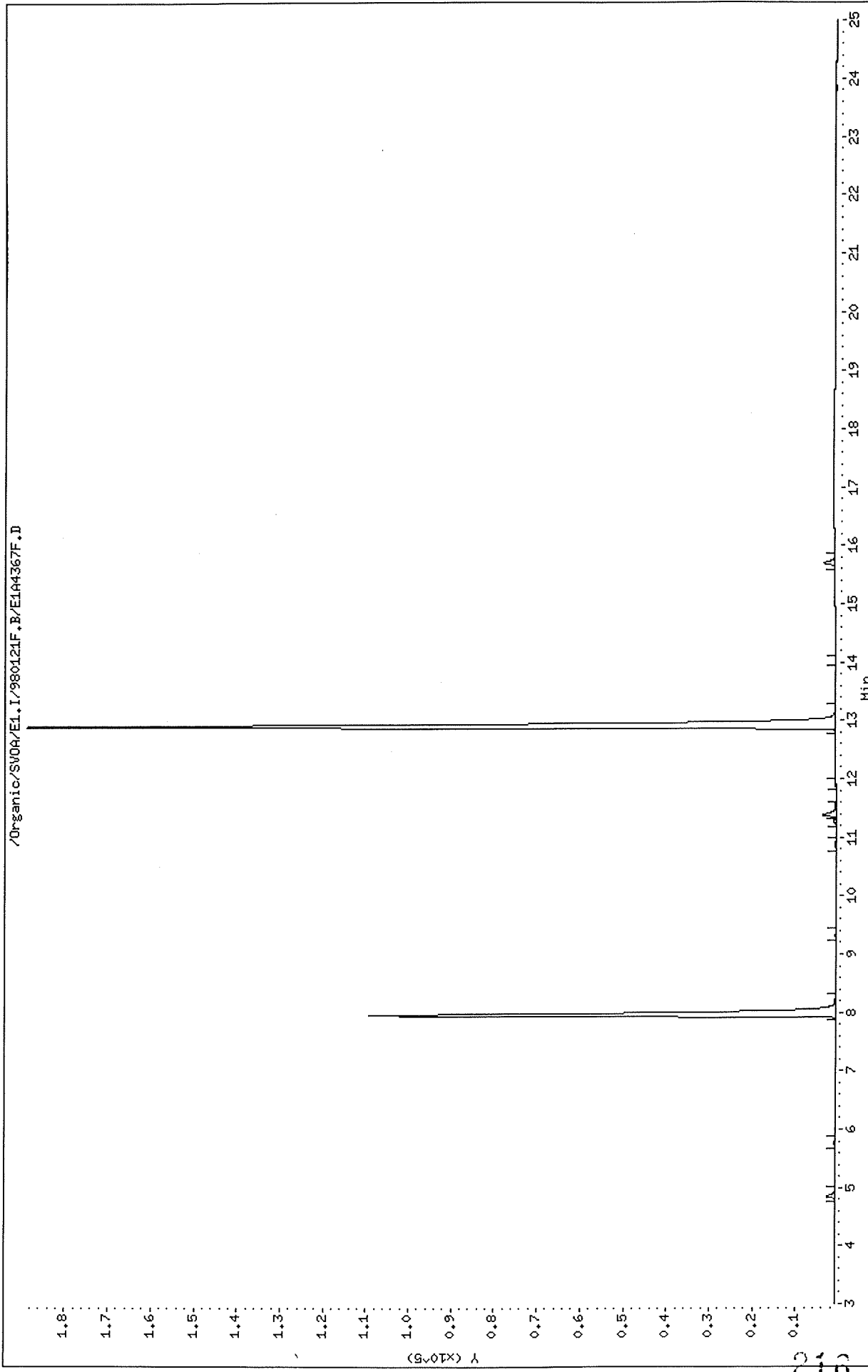
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4367R.D

Date : 21-JAN-1998 18:34

Client ID: CONGA

Sample Info: CONGA,CONGA,cog.sub

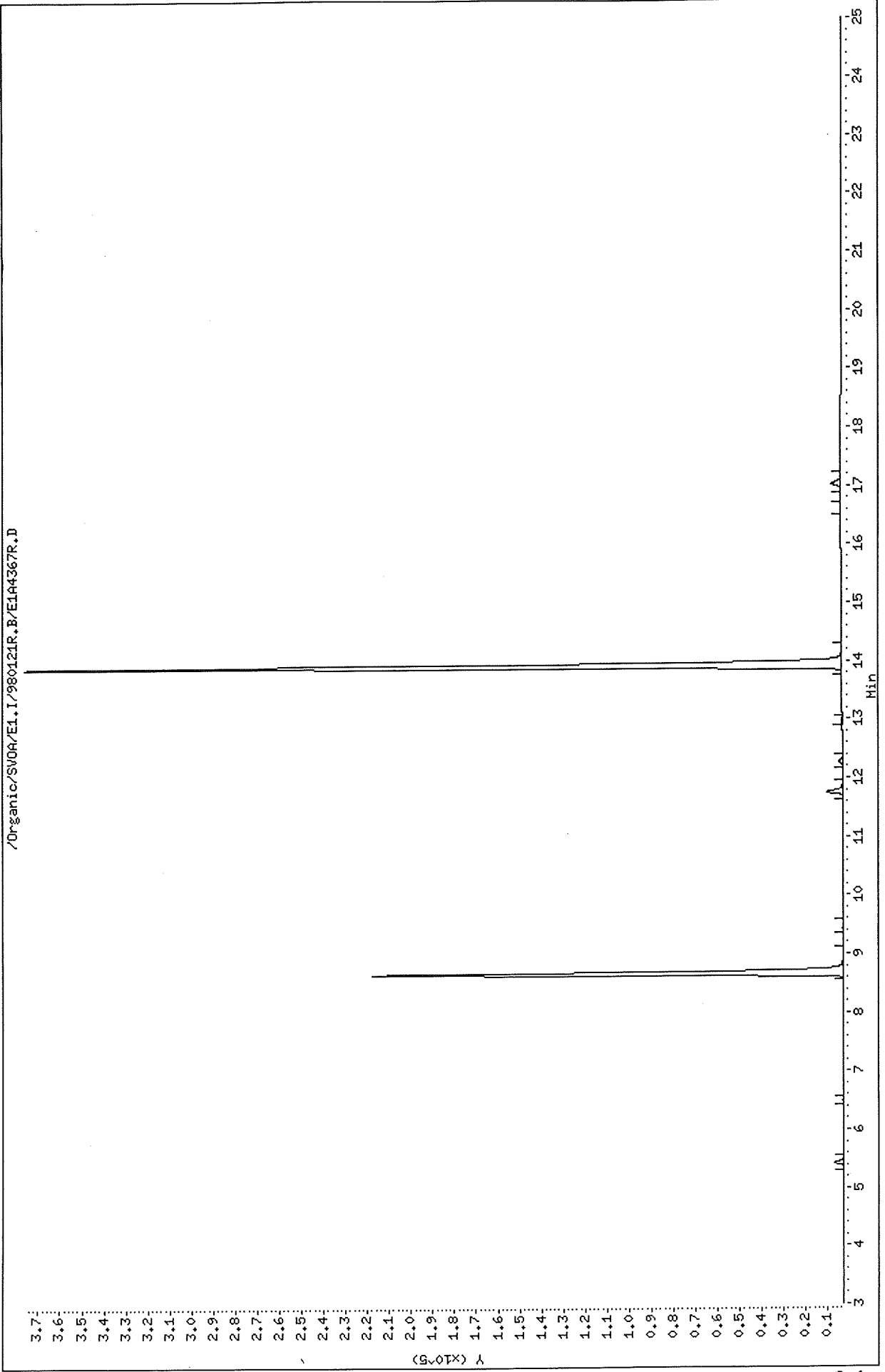
Volume Injected (ul.): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Data File: \Organic\SVOA\E1.I\980121F.B\E1A4367F.D
 Report Date: 22-Jan-1998 09:51

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4367F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4367R.D
 Inj Date : 21-JAN-1998 18:34
 Sample Info: CONGA, CONGA, cog.sub
 Misc Info : ,3
 Cal Date : 22-JAN-1998 09:15
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : cog.sub
 Sub List #2 : cog.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

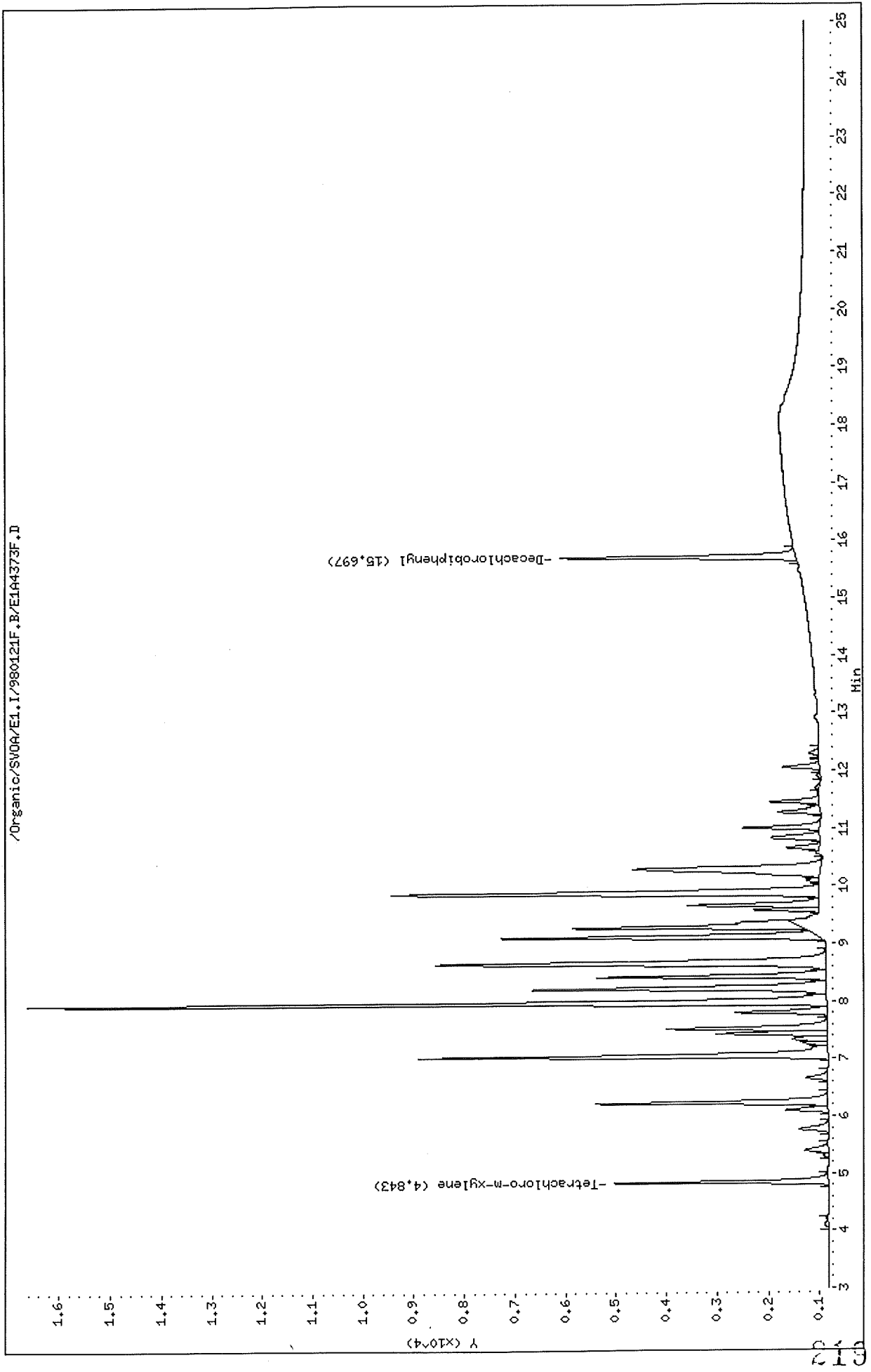
| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|--------------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| 2,4,4'-Trichlorobiphenyl | 7.967 | 8.653 | 108402 | 214666 | 2.03 | 2.04 | | 100.00 |
| Hexachlorobiphenyl | 12.900 | 13.907 | 187774 | 372695 | 2.10 | 2.11 | | 100.00 |

GL
1/22/98

Data File: /Organic/SV004/E1.I/980121F.B/E1A4373F.D
Date : 21-JAN-1998 21:21
Client ID: AR124263
Sample Info: AR124263,AR124263,,ar-1242.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980121R.B/E1A4373R.D

Date : 21-JAN-1998 21:21

Client ID: AR1242G3

Sample Info: AR1242G3,AR1242G3,,ar1242.sub

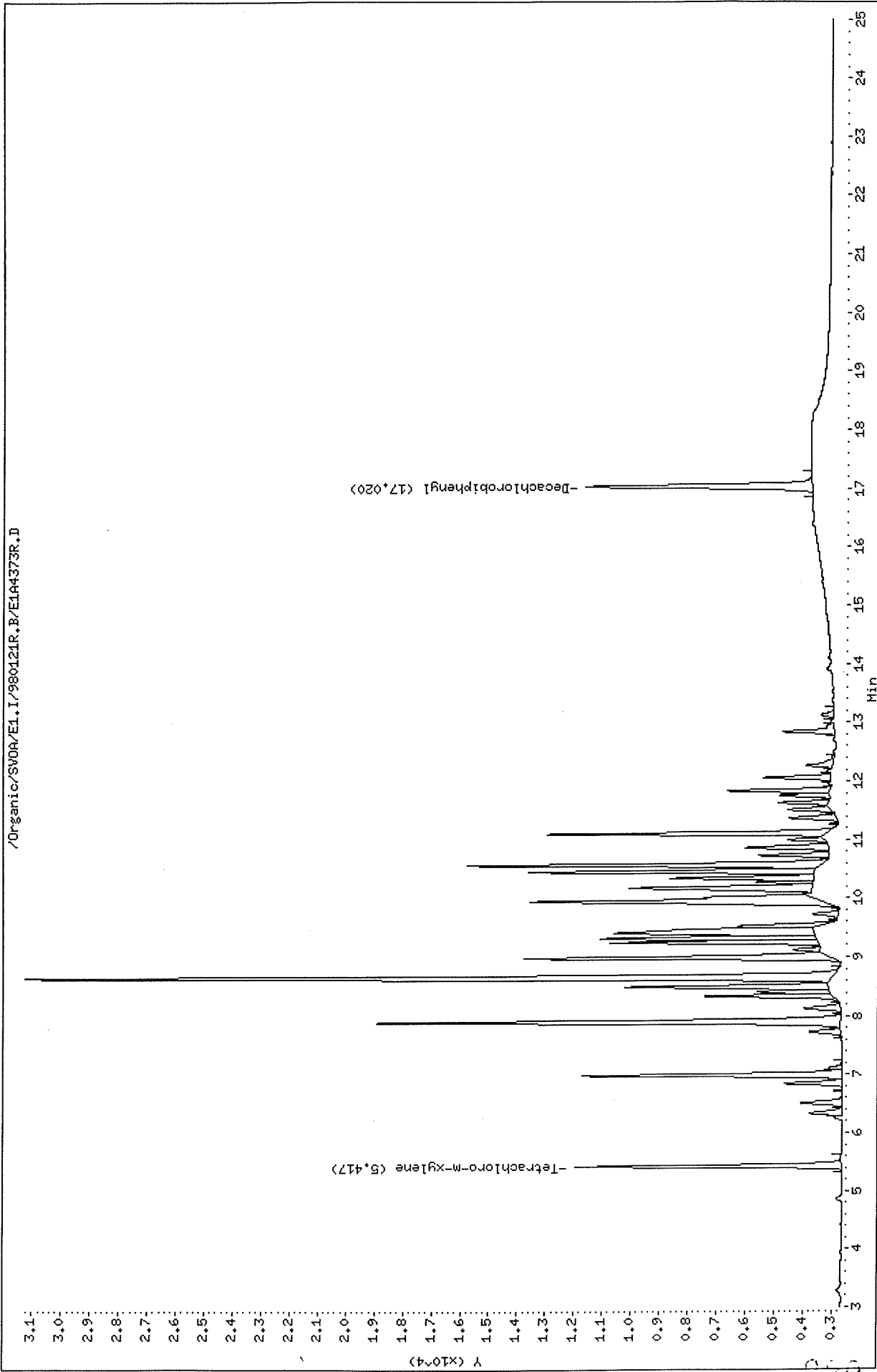
Volume Injected (uL): 2.0

Column phase: DB-608

Instrument: E1.i

Operator: sph

Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4373F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4373R.D
 Inj Date : 21-JAN-1998 21:21
 Sample Info: AR1242G3,AR1242G3,,ar1242.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:41
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1242.sub
 Sub List #2 : ar1242.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4201 | 9320 | 0.0389 | 0.0408 | | 100.00(a) |
| Aroclor-1242 | 6.227 | 6.977 | 4565 | 9053 | 2.14 | 2.12 | 80.00- 120.00 | 100.00 |
| | 7.037 | 7.887 | 8070 | 16191 | 2.22 | 2.08 | 156.78- 196.78 | 176.78 |
| | 7.967 | 8.643 | 15753 | 28211 | 2.28 | 2.11 | 325.08- 365.08 | 345.08 |
| | 8.213 | 8.973 | 5773 | 10726 | 2.23 | 2.06 | 106.46- 146.46 | 126.46 |
| | 8.417 | 9.240 | 4494 | 7267 | 2.21 | 1.90 | 78.44- 118.44 | 98.44 |
| | Average of Peak Amounts = | | | | 2.22 | 2.05 | | |
| Decachlorobiphenyl | 15.697 | 17.020 | 4668 | 7915 | 0.0417 | 0.0419 | | 100.00(a) |

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

OL
 1/22/98

Data File: /Organic/SV00A/E1.I/980121F.B/E1A4374F.D

Date : 21-JAN-1998 21:49

Client ID: AR1248GA

Sample Info: AR1248GA,AR1248GA,,ar1248.sub

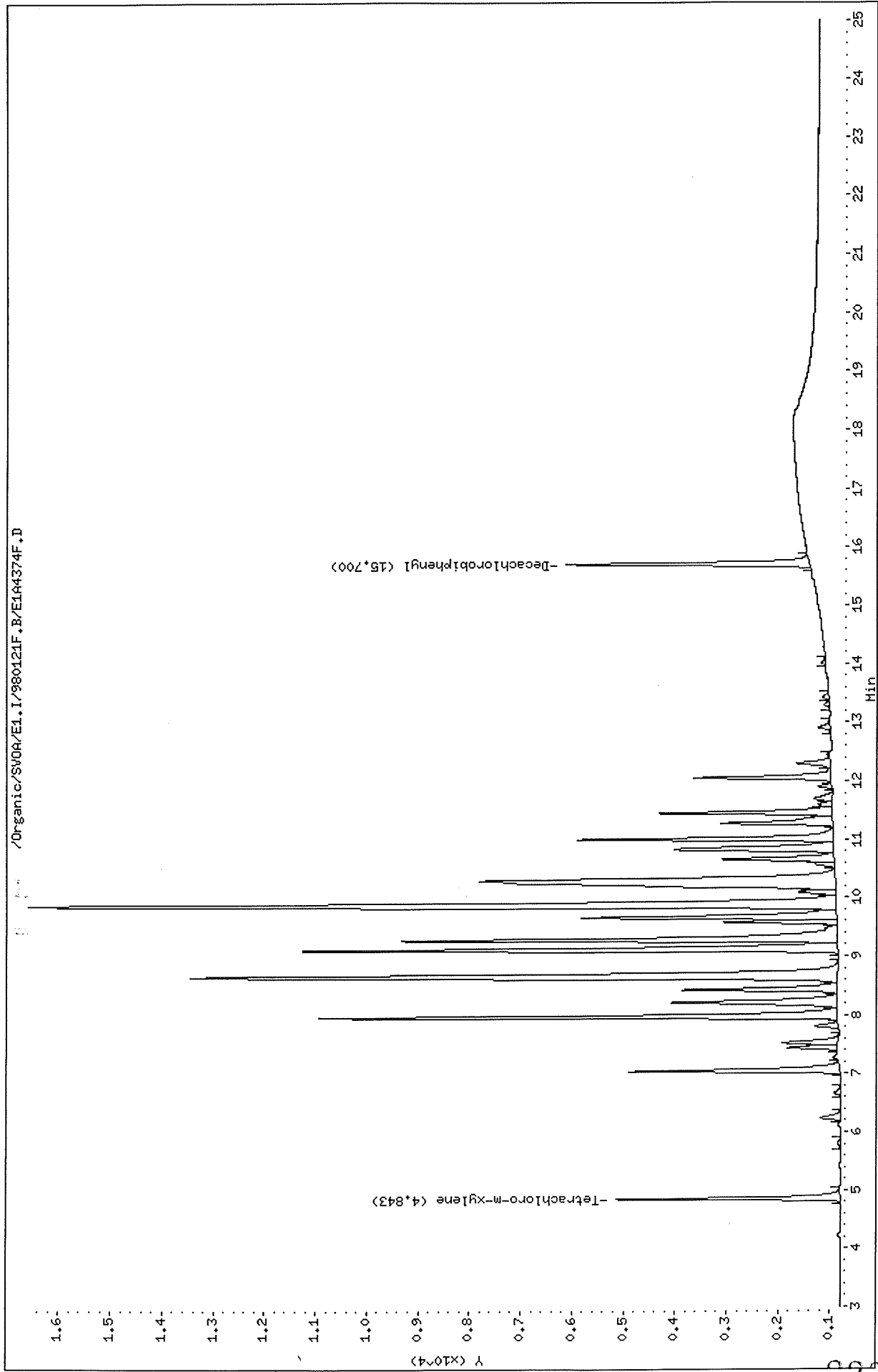
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

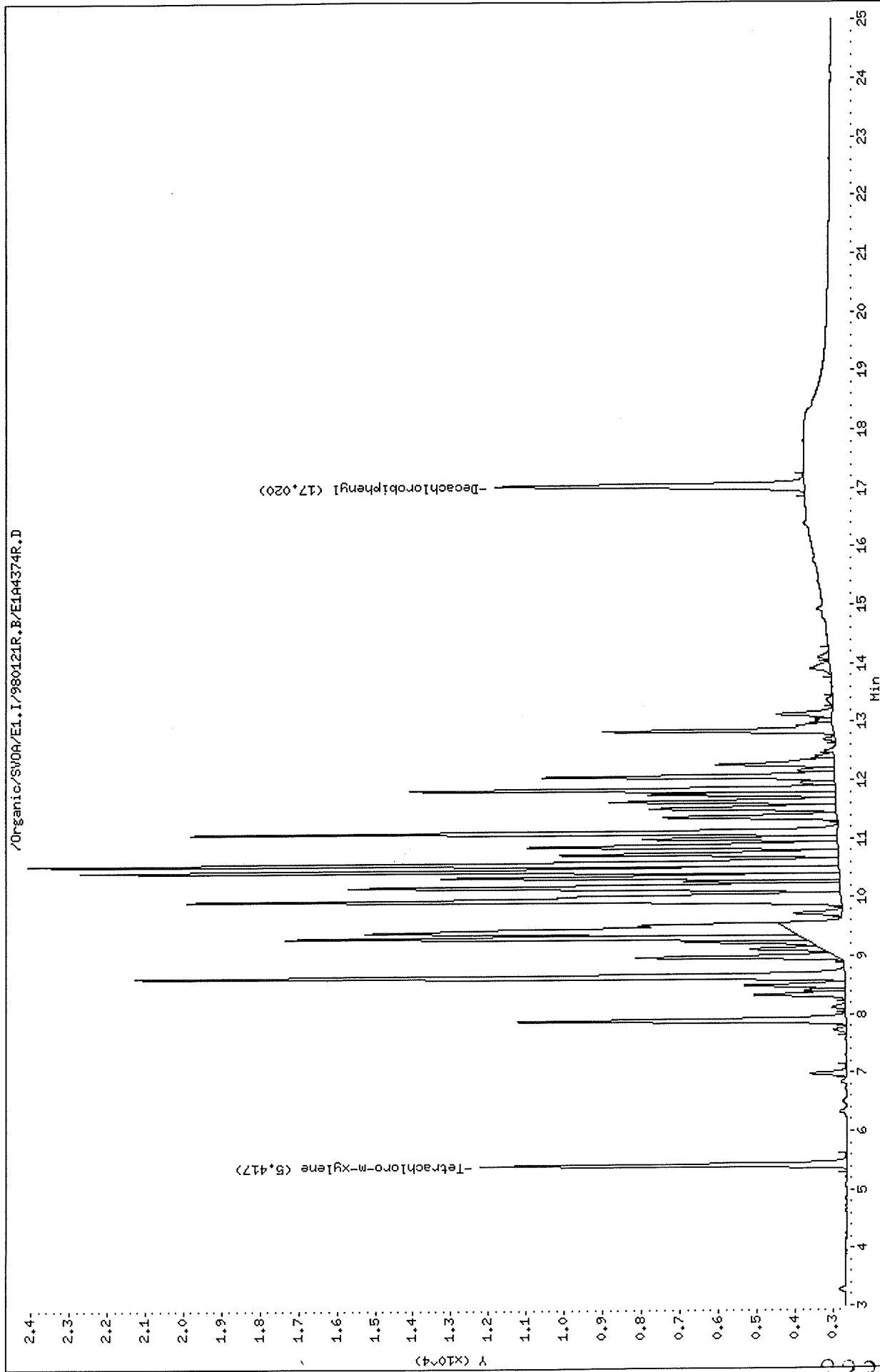
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4374R.D
Date : 21-JAN-1998 21:49
Client ID: AR1248CA
Sample Info: AR1248CA,AR1248CA,,ar1248.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4374F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4374R.D
 Inj Date : 21-JAN-1998 21:49
 Sample Info: AR1248GA,AR1248GA,,ar1248.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:41
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1248.sub
 Sub List #2 : ar1248.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|------------------|------------------|----------------|------------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4332 | 9596 | 0.0401 | 0.0421 | | 100.00 (a) |
| Aroclor-1248 | 7.967 | 10.450 | 10090 | 19887 | 2.23 | 2.15 | 80.00- 120.00 | 100.00 |
| | 8.653 | 10.730 | 12587 | 7259 | 2.26 | 2.16 | 104.75- 144.75 | 124.75 |
| | 9.103 | 11.097 | 10413 | 16939 | 2.32 | 2.14 | 83.20- 123.20 | 103.20 |
| | Average of Peak Amounts = | | | | 2.27 | 2.15 | | |
| Decachlorobiphenyl | 15.700 | 17.020 | 4724 | 8047 | 0.0422 | 0.0426 | | 100.00 (a) |

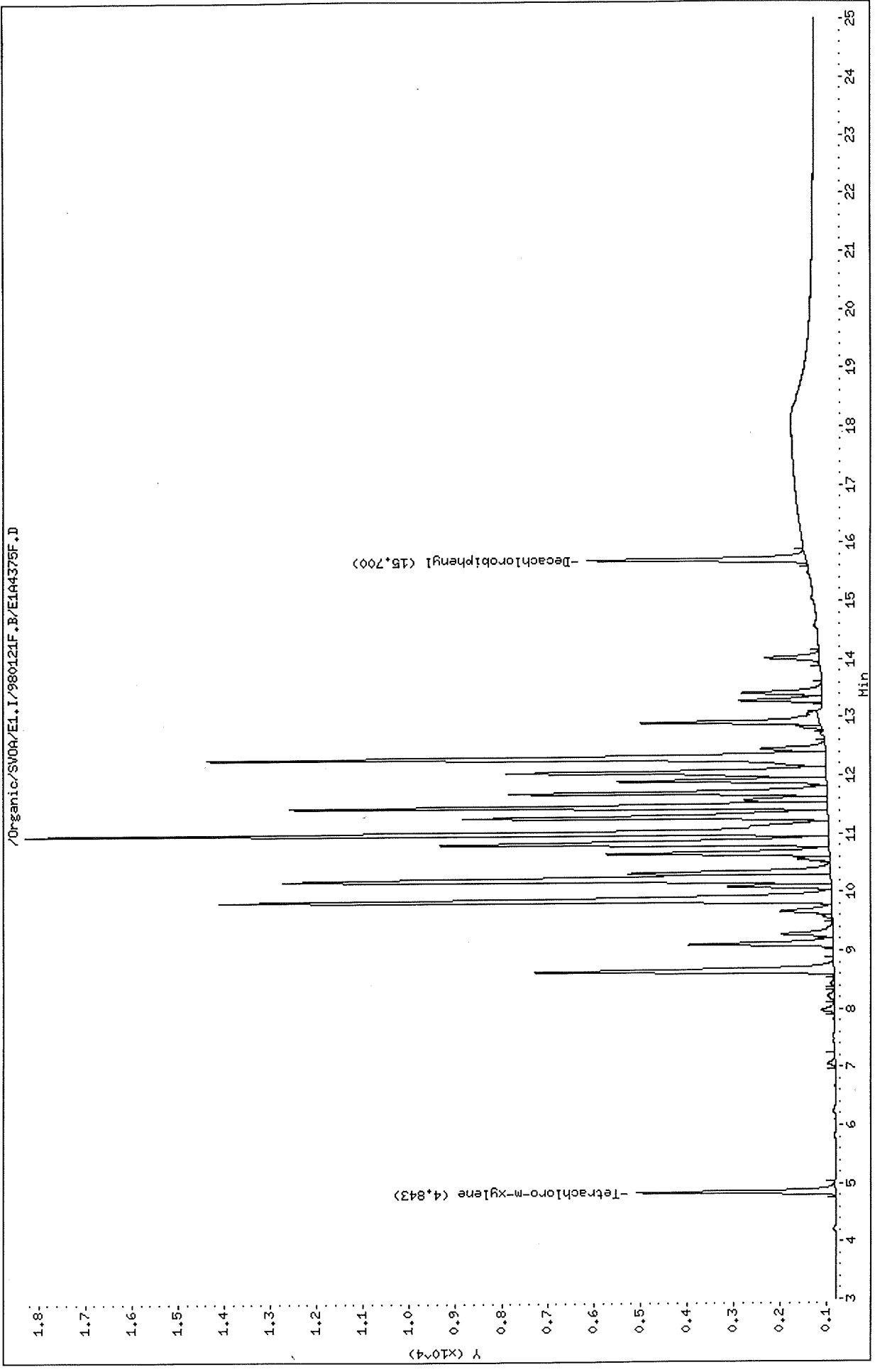
QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

GL
 1/22/98

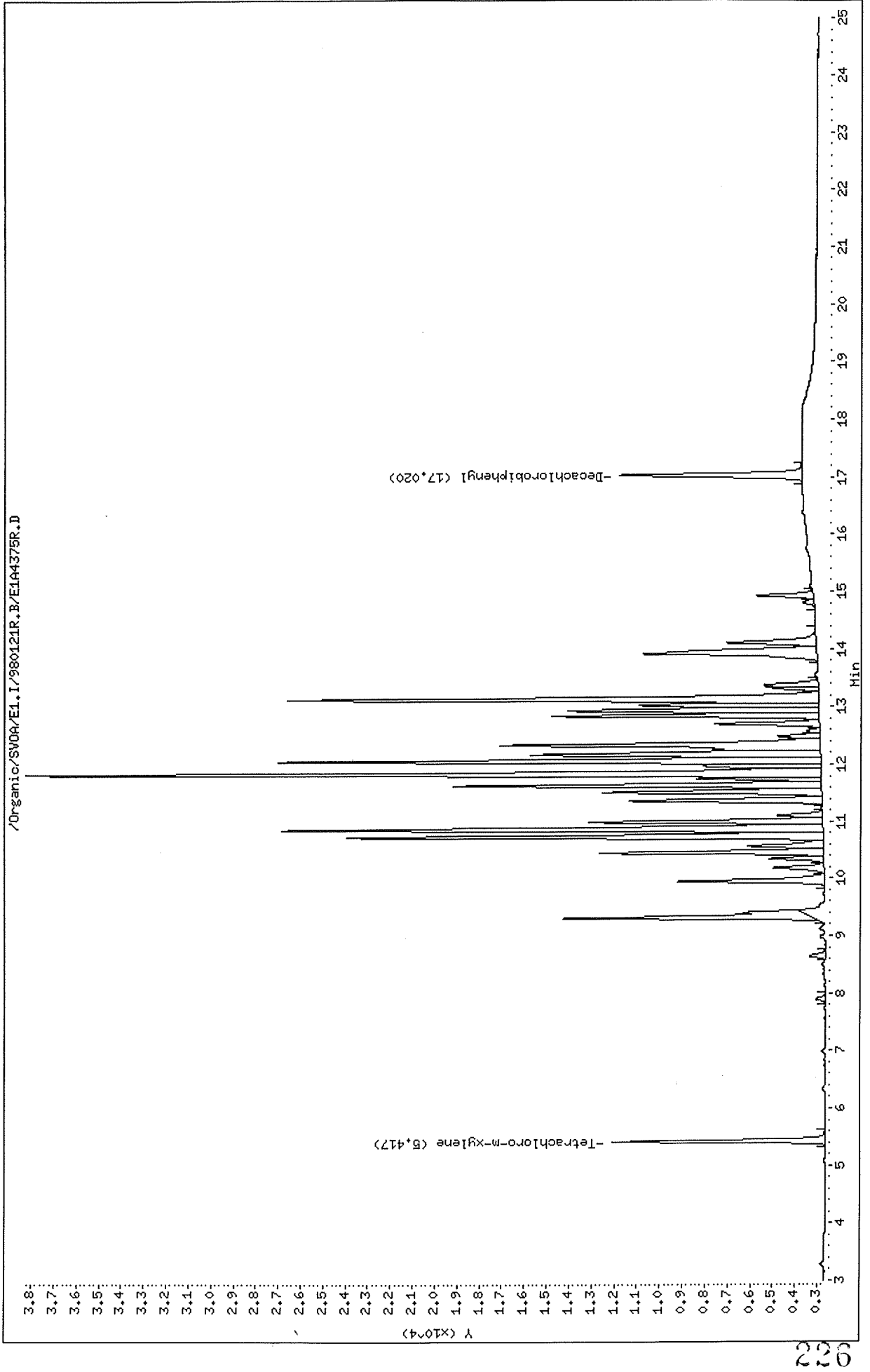
Data File: /Organic/SV00A/E1.I/980121F.B/E1A4375F.D
Date : 21-JAN-1998 22:17
Client ID: AR1254GA
Sample Info: AR1254GA,AR1254CA,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV00A/E1.I/980121R.B/E1A4375R.D
Date : 21-JAN-1998 22:17
Client ID: AR1254GA
Sample Info: AR1254GA,AR1254GA,,ar1254.sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: \Organic\SVOA\E1.I\980121F.B\E1A4375F.D
 Report Date: 22-Jan-1998 09:52

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4375F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4375R.D
 Inj Date : 21-JAN-1998 22:17
 Sample Info: AR1254GA,AR1254GA,,ar1254.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:41
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1254.sub
 Sub List #2 : ar1254.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|---------------------------|--------|--------|--------|--------|------------------|------------------|----------------|-----------|
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4269 | 9449 | 0.0396 | 0.0414 | | 100.00(a) |
| Decachlorobiphenyl | 15.700 | 17.020 | 4711 | 8083 | 0.0421 | 0.0428 | | 100.00(a) |
| Aroclor-1254 | 9.843 | 10.727 | 13218 | 21230 | 2.38 | 2.15 | 80.00- 120.00 | 100.00 |
| | 10.193 | 10.857 | 11844 | 24128 | 2.35 | 2.14 | 69.61- 109.61 | 89.61 |
| | 11.000 | 11.630 | 17334 | 16350 | 2.46 | 2.18 | 111.14- 151.14 | 131.14 |
| | 11.450 | 12.053 | 11623 | 24186 | 2.44 | 2.18 | 67.93- 107.93 | 87.93 |
| | 11.690 | 12.330 | 6861 | 14226 | 2.47 | 2.19 | 31.91- 71.91 | 51.91 |
| Average of Peak Amounts = | | | | | 2.42 | 2.17 | | |

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).

GL
 1/22/98

Data File: /Organic/SV0A/E1.I/980121F.B/E1A4376F.D

Date : 21-JAN-1998 22:45

Client ID: AR1660CA

Sample Info: AR1660CA,AR1660CA,,ar1660_sub

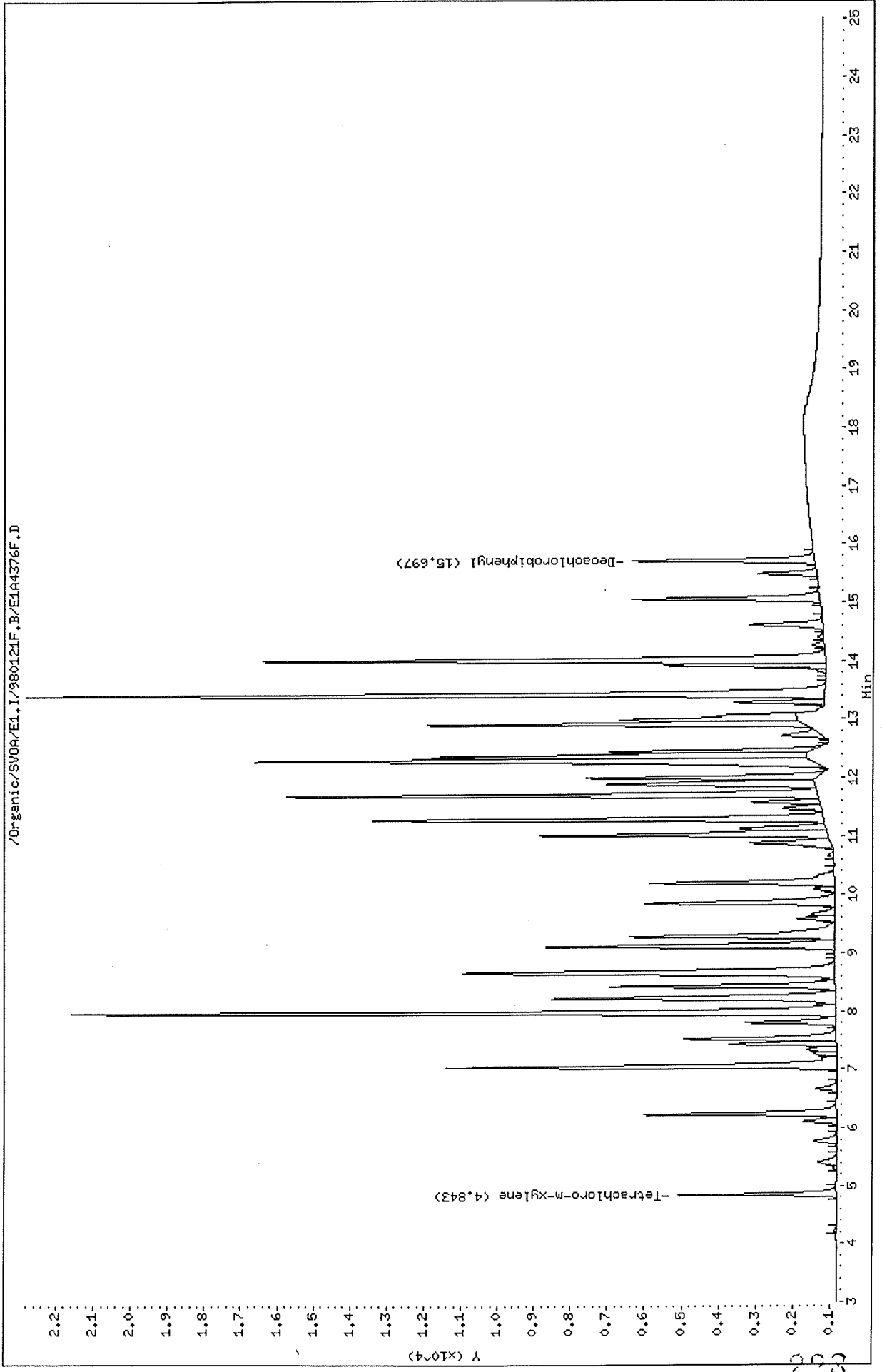
Volume Injected (uL): 2.0

Column phase: DB-1701

Instrument: E1.i

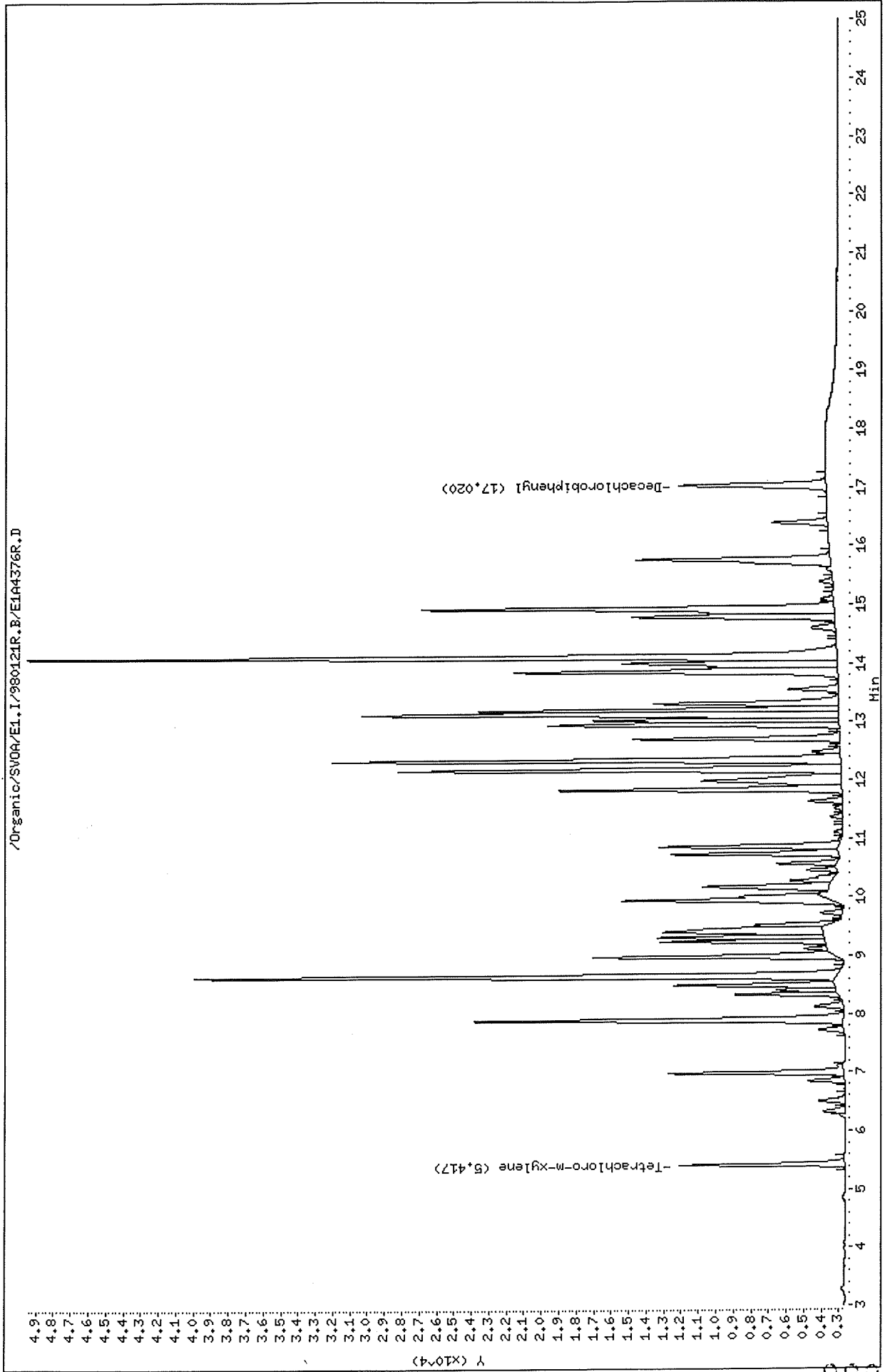
Operator: sph

Column diameter: 0.53



Data File: /Organic/SV04/E1.I/980121R.B/E1A4376R.D
 Date : 21-JAN-1998 22:45
 Client ID: AR1660GA
 Sample Info: AR1660GA,AR1660GA,,ar1660.sub
 Volume Injected (uL): 2.0
 Column phase: DB-608

Instrument: E1.i
 Operator: sph
 Column diameter: 0.53



Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4376F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4376R.D
 Inj Date : 21-JAN-1998 22:45
 Sample Info: AR1660GA,AR1660GA,,ar1660.sub
 Misc Info : 2
 Cal Date : 22-JAN-1998 08:42
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : ar1660.sub
 Sub List #2 : ar1660.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: Amt * DF * Uf * Vt / (Vo * Vi)

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT | | Resp | | Conc#1 | Conc#2 | Target Range | Ratio |
|----------------------|---------------------------|--------|--------|--------|--------|--------|----------------|------------|
| | RT#1 | RT#2 | Resp#1 | Resp#2 | (ug/L) | (ug/L) | | |
| Tetrachloro-m-xylene | 4.843 | 5.417 | 4284 | 9468 | 0.0397 | 0.0415 | | 100.00 (a) |
| Aroclor-1016 | 6.227 | 6.977 | 5207 | 10004 | 2.08 | 2.05 | 80.00- 120.00 | 100.00 |
| | 7.037 | 7.890 | 10580 | 21084 | 2.11 | 2.06 | 183.19- 223.19 | 203.19 |
| | 8.213 | 8.643 | 7652 | 36861 | 2.14 | 2.11 | 126.96- 166.96 | 146.96 |
| | Average of Peak Amounts = | | | | 2.11 | 2.07 | | |
| Decachlorobiphenyl | 15.697 | 17.020 | 4942 | 8371 | 0.0442 | 0.0444 | | 100.00 (a) |
| Aroclor-1260 | 12.903 | 13.850 | 10210 | 18508 | 2.29 | 2.17 | 80.00- 120.00 | 100.00 |
| | 13.410 | 14.100 | 21653 | 46371 | 2.44 | 2.11 | 192.08- 232.08 | 212.08 |
| | 14.007 | 14.923 | 15260 | 23581 | 2.40 | 2.14 | 129.46- 169.46 | 149.46 |
| | Average of Peak Amounts = | | | | 2.38 | 2.14 | | |

CL
1/22/98

Data File: \Organic\SVOA\E1.I\980121F.B\E1A4376F.D
Report Date: 22-Jan-1998 09:52

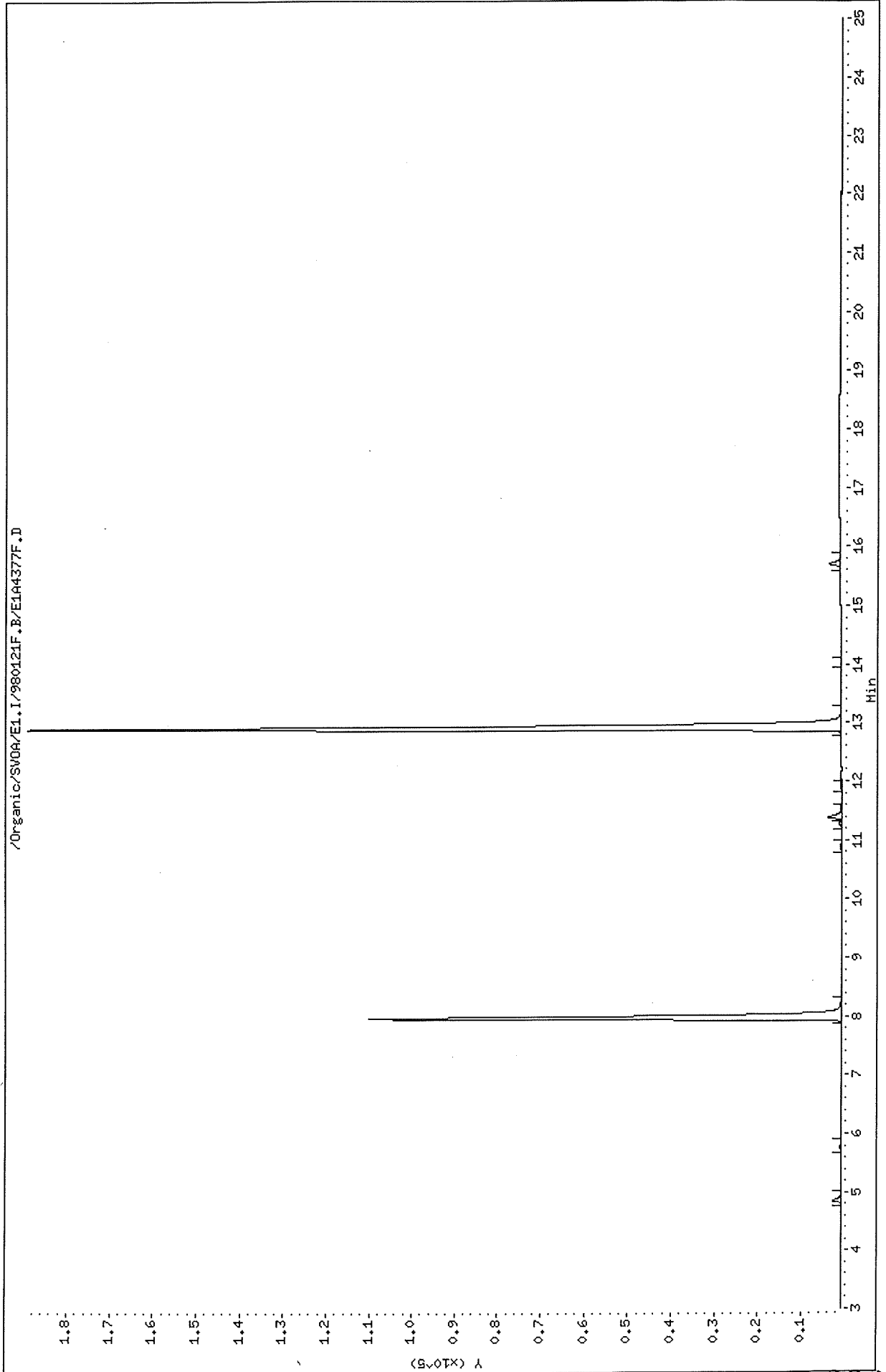
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

GL
1/22/98

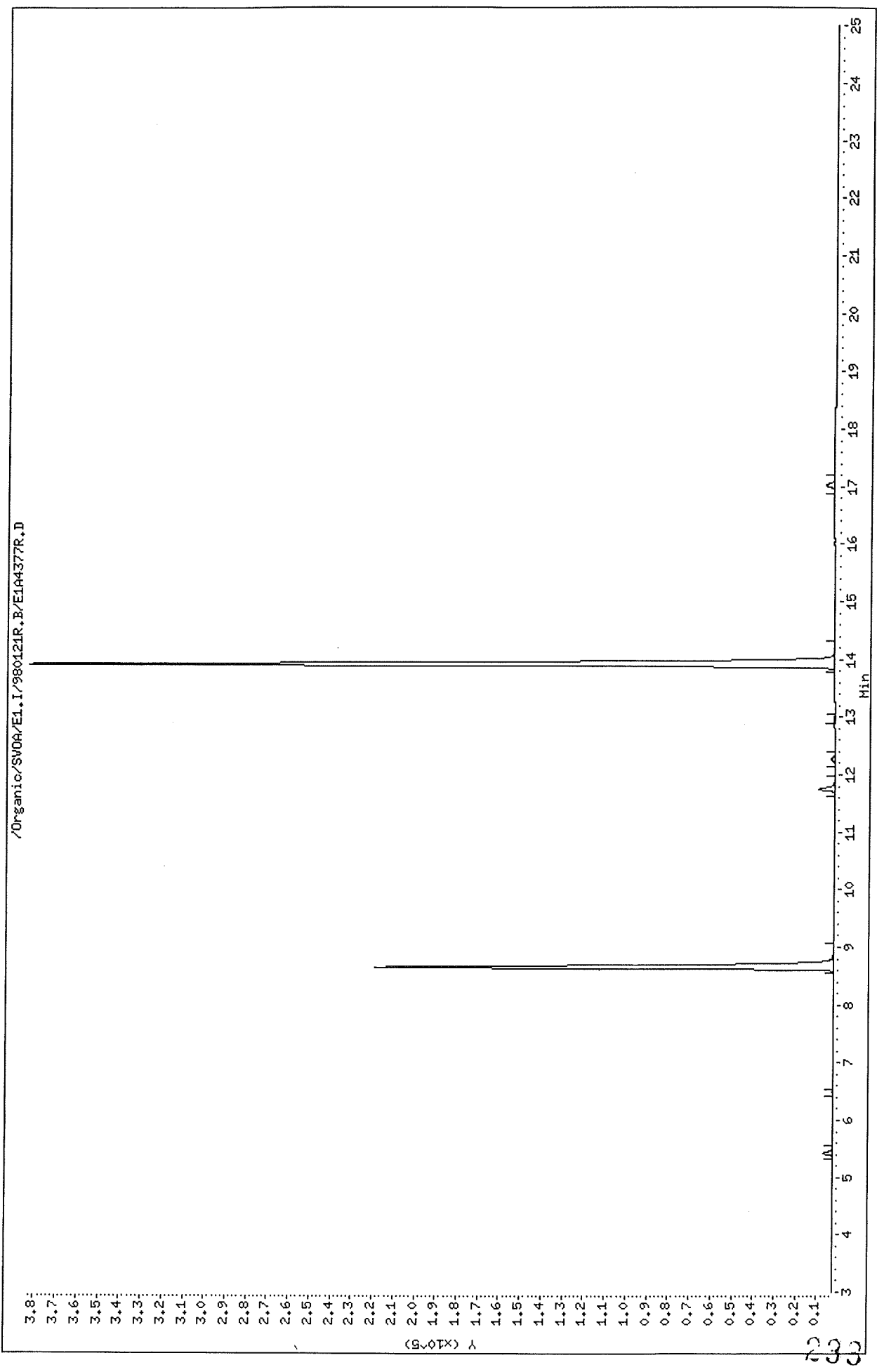
Data File: /Organic/SV0A/E1.I/980121F.B/E1A4377F.D
Date : 21-JAN-1998 23:13
Client ID: CONGA
Sample Info: CONGA,CONGA,cog.sub
Volume Injected (uL): 2.0
Column phase: DB-1701

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: /Organic/SV0A/E1.I/980121R.B/E1A4377R.D
Date : 21-JAN-1998 23:13
Client ID: CONGA
Sample Info: CONGA, CONGA, cog, sub
Volume Injected (uL): 2.0
Column phase: DB-608

Instrument: E1.i
Operator: sph
Column diameter: 0.53



Data File: \Organic\SVOA\E1.I\980121F.B\E1A4377F.D
 Report Date: 22-Jan-1998 09:52

Thru-Put Systems, Inc.

Sample #1 : \Organic\SVOA\E1.I\980121F.B\E1A4377F.D
 Sample #2 : \Organic\SVOA\E1.I\980121R.B\E1A4377R.D
 Inj Date : 21-JAN-1998 23:13
 Sample Info: CONGA, CONGA, cog.sub
 Misc Info : ,3
 Cal Date : 22-JAN-1998 09:16
 Operator : sph
 Inst ID : E1.i
 Dil Factor : 1.000000

Method #1 : \Organic\SVOA\E1.I\980121F.B\E1_PCB_F.M
 Method #2 : \Organic\SVOA\E1.I\980121R.B\E1_PCB_R.M
 Sub List #1 : cog.sub
 Sub List #2 : cog.sub
 Col #1 Phase : DB-1701
 Col #2 Phase : DB-608

Concentration Formula: $Amt * DF * Uf * Vt / (Vo * Vi)$

| Name | Value | Description |
|------|-----------|---------------------------------|
| DF | 1.000 | Dilution Factor |
| Uf | 1.000 | Correction factor |
| Vt | 10000.000 | Volume of final extract (uL) |
| Vo | 1000.000 | Volume of sample extracted (mL) |
| Vi | 2.000 | Volume injected (uL) |

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | Conc#1 (ug/L) | Conc#2 (ug/L) | Target Range | Ratio |
|--------------------------|--------|--------|--------|--------|------------------|------------------|--------------|--------|
| 2,4,4'-Trichlorobiphenyl | 7.967 | 8.653 | 109229 | 216575 | 2.05 | 2.06 | | 100.00 |
| Hexachlorobiphenyl | 12.900 | 13.907 | 188150 | 380375 | 2.10 | 2.16 | | 100.00 |

GL
1/22/98

MITKEM CORPORATION

Lab Project #: **E0064**

Client Name: **Vanasse Hangen Brustlin, Inc.**

Client Proj #: **05437**

Client PO #: **05437**

Project Name: **Boliden Metech**

Date Due: **1/22/98**

Total Price: **\$ -**

Project Mgr: **PAS**

Salesman: **PAS**

Del Req'd: **NA**

Completed?: **YES**

Logged In By: MM

Reviewed By: PAS

Date: 1/21/98 Time: 10:45

| Lab ID | Client ID | Matrix | Analysis | Price | Sampled | Received | TPH | IR | BNA | Herb | P/P | Wet | Met | V-GC | V-MS | Sub |
|--------|-----------|--------|-----------|-------|---------|----------|-----|----|-----|------|-----|-----|-----|------|------|-----|
| -01 | MW-1 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -02 | MW-2 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -03 | MW-3 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -04 | MW-4 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -05 | MW-5 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -06 | MW-6 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -07 | MW-7 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -08 | MW-8 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -09 | WB-1 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -10 | PERB-1 | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -11 | MW-5 (D) | AQ | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |

MITKEM CORPORATION

| <u>Lab ID</u> | <u>Client ID</u> | <u>Matrix</u> | <u>Analysis</u> | <u>Price</u> | <u>Sampled</u> | <u>Received</u> | <u>TPH</u> | <u>IR</u> | <u>BNA</u> | <u>Herb</u> | <u>P/P</u> | <u>Wet</u> | <u>Met</u> | <u>V-GC</u> | <u>V-MS</u> | <u>Sub</u> |
|---------------|------------------|---------------|-----------------|--------------|----------------|-----------------|------------|-----------|------------|-------------|------------|------------|------------|-------------|-------------|------------|
| -12 | PS-65005 | Ampule | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |
| -13 | PS-63006 | Ampule | PCBs 8080 | | 1/19/98 | 1/19/98 | | | | | 1 | | | | | |

NOTES:

| <u>TPH</u> | <u>IR</u> | <u>BNA</u> | <u>Herb</u> | <u>P/P</u> | <u>Wet</u> | <u>Met</u> | <u>V-GC</u> | <u>V-MS</u> | <u>Sub</u> |
|------------|-----------|------------|-------------|------------|------------|------------|-------------|-------------|------------|
| 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |

ORIGINAL REPORT GOES TO:

Vanasse Hangen Brustlin, Inc.
 101 Walnut Street, PO Box 9151
 Watertown, MA 02272

INVOICE GOES TO:

Same
 Attn: Accounts Payable

ADDITIONAL REPORT GOES TO:

None

236



175 Metro Center Boulevard • Warwick, Rhode Island 02886-1755
 (401) 732-3400 • Fax (401) 732-3499
 1232 East Broadway Road, Suite 210 • Tempe, Arizona 85282
 (602) 303-9535 • Fax (602) 921-2883

CHAIN-OF-CUSTODY RECORD

| REPORT TO | | | | INVOICE TO | | | | | |
|-----------------------|----------------------|-------------------|--------------|----------------|--------------------------|--------------------|--------|-----------------|------------------|
| COMPANY | Versse Hagen Brester | PHONE | 617-424-1770 | COMPANY | WHB | PHONE | | | |
| NAME | Marc Richards | FAX | 617-923-2336 | NAME | Marc Richards | FAX | | | |
| ADDRESS | 101 Walnut Street | | | ADDRESS | | TURNAROUND TIME: | 3-Day | | |
| CITY/ST/ZIP | Watertown, MA 02272 | | | CITY/ST/ZIP | | | | | |
| CLIENT PROJECT NAME: | Boliden Metech | CLIENT PROJECT #: | 05437 | CLIENT P.O.#: | 05437 | REQUESTED ANALYSES | | | |
| SAMPLE IDENTIFICATION | DATE/TIME SAMPLED | COMPOSITE | GRAB | WATER | SOIL | OTHER | LAB ID | # OF CONTAINERS | COMMENTS |
| | | | | | | | | | |
| MW-1 | 11/19/98 | | X | X | | | | 1 | |
| MW-2 | ' | | X | X | | | | 1 | |
| MW-3 | ' | | X | X | | | | 1 | |
| MW-4 | ' | | X | X | | | | 1 | |
| MW-5 | ' | | X | X | | | | 1 | |
| MW-6 | ' | | X | X | | | | 1 | |
| MW-7 | ' | | X | X | | | | 1 | (Fuel Oil Odors) |
| MW-8 | ' | | X | X | | | | 1 | |
| WB-1 | ' | | X | X | | | | 1 | |
| PERB-1 | ' | | X | X | | | | 1 | |
| MW-5 (D) | ' | | X | X | | | | 1 | |
| PS-65005 | ' | | | | | X | | 1 | |
| TSF# | RELINQUISHED BY | DATE/TIME | ACCEPTED BY | DATE/TIME | ADDITIONAL REMARKS: | COOLER TEMP: | | | |
| 1st | Marc Richards | 11/19/98 1:30pm | PLAS | 1-19-98 1:30pm | Need Results by Thursday | | | | |
| 2nd | | | | | | | | | |
| 3rd | | | | | | | | | |

MITKEM CORPORATION

Sample Condition Form

| | | | |
|---------------------------------------|--------------|----------------------|-------------------------------|
| Received By: <u>AB</u> | Reviewed By: | Date: <u>1/20/98</u> | MITKEM Project: <u>E 0864</u> |
| Client Project: <u>Boliden Metech</u> | | Client: <u>VIB</u> | |

| Condition: | Sample ID | | Preservation (pH) | | | | Comments/Remarks/ Corrective Action |
|---------------------------|-----------|--------|-------------------|--------------------------------|-----|------|--|
| | Lab | Client | HNO ₃ | H ₂ SO ₄ | HCl | NaOH | |
| 1) Custody Seal(s) | | | | | | | |
| Present/Absent | | | | | | | |
| Coolers/Bottles | | | | | | | |
| Intact/Broken | | | | | | | |
| 2) Custody Seal Number(s) | | | | | | | |
| <u>N/A</u> | | | | | | | |
| 3) Chain-of-Custody | | | | | | | |
| Present/Absent | | | | | | | |
| 4) Cooler Temperature | | | | | | | |
| <u>4°C</u> | | | | | | | |
| Coolant Condition | | | | | | | |
| 5) Airbill(s) | | | | | | | |
| Present/Absent | | | | | | | |
| Airbill Number(s) | | | | | | | |
| 6) Sample Bottles | | | | | | | |
| Intact | | | | | | | |
| Broken | | | | | | | |
| Leaking | | | | | | | |
| 7) Date Received | | | | | | | |
| <u>1/19/98</u> | | | | | | | |
| 8) Time Received | | | | | | | |
| <u>1300</u> | | | | | | | |
| 9) Project Due Date | | | | | | | |

MITKEM CORP. Extracts Transfer Log -- Pesticides/PCB Analysis

| Date Transferred From Prep. Lab | Lab ID | Transferred By | Received By | Storage Location | Comments |
|---------------------------------|--------------|----------------|-------------|------------------|----------|
| 1/20/98 | PE0048-01R | HLA | | | |
| | F0120-B1 | (PB) | | | |
| | -LCS1 | | | | |
| | FE0048-01R | | | | |
| | -03R | | | | |
| | FE0060-02R | | | | |
| 1/20/98 | GPC0120-PM51 | HO | cy | TRPT | |
| | GPC0120-NEOC | | | | |
| | GPC0120-PM52 | | | | |
| | GPC0120-PB1 | | | | |
| 1-21-98 | P0120-B2 | HO | | | |
| | -LCS2 | | | | |
| | PE0064-01 | HO | | | |
| | -02 | | | | |
| | -03 | | | | |
| | -04 | | | | |
| | -05 | | | | |
| | -06 | | | | |
| | -07 | | | | |
| | -08 | | | | |
| | -09 | | | | |
| | -10 | | | | |
| | -11 | | | | |
| | -12 | | | | |
| | -13 | | | | |
| 1-21-98 | HT0114-B1 | (PB) | | | |
| | HTE0037-01 | | | | |
| | -01SPK | | | | |
| | HT0116-B1 | | | | |
| | HTE0032-03 | | | | |
| | -03SPK | | | | |
| | HUS80120A | | | | |
| | P0112-B1 | (PB) | | | |

| DATE | ANALYSIS | | METHOD | | MATRIX | | PROJECT(S) | | | | | |
|-----------|----------------|-----------------------|-----------------|--------------------|-------------------------------|--------------|--------------------|---------------------|--------------------|------------------|------------------|-------------------------------|
| | VHB ~ PCB | sonic. soxhlet dilut. | Florissil lot # | Florissil KD | pre-florissil KD date/analyst | WP OIL | ANALYST | SPIKER | WITNESS | | | |
| 1-20-98 | BLANK & LCS ID | Client ID | GPC batch # | Matrix Spike Added | Emulsion | GPC Date/An. | Florissil Date/An. | Final Conc Date/An. | Final Extr. Volum. | Cu/Acid Date/An. | Date Extr. Tran. | Comments |
| P0120-82 | P0120-82 | 16 | PW970725A | N | N | | 1/20/98 | 1/20/98 | 10 mL Hexane | 1/21/98 | 1/21/98 | |
| -LCS2 | | | 400 µL | PW970725B | N | | 1/20/98 | 1/20/98 | | 1/21/98 | 1/21/98 | |
| PE0014-01 | | | | 400 µL | N | | | | | | | |
| -02 | | | | | | | | | | | | |
| -03 | | | | | | | | | | | | |
| -04 | | | | | | | | | | | | |
| -05 | | | | | | | | | | | | |
| -06 | | | | | | | | | | | | |
| -07 | | | | | | | | | | | | |
| -08 | | | | | | | | | | | | |
| -09 | | | | | | | | | | | | |
| -10 | | | | | | | | | | | | |
| -11 | | | | | | | | | | | | |
| -12 * | | | | | | | | | | | | |
| -13 * | | | | | | | | | | | | 1 mL spiked into 1 L DI water |

Sequence Name: C:\HPCHEM\5\SEQUENCE\9801021.S
 Comment: MITKEM CORP. Sequence Log for "E1"
 Operator: sph
 Data Path: C:\HPCHEM\5\DATA\JAN98\980121\
 Pre-Seq Cmd:
 Post-Seq Cmd:

Method Sections To Run On A Barcode Mismatch
 (X) Full Method (X) Inject Anyway
 () Reprocessing Only () Don't Inject

| Line | Type | Vial | DataFile | Method | Sample Name | |
|------|----------|------|----------|--------|----------------------------------|----|
| 1 | MaskName | - | ----- | -R | | |
| 2 | Sample | 1 | E1A4348F | PCB | AR1242G3, AR1242G3, , ar1242.sub | |
| 3 | Sample | 2 | E1A4349F | PCB | AR1248GA, AR1248GA, , ar1248.sub | |
| 4 | Sample | 3 | E1A4350F | PCB | AR1254GA, AR1254GA, , ar1254.sub | F↑ |
| 5 | Sample | 4 | E1A4351F | PCB | AR1660GA, AR1660GA, , ar1660.sub | F↑ |
| 6 | Sample | 5 | E1A4352F | PCB | CONGA, CONGA, cog. sub | |
| 7 | Sample | 6 | E1A4353F | PCB | P0120-B2, PBLK01, P0120-B2 | |
| 8 | Sample | 7 | E1A4354F | PCB | P0120-LCS2, PBLK01LCS, P0120-B2 | |
| 9 | Sample | 8 | E1A4355F | PCB | E0064-01, MW-1, P0120-B2 | |
| 10 | Sample | 9 | E1A4356F | PCB | E0064-02, MW-2, P0120-B2 | |
| 11 | Sample | 10 | E1A4357F | PCB | E0064-03, MW-3, P0120-B2 | |
| 12 | Sample | 11 | E1A4358F | PCB | E0064-04, MW-4, P0120-B2 | |
| 13 | Sample | 12 | E1A4359F | PCB | E0064-05, MW-5, P0120-B2 | |
| 14 | Sample | 13 | E1A4360F | PCB | E0064-06, MW-6, P0120-B2 | |
| 15 | Sample | 14 | E1A4361F | PCB | E0064-07, MW-7, P0120-B2 | |
| 16 | Sample | 15 | E1A4362F | PCB | E0064-08, MW-8, P0120-B2 | |
| 17 | Sample | 16 | E1A4363F | PCB | AR1242G3, AR1242G3, , ar1242.sub | R |
| 18 | Sample | 17 | E1A4364F | PCB | AR1248GA, AR1248GA, , ar1248.sub | |
| 19 | Sample | 18 | E1A4365F | PCB | AR1254GA, AR1254GA, , ar1254.sub | |
| 20 | Sample | 19 | E1A4366F | PCB | AR1660GA, AR1660GA, , ar1660.sub | |
| 21 | Sample | 20 | E1A4367F | PCB | CONGA, CONGA, cog. sub | |
| 22 | Sample | 21 | E1A4368F | PCB | E0064-09, WB-1, P0120-B2 | |
| 23 | Sample | 22 | E1A4369F | PCB | E0064-10, PERB-1, P0120-B2 | |
| 24 | Sample | 23 | E1A4370F | PCB | E0064-11, MW-5 (D), P0120-B2 | |
| 25 | Sample | 24 | E1A4371F | PCB | E0064-12, PS-65005, P0120-B2 | |
| 26 | Sample | 25 | E1A4372F | PCB | E0064-13, PS-63006, P0120-B2 | |
| 27 | Sample | 26 | E1A4373F | PCB | AR1242G3, AR1242G3, , ar1242.sub | ✓ |
| 28 | Sample | 27 | E1A4374F | PCB | AR1248GA, AR1248GA, , ar1248.sub | |
| 29 | Sample | 28 | E1A4375F | PCB | AR1254GA, AR1254GA, , ar1254.sub | ↑ |
| 30 | Sample | 29 | E1A4376F | PCB | AR1660GA, AR1660GA, , ar1660.sub | |
| 31 | Sample | 30 | E1A4377F | PCB | CONGA, CONGA, cog. sub | |
| 32 | Sample | 31 | E1A4378F | PCB | E0064-13, PS-63006, P0120-B2 | |
| 33 | Sample | 32 | E1A4379F | PCB | AR1242G3, AR1242G3, , ar1242.sub | |
| 34 | Sample | 33 | E1A4380F | PCB | AR1248GA, AR1248GA, , ar1248.sub | |
| 35 | Sample | 34 | E1A4381F | PCB | AR1254GA, AR1254GA, , ar1254.sub | |
| 36 | Sample | 35 | E1A4382F | PCB | AR1660GA, AR1660GA, , ar1660.sub | |
| 37 | Sample | 36 | E1A4383F | PCB | CONGA, CONGA, cog. sub | |
| 38 | | | | | | |

GL

Last Page of Data Report

SITE ASSESSMENT DECISION - EPA REGION 1

Site Name: Boliden Metech, Inc EPA ID#: RI D 981 885023

Alias Site Names: _____

City: Providence County or Parish: _____ State: RI

Refer to Report Dated: PA: _____ SI: 2-19-93 Other (report type & date): _____

Report developed by: Roy F. Weston

DECISION:

1. Further Action under Superfund (CERCLA) is not appropriate or required because:

1a. Site Evaluation Accomplished (SEA).

1b. Action Deferred to: RCRA NRC

2. Further Investigation Needed Under Superfund: 2a. Priority: Higher Lower

2b. Activity Type: PA SI ESI evaluate HRS score

Other: _____

DISCUSSION/RATIONALE:

Surface water contamination needs to be evaluated.

Report Reviewed and Approved by: Sharon Hayes

Signature: Sharon Hayes

Date: 2-23-93

Site Decision Made by: Don Smith

Signature: Don Smith

Date: 1-8-93
2-23-93

SITE ASSESSMENT DECISION - EPA REGION 1

Site Name: Boliden Metech, Inc

EPA ID#: RID 981 885023

Alias Site Names: _____

City: Providence

County or Parish: _____

State: RI

Refer to Report Dated: PA: _____

SI: 2-19-93

Other (report type & date): _____

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 SI

ESI
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Other: _____

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Report Reviewed and Approved by: Sharon Hayes

Signature: Sharon Hayes

Date: 2-23-93

Site Decision Made by: Don Smith

Signature: Don Smith

Date: 1-8-93
2-23-93