

COLUMBIA MILLS SITE QUARTERLY REPORT AND ANNUAL GROUNDWATER SAMPLING SUMMARY

Site Number 7-38-012

**New York State Department of
Environmental Conservation
Work Assignment D004443-7**

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1.0 INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D004443-7) to Malcolm Pirnie, Inc. (Malcolm Pirnie) for Operation, Maintenance, and Monitoring at the Columbia Mills Site in New York State. Malcolm Pirnie has prepared this Quarterly Report in accordance with the NYSDEC-approved Work Plan to summarize site activities, including the third-quarter 2007 groundwater sampling results.

2.0 SITE ACTIVITIES

2.1 SITE DESCRIPTION

The Columbia Mills site is located on Route 48, Minetto, Oswego County, New York (Figure 2-1), across Route 48 from the western bank of the Oswego Canal. A capped, closed landfill is located in the western portion of the site.

2.2 OPERATION AND MAINTENANCE

The following site repairs or upgrades were performed during the third quarter of 2007:

- As requested by NYSDEC, locks on all of the groundwater monitoring wells were replaced with new keyed-alike locks.
- As requested by NYSDEC, the lock on the landfill gate was replaced with a new combination lock.
- In accordance with the Work Plan, a 30-foot section of six-foot steel mesh chain-link fence was repaired and connected to the installed posts. In addition, new lockable hasps were installed on two perimeter gates. Brady Fence Company performed these repairs on September 28, 2007.

2.3 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring wells were sampled on August 7 and 8, 2007 to provide information on groundwater quality, monitor contaminant migration in the groundwater at the site, and assess hydrogeologic site conditions, including groundwater flow and velocity. Figure 2-2 shows the location of the groundwater monitoring wells.

2.3.1 Well Inspection

Existing on-site groundwater monitoring wells and piezometers were evaluated for integrity and suitability for groundwater monitoring and water levels. The condition of each well and piezometer was recorded on a well inspection form, provided in

Appendix A. As shown on the well inspection forms, the integrity of each well and/or piezometer is generally acceptable and no significant repair or maintenance is required at this time. However, only 12 of the anticipated 14 landfill piezometers were able to be located during the sampling event.

2.3.2 Water Level Survey

Prior to collecting samples, water levels were measured to the nearest hundredth of a foot and recorded on a groundwater level data form (Appendix B). Table 2-1 summarizes the groundwater levels and elevations from the site. As shown in Table 2-1, groundwater elevations in shallow overburden and bedrock wells ranged from 309-feet above mean sea level (amsl) to 322-feet amsl; groundwater elevations in deep bedrock wells ranged from 308-feet amsl to 322-feet amsl. Shallow and deep potentiometric surfaces map are provided on Figure 2-3 and Figure 2-4, respectfully. As shown on Figure 2-3 and Figure 2-4, the direction of groundwater flow in the vicinity of the site is generally to the east toward the Oswego Canal.

2.3.3 Groundwater Sampling

Groundwater samples from monitoring wells MW-1S, MW-1D, MW-2S, MW-2D, MW-3S, MW-3D, MW-4S, and MW-4D were collected using low-flow groundwater purging and sampling procedures in accordance with the Work Plan. Prior to collecting groundwater samples, pH, conductivity, turbidity, dissolved oxygen (DO), temperature, salinity, total dissolved solids (TDS), and oxidation-reduction potential (REDOX) were measured using a Horiba U-22 water quality meter and recorded on groundwater sampling purge logs. Groundwater sampling purge logs are presented in Appendix C.

The water level in groundwater monitoring well MW-3S could not be sustained during low-flow purging and subsequently purged dry. The water level in this well only slightly recovered in the subsequent 16-hour period. Therefore, only 500 milliliters (ml) of the required 1-liter sample volume was collected during the sampling event. The water level in well MW-3D dropped significantly during purging and sampling and only 750ml of groundwater from this location was collected.

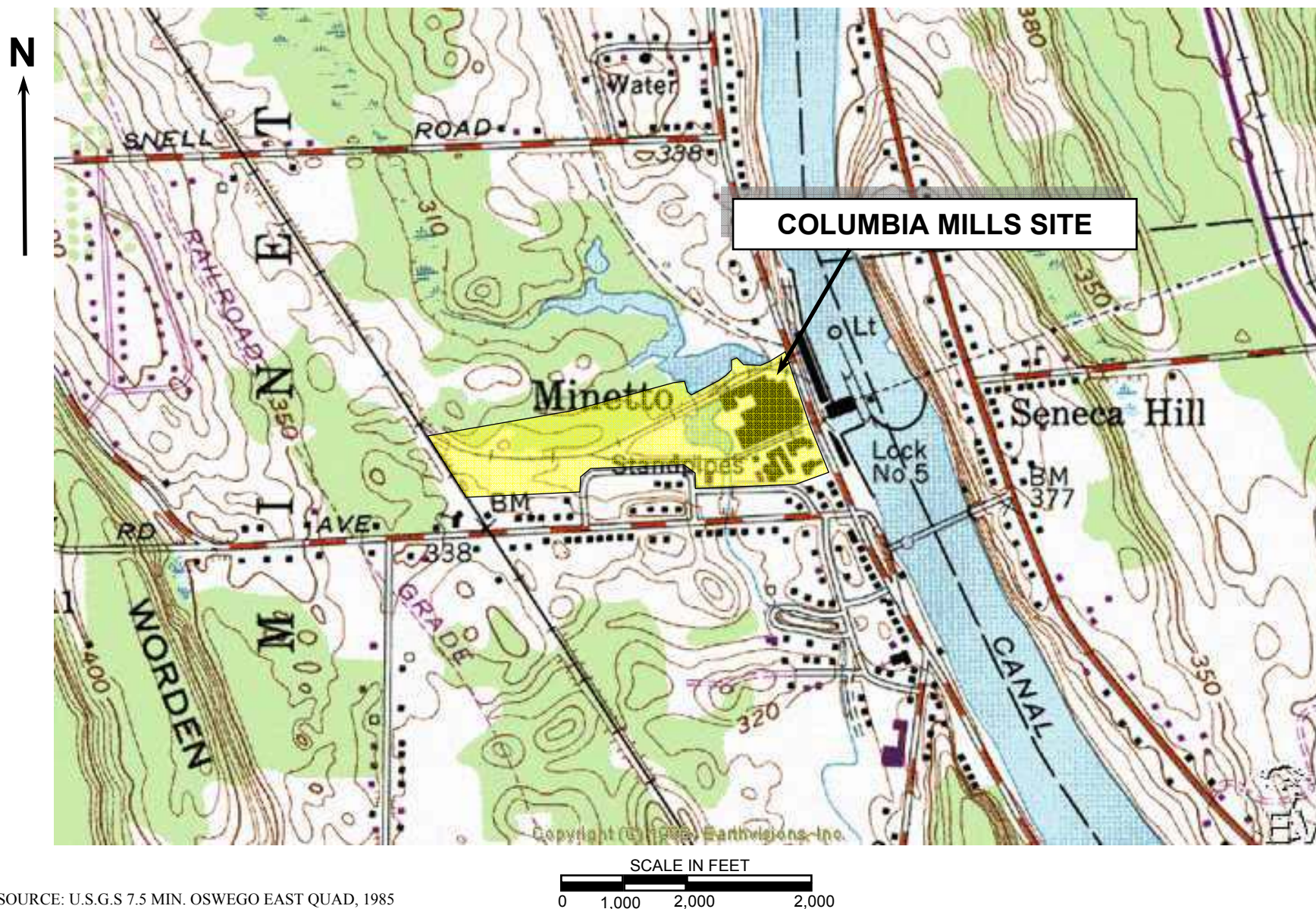
Groundwater samples collected during the groundwater monitoring program were sent to Test America – Connecticut (formerly STL-Connecticut) by chain-of-custody procedures and analyzed for polychlorinated biphenyls (PCBs) by United States Environmental Protection Agency (USEPA) Method 8082. Test America contacted Malcolm Pirnie on August 8, 2007 to inquire about the limited sample volume received for samples from MW-3S and MW-3D. They indicated that the surrogate volume could be adjusted to compensate for the reduced sample volume without affecting the sample detection limits. Malcolm Pirnie authorized Test America to proceed with the analysis as suggested. Analytical data packages are provided in Appendix D.

2.4 SAMPLE RESULTS

Groundwater sampling results for the third quarter 2007 sampling event are summarized in Table 2-2. As shown in Table 2-2, the sample collected from monitoring well MW-3S was the only sample that contained PCBs. The estimated concentrations (indicated by the “J” qualifier) of Aroclor 1248 and Aroclor 1260 in the samples from MW-3S were 0.40 ug/L and 0.19 ug/L, respectfully. Therefore, the total PCBs concentration in the sample was 0.59 ug/L, which is greater than the respective NYSDEC Class GA Standard of 0.09 ug/L. One duplicate sample (MW-DUPE) was collected from monitoring well MW-4D and submitted as a laboratory quality assurance/quality control check. As shown in Table 2-2, no PCBs were detected in either of these samples.

3.0 SUMMARY

New groundwater monitoring well locks, access gate locks, gate hasps, and repairs to the landfill perimeter fence were performed during the third quarter, 2007 operation and maintenance of the Columbia Mills site. Groundwater monitoring wells are in acceptable condition however two landfill piezometers could not be located. Based on the water level survey, groundwater flow across the site is generally toward the east. Due to limited sample volumes for groundwater samples collected at monitoring wells MW-3S and MW-3D, it was necessary to adjust analytical protocols. The sample collected from MW-3S was the only sample that contained a total PCB concentration greater than the applicable NYSDEC Class GA Standard.



SOURCE: U.S.G.S 7.5 MIN. OSWEGO EAST QUAD, 1985

SCALE IN FEET
0 1,000 2,000 2,000

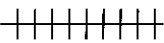
**MALCOLM
PIRNIE**

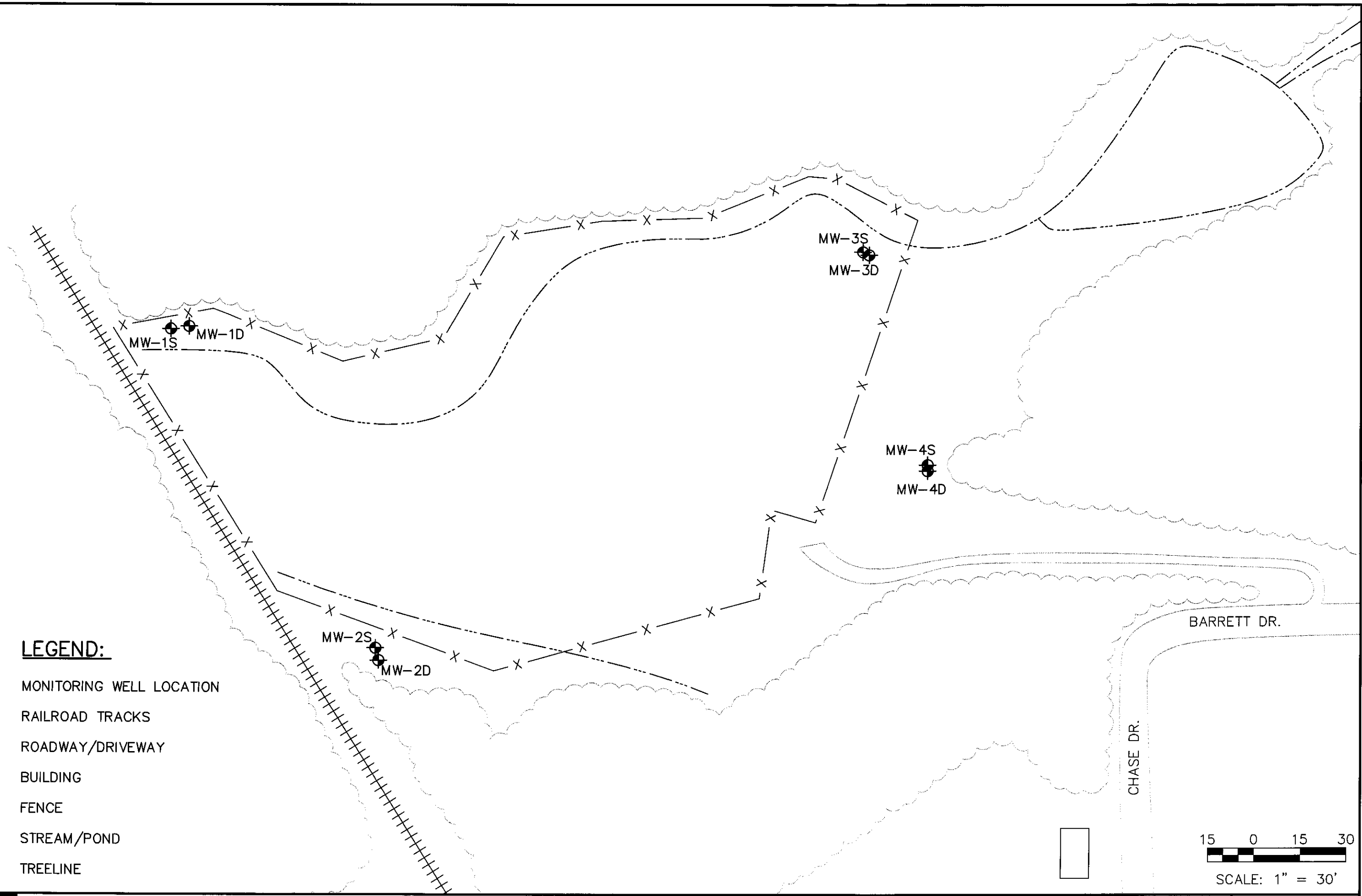
NYSDEC STANDBY CONTRACT NO. D004443-7
NYSDEC SITE NO. 7-38-012
MINETTO, NEW YORK
COLUMBIA MILLS SITE LOCATION

FIGURE 2-1

\\P001\A\AD\PROJECTS\7-38-012\7-38-012\Biosolids.dwg IMAGE:None
User: PIRNIE, Malcolm Plot Date: 10/15/2007 Time: 09:57 Layout: Layout1



- LEGEND:**
-  MW-2S MONITORING WELL LOCATION
 -  RAILROAD TRACKS
 -  ROADWAY/DRIVEWAY
 -  BUILDING
 -  FENCE
 -  STREAM/POND
 -  TREELINE



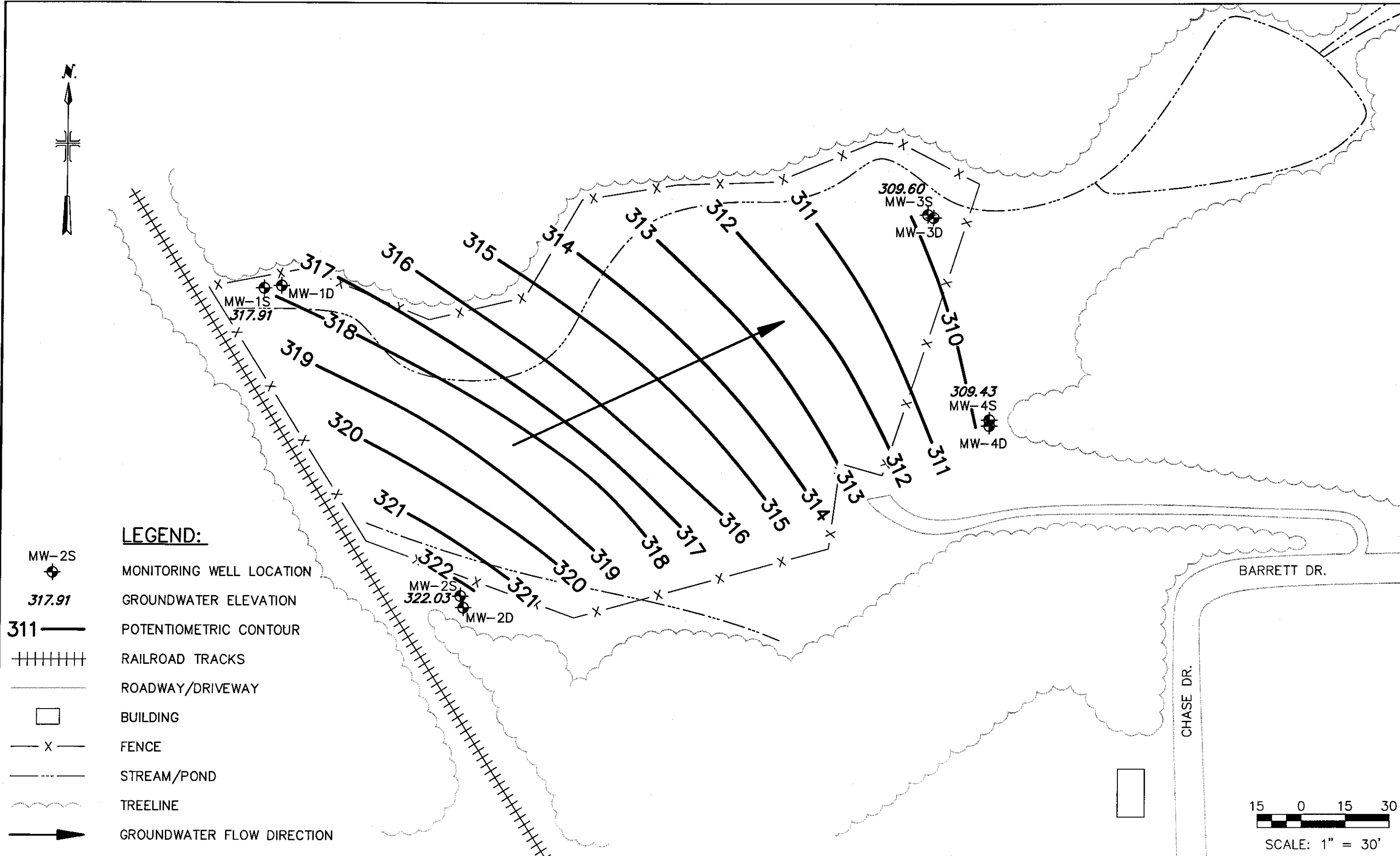
NYSDEC STANDBY CONTRACT NO. D00443-7
NYSDEC SITE NO. 7-38-012
COLUMBIA MILLS SITE
MINETTO, NEW YORK

GROUNDWATER MONITORING WELL LOCATIONS

SCALE: 1" = 40'

MALCOLM PIRNIE, INC.
OCTOBER 2007
FIGURE 2-2

XREFS: \\ACAD\PROJ\0266\363\X-REFS\Basemap.dwg IMAGES: None
User: LpPlante Spec: PIRNIE STANDARD File: \\ACAD\PROJ\0266\363\Figures\FIGURE 2-3.DWG Scale: 1:1 Date: 11/26/2007 Time: 14:18 Layout: Layout1



- LEGEND:**
- MW-2S
317.91
MONITORING WELL LOCATION
GROUNDWATER ELEVATION
 - 311
POTENTIOMETRIC CONTOUR
 - RAILROAD TRACKS
 - ROADWAY/DRIVEWAY
 - BUILDING
 - FENCE
 - STREAM/POND
 - TREELINE
 - GROUNDWATER FLOW DIRECTION

XREFS: I:\ACA\PROJ\0266\363\X-REFS\Bosemap.dwg IMAGES: None
User: lrpigto Spec: PIRNIE STANDARD File: I:\ACA\PROJ\0266\363\Figures\FIGURE 2-4.DWG Scale: 1:1 Date: 10/30/2007 Time: 11:54 Layout: Layout1

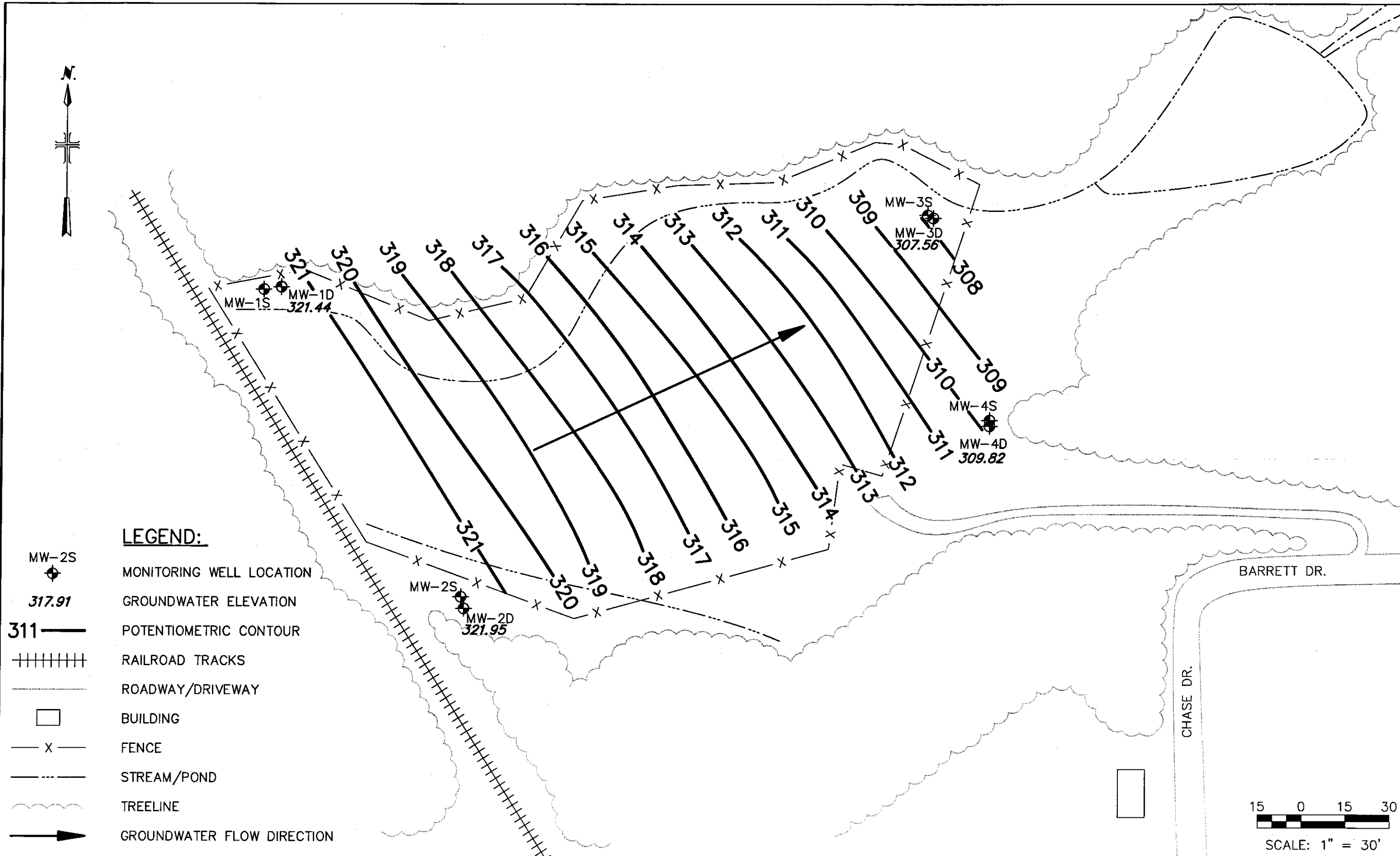


Table 2-1
Summary of Groundwater Elevations
Columbia Mills
Minetto, New York
NYSDEC Site No. 7-38-012

Well	Measuring Point Elevation ⁽¹⁾ (feet)	8/6/2007*	
		DTW (feet)	Elevation (feet)
MW-1S	324.85	6.94	317.91
MW-1D	325.14	3.7	321.44
MW-2S	335.93	13.90	322.03
MW-2D	335.90	13.95	321.95
MW-3S	316.02	6.42	309.60
MW-3D	315.79	8.23	307.56
MW-4S	321.63	12.2	309.43
MW-4D	321.26	11.44	309.82
LFP-A	NA	15.18	-
LFP-B	NA	18.2	-
LFP-C	NA	13.92	-
LFP-D	NA	14.5	-
LFP-E	NA	17.3	-
LFP-F	NA	26.37	-
LFP-G	NA	14.75	-
LFP-H	NA	13.57	-
LFP-I	NA	Dry	-
LFP-J	NA	16.4	-
LFP-K	NA	19.15	-
LFP-L	NA	23.77	-

Notes

(1) - Source: Malcolm Pirnie Inc. Project Number 0266319

Table 2-2, Monitoring Well and Piezometer Construction Summary

NA - Not Available

* - Landfill Piezometers (LFP) locations measured on 8/7/2007

Table 2-2
Summary of Groundwater Sampling Results (2007)
Columbia Mills
Minetto, New York
NYSDEC Site No. 7-38-012

Well Date Units	NYSDEC Class GA Standards	MW-1S 8/7/2007 ug/L	MW-1D 8/7/2007 ug/L	MW-2S 8/7/2007 ug/L	MW-2D 8/7/2007 ug/L	MW-3S 8/8/2007 ug/L	MW-3D 8/8/2007 ug/L	MW-4S 8/7/2007 ug/L	MW-4D 8/7/2007 ug/L	MW-DUPE ⁽¹⁾ 8/7/2007 ug/L
Analyte										
PCB-1016	-	0.54 U	0.54 U	0.56 U	0.56 U	0.50 U	0.50 U	0.56 U	0.61 U	0.56 U
PCB-1221	-	1.1 U	1.1 U	1.1 U	1.1 U	1.0 U	1.0 U	1.1 U	1.2 U	1.1 U
PCB-1232	-	0.54 U	0.54 U	0.56 U	0.56 U	0.50 U	0.50 U	0.56 U	0.61 U	0.56 U
PCB-1242	-	0.54 U	0.54 U	0.56 U	0.56 U	0.50 U	0.50 U	0.56 U	0.61 U	0.56 U
PCB-1248	-	0.54 U	0.54 U	0.56 U	0.56 U	0.40 J M	0.50 U	0.56 U	0.61 U	0.56 U
PCB-1254	-	0.54 U	0.54 U	0.56 U	0.56 U	0.50 U	0.50 U	0.56 U	0.61 U	0.56 U
PCB-1260	-	0.54 U	0.54 U	0.56 U	0.56 U	0.19 JMB	0.50 U	0.56 U	0.61 U	0.56 U
Total PCBs	0.09	-	-	-	-	0.59	-	-	-	-

Notes:

- Concentration exceeds corresponding NYSDEC Class GA Standard

U - Analyte not detected

J - Estimated value

M - Manual integrated compound

B - Analyte detected in an associated blank and the sample

(1) - MW-DUPE is a duplicate sample collected at MW-4D

APPENDIX A

Well Inspection Forms

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills/LF

PROJECT NUMBER:

02606-363

DATE OF INSPECTION:

08/06/07

INSPECTOR:

K. Roe/J. Natale

WELL DESIGNATION:

MW-1S

WELL LOCATION:

Inside LF fence, NW portion of site, between drainage swale & fence

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

2.6 feet

N/A ☐

Integrity of Protective Casing

Describe:

OK/Good

Protective Casing Material

Steel ☒Stainless Steel ☐

Other _____

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☒Bentonite ☐Not apparent ☒

Other _____

Integrity of Surface Seal/Apron

Describe:

Appears to be cement seal beneath sod around well casing

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☐

Bollards Present?

Yes ☐No ☒

Describe:

Well ID. Visible?

Yes ☒No ☐

Describe:

Marked outside/inside well

Lock Present and Functional?

Yes ☒No ☐

Describe:

New Lock placed

Photograph Taken? Photo #

Yes ☐No ☒

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

OK/Good

Integrity of Cap Seal

Describe:

OK - slip cap

Surface Water in Casing?

Yes ☒No ☐

Describe:

3.1' below top pro-casing

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

Marked this event. if PVC rim not level, meas. pt. is at highest pt. of rim.

Evidence of Double Casing?

Yes ☐No ☒

Describe:

Downhole

Odor

Yes ☐No ☒

Describe:

PID Reading

0.0 ppm

Depth to Water (to top of casing)

6.94 feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☐

Total Well Depth (to top of casing)

16.85 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills/LF

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

08/06/07

INSPECTOR:

K. Roe/J. Natale

WELL DESIGNATION:

MW-1D

WELL LOCATION:

Inside LF fence, NW portion of site, between swale & fence

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

2.7 feet

N/A ☐

Integrity of Protective Casing

Describe: Good/OK

Protective Casing Material

Steel ☒Stainless Steel ☐

Other _____

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☒Bentonite ☐Not apparent ☒ Other _____

Integrity of Surface Seal/Apron

Describe: deteriorating cement below dirt/sod around well casing.

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☐

Bollards Present?

Yes ☐No ☒

Describe: _____

Well ID. Visible?

Yes ☒No ☐

Describe: _____

Lock Present and Functional?

Yes ☒No ☐

Describe: New installed

Photograph Taken? Photo #

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe: Good/OK

Integrity of Cap Seal

Describe: OK

Surface Water in Casing?

Yes ☒No ☐

Describe: 3.2 bto pro-casing

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒ If PVC rim not level, meas. taken from highest pt.; meas. pte. marked this event.

Evidence of Double Casing?

Yes ☐No ☒

Describe: _____

Downhole

Odor

Yes ☐No ☒

Describe: _____

PID Reading

676 ppm (peak)

Depth to Water (to top of casing)

3.70 feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

28.20 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: _____

Additional Comments:

PID screening: very slow but consistently increasing for several minutes until peak reached and measurements began to decrease. PID quickly returned to background levels when placed back in ambient air. Recheck @ well head also detected elevated readings.

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills/LF

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

08/06/07

INSPECTOR:

K. Roe/J. Natale

WELL DESIGNATION:

MW-28

WELL LOCATION:

Outside of LF fence, SW portion of site, East of RR tracks

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

2.25 feet

N/A ☐

Integrity of Protective Casing

Describe: OK/Good

Protective Casing Material

Steel ☒Stainless Steel ☐

Other _____

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other _____

Integrity of Surface Seal/Apron

Describe: Appears to be cement surf-seal beneath sod around well

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☐

Bollards Present?

Yes ☐No ☒

Describe: _____

Well ID. Visible?

Yes ☒No ☐

Describe: Marker/Paint inside/outside well

Lock Present and Functional?

Yes ☒No ☐

Describe: New Lock placed

Photograph Taken? Photo #

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe: OK/Good

Integrity of Cap Seal

Describe: OK - PVC Slip cap

Surface Water in Casing?

Yes ☒No ☐

Describe: 1.5' below top of pro-casing

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒ (Meas. Pt. Marked this event)

Evidence of Double Casing?

Yes ☐No ☒

Describe: If PVC rim not level, meas. taken @ highest pt. on rim.

Downhole

Odor

Yes ☐No ☒

Describe: _____

PID Reading

0.0 ppm

Depth to Water (to top of casing)

13.90 feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

17.30 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: Silty-Feel

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills/LF

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/6/07

INSPECTOR:

K. Roe / J. Natale

WELL DESIGNATION:

MW-2D

WELL LOCATION:

Outside of LF fence, SW portion of site, East of RR tracks

Outward Appearance

Flushmount Diameter

 inchesN/A ☒

Approximate Stickup Height

2.2 feetN/A ☐

Integrity of Protective Casing

Describe: Good

Protective Casing Material

Steel ☒Stainless Steel ☐Other

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒Other

Integrity of Surface Seal/Apron

Describe: Appears to be cement seal beneath sod around casing

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☐

Bollards Present?

Yes ☐No ☒Describe:

Well ID. Visible?

Yes ☒No ☐Describe: Marker/Paint Pen on outside + inside of well

Lock Present and Functional?

Yes ☒No ☐Describe: New Lock placed

Photograph Taken? Photo #

Yes ☐No ☒Describe:

Inner Appearance

Integrity of Well Casing

Describe: Good

Integrity of Cap Seal

Describe: Good / Slip-top cap

Surface Water in Casing?

Yes ☒No ☐Describe: 2.3' below top of pro-casing

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒ Meas. Pt. marked this event.

Evidence of Double Casing?

Yes ☐No ☒Describe: If PVC rim not level, meas. taken at highest pt. on rim.

Downhole

Odor

Yes ☐No ☒Describe:

PID Reading

0.0 ppm

Depth to Water (to top of casing)

13.95 feet (nearest 0.01)

Depth to LNAPL

 feet (nearest 0.01)N/A ☒

Total Well Depth (to top of casing)

27.28 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: Silty-feel

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/6/07

INSPECTOR:

K. Roe/J. Nabal

WELL DESIGNATION:

MW-38

WELL LOCATION:

Landfill, inside, East side nearest pond

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

2.35 feet

N/A ☐

Integrity of Protective Casing

Describe: Good

Protective Casing Material

Steel ☒Stainless Steel ☐

Other _____

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☒Bentonite ☐Not apparent ☐

Other _____

Integrity of Surface Seal/Apron

Describe: Deteriorating

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☒

slope

Bollards Present?

Yes ☐No ☒

Describe: _____

Well ID. Visible?

Yes ☒No ☐

Describe: _____

Lock Present and Functional?

Yes ☒No ☐

Describe: New installed

Photograph Taken? Photo #

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe: OK

Integrity of Cap Seal

Describe: OK

Surface Water in Casing?

Yes ☐No ☒

Describe: _____

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

If PVC rim not level, measurements taken from highest pt. meas. pt. marked this event.

Evidence of Double Casing?

Yes ☐No ☒

Describe: _____

Downhole

Odor

Yes ☐No ☒

Describe: _____

PID Reading

6.42' 0.0 ppm

Depth to Water (to top of casing)

8.73' (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

17.78' (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: Soft

Additional Comments:

Large, active wasp nest inside pro-casing (sprayed Ortho Basic Solutions Wasp + Hornet Killer)

Also ground-nesting bees in immed. vicinity of MW-38/MW-3D - active but not aggressive - not disturbed.

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/6/07

INSPECTOR:

K. Roe / J. Natali

WELL DESIGNATION:

MW-3D

WELL LOCATION:

Landfill, inside fence, East side, nearest pond

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

2.3 feet

N/A ☐

Integrity of Protective Casing

Describe: Good

Protective Casing Material

Steel ☒Stainless Steel ☐

Other _____

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☒Bentonite ☐Not apparent ☐

Other _____

Integrity of Surface Seal/Apron

Describe: OK? overgrown & lot of dirt cover/sod.

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☒

Slope

Bollards Present?

Yes ☐No ☒

Describe: _____

Well ID. Visible?

Yes ☒No ☐

Describe: _____

Lock Present and Functional?

Yes ☒No ☐

Describe: New installed

Photograph Taken? Photo #

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe: OK

Integrity of Cap Seal

Describe: OK

Surface Water in Casing?

Yes ☒No ☐

Describe: 0.58' bgs

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒ If PVC rim not level, meas.

Evidence of Double Casing?

Yes ☐No ☒

Describe: Taken from highest pt. on rim;

meas. pt. marked this event.

Downhole

Odor

Yes ☐No ☒

Describe: _____

PID Reading

0.0 ppm

Depth to Water (to top of casing)

8.23 feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☐

Total Well Depth (to top of casing)

26.70 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: Soft

Additional Comments:

Ground-nesting bees adjacent to wells 3S/3D - not sprayed
as bees not aggressive - OK if not disturbed.

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/6/07

INSPECTOR:

K. Roe/Jason Natale

WELL DESIGNATION:

MW-48

WELL LOCATION:

Landfill - outside fence, near gate (double/vehicle gate);
SE portion of site.

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

1.65 feet

N/A ☐

Integrity of Protective Casing

Describe: OK - minor damage ~6" from g.s. - cut through/dent

Protective Casing Material

Steel ☒Stainless Steel ☐

Other _____

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒ → damage provides drainage

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other _____

Integrity of Surface Seal/Apron

Describe: dirt, no seal visible @ g.s. surface - maybe
beneath soil around well?

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☐

Bollards Present?

Yes ☐No ☒

Describe: _____

Well ID. Visible?

Yes ☒No ☐

Describe: Marker on PVC well cap

Lock Present and Functional?

Yes ☒No ☐

Describe: New lock installed

Photograph Taken? Photo #

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe: As described above for pro-casing; PVC riser/cap

Integrity of Cap Seal

Describe: PVC cap, slip-on riser; flip-top w/ lock

Surface Water in Casing?

Yes ☒No ☐

Describe: 1 foot bgs

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒ Marked during this event. If

Evidence of Double Casing?

Yes ☐No ☒

Describe: PVC rim not level, measurements

from highest point of rim.

Downhole

Odor

Yes ☐No ☒

Describe: _____

PID Reading

0.0 ppm

Depth to Water (to top of casing)

12.20 feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

14.00 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: _____

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/6/07

INSPECTOR:

K. Roe / J. Natali

WELL DESIGNATION:

MW-4D

WELL LOCATION:

Landfill, outside fence, near gate

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

2.1 feet

N/A ☐

Integrity of Protective Casing

Describe: Good

Protective Casing Material

Steel ☒Stainless Steel ☐

Other _____

Protective Casing Width or Dia.

6 inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other _____

Integrity of Surface Seal/Apron

Describe: dirt around pro-casing; no surf seal apparent

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☒ on slight slope

Bollards Present?

Yes ☐No ☒

Describe: _____

Well ID. Visible?

Yes ☒No ☐

Describe: _____

Lock Present and Functional?

Yes ☒No ☐

Describe: New lock installed

Photograph Taken? Photo #

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe: OK

Integrity of Cap Seal

Describe: OK

Surface Water in Casing?

Yes ☒No ☐

Describe: visible/near @ 0.9' bgs

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☒Expansion Plug ☐None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

Evidence of Double Casing?

Yes ☐No ☒

Describe: _____

Downhole

Odor

Yes ☐No ☒

Describe: _____

PID Reading

0.0 ppm

Depth to Water (to top of casing)

11.44 feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

26.95 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: Soft

Additional Comments:

All measurements taken from highest pt. on PVC casing if uneven
not level — measuring pt used marked on rim of PVC.

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

DATE OF INSPECTION:

WELL DESIGNATION:

WELL LOCATION:

PROJECT NUMBER:

INSPECTOR:

Outward Appearance

Flushmount Diameter

Approximate Stickup Height

Integrity of Protective Casing

Protective Casing Material

Protective Casing Width or Dia.

Weep Hole in Protective Casing

Surface Seal/Apron Material

Integrity of Surface Seal/Apron

Surface Drainage

Bollards Present?

Well ID. Visible?

Lock Present and Functional?

Photograph Taken? Photo #

_____ inches

N/A ☒

39 feet

N/A ☐

Describe: _____

Steel ☐Stainless Steel ☐Other NA

_____ inches

Yes ☐No ☒Cement ☐Bentonite ☐Not apparent ☒ Other _____

Describe: _____

Away from Wellhead ☒Toward Wellhead ☒Yes ☐No ☒

Describe: _____

Yes ☐No ☒

Describe: _____

Yes ☐No ☒

Describe: _____

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Integrity of Cap Seal

Surface Water in Casing?

Well Casing Diameter

Well Casing Material

Inner Cap

Reference/Measuring Point

Evidence of Double Casing?

Describe: _____

Describe: _____

Yes ☐No ☐

Describe: _____

2 inches

PVC ☒Steel ☐Stainless Steel ☐Threaded ☐Slip ☐Expansion Plug ☒None ☐Groove ☐Indelible Mark ☐None ☒Yes ☐No ☒

Describe: _____

Downhole

Odor

PID Reading

Depth to Water (to top of casing) 15.18 feet (nearest 0.01)

Total Well Depth (to top of casing) 15.55 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Yes ☐No ☒

Describe: _____

0 ppm

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☒

Describe: _____

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

Columbia Mills

SITE/PROJECT NAME:

Londrina

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/7/07

INSPECTOR:

J. Brown

WELL DESIGNATION:

Wells
8/7/07

Well - B

LFP-B

WELL LOCATION:

East Hillside

Outward Appearance

Flushmount Diameter

inches

N/A [✓]

Approximate Stickup Height

26 feet

N/A []

Integrity of Protective Casing

Describe:

N/A

Protective Casing Material

Steel []

Stainless Steel []

Other

N/A

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes []

No [✓]

Surface Seal/Apron Material

Cement []

Bentonite []

Not apparent [✓]

Other

Integrity of Surface Seal/Apron

Describe:

Dirt

Surface Drainage

Away from Wellhead [✓]

Toward Wellhead [✓]

- Both, hillside

Bollards Present?

Yes []

No [✓]

Describe:

Well ID. Visible?

Yes []

No [✓]

Describe:

Lock Present and Functional?

Yes []

No [✓]

Describe:

Photograph Taken? Photo #

Yes []

No [✓]

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

PVC OK

Integrity of Cap Seal

Describe:

Not one on, I put a 2" expandable, non lockable gripper on

Surface Water in Casing?

Yes []

No []

Describe:

N/A

Well Casing Diameter

2 inches

Well Casing Material

PVC [✓]

Steel []

Stainless Steel []

Inner Cap

Threaded []

Slip []

Expansion Plug [✓]

None []

Reference/Measuring Point

Groove []

Indelible Mark []

None [✓]

Evidence of Double Casing?

Yes []

No [✓]

Describe:

(all I have in truck)

Downhole

Odor

Yes []

No [✓]

Describe:

PID Reading

ppm

Depth to Water (to top of casing)

18.20

feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01) N/A [✓]

Total Well Depth (to top of casing)

18.45

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

- Needs a locking gripper

GROUNDWATER MONITORING WELL INSPECTION

Columbia Mills

Londrill

SITE/PROJECT NAME:

PROJECT NUMBER:

0260-363

DATE OF INSPECTION:

8/7/07

INSPECTOR:

J. J. J.

WELL DESIGNATION:

Well - C/LP 8/7/07 LFP-C

WELL LOCATION:

North side of SAE bordering a swale

Outward Appearance

Flushmount Diameter

_____ inches

N/A [✓]

Approximate Stickup Height

49 feet

N/A []

Integrity of Protective Casing

Describe:

None

Protective Casing Material

Steel []

Stainless Steel []

Other NA

Protective Casing Width or Dia.

_____ inches

Weep Hole in Protective Casing

Yes []

No [✓]

Surface Seal/Apron Material

Cement []

Bentonite []

Not apparent [✓] Other _____

Integrity of Surface Seal/Apron

Describe:

Dirt

Surface Drainage

Away from Wellhead [✓]

Toward Wellhead [✓]

Both - H.H. H.H.

Bollards Present?

Yes []

No [✓]

Describe:

Well ID. Visible?

Yes []

No [✓]

Describe:

Lock Present and Functional?

Yes []

No [✓]

Describe:

Photograph Taken? Photo #

Yes []

No [✓]

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

PVC OK

Integrity of Cap Seal

Describe:

Good

Surface Water in Casing?

Yes []

No []

Describe:

NA

Well Casing Diameter

_____ inches

Well Casing Material

PVC [✓]

Steel []

Stainless Steel []

Inner Cap

Threaded []

Slip []

Expansion Plug [✓]

None []

Reference/Measuring Point

Groove []

Indelible Mark []

None [✓]

Evidence of Double Casing?

Yes []

No [✓]

Describe:

Downhole

Odor

Yes []

No [✓]

Describe:

PID Reading

_____ ppm

Depth to Water (to top of casing) 13.92 feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A [✓]

Total Well Depth (to top of casing) 14.70 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

DATE OF INSPECTION:

WELL DESIGNATION:

WELL LOCATION:

Columbia MMS

Londrill

PROJECT NUMBER:

0260-363

INSPECTOR:

JOHN N.

Well - Dike 17/07 LFP-D

South side of dike

Outward Appearance

Flushmount Diameter

inches

N/A ☒

Approximate Stickup Height

27 feet

N/A ☐

Integrity of Protective Casing

Describe:

None

Protective Casing Material

Steel ☐Stainless Steel ☐Other ☒

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other

Integrity of Surface Seal/Apron

Describe:

Dike

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☒

Both, AMSB

Bollards Present?

Yes ☐No ☒

Describe:

Well ID. Visible?

Yes ☐No ☒

Describe:

Lock Present and Functional?

Yes ☐No ☒

Describe:

Photograph Taken? Photo #

Yes ☐No ☒

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

A/C OK

Integrity of Cap Seal

Describe:

Good

Surface Water in Casing?

Yes ☐No ☐

Describe:

NA

Well Casing Diameter

inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☐Expansion Plug ☒None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

Evidence of Double Casing?

Yes ☐No ☒

Describe:

Downhole

Odor

Yes ☐No ☒

Describe:

PID Reading

ppm

Depth to Water (to top of casing)

14.50

feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

19.50

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

Columbia Mills

SITE/PROJECT NAME:

LORD FM

PROJECT NUMBER:

0266-3603

DATE OF INSPECTION:

8/7/07

INSPECTOR:

J. Brown

WELL DESIGNATION:

Well - E K/L 87/07 LFP-E

WELL LOCATION:

Hillside on S. side of site

Outward Appearance

Flushmount Diameter

_____ inches

N/A [✓]

Approximate Stickup Height

24 feet

N/A []

Integrity of Protective Casing

Describe:

NA (AUC only)

Protective Casing Material

Steel []

Stainless Steel []

Other _____

Protective Casing Width or Dia.

_____ inches

Weep Hole in Protective Casing

Yes []

No [✓]

Surface Seal/Apron Material

Cement []

Bentonite []

Not apparent [✓] Other _____

Integrity of Surface Seal/Apron

Describe:

DNAT

Surface Drainage

Away from Wellhead [✓]

Toward Wellhead [✓]

- Barn, Hillside

Bollards Present?

Yes []

No [✓]

Describe: _____

Well ID. Visible?

Yes []

No [✓]

Describe: _____

Lock Present and Functional?

Yes []

No [✓]

Describe: _____

Photograph Taken? Photo #

Yes []

No [✓]

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe:

PVC OK

Integrity of Cap Seal

Describe:

GOOD

Surface Water in Casing?

Yes []

No []

Describe: NA

Well Casing Diameter

_____ inches

Well Casing Material

PVC [✓]

Steel []

Stainless Steel []

Inner Cap

Threaded []

Slip []

Expansion Plug [✓]

None []

Reference/Measuring Point

Groove []

Indelible Mark []

None [✓]

Evidence of Double Casing?

Yes []

No [✓]

Describe: _____

Downhole

Odor

Yes []

No [✓]

Describe: _____

PID Reading

8 ppm

Depth to Water (to top of casing)

17.30

feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A [✓]

Total Well Depth (to top of casing)

22.40

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: _____

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills

PROJECT NUMBER:

02406-363

DATE OF INSPECTION:

8/7/07

INSPECTOR:

J. J. J.

WELL DESIGNATION:

Well - F 1/2 8/7/07

WELL LOCATION:

Center of Hilltop

Outward Appearance

Flushmount Diameter

inches

N/A [✓]

Approximate Stickup Height

25 feet

N/A []

Integrity of Protective Casing

Describe: PVC SW

Protective Casing Material

Steel []

Stainless Steel []

Other

NA

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes []

No [✓]

Surface Seal/Apron Material

Cement []

Bentonite []

Not apparent [✓]

Other

Integrity of Surface Seal/Apron

Describe: Dirt

Surface Drainage

Away from Wellhead [✓]

Toward Wellhead []

Bollards Present?

Yes []

No [✓]

Describe:

Well ID. Visible?

Yes []

No [✓]

Describe:

Lock Present and Functional?

Yes []

No [✓]

Describe:

Photograph Taken? Photo #

Yes []

No [✓]

Describe:

Inner Appearance

Integrity of Well Casing

Describe: PVC OK

Integrity of Cap Seal

Describe: ~~OK~~ - put a 2" expandable gopher cap on

Surface Water in Casing?

Yes []

None

No [✓]

Describe:

Well Casing Diameter

2" inches

Well Casing Material

PVC [✓]

Steel []

Stainless Steel []

Inner Cap

Threaded []

Slip []

Expansion Plug [✓]

None []

Reference/Measuring Point

Groove []

Indelible Mark []

None [✓]

Evidence of Double Casing?

Yes []

No [✓]

Describe:

Downhole

Odor

Yes []

No [✓]

Describe:

PID Reading

ppm

Depth to Water (to top of casing)

26.37

feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01) N/A [✓]

Total Well Depth (to top of casing)

30.85

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

DATE OF INSPECTION:

WELL DESIGNATION:

WELL LOCATION:

Columbia Mills

Location

PROJECT NUMBER:

0266-363

INSPECTOR:

JASON

Well - G-1828/107 LFP-G

Northern Hillside of site

Outward Appearance

Flushmount Diameter

inches

N/A ☒

Approximate Stickup Height

27 1/2 feet

N/A ☐

Integrity of Protective Casing

Describe:

None

Protective Casing Material

Steel ☐Stainless Steel ☐

Other

NA

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other

Integrity of Surface Seal/Apron

Describe:

DIM

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☒

Both - Hillside

Bollards Present?

Yes ☐No ☒

Describe:

Well ID. Visible?

Yes ☐No ☒

Describe:

Lock Present and Functional?

Yes ☐No ☒

Describe:

Photograph Taken? Photo #

Yes ☐No ☒

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

PVC OK

Integrity of Cap Seal

Describe:

Good

Surface Water in Casing?

Yes ☐No ☒

Describe:

Well Casing Diameter

inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☐Expansion Plug ☒None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

Evidence of Double Casing?

Yes ☐No ☒

Describe:

Downhole

Odor

Yes ☐No ☒

Describe:

PID Reading

ppm

Depth to Water (to top of casing)

14.75

feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

16.75

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

Columbia Mills

London Hill

SITE/PROJECT NAME:

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/7/07

INSPECTOR:

JORDAN

WELL DESIGNATION:

Well - H 15/2 & 707 LFP-H

WELL LOCATION:

Northern Humble at site

Outward Appearance

Flushmount Diameter

inches

N/A [✓]

Approximate Stickup Height

35 feet - 3 inches

N/A []

Integrity of Protective Casing

Describe:

None

Protective Casing Material

Steel []

Stainless Steel []

Other NA

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes []

No [✓]

Surface Seal/Apron Material

Cement []

Bentonite []

Not apparent [✓]

Other

Integrity of Surface Seal/Apron

Describe:

Dirt

Surface Drainage

Away from Wellhead [✓]

Toward Wellhead [✓]

Both, Humble

Bollards Present?

Yes []

No [✓]

Describe:

Well ID. Visible?

Yes []

No [✓]

Describe:

Lock Present and Functional?

Yes []

No [✓]

Describe:

Photograph Taken? Photo #

Yes []

No [✓]

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

PVC, OK

Integrity of Cap Seal

Describe:

None on well

Surface Water in Casing?

Yes []

No []

Describe:

NA

Well Casing Diameter

2 inches

Well Casing Material

PVC [✓]

Steel []

Stainless Steel []

Inner Cap

Threaded []

Slip []

Expansion Plug [✓]

None []

Reference/Measuring Point

Groove []

Indelible Mark []

None [✓]

Evidence of Double Casing?

Yes []

No [✓]

Describe:

Downhole

Odor

Yes []

No [✓]

Describe:

PID Reading

0 ppm

Depth to Water (to top of casing) 3.57 feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01) N/A [✓]

Total Well Depth (to top of casing) 4.65 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

I put a 2" gripper (Non-locking, expandable) because it was the only thing I had. Not a good seal, doesn't fit tight.

- Needs a locking gripper

GROUNDWATER MONITORING WELL INSPECTION

Columbia MMS
Londrini

SITE/PROJECT NAME:

PROJECT NUMBER:

0266-363

DATE OF INSPECTION:

8/7/07

INSPECTOR:

J. J. J.

WELL DESIGNATION:

Well - I 11/28/07 LFP-I

WELL LOCATION:

Northern side of site, bordering the
swale

Outward Appearance

Flushmount Diameter

_____ inches

N/A ☒

Approximate Stickup Height

46 1/2 feet

N/A ☐

Integrity of Protective Casing

Describe: _____

Protective Casing Material

Steel ☐Stainless Steel ☐Other ☒ N/A

Protective Casing Width or Dia.

_____ inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other _____

Integrity of Surface Seal/Apron

Describe: _____

Surface Drainage

Away from Wellhead ☐Toward Wellhead ☒

Bollards Present?

Yes ☐No ☒

Describe: _____

Well ID. Visible?

Yes ☐No ☒

Describe: _____

Lock Present and Functional?

Yes ☐No ☒

Describe: _____

Photograph Taken? Photo #

Yes ☐No ☒

Describe: _____

Inner Appearance

Integrity of Well Casing

Describe: _____

Integrity of Cap Seal

Describe: _____

Surface Water in Casing?

Yes ☐No ☐

Describe: _____

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☐Expansion Plug ☒None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

Evidence of Double Casing?

Yes ☐No ☒

Describe: _____

Downhole

Odor

Yes ☐No ☒

Describe: _____

PID Reading

0 ppm

Depth to Water (to top of casing)

_____ feet (nearest 0.01)

Depth to LNAPL

_____ feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

7.50 feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe: _____

Well was dry @ 7.50

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

Columbia Mills/
London

PROJECT NUMBER:

0260-363

DATE OF INSPECTION:

8/7/07

INSPECTOR:

J. J. N.

WELL DESIGNATION:

Well - J Forest St/7 LFP-J

WELL LOCATION:

SW CRN of site

Outward Appearance

Flushmount Diameter

inches

N/A ☒

Approximate Stickup Height

42 1/4 in.

N/A ☐

Integrity of Protective Casing

Describe:

NA

Protective Casing Material

Steel ☐Stainless Steel ☐

Other NA

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other

Integrity of Surface Seal/Apron

Describe:

Dirt

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☒

Bollards Present?

Yes ☐No ☒

Describe:

Well ID. Visible?

Yes ☐No ☒

Describe:

Lock Present and Functional?

Yes ☐No ☒

Describe:

Photograph Taken? Photo #

Yes ☐No ☒

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

PVC Good

Integrity of Cap Seal

Describe:

Good

Surface Water in Casing?

Yes ☐No ☐

Describe:

NA

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☐Expansion Plug ☒None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

Evidence of Double Casing?

Yes ☐No ☒

Describe:

Downhole

Odor

Yes ☐No ☒

Describe:

PID Reading

ppm

Depth to Water (to top of casing)

16.40

feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01) N/A ☒

Total Well Depth (to top of casing)

19.05

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME:

DATE OF INSPECTION:

WELL DESIGNATION:

WELL LOCATION:

GELMAG LORRY

MHS /

PROJECT NUMBER:

0266-0363

8/7/07

INSPECTOR:

JOHN N.

Well-K 1/2 8/7/07 LFP-K

SW Hilsdale of JHE

Outward Appearance

Flushmount Diameter

inches

N/A ☒

Approximate Stickup Height

21 1/2 feet inches

N/A ☐

Integrity of Protective Casing

Describe:

Protective Casing Material

Steel ☐Stainless Steel ☐Other N/A

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes ☐No ☒

Surface Seal/Apron Material

Cement ☐Bentonite ☐Not apparent ☒

Other

Integrity of Surface Seal/Apron

Describe:

Asmt

Surface Drainage

Away from Wellhead ☒Toward Wellhead ☒

Bollards Present?

Yes ☐No ☒

Describe:

Well ID. Visible?

Yes ☐No ☒

Describe:

Lock Present and Functional?

Yes ☐No ☒

Describe:

Photograph Taken? Photo #

Yes ☐No ☒

Describe:

Inner Appearance

Integrity of Well Casing

Describe:

PVC OK

Integrity of Cap Seal

Describe:

Good

Surface Water in Casing?

Yes ☐No ☐

Describe:

N/A

Well Casing Diameter

2 inches

Well Casing Material

PVC ☒Steel ☐Stainless Steel ☐

Inner Cap

Threaded ☐Slip ☐Expansion Plug ☒None ☐

Reference/Measuring Point

Groove ☐Indelible Mark ☐None ☒

Evidence of Double Casing?

Yes ☐No ☒

Describe:

Downhole

Odor

Yes ☐No ☒

Describe:

PID Reading

52 ppm

Depth to Water (to top of casing)

19.15

feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01)

N/A ☒

Total Well Depth (to top of casing)

20.60

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

GROUNDWATER MONITORING WELL INSPECTION

Columbus Mills
Lanark

SITE/PROJECT NAME:

PROJECT NUMBER:

0266-1363

DATE OF INSPECTION:

8/7/07

INSPECTOR:

J. G. N.

WELL DESIGNATION:

Well - L 10/12 8/7/07 LFP-L

WELL LOCATION:

SW Httop of DR

Outward Appearance

Flushmount Diameter

inches

N/A [✓]

Approximate Stickup Height

31 feet Trches

N/A []

Integrity of Protective Casing

Describe: N/A

Protective Casing Material

Steel []

Stainless Steel []

Other NA

Protective Casing Width or Dia.

inches

Weep Hole in Protective Casing

Yes []

No [✓]

Surface Seal/Apron Material

Cement []

Bentonite []

Not apparent [✓] Other

Integrity of Surface Seal/Apron

Describe: Dirt

Surface Drainage

Away from Wellhead [✓]

Toward Wellhead []

Bollards Present?

Yes []

No [✓]

Describe:

Well ID. Visible?

Yes []

No [✓]

Describe:

Lock Present and Functional?

Yes []

No [✓]

Describe:

Photograph Taken? Photo #

Yes []

No [✓]

Describe:

Inner Appearance

Integrity of Well Casing

Describe: PVC OK

Integrity of Cap Seal

Describe: Good

Surface Water in Casing?

Yes []

No []

Describe: NA

Well Casing Diameter

2"

inches

Well Casing Material

PVC [✓]

Steel []

Stainless Steel []

Inner Cap

Threaded []

Slip []

Expansion Plug [✓]

None []

Reference/Measuring Point

Groove []

Indelible Mark []

None [✓]

Evidence of Double Casing?

Yes []

No [✓]

Describe:

Downhole

Odor

Yes []

No [✓]

Describe:

PID Reading

28 ppm

Depth to Water (to top of casing)

23.77

feet (nearest 0.01)

Depth to LNAPL

feet (nearest 0.01) N/A [✓]

Total Well Depth (to top of casing)

24.90

feet (nearest 0.1)

Sediment (Hard/Soft Bottom)

Describe:

Additional Comments:

APPENDIX B

Groundwater Level Data Forms



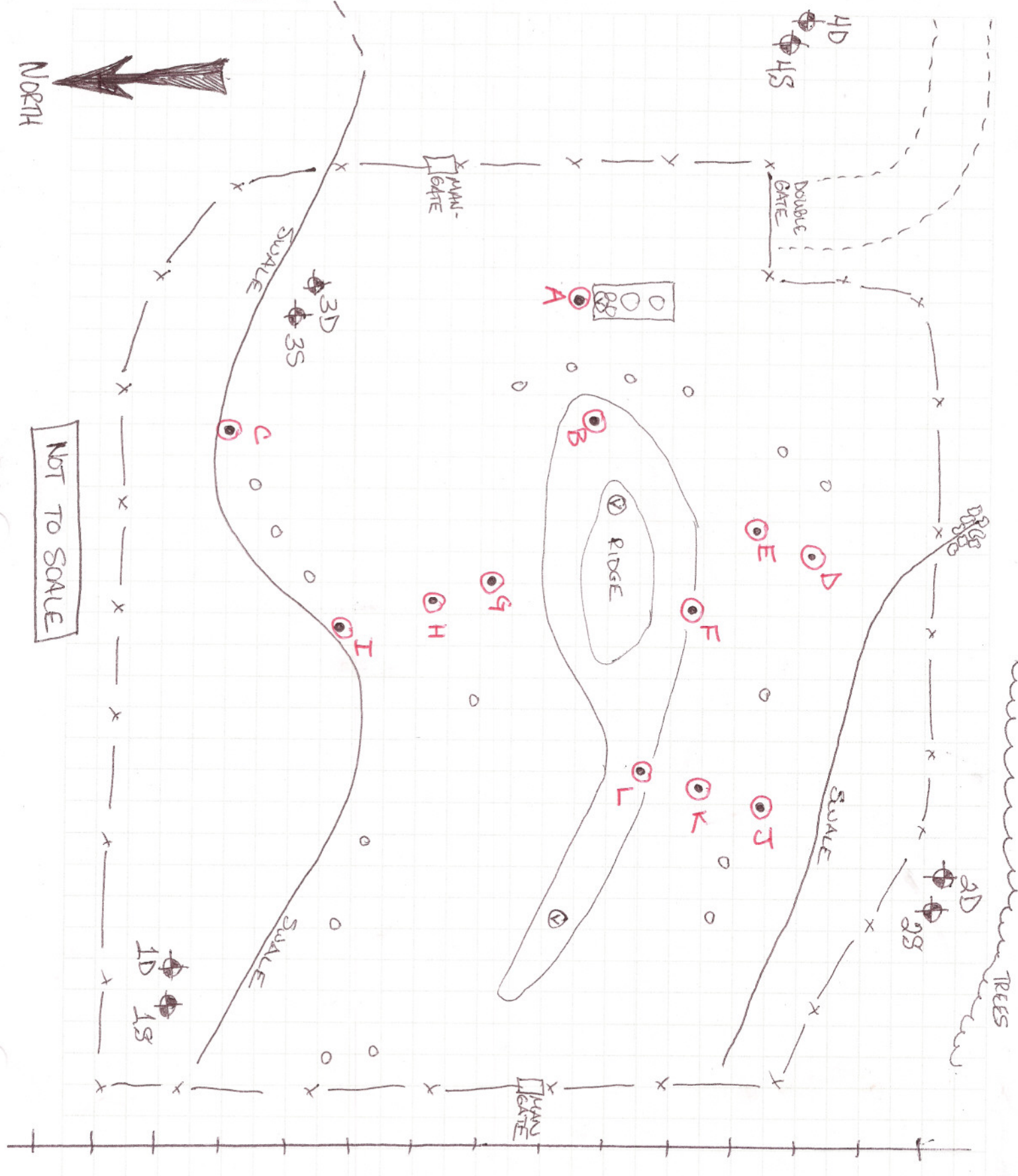
GROUNDWATER LEVEL DATA FORM

PROJECT NAME: Columbia Mills
PROJECT NUMBER: 0266363

DATE: 8/6/2007 - 8/7/2007
PERSONNEL: K. Roe (MPI), J. Natale (Aztech)

WELL ID	Date	Time	Headspace VOCs (ppm)	Depth to LNAPL (feet)	Depth to Water (feet)	Reference Point
MW-1S	8/6/2007		0	-	6.94	TOC
MW-1D	8/6/2007		676	-	3.7	TOC
MW-2S	8/6/2007		0	-	13.9	TOC
MW-2D	8/6/2007		0	-	13.95	TOC
MW-3S	8/6/2007		0	-	6.42	TOC
MW-3D	8/6/2007		0	-	8.23	TOC
MW-4S	8/6/2007		0	-	12.2	TOC
MW-4D	8/6/2007		0	-	11.44	TOC
LFP-A	8/7/2007		0	-	15.18	TOC
LFP-B	8/7/2007		0	-	18.2	TOC
LFP-C	8/7/2007		0	-	13.92	TOC
LFP-D	8/7/2007		0	-	14.5	TOC
LFP-E	8/7/2007		0	-	17.3	TOC
LFP-F	8/7/2007		0	-	26.37	TOC
LFP-G	8/7/2007		0	-	14.75	TOC
LFP-H	8/7/2007		0	-	13.57	TOC
LFP-I	8/7/2007		0	-	Dry	TOC
LFP-J	8/7/2007		0	-	16.4	TOC
LFP-K	8/7/2007		52	-	19.15	TOC
LFP-L	8/7/2007		28	-	23.77	TOC

Notes: Landfill monitoring wells identified as "LF-1S" through "LF-4D"
Landfill piezometers were not identified with numbers on piezometers nor was a location map provided. Attached
site sketch shows locations of piezometers found (12) with designations "A" through "L". Depth to water
measurements all taken from top of PVC (for monitoring wells, top of PVC inner well casing/riser).



APPENDIX C

Groundwater Sampling Purge Logs

Well No.: MW-1S

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: ICJR/JNPURGE METHOD: Low-Flow (Peristaltic Pump)SAMPLE METHOD: Low-Flow (Peri. Pump)

1. Photoionization Detector at Wellhead (ppm)
2. Total Casing and Screen Length (ft.)
3. Casing Internal Diameter (in.)
4. Product Level Below Top of Casing (ft.)
5. Water Level Below Top of Casing (ft.)
6. Volume of Water in Casing (gal.)*
7. Volume of Water in Annulus/Sandpack (gal.)*
8. Total Well Volume (gal.)

0.0
16.85
2
NA
6.91

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$
 $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED										
Gallons	0		.5			1.3					
Time (24 hr. clock)	16:11	16:17	16:23	16:30	16:36	16:41	16:46	16:53	16:58	17:03	17:08
pH (s.u.)	7.58	7.50	7.53	7.52	7.53	7.54	7.54	7.55	7.56	7.55	7.55
Temperature (°C)	16.39	16.77	16.32	16.52	16.74	16.38	16.21	16.02	16.27	16.17	16.25
Conductivity (mS/cm)	2.43	1.33	1.10	0.97	0.94	0.92	0.911	2.23	1.24	1.20	1.23
Eh (mV)	-128	-152	-161	-166	-169	-170	-171	-151	-160	-165	-168
Dissolved Oxygen (mg/l)	0.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Turbidity (NTUs)	87.1	23.9	15.3	25.6	24.2	18.9	36.3	0.0	0.0	0.0	0.0
Depth to Water (ft.)	7.2	7.15	7.16	7.18	7.16	7.19					7.18

NOTES: Purge rate ~ 150 ml/min. @ 16:48, due to parameter changes (COND+TURB) disconnect and rinse horiba - reconnect/resume meas. parameters.
 16:30 Rain starts. 17:10-17:25 Collect sample (flow ~ 100 ml/min)

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

2x 1L Ambic
for PCBs

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Well No.: MW-1D

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: KJR/JNPURGE METHOD: Low-Flow (Peristaltic Pump)SAMPLE METHOD: Low-Flow (Peri. Pump)

1. Photoionization Detector at Wellhead (ppm)

0.0

2. Total Casing and Screen Length (ft.)

28.20

3. Casing Internal Diameter (in.)

2

4. Product Level Below Top of Casing (ft.)

N/A

5. Water Level Below Top of Casing (ft.)

3.64

6. Volume of Water in Casing (gal.)*

3.2

7. Volume of Water in Annulus/Sandpack (gal.)*

8. Total Well Volume (gal.)

28.203.6424.56.17171922456031752Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$ $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED										
Gallons	0										
Time (24 hr. clock)	1717	1722	1728	1733	1740	1745	1750	1755	1800	1805	1810
pH (s.u.)	8.14	8.18	8.14	8.07	7.95	7.87	7.76	7.66	7.63	7.62	7.59
Temperature (°C)	15.89	15.36	15.03	14.81	14.79	14.65	14.71	16.08	15.95	15.55	15.49
Conductivity (mS/cm)	.530	.815	.533	.483	.401	.425	.379	.532	.428	.422	.359
Eh (mV)	-131	-144	-153	-173	-181	-178	-172	-169	-166	-165	-164
Dissolved Oxygen (mg/l)	1.98	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Turbidity (NTUs)	10.0	5.3	3.9	2.8	2.7	2.6	2.3	0.0	0.5	1.1	0.2
Depth to Water (ft.)				4.05	4.06	4.08	4.09	3.97	3.99	3.99	4.00

NOTES: Purge rate = 125 ml/min. At 1755, pumping/purge rate down to 110 ml/min due to pump battery low - will collect sample after 1810 reading. 1815 Collect samples (2x K. Amb/4°C - for PCBs)

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Well No.: MW-2S

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: K. Roe / J. NatalePURGE METHOD: Low-Flow (Peri. Pump)SAMPLE METHOD: Low-Flow (Peri. Pump)1. Photoionization Detector at Wellhead (ppm) 0.02. Total Casing and Screen Length (ft.) 17.333. Casing Internal Diameter (in.) 24. Product Level Below Top of Casing (ft.) NA5. Water Level Below Top of Casing (ft.) 13.92

6. Volume of Water in Casing (gal.)*

7. Volume of Water in Annulus/Sandpack (gal.)*

8. Total Well Volume (gal.)

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$ $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED										
Gallons	0				~1						2.5
Time (24 hr. clock)	1047	1052	1057	1105	1110	1115	1120	1125	1130	1140	1146
pH (s.u.)	7.52	7.30	7.17	7.14	7.15	7.16	7.18	7.19	7.31	7.28	7.29
Temperature (°C)	14.63	15.26	15.75	16.19	15.88	16.29	15.93	15.82	16.67	16.24	16.24
Conductivity (mS/cm)	2.82	2.46	4.00	5.35	6.00	5.60	4.09	1.81	0.781	3.23	4.40
Eh (mV)	41	53	59	60	63	64	67	68	69	70	70
Dissolved Oxygen (mg/l)	5.82	4.89	5.36	4.98	4.80	4.74	4.63	4.53	5.17	5.04	4.42
Turbidity (NTUs)	21.0	19.8	25.7	34.4	35.8	36.6	68.8	77.9	157	170	168
Depth to Water (ft.)	14.30	14.48	14.68	14.84	15.04	15.14	15.26	15.43	15.59	15.84	15.94

NOTES: Purge rate (initial meas.) @ 170 ml/min; reduce to 125 ml/min @ 1055. Collect sample @ 12:00 (2x 1L. Amb/4°C for PCBs)

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Malcolm Pirnie, Inc.

TYPICAL FIELD PURGE LOG
 NYSDEC/Columbia Mills/Site No. 7-38-012
 Work Assignment D004443-7

FIGURE

Well No.: MW-28

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: KJR/JNPURGE METHOD: Low-FlowSAMPLE METHOD: Low-Flow

1. Photoionization Detector at Wellhead (ppm)

0.0

2. Total Casing and Screen Length (ft.)

17.33

3. Casing Internal Diameter (in.)

2

4. Product Level Below Top of Casing (ft.)

NA

5. Water Level Below Top of Casing (ft.)

13.92

6. Volume of Water in Casing (gal.)*

0.58 gal

7. Volume of Water in Annulus/Sandpack (gal.)*

8. Total Well Volume (gal.)

$$\begin{array}{r}
 17.33 \\
 13.92 \\
 \hline
 3.41 \\
 .17 \\
 \hline
 0.58
 \end{array}$$

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$
 $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED									
Gallons	0									
Time (24 hr. clock)	1151	1156								
pH (s.u.)	7.31	7.28								
Temperature (°C)	16.38	16.75								
Conductivity (mS/cm)	5.77	6.38								
Eh (mV)	69	70								
Dissolved Oxygen (mg/l)	4.31	4.52								
Turbidity (NTUs)	123	84.6								
Depth to Water (ft.)	16.10	16.21								

NOTES: Some parameters not stabilizing w/in criteria — collect sample due to decreasing water levels @ min. purge rates. (Consider purging by volume on next sample event?)

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Well No.: MW-2D

(page 1)

Well Development/Purging Log

PROJECT NAME: Columbia Mills

PROJECT NUMBER: 0266-363

DATE: 8/7/07

SAMPLERS: KJR/JN

PURGE METHOD: Low Flow (Peristaltic Pump)

SAMPLE METHOD: Low Flow

1. Photoionization Detector at Wellhead (ppm)

0.0

2. Total Casing and Screen Length (ft.)

27.28

3. Casing Internal Diameter (in.)

2

4. Product Level Below Top of Casing (ft.)

N/A

5. Water Level Below Top of Casing (ft.)

14.02

6. Volume of Water in Casing (gal.)*

2.25

7. Volume of Water in Annulus/Sandpack (gal.)*

8. Total Well Volume (gal.)

27.28
14.02
13.26
1.72
92.82
132.60
225.42

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$ $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED											
Gallons	0					18.						
Time (24 hr. clock)	11:30	12:19	12:25	12:31	12:36	12:42	12:46	12:52	12:57	13:02	13:08	
pH (s.u.)	7.51	7.61	7.62	7.63	7.63	7.64	7.65	7.66	7.66	7.64	7.63	
Temperature (°C)	14.03	14.60	14.83	14.79	14.77	14.71	14.70	15.07	14.62	14.99	15.03	
Conductivity (mS/cm)	.766	3.67	2.46	1.88	2.19	1.78	1.76	2.65	3.74	3.98	3.40	
Eh (mV)	65	52	36	30	27	27	32	38	43	46	46	
Dissolved Oxygen (mg/l)	4.13	0.00	0.00	0.00	0.00	0.00	0.00	0.55	1.08	1.00	.85	
Turbidity (NTUs)	10.8	9.1	7.5	9.5	10.7	13.4	11.2	12.1	12.4	23.1	64.1	
Depth to Water (ft.)	15.65	16.14	17.20	17.80	17.84	18.21	18.50	18.89	19.29	19.53	19.83	

NOTES: 125 ml/m - purging rate

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Well No.: MW-2D

(Page 2)

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: KJR/JN

PURGE METHOD:

SAMPLE METHOD:

1. Photoionization Detector at Wellhead (ppm)
2. Total Casing and Screen Length (ft.)
3. Casing Internal Diameter (in.)
4. Product Level Below Top of Casing (ft.)
5. Water Level Below Top of Casing (ft.)
6. Volume of Water in Casing (gal.)*
7. Volume of Water in Annulus/Sandpack (gal.)*
8. Total Well Volume (gal.)

(Continued from
Page 1)

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$
 $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	+2.5 ACCUMULATED VOLUME PURGED									
Gallons	28		≤3g.							
Time (24 hr. clock)	1313	1319	1324							
pH (s.u.)	7.63	7.65	7.64							
Temperature (°C)	14.98	15.18	15.31							
Conductivity (mS/cm)	3.68	3.93	3.78							
Eh (mV)	47	53	49							
Dissolved Oxygen (mg/l)	0.84	1.02	.65							
Turbidity (NTUs)	107	27.4	30.1							
Depth to Water (ft.)	20.34	20.5	20.85							

NOTES: @1315, keep pump running, disconnect from Horiba to rise for TURB
 -TURB going up, water appearance remains clear - TURB reading back down.
 1325 Collect sample (before water drops below top of screen)

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Well No.: MW-38

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: KOR/JNPURGE METHOD: Low Flow (Peristaltic Pump) → no recharge, purge to drynessSAMPLE METHOD: Low Flow (Peristaltic Pump) K1 & 8/7/07 (See page 2 of 2)

1. Photoionization Detector at Wellhead (ppm)
2. Total Casing and Screen Length (ft.)
3. Casing Internal Diameter (in.)
4. Product Level Below Top of Casing (ft.)
5. Water Level Below Top of Casing (ft.)
6. Volume of Water in Casing (gal.)*
7. Volume of Water in Annulus/Sandpack (gal.)*
8. Total Well Volume (gal.)

0.0	
17.78	
2	
N/A	
6.36	
1.94	

17.78
- 6.36
11.42
x .17
1.94

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$
 $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED									
Gallons	0						1.5	2.5		
Time (24 hr. clock)	1401	1405	1410	1415	1420	1427	1432	1447		
pH (s.u.)	7.86	7.85	7.85	7.87	7.88	7.90	7.94	7.89		
Temperature (°C)	16.75	17.21	17.87	18.16	17.91	17.97	17.91	14.70		
Conductivity (mS/cm)	3.10	2.60	5.79	6.65	5.54	5.37	5.07	4.65		
Eh (mV)	74	68	63	58	55	53	53	52		
Dissolved Oxygen (mg/l)	3.62	3.05	2.93	3.23	3.37	3.55	3.82	2.72		
Turbidity (NTUs)	14.4	17.7	31.7	35.8	27.0	50.9	42.4	58.9		
Depth to Water (ft.)	7.68	8.51	9.79	10.90	12.3	13.24	14.06	DRY		

NOTES: Purge rate 125 ml/min (pump won't crank any lower).
 At 1433, increase pumping rate to max (measured @ 700 ml/min)
 to attempt purging by well volume — too much drawdown & parameters not stabilizing.

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

DTW = 17.44 @ 1504
 DTW = 17.35 @ 1552
 DTW = 17.25 @ 1835

⊛ WARNING: Ground-bee nest active near MW-35/MW-3D ⊛

Well No.: MW-38

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/8/07 — Continued from 8/7/07SAMPLERS: K RoePURGE METHOD: Purged to dryness on 8/7/07SAMPLE METHOD: Disposable Bailer (attempt to collect 2 Liters for sample)

1. Photoionization Detector at Wellhead (ppm)
2. Total Casing and Screen Length (ft.)
3. Casing Internal Diameter (in.)
4. Product Level Below Top of Casing (ft.)
5. Water Level Below Top of Casing (ft.)
6. Volume of Water in Casing (gal.)*
7. Volume of Water in Annulus/Sandpack (gal.)*
8. Total Well Volume (gal.)

17.78
2
NA
(See Below)

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$
 $v = 0.0408 ()^2 \times (-) =$ gallons

8/8/07

PARAMETER	DATE	8/7/07	8/7	8/7	8/7	8/8/07	ACCUMULATED VOLUME PURGED						
Gallons Removed		0	2.5	-	-	-							
Time (24 hr. clock)	(14:00) START	14:47	15:52	18:35	10:58								
pH (s.u.)													
Temperature (°C)													
Conductivity (mS/cm)													
Eh (mV)													
Dissolved Oxygen (mg/l)													
Turbidity (NTUs)													
Depth to Water (ft.)		6.36	>17.48	17.35	17.25	17.11							

NOTES: Minimal recharge over 16 hours — collect $\frac{1}{2}$ liter @ 11:10
 into sample container (will ship to lab w/ "Hold for Analysis").
 No water for parameter measurements.

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Well No.: MW-3D

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: KOR/JNPURGE METHOD: Low-Flow (Peristaltic Pump) → no recharge → purge to "dryness"SAMPLE METHOD: (See page 2 of 2)

1. Photoionization Detector at Wellhead (ppm)
2. Total Casing and Screen Length (ft.)
3. Casing Internal Diameter (in.)
4. Product Level Below Top of Casing (ft.)
5. Water Level Below Top of Casing (ft.)
6. Volume of Water in Casing (gal.)*
7. Volume of Water in Annulus/Sandpack (gal.)*
8. Total Well Volume (gal.)

0.0
26.70
2
N/A
8.11
3.16

26.70
8.11
18.59
.17
3.16

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$ $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED							
Gallons	0	0.3	1	2	3	3.4	3.7	total purged
Time (24 hr. clock)	1509	1515	1530	1536	1543	1548	1550	
pH (s.u.)	8.32	8.05	7.97	8.03	8.02	7.97		
Temperature (°C)	14.47	14.36	15.62	13.47	12.75	12.55		
Conductivity (mS/cm)	4.53	1.46	2.82	1.12	1.16	1.20		
Eh (mV)	6	-49	-7	11	-8	-80	-1	
Dissolved Oxygen (mg/l)	1.44	0.00	0.96	3.21	0.89	0.52		
Turbidity (NTUs)	5.5	11.6	29.6	46.2	67.9	68.1	✓	
Depth to Water (ft.)	9.05	11.02	14.92	19.65	24.69	25.35	26.38	

NOTES: Set purge rate @ 125 ml/min (lowest pump will crank).
At 1531, crank pump up to max purging rate (limited by pump/tubing).
due to drawdown/not good well for low-flow.

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

DW = 26.38 @ 1550
DW = 25.82 @ 1840

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

⊗ WARNING: Ground-bee nest active near MW-3S/MW-3D ⊗

Well No.: MW-3D

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/8/07 → Continued from 8/7/07SAMPLERS: K. RoePURGE METHOD: Attempt Low-Flow w/ Per Pump → no recharge → purge to near dry on 8/7/07.SAMPLE METHOD: Attempt with Disposable Bailer - collect total of 3/4 of 1 Liter

1. Photoionization Detector at Wellhead (ppm)
2. Total Casing and Screen Length (ft.)
3. Casing Internal Diameter (in.)
4. Product Level Below Top of Casing (ft.)
5. Water Level Below Top of Casing (ft.)
6. Volume of Water in Casing (gal.)*
7. Volume of Water in Annulus/Sandpack (gal.)*
8. Total Well Volume (gal.)

26.70

2

NA

(See below)

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$

$v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	DATE	8/7/07	8/7	8/7	8/8	ACCUMULATED VOLUME PURGED					
Gallons Removed		0	3.7	-	-						
Time (24 hr. clock)		15:05	15:50	18:40	11:00						
pH (s.u.)	(STATIC)	↓	↓	↓	↓						
Temperature (°C)		↓	↓	↓	↓						
Conductivity (mS/cm)		↓	↓	↓	↓						
Eh (mV)		↓	↓	↓	↓						
Dissolved Oxygen (mg/l)		↓	↓	↓	↓						
Turbidity (NTUs)		↓	↓	↓	↓						
Depth to Water (ft.)		8.11	26.38	25.82	25.71						

NOTES: Minimal recharge in over 16 hours → collect 3/4 of a liter @ 11:20.
 into sample container (ship to lab w/ "HOLD FOR ANALYSIS").
 No water for parameter measurements.

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

TYPICAL FIELD PURGE LOG

NYSDEC/Columbia Mills/Site No. 7-38-012
 Work Assignment D004443-7

Malcolm Pirnie, Inc.

FIGURE

Well No.: MW-4S

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: K Roe / J NatalePURGE METHOD: Low-Flow (w/ Peristaltic Pump)SAMPLE METHOD: Low-flow (Peri-Pump)

1. Photoionization Detector at Wellhead (ppm) 0.0
2. Total Casing and Screen Length (ft.) 14.00
3. Casing Internal Diameter (in.) 2
4. Product Level Below Top of Casing (ft.) —
5. Water Level Below Top of Casing (ft.) 12.24
6. Volume of Water in Casing (gal.)*
7. Volume of Water in Annulus/Sandpack (gal.)*
8. Total Well Volume (gal.)

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$
 $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED									
Gallons	0		0.5	1.0		1.5	2.0	2.5		
Time (24 hr. clock)	0854	0859	0904	0909	0915	9:21	0927	0934		
pH (s.u.)	7.29	7.02	6.99	7.04	7.03	7.02	7.03	7.03		
Temperature (°C)	15.55	15.78	16.14	16.12	16.27	16.51	16.92	17.20		
Conductivity (mS/cm)	7.07	3.23	2.53	2.07	1.39	1.35	1.30	1.23		
Eh (mV)	1	-127	-136	-147	-147	-148	-148	-148		
Dissolved Oxygen (mg/l)	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Turbidity (NTUs)	6.1	3.9	9.3	12.7	24.3	26.7	11.4	13.8 11.8		
Depth to Water (ft.)	13.2	13.4	13.4	13.42	13.47	13.47	13.47	13.50		

NOTES: Initial purge rate 350 ml/min - reduce to 175-150 ml/min
 Sample @ 9:35am (F/R 150 ml/min)

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

Well No.: MW-4D

Well Development/Purging Log

PROJECT NAME: Columbia MillsPROJECT NUMBER: 0266-363DATE: 8/7/07SAMPLERS: K. Roe / J. NatalePURGE METHOD: Low-Flow (w/ Peristaltic Pump)SAMPLE METHOD: Low Flow (Peri Pump)

1. Photoionization Detector at Wellhead (ppm) 0.0
2. Total Casing and Screen Length (ft.) 26.95
3. Casing Internal Diameter (in.) 2
4. Product Level Below Top of Casing (ft.) NA
5. Water Level Below Top of Casing (ft.) 11.47
6. Volume of Water in Casing (gal.)* _____
7. Volume of Water in Annulus/Sandpack (gal.)* _____
8. Total Well Volume (gal.) _____

Casing Volume: $v = 0.0408 (\#3)^2 \times (\#2 - \#5) = \#6$
 $v = 0.0408 ()^2 \times (-) =$ gallons

PARAMETER	ACCUMULATED VOLUME PURGED									
Gallons	0									
Time (24 hr. clock)	0941	0945	0946	0953	0959	1004	1010	1015	10:20	10:25
pH (s.u.)	7.78	7.88	7.85	7.82	7.76	7.73	7.70	7.68	7.69	7.69
Temperature (°C)	14.42	14.89	14.63	14.83	14.73	15.00	14.91	15.22	15.34	15.48
Conductivity (mS/cm)	1.74	1.55	1.35	1.29	1.20	1.22	1.20	1.20	1.19	1.18
Eh (mV)	-142	-132	-144	-152	-160	-161	-163	-165	-167	-168
Dissolved Oxygen (mg/l)	3.63	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Turbidity (NTUs)	2.0	1.7	1.3	1.4	7.8	20.6	31.4	38.4	42.2	43.1
Depth to Water (ft.)	12.17	12.22	12.26	12.27	12.29	12.30	12.32	12.22	12.19	12.19

NOTES: Purge rate 150 ml/min after initial fill of flow through cell.

Samples @ 10:25am

MS, MSD, MW-DPE (also collected)

Constants for Calculating Borehole and Well Water Volumes						
Well Diameter	1"	2"	3"	4"	5"	6"
Casing Volume (gal/linear ft)	0.04	0.17	0.38	0.66	1.04	1.50
Annulus/Sandpack Volume (gal/linear ft)*	0.43	0.73	1.11	1.57	1.76	1.96

*Calculate Total Well Volume by adding Casing Volume (for total water column), and Annulus/Sandpack Volume (for saturated length of screen to maximum of 10 feet). Assumptions include 30% sandpack porosity and 10 feet of well screen.

APPENDIX D

Analytical Data Packages

ANALYTICAL REPORT

Job Number: 220-2382-1

SDG Number: 220-2382

Job Description: NYSDEC Standby - Columbia Mills

For:
Malcolm Pirnie, Inc.
43 British American Boulevard
1st Floor
Latham, NY 12110

Attention: Mr. Bruce Nelson



Designee for
Jill M Duhancik
Project Manager I
jill.duhancik@testamericainc.com
08/21/2007

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

Case Narrative For Job: 220-J2382-1

Client: Malcolm Pirnie, Inc.
Date: August 21, 2007

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

A handwritten signature in cursive script that reads "Peter Frick". The signature is written in dark ink and is positioned above a horizontal line.

Peter Frick
Laboratory Director

August 21, 2007

Date

Job Narrative
220-J2382-1

Comments

No additional comments.

Receipt

One of the one liter amber containers for the following sample(s) was received broken : MW-4D and MW-2D.

Sample MW-3S was received in a one liter amber container with 500 ml volume, while sample MW-3D was received in a one liter container with 750 ml volume. Client was contacted and authorization was given to extract for PCB's at a reduced volume.

All other samples were received in good condition within temperature requirements.

GC Semi VOA

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

$$\frac{(AX)(IS)(DF)}{(AIS)(RRF)(V)(\% \text{ solids})} = C$$

$$\frac{(AX)(IS)(VT)(1000)(DF)}{(AIS)(RRF)(VA)(V)(\% \text{ solids})} = C \quad (\text{for medium level soils})$$

SemiVolatiles

$$\frac{(AX)(IS)(VE)(DF)(\text{GPC factor is 2 if needed})}{(AIS)(RRF)(\text{volume injected})(V)(\% \text{ solids})} = C$$

Pesticides

$$\frac{(AX)(VE)(DF)}{(RRF)(V)(\% \text{ solids})(\text{volume injected})} = C$$

PCBs for compound/retention time

$$\frac{(AX)(VE)(DF)}{(RRF \text{ of compound at the stated retention time})(V)(\% \text{ solids})(\text{volume injected})} = C$$

DRO/CTETPH

$$\frac{(AX)(VE)(DF)}{(RRF)(V)(\% \text{ solids})(\text{volume injected})} = C$$

AX = area of the target Ion

AIS = Area of Internal standard

C = concentration as ug/L or ug/Kg

DF = dilution

IS = Internal standard concentration (ng)

RRF = average RF (from initial cal except CLP methods from continuing cal)

V = sample volume for liquids in mls or sample weight for solids in grams

VA = volume of aliquot for medium level soils

VE = volume of concentrated extract

VT = volume of methanol for volatile medium level soils

METHOD SUMMARY

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL CT	SW846 8082	
Separatory Funnel Liquid-Liquid Extraction	TAL CT		SW846 3510C

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Method	Analyst	Analyst ID
SW846 8082	Jonas, Stephan	SJ
SW846 8082	Maturo, Kim	KM

SAMPLE SUMMARY

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-2382-1	MW-DUPE	Water	08/07/2007 0000	08/09/2007 0940
220-2382-2	MW-4S	Water	08/07/2007 0935	08/09/2007 0940
220-2382-3	MW-4D	Water	08/07/2007 1025	08/09/2007 0940
220-2382-4	MW-2S	Water	08/07/2007 1200	08/09/2007 0940
220-2382-5	MW-2D	Water	08/07/2007 1325	08/09/2007 0940
220-2382-6	MW-1S	Water	08/07/2007 1710	08/09/2007 0940
220-2382-7	MW-1D	Water	08/07/2007 1815	08/09/2007 0940
220-2382-8	MW-3S	Water	08/08/2007 1110	08/09/2007 0940
220-2382-9	MW-3D	Water	08/08/2007 1120	08/09/2007 0940

SAMPLE RESULTS

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-DUPE

Lab Sample ID: 220-2382-1

Date Sampled: 08/07/2007 0000

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8533	Lab File ID:	D4639293.d
Dilution:	1.0		Initial Weight/Volume:	900 mL
Date Analyzed:	08/10/2007 1120		Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.063	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.090	0.56
PCB-1242	0.56	U	0.080	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.10	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	100	53 - 144
DCB Decachlorobiphenyl	81	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-4S

Lab Sample ID: 220-2382-2

Date Sampled: 08/07/2007 0935

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8533	Lab File ID:	D4639294.d
Dilution:	1.0		Initial Weight/Volume:	890 mL
Date Analyzed:	08/10/2007 1138		Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.064	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.091	0.56
PCB-1242	0.56	U	0.081	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.11	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	102	53 - 144
DCB Decachlorobiphenyl	108	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-4D

Lab Sample ID: 220-2382-3

Date Sampled: 08/07/2007 1025

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8533	Lab File ID:	D4639295.d
Dilution:	1.0		Initial Weight/Volume:	820 mL
Date Analyzed:	08/10/2007 1155		Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.61	U	0.070	0.61
PCB-1221	1.2	U	0.13	1.2
PCB-1232	0.61	U	0.099	0.61
PCB-1242	0.61	U	0.088	0.61
PCB-1248	0.61	U	0.073	0.61
PCB-1254	0.61	U	0.11	0.61
PCB-1260	0.61	U	0.029	0.61

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	97	53 - 144
DCB Decachlorobiphenyl	101	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-2S

Lab Sample ID: 220-2382-4

Date Sampled: 08/07/2007 1200

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8533	Lab File ID:	D4639296.d
Dilution:	1.0		Initial Weight/Volume:	890 mL
Date Analyzed:	08/10/2007 1213		Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.064	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.091	0.56
PCB-1242	0.56	U	0.081	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.11	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	98	53 - 144
DCB Decachlorobiphenyl	67	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-2D

Lab Sample ID: 220-2382-5

Date Sampled: 08/07/2007 1325

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8533	Lab File ID:	D4639297.d
Dilution:	1.0		Initial Weight/Volume:	890 mL
Date Analyzed:	08/10/2007 1230		Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.064	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.091	0.56
PCB-1242	0.56	U	0.081	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.11	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	98	53 - 144
DCB Decachlorobiphenyl	90	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-1S

Lab Sample ID: 220-2382-6

Date Sampled: 08/07/2007 1710

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8533	Lab File ID:	D4639298.d
Dilution:	1.0		Initial Weight/Volume:	920 mL
Date Analyzed:	08/10/2007 1248		Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.54	U	0.062	0.54
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.54	U	0.088	0.54
PCB-1242	0.54	U	0.078	0.54
PCB-1248	0.54	U	0.065	0.54
PCB-1254	0.54	U	0.10	0.54
PCB-1260	0.54	U	0.026	0.54

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	101	53 - 144
DCB Decachlorobiphenyl	106	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-1D

Lab Sample ID: 220-2382-7

Date Sampled: 08/07/2007 1815

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8533	Lab File ID:	D4639299.d
Dilution:	1.0		Initial Weight/Volume:	920 mL
Date Analyzed:	08/10/2007 1305		Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.54	U	0.062	0.54
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.54	U	0.088	0.54
PCB-1242	0.54	U	0.078	0.54
PCB-1248	0.54	U	0.065	0.54
PCB-1254	0.54	U	0.10	0.54
PCB-1260	0.54	U	0.026	0.54

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	96	53 - 144
DCB Decachlorobiphenyl	97	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-3S

Lab Sample ID: 220-2382-8

Client Matrix: Water

Date Sampled: 08/08/2007 1110

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8634	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8593	Lab File ID:	D4640044.d
Dilution:	1.0		Initial Weight/Volume:	500 mL
Date Analyzed:	08/15/2007 1201		Final Weight/Volume:	5.0 mL
Date Prepared:	08/13/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.40	J M	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.19	J M B	0.024	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	77	53 - 144
DCB Decachlorobiphenyl	64	29 - 156

Method:	8082	Analysis Batch: 220-8634	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8593	Lab File ID:	C4640044.d
Dilution:	1.0		Initial Weight/Volume:	500 mL
Date Analyzed:	08/15/2007 1201		Final Weight/Volume:	5.0 mL
Date Prepared:	08/13/2007 1800		Injection Volume:	
			Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	74	53 - 144
DCB Decachlorobiphenyl	57	29 - 156

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-3D

Lab Sample ID: 220-2382-9

Date Sampled: 08/08/2007 1120

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8634	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8593	Lab File ID:	D4640045.d
Dilution:	1.0		Initial Weight/Volume:	500 mL
Date Analyzed:	08/15/2007 1218		Final Weight/Volume:	5.0 mL
Date Prepared:	08/13/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.50	U	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.50	U	0.024	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	86	53 - 144
DCB Decachlorobiphenyl	66	29 - 156

DATA REPORTING QUALIFIERS

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	M	Manual integrated compound.
	*	Surrogate exceeds the control limit
	B	The analyte was found in an associated blank, as well as in the sample.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 220-8533					
LCS 220-8533/3-A	Lab Control Spike	T	Water	3510C	
MB 220-8533/1-A	Method Blank	T	Water	3510C	
220-2382-1	MW-DUPE	T	Water	3510C	
220-2382-2	MW-4S	T	Water	3510C	
220-2382-3	MW-4D	T	Water	3510C	
220-2382-3MS	Matrix Spike	T	Water	3510C	
220-2382-3MSD	Matrix Spike Duplicate	T	Water	3510C	
220-2382-4	MW-2S	T	Water	3510C	
220-2382-5	MW-2D	T	Water	3510C	
220-2382-6	MW-1S	T	Water	3510C	
220-2382-7	MW-1D	T	Water	3510C	
Analysis Batch:220-8538					
LCS 220-8533/3-A	Lab Control Spike	T	Water	8082	220-8533
MB 220-8533/1-A	Method Blank	T	Water	8082	220-8533
220-2382-1	MW-DUPE	T	Water	8082	220-8533
220-2382-2	MW-4S	T	Water	8082	220-8533
220-2382-3	MW-4D	T	Water	8082	220-8533
220-2382-3MS	Matrix Spike	T	Water	8082	220-8533
220-2382-3MSD	Matrix Spike Duplicate	T	Water	8082	220-8533
220-2382-4	MW-2S	T	Water	8082	220-8533
220-2382-5	MW-2D	T	Water	8082	220-8533
220-2382-6	MW-1S	T	Water	8082	220-8533
220-2382-7	MW-1D	T	Water	8082	220-8533
Prep Batch: 220-8593					
LCS 220-8593/3-A	Lab Control Spike	T	Water	3510C	
MB 220-8593/1-A	Method Blank	T	Water	3510C	
220-2382-8	MW-3S	T	Water	3510C	
220-2382-9	MW-3D	T	Water	3510C	
Analysis Batch:220-8634					
LCS 220-8593/3-A	Lab Control Spike	T	Water	8082	220-8593
MB 220-8593/1-A	Method Blank	T	Water	8082	220-8593
220-2382-8	MW-3S	T	Water	8082	220-8593
220-2382-9	MW-3D	T	Water	8082	220-8593

Report Basis

T = Total

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>DCB1 %Rec</u>	<u>DCB2 %Rec</u>	<u>TCX1 %Rec</u>	<u>TCX2 %Rec</u>
220-2382-1	MW-DUPE	81		100	
220-2382-2	MW-4S	108		102	
220-2382-3	MW-4D	101		97	
220-2382-4	MW-2S	67		98	
220-2382-5	MW-2D	90		98	
220-2382-6	MW-1S	106		101	
220-2382-7	MW-1D	97		96	
220-2382-8	MW-3S	64	57	74	77
220-2382-9	MW-3D	66		86	
220-2382-3 MS	MW-4D	100		99	
220-2382-3 MSD	MW-4D	104		94	
LCS 220-8533/3-A		64		94	
LCS 220-8593/3-A		115	115	166 *	167 *
MB 220-8533/1-A		82		90	
MB 220-8593/1-A		82	82	69	72

<u>Surrogate</u>		<u>Acceptance Limits</u>
DCB	DCB Decachlorobiphenyl	29 - 156
TCX	Tetrachloro-m-xylene	53 - 144

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Method Blank - Batch: 220-8533

Lab Sample ID: MB 220-8533/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 0953
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533
Units: ug/L

Method: 8082 Preparation: 3510C

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639288.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.50	U	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.50	U	0.024	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	90	53 - 144
DCB Decachlorobiphenyl	82	29 - 156

Lab Control Spike - Batch: 220-8533

Lab Sample ID: LCS 220-8533/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1010
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533
Units: ug/L

Method: 8082 Preparation: 3510C

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639289.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.93	99	50 - 122	M
PCB-1260	5.00	4.34	87	52 - 118	M

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	94	53 - 144
DCB Decachlorobiphenyl	64	29 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 220-8533

Method: 8082
Preparation: 3510C

MS Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1323
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639300.d
Initial Weight/Volume: 890 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

MSD Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1340
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639301.d
Initial Weight/Volume: 880 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	101	98	50 - 122	2	30	M	M
PCB-1260	86	89	52 - 118	5	27	M	M

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	99	94	53 - 144
DCB Decachlorobiphenyl	100	104	29 - 156

Matrix Spike/ Matrix Spike Duplicate Data Report - Batch: 220-8533

Method: 8082
Preparation: 3510C

MS Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1323
Date Prepared: 08/09/2007 1800

Units: ug/L

MSD Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1340
Date Prepared: 08/09/2007 1800

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
PCB-1016	0.61	U	2.25	2.27	2.27	M	2.22	M
PCB-1260	0.61	U	2.25	2.27	1.94	M	2.03	M

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Method Blank - Batch: 220-8593

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 220-8593/1-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 08/15/2007 1126

Date Prepared: 08/13/2007 1800

Analysis Batch: 220-8634

Prep Batch: 220-8593

Units: ug/L

Instrument ID: HP 5890 with dual ECD

Lab File ID: D4640042.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10.0 mL

Injection Volume:

Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.50	U	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.038	J M	0.024	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	72	53 - 144
DCB Decachlorobiphenyl	82	29 - 156

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	69	53 - 144
DCB Decachlorobiphenyl	82	29 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Lab Control Spike - Batch: 220-8593

Method: 8082

Preparation: 3510C

Lab Sample ID: LCS 220-8593/3-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 08/15/2007 1143

Date Prepared: 08/13/2007 1800

Analysis Batch: 220-8634

Prep Batch: 220-8593

Units: ug/L

Instrument ID: HP 5890 with dual ECD

Lab File ID: C4640043.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10.0 mL

Injection Volume:

Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.21	84	50 - 122	M
PCB-1260	5.00	3.87	77	52 - 118	M
Surrogate		% Rec		Acceptance Limits	
Tetrachloro-m-xylene		167	*	53 - 144	
DCB Decachlorobiphenyl		115		29 - 156	
Surrogate		% Rec		Acceptance Limits	
Tetrachloro-m-xylene		166	*	53 - 144	
DCB Decachlorobiphenyl		115		29 - 156	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Laboratory Chronicle

Client Samples:

Lab ID: 220-2382-1

Client ID: MW-DUPE

Sample Date/Time: 08/07/2007 0000 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-B-1	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-B-1-A	1	220-8538	220-8533	08/10/2007 1120	1.0	STL CT	KM

Lab ID: 220-2382-2

Client ID: MW-4S

Sample Date/Time: 08/07/2007 0935 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-A-2	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-A-2-A	1	220-8538	220-8533	08/10/2007 1138	1.0	STL CT	KM

Lab ID: 220-2382-3

Client ID: MW-4D

Sample Date/Time: 08/07/2007 1025 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-C-3	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-C-3-A	1	220-8538	220-8533	08/10/2007 1155	1.0	STL CT	KM

Lab ID: 220-2382-3MS

Client ID: MW-4D

Sample Date/Time: 08/07/2007 1025 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-A-3	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-A-3-A MS	1	220-8538	220-8533	08/10/2007 1323	1.0	STL CT	KM

Lab ID: 220-2382-3MSD

Client ID: MW-4D

Sample Date/Time: 08/07/2007 1025 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-B-3	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-B-3-A	1	220-8538	220-8533	08/10/2007 1340	1.0	STL CT	KM

A = Analytical Method P = Prep Method

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Laboratory Chronicle

Client Samples:

Lab ID: 220-2382-4

Client ID: MW-2S

Sample Date/Time: 08/07/2007 1200 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-B-4	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-B-4-A	1	220-8538	220-8533	08/10/2007 1213	1.0	STL CT	KM

Lab ID: 220-2382-5

Client ID: MW-2D

Sample Date/Time: 08/07/2007 1325 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-A-5	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-A-5-A	1	220-8538	220-8533	08/10/2007 1230	1.0	STL CT	KM

Lab ID: 220-2382-6

Client ID: MW-1S

Sample Date/Time: 08/07/2007 1710 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-A-6	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-A-6-A	1	220-8538	220-8533	08/10/2007 1248	1.0	STL CT	KM

Lab ID: 220-2382-7

Client ID: MW-1D

Sample Date/Time: 08/07/2007 1815 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-B-7	1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082	220-2382-B-7-A	1	220-8538	220-8533	08/10/2007 1305	1.0	STL CT	KM

Lab ID: 220-2382-8

Client ID: MW-3S

Sample Date/Time: 08/08/2007 1110 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-A-8	1		220-8593	08/13/2007 1800	1.0	STL CT	SJ
A-8082	220-2382-A-8-A	1	220-8634	220-8593	08/15/2007 1201	1.0	STL CT	SJ

A = Analytical Method P = Prep Method

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Laboratory Chronicle

Client Samples:

Lab ID: 220-2382-9

Client ID: MW-3D

Sample Date/Time: 08/08/2007 1120 Received Date/Time: 08/09/2007 0940

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C	220-2382-A-9	1		220-8593	08/13/2007 1800	1.0	STL CT	SJ
A-8082	220-2382-A-9-A	1	220-8634	220-8593	08/15/2007 1218	1.0	STL CT	SJ

Lab ID: MB

Client ID: MB

Sample Date/Time: NA

Received Date/Time: NA

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C		1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082		1	220-8538	220-8533	08/10/2007 0953	1.0	STL CT	KM
P-3510C		1		220-8593	08/13/2007 1800	1.0	STL CT	SJ
A-8082		1	220-8634	220-8593	08/15/2007 1126	1.0	STL CT	SJ

Lab ID: LCS

Client ID: LCS

Sample Date/Time: NA

Received Date/Time: NA

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P-3510C		1		220-8533	08/09/2007 1800	1.0	STL CT	KM
A-8082		1	220-8538	220-8533	08/10/2007 1010	1.0	STL CT	KM
P-3510C		1		220-8593	08/13/2007 1800	1.0	STL CT	SJ
A-8082		1	220-8634	220-8593	08/15/2007 1143	1.0	STL CT	SJ

A = Analytical Method P = Prep Method

MISCELLANEOUS DOCUMENTS

"PASSED RAD SCREEN"

STL Connecticut

103 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

Cooler
1 of 2

2382

Client Information		Lab PM		Carrier Tracking No.		COC No	
Client Contact Ms. Kelly Roe / Jeremy Wycoff Company Malcolm Pirnie, Inc.		Dubauskas, Jonanna E-Mail jdubauskas@stl-inc.com		REDEX TRK # 8592 0661614D		220-730.1 Page 1 of 2 STL Job #	
Address 43 British American Boulevard 1st Floor City Latham State Zip NY 12110		Due Date Requested: TAT Requested (days): Standard / per contract		Analysis Requested		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Phone 315-465-4667 (FAX) 672-3061 / 315-382-4934 Email krooe@pirnie.com Project Name NYSDEC Standby - Columbia Mills Site Columbia Mills, Minetto, NY		PO # Proj. # 0266363-2 WO # Contract D004443.7 Project # 22000762 SSOW#		Total Number of Containers		Special Instructions/Note: 1 ALL amide broken 8/9	
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PCB (8082/350C)
MW-DUPE	08/07/07	—	G	W	N	N	X
MW-4S	08/07/07	0935	G	W	N	N	X
MW-4D	08/07/07	1025	G	W	N	N	X
MW-4D (MS)	08/07/07	1025	G	W	N	N	X
MW-4D (MSD)	08/07/07	1025	G	W	N	N	X
MW-2S	08/07/07	1200	G	W	N	N	X
MW-2D	08/07/07	1325	G	W	N	N	X
MW-1S	08/07/07	1710	G	W	N	N	X
MW-1D	08/07/07	1815	G	W	N	N	X
MW-3S	08/08/07	1110	G	W	N	N	X
MW-3D	08/08/07	1120	G	W	N	N	X
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☒ Poison B ☐ Unknown ☐ Radiological							
Deliverable Requested: I, II, III, IV, Other (specify) Per Contract							
Empty Kit Relinquished by:							
Relinquished by: Kelly S. Roe / Kelly S. Roe Date/Time: 08/08/07 / 14:00 Company: MPI Relinquished by: _____ Date/Time: _____ Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____							
Custody Seals Intact: _____ Yes No Cooler Temperature(s) °C and Other Remarks: 4.6 °C @ 4.8 °C							

STL

GC-GC/MS Extract Chain of Custody

Fraction: BNA / Pesticide-PCB / Herbicide / O/P Pesticide / DRO / Other
(Circle one)CLIENT: Alcolum PirnieJOB NO: 220-2382

SAMPLE IN (Extractions)					SAMPLE IN (Extractions)				
Sample(s)	Date	Time	Sign.	Location	Sample(s)	Date	Time	Sign.	Location
1-7	8/9	2:12	<i>[Signature]</i>	60					
8,9	8/14	10:14	<i>[Signature]</i>	60					

SAMPLE OUT					SAMPLE IN			
Sample(s)	Date	Time	Code	Sign.	Date	Time	Location	Sign.
1-7	8/10/07	10:00	AN	<i>[Signature]</i>	8/10/07	10:30	60	<i>[Signature]</i>
8,9	08/15	10:30	AN	SS	08/15	10:40	60	SS

Codes: SC = Screening

AN = Analysis

Verified By: *M. Scingay*Date: 08/17/07

Lab Form: SMF01201.CT

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Login Number: 2382

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	#03 & #05 1 amber each was recd broken
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	#08 & #09 recd 1 amber each that is half full
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

PCB DATA

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>DCB1 %Rec</u>	<u>DCB2 %Rec</u>	<u>TCX1 %Rec</u>	<u>TCX2 %Rec</u>
220-2382-1	MW-DUPE	81		100	
220-2382-2	MW-4S	108		102	
220-2382-3	MW-4D	101		97	
220-2382-4	MW-2S	67		98	
220-2382-5	MW-2D	90		98	
220-2382-6	MW-1S	106		101	
220-2382-7	MW-1D	97		96	
220-2382-8	MW-3S	64	57	74	77
220-2382-9	MW-3D	66		86	
220-2382-3 MS	MW-4D	100		99	
220-2382-3 MSD	MW-4D	104		94	
LCS 220-8533/3-A		64		94	
LCS 220-8593/3-A		115	115	166 *	167 *
MB 220-8533/1-A		82		90	
MB 220-8593/1-A		82	82	69	72

<u>Surrogate</u>		<u>Acceptance Limits</u>
DCB	DCB Decachlorobiphenyl	29 - 156
TCX	Tetrachloro-m-xylene	53 - 144

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1
Sdg Number: 220-2382

Method Blank - Batch: 220-8533

Method: 8082
Preparation: 3510C

Lab Sample ID: MB 220-8533/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 0953
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533
Units: ug/L

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639288.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.50	U	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.50	U	0.024	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	90	53 - 144
DCB Decachlorobiphenyl	82	29 - 156

Lab Control Spike - Batch: 220-8533

Method: 8082
Preparation: 3510C

Lab Sample ID: LCS 220-8533/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1010
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533
Units: ug/L

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639289.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.93	99	50 - 122	M
PCB-1260	5.00	4.34	87	52 - 118	M

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	94	53 - 144
DCB Decachlorobiphenyl	64	29 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Lab Control Spike - Batch: 220-8593

Method: 8082

Preparation: 3510C

Lab Sample ID: LCS 220-8593/3-A

Client Matrix: Water

Dilution: 1.0

Date Analyzed: 08/15/2007 1143

Date Prepared: 08/13/2007 1800

Analysis Batch: 220-8634

Prep Batch: 220-8593

Units: ug/L

Instrument ID: HP 5890 with dual ECD

Lab File ID: C4640043.d

Initial Weight/Volume: 1000 mL

Final Weight/Volume: 10.0 mL

Injection Volume:

Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.21	84	50 - 122	M
PCB-1260	5.00	3.87	77	52 - 118	M

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	167 *	53 - 144
DCB Decachlorobiphenyl	115	29 - 156

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	166 *	53 - 144
DCB Decachlorobiphenyl	115	29 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica Connecticut

Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 220-8533

Method: 8082

Preparation: 3510C

MS Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1323
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639300.d
Initial Weight/Volume: 890 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

MSD Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1340
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639301.d
Initial Weight/Volume: 880 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	101	98	50 - 122	2	30	M	M
PCB-1260	86	89	52 - 118	5	27	M	M

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	99	94	53 - 144
DCB Decachlorobiphenyl	100	104	29 - 156

Matrix Spike/

Matrix Spike Duplicate Data Report - Batch: 220-8533

Method: 8082

Preparation: 3510C

MS Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1323
Date Prepared: 08/09/2007 1800

Units: ug/L

MSD Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1340
Date Prepared: 08/09/2007 1800

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	0.61	U	2.25	2.27	2.27 M	2.22 M
PCB-1260	0.61	U	2.25	2.27	1.94 M	2.03 M

Calculations are performed before rounding to avoid round-off errors in calculated results.

INSTRUMENT DETECTION LIMITS

Instrument : HP58904D

RTX-CLPesticides2

04/19/07

	IDL	Quantitation
	ug/L	Limit ug/L
Aroclor-1221	0.407	1.0
Aroclor-1016	0.053	0.50
Aroclor-1232	0.340	0.50
Aroclor-1242	0.177	0.50
Aroclor-1248	0.088	0.50
Aroclor-1254	0.087	0.50
Aroclor-1260	0.077	0.50
Aroclor-1262	0.071	0.50
Aroclor-1268	0.252	0.50

Instrument detection limits are based on a 1000ml Initial Volume and 10ml Final Volume

INSTRUMENT DETECTION LIMITS

Instrument : HP58904C

RTX-CLPesticides

04/19/07

	IDL	Quantitation
	ug/L	Limit ug/L
Aroclor-1221	0.160	1.0
Aroclor-1016	0.049	0.50
Aroclor-1232	0.190	0.50
Aroclor-1242	0.042	0.50
Aroclor-1248	0.038	0.50
Aroclor-1254	0.061	0.50
Aroclor-1260	0.053	0.50
Aroclor-1262	0.065	0.50
Aroclor-1268	0.196	0.50

Instrument detection limits are based on a 1000ml Initial Volume and 10ml Final Volume

FORM 4
8082 METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB 220-8533/1-A

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: MB 220-8533/1-A

Lab File ID: D4639288

Matrix (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N

Date Extracted: 08/09/07

Date Analyzed (1): 08/10/07

Date Analyzed (2):

Time Analyzed (1): 0953

Time Analyzed (2):

Instrument ID (1): HP5890-4

Instrument ID (2):

GC Column (1): RTX-CLPESTICIDESII ID: 0.53(mm) GC Column (2):

ID:

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

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	=====	=====	=====	=====
01	LCS 220-8533	LCS 220-8533/3	08/10/07	
02	MW-DUPE	220-2382-B-1-A	08/10/07	
03	MW-4S	220-2382-A-2-A	08/10/07	
04	MW-4D	220-2382-C-3-A	08/10/07	
05	MW-2S	220-2382-B-4-A	08/10/07	
06	MW-1D	220-2382-A-5-A	08/10/07	
07	MW-1S	220-2382-A-6-A	08/10/07	
08	MW-1D	220-2382-B-7-A	08/10/07	
09	MW-3AMS	220-2382-A-3-A	08/10/07	
10	MW-3AMSD	220-2382-B-3-A	08/10/07	
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

COMMENTS:

MB 220-8593/1-A

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: MB 220-8593/1-A

Lab File ID: C4640042

Matrix (soil/water) WATER

Extraction: (SepF/Cont/Sonc) SEPF

Sulfur Cleanup (Y/N) N

Date Extracted: 08/13/07

Date Analyzed (1): 08/15/07

Date Analyzed (2): 08/15/07

Time Analyzed (1): 1126

Time Analyzed (2): 1126

Instrument ID (1): HP5890-4

Instrument ID (2): HP5890-4

GC Column (1): RTX-CLPESTICIDES ID: 0.53(mm) GC Column (2): RTX-CLPESTICIDESII I

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

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	LCS 220-8593	LCS 220-8593/3	08/15/07	08/15/07
02	MW-3S	220-2382-A-8-A	08/15/07	08/15/07
03	MW-3D	220-2382-A-9-A	08/15/07	08/15/07
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

COMMENTS:

Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-DUPE

Lab Sample ID: 220-2382-1

Client Matrix: Water

Date Sampled: 08/07/2007 0000

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8533	Lab File ID:	D4639293.d
Dilution:	1.0			Initial Weight/Volume:	900 mL
Date Analyzed:	08/10/2007 1120			Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.063	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.090	0.56
PCB-1242	0.56	U	0.080	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.10	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	100	53 - 144
DCB Decachlorobiphenyl	81	29 - 156

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639293.d
Lab Smp Id: 220-2382-B-1-A Client Smp ID: MW-DUPE
Inj Date : 10-AUG-2007 11:20
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-B-1-A
Misc Info : 220-2382-B-1-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	900.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	33416588	0.02002	0.222 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	20950187	0.01616	0.180 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639293.d
Lab Smp Id: 220-2382-B-1-A Client Smp ID: MW-DUPE
Inj Date : 10-AUG-2007 11:20
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-B-1-A
Misc Info : 220-2382-B-1-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

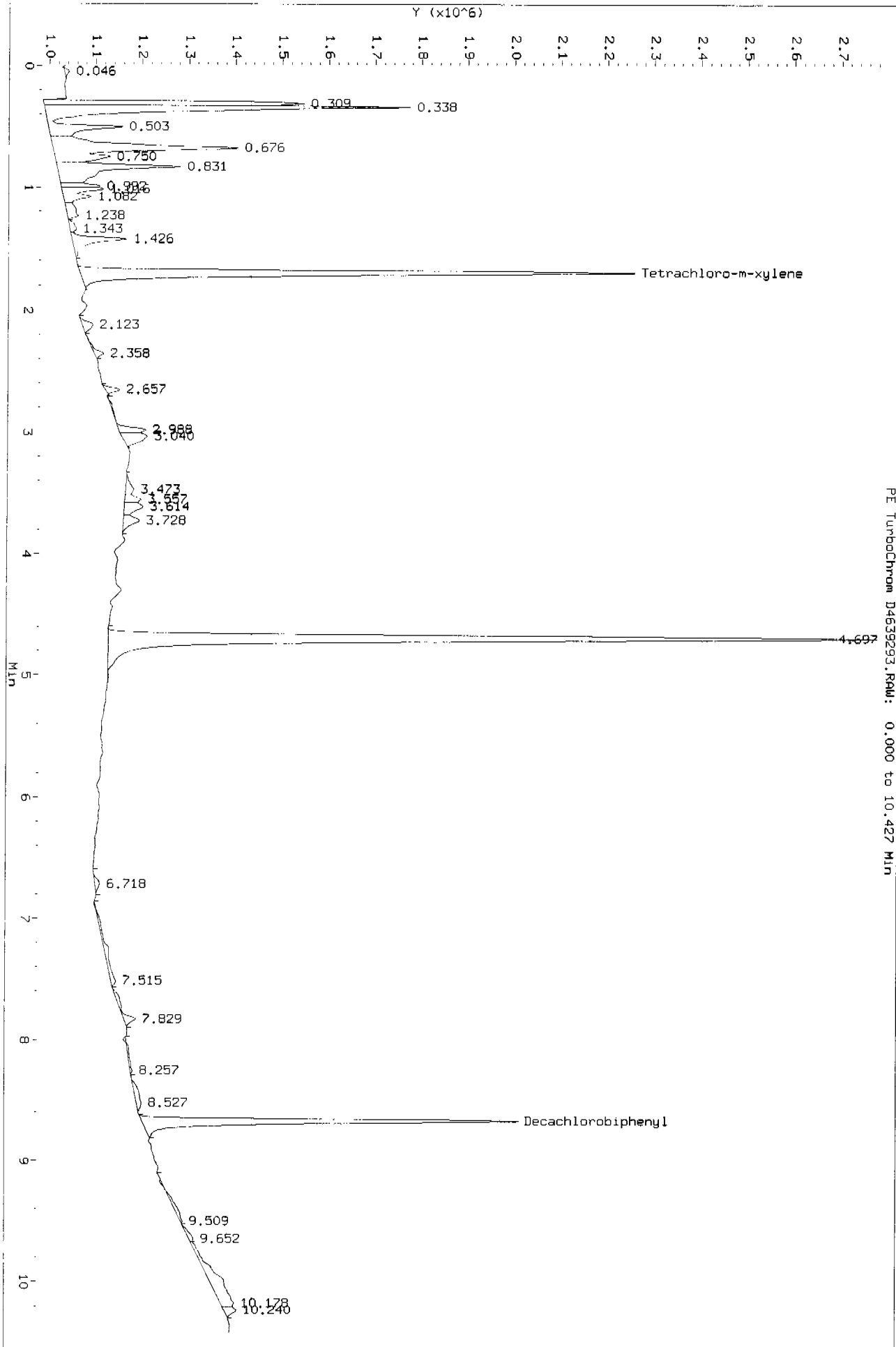
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	900.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.046	250321	10433	0.042	0.1134	
0.309	11140129	559817	0.050	5.0476	
0.338	21644953	787000	0.036	9.8073	
0.503	5225121	159393	0.031	2.3675	
0.676	14635758	397607	0.027	6.6314	
0.750	3929458	119031	0.030	1.7804	
0.831	11071337	266120	0.024	5.0164	
0.992	1518329	84114	0.055	0.6879	
1.016	2092601	90692	0.043	0.9481	
1.082	1780991	60108	0.034	0.8069	
1.238	1470588	23832	0.016	0.6663	
1.343	586128	13968	0.024	0.2655	
1.426	3767498	117952	0.031	1.7070	
1.697	33416588	1191583	0.036	15.1410	\$ 1 Tetrachloro-m-xylene
2.123	929185	22729	0.024	0.4210	
2.358	622850	19284	0.031	0.2822	
2.657	683172	30666	0.045	0.3095	
2.988	1723200	58376	0.034	0.7807	
3.040	2538183	55697	0.022	1.1500	
3.473	980208	17947	0.018	0.4441	
3.557	1087371	35221	0.032	0.4926	
3.614	1805316	40495	0.022	0.8179	
3.728	1556528	35284	0.023	0.7052	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
4.697	61578508	1649531	0.027	27.9029	
6.718	521029	10610	0.020	0.2360	
7.515	1827880	10174	0.006	0.8282	
7.829	1398109	25174	0.018	0.6334	
8.257	415174	4882	0.012	0.1881	
8.527	1271060	10819	0.009	0.5759	
8.673	20950187	808965	0.039	9.4925	\$ 34 Decachlorobiphenyl
9.509	735423	3527	0.005	0.3332	
9.652	486594	8775	0.018	0.2204	
10.178	6071522	29217	0.005	2.7510	
10.240	990050	26300	0.027	0.4485	
=====	=====	=====	=====	=====	
	220701349	6785323		100.000	

Total unknown % area = 75.4

Data File: \\target1.ctfiles\chem\GC\hp5890-4.1\CD4639239.b\CD4639239.d\CD4639239.RAW
Injection Date: 10-AUG-2007 11:20
Instrument: hp5890-4.1
Client Sample ID: MW-DUPE



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-4S

Lab Sample ID: 220-2382-2

Date Sampled: 08/07/2007 0935

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 220-8538

Instrument ID: HP 5890 with dual ECD

Preparation: 3510C

Prep Batch: 220-8533

Lab File ID: D4639294.d

Dilution: 1.0

Initial Weight/Volume: 890 mL

Date Analyzed: 08/10/2007 1138

Final Weight/Volume: 10 mL

Date Prepared: 08/09/2007 1800

Injection Volume:

Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.064	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.091	0.56
PCB-1242	0.56	U	0.081	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.11	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	102	53 - 144
DCB Decachlorobiphenyl	108	29 - 156

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639294.d
Lab Smp Id: 220-2382-A-2-A Client Smp ID: MW-4S
Inj Date : 10-AUG-2007 11:38
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-A-2-A
Misc Info : 220-2382-A-2-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	34108933	0.02044	0.230 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	28068320	0.02165	0.243 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639294.d
Lab Smp Id: 220-2382-A-2-A Client Smp ID: MW-4S
Inj Date : 10-AUG-2007 11:38
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-A-2-A
Misc Info : 220-2382-A-2-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

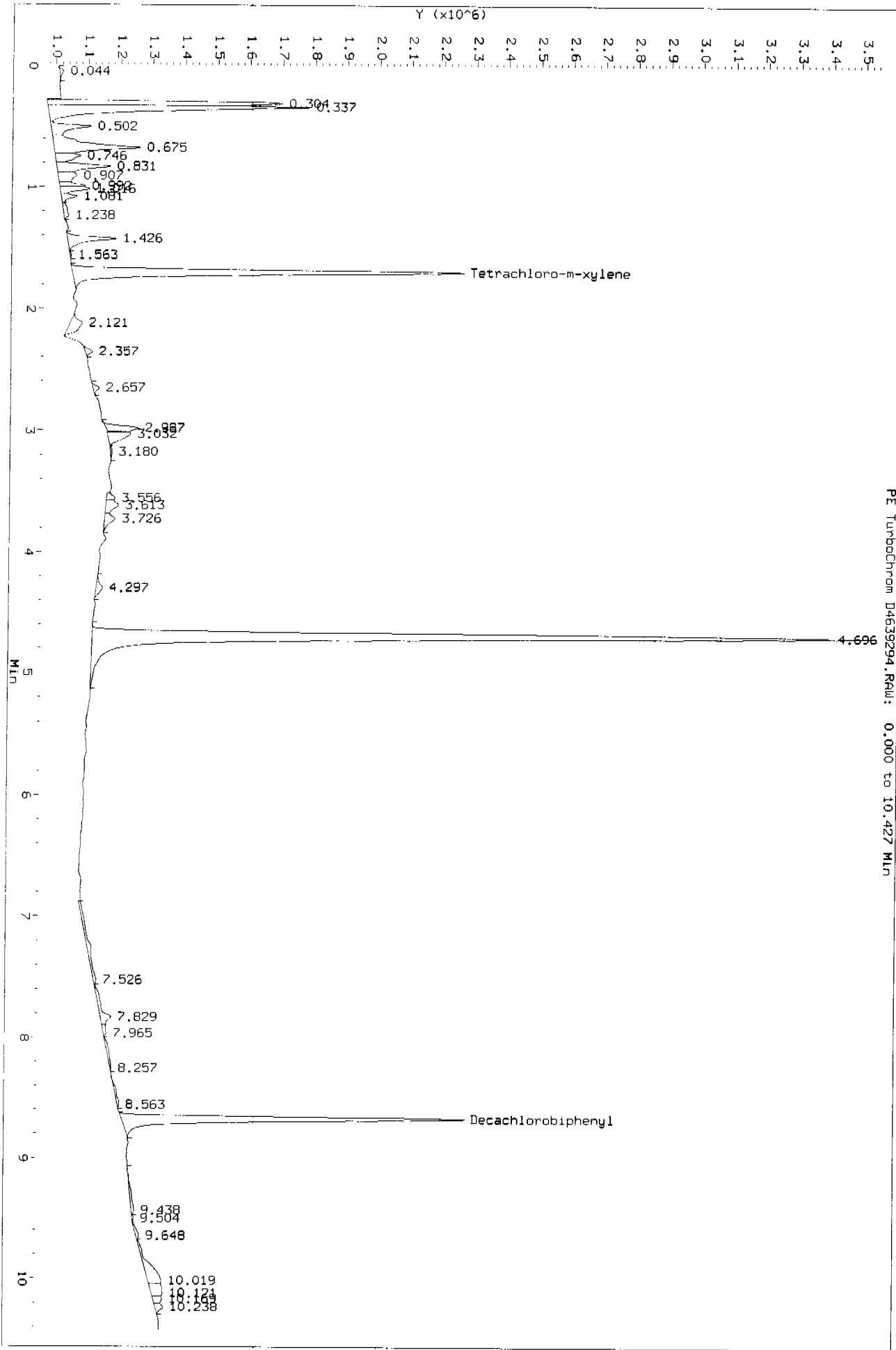
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.044	358542	12616	0.035	0.1402	
0.304	14733182	726382	0.049	5.7631	
0.337	22820952	809016	0.035	8.9268	
0.502	3782242	124089	0.033	1.4794	
0.675	10357070	266887	0.026	4.0513	
0.746	2479098	78676	0.032	0.9697	
0.831	4761323	165438	0.035	1.8624	
0.907	2256184	58547	0.026	0.8825	
0.992	1341166	79388	0.059	0.5246	
1.016	2024681	90936	0.045	0.7919	
1.081	1286303	48604	0.038	0.5031	
1.238	873065	15552	0.018	0.3415	
1.426	4168490	151318	0.036	1.6305	
1.563	104437	4435	0.042	0.0408	
1.695	34108933	1211673	0.036	13.3423	\$ 1 Tetrachloro-m-xylene
2.121	2506331	37688	0.015	0.9803	
2.357	557226	21789	0.039	0.2179	
2.657	514644	19234	0.037	0.2013	
2.987	2660786	98308	0.037	1.0408	
3.032	2910262	72668	0.025	1.1384	
3.180	213363	4416	0.021	0.0834	
3.556	728807	26218	0.036	0.2850	
3.613	1774924	38381	0.022	0.6942	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.726	1423584	31846	0.022	0.5568	
4.297	1115543	20199	0.018	0.4363	
4.696	90800770	2420268	0.027	35.5206	
7.526	2731504	8171	0.003	1.0684	
7.829	2364843	32421	0.014	0.9250	
7.965	509891	8275	0.016	0.1994	
8.257	846672	4134	0.005	0.3311	
8.563	679881	5279	0.008	0.2659	
8.673	28068320	1060355	0.038	10.9794	\$ 34 Decachlorobiphenyl
9.438	1062492	8273	0.008	0.4156	
9.504	105430	4410	0.042	0.0412	
9.648	491263	8652	0.018	0.1921	
10.019	4125042	41005	0.010	1.6135	
10.121	2268621	34157	0.015	0.8874	
10.169	828963	27612	0.033	0.3242	
10.238	899338	24011	0.027	0.3517	
	=====	=====		=====	
	255644168	7901327		100.000	

Total unknown % area = 75.7

Data File: \\target1.ctn\files\chem\GC\hp5890-4.1\CD4639239.b\CD4639294.d\CD4639294.RAW
Injection Date: 10-AUG-2007 11:38
Instrument: hp5890-4.1
Client Sample ID: MW-45



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-4D

Lab Sample ID: 220-2382-3

Client Matrix: Water

Date Sampled: 08/07/2007 1025

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8533	Lab File ID:	D4639295.d
Dilution:	1.0			Initial Weight/Volume:	820 mL
Date Analyzed:	08/10/2007 1155			Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.61	U	0.070	0.61
PCB-1221	1.2	U	0.13	1.2
PCB-1232	0.61	U	0.099	0.61
PCB-1242	0.61	U	0.088	0.61
PCB-1248	0.61	U	0.073	0.61
PCB-1254	0.61	U	0.11	0.61
PCB-1260	0.61	U	0.029	0.61

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	97	53 - 144
DCB Decachlorobiphenyl	101	29 - 156

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639295.d
Lab Smp Id: 220-2382-C-3-A Client Smp ID: MW-4D
Inj Date : 10-AUG-2007 11:55
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-C-3-A
Misc Info : 220-2382-C-3-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	820.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	32287336	0.01935	0.236 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	26180982	0.02020	0.246 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639295.d
Lab Smp Id: 220-2382-C-3-A Client Smp ID: MW-4D
Inj Date : 10-AUG-2007 11:55
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-C-3-A
Misc Info : 220-2382-C-3-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

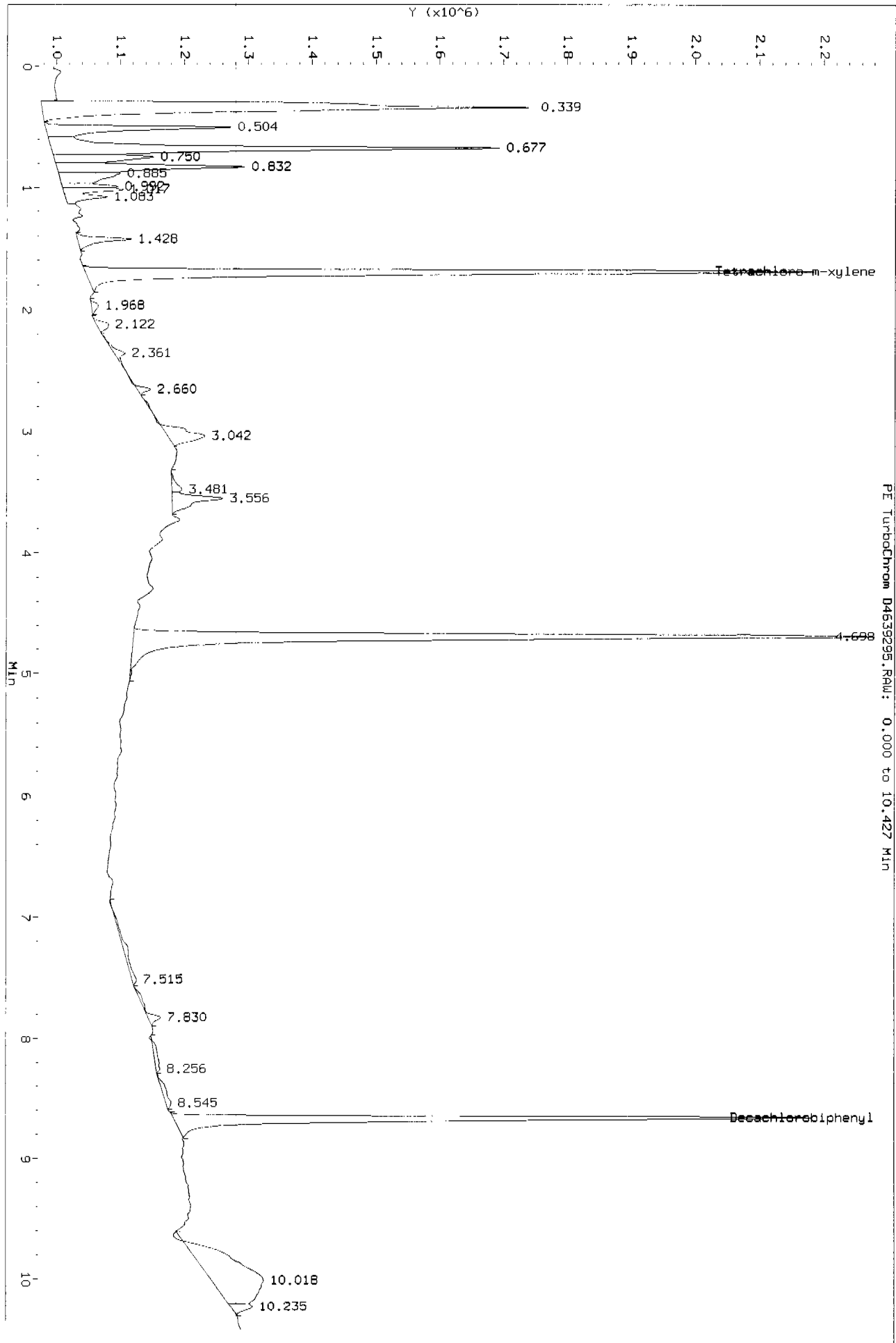
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	820.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.339	30679125	774092	0.025	13.9724	
0.504	8038597	290920	0.036	3.6610	
0.677	20561905	702584	0.034	9.3646	
0.750	4966291	156675	0.032	2.2618	
0.832	8440959	294650	0.035	3.8443	
0.885	3960533	96641	0.024	1.8037	
0.992	1582728	87589	0.055	0.7208	
1.017	2079133	94645	0.046	0.9469	
1.083	1779565	65567	0.037	0.8104	
1.428	2333442	84904	0.036	1.0627	
1.697	32287336	1139335	0.035	14.7048	\$ 1 Tetrachloro-m-xylen
1.968	413031	10677	0.026	0.1881	
2.122	774131	19456	0.025	0.3525	
2.361	666605	17025	0.026	0.3035	
2.660	556240	20411	0.037	0.2533	
3.042	3399164	57948	0.017	1.5481	
3.481	712608	15619	0.022	0.3245	
3.556	3381873	79418	0.023	1.5402	
4.698	44067693	1158459	0.026	20.0712	
7.515	1338633	6890	0.005	0.6096	
7.830	940482	18816	0.020	0.4283	
8.256	727289	5807	0.008	0.3312	
8.545	889870	7562	0.008	0.4052	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
8.673	26180982	997958	0.038	11.9237	\$ 34 Decachlorobiphenyl
10.018	17551888	80513	0.005	7.9937	
10.235	1259310	33565	0.027	0.5735	
=====	=====	=====	=====	=====	
	219569415	6317726		100.000	

Total unknown % area = 73.4

Data File: \\target1.ctv\files\chem\GC\hp5890-4.1\CD4639239.D\CD4639295.D\CD4639295.RAW
Injection Date: 10-AUG-2007 11:35
Instrument: hp5890-4.1
Client Sample ID: MW-4D



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-2S

Lab Sample ID: 220-2382-4

Client Matrix: Water

Date Sampled: 08/07/2007 1200

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8533	Lab File ID:	D4639296.d
Dilution:	1.0			Initial Weight/Volume:	890 mL
Date Analyzed:	08/10/2007 1213			Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.064	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.091	0.56
PCB-1242	0.56	U	0.081	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.11	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	98	53 - 144
DCB Decachlorobiphenyl	67	29 - 156

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639296.d
Lab Smp Id: 220-2382-B-4-A Client Smp ID: MW-2S
Inj Date : 10-AUG-2007 12:13
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-B-4-A
Misc Info : 220-2382-B-4-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	32722153	0.01961	0.220 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.671	8.695	-0.024	17439210	0.01345	0.151 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639296.d
Lab Smp Id: 220-2382-B-4-A Client Smp ID: MW-2S
Inj Date : 10-AUG-2007 12:13
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-B-4-A
Misc Info : 220-2382-B-4-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

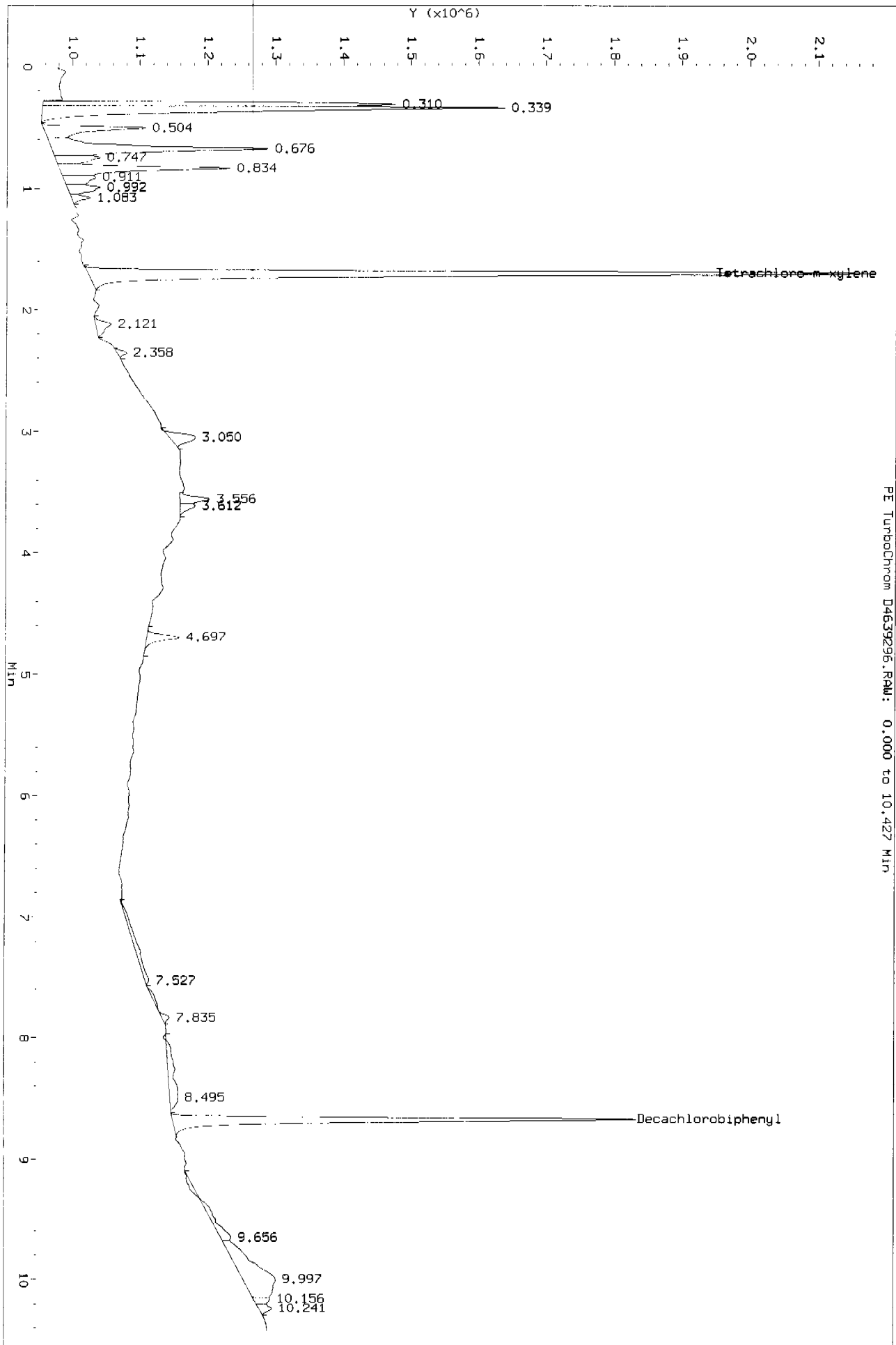
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.310	10214454	520781	0.051	7.8710	
0.339	17549169	685575	0.039	13.5230	
0.504	4447404	151487	0.034	3.4270	
0.676	10882083	319907	0.029	8.3855	
0.747	2150023	66991	0.031	1.6567	
0.834	6664318	252111	0.038	5.1353	
0.911	1774287	48374	0.027	1.3672	
0.992	1755842	49132	0.028	1.3530	
1.083	676572	27937	0.041	0.5213	
1.697	32722153	1161963	0.036	25.2164	\$ 1 Tetrachloro-m-xylen
2.121	1060048	22643	0.021	0.8168	
2.358	354353	14299	0.040	0.2730	
3.050	1676762	37743	0.023	1.2920	
3.556	1349820	43713	0.032	1.0401	
3.612	734608	22327	0.030	0.5660	
4.697	1686499	47574	0.028	1.2995	
7.527	1780702	5886	0.003	1.3721	
7.835	627396	10482	0.017	0.4834	
8.495	2840849	12032	0.004	2.1891	
8.672	17439210	684664	0.039	13.4383	\$ 34 Decachlorobiphenyl
9.656	1256970	14937	0.012	0.9685	
9.997	8704925	47799	0.005	6.7078	
10.156	682061	24307	0.036	0.5255	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
10.241	741760	19098	0.026	0.5715	
	129772267	4291762		100.000	

Total unknown % area = 61.3

Data File: \\target1.cti\files\chem\GC\mp5890-4.1\CD4639239.b\CD4639296.d\CD4639296.RAW
Injection Date: 10-AUG-2007 12:13
Instrument: mp5890-4.1
Client Sample ID: MW-25



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-2D

Lab Sample ID: 220-2382-5

Date Sampled: 08/07/2007 1325

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8533	Lab File ID:	D4639297.d
Dilution:	1.0			Initial Weight/Volume:	890 mL
Date Analyzed:	08/10/2007 1230			Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.56	U	0.064	0.56
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.56	U	0.091	0.56
PCB-1242	0.56	U	0.081	0.56
PCB-1248	0.56	U	0.067	0.56
PCB-1254	0.56	U	0.11	0.56
PCB-1260	0.56	U	0.027	0.56

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	98	53 - 144
DCB Decachlorobiphenyl	90	29 - 156

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639297.d
Lab Smp Id: 220-2382-A-5-A Client Smp ID: MW-1D
Inj Date : 10-AUG-2007 12:30
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-5-A
Misc Info : 220-2382-A-5-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	32626178	0.01955	0.220 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	23360349	0.01802	0.202 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639297.d
Lab Smp Id: 220-2382-A-5-A Client Smp ID: MW-1D
Inj Date : 10-AUG-2007 12:30
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-5-A
Misc Info : 220-2382-A-5-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

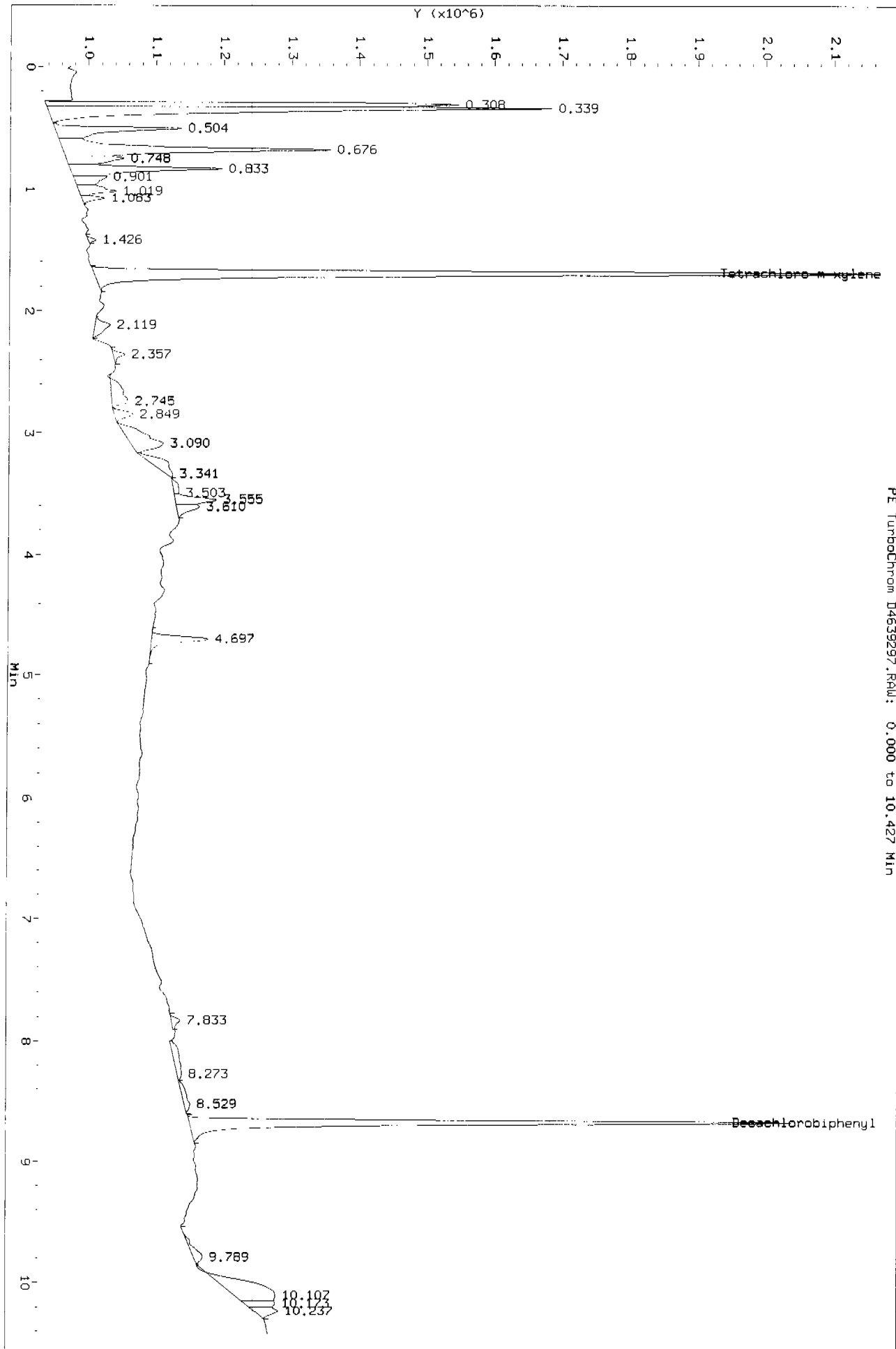
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.308	12272653	610413	0.050	8.1604	
0.339	19264923	748152	0.039	12.8097	
0.504	5554864	187409	0.034	3.6935	
0.676	12937028	395532	0.031	8.6021	
0.748	2729485	85761	0.031	1.8149	
0.833	6442620	224237	0.035	4.2838	
0.901	1672138	48963	0.029	1.1118	
1.019	1892045	55307	0.029	1.2580	
1.083	777505	33683	0.043	0.5169	
1.426	202849	11517	0.057	0.1348	
1.697	32626179	1159741	0.036	21.6956	\$ 1 Tetrachloro-m-xylen
2.119	1175712	22804	0.019	0.7817	
2.357	478788	17531	0.037	0.3183	
2.745	2189455	24243	0.011	1.4558	
2.849	988793	27548	0.028	0.6574	
3.090	4111734	48352	0.012	2.7340	
3.341	1959822	10649	0.005	1.3031	
3.503	516227	7229	0.014	0.3432	
3.555	1933292	60780	0.031	1.2854	
3.610	1185943	33284	0.028	0.7885	
4.697	3044765	83140	0.027	2.0245	
7.833	445737	12449	0.028	0.2963	
8.273	1429843	6770	0.005	0.9507	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.529	946087	8890	0.009	0.6290	
8.673	23360350	887331	0.038	15.5329	\$ 34 Decachlorobiphenyl
9.789	1057888	13343	0.013	0.7034	
10.107	6397122	59600	0.009	4.2536	
10.173	1380128	44279	0.032	0.9176	
10.237	1418360	34946	0.025	0.9431	
	150392334	4963883		100.000	

Total unknown % area = 62.8

Data File: \\target1.ctvFiles\chem\GC\hp5890-4.1\CD4639239.b\CD4639297.d\CD4639297.RAW
Injection Date: 10-AUG-2007 12:30
Instrument: hp5890-4.1
Client Sample ID: MW-1D



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-1S

Lab Sample ID: 220-2382-6

Date Sampled: 08/07/2007 1710

Client Matrix: Water

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8533	Lab File ID:	D4639298.d
Dilution:	1.0			Initial Weight/Volume:	920 mL
Date Analyzed:	08/10/2007 1248			Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.54	U	0.062	0.54
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.54	U	0.088	0.54
PCB-1242	0.54	U	0.078	0.54
PCB-1248	0.54	U	0.065	0.54
PCB-1254	0.54	U	0.10	0.54
PCB-1260	0.54	U	0.026	0.54

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	101	53 - 144
DCB Decachlorobiphenyl	106	29 - 156

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639298.d
Lab Smp Id: 220-2382-A-6-A Client Smp ID: MW-1S
Inj Date : 10-AUG-2007 12:48
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-A-6-A
Misc Info : 220-2382-A-6-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	920.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	33820317	0.02027	0.220 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	27427346	0.02116	0.230 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639298.d
Lab Smp Id: 220-2382-A-6-A Client Smp ID: MW-1S
Inj Date : 10-AUG-2007 12:48
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-6-A
Misc Info : 220-2382-A-6-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

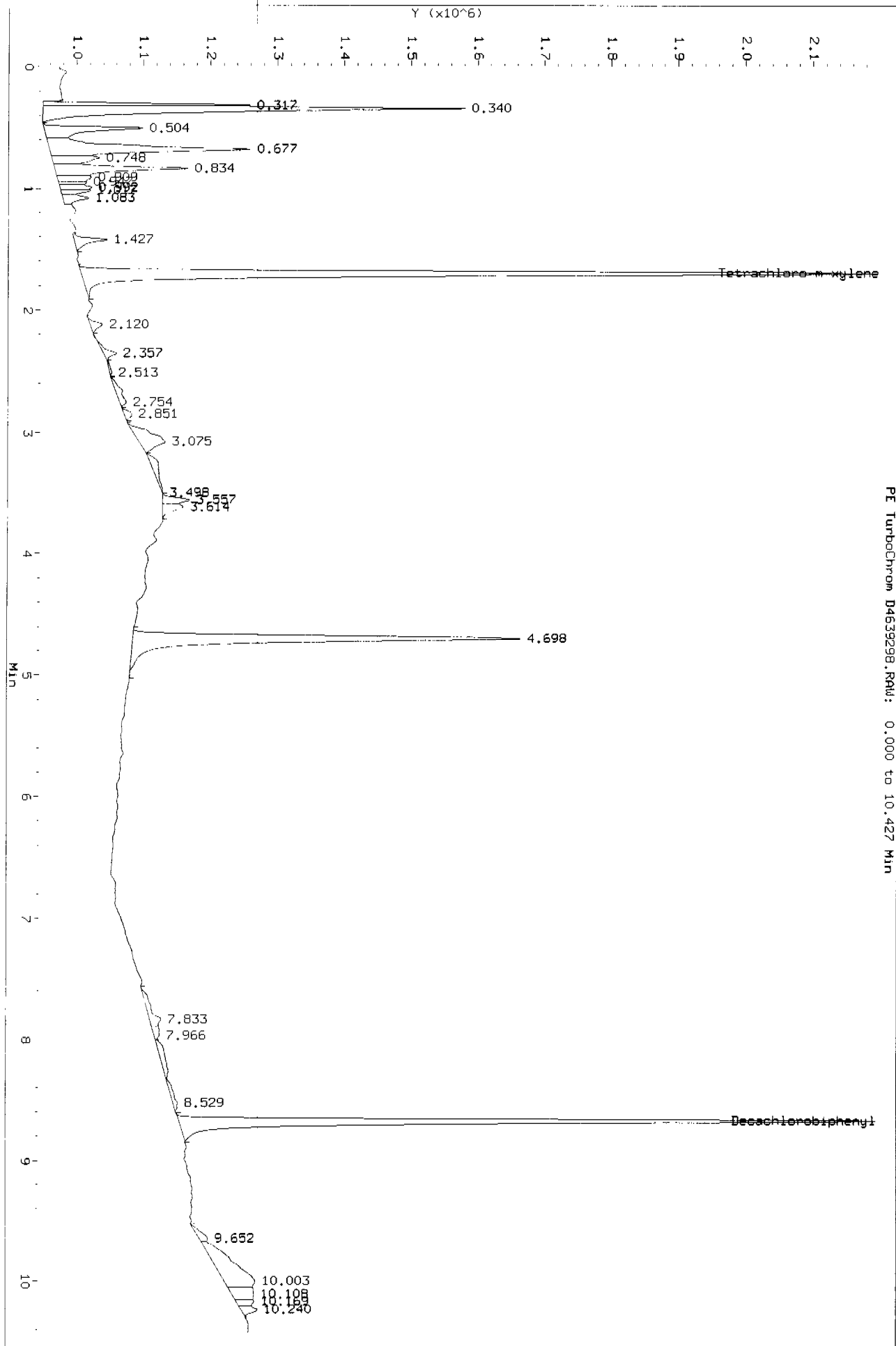
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	920.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.317	4128898	310119	0.075	2.5869	
0.340	16738458	632765	0.038	10.4874	
0.504	4375299	148059	0.034	2.7413	
0.677	10913656	300467	0.028	6.8379	
0.748	2367466	71396	0.030	1.4833	
0.834	5757141	199713	0.035	3.6071	
0.909	1360016	50884	0.037	0.8521	
0.947	692968	42241	0.061	0.4341	
0.992	1007491	47769	0.047	0.6312	
1.017	973470	44446	0.046	0.6099	
1.083	1187820	38829	0.033	0.7442	
1.427	1427970	49830	0.035	0.8946	
1.697	33820317	1182725	0.035	21.1917	\$ 1 Tetrachloro-m-xylen
2.120	597371	18380	0.031	0.3742	
2.357	675685	19331	0.029	0.4233	
2.513	184129	3519	0.019	0.1153	
2.754	977655	9680	0.010	0.6125	
2.851	408727	11386	0.028	0.2560	
3.075	3152207	38797	0.012	1.9750	
3.498	1161696	548	0.000	0.7278	
3.557	1137152	40030	0.035	0.7124	
3.614	1151667	30445	0.026	0.7215	
4.698	22479660	579549	0.026	14.0846	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.833	1503873	16937	0.011	0.9422	
7.966	538246	7912	0.015	0.3372	
8.529	2049639	6870	0.003	1.2841	
8.673	27427346	1040184	0.038	17.1845	\$ 34 Decachlorobiphenyl
9.652	693390	12259	0.018	0.4344	
10.003	7182811	45862	0.006	4.5003	
10.108	1904942	32987	0.017	1.1935	
10.169	765199	26746	0.035	0.4794	
10.240	862027	23727	0.028	0.5401	
	159604389	5084392		100.000	

Total unknown % area = 61.6

Data File: \\target1.ctFiles\chem\6C\mp5890-4.1\CD4639239.b\CD4639298.d\CD4639298.RAW
Injection Date: 10-06-2007 12:48
Instrument: mp5890-4.1
Client Sample ID: MW-15



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-1D

Lab Sample ID: 220-2382-7

Client Matrix: Water

Date Sampled: 08/07/2007 1815

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-8538	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8533	Lab File ID:	D4639299.d
Dilution:	1.0			Initial Weight/Volume:	920 mL
Date Analyzed:	08/10/2007 1305			Final Weight/Volume:	10 mL
Date Prepared:	08/09/2007 1800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.54	U	0.062	0.54
PCB-1221	1.1	U	0.12	1.1
PCB-1232	0.54	U	0.088	0.54
PCB-1242	0.54	U	0.078	0.54
PCB-1248	0.54	U	0.065	0.54
PCB-1254	0.54	U	0.10	0.54
PCB-1260	0.54	U	0.026	0.54

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	96	53 - 144
DCB Decachlorobiphenyl	97	29 - 156

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639299.d
Lab Smp Id: 220-2382-B-7-A Client Smp ID: MW-1D
Inj Date : 10-AUG-2007 13:05
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-B-7-A
Misc Info : 220-2382-B-7-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	920.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
						ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE		(ug/mL)	(ug/L)
=====	=====	=====	=====	=====		=====	=====
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	32017127		0.01919	0.208 (M)
2 Aroclor 1016				Compound Not Detected.			
4 Aroclor 1232				Compound Not Detected.			
5 Aroclor 1221				Compound Not Detected.			
6 Aroclor 1242				Compound Not Detected.			
9 Aroclor 1248				Compound Not Detected.			
14 Aroclor 1254				Compound Not Detected.			
29 Aroclor 1260				Compound Not Detected.			
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	25136222		0.01939	0.211 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639299.d
Lab Smp Id: 220-2382-B-7-A Client Smp ID: MW-1D
Inj Date : 10-AUG-2007 13:05
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-B-7-A
Misc Info : 220-2382-B-7-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

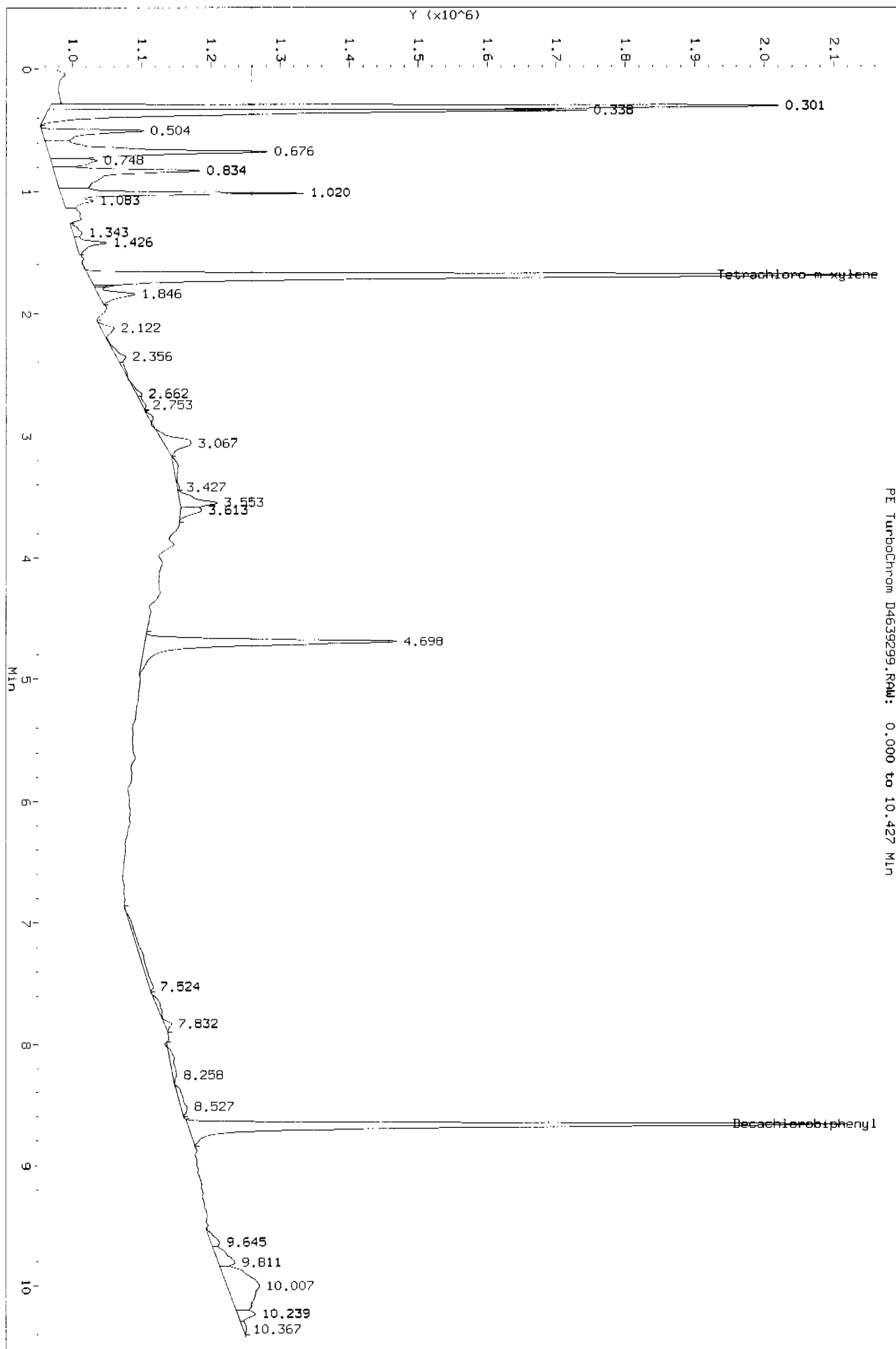
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	920.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.301	21350471	1053641	0.049	12.2519	
0.338	18148206	781423	0.043	10.4143	
0.504	4334847	147990	0.034	2.4875	
0.676	11022576	317429	0.029	6.3252	
0.748	2211435	67396	0.030	1.2690	
0.834	8611445	211442	0.025	4.9416	
1.020	7523064	351572	0.047	4.3170	
1.083	1394349	43681	0.031	0.8001	
1.343	599832	13585	0.023	0.3442	
1.426	1501943	44897	0.030	0.8618	
1.697	32017127	1140791	0.036	18.3743	\$ 1 Tetrachloro-m-xylen
1.846	2049408	53860	0.026	1.1760	
2.122	749383	18900	0.025	0.4300	
2.356	653136	13940	0.021	0.3748	
2.662	544318	7699	0.014	0.3123	
2.753	247372	5221	0.021	0.1419	
3.067	2609141	38853	0.015	1.4972	
3.427	572029	3213	0.006	0.3282	
3.553	2221049	53613	0.024	1.2745	
3.613	1092233	30343	0.028	0.6267	
4.698	14463002	364268	0.025	8.2995	
7.524	1473233	6028	0.004	0.8454	
7.832	848668	10459	0.012	0.4870	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
8.258	746252	5350	0.007	0.4282	
8.527	912003	9238	0.010	0.5233	
8.673	25136223	950662	0.038	14.4243	\$ 34 Decachlorobiphenyl
9.645	690328	12669	0.018	0.3961	
9.811	1714975	24124	0.014	0.9841	
10.007	7507101	46580	0.006	4.3079	
10.239	1036459	25558	0.025	0.5947	
10.367	280708	4657	0.017	0.1610	
	174262315	5859082		100.000	

Total unknown % area = 67.2

Data File: \\target1.ctv\files\chem\GC\mp5890-4.1\CD4639239.1\CD4639299.d\CD4639299.RAW
Injection Date: 10-AUG-2007 13:05
Instrument: mp5890-4.1
Client Sample ID: MW-1B



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-3S

Lab Sample ID: 220-2382-8

Client Matrix: Water

Date Sampled: 08/08/2007 1110

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch:	220-8634	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8593	Lab File ID:	D4640044.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Date Analyzed:	08/15/2007 1201			Final Weight/Volume:	5.0 mL
Date Prepared:	08/13/2007 1800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.40	J M	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.19	J M B	0.024	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	77	53 - 144
DCB Decachlorobiphenyl	64	29 - 156

Method:	8082	Analysis Batch:	220-8634	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch:	220-8593	Lab File ID:	C4640044.d
Dilution:	1.0			Initial Weight/Volume:	500 mL
Date Analyzed:	08/15/2007 1201			Final Weight/Volume:	5.0 mL
Date Prepared:	08/13/2007 1800			Injection Volume:	
				Column ID:	SECONDARY

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	74	53 - 144
DCB Decachlorobiphenyl	57	29 - 156

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640044.d
Lab Smp Id: 220-2382-A-8-A Client Smp ID: MW-3S
Inj Date : 15-AUG-2007 12:01
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-8-A
Misc Info : 220-2382-A-8-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	5.000	Volume of final extract (ml)
Vo	500.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds					CONCENTRATIONS	
	RT	EXP RT	DLT RT	RESPONSE	ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.836	1.835	0.001	23349737	0.01532	0.153 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248	3.587	3.564	0.023	1716614	0.11023	1.10 (M)
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260	7.066	7.070	-0.004	6245449	0.01950	0.195 (M)
\$ 34 Decachlorobiphenyl	8.780	8.782	-0.002	14135438	0.01149	0.115 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640044.d
Lab Smp Id: 220-2382-A-8-A Client Smp ID: MW-3S
Inj Date : 15-AUG-2007 12:01
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-8-A
Misc Info : 220-2382-A-8-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

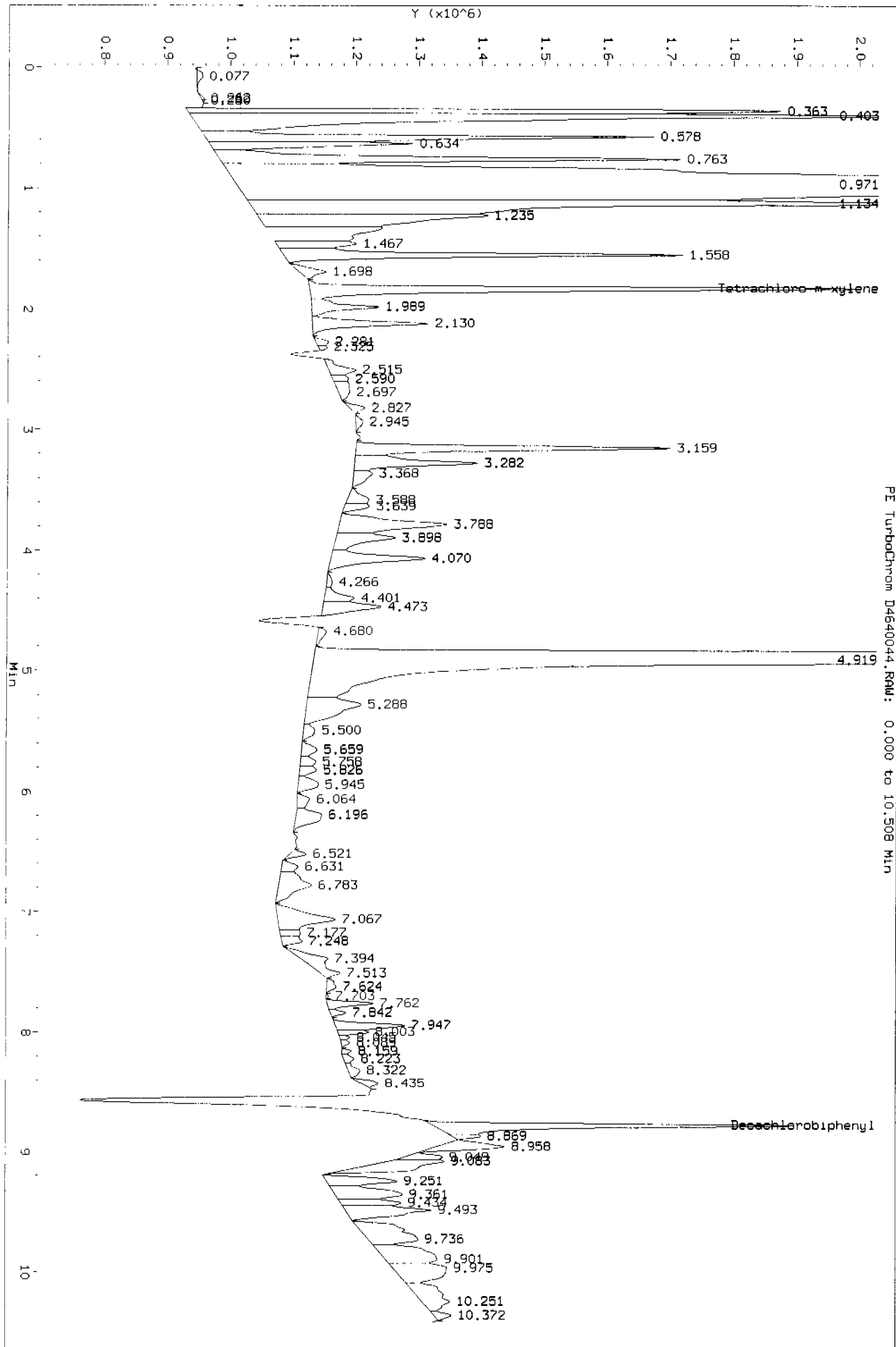
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	5.000	Volume of final extract (ml)
Vo	500.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.077	419331	9462	0.023	0.0440	
0.262	89114	4760	0.053	0.0093	
0.280	30294	2735	0.090	0.0031	
0.363	20100713	942617	0.047	2.1093	
0.403	42878229	1429317	0.033	4.4995	
0.578	17471816	715648	0.041	1.8334	
0.634	8440161	323966	0.038	0.8857	
0.763	20604790	733309	0.036	2.1622	
0.971	244014480	2772997	0.011	25.6066	
1.134	46726549	1338543	0.029	4.9034	
1.235	17479185	366422	0.021	1.8342	
1.467	3976437	127189	0.032	0.4172	
1.558	16254414	634184	0.039	1.7057	
1.698	1665896	42226	0.025	0.1748	
1.837	23349738	876103	0.038	2.4502	\$ 1 Tetrachloro-m-xylene
1.989	3816306	107001	0.028	0.4004	
2.130	5866022	184548	0.031	0.6155	
2.281	586094	20393	0.035	0.0615	
2.325	268726	13631	0.051	0.0281	
2.515	1891723	42684	0.023	0.1985	
2.590	785748	25045	0.032	0.0824	
2.697	1514089	17600	0.012	0.1588	
2.827	705180	23947	0.034	0.0740	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.945	538725	11350	0.021	0.0565	2 Aroclor 1016
3.159	13548261	499966	0.037	1.4217	
3.282	7216922	196004	0.027	0.7573	
3.368	1644307	29828	0.018	0.1725	
3.588	1716615	34746	0.020	0.1801	2 Aroclor 1016
3.639	1212383	39455	0.033	0.1272	
3.788	8779262	171559	0.020	0.9212	2 Aroclor 1016
3.898	4614801	94315	0.020	0.4842	2 Aroclor 1016
4.070	6444127	149947	0.023	0.6762	
4.266	442860	8507	0.019	0.0464	
4.401	1914394	48108	0.025	0.2008	14 Aroclor 1254
4.473	4146310	93225	0.022	0.4351	
4.680	727796	13121	0.018	0.0763	
4.919	302160883	5286545	0.017	31.7124	
5.288	7165867	86962	0.012	0.7519	14 Aroclor 1254
5.500	1037164	17803	0.017	0.1088	
5.659	1215319	24700	0.020	0.1275	
5.758	1010633	24833	0.025	0.1060	14 Aroclor 1254
5.826	1044380	26878	0.026	0.1095	
5.945	1796412	32243	0.018	0.1885	14 Aroclor 1254
6.064	1017997	19386	0.019	0.1068	
6.196	2872054	40691	0.014	0.3013	
6.521	751526	26388	0.035	0.0788	14 Aroclor 1254
6.631	1061174	25552	0.024	0.1113	
6.783	4572102	52407	0.011	0.4797	
7.067	6245450	91696	0.015	0.6553	29 Aroclor 1260
7.177	1032023	32323	0.031	0.1082	29 Aroclor 1260
7.248	1176200	32622	0.028	0.1234	
7.394	2016008	43424	0.022	0.2115	
7.513	1690543	31245	0.018	0.1774	
7.624	689018	15176	0.022	0.0723	29 Aroclor 1260
7.703	69755	4071	0.058	0.0073	
7.762	1854701	73227	0.039	0.1946	29 Aroclor 1260
7.842	590364	24834	0.042	0.0619	
7.947	3412053	110713	0.032	0.3580	
8.003	950596	49205	0.052	0.0997	
8.045	311945	15817	0.051	0.0327	
8.089	312898	12975	0.041	0.0328	
8.159	293005	14975	0.051	0.0307	
8.223	540595	15921	0.029	0.0567	
8.322	866815	17613	0.020	0.0909	
8.435	887051	25101	0.028	0.0930	29 Aroclor 1260
8.780	14135438	571409	0.040	1.4833	\$ 34 Decachlorobiphenyl
8.869	946492	44925	0.047	0.0993	
8.958	3993656	107082	0.027	0.4190	
9.049	1602637	62647	0.039	0.1681	
9.083	6370226	91279	0.014	0.6684	
9.251	4173881	112152	0.027	0.4380	
9.361	5516761	107048	0.019	0.5789	
9.434	2767689	95767	0.035	0.2904	
9.493	6090729	136411	0.022	0.6391	
9.736	7430583	79016	0.011	0.7797	
9.901	6734738	82544	0.012	0.7067	
9.975	6727038	85189	0.013	0.7059	
10.251	5127117	44370	0.009	0.5380	
10.372	791531	26819	0.034	0.0830	
	952934836	20066442		100.000	

Total unknown % area = 92.0

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\04640044.D\04640044.RAW
Injection Date: 15-AUG-2007 12:01
Instrument: hp5890-4.1
Client Sample ID: MW-35



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640044.d
Lab Smp Id: 220-2382-A-8-A Client Smp ID: MW-3S
Inj Date : 15-AUG-2007 12:01
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-8-A
Misc Info : 220-2382-A-8-A
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	5.000	Volume of final extract (ml)
Vo	500.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	6804148	0.01489	0.149 (M)
2 Aroclor 1016				Compound Not Detected.		
5 Aroclor 1232				Compound Not Detected.		
6 Aroclor 1221				Compound Not Detected.		
8 Aroclor 1242				Compound Not Detected.		
11 Aroclor 1248	2.133	2.162	-0.029	761100	0.03956	0.396 (M)
18 Aroclor 1254				Compound Not Detected.		
25 Aroclor 1260	4.870	4.870	0.000	257416	0.01593	0.159 (M)
\$ 34 Decachlorobiphenyl	7.750	7.750	0.000	5256370	0.01285	0.128 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640044.d
Lab Smp Id: 220-2382-A-8-A Client Smp ID: MW-3S
Inj Date : 15-AUG-2007 12:01
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-A-8-A
Misc Info : 220-2382-A-8-A
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

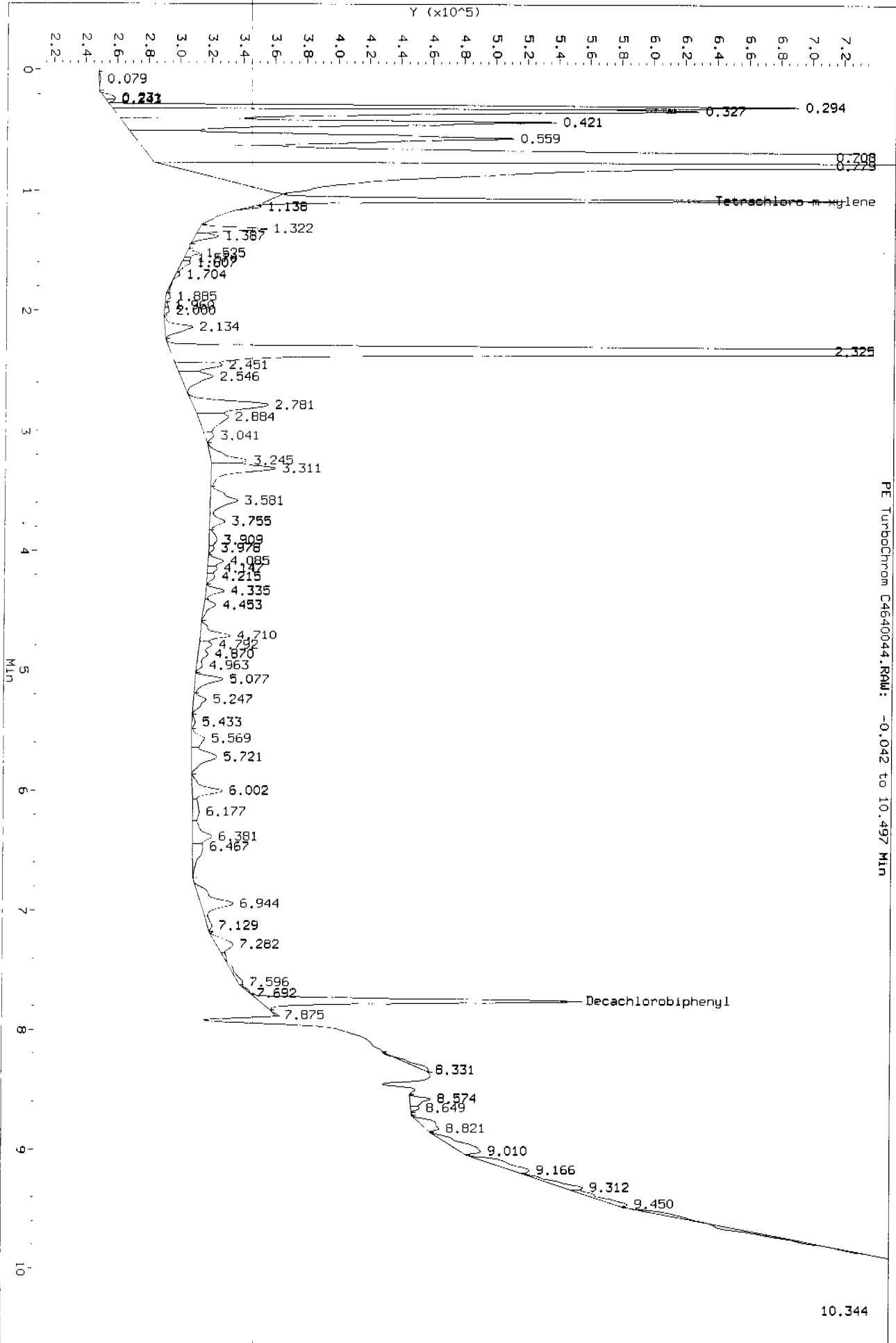
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	5.000	Volume of final extract (ml)
Vo	500.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.079	40639	878	0.022	0.0184	
0.231	159670	6551	0.041	0.0723	
0.243	62751	5578	0.089	0.0284	
0.294	7286626	435760	0.060	3.3011	
0.327	10727264	370880	0.035	4.8599	
0.421	8534107	276146	0.032	3.8663	
0.559	10845174	239936	0.022	4.9133	
0.708	55433212	1332724	0.024	25.1167	
0.779	31919332	749618	0.023	14.4608	
1.077	6804149	363898	0.053	3.0825	\$ 1 Tetrachloro-m-xylen
1.138	98340	6244	0.063	0.0445	
1.322	938469	43166	0.046	0.4251	
1.387	417247	14919	0.036	0.1890	
1.525	200649	8093	0.040	0.0909	
1.570	86633	4550	0.053	0.0392	
1.607	190714	5686	0.030	0.0864	
1.704	122247	2878	0.024	0.0553	
1.885	90620	2945	0.032	0.0410	
1.960	37725	1836	0.049	0.0170	
2.000	87598	3152	0.036	0.0396	
2.134	761101	17892	0.024	0.3448	11 Aroclor 1248
2.325	54033764	2059558	0.038	24.4796	
2.451	1001517	29445	0.029	0.4537	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.546	1107132	20629	0.019	0.5015	
2.781	2426653	47699	0.020	1.0993	
2.884	1212920	19269	0.016	0.5495	
3.041	205601	5518	0.027	0.0931	11 Aroclor 1248
3.245	942747	22689	0.024	0.4271	
3.311	1850943	40656	0.022	0.8385	11 Aroclor 1248
3.581	1088917	17323	0.016	0.4933	18 Aroclor 1254
3.755	419576	9600	0.023	0.1900	
3.909	283391	4902	0.017	0.1283	
3.978	95647	3245	0.034	0.0433	
4.085	334640	9681	0.029	0.1516	
4.147	197873	6029	0.030	0.0896	
4.215	183130	4779	0.026	0.0829	
4.335	399283	11613	0.029	0.1808	18 Aroclor 1254
4.453	348102	7423	0.021	0.1577	18 Aroclor 1254
4.710	875365	18968	0.022	0.3965	
4.792	281618	7772	0.028	0.1275	
4.870	257416	6199	0.024	0.1166	25 Aroclor 1260
4.963	134439	3668	0.027	0.0609	
5.077	762912	17642	0.023	0.3456	25 Aroclor 1260
5.247	413280	7822	0.019	0.1872	
5.433	94383	2060	0.022	0.0427	
5.569	475248	8280	0.017	0.2153	
5.721	1021231	15876	0.016	0.4626	
6.002	873422	19113	0.022	0.3956	25 Aroclor 1260
6.177	373720	4176	0.011	0.1693	
6.381	788684	12111	0.015	0.3573	
6.467	573783	6513	0.011	0.2599	
6.944	1410779	20731	0.015	0.6391	
7.129	169526	3005	0.018	0.0768	
7.282	605613	10461	0.017	0.2743	
7.596	294750	3149	0.011	0.1335	
7.692	61505	331	0.005	0.0278	
7.750	5256371	205217	0.039	2.3813	\$ 34 Decachlorobiphenyl
7.875	30985	2081	0.067	0.0140	
8.331	216952	2658	0.012	0.0982	
8.574	425521	13186	0.031	0.1927	
8.649	119477	5533	0.046	0.0541	
8.821	567465	8626	0.015	0.2570	
9.010	1017635	13144	0.013	0.4610	
9.166	894059	11130	0.012	0.4050	
9.312	580028	11773	0.020	0.2627	
9.450	551581	8298	0.015	0.2498	
10.344	625598	18788	0.030	0.2834	
220729441		6681699		100.000	

Total unknown % area = 91.6

Data File: \\Target1.ct\\Files\\chem\\GC\\np5890-4.1\\CD4640.b\\C4640044.d\\C4640044.RAW
Injection Date: 15-AUG-2007 12:01
Instrument: np5890-4.i
Client Sample ID: MW-35



Analytical Data

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Client Sample ID: MW-3D

Lab Sample ID: 220-2382-9

Client Matrix: Water

Date Sampled: 08/08/2007 1120

Date Received: 08/09/2007 0940

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 220-8634	Instrument ID:	HP 5890 with dual ECD
Preparation:	3510C	Prep Batch: 220-8593	Lab File ID:	D4640045.d
Dilution:	1.0		Initial Weight/Volume:	500 mL
Date Analyzed:	08/15/2007 1218		Final Weight/Volume:	5.0 mL
Date Prepared:	08/13/2007 1800		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.50	U	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.50	U	0.024	0.50

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	86	53 - 144
DCB Decachlorobiphenyl	66	29 - 156

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640045.d
Lab Smp Id: 220-2382-A-9-A Client Smp ID: MW-3D
Inj Date : 15-AUG-2007 12:18
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-9-A
Misc Info : 220-2382-A-9-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	5.000	Volume of final extract (ml)
Vo	500.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/L)
=====	====	=====	=====	=====	=====	=====
\$ 1 Tetrachloro-m xylene	1.836	1.835	0.001	26114897	0.01713	0.171 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.781	8.782	-0.001	16306893	0.01326	0.133 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640045.d
Lab Smp Id: 220-2382-A-9-A Client Smp ID: MW-3D
Inj Date : 15-AUG-2007 12:18
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-9-A
Misc Info : 220-2382-A-9-A
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	5.000	Volume of final extract (ml)
Vo	500.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

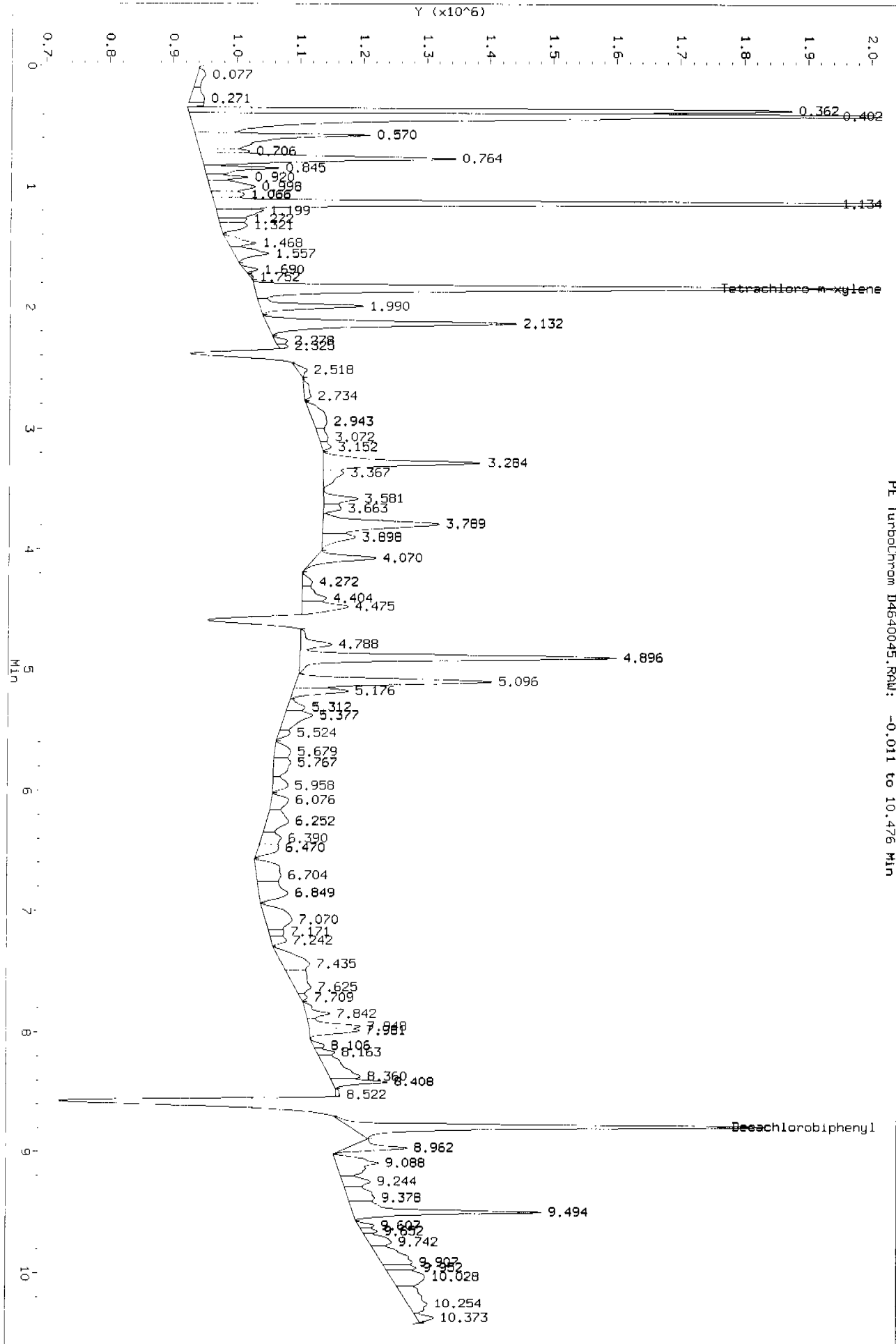
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.077	913414	13089	0.014	0.2593	
0.271	1310936	22361	0.017	0.3722	
0.362	20051606	951809	0.047	5.6944	
0.402	41904842	1449392	0.035	11.9047	
0.570	10141880	276263	0.027	2.8801	
0.706	1363683	78746	0.058	0.3872	
0.764	12190566	401644	0.033	3.4619	
0.845	2752309	117498	0.043	0.7816	
0.920	1244637	64593	0.052	0.3534	
0.998	3141448	71565	0.023	0.8921	
1.066	1423231	50931	0.036	0.4041	
1.134	32095731	1644711	0.051	9.1147	
1.199	2730797	74342	0.027	0.7755	
1.272	1024194	43891	0.043	0.2908	
1.321	1537306	42226	0.027	0.4365	
1.468	1476302	43802	0.030	0.4192	
1.557	2181023	54932	0.025	0.6193	
1.690	420923	20611	0.049	0.1195	
1.752	133205	4336	0.033	0.0378	
1.836	26114897	964631	0.037	7.4163	\$ 1 Tetrachloro-m-xylen
1.990	4613933	163072	0.035	1.3103	
2.132	12205385	395049	0.032	3.4661	
2.278	531020	19719	0.037	0.1508	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
2.325	291726	14632	0.050	0.0828	
2.518	597782	15647	0.026	0.1697	
2.734	765032	10376	0.014	0.2172	
2.943	2388971	21524	0.009	0.6784	
3.072	849970	14652	0.017	0.2413	
3.152	497198	14577	0.029	0.1411	
3.284	8309105	249317	0.030	2.3596	
3.367	1667415	31804	0.019	0.4735	
3.581	1848679	54021	0.029	0.5250	9 Aroclor 1248
3.663	995766	28248	0.028	0.2827	
3.789	8242237	184469	0.022	2.3406	9 Aroclor 1248
3.898	2124567	52668	0.025	0.6033	
4.070	3306198	96096	0.029	0.9389	
4.272	690992	15553	0.023	0.1962	
4.404	1880482	38673	0.021	0.5340	
4.475	3122029	73606	0.024	0.8866	9 Aroclor 1248
4.565	0	0	---	0.0000	
4.788	1999179	49930	0.025	0.5677	
4.841	0	0	---	0.0000	
4.896	15222978	499976	0.033	4.3231	
5.096	10164553	308371	0.030	2.8866	
5.176	2702915	87709	0.032	0.7675	
5.312	1066548	27938	0.026	0.3028	14 Aroclor 1254
5.377	2753179	43992	0.016	0.7818	
5.524	630134	18270	0.029	0.1789	
5.679	1529299	25519	0.017	0.4343	
5.767	2085516	27330	0.013	0.5922	14 Aroclor 1254
5.903	0	0	---	0.0000	
5.958	1332601	23950	0.018	0.3784	
6.076	1663883	27297	0.016	0.4725	
6.252	2884009	35026	0.012	0.8190	
6.390	1695022	31395	0.019	0.4813	
6.470	1638109	31835	0.019	0.4652	14 Aroclor 1254
6.530	0	0	---	0.0000	
6.704	3675529	38678	0.011	1.0438	
6.849	3488285	45731	0.013	0.9906	
7.070	4039758	42372	0.010	1.1472	
7.171	750353	23859	0.032	0.2130	
7.242	891482	23780	0.027	0.2531	
7.435	3544688	43824	0.012	1.0066	
7.625	2834697	26151	0.009	0.8050	
7.709	327240	11152	0.034	0.0929	
7.766	0	0	---	0.0000	
7.842	1461756	38374	0.026	0.4151	
7.948	2243752	81093	0.036	0.6371	
7.981	2070086	78657	0.038	0.5878	
8.106	494909	17228	0.035	0.1405	
8.163	782288	28423	0.036	0.2221	
8.360	3935586	48436	0.012	1.1176	
8.408	2474523	87227	0.035	0.7027	
8.522	215088	7319	0.034	0.0610	
8.782	16306893	655065	0.040	4.6309	\$ 34 Decachlorobiphenyl
8.962	2817299	95140	0.034	0.8000	
9.088	4415823	67150	0.015	1.2540	
9.244	1915207	44117	0.023	0.5438	
9.378	2603591	42104	0.016	0.7393	
9.494	8560699	298072	0.035	2.4311	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
9.607	577649	24642	0.043	0.1640	
9.652	546602	24256	0.044	0.1552	
9.742	1784346	35651	0.020	0.5067	
9.907	3721589	48961	0.013	1.0568	
9.952	1251624	49410	0.039	0.3554	
10.028	3680530	53902	0.015	1.0452	
10.254	3541202	31056	0.009	1.0056	
10.373	725346	26124	0.036	0.2059	
=====	=====	=====	=====	=====	
	352127757	11261568		100.000	

Total unknown % area = 82.8

Data File: \\Target1.ctf\\files\\chem\\GC\\mp5890-4.1\\CD4640.D\\D4640045.D\\D4640045.RAW
Injection Date: 15-AUG-2007 12:18
Instrument: mp5890-4.1
Client Sample ID: MW-3D



FORM 6
INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382

SAS No.:

SDG No.:220-2382

Instrument ID: hp5890-4.i

Calibration Date(s): 01-AUG-2007

01-AUG-2007

Column: RTX-CLPesticidesII

ID: 0

(mm)

Calibration Time(s): 15:58

18:52

COMPOUND	STD1	STD2	STD3	STD4	STD5
=====	=====	=====	=====	=====	=====
Aroclor 1016	2.29	2.29	2.30	2.29	2.29
Aroclor 1016__ (2)	2.81	2.81	2.81	2.80	2.81
Aroclor 1016__ (3)	3.40	3.40	3.40	3.40	3.40
Aroclor 1016__ (4)	3.72	3.72	3.72	3.72	3.72
Aroclor 1016__ (5)	4.23	4.23	4.23	4.23	4.23
Aroclor 1221		2.05			
Aroclor 1221__ (2)		2.22			
Aroclor 1221__ (3)		2.29			
Aroclor 1221__ (4)		2.81			
Aroclor 1221__ (5)		2.87			
Aroclor 1232		2.81			
Aroclor 1232__ (2)		3.40			
Aroclor 1232__ (3)		3.58			
Aroclor 1232__ (4)		3.72			
Aroclor 1232__ (5)		3.90			
Aroclor 1242		2.29			
Aroclor 1242__ (2)		2.81			
Aroclor 1242__ (3)		3.40			
Aroclor 1242__ (4)		3.59			
Aroclor 1242__ (5)		3.72			
Aroclor 1248		3.40			
Aroclor 1248__ (2)		3.58			
Aroclor 1248__ (3)		4.23			
Aroclor 1248__ (4)		4.39			
Aroclor 1248__ (5)		4.68			
Aroclor 1254		5.10			
Aroclor 1254__ (2)		5.17			
Aroclor 1254__ (3)		5.56			
Aroclor 1254__ (4)		5.72			
Aroclor 1254__ (5)		6.33			
Aroclor 1260	7.04	7.03	7.03	7.03	7.03
Aroclor 1260__ (2)	7.38	7.38	7.38	7.38	7.38
Aroclor 1260__ (3)	7.46	7.45	7.45	7.45	7.45
Aroclor 1260__ (4)	7.65	7.65	7.65	7.65	7.65
Aroclor 1260__ (5)	8.36	8.35	8.35	8.35	8.35
Tetrachloro-m-xylene	1.69	1.70	1.70	1.69	1.70
Decachlorobiphenyl	8.70	8.70	8.70	8.70	8.69

FORM VI

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/01/07 08/01/0

Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Calibration Time(s): 1558

COMPOUND	MEAN RT	RT WINDOW FROM TO	
=====	=====	=====	=====
Aroclor 1016	2.292	2.242	2.342
(2)	2.807	2.758	2.858
(3)	3.400	3.350	3.450
(4)	3.718	3.669	3.769
(5)	4.228	4.178	4.278
Aroclor 1221	2.053	2.003	2.103
(2)	2.222	2.172	2.272
(3)	2.293	2.243	2.343
(4)	2.807	2.757	2.857
(5)	2.873	2.823	2.923
Aroclor 1232	2.807	2.757	2.857
(2)	3.400	3.350	3.450
(3)	3.582	3.532	3.632
(4)	3.715	3.665	3.765
(5)	3.903	3.853	3.953
Aroclor 1242	2.293	2.243	2.343
(2)	2.808	2.758	2.858
(3)	3.402	3.352	3.452
(4)	3.587	3.537	3.637
(5)	3.720	3.670	3.770
Aroclor 1248	3.402	3.352	3.452
(2)	3.582	3.532	3.632
(3)	4.230	4.180	4.280
(4)	4.392	4.342	4.442
(5)	4.680	4.630	4.730
Aroclor 1254	5.100	5.050	5.150
(2)	5.173	5.123	5.223
(3)	5.563	5.513	5.613
(4)	5.725	5.675	5.775
(5)	6.332	6.282	6.382
Aroclor 1260	7.033	6.983	7.083
(2)	7.380	7.330	7.430
(3)	7.452	7.402	7.502
(4)	7.648	7.598	7.698
(5)	8.353	8.303	8.403
=====	=====	=====	=====
Tetrachloro-m-xylene	1.695	1.645	1.745
Decachlorobiphenyl	8.696	8.646	8.746

FORM VI 8082

FORM 6
INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: hp5890-4.i Calibration Date(s): 14-AUG-2007 14-AUG-2007

Column: RTX-CLPesticidesII ID: 0 (mm) Calibration Time(s): 15:32 22:31

COMPOUND	STD1	STD2	STD3	STD4	STD5
=====					
Aroclor 1016	2.44	2.44	2.44	2.44	2.44
Aroclor 1016__ (2)	2.97	2.97	2.97	2.97	2.97
Aroclor 1016__ (3)	3.56	3.57	3.57	3.57	3.57
Aroclor 1016__ (4)	3.75	3.75	3.75	3.75	3.75
Aroclor 1016__ (5)	3.88	3.89	3.89	3.89	3.88
Aroclor 1221		2.20			
Aroclor 1221__ (2)		2.37			
Aroclor 1221__ (3)		2.44			
Aroclor 1221__ (4)		2.96			
Aroclor 1221__ (5)		3.03			
Aroclor 1232		2.44			
Aroclor 1232__ (2)		2.97			
Aroclor 1232__ (3)		3.57			
Aroclor 1232__ (4)		3.75			
Aroclor 1232__ (5)		3.88			
Aroclor 1242	2.45	2.45	2.44	2.44	2.44
Aroclor 1242__ (2)	2.97	2.97	2.97	2.97	2.97
Aroclor 1242__ (3)	3.57	3.57	3.57	3.57	3.57
Aroclor 1242__ (4)	3.88	3.89	3.88	3.89	3.89
Aroclor 1242__ (5)	4.57	4.57	4.57	4.57	4.57
Aroclor 1248	3.56	3.56	3.56	3.56	3.56
Aroclor 1248__ (2)	3.75	3.75	3.75	3.74	3.75
Aroclor 1248__ (3)	4.40	4.40	4.40	4.40	4.40
Aroclor 1248__ (4)	4.56	4.56	4.57	4.56	4.56
Aroclor 1248__ (5)	4.84	4.84	4.84	4.84	4.84
Aroclor 1254	4.40	4.40	4.40	4.40	4.40
Aroclor 1254__ (2)	5.28	5.27	5.28	5.27	5.27
Aroclor 1254__ (3)	5.74	5.74	5.74	5.74	5.74
Aroclor 1254__ (4)	5.90	5.90	5.90	5.90	5.90
Aroclor 1254__ (5)	6.53	6.53	6.53	6.53	6.53
Aroclor 1260	7.07	7.07	7.07	7.07	7.07
Aroclor 1260__ (2)	7.20	7.20	7.20	7.20	7.21
Aroclor 1260__ (3)	7.58	7.58	7.58	7.58	7.58
Aroclor 1260__ (4)	7.76	7.77	7.76	7.76	7.77
Aroclor 1260__ (5)	8.44	8.44	8.44	8.44	8.44
Aroclor 1262		6.79			
Aroclor 1262__ (2)		7.07			
Aroclor 1262__ (3)		7.52			
Aroclor 1262__ (4)		7.76			
Aroclor 1262__ (5)		8.44			
Aroclor 1268		7.20			
Aroclor 1268__ (2)		7.52			
Aroclor 1268__ (3)		8.24			
Aroclor 1268__ (4)		8.44			

FORM VI

FORM 6
INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382

SAS No.:

SDG No.:220-2382

Instrument ID: hp5890-4.i

Calibration Date(s): 14-AUG-2007

14-AUG-2007

Column: RTX-CLPesticidesII

ID: 0

(mm)

Calibration Time(s): 15:32

22:31

COMPOUND	STD1	STD2	STD3	STD4	STD5
=====	=====	=====	=====	=====	=====
Aroclor 1268__ (5)		8.64			
Tetrachloro-m-xylene	1.84	1.83	1.84	1.83	1.83
Decachlorobiphenyl	8.78	8.78	8.78	8.78	8.78

FORM VI

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/14/07 08/14/0

Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Calibration Time(s): 1532

COMPOUND	MEAN RT	RT WINDOW	
		FROM	TO
=====	=====	=====	=====
Aroclor 1016	2.444	2.394	2.494
(2)	2.969	2.919	3.019
(3)	3.567	3.516	3.616
(4)	3.750	3.700	3.800
(5)	3.886	3.836	3.936
Aroclor 1221	2.200	2.150	2.250
(2)	2.372	2.323	2.423
(3)	2.447	2.396	2.496
(4)	2.967	2.916	3.016
(5)	3.030	2.980	3.080
Aroclor 1232	2.447	2.396	2.496
(2)	2.970	2.920	3.020
(3)	3.568	3.518	3.618
(4)	3.751	3.701	3.801
(5)	3.887	3.835	3.935
Aroclor 1242	2.446	2.396	2.496
(2)	2.971	2.921	3.021
(3)	3.568	3.518	3.618
(4)	3.887	3.837	3.937
(5)	4.568	4.518	4.618
Aroclor 1248	3.564	3.514	3.614
(2)	3.747	3.697	3.797
(3)	4.401	4.351	4.451
(4)	4.565	4.515	4.615
(5)	4.841	4.791	4.891
Aroclor 1254	4.398	4.348	4.448
(2)	5.275	5.225	5.325
(3)	5.739	5.689	5.789
(4)	5.903	5.853	5.953
(5)	6.530	6.480	6.580
Aroclor 1260	7.071	7.021	7.121
(2)	7.206	7.156	7.256
(3)	7.585	7.535	7.635
(4)	7.766	7.716	7.816
(5)	8.445	8.395	8.495
=====	=====	=====	=====
Tetrachloro-m-xylene	1.835	1.785	1.885
Decachlorobiphenyl	8.783	8.733	8.833

FORM VI 8082

FORM 6
INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382

SAS No.:

SDG No.:220-2382

Instrument ID: hp5890-4.i

Calibration Date(s): 14-AUG-2007

14-AUG-2007

Column: RTX-CLPesticides

ID: 0

(mm) Calibration Time(s): 15:32

22:31

COMPOUND	STD1	STD2	STD3	STD4	STD5
Aroclor 1016	1.38	1.38	1.38	1.38	1.38
Aroclor 1016__ (2)	1.70	1.70	1.70	1.70	1.70
Aroclor 1016__ (3)	2.16	2.16	2.16	2.16	2.16
Aroclor 1016__ (4)	2.32	2.32	2.32	2.31	2.31
Aroclor 1016__ (5)	2.38	2.38	2.38	2.38	2.38
Aroclor 1221		1.23			
Aroclor 1221__ (2)		1.38			
Aroclor 1221__ (3)		1.70			
Aroclor 1221__ (4)		1.76			
Aroclor 1221__ (5)		1.82			
Aroclor 1232		1.38			
Aroclor 1232__ (2)		1.70			
Aroclor 1232__ (3)		2.17			
Aroclor 1232__ (4)		2.32			
Aroclor 1232__ (5)		2.38			
Aroclor 1242	1.38	1.38	1.38	1.38	1.38
Aroclor 1242__ (2)	1.70	1.70	1.70	1.70	1.70
Aroclor 1242__ (3)	2.17	2.17	2.16	2.16	2.16
Aroclor 1242__ (4)	2.32	2.32	2.32	2.32	2.31
Aroclor 1242__ (5)	2.38	2.38	2.38	2.38	2.38
Aroclor 1248	2.16	2.16	2.16	2.16	2.16
Aroclor 1248__ (2)	2.55	2.55	2.55	2.54	2.55
Aroclor 1248__ (3)	2.79	2.79	2.79	2.78	2.79
Aroclor 1248__ (4)	3.05	3.05	3.05	3.05	3.05
Aroclor 1248__ (5)	3.31	3.31	3.31	3.31	3.31
Aroclor 1254	3.58	3.58	3.59	3.58	3.58
Aroclor 1254__ (2)	4.08	4.08	4.08	4.08	4.08
Aroclor 1254__ (3)	4.33	4.33	4.33	4.33	4.33
Aroclor 1254__ (4)	4.45	4.44	4.45	4.44	4.44
Aroclor 1254__ (5)	4.70	4.70	4.70	4.70	4.70
Aroclor 1260	4.87	4.87	4.87	4.87	4.87
Aroclor 1260__ (2)	5.08	5.08	5.07	5.07	5.07
Aroclor 1260__ (3)	5.25	5.25	5.24	5.24	5.24
Aroclor 1260__ (4)	6.01	6.00	6.00	6.00	6.00
Aroclor 1260__ (5)	7.31	7.31	7.31	7.31	7.31
Aroclor 1262		4.33			
Aroclor 1262__ (2)		4.87			
Aroclor 1262__ (3)		5.24			
Aroclor 1262__ (4)		6.00			
Aroclor 1262__ (5)		7.31			
Aroclor 1268		5.99			
Aroclor 1268__ (2)		6.83			
Aroclor 1268__ (3)		6.95			
Aroclor 1268__ (4)		7.31			

FORM VI

FORM 6
INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382

SAS No.:

SDG No.:220-2382

Instrument ID: hp5890-4.i

Calibration Date(s): 14-AUG-2007

14-AUG-2007

Column: RTX-CLPesticides

ID: 0

(mm)

Calibration Time(s): 15:32

22:31

COMPOUND	STD1	STD2	STD3	STD4	STD5
=====	=====	=====	=====	=====	=====
Aroclor 1268__(5)		7.59			
Tetrachloro-m-xylene	1.08	1.08	1.08	1.08	1.08
Decachlorobiphenyl	7.75	7.75	7.75	7.75	7.75

FORM VI

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/14/07 08/14/0

Column: RTX-CLPESTICIDES ID: 0.53 (mm) Calibration Time(s): 1532

COMPOUND	MEAN	RT WINDOW	
	RT	FROM	TO
=====	=====	=====	=====
Aroclor 1016	1.379	1.329	1.429
(2)	1.701	1.651	1.751
(3)	2.164	2.114	2.214
(4)	2.314	2.264	2.364
(5)	2.377	2.327	2.42
Aroclor 1221	1.227	1.177	1.277
(2)	1.378	1.328	1.428
(3)	1.704	1.654	1.754
(4)	1.758	1.707	1.807
(5)	1.820	1.770	1.870
Aroclor 1232	1.381	1.331	1.431
(2)	1.704	1.654	1.754
(3)	2.167	2.117	2.217
(4)	2.318	2.268	2.368
(5)	2.380	2.329	2.430
Aroclor 1242	1.380	1.330	1.430
(2)	1.702	1.652	1.752
(3)	2.165	2.115	2.215
(4)	2.316	2.266	2.365
(5)	2.376	2.325	2.425
Aroclor 1248	2.163	2.113	2.213
(2)	2.547	2.497	2.597
(3)	2.788	2.738	2.838
(4)	3.049	2.999	3.099
(5)	3.311	3.261	3.361
Aroclor 1254	3.584	3.534	3.634
(2)	4.079	4.029	4.129
(3)	4.331	4.281	4.381
(4)	4.446	4.396	4.496
(5)	4.702	4.652	4.752
Aroclor 1260	4.870	4.820	4.920
(2)	5.074	5.024	5.124
(3)	5.246	5.196	5.296
(4)	6.004	5.954	6.054
(5)	7.310	7.260	7.360
=====	=====	=====	=====
Tetrachloro-m-xylene	1.077	1.027	1.127
Decachlorobiphenyl	7.751	7.701	7.801

FORM VI 8082

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/01/07 08/01/07

Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Calibration Time(s): 1558 1852

LAB FILE ID: RF0.005: D4639002 RF0.01: D4639011 RF0.025: D4639004
RF0.05: D4639005 RF0.1: D4639006 RF0: D4639001

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0
=====						
Aroclor 1016	31675640	38111960	41764130	34720743	34268613	
(2)	95387940	82959430	76053760	68485300	66142724	
(3)	195440440	159240730	157897905	134822268	129676413	
(4)	53541260	47349570	62336670	49098485	47300595	
(5)	73238260	72065570	75012925	62926385	61765041	
Aroclor 1221		22191815				
(2)		12053395				
(3)		59837225				
(4)		17006685				
(5)		14045995				
Aroclor 1232		88182090				
(2)		68003570				
(3)		33796630				
(4)		23074060				
(5)		47188960				
Aroclor 1242		36106510				
(2)		82285860				
(3)		131620680				
(4)		72623450				
(5)		47937950				
Aroclor 1248		76670700				
(2)		34768740				
(3)		90938380				
(4)		67649880				
(5)		43131210				
Aroclor 1254		95459730				
(2)		75556520				
(3)		60356180				
(4)		116180120				
(5)		55250240				
Aroclor 1260	104090600	99641410	97477780	89749443	84820011	98810600
(2)	96587900	89534730	89205710	82110895	76789284	106182360
(3)	50832440	40034070	41508730	42952770	40758495	51819480
(4)	197395680	196398190	192841065	191884083	186104564	199421520
(5)	39432460	47570390	47649500	47923333	45819083	36698800
=====						
Tetrachloro-m-xylene	1.71e+009	1.68e+009	1.6e+009	1.55e+009	1.56e+009	1.91e+009
Decachlorobiphenyl	1.48e+009	1.33e+009	1.23e+009	1.19e+009	991912430	1.55e+009

FORM VI 8082

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/01/07 08/01/0

Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Calibration Time(s): 1558

COMPOUND	CURVE	COEFFICIENT A1	%RSD OR R^2	MAX %RSD OR R^2
=====				
Aroclor 1016	AVRG	36108217.0	10.812	20.000
(2)	AVRG	77805830.8	15.230	20.000
(3)	AVRG	155415551	16.746	20.000
(4)	AVRG	51925316.0	12.230	20.000
(5)	AVRG	69001636.3	8.956	20.000
Aroclor 1221	AVRG	22191815.0	0.000	20.000
(2)	AVRG	12053395.0	0.000	20.000
(3)	AVRG	59837225.0	0.000	20.000
(4)	AVRG	17006685.0	0.000	20.000
(5)	AVRG	14045995.0	0.000	20.000
Aroclor 1232	AVRG	88182090.0	0.000	20.000
(2)	AVRG	68003570.0	0.000	20.000
(3)	AVRG	33796630.0	0.000	20.000
(4)	AVRG	23074060.0	0.000	20.000
(5)	AVRG	47188960.0	0.000	20.000
Aroclor 1242	AVRG	36106510.0	0.000	20.000
(2)	AVRG	82285860.0	0.000	20.000
(3)	AVRG	131620680	0.000	20.000
(4)	AVRG	72623450.0	0.000	20.000
(5)	AVRG	47937950.0	0.000	20.000
Aroclor 1248	AVRG	76670700.0	0.000	20.000
(2)	AVRG	34768740.0	0.000	20.000
(3)	AVRG	90938380.0	0.000	20.000
(4)	AVRG	67649880.0	0.000	20.000
(5)	AVRG	43131210.0	0.000	20.000
Aroclor 1254	AVRG	95459730.0	0.000	20.000
(2)	AVRG	75556520.0	0.000	20.000
(3)	AVRG	60356180.0	0.000	20.000
(4)	AVRG	116180120	0.000	20.000
(5)	AVRG	55250240.0	0.000	20.000
Aroclor 1260	AVRG	95764974.0	7.421	20.000
(2)	AVRG	90068479.8	11.569	20.000
(3)	AVRG	44650997.5	11.801	20.000
(4)	AVRG	194007517	2.470	20.000
(5)	AVRG	44182260.8	11.030	20.000
=====				
Tetrachloro-m-xylene	AVRG	1668835907	7.945	20.000
Decachlorobiphenyl	AVRG	1296224860	15.801	20.000

FORM VI 8082

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/14/07 08/14/07

Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Calibration Time(s): 1532

2231

LAB FILE ID: RF0.005: D4640019 RF0.01: D4640025 RF0.025: D4640021
RF0.05: D4640022 RF0.1: D4640023

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1
=====	=====	=====	=====	=====	=====
Aroclor 1016	34762400	38020050	41326940	34963465	32040871
(2)	90976960	80916560	75303120	68403110	63395128
(3)	157658780	151294920	143561915	130904903	120515141
(4)	74160080	69618660	70949635	58933060	53075326
(5)	51277560	51765010	54676940	45752190	42366725
Aroclor 1221		17701770			
(2)		11177565			
(3)		53342260			
(4)		9608190.0			
(5)		15295895			
Aroclor 1232		40574030			
(2)		48585110			
(3)		73695540			
(4)		32481410			
(5)		22400430			
Aroclor 1242	25048040	36594650	29716945	28967955	26860768
(2)	72402080	69555290	62427930	60529523	52995541
(3)	115564140	128375470	110029155	106544850	96923453
(4)	38631160	45485040	33417020	32038248	30757556
(5)	36656120	40805950	38578070	37434523	36181961
Aroclor 1248	79332720	71230950	74549480	73167313	70242751
(2)	37672440	28754080	29712550	29424878	28424613
(3)	102314920	82939020	85161000	81619385	76485374
(4)	65883380	58044920	64208000	60469425	59172438
(5)	33902240	33250330	37817640	35803028	34626461
Aroclor 1254	33862560	31420080	28691375	25172873	23472539
(2)	97170800	92604780	90240135	84882565	78115434
(3)	64370540	62798190	62867065	59825775	57816660
(4)	137599600	133178720	130137995	122858275	116717395
(5)	58209660	57858770	56314340	54624745	52767123
Aroclor 1260	139057940	134752000	134159730	126004388	126307581
(2)	88865920	89442410	87734130	82897345	81395105
(3)	73483440	72729520	70492625	69406918	69399155
(4)	186901520	190517190	190296350	187672490	183195050
(5)	45123700	46489590	51039785	48391913	47055379
=====	=====	=====	=====	=====	=====
Tetrachloro-m-xylene	1.6e+009	1.57e+009	1.52e+009	1.49e+009	1.44e+009
Decachlorobiphenyl	1.42e+009	1.32e+009	1.25e+009	1.18e+009	974682055

FORM VI 8082

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/14/07 08/14/0

Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Calibration Time(s): 1532

COMPOUND	CURVE	COEFFICIENT A1	%RSD OR R^2	MAX %RSD OR R^2
=====	=====	=====	=====	=====
Aroclor 1016	AVRG	36222745.3	9.808	20.000
(2)	AVRG	75798975.5	14.230	20.000
(3)	AVRG	140787132	10.722	20.000
(4)	AVRG	65347352.3	13.667	20.000
(5)	AVRG	49167685.0	10.142	20.000
Aroclor 1221	AVRG	17701770.0	0.000	20.000
(2)	AVRG	11177565.0	0.000	20.000
(3)	AVRG	53342260.0	0.000	20.000
(4)	AVRG	9608190.00	0.000	20.000
(5)	AVRG	15295895.0	0.000	20.000
Aroclor 1232	AVRG	40574030.0	0.000	20.000
(2)	AVRG	48585110.0	0.000	20.000
(3)	AVRG	73695540.0	0.000	20.000
(4)	AVRG	32481410.0	0.000	20.000
(5)	AVRG	22400430.0	0.000	20.000
Aroclor 1242	AVRG	29437671.5	14.946	20.000
(2)	AVRG	63582072.8	12.086	20.000
(3)	AVRG	111487414	10.426	20.000
(4)	AVRG	36065804.8	16.792	20.000
(5)	AVRG	37931324.8	4.864	20.000
Aroclor 1248	AVRG	73704642.8	4.834	20.000
(2)	AVRG	30797712.0	12.589	20.000
(3)	AVRG	85703939.8	11.455	20.000
(4)	AVRG	61555632.5	5.446	20.000
(5)	AVRG	35079939.8	5.131	20.000
Aroclor 1254	AVRG	28523885.3	15.045	20.000
(2)	AVRG	88602742.8	8.292	20.000
(3)	AVRG	61535646.0	4.312	20.000
(4)	AVRG	128098397	6.499	20.000
(5)	AVRG	55954927.5	4.072	20.000
Aroclor 1260	AVRG	132056328	4.323	20.000
(2)	AVRG	86066982.0	4.264	20.000
(3)	AVRG	71102331.5	2.674	20.000
(4)	AVRG	187716520	1.589	20.000
(5)	AVRG	47620073.3	4.710	20.000
=====	=====	=====	=====	=====
Tetrachloro-m-xylene	AVRG	1524262178	4.260	20.000
Decachlorobiphenyl	AVRG	1229767499	13.592	20.000

FORM VI 8082

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/14/07 08/14/07

Column: RTX-CLPESTICIDES ID: 0.53 (mm) Calibration Time(s): 1532 2231

LAB FILE ID: RF0.005: C4640019 RF0.01: C4640025 RF0.025: C4640021
RF0.05: C4640022 RF0.1: C4640023

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1
=====	=====	=====	=====	=====	=====
Aroclor 1016	17386880	15632460	15029280	13342348	12215908
(2)	26119220	24761630	24291265	21194278	19363371
(3)	52974660	51251180	48325065	45239440	41411326
(4)	23586900	21617910	21736955	19255223	17517271
(5)	12319320	12058820	12785930	11757380	11138348
Aroclor 1221		7065885.0			
(2)		21991635			
(3)		1899575.0			
(4)		1657755.0			
(5)		3405560.0			
Aroclor 1232		18664580			
(2)		12781620			
(3)		25510780			
(4)		10899290			
(5)		5790040.0			
Aroclor 1242	13766740	14814350	12127980	11426475	10302869
(2)	19983000	22003220	19136370	18350085	16322556
(3)	41427640	44574280	40263605	38709950	34633968
(4)	19123300	20582520	16794100	15948278	14591280
(5)	9396940.0	11645200	9823810.0	9912665.0	9154392.5
Aroclor 1248	28699200	24849080	25642470	25041690	23299809
(2)	41673160	38416730	38815625	37172725	33977438
(3)	29400580	26402280	25726690	24822645	22978405
(4)	5176140.0	3194500.0	3549275.0	3830442.5	3633113.8
(5)	60072880	52828360	50834220	49696985	45108495
Aroclor 1254	48920340	45861060	42966395	39681870	36652405
(2)	37442740	35675540	34903690	33955608	31539665
(3)	13301180	13784790	14773385	14324600	13243900
(4)	31100820	31625590	31324490	30074368	28031413
(5)	29637900	29193590	29596970	27661428	26321760
Aroclor 1260	17023740	15902120	16237710	15831953	15029933
(2)	44689640	43279150	43357770	41535685	39737995
(3)	41509180	40615510	39865945	38638843	37346798
(4)	62202740	64352750	65035690	64346675	61608919
(5)	13867580	14245220	14659765	14771083	14775205
=====	=====	=====	=====	=====	=====
Tetrachloro-m-xylene	480822200	481992400	468483120	441244500	412829810
Decachlorobiphenyl	443867500	437396600	420004560	389051790	354447525

FORM VI 8082

FORM 6
8082 INITIAL CALIBRATION DATA

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date(s): 08/14/07 08/14/0

Column: RTX-CLPESTICIDES ID: 0.53 (mm) Calibration Time(s): 1532

COMPOUND	CURVE	COEFFICIENT A1	%RSD OR R^2	MAX %RSD OR R^2
=====	=====	=====	=====	=====
Aroclor 1016	AVRG	14721375.0	13.674	20.000
(2)	AVRG	23145952.8	12.004	20.000
(3)	AVRG	47840334.3	9.711	20.000
(4)	AVRG	20742851.8	11.424	20.000
(5)	AVRG	12011959.5	5.138	20.000
Aroclor 1221	AVRG	7065885.00	0.000	20.000
(2)	AVRG	21991635.0	0.000	20.000
(3)	AVRG	1899575.00	0.000	20.000
(4)	AVRG	1657755.00	0.000	20.000
(5)	AVRG	3405560.00	0.000	20.000
Aroclor 1232	AVRG	18664580.0	0.000	20.000
(2)	AVRG	12781620.0	0.000	20.000
(3)	AVRG	25510780.0	0.000	20.000
(4)	AVRG	10899290.0	0.000	20.000
(5)	AVRG	5790040.00	0.000	20.000
Aroclor 1242	AVRG	12487682.8	14.480	20.000
(2)	AVRG	19159046.3	10.908	20.000
(3)	AVRG	39921888.5	9.157	20.000
(4)	AVRG	17407895.5	13.912	20.000
(5)	AVRG	9986601.50	9.790	20.000
Aroclor 1248	AVRG	25506449.8	7.775	20.000
(2)	AVRG	38011135.5	7.347	20.000
(3)	AVRG	25866120.0	9.113	20.000
(4)	AVRG	3876694.25	19.656	20.000
(5)	AVRG	51708188.0	10.574	20.000
Aroclor 1254	AVRG	42816414.0	11.344	20.000
(2)	AVRG	34703448.5	6.290	20.000
(3)	AVRG	13885571.0	4.756	20.000
(4)	AVRG	30431336.0	4.807	20.000
(5)	AVRG	28482329.5	5.096	20.000
Aroclor 1260	AVRG	16005091.0	4.509	20.000
(2)	AVRG	42520048.0	4.508	20.000
(3)	AVRG	39595255.0	4.140	20.000
(4)	AVRG	63509354.8	2.370	20.000
(5)	AVRG	14463770.5	2.750	20.000
=====	=====	=====	=====	=====
Tetrachloro-m-xylene	AVRG	457074406	6.493	20.000
Decachlorobiphenyl	AVRG	408953595	9.081	20.000

FORM VI 8082

FORM 7B
8082 CALIBRATION VERIFICATION SUMMARY

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date: 08/10/07

Time: 0346

Lab File ID: D4639284

Init. Calib. Date(s): 08/01/07

08/01/07

Init. Calib. Times: 1558

1725

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm)

COMPOUND	RRF OR AMOUNT	RRF3e-002 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	36108217	34031860	0.01	5.75	15.00	AVRG
(2)	77805831	82677635	0.01	-6.26	15.00	AVRG
(3)	155415551	153568020	0.01	1.19	15.00	AVRG
(4)	51925316	59008485	0.01	-13.64	15.00	AVRG
(5)	69001636	75145115	0.01	-8.90	15.00	AVRG
Aroclor 1260	95764974	101020555	0.01	-5.49	15.00	AVRG
(2)	90068480	94189360	0.01	-4.58	15.00	AVRG
(3)	44650998	47338235	0.01	-6.02	15.00	AVRG
(4)	194007517	209502665	0.01	-7.99	15.00	AVRG
(5)	44182261	50495775	0.01	-14.29	15.00	AVRG
=====	=====	=====	=====	=====	=====	=====
Tetrachloro-m-xylene	1.67e+009	1.71e+009	0.01	-2.40	15.00	AVRG
Decachlorobiphenyl	1.3e+009	1.28e+009	0.01	1.54	15.00	AVRG

FORM VII 8082

FORM 7B
8082 CALIBRATION VERIFICATION SUMMARY

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date: 08/10/07

Time: 1403

Lab File ID: D4639302

Init. Calib. Date(s): 08/01/07

08/01/07

Init. Calib. Times: 1558

1725

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm)

COMPOUND	RRF OR AMOUNT	RRF3e-002 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	36108217	35891995	0.01	0.60	15.00	AVRG
(2)	77805831	82889265	0.01	-6.53	15.00	AVRG
(3)	155415551	149130260	0.01	4.04	15.00	AVRG
(4)	51925316	53359595	0.01	-2.76	15.00	AVRG
(5)	69001636	72107285	0.01	-4.50	15.00	AVRG
Aroclor 1260	95764974	93226025	0.01	2.65	15.00	AVRG
(2)	90068480	89175155	0.01	0.99	15.00	AVRG
(3)	44650998	43317795	0.01	2.98	15.00	AVRG
(4)	194007517	200370390	0.01	-3.28	15.00	AVRG
(5)	44182261	47119440	0.01	-6.65	15.00	AVRG
=====	=====	=====	=====	=====	=====	=====
Tetrachloro-m-xylene	1.67e+009	1.64e+009	0.01	1.80	15.00	AVRG
Decachlorobiphenyl	1.3e+009	1.19e+009	0.01	8.46	15.00	AVRG

FORM VII 8082

FORM 7B
8082 CALIBRATION VERIFICATION SUMMARY

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date: 08/15/07

Time: 0200

Lab File ID: D4640037

Init. Calib. Date(s): 08/14/07

08/14/07

Init. Calib. Times: 1550

1700

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm)

COMPOUND	RRF OR AMOUNT	RRF3e-002 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
=====	=====	=====	=====	=====	=====	=====	
Aroclor 1016	36222745	43213800	0.01	-19.30	15.00	AVRG	< -
(2)	75798976	72653795	0.01	4.15	15.00	AVRG	
(3)	140787132	141671300	0.01	-0.63	15.00	AVRG	
(4)	65347352	68937345	0.01	-5.49	15.00	AVRG	
(5)	49167685	54435980	0.01	-10.71	15.00	AVRG	
Aroclor 1260	132056328	135124265	0.01	-2.32	15.00	AVRG	
(2)	86066982	89144260	0.01	-3.58	15.00	AVRG	
(3)	71102332	74067475	0.01	-4.17	15.00	AVRG	
(4)	187716520	191042605	0.01	-1.77	15.00	AVRG	
(5)	47620073	48195585	0.01	-1.21	15.00	AVRG	
=====	=====	=====	=====	=====	=====	=====	
Tetrachloro-m-xylene	1.52e+009	1.54e+009	0.01	-1.32	15.00	AVRG	
Decachlorobiphenyl	1.23e+009	1.25e+009	0.01	-1.63	15.00	AVRG	

FORM VII 8082

FORM 7B
8082 CALIBRATION VERIFICATION SUMMARY

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date: 08/15/07

Time: 1255

Lab File ID: D4640047

Init. Calib. Date(s): 08/14/07

08/14/07

Init. Calib. Times: 1550

1700

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm)

COMPOUND	RRF OR AMOUNT	RRF3e-002 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE	
=====	=====	=====	=====	=====	=====	=====	
Aroclor 1016	36222745	42587050	0.01	-17.57	15.00	AVRG	<-
(2)	75798976	76228010	0.01	-0.57	15.00	AVRG	
(3)	140787132	149280660	0.01	-6.03	15.00	AVRG	
(4)	65347352	76295290	0.01	-16.75	15.00	AVRG	<-
(5)	49167685	57161905	0.01	-16.26	15.00	AVRG	<-
Aroclor 1260	132056328	133707260	0.01	-1.25	15.00	AVRG	
(2)	86066982	89729790	0.01	-4.26	15.00	AVRG	
(3)	71102332	72216305	0.01	-1.57	15.00	AVRG	
(4)	187716520	187495410	0.01	0.12	15.00	AVRG	
(5)	47620073	47236505	0.01	0.80	15.00	AVRG	
=====	=====	=====	=====	=====	=====	=====	
Tetrachloro-m-xylene	1.52e+009	1.55e+009	0.01	-1.97	15.00	AVRG	
Decachlorobiphenyl	1.23e+009	1.19e+009	0.01	3.25	15.00	AVRG	

FORM VII 8082

FORM 7B
8082 CALIBRATION VERIFICATION SUMMARY

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date: 08/15/07 Time: 0200

Lab File ID: C4640037

Init. Calib. Date(s): 08/14/07 08/14/07

Init. Calib. Times: 1550 1700

GC Column: RTX-CLPESTICIDES ID: 0.53 (mm)

COMPOUND	RRF OR AMOUNT	RRF3e-002 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	14721375	15239875	0.01	-3.52	15.00	AVRG
(2)	23145953	24613880	0.01	-6.34	15.00	AVRG
(3)	47840334	48787430	0.01	-1.98	15.00	AVRG
(4)	20742852	21690180	0.01	-4.57	15.00	AVRG
(5)	12011960	12217250	0.01	-1.71	15.00	AVRG
Aroclor 1260	16005091	16725255	0.01	-4.50	15.00	AVRG
(2)	42520048	44311305	0.01	-4.21	15.00	AVRG
(3)	39595255	41021200	0.01	-3.60	15.00	AVRG
(4)	63509355	64877545	0.01	-2.15	15.00	AVRG
(5)	14463771	15098525	0.01	-4.39	15.00	AVRG
=====	=====	=====	=====	=====	=====	=====
Tetrachloro-m-xylene	457074406	479538880	0.01	-4.91	15.00	AVRG
Decachlorobiphenyl	408953595	427376260	0.01	-4.50	15.00	AVRG

FORM VII 8082

FORM 7B
8082 CALIBRATION VERIFICATION SUMMARY

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Instrument ID: HP5890-4

Calibration Date: 08/15/07

Time: 1255

Lab File ID: C4640047

Init. Calib. Date(s): 08/14/07

08/14/07

Init. Calib. Times: 1550

1700

GC Column: RTX-CLPESTICIDES ID: 0.53 (mm)

COMPOUND	RRF OR AMOUNT	RRF3e-002 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	14721375	15095065	0.01	-2.54	15.00	AVRG
(2)	23145953	24595045	0.01	-6.26	15.00	AVRG
(3)	47840334	48263975	0.01	-0.88	15.00	AVRG
(4)	20742852	21570725	0.01	-3.99	15.00	AVRG
(5)	12011960	12027130	0.01	-0.13	15.00	AVRG
Aroclor 1260	16005091	15946575	0.01	0.36	15.00	AVRG
(2)	42520048	42764430	0.01	-0.57	15.00	AVRG
(3)	39595255	39473075	0.01	0.31	15.00	AVRG
(4)	63509355	62882430	0.01	0.99	15.00	AVRG
(5)	14463771	14259645	0.01	1.41	15.00	AVRG
=====	=====	=====	=====	=====	=====	=====
Tetrachloro-m-xylene	457074406	468749400	0.01	-2.55	15.00	AVRG
Decachlorobiphenyl	408953595	408036260	0.01	0.22	15.00	AVRG

FORM VII 8082

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Init. Calib. Date(s): 08/01/07 08/01

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 1.70				DCB: 8.70			
CLIENT		LAB		DATE		TIME	
SAMPLE NO.		SAMPLE ID		ANALYZED		ANALYZED	
=====		=====		=====		=====	
01	AR16601 0.02	AR16601 0.02		08/01/07		1558	
02	AR16601 0.05	AR16601 0.05		08/01/07		1615	
03	AR16602 0.1N	AR16602 0.1N		08/01/07		1632	
04	AR16603 0.2N	AR16603 0.2N		08/01/07		1650	
05	AR16604 0.4N	AR16604 0.4N		08/01/07		1707	
06	AR16605 0.8N	AR16605 0.8N		08/01/07		1725	
07	AR12212 0.2N	AR12212 0.2N		08/01/07		1742	
08	AR12322 0.1N	AR12322 0.1N		08/01/07		1759	
09	AR12422 0.1N	AR12422 0.1N		08/01/07		1817	
10	AR12482 0.1N	AR12482 0.1N		08/01/07		1834	
11	AR12542 0.1N	AR12542 0.1N		08/01/07		1852	
12	AR16603 0.2N	AR16603 0.2N		08/10/07		0346	
						1.70	8.70
						1.69	8.70
						1.70	8.70
						1.70	8.70
						1.69	8.70
						1.70	8.69
						1.70	8.70
						1.69	8.70
						1.70	8.70
						1.70	8.70
						1.70	8.70
						1.70	8.67

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

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

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Init. Calib. Date(s): 08/01/07 08/01

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
TCX: 1.70			DCB: 8.70		
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
=====	=====	=====	=====	=====	=====
01 PIBLK	PIBLK	08/10/07	0421	1.70	8.67
02 MB 220-8533/	MB 220-8533/	08/10/07	0953	1.69	8.67
03 LCS 220-8533	LCS 220-8533	08/10/07	1010	1.70	8.67
04 MW-DUPE	220-2382-B-1	08/10/07	1120	1.70	8.67
05 MW-4S	220-2382-A-2	08/10/07	1138	1.70	8.67
06 MW-4D	220-2382-C-3	08/10/07	1155	1.70	8.67
07 MW-2S	220-2382-B-4	08/10/07	1213	1.70	8.67
08 MW-1D	220-2382-A-5	08/10/07	1230	1.70	8.67
09 MW-1S	220-2382-A-6	08/10/07	1248	1.70	8.67
10 MW-1D	220-2382-B-7	08/10/07	1305	1.70	8.67
11 MW-3AMS	220-2382-A-3	08/10/07	1323	1.70	8.67
12 MW-3AMSD	220-2382-B-3	08/10/07	1340	1.70	8.68

QC LIMITS

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

DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

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

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Init. Calib. Date(s): 08/01/07 08/01

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
TCX: 1.70			DCB: 8.70		
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
=====	=====	=====	=====	=====	=====
01 AR16603 0.2N	AR16603 0.2N	08/10/07	1403	1.70	8.67
02 PIBLK	PIBLK	08/10/07	1559	1.70	8.67
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					

QC LIMITS

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

DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

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

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Init. Calib. Date(s): 08/14/07 08/14

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 1.84				DCB: 8.78			
CLIENT	LAB	DATE	TIME	TCX	DCB		
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT #	RT #		
=====	=====	=====	=====	=====	=====		
01 AR16601 0.05	AR16601 0.05	08/14/07	1550	1.83	8.78		
02 AR16602 0.1N	AR16602 0.1N	08/14/07	1607	1.84	8.79		
03 AR16603 0.2N	AR16603 0.2N	08/14/07	1625	1.83	8.78		
04 AR16604 0.4N	AR16604 0.4N	08/14/07	1642	1.84	8.79		
05 AR16605 0.8N	AR16605 0.8N	08/14/07	1700	1.84	8.78		
06 AR12212 0.2N	AR12212 0.2N	08/14/07	1717	1.84	8.79		
07 AR12322 0.1N	AR12322 0.1N	08/14/07	1735	1.84	8.79		
08 AR12421 0.05	AR12421 0.05	08/14/07	1752	1.84	8.78		
09 AR12422 0.1N	AR12422 0.1N	08/14/07	1810	1.84	8.79		
10 AR12423 0.2N	AR12423 0.2N	08/14/07	1827	1.84	8.79		
11 AR12424 0.4N	AR12424 0.4N	08/14/07	1845	1.84	8.78		
12 AR12425 0.8N	AR12425 0.8N	08/14/07	1902	1.83	8.77		

QC LIMITS

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

DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

Column used to flag retention time values with an asterisk.

* Values outside of QC limits.

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Init. Calib. Date(s): 08/14/07 08/14

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 1.84				DCB: 8.78			
CLIENT		LAB		DATE		TIME	
SAMPLE NO.		SAMPLE ID		ANALYZED		ANALYZED	
=====		=====		=====		=====	
01	AR12481 0.05	AR12481 0.05	08/14/07	1920	1.84	8.78	
02	AR12482 0.1N	AR12482 0.1N	08/14/07	1937	1.84	8.78	
03	AR12483 0.2N	AR12483 0.2N	08/14/07	1955	1.83	8.78	
04	AR12484 0.4N	AR12484 0.4N	08/14/07	2012	1.83	8.78	
05	AR12485 0.8N	AR12485 0.8N	08/14/07	2029	1.84	8.78	
06	AR12541 0.05	AR12541 0.05	08/14/07	2047	1.84	8.78	
07	AR12542 0.1N	AR12542 0.1N	08/14/07	2104	1.83	8.78	
08	AR12543 0.2N	AR12543 0.2N	08/14/07	2122	1.84	8.78	
09	AR12544 0.4N	AR12544 0.4N	08/14/07	2139	1.83	8.78	
10	AR12545 0.8N	AR12545 0.8N	08/14/07	2156	1.83	8.78	
11	AR12622 0.1N	AR12622 0.1N	08/14/07	2214	1.84	8.78	
12	AR12682 0.1N	AR12682 0.1N	08/14/07	2231	1.83	8.78	

QC LIMITS

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

DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

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

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDESII ID: 0.53 (mm) Init. Calib. Date(s): 08/14/07 08/14

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 1.84				DCB: 8.78			
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #		
=====	=====	=====	=====	=====	=====		
01 AR16603 0.2N	AR16603 0.2N	08/15/07	0200	1.83	8.78		
02 PIBLK	PIBLK	08/15/07	0235	1.83	8.78		
03 MB 220-8593/	MB 220-8593/	08/15/07	1126	1.84	8.78		
04 LCS 220-8593	LCS 220-8593	08/15/07	1143	1.84	8.78		
05 MW-3S	220-2382-A-8	08/15/07	1201	1.84	8.78		
06 MW-3D	220-2382-A-9	08/15/07	1218	1.84	8.78		
07 AR16603 0.2N	AR16603 0.2N	08/15/07	1255	1.83	8.78		
08 PIBLK	PIBLK	08/15/07	1312	1.83	8.78		
09							
10							
11							
12							

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

QC LIMITS

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

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 08/14/07 08/14/0

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION									
TCX: 1.08					DCB: 7.75				
CLIENT		LAB		DATE		TIME		TCX	
SAMPLE NO.		SAMPLE ID		ANALYZED		ANALYZED		RT	#
=====		=====		=====		=====		=====	=====
01	AR16601 0.05	AR16601 0.05		08/14/07		1550		1.08	7.75
02	AR16602 0.1N	AR16602 0.1N		08/14/07		1607		1.08	7.75
03	AR16603 0.2N	AR16603 0.2N		08/14/07		1625		1.08	7.75
04	AR16604 0.4N	AR16604 0.4N		08/14/07		1642		1.08	7.75
05	AR16605 0.8N	AR16605 0.8N		08/14/07		1700		1.08	7.75
06	AR12212 0.2N	AR12212 0.2N		08/14/07		1717		1.08	7.75
07	AR12322 0.1N	AR12322 0.1N		08/14/07		1735		1.08	7.75
08	AR12421 0.05	AR12421 0.05		08/14/07		1752		1.08	7.75
09	AR12422 0.1N	AR12422 0.1N		08/14/07		1810		1.08	7.75
10	AR12423 0.2N	AR12423 0.2N		08/14/07		1827		1.08	7.75
11	AR12424 0.4N	AR12424 0.4N		08/14/07		1845		1.08	7.75
12	AR12425 0.8N	AR12425 0.8N		08/14/07		1902		1.07	7.75

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

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

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 08/14/07 08/14/0

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 1.08				DCB: 7.75			
CLIENT SAMPLE NO.		LAB SAMPLE ID		DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
=====		=====		=====	=====	=====	=====
01	AR12481 0.05	AR12481 0.05	AR12481 0.05	08/14/07	1920	1.08	7.75
02	AR12482 0.1N	AR12482 0.1N	AR12482 0.1N	08/14/07	1937	1.08	7.75
03	AR12483 0.2N	AR12483 0.2N	AR12483 0.2N	08/14/07	1955	1.08	7.75
04	AR12484 0.4N	AR12484 0.4N	AR12484 0.4N	08/14/07	2012	1.08	7.75
05	AR12485 0.8N	AR12485 0.8N	AR12485 0.8N	08/14/07	2029	1.08	7.75
06	AR12541 0.05	AR12541 0.05	AR12541 0.05	08/14/07	2047	1.08	7.75
07	AR12542 0.1N	AR12542 0.1N	AR12542 0.1N	08/14/07	2104	1.08	7.75
08	AR12543 0.2N	AR12543 0.2N	AR12543 0.2N	08/14/07	2122	1.08	7.75
09	AR12544 0.4N	AR12544 0.4N	AR12544 0.4N	08/14/07	2139	1.08	7.75
10	AR12545 0.8N	AR12545 0.8N	AR12545 0.8N	08/14/07	2156	1.08	7.75
11	AR12622 0.1N	AR12622 0.1N	AR12622 0.1N	08/14/07	2214	1.08	7.75
12	AR12682 0.1N	AR12682 0.1N	AR12682 0.1N	08/14/07	2231	1.08	7.75

QC LIMITS

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

DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

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

FORM 8
8082 ANALYTICAL SEQUENCE

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

GC Column: RTX-CLPESTICIDES ID: 0.53 (mm) Init. Calib. Date(s): 08/14/07 08/14/0

Instrument ID: HP5890-4

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

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
TCX: 1.08			DCB: 7.75		
CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
=====	=====	=====	=====	=====	=====
01 AR16603 0.2N	AR16603 0.2N	08/15/07	0200	1.08	7.75
02 PIBLK	PIBLK	08/15/07	0235	1.08	7.75
03 MB 220-8593/	MB 220-8593/	08/15/07	1126	1.08	7.75
04 LCS 220-8593	LCS 220-8593	08/15/07	1143	1.08	7.75
05 MW-3S	220-2382-A-8	08/15/07	1201	1.08	7.75
06 MW-3D	220-2382-A-9	08/15/07	1218	1.08	7.75
07 AR16603 0.2N	AR16603 0.2N	08/15/07	1255	1.08	7.75
08 PIBLK	PIBLK	08/15/07	1312	1.08	7.75
09					
10					
11					
12					

QC LIMITS

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

DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

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

FORM 10
8082 IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

Lab Name: STL-CT

Contract:

MW-3S

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: 220-2382-A-8-A

Date(s) Analyzed: 08/15/07 08/15/07

Instrument ID (1): HP5890-4

Instrument ID (2): HP5890-4

GC Column(1): RTX-CLPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLPESTICIDESII ID

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	RPD
=====	=====	=====	=====	=====	=====	=====	=====
Aroclor 1248	1	2.13	2.11	2.21	0.298	0.396	94.1
	2	3.04	3.00	3.10	0.530		
	3	3.31	3.26	3.36	0.358		
	4						
	5						
COLUMN 1	1	3.59	3.51	3.61	0.233	1.10	94.1
	2	3.79	3.70	3.80	2.85		
	3	4.40	4.35	4.45	0.223		
	4						
	5						
COLUMN 2	1	4.87	4.82	4.92	0.161	0.159	20.3
	2	5.08	5.02	5.12	0.179		
	3	6.00	5.95	6.05	0.138		
	4						
	5						
Aroclor 1260	1	7.07	7.02	7.12	0.473	0.195	20.3
	2	7.18	7.16	7.26	0.120		
	3	7.62	7.53	7.63	0.0969		
	4	7.76	7.72	7.82	0.0988		
	5	8.44	8.39	8.49	0.186		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

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FORM 10
8082 IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

MB 220-8593/1-A

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: MB 220-8593/1-A

Date(s) Analyzed: 08/15/07 08/15/07

Instrument ID (1): HP5890-4

Instrument ID (2): HP5890-4

GC Column(1): RTX-CLPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLPESTICIDESII ID

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	RPD
=====	=====	=====	=====	=====	=====	=====	=====
Aroclor 1260	1	5.08	5.02	5.12	0.0438	0.0381	
	2	5.25	5.20	5.30	0.0364		
	3	6.01	5.95	6.05	0.0341		
COLUMN 1	4						
	5						
COLUMN 2	1	7.21	7.16	7.26	0.0684	0.0772	67.8
	2	7.77	7.72	7.82	0.0328		
	3	8.40	8.39	8.49	0.130		
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

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FORM 10
8082 IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

LCS 220-
8533/3-A

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: LCS 220-8533/3-A

Date(s) Analyzed: 08/10/07

Instrument ID (1): HP5890-4

Instrument ID (2):

GC Column(1): RTX-CLPESTICIDESII ID: 0.53(mm) GC Column(2): ID:

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	RPD
=====	=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	1	2.29	2.24	2.34	4.80	4.93	
	2	2.80	2.76	2.86	4.86		
	3	3.40	3.35	3.45	4.73		
	4	3.71	3.67	3.77	5.58		
	5	4.22	4.18	4.28	4.68		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
Aroclor 1260	1	7.02	6.98	7.08	4.12	4.34	
	2	7.36	7.33	7.43	4.02		
	3	7.43	7.40	7.50	4.48		
	4	7.63	7.60	7.70	4.51		
	5	8.33	8.30	8.40	4.56		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

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FORM 10
8082 IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

LCS 220-
8593/3-A

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: LCS 220-8593/3-A

Date(s) Analyzed: 08/15/07 08/15/07

Instrument ID (1): HP5890-4

Instrument ID (2): HP5890-4

GC Column(1): RTX-CLPESTICIDES ID: 0.53(mm) GC Column(2): RTX-CLPESTICIDESII ID

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	RPD
=====	=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	1	1.38	1.33	1.43	3.88	4.21	
	2	1.70	1.65	1.75	4.17		
	3	2.17	2.11	2.21	4.31		
	4	2.31	2.26	2.36	4.23		
	5	2.38	2.33	2.43	4.46		
COLUMN 1	1	2.44	2.39	2.49	4.14	4.15	1.4
	2	2.97	2.92	3.02	4.15		
	3	3.57	3.52	3.62	4.12		
	4	3.75	3.70	3.80	4.18		
	5	3.89	3.84	3.94	4.15		
Aroclor 1260	1	4.87	4.82	4.92	4.25	3.87	
	2	5.08	5.02	5.12	4.50		
	3	5.25	5.20	5.30	3.62		
	4	6.00	5.95	6.05	3.71		
	5	7.31	7.26	7.36	3.25		
COLUMN 1	1	7.07	7.02	7.12	4.59	3.85	0.5
	2	7.20	7.16	7.26	3.63		
	3	7.58	7.53	7.63	3.96		
	4	7.76	7.72	7.82	3.78		
	5	8.44	8.39	8.49	3.30		
COLUMN 2	1						
	2						
	3						
	4						
	5						
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

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FORM 10
8082 IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

MW-3AMS

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: 220-2382-A-3-A MS

Date(s) Analyzed: 08/10/07

Instrument ID (1): HP5890-4

Instrument ID (2):

GC Column(1): RTX-CLPESTICIDESII ID: 0.53(mm) GC Column(2): ID:

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	RPD
=====	=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	1	2.29	2.24	2.34	2.25	2.27	
	2	2.80	2.76	2.86	2.24		
	3	3.40	3.35	3.45	2.17		
	4	3.72	3.67	3.77	2.57		
	5	4.22	4.18	4.28	2.12		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
Aroclor 1260	1	7.01	6.98	7.08	1.87	1.94	
	2	7.36	7.33	7.43	1.81		
	3	7.43	7.40	7.50	2.00		
	4	7.63	7.60	7.70	2.08		
	5	8.33	8.30	8.40	1.95		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

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FORM 10
8082 IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.

MW-3AMSD

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Lab Sample ID: 220-2382-B-3-A MSD

Date(s) Analyzed: 08/10/07

Instrument ID (1): HP5890-4

Instrument ID (2):

GC Column(1): RTX-CLPESTICIDESII ID: 0.53(mm) GC Column(2): ID:

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	RPD
=====	=====	=====	=====	=====	=====	=====	=====
Aroclor 1016	1	2.29	2.24	2.34	2.17	2.22	
	2	2.80	2.76	2.86	2.24		
	3	3.40	3.35	3.45	2.12		
	4	3.72	3.67	3.77	2.46		
	5	4.22	4.18	4.28	2.09		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
Aroclor 1260	1	7.02	6.98	7.08	1.94	2.03	
	2	7.36	7.33	7.43	1.87		
	3	7.44	7.40	7.50	2.18		
	4	7.63	7.60	7.70	2.16		
	5	8.33	8.30	8.40	2.01		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

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STANDARD CONCENTRATIONS (ng)
SW846 - 8081A/8082 Analysis

Pesticides	Level 0.5	Level 1	Level 2	Level 3	Level 4	Level 5
alpha-BHC	0.0025	0.005	0.01	0.025	0.05	0.10
beta-BHC	0.0025	0.005	0.01	0.025	0.05	0.10
delta-BHC	0.0025	0.005	0.01	0.025	0.05	0.10
gamma-BHC	0.0025	0.005	0.01	0.025	0.05	0.10
Heptachlor	0.0025	0.005	0.01	0.025	0.05	0.10
Aldrin	0.0025	0.005	0.01	0.025	0.05	0.10
Heptachlor Epoxide	0.0025	0.005	0.01	0.025	0.05	0.10
Endosulfan I	0.0025	0.005	0.01	0.025	0.05	0.10
Dieldrin	0.005	0.01	0.02	0.05	0.10	0.20
4,4'-DDE	0.005	0.01	0.02	0.05	0.10	0.20
Endrin	0.005	0.01	0.02	0.05	0.10	0.20
Endosulfan II	0.005	0.01	0.02	0.05	0.10	0.20
4,4'-DDD	0.005	0.01	0.02	0.05	0.10	0.20
Endosulfan Sulfate	0.005	0.01	0.02	0.05	0.10	0.20
4,4'-DDT	0.005	0.01	0.02	0.05	0.10	0.20
Methoxychlor	0.025	0.05	0.10	0.25	0.50	1.00
Endrin Aldehyde	0.005	0.01	0.02	0.05	0.10	0.20
Endrin Ketone	0.005	0.01	0.02	0.05	0.10	0.20
alpha-Chlordane	0.0025	0.005	0.01	0.025	0.05	0.10
gamma-Chlordane	0.0025	0.005	0.01	0.025	0.05	0.10
Toxaphene	0.1	0.20	0.50	1.00	2.00	4.00
Technical Chlordane	0.025	0.05	0.10	0.20	0.40	0.80
Tetrachloro-m-xylene (surrogate)	0.0025	0.005	0.01	0.025	0.05	0.10
Decachlorobiphenyl (surrogate)	0.005	0.01	0.02	0.05	0.10	0.20
* Isodrin		0.005	0.01	0.025	0.05	0.10
* Chlorobenzilate		0.05	0.10	0.25	0.50	1.00

* Appendix 9 compounds

Aroclors	Level 1	Level 2	Level 3	Level 4	Level 5
PCB-1016	0.05	0.10	0.20	0.40	0.80
PCB-1221	0.10	0.20	0.40	0.80	1.6
PCB-1232	0.05	0.10	0.20	0.40	0.80
PCB-1242	0.05	0.10	0.20	0.40	0.80
PCB-1248	0.05	0.10	0.20	0.40	0.80
PCB-1254	0.05	0.10	0.20	0.40	0.80
PCB-1260	0.05	0.10	0.20	0.40	0.80

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4639.b\\D4639001.d
Lab Smp Id: AR16601 0.025ng Client Smp ID: AR16601 0.025ng
Inj Date : 01-AUG-2007 15:58
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16601 0.025ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4639.b\\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 15:58 Cal File: D4639001.d
Als bottle: 3 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

					AMOUNTS	
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	4764832	0.00250	0.00286 (M)
2 Aroclor 1016	2.296	2.290	0.006	625065	0.02500	0.0173 (M)
29 Aroclor 1260	7.033	7.032	0.001	2470265	0.02500	0.0258 (M)
\$ 34 Decachlorobiphenyl	8.696	8.695	0.001	7768075	0.00500	0.00599 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4639.b\\D4639001.d
Lab Smp Id: AR16601 0.025ng Client Smp ID: AR16601 0.025ng
Inj Date : 01-AUG-2007 15:58
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16601 0.025ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4639.b\\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 15:58 Cal File: D4639001.d
Als bottle: 3 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

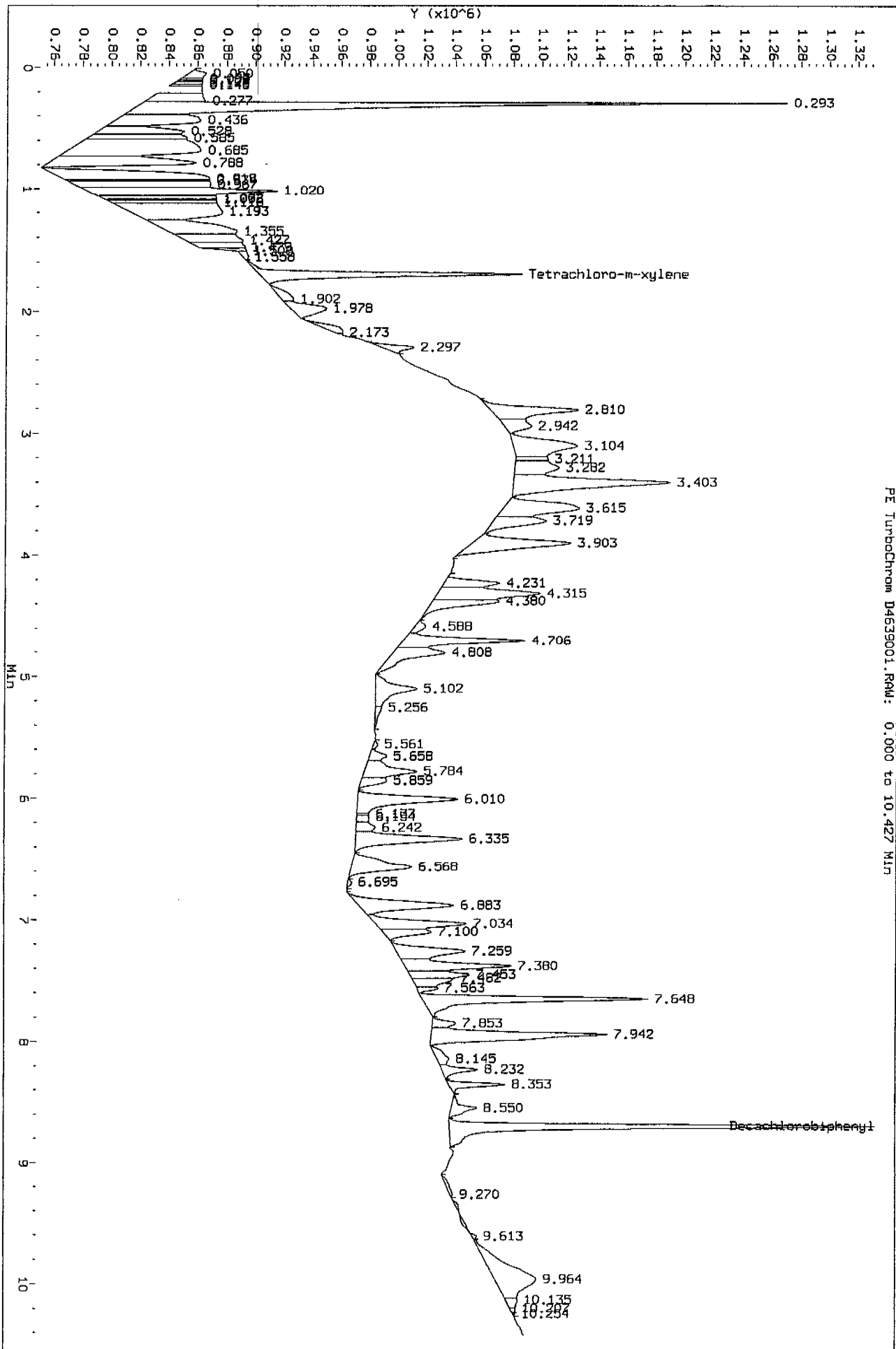
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.050	430559	12003	0.028	0.2778	
0.093	137215	15545	0.113	0.0885	
0.108	111500	17314	0.155	0.0719	
0.125	285566	19504	0.068	0.1842	
0.145	175886	21987	0.125	0.1135	
0.277	1548248	41831	0.027	0.9988	
0.293	11120012	450563	0.041	7.1740	
0.436	3001715	59625	0.020	1.9364	
0.528	1975356	60589	0.031	1.2743	
0.585	1637719	69864	0.043	1.0565	
0.685	6892417	92752	0.013	4.4463	
0.788	4219661	103023	0.024	2.7221	
0.918	4607737	101940	0.022	2.9725	
0.934	740219	99353	0.134	0.4775	
0.967	2823832	94417	0.033	1.8217	
1.020	4448622	131891	0.030	2.8698	
1.082	1341626	79236	0.059	0.8655	
1.093	547178	77187	0.141	0.3530	
1.118	1056015	73135	0.069	0.6812	
1.193	4877228	64406	0.013	3.1463	
1.355	2900317	47551	0.016	1.8710	
1.427	1629128	39502	0.024	1.0510	
1.479	835361	32250	0.039	0.5389	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.508	338919	9147	0.027	0.2186	
1.558	172130	3978	0.023	0.1110	
1.696	4764832	183006	0.038	3.0738	\$ 1 Tetrachloro-m-xylen
1.902	516079	8296	0.016	0.3329	
1.978	1289492	24730	0.019	0.8319	
2.173	533127	5841	0.011	0.3439	
2.297	625065	22338	0.036	0.4032	2 Aroclor 1016
2.810	2680916	61455	0.023	1.7295	2 Aroclor 1016
2.942	1020768	19196	0.019	0.6585	
3.104	3099479	45257	0.015	1.9995	
3.211	466768	22741	0.049	0.3011	
3.282	1811912	31018	0.017	1.1689	
3.403	5530650	109388	0.020	3.5679	2 Aroclor 1016
3.615	3271586	53322	0.016	2.1105	
3.719	1743750	36900	0.021	1.1249	2 Aroclor 1016
3.903	3517329	68619	0.020	2.2691	
4.231	1330953	38345	0.029	0.8586	2 Aroclor 1016
4.315	3273350	71474	0.022	2.1117	
4.380	1727185	46359	0.027	1.1142	
4.588	335086	7697	0.023	0.2162	
4.706	3000818	84737	0.028	1.9358	
4.808	2072617	36561	0.018	1.3371	
5.102	1820132	28902	0.016	1.1742	
5.256	238603	4322	0.018	0.1539	
5.561	94318	3102	0.033	0.0608	
5.658	443443	11958	0.027	0.2861	
5.784	1814189	36921	0.020	1.1703	
5.859	641775	17858	0.028	0.4140	
6.010	3167763	70220	0.022	2.0435	
6.133	92366	8725	0.094	0.0596	
6.154	289740	8663	0.030	0.1869	
6.242	529566	13612	0.026	0.3416	
6.335	3158842	74757	0.024	2.0378	
6.568	2348342	42437	0.018	1.5149	
6.695	77353	2799	0.036	0.0499	
6.883	3020409	66438	0.022	1.9485	
7.034	2470265	63229	0.026	1.5936	29 Aroclor 1260
7.100	1121620	33760	0.030	0.7236	
7.259	2231012	47973	0.022	1.4392	
7.380	2654559	74060	0.028	1.7125	29 Aroclor 1260
7.453	1295487	41583	0.032	0.8357	29 Aroclor 1260
7.482	913484	29433	0.032	0.5893	
7.563	300287	14576	0.049	0.1937	
7.648	4985538	157499	0.032	3.2162	29 Aroclor 1260
7.853	521836	16327	0.031	0.3366	
7.942	4864511	122421	0.025	3.1381	
8.145	559415	8439	0.015	0.3609	
8.232	740416	24947	0.034	0.4776	
8.353	917470	38952	0.042	0.5919	29 Aroclor 1260
8.550	724510	17366	0.024	0.4674	
8.697	7768075	295025	0.038	5.0112	\$ 34 Decachlorobiphenyl
9.270	187001	1824	0.010	0.1206	
9.613	11705	3159	0.270	0.0076	
9.964	4154424	29015	0.007	2.6800	
10.135	292102	8259	0.028	0.1884	
10.207	79110	3733	0.047	0.0510	
10.254	17658	1399	0.079	0.0114	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
	155013251	4219566		100.000	

Total unknown % area = 76.3

Data File: \\Target1.ctc\\Files\\chem\\GC\\np5890-4.1\\CD4639.b\\D4639001.D\\D4639001.RAW
Injection Date: 01-AUG-2007 15:38
Instrument: np5890-4.1
Client Sample ID: AR16601 0.025mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4639.b\\D4639002.d
Lab Smp Id: AR16601 0.05ng Client Smp ID: AR16601 0.05ng
Inj Date : 01-AUG-2007 16:15
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16601 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4639.b\\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 16:15 Cal File: D4639002.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGCC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.693	1.695	-0.002	8537161	0.00500	0.00512 (M)
2 Aroclor 1016	2.291	2.291	0.000	1583782	0.05000	0.0439 (M)
29 Aroclor 1260	7.035	7.032	0.003	5204530	0.05000	0.0543 (M)
\$ 34 Decachlorobiphenyl	8.698	8.695	0.003	14788109	0.01000	0.0114 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639002.d
Lab Smp Id: AR16601 0.05ng Client Smp ID: AR16601 0.05ng
Inj Date : 01-AUG-2007 16:15
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16601 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 16:15 Cal File: D4639002.d
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

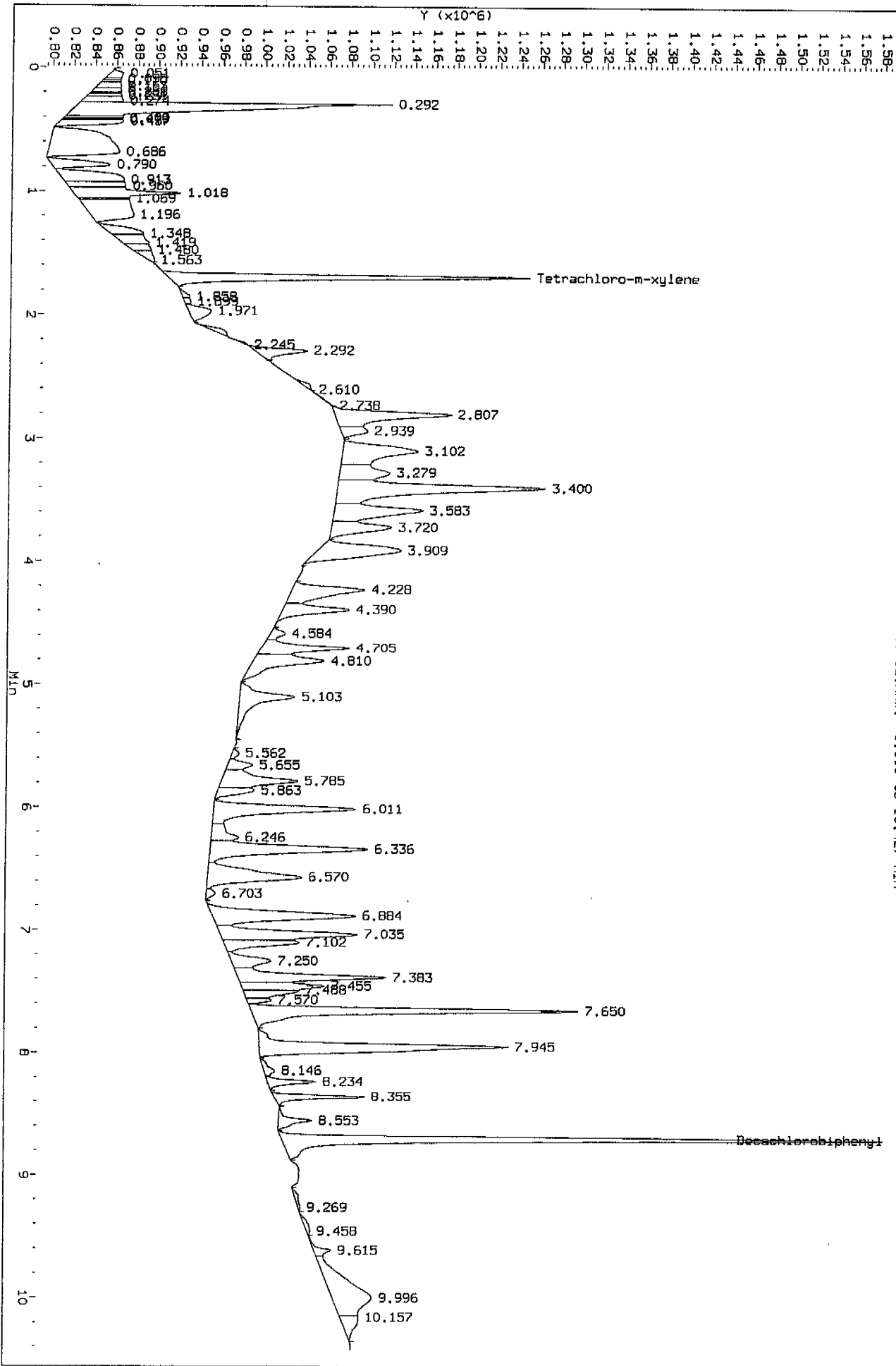
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.051	428903	12434	0.029	0.2106	
0.095	148721	15681	0.105	0.0730	
0.110	189467	17118	0.090	0.0930	
0.153	579831	22713	0.039	0.2847	
0.191	527450	27295	0.052	0.2590	
0.208	234184	29285	0.125	0.1150	
0.231	410748	32346	0.079	0.2017	
0.274	965036	39599	0.041	0.4739	
0.292	10147842	294279	0.029	4.9834	
0.408	706035	55545	0.079	0.3467	
0.419	295272	56539	0.191	0.1450	
0.437	1611930	59225	0.037	0.7916	
0.686	7285537	67255	0.009	3.5778	
0.790	1799117	54512	0.030	0.8835	
0.913	2760514	56928	0.021	1.3556	
0.960	1548680	54209	0.035	0.7605	
1.018	3570965	100959	0.028	1.7536	
1.069	329644	47900	0.145	0.1619	
1.196	4195362	40855	0.010	2.0603	
1.348	1239864	31048	0.025	0.6089	
1.419	1209978	25293	0.021	0.5942	
1.480	650842	18562	0.029	0.3196	
1.563	562302	4810	0.009	0.2761	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
1.693	8537162	338958	0.040	4.1925	\$ 1 Tetrachloro-m-xylen
1.858	211868	6817	0.032	0.1040	
1.899	175781	5711	0.032	0.0863	
1.971	1109889	21040	0.019	0.5450	
2.245	425954	709	0.002	0.2092	
2.292	1583782	49363	0.031	0.7778	2 Aroclor 1016
2.610	215303	1406	0.007	0.1057	
2.738	84846	1108	0.013	0.0417	
2.807	4769397	109459	0.023	2.3422	2 Aroclor 1016
2.939	976370	24903	0.026	0.4795	
3.102	4805114	70784	0.015	2.3597	
3.279	2840713	46834	0.016	1.3950	
3.400	9772022	195101	0.020	4.7989	2 Aroclor 1016
3.583	4473220	83203	0.019	2.1967	
3.720	2677063	55791	0.021	1.3147	2 Aroclor 1016
3.909	4915006	77993	0.016	2.4137	
4.228	3661913	68109	0.019	1.7983	2 Aroclor 1016
4.390	2557222	62201	0.024	1.2558	
4.584	537288	13858	0.026	0.2639	
4.705	3164112	82184	0.026	1.5538	
4.810	3754476	66251	0.018	1.8438	
5.103	3425907	51722	0.015	1.6824	
5.562	236386	6628	0.028	0.1161	
5.655	882311	23579	0.027	0.4333	
5.785	3596848	71728	0.020	1.7664	
5.863	1216975	34449	0.028	0.5976	
6.011	5874643	133065	0.023	2.8849	
6.246	1372732	25565	0.019	0.6741	
6.336	6526358	147469	0.023	3.2050	
6.570	5193156	88270	0.017	2.5503	
6.703	308943	8674	0.028	0.1517	
6.884	6398578	133740	0.021	3.1422	
7.035	5204530	128264	0.025	2.5559	29 Aroclor 1260
7.102	2397547	70829	0.030	1.1774	
7.250	1772644	37319	0.021	0.8705	
7.383	4829395	138787	0.029	2.3716	29 Aroclor 1260
7.455	2541622	77884	0.031	1.2482	29 Aroclor 1260
7.488	1495192	52781	0.035	0.7343	
7.570	510345	22629	0.044	0.2506	
7.650	9869785	306785	0.031	4.8469	29 Aroclor 1260
7.945	9487838	233858	0.025	4.6593	
8.146	475665	9866	0.021	0.2336	
8.234	1139337	45203	0.040	0.5595	
8.355	1971623	84200	0.043	0.9682	29 Aroclor 1260
8.553	1071539	31326	0.029	0.5262	
8.698	14788109	562491	0.038	7.2627	\$ 34 Decachlorobiphenyl
9.269	267318	2163	0.008	0.1313	
9.458	321739	3056	0.009	0.1580	
9.615	519192	15437	0.030	0.2550	
9.996	6125409	36709	0.006	3.0081	
10.157	1162582	16847	0.014	0.5709	
203630968		5147496		100.000	

Total unknown % area = 65.5

PE TurboChrom D4639002.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639003.d
Lab Smp Id: AR16602 0.1ng Client Smp ID: AR16602 0.1ng
Inj Date : 01-AUG-2007 16:32
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16602 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	16849688	0.01000	0.0101 (M)
2 Aroclor 1016	2.291	2.291	0.000	3811196	0.10000	0.106 (M)
29 Aroclor 1260	7.030	7.032	-0.002	9964141	0.10000	0.104 (M)
\$ 34 Decachlorobiphenyl	8.696	8.695	0.001	26695073	0.02000	0.0206 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639003.d
Lab Smp Id: AR16602 0.1ng Client Smp ID: AR16602 0.1ng
Inj Date : 01-AUG-2007 16:32
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16602 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

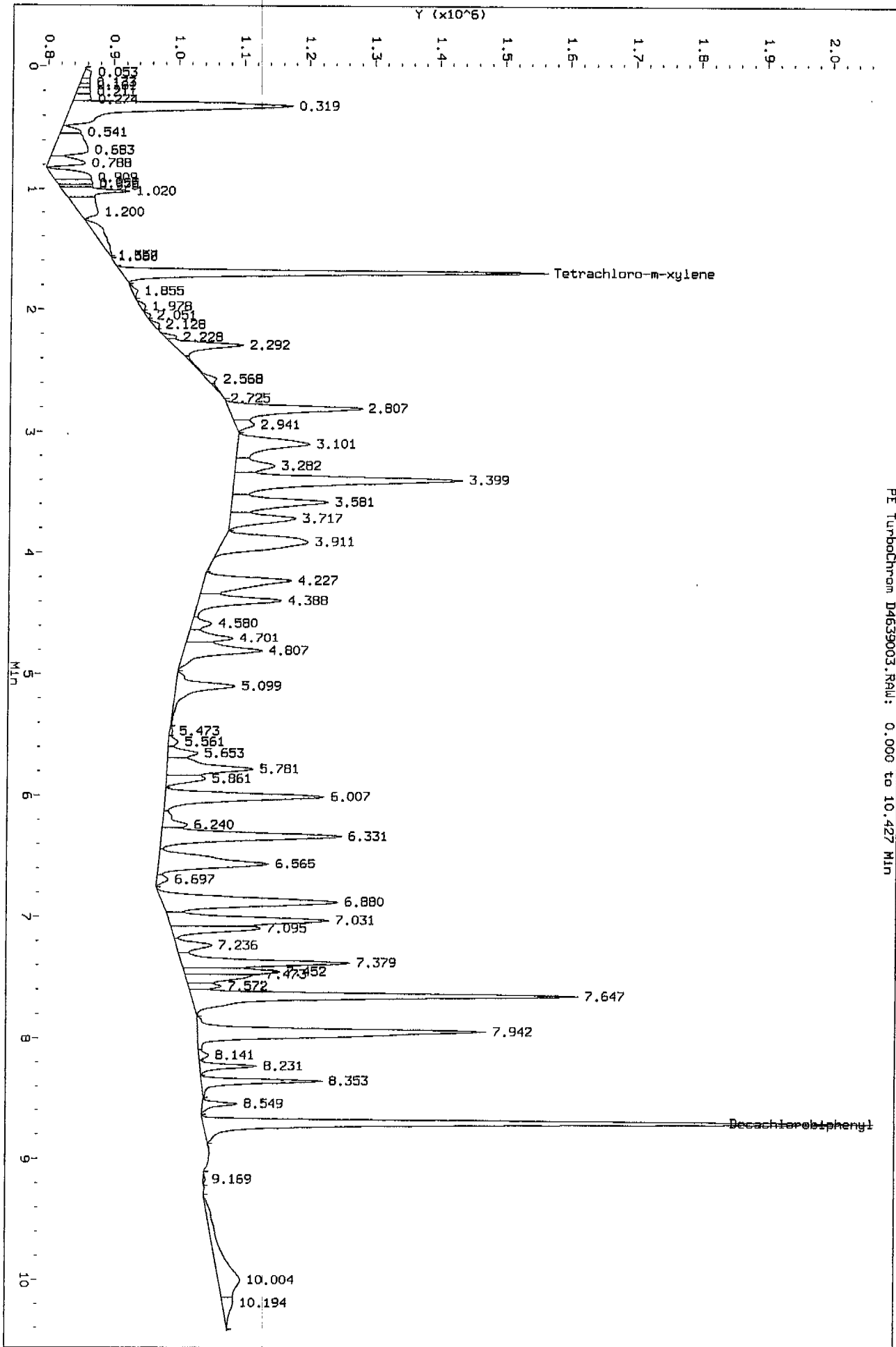
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.053	416783	10545	0.025	0.1299	
0.133	336477	14804	0.044	0.1049	
0.161	347285	17031	0.049	0.1083	
0.211	592562	20929	0.035	0.1847	
0.274	824413	27567	0.033	0.2570	
0.319	15770003	339523	0.022	4.9157	
0.541	840309	31547	0.038	0.2619	
0.683	4789562	53206	0.011	1.4930	
0.788	2188317	56812	0.026	0.6821	
0.909	2642572	57802	0.022	0.8237	
0.955	1371431	53611	0.039	0.4275	
0.975	598162	50534	0.084	0.1865	
1.020	3290257	101911	0.031	1.0256	
1.200	3308725	29204	0.009	1.0314	
1.557	2040681	2867	0.001	0.6361	
1.568	9991	1423	0.142	0.0031	
1.695	16849689	654451	0.039	5.2523	\$ 1 Tetrachloro-m-xylen
1.855	350266	8885	0.025	0.1092	
1.978	318128	8471	0.027	0.0992	
2.051	185985	7697	0.041	0.0580	
2.128	296711	9885	0.033	0.0925	
2.228	400272	17722	0.044	0.1248	
2.292	3811196	106728	0.028	1.1880	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
2.568	748470	15202	0.020	0.2333	
2.725	180604	453	0.003	0.0563	
2.807	8295943	205043	0.025	2.5860	2 Aroclor 1016
2.941	1160852	28724	0.025	0.3619	
3.101	6381700	110007	0.017	1.9893	
3.282	2983890	60298	0.020	0.9301	
3.399	15924073	350169	0.022	4.9638	2 Aroclor 1016
3.581	7136185	147464	0.021	2.2245	
3.717	4734957	101162	0.021	1.4760	2 Aroclor 1016
3.911	9210812	130853	0.014	2.8711	
4.227	7206557	133655	0.019	2.2464	2 Aroclor 1016
4.388	5636769	127089	0.023	1.7571	
4.580	1217364	30061	0.025	0.3795	
4.701	2891077	69028	0.024	0.9012	
4.807	6298411	119498	0.019	1.9633	
5.099	4916141	89958	0.018	1.5324	
5.473	175701	4627	0.026	0.0548	
5.561	546067	14579	0.027	0.1702	
5.653	1710953	45797	0.027	0.5333	
5.781	6543475	131554	0.020	2.0397	
5.861	2195386	59106	0.027	0.6843	
6.007	9997444	242219	0.024	3.1164	
6.240	1670234	37840	0.023	0.5206	
6.331	11851803	274300	0.023	3.6944	
6.565	9826888	168217	0.017	3.0632	
6.697	638865	17442	0.027	0.1991	
6.880	13029680	267203	0.021	4.0615	
7.031	9964142	243706	0.024	3.1060	29 Aroclor 1260
7.095	4287092	135867	0.032	1.3364	
7.236	2180615	53870	0.025	0.6797	
7.379	8953474	256897	0.029	2.7909	29 Aroclor 1260
7.452	4003407	146475	0.037	1.2479	29 Aroclor 1260
7.473	3488115	112124	0.032	1.0873	
7.572	1304188	49916	0.038	0.4065	
7.647	19639819	592362	0.030	6.1220	29 Aroclor 1260
7.942	18117625	441493	0.024	5.6475	
8.141	507084	14972	0.030	0.1581	
8.231	2145905	87080	0.041	0.6689	
8.353	4757039	185196	0.039	1.4828	29 Aroclor 1260
8.549	1342622	52992	0.039	0.4185	
8.697	26695073	1024358	0.038	8.3212	\$ 34 Decachlorobiphenyl
9.169	98634	2823	0.029	0.0307	
10.004	7194988	33422	0.005	2.2428	
10.194	1436120	16526	0.012	0.4477	
=====	=====	=====	=====	=====	
	320806015	8114782		100.000	

Total unknown % area = 59.2

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4539.b\D4639003.d\D4639003.RAW
Injection Date: 01-AUG-2007 16:32
Instrument: hp5890-4.1
Client Sample ID: AR16602 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639004.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 01-AUG-2007 16:50
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 16:50 Cal File: D4639004.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	40069123	0.02500	0.0240 (M)
2 Aroclor 1016	2.295	2.292	0.003	8352826	0.20000	0.231 (M)
29 Aroclor 1260	7.033	7.032	0.001	19495556	0.20000	0.204 (M)
\$ 34 Decachlorobiphenyl	8.696	8.695	0.001	61523029	0.05000	0.0475 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639004.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 01-AUG-2007 16:50
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 16:50 Cal File: D4639004.d
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

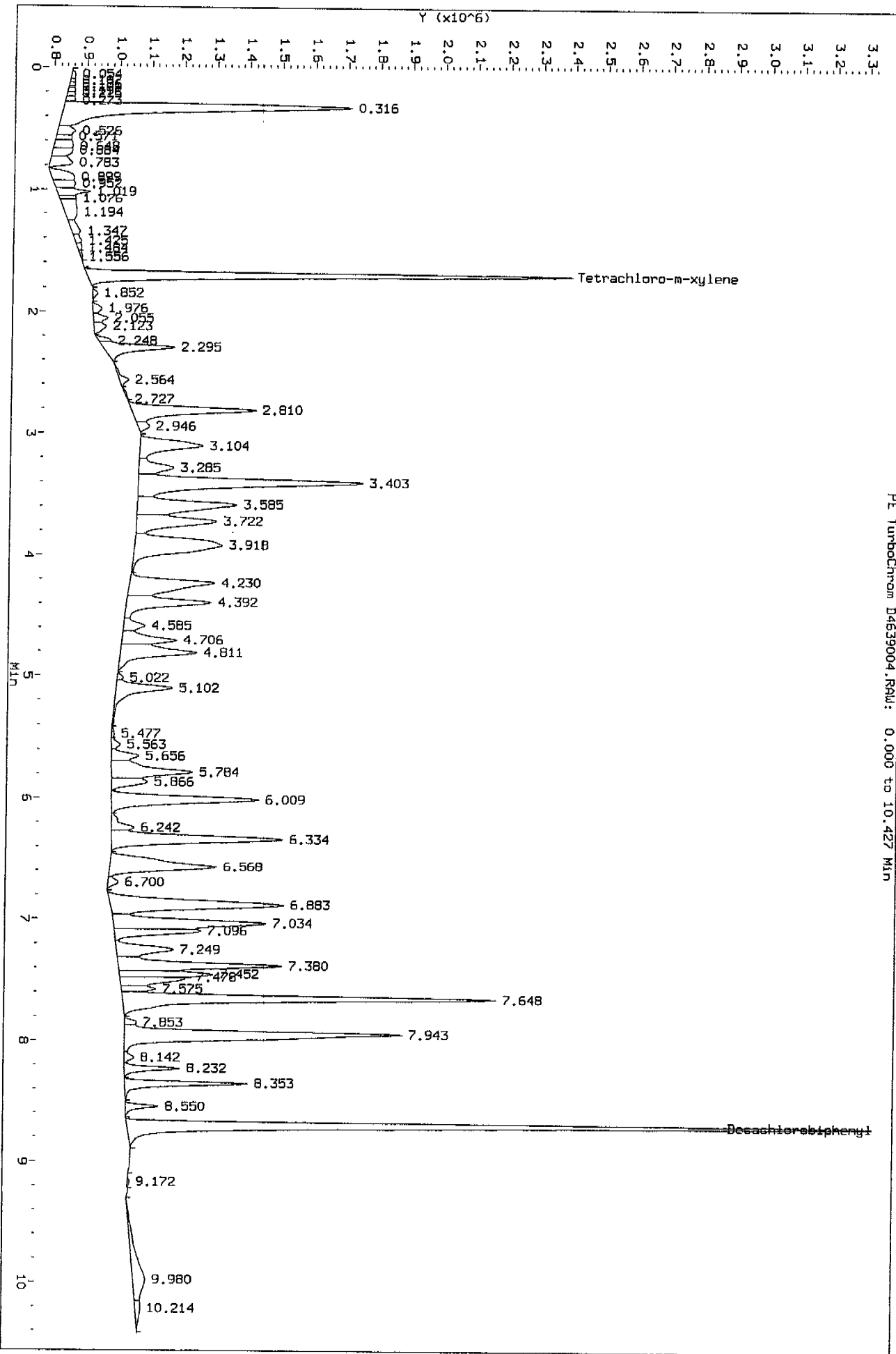
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.054	411155	11515	0.028	0.0643	
0.107	261537	14647	0.056	0.0409	
0.136	268832	17169	0.064	0.0420	
0.161	191249	19284	0.101	0.0299	
0.192	458230	22128	0.048	0.0716	
0.215	471855	24402	0.052	0.0738	
0.273	778571	31554	0.041	0.1217	
0.316	39152688	882433	0.023	6.1214	
0.526	2011263	54522	0.027	0.3145	
0.571	1119876	47776	0.043	0.1751	
0.648	2294389	58192	0.025	0.3587	
0.684	2249070	60709	0.027	0.3516	
0.783	2910706	68638	0.024	0.4551	
0.899	3273538	68645	0.021	0.5118	
0.952	2197899	64300	0.029	0.3436	
1.019	2809219	99920	0.036	0.4392	
1.076	936863	49560	0.053	0.1465	
1.194	3936699	36974	0.009	0.6155	
1.347	1600424	26689	0.017	0.2502	
1.425	738308	19945	0.027	0.1154	
1.484	476721	12342	0.026	0.0745	
1.556	267366	5750	0.022	0.0418	
1.697	40069123	1491078	0.037	6.2647	\$ 1 Tetrachloro-m-xylen

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.852	502751	15944	0.032	0.0786	
1.976	1013810	28443	0.028	0.1585	
2.055	1485698	45699	0.031	0.2323	
2.123	1543683	38641	0.025	0.2414	
2.248	866516	38080	0.044	0.1355	
2.295	8352826	220456	0.026	1.3059	2 Aroclor 1016
2.564	1141475	27330	0.024	0.1785	
2.727	260836	3772	0.014	0.0408	
2.810	15210753	383005	0.025	2.3782	2 Aroclor 1016
2.946	1289293	35713	0.028	0.2016	
3.104	10093355	191716	0.019	1.5781	
3.285	5107984	106315	0.021	0.7986	
3.403	31579581	687124	0.022	4.9374	2 Aroclor 1016
3.585	16222012	304592	0.019	2.5363	
3.722	12467335	244604	0.020	1.9492	2 Aroclor 1016
3.918	20714996	266931	0.013	3.2388	
4.230	15002585	258943	0.017	2.3456	2 Aroclor 1016
4.392	11870536	258607	0.022	1.8559	
4.585	2808672	65692	0.023	0.4391	
4.706	6963288	167579	0.024	1.0887	
4.811	12001849	233404	0.019	1.8765	
5.022	460524	18032	0.039	0.0720	
5.102	8408043	172578	0.021	1.3146	
5.477	372548	8479	0.023	0.0582	
5.563	977530	27303	0.028	0.1528	
5.656	3091906	84460	0.027	0.4834	
5.784	12332282	248080	0.020	1.9281	
5.866	4206039	111131	0.026	0.6576	
6.009	18675669	450855	0.024	2.9199	
6.242	2785616	68894	0.025	0.4355	
6.334	22160505	523763	0.024	3.4648	
6.568	18356428	326538	0.018	2.8700	
6.700	1127702	31411	0.028	0.1763	
6.883	26201093	530947	0.020	4.0965	
7.034	19495556	467441	0.024	3.0481	29 Aroclor 1260
7.096	8146804	264579	0.032	1.2737	
7.249	7950259	175537	0.022	1.2430	
7.380	17841142	500882	0.028	2.7894	29 Aroclor 1260
7.452	8301746	285612	0.034	1.2980	29 Aroclor 1260
7.478	6545705	210207	0.032	1.0234	
7.575	2644683	106136	0.040	0.4135	
7.648	38568214	1143450	0.030	6.0301	29 Aroclor 1260
7.853	928197	37760	0.041	0.1451	
7.943	35887042	853521	0.024	5.6109	
8.142	998879	29800	0.030	0.1562	
8.232	4218904	170972	0.041	0.6596	
8.353	9529900	376663	0.040	1.4900	29 Aroclor 1260
8.550	2353393	100614	0.043	0.3679	
8.697	61523029	2279472	0.037	9.6193	\$ 34 Decachlorobiphenyl
9.172	241124	6362	0.026	0.0377	
9.980	8276936	38731	0.005	1.2941	
10.214	1605636	16460	0.010	0.2510	
=====	=====	=====	=====	=====	
	639598444	16477432		100.000	

Total unknown % area = 56.5

Data File: \\Target1.ct\\files\\chem\\GC\\hp5890-4.1\\CD4639.b\\D4639004.d\\D4639004.RAW
Injection Date: 01-AUG-2007 16:50
Instrument: hp5890-4.1
Client Sample ID: AR16603 0.2mg



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639005.d
Lab Smp Id: AR16604 0.4ng Client Smp ID: AR16604 0.4ng
Inj Date : 01-AUG-2007 17:07
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16604 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 17:07 Cal File: D4639005.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.693	1.695	-0.002	77460381	0.05000	0.0464 (M)
2 Aroclor 1016	2.289	2.292	-0.003	13888297	0.40000	0.385 (M)
29 Aroclor 1260	7.033	7.032	0.001	35899777	0.40000	0.375 (M)
\$ 34 Decachlorobiphenyl	8.698	8.695	0.003	118779660	0.10000	0.0916 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639005.d
Lab Smp Id: AR16604 0.4ng Client Smp ID: AR16604 0.4ng
Inj Date : 01-AUG-2007 17:07
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16604 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 17:07 Cal File: D4639005.d
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

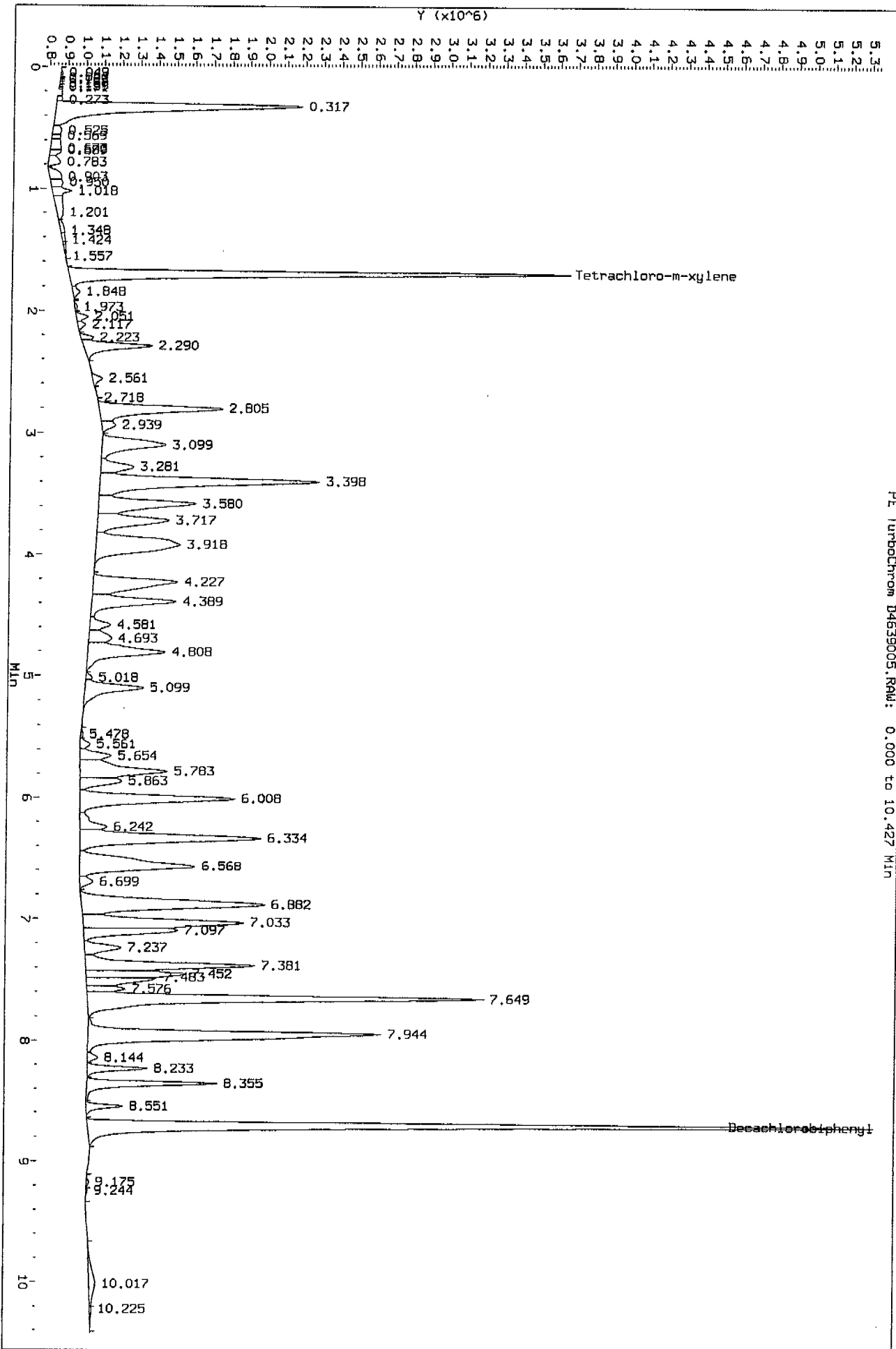
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.049	294221	9516	0.032	0.0261	
0.090	75832	10863	0.143	0.0067	
0.103	144653	11915	0.082	0.0128	
0.137	207040	14655	0.071	0.0184	
0.159	209236	16793	0.080	0.0186	
0.171	215561	17935	0.083	0.0191	
0.273	650180	28883	0.044	0.0578	
0.317	56163846	1348398	0.024	4.9886	
0.525	1838408	48296	0.026	0.1633	
0.569	1067374	45986	0.043	0.0948	
0.673	2758207	57915	0.021	0.2450	
0.689	1566195	59133	0.038	0.1391	
0.783	2545509	64005	0.025	0.2261	
0.903	3026127	63991	0.021	0.2688	
0.950	2294343	64838	0.028	0.2038	
1.018	3020448	104172	0.034	0.2683	
1.201	4262548	33117	0.008	0.3786	
1.348	1251766	22437	0.018	0.1112	
1.424	750985	16708	0.022	0.0667	
1.557	698016	3899	0.006	0.0620	
1.693	77460381	2750686	0.036	6.8803	\$ 1 Tetrachloro-m-xylen
1.848	1493327	38474	0.026	0.1326	
1.973	432544	13219	0.031	0.0384	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.051	1793104	65294	0.036	0.1593	
2.117	1199936	41252	0.034	0.1066	
2.223	1659974	71086	0.043	0.1474	
2.290	13888297	379409	0.027	1.2336	2 Aroclor 1016
2.561	2031500	54305	0.027	0.1804	
2.718	237347	1215	0.005	0.0211	
2.805	27394121	677398	0.025	2.4332	2 Aroclor 1016
2.939	2849878	75157	0.026	0.2531	
3.099	18439536	349485	0.019	1.6379	
3.281	7880011	178955	0.023	0.6999	
3.398	53928907	1197622	0.022	4.7901	2 Aroclor 1016
3.580	24972955	531698	0.021	2.2182	
3.717	19639394	392225	0.020	1.7444	2 Aroclor 1016
3.918	36107788	460889	0.013	3.2072	
4.227	25170554	463077	0.018	2.2357	2 Aroclor 1016
4.389	20402475	463285	0.023	1.8122	
4.581	4610117	113078	0.025	0.4095	
4.693	6068390	125140	0.021	0.5390	
4.808	22804778	423971	0.019	2.0256	
5.018	892789	35016	0.039	0.0793	
5.099	15164036	321326	0.021	1.3469	
5.478	492326	13260	0.027	0.0437	
5.561	1982553	54729	0.028	0.1761	
5.654	6305088	169677	0.027	0.5600	
5.783	24915300	478535	0.019	2.2130	
5.863	8903401	228177	0.026	0.7908	
6.008	36761388	847208	0.023	3.2653	
6.242	6586363	147830	0.022	0.5850	
6.334	44404681	988909	0.022	3.9442	
6.568	37762872	628469	0.017	3.3542	
6.699	2763657	71828	0.026	0.2455	
6.882	50717185	1002150	0.020	4.5048	
7.033	35899777	878825	0.024	3.1887	29 Aroclor 1260
7.097	17625672	517961	0.029	1.5656	
7.237	7855497	202168	0.026	0.6977	
7.381	32844359	925845	0.028	2.9173	29 Aroclor 1260
7.452	17181108	546083	0.032	1.5261	29 Aroclor 1260
7.483	11557009	389267	0.034	1.0265	
7.576	5331241	211171	0.040	0.4735	
7.649	76753633	2171481	0.028	6.8175	29 Aroclor 1260
7.944	70152525	1603137	0.023	6.2311	
8.144	1766641	56450	0.032	0.1569	
8.233	8187102	329717	0.040	0.7272	
8.355	19169333	710767	0.037	1.7027	29 Aroclor 1260
8.551	4846862	200673	0.041	0.4305	
8.698	118779660	4293821	0.036	10.5507	\$ 34 Decachlorobiphenyl
9.175	452096	12444	0.028	0.0402	
9.244	197181	7457	0.038	0.0175	
10.017	5360219	34411	0.006	0.4761	
10.225	719115	10369	0.014	0.0639	
	1125836474	28999536		100.000	

Total unknown % area = 54.0

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4639.b\\D4639005.d\\D4639005.RAW
Injection Date: 01-AUG-2007 17:07
Instrument: hp5890-4.1
Client Sample ID: AR16604 0.4ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639006.d
Lab Smp Id: AR16605 0.8ng Client Smp ID: AR16605 0.8ng
Inj Date : 01-AUG-2007 17:25
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16605 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	156270910	0.10000	0.0936 (M)
2 Aroclor 1016	2.290	2.292	-0.002	27414890	0.80000	0.759 (M)
29 Aroclor 1260	7.031	7.032	-0.001	67856009	0.80000	0.708 (M)
\$ 34 Decachlorobiphenyl	8.688	8.695	-0.007	198382486	0.20000	0.153 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639006.d
Lab Smp Id: AR16605 0.8ng Client Smp ID: AR16605 0.8ng
Inj Date : 01-AUG-2007 17:25
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16605 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:33 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

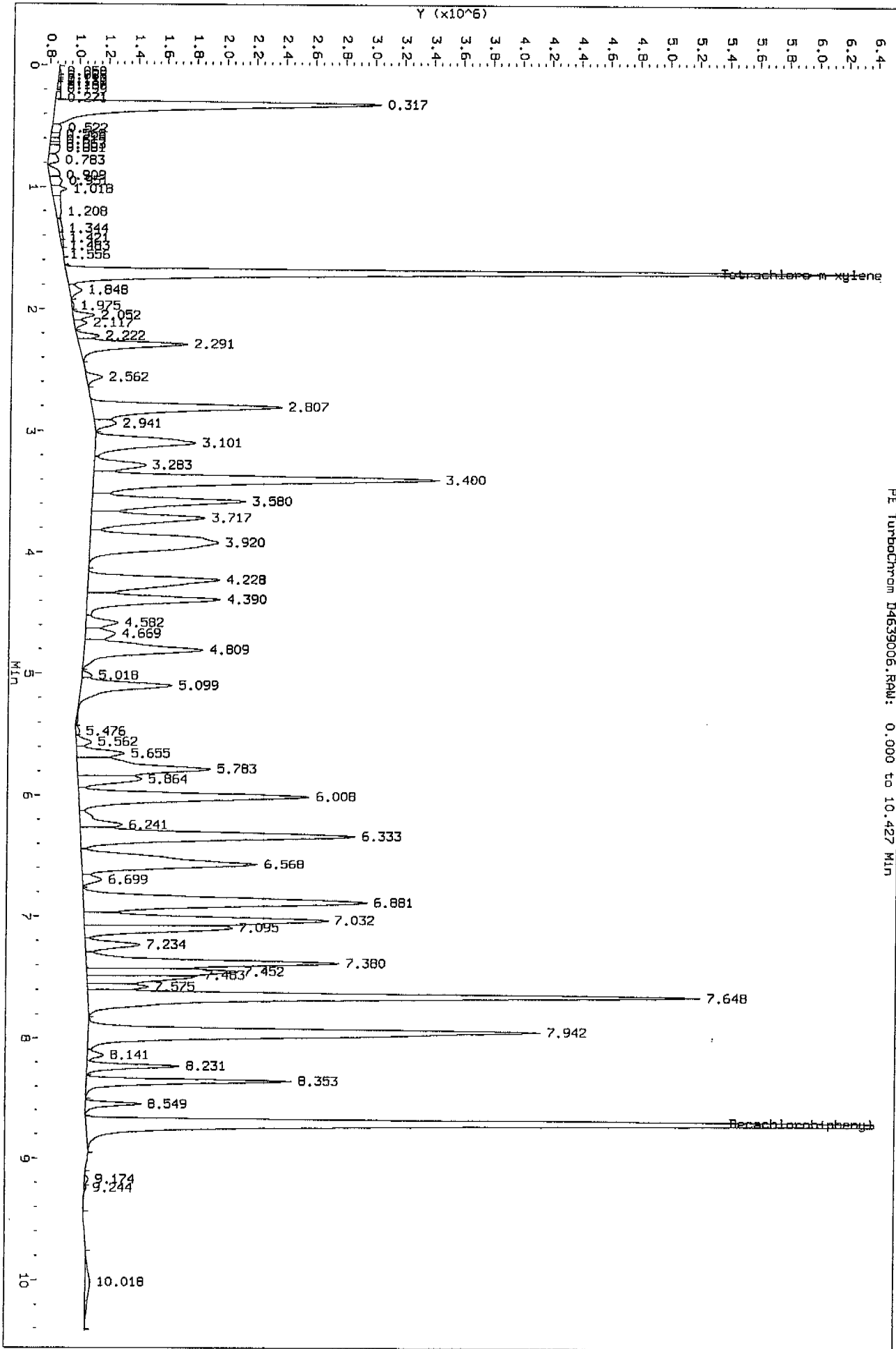
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.050	299097	10961	0.037	0.0143	
0.087	213112	13629	0.064	0.0102	
0.110	110034	15375	0.140	0.0053	
0.123	171571	16620	0.097	0.0082	
0.136	66061	17759	0.269	0.0032	
0.167	526785	21275	0.040	0.0252	
0.199	286828	24242	0.085	0.0137	
0.271	1045174	33672	0.032	0.0501	
0.317	90215774	2204267	0.024	4.3215	
0.522	2531791	63295	0.025	0.1213	
0.568	1276719	57234	0.045	0.0612	
0.619	1205341	60906	0.051	0.0577	
0.653	1013006	64384	0.064	0.0485	
0.681	2843489	67446	0.024	0.1362	
0.783	2885747	73145	0.025	0.1382	
0.909	3083122	71347	0.023	0.1477	
0.951	3102292	81421	0.026	0.1486	
1.018	3696507	103526	0.028	0.1771	
1.208	4337575	35928	0.008	0.2078	
1.344	1560615	25737	0.016	0.0748	
1.421	695093	18806	0.027	0.0333	
1.483	516598	12284	0.024	0.0247	
1.556	255488	3929	0.015	0.0122	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.695	156270910	5392651	0.035	7.4856	\$ 1 Tetrachloro-m-xylene
1.848	3199339	80763	0.025	0.1533	
1.975	405294	13041	0.032	0.0194	
2.052	4000751	144559	0.036	0.1916	
2.117	2343283	82731	0.035	0.1122	2 Aroclor 1016
2.222	3606046	148954	0.041	0.1727	
2.291	27414891	739181	0.027	1.3132	
2.562	3782226	108320	0.029	0.1812	
2.807	52914179	1287266	0.024	2.5347	2 Aroclor 1016
2.941	5344353	145517	0.027	0.2560	
3.101	35586381	682317	0.019	1.7046	
3.283	14832832	350511	0.024	0.7105	
3.400	103741130	2338761	0.023	4.9693	2 Aroclor 1016
3.580	46983165	1040467	0.022	2.2506	
3.717	37840476	770236	0.020	1.8126	
3.920	69563797	871112	0.013	3.3322	
4.228	49412033	892274	0.018	2.3669	2 Aroclor 1016
4.390	39657185	903251	0.023	1.8996	
4.582	8511689	217602	0.026	0.4077	
4.669	9200494	202308	0.022	0.4407	
4.809	43550651	806499	0.019	2.0861	
5.018	1674491	64463	0.038	0.0802	
5.099	29405480	617441	0.021	1.4086	
5.476	942002	25290	0.027	0.0451	
5.562	3720513	103750	0.028	0.1782	
5.655	11743081	320164	0.027	0.5625	
5.783	47468933	901524	0.019	2.2738	
5.864	17115347	431900	0.025	0.8198	
6.008	68300752	1561032	0.023	3.2717	
6.241	11947514	284187	0.024	0.5723	
6.333	83992035	1856011	0.022	4.0233	
6.568	71229356	1190414	0.017	3.4120	
6.699	4647614	127256	0.027	0.2226	
6.881	98181905	1916738	0.020	4.7030	
7.032	67856009	1654062	0.024	3.2504	
7.095	35051023	1003490	0.029	1.6790	
7.234	13280034	370637	0.028	0.6361	29 Aroclor 1260
7.380	61431427	1708141	0.028	2.9426	
7.452	32606797	1025938	0.031	1.5619	
7.483	22797527	751076	0.033	1.0920	
7.575	10872568	415199	0.038	0.5208	29 Aroclor 1260
7.648	148883651	4139957	0.028	7.1317	
7.942	134812620	3056344	0.023	6.4577	
8.141	3378473	106439	0.032	0.1618	
8.231	15734601	629098	0.040	0.7537	29 Aroclor 1260
8.353	36655266	1388658	0.038	1.7558	
8.549	8887733	380057	0.043	0.4257	
8.688	198382487	5320606	0.027	9.5033	
9.174	801948	23250	0.029	0.0384	\$ 34 Decachlorobiphenyl
9.244	253462	13569	0.054	0.0121	
10.018	5473680	32635	0.006	0.2622	
=====	=====	=====	=====	=====	
	2087627246	51734835		100.000	

Total unknown % area = 53.4

Data File: \\Target1.ct\Files\chem\GC\mp5890-4.1\CD4639.D\4639006.d\4639006.RAW
Injection Date: 01-AUG-2007 17:25
Instrument: mp5890-4.1
Client Sample ID: AR16605 0.Bng



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639007.d
Lab Smp Id: AR12212 0.2ng Client Smp ID: AR12212 0.2ng
Inj Date : 01-AUG-2007 17:42
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12212 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 9 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1221.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	18233062	0.01000	0.0108 (M)
5 Aroclor 1221	2.053	2.053	0.000	4438363	0.20000	0.200 (M)
\$ 34 Decachlorobiphenyl	8.696	8.695	0.001	34064666	0.02000	0.0251 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639007.d
Lab Smp Id: AR12212 0.2ng Client Smp ID: AR12212 0.2ng
Inj Date : 01-AUG-2007 17:42
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12212 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 9 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1221.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

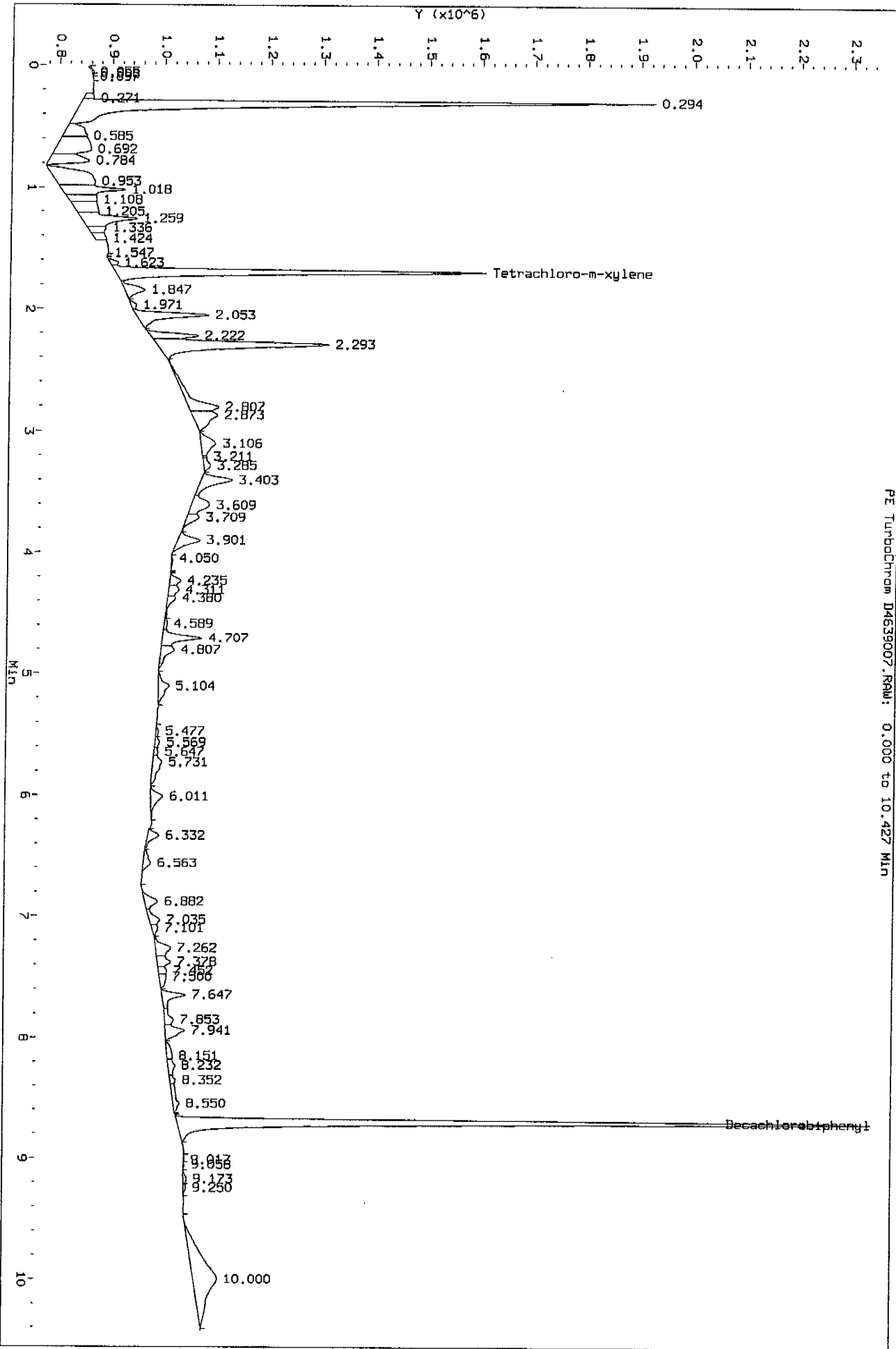
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.055	15564	4309	0.277	0.0082	
0.068	41153	3547	0.086	0.0216	
0.097	27018	1939	0.072	0.0142	
0.271	449756	19922	0.044	0.2360	
0.294	31089521	1088188	0.035	16.3161	
0.585	2122845	46502	0.022	1.1141	
0.692	5099847	68546	0.013	2.6765	
0.784	3104771	76697	0.025	1.6294	
0.953	5757599	73383	0.013	3.0217	
1.018	4076800	120778	0.030	2.1395	
1.108	1854384	52491	0.028	0.9732	
1.205	2375520	41327	0.017	1.2467	
1.259	4245502	106278	0.025	2.2281	
1.336	947865	34848	0.037	0.4974	
1.424	791232	22437	0.028	0.4152	
1.547	32	0	0.000	0.0000	
1.623	389064	15566	0.040	0.2042	
1.695	18233062	700073	0.038	9.5689	\$ 1 Tetrachloro-m-xylen
1.847	1629206	38142	0.023	0.8550	
1.971	318075	10284	0.032	0.1669	
2.053	4438363	137824	0.031	2.3293	5 Aroclor 1221
2.222	2410679	91598	0.038	1.2652	5 Aroclor 1221
2.293	11967445	323990	0.027	6.2806	5 Aroclor 1221

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.807	3401337	56313	0.017	1.7851	5 Aroclor 1221
2.873	2809199	47665	0.017	1.4743	5 Aroclor 1221
3.106	1841184	27616	0.015	0.9663	
3.211	75424	7831	0.104	0.0396	
3.285	614360	12904	0.021	0.3224	
3.403	2715241	57901	0.021	1.4250	
3.609	2134630	34468	0.016	1.1203	
3.709	1014148	23403	0.023	0.5322	
3.901	1927657	42479	0.022	1.0117	
4.050	138903	2842	0.020	0.0729	
4.235	751562	20729	0.028	0.3944	
4.311	869191	19346	0.022	0.4562	
4.380	641182	14392	0.022	0.3365	
4.589	265665	5339	0.020	0.1394	
4.707	2800778	74517	0.027	1.4699	
4.807	1367316	25023	0.018	0.7176	
5.104	1404083	20073	0.014	0.7369	
5.477	173475	4930	0.028	0.0910	
5.569	355581	8995	0.025	0.1866	
5.647	245204	7435	0.030	0.1287	
5.731	1456503	16534	0.011	0.7644	
6.011	1354714	22641	0.017	0.7110	
6.332	939918	21293	0.023	0.4933	
6.563	979742	14669	0.015	0.5142	
6.882	1220747	24626	0.020	0.6407	
7.035	943996	19492	0.021	0.4954	
7.101	442526	11343	0.026	0.2322	
7.262	1564994	28759	0.018	0.8213	
7.378	1052926	25283	0.024	0.5526	
7.452	499960	15713	0.031	0.2624	
7.500	695482	12992	0.019	0.3650	
7.647	1699426	45104	0.027	0.8919	
7.853	929484	17379	0.019	0.4878	
7.941	1679863	37815	0.023	0.8816	
8.151	736919	10647	0.014	0.3867	
8.232	785620	13509	0.017	0.4123	
8.352	352779	10811	0.031	0.1851	
8.550	1104606	12467	0.011	0.5797	
8.697	34064667	1306191	0.038	17.8776	\$ 34 Decachlorobiphenyl
9.017	42482	1921	0.045	0.0223	
9.058	65806	2412	0.037	0.0345	
9.173	279205	6596	0.024	0.1465	
9.250	217441	5392	0.025	0.1141	
10.000	10503574	44262	0.004	5.5124	
=====					
	190544798	5320721		100.000	

Total unknown % area = 59.4

Data File: \\Target1.ct\\files\\chem\\GC\\hp5890-4.1\\CD4639.b\\D4639007.d\\D4639007.RAW
Injection Date: 01-AUG-2007 17:42
Instrument: hp5890-4.1
Client Sample ID: AR12212 0.2ng



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639008.d
Lab Smp Id: AR12322 0.1ng Client Smp ID: AR12322 0.1ng
Inj Date : 01-AUG-2007 17:59
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12322 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 10 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1232.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.693	1.694	-0.001	16627307	0.01000	0.00998 (M)
4 Aroclor 1232	2.806	2.806	0.000	8818209	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	8.696	8.695	0.001	33154280	0.02000	0.0246 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639008.d
Lab Smp Id: AR12322 0.1ng Client Smp ID: AR12322 0.1ng
Inj Date : 01-AUG-2007 17:59
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12322 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 10 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1232.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

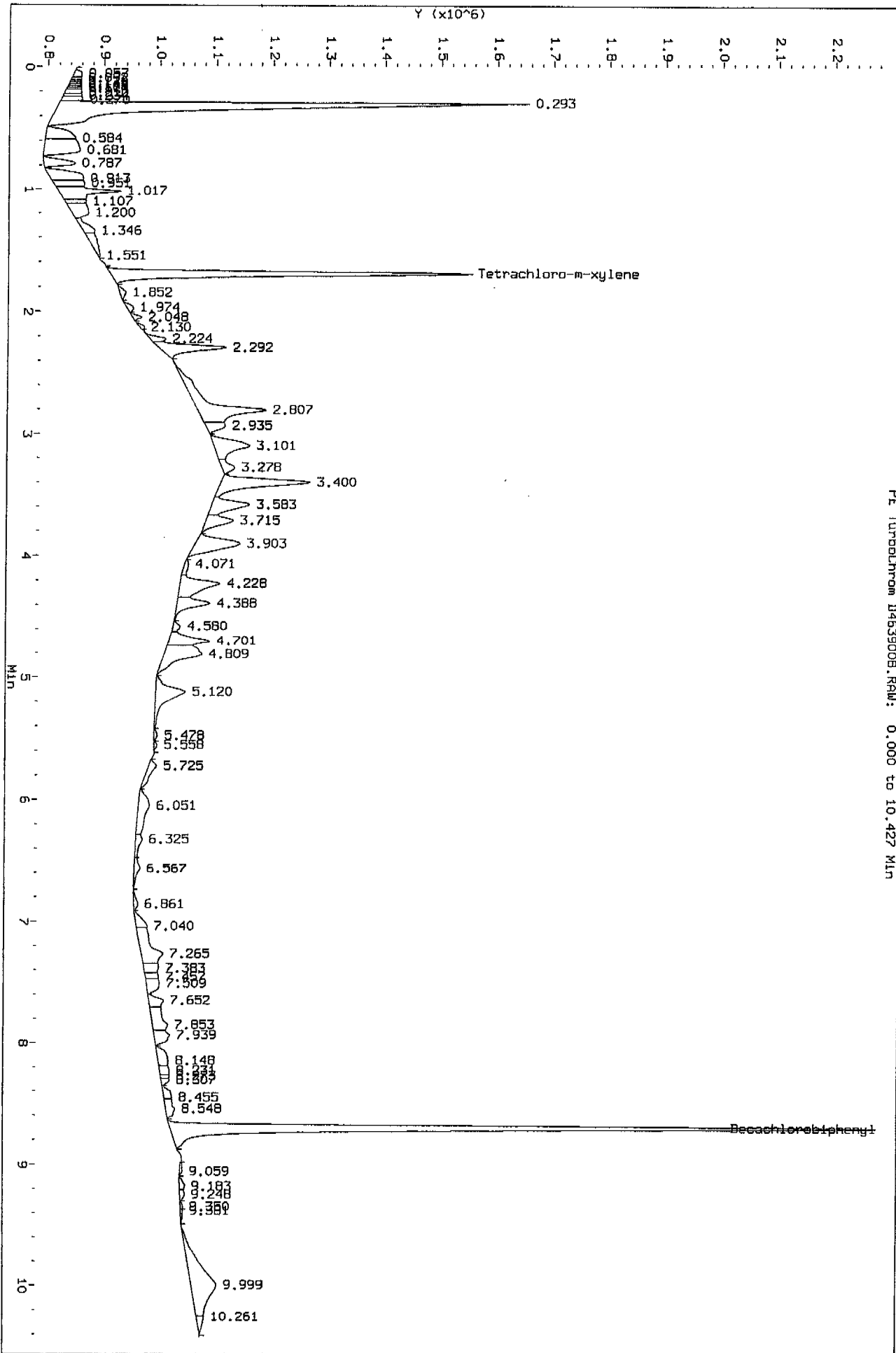
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.057	420347	14023	0.033	0.2098	
0.092	253899	17298	0.068	0.1267	
0.116	167103	19891	0.119	0.0834	
0.132	213387	21784	0.102	0.1065	
0.144	184706	23314	0.126	0.0922	
0.160	199461	25020	0.125	0.0996	
0.174	242627	26603	0.110	0.1211	
0.210	639265	30890	0.048	0.3191	
0.234	434129	34147	0.079	0.2167	
0.270	843843	39813	0.047	0.4212	
0.293	28829378	837413	0.029	14.3895	
0.584	2413107	53941	0.022	1.2044	
0.681	4557542	65049	0.014	2.2748	
0.787	1844678	56277	0.031	0.9207	
0.913	2895422	58282	0.020	1.4452	
0.951	1705806	54716	0.032	0.8514	
1.017	4054009	110637	0.027	2.0235	
1.107	747979	37537	0.050	0.3733	
1.200	2021991	29557	0.015	1.0092	
1.346	1120633	21211	0.019	0.5593	
1.551	1306685	3634	0.003	0.6522	
1.693	16627308	645182	0.039	8.2992	\$ 1 Tetrachloro-m-xylen
1.852	423913	10558	0.025	0.2116	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.974	403250	11693	0.029	0.2013	
2.048	346714	16438	0.047	0.1731	
2.130	204125	7543	0.037	0.1019	
2.224	729042	27464	0.038	0.3639	
2.292	4204953	118636	0.028	2.0988	
2.807	8818210	120829	0.014	4.4014	4 Aroclor 1232
2.935	1377684	34567	0.025	0.6876	
3.101	3968108	63310	0.016	1.9806	
3.278	1062082	22644	0.021	0.5301	
3.400	6800357	158146	0.023	3.3942	4 Aroclor 1232
3.583	3379663	67142	0.020	1.6869	4 Aroclor 1232
3.715	2307406	48454	0.021	1.1517	4 Aroclor 1232
3.903	4718897	79129	0.017	2.3553	4 Aroclor 1232
4.071	521860	6748	0.013	0.2605	
4.228	4277650	70721	0.017	2.1351	
4.388	2595040	58280	0.022	1.2953	
4.580	484019	12941	0.027	0.2416	
4.701	3006092	72438	0.024	1.5004	
4.809	4987538	67216	0.013	2.4894	
5.120	4137480	51947	0.013	2.0651	
5.478	262014	6314	0.024	0.1308	
5.558	185171	5727	0.031	0.0924	
5.725	1188194	13820	0.012	0.5931	
6.051	2893234	19861	0.007	1.4441	
6.325	887781	11959	0.013	0.4431	
6.567	847802	10719	0.013	0.4232	
6.861	463397	7705	0.017	0.2313	
7.040	1056283	20561	0.019	0.5272	
7.265	4381584	38886	0.009	2.1870	
7.383	1161835	26578	0.023	0.5799	
7.457	719914	23772	0.033	0.3593	
7.509	1436643	23606	0.016	0.7171	
7.652	1218128	26223	0.022	0.6080	
7.853	2437321	27049	0.011	1.2165	
7.939	1561411	27296	0.017	0.7793	
8.148	1410935	18140	0.013	0.7042	
8.231	732224	17363	0.024	0.3655	
8.273	289482	15856	0.055	0.1445	
8.307	392842	14434	0.037	0.1961	
8.455	748604	14272	0.019	0.3736	
8.548	1223535	16634	0.014	0.6107	
8.697	33154280	1254387	0.038	16.5484	\$ 34 Decachlorobiphenyl
9.059	232821	4789	0.021	0.1162	
9.183	404916	8996	0.022	0.2021	
9.248	344498	8308	0.024	0.1719	
9.350	129504	4043	0.031	0.0646	
9.381	174080	3641	0.021	0.0869	
9.999	9265104	44142	0.005	4.6245	
10.261	668567	12777	0.019	0.3337	
=====	=====	=====	=====	=====	
	200349485	5080921		100.000	

Total unknown % area = 62.2

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4639.b\\D4639008.d\\D4639008.RAW
Injection Date: 01-AUG-2007 17:59
Instrument: hp5890-4.1
Client Sample ID: AR12322 0.1ng



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639009.d
Lab Smp Id: AR12422 0.1ng Client Smp ID: AR12422 0.1ng
Inj Date : 01-AUG-2007 18:17
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12422 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 11 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	16243382	0.01000	0.00979 (M)
6 Aroclor 1242	2.293	2.293	0.000	3610651	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	8.696	8.695	0.001	27331094	0.02000	0.0210 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639009.d
Lab Smp Id: AR12422 0.1ng Client Smp ID: AR12422 0.1ng
Inj Date : 01-AUG-2007 18:17
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12422 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 11 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

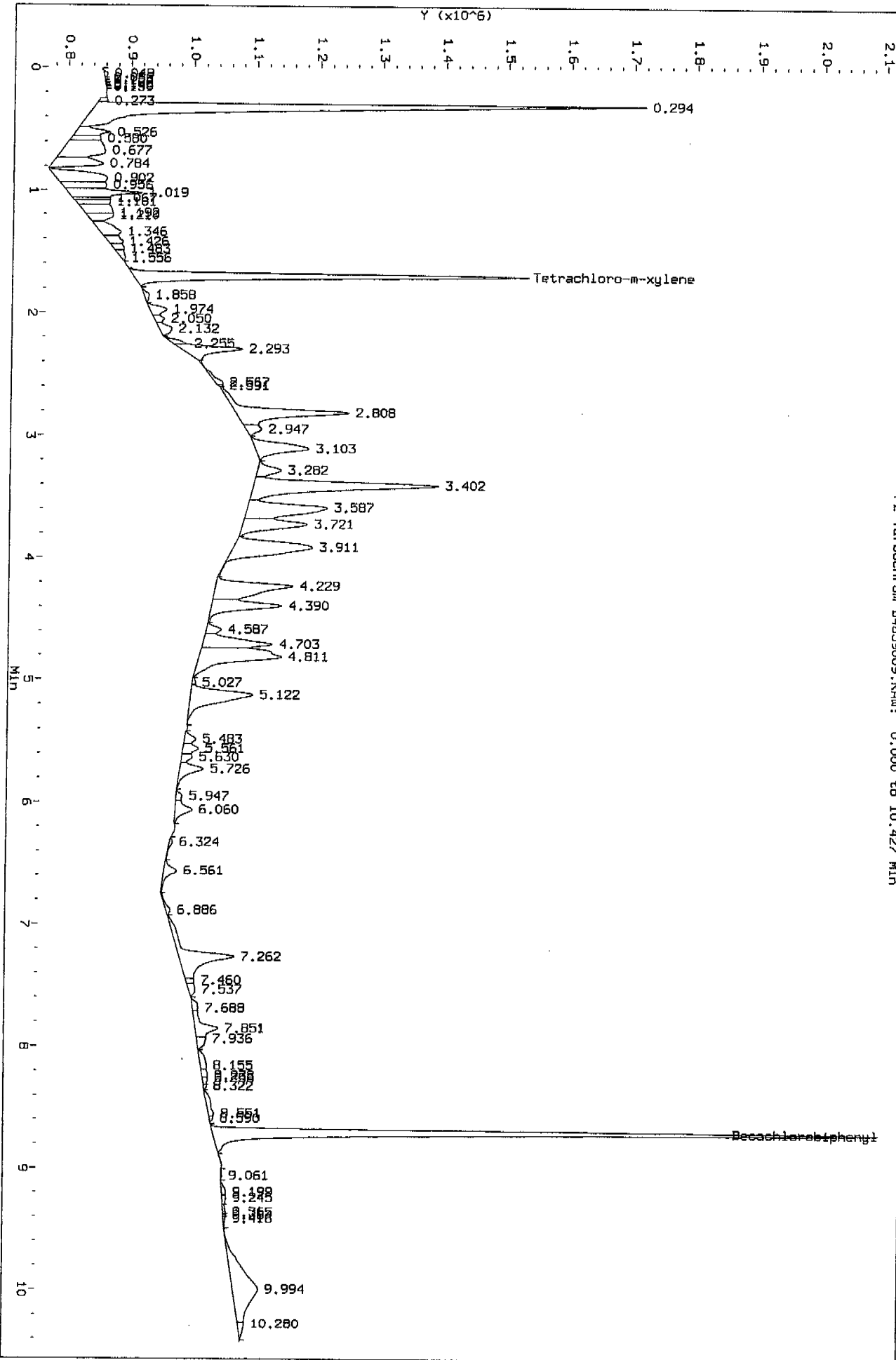
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.049	120452	5917	0.049	0.0541	
0.086	32691	3355	0.103	0.0147	
0.105	25509	2342	0.092	0.0115	
0.130	17585	1595	0.091	0.0079	
0.145	6108	1015	0.166	0.0027	
0.159	6227	649	0.104	0.0028	
0.273	246430	14791	0.060	0.1108	
0.294	28259950	876805	0.031	12.7028	
0.526	1693565	55768	0.033	0.7612	
0.580	1095606	47877	0.044	0.4924	
0.677	5107394	69534	0.014	2.2957	
0.784	3288067	81137	0.025	1.4779	
0.902	4130642	81613	0.020	1.8566	
0.956	2250605	71411	0.032	1.0116	
1.019	3646278	118614	0.033	1.6389	
1.067	795825	60127	0.076	0.3577	
1.101	1356572	54706	0.040	0.6097	
1.192	2104945	45045	0.021	0.9461	
1.210	1309559	41923	0.032	0.5886	
1.346	1907832	32860	0.017	0.8575	
1.426	933496	22991	0.025	0.4196	
1.483	465202	15697	0.034	0.2091	
1.556	445730	6237	0.014	0.2003	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.695	16243382	628809	0.039	7.3010	\$ 1 Tetrachloro-m-xylene
1.858	355269	8329	0.023	0.1597	
1.974	1058308	27926	0.026	0.4757	
2.050	487708	16552	0.034	0.2192	
2.132	942955	20473	0.022	0.4238	
2.255	487248	23241	0.048	0.2190	
2.293	3610651	97766	0.027	1.6229	6 Aroclor 1242
2.567	649489	12183	0.019	0.2919	
2.591	69882	6902	0.099	0.0314	
2.808	8228587	179490	0.022	3.6986	6 Aroclor 1242
2.947	957013	24136	0.025	0.4302	
3.103	4267460	84467	0.020	1.9181	
3.282	1566659	37078	0.024	0.7042	
3.402	13162068	293239	0.022	5.9160	6 Aroclor 1242
3.587	7262345	126051	0.017	3.2642	6 Aroclor 1242
3.721	4793795	101495	0.021	2.1547	6 Aroclor 1242
3.911	8363811	124474	0.015	3.7593	
4.229	7267689	122622	0.017	3.2667	
4.390	4785388	111882	0.023	2.1509	
4.587	837076	23910	0.029	0.3762	
4.703	4687571	110401	0.024	2.1069	
4.811	9103763	130844	0.014	4.0919	
5.027	139659	5453	0.039	0.0628	
5.122	6238863	98419	0.016	2.8042	
5.483	673928	17470	0.026	0.3029	
5.561	976790	24337	0.025	0.4390	
5.630	594354	17041	0.029	0.2671	
5.726	1829672	37214	0.020	0.8224	
5.947	363790	9765	0.027	0.1635	
6.060	1445825	26931	0.019	0.6499	
6.324	256949	4355	0.017	0.1155	
6.561	1148270	19913	0.017	0.5161	
6.886	368975	7105	0.019	0.1658	
7.262	6498578	87346	0.013	2.9210	
7.460	307674	12892	0.042	0.1383	
7.537	573742	10988	0.019	0.2579	
7.688	419107	8892	0.021	0.1884	
7.851	2099877	36392	0.017	0.9438	
7.936	662596	14616	0.022	0.2978	
8.155	728505	9620	0.013	0.3274	
8.238	333750	8578	0.026	0.1500	
8.256	220742	7969	0.036	0.0992	
8.322	105530	5112	0.048	0.0474	
8.551	834377	8704	0.010	0.3750	
8.590	143119	6077	0.042	0.0643	
8.697	27331095	1054517	0.039	12.2847	\$ 34 Decachlorobiphenyl
9.061	75380	1976	0.026	0.0339	
9.199	317755	6762	0.021	0.1428	
9.245	258367	6530	0.025	0.1161	
9.365	172301	4515	0.026	0.0774	
9.384	56452	4336	0.077	0.0254	
9.416	117115	3474	0.030	0.0526	
9.994	8207915	40213	0.005	3.6893	
10.280	545957	9917	0.018	0.2454	
=====	=====	=====	=====	=====	
	222481389	5641708		100.000	

Total unknown % area = 63.8

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4639.b\\D4639009.D\\D4639009.RAW
Injection Date: 01-AUG-2007 18:17
Instrument: hp5890-4.1
Client Sample ID: AR12422 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639010.d
Lab Smp Id: AR12482 0.1ng Client Smp ID: AR12482 0.1ng
Inj Date : 01-AUG-2007 18:34
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12482 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	16719522	0.01000	0.0100 (M)
9 Aroclor 1248	3.401	3.401	0.000	7667070	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	8.698	8.696	0.002	31614996	0.02000	0.0236 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639010.d
Lab Smp Id: AR12482 0.1ng Client Smp ID: AR12482 0.1ng
Inj Date : 01-AUG-2007 18:34
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12482 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

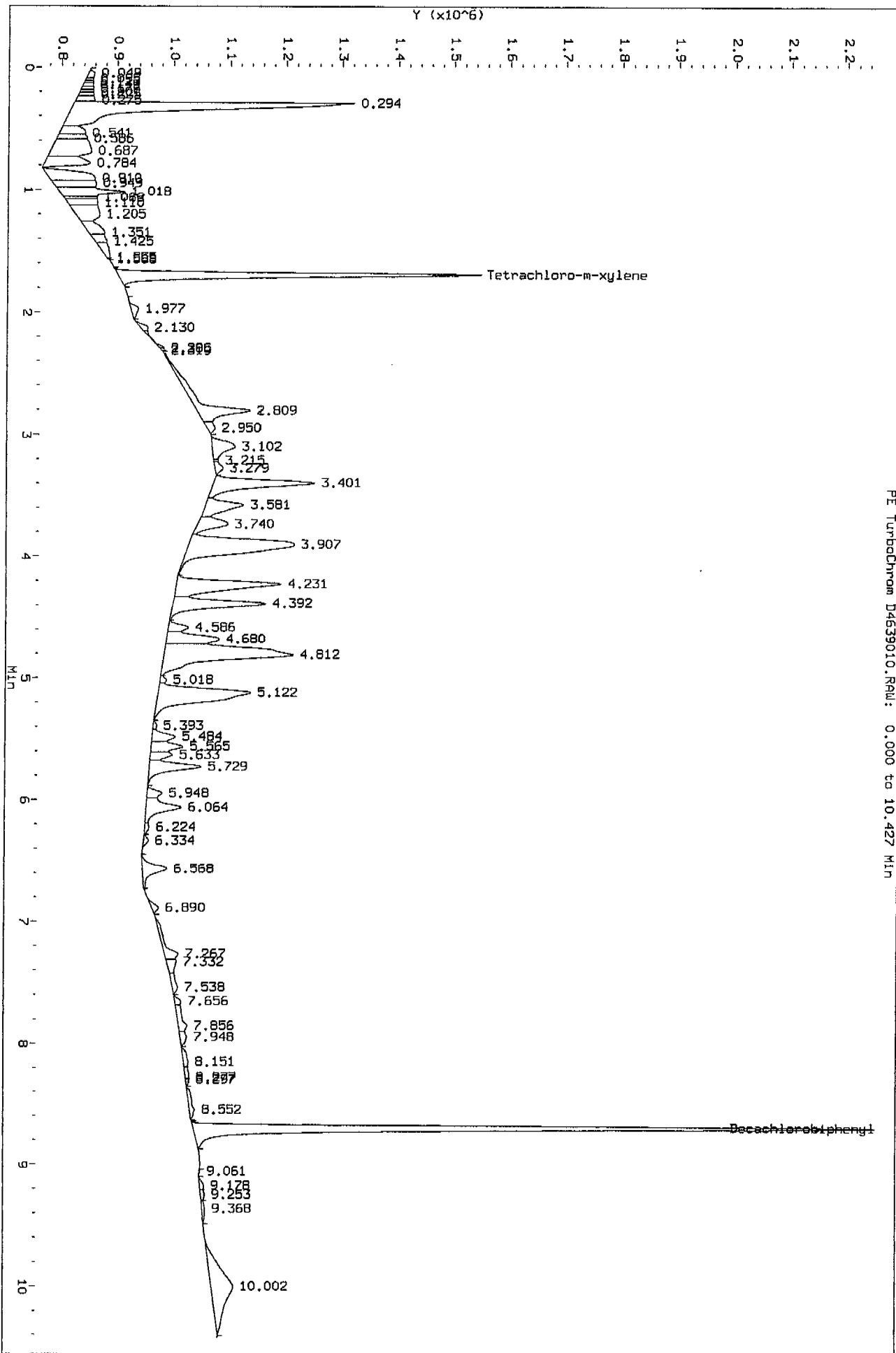
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.049	393994	10826	0.027	0.1732	
0.095	171130	13610	0.080	0.0752	
0.123	157381	16462	0.105	0.0692	
0.145	341894	18764	0.055	0.1503	
0.176	314257	22304	0.071	0.1381	
0.201	370252	24936	0.067	0.1628	
0.225	451938	28045	0.062	0.1987	
0.275	876264	35204	0.040	0.3852	
0.294	21397032	499441	0.023	9.4062	
0.541	1600026	46716	0.029	0.7034	
0.586	1258461	54691	0.043	0.5532	
0.687	5605231	73340	0.013	2.4641	
0.784	3396442	80901	0.024	1.4931	
0.910	3766284	80820	0.021	1.6557	
0.949	2654843	76704	0.029	1.1671	
1.018	3821110	116210	0.030	1.6798	
1.066	628984	60465	0.096	0.2765	
1.110	1651427	53678	0.033	0.7260	
1.205	3248075	42335	0.013	1.4279	
1.351	1737690	28439	0.016	0.7639	
1.425	907874	21062	0.023	0.3991	
1.555	950435	5547	0.006	0.4178	
1.568	26334	3588	0.136	0.0116	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.695	16719522	647429	0.039	7.3500	\$ 1 Tetrachloro-m-xylen
1.977	688601	13688	0.020	0.3027	
2.130	437666	12822	0.029	0.1924	
2.296	337210	8574	0.025	0.1482	
2.305	68931	6768	0.098	0.0303	
2.319	22188	3585	0.162	0.0098	
2.809	6105547	94718	0.016	2.6840	
2.950	653085	13677	0.021	0.2871	
3.102	2451036	40673	0.017	1.0775	
3.215	103095	8271	0.080	0.0453	
3.279	607336	13731	0.023	0.2670	
3.401	7667070	180511	0.024	3.3705	9 Aroclor 1248
3.581	3476874	67800	0.020	1.5284	9 Aroclor 1248
3.740	2764325	52928	0.019	1.2152	
3.907	14006772	187879	0.013	6.1574	
4.231	9093838	185804	0.020	3.9977	9 Aroclor 1248
4.392	6764989	164817	0.024	2.9739	9 Aroclor 1248
4.586	1245344	35739	0.029	0.5475	
4.680	4313121	93148	0.022	1.8961	9 Aroclor 1248
4.812	16252595	229737	0.014	7.1447	
5.018	332433	11563	0.035	0.1461	
5.122	11469377	164642	0.014	5.0420	
5.393	215547	6588	0.031	0.0948	
5.484	1604123	41800	0.026	0.7052	
5.565	2201268	56353	0.026	0.9677	
5.633	1354574	39330	0.029	0.5955	
5.729	3953844	91794	0.023	1.7381	
5.948	955612	26520	0.028	0.4201	
6.064	3441214	62846	0.018	1.5128	
6.224	310839	7801	0.025	0.1366	
6.334	350087	8754	0.025	0.1539	
6.568	2401524	43785	0.018	1.0557	
6.890	541134	12411	0.023	0.2379	
7.267	1817784	24206	0.013	0.7991	
7.332	912034	17452	0.019	0.4009	
7.538	760591	9302	0.012	0.3344	
7.656	382858	11102	0.029	0.1683	
7.856	1342004	15032	0.011	0.5899	
7.948	638551	11756	0.018	0.2807	
8.151	625411	8597	0.014	0.2749	
8.277	376143	6375	0.017	0.1654	
8.297	169852	5797	0.034	0.0747	
8.552	933920	9001	0.010	0.4106	
8.698	31614996	1210800	0.038	13.8976	\$ 34 Decachlorobiphenyl
9.061	37597	1945	0.052	0.0165	
9.178	299981	7106	0.024	0.1319	
9.253	307352	7085	0.023	0.1351	
9.368	396196	5267	0.013	0.1742	
10.002	8224669	39319	0.005	3.6156	
=====	=====	=====	=====	=====	
	227478016	5440716		100.000	

Total unknown % area = 65.0

Data File: \\Target1-ct\\Files\\chem\\GC\\hp5890-4.1\\CD4639.b\\D4639010.d\\D4639010.RAW
Injection Date: 01-AUG-2007 18:34
Instrument: hp5890-4.1
Client Sample ID: AR12482 0.1mg



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639011.d
Lab Smp Id: AR12542 0.1ng Client Smp ID: AR12542 0.1ng
Inj Date : 01-AUG-2007 18:52
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12542 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: ESTD
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	16273543	0.01000	0.00981 (M)
14 Aroclor 1254	5.100	5.100	0.000	9545973	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	8.696	8.695	0.001	30194967	0.02000	0.0228 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639011.d
Lab Smp Id: AR12542 0.1ng Client Smp ID: AR12542 0.1ng
Inj Date : 01-AUG-2007 18:52
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12542 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 02-Aug-2007 09:17 stephan Quant Type: AREA%
Cal Date : 01-AUG-2007 18:52 Cal File: D4639011.d
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.10
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

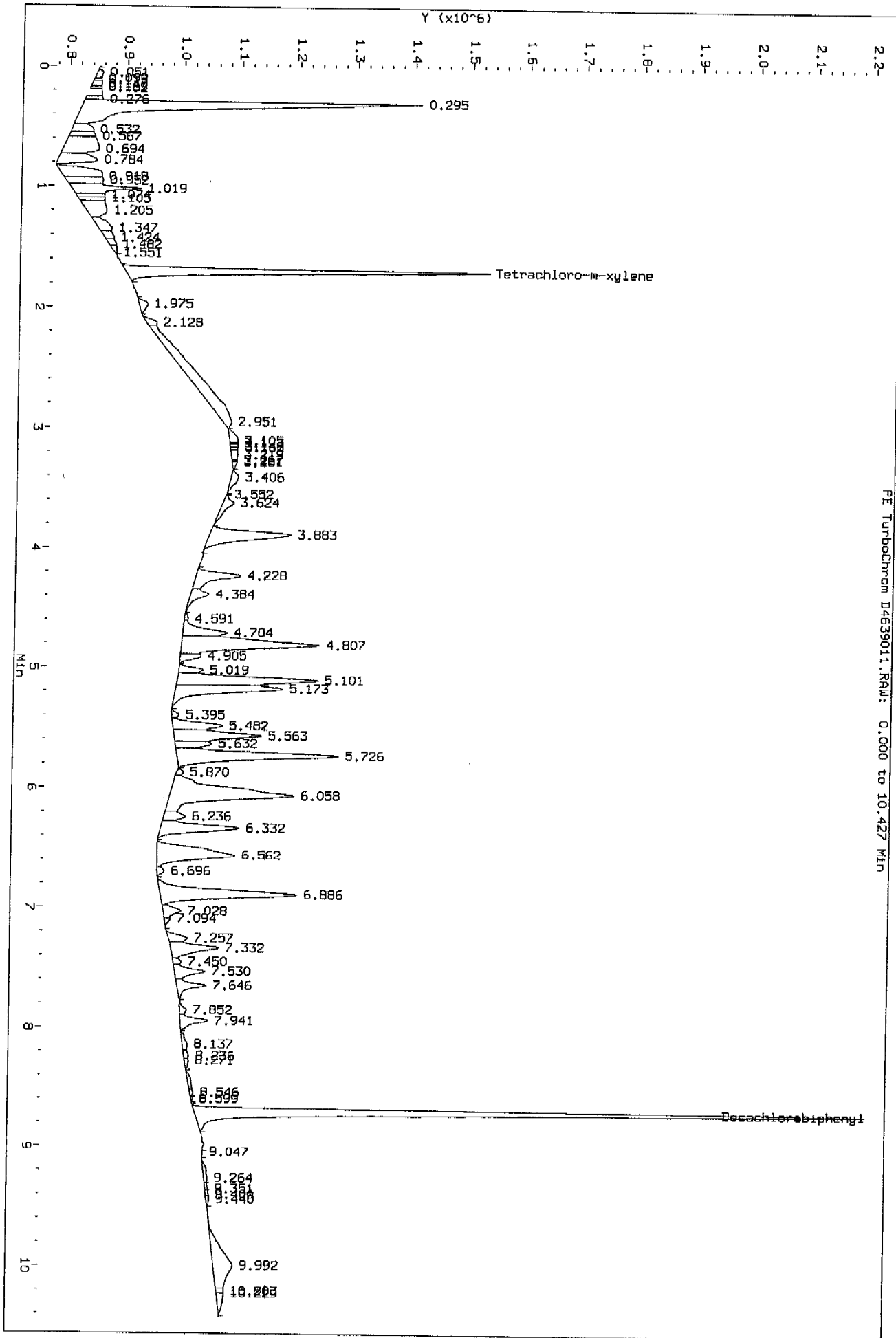
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.051	385325	10443	0.027	0.1567	
0.099	89471	12236	0.137	0.0364	
0.115	100283	13508	0.135	0.0408	
0.147	404389	16844	0.042	0.1645	
0.169	104563	18542	0.177	0.0425	
0.182	226583	20066	0.089	0.0922	
0.276	589882	31077	0.053	0.2399	
0.295	22348016	587401	0.026	9.0896	
0.532	1338144	38403	0.029	0.5443	
0.587	1083746	46880	0.043	0.4408	
0.694	4727302	63224	0.013	1.9227	
0.784	2869635	68707	0.024	1.1672	
0.918	3319553	67924	0.020	1.3502	
0.952	2234412	65007	0.029	0.9088	
1.019	3725084	121664	0.033	1.5151	
1.074	838356	49991	0.060	0.3410	
1.105	911478	45885	0.050	0.3707	
1.205	2709635	35176	0.013	1.1021	
1.347	1445525	23974	0.017	0.5879	
1.424	638843	16893	0.026	0.2598	
1.482	423024	12012	0.028	0.1721	
1.551	273052	3523	0.013	0.1111	
1.695	16273543	633202	0.039	6.6190	\$ 1 Tetrachloro-m-xylen

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.975	730584	15605	0.021	0.2972	
2.128	578303	18023	0.031	0.2352	
2.951	9183296	14061	0.002	3.7351	
3.105	740873	14630	0.020	0.3013	
3.123	111013	14140	0.127	0.0452	
3.148	234787	14245	0.061	0.0955	
3.162	189648	13396	0.071	0.0771	
3.219	534041	11601	0.022	0.2172	
3.267	91730	9309	0.101	0.0373	
3.281	210257	8759	0.042	0.0855	
3.406	833682	12603	0.015	0.3391	
3.552	11853	1790	0.151	0.0048	
3.624	1259928	19205	0.015	0.5125	
3.883	6936134	140937	0.020	2.8211	
4.228	3554216	77918	0.022	1.4456	
4.384	1448002	31274	0.022	0.5889	
4.591	200188	6533	0.033	0.0814	
4.704	2868143	77130	0.027	1.1666	
4.807	12136458	239522	0.020	4.9363	
4.905	1142128	36080	0.032	0.4645	
5.019	1182729	41900	0.035	0.4811	
5.101	9545973	243496	0.026	3.8826	14 Aroclor 1254
5.173	7555652	185021	0.024	3.0731	14 Aroclor 1254
5.395	381837	12846	0.034	0.1553	
5.482	3081464	86476	0.028	1.2533	
5.563	6035618	151436	0.025	2.4549	14 Aroclor 1254
5.632	1861346	62511	0.034	0.7571	
5.726	11618012	279834	0.024	4.7254	14 Aroclor 1254
5.870	319710	11372	0.036	0.1300	
6.058	14675047	214776	0.015	5.9688	
6.236	1392267	36598	0.026	0.5663	
6.332	5525025	135598	0.025	2.2472	14 Aroclor 1254
6.562	8479958	134291	0.016	3.4491	
6.696	410180	12497	0.030	0.1668	
6.886	10977987	236140	0.022	4.4651	
7.028	1266676	30841	0.024	0.5152	
7.094	281733	10456	0.037	0.1146	
7.257	1095461	32219	0.029	0.4456	
7.332	3574992	83356	0.023	1.4541	
7.450	401803	14693	0.037	0.1634	
7.530	2021306	52413	0.026	0.8221	
7.646	1814706	50109	0.028	0.7381	
7.852	469443	11967	0.025	0.1909	
7.941	1682681	47830	0.028	0.6844	
8.137	570433	9255	0.016	0.2320	
8.236	317193	8635	0.027	0.1290	
8.271	275503	7293	0.026	0.1121	
8.546	653225	6645	0.010	0.2657	
8.599	70760	3472	0.049	0.0288	
8.697	30194967	1162674	0.039	12.2812	\$ 34 Decachlorobiphenyl
9.047	41402	1655	0.040	0.0168	
9.264	569817	6322	0.011	0.2318	
9.351	162948	5420	0.033	0.0663	
9.400	148378	5046	0.034	0.0603	
9.440	209245	5062	0.024	0.0851	
9.992	5790379	33372	0.006	2.3551	
10.203	318066	13223	0.042	0.1294	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
10.229	833755	12516	0.015	0.3391	
	245862783	6238609		100.000	

Total unknown % area = 64.7

Data File: \\Target1-ct\\files\\chem\\GC\\hp5890-4.1\\CD4639.b\\D4639011.d\\D4639011.RAW
Injection Date: 01-AUG-2007 18:52
Instrument: hp5890-4.1
Client Sample ID: KR12542 0.1mg



STL-INC

SW846 Method 8081A /8082

Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639284.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 10-AUG-2007 03:46
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : 284
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:10 hp5890-4.i Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

					AMOUNTS	
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	42852289	0.02500	0.0257 (M)
2 Aroclor 1016	2.288	2.292	-0.004	6806372	0.20000	0.188 (M)
29 Aroclor 1260	7.008	7.032	-0.024	20204111	0.20000	0.211 (M)
\$ 34 Decachlorobiphenyl	8.671	8.695	-0.024	63803329	0.05000	0.0492 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639284.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 10-AUG-2007 03:46
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : 284
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:10 hp5890-4.i Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

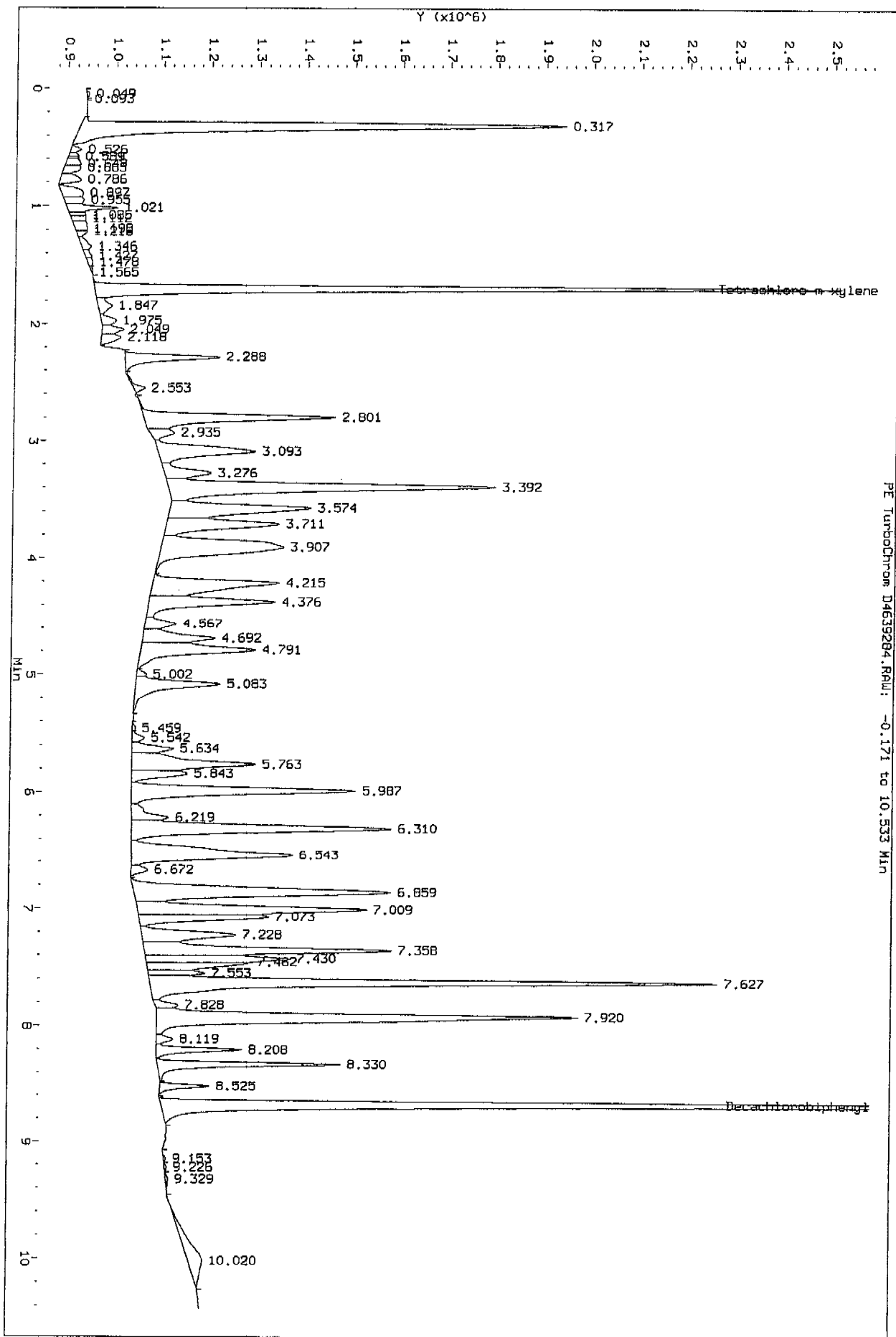
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.049	119783	5564	0.046	0.0185	
0.093	10305	1337	0.130	0.0015	
0.317	41313142	1017872	0.025	6.4031	
0.526	552748	23115	0.042	0.0856	
0.581	364397	21446	0.059	0.0564	
0.589	185717	22185	0.119	0.0287	
0.648	1197101	31982	0.027	0.1855	
0.685	1197456	34212	0.029	0.1855	
0.786	1722083	44032	0.026	0.2669	
0.897	2226458	45934	0.021	0.3450	
0.955	1337206	41752	0.031	0.2072	
1.021	2507941	106646	0.043	0.3887	
1.085	651442	32699	0.050	0.1009	
1.112	731661	30834	0.042	0.1134	
1.198	1354347	25022	0.018	0.2099	
1.218	508023	23113	0.045	0.0787	
1.346	979525	19760	0.020	0.1518	
1.427	472584	13450	0.028	0.0732	
1.478	417704	10847	0.026	0.0647	
1.565	152355	2691	0.018	0.0236	
1.695	42852289	1559578	0.036	6.6417	\$ 1 Tetrachloro-m-xylene
1.847	1598339	29046	0.018	0.2477	
1.975	1237576	31103	0.025	0.1918	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.049	1506875	46192	0.031	0.2335	
2.118	1621618	41343	0.025	0.2513	
2.288	6806372	198671	0.029	1.0549	2 Aroclor 1016
2.553	859050	24504	0.029	0.1331	
2.801	16535527	400325	0.024	2.5628	2 Aroclor 1016
2.935	2067421	51476	0.025	0.3204	
3.093	10785594	202700	0.019	1.6716	
3.276	4503957	97395	0.022	0.6980	
3.392	30713604	683911	0.022	4.7603	2 Aroclor 1016
3.574	14990053	293376	0.020	2.3233	
3.711	11801697	234575	0.020	1.8291	2 Aroclor 1016
3.907	19894198	255072	0.013	3.0834	
4.215	15029023	262998	0.017	2.3293	2 Aroclor 1016
4.376	11927119	263066	0.022	1.8485	
4.567	2750582	65003	0.024	0.4263	
4.692	6713449	151970	0.023	1.0405	
4.791	12507116	240031	0.019	1.9384	
5.002	580449	21499	0.037	0.0899	
5.083	8717338	177083	0.020	1.3511	
5.459	239480	6925	0.029	0.0371	
5.542	910519	25649	0.028	0.1411	
5.634	3151940	86468	0.027	0.4885	
5.763	12794005	258370	0.020	1.9829	
5.843	4470928	116749	0.026	0.6929	
5.987	19674172	467561	0.024	3.0493	
6.219	3446656	77877	0.023	0.5342	
6.310	23835756	542511	0.023	3.6943	
6.543	19629750	336346	0.017	3.0424	
6.672	1283177	35013	0.027	0.1988	
6.859	26974738	536277	0.020	4.1808	
7.009	20204111	478768	0.024	3.1314	29 Aroclor 1260
7.073	8605939	270713	0.031	1.3338	
7.228	8988445	196050	0.022	1.3931	
7.358	18837872	515431	0.027	2.9197	29 Aroclor 1260
7.430	9467647	301334	0.032	1.4674	29 Aroclor 1260
7.462	6421558	215540	0.034	0.9952	
7.553	2941836	118046	0.040	0.4559	
7.627	41900534	1183343	0.028	6.4942	29 Aroclor 1260
7.828	1387078	46854	0.034	0.2149	
7.920	37585491	879799	0.023	5.8254	
8.119	1105923	33944	0.031	0.1714	
8.208	4592884	177512	0.039	0.7118	
8.330	10099155	380973	0.038	1.5652	29 Aroclor 1260
8.525	2414162	103087	0.043	0.3741	
8.672	63803329	2359345	0.037	9.8923	\$ 34 Decachlorobiphenyl
9.153	131892	4596	0.035	0.0204	
9.226	162311	4659	0.029	0.0251	
9.329	331426	5659	0.017	0.0513	
10.020	5803549	29482	0.005	0.8994	
=====					
	645197482	16680291		100.000	

Total unknown % area = 55.4

Data File: \\target1.ct\files\chem\GC\hp5890-4.1\CD4639239.D\CD4639284.D\CD4639284.RAW
Injection Date: 10-AUG-2007 03:46
Instrument: hp5890-4.1
Client Sample ID: AR16603 0.2mg



STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639302.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 10-AUG-2007 14:03
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 10-Aug-2007 15:05 hp5890-4.i Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula:

$$\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vi} * \text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	40929245	0.02500	0.0245 (M)
2 Aroclor 1016	2.288	2.292	-0.004	7178399	0.20000	0.199 (M)
29 Aroclor 1260	7.011	7.032	-0.021	18645205	0.20000	0.195 (M)
\$ 34 Decachlorobiphenyl	8.671	8.695	-0.024	59615479	0.05000	0.0460 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639302.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 10-AUG-2007 14:03
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639.b\D4639.m
Meth Date : 10-Aug-2007 15:05 hp5890-4.i Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula:

$$\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vi} * \text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$$

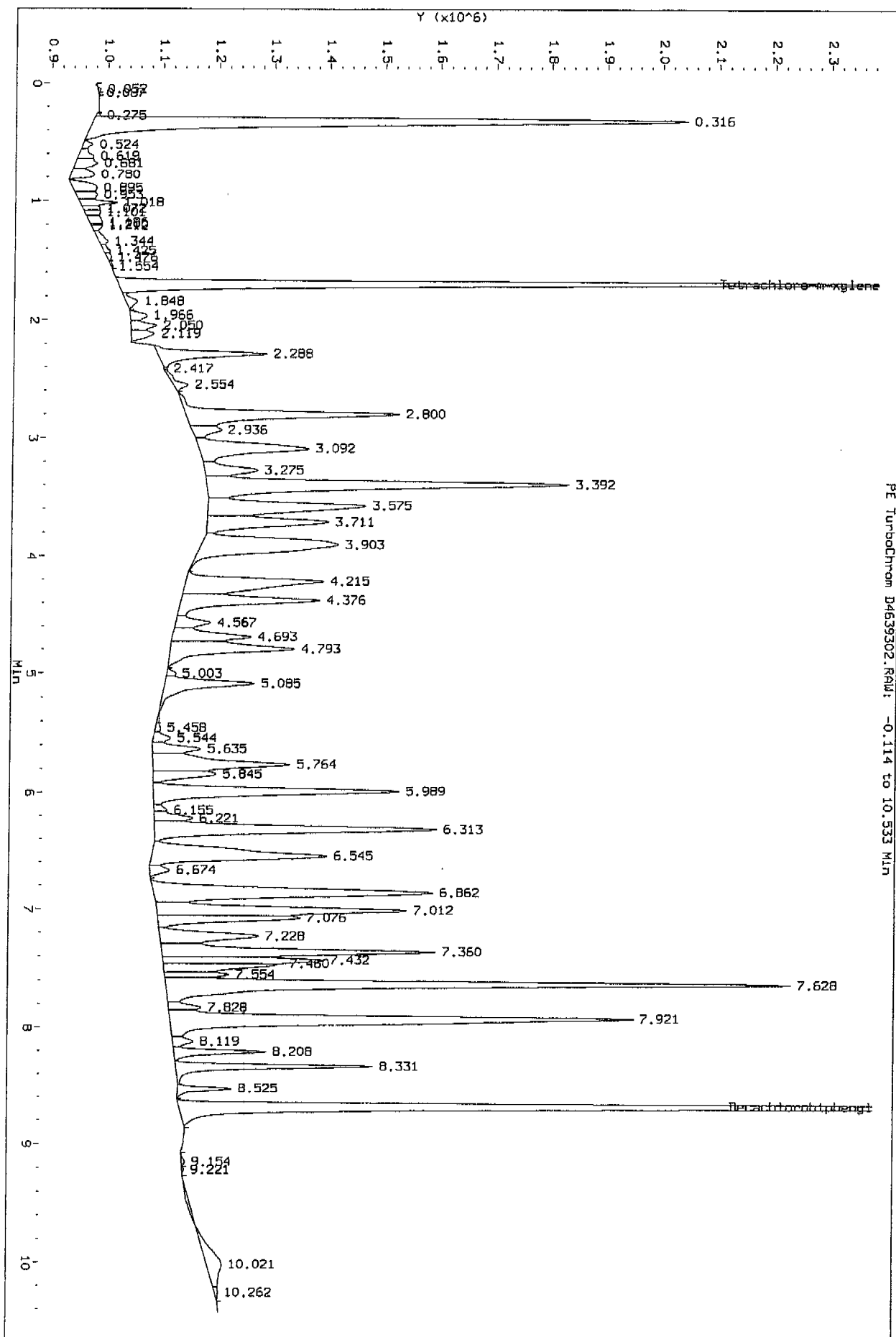
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	10.000	Volume of final extract (mL)
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.052	81278	5444	0.067	0.0131	
0.087	27344	2432	0.089	0.0044	
0.275	107444	8146	0.076	0.0173	
0.316	43304367	1069511	0.025	7.0081	
0.524	492766	18302	0.037	0.0797	
0.619	984557	27764	0.028	0.1593	
0.681	1762854	39625	0.022	0.2852	
0.780	1813224	42474	0.023	0.2934	
0.895	2143214	43421	0.020	0.3468	
0.953	1262079	38313	0.030	0.2042	
1.018	1601127	67760	0.042	0.2591	
1.072	643584	30476	0.047	0.1041	
1.101	744890	27822	0.037	0.1205	
1.186	875154	22557	0.026	0.1416	
1.200	172194	20989	0.122	0.0278	
1.212	455205	19721	0.043	0.0736	
1.344	826150	16371	0.020	0.1337	
1.425	404726	11472	0.028	0.0654	
1.476	297771	8695	0.029	0.0481	
1.554	96894	2383	0.025	0.0156	
1.694	40929245	1507010	0.037	6.6238	\$ 1 Tetrachloro-m-xylen

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
1.848	977875	20934	0.021	0.1582	
1.966	1117499	30170	0.027	0.1808	
2.050	1547421	45658	0.030	0.2504	
2.119	1625929	40874	0.025	0.2631	
2.288	7178399	196210	0.027	1.1617	2 Aroclor 1016
2.417	59552	5953	0.100	0.0096	
2.554	1218166	26339	0.022	0.1971	
2.800	16577853	385233	0.023	2.6828	2 Aroclor 1016
2.936	2345888	53190	0.023	0.3796	
3.092	10990517	197546	0.018	1.7786	
3.275	4498143	95729	0.021	0.7279	
3.392	29826052	651536	0.022	4.8269	2 Aroclor 1016
3.575	15009194	283557	0.019	2.4290	
3.711	10671919	217589	0.020	1.7270	2 Aroclor 1016
3.903	18645974	246292	0.013	3.0175	
4.215	14421457	247174	0.017	2.3339	2 Aroclor 1016
4.376	11387830	248839	0.022	1.8429	
4.567	2633577	62257	0.024	0.4262	
4.693	6264128	141936	0.023	1.0137	
4.793	11641714	223296	0.019	1.8840	
5.003	419951	16367	0.039	0.0679	
5.085	7861426	161285	0.021	1.2722	
5.458	366467	9299	0.025	0.0593	
5.544	1173225	30759	0.026	0.1898	
5.635	3291340	86465	0.026	0.5326	
5.764	12360796	245847	0.020	2.0004	
5.845	4414170	112857	0.026	0.7143	
5.989	18595753	441016	0.024	3.0094	
6.155	696319	23035	0.033	0.1126	
6.221	2387595	69193	0.029	0.3863	
6.313	22024661	506786	0.023	3.5643	
6.545	18308997	314006	0.017	2.9630	
6.674	1303587	34884	0.027	0.2109	
6.862	25278488	501698	0.020	4.0909	
7.012	18645206	449700	0.024	3.0174	29 Aroclor 1260
7.076	8433173	256008	0.030	1.3647	
7.228	8268816	177408	0.021	1.3381	
7.360	17835031	491620	0.028	2.8863	29 Aroclor 1260
7.432	8663560	290159	0.033	1.4020	29 Aroclor 1260
7.460	6601666	212739	0.032	1.0683	
7.554	3061395	115536	0.038	0.4954	
7.628	40074078	1119561	0.028	6.4854	29 Aroclor 1260
7.828	1872752	58772	0.031	0.3030	
7.921	36701448	833629	0.023	5.9395	
8.119	1402337	37371	0.027	0.2269	
8.208	4344445	165075	0.038	0.7030	
8.331	9423888	353985	0.038	1.5251	29 Aroclor 1260
8.525	2366652	96529	0.041	0.3830	
8.672	59615479	2230154	0.037	9.6517	\$ 34 Decachlorobiphenyl
9.154	227933	6182	0.027	0.0368	
9.221	103213	4017	0.039	0.0167	
10.021	3817892	26800	0.007	0.6178	
10.262	304722	5648	0.019	0.0493	
=====	=====	=====	=====	=====	
	617911611	15935390		100.000	

Total unknown % area = 55.7

PE TurboChrom D4639302.RAW: -0.114 to 10.533 MIN



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640002.d
Lab Smp Id: AR16601 0.05ng Client Smp ID: AR16601 0.05ng
Inj Date : 14-AUG-2007 15:50
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16601 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.834	1.835	-0.001	7993388	0.00500	0.00524
2 Aroclor 1016	2.443	2.440	0.003	1738120	0.05000	0.0480 (M)
29 Aroclor 1260	7.070	7.070	0.000	6952897	0.05000	0.0526 (M)
\$ 34 Decachlorobiphenyl	8.783	8.782	0.001	14178078	0.01000	0.0115 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640002.d
Lab Smp Id: AR16601 0.05ng Client Smp ID: AR16601 0.05ng
Inj Date : 14-AUG-2007 15:50
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16601 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

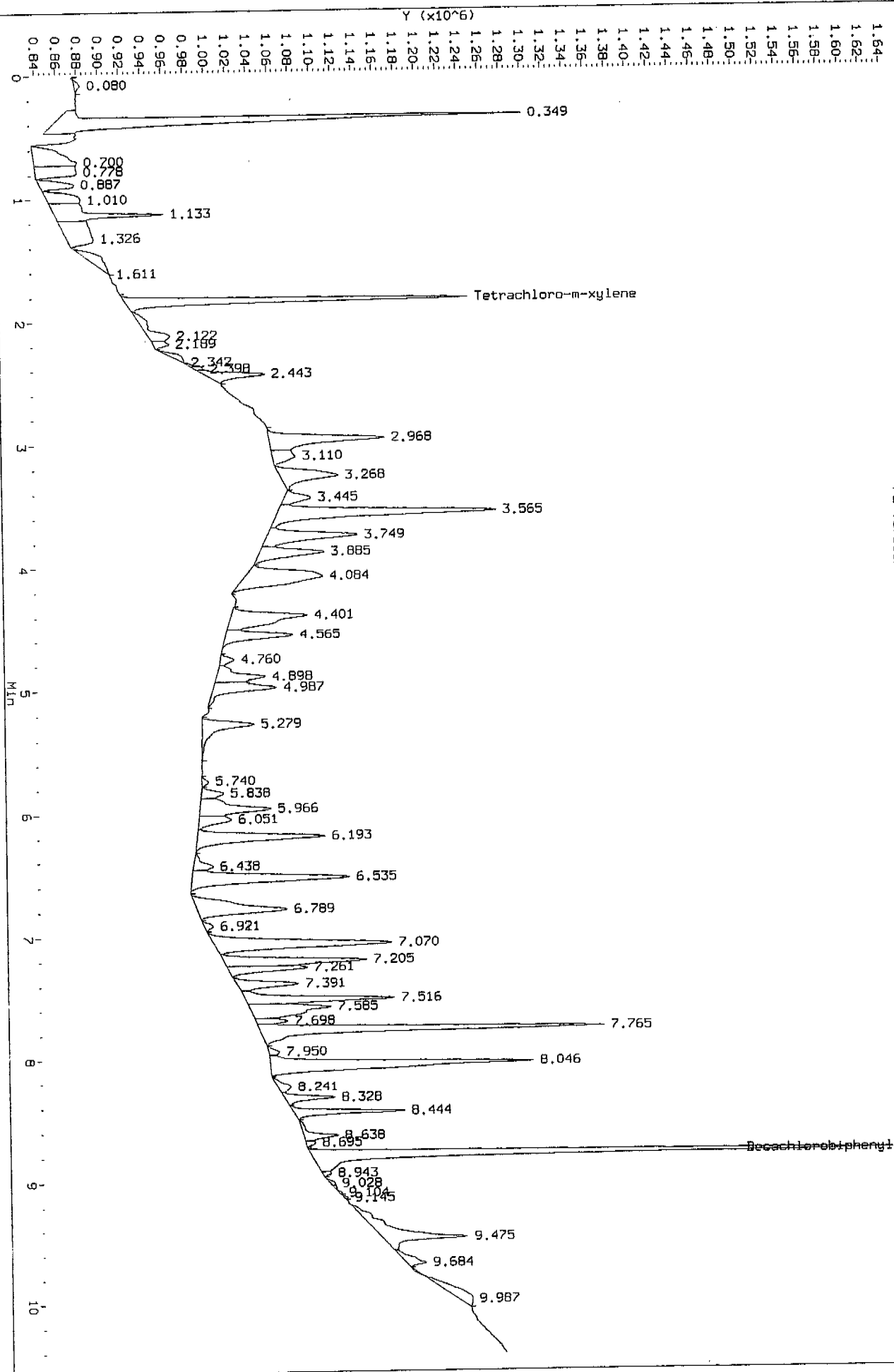
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.080	161403	5198	0.032	0.0924	
0.349	13053984	440940	0.034	7.4796	
0.700	2792690	40820	0.015	1.6001	
0.778	2058040	39302	0.019	1.1792	
0.887	1200559	32596	0.027	0.6878	
1.010	1581680	31392	0.020	0.9062	
1.133	3603641	102681	0.028	2.0648	
1.326	3000332	24978	0.008	1.7191	
1.611	1185599	976	0.001	0.6793	
1.834	7993389	325662	0.041	4.5800	\$ 1 Tetrachloro-m-xylen
2.122	1424957	20280	0.014	0.8164	
2.189	389590	14323	0.037	0.2232	
2.342	393190	360	0.001	0.2252	
2.398	223048	7269	0.033	0.1278	
2.443	1738121	56821	0.033	0.9959	2 Aroclor 1016
2.968	4548848	109483	0.024	2.6063	2 Aroclor 1016
3.110	1111848	21452	0.019	0.6370	
3.268	2839633	55340	0.019	1.6270	
3.445	1027218	24928	0.024	0.5885	
3.565	7882939	207492	0.026	4.5167	2 Aroclor 1016
3.749	3708005	85899	0.023	2.1246	2 Aroclor 1016
3.885	2563878	61241	0.024	1.4690	2 Aroclor 1016
4.084	5418970	73968	0.014	3.1049	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
4.401	4003418	72365	0.018	2.2938	
4.565	2440809	64381	0.026	1.3985	
4.760	416189	12829	0.031	0.2384	
4.898	1935427	46765	0.024	1.1089	
4.987	2575086	60312	0.023	1.4754	
5.279	2264822	49567	0.022	1.2976	
5.740	180908	6087	0.034	0.1036	
5.838	739005	21111	0.029	0.4234	
5.966	3147519	67700	0.022	1.8034	
6.051	1230268	30860	0.025	0.7049	
6.193	4687048	121134	0.026	2.6855	
6.438	771152	19026	0.025	0.4418	
6.535	6132619	150350	0.025	3.5138	
6.789	4467862	85437	0.019	2.5599	
6.921	244071	8640	0.035	0.1398	
7.070	6952897	168922	0.024	3.9838	29 Aroclor 1260
7.205	4443296	136203	0.031	2.5459	29 Aroclor 1260
7.261	2104676	75894	0.036	1.2059	
7.391	1857078	58296	0.031	1.0640	
7.516	4230911	141856	0.034	2.4242	
7.585	3674172	77611	0.021	2.1052	29 Aroclor 1260
7.698	726464	30338	0.042	0.4162	
7.765	9345077	327867	0.035	5.3545	29 Aroclor 1260
7.950	278652	10137	0.036	0.1596	
8.046	9309426	250190	0.027	5.3341	
8.241	537979	11662	0.022	0.3082	
8.328	1150622	47595	0.041	0.6592	
8.444	2256185	105780	0.047	1.2927	29 Aroclor 1260
8.638	1015580	33043	0.033	0.5819	
8.695	193014	9026	0.047	0.1105	
8.784	14178078	552168	0.039	8.1268	\$ 34 Decachlorobiphenyl
8.943	161848	8601	0.053	0.0927	
9.028	112922	4585	0.041	0.0647	
9.104	76467	2525	0.033	0.0438	
9.145	47930	3643	0.076	0.0274	
9.475	4491029	80801	0.018	2.5732	
9.684	794669	18524	0.023	0.4553	
9.987	1449588	12588	0.009	0.8305	
=====	=====	=====	=====	=====	
	174526318	4767820		100.000	

Total unknown % area = 60.3

Data File: \\target1.ct\files\chem\GC\mp5890-4.1\CD4540.b\B4640002.d\B4640002.RAW
Injection Date: 14-AUG-2007 15:50
Instrument: mp5890-4.1
Client Sample ID: AR18601 0.05ng

PE TurboChrom D4640002.RAW: 0.000 to 10.427 MIN



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640003.d
Lab Smp Id: AR16602 0.1ng Client Smp ID: AR16602 0.1ng
Inj Date : 14-AUG-2007 16:07
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16602 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.835	1.835	0.000	15738959	0.01000	0.0103
2 Aroclor 1016	2.444	2.441	0.003	3802005	0.10000	0.105 (M)
29 Aroclor 1260	7.071	7.070	0.001	13475200	0.10000	0.102 (M)
\$ 34 Decachlorobiphenyl	8.785	8.782	0.003	26456096	0.02000	0.0215 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640003.d
Lab Smp Id: AR16602 0.1ng Client Smp ID: AR16602 0.1ng
Inj Date : 14-AUG-2007 16:07
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16602 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

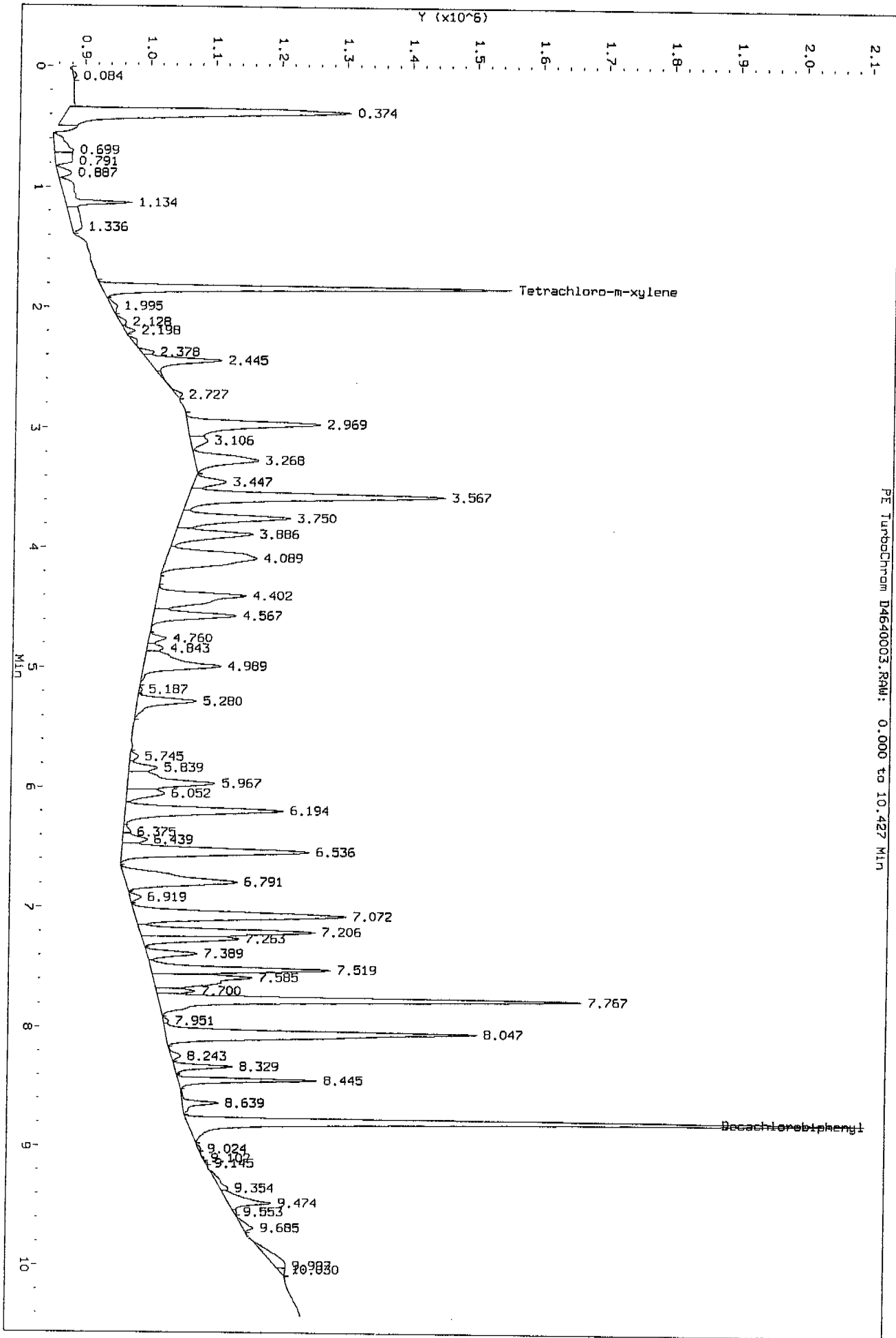
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.084	120513	5093	0.042	0.0408	
0.374	18428577	433173	0.024	6.2433	
0.699	1753297	29377	0.017	0.5939	
0.791	1440319	26032	0.018	0.4879	
0.887	779419	21074	0.027	0.2640	
1.134	3898682	101712	0.026	1.3208	
1.336	1873965	15227	0.008	0.6348	
1.835	15738960	626905	0.040	5.3321	\$ 1 Tetrachloro-m-xylen
1.995	423150	9468	0.022	0.1433	
2.128	322124	9096	0.028	0.1091	
2.198	366711	15923	0.043	0.1242	
2.378	690329	19591	0.028	0.2338	
2.445	3802006	113795	0.030	1.2880	2 Aroclor 1016
2.727	527122	9884	0.019	0.1785	
2.969	8091657	202879	0.025	2.7413	2 Aroclor 1016
3.106	1201276	26597	0.022	0.4069	
3.268	4839387	96844	0.020	1.6395	
3.447	1974993	48770	0.025	0.6690	
3.567	15129493	391828	0.026	5.1256	2 Aroclor 1016
3.750	6961866	166963	0.024	2.3585	2 Aroclor 1016
3.886	5176501	118507	0.023	1.7537	2 Aroclor 1016
4.089	10067059	137045	0.014	3.4105	
4.402	7336439	135229	0.018	2.4854	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
4.567	4749571	125891	0.027	1.6090	
4.760	906283	26861	0.030	0.3070	
4.843	754343	25498	0.034	0.2555	
4.989	6455596	118049	0.018	2.1870	
5.187	121942	5202	0.043	0.0413	
5.280	3582060	90605	0.025	1.2135	
5.745	427282	13031	0.030	0.1447	
5.839	1510054	44577	0.030	0.5115	
5.967	6423250	134475	0.021	2.1761	
6.052	2409852	59137	0.025	0.8164	
6.194	9748122	241908	0.025	3.3025	
6.375	338747	11648	0.034	0.1147	
6.439	1392474	38980	0.028	0.4717	
6.536	11908879	286726	0.024	4.0345	
6.791	9204863	171180	0.019	3.1184	
6.919	509148	17488	0.034	0.1724	
7.072	13475201	322110	0.024	4.5652	29 Aroclor 1260
7.206	8944241	267052	0.030	3.0301	29 Aroclor 1260
7.263	4093327	147773	0.036	1.3867	
7.389	2331518	77523	0.033	0.7898	
7.519	8120478	272953	0.034	2.7511	
7.585	7272952	151160	0.021	2.4639	29 Aroclor 1260
7.700	1333855	58813	0.044	0.4518	
7.767	19051719	645546	0.034	6.4544	29 Aroclor 1260
7.951	191714	8237	0.043	0.0649	
8.047	17643163	475188	0.027	5.9772	
8.243	469036	14460	0.031	0.1589	
8.329	2003173	88524	0.044	0.6786	
8.445	4648959	210522	0.045	1.5750	29 Aroclor 1260
8.639	1471544	54866	0.037	0.4985	
8.785	26456096	1031294	0.039	8.9663	\$ 34 Decachlorobiphenyl
9.024	101419	4047	0.040	0.0343	
9.102	47639	2352	0.049	0.0161	
9.145	51617	3798	0.074	0.0174	
9.354	710393	12371	0.017	0.2406	
9.474	2704538	64827	0.024	0.9162	
9.553	111314	4525	0.041	0.0377	
9.685	605985	15863	0.026	0.2052	
9.997	1686743	16197	0.010	0.5714	
10.030	258670	10375	0.040	0.0876	
=====	=====	=====	=====	=====	
	295171599	8132644		100.000	

Total unknown % area = 54.3

Data File: \\Target1.ct\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640003.d\\D4640003.RAW
Injection Date: 14-AUG-2007 16:07
Instrument: hp5890-4.1
Client Sample ID: AR16602 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640004.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 14-AUG-2007 16:25
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

		AMOUNTS					
		RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
Compounds							
\$ 1	Tetrachloro-m-xylene	1.834	1.835	-0.001	38084673	0.02500	0.0250 (M)
2	Aroclor 1016	2.443	2.442	0.001	8265388	0.20000	0.228 (M)
29	Aroclor 1260	7.070	7.070	0.000	26831946	0.20000	0.203 (M)
\$ 34	Decachlorobiphenyl	8.783	8.782	0.001	62547735	0.05000	0.0509 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640004.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 14-AUG-2007 16:25
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

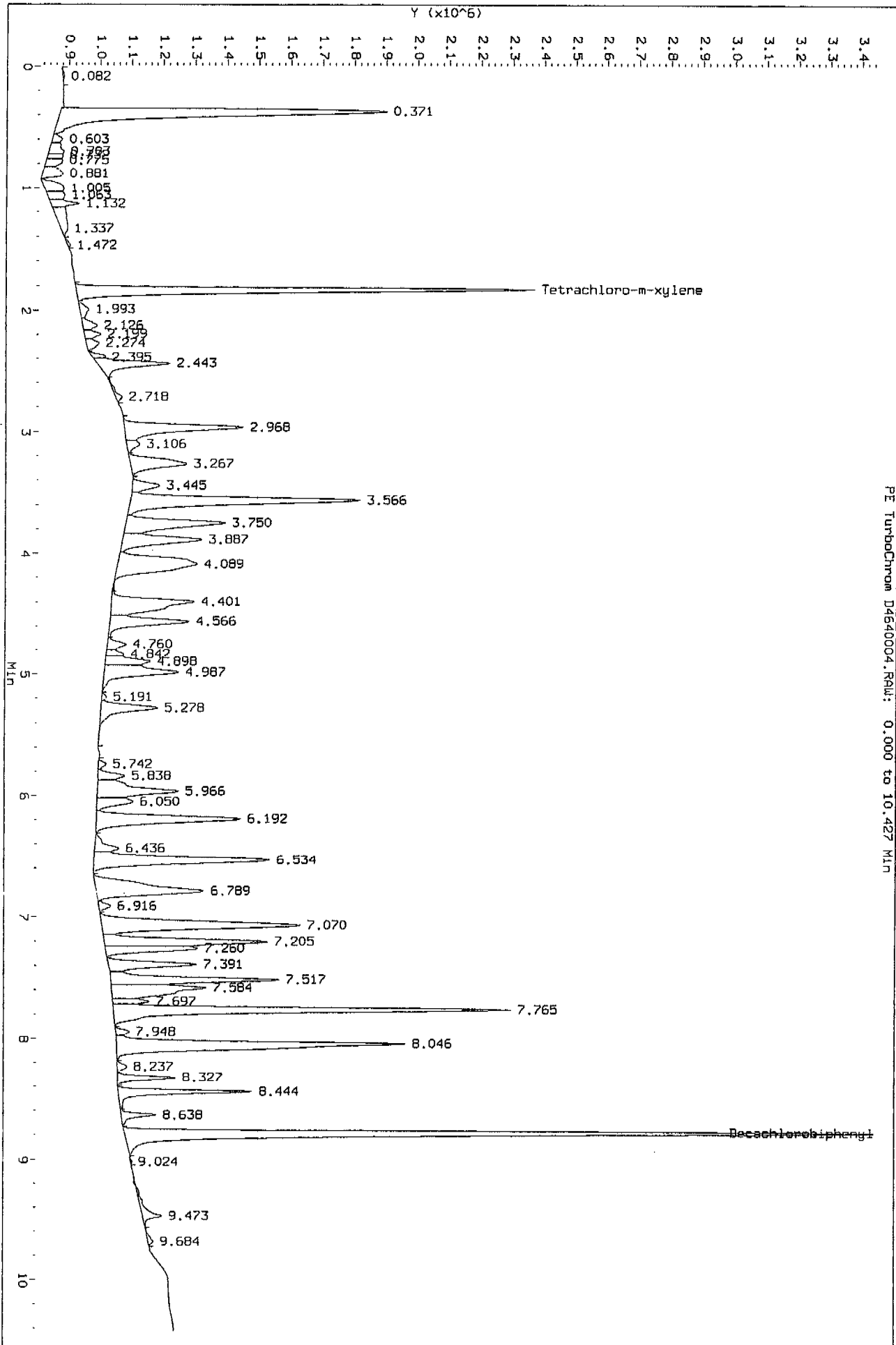
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	170531	5270	0.031	0.0278	
0.371	44119407	1029959	0.023	7.2038	
0.603	1041518	32044	0.031	0.1700	
0.703	2146972	47672	0.022	0.3505	
0.732	1024606	48592	0.047	0.1672	
0.775	1917680	51159	0.027	0.3131	
0.881	2799404	64063	0.023	0.4570	
1.005	3057492	60981	0.020	0.4992	
1.063	1976756	54568	0.028	0.3227	
1.132	2316130	89080	0.038	0.3781	
1.337	3730643	21169	0.006	0.6091	
1.472	320567	10233	0.032	0.0523	
1.835	38084674	1446954	0.038	6.2184	\$ 1 Tetrachloro-m-xylen
1.993	1411543	28362	0.020	0.2304	
2.126	1767240	45912	0.026	0.2885	
2.199	1618393	52131	0.032	0.2642	
2.274	1624263	40412	0.025	0.2652	
2.395	889364	38628	0.043	0.1452	
2.443	8265388	228356	0.028	1.3495	2 Aroclor 1016
2.718	966959	20400	0.021	0.1578	
2.968	15060624	374595	0.025	2.4591	2 Aroclor 1016
3.106	1641762	41169	0.025	0.2680	
3.267	8775362	177833	0.020	1.4328	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.445	3285392	85715	0.026	0.5364	
3.566	28712384	724285	0.025	4.6881	2 Aroclor 1016
3.750	14189927	312485	0.022	2.3169	2 Aroclor 1016
3.887	10935389	249935	0.023	1.7855	2 Aroclor 1016
4.089	18950630	250184	0.013	3.0942	
4.401	15101984	261338	0.017	2.4658	
4.566	9983198	249947	0.025	1.6300	
4.760	2184850	59469	0.027	0.3567	
4.842	1405380	55902	0.040	0.2294	
4.898	5059050	142446	0.028	0.8260	
4.987	10848048	234716	0.022	1.7712	
5.191	390066	14525	0.037	0.0636	
5.278	7420382	179302	0.024	1.2116	
5.742	722880	23570	0.033	0.1180	
5.838	2804481	84301	0.030	0.4579	
5.966	12375966	255887	0.021	2.0207	
6.050	4507982	113819	0.025	0.7360	
6.192	18512011	454713	0.025	3.0226	
6.436	3259193	76546	0.023	0.5321	
6.534	23305611	552831	0.024	3.8053	
6.789	18662512	338269	0.018	3.0472	
6.916	1160589	37841	0.033	0.1895	
7.070	26831946	625823	0.023	4.3811	29 Aroclor 1260
7.205	17546827	513948	0.029	2.8650	29 Aroclor 1260
7.260	8467647	291819	0.034	1.3825	
7.391	9122191	278054	0.030	1.4894	
7.452	0	0	---	0.0000	
7.517	16299242	529550	0.032	2.6613	
7.584	14098525	297336	0.021	2.3020	29 Aroclor 1260
7.697	2656731	116458	0.044	0.4337	
7.765	38059270	1253740	0.033	6.2143	29 Aroclor 1260
7.948	1168103	43422	0.037	0.1907	
8.046	35312745	911828	0.026	5.7658	
8.237	981140	29918	0.030	0.1602	
8.327	4277105	183256	0.043	0.6983	
8.444	10207958	420564	0.041	1.6667	29 Aroclor 1260
8.638	2754518	109901	0.040	0.4497	
8.783	62547735	2359569	0.038	10.2158	\$ 34 Decachlorobiphenyl
9.024	126842	4575	0.036	0.0207	
9.473	2884505	61231	0.021	0.4709	
9.684	596229	16074	0.027	0.0973	
612444436		16814634		100.000	

Total unknown % area = 53.5

Data File: \\target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\DA640004.d\DA640004.RAW
Injection Date: 14-AUG-2007 16:25
Instrument: hp5890-4.1
Client Sample ID: AR16603 0.2mg



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640005.d
Lab Smp Id: AR16604 0.4ng Client Smp ID: AR16604 0.4ng
Inj Date : 14-AUG-2007 16:42
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16604 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.836	1.835	0.001	74397681	0.05000	0.0488
2 Aroclor 1016	2.444	2.442	0.002	13985386	0.40000	0.386 (M)
29 Aroclor 1260	7.071	7.070	0.001	50401755	0.40000	0.382 (M)
\$ 34 Decachlorobiphenyl	8.785	8.782	0.003	118258814	0.10000	0.0962 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640005.d
Lab Smp Id: AR16604 0.4ng Client Smp ID: AR16604 0.4ng
Inj Date : 14-AUG-2007 16:42
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16604 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

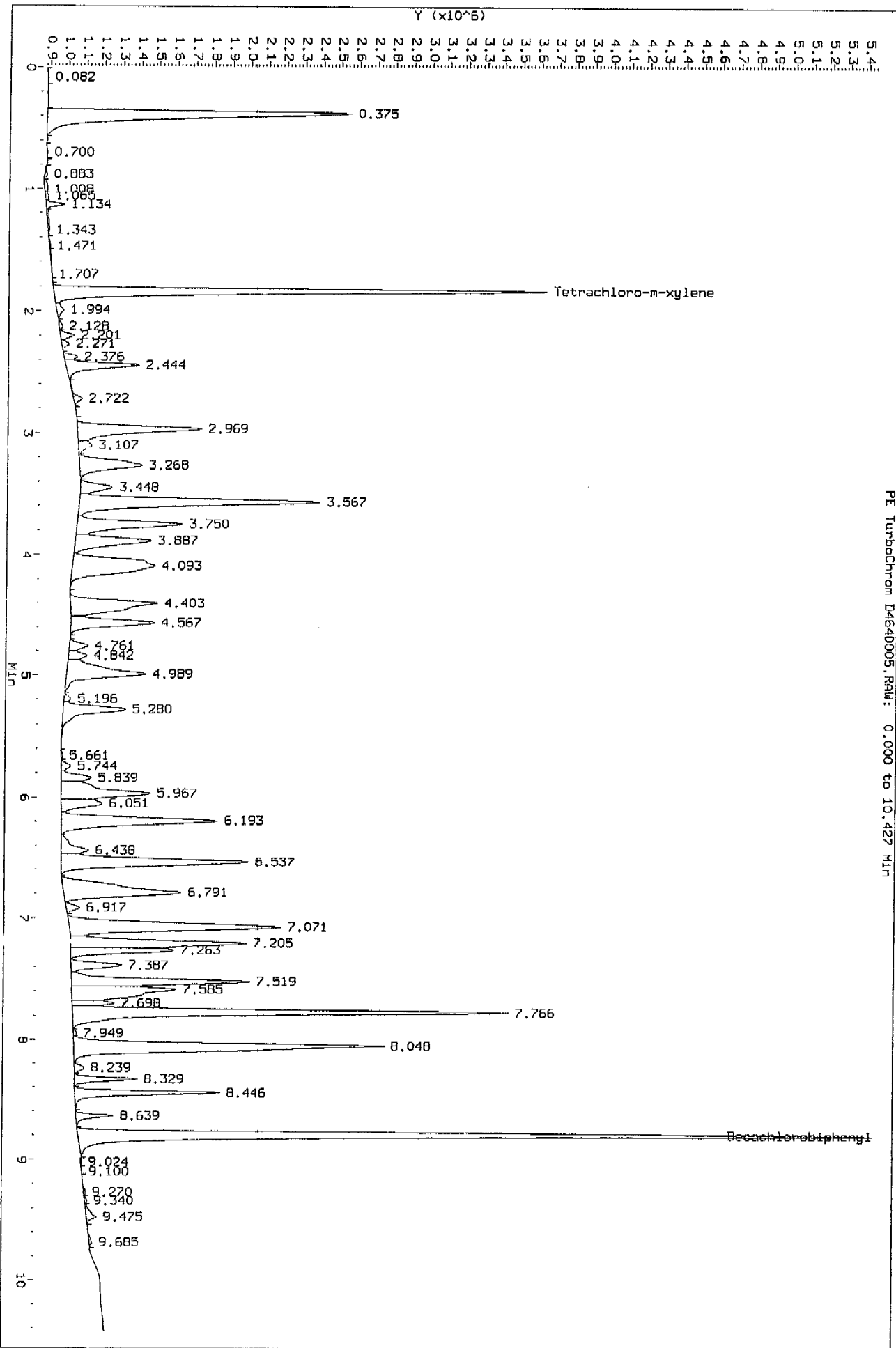
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	149917	5034	0.034	0.0138	
0.375	68176230	1674953	0.025	6.2867	
0.700	149224	5610	0.038	0.0137	
0.883	420734	14760	0.035	0.0387	
1.008	960718	16827	0.018	0.0885	
1.065	642249	20263	0.032	0.0592	
1.134	2025934	105419	0.052	0.1868	
1.343	1085063	7244	0.007	0.1000	
1.471	268705	7544	0.028	0.0247	
1.707	393848	2172	0.006	0.0363	
1.836	74397682	2714037	0.036	6.8604	\$ 1 Tetrachloro-m-xylene
1.994	1758441	40021	0.023	0.1621	
2.128	670420	19641	0.029	0.0618	
2.201	2114952	77402	0.037	0.1950	
2.271	1182203	40780	0.034	0.1090	
2.376	1765425	75331	0.043	0.1627	
2.444	13985387	404627	0.029	1.2896	2 Aroclor 1016
2.722	1760576	47586	0.027	0.1623	
2.969	27361244	683374	0.025	2.5230	2 Aroclor 1016
3.107	2911166	73671	0.025	0.2684	
3.268	17366160	342251	0.020	1.6013	
3.448	6890903	174505	0.025	0.6354	
3.567	52361961	1323332	0.025	4.8284	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.750	23573224	577660	0.025	2.1737	2 Aroclor 1016
3.887	18300876	417796	0.023	1.6875	2 Aroclor 1016
4.093	35209159	453489	0.013	3.2467	
4.403	26335441	478195	0.018	2.4284	
4.567	17585308	458726	0.026	1.6216	
4.761	3353555	101337	0.030	0.3092	
4.842	3333950	100187	0.030	0.3074	
4.989	23424715	434480	0.019	2.1600	
5.196	1022995	36842	0.036	0.0943	
5.280	15144183	342817	0.023	1.3964	
5.661	360186	9840	0.027	0.0332	
5.744	1677178	51938	0.031	0.1546	
5.839	5664819	164688	0.029	0.5223	
5.967	24072301	490101	0.020	2.2197	
6.051	8915619	225164	0.025	0.8221	
6.193	35804260	855652	0.024	3.3016	
6.438	6546529	149831	0.023	0.6036	
6.537	44424922	1026744	0.023	4.0965	
6.791	35986135	643342	0.018	3.3184	
6.917	2138841	71564	0.033	0.1972	
7.071	50401755	1165108	0.023	4.6477	29 Aroclor 1260
7.205	33158938	970219	0.029	3.0577	29 Aroclor 1260
7.263	16668123	566537	0.034	1.5370	
7.387	8379728	279613	0.033	0.7727	
7.519	30750863	979367	0.032	2.8356	
7.585	27762767	572139	0.021	2.5601	29 Aroclor 1260
7.698	5448635	229936	0.042	0.5024	
7.766	75068997	2398391	0.032	6.9223	29 Aroclor 1260
7.949	425188	18422	0.043	0.0392	
8.048	68659969	1715638	0.025	6.3313	
8.239	1632425	52592	0.032	0.1505	
8.329	8033589	345887	0.043	0.7408	
8.446	19356765	796966	0.041	1.7849	29 Aroclor 1260
8.639	4676015	203108	0.043	0.4311	
8.785	118258814	4366396	0.037	10.9082	\$ 34 Decachlorobiphenyl
9.024	277270	8545	0.031	0.0255	
9.100	99010	4620	0.047	0.0091	
9.270	410456	11360	0.028	0.0378	
9.340	394884	12348	0.031	0.0364	
9.475	2291788	55224	0.024	0.2113	
9.685	609540	15173	0.025	0.0562	
1084438853		29734366		100.000	

Total unknown % area = 50.8

Data File: \\Target1-ct\\Files\\chem\\GC\\hps5890-4.1\\CD4640.b\\D4640005.d\\D4640005.RAW
Injection Date: 14-AUG-2007 16:42
Instrument: hps5890-4.1
Client Sample ID: AR16504 0.4ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640006.d
Lab Smp Id: AR16605 0.8ng Client Smp ID: AR16605 0.8ng
Inj Date : 14-AUG-2007 17:00
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16605 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.835	1.835	0.000	143739685	0.10000	0.0943
2 Aroclor 1016	2.443	2.443	0.000	25632697	0.80000	0.708 (M)
29 Aroclor 1260	7.071	7.070	0.001	101046065	0.80000	0.765 (M)
\$ 34 Decachlorobiphenyl	8.776	8.782	-0.006	194936411	0.20000	0.158 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640006.d
Lab Smp Id: AR16605 0.8ng Client Smp ID: AR16605 0.8ng
Inj Date : 14-AUG-2007 17:00 Inst ID: hp5890-4.i
Operator : turbo1
Smp Info : AR16605 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 10:00 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000 Compound Sublist: ar1660.sub
Integrator: HP Genie
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

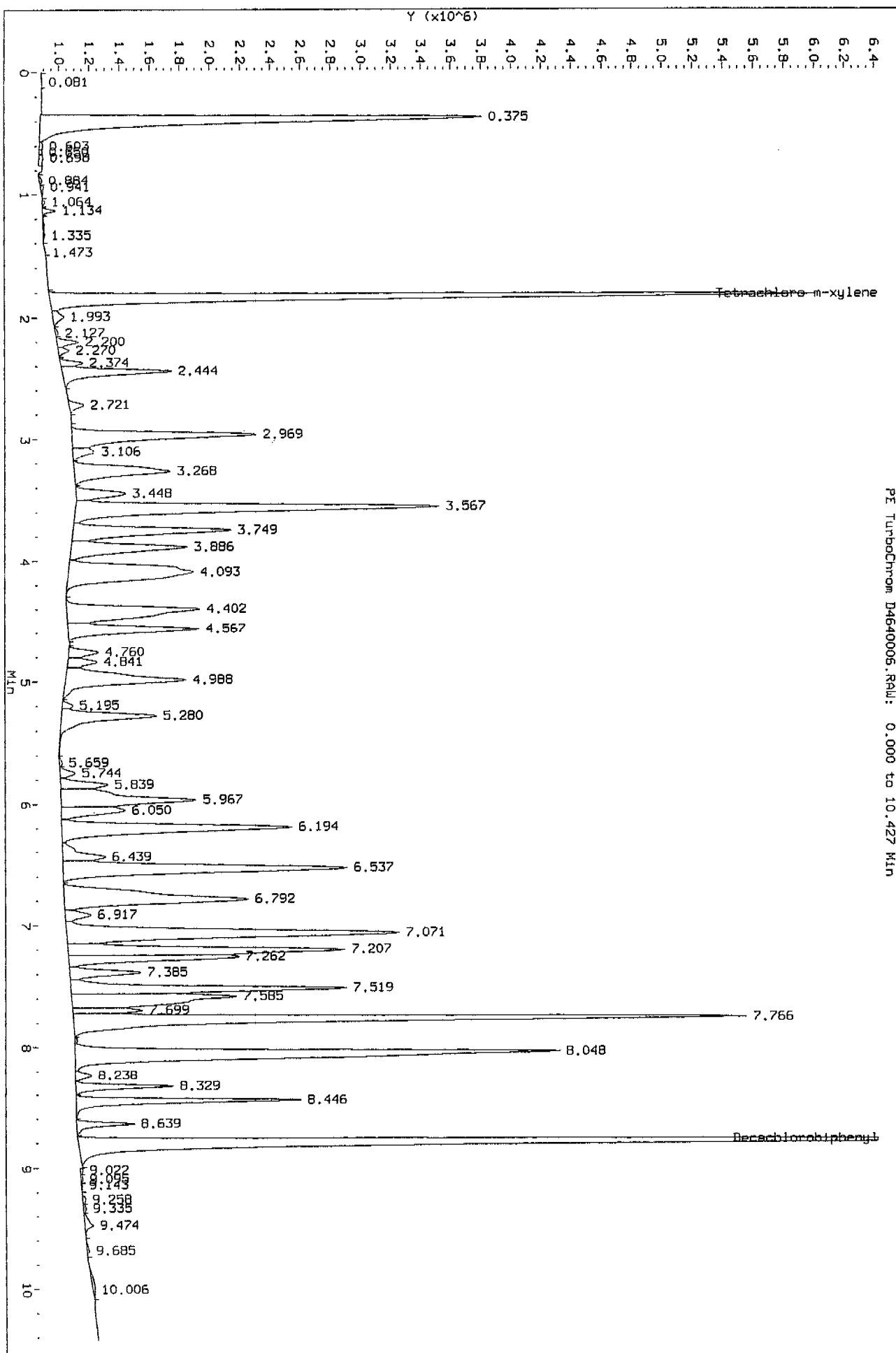
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	133671	5030	0.038	0.0065	
0.375	119720940	2928359	0.024	5.8956	
0.603	798895	23515	0.029	0.0393	
0.650	459209	20845	0.045	0.0226	
0.698	1372290	27557	0.020	0.0675	
0.884	567742	17905	0.032	0.0279	
0.941	700371	23183	0.033	0.0344	
1.064	344033	16425	0.048	0.0169	
1.134	1524209	88292	0.058	0.0750	
1.335	960301	9720	0.010	0.0472	
1.473	174942	5276	0.030	0.0086	
1.836	143739686	5081907	0.035	7.0784	\$ 1 Tetrachloro-m-xylene
1.993	3143119	73488	0.023	0.1547	
2.127	612441	17740	0.029	0.0301	
2.200	3757864	142075	0.038	0.1850	
2.270	1913589	71803	0.038	0.0942	
2.374	3533829	147302	0.042	0.1740	
2.444	25632697	728573	0.028	1.2622	2 Aroclor 1016
2.721	3356498	96789	0.029	0.1652	
2.969	50716102	1226844	0.024	2.4975	2 Aroclor 1016
3.106	5387012	143253	0.027	0.2652	
3.268	32460332	637477	0.020	1.5985	
3.448	12943640	329261	0.025	0.6374	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.567	96412113	2415900	0.025	4.7478	2 Aroclor 1016
3.749	42460261	1048503	0.025	2.0909	2 Aroclor 1016
3.886	33893380	770465	0.023	1.6690	2 Aroclor 1016
4.093	65174968	832043	0.013	3.2095	
4.402	49662181	886901	0.018	2.4456	
4.567	34682770	873210	0.025	1.7079	
4.760	6534717	195146	0.030	0.3218	
4.841	6594600	190943	0.029	0.3247	
4.988	42206938	801258	0.019	2.0784	
5.195	1967320	70144	0.036	0.0968	
5.280	28557277	635376	0.022	1.4063	
5.659	626518	17987	0.029	0.0308	
5.744	3185333	98470	0.031	0.1568	
5.839	10646174	312672	0.029	0.5242	
5.967	45661292	900181	0.020	2.2485	
6.050	16987298	425822	0.025	0.8365	
6.194	66082145	1529220	0.023	3.2542	
6.439	12541424	284368	0.023	0.6176	
6.537	83427951	1886875	0.023	4.1084	
6.792	70557619	1224481	0.017	3.4746	
6.917	6154305	169243	0.027	0.3030	
7.071	101046065	2212027	0.022	4.9760	29 Aroclor 1260
7.207	65116084	1839911	0.028	3.2066	29 Aroclor 1260
7.262	35514317	1136783	0.032	1.7489	
7.385	15117188	476295	0.032	0.7444	
7.519	59696434	1833202	0.031	2.9397	
7.585	55519324	1101448	0.020	2.7340	29 Aroclor 1260
7.699	11311548	470002	0.042	0.5570	
7.766	146556040	4468571	0.030	7.2171	29 Aroclor 1260
8.048	134331078	3231863	0.024	6.6151	
8.238	3443686	106114	0.031	0.1695	
8.329	15859141	652581	0.041	0.7809	
8.446	37644303	1497422	0.040	1.8537	29 Aroclor 1260
8.639	9080304	387323	0.043	0.4471	
8.777	194936411	5308183	0.027	9.6027	\$ 34 Decachlorobiphenyl
9.022	479565	17533	0.037	0.0236	
9.095	408299	12732	0.031	0.0201	
9.143	190007	6847	0.036	0.0093	
9.258	780066	21791	0.028	0.0384	
9.335	643029	19791	0.031	0.0316	
9.474	2691948	57704	0.021	0.1325	
9.685	648447	15907	0.025	0.0319	
10.006	1680068	13299	0.008	0.0827	
=====	=====	=====	=====	=====	
	2030663341	52319156		100.000	

Total unknown % area = 51.1

Data File: \\Tanger1.ct\File\chem\GC\hp5890-4.1\CD4640.b\D4640006.d\D4640006.RAW
 Injection Date: 14-JUL-2007 17:00
 Instrument: hp5890-4.1
 Client Sample ID: AR16605 0.8ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640007.d
Lab Smp Id: AR12212 0.2ng Client Smp ID: AR12212 0.2ng
Inj Date : 14-AUG-2007 17:17
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12212 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1221.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.835	1.834	0.001	16257020	0.01000	0.00992 (M)
\$ 5 Aroclor 1221	2.199	2.199	0.000	3540354	0.20000	0.200 (M)
\$ 34 Decachlorobiphenyl	8.785	8.781	0.004	27722947	0.02000	0.0211 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640007.d
Lab Smp Id: AR12212 0.2ng Client Smp ID: AR12212 0.2ng
Inj Date : 14-AUG-2007 17:17
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12212 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1221.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

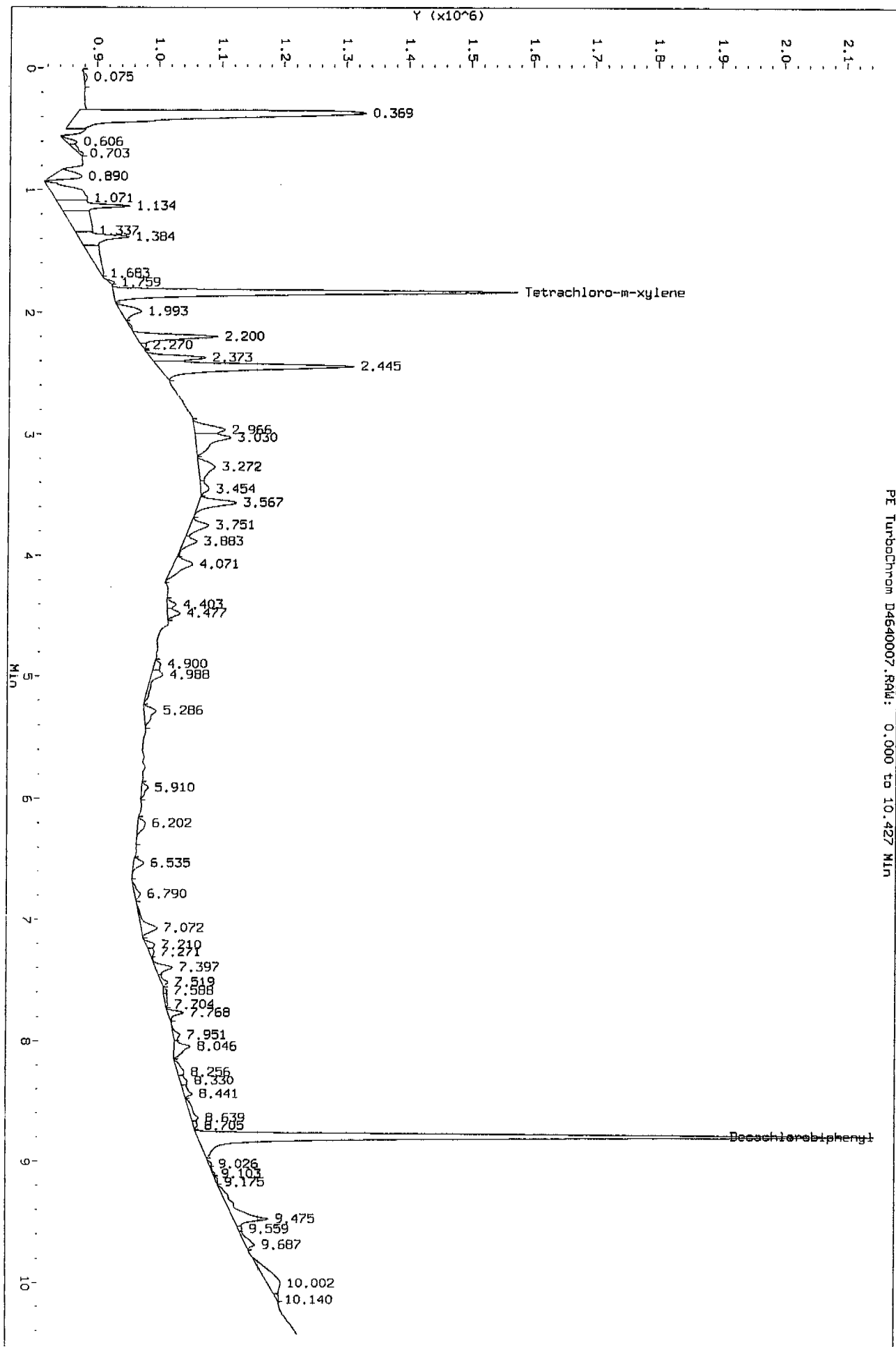
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.075	178681	5519	0.031	0.1306	
0.369	20213065	463148	0.023	14.7818	
0.606	403011	17599	0.044	0.2947	
0.703	386597	6358	0.016	0.2827	
0.890	1766811	49495	0.028	1.2920	
1.071	3946756	53023	0.013	2.8862	
1.134	3503569	113809	0.032	2.5621	
1.337	3690721	29180	0.008	2.6990	
1.384	2927835	81757	0.028	2.1411	
1.683	1985587	4822	0.002	1.4520	
1.759	137412	7765	0.057	0.1004	
1.836	16257020	648871	0.040	11.8887	\$ 1 Tetrachloro-m-xylene
1.993	1478589	33833	0.023	1.0812	
2.200	3540354	131098	0.037	2.5890	5 Aroclor 1221
2.270	162188	7980	0.049	0.1186	
2.373	2235513	88032	0.039	1.6348	5 Aroclor 1221
2.445	10668452	313818	0.029	7.8018	5 Aroclor 1221
2.807	0	0	---	0.0000	
2.873	0	0	---	0.0000	
2.966	1921638	48703	0.025	1.4052	5 Aroclor 1221
3.030	3059179	56364	0.018	2.2371	5 Aroclor 1221
3.272	1718920	26653	0.016	1.2570	
3.454	630812	13352	0.021	0.4613	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.567	2224680	61156	0.027	1.6269	
3.751	1347815	29255	0.022	0.9856	
3.883	896290	21236	0.024	0.6554	
4.071	1854078	30506	0.016	1.3558	
4.403	451553	14601	0.032	0.3302	
4.477	704512	20249	0.029	0.5152	
4.900	439131	10285	0.023	0.3211	
4.988	1171386	18742	0.016	0.8566	
5.286	1101672	20150	0.018	0.8056	
5.910	501639	11083	0.022	0.3668	
6.202	720882	12537	0.017	0.5271	
6.535	663695	16231	0.024	0.4853	
6.790	508862	9905	0.019	0.3721	
7.072	1419680	26602	0.019	1.0382	
7.210	436779	14319	0.033	0.3194	
7.271	295585	8165	0.028	0.2161	
7.397	937446	27089	0.029	0.6855	
7.519	335364	10043	0.030	0.2452	
7.588	142723	5891	0.041	0.1043	
7.704	296826	4251	0.014	0.2170	
7.768	629103	24908	0.040	0.4600	
7.951	416113	10776	0.026	0.3043	
8.046	1139002	25609	0.022	0.8329	
8.256	579342	9914	0.017	0.4236	
8.330	445709	11219	0.025	0.3259	
8.441	524917	13393	0.026	0.3838	
8.639	774239	11831	0.015	0.5662	
8.705	290916	6459	0.022	0.2127	
8.785	27722947	1082905	0.039	20.2767	\$ 34 Decachlorobiphenyl
9.026	110482	4676	0.042	0.0807	
9.103	98002	3570	0.036	0.0716	
9.175	94494	2251	0.024	0.0691	
9.475	3210571	55350	0.017	2.3478	
9.559	160862	6058	0.038	0.1176	
9.687	669623	14833	0.022	0.4896	
10.002	2451113	20776	0.008	1.7925	
10.140	161834	2228	0.014	0.1183	
136742572		3880231		100.000	

Total unknown % area = 52.2

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\D4640007.d\D4640007.RAW
Injection Date: 14-AUG-2007 17:17
Instrument: hp5890-4.1
Client Sample ID: AR12212 0.2mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640008.d
Lab Smp Id: AR12322 0.1ng Client Smp ID: AR12322 0.1ng
Inj Date : 14-AUG-2007 17:35
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12322 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1232.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.836	1.835	0.001	15884806	0.01000	0.00965 (M)
4 Aroclor 1232	2.445	2.446	-0.001	4057403	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	8.785	8.781	0.004	32703292	0.02000	0.0257 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640008.d
Lab Smp Id: AR12322 0.1ng Client Smp ID: AR12322 0.1ng
Inj Date : 14-AUG-2007 17:35
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12322 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1232.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

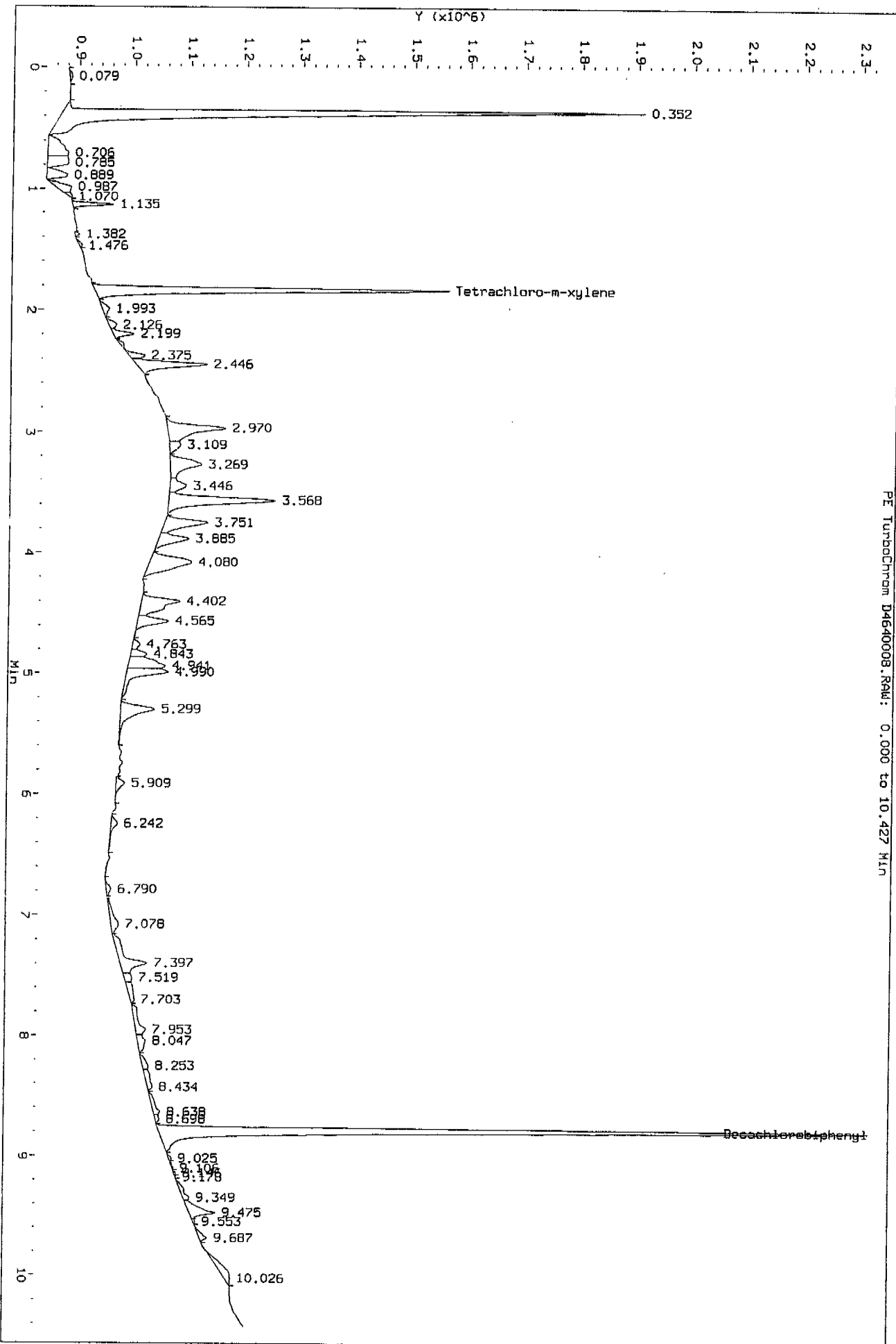
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.079	167988	4893	0.029	0.1059	
0.352	31919547	1041802	0.033	20.1317	
0.706	2602906	37428	0.014	1.6416	
0.785	1978186	38304	0.019	1.2476	
0.889	1424233	37010	0.026	0.8982	
0.987	1094858	27357	0.025	0.6905	
1.070	235793	5122	0.022	0.1487	
1.135	1161196	73670	0.063	0.7323	
1.382	121392	8066	0.066	0.0765	
1.476	145476	4719	0.032	0.0917	
1.837	15884807	635159	0.040	10.0185	\$ 1 Tetrachloro-m-xylen
1.993	572706	12889	0.023	0.3612	
2.126	476375	13462	0.028	0.3004	
2.199	877823	36805	0.042	0.5536	
2.375	949584	28921	0.030	0.5989	
2.446	4057404	126931	0.031	2.5590	4 Aroclor 1232
2.970	4858512	103896	0.021	3.0642	4 Aroclor 1232
3.109	872267	19759	0.023	0.5501	
3.269	3234598	56720	0.018	2.0400	
3.446	1361535	29235	0.021	0.8587	
3.568	7369554	191184	0.026	4.6479	4 Aroclor 1232
3.751	3248141	77134	0.024	2.0486	4 Aroclor 1232
3.885	2240044	53979	0.024	1.4127	4 Aroclor 1232

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
4.080	4934907	74986	0.015	3.1124	
4.402	3840668	68188	0.018	2.4223	
4.565	2067458	55176	0.027	1.3039	
4.763	471871	13365	0.028	0.2976	
4.843	856569	29624	0.035	0.5402	
4.941	2979459	66454	0.022	1.8791	
4.990	3155328	73825	0.023	1.9900	
5.299	3357074	61094	0.018	2.1173	
5.909	646336	14875	0.023	0.4076	
6.242	630589	11234	0.018	0.3977	
6.790	389036	8385	0.022	0.2453	
7.078	1247837	13681	0.011	0.7870	
7.397	3211637	48316	0.015	2.0255	
7.519	554812	13778	0.025	0.3499	
7.703	925535	7494	0.008	0.5837	
7.953	1469229	18413	0.013	0.9266	
8.047	923525	14830	0.016	0.5824	
8.253	564084	10037	0.018	0.3557	
8.434	841381	8223	0.010	0.5306	
8.638	751980	11347	0.015	0.4742	
8.698	316561	7146	0.023	0.1996	
8.785	32703292	1266325	0.039	20.6284	\$ 34 Decachlorobiphenyl
9.025	136384	5060	0.037	0.0860	
9.106	94290	2390	0.025	0.0594	
9.146	65224	3634	0.056	0.0411	
9.178	18193	1339	0.074	0.0114	
9.349	666003	10574	0.016	0.4200	
9.475	1938953	45857	0.024	1.2229	
9.553	87844	3323	0.038	0.0554	
9.687	492745	13249	0.027	0.3107	
10.026	1359894	8751	0.006	0.8576	
	158553621	4655418		100.000	

Total unknown % area = 55.6

Data File: \\Target1.ct\Files\chem\GC\hps5890-4.1\CD4640.b\D4640008.d\D4640008.RAW
Injection Date: 14-AUG-2007 17:35
Instrument: hps5890-4.1
Client Sample ID: AR12322 0.1ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640009.d
Lab Smp Id: AR12421 0.05ng Client Smp ID: AR12421 0.05ng
Inj Date : 14-AUG-2007 17:52
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12421 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

AMOUNTS						
Compounds	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT	ON-COL
					(ug/mL)	(ug/mL)
*****	****	*****	*****	*****	*****	*****
\$ 1 Tetrachloro-m-xylene	1.835	1.836	-0.001	7425003	0.00500	0.00502
6 Aroclor 1242	2.446	2.448	-0.002	1252402	0.05000	0.0425 (M)
\$ 34 Decachlorobiphenyl	8.784	8.782	0.002	13420383	0.01000	0.0111

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640009.d
Lab Smp Id: AR12421 0.05ng Client Smp ID: AR12421 0.05ng
Inj Date : 14-AUG-2007 17:52
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12421 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

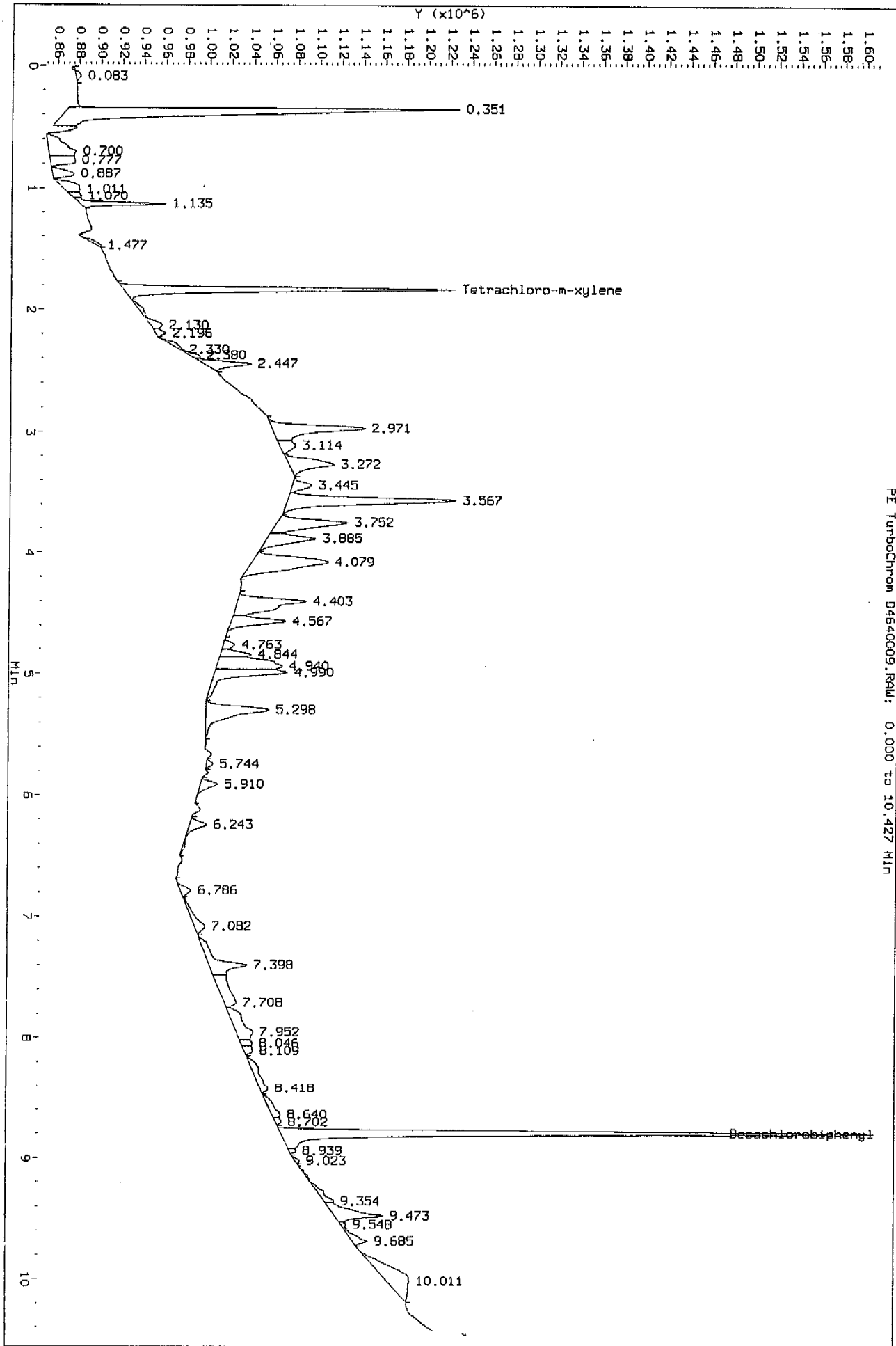
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.083	136491	5074	0.037	0.1415	
0.351	11981584	360050	0.030	12.4282	
0.700	1684572	25508	0.015	1.7473	
0.777	1066035	23183	0.022	1.1057	
0.887	722011	19977	0.028	0.7489	
1.011	804042	14496	0.018	0.8340	
1.070	294475	8832	0.030	0.3054	
1.135	1373797	78941	0.057	1.4250	
1.477	173526	3385	0.020	0.1799	
1.836	7425003	304228	0.041	7.7017	\$ 1 Tetrachloro-m-xylen
2.130	686964	10785	0.016	0.7125	
2.196	251543	9091	0.036	0.2609	
2.330	248647	2700	0.011	0.2579	
2.380	235670	8621	0.037	0.2444	
2.447	1252402	42500	0.034	1.2990	6 Aroclor 1242
2.971	3620104	85326	0.024	3.7550	6 Aroclor 1242
3.114	700468	14587	0.021	0.7265	
3.272	2062058	41610	0.020	2.1389	
3.445	694216	17797	0.026	0.7200	
3.567	5778207	154711	0.027	5.9935	6 Aroclor 1242
3.752	2937517	64302	0.022	3.0470	
3.885	1931558	44760	0.023	2.0035	6 Aroclor 1242
4.079	4542159	69292	0.015	4.7114	
4.403	3467610	62376	0.018	3.5968	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
4.567	1832806	49538	0.027	1.9011	6 Aroclor 1242
4.763	366402	10720	0.029	0.3800	
4.844	758250	27918	0.037	0.7865	
4.940	2959948	59996	0.020	3.0702	
4.990	2626774	66077	0.025	2.7246	
5.298	3125461	57384	0.018	3.2419	
5.744	168714	6242	0.037	0.1750	
5.910	608416	15847	0.026	0.6310	
6.243	755732	15614	0.021	0.7839	
6.786	393362	9531	0.024	0.4080	
7.082	784578	9727	0.012	0.8138	\$ 34 Decachlorobiphenyl
7.398	2113073	34326	0.016	2.1918	
7.708	1673734	10850	0.006	1.7361	
7.952	1720500	14923	0.009	1.7846	
8.046	309613	10142	0.033	0.3211	
8.109	308946	7689	0.025	0.3204	
8.418	994517	7811	0.008	1.0315	
8.640	607787	7560	0.012	0.6304	
8.702	243490	5118	0.021	0.2525	
8.785	13420383	542822	0.040	13.9232	
8.939	130320	6445	0.049	0.1351	
9.023	102716	4122	0.040	0.1065	
9.354	585632	9038	0.015	0.6074	
9.473	1948204	45050	0.023	2.0208	
9.548	114022	5031	0.044	0.1182	
9.685	537204	13828	0.026	0.5572	
10.011	3145092	20268	0.006	3.2623	
=====	=====	=====	=====	=====	
	96406333	2545749		100.000	

Total unknown % area = 63.4

Data File: \\Target1.ctv\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640009.d\\D4640009.RAW
Injection Date: 14-AUG-2007 17:52
Instrument: hp5890-4.1
Client Sample ID: AR12421 0.05ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640010.d
Lab Smp Id: AR12422 0.1ng Client Smp ID: AR12422 0.1ng
Inj Date : 14-AUG-2007 18:10
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12422 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:04 Cal File: D4640020.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds					AMOUNTS	
	RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.837	1.836	0.001	15762969	0.01000	0.0106 (M)
6 Aroclor 1242	2.448	2.448	0.000	3659465	0.10000	0.124 (M)
\$ 34 Decachlorobiphenyl	8.785	8.782	0.003	26526563	0.02000	0.0219 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640010.d
Lab Smp Id: AR12422 0.1ng Client Smp ID: AR12422 0.1ng
Inj Date : 14-AUG-2007 18:10
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12422 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:04 Cal File: D4640020.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

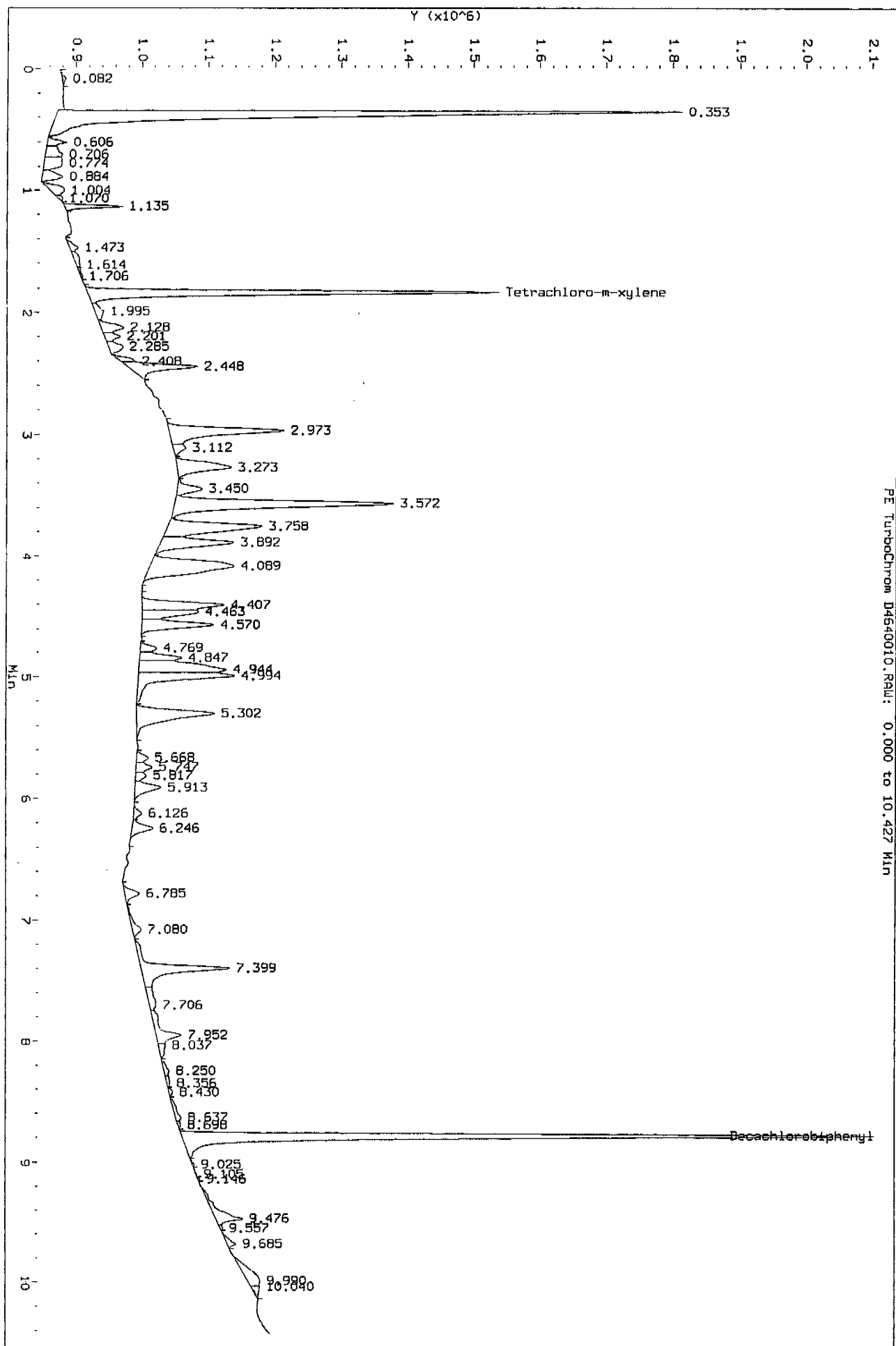
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	159610	5600	0.035	0.0837	
0.353	29487728	942677	0.032	15.4783	
0.606	683328	29735	0.044	0.3586	
0.706	1139237	25819	0.023	0.5978	
0.774	1536505	27431	0.018	0.8063	
0.884	1170860	31380	0.027	0.6144	
1.004	1095734	20949	0.019	0.5750	
1.070	164513	6002	0.036	0.0863	
1.135	1399043	88263	0.063	0.7342	
1.473	442151	13211	0.030	0.2320	
1.614	518906	5253	0.010	0.2723	
1.706	139159	2736	0.020	0.0730	
1.838	15762969	620830	0.039	8.2724	\$ 1 Tetrachloro-m-xylen
1.995	749925	13473	0.018	0.3935	
2.128	1307041	34001	0.026	0.6859	
2.201	746350	23833	0.032	0.3916	
2.285	913131	21781	0.024	0.4792	
2.408	552876	22521	0.041	0.2901	
2.448	3659465	105403	0.029	1.9204	6 Aroclor 1242
2.808	0	0	---	0.0000	
2.973	6955529	172603	0.025	3.6502	6 Aroclor 1242
3.112	717738	18756	0.026	0.3766	
3.273	3912913	81251	0.021	2.0535	
3.450	1462784	37426	0.026	0.7676	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.572	12837547	329366	0.026	6.7371	6 Aroclor 1242
3.758	6927162	141124	0.020	3.6353	
3.892	4548505	109853	0.024	2.3870	6 Aroclor 1242
4.089	8561846	126162	0.015	4.4932	
4.407	4541767	123192	0.027	2.3835	
4.463	2845306	84667	0.030	1.4932	
4.570	4080595	108320	0.027	2.1415	6 Aroclor 1242
4.769	800871	24986	0.031	0.4202	
4.847	1964506	63684	0.032	1.0309	
4.944	6033635	132086	0.022	3.1664	
4.994	5984469	144972	0.024	3.1406	
5.302	6225244	117895	0.019	3.2670	
5.668	665873	17652	0.027	0.3494	
5.747	878726	24597	0.028	0.4611	
5.817	561444	16424	0.029	0.2946	
5.913	1721147	39455	0.023	0.9032	
6.126	483964	12459	0.026	0.2539	
6.246	1326918	32032	0.024	0.6963	
6.785	922669	22182	0.024	0.4842	
7.080	811798	13383	0.016	0.4260	
7.399	6149203	133429	0.022	3.2271	
7.706	1076774	9734	0.009	0.5650	
7.952	2274792	37702	0.017	1.1938	
8.037	523412	10752	0.021	0.2746	
8.250	384689	7620	0.020	0.2018	
8.356	261005	4557	0.017	0.1369	
8.430	185371	5929	0.032	0.0972	
8.637	542131	8174	0.015	0.2845	
8.698	199313	3816	0.019	0.1045	
8.786	26526563	1043967	0.039	13.9211	\$ 34 Decachlorobiphenyl
9.025	87567	3447	0.039	0.0459	
9.105	50727	1937	0.038	0.0266	
9.146	40069	2752	0.069	0.0210	
9.476	2126346	40388	0.019	1.1159	
9.557	88203	3358	0.038	0.0462	
9.685	456574	13114	0.029	0.2396	
9.990	1772241	18258	0.010	0.9300	
10.040	401753	12133	0.030	0.2108	
=====	=====	=====	=====	=====	
	190548218	5396492		100.000	

Total unknown % area = 61.0

Data File: \\Target1.ct\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640010.d\\D4640010.RAW
Injection Date: 14-AUG-2007 18:10
Instrument: hp5890-4.1
Client Sample ID: AR12422 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640011.d
Lab Smp Id: AR12423 0.2ng Client Smp ID: AR12423 0.2ng
Inj Date : 14-AUG-2007 18:27
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12423 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.835	1.836	-0.001	36912742	0.02500	0.0250
6 Aroclor 1242	2.444	2.447	-0.003	5943389	0.20000	0.202 (M)
\$ 34 Decachlorobiphenyl	8.785	8.782	0.003	62049096	0.05000	0.0513 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640011.d
Lab Smp Id: AR12423 0.2ng Client Smp ID: AR12423 0.2ng
Inj Date : 14-AUG-2007 18:27
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12423 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

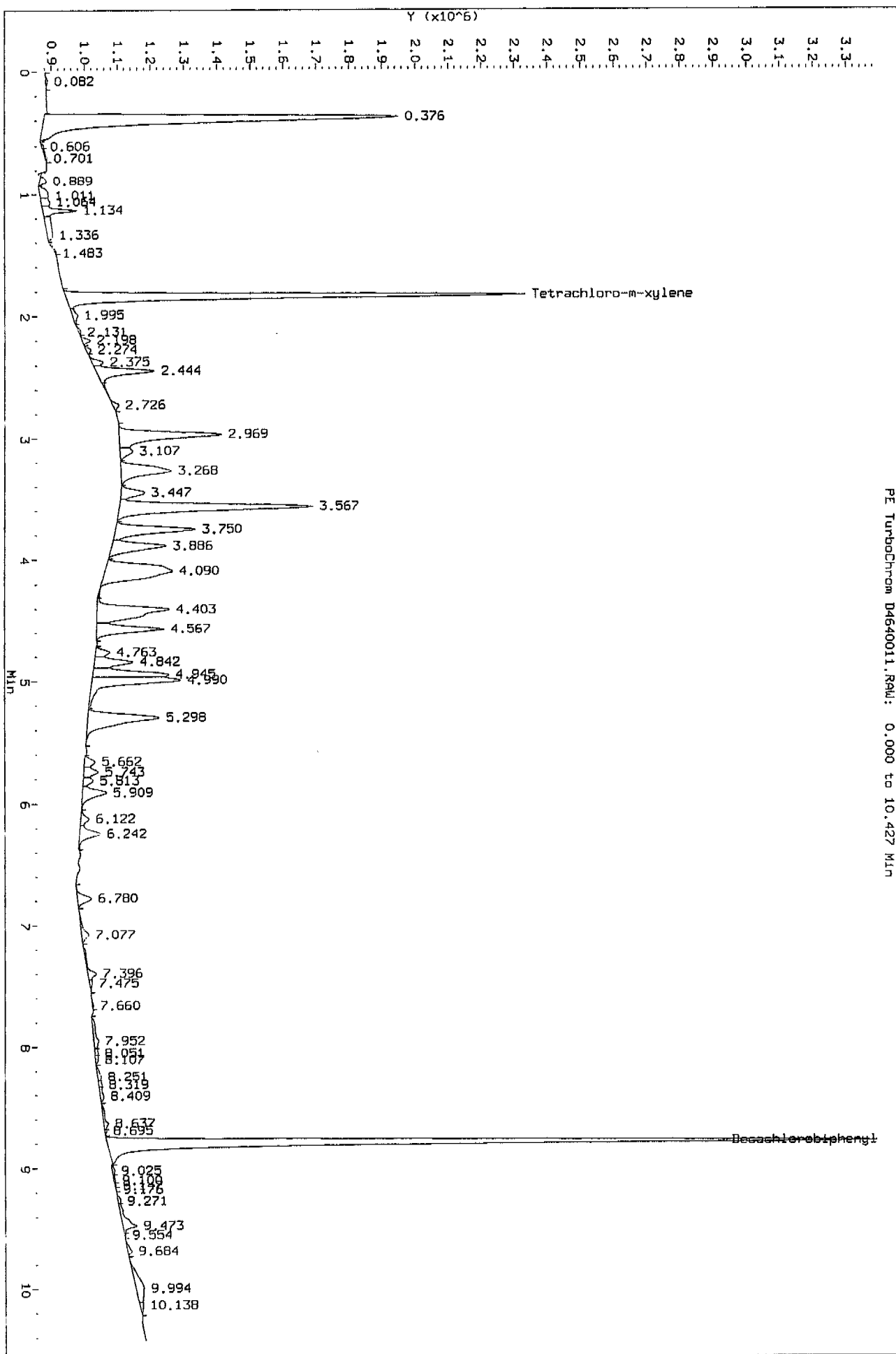
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	169724	5364	0.032	0.0531	
0.376	44137867	1071537	0.024	13.8097	
0.606	148538	6234	0.042	0.0464	
0.701	270258	5743	0.021	0.0845	
0.889	600823	21415	0.036	0.1879	
1.011	1214525	24784	0.020	0.3799	
1.064	978911	26523	0.027	0.3062	
1.134	2381304	103172	0.043	0.7450	
1.336	2004591	16413	0.008	0.6271	
1.483	193669	2270	0.012	0.0605	
1.836	36912742	1392297	0.038	11.5491	\$ 1 Tetrachloro-m-xylen
1.995	765468	16167	0.021	0.2394	
2.131	228366	5881	0.026	0.0714	
2.198	543759	24932	0.046	0.1701	
2.274	344559	15067	0.044	0.1078	
2.375	898750	34322	0.038	0.2811	
2.444	5943389	176162	0.030	1.8595	6 Aroclor 1242
2.726	820535	18497	0.023	0.2567	
2.969	12485586	308230	0.025	3.9064	6 Aroclor 1242
3.107	1572053	38725	0.025	0.4918	
3.268	7609628	151402	0.020	2.3808	
3.447	2750066	70760	0.026	0.8604	
3.567	22005832	583621	0.027	6.8851	6 Aroclor 1242
3.750	9193910	240688	0.026	2.8765	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.886	6683404	163876	0.025	2.0910	6 Aroclor 1242
4.090	15035542	203066	0.014	4.7042	
4.403	12216646	217898	0.018	3.8223	
4.567	7715615	203008	0.026	2.4140	6 Aroclor 1242
4.763	1351675	42489	0.031	0.4229	
4.842	4185591	117521	0.028	1.3095	
4.945	7080247	229077	0.032	2.2152	
4.990	10781642	266597	0.025	3.3733	
5.298	11285193	215989	0.019	3.5308	
5.662	1191885	32244	0.027	0.3729	
5.743	1553809	43665	0.028	0.4861	
5.813	971851	30145	0.031	0.3040	
5.909	3206094	73329	0.023	1.0031	
6.122	1036014	25576	0.025	0.3241	
6.242	2769284	63000	0.023	0.8664	
6.780	1691240	42287	0.025	0.5291	
7.077	1257134	21784	0.017	0.3933	
7.396	1277958	25798	0.020	0.3998	
7.475	326958	9003	0.028	0.1022	
7.660	120730	4456	0.037	0.0377	
7.952	1327335	14814	0.011	0.4152	
8.051	307026	9427	0.031	0.0960	
8.107	305767	8088	0.026	0.0956	
8.251	532724	10644	0.020	0.1666	
8.319	297466	10021	0.034	0.0930	
8.409	607589	10680	0.018	0.1901	
8.637	878041	13813	0.016	0.2747	
8.695	155216	5909	0.038	0.0485	
8.785	62049096	2327332	0.038	19.4172	\$ 34 Decachlorobiphenyl
9.025	313130	8017	0.026	0.0979	
9.100	162276	5123	0.032	0.0507	
9.147	77541	3691	0.048	0.0242	
9.176	33443	2528	0.076	0.0104	
9.271	310010	8746	0.028	0.0969	
9.473	2312441	42281	0.018	0.7235	
9.554	79084	3403	0.043	0.0247	
9.684	491179	12642	0.026	0.1536	
9.994	3043151	24041	0.008	0.9521	
10.138	418276	9500	0.023	0.1308	
=====	=====	=====	=====	=====	
	319614154	8921714		100.000	

Total unknown % area = 51.9

Data File: \\Target1.ctv\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640011.d\\D4640011.RAW
Injection Date: 14-AUG-2007 18:27
Instrument: hp5890-4.1
Client Sample ID: AR12423 0.2mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640012.d
Lab Smp Id: AR12424 0.4ng Client Smp ID: AR12424 0.4ng
Inj Date : 14-AUG-2007 18:45
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12424 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.836	1.836	0.000	74013873	0.05000	0.0500
6 Aroclor 1242	2.445	2.446	-0.001	11587182	0.40000	0.394 (M)
\$ 34 Decachlorobiphenyl	8.783	8.782	0.001	117158439	0.10000	0.0969 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640012.d
Lab Smp Id: AR12424 0.4ng Client Smp ID: AR12424 0.4ng
Inj Date : 14-AUG-2007 18:45 Inst ID: hp5890-4.i
Operator : turbo1
Smp Info : AR12424 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000 Compound Sublist: ar1242.sub
Integrator: HP Genie
Target Version: 4.14

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

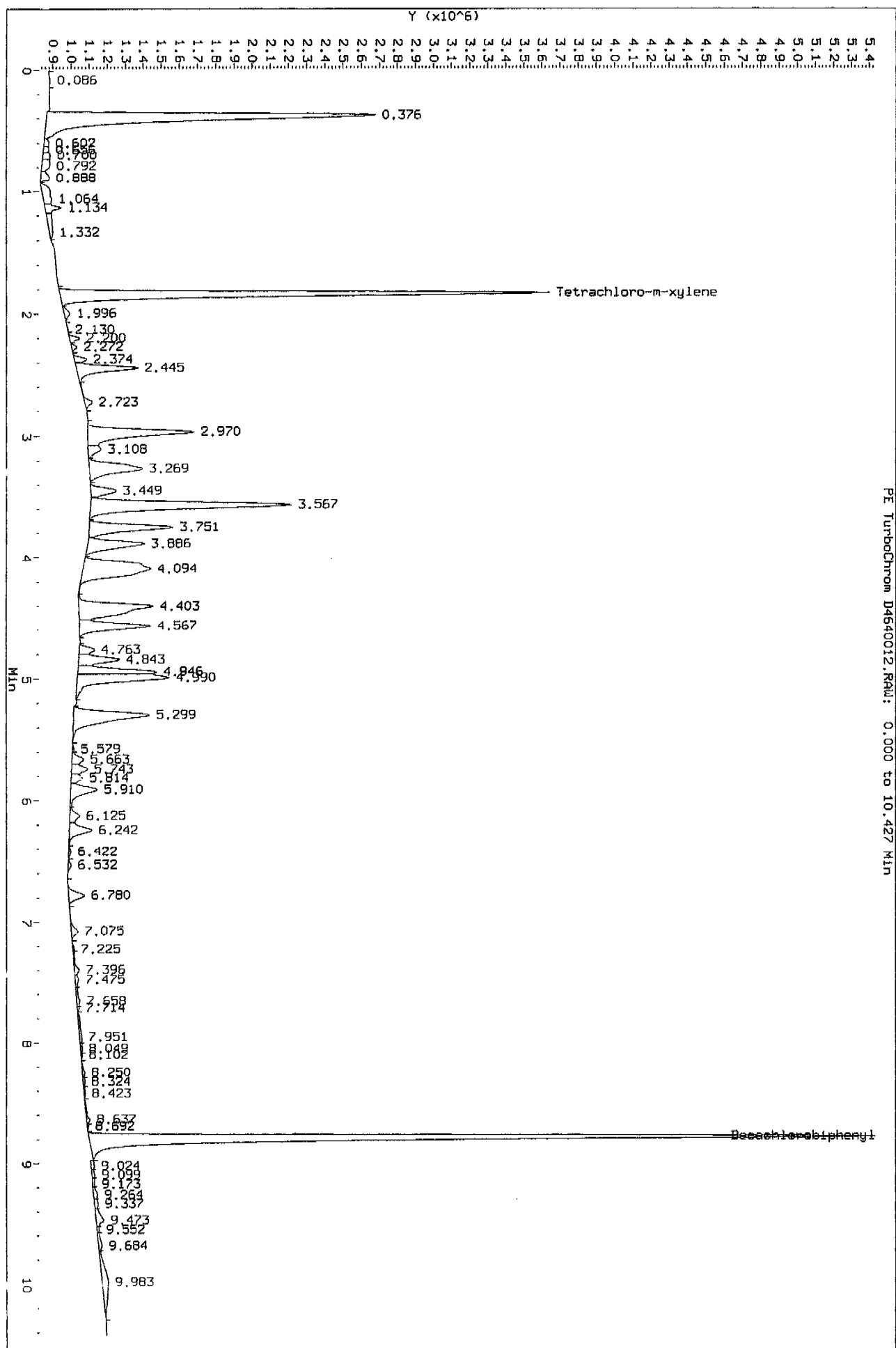
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.086	163074	5603	0.034	0.0269	
0.376	75084118	1813193	0.024	12.4230	
0.602	949385	26599	0.028	0.1570	
0.656	805058	30311	0.038	0.1332	
0.700	1243420	39899	0.032	0.2057	
0.792	2264840	42673	0.019	0.3747	
0.888	1932538	46533	0.024	0.3197	
1.064	3976483	47008	0.012	0.6579	
1.134	2426165	89666	0.037	0.4014	
1.332	2605096	18232	0.007	0.4310	
1.837	74013873	2702537	0.037	12.2459	\$ 1 Tetrachloro-m-xylen
1.996	1280030	31744	0.025	0.2117	
2.130	126709	3917	0.031	0.0209	
2.200	1308363	56622	0.043	0.2164	
2.272	709329	30438	0.043	0.1173	
2.374	1670402	67893	0.041	0.2763	
2.445	11587182	342790	0.030	1.9171	6 Aroclor 1242
2.723	1476116	41087	0.028	0.2442	
2.970	24211809	588587	0.024	4.0059	6 Aroclor 1242
3.108	2872456	71935	0.025	0.4752	
3.269	14949686	296155	0.020	2.4735	
3.449	5320828	139728	0.026	0.8803	
3.567	42617940	1108778	0.026	7.0513	6 Aroclor 1242
3.751	17325412	465253	0.027	2.8665	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.886	12815299	315042	0.025	2.1203	6 Aroclor 1242
4.094	28357053	378049	0.013	4.6918	
4.403	23015245	414423	0.018	3.8079	
4.567	14973810	396553	0.026	2.4774	6 Aroclor 1242
4.763	2653835	84859	0.032	0.4390	
4.843	7977994	225964	0.028	1.3199	
4.946	12573338	438397	0.035	2.0803	
4.990	20615130	509931	0.025	3.4108	
5.299	22192554	421804	0.019	3.6718	
5.579	266862	9916	0.037	0.0441	
5.663	2433853	64388	0.026	0.4026	
5.743	3186743	87785	0.028	0.5272	
5.814	2041084	61408	0.030	0.3377	
5.910	6580802	146745	0.022	1.0888	
6.125	2311371	52656	0.023	0.3824	
6.242	5442343	123811	0.023	0.9004	
6.422	521888	12838	0.025	0.0863	
6.532	646319	16115	0.025	0.1069	
6.780	3446185	85839	0.025	0.5701	
7.075	1614377	35982	0.022	0.2671	
7.225	298770	8673	0.029	0.0494	
7.396	1375587	26714	0.019	0.2275	
7.475	849378	19235	0.023	0.1405	
7.658	1069002	17369	0.016	0.1768	
7.714	225651	10010	0.044	0.0373	
7.951	1420349	13375	0.009	0.2350	
8.049	507399	11625	0.023	0.0839	
8.102	223060	8316	0.037	0.0369	
8.250	638951	14093	0.022	0.1057	
8.324	409461	10639	0.026	0.0677	
8.423	381241	7962	0.021	0.0630	
8.637	942660	19732	0.021	0.1559	
8.692	190940	7794	0.041	0.0315	
8.783	117158439	4335051	0.037	19.3881	\$ 34 Decachlorobiphenyl
9.024	783784	19260	0.025	0.1296	
9.099	617593	16542	0.027	0.1021	
9.173	485564	11401	0.023	0.0803	
9.264	999592	20829	0.021	0.1653	
9.337	804392	20511	0.025	0.1330	
9.473	2312019	42946	0.019	0.3825	
9.552	354547	11891	0.034	0.0586	
9.684	1192843	19802	0.017	0.1973	
9.983	6565925	34048	0.005	1.0863	
=====	=====	=====	=====	=====	
	604393546	16697504		100.000	

Total unknown % area = 50.8

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640012.d\\D4640012.RAW
Injection Date: 14-AUG-2007 18:45
Instrument: hp5890-4.1
Client Sample ID: AR12424 0.4mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640013.d
Lab Smp Id: AR12425 0.8ng Client Smp ID: AR12425 0.8ng
Inj Date : 14-AUG-2007 19:02 Inst ID: hp5890-4.i
Operator : turbol
Smp Info : AR12425 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.834	1.836	-0.002	137870119	0.10000	0.0932
6 Aroclor 1242	2.443	2.445	-0.002	21488614	0.80000	0.730 (M)
\$ 34 Decachlorobiphenyl	8.773	8.782	-0.009	192362166	0.20000	0.159 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640013.d
Lab Smp Id: AR12425 0.8ng Client Smp ID: AR12425 0.8ng
Inj Date : 14-AUG-2007 19:02
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12425 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:40 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

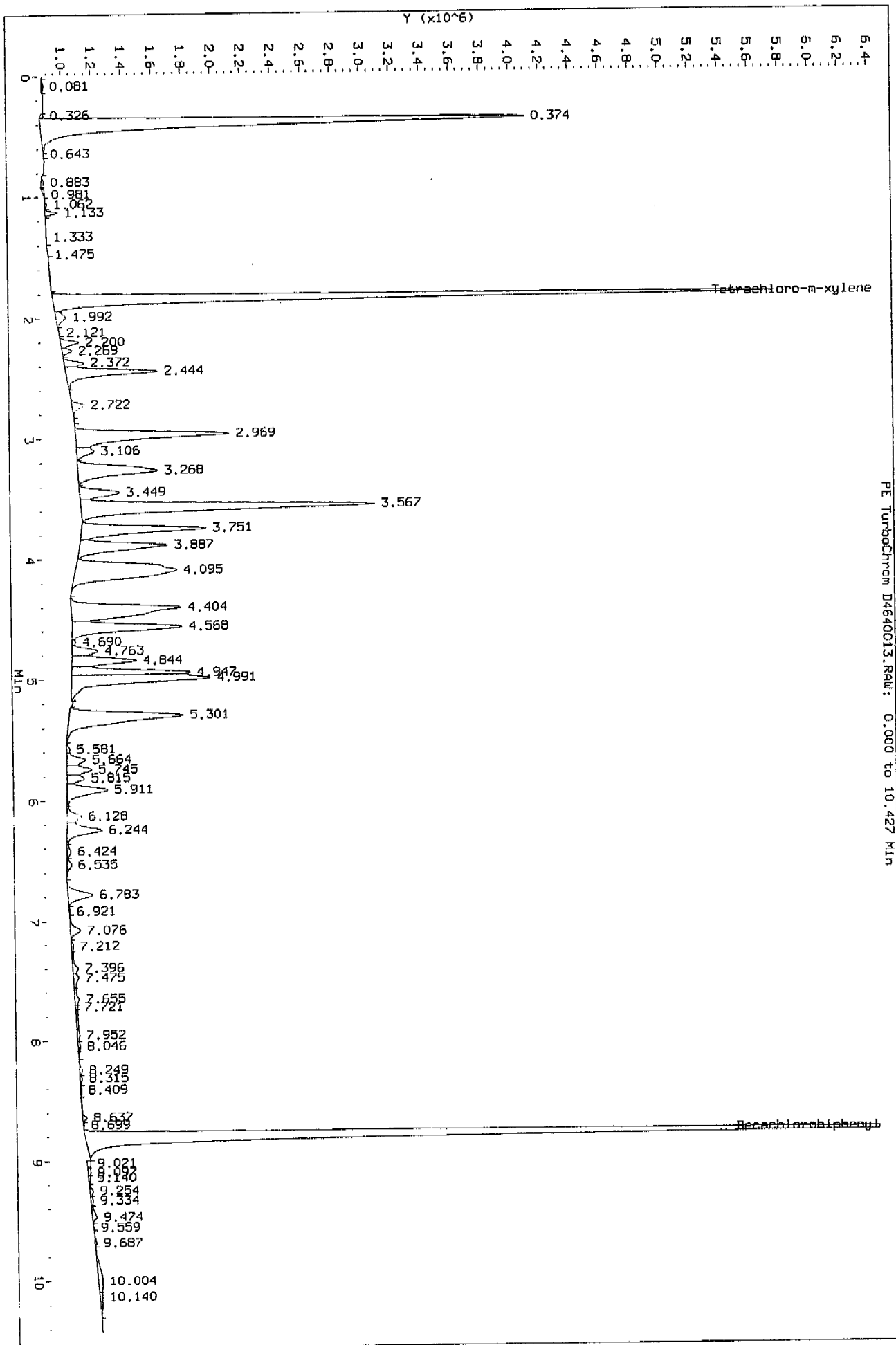
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	607122	12358	0.020	0.0578	
0.326	317143	21090	0.066	0.0302	
0.374	132786871	3252267	0.024	12.6555	
0.643	58869	3518	0.060	0.0056	
0.883	556946	17631	0.032	0.0530	
0.981	487073	8785	0.018	0.0464	
1.062	287187	15087	0.053	0.0273	
1.133	1410409	85644	0.061	0.1344	
1.333	312321	3663	0.012	0.0297	
1.475	48138	1637	0.034	0.0045	
1.835	137870120	4838055	0.035	13.1400	\$ 1 Tetrachloro-m-xylen
1.992	2883541	65249	0.023	0.2748	
2.121	252630	7368	0.029	0.0240	
2.200	3130087	121409	0.039	0.2983	
2.269	1658983	64658	0.039	0.1581	
2.372	3269656	130219	0.040	0.3116	
2.444	21488615	616143	0.029	2.0480	6 Aroclor 1242
2.722	3113146	83615	0.027	0.2967	
2.969	42396433	1031240	0.024	4.0406	6 Aroclor 1242
3.106	4439728	116357	0.026	0.4231	
3.268	27248593	533665	0.020	2.5969	
3.449	10538097	267749	0.025	1.0043	
3.567	77538762	1972374	0.025	7.3899	6 Aroclor 1242
3.751	31823170	834221	0.026	3.0329	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.887	24606045	588464	0.024	2.3451	6 Aroclor 1242
4.095	52411742	683737	0.013	4.9952	
4.404	42255994	739703	0.018	4.0272	
4.568	28945570	736881	0.025	2.7587	6 Aroclor 1242
4.690	543924	22804	0.042	0.0518	
4.763	5737803	172438	0.030	0.5468	
4.844	15595079	432972	0.028	1.4863	
4.947	22299743	797307	0.036	2.1253	
4.991	38949586	931271	0.024	3.7121	
5.301	41048989	766022	0.019	3.9122	
5.581	706255	22222	0.031	0.0673	
5.664	4842772	125123	0.026	0.4615	
5.745	6063925	167688	0.028	0.5779	
5.815	3868788	115451	0.030	0.3687	
5.911	12114257	271677	0.022	1.1545	
6.128	4268976	97220	0.023	0.4068	
6.244	10535964	237094	0.023	1.0041	
6.424	1197322	26543	0.022	0.1141	
6.535	1332272	31992	0.024	0.1269	
6.783	7405008	170044	0.023	0.7057	
6.921	318304	9030	0.028	0.0303	
7.076	3211769	68761	0.021	0.3061	
7.212	656692	15060	0.023	0.0625	
7.396	1985981	38957	0.020	0.1892	
7.475	1764994	36587	0.021	0.1682	
7.655	1663809	31156	0.019	0.1585	
7.721	391390	15882	0.041	0.0373	
7.952	2260827	19103	0.008	0.2154	
8.046	983039	17173	0.017	0.0936	
8.249	836750	20585	0.025	0.0797	
8.315	532486	15916	0.030	0.0507	
8.409	422316	9316	0.022	0.0402	
8.637	1117271	29689	0.027	0.1064	
8.699	170907	6599	0.039	0.0162	
8.773	192362166	5335992	0.028	18.3368	\$ 34 Decachlorobiphenyl
9.021	780983	25267	0.032	0.0744	
9.097	747529	19969	0.027	0.0712	
9.140	398875	12564	0.031	0.0380	
9.254	944288	24045	0.025	0.0899	
9.334	592203	17993	0.030	0.0564	
9.474	1532509	31779	0.021	0.1460	
9.559	160493	4810	0.030	0.0152	
9.687	568917	11787	0.021	0.0542	
10.004	4127155	29247	0.007	0.3933	
10.140	1453921	18132	0.012	0.1385	
=====		=====		=====	
	1049239228	27106054		100.000	

Total unknown % area = 49.9

Data File: \\Target1.ctv\\files\\chem\\GC\\mp5890-4.1\\CD4640.b\\D4640013.d\\D4640013.Raw
Injection Date: 14-JUL-2007 19:02
Instrument: mp5890-4.1
Client Sample ID: AR12425 0.8mg



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640014.d
Lab Smp Id: AR12481 0.05ng Client Smp ID: AR12481 0.05ng
Inj Date : 14-AUG-2007 19:20
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12481 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.835	1.835	0.000	7565249	0.00500	0.00477 (M)
9 Aroclor 1248	3.563	3.564	-0.001	3966636	0.05000	0.0538 (M)
\$ 34 Decachlorobiphenyl	8.783	8.782	0.001	14327518	0.01000	0.0115 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640014.d
Lab Smp Id: AR12481 0.05ng Client Smp ID: AR12481 0.05ng
Inj Date : 14-AUG-2007 19:20
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12481 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

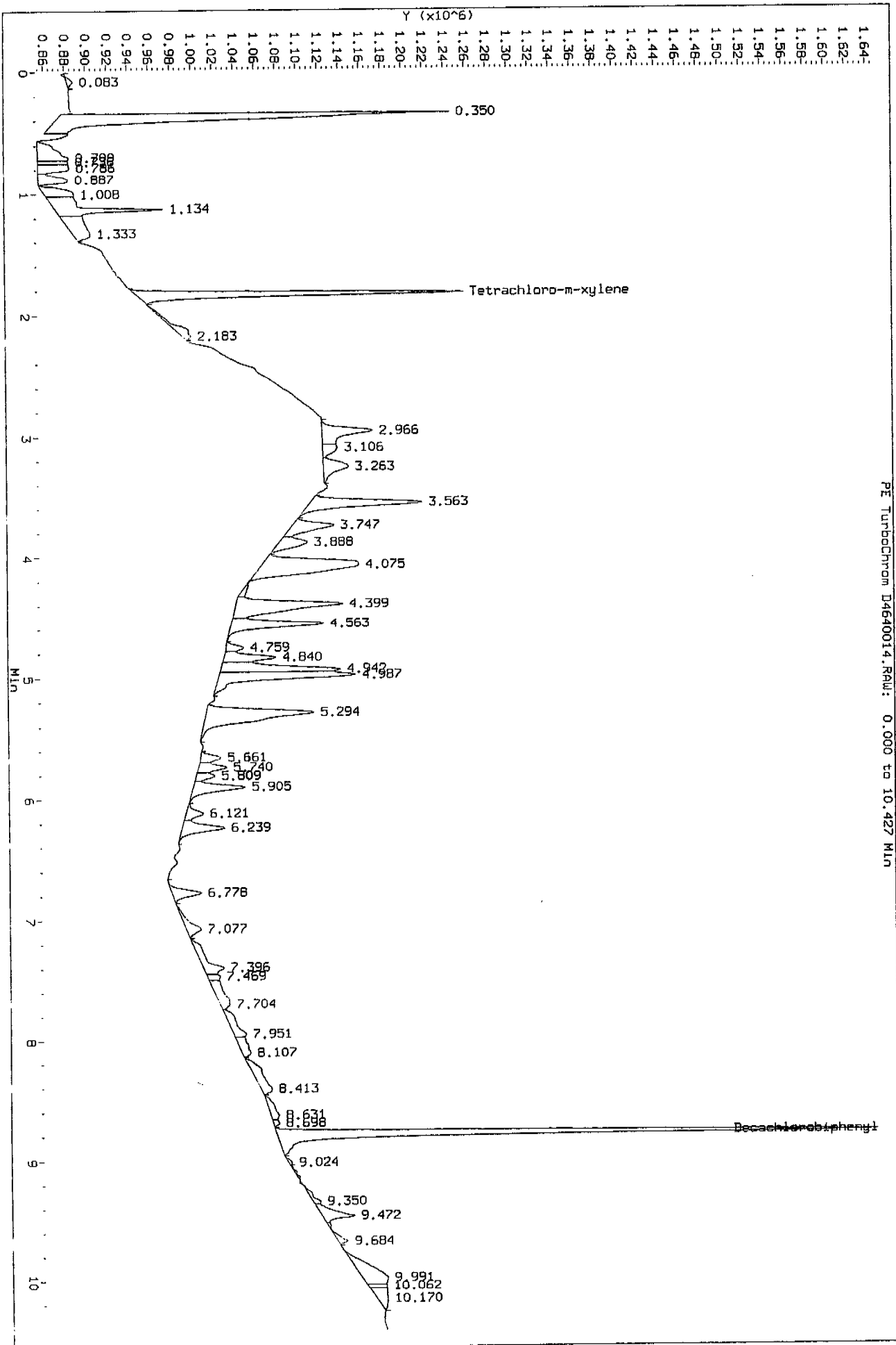
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.083	157582	5398	0.034	0.1404	
0.350	11978939	369788	0.031	10.6734	
0.700	1789895	29282	0.016	1.5948	
0.736	455114	28645	0.063	0.4055	
0.786	1189310	29596	0.025	1.0596	
0.887	1114303	28329	0.025	0.9928	
1.008	1187661	27219	0.023	1.0582	
1.134	3487091	102021	0.029	3.1070	
1.333	2082156	16350	0.008	1.8552	
1.835	7565250	310162	0.041	6.7407	\$ 1 Tetrachloro-m-xylen
2.183	896754	7665	0.009	0.7990	
2.966	2375646	48573	0.020	2.1167	
3.106	666521	14232	0.021	0.5938	
3.263	1398409	24014	0.017	1.2460	
3.563	3966636	106557	0.027	3.5343	9 Aroclor 1248
3.747	1883623	39345	0.021	1.6783	9 Aroclor 1248
3.888	1347806	26908	0.020	1.2009	
4.075	7061137	92722	0.013	6.2915	
4.399	5115747	101696	0.020	4.5582	9 Aroclor 1248
4.563	3294169	87498	0.027	2.9351	9 Aroclor 1248
4.759	518225	16630	0.032	0.4617	
4.840	1695112	49523	0.029	1.5103	9 Aroclor 1248
4.942	3706930	113931	0.031	3.3029	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
4.987	5054717	129847	0.026	4.5038	
5.294	5929987	102605	0.017	5.2837	
5.661	664985	19490	0.029	0.5925	
5.740	929538	26694	0.029	0.8282	
5.809	573814	17642	0.031	0.5112	
5.905	1948718	49642	0.025	1.7363	
6.121	684674	16489	0.024	0.6100	
6.239	1711092	40462	0.024	1.5246	
6.778	1106169	27728	0.025	0.9856	
7.077	906812	13847	0.015	0.8079	
7.396	1464834	19531	0.013	1.3051	
7.469	341001	12179	0.036	0.3038	
7.704	1291055	9215	0.007	1.1503	
7.951	1130020	12152	0.011	1.0068	
8.107	798696	8093	0.010	0.7116	
8.413	1499304	10606	0.007	1.3359	
8.631	681845	8008	0.012	0.6075	
8.698	168683	6008	0.036	0.1502	
8.783	14327518	570352	0.040	12.7680	\$ 34 Decachlorobiphenyl
9.024	86484	3479	0.040	0.0770	
9.350	413208	6989	0.017	0.3681	
9.472	1347579	30853	0.023	1.2007	
9.684	395126	9440	0.024	0.3520	
9.991	2460391	23943	0.010	2.1922	
10.062	346008	17583	0.051	0.3082	
10.170	1035433	10151	0.010	0.9225	
=====	=====	=====	=====	=====	
	112231704	2879112		100.000	

Total unknown % area = 66.3

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640014.d\\D4640014.RAW
Injection Date: 14-AUG-2007 19:20
Instrument: hp5890-4.1
Client Sample ID: AR12481 0.05ng



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640015.d
Lab Smp Id: AR12482 0.1ng Client Smp ID: AR12482 0.1ng
Inj Date : 14-AUG-2007 19:37
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12482 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

		AMOUNTS					
		RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
Compounds							
\$ 1	Tetrachloro-m-xylene	1.836	1.835	0.001	14677770	0.01000	0.00922 (M)
9	Aroclor 1248	3.565	3.564	0.001	7123095	0.10000	0.0966 (M)
\$ 34	Decachlorobiphenyl	8.783	8.781	0.002	29612469	0.02000	0.0236 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640015.d
Lab Smp Id: AR12482 0.1ng Client Smp ID: AR12482 0.1ng
Inj Date : 14-AUG-2007 19:37
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12482 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

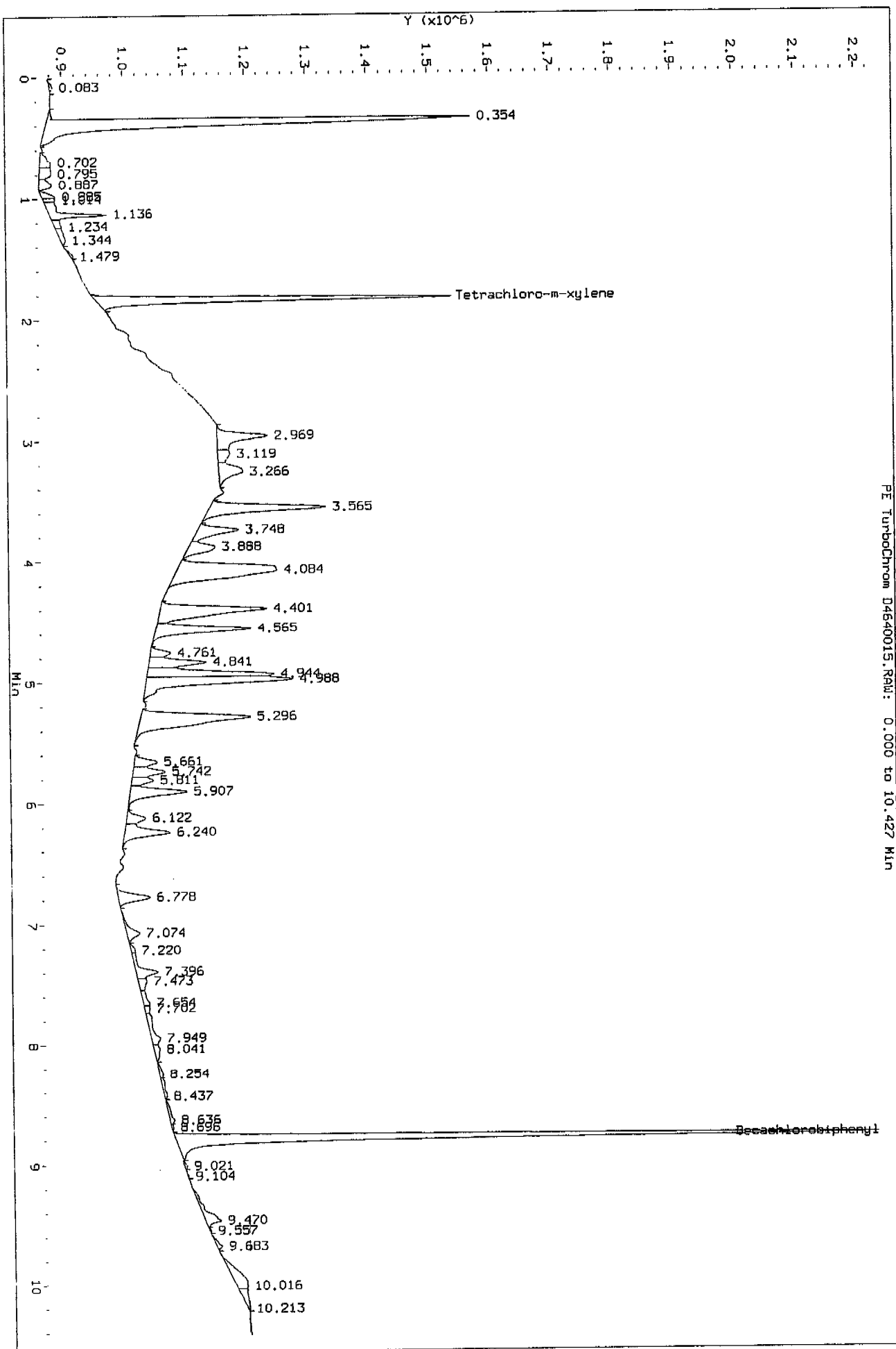
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.083	141636	5013	0.035	0.0777	
0.354	25659100	695953	0.027	14.0773	
0.702	861052	17985	0.021	0.4723	
0.795	989392	18949	0.019	0.5428	
0.887	856967	20559	0.024	0.4701	
0.985	575021	21386	0.037	0.3154	
1.014	322454	18783	0.058	0.1769	
1.136	2577511	92950	0.036	1.4140	
1.234	466663	10742	0.023	0.2560	
1.344	646501	7540	0.012	0.3546	
1.479	138114	3789	0.027	0.0757	
1.837	14677770	585705	0.040	8.0526	\$ 1 Tetrachloro-m-xylen
2.969	3923398	83066	0.021	2.1524	
3.119	1047599	19687	0.019	0.5747	
3.266	2427036	39645	0.016	1.3315	
3.565	7123095	190264	0.027	3.9079	9 Aroclor 1248
3.748	2875409	66909	0.023	1.5775	9 Aroclor 1248
3.888	2222313	43545	0.020	1.2192	
4.084	12141062	165823	0.014	6.6609	
4.230	0	0	---	0.0000	
4.401	8293903	175762	0.021	4.5502	9 Aroclor 1248
4.565	5804492	156220	0.027	3.1845	9 Aroclor 1248
4.680	0	0	---	0.0000	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
4.761	1084929	33541	0.031	0.5952	
4.841	3325033	94098	0.028	1.8242	9 Aroclor 1248
4.944	6510713	208822	0.032	3.5719	
4.988	9526547	241300	0.025	5.2265	
5.296	10392601	181660	0.017	5.7016	
5.661	1342342	38036	0.028	0.7364	
5.742	1936654	53474	0.028	1.0625	
5.811	1166715	35870	0.031	0.6400	
5.907	3794258	94177	0.025	2.0816	
6.122	1225080	31674	0.026	0.6721	
6.240	3284591	75553	0.023	1.8020	
6.778	2142240	53012	0.025	1.1752	
7.074	1111874	21257	0.019	0.6100	
7.220	253249	6740	0.027	0.1389	
7.396	1738539	36435	0.021	0.9538	
7.473	669943	14630	0.022	0.3675	
7.654	655080	11173	0.017	0.3593	
7.702	310197	8841	0.029	0.1701	
7.949	1347203	14900	0.011	0.7391	
8.041	565428	9804	0.017	0.3102	
8.254	321731	6161	0.019	0.1765	
8.437	476541	4374	0.009	0.2614	
8.636	495654	7712	0.016	0.2719	
8.696	14569	3341	0.229	0.0079	
8.783	29612469	1156638	0.039	16.2487	\$ 34 Decachlorobiphenyl
9.021	136704	4677	0.034	0.0749	
9.104	43250	1684	0.039	0.0237	
9.470	1603448	25172	0.016	0.8796	
9.557	51769	1851	0.036	0.0284	
9.683	310059	8535	0.028	0.1701	
10.016	2197585	18130	0.008	1.2056	
10.213	854966	1978	0.002	0.4690	
	182272445	4945525		100.000	

Total unknown % area = 60.6

Data File: \\target1.ctv\files\chem\GC\hps5890-4.1\CD4640.b\D4640015.d\D4640015.RAW
Injection Date: 14-AUG-2007 19:37
Instrument: hps5890-4.1
Client Sample ID: AR12482 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640016.d
Lab Smp Id: AR12483 0.2ng Client Smp ID: AR12483 0.2ng
Inj Date : 14-AUG-2007 19:55
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12483 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.834	1.835	-0.001	38572679	0.02500	0.0245
9 Aroclor 1248	3.565	3.564	0.001	14909896	0.20000	0.202 (M)
\$ 34 Decachlorobiphenyl	8.783	8.781	0.002	61670767	0.05000	0.0481 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640016.d
Lab Smp Id: AR12483 0.2ng Client Smp ID: AR12483 0.2ng
Inj Date : 14-AUG-2007 19:55
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12483 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

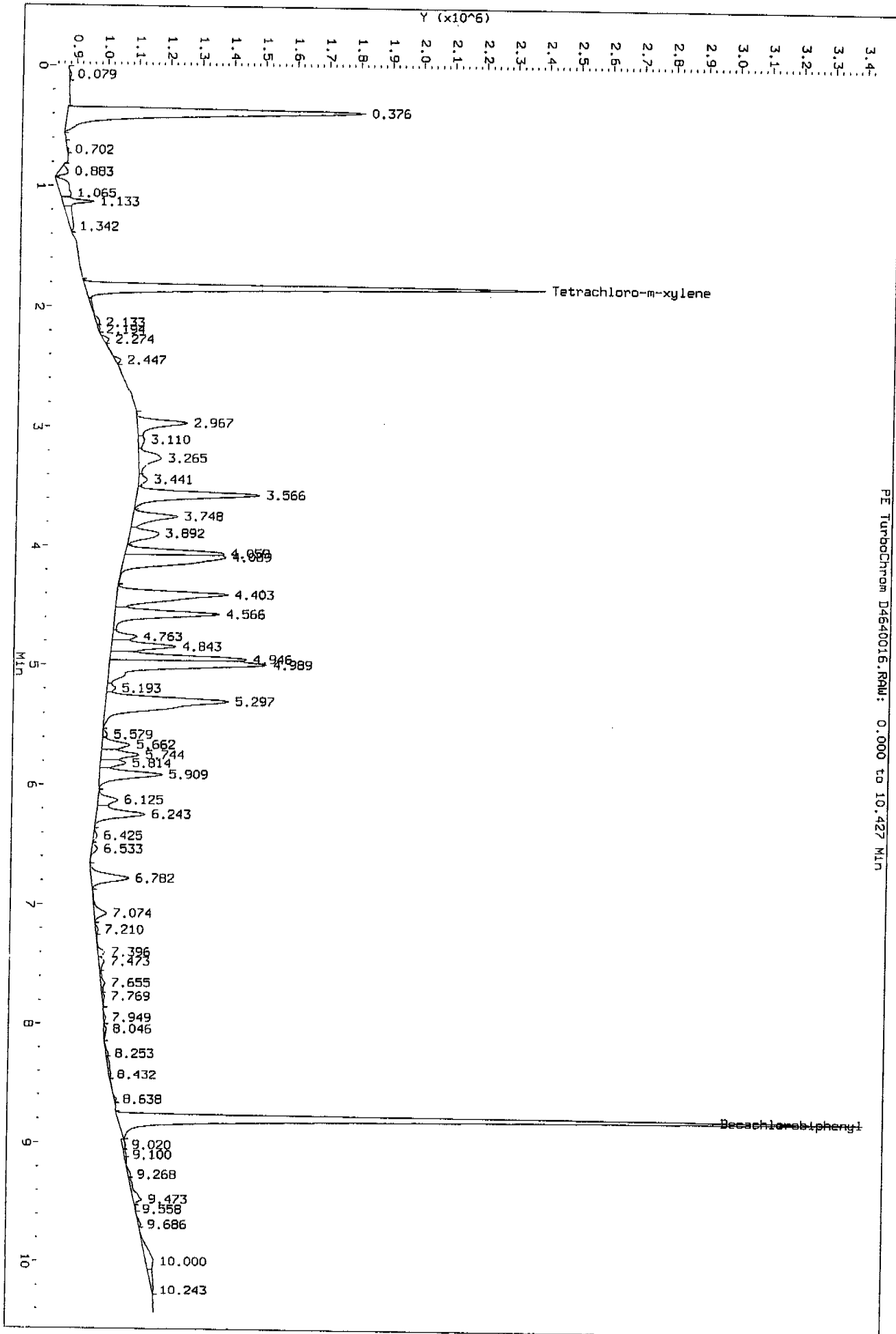
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.079	143939	4822	0.034	0.0401	
0.376	38792391	944273	0.024	10.8141	
0.702	81473	4223	0.052	0.0227	
0.883	1064900	28931	0.027	0.2968	
1.065	3099830	35099	0.011	0.8641	
1.133	2432662	100939	0.041	0.6781	
1.342	1909689	11459	0.006	0.5323	
1.835	38572680	1457914	0.038	10.7528	\$ 1 Tetrachloro-m-xylen
2.133	703962	9761	0.014	0.1962	
2.194	188971	5427	0.029	0.0526	
2.274	527579	18981	0.036	0.1470	
2.447	581354	17951	0.031	0.1620	
2.967	6356066	158449	0.025	1.7718	
3.110	972718	19955	0.021	0.2711	
3.265	4379717	71200	0.016	1.2209	
3.441	1093682	27040	0.025	0.3048	
3.566	14909896	388820	0.026	4.1564	9 Aroclor 1248
3.748	5942510	141989	0.024	1.6565	9 Aroclor 1248
3.892	4763112	93419	0.020	1.3278	
4.059	8218292	312236	0.038	2.2910	
4.089	16699912	321002	0.019	4.6554	
4.403	17032200	352244	0.021	4.7480	9 Aroclor 1248
4.566	12841600	330843	0.026	3.5798	9 Aroclor 1248

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
4.763	2647572	77671	0.029	0.7380	
4.843	7563528	204478	0.027	2.1084	
4.946	12494278	430792	0.034	3.4830	9 Aroclor 1248
4.989	21221528	496290	0.023	5.9159	
5.193	911613	26953	0.030	0.2541	
5.297	23219916	388258	0.017	6.4730	
5.579	425553	13833	0.033	0.1186	
5.662	3294415	88015	0.027	0.9183	
5.744	4285028	119434	0.028	1.1945	
5.814	2687669	80622	0.030	0.7492	
5.909	8161642	198301	0.024	2.2752	
6.125	2535094	62655	0.025	0.7067	
6.243	6508944	154584	0.024	1.8144	
6.425	437837	12007	0.027	0.1220	
6.533	731399	17992	0.025	0.2038	
6.782	5164578	119218	0.023	1.4397	
7.074	1766828	38784	0.022	0.4925	
7.210	277811	8340	0.030	0.0774	
7.396	898676	22032	0.025	0.2505	
7.473	771780	17472	0.023	0.2151	
7.655	754226	12206	0.016	0.2102	
7.769	297898	8336	0.028	0.0830	
7.949	269941	7034	0.026	0.0752	
8.046	381411	8462	0.022	0.1063	
8.253	297894	7610	0.026	0.0830	
8.432	644344	6121	0.009	0.1796	
8.638	249561	7325	0.029	0.0695	
8.783	61670767	2353988	0.038	17.1948	\$ 34 Decachlorobiphenyl
9.020	434750	10185	0.023	0.1211	
9.100	234230	6318	0.027	0.0652	
9.268	452306	8118	0.018	0.1260	
9.473	1575535	26975	0.017	0.4392	
9.558	91074	2355	0.026	0.0253	
9.686	288469	8528	0.030	0.0804	
10.000	2676868	22627	0.008	0.7462	
10.243	1085023	4181	0.004	0.3024	
	358719123	9935077		100.000	

Total unknown % area = 55.8

Data File: \\Target1-ct\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640016.d\\D4640016.RAW
Injection Date: 14-8-UG-2007 19:55
Instrument: hp5890-4.1
Client Sample ID: AR12483 0.2mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640017.d
Lab Smp Id: AR12484 0.4ng Client Smp ID: AR12484 0.4ng
Inj Date : 14-AUG-2007 20:12 Inst ID: hp5890-4.i
Operator : turbo1
Smp Info : AR12484 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000 Compound Sublist: ar1248.sub
Integrator: HP Genie
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.834	1.835	-0.001	77805091	0.05000	0.0491
9 Aroclor 1248	3.563	3.564	-0.001	29266925	0.40000	0.397 (M)
\$ 34 Decachlorobiphenyl	8.781	8.781	0.000	119954161	0.10000	0.0936 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640017.d
Lab Smp Id: AR12484 0.4ng Client Smp ID: AR12484 0.4ng
Inj Date : 14-AUG-2007 20:12
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12484 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

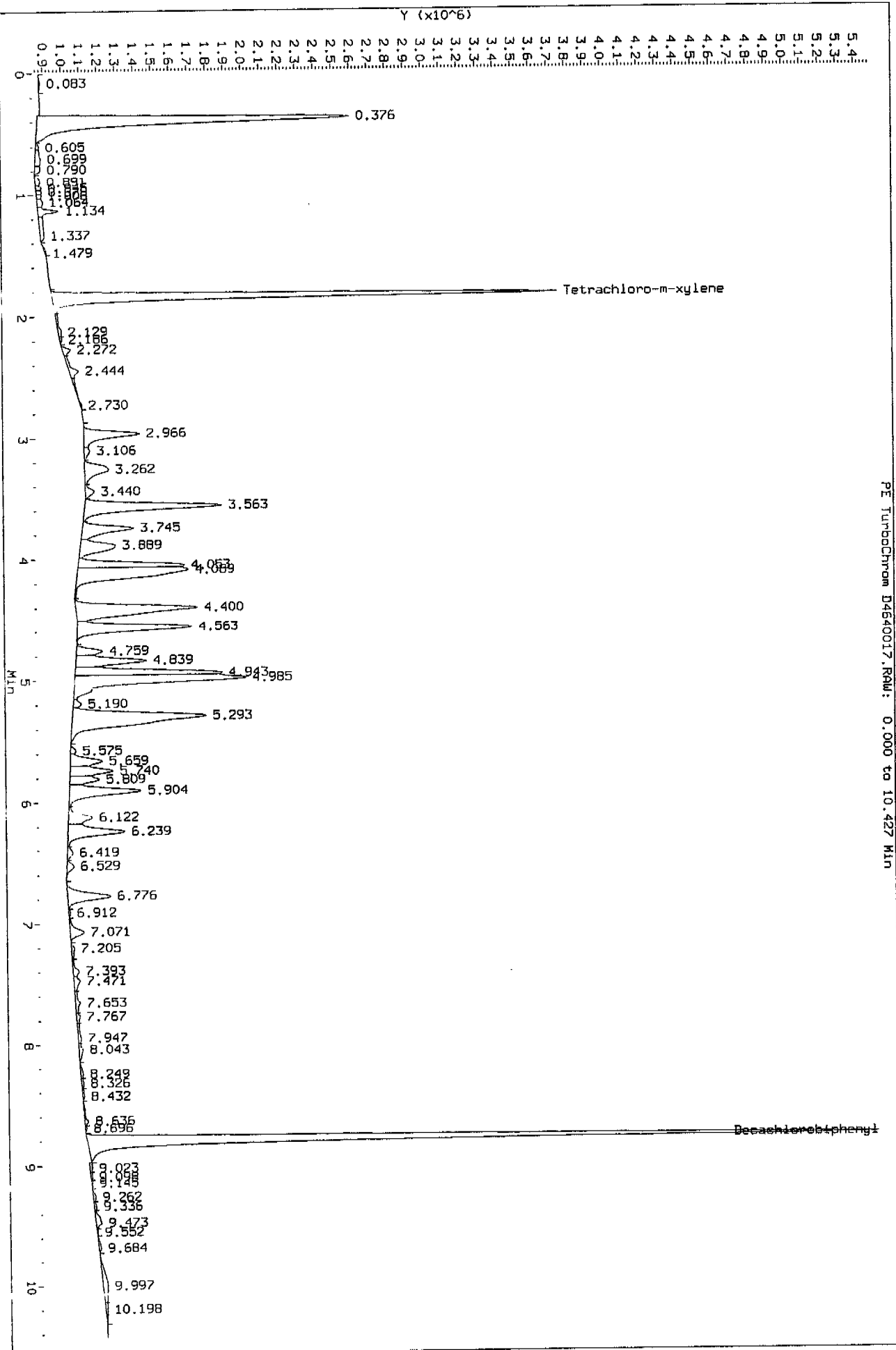
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.083	325233	7226	0.022	0.0467	
0.376	71312358	1734576	0.024	10.2454	
0.605	430062	16339	0.038	0.0617	
0.699	1925136	28693	0.015	0.2765	
0.790	1024772	29561	0.029	0.1472	
0.891	968816	25391	0.026	0.1391	
0.945	640948	29517	0.046	0.0920	
0.979	556462	27683	0.050	0.0799	
1.006	535101	25727	0.048	0.0768	
1.064	1077001	31341	0.029	0.1547	
1.134	2556790	115165	0.045	0.3673	
1.337	2396334	20132	0.008	0.3442	
1.479	283681	4954	0.017	0.0407	
1.835	77805091	2812898	0.036	11.1782	\$ 1 Tetrachloro-m-xylene
2.129	1270948	16658	0.013	0.1825	
2.186	319674	11890	0.037	0.0459	
2.272	1227932	43034	0.035	0.1764	
2.444	2457288	51719	0.021	0.3530	
2.730	989854	7549	0.008	0.1422	
2.966	12077173	311235	0.026	1.7351	
3.106	1378276	30972	0.022	0.1980	
3.262	7506884	132864	0.018	1.0785	
3.440	1891241	48535	0.026	0.2717	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.563	29266925	761584	0.026	4.2047	9 Aroclor 1248
3.745	11769952	285767	0.024	1.6909	9 Aroclor 1248
3.889	10307182	196223	0.019	1.4808	
4.053	16534901	590707	0.036	2.3755	
4.089	32775026	615817	0.019	4.7087	
4.400	32647754	676154	0.021	4.6905	9 Aroclor 1248
4.563	24187770	638220	0.026	3.4750	9 Aroclor 1248
4.759	4696645	145772	0.031	0.6747	
4.839	14321211	393984	0.028	2.0575	9 Aroclor 1248
4.943	22899439	817246	0.036	3.2899	
4.985	41345652	952627	0.023	5.9401	
5.190	1371602	45535	0.033	0.1970	
5.293	45447003	743900	0.016	6.5293	
5.575	935996	31182	0.033	0.1344	
5.659	6857339	178524	0.026	0.9851	
5.740	8704352	239009	0.027	1.2505	
5.809	5425485	163764	0.030	0.7794	
5.904	16605747	401097	0.024	2.3857	
6.122	5795078	133981	0.023	0.8325	
6.239	14021903	317082	0.023	2.0145	
6.419	1345868	31401	0.023	0.1933	
6.529	1573177	40121	0.026	0.2260	
6.776	10647603	241875	0.023	1.5297	
6.912	323645	9165	0.028	0.0464	
7.071	3482648	79577	0.023	0.5003	
7.205	887004	18254	0.021	0.1274	
7.393	1488562	34770	0.023	0.2138	
7.471	1714533	36626	0.021	0.2463	
7.653	1753703	27304	0.016	0.2519	
7.767	811511	21413	0.026	0.1165	
7.947	1354828	17735	0.013	0.1946	
8.043	1294251	23670	0.018	0.1859	
8.249	648210	14025	0.022	0.0931	
8.326	511763	11566	0.023	0.0735	
8.432	479154	10157	0.021	0.0688	
8.636	976563	20781	0.021	0.1403	
8.696	177318	8217	0.046	0.0254	
8.782	119954161	4399712	0.037	17.2374	\$ 34 Decachlorobiphenyl
9.023	622255	14318	0.023	0.0893	
9.098	363051	10294	0.028	0.0521	
9.145	237212	6939	0.029	0.0340	
9.262	613044	15557	0.025	0.0880	
9.336	474875	13629	0.029	0.0682	
9.473	1745153	33292	0.019	0.2507	
9.552	200600	5906	0.029	0.0288	
9.684	693757	13351	0.019	0.0996	
9.997	3967463	27206	0.007	0.5700	
10.198	823447	10578	0.013	0.1183	
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	696039373	19089273		100.000	

Total unknown % area = 55.5

Data File: \\Target1.ctv\\files\\chem\\GC\\np5890-4.1\\CD4640.b\\D4640017.d\\D4640017.RAW
Injection Date: 14-AUG-2007 20:12
Instrument: np5890-4.1
Client Sample ID: AR12464 0.4mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640018.d
Lab Smp Id: AR12485 0.8ng Client Smp ID: AR12485 0.8ng
Inj Date : 14-AUG-2007 20:29
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12485 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.836	1.835	0.001	148151216	0.10000	0.0928
9 Aroclor 1248	3.565	3.564	0.001	56194201	0.80000	0.762 (M)
\$ 34 Decachlorobiphenyl	8.776	8.781	-0.005	197812745	0.20000	0.154 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640018.d
Lab Smp Id: AR12485 0.8ng Client Smp ID: AR12485 0.8ng
Inj Date : 14-AUG-2007 20:29
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12485 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

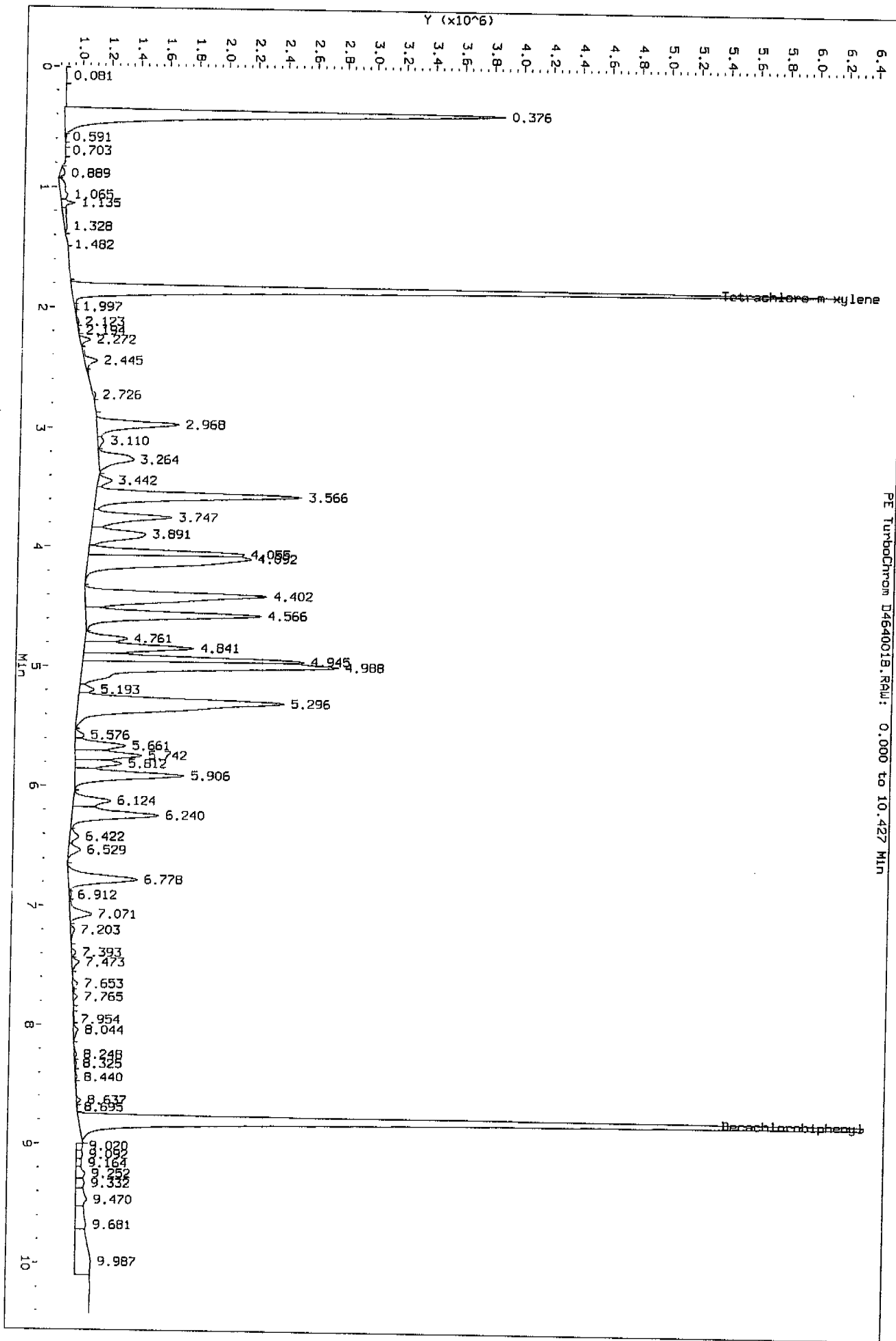
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	161638	5482	0.034	0.0127	
0.376	121030683	2999925	0.025	9.5343	
0.591	276790	9145	0.033	0.0218	
0.703	92771	4918	0.053	0.0073	
0.889	1169766	34058	0.029	0.0921	
1.065	3859624	50195	0.013	0.3040	
1.135	2284943	92555	0.041	0.1799	
1.328	2331265	16844	0.007	0.1836	
1.482	178251	2938	0.016	0.0140	
1.836	148151216	5227651	0.035	11.6708	\$ 1 Tetrachloro-m-xylen
1.997	379586	13158	0.035	0.0299	
2.123	699044	14012	0.020	0.0550	
2.194	296096	11373	0.038	0.0233	
2.272	1812718	70528	0.039	0.1427	
2.445	3305589	88339	0.027	0.2604	
2.726	1014852	19323	0.019	0.0799	
2.968	21792167	569017	0.026	1.7167	
3.110	1668580	41580	0.025	0.1314	
3.264	12883769	240432	0.019	1.0149	
3.442	3536213	93716	0.027	0.2785	
3.566	56194201	1400114	0.025	4.4267	9 Aroclor 1248
3.747	22739690	541772	0.024	1.7913	9 Aroclor 1248
3.891	20168817	374848	0.019	1.5888	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
4.055	29869701	1062283	0.036	2.3530	
4.092	60861226	1111358	0.018	4.7944	
4.402	61188299	1236492	0.020	4.8201	9 Aroclor 1248
4.566	47337951	1193851	0.025	3.7291	9 Aroclor 1248
4.761	9284404	285023	0.031	0.7313	
4.841	27701169	749343	0.027	2.1821	9 Aroclor 1248
4.945	42034610	1501914	0.036	3.3113	
4.988	78727615	1739778	0.022	6.2018	
5.193	3083130	98200	0.032	0.2428	
5.296	86732809	1400605	0.016	6.8325	
5.576	1855085	60607	0.033	0.1461	
5.661	13304812	342139	0.026	1.0481	
5.742	17160455	455690	0.027	1.3518	
5.812	10667361	316444	0.030	0.8403	
5.906	31099021	744740	0.024	2.4498	
6.124	10375340	252625	0.024	0.8173	
6.240	26668824	594842	0.022	2.1008	
6.422	2553724	60096	0.024	0.2011	
6.529	3301033	79818	0.024	0.2600	
6.778	21484915	471402	0.022	1.6925	
6.912	519490	15173	0.029	0.0409	
7.071	6197985	146892	0.024	0.4882	
7.203	1172934	27648	0.024	0.0923	
7.393	948181	30346	0.032	0.0746	
7.473	1857753	50541	0.027	0.1463	
7.653	1101840	33606	0.030	0.0867	
7.765	887941	28654	0.032	0.0699	
7.954	263721	7214	0.027	0.0207	
8.044	1263922	30851	0.024	0.0995	
8.248	623505	15795	0.025	0.0491	
8.325	429631	11219	0.026	0.0338	
8.440	418438	11846	0.028	0.0329	
8.637	888376	29826	0.034	0.0699	
8.695	187325	6794	0.036	0.0147	
8.777	197812745	5328152	0.027	15.5862	\$ 34 Decachlorobiphenyl
9.020	1387630	43272	0.031	0.1093	
9.092	1651088	41989	0.025	0.1300	
9.164	1375720	36801	0.027	0.1083	
9.252	3076101	60687	0.020	0.2423	
9.332	2523736	58246	0.023	0.1988	
9.470	5507530	75925	0.014	0.4338	
9.681	7256418	72191	0.010	0.5716	
9.987	20743423	107120	0.005	1.6340	
=====	=====	=====	=====	=====	
	1269415178	31949961		100.000	

Total unknown % area = 55.8

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640018.d\\D4640018.RAW
 Injection Date: 14-AUG-2007 20:29
 Instrument: hp5890-4.1
 Client Sample ID: AR12485 0.8ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640019.d
Lab Smp Id: AR12541 0.05ng Client Smp ID: AR12541 0.05ng
Inj Date : 14-AUG-2007 20:47 Inst ID: hp5890-4.i
Operator : turbo1
Smp Info : AR12541 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.835	1.835	0.000	7976125	0.00500	0.00494 (M)
14 Aroclor 1254	4.397	4.397	0.000	1693128	0.05000	0.0623 (M)
\$ 34 Decachlorobiphenyl	8.783	8.781	0.002	14188618	0.01000	0.0110 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640019.d
Lab Smp Id: AR12541 0.05ng Client Smp ID: AR12541 0.05ng
Inj Date : 14-AUG-2007 20:47
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12541 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

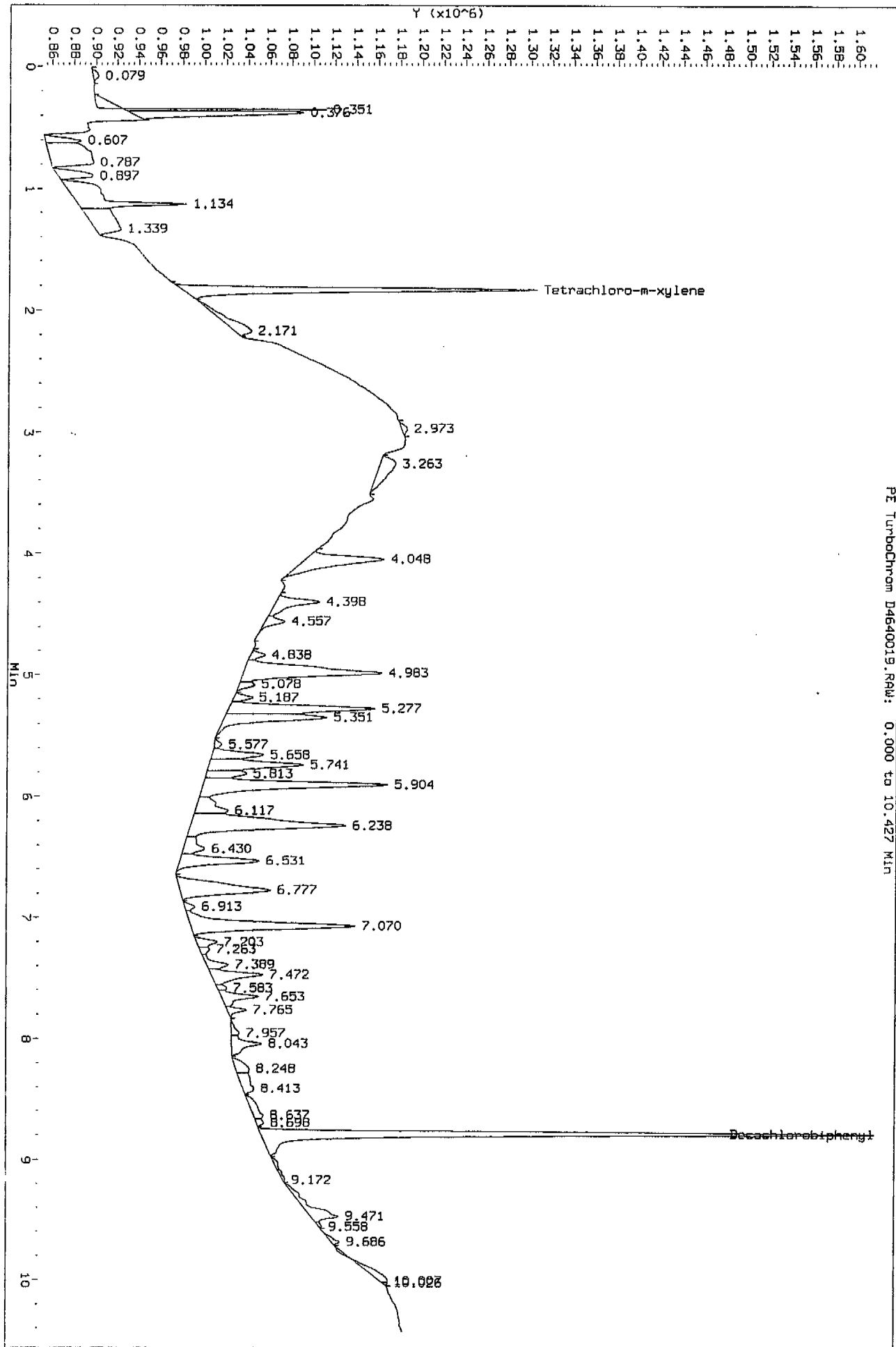
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.079	193481	5377	0.028	0.1656	
0.351	1038060	185644	0.179	0.8885	
0.376	3753191	159254	0.042	3.2126	
0.607	783030	32573	0.042	0.6702	
0.787	4235307	39219	0.009	3.6253	
0.897	1212292	31954	0.026	1.0377	
1.134	5013811	99912	0.020	4.2917	
1.339	2902295	23822	0.008	2.4843	
1.834	7976126	326041	0.041	6.8274	\$ 1 Tetrachloro-m-xylen
2.171	1424321	15094	0.011	1.2192	
2.973	217600	5216	0.024	0.1862	
3.263	1610245	14555	0.009	1.3783	
4.048	3886841	72542	0.019	3.3270	
4.398	1693129	40024	0.024	1.4492	14 Aroclor 1254
4.557	667021	18014	0.027	0.5709	
4.838	421774	13626	0.032	0.3610	
4.983	6405316	127996	0.020	5.4828	
5.078	450921	14455	0.032	0.3859	
5.187	467642	17208	0.037	0.4002	
5.277	4858541	134825	0.028	4.1588	14 Aroclor 1254
5.351	3648598	94533	0.026	3.1231	
5.577	194703	6522	0.033	0.1666	
5.658	1630511	47453	0.029	1.3956	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
5.741	3218527	86667	0.027	2.7550	14 Aroclor 1254
5.813	1130312	36723	0.032	0.9675	
5.904	6879980	170170	0.025	5.8891	14 Aroclor 1254
6.117	1545809	30143	0.019	1.3231	
6.238	7729878	142513	0.018	6.6166	
6.430	1054892	19291	0.018	0.9029	
6.531	2910483	72384	0.025	2.4913	14 Aroclor 1254
6.777	4498150	82620	0.018	3.8503	
6.913	265523	9163	0.035	0.2272	
7.070	6273008	151127	0.024	5.3696	
7.203	604645	19131	0.032	0.5175	
7.263	259612	9061	0.035	0.2222	
7.389	715701	19562	0.027	0.6126	
7.472	1784924	47473	0.027	1.5278	
7.583	210573	8335	0.040	0.1802	
7.653	1208266	34075	0.028	1.0342	
7.765	440613	17493	0.040	0.3771	
7.957	296687	7255	0.024	0.2539	
8.043	1213910	28235	0.023	1.0390	
8.248	688472	12583	0.018	0.5893	
8.413	967228	10356	0.011	0.8279	
8.637	764040	9161	0.012	0.6540	
8.698	206057	7079	0.034	0.1763	
8.783	14188618	563186	0.040	12.1481	\$ 34 Decachlorobiphenyl
9.172	288157	1667	0.006	0.2466	
9.471	1750573	25668	0.015	1.4984	
9.558	86732	2748	0.032	0.0742	
9.686	235181	7293	0.031	0.2013	
10.007	679189	7063	0.010	0.5813	
10.026	43731	4019	0.092	0.0374	
=====					
	116824224	3168103		100.000	

Total unknown % area = 64.3

Data File: \\Target1.ctv\files\chem\GC\mp5890-4.1\CD4640.b\D4640019.d\D4640019.RAW
Injection Date: 14-AUG-2007 20:47
Instrument: mp5890-4.1
Client Sample ID: AR12541 0.05ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640020.d
Lab Smp Id: AR12542 0.1ng Client Smp ID: AR12542 0.1ng
Inj Date : 14-AUG-2007 21:04
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12542 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.833	1.834	-0.001	15161276	0.01000	0.00932 (M)
14 Aroclor 1254	4.396	4.397	-0.001	3142008	0.10000	0.116 (M)
\$ 34 Decachlorobiphenyl	8.781	8.781	0.000	29509244	0.02000	0.0229 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640020.d
Lab Smp Id: AR12542 0.1ng Client Smp ID: AR12542 0.1ng
Inj Date : 14-AUG-2007 21:04
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12542 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: D4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

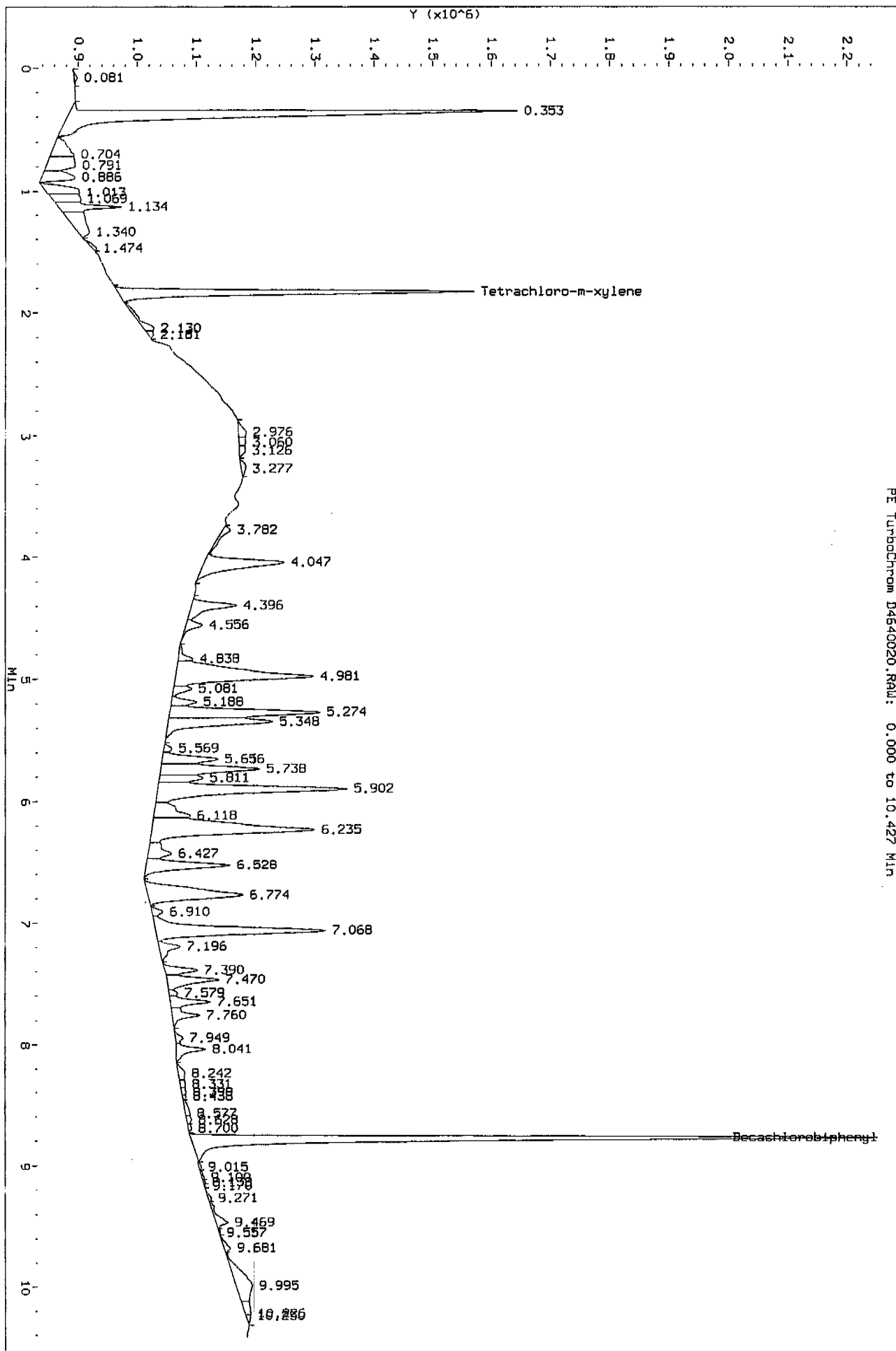
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	165519	5272	0.032	0.0714	
0.353	25626097	759903	0.030	11.0648	
0.704	2179929	39889	0.018	0.9412	
0.791	3007551	49080	0.016	1.2985	
0.886	2469690	56590	0.023	1.0663	
1.013	2395312	54045	0.023	1.0342	
1.069	2070073	47858	0.023	0.8938	
1.134	2949156	106572	0.036	1.2733	
1.340	2991412	18831	0.006	1.2916	
1.474	283531	7099	0.025	0.1224	
1.834	15161276	604178	0.040	6.5463	\$ 1 Tetrachloro-m-xylene
2.130	1112306	17666	0.016	0.4802	
2.181	281558	8993	0.032	0.1215	
2.976	709056	13298	0.019	0.3061	
3.060	456627	11201	0.025	0.1971	
3.126	429390	10055	0.023	0.1854	
3.277	466208	7847	0.017	0.2012	
3.782	834492	13188	0.016	0.3603	
4.047	6670720	134646	0.020	2.8802	
4.396	3142008	75966	0.024	1.3566	14 Aroclor 1254
4.556	1023586	27465	0.027	0.4419	
4.838	810048	24685	0.030	0.3497	
4.981	13160780	232820	0.018	5.6825	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
5.081	948829	30262	0.032	0.4096	
5.188	1240661	42690	0.034	0.5356	
5.274	9260479	253789	0.027	3.9984	14 Aroclor 1254
5.348	6852894	176514	0.026	2.9589	
5.569	392867	13644	0.035	0.1696	
5.656	3300251	93798	0.028	1.4249	
5.738	6279819	166420	0.027	2.7114	14 Aroclor 1254
5.811	2277788	73348	0.032	0.9835	
5.902	13317873	319845	0.024	5.7503	14 Aroclor 1254
6.118	3080185	61240	0.020	1.3299	
6.235	15388021	274949	0.018	6.6442	
6.360	0	0	---	0.0000	
6.427	2128273	39758	0.019	0.9189	
6.528	5785878	141667	0.024	2.4982	14 Aroclor 1254
6.774	8900172	160214	0.018	3.8429	
6.910	568511	18520	0.033	0.2454	
7.068	12070211	286481	0.024	5.2116	
7.196	1491985	35150	0.024	0.6442	
7.390	1669171	54754	0.033	0.7207	
7.470	3147052	87176	0.028	1.3588	
7.579	383723	14862	0.039	0.1656	
7.651	2106693	67868	0.032	0.9096	
7.760	1703999	46805	0.027	0.7357	
7.949	447843	12508	0.028	0.1933	
8.041	1666243	49149	0.029	0.7194	
8.242	628923	10937	0.017	0.2715	
8.331	313172	8566	0.027	0.1352	
8.399	260417	7313	0.028	0.1124	
8.438	113220	6022	0.053	0.0488	
8.577	436953	7530	0.017	0.1886	
8.628	275252	8459	0.031	0.1188	
8.700	174941	5354	0.031	0.0755	
8.782	29509244	1161796	0.039	12.7451	\$ 34 Decachlorobiphenyl
9.015	132419	4363	0.033	0.0571	
9.100	146572	4030	0.027	0.0632	
9.139	69444	3806	0.055	0.0299	
9.170	30243	2124	0.070	0.0130	
9.271	194293	5696	0.029	0.0838	
9.469	1038068	21023	0.020	0.4482	
9.557	58993	1495	0.025	0.0254	
9.681	448061	10975	0.024	0.1934	
9.995	3958461	27180	0.007	1.7091	
10.226	791275	9398	0.012	0.3416	
10.250	213916	7608	0.036	0.0923	
=====	=====	=====	=====	=====	
	231599608	6162233		100.000	

Total unknown % area = 64.4

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640020.d\\D4640020.RAW
Injection Date: 14-AUG-2007 21:04
Instrument: hp5890-4.1
Client Sample ID: AR12542 0.1ng



STL Connecticut

SW846 Method 8081A /8082

Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640021.d
Lab Smp Id: AR12543 0.2ng Client Smp ID: AR12543 0.2ng
Inj Date : 14-AUG-2007 21:22
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12543 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.836	1.835	0.001	38783404	0.02500	0.0237
14 Aroclor 1254	4.400	4.397	0.003	5738275	0.20000	0.211 (M)
\$ 34 Decachlorobiphenyl	8.781	8.781	0.000	62314045	0.05000	0.0484 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640021.d
Lab Smp Id: AR12543 0.2ng Client Smp ID: AR12543 0.2ng
Inj Date : 14-AUG-2007 21:22
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12543 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

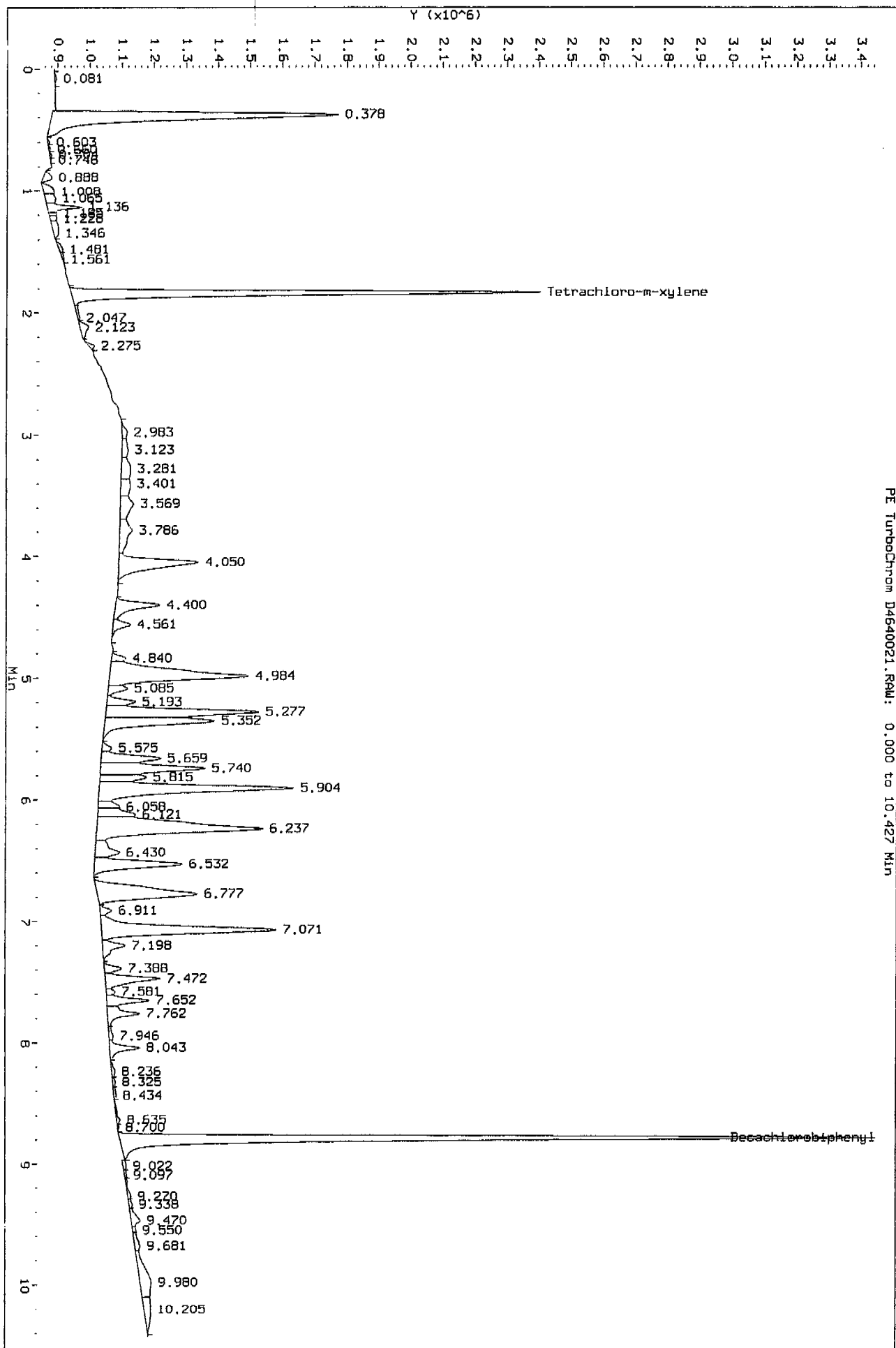
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	227354	6052	0.027	0.0528	
0.378	36929108	891726	0.024	8.5881	
0.603	131588	6400	0.049	0.0306	
0.660	126309	4853	0.038	0.0293	
0.704	137677	6946	0.050	0.0320	
0.746	57844	3055	0.053	0.0134	
0.888	957650	27155	0.028	0.2227	
1.008	1504614	33113	0.022	0.3499	
1.065	1420600	33435	0.024	0.3303	
1.136	2478254	107714	0.043	0.5763	
1.185	402149	24191	0.060	0.0935	
1.228	457393	20587	0.045	0.1063	
1.346	1315350	14502	0.011	0.3058	
1.481	508431	11248	0.022	0.1182	
1.561	261802	4348	0.017	0.0608	
1.836	38783405	1462811	0.038	9.0193	\$ 1 Tetrachloro-m-xylen
2.047	469205	5285	0.011	0.1091	
2.123	1364794	25880	0.019	0.3173	
2.275	406932	16580	0.041	0.0946	
2.983	913950	16684	0.018	0.2125	
3.123	1556070	19716	0.013	0.3618	
3.281	2762631	29485	0.011	0.6424	
3.401	2399454	29599	0.012	0.5580	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.569	3532778	41614	0.012	0.8215	
3.786	4333170	40117	0.009	1.0077	
4.050	12484182	248715	0.020	2.9032	
4.400	5738276	138719	0.024	1.3344	14 Aroclor 1254
4.561	2059114	54793	0.027	0.4788	
4.840	1204549	44129	0.037	0.2801	
4.984	23855290	433171	0.018	5.5477	
5.085	1961626	60153	0.031	0.4561	
5.193	2719157	89944	0.033	0.6323	
5.277	18048027	477519	0.026	4.1972	14 Aroclor 1254
5.352	13746401	342708	0.025	3.1968	
5.575	976108	31213	0.032	0.2270	
5.659	6827481	187123	0.027	1.5877	
5.740	12573413	326376	0.026	2.9240	14 Aroclor 1254
5.815	4453168	145763	0.033	1.0356	
5.904	26027600	606873	0.023	6.0529	14 Aroclor 1254
6.058	1946270	67098	0.034	0.4526	
6.121	3866023	118095	0.031	0.8990	
6.237	29670165	518896	0.017	6.9000	
6.430	4074059	76025	0.019	0.9474	
6.532	11262869	273689	0.024	2.6192	14 Aroclor 1254
6.777	17705299	311524	0.018	4.1175	
6.911	1116355	35825	0.032	0.2596	
7.071	23475750	545562	0.023	5.4594	
7.198	3089672	71445	0.023	0.7185	
7.388	1595485	53771	0.034	0.3710	
7.472	6178733	171705	0.028	1.4369	
7.581	747590	27782	0.037	0.1738	
7.652	4128704	134383	0.033	0.9601	
7.762	3953398	101633	0.026	0.9193	
7.946	722443	13774	0.019	0.1680	
8.043	3072904	95063	0.031	0.7146	
8.236	543167	10203	0.019	0.1263	
8.325	327768	8119	0.025	0.0762	
8.434	341816	7825	0.023	0.0794	
8.635	576578	11512	0.020	0.1340	
8.700	112636	4416	0.039	0.0261	
8.782	62314046	2353622	0.038	14.4949	\$ 34 Decachlorobiphenyl
9.022	441869	9859	0.022	0.1027	
9.097	255934	7100	0.028	0.0595	
9.270	656654	10874	0.017	0.1527	
9.338	463469	11706	0.025	0.1077	
9.470	1578465	29496	0.019	0.3670	
9.550	274683	10306	0.038	0.0638	
9.681	1094560	17224	0.016	0.2545	
9.980	5465539	34370	0.006	1.2710	
10.205	2835147	20583	0.007	0.6593	
=====	=====	=====	=====	=====	
	430000950	11233780		100.000	

Total unknown % area = 59.4

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640021.d\\D4640021.RAW
Injection Date: 14-AUG-2007 21:22
Instrument: hp5890-4.1
Client Sample ID: AK12543 0.2mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640022.d
Lab Smp Id: AR12544 0.4ng Client Smp ID: AR12544 0.4ng
Inj Date : 14-AUG-2007 21:39
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12544 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.833	1.835	-0.002	75691237	0.05000	0.0462
14 Aroclor 1254	4.397	4.397	0.000	10069149	0.40000	0.370
\$ 34 Decachlorobiphenyl	8.783	8.781	0.002	118720967	0.10000	0.0920 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640022.d
Lab Smp Id: AR12544 0.4ng Client Smp ID: AR12544 0.4ng
Inj Date : 14-AUG-2007 21:39
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12544 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: D4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

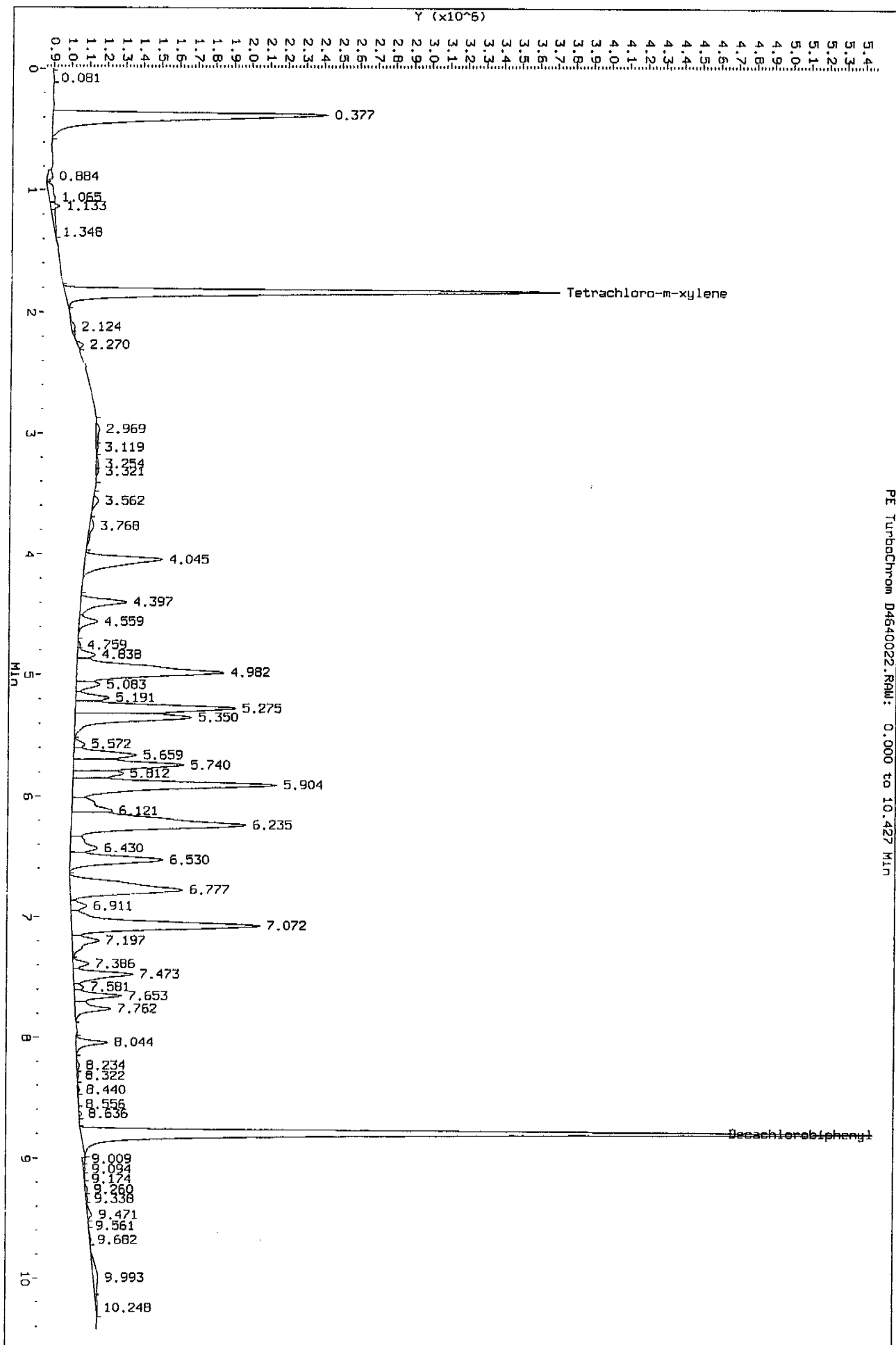
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	156584	4776	0.031	0.0206	
0.377	61758795	1528231	0.025	8.1592	
0.884	1278400	30577	0.024	0.1688	
1.065	2903404	34087	0.012	0.3835	
1.133	1266147	51815	0.041	0.1672	
1.348	1574471	7988	0.005	0.2080	
1.834	75691237	2751650	0.036	9.9999	\$ 1 Tetrachloro-m-xylene
2.124	1153207	20977	0.018	0.1523	
2.270	1113635	33050	0.030	0.1471	
2.969	1326895	19208	0.014	0.1753	
3.119	519494	10600	0.020	0.0686	
3.254	682447	12625	0.018	0.0901	
3.321	459280	14403	0.031	0.0606	
3.562	1329034	30936	0.023	0.1755	
3.768	1732603	21888	0.013	0.2289	
4.045	20394970	431468	0.021	2.6944	
4.397	10069150	255221	0.025	1.3302	14 Aroclor 1254
4.559	3754528	102448	0.027	0.4960	
4.759	408764	14761	0.036	0.0540	
4.838	3225722	98221	0.030	0.4261	
4.982	44458595	815715	0.018	5.8736	
5.083	4354943	130361	0.030	0.5753	
5.191	5736511	184880	0.032	0.7578	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
5.275	33953026	889009	0.026	4.4857	14 Aroclor 1254
5.350	26590478	646213	0.024	3.5130	
5.572	1873218	59909	0.032	0.2474	
5.659	12553072	348737	0.028	1.6584	
5.740	23930310	613179	0.026	3.1615	14 Aroclor 1254
5.812	8498357	279073	0.033	1.1227	
5.904	49143310	1133930	0.023	6.4925	14 Aroclor 1254
6.121	10898545	225426	0.021	1.4398	
6.235	56809180	969272	0.017	7.5053	
6.430	8156749	149666	0.018	1.0776	
6.530	21849899	518391	0.024	2.8867	14 Aroclor 1254
6.777	36451003	625070	0.017	4.8157	
6.911	3262670	89379	0.027	0.4310	
7.072	46877205	1046631	0.022	6.1931	
7.197	6949353	149943	0.022	0.9181	
7.386	2647162	86399	0.033	0.3497	
7.473	12003406	330529	0.028	1.5858	
7.581	1308174	52633	0.040	0.1728	
7.653	8010489	260567	0.033	1.0583	
7.762	7200791	199440	0.028	0.9513	
8.044	5053158	175139	0.035	0.6675	
8.234	614111	14687	0.024	0.0811	
8.322	304726	9028	0.030	0.0402	
8.440	265453	10118	0.038	0.0350	
8.556	115504	2703	0.023	0.0152	
8.636	374586	16078	0.043	0.0494	
8.783	118720968	4391930	0.037	15.6876	\$ 34 Decachlorobiphenyl
9.009	403755	14302	0.035	0.0533	
9.094	363618	9570	0.026	0.0480	
9.174	173533	3862	0.022	0.0229	
9.260	453094	11897	0.026	0.0598	
9.338	330359	10016	0.030	0.0436	
9.471	1021209	24089	0.024	0.1349	
9.561	49427	1590	0.032	0.0065	
9.682	283879	7331	0.026	0.0375	
9.993	3349409	24709	0.007	0.4425	
10.248	723847	6427	0.009	0.0956	
=====	=====	=====	=====	=====	
	756915847	20012758		100.000	

Total unknown % area = 56.0

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640022.D\\D4640022.RAW
Injection Date: 14-AUG-2007 21:35
Instrument: hp5890-4.1
Client Sample ID: AR12544 0.4mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640023.d
Lab Smp Id: AR12545 0.8ng Client Smp ID: AR12545 0.8ng
Inj Date : 14-AUG-2007 21:56
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12545 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.834	1.834	0.000	146418953	0.10000	0.0898
14 Aroclor 1254	4.396	4.397	-0.001	18778031	0.80000	0.691
\$ 34 Decachlorobiphenyl	8.775	8.781	-0.006	195306827	0.20000	0.152 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640023.d
Lab Smp Id: AR12545 0.8ng Client Smp ID: AR12545 0.8ng
Inj Date : 14-AUG-2007 21:56
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12545 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: D4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

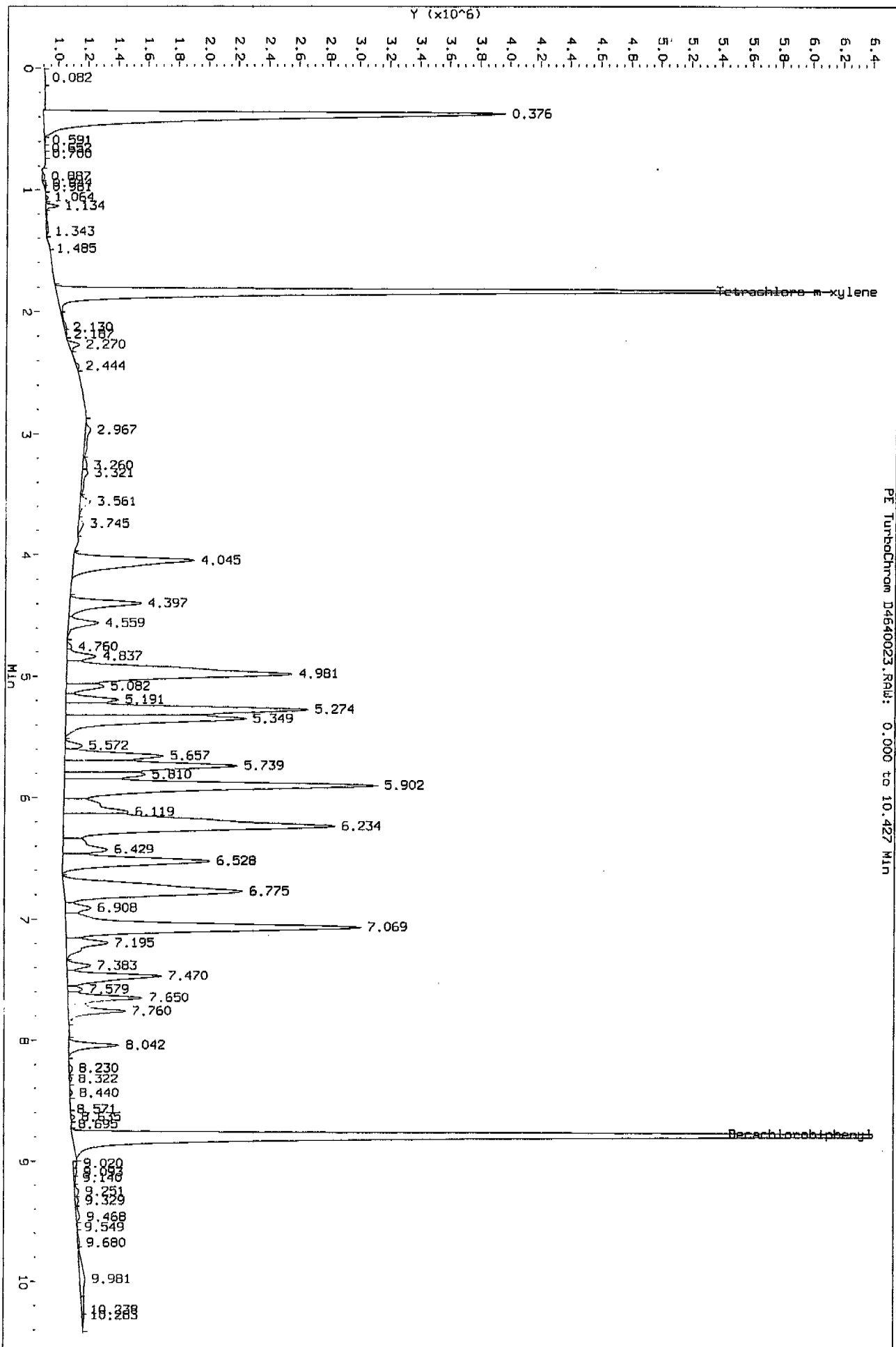
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	157749	5322	0.034	0.0112	
0.376	123386500	3071266	0.025	8.8068	
0.591	227335	8021	0.035	0.0162	
0.652	60811	2654	0.044	0.0043	
0.700	75140	4323	0.058	0.0053	
0.887	407384	15515	0.038	0.0290	
0.944	363050	20485	0.056	0.0259	
0.981	244938	10798	0.044	0.0174	
1.064	347393	16456	0.047	0.0247	
1.134	1495075	87529	0.059	0.1067	
1.343	1050283	12119	0.012	0.0749	
1.485	178115	2233	0.013	0.0127	
1.835	146418953	5133731	0.035	10.4508	\$ 1 Tetrachloro-m-xylen
2.130	978385	16014	0.016	0.0698	
2.187	353586	10322	0.029	0.0252	
2.270	1926498	71461	0.037	0.1375	
2.444	674529	19360	0.029	0.0481	
2.967	3093490	34830	0.011	0.2208	
3.260	1311807	26991	0.021	0.0936	
3.321	2487853	37776	0.015	0.1775	
3.561	3067329	68626	0.022	0.2189	
3.745	1680445	32294	0.019	0.1199	
4.045	38555460	802390	0.021	2.7519	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
4.397	18778032	476023	0.025	1.3403	14 Aroclor 1254
4.559	7298360	200296	0.027	0.5209	
4.760	803217	29555	0.037	0.0573	
4.837	6667074	192436	0.029	0.4758	
4.981	80860858	1496690	0.019	5.7715	
5.082	8349065	249841	0.030	0.5959	
5.191	10682720	348824	0.033	0.7624	
5.274	62492348	1608626	0.026	4.4604	14 Aroclor 1254
5.349	49403081	1201641	0.024	3.5262	
5.572	3265880	113284	0.035	0.2331	
5.657	23711545	655873	0.028	1.6924	
5.739	46253329	1148785	0.025	3.3014	14 Aroclor 1254
5.810	15912076	536543	0.034	1.1357	
5.902	93373916	2081491	0.022	6.6647	14 Aroclor 1254
6.119	20779418	428998	0.021	1.4831	
6.234	107047031	1799847	0.017	7.6406	
6.429	15915519	294126	0.018	1.1359	
6.528	42213699	977076	0.023	3.0130	14 Aroclor 1254
6.775	70318260	1186575	0.017	5.0190	
6.908	6150365	169756	0.028	0.4389	
7.069	89287135	1959132	0.022	6.3730	
7.195	12601779	277816	0.022	0.8994	
7.383	4548408	158413	0.035	0.3246	
7.470	22973120	629019	0.027	1.6397	
7.579	2438338	98213	0.040	0.1740	
7.650	15695511	496317	0.032	1.1202	
7.760	13473436	380224	0.028	0.9616	
8.042	9595632	334631	0.035	0.6849	
8.230	892448	23773	0.027	0.0636	
8.322	518950	16200	0.031	0.0370	
8.440	497220	18851	0.038	0.0354	
8.571	123941	2646	0.021	0.0088	
8.635	549687	26995	0.049	0.0392	
8.695	78180	4384	0.056	0.0055	
8.775	195306828	5309032	0.027	13.9437	\$ 34 Decachlorobiphenyl
9.020	812126	26778	0.033	0.0579	
9.093	784800	21991	0.028	0.0560	
9.140	397942	13036	0.033	0.0284	
9.251	1097776	27291	0.025	0.0783	
9.329	799460	22382	0.028	0.0570	
9.468	1312838	23594	0.018	0.0937	
9.549	220330	7228	0.033	0.0157	
9.680	747873	13254	0.018	0.0533	
9.981	5311025	33442	0.006	0.3790	
10.238	1521414	15855	0.010	0.1085	
10.283	617181	13376	0.022	0.0440	
=====	=====	=====	=====	=====	
	1401021274	34660675		100.000	

Total unknown % area = 56.8

Data File: \\Target1.ctv\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640023.d\\D4640023.RAW
Injection Date: 14-AUG-2007 21:56
Instrument: hp5890-4.1
Client Sample ID: AR12545 0.8mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640024.d
Lab Smp Id: AR12622 0.1ng Client Smp ID: AR12622 0.1ng
Inj Date : 14-AUG-2007 22:14
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12622 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1262.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.836	1.835	0.001	17208895	0.01000	0.0106
49 Aroclor 1262	6.787	6.787	0.000	8068160	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	8.781	8.781	0.000	34604398	0.02000	0.0269 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640024.d
Lab Smp Id: AR12622 0.1ng Client Smp ID: AR12622 0.1ng
Inj Date : 14-AUG-2007 22:14
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12622 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1262.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

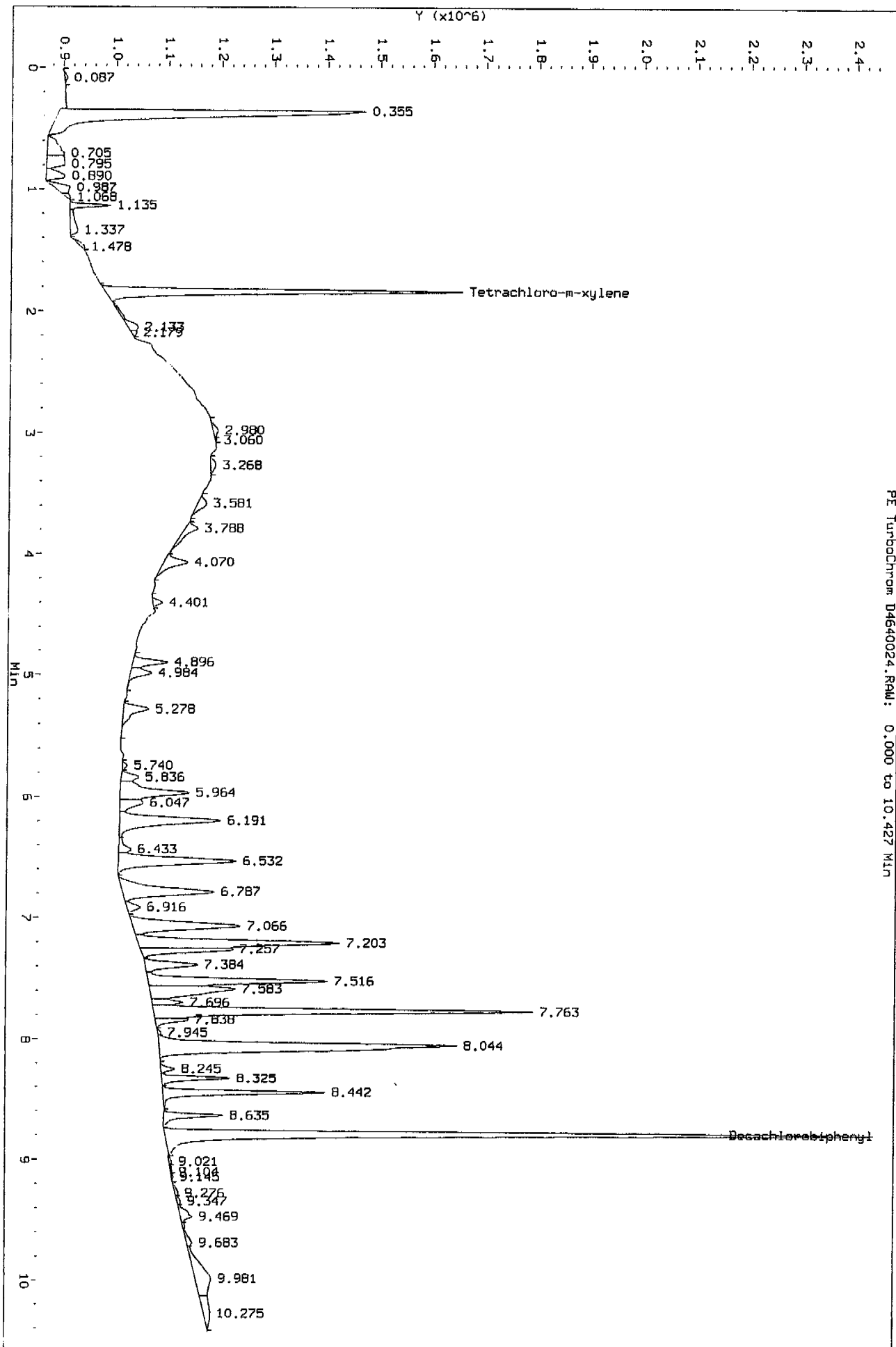
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.087	156450	5057	0.032	0.0625	
0.355	23510654	580274	0.025	9.3936	
0.705	1986745	32183	0.016	0.7937	
0.795	1932436	34520	0.018	0.7720	
0.890	1397588	35494	0.025	0.5584	
0.987	1252452	29328	0.023	0.5004	
1.068	228692	7180	0.031	0.0913	
1.135	1276962	76974	0.060	0.5102	
1.337	1161171	14023	0.012	0.4639	
1.478	288595	5844	0.020	0.1153	
1.836	17208896	677969	0.039	6.8757	\$ 1 Tetrachloro-m-xylene
2.133	1215555	19888	0.016	0.4856	
2.179	224016	10224	0.046	0.0895	
2.980	445062	9350	0.021	0.1778	
3.060	45028	2202	0.049	0.0179	
3.268	528330	9963	0.019	0.2110	
3.581	958265	16563	0.017	0.3828	
3.788	1407775	23640	0.017	0.5624	
4.070	2072528	44974	0.022	0.8280	
4.401	477312	18206	0.038	0.1907	
4.896	2081442	66721	0.032	0.8316	
4.984	1468707	40427	0.028	0.5868	
5.278	2208515	48253	0.022	0.8824	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
5.740	221094	8731	0.039	0.0883	
5.836	1147411	33340	0.029	0.4584	
5.964	6030912	131247	0.022	2.4096	
6.047	1850667	44129	0.024	0.7394	
6.191	8364182	192004	0.023	3.3418	
6.433	1039222	23739	0.023	0.4152	
6.532	9245020	224162	0.024	3.6938	
6.787	8068160	174251	0.022	3.2236	49 Aroclor 1262
6.916	862164	25334	0.029	0.3444	
7.066	8470527	204240	0.024	3.3843	49 Aroclor 1262
7.203	13251951	382382	0.029	5.2947	
7.257	4383647	176241	0.040	1.7514	
7.384	3183952	99481	0.031	1.2721	
7.516	10104694	339084	0.034	4.0373	49 Aroclor 1262
7.583	7044706	162254	0.023	2.8146	
7.646	0	0	---	0.0000	
7.696	1430369	58601	0.041	0.5715	
7.763	20229163	718044	0.035	8.0825	49 Aroclor 1262
7.838	1471885	63048	0.043	0.5880	
7.945	155960	6370	0.041	0.0623	
8.044	23507179	564016	0.024	9.3922	
8.245	627807	25737	0.041	0.2508	
8.325	2983026	129022	0.043	1.1918	
8.442	7073492	306347	0.043	2.8261	49 Aroclor 1262
8.635	2601288	111793	0.043	1.0393	
8.782	34604399	1338312	0.039	13.8285	\$ 34 Decachlorobiphenyl
9.021	163060	5282	0.032	0.0651	
9.104	113389	2896	0.026	0.0453	
9.145	87602	3319	0.038	0.0350	
9.276	250860	5887	0.023	0.1002	
9.347	231859	6510	0.028	0.0926	
9.469	1024475	21552	0.021	0.4093	
9.683	594395	10018	0.017	0.2374	
9.981	4475403	29664	0.007	1.7881	
10.275	1856119	12264	0.007	0.7416	
=====	=====	=====	=====	=====	
	250283208	7448558		100.000	

Total unknown % area = 57.7

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\D4640024.d\D4640024.RAW
Injection Date: 14-AUG-2007 22:14
Instrument: hp5890-4.1
Client Sample ID: AR12622 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640025.d
Lab Smp Id: AR12682 0.1ng Client Smp ID: AR12682 0.1ng
Inj Date : 14-AUG-2007 22:31
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12682 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1268.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.831	1.834	-0.003	16506481	0.01000	0.00994
50 Aroclor 1268	7.200	7.200	0.000	6050957	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	8.780	8.781	-0.001	44346887	0.02000	0.0334 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640025.d
Lab Smp Id: AR12682 0.1ng Client Smp ID: AR12682 0.1ng
Inj Date : 14-AUG-2007 22:31
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12682 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 09:32 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: D4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1268.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

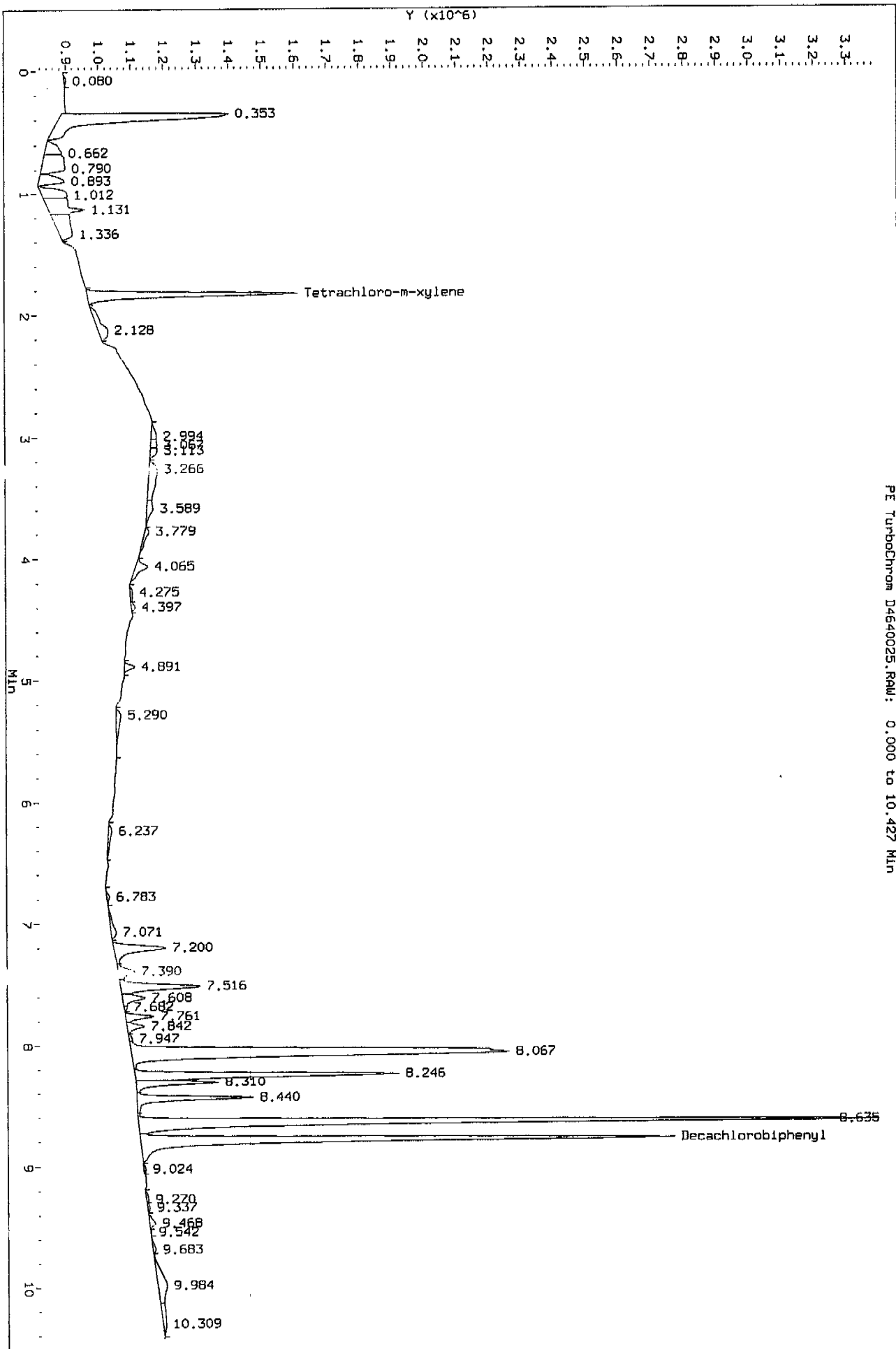
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.080	174038	5578	0.032	0.0573	
0.353	22914323	515227	0.022	7.5541	
0.662	2382080	53210	0.022	0.7852	
0.790	5924467	73108	0.012	1.9531	
0.893	3143547	79550	0.025	1.0363	
1.012	3717464	76782	0.021	1.2255	
1.131	6177838	111232	0.018	2.0366	
1.336	5613745	39114	0.007	1.8506	
1.832	16506481	647471	0.039	5.4416	\$ 1 Tetrachloro-m-xylen
2.128	2973053	29815	0.010	0.9801	
2.994	832803	15504	0.019	0.2745	
3.067	761081	19353	0.025	0.2509	
3.113	892003	21158	0.024	0.2940	
3.266	3928455	25011	0.006	1.2950	
3.589	1538167	19696	0.013	0.5070	
3.779	1063669	13862	0.013	0.3506	
4.065	1977450	38832	0.020	0.6519	
4.275	444699	7939	0.018	0.1466	
4.397	397677	12025	0.030	0.1311	
4.891	921403	33356	0.036	0.3037	
5.290	1533644	14510	0.009	0.5055	
6.237	1077604	10823	0.010	0.3552	
6.783	302964	8204	0.027	0.0998	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.071	1282486	16671	0.013	0.4227	
7.200	6050957	161527	0.027	1.9948	50 Aroclor 1268
7.390	2044351	51151	0.025	0.6739	
7.516	7678856	244777	0.032	2.5314	50 Aroclor 1268
7.608	2278619	70956	0.031	0.7511	
7.682	216113	9781	0.045	0.0712	
7.761	2150879	87953	0.041	0.7090	
7.842	1519633	55011	0.036	0.5009	
7.947	306527	10379	0.034	0.1010	
8.067	50476753	1166374	0.023	16.6406	
8.151	0	0	---	0.0000	
8.246	19652875	813843	0.041	6.4789	50 Aroclor 1268
8.310	6568363	252812	0.038	2.1653	
8.440	8290933	356678	0.043	2.7332	50 Aroclor 1268
8.549	0	0	---	0.0000	
8.635	57374646	2283100	0.040	18.9172	50 Aroclor 1268
8.781	44346887	1648942	0.037	14.6198	\$ 34 Decachlorobiphenyl
9.024	239865	6344	0.026	0.0790	
9.270	335041	7340	0.022	0.1104	
9.337	295143	7897	0.027	0.0972	
9.468	755886	18149	0.024	0.2491	
9.542	82678	3475	0.042	0.0272	
9.683	421051	9515	0.023	0.1388	
9.984	4098231	28518	0.007	1.3510	
10.309	1668686	10218	0.006	0.5501	
=====					
	303334112	9192771		100.000	

Total unknown % area = 47.3

Data File: \\target1-cv\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640025.d\\D4640025.RAW
Injection Date: 14-AUG-2007 22:31
Instrument: hp5890-4.1
Client Sample ID: KR12682 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640037.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 02:00
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:01 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.832	1.835	-0.003	38376522	0.02500	0.0252
2 Aroclor 1016	2.440	2.443	-0.003	8642760	0.20000	0.239 (M)
29 Aroclor 1260	7.065	7.070	-0.005	27024853	0.20000	0.205 (M)
\$ 34 Decachlorobiphenyl	8.780	8.782	-0.002	62561877	0.05000	0.0509 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640037.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 02:00
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:01 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

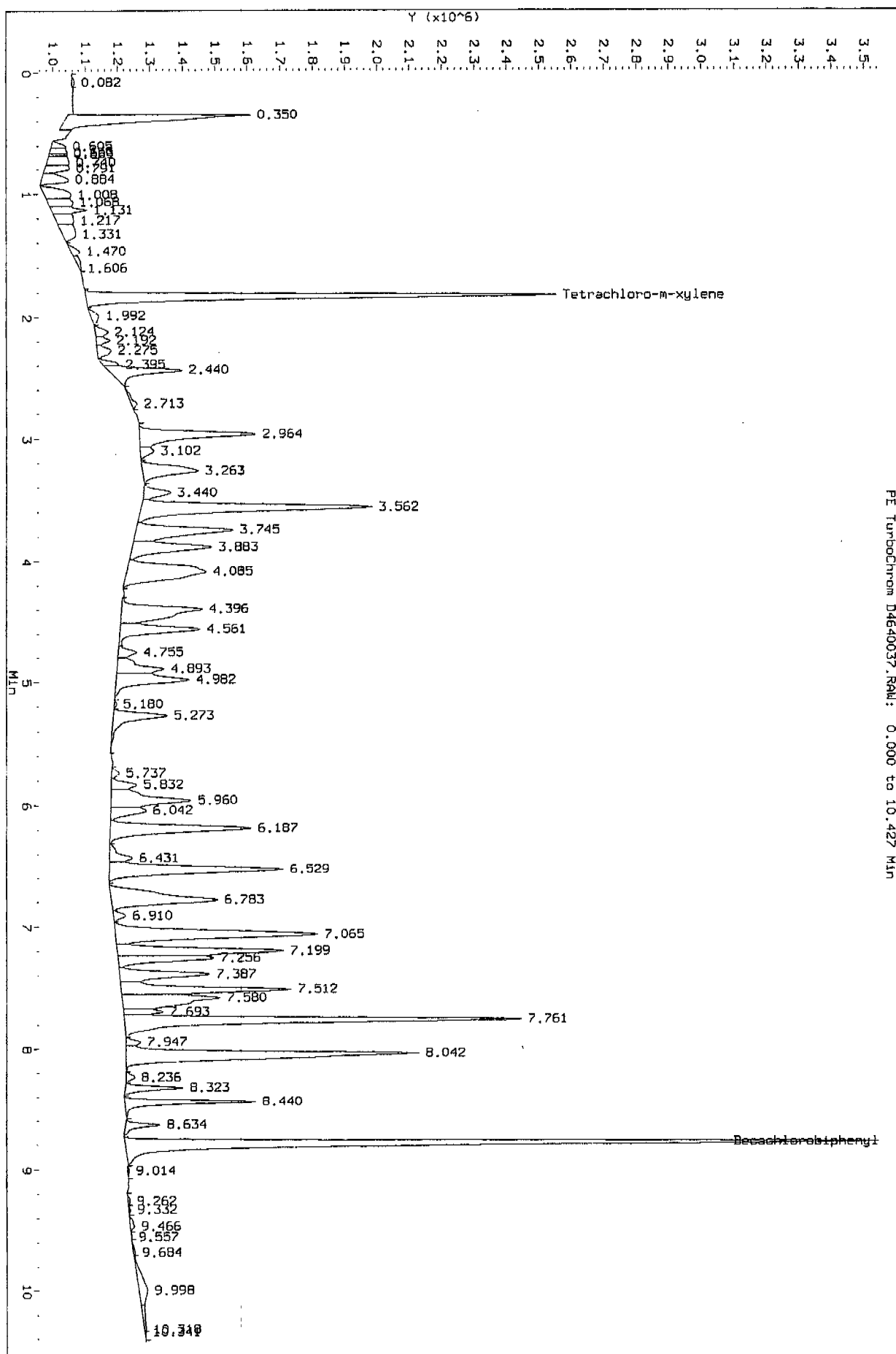
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	229002	7702	0.034	0.0384	
0.350	18906703	567467	0.030	3.1721	
0.605	1070735	45675	0.043	0.1796	
0.653	1414196	54427	0.038	0.2372	
0.669	540027	55371	0.103	0.0906	
0.740	2929827	70013	0.024	0.4915	
0.791	2850984	76299	0.027	0.4783	
0.884	3505986	83897	0.024	0.5882	
1.008	3997904	82434	0.021	0.6707	
1.068	3024653	77560	0.026	0.5074	
1.131	2892445	109607	0.038	0.4852	
1.217	2742745	54075	0.020	0.4601	
1.331	3118155	39234	0.013	0.5231	
1.470	948213	25936	0.027	0.1590	
1.606	756961	4834	0.006	0.1270	
1.833	38376522	1454536	0.038	6.4388	\$ 1 Tetrachloro-m-xylene
1.992	1209717	25339	0.021	0.2029	
2.124	1455651	39178	0.027	0.2442	
2.192	1266123	42320	0.033	0.2124	
2.275	1841522	43984	0.024	0.3089	
2.395	1116152	48111	0.043	0.1872	
2.440	8642760	226978	0.026	1.4500	2 Aroclor 1016
2.713	931427	18670	0.020	0.1562	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
2.964	14530760	358102	0.025	2.4379	2 Aroclor 1016
3.102	1686012	42083	0.025	0.2828	
3.263	8439836	171799	0.020	1.4160	
3.440	3278286	83221	0.025	0.5500	
3.562	28334260	712850	0.025	4.7539	2 Aroclor 1016
3.745	13787469	299427	0.022	2.3132	2 Aroclor 1016
3.883	10887196	244463	0.022	1.8266	2 Aroclor 1016
4.085	18365830	244889	0.013	3.0814	
4.396	14533205	248752	0.017	2.4384	
4.561	10032094	245778	0.024	1.6831	
4.755	2048801	56493	0.028	0.3437	
4.893	6417428	145488	0.023	1.0767	
4.982	10192487	225043	0.022	1.7101	
5.180	175491	8051	0.046	0.0294	
5.273	7303033	165732	0.023	1.2253	
5.737	750382	23434	0.031	0.1259	
5.832	2702044	78651	0.029	0.4533	
5.960	12082770	247065	0.020	2.0272	
6.042	4386072	110196	0.025	0.7359	
6.187	17667057	434920	0.025	2.9642	
6.431	3009939	70993	0.024	0.5050	
6.529	22772086	536910	0.024	3.8207	
6.783	18095524	328366	0.018	3.0360	
6.910	1234533	37723	0.031	0.2071	
7.065	27024853	624397	0.023	4.5342	29 Aroclor 1260
7.199	17828852	513442	0.029	2.9913	29 Aroclor 1260
7.256	8865367	297069	0.034	1.4874	
7.387	9973646	277193	0.028	1.6733	
7.512	16885262	523644	0.031	2.8330	
7.580	14813495	302345	0.020	2.4854	29 Aroclor 1260
7.693	2907918	121761	0.042	0.4878	
7.761	38208521	1227092	0.032	6.4106	29 Aroclor 1260
7.947	1224980	44334	0.036	0.2055	
8.042	35446558	905287	0.026	5.9472	
8.236	798174	26171	0.033	0.1339	
8.323	4172587	177285	0.042	0.7000	
8.440	9639117	403010	0.042	1.6172	29 Aroclor 1260
8.634	2660109	106463	0.040	0.4463	
8.780	62561877	2322700	0.037	10.5005	\$ 34 Decachlorobiphenyl
9.014	195961	5279	0.027	0.0328	
9.262	264472	6867	0.026	0.0443	
9.332	172859	5556	0.032	0.0290	
9.466	623412	13396	0.021	0.1045	
9.557	65661	1643	0.025	0.0110	
9.684	281939	6037	0.021	0.0473	
9.998	3785526	26938	0.007	0.6351	
10.318	1006068	5785	0.006	0.1687	
10.341	125013	4452	0.036	0.0209	
=====	=====	=====	=====	=====	
	596013231	16322222		100.000	

Total unknown % area = 52.2

Data File: \\Target1.ctv\files\chem\GC\hps890-4.1\CD4640.b\D4640037.d\D4640037.RAW
Injection Date: 15-AUG-2007 02:00
Instrument: hps890-4.1
Client Sample ID: AR16603 0.20g



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640047.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 12:55
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.833	1.835	-0.002	38768207	0.02500	0.0254 (M)
2 Aroclor 1016	2.441	2.443	-0.002	8517410	0.20000	0.235 (M)
29 Aroclor 1260	7.068	7.070	-0.002	26741452	0.20000	0.202 (M)
\$ 34 Decachlorobiphenyl	8.780	8.782	-0.002	59709260	0.05000	0.0486 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640047.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 12:55
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

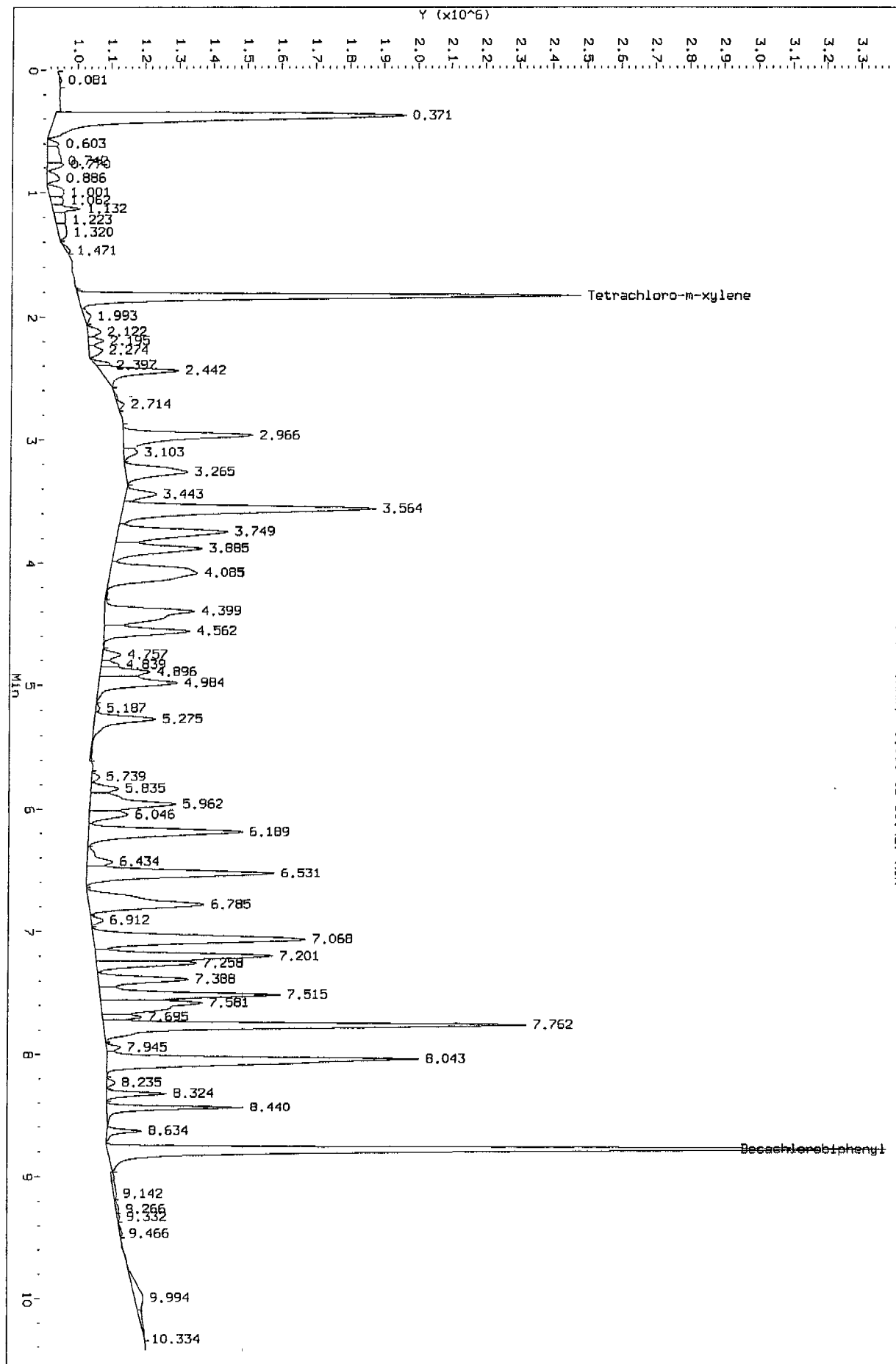
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	174543	6175	0.035	0.0286	
0.371	44282857	1030878	0.023	7.2708	
0.603	863476	33751	0.039	0.1417	
0.742	2873060	42034	0.015	0.4717	
0.770	1544815	49655	0.032	0.2536	
0.886	1475736	36401	0.025	0.2423	
1.001	2210051	44394	0.020	0.3628	
1.062	1332098	37791	0.028	0.2187	
1.132	1939175	81063	0.042	0.3183	
1.223	1525697	29567	0.019	0.2505	
1.320	1799983	24718	0.014	0.2955	
1.471	389741	11681	0.030	0.0639	
1.834	38768208	1479298	0.038	6.3653	\$ 1 Tetrachloro-m-xylene
1.993	936130	20374	0.022	0.1537	
2.122	1468124	38795	0.026	0.2410	
2.195	1356345	45101	0.033	0.2226	
2.274	1646882	40387	0.025	0.2704	
2.397	1021671	40857	0.040	0.1677	
2.442	8517410	232297	0.027	1.3984	2 Aroclor 1016
2.714	836130	20649	0.025	0.1372	
2.966	15245602	381523	0.025	2.5031	2 Aroclor 1016
3.103	1556994	40675	0.026	0.2556	
3.265	8865825	182387	0.021	1.4556	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.443	3603153	90721	0.025	0.5916	
3.564	29856133	742681	0.025	4.9020	2 Aroclor 1016
3.749	15259058	322662	0.021	2.5053	2 Aroclor 1016
3.885	11432382	257105	0.022	1.8770	2 Aroclor 1016
4.085	19650885	257395	0.013	3.2264	
4.399	15585919	265334	0.017	2.5590	
4.562	9881157	253269	0.026	1.6223	
4.757	1875475	54698	0.029	0.3079	
4.839	1292712	52993	0.041	0.2122	
4.896	5354739	147970	0.028	0.8791	
4.984	10451042	231898	0.022	1.7159	
5.187	346076	12699	0.037	0.0568	
5.275	7991285	180816	0.023	1.3120	
5.739	761129	23997	0.032	0.1249	
5.835	2744636	82129	0.030	0.4506	
5.962	12324785	253704	0.021	2.0236	
6.046	4518235	115643	0.026	0.7418	
6.189	18612306	453683	0.024	3.0559	
6.434	3295612	75476	0.023	0.5411	
6.531	23310495	550537	0.024	3.8273	
6.785	18327218	338480	0.018	3.0091	
6.912	1087196	35897	0.033	0.1785	
7.068	26741452	622624	0.023	4.3906	29 Aroclor 1260
7.201	17945958	520670	0.029	2.9465	29 Aroclor 1260
7.258	8215954	294296	0.036	1.3489	
7.388	9066159	266207	0.029	1.4885	
7.515	16663893	529753	0.032	2.7360	
7.581	14443261	298102	0.021	2.3714	29 Aroclor 1260
7.695	2750010	116618	0.042	0.4515	
7.762	37499083	1242001	0.033	6.1569	29 Aroclor 1260
7.945	1088016	41761	0.038	0.1786	
8.043	34408963	914460	0.027	5.6496	
8.235	762189	25744	0.034	0.1251	
8.324	3990142	176928	0.044	0.6551	
8.440	9447301	401219	0.042	1.5511	29 Aroclor 1260
8.634	2345114	101869	0.043	0.3850	
8.780	59709260	2279392	0.038	9.8071	\$ 34 Decachlorobiphenyl
9.142	926432	7853	0.008	0.1521	
9.266	383445	7825	0.020	0.0629	
9.332	186558	6496	0.035	0.0306	
9.466	302618	7645	0.025	0.0496	
9.994	3133719	24422	0.008	0.5145	
10.334	847366	1502	0.002	0.1391	
=====	=====	=====	=====	=====	
	609049067	16637625		100.000	

Total unknown % area = 53.2

Data File: \\Target1.ct\\files\\chem\\GC\\mp5890-4.1\\CD4640.b\\D4640047.d\\D4640047.RAW
Injection Date: 15-AUG-2007 12:55
Instrument: mp5890-4.1
Client Sample ID: AR16603 0.2mg

PE TurboChrom D4640047.RAW: 0.000 to 10.427 MIN



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640002.d
Lab Smp Id: AR16601 0.05ng Client Smp ID: AR16601 0.05ng
Inj Date : 14-AUG-2007 15:50
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16601 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.076	0.002	2404111	0.00500	0.00547 (M)
2 Aroclor 1016	1.380	1.379	0.001	869344	0.05000	0.0590 (M)
25 Aroclor 1260	4.870	4.870	0.000	851187	0.05000	0.0532 (M)
\$ 34 Decachlorobiphenyl	7.751	7.751	0.000	4438675	0.01000	0.0110 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640002.d
Lab Smp Id: AR16601 0.05ng Client Smp ID: AR16601 0.05ng
Inj Date : 14-AUG-2007 15:50
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16601 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

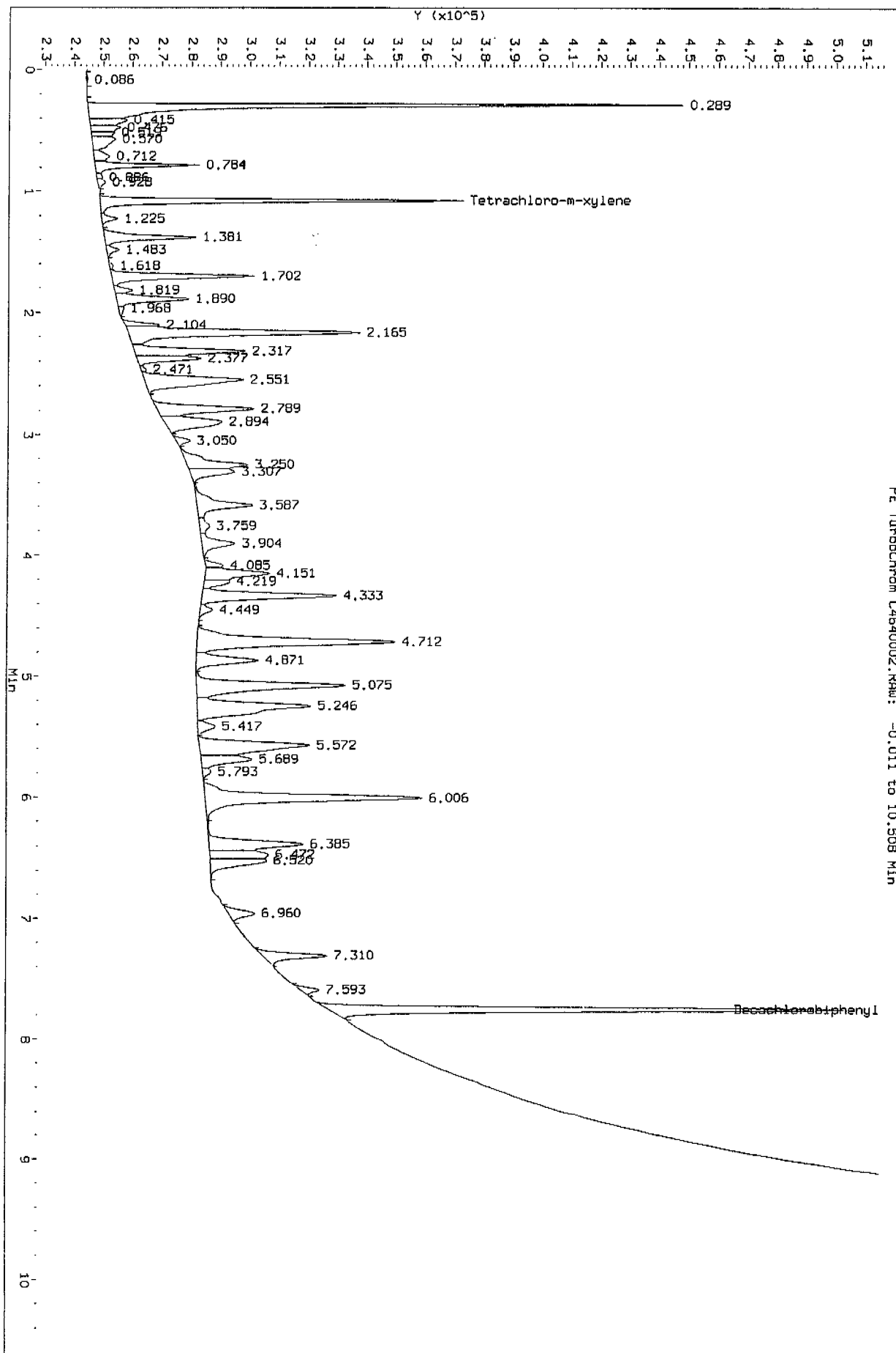
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.086	19760	498	0.025	0.0395	
0.289	4227700	204148	0.048	8.4589	
0.415	386194	12937	0.033	0.7727	
0.476	274241	10406	0.038	0.5487	
0.519	180617	8073	0.045	0.3613	
0.570	387149	8149	0.021	0.7746	
0.712	214516	5409	0.025	0.4292	
0.784	711354	35723	0.050	1.4233	
0.886	51622	2038	0.039	0.1032	
0.928	85767	2650	0.031	0.1716	
1.078	2404112	124089	0.052	4.8102	\$ 1 Tetrachloro-m-xylen
1.225	150423	5595	0.037	0.3009	
1.381	869345	31209	0.036	1.7394	2 Aroclor 1016
1.483	123825	4264	0.034	0.2477	
1.618	38808	1292	0.033	0.0776	
1.702	1305962	48730	0.037	2.6130	2 Aroclor 1016
1.819	151896	6101	0.040	0.3039	
1.890	771308	24542	0.032	1.5432	
1.968	57407	1805	0.031	0.1148	
2.104	229196	11631	0.051	0.4585	
2.165	2648733	79134	0.030	5.2996	2 Aroclor 1016
2.317	1179345	37770	0.032	2.3596	2 Aroclor 1016
2.377	615966	21800	0.035	1.2324	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.471	42307	1815	0.043	0.0846	
2.551	1547639	33709	0.022	3.0965	
2.789	1202603	33084	0.028	2.4062	
2.894	1001328	19865	0.020	2.0034	
3.050	142190	4926	0.035	0.2844	
3.250	889667	20802	0.023	1.7800	
3.307	562925	15284	0.027	1.1263	
3.587	927192	19046	0.021	1.8551	
3.759	187348	3515	0.019	0.3748	
3.904	512903	11337	0.022	1.0262	
4.085	150622	5957	0.040	0.3013	
4.151	858118	21906	0.026	1.7169	
4.219	260425	8760	0.034	0.5210	
4.333	1585761	45953	0.029	3.1728	
4.449	149604	4310	0.029	0.2993	
4.712	3100114	67694	0.022	6.2028	
4.871	851188	21213	0.025	1.7030	25 Aroclor 1260
5.075	2234482	50999	0.023	4.4708	25 Aroclor 1260
5.246	2075459	38876	0.019	4.1526	25 Aroclor 1260
5.417	251437	5996	0.024	0.5030	
5.572	1896780	37653	0.020	3.7951	
5.689	716590	17231	0.024	1.4337	
5.793	98379	2823	0.029	0.1968	
6.006	3110138	74166	0.024	6.2228	25 Aroclor 1260
6.385	1359269	32197	0.024	2.7196	
6.472	776935	19868	0.026	1.5545	
6.520	749966	19204	0.026	1.5005	
6.960	348104	8913	0.026	0.6964	
7.310	693380	22124	0.032	1.3873	25 Aroclor 1260
7.593	172378	6368	0.037	0.3448	
7.752	4438675	175662	0.040	8.8837	\$ 34 Decachlorobiphenyl
=====					
	49979145	1539249		100.000	

Total unknown % area = 55.1

Data File: \\target1.ctv\files\chem\GC\mp5890-4.1\CD4640.b\CD4640002.d\CD4640002.RAW
Injection Date: 14-AUG-2007 15:50
Instrument: mp5890-4.1
Client Sample ID: AR1601 0.05mg

PE TurboChrom C4640002.RAW: -0.011 to 10.508 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640003.d
Lab Smp Id: AR16602 0.1ng Client Smp ID: AR16602 0.1ng
Inj Date : 14-AUG-2007 16:07
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16602 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	4819924	0.01000	0.0108
2 Aroclor 1016	1.379	1.379	0.000	1563246	0.10000	0.106 (M)
25 Aroclor 1260	4.870	4.870	0.000	1590212	0.10000	0.0994 (M)
\$ 34 Decachlorobiphenyl	7.751	7.750	0.001	8747932	0.02000	0.0215 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640003.d
Lab Smp Id: AR16602 0.1ng Client Smp ID: AR16602 0.1ng
Inj Date : 14-AUG-2007 16:07
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16602 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

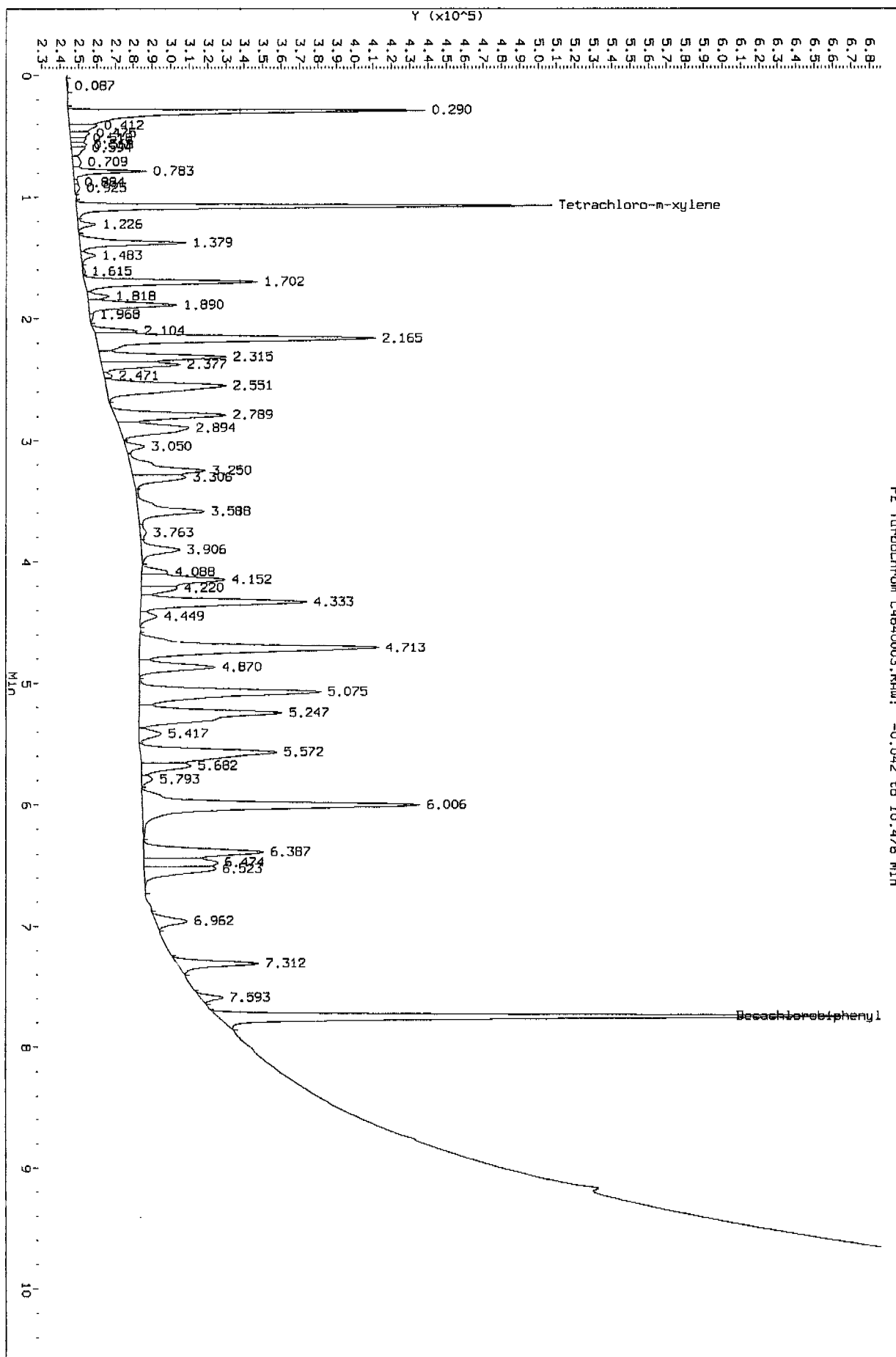
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.087	20644	557	0.027	0.0225	
0.290	4756053	194575	0.041	5.1930	
0.412	461592	15203	0.033	0.5040	
0.475	274154	10668	0.039	0.2993	
0.518	183849	8485	0.046	0.2007	
0.568	185331	8638	0.047	0.2023	
0.594	238480	7643	0.032	0.2603	
0.709	212858	4808	0.023	0.2324	
0.783	781374	39872	0.051	0.8531	
0.884	46944	1945	0.041	0.0512	
0.925	93159	2827	0.030	0.1017	
1.077	4819924	259070	0.054	5.2627	\$ 1 Tetrachloro-m-xylen
1.226	243897	9965	0.041	0.2663	
1.379	1563247	57614	0.037	1.7068	2 Aroclor 1016
1.483	227180	7987	0.035	0.2480	
1.615	48271	1505	0.031	0.0527	
1.702	2476164	93795	0.038	2.7036	2 Aroclor 1016
1.818	281230	11726	0.042	0.3070	
1.890	1497753	47886	0.032	1.6353	
1.968	64731	2132	0.033	0.0706	
2.104	456927	23244	0.051	0.4989	
2.165	5125118	151789	0.030	5.5960	2 Aroclor 1016
2.315	2161791	68591	0.032	2.3604	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.377	1205882	42490	0.035	1.3166	2 Aroclor 1016
2.471	108924	4394	0.040	0.1189	
2.551	3043383	65346	0.021	3.3230	
2.789	2149645	60548	0.028	2.3471	
2.894	1897867	37652	0.020	2.0722	
3.050	322005	10279	0.032	0.3515	
3.250	1731948	39681	0.023	1.8910	
3.306	1019701	28142	0.028	1.1133	
3.588	1626442	35729	0.022	1.7758	
3.763	179023	3303	0.018	0.1954	
3.906	861130	20851	0.024	0.9402	25 Aroclor 1260
4.088	370178	14031	0.038	0.4041	
4.152	1801543	45351	0.025	1.9670	
4.220	614760	19310	0.031	0.6712	
4.333	3159551	90238	0.029	3.4498	
4.449	332353	8993	0.027	0.3628	
4.713	5956114	130300	0.022	6.5033	
4.870	1590212	41045	0.026	1.7363	
5.075	4327915	98684	0.023	4.7255	
5.247	4061551	77678	0.019	4.4347	
5.417	500276	11926	0.024	0.5462	25 Aroclor 1260
5.572	3841923	74349	0.019	4.1949	
5.682	1008178	26639	0.026	1.1008	
5.793	205668	5769	0.028	0.2245	
6.006	6435276	151287	0.024	7.0265	
6.387	2664858	65209	0.024	2.9097	
6.474	1529309	40227	0.026	1.6698	
6.523	1638359	38922	0.024	1.7888	
6.962	669856	17053	0.025	0.7314	
7.312	1424522	44576	0.031	1.5554	
7.593	337861	12636	0.037	0.3689	\$ 34 Decachlorobiphenyl
7.752	8747933	351189	0.040	9.5546	
=====				=====	
	91584811	2744352		100.000	

Total unknown % area = 52.0

Data File: \\Target1.ctv\\files\\chem\\GC\\hp5890-4.1\\CD4640.5\\C4640003.d\\C4640003.RAW
Injection Date: 14-AUG-2007 16:07
Instrument: hp5890-4.1
Client Sample ID: AR16602 0.1mg

PE TurboChrom C4640003.RAW: -0.042 to 10.476 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640004.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 14-AUG-2007 16:25
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	11712078	0.02500	0.0261(M)
2 Aroclor 1016	1.379	1.379	0.000	3005856	0.20000	0.204(M)
25 Aroclor 1260	4.870	4.870	0.000	3247542	0.20000	0.203(M)
\$ 34 Decachlorobiphenyl	7.750	7.750	0.000	21000228	0.05000	0.0517(M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640004.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 14-AUG-2007 16:25
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

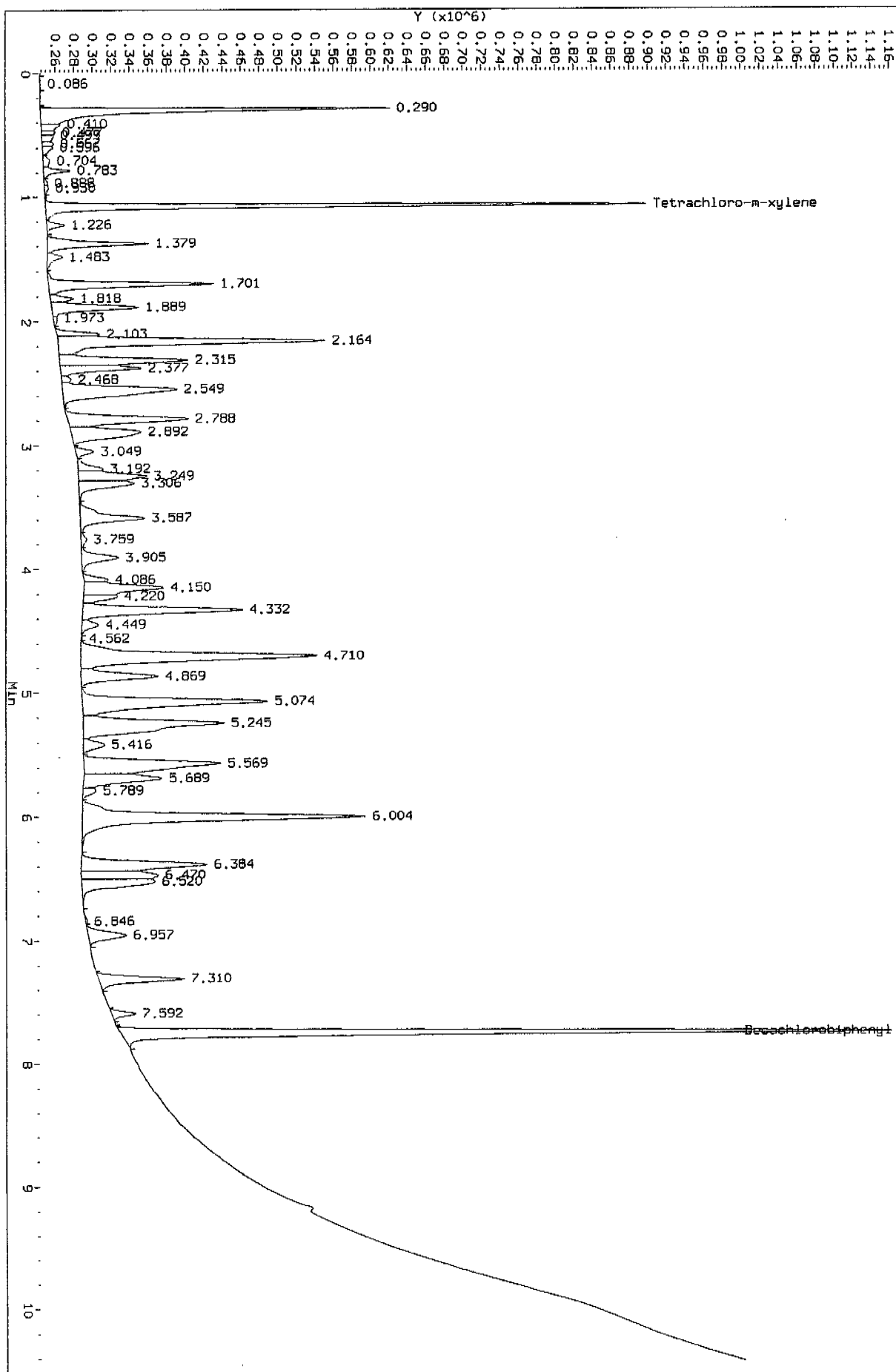
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.086	20479	535	0.026	0.0109	
0.290	8648374	378027	0.044	4.6368	
0.410	574286	20666	0.036	0.3079	
0.477	281348	14669	0.052	0.1508	
0.499	334367	12635	0.038	0.1792	
0.567	254831	12121	0.048	0.1366	
0.596	324452	11468	0.035	0.1739	
0.704	302250	7109	0.024	0.1620	
0.783	642716	28787	0.045	0.3445	
0.888	84929	3629	0.043	0.0455	
0.930	127429	4134	0.032	0.0683	
1.076	11712079	650125	0.056	6.2795	\$ 1 Tetrachloro-m-xylene
1.226	466330	19200	0.041	0.2500	
1.379	3005856	109696	0.036	1.6116	2 Aroclor 1016
1.483	561889	16670	0.030	0.3012	
1.620	0	0	---	0.0000	
1.701	4858253	177938	0.037	2.6047	2 Aroclor 1016
1.818	631133	25053	0.040	0.3383	
1.889	2953839	93648	0.032	1.5837	
1.973	152286	4302	0.028	0.0816	
2.103	983235	46082	0.047	0.5271	
2.164	9665013	288272	0.030	5.1819	2 Aroclor 1016
2.315	4347392	138595	0.032	2.3308	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.377	2557186	87329	0.034	1.3710	2 Aroclor 1016
2.468	280517	10669	0.038	0.1504	
2.549	5907158	123706	0.021	3.1671	
2.788	4811606	130003	0.027	2.5797	
2.892	3764359	75044	0.020	2.0182	
3.049	570597	19553	0.034	0.3059	
3.192	770852	27207	0.035	0.4132	
3.249	2591994	73996	0.029	1.3897	
3.306	2216327	59443	0.027	1.1882	
3.587	3011016	69433	0.023	1.6143	
3.759	283030	6216	0.022	0.1517	
3.905	1642223	39977	0.024	0.8804	
4.086	679853	26188	0.039	0.3645	
4.150	3443506	86164	0.025	1.8462	
4.220	1122857	36645	0.033	0.6020	
4.332	6016170	172696	0.029	3.2256	
4.449	663089	18128	0.027	0.3555	
4.562	30560	1478	0.048	0.0163	
4.710	11629970	254840	0.022	6.2354	
4.869	3247542	83031	0.026	1.7411	25 Aroclor 1260
4.924	0	0	---	0.0000	
5.074	8671554	200051	0.023	4.6493	25 Aroclor 1260
5.245	7973189	151955	0.019	4.2748	25 Aroclor 1260
5.416	930583	23302	0.025	0.4989	
5.569	7408349	148170	0.020	3.9720	
5.689	3586823	84358	0.024	1.9230	
5.789	489115	14089	0.029	0.2622	
5.850	0	0	---	0.0000	
6.004	13007138	306411	0.024	6.9738	25 Aroclor 1260
6.384	5504358	135488	0.025	2.9511	
6.470	2988616	83046	0.028	1.6023	
6.520	3368164	79179	0.024	1.8058	
6.846	55292	1817	0.033	0.0296	
6.957	1738636	41084	0.024	0.9321	
7.180	0	0	---	0.0000	
7.310	2931954	92792	0.032	1.5719	25 Aroclor 1260
7.592	685733	26113	0.038	0.3676	
7.750	21000228	832254	0.040	11.2624	\$ 34 Decachlorobiphenyl
=====		=====		=====	
	186512905	5685216		100.000	

Total unknown % area = 50.1

Data File: \\Target1.ct\\Files\\chem\\SC\\hp5890-4.1\\CD4640.b\\C4640004.d\\C4640004.RAW
Injection Date: 14-AUG-2007 16:25
Instrument: hp5890-4.1
Client Sample ID: AR16603 0.2mg

PE TurboChrom C4640004.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640005.d
Lab Smp Id: AR16604 0.4ng Client Smp ID: AR16604 0.4ng
Inj Date : 14-AUG-2007 16:42
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR16604 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	22062225	0.05000	0.0487
2 Aroclor 1016	1.378	1.379	-0.001	5336939	0.40000	0.362 (M)
25 Aroclor 1260	4.870	4.870	0.000	6332781	0.40000	0.396 (M)
\$ 34 Decachlorobiphenyl	7.750	7.750	0.000	38905179	0.10000	0.0955 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640005.d
Lab Smp Id: AR16604 0.4ng Client Smp ID: AR16604 0.4ng
Inj Date : 14-AUG-2007 16:42
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16604 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

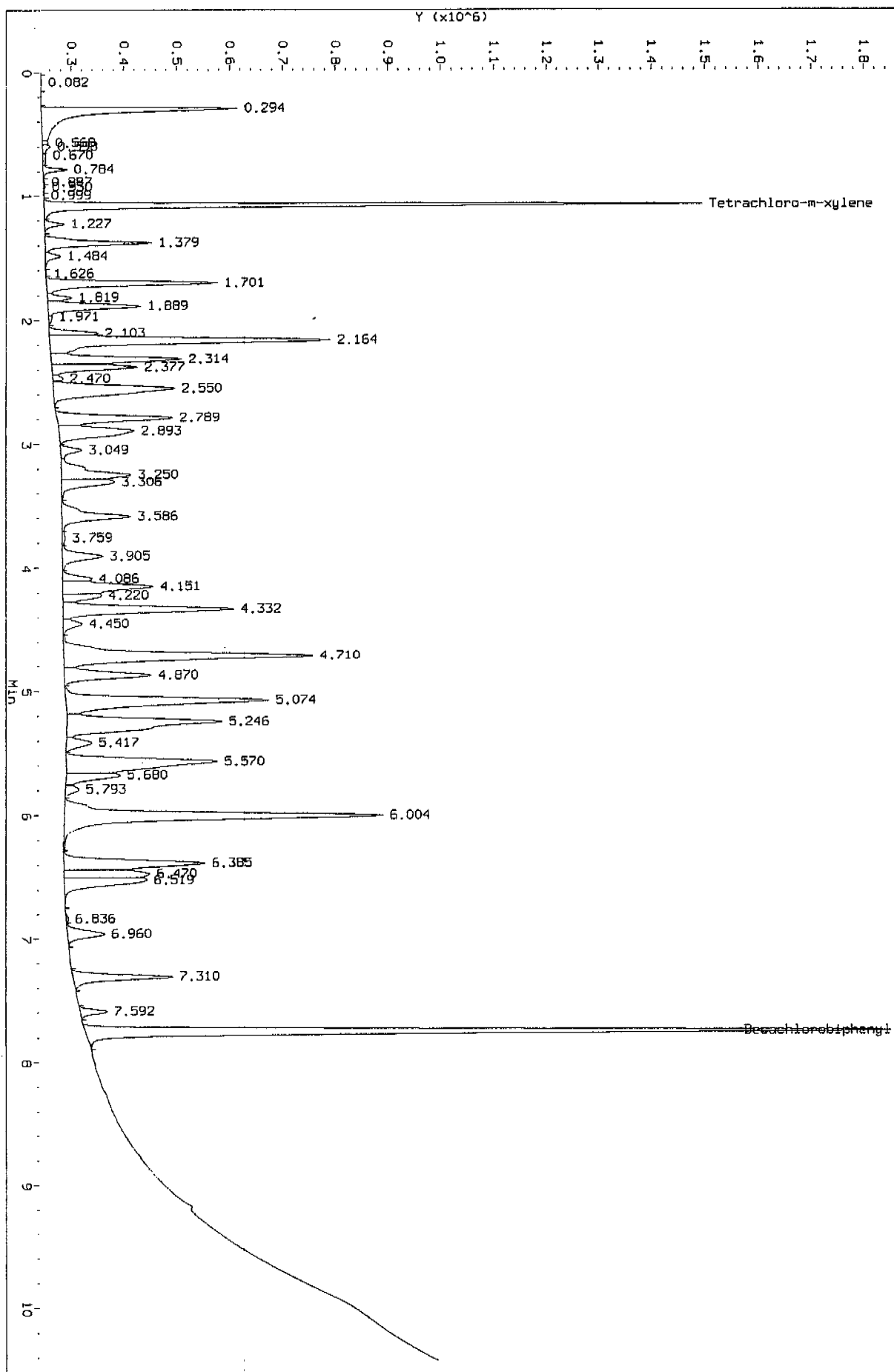
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	20286	518	0.026	0.0059	
0.294	11937012	371951	0.031	3.5146	
0.568	182416	10917	0.060	0.0537	
0.598	411224	15129	0.037	0.1210	
0.670	298120	6153	0.021	0.0877	
0.784	879288	44785	0.051	0.2588	
0.887	62403	2282	0.037	0.0183	
0.930	63523	2381	0.037	0.0187	
0.999	5449	379	0.070	0.0016	
1.076	22062226	1248291	0.057	6.4957	\$ 1 Tetrachloro-m-xylene
1.227	825254	36210	0.044	0.2429	
1.379	5336939	201802	0.038	1.5713	2 Aroclor 1016
1.484	783185	28633	0.037	0.2305	
1.626	32879	1593	0.048	0.0096	
1.701	8477711	323900	0.038	2.4960	2 Aroclor 1016
1.819	1122585	45639	0.041	0.3305	
1.889	5437895	175948	0.032	1.6010	
1.971	235618	6885	0.029	0.0693	
2.103	1902117	91946	0.048	0.5600	
2.164	18095777	530291	0.029	5.3279	2 Aroclor 1016
2.314	7702089	246776	0.032	2.2677	2 Aroclor 1016
2.377	4702953	162233	0.034	1.3846	2 Aroclor 1016
2.470	501173	19765	0.039	0.1475	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.550	10868761	229273	0.021	3.2000	
2.789	7606089	218132	0.029	2.2394	
2.893	6988233	142027	0.020	2.0575	
3.049	1247195	39688	0.032	0.3672	
3.250	5800649	132308	0.023	1.7078	
3.306	3746998	100895	0.027	1.1032	
3.586	5527485	129983	0.024	1.6274	
3.759	292491	5981	0.020	0.0861	
3.905	3088571	76533	0.025	0.9093	
4.086	1501339	55429	0.037	0.4420	
4.151	6848789	171497	0.025	2.0164	
4.220	2335477	73507	0.031	0.6876	
4.332	11362973	323565	0.028	3.3456	
4.450	1358332	36280	0.027	0.3999	
4.710	21770644	471768	0.022	6.4099	
4.870	6332781	164427	0.026	1.8645	25 Aroclor 1260
5.074	16614274	384136	0.023	4.8917	25 Aroclor 1260
5.246	15455538	293746	0.019	4.5505	25 Aroclor 1260
5.417	1974765	48369	0.024	0.5814	
5.570	14924234	286834	0.019	4.3941	
5.680	3749326	102380	0.027	1.1039	
5.793	930559	25282	0.027	0.2739	
6.004	25738670	604514	0.023	7.5782	25 Aroclor 1260
6.385	10838201	268355	0.025	3.1910	
6.470	5655147	162005	0.029	1.6650	
6.519	6798145	157144	0.023	2.0015	
6.836	159116	4614	0.029	0.0468	
6.960	2868584	70394	0.025	0.8445	
7.310	5908434	189430	0.032	1.7396	25 Aroclor 1260
7.592	1363698	51548	0.038	0.4015	
7.750	38905180	1524072	0.039	11.4578	\$ 34 Decachlorobiphenyl
	339638795	10118523		100.000	

Total unknown % area = 48.4

Data File: \\Target1-ctv\files\chem\GC\hp5890-4.1\CD4640.b\CD4640005.d\CD4640005.RAW
Injection Date: 14-AUG-2007 16:42
Instrument: hp5890-4.1
Client Sample ID: AR16604 0.4mg

PE TurboChrom CD4640005.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640006.d
Lab Smp Id: AR16605 0.8ng Client Smp ID: AR16605 0.8ng
Inj Date : 14-AUG-2007 17:00
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16605 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.075	1.076	-0.001	41282981	0.10000	0.0910
2 Aroclor 1016	1.377	1.379	-0.002	9772726	0.80000	0.664 (M)
25 Aroclor 1260	4.870	4.870	0.000	12023946	0.80000	0.751 (M)
\$ 34 Decachlorobiphenyl	7.750	7.750	0.000	70889505	0.20000	0.174 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640006.d
Lab Smp Id: AR16605 0.8ng Client Smp ID: AR16605 0.8ng
Inj Date : 14-AUG-2007 17:00
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16605 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:31 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

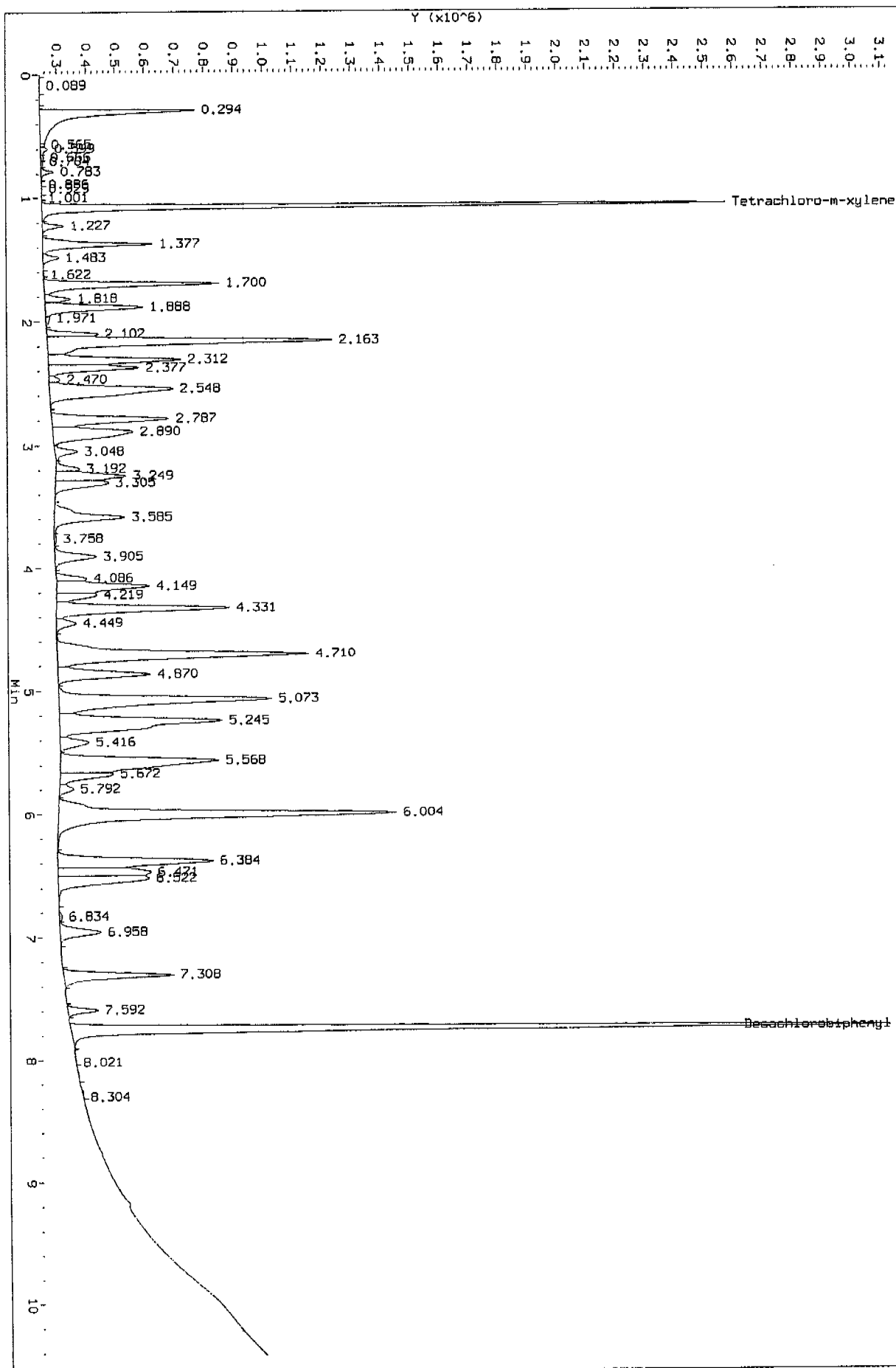
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.089	23507	538	0.023	0.0037	
0.294	18204727	527485	0.029	2.8935	
0.565	207481	14761	0.071	0.0329	
0.599	620146	25022	0.040	0.0985	
0.666	248162	10271	0.041	0.0394	
0.704	190123	7167	0.038	0.0302	
0.783	882292	42480	0.048	0.1402	
0.886	60980	2277	0.037	0.0096	
0.929	58901	2277	0.039	0.0093	
1.001	6448	512	0.079	0.0010	
1.076	41282982	2332992	0.057	6.5617	\$ 1 Tetrachloro-m-xylene
1.227	1592456	70846	0.044	0.2531	
1.377	9772727	374451	0.038	1.5533	2 Aroclor 1016
1.483	1404016	53941	0.038	0.2231	
1.622	25657	1344	0.052	0.0040	
1.700	15490697	595589	0.038	2.4621	2 Aroclor 1016
1.818	2127182	88135	0.041	0.3381	
1.888	10301661	334500	0.032	1.6374	
1.971	471558	13688	0.029	0.0749	
2.102	3679064	175162	0.048	0.5847	
2.163	33129061	969693	0.029	5.2657	2 Aroclor 1016
2.312	14013817	451474	0.032	2.2274	2 Aroclor 1016
2.377	8910678	308064	0.035	1.4163	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.470	933723	37241	0.040	0.1484	
2.548	20034707	420717	0.021	3.1844	
2.787	13971423	400628	0.029	2.2207	
2.890	13422543	273337	0.020	2.1334	
3.048	2374721	76578	0.032	0.3774	
3.192	2029552	80626	0.040	0.3225	
3.249	8166445	241158	0.030	1.2980	
3.305	6732956	182569	0.027	1.0701	
3.585	10161228	240955	0.024	1.6150	
3.758	326550	6721	0.021	0.0519	
3.905	5461521	141679	0.026	0.8680	
4.086	2690842	102887	0.038	0.4277	
4.149	12294059	316400	0.026	1.9540	
4.219	4427500	136916	0.031	0.7037	
4.331	20481176	588226	0.029	3.2554	
4.449	2431651	67321	0.028	0.3865	
4.710	39766578	855939	0.022	6.3207	
4.870	12023946	315991	0.026	1.9111	25 Aroclor 1260
5.073	31790396	725341	0.023	5.0529	25 Aroclor 1260
5.245	29877439	554395	0.019	4.7489	25 Aroclor 1260
5.416	3914682	97477	0.025	0.6222	
5.568	28465429	540269	0.019	4.5244	
5.672	6090771	181325	0.030	0.9681	
5.792	1715872	47888	0.028	0.2727	
6.004	49287135	1152742	0.023	7.8340	25 Aroclor 1260
6.384	21350934	530757	0.025	3.3936	
6.471	11643042	319100	0.027	1.8506	
6.522	12956964	312451	0.024	2.0594	
6.834	367221	9992	0.027	0.0583	
6.958	5605018	139425	0.025	0.8908	
7.308	11820164	376950	0.032	1.8787	25 Aroclor 1260
7.592	2717484	103916	0.038	0.4319	
7.750	70889506	2789643	0.039	11.2705	\$ 34 Decachlorobiphenyl
8.021	107441	1385	0.013	0.0170	
8.304	107009	1526	0.014	0.0170	
				=====	
				629141944	18773140
				=====	
				100.000	

Total unknown % area = 47.8

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.D\\C4640006.d\\C4640006.RAW
Injection Date: 14-AUG-2007 17:00
Instrument: hp5890-4.1
Client Sample ID: AR1605 0.8ng

PE Turbochrom C4640006.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640007.d
Lab Smp Id: AR12212 0.2ng Client Smp ID: AR12212 0.2ng
Inj Date : 14-AUG-2007 17:17
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12212 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1221.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	5314227	0.01000	0.0117
6 Aroclor 1221	1.226	1.226	0.000	1413177	0.20000	0.200 (M)
\$ 34 Decachlorobiphenyl	7.753	7.749	0.004	9088903	0.02000	0.0209 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640007.d
Lab Smp Id: AR12212 0.2ng Client Smp ID: AR12212 0.2ng
Inj Date : 14-AUG-2007 17:17
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12212 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1221.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

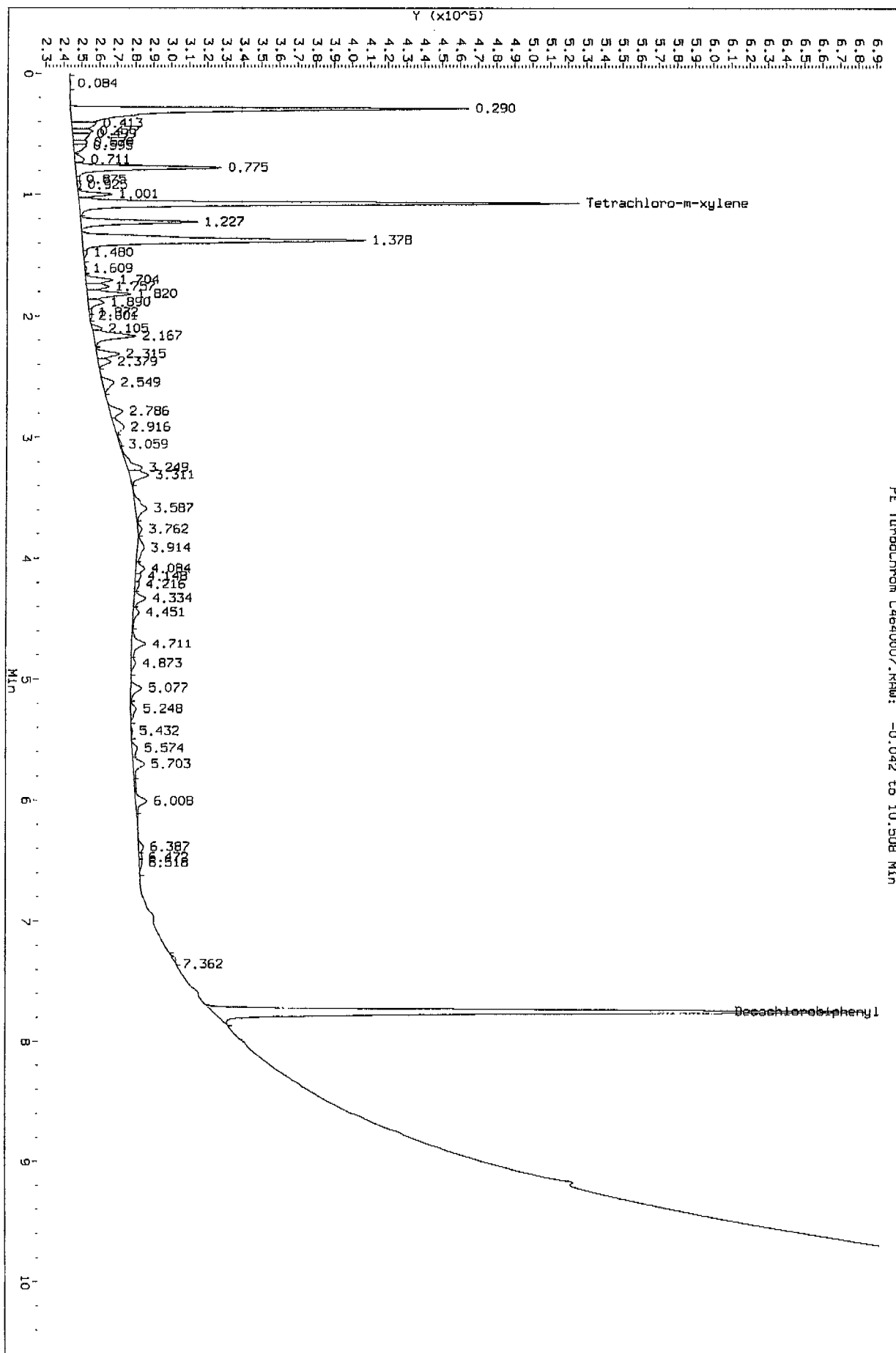
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.084	21387	584	0.027	0.0567	
0.290	5110243	221239	0.043	13.5604	
0.413	396735	13621	0.034	1.0527	
0.477	223861	11547	0.052	0.5940	
0.499	274918	9634	0.035	0.7295	
0.570	149909	7653	0.051	0.3977	
0.595	209422	7171	0.034	0.5557	
0.711	166182	5180	0.031	0.4409	
0.775	1789244	81165	0.045	4.7478	
0.875	39134	1639	0.042	0.1038	
0.925	58416	2045	0.035	0.1550	
1.001	384255	18813	0.049	1.0196	
1.077	5314227	277630	0.052	14.1016	\$ 1 Tetrachloro-m-xylene
1.227	1413178	65128	0.046	3.7499	6 Aroclor 1221
1.378	4398327	156998	0.036	11.6712	6 Aroclor 1221
1.480	60207	2030	0.034	0.1597	
1.609	28025	1001	0.036	0.0743	
1.704	379916	14938	0.039	1.0081	6 Aroclor 1221
1.757	331551	12483	0.038	0.8797	6 Aroclor 1221
1.820	681112	24248	0.036	1.8073	6 Aroclor 1221
1.890	266147	8688	0.033	0.7062	
1.972	37730	1487	0.039	0.1001	
2.001	30888	1241	0.040	0.0819	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.105	117961	5408	0.046	0.3130	
2.167	767555	23208	0.030	2.0367	
2.315	359331	12429	0.035	0.9535	
2.379	205701	7137	0.035	0.5458	
2.549	284743	6548	0.023	0.7555	
2.786	283546	7142	0.025	0.7524	
2.916	285196	5378	0.019	0.7567	
3.059	44864	1132	0.025	0.1190	
3.249	366231	8341	0.023	0.9718	
3.311	423297	10576	0.025	1.1232	
3.587	405663	6407	0.016	1.0764	
3.762	96031	2292	0.024	0.2548	
3.914	271350	3634	0.013	0.7200	
4.084	189938	4845	0.026	0.5040	
4.148	108175	3040	0.028	0.2870	
4.216	95198	2308	0.024	0.2526	
4.334	254993	6430	0.025	0.6766	
4.451	163762	3252	0.020	0.4345	
4.711	417773	7839	0.019	1.1085	
4.873	121179	2578	0.021	0.3215	
5.077	265522	6014	0.023	0.7045	
5.248	160909	3086	0.019	0.4269	
5.432	37251	782	0.021	0.0988	
5.574	151726	2999	0.020	0.4026	
5.703	291202	6168	0.021	0.7727	
6.008	332593	6195	0.019	0.8825	
6.387	174343	2748	0.016	0.4626	
6.472	46068	1489	0.032	0.1222	
6.518	67037	1364	0.020	0.1778	
7.362	41978	0	0.000	0.1113	
7.753	9088904	360573	0.040	24.1208	\$ 34 Decachlorobiphenyl
	37685030	1467505		100.000	

Total unknown % area = 42.7

Data File: \\Target1.ct\Files\chem\GC\mp5890-4.1\CD4640.b\CD4640007.d\CD4640007.RAW
Injection Date: 14-Aug-2007 17:17
Instrument: mp5890-4.1
Client Sample ID: AR12212 0.2mg

PE TurboChrom C4640007.RAW: -0.042 to 10.508 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640008.d
Lab Smp Id: AR12322 0.1ng Client Smp ID: AR12322 0.1ng
Inj Date : 14-AUG-2007 17:35
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12322 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1232.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.077	0.001	4902491	0.01000	0.0107
5 Aroclor 1232	1.381	1.381	0.000	1866458	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	7.751	7.749	0.002	10840639	0.02000	0.0258 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640008.d
Lab Smp Id: AR12322 0.1ng Client Smp ID: AR12322 0.1ng
Inj Date : 14-AUG-2007 17:35
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12322 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1232.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

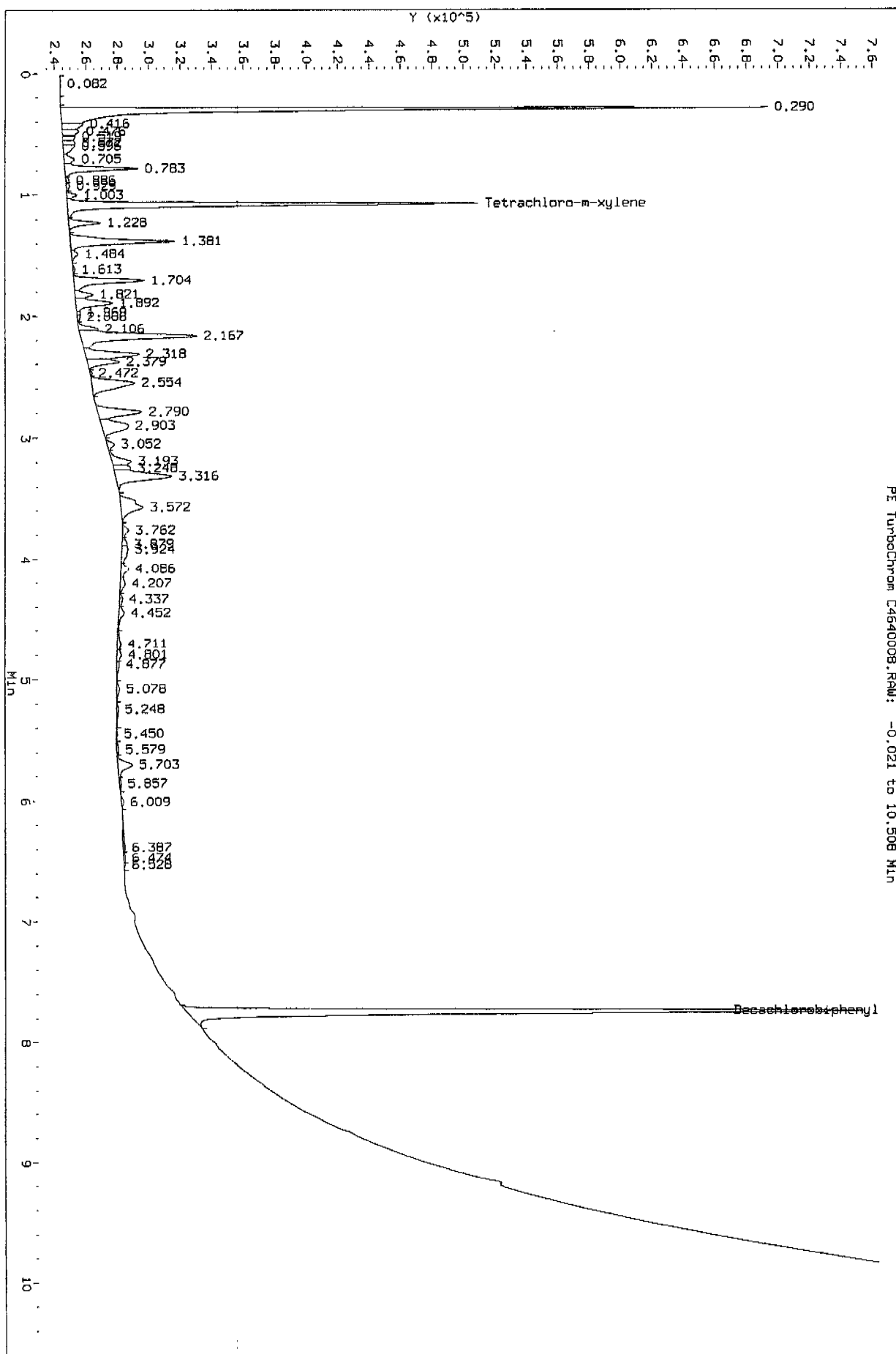
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	21992	488	0.022	0.0486	
0.290	8085226	450657	0.056	17.8893	
0.416	393769	13779	0.035	0.8712	
0.476	282821	10804	0.038	0.6257	
0.519	179012	8024	0.045	0.3960	
0.572	159152	7829	0.049	0.3521	
0.596	227079	7409	0.033	0.5024	
0.705	217775	6605	0.030	0.4818	
0.783	1043062	46828	0.045	2.3078	
0.886	56352	2111	0.037	0.1246	
0.929	67663	2325	0.034	0.1497	
1.003	138029	6374	0.046	0.3054	
1.079	4902492	261824	0.053	10.8472	\$ 1 Tetrachloro-m-xylen
1.228	468130	20060	0.043	1.0357	
1.381	1866459	66693	0.036	4.1297	5 Aroclor 1232
1.484	131332	4213	0.032	0.2905	
1.613	46055	1345	0.029	0.1019	
1.704	1278162	45050	0.035	2.8280	5 Aroclor 1232
1.765	0	0	---	0.0000	
1.821	300836	11624	0.039	0.6656	
1.892	772714	23527	0.030	1.7097	
1.969	39150	2176	0.056	0.0866	
2.006	53193	1924	0.036	0.1176	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.106	259390	12326	0.048	0.5739	
2.167	2551078	74026	0.029	5.6444	5 Aroclor 1232
2.318	1089929	34577	0.032	2.4115	5 Aroclor 1232
2.379	579005	20519	0.035	1.2811	5 Aroclor 1232
2.472	26112	1179	0.045	0.0577	
2.554	1239634	27477	0.022	2.7428	
2.790	1051750	28423	0.027	2.3270	
2.903	918968	17342	0.019	2.0333	
3.052	145999	4736	0.032	0.3230	
3.193	422371	12303	0.029	0.9345	
3.248	255768	10922	0.043	0.5659	
3.316	1524301	35745	0.023	3.3726	
3.572	870122	14305	0.016	1.9252	
3.762	157415	4066	0.026	0.3482	
3.879	111481	3371	0.030	0.2466	
3.924	269028	4039	0.015	0.5952	
4.086	208917	5058	0.024	0.4622	
4.207	167757	3111	0.019	0.3711	
4.337	87578	1851	0.021	0.1937	
4.452	192902	3524	0.018	0.4268	
4.711	155773	2642	0.017	0.3446	
4.801	131713	2995	0.023	0.2914	
4.877	90194	1586	0.018	0.1995	
5.078	109456	1945	0.018	0.2421	
5.248	98046	1276	0.013	0.2169	
5.450	36939	652	0.018	0.0817	
5.579	61566	1200	0.019	0.1362	
5.703	424241	9300	0.022	0.9386	
5.857	53795	931	0.017	0.1190	
6.009	63876	1583	0.025	0.1413	
6.387	188184	1613	0.009	0.4163	
6.474	58956	1202	0.020	0.1304	
6.528	22505	781	0.035	0.0497	
7.752	10840639	431502	0.040	23.9885	\$ 34 Decachlorobiphenyl
	=====	=====		=====	
	45195838	1779777		100.000	

Total unknown % area = 48.9

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\CD4640008.D\CD4640008.RAW
Injection Date: 14-AUG-2007 17:35
Instrument: hp5890-4.1
Client Sample ID: AR12322 0.1mg

PE TurboChrom C4640008.RAW: -0.021 to 10.508 MIN



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640009.d
Lab Smp Id: AR12421 0.05ng Client Smp ID: AR12421 0.05ng
Inj Date : 14-AUG-2007 17:52
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12421 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.076	0.002	2202794	0.00500	0.00490
8 Aroclor 1242	1.381	1.379	0.002	688337	0.05000	0.0551(M)
\$ 34 Decachlorobiphenyl	7.753	7.750	0.003	4308840	0.01000	0.0106(M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640009.d
Lab Smp Id: AR12421 0.05ng Client Smp ID: AR12421 0.05ng
Inj Date : 14-AUG-2007 17:52
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12421 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

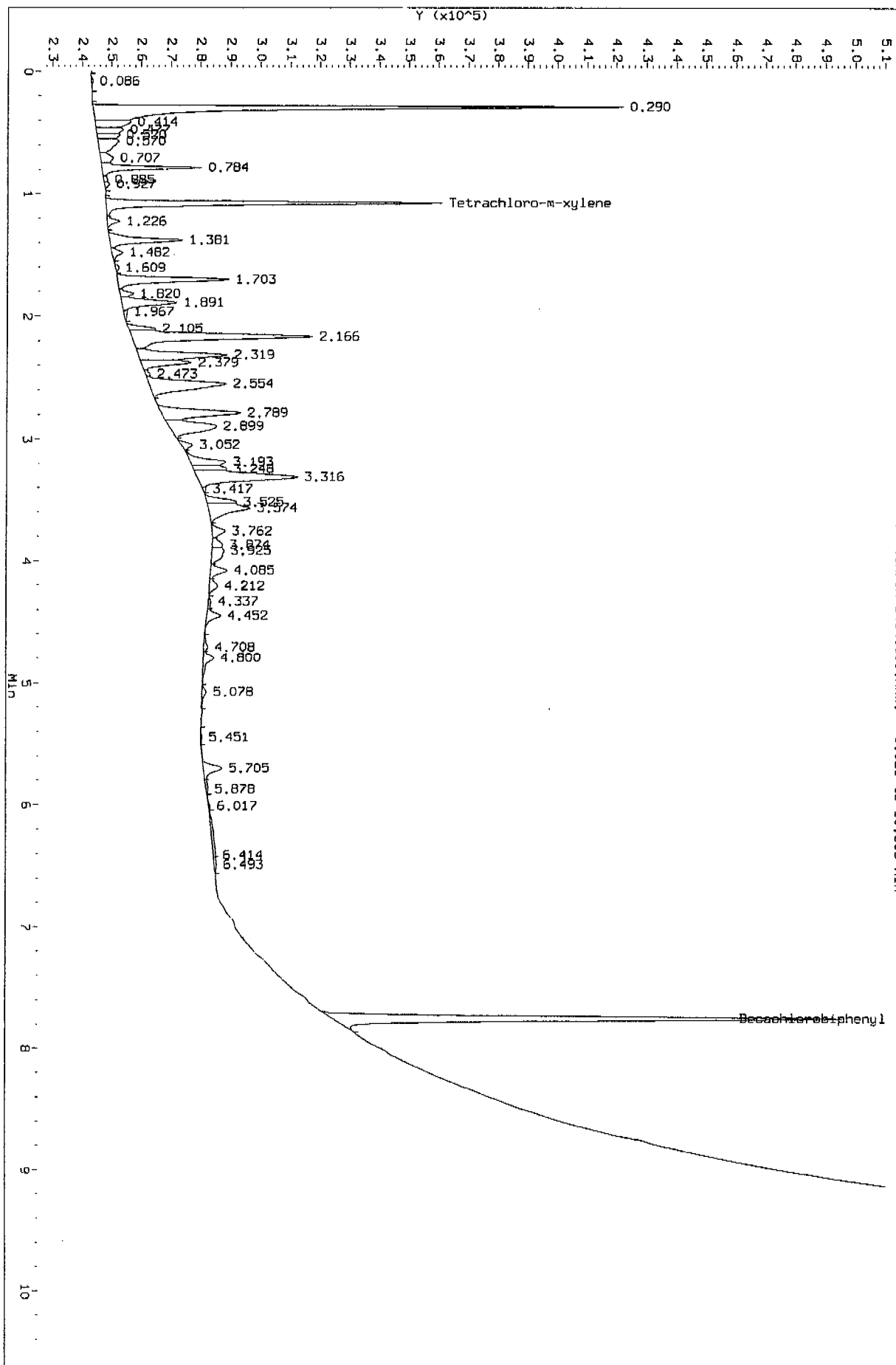
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.086	22793	553	0.024	0.0841	
0.290	3919004	178831	0.046	14.4748	
0.414	379637	12222	0.032	1.4021	
0.477	237447	9138	0.038	0.8770	
0.520	179747	7723	0.043	0.6638	
0.570	347083	7207	0.021	1.2819	
0.707	177608	4373	0.025	0.6559	
0.784	660056	33714	0.051	2.4379	
0.885	37474	1397	0.037	0.1384	
0.927	47613	1728	0.036	0.1758	
1.078	2202795	113328	0.051	8.1360	\$ 1 Tetrachloro-m-xylen
1.226	114277	4325	0.038	0.4220	
1.381	688337	24563	0.036	2.5423	8 Aroclor 1242
1.482	114332	3639	0.032	0.4222	
1.609	41823	1227	0.029	0.1544	
1.703	999150	37490	0.038	3.6903	8 Aroclor 1242
1.820	114025	4631	0.041	0.4211	
1.891	595577	18624	0.031	2.1997	
1.967	43602	1273	0.029	0.1610	
2.105	183088	9035	0.049	0.6762	
2.166	2071382	60715	0.029	7.6506	8 Aroclor 1242
2.319	956165	29756	0.031	3.5315	8 Aroclor 1242
2.379	469847	16810	0.036	1.7353	8 Aroclor 1242
2.473	40022	1580	0.039	0.1478	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.554	1193199	25854	0.022	4.4070	
2.789	992847	26457	0.027	3.6670	
2.899	825355	15893	0.019	3.0484	
3.052	104571	3682	0.035	0.3862	
3.193	396320	11874	0.030	1.4638	
3.248	259982	11042	0.042	0.9602	
3.316	1444063	33659	0.023	5.3336	
3.417	23130	1012	0.044	0.0854	
3.525	253379	9929	0.039	0.9358	
3.574	663305	13941	0.021	2.4499	
3.762	166572	4347	0.026	0.6152	
3.874	119256	3419	0.029	0.4404	
3.925	254566	4110	0.016	0.9402	
4.085	198967	5495	0.028	0.7348	
4.212	121268	2688	0.022	0.4479	
4.337	41332	853	0.021	0.1526	
4.452	194867	4611	0.024	0.7197	
4.708	66601	1316	0.020	0.2459	
4.800	184050	3491	0.019	0.6797	
5.078	77449	1475	0.019	0.2860	
5.451	26146	508	0.019	0.0965	
5.705	272847	6153	0.023	1.0077	
5.878	39361	571	0.015	0.1453	
6.017	20960	470	0.022	0.0774	
6.414	138183	782	0.006	0.5103	
6.493	44328	597	0.013	0.1637	
7.753	4308840	171702	0.040	15.9173	\$ 34 Decachlorobiphenyl
	27074624	949813		100.000	

Total unknown % area = 56.8

Data File: \\Target1.ct\Files\chem\EC\hp5890-4.1\CD4640.b\CD4640009.d\CD4640009.RAW
Injection Date: 14-AUG-2007 17:52
Instrument: hp5890-4.1
Client Sample ID: AR12421 0.05ng

PE TurboChrom C4640009.RAW: -0.021 to 10.508 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640010.d
Lab Smp Id: AR12422 0.1ng Client Smp ID: AR12422 0.1ng
Inj Date : 14-AUG-2007 18:10
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12422 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 18:10 Cal File: C4640010.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.076	0.002	4798748	0.01000	0.0107 (M)
8 Aroclor 1242	1.381	1.379	0.002	1481435	0.10000	0.119 (M)
\$ 34 Decachlorobiphenyl	7.753	7.751	0.002	8744999	0.02000	0.0215 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640010.d
Lab Smp Id: AR12422 0.1ng Client Smp ID: AR12422 0.1ng
Inj Date : 14-AUG-2007 18:10
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12422 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 18:10 Cal File: C4640010.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

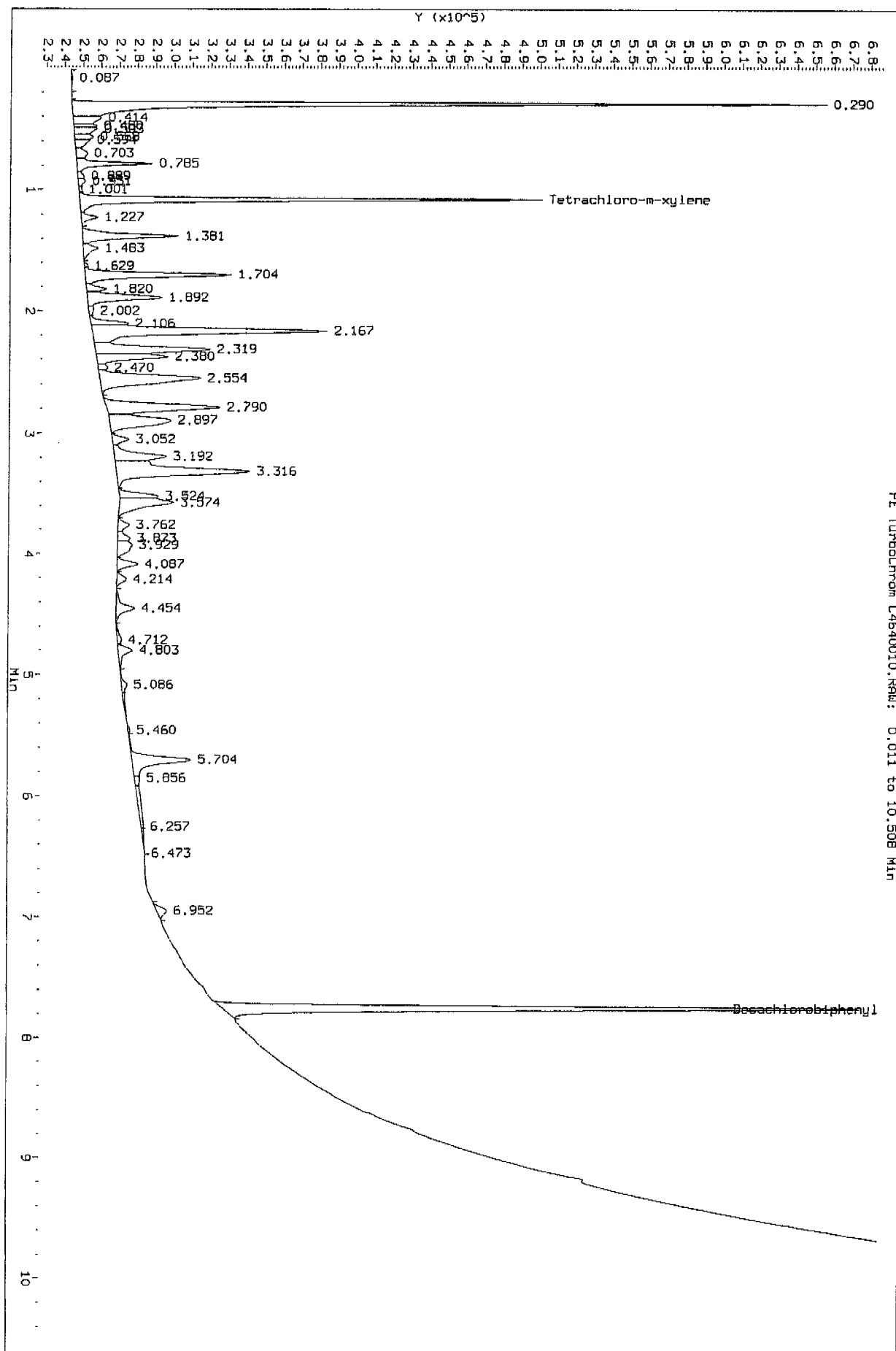
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.087	27506	606	0.022	0.0481	
0.290	7743174	412415	0.053	13.5488	
0.414	473882	15286	0.032	0.8291	
0.480	202316	12616	0.062	0.3540	
0.503	352830	12679	0.036	0.6173	
0.568	230484	10137	0.044	0.4032	
0.594	244867	8319	0.034	0.4284	
0.703	251385	6210	0.025	0.4398	
0.785	859680	41478	0.048	1.5042	
0.889	90400	3498	0.039	0.1581	
0.931	114800	3784	0.033	0.2008	
1.001	42056	1649	0.039	0.0735	
1.078	4798749	253038	0.053	8.3967	\$ 1 Tetrachloro-m-xylene
1.227	239062	9051	0.038	0.4183	
1.381	1481435	52581	0.035	2.5921	8 Aroclor 1242
1.483	297812	8087	0.027	0.5211	
1.629	36568	1801	0.049	0.0639	
1.704	2200322	80057	0.036	3.8500	8 Aroclor 1242
1.820	274272	10839	0.040	0.4799	
1.892	1318903	41061	0.031	2.3077	
2.002	104841	2447	0.023	0.1834	
2.106	453421	20612	0.045	0.7933	
2.167	4457428	128626	0.029	7.7995	8 Aroclor 1242
2.319	2058252	63172	0.031	3.6014	8 Aroclor 1242

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.380	1164520	39300	0.034	2.0376	8 Aroclor 1242
2.470	138014	5201	0.038	0.2414	
2.554	2614685	55357	0.021	4.5751	
2.790	2386568	62417	0.026	4.1759	
2.897	1732133	33620	0.019	3.0308	
3.052	295497	9374	0.032	0.5170	
3.192	1116504	28622	0.026	1.9536	
3.316	3499127	73052	0.021	6.1227	
3.524	546911	21024	0.038	0.9569	
3.574	1357926	29497	0.022	2.3760	
3.762	251381	6355	0.025	0.4398	
3.873	243554	6886	0.028	0.4261	
3.929	483219	8218	0.017	0.8455	
4.087	384226	11393	0.030	0.6723	
4.214	212118	5259	0.025	0.3711	
4.454	493113	10259	0.021	0.8628	
4.712	135511	2385	0.018	0.2371	
4.803	353754	7735	0.022	0.6189	
5.086	156840	3009	0.019	0.2744	\$ 34 Decachlorobiphenyl
5.460	138037	1108	0.008	0.2415	
5.704	1545823	32300	0.021	2.7048	
5.856	120382	2809	0.023	0.2106	
6.257	378877	1344	0.004	0.6629	
6.473	72717	56	0.001	0.1272	
6.952	228992	5477	0.024	0.4006	
7.753	8744999	347734	0.040	15.3048	
=====				=====	
	57149871	2009840		100.000	

Total unknown % area = 56.4

Data File: \\Target1.c\Files\chem\GC\hp5890-4.1\CD4640.h\CD4640010.d\CD4640010.RAW
Injection Date: 14-AUG-2007 18:10
Instrument: hp5890-4.1
Client Sample ID: AR12422 0.1mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640011.d
Lab Smp Id: AR12423 0.2ng Client Smp ID: AR12423 0.2ng
Inj Date : 14-AUG-2007 18:27
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12423 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.077	-0.001	11078201	0.02500	0.0250
8 Aroclor 1242	1.379	1.379	0.000	2425596	0.20000	0.194(M)
\$ 34 Decachlorobiphenyl	7.751	7.751	0.000	20749426	0.05000	0.0512(M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640011.d
Lab Smp Id: AR12423 0.2ng Client Smp ID: AR12423 0.2ng
Inj Date : 14-AUG-2007 18:27
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12423 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

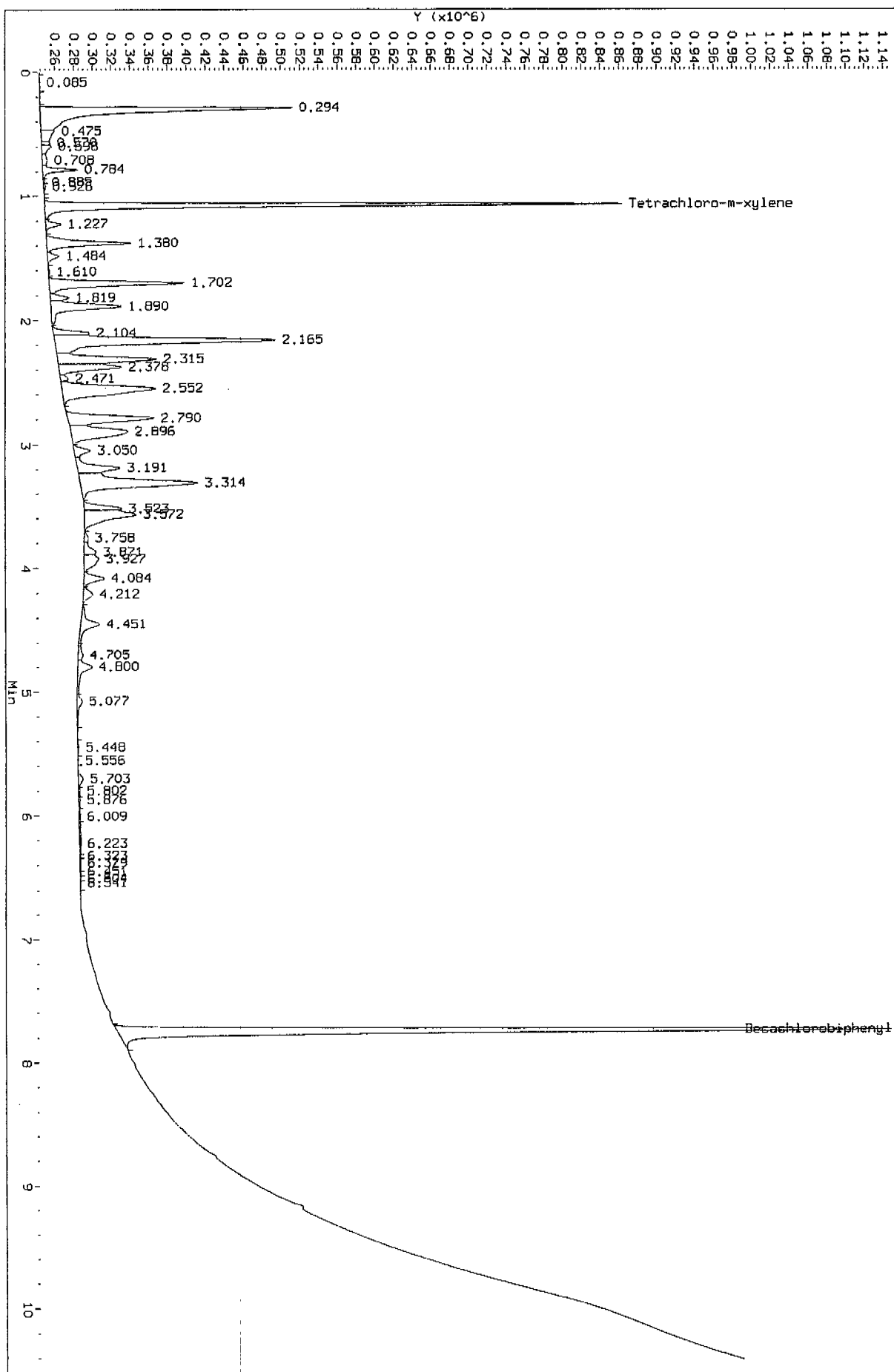
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.085	20198	547	0.027	0.0211	
0.294	8061819	268040	0.033	8.4471	
0.475	598202	14039	0.023	0.6267	
0.570	143249	8860	0.062	0.1500	
0.598	312612	10192	0.033	0.3275	
0.708	230362	5249	0.023	0.2413	
0.784	740613	37072	0.050	0.7760	
0.885	42550	1657	0.039	0.0445	
0.926	60731	1959	0.032	0.0636	
1.077	11078201	614920	0.056	11.6077	\$ 1 Tetrachloro-m-xylene
1.227	403715	16304	0.040	0.4230	
1.380	2425596	90151	0.037	2.5415	8 Aroclor 1242
1.484	326798	12174	0.037	0.3424	
1.610	42981	1298	0.030	0.0450	
1.702	3827275	144191	0.038	4.0102	8 Aroclor 1242
1.819	486431	19727	0.041	0.5096	
1.890	2575101	75560	0.029	2.6981	
2.104	805100	38347	0.048	0.8435	
2.165	8052721	234609	0.029	8.4376	8 Aroclor 1242
2.315	3358820	105912	0.032	3.5193	8 Aroclor 1242
2.378	1964762	67242	0.034	2.0586	8 Aroclor 1242
2.471	208199	8312	0.040	0.2181	
2.552	4792497	100345	0.021	5.0215	
2.790	3254956	92009	0.028	3.4105	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.896	3122267	61286	0.020	3.2715	
3.050	565965	17299	0.031	0.5930	
3.191	1679130	45921	0.027	1.7593	
3.314	5737350	125194	0.022	6.0115	
3.523	1058561	40281	0.038	1.1091	
3.572	2583944	55570	0.022	2.7074	
3.758	167371	4246	0.025	0.1753	
3.871	490133	12983	0.026	0.5135	
3.927	897152	16123	0.018	0.9400	
4.084	754368	22086	0.029	0.7904	
4.212	427100	9904	0.023	0.4475	
4.451	1097515	20541	0.019	1.1499	
4.705	305412	5163	0.017	0.3200	
4.800	818308	15441	0.019	0.8574	
5.077	378559	5833	0.015	0.3966	
5.448	48396	1334	0.028	0.0507	
5.556	9450	265	0.028	0.0099	
5.703	226735	5273	0.023	0.2375	
5.802	65024	1591	0.024	0.0681	
5.876	67384	1414	0.021	0.0706	
6.009	79610	1408	0.018	0.0834	
6.223	195803	1426	0.007	0.2051	
6.323	17782	978	0.055	0.0186	
6.379	50328	955	0.019	0.0527	
6.451	12646	566	0.045	0.0132	
6.504	9576	429	0.045	0.0100	
6.541	9286	296	0.032	0.0097	
7.752	20749426	822482	0.040	21.7437	\$ 34 Decachlorobiphenyl
	95438069	3265004		100.000	

Total unknown % area = 46.1

Data File: \\Target1.ct\Files\chem\GC\mp5890-4.1\CD4640.b\CD4640011.d\CD4640011.RAW
Injection Date: 14-AUG-2007 18:27
Instrument: mp5890-4.1
Client Sample ID: AR12423 0.2mg

PE TurboChrom CD4640011.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640012.d
Lab Smp Id: AR12424 0.4ng Client Smp ID: AR12424 0.4ng
Inj Date : 14-AUG-2007 18:45
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12424 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT	ON-COL
					(ug/mL)	(ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.077	-0.001	21983003	0.05000	0.0496
8 Aroclor 1242	1.379	1.379	0.000	4570590	0.40000	0.366 (M)
\$ 34 Decachlorobiphenyl	7.750	7.751	-0.001	38662728	0.10000	0.0955 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640012.d
Lab Smp Id: AR12424 0.4ng Client Smp ID: AR12424 0.4ng
Inj Date : 14-AUG-2007 18:45
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12424 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

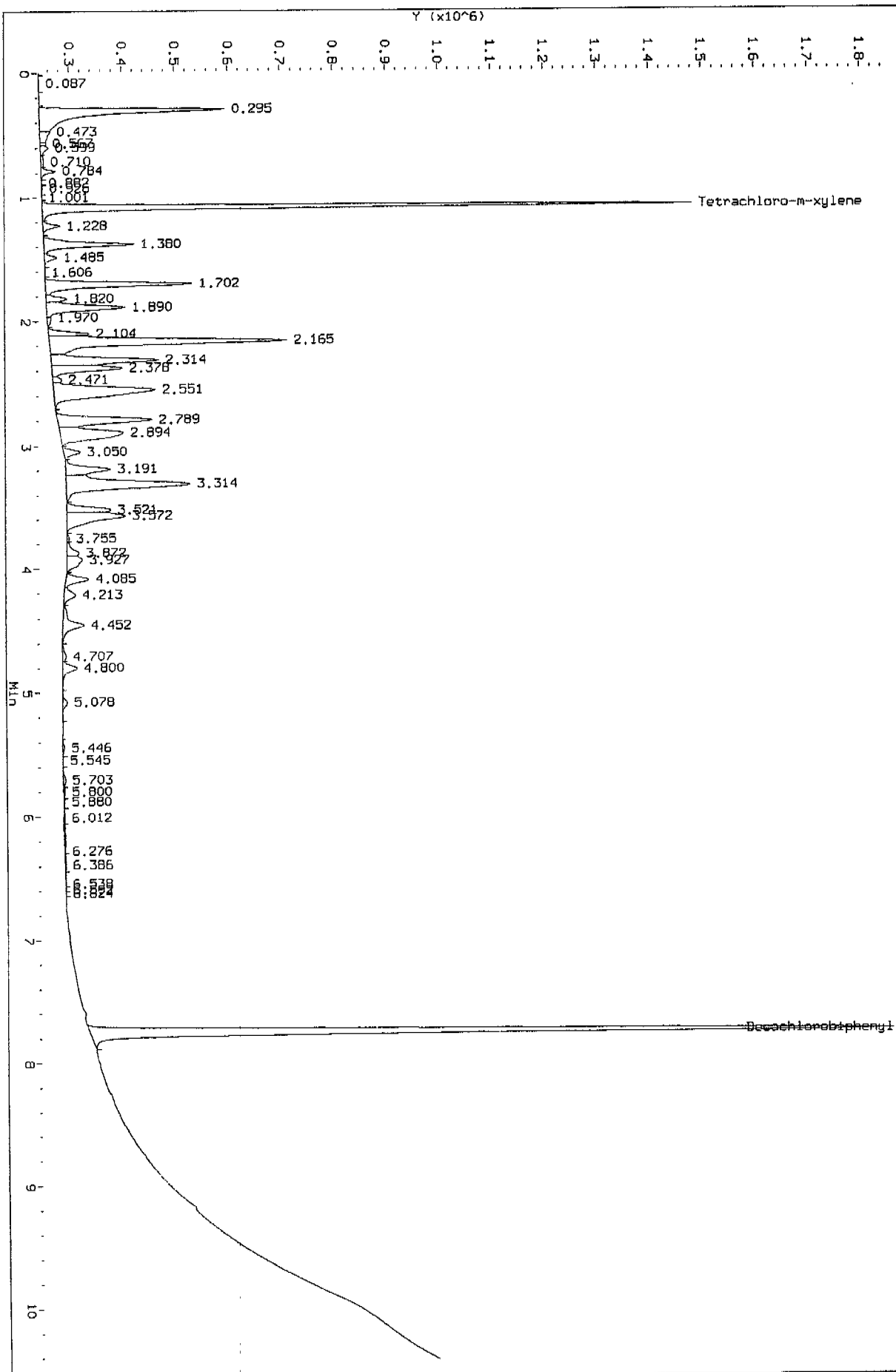
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.087	25096	604	0.024	0.0143	
0.295	11531342	352214	0.031	6.5751	
0.473	778707	19745	0.025	0.4440	
0.567	169994	11075	0.065	0.0969	
0.599	425679	15274	0.036	0.2427	
0.710	285178	6209	0.022	0.1626	
0.784	611496	27638	0.045	0.3486	
0.882	39315	1599	0.041	0.0224	
0.926	58806	2029	0.035	0.0335	
1.001	5656	342	0.060	0.0032	
1.077	21983004	1234536	0.056	12.5346	\$ 1 Tetrachloro-m-xylen
1.228	753947	32052	0.043	0.4298	
1.380	4570590	172118	0.038	2.6061	8 Aroclor 1242
1.485	622759	23862	0.038	0.3550	
1.606	40549	1287	0.032	0.0231	
1.702	7340034	278205	0.038	4.1852	8 Aroclor 1242
1.820	984859	39539	0.040	0.5615	
1.890	4746651	150057	0.032	2.7065	
1.970	264578	7599	0.029	0.1508	
2.104	1578067	77001	0.049	0.8998	
2.165	15483980	450275	0.029	8.8289	8 Aroclor 1242
2.314	6379311	204948	0.032	3.6374	8 Aroclor 1242
2.378	3965066	133912	0.034	2.2608	8 Aroclor 1242
2.471	429680	16810	0.039	0.2450	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.551	9244185	193645	0.021	5.2710	
2.789	6211794	179158	0.029	3.5419	
2.894	6052852	120449	0.020	3.4513	
3.050	918886	31568	0.034	0.5239	
3.191	2944933	85583	0.029	1.6791	
3.314	10609968	235123	0.022	6.0497	
3.521	2280491	83641	0.037	1.3003	
3.572	5085508	111412	0.022	2.8997	
3.755	150312	4329	0.029	0.0857	
3.872	843289	23097	0.027	0.4808	
3.927	1540742	29373	0.019	0.8785	
4.085	1456786	43849	0.030	0.8306	
4.213	957187	21405	0.022	0.5457	
4.452	2029816	40390	0.020	1.1573	
4.707	367436	7274	0.020	0.2095	
4.800	1127707	28028	0.025	0.6430	
5.078	416915	9238	0.022	0.2377	
5.446	173125	3491	0.020	0.0987	
5.545	54846	1149	0.021	0.0312	
5.703	234951	4826	0.021	0.1339	
5.800	126379	2730	0.022	0.0720	
5.880	68889	1649	0.024	0.0392	
6.012	150857	2470	0.016	0.0860	
6.276	329035	2078	0.006	0.1876	
6.386	160967	1958	0.012	0.0917	
6.538	74956	909	0.012	0.0427	
6.592	19535	620	0.032	0.0111	
6.624	8531	430	0.050	0.0048	
7.750	38662728	1524614	0.039	22.0476	\$ 34 Decachlorobiphenyl
	175377948	6053416		100.000	

Total unknown % area = 43.9

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\CD4640012.d\CD4640012.RAW
Injection Date: 14-AUG-2007 18:43
Instrument: hp5890-4.1
Client Sample ID: R812424 0.4mg

PE TurboChrom CD4640012.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640013.d
Lab Smp Id: AR12425 0.8ng Client Smp ID: AR12425 0.8ng
Inj Date : 14-AUG-2007 19:02
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12425 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds						AMOUNTS	
	RT	EXP RT	DLT RT	RESPONSE		CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.073	1.076	-0.003	39554293		0.10000	0.0899
8 Aroclor 1242	1.375	1.379	-0.004	8242295		0.80000	0.660 (M)
\$ 34 Decachlorobiphenyl	7.750	7.751	-0.001	69786252		0.20000	0.173 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640013.d
Lab Smp Id: AR12425 0.8ng Client Smp ID: AR12425 0.8ng
Inj Date : 14-AUG-2007 19:02
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12425 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:30 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1242.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

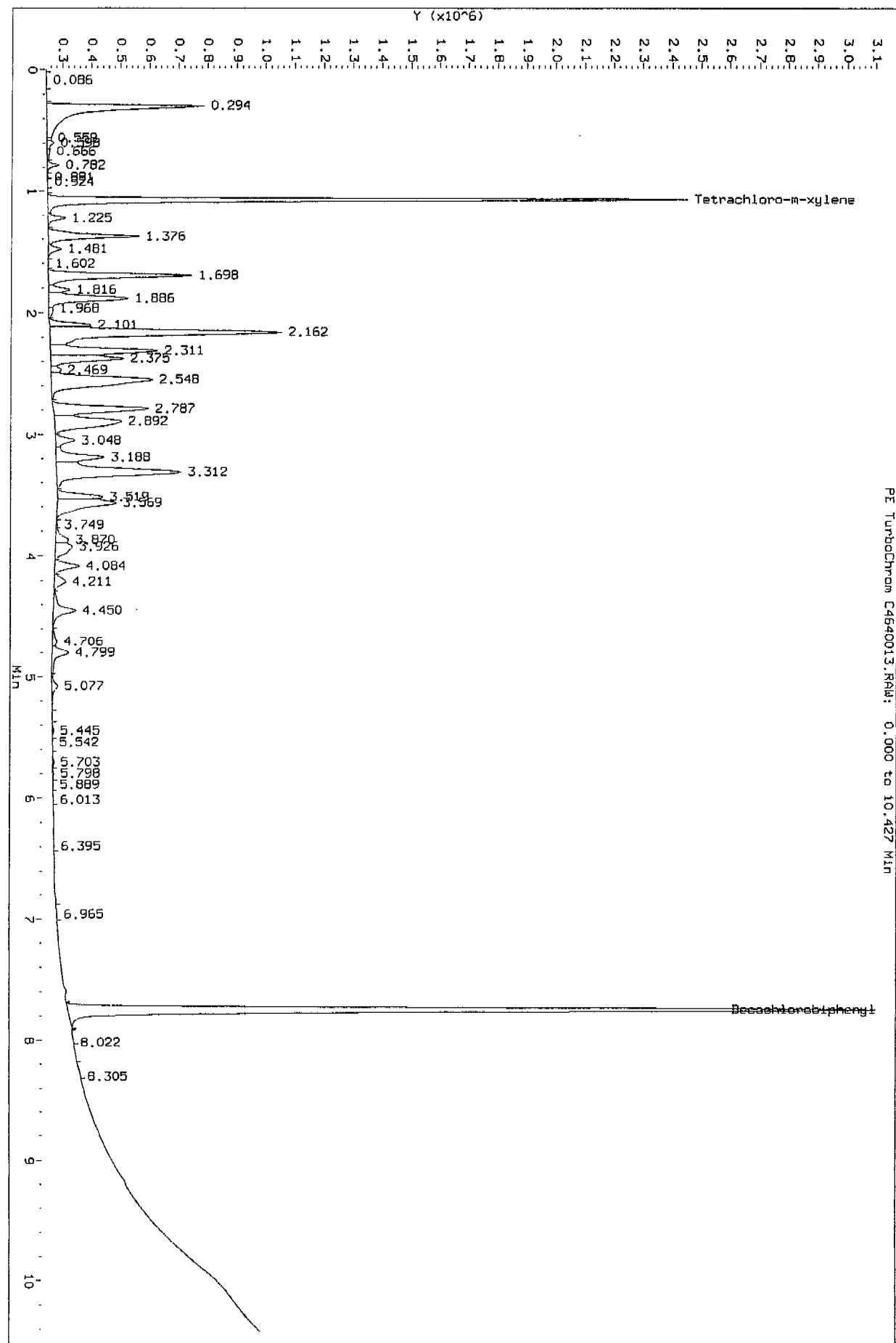
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.086	32139	750	0.023	0.0101	
0.294	19728448	545626	0.028	6.2241	
0.559	202111	15920	0.079	0.0637	
0.598	644392	24800	0.038	0.2033	
0.666	414438	9695	0.023	0.1307	
0.782	867480	40737	0.047	0.2736	
0.881	49705	1896	0.038	0.0156	
0.924	57099	2067	0.036	0.0180	
1.074	39554294	2207247	0.056	12.4790	\$ 1 Tetrachloro-m-xylene
1.225	1397491	60183	0.043	0.4408	
1.376	8242296	313565	0.038	2.6003	8 Aroclor 1242
1.481	1213637	44843	0.037	0.3828	
1.602	124396	3136	0.025	0.0392	
1.698	13058046	494741	0.038	4.1197	8 Aroclor 1242
1.816	1801348	73320	0.041	0.5683	
1.886	8677385	274356	0.032	2.7376	
1.968	561282	15044	0.027	0.1770	
2.101	3063450	143031	0.047	0.9664	
2.162	27707174	797674	0.029	8.7413	8 Aroclor 1242
2.311	11673024	369916	0.032	3.6827	8 Aroclor 1242
2.375	7323515	250452	0.034	2.3105	8 Aroclor 1242
2.469	932294	34934	0.037	0.2941	
2.548	17012209	348498	0.020	5.3672	
2.787	11407714	328489	0.029	3.5990	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.892	11539543	229720	0.020	3.6406	
3.048	2246189	66653	0.030	0.7086	
3.188	6014273	165938	0.028	1.8974	
3.312	19424484	428411	0.022	6.1282	
3.519	4220674	154880	0.037	1.3315	
3.569	9127139	201732	0.022	2.8795	
3.749	152128	5004	0.033	0.0479	
3.870	1642218	44665	0.027	0.5181	
3.926	3181687	58655	0.018	1.0037	
4.084	2902766	85225	0.029	0.9157	
4.211	1768840	39755	0.022	0.5580	
4.450	3822845	77096	0.020	1.2060	
4.706	748553	14805	0.020	0.2361	
4.799	2530527	55707	0.022	0.7983	
5.077	1219067	20814	0.017	0.3846	
5.445	184676	5062	0.027	0.0582	
5.542	33433	850	0.025	0.0105	
5.703	189536	5113	0.027	0.0597	
5.798	119291	3145	0.026	0.0376	
5.889	28000	772	0.028	0.0088	
6.013	41398	1150	0.028	0.0130	
6.395	50562	641	0.013	0.0159	
6.965	76039	2147	0.028	0.0239	
7.750	69786252	2776089	0.040	22.0196	\$ 34 Decachlorobiphenyl
8.022	84984	619	0.007	0.0268	
8.305	85118	983	0.012	0.0268	
	316965583	10846551		100.000	

Total unknown % area = 44.0

Data File: \\Target1.ctv\Files\chem\GC\hp5890-4.1\CD4640.b\CD4640013.D\CD4640013.RAW
Injection Date: 14-AUG-2007 19:02
Instrument: hp5890-4.1
Client Sample ID: AR12425 0.8mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640014.d
Lab Smp Id: AR12481 0.05ng Client Smp ID: AR12481 0.05ng
Inj Date : 14-AUG-2007 19:20
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12481 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: arl248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.076	0.002	2219742	0.00500	0.00502
11 Aroclor 1248	2.163	2.163	0.000	1434960	0.05000	0.0562 (M)
\$ 34 Decachlorobiphenyl	7.751	7.751	0.000	4553045	0.01000	0.0111 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640014.d
Lab Smp Id: AR12481 0.05ng Client Smp ID: AR12481 0.05ng
Inj Date : 14-AUG-2007 19:20
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12481 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

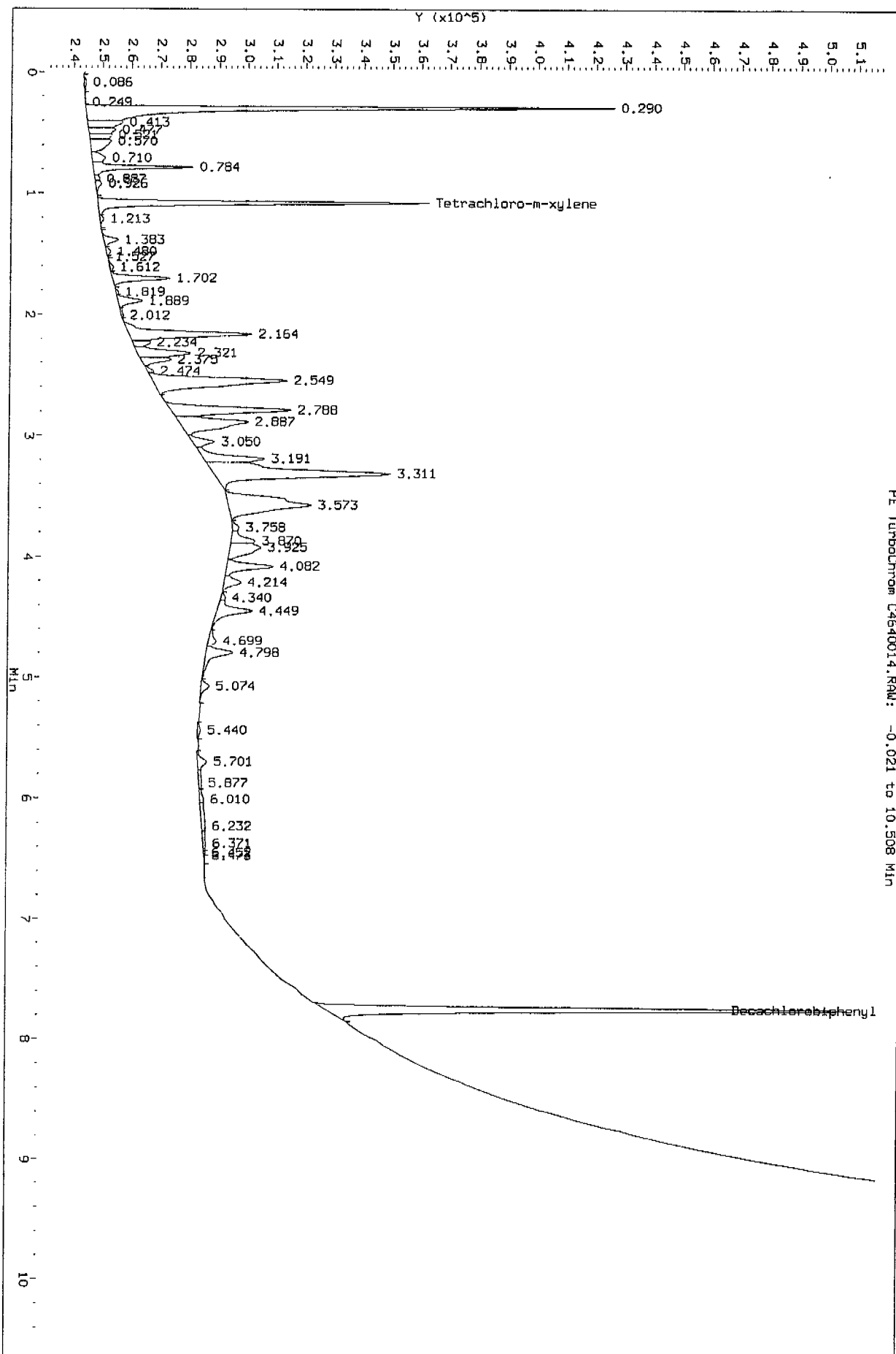
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.086	32848	724	0.022	0.1059	
0.249	6138	98	0.016	0.0197	
0.290	3961944	182450	0.046	12.7804	
0.413	384029	12217	0.032	1.2388	
0.477	249195	9410	0.038	0.8038	
0.521	180811	7789	0.043	0.5832	
0.570	351116	7301	0.021	1.1326	
0.710	175246	4558	0.026	0.5653	
0.784	692879	34462	0.050	2.2350	
0.887	45162	1694	0.038	0.1456	
0.926	77292	2077	0.027	0.2493	
1.078	2219743	114332	0.052	7.1604	\$ 1 Tetrachloro-m-xylen
1.213	43483	1316	0.030	0.1402	
1.383	148551	5113	0.034	0.4791	
1.480	44095	1475	0.033	0.1422	
1.527	4537	392	0.086	0.0146	
1.612	47146	1321	0.028	0.1520	
1.702	519684	19827	0.038	1.6763	
1.819	21729	960	0.044	0.0700	
1.889	267935	8486	0.032	0.8643	
2.012	35902	736	0.021	0.1158	
2.164	1434961	42291	0.029	4.6288	11 Aroclor 1248
2.234	153374	6194	0.040	0.4947	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.321	648235	18299	0.028	2.0910	
2.375	272842	10425	0.038	0.8801	
2.474	46895	2055	0.044	0.1512	
2.549	2083658	46280	0.022	6.7214	11 Aroclor 1248
2.788	1470029	41421	0.028	4.7420	11 Aroclor 1248
2.887	1172622	23842	0.020	3.7826	
3.050	258808	7504	0.029	0.8348	11 Aroclor 1248
3.191	746892	20918	0.028	2.4093	
3.311	3003645	60876	0.020	9.6891	11 Aroclor 1248
3.573	1928047	28665	0.015	6.2194	
3.758	81147	2339	0.029	0.2617	
3.870	306954	8333	0.027	0.9901	
3.925	594134	10757	0.018	1.9165	
4.082	572332	16013	0.028	1.8462	
4.214	240614	5921	0.025	0.7761	
4.340	49206	1498	0.030	0.1587	
4.449	541380	12292	0.023	1.7463	
4.699	132654	2620	0.020	0.4279	
4.798	423219	9314	0.022	1.3652	
5.074	127722	2724	0.021	0.4120	
5.440	52119	1045	0.020	0.1681	
5.701	152525	3117	0.020	0.4920	
5.877	91480	984	0.011	0.2950	
6.010	67808	1263	0.019	0.2187	
6.232	168438	1280	0.008	0.5433	
6.371	90197	946	0.010	0.2909	
6.452	12730	633	0.050	0.0410	
6.473	12896	538	0.042	0.0415	
7.752	4553045	178796	0.039	14.6899	\$ 34 Decachlorobiphenyl
=====					
	31000068	985921		100.000	

Total unknown % area = 51.5

Data File: \\Target1.ctv\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\C4640014.d\\C4640014.RAW
Injection Date: 14-AUG-2007 19:20
Instrument: hp5890-4.1
Client Sample ID: AR12481 0.05mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640015.d
Lab Smp Id: AR12482 0.1ng Client Smp ID: AR12482 0.1ng
Inj Date : 14-AUG-2007 19:37
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12482 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.076	0.002	4358698	0.01000	0.00984 (M)
11 Aroclor 1248	2.165	2.163	0.002	2484908	0.10000	0.0974 (M)
\$ 34 Decachlorobiphenyl	7.750	7.751	-0.001	10128461	0.02000	0.0245 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640015.d
Lab Smp Id: AR12482 0.1ng Client Smp ID: AR12482 0.1ng
Inj Date : 14-AUG-2007 19:37
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12482 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

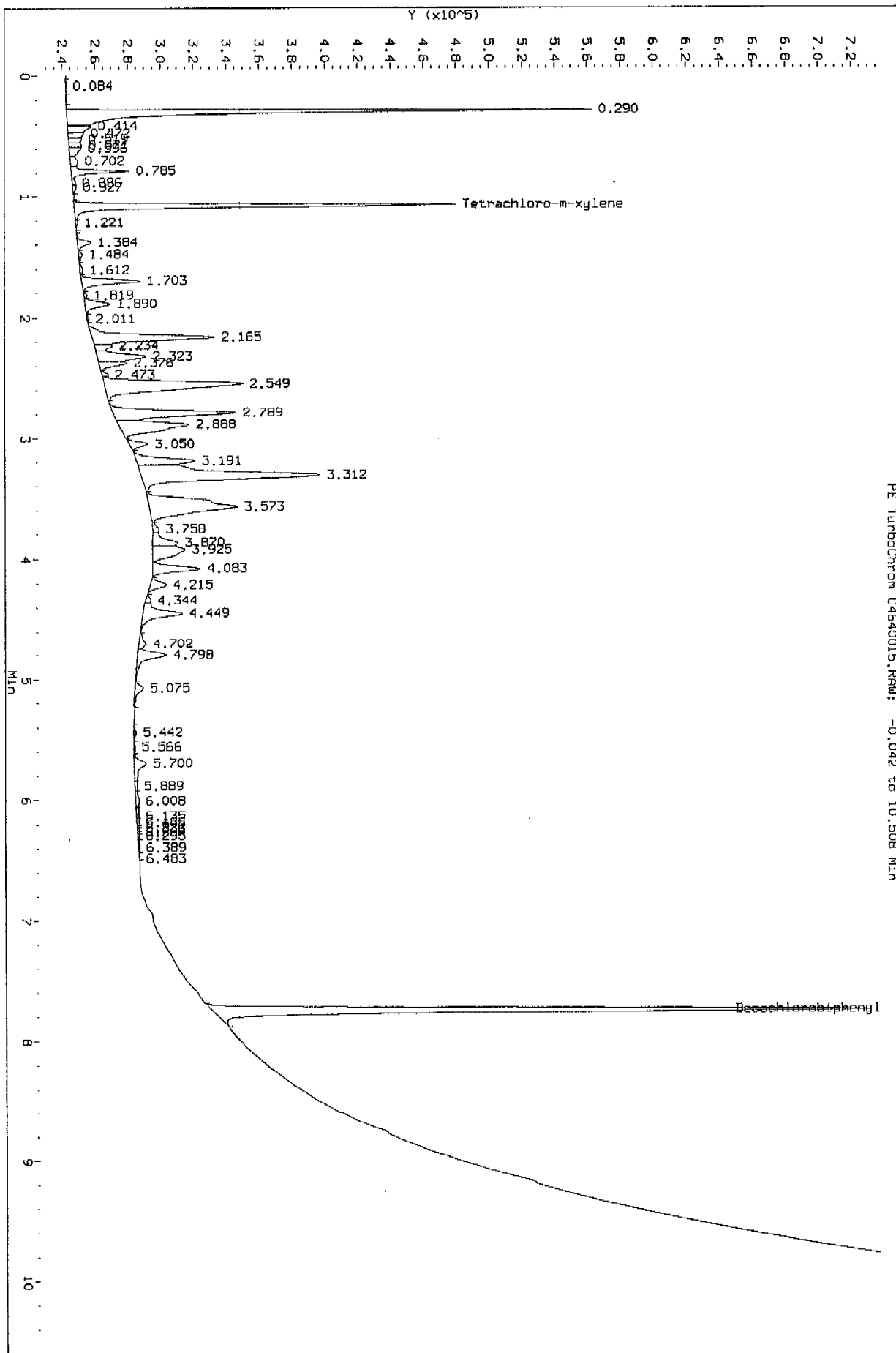
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.084	20740	524	0.025	0.0377	
0.290	6456137	320745	0.050	11.7406	
0.414	450939	14283	0.032	0.8200	
0.472	218946	9448	0.043	0.3981	
0.519	183471	7939	0.043	0.3336	
0.571	164954	7714	0.047	0.2999	
0.596	230087	7240	0.031	0.4184	
0.702	189563	4713	0.025	0.3447	
0.785	706257	35318	0.050	1.2843	
0.886	52898	1950	0.037	0.0961	
0.927	64214	2094	0.033	0.1167	
1.079	4358698	232881	0.053	7.9264	\$ 1 Tetrachloro-m-xylen
1.221	37322	1162	0.031	0.0678	
1.384	250926	8450	0.034	0.4563	
1.484	85882	2377	0.028	0.1561	
1.612	69978	1664	0.024	0.1272	
1.703	945640	35698	0.038	1.7196	
1.819	40762	1734	0.043	0.0741	
1.890	492464	15246	0.031	0.8955	
2.011	37424	1105	0.030	0.0680	
2.165	2484909	74737	0.030	4.5188	11 Aroclor 1248
2.234	275670	10696	0.039	0.5013	
2.323	1044921	29530	0.028	1.9002	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.376	437314	17002	0.039	0.7952	
2.473	83974	3855	0.046	0.1527	
2.549	3841673	84532	0.022	6.9862	11 Aroclor 1248
2.652	0	0	---	0.0000	
2.789	2640229	74766	0.028	4.8013	11 Aroclor 1248
2.888	2039867	42813	0.021	3.7095	
3.050	319450	11305	0.035	0.5809	11 Aroclor 1248
3.191	1171702	35863	0.031	2.1307	
3.312	5282836	108911	0.021	9.6070	11 Aroclor 1248
3.436	0	0	---	0.0000	
3.573	3634597	53647	0.015	6.6096	
3.758	143940	3961	0.028	0.2617	
3.870	575513	15469	0.027	1.0465	
3.925	1063474	20018	0.019	1.9339	
4.083	956328	29256	0.031	1.7391	
4.215	364618	10042	0.028	0.6630	
4.344	93766	3469	0.037	0.1705	
4.449	1094772	24286	0.022	1.9908	
4.702	221363	4650	0.021	0.4025	
4.798	747133	17707	0.024	1.3586	
5.075	253128	5074	0.020	0.4603	
5.442	80859	1700	0.021	0.1470	
5.566	51242	843	0.016	0.0931	
5.700	427938	7389	0.017	0.7782	
5.889	71881	1469	0.020	0.1307	
6.008	134727	2145	0.016	0.2450	
6.135	80509	1474	0.018	0.1464	
6.185	48983	1317	0.027	0.0890	
6.222	13410	1126	0.084	0.0243	
6.236	15498	1056	0.068	0.0281	
6.264	15568	939	0.060	0.0283	
6.295	19804	790	0.040	0.0360	
6.389	52462	905	0.017	0.0954	
6.483	19564	396	0.020	0.0355	
7.750	10128461	400905	0.040	18.4216	\$ 34 Decachlorobiphenyl
=====					
	54989380	1816328		100.000	

Total unknown % area = 47.2

Data File: \\Target1.ct\Files\chem\GC\mp5890-4.1\CD4640.b\c4640015.d\c4640015.RAW
 Injection Date: 14-AUG-2007 19:37
 Instrument: mp5890-4.1
 Client Sample ID: AR12482 0.1mg

PE TurboChrom C4640015.RAW: -0.042 to 10.508 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640016.d
Lab Smp Id: AR12483 0.2ng Client Smp ID: AR12483 0.2ng
Inj Date : 14-AUG-2007 19:55
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12483 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	11399989	0.02500	0.0262
11 Aroclor 1248	2.163	2.163	0.000	5128494	0.20000	0.201 (M)
\$ 34 Decachlorobiphenyl	7.751	7.751	0.000	20881104	0.05000	0.0492 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640016.d
Lab Smp Id: AR12483 0.2ng Client Smp ID: AR12483 0.2ng
Inj Date : 14-AUG-2007 19:55
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12483 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

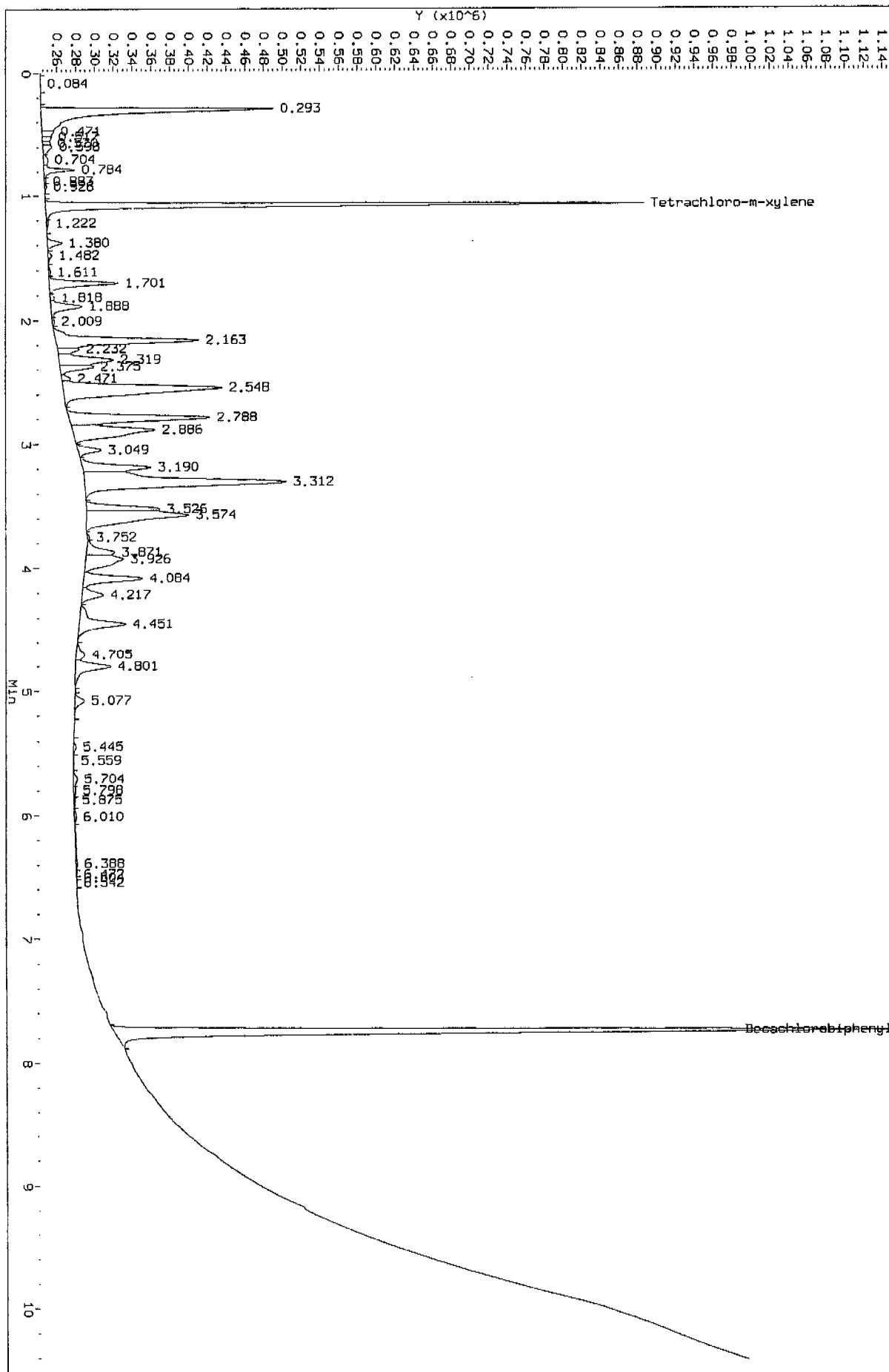
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.084	24550	544	0.022	0.0235	
0.293	7477114	247803	0.033	7.1856	
0.471	310674	12614	0.041	0.2985	
0.517	208633	9720	0.047	0.2004	
0.570	141434	8563	0.061	0.1359	
0.598	301100	10086	0.033	0.2893	
0.704	205321	4896	0.024	0.1973	
0.784	658817	32733	0.050	0.6331	
0.883	38797	1516	0.039	0.0372	
0.926	52131	1805	0.035	0.0500	
1.076	11399990	639261	0.056	10.9555	\$ 1 Tetrachloro-m-xylen
1.222	74982	2198	0.029	0.0720	
1.380	417732	15508	0.037	0.4014	
1.482	132389	4191	0.032	0.1272	
1.611	75306	1906	0.025	0.0723	
1.701	1940479	73367	0.038	1.8648	
1.818	106375	4280	0.040	0.1022	
1.888	1073893	32549	0.030	1.0320	
2.009	79567	2446	0.031	0.0764	
2.163	5128495	152159	0.030	4.9285	11 Aroclor 1248
2.232	575990	22934	0.040	0.5535	
2.319	2101041	57997	0.028	2.0191	
2.375	944600	35765	0.038	0.9077	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.471	222388	9491	0.043	0.2137	
2.548	7763125	169044	0.022	7.4604	11 Aroclor 1248
2.788	5145338	149624	0.029	4.9447	11 Aroclor 1248
2.886	4148431	87894	0.021	3.9867	
3.049	709855	24628	0.035	0.6821	11 Aroclor 1248
3.190	2374109	73058	0.031	2.2815	
3.312	10166844	215292	0.021	9.7705	11 Aroclor 1248
3.526	1952465	77926	0.040	1.8763	
3.574	5341441	108701	0.020	5.1332	
3.752	68112	2281	0.033	0.0654	
3.871	1027881	30007	0.029	0.9878	
3.926	2093125	40315	0.019	2.0115	
4.084	2104427	62942	0.030	2.0223	
4.217	887710	22807	0.026	0.8531	
4.451	2313982	50292	0.022	2.2237	
4.705	427639	9387	0.022	0.4109	
4.801	1515400	37681	0.025	1.4563	
5.077	383342	9988	0.026	0.3683	
5.445	116617	2932	0.025	0.1120	
5.559	80319	1244	0.015	0.0771	
5.704	216004	4551	0.021	0.2075	
5.798	113747	2526	0.022	0.1093	
5.875	75651	1488	0.020	0.0727	
6.010	130557	2434	0.019	0.1254	
6.388	263181	1725	0.007	0.2529	
6.472	31378	1032	0.033	0.0301	
6.504	16198	869	0.054	0.0155	
6.542	16643	560	0.034	0.0159	
7.752	20881104	829297	0.040	20.0698	\$ 34 Decachlorobiphenyl
	104056415	3404857		100.000	

Total unknown % area = 41.2

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\C4640016.d\\C4640016.RAW
Injection Date: 14-AUG-2007 19:55
Instrument: hp5890-4.1
Client Sample ID: AR12483 0.2mg

PE TurboChrom C4640016.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640017.d
Lab Smp Id: AR12484 0.4ng Client Smp ID: AR12484 0.4ng
Inj Date : 14-AUG-2007 20:12
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12484 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.075	1.076	-0.001	22537082	0.05000	0.0515
11 Aroclor 1248	2.161	2.163	-0.002	10016676	0.40000	0.393 (M)
\$ 34 Decachlorobiphenyl	7.748	7.750	-0.002	39632877	0.10000	0.0933 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640017.d
Lab Smp Id: AR12484 0.4ng Client Smp ID: AR12484 0.4ng
Inj Date : 14-AUG-2007 20:12
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12484 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

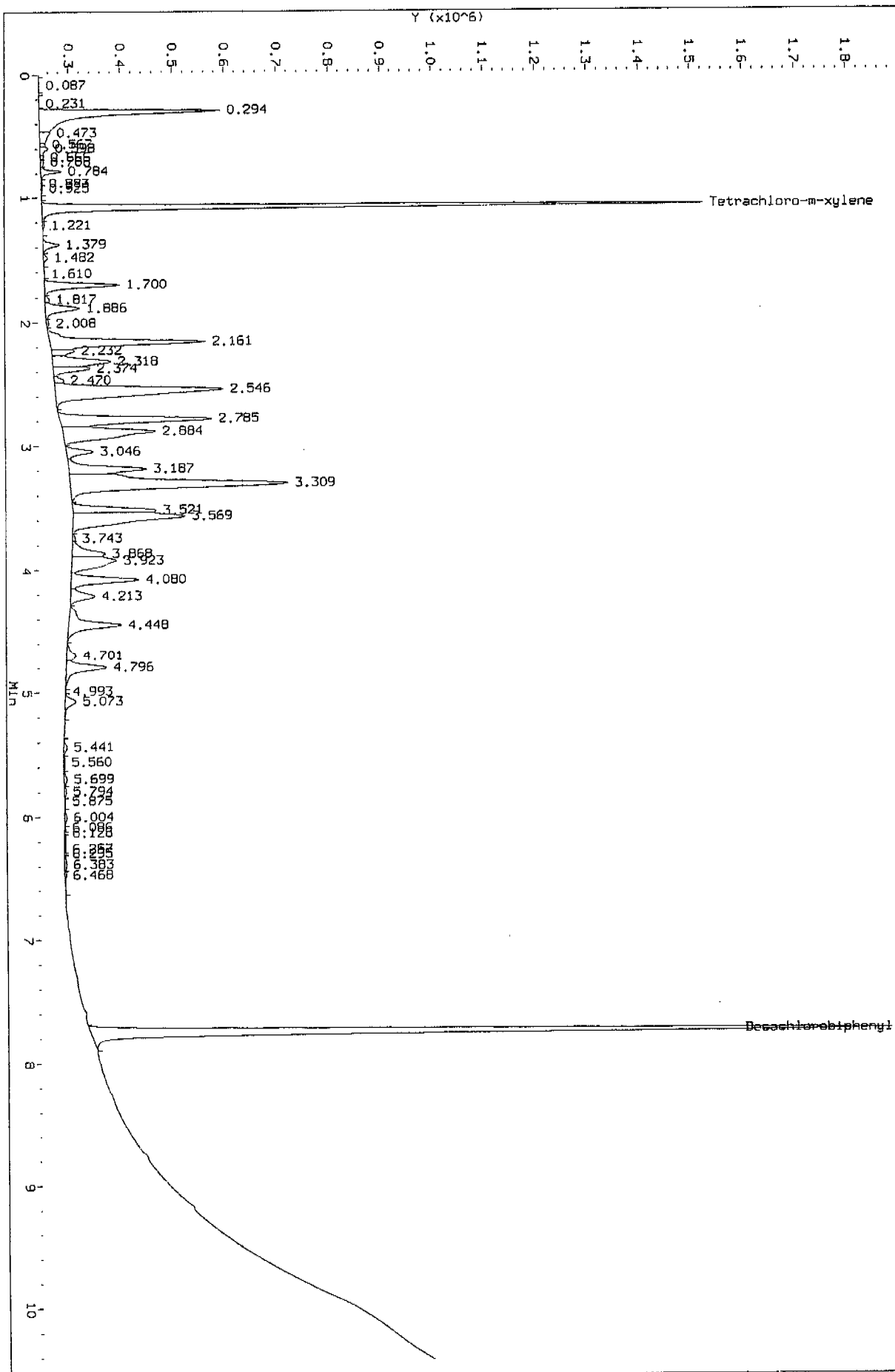
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.087	27944	682	0.024	0.0139	
0.231	6086	180	0.030	0.0030	
0.294	11330613	350627	0.031	5.6613	
0.473	803663	19880	0.025	0.4015	
0.567	152777	10673	0.070	0.0763	
0.598	425290	15493	0.036	0.2124	
0.666	142767	6795	0.048	0.0713	
0.708	194662	6272	0.032	0.0972	
0.784	800704	40258	0.050	0.4000	
0.883	55474	2108	0.038	0.0277	
0.925	69705	2235	0.032	0.0348	
1.076	22537083	1279751	0.057	11.2607	\$ 1 Tetrachloro-m-xylen
1.221	142999	4104	0.029	0.0714	
1.379	807030	30871	0.038	0.4032	
1.482	210643	7574	0.036	0.1052	
1.610	62959	1665	0.026	0.0314	
1.700	3756400	145078	0.039	1.8768	
1.817	216578	8857	0.041	0.1082	
1.886	2213414	66836	0.030	1.1059	
2.008	166483	5120	0.031	0.0831	
2.161	10016676	300008	0.030	5.0048	11 Aroclor 1248
2.232	1106912	44298	0.040	0.5530	
2.318	4065825	113147	0.028	2.0314	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.374	1866960	71254	0.038	0.9328	
2.470	411182	18487	0.045	0.2054	
2.546	14869090	324254	0.022	7.4293	11 Aroclor 1248
2.785	9929058	292714	0.029	4.9610	11 Aroclor 1248
2.884	8316404	179395	0.022	4.1553	
3.046	1532178	51940	0.034	0.7655	11 Aroclor 1248
3.187	4999956	150007	0.030	2.4982	
3.309	19878794	420162	0.021	9.9324	11 Aroclor 1248
3.521	4069462	160370	0.039	2.0333	
3.569	10670705	216403	0.020	5.3316	
3.743	157012	5336	0.034	0.0784	
3.868	2297873	63788	0.028	1.1481	
3.923	4518913	86068	0.019	2.2578	
4.080	4373452	131012	0.030	2.1852	
4.213	1819361	47076	0.026	0.9090	
4.448	4653132	102218	0.022	2.3249	
4.701	782012	17771	0.023	0.3907	
4.796	3030883	77411	0.026	1.5143	
4.993	20550	1082	0.053	0.0102	
5.073	914752	21255	0.023	0.4570	
5.441	297126	6849	0.023	0.1484	
5.560	199995	3071	0.015	0.0999	
5.699	284731	6042	0.021	0.1422	
5.794	166608	3782	0.023	0.0832	
5.875	104056	2130	0.020	0.0519	
6.004	246606	4607	0.019	0.1232	
6.086	56153	2084	0.037	0.0280	
6.128	27553	2140	0.078	0.0137	
6.257	203309	2444	0.012	0.1015	
6.295	36905	2476	0.067	0.0184	
6.383	261392	4158	0.016	0.1306	
6.468	197398	2816	0.014	0.0986	
7.748	39632877	1546592	0.039	19.8055	\$ 34 Decachlorobiphenyl
200139119		6489706		100.000	

Total unknown % area = 40.8

Data File: \\Target1-ctv\\files\\chem\\GC\\hp5890-4.1\\CD4640.b\\C4640017.d\\C4640017.RAW
Injection Date: 14-AUG-2007 20:12
Instrument: hp5890-4.1
Client Sample ID: AR12484 0.4mg

PE TurboChrom C4640017.RAW: 0.000 to 10.427 MIN



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640018.d
Lab Smp Id: AR12485 0.8ng Client Smp ID: AR12485 0.8ng
Inj Date : 14-AUG-2007 20:29
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12485 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.077	-0.001	42015759	0.10000	0.0956
11 Aroclor 1248	2.161	2.163	-0.002	18639847	0.80000	0.731 (M)
\$ 34 Decachlorobiphenyl	7.748	7.750	-0.002	72852103	0.20000	0.171 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640018.d
Lab Smp Id: AR12485 0.8ng Client Smp ID: AR12485 0.8ng
Inj Date : 14-AUG-2007 20:29
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12485 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1248.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

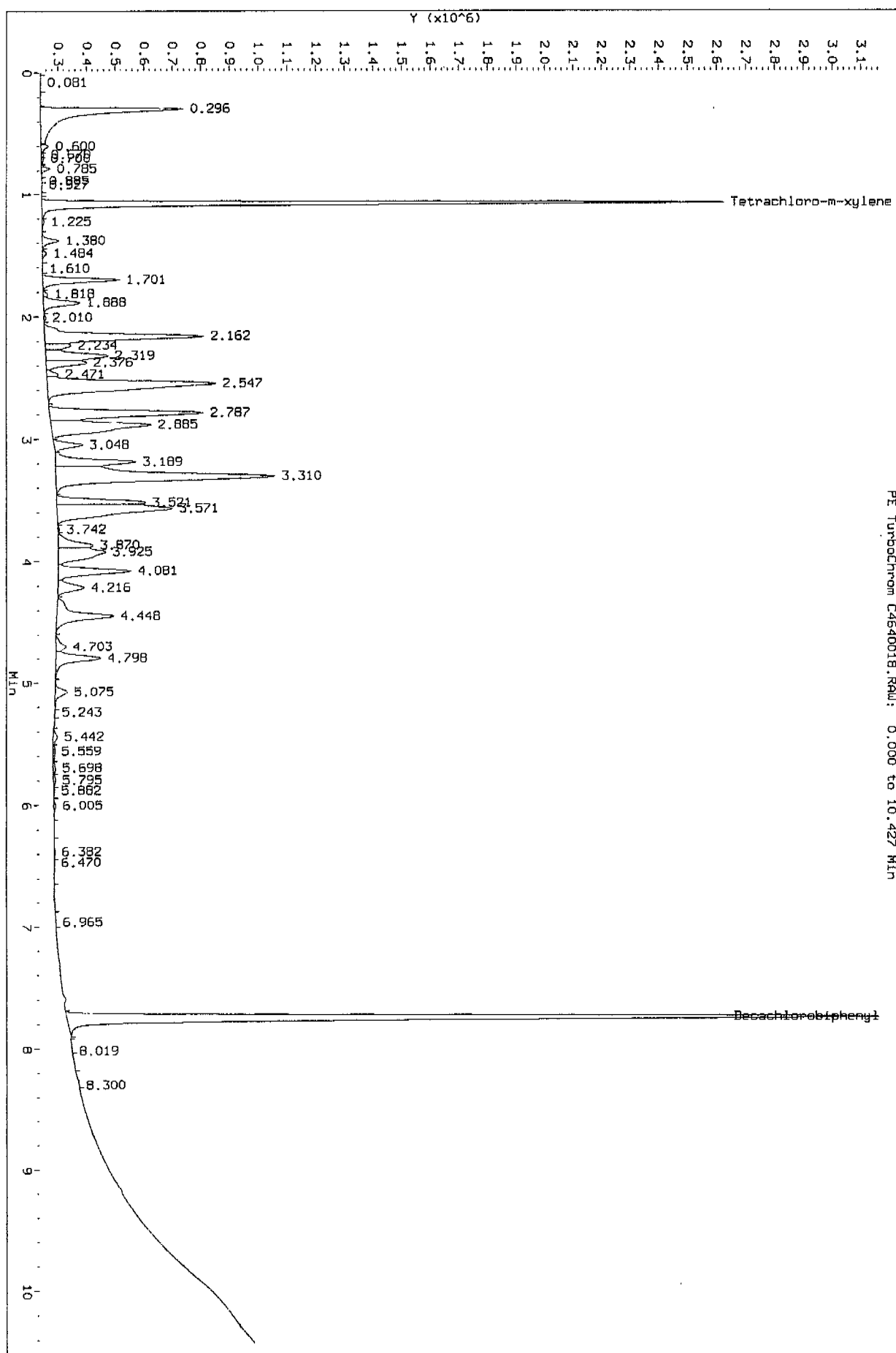
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	19462	522	0.027	0.0053	
0.296	18584893	498988	0.027	5.0694	
0.600	665315	25747	0.039	0.1814	
0.670	202864	9226	0.045	0.0553	
0.700	232145	7826	0.034	0.0633	
0.785	643428	29380	0.046	0.1755	
0.885	58767	2165	0.037	0.0160	
0.927	66235	2184	0.033	0.0180	
1.076	42015759	2382220	0.057	11.4608	\$ 1 Tetrachloro-m-xylen
1.225	255836	7152	0.028	0.0697	
1.380	1515289	57696	0.038	0.4133	
1.484	383313	13935	0.036	0.1045	
1.610	102066	2520	0.025	0.0278	
1.701	6863793	268501	0.039	1.8722	
1.818	344438	15099	0.044	0.0939	
1.888	3961398	125615	0.032	1.0805	
2.010	200878	7178	0.036	0.0547	
2.162	18639847	554778	0.030	5.0844	11 Aroclor 1248
2.234	2312015	88241	0.038	0.6306	
2.319	7728901	216759	0.028	2.1082	
2.376	3868912	140466	0.036	1.0553	
2.471	927173	38836	0.042	0.2529	
2.547	27181950	587891	0.022	7.4145	11 Aroclor 1248

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.787	18382724	537344	0.029	5.0143	11 Aroclor 1248
2.885	16026312	349340	0.022	4.3715	
3.048	2906492	100040	0.034	0.7928	11 Aroclor 1248
3.189	9450334	281670	0.030	2.5778	
3.310	36086796	764533	0.021	9.8435	11 Aroclor 1248
3.521	8285312	311596	0.038	2.2600	
3.571	19734880	403486	0.020	5.3831	
3.742	124036	4870	0.039	0.0338	
3.870	4177149	121359	0.029	1.1394	
3.925	8640323	165868	0.019	2.3568	
4.081	8394428	255638	0.030	2.2897	
4.216	3514811	91726	0.026	0.9587	
4.448	9095603	199364	0.022	2.4810	
4.703	1546274	34993	0.023	0.4217	
4.798	5982778	156854	0.026	1.6319	
5.075	1834374	43162	0.024	0.5003	
5.243	67200	1960	0.029	0.0183	
5.442	632096	14185	0.022	0.1724	
5.559	437977	6221	0.014	0.1194	
5.698	359988	7569	0.021	0.0981	
5.795	354108	7987	0.023	0.0965	
5.882	128980	3087	0.024	0.0351	
6.005	280679	6709	0.024	0.0765	
6.382	146807	3584	0.024	0.0400	
6.470	99153	1461	0.015	0.0270	
6.965	38557	1223	0.032	0.0105	
7.748	72852103	2832837	0.039	19.8750	\$ 34 Decachlorobiphenyl
8.019	116406	1370	0.012	0.0317	
8.300	131195	2093	0.016	0.0357	
366602551		11795054		100.000	

Total unknown % area = 40.5

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\C4640018.d\C4640018.RAW
Injection Date: 14-AUG-2007 20:29
Instrument: hp5890-4.1
Client Sample ID: AR12485 0.8mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640019.d
Lab Smp Id: AR12541 0.05ng Client Smp ID: AR12541 0.05ng
Inj Date : 14-AUG-2007 20:47
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12541 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.077	0.001	2292696	0.00500	0.00517(M)
18 Aroclor 1254	3.585	3.584	0.001	2446017	0.05000	0.0571(M)
\$ 34 Decachlorobiphenyl	7.750	7.750	0.000	4517543	0.01000	0.0105(M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640019.d
Lab Smp Id: AR12541 0.05ng Client Smp ID: AR12541 0.05ng
Inj Date : 14-AUG-2007 20:47
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12541 0.05ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

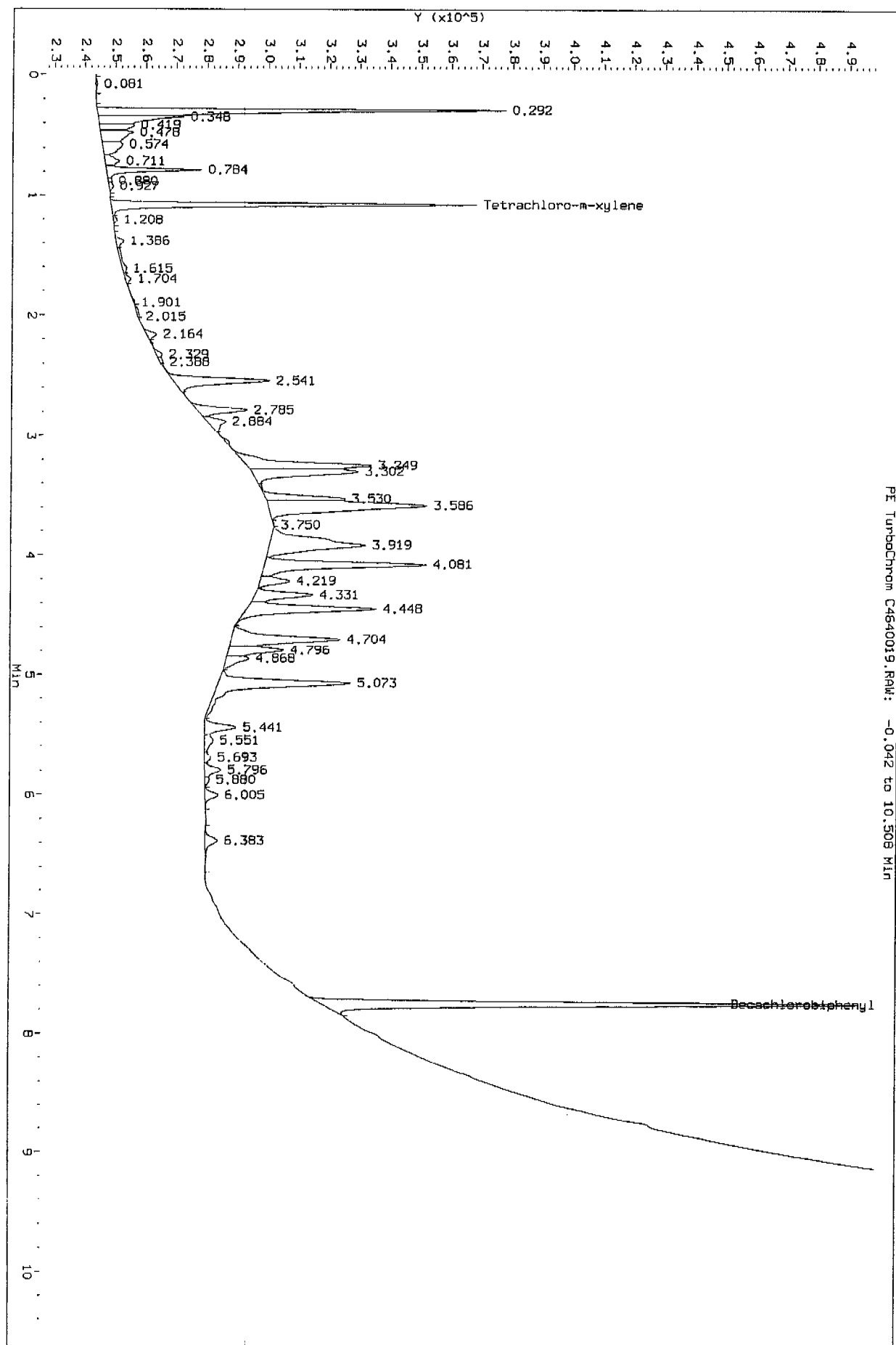
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.081	20537	493	0.024	0.0630	
0.292	2613691	133929	0.051	8.0206	
0.348	749521	28058	0.037	2.3000	
0.419	321331	11487	0.036	0.9860	
0.478	467923	10862	0.023	1.4359	
0.574	326109	6722	0.021	1.0007	
0.711	182783	4762	0.026	0.5609	
0.784	608524	31281	0.051	1.8673	
0.880	28803	1199	0.042	0.0883	
0.927	42194	1364	0.032	0.1294	
1.078	2292696	119750	0.052	7.0355	\$ 1 Tetrachloro-m-xylen
1.208	36023	1284	0.036	0.1105	
1.386	87127	2490	0.029	0.2673	
1.615	109368	1438	0.013	0.3356	
1.704	62069	1849	0.030	0.1904	
1.901	32848	493	0.015	0.1007	
2.015	39140	622	0.016	0.1201	
2.164	105128	3214	0.031	0.3226	
2.329	71174	1937	0.027	0.2184	
2.388	33105	1114	0.034	0.1015	
2.541	1116478	31357	0.028	3.4261	
2.785	542216	16443	0.030	1.6638	
2.884	265911	6126	0.023	0.8159	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.249	1505718	40698	0.027	4.6205	
3.302	1259367	34805	0.028	3.8646	
3.530	674145	25930	0.038	2.0687	
3.586	2446017	52108	0.021	7.5060	18 Aroclor 1254
3.750	11129	360	0.032	0.0341	
3.919	1943932	31532	0.016	5.9653	
4.081	1872137	53096	0.028	5.7450	18 Aroclor 1254
4.219	330792	9785	0.030	1.0150	
4.331	665060	18893	0.028	2.0408	18 Aroclor 1254
4.448	1555041	42329	0.027	4.7719	18 Aroclor 1254
4.704	1481896	35542	0.024	4.5474	18 Aroclor 1254
4.796	653913	18034	0.028	2.0066	
4.868	292315	7409	0.025	0.8970	
5.073	1946521	43361	0.022	5.9732	
5.441	400172	10358	0.026	1.2280	
5.551	163064	2799	0.017	0.5003	
5.693	76039	2056	0.027	0.2333	
5.796	201265	5244	0.026	0.6176	
5.880	54477	1455	0.027	0.1671	
6.005	174336	4397	0.025	0.5349	
6.383	207570	4002	0.019	0.6369	
7.750	4517543	175837	0.039	13.8653	\$ 34 Decachlorobiphenyl
	32587144	1038304		100.000	

Total unknown % area = 54.5

Data File: \\Target1.ct\Files\chem\GC\mp5890-4.1\CD4640.b\CD4640019.d\CD4640019.RAW
Injection Date: 14-AUG-2007 20:47
Instrument: mp5890-4.1
Client Sample ID: AR12541 0.05ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640020.d
Lab Smp Id: AR12542 0.1ng Client Smp ID: AR12542 0.1ng
Inj Date : 14-AUG-2007 21:04
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12542 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.077	1.076	0.001	4407981	0.01000	0.00988(M)
18 Aroclor 1254	3.583	3.584	-0.001	4586106	0.10000	0.107(M)
\$ 34 Decachlorobiphenyl	7.748	7.749	-0.001	10041019	0.02000	0.0234(M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640020.d
Lab Smp Id: AR12542 0.1ng Client Smp ID: AR12542 0.1ng
Inj Date : 14-AUG-2007 21:04
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12542 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 20:47 Cal File: C4640019.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

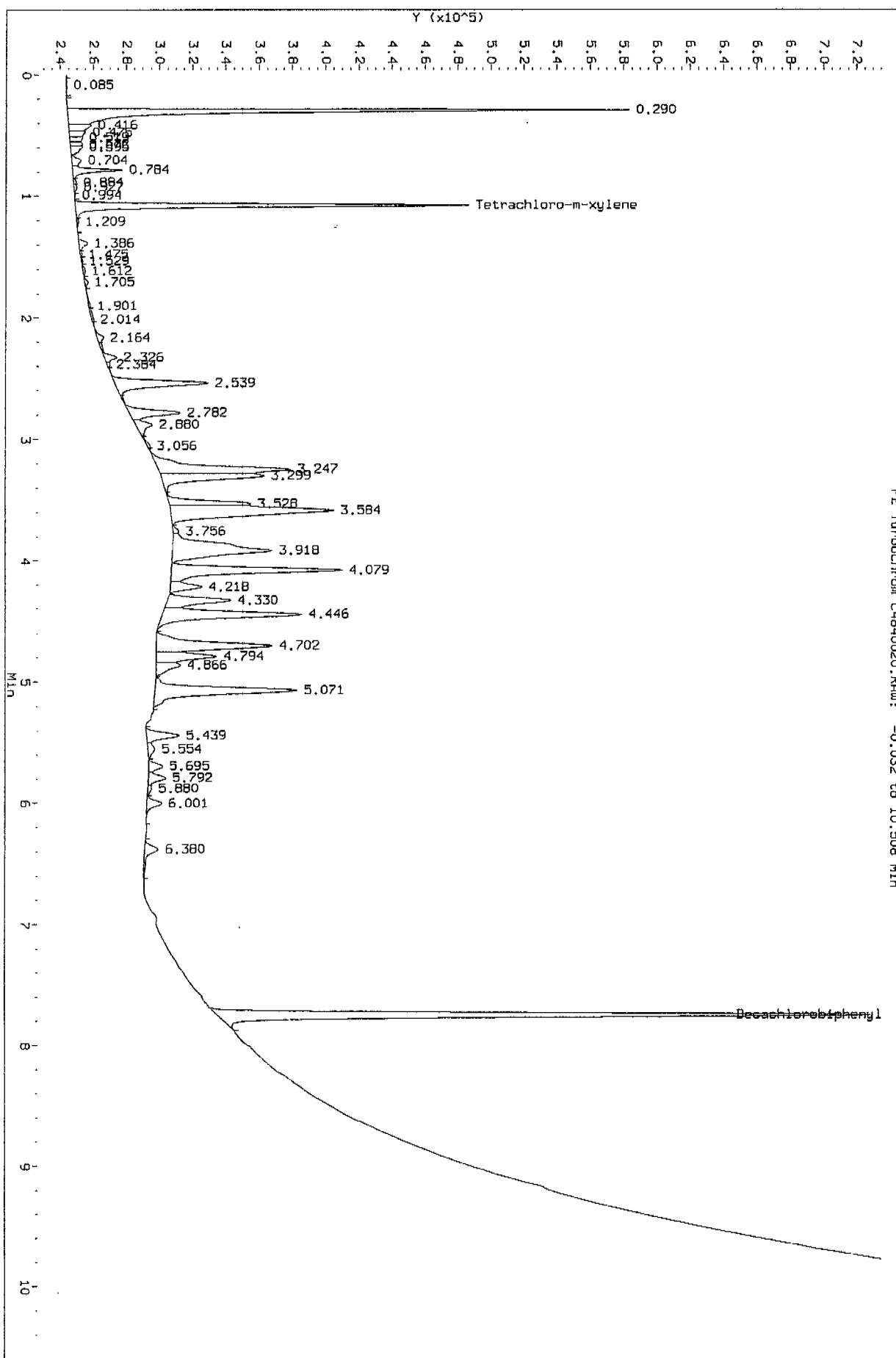
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.085	23439	557	0.024	0.0378	
0.290	6590471	339746	0.052	10.6319	
0.416	398032	13468	0.034	0.6421	
0.475	251059	9847	0.039	0.4050	
0.519	183037	7747	0.042	0.2952	
0.572	142839	7418	0.052	0.2304	
0.595	213413	7166	0.034	0.3442	
0.704	200227	5739	0.029	0.3230	
0.784	611283	30476	0.050	0.9861	
0.884	46057	1788	0.039	0.0743	
0.927	60308	1930	0.032	0.0972	
0.994	7959	385	0.048	0.0128	
1.077	4407982	237830	0.054	7.1111	\$ 1 Tetrachloro-m-xylen
1.209	45431	1242	0.027	0.0732	
1.386	168437	5327	0.032	0.2717	
1.475	28735	992	0.035	0.0463	
1.529	24457	827	0.034	0.0394	
1.612	56207	1366	0.024	0.0906	
1.705	62775	2008	0.032	0.1012	
1.901	58521	1265	0.022	0.0944	
2.014	77453	1245	0.016	0.1249	
2.164	166458	4004	0.024	0.2685	
2.326	279013	7743	0.028	0.4501	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.384	42164	1728	0.041	0.0680	
2.539	1965403	56487	0.029	3.1706	
2.782	1073570	30829	0.029	1.7319	
2.880	424795	9907	0.023	0.6852	
3.056	72541	1623	0.022	0.1170	
3.247	3000144	79637	0.027	4.8399	
3.299	2141966	62051	0.029	3.4554	
3.528	1213179	48816	0.040	1.9571	
3.584	4586106	98240	0.021	7.3984	18 Aroclor 1254
3.756	93128	3233	0.035	0.1502	
3.918	3657819	60067	0.016	5.9009	
4.079	3567554	103001	0.029	5.7552	18 Aroclor 1254
4.218	646042	19223	0.030	1.0422	
4.330	1378480	38554	0.028	2.2238	18 Aroclor 1254
4.446	3162560	84284	0.027	5.1019	18 Aroclor 1254
4.553	0	0	---	0.0000	
4.702	2919359	70042	0.024	4.7096	18 Aroclor 1254
4.794	1317775	36608	0.028	2.1258	
4.866	575581	14674	0.025	0.9285	
5.071	3523251	85802	0.024	5.6838	
5.439	714100	19976	0.028	1.1520	
5.554	214178	4204	0.020	0.3455	
5.695	303427	8478	0.028	0.4894	
5.792	391813	10626	0.027	0.6320	
5.880	87810	2381	0.027	0.1416	
6.001	349069	8896	0.025	0.5631	
6.380	420913	8052	0.019	0.6790	
7.748	10041020	393371	0.039	16.2006	\$ 34 Decachlorobiphenyl
=====				=====	
	61987334	2050906		100.000	

Total unknown % area = 51.5

Data File: \\Target1-ct\Files\chem\GC\hp5890-4.1\CD4640.b\CD4640020.d\CD4640020.RAW
Injection Date: 14-AUG-2007 21:04
Instrument: hp5890-4.1
Client Sample ID: AR12542 0.1mg

PE TurboChrom C4640020.RAW: -0.032 to 10.508 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640021.d
Lab Smp Id: AR12543 0.2ng Client Smp ID: AR12543 0.2ng
Inj Date : 14-AUG-2007 21:22
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12543 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.077	1.077	0.000	11484739	0.02500	0.0257
18 Aroclor 1254	3.586	3.584	0.002	8593279	0.20000	0.201(M)
\$ 34 Decachlorobiphenyl	7.748	7.749	-0.001	21162948	0.05000	0.0495(M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640021.d
Lab Smp Id: AR12543 0.2ng Client Smp ID: AR12543 0.2ng
Inj Date : 14-AUG-2007 21:22
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12543 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

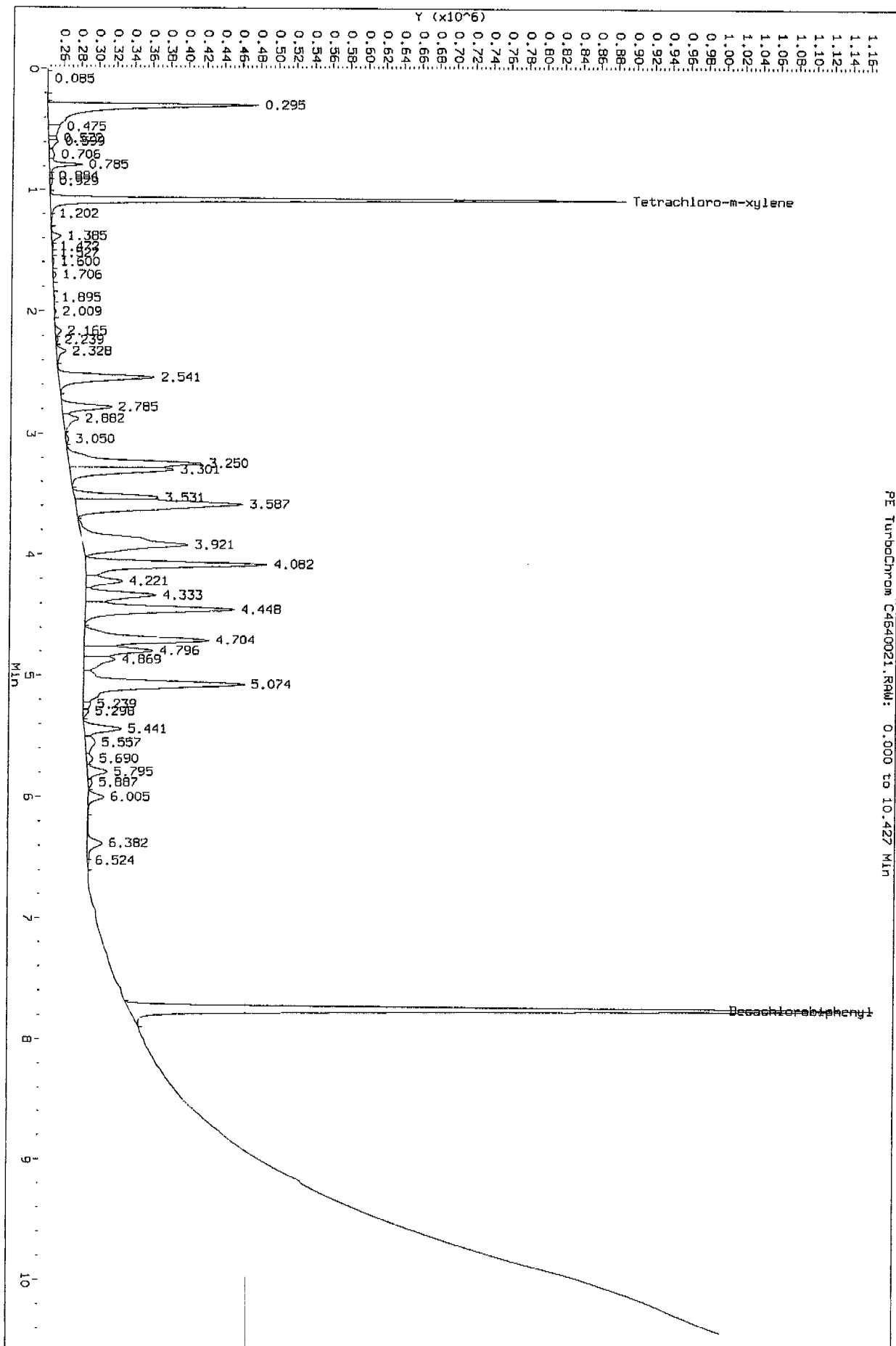
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.085	24645	562	0.023	0.0206	
0.295	7213775	235445	0.033	6.0495	
0.475	564201	13129	0.023	0.4731	
0.572	153514	9231	0.060	0.1287	
0.599	333241	10790	0.032	0.2794	
0.706	236542	5892	0.025	0.1983	
0.785	791016	36560	0.046	0.6633	
0.884	71172	2570	0.036	0.0596	
0.929	106276	2721	0.026	0.0891	
1.078	11484739	643306	0.056	9.6311	\$ 1 Tetrachloro-m-xylen
1.202	58347	1940	0.033	0.0489	
1.385	302040	10089	0.033	0.2532	
1.472	39850	1515	0.038	0.0334	
1.527	19846	845	0.043	0.0166	
1.600	72397	1777	0.025	0.0607	
1.706	103386	3680	0.036	0.0867	
1.895	38210	1313	0.034	0.0320	
2.009	58872	1789	0.030	0.0493	
2.165	214123	6421	0.030	0.1795	
2.239	70611	2366	0.034	0.0592	
2.328	380504	10380	0.027	0.3190	
2.541	3726158	107235	0.029	3.1247	
2.785	1833145	55836	0.030	1.5372	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.882	727248	17277	0.024	0.6098	
3.050	121154	3364	0.028	0.1016	
3.250	5530530	148782	0.027	4.6379	
3.301	3929040	116348	0.030	3.2949	
3.531	2386025	93703	0.039	2.0009	
3.587	8593279	186582	0.022	7.2063	18 Aroclor 1254
3.921	7135135	116979	0.016	5.9835	
4.082	6980738	202128	0.029	5.8541	18 Aroclor 1254
4.221	1461925	41136	0.028	1.2259	
4.333	2954677	78834	0.027	2.4778	18 Aroclor 1254
4.448	6264898	166589	0.027	5.2537	18 Aroclor 1254
4.704	5919394	139361	0.024	4.9640	18 Aroclor 1254
4.796	2836559	77433	0.027	2.3787	
4.869	1597626	35006	0.022	1.3397	
5.074	8137660	179770	0.022	6.8243	
5.239	263395	8311	0.032	0.2208	
5.298	192333	6071	0.032	0.1612	
5.441	1531165	41638	0.027	1.2840	
5.557	678865	10987	0.016	0.5693	
5.690	277533	7130	0.026	0.2327	
5.795	817103	22429	0.027	0.6852	
5.887	167941	4596	0.027	0.1408	
6.005	696448	17844	0.026	0.5840	
6.382	922912	16996	0.018	0.7739	
6.524	62105	1777	0.029	0.0520	
7.748	21162948	828487	0.039	17.7499	\$ 34 Decachlorobiphenyl
=====				=====	
	119245245	3734950		100.000	

Total unknown % area = 46.9

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\C4640021.d\C4640021.RAW
Injection Date: 14-AUG-2007 21:22
Instrument: hp5890-4.1
Client Sample ID: AR12543 0.2ng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640022.d
Lab Smp Id: AR12544 0.4ng Client Smp ID: AR12544 0.4ng
Inj Date : 14-AUG-2007 21:39
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12544 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.075	1.077	-0.002	22085255	0.05000	0.0494
18 Aroclor 1254	3.583	3.584	-0.001	15872748	0.40000	0.371 (M)
\$ 34 Decachlorobiphenyl	7.748	7.749	-0.001	39610182	0.10000	0.0924 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640022.d
Lab Smp Id: AR12544 0.4ng Client Smp ID: AR12544 0.4ng
Inj Date : 14-AUG-2007 21:39
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12544 0.4ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:22 Cal File: C4640021.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

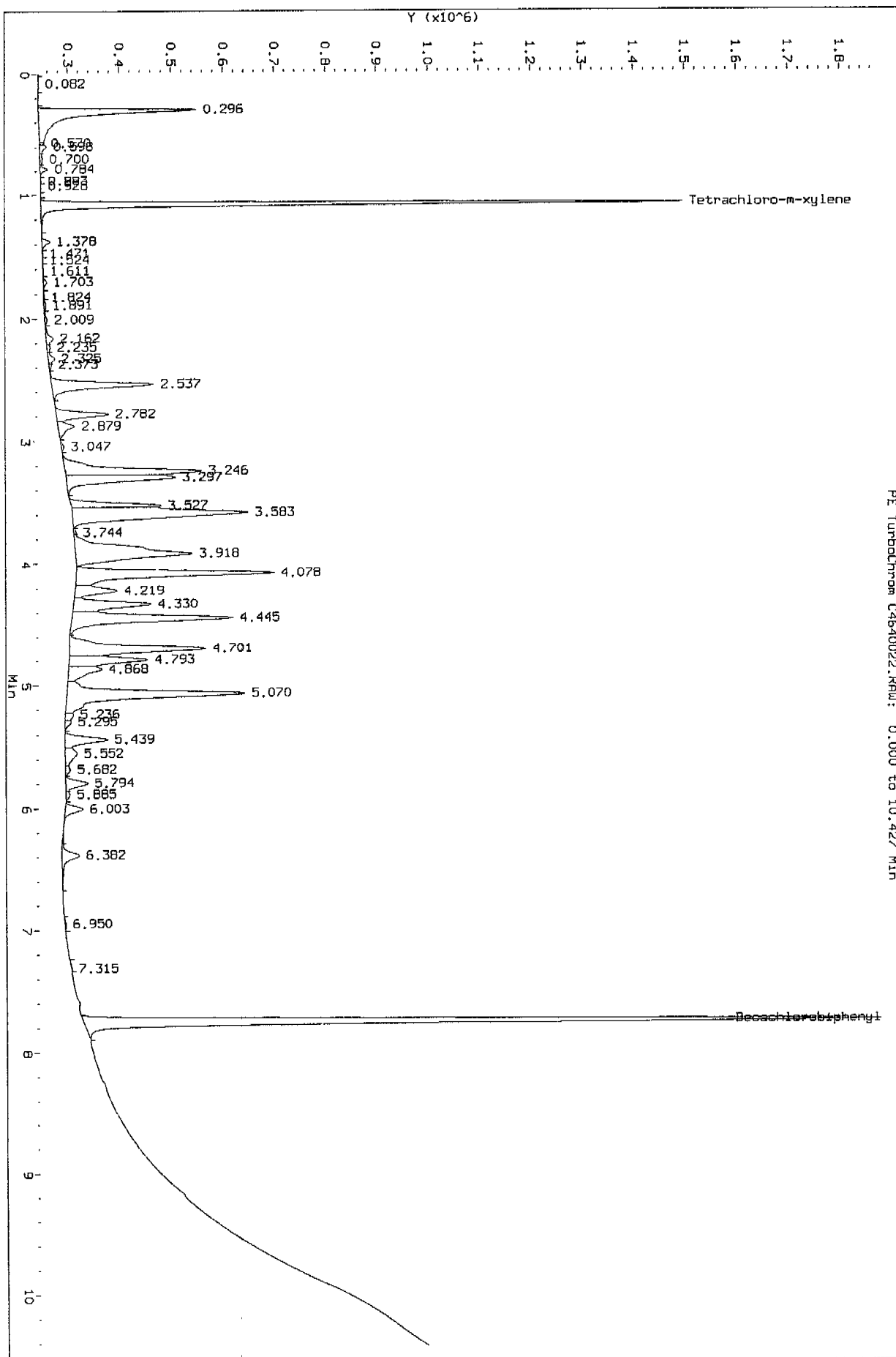
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	16714	470	0.028	0.0076	
0.296	10874179	307361	0.028	4.9575	
0.570	123736	9644	0.078	0.0564	
0.598	405782	14593	0.036	0.1849	
0.700	255769	5330	0.021	0.1166	
0.784	391065	15976	0.041	0.1782	
0.883	51565	1852	0.036	0.0235	
0.928	54358	1852	0.034	0.0247	
1.075	22085255	1249719	0.057	10.0687	\$ 1 Tetrachloro-m-xylen
1.378	398784	15003	0.038	0.1818	
1.471	38058	1444	0.038	0.0173	
1.524	10354	489	0.047	0.0047	
1.611	43032	1183	0.027	0.0196	
1.703	198664	6673	0.034	0.0905	
1.824	42880	1365	0.032	0.0195	
1.891	155180	4018	0.026	0.0707	
2.009	210211	4853	0.023	0.0958	
2.162	577042	14001	0.024	0.2630	
2.235	186661	5775	0.031	0.0850	
2.325	458274	13113	0.029	0.2089	
2.373	123776	5129	0.041	0.0564	
2.537	6870420	198486	0.029	3.1322	
2.782	3302992	102756	0.031	1.5058	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.879	1337992	32598	0.024	0.6099	
3.047	208645	6108	0.029	0.0951	
3.246	9655607	264382	0.027	4.4020	
3.297	7350794	212158	0.029	3.3512	
3.527	4304090	173969	0.040	1.9622	
3.583	15872749	340853	0.021	7.2364	18 Aroclor 1254
3.744	96500	4064	0.042	0.0439	
3.918	13823523	225977	0.016	6.3021	
4.078	13582243	384366	0.028	6.1921	18 Aroclor 1254
4.219	3016526	82011	0.027	1.3752	
4.330	5729840	150629	0.026	2.6122	18 Aroclor 1254
4.445	12029748	312560	0.026	5.4843	18 Aroclor 1254
4.701	11064571	263424	0.024	5.0443	18 Aroclor 1254
4.793	5495183	152873	0.028	2.5052	
4.868	2929473	65316	0.022	1.3355	
5.070	15562613	345517	0.022	7.0950	
5.236	482270	15455	0.032	0.2198	
5.295	366039	11918	0.033	0.1668	
5.439	3047148	83859	0.028	1.3892	
5.552	1408381	23071	0.016	0.6420	
5.682	325707	9237	0.028	0.1484	
5.794	1524773	43521	0.029	0.6951	
5.885	261850	7684	0.029	0.1193	
6.003	1426947	34883	0.024	0.6505	
6.382	1826503	34352	0.019	0.8327	
6.950	86074	2142	0.025	0.0392	
7.315	44299	988	0.022	0.0201	
7.748	39610182	1549753	0.039	18.0610	\$ 34 Decachlorobiphenyl
	219345015	6814753		100.000	

Total unknown % area = 45.3

Data File: \\Target1_ct\files\chem\GC\mp5890-4.1\CD4640.b\4640022.D\4640022.RAW
Injection Date: 14-AUG-2007 21:39
Instrument: mp5890-4.1
Client Sample ID: AR12544 0.4mg



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640023.d
Lab Smp Id: AR12545 0.8ng Client Smp ID: AR12545 0.8ng
Inj Date : 14-AUG-2007 21:56
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12545 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.075	1.076	-0.001	41364615	0.10000	0.0928
18 Aroclor 1254	3.581	3.584	-0.003	29321924	0.80000	0.685 (M)
\$ 34 Decachlorobiphenyl	7.746	7.749	-0.003	72473543	0.20000	0.169 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640023.d
Lab Smp Id: AR12545 0.8ng Client Smp ID: AR12545 0.8ng
Inj Date : 14-AUG-2007 21:56
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12545 0.8ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:39 Cal File: C4640022.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1254.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * UF * (1000*Vt)/(Vo * Vi) * CpndVariable

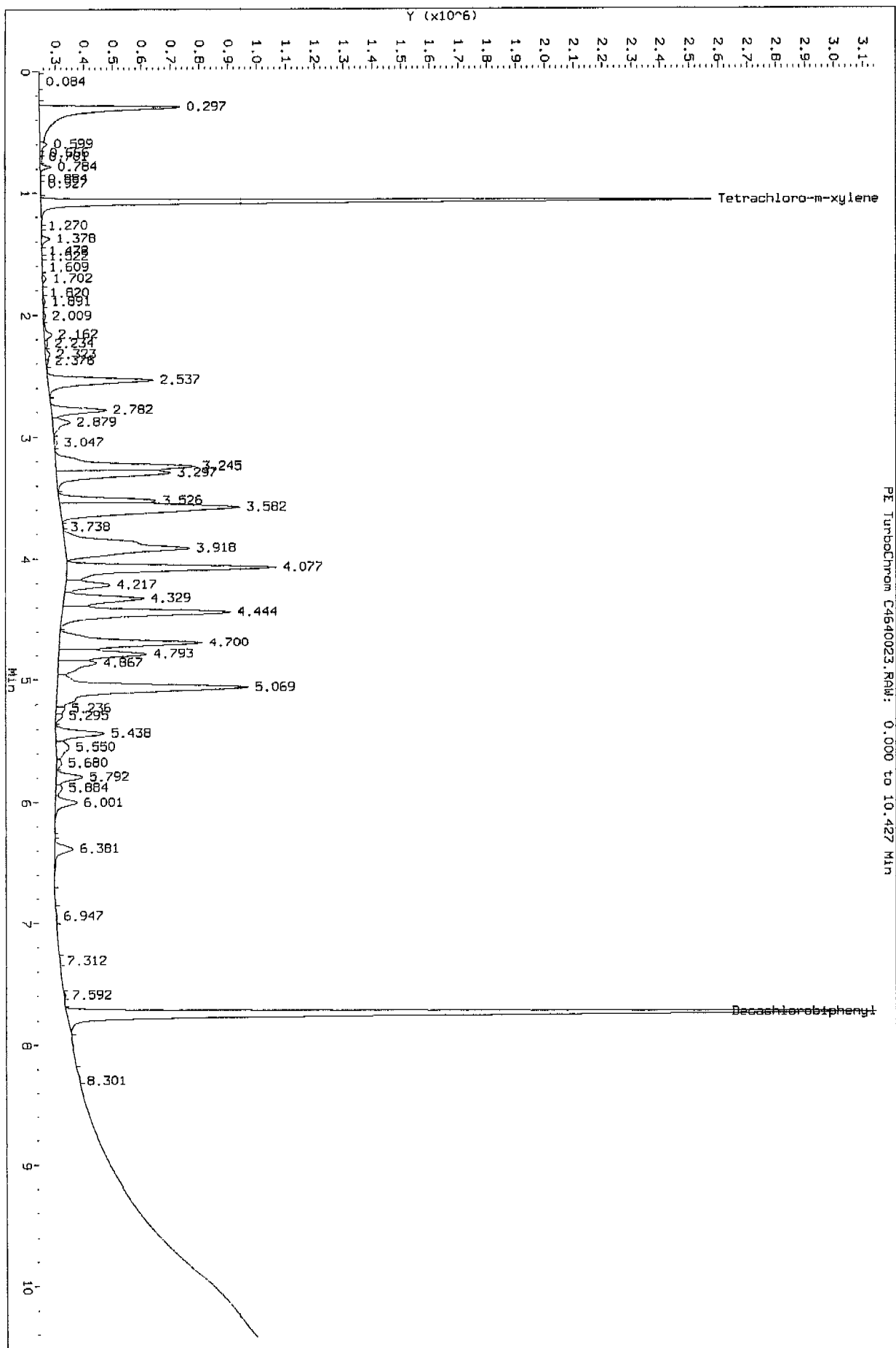
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.084	18245	535	0.029	0.0044	
0.297	18862420	490112	0.026	4.5902	
0.599	666448	25744	0.039	0.1621	
0.666	245794	10497	0.043	0.0598	
0.701	226685	7749	0.034	0.0551	
0.784	772275	37984	0.049	0.1879	
0.884	72543	2479	0.034	0.0176	
0.927	78172	2381	0.030	0.0190	
1.075	41364616	2329792	0.056	10.0662	\$ 1 Tetrachloro-m-xylene
1.270	25686	1319	0.051	0.0062	
1.378	709447	28163	0.040	0.1726	
1.478	34232	1325	0.039	0.0083	
1.522	6268	403	0.064	0.0015	
1.609	43267	1303	0.030	0.0105	
1.702	343438	12392	0.036	0.0835	
1.820	55285	1929	0.035	0.0134	
1.891	248518	6894	0.028	0.0604	
2.009	314472	8296	0.026	0.0765	
2.162	1074542	27141	0.025	0.2614	
2.234	360127	11129	0.031	0.0876	
2.323	597641	16410	0.027	0.1454	
2.376	237104	8347	0.035	0.0576	
2.537	12715177	367743	0.029	3.0942	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.782	6001590	192617	0.032	1.4605	
2.879	2411522	61975	0.026	0.5868	
3.047	330077	10792	0.033	0.0803	
3.245	18023939	485721	0.027	4.3861	
3.297	13800639	397236	0.029	3.3584	
3.526	8758703	335953	0.038	2.1314	
3.582	29321924	624946	0.021	7.1355	18 Aroclor 1254
3.738	92247	4133	0.045	0.0224	
3.918	25834405	431234	0.017	6.2868	
4.077	25231732	725380	0.029	6.1402	18 Aroclor 1254
4.217	5582388	155758	0.028	1.3584	
4.329	10595121	279848	0.026	2.5783	18 Aroclor 1254
4.444	22425131	586799	0.026	5.4572	18 Aroclor 1254
4.700	21057409	496667	0.024	5.1243	18 Aroclor 1254
4.793	11054187	306312	0.028	2.6900	
4.867	6061483	133782	0.022	1.4750	
5.069	30338638	665239	0.022	7.3829	
5.236	963284	31083	0.032	0.2344	
5.295	762433	23672	0.031	0.1855	
5.438	6194857	170859	0.028	1.5075	
5.550	2900940	46768	0.016	0.7059	
5.680	675442	18465	0.027	0.1643	
5.792	3401664	93579	0.028	0.8278	
5.884	927870	22559	0.024	0.2257	
6.001	3235376	76805	0.024	0.7873	
6.381	2926171	65089	0.022	0.7120	
6.947	141604	3498	0.025	0.0344	
7.312	72645	2654	0.037	0.0176	
7.592	148422	6194	0.042	0.0361	
7.747	72473544	2806226	0.039	17.6394	\$ 34 Decachlorobiphenyl
8.301	107910	1443	0.013	0.0262	
	410925692	12663353		100.000	

Total unknown % area = 45.8

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\CD4640023.d\CD4640023.RAW
 Injection Date: 14-AUG-2007 21:55
 Instrument: hp5890-4.1
 Client Sample ID: AR12545 0.Bng



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640024.d
Lab Smp Id: AR12622 0.1ng Client Smp ID: AR12622 0.1ng
Inj Date : 14-AUG-2007 22:14
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR12622 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1262.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.078	1.077	0.001	5054810	0.01000	0.0114
49 Aroclor 1262	4.332	4.332	0.000	2415321	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	7.750	7.749	0.001	11702216	0.02000	0.0273 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640024.d
Lab Smp Id: AR12622 0.1ng Client Smp ID: AR12622 0.1ng
Inj Date : 14-AUG-2007 22:14
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12622 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1262.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

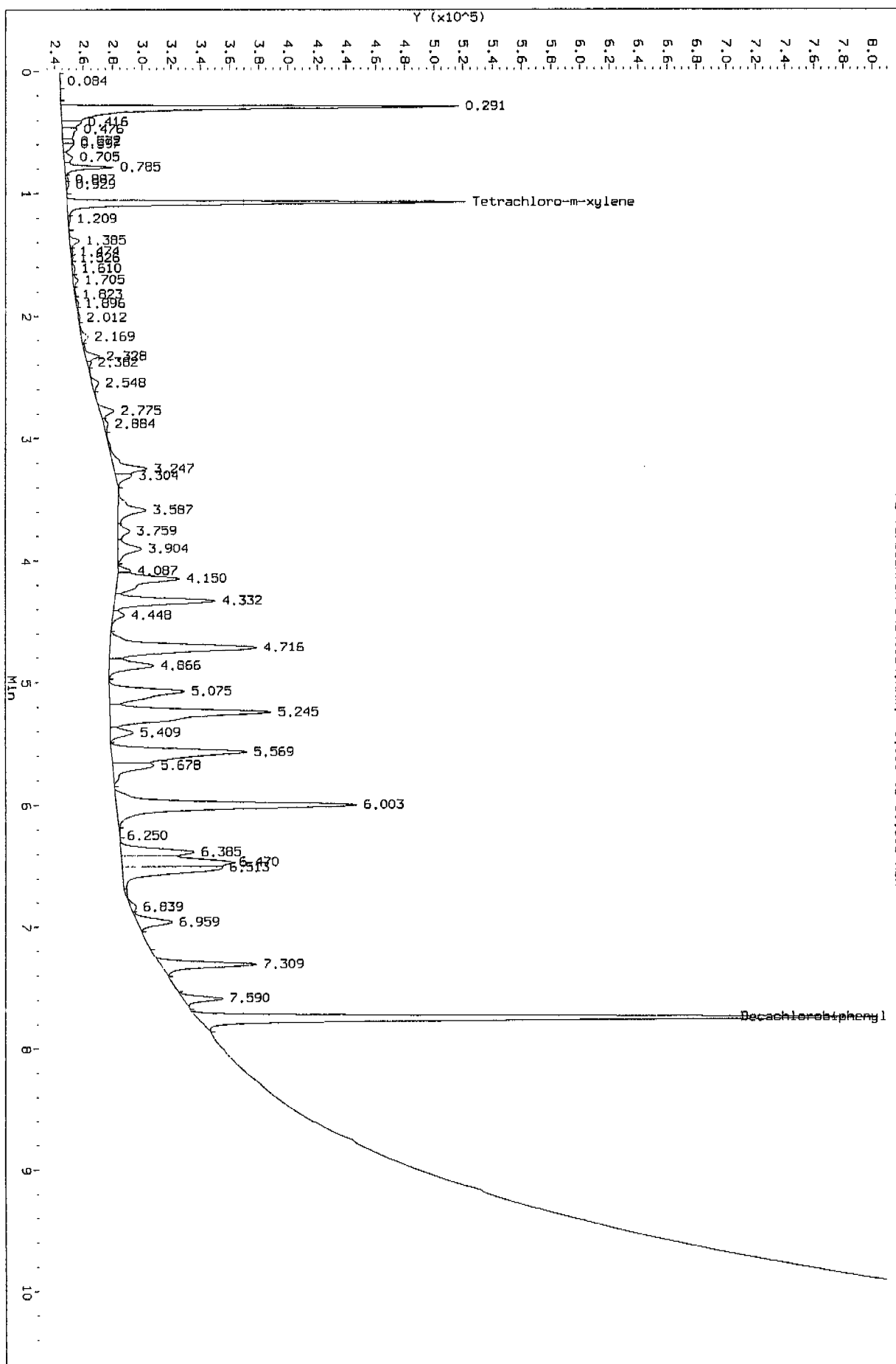
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.084	27093	630	0.023	0.0361	
0.291	5863649	273377	0.047	7.8218	
0.416	400162	13672	0.034	0.5337	
0.476	437207	10171	0.023	0.5832	
0.572	155315	7629	0.049	0.2071	
0.597	229976	7413	0.032	0.3067	
0.705	208229	6018	0.029	0.2777	
0.785	686109	33575	0.049	0.9152	
0.887	55285	2046	0.037	0.0737	
0.929	76043	2184	0.029	0.1014	
1.078	5054811	273279	0.054	6.7428	\$ 1 Tetrachloro-m-xylene
1.209	57752	1550	0.027	0.0770	
1.385	204073	6555	0.032	0.2722	
1.474	40156	1414	0.035	0.0535	
1.526	32033	1199	0.037	0.0427	
1.610	83072	1900	0.023	0.1108	
1.705	110788	3328	0.030	0.1477	
1.823	36780	863	0.023	0.0490	
1.896	63289	1713	0.027	0.0844	
2.012	67702	1262	0.019	0.0903	
2.169	190803	4595	0.024	0.2545	
2.328	325952	9741	0.030	0.4348	
2.382	70165	2925	0.042	0.0935	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.548	216287	4774	0.022	0.2885	
2.775	388335	9711	0.025	0.5180	
2.884	150039	3071	0.020	0.2001	
3.247	1098629	22567	0.021	1.4655	
3.304	353087	10985	0.031	0.4710	
3.587	993860	18995	0.019	1.3257	
3.759	356303	8065	0.023	0.4752	
3.904	782363	16173	0.021	1.0436	
4.087	188373	8279	0.044	0.2512	
4.150	2014101	42493	0.021	2.6867	
4.332	2415321	68785	0.028	3.2219	49 Aroclor 1262
4.448	318078	8009	0.025	0.4243	
4.716	4931777	100626	0.020	6.5787	
4.866	1314194	30464	0.023	1.7530	49 Aroclor 1262
4.918	0	0	---	0.0000	
5.075	2607771	51531	0.020	3.4786	
5.245	5416575	110609	0.020	7.2254	49 Aroclor 1262
5.409	601421	15779	0.026	0.8022	
5.569	4548265	92778	0.020	6.0671	
5.678	1190255	28227	0.024	1.5877	
5.842	0	0	---	0.0000	
6.003	6984265	164888	0.024	9.3166	49 Aroclor 1262
6.250	33142	605	0.018	0.0442	
6.385	1892376	50249	0.027	2.5243	
6.470	3183345	75752	0.024	4.2464	
6.513	2818477	68704	0.024	3.7597	
6.839	204273	3511	0.017	0.2724	
6.959	943610	23987	0.025	1.2587	
7.172	0	0	---	0.0000	
7.309	2085895	65930	0.032	2.7824	49 Aroclor 1262
7.590	756168	27448	0.036	1.0086	
7.750	11702217	465597	0.040	15.6125	\$ 34 Decachlorobiphenyl
=====					
	74965240	2265631		100.000	

Total unknown % area = 53.3

Data File: \\Target1.ct\Files\chem\GC\mp5890-4.1\CD4640.b\CD4640024.d\CD4640024.RAW
Injection Date: 14-AUG-2007 22:14
Instrument: mp5890-4.1
Client Sample ID: AR12622 0.1mg

PE TurboChrom C4640024.RAW: 0.000 to 10.508 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640025.d
Lab Smp Id: AR12682 0.1ng Client Smp ID: AR12682 0.1ng
Inj Date : 14-AUG-2007 22:31
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12682 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1268.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	4764904	0.01000	0.0104
50 Aroclor 1268	5.994	5.994	0.000	1310764	0.10000	0.100 (M)
\$ 34 Decachlorobiphenyl	7.748	7.749	-0.001	14602119	0.02000	0.0330 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640025.d
Lab Smp Id: AR12682 0.1ng Client Smp ID: AR12682 0.1ng
Inj Date : 14-AUG-2007 22:31
Operator : turbol Inst ID: hp5890-4.i
Smp Info : AR12682 0.1ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:26 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 22:31 Cal File: C4640025.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1268.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

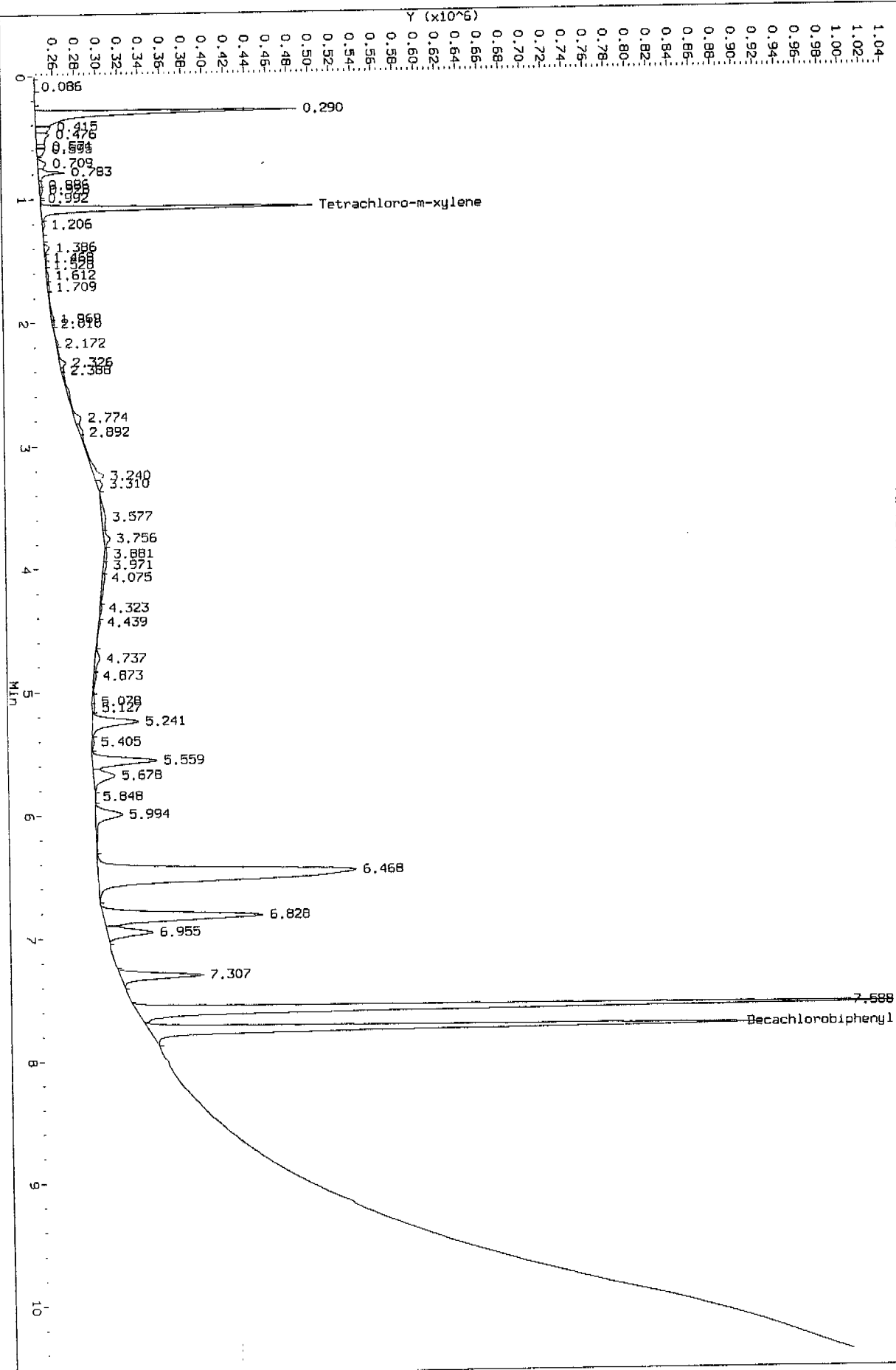
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.086	18919	514	0.027	0.0224	
0.290	5447309	246779	0.045	6.4577	
0.415	388128	13816	0.036	0.4601	
0.476	515901	12253	0.024	0.6115	
0.571	167278	8382	0.050	0.1983	
0.595	243467	8180	0.034	0.2886	
0.709	277859	7850	0.028	0.3293	
0.783	557201	24609	0.044	0.6605	
0.886	64587	2432	0.038	0.0765	
0.928	101506	2704	0.027	0.1203	
0.992	8222	847	0.103	0.0097	
1.076	4764904	256512	0.054	5.6487	\$ 1 Tetrachloro-m-xylen
1.206	78808	2297	0.029	0.0934	
1.386	145669	4734	0.032	0.1726	
1.468	37299	1336	0.036	0.0442	
1.528	29814	1013	0.034	0.0353	
1.612	87332	1800	0.021	0.1035	
1.709	68110	1750	0.026	0.0807	
1.969	163349	2124	0.013	0.1936	
2.010	58491	1736	0.030	0.0693	
2.172	103424	1827	0.018	0.1226	
2.326	228722	5869	0.026	0.2711	
2.388	58557	2332	0.040	0.0694	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.774	533991	6258	0.012	0.6330	
2.892	156704	3093	0.020	0.1857	
3.240	616209	8864	0.014	0.7305	
3.310	189694	4949	0.026	0.2248	
3.577	386341	3495	0.009	0.4580	
3.756	254181	5488	0.022	0.3013	
3.881	143779	2306	0.016	0.1704	
3.971	141271	2884	0.020	0.1674	
4.075	268474	2500	0.009	0.3182	
4.323	101690	1876	0.018	0.1205	
4.439	124240	1405	0.011	0.1472	
4.737	283698	4251	0.015	0.3363	
4.873	142467	1900	0.013	0.1688	
5.078	88180	2373	0.027	0.1045	
5.127	97013	2435	0.025	0.1150	
5.241	1696261	43543	0.026	2.0108	
5.405	100219	1973	0.020	0.1188	
5.559	2264598	60725	0.027	2.6846	
5.678	979194	20197	0.021	1.1608	
5.848	28378	809	0.029	0.0336	
5.994	1310764	25409	0.019	1.5538	50 Aroclor 1268
6.468	16530911	244367	0.015	19.5972	
6.634	0	0	---	0.0000	
6.773	0	0	---	0.0000	
6.828	6268077	150773	0.024	7.4307	50 Aroclor 1268
6.955	1706618	43063	0.025	2.0231	50 Aroclor 1268
7.175	0	0	---	0.0000	
7.307	2463282	78879	0.032	2.9201	50 Aroclor 1268
7.482	0	0	---	0.0000	
7.588	19260108	714611	0.037	22.8350	50 Aroclor 1268
7.748	14602119	575969	0.039	17.3106	\$ 34 Decachlorobiphenyl
84353312		2626091		100.000	

Total unknown % area = 40.3

Data File: \\target1.ct\Files\chem\GC\mp5890-4.1\CD4640.b\LC4640025.d\CD4640025.RAW
Injection Date: 14-AUG-2007 22:31
Instrument: mp5890-4.1
Client Sample ID: R12682 0.1mg

PE TurboChrom C4640025.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640037.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 02:00 Inst ID: hp5890-4.i
Operator : turbo1
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:43 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.076	1.076	0.000	11988472	0.02500	0.0262
2 Aroclor 1016	1.378	1.379	-0.001	3047975	0.20000	0.207 (M)
25 Aroclor 1260	4.866	4.870	-0.004	3345051	0.20000	0.209 (M)
\$ 34 Decachlorobiphenyl	7.748	7.750	-0.002	21368813	0.05000	0.0522 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640037.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 02:00 Inst ID: hp5890-4.i
Operator : turbol
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:43 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

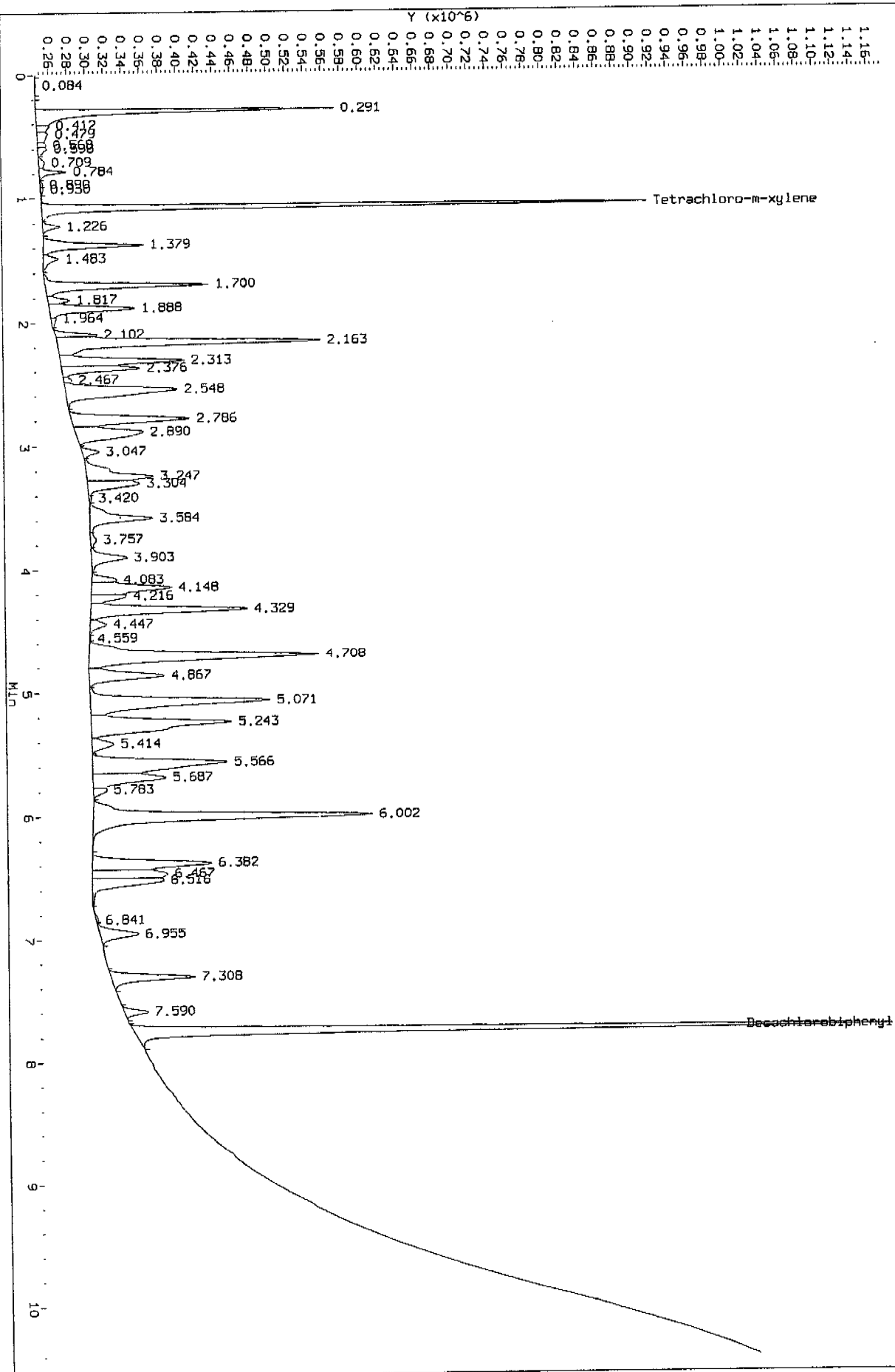
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
0.084	44755	794	0.018	0.0240	
0.291	6780624	330024	0.049	3.6393	
0.412	385727	13960	0.036	0.2070	
0.479	494996	12279	0.025	0.2656	
0.568	201698	9592	0.048	0.1082	
0.598	272756	9965	0.037	0.1463	
0.709	250685	6653	0.027	0.1345	
0.784	633195	30079	0.048	0.3398	
0.890	69013	3113	0.045	0.0370	
0.930	94003	3121	0.033	0.0504	
1.076	11988472	667694	0.056	6.4346	\$ 1 Tetrachloro-m-xylen
1.226	478442	19427	0.041	0.2567	
1.379	3047976	110657	0.036	1.6359	2 Aroclor 1016
1.483	590186	17087	0.029	0.3167	
1.700	4922776	179728	0.037	2.6422	2 Aroclor 1016
1.817	622996	24312	0.039	0.3343	
1.888	2980449	94415	0.032	1.5997	
1.964	182033	5827	0.032	0.0977	
2.102	964499	46013	0.048	0.5176	
2.163	9757487	290089	0.030	5.2371	2 Aroclor 1016
2.313	4338036	136826	0.032	2.3283	2 Aroclor 1016
2.376	2443450	86170	0.035	1.3114	2 Aroclor 1016
2.467	220119	8736	0.040	0.1181	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.548	5754964	123679	0.021	3.0888	
2.786	4797914	130142	0.027	2.5752	
2.890	3775005	74855	0.020	2.0261	
3.047	537977	18896	0.035	0.2887	
3.247	3313577	73686	0.022	1.7785	
3.304	2123147	57628	0.027	1.1395	
3.420	74431	2332	0.031	0.0399	
3.584	3019452	69368	0.023	1.6206	
3.757	331890	6727	0.020	0.1781	
3.903	1667216	39628	0.024	0.8948	
4.083	726792	27687	0.038	0.3900	
4.148	3635415	88583	0.024	1.9512	
4.216	1172348	38680	0.033	0.6292	
4.329	6105505	173164	0.028	3.2770	
4.447	674242	17953	0.027	0.3618	
4.559	25548	1158	0.045	0.0137	
4.708	11688145	253414	0.022	6.2734	
4.867	3345051	82862	0.025	1.7954	25 Aroclor 1260
5.071	8862261	198411	0.022	4.7566	25 Aroclor 1260
5.243	8204240	155379	0.019	4.4034	25 Aroclor 1260
5.414	977017	23913	0.024	0.5243	
5.566	7562075	148761	0.020	4.0588	
5.687	3661389	80847	0.022	1.9651	
5.783	489776	15232	0.031	0.2628	
6.002	12975509	308018	0.024	6.9643	25 Aroclor 1260
6.382	5414685	132234	0.024	2.9062	
6.467	3181896	83409	0.026	1.7078	
6.516	3407551	78934	0.023	1.8289	
6.841	112698	2466	0.022	0.0604	
6.955	1825721	42769	0.023	0.9799	
7.308	3019706	93249	0.031	1.6207	25 Aroclor 1260
7.590	715822	26324	0.037	0.3842	
7.748	21368813	835449	0.039	11.4723	\$ 34 Decachlorobiphenyl
	186312143	5612398		100.000	

Total unknown % area = 49.4

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\C4640037.d\C4640037.RAW
Injection Date: 15-AUG-2007 02:00
Instrument: hp5890-4.1
Client Sample ID: AR16603 0.2mg

PE TurboChrom C4640037.RAW: 0.000 to 10.427 Min



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640047.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 12:55
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: ar1660.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS	
					CAL-AMT (ug/mL)	ON-COL (ug/mL)
\$ 1 Tetrachloro-m-xylene	1.077	1.076	0.001	11718735	0.02500	0.0256
2 Aroclor 1016	1.380	1.379	0.001	3019013	0.20000	0.205 (M)
25 Aroclor 1260	4.870	4.870	0.000	3189315	0.20000	0.199 (M)
\$ 34 Decachlorobiphenyl	7.751	7.750	0.001	20401813	0.05000	0.0499 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640047.d
Lab Smp Id: AR16603 0.2ng Client Smp ID: AR16603 0.2ng
Inj Date : 15-AUG-2007 12:55 Inst ID: hp5890-4.i
Operator : turbol
Smp Info : AR16603 0.2ng
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000 Compound Sublist: ar1660.sub
Integrator: HP Genie
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

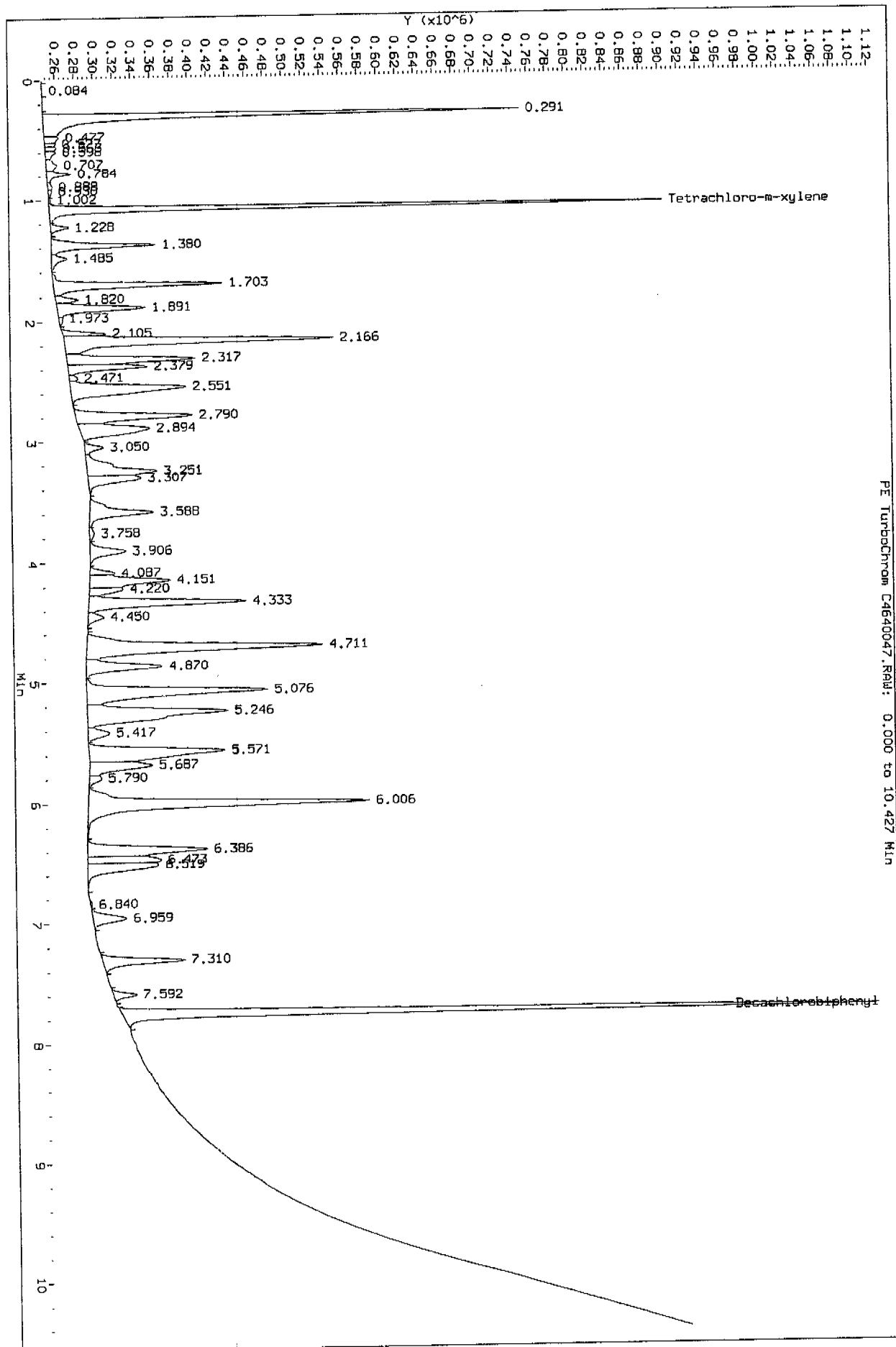
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.084	21485	621	0.029	0.0116	
0.291	11705100	506461	0.043	6.3462	
0.477	452638	15151	0.033	0.2454	
0.527	177629	11232	0.063	0.0963	
0.563	242617	11821	0.049	0.1315	
0.598	328833	11090	0.034	0.1782	
0.707	498671	11415	0.023	0.2703	
0.784	604651	25349	0.042	0.3278	
0.888	141862	4663	0.033	0.0769	
0.930	111342	3706	0.033	0.0603	
1.002	42892	1840	0.043	0.0232	
1.077	11718736	652131	0.056	6.3536	\$ 1 Tetrachloro-m-xylen
1.228	465959	19051	0.041	0.2526	
1.380	3019014	110034	0.036	1.6368	2 Aroclor 1016
1.485	559805	16416	0.029	0.3035	
1.703	4919010	178496	0.036	2.6669	2 Aroclor 1016
1.820	613158	24094	0.039	0.3324	
1.891	2948057	93180	0.032	1.5983	
1.973	134237	4261	0.032	0.0727	
2.105	947893	45018	0.047	0.5139	
2.166	9652795	284675	0.029	5.2335	2 Aroclor 1016
2.317	4314145	135932	0.032	2.3390	2 Aroclor 1016
2.379	2405426	83895	0.035	1.3041	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.471	237284	9280	0.039	0.1286	
2.551	5719461	122111	0.021	3.1009	
2.790	4536113	123324	0.027	2.4593	
2.894	3744537	74183	0.020	2.0302	
3.050	597532	19609	0.033	0.3239	
3.251	3398532	73085	0.022	1.8426	
3.307	2132541	55931	0.026	1.1562	
3.588	2895669	67106	0.023	1.5699	
3.758	236400	4905	0.021	0.1281	
3.906	1534064	38202	0.025	0.8317	
4.087	650614	25842	0.040	0.3527	
4.151	3369226	84771	0.025	1.8267	
4.220	1112936	35603	0.032	0.6034	
4.333	5856451	166965	0.029	3.1752	
4.450	590048	16337	0.028	0.3199	
4.711	11302522	250404	0.022	6.1279	
4.870	3189315	80261	0.025	1.7291	25 Aroclor 1260
5.076	8552887	191885	0.022	4.6371	25 Aroclor 1260
5.246	7894615	149195	0.019	4.2802	25 Aroclor 1260
5.417	962642	22967	0.024	0.5219	
5.571	7303371	143852	0.020	3.9597	
5.687	2782250	66152	0.024	1.5084	
5.790	479112	13152	0.027	0.2597	
6.006	12576486	297659	0.024	6.8187	25 Aroclor 1260
6.386	5187674	126855	0.024	2.8126	
6.473	2903604	77739	0.027	1.5742	
6.519	3184189	74748	0.023	1.7264	
6.840	64114	1919	0.030	0.0347	
6.959	1488578	35532	0.024	0.8070	
7.310	2851929	87229	0.031	1.5462	25 Aroclor 1260
7.592	678383	24722	0.036	0.3678	
7.752	20401814	800460	0.039	11.0641	\$ 34 Decachlorobiphenyl
	184440842	5612517		100.000	

Total unknown % area = 50.4

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\CD4640047.d\CD4640047.RAW
Injection Date: 15-AUG-2007 12:55
Instrument: hp5890-4.1
Client Sample ID: AR16003 0.2mg

PE TurboChrom C4640047.RAW: 0.000 to 10.427 Min



Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Method Blank - Batch: 220-8593

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 220-8593/1-A

Analysis Batch: 220-8634

Instrument ID: HP 5890 with dual ECD

Client Matrix: Water

Prep Batch: 220-8593

Lab File ID: D4640042.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 08/15/2007 1126

Final Weight/Volume: 10.0 mL

Date Prepared: 08/13/2007 1800

Injection Volume:

Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.50	U	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.038	J M	0.024	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	72	53 - 144
DCB Decachlorobiphenyl	82	29 - 156

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	69	53 - 144
DCB Decachlorobiphenyl	82	29 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica Connecticut

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640042.d
Lab Smp Id: MB 220-8593/1-A Client Smp ID: MB 220-8593/1-A
Inj Date : 15-AUG-2007 11:26 Inst ID: hp5890-4.i
Operator : turbol
Smp Info : MB 220-8593/1-A
Misc Info : MB
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.836	1.835	0.001	22011668	0.01444	0.144 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260	7.070	7.070	0.000	0	0.00772	0.0772 (M)
\$ 34 Decachlorobiphenyl	8.780	8.782	-0.002	20251853	0.01647	0.165 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640042.d
Lab Smp Id: MB 220-8593/1-A Client Smp ID: MB 220-8593/1-A
Inj Date : 15-AUG-2007 11:26
Operator : turbol Inst ID: hp5890-4.i
Smp Info : MB 220-8593/1-A
Misc Info : MB
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

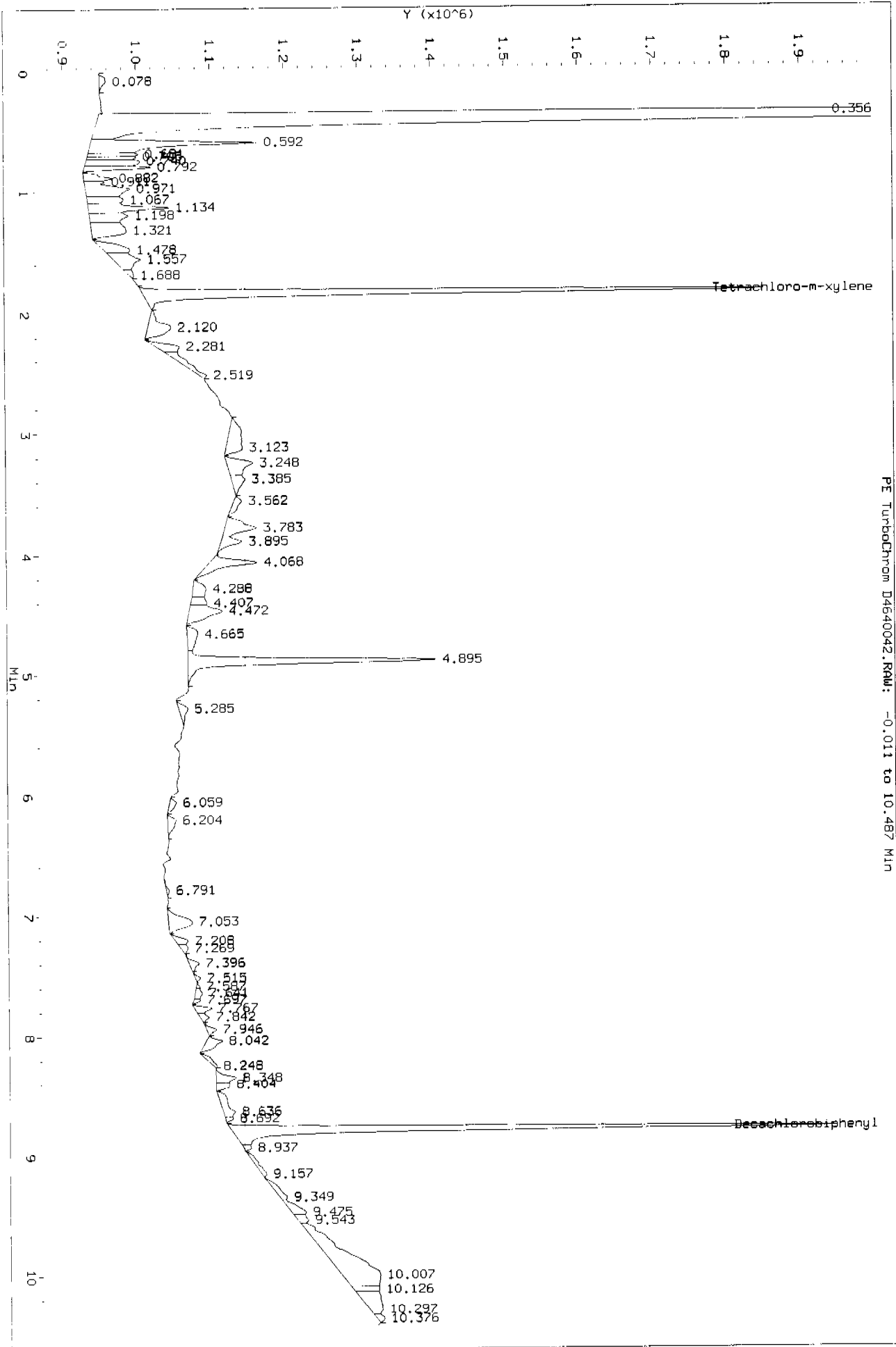
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.078	361045	8066	0.022	0.1267	
0.356	145704295	4782554	0.033	51.1617	
0.592	7362362	226015	0.031	2.5850	
0.681	1173658	68758	0.059	0.4120	
0.705	957053	66948	0.070	0.3360	
0.740	2284480	74031	0.032	0.8021	
0.792	1734496	91107	0.053	0.6090	
0.882	1029555	38879	0.038	0.3614	
0.911	388985	27302	0.070	0.1365	
0.971	3061667	60878	0.020	1.0749	
1.067	1555814	49503	0.032	0.5462	
1.134	3302346	109873	0.033	1.1594	
1.198	2194424	52914	0.024	0.7704	
1.321	3092695	47753	0.015	1.0858	
1.478	1675348	35463	0.021	0.5882	
1.557	2148332	36355	0.017	0.7543	
1.688	315284	5533	0.018	0.1106	
1.837	22011668	842554	0.038	7.7285	\$ 1 Tetrachloro-m-xylen
2.120	2287932	31582	0.014	0.8033	
2.281	1183050	29996	0.025	0.4153	
2.519	1400404	9218	0.007	0.4916	
3.123	2693164	22223	0.008	0.9456	
3.248	2039079	35235	0.017	0.7159	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.385	1037634	18033	0.017	0.3643	
3.562	662725	9814	0.015	0.2326	
3.783	2249430	42671	0.019	0.7898	
3.895	1091164	28305	0.026	0.3831	
4.068	2800770	65083	0.023	0.9833	
4.288	1177364	17582	0.015	0.4133	
4.407	824071	22262	0.027	0.2893	
4.472	2654029	44841	0.017	0.9318	
4.665	1355227	14644	0.011	0.4758	
4.895	10652256	336881	0.032	3.7401	
5.285	693942	12306	0.018	0.2436	
6.059	423598	9011	0.021	0.1487	
6.204	672102	11205	0.017	0.2359	
6.791	137797	4046	0.029	0.0483	
7.053	2058269	32225	0.016	0.7226	
7.208	588307	17089	0.029	0.2065	29 Aroclor 1260
7.269	349853	9233	0.026	0.1228	
7.396	489542	13176	0.027	0.1718	
7.515	178114	7006	0.039	0.0625	
7.587	86914	4799	0.055	0.0305	
7.641	414882	9718	0.023	0.1456	
7.697	167868	8950	0.053	0.0589	
7.767	614950	22899	0.037	0.2159	29 Aroclor 1260
7.842	365226	11561	0.032	0.1282	
7.946	376921	12861	0.034	0.1323	
8.042	1062035	22016	0.021	0.3728	
8.248	394771	4775	0.012	0.1386	
8.348	969537	26967	0.028	0.3404	
8.404	621353	18240	0.029	0.2181	29 Aroclor 1260
8.636	1342775	16350	0.012	0.4714	
8.692	230309	10589	0.046	0.0808	
8.780	20251853	823396	0.041	7.1106	\$ 34 Decachlorobiphenyl
8.937	260169	9796	0.038	0.0913	
9.157	662978	6327	0.010	0.2327	
9.349	785752	9458	0.012	0.2758	
9.475	1017955	19193	0.019	0.3574	
9.543	556380	13572	0.024	0.1953	
10.007	10647646	51888	0.005	3.7385	
10.126	886466	35311	0.040	0.3112	
10.297	2685870	17751	0.007	0.9430	
10.376	353772	9985	0.028	0.1242	
=====	=====	=====	=====	=====	
	284809705	8634555		100.000	

Total unknown % area = 84.5

Data File: \\Target1.ctv\Files\chem\GC\hp5890-4.1\CD4640.b\D4640042.d\D4640042.RAW
Injection Date: 15-AUG-2007 11:26
Instrument: hp5890-4.1
Client Sample ID: MB 220-8593/1-A



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640042.d
Lab Smp Id: MB 220-8593/1-A Client Smp ID: MB 220-8593/1-A
Inj Date : 15-AUG-2007 11:26 Inst ID: hp5890-4.i
Operator : turbol
Smp Info : MB 220-8593/1-A
Misc Info : MB
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro m-xylene	1.080	1.076	0.004	6276067	0.01373	0.137 (M)
2 Aroclor 1016				Compound Not Detected.		
5 Aroclor 1232				Compound Not Detected.		
6 Aroclor 1221				Compound Not Detected.		
8 Aroclor 1242				Compound Not Detected.		
11 Aroclor 1248				Compound Not Detected.		
18 Aroclor 1254				Compound Not Detected.		
25 Aroclor 1260	4.870	4.870	0.000	0	0.00381	0.0381 (M)
\$ 34 Decachlorobiphenyl	7.753	7.750	0.003	6721481	0.01644	0.164 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640042.d
Lab Smp Id: MB 220-8593/1-A Client Smp ID: MB 220-8593/1-A
Inj Date : 15-AUG-2007 11:26
Operator : turbol Inst ID: hp5890-4.i
Smp Info : MB 220-8593/1-A
Misc Info : MB
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

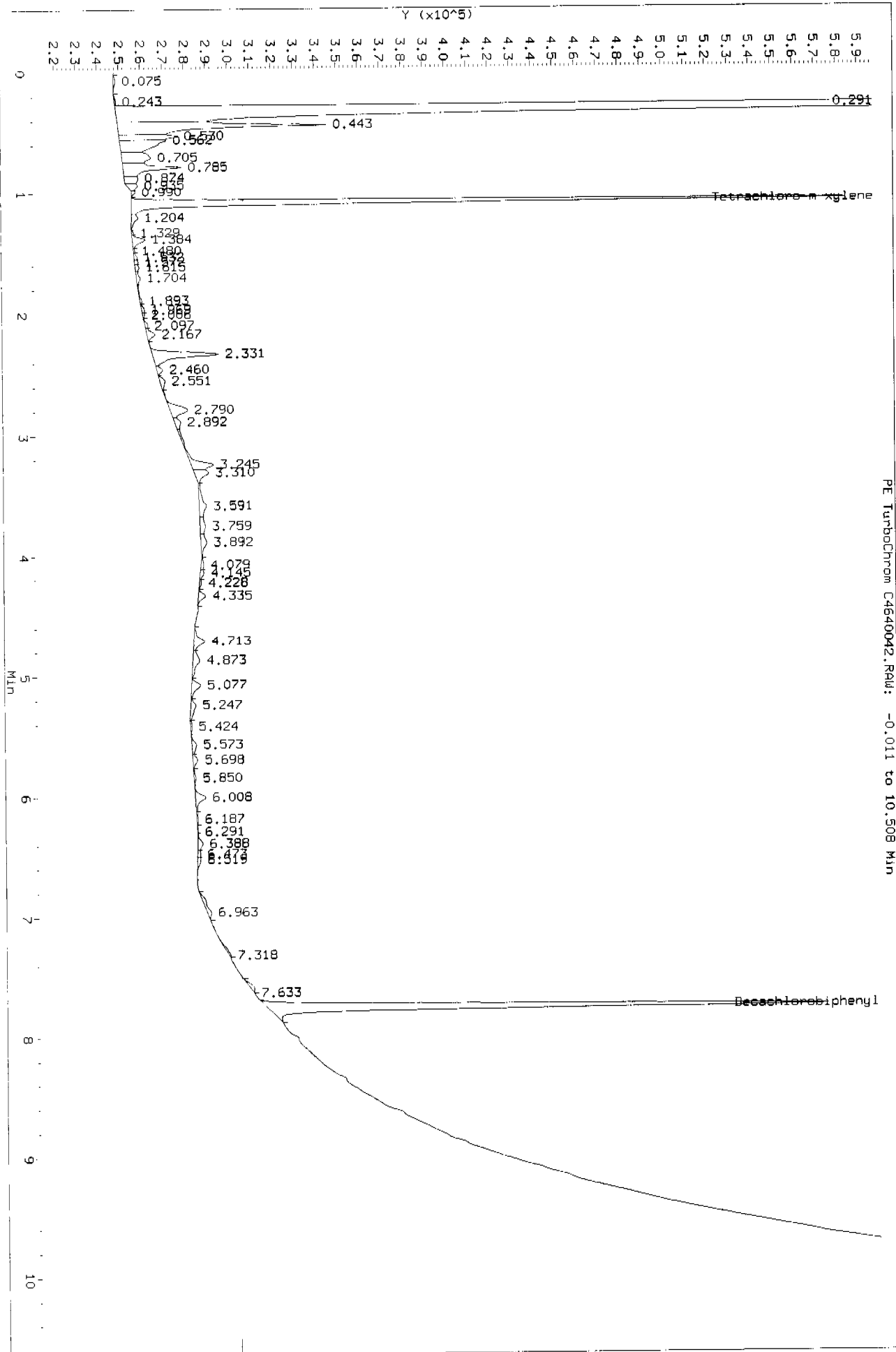
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.075	35695	774	0.022	0.0535	
0.243	15345	419	0.027	0.0230	
0.291	41265049	2129707	0.052	61.9264	
0.443	2907959	95949	0.033	4.3637	
0.530	640695	26874	0.042	0.9614	
0.562	942859	21361	0.023	1.4148	
0.705	627824	13328	0.021	0.9421	
0.785	877347	26675	0.030	1.3165	
0.874	211606	6198	0.029	0.3175	
0.935	134839	4674	0.035	0.2023	
0.990	40945	1818	0.044	0.0614	
1.080	6276067	328442	0.052	9.4180	\$ 1 Tetrachloro-m-xylen
1.204	115462	2932	0.025	0.1732	
1.329	17610	985	0.056	0.0264	
1.384	199123	5977	0.030	0.2988	
1.480	14174	661	0.047	0.0212	
1.532	37296	1487	0.040	0.0559	
1.572	37888	1621	0.043	0.0568	
1.615	50835	1763	0.035	0.0762	
1.704	79927	1840	0.023	0.1199	
1.893	54347	998	0.018	0.0815	
1.969	43415	1284	0.030	0.0651	
2.006	20012	871	0.044	0.0300	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
2.097	41637	1328	0.032	0.0624	
2.167	130269	3664	0.028	0.1954	
2.331	954548	30483	0.032	1.4324	
2.460	73557	2638	0.036	0.1103	
2.551	100754	2284	0.023	0.1511	
2.790	386461	8080	0.021	0.5799	
2.892	116191	2679	0.023	0.1743	
3.245	449801	10053	0.022	0.6749	
3.310	262928	6431	0.024	0.3945	
3.591	302039	3375	0.011	0.4532	
3.759	167976	2430	0.014	0.2520	
3.892	179530	2652	0.015	0.2694	
4.079	57585	1286	0.022	0.0864	
4.145	60026	1649	0.027	0.0900	
4.228	30422	869	0.029	0.0456	
4.335	118983	3272	0.027	0.1785	
4.713	247664	5052	0.020	0.3716	
4.873	222347	3104	0.014	0.3336	
5.077	186107	4066	0.022	0.2792	25 Aroclor 1260
5.247	144067	2316	0.016	0.2161	25 Aroclor 1260
5.424	36377	656	0.018	0.0545	
5.573	117648	2192	0.019	0.1765	
5.698	97025	2316	0.024	0.1455	
5.850	42049	825	0.020	0.0630	25 Aroclor 1260
6.008	216353	4781	0.022	0.3246	
6.187	35237	604	0.017	0.0528	
6.291	9783	233	0.024	0.0146	
6.388	104214	2344	0.022	0.1563	
6.473	43992	1315	0.030	0.0660	
6.519	67266	1422	0.021	0.1009	
6.963	149375	1806	0.012	0.2241	
7.318	45625	597	0.013	0.0684	
7.633	73306	0	0.000	0.1100	
7.753	6721482	258391	0.038	10.0864	\$ 34 Decachlorobiphenyl
=====	=====	=====	=====	=====	=====
	66638937	3051831		100.000	

Total unknown % area = 79.7

Data File: \\Target1.ctv\files\chem\GC\hp5890-4.1\CD4640.b\CD4640042.d\CD4640042.RAW
Injection Date: 15-AUG-2007 11:26
Instrument: hp5890-4.1
Client Sample ID: MB 220-8593/1-A



Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Method Blank - Batch: 220-8533

Method: 8082
Preparation: 3510C

Lab Sample ID: MB 220-8533/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 0953
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533
Units: ug/L

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639288.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	0.50	U	0.057	0.50
PCB-1221	1.0	U	0.11	1.0
PCB-1232	0.50	U	0.081	0.50
PCB-1242	0.50	U	0.072	0.50
PCB-1248	0.50	U	0.060	0.50
PCB-1254	0.50	U	0.094	0.50
PCB-1260	0.50	U	0.024	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	90	53 - 144
DCB Decachlorobiphenyl	82	29 - 156

Lab Control Spike - Batch: 220-8533

Method: 8082
Preparation: 3510C

Lab Sample ID: LCS 220-8533/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1010
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533
Units: ug/L

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639289.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.93	99	50 - 122	M
PCB-1260	5.00	4.34	87	52 - 118	M

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	94	53 - 144
DCB Decachlorobiphenyl	64	29 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica Connecticut

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639288.d
Lab Smp Id: MB 220-8533/1-A Client Smp ID: MB 220-8533/1-A
Inj Date : 10-AUG-2007 09:53
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : MB 220-8533/1-A
Misc Info : 288
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.693	1.695	-0.002	29970329	0.01796	0.180 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	21142085	0.01631	0.163 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1 ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639288.d
Lab Smp Id: MB 220-8533/1-A Client Smp ID: MB 220-8533/1-A
Inj Date : 10-AUG-2007 09:53
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : MB 220-8533/1-A
Misc Info : 288
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1 ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:33 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

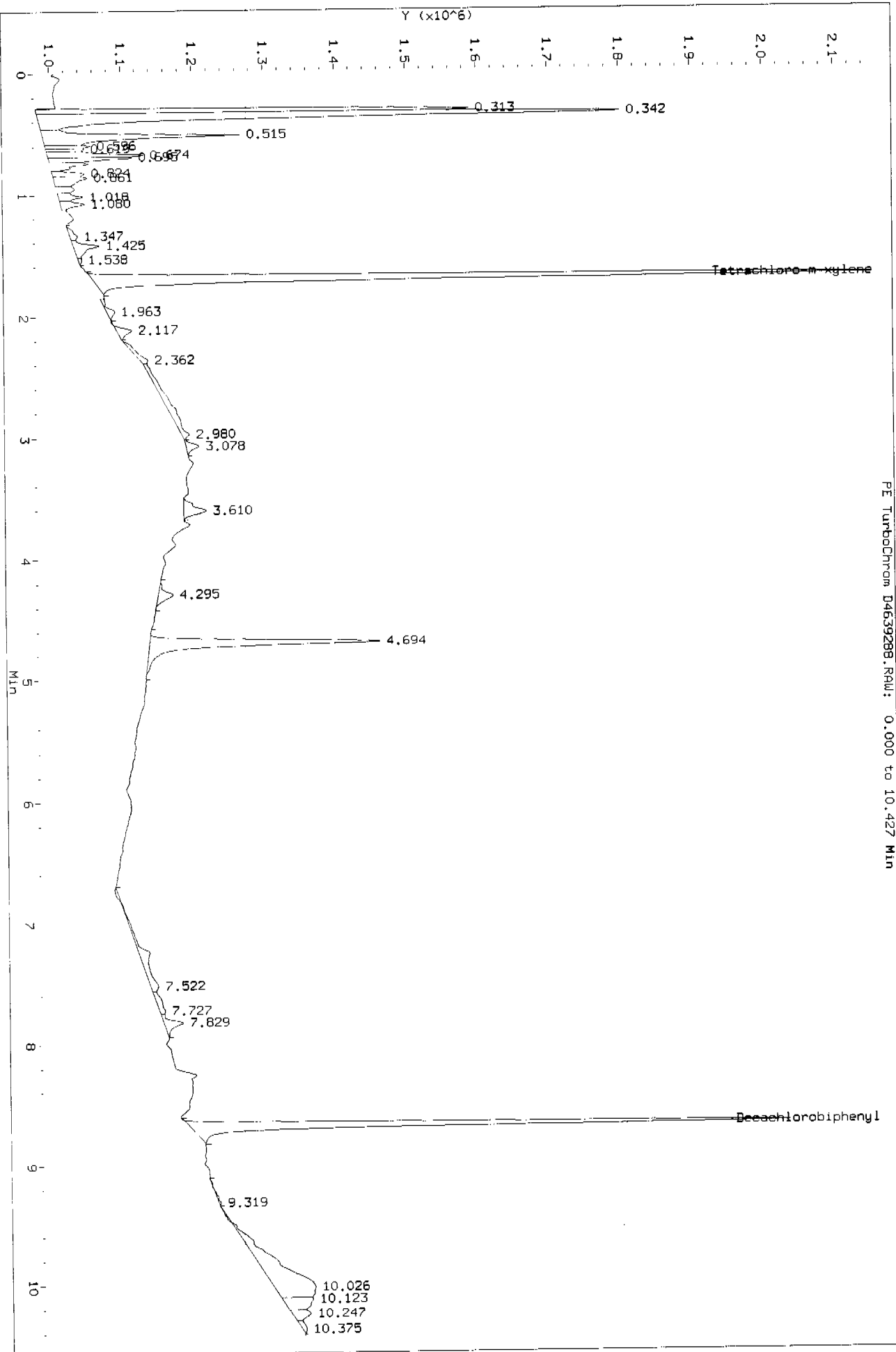
RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.313	11867600	608411	0.051	8.0427	
0.342	24531169	818994	0.033	16.6249	
0.515	8080656	277708	0.034	5.4763	
0.596	1060177	63436	0.060	0.7184	
0.619	721220	54021	0.075	0.4887	
0.674	3026496	135407	0.045	2.0510	
0.695	1955811	117645	0.060	1.3254	
0.824	967568	44960	0.046	0.6557	
0.861	1730322	47022	0.027	1.1726	
1.018	1003150	34028	0.034	0.6798	
1.080	911210	33994	0.037	0.6175	
1.347	452411	10477	0.023	0.3066	
1.425	1348722	36326	0.027	0.9140	
1.538	107353	4523	0.042	0.0727	
1.693	29970329	1095500	0.037	20.3125	\$ 1 Tetrachloro-m-xylene
1.963	553358	11002	0.020	0.3750	
2.117	714936	21058	0.029	0.4845	
2.362	691950	10657	0.015	0.4689	
2.980	2686934	10697	0.004	1.8209	
3.078	591058	17878	0.030	0.4005	
3.610	1402845	31250	0.022	0.9507	
4.295	1024112	20646	0.020	0.6940	
4.694	12210217	323299	0.026	8.2749	

Data File: D4639288.d
Report Date: 10-Aug-2007 11:34

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.522	2284319	10896	0.005	1.5480	
7.727	814982	8132	0.010	0.5523	
7.829	1148424	26935	0.023	0.7782	
8.673	21142085	844647	0.040	14.3281	\$ 34 Decachlorobiphenyl
9.319	156498	2781	0.018	0.1060	
10.026	10742254	57198	0.005	7.2800	
10.123	2195790	42907	0.020	1.4881	
10.247	1093124	25642	0.023	0.7408	
10.375	369404	5615	0.015	0.2503	
	147556484	4853692		100.000	

Total unknown % area = 65.4

Data File: \\target1.ctv\files\chem\GC\hp5890-4.1\CD4639239.b\CD4639288.d\CD4639288.RAW
Injection Date: 10-AUG-2007 09:53
Instrument: hp5890-4.1
Client Sample ID: MB 220-8533/1-A



STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639289.d
Lab Smp Id: LCS 220-8533/3-A Client Smp ID: LCS 220-8533/3-A
Inj Date : 10-AUG-2007 10:10
Operator : turbol Inst ID: hp5890-4.i
Smp Info : LCS 220-8533/3-A
Misc Info : 289
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 15-Aug-2007 14:46 michele Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.10
Processing Host: CONRPT2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
Compounds	RT	EXP RT	DLT RT	RESPONSE	(ug/mL)	(ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	31314405	0.01876	0.188 (M)
2 Aroclor 1016	2.290	2.292	-0.002	17338225	0.49305	4.93 (M)
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260	7.015	7.032	-0.017	39431381	0.43396	4.34 (M)
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	16596479	0.01280	0.128 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639289.d
Lab Smp Id: LCS 220-8533/3-A Client Smp ID: LCS 220-8533/3-A
Inj Date : 10-AUG-2007 10:10
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : LCS 220-8533/3-A
Misc Info : 289
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 15-Aug-2007 14:46 michele Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.10
Processing Host: CONRPT2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

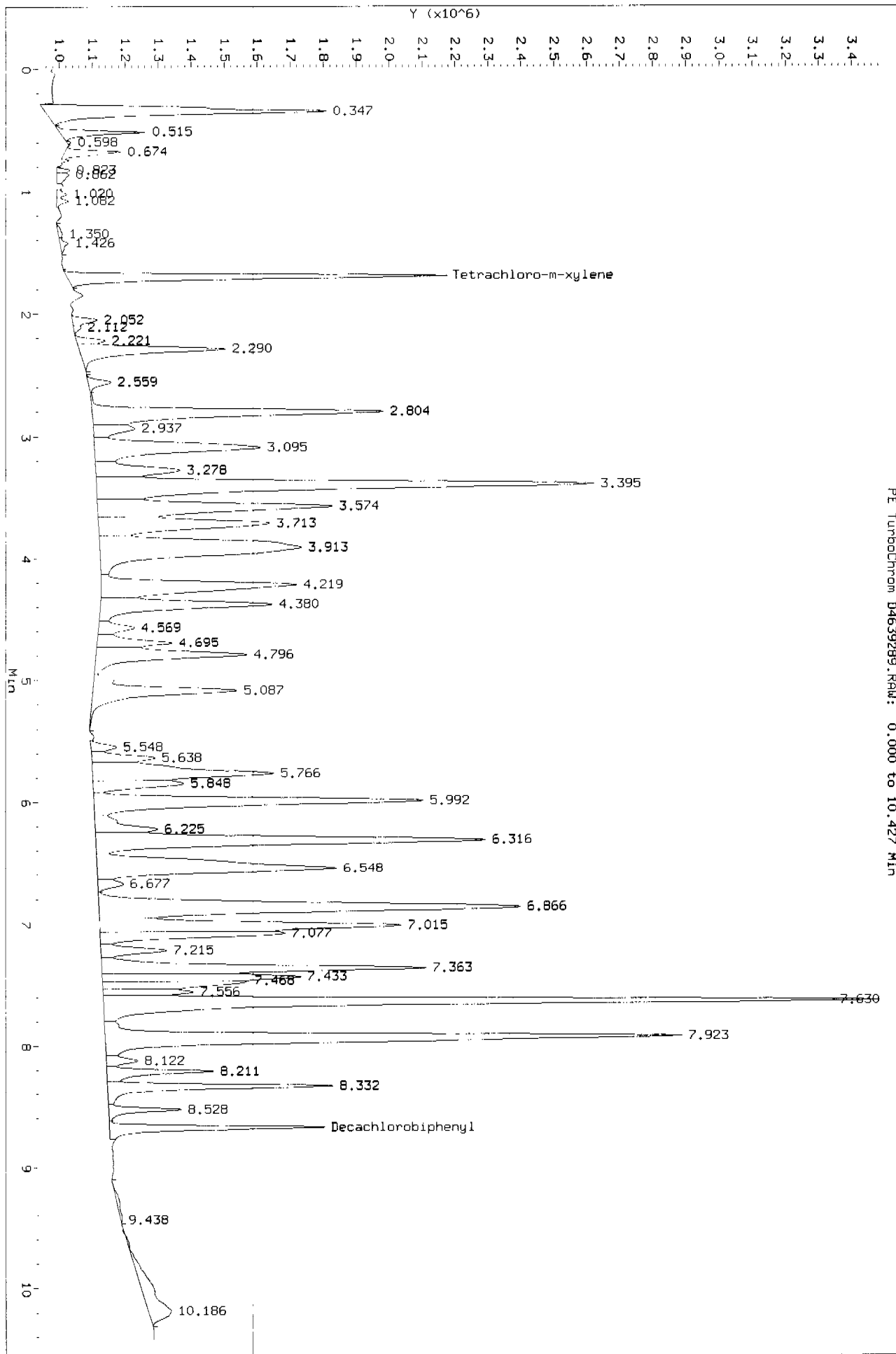
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.347	32737673	851205	0.026	2.8592	
0.515	5794877	259958	0.045	0.5061	
0.598	118485	11788	0.099	0.0103	
0.674	4251008	170874	0.040	0.3713	
0.823	768714	39778	0.052	0.0671	
0.862	1359654	37256	0.027	0.1187	
1.020	845706	30953	0.037	0.0739	
1.082	901974	35396	0.039	0.0788	
1.350	526152	11994	0.023	0.0460	
1.426	904310	24642	0.027	0.0790	
1.697	31314405	1153395	0.037	2.7349	\$ 1 Tetrachloro-m-xylen
2.052	2238919	76096	0.034	0.1955	
2.112	517207	22950	0.044	0.0452	
2.221	2081327	86130	0.041	0.1818	
2.290	17338226	442468	0.026	1.5142	2 Aroclor 1016
2.559	2366654	69720	0.029	0.2067	
2.804	37785696	882386	0.023	3.3000	2 Aroclor 1016
2.937	5700712	125393	0.022	0.4979	
3.095	28352102	502884	0.018	2.4761	
3.278	12336737	255190	0.021	1.0774	
3.395	73573020	1509289	0.021	6.4255	2 Aroclor 1016
3.574	35876579	711129	0.020	3.1333	
3.713	28953962	518500	0.018	2.5287	2 Aroclor 1016

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
3.913	52945135	611216	0.012	4.6240	
4.219	32322021	591963	0.018	2.8229	2 Aroclor 1016
4.380	24106109	519775	0.022	2.1053	
4.569	4683004	109081	0.023	0.4090	
4.695	9459725	227007	0.024	0.8262	
4.796	21846546	456719	0.021	1.9080	
5.087	22953071	436468	0.019	2.0046	
5.548	2582517	76556	0.030	0.2255	
5.638	6851382	191836	0.028	0.5984	
5.766	29952148	549190	0.018	2.6159	
5.848	10739091	274878	0.026	0.9379	
5.992	44504660	997520	0.022	3.8868	
6.225	8617298	190265	0.022	0.7526	
6.316	54318459	1181824	0.022	4.7439	
6.548	45751678	726032	0.016	3.9957	
6.677	2971822	77961	0.026	0.2595	
6.866	67786396	1278644	0.019	5.9202	
7.015	39431382	913794	0.023	3.4438	29 Aroclor 1260
7.077	18801441	561348	0.030	1.6420	
7.215	7267274	199777	0.027	0.6347	
7.363	36254280	983844	0.027	3.1663	29 Aroclor 1260
7.433	20001902	603000	0.030	1.7469	29 Aroclor 1260
7.468	13775543	439298	0.032	1.2031	
7.556	7164309	273932	0.038	0.6257	
7.630	87529585	2351569	0.027	7.6444	29 Aroclor 1260
7.923	77005858	1751158	0.023	6.7253	
8.122	3370339	96150	0.029	0.2944	
8.211	9661394	323291	0.033	0.8438	
8.332	20164166	683850	0.034	1.7610	29 Aroclor 1260
8.528	5788153	220599	0.038	0.5055	
8.674	16596479	652977	0.039	1.4495	\$ 34 Decachlorobiphenyl
9.438	1095286	4315	0.004	0.0957	
10.186	12066984	69224	0.006	1.0539	
=====	=====	=====	=====	=====	
	1145009529	26454435		100.000	

Total unknown % area = 61.5

Data File: \\target1.ct\Files\chem\GC\hp5890-4.1\CD4639239.b\CD4639289.d\CD4639289.RAW
Injection Date: 10-AUG-2007 10:10
Instrument: hp5890-4.1
Client Sample ID: LCS 220-8533/2-A



FORM 1
8082 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: D4639286

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted:

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 08/10/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
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12674-11-2-----Aroclor 1016	0.500	U
11104-28-2-----Aroclor 1221	1.00	U
11141-16-5-----Aroclor 1232	0.500	U
53469-21-9-----Aroclor 1242	0.500	U
12672-29-6-----Aroclor 1248	0.500	U
11097-69-5-----Aroclor 1254	0.500	U
11096-82-5-----Aroclor 1260	0.500	U

FORM I 8082

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639286.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 10-AUG-2007 04:21
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : 286
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:05 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	30862551	0.01849	0.185 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.671	8.695	-0.024	29492158	0.02275	0.228 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

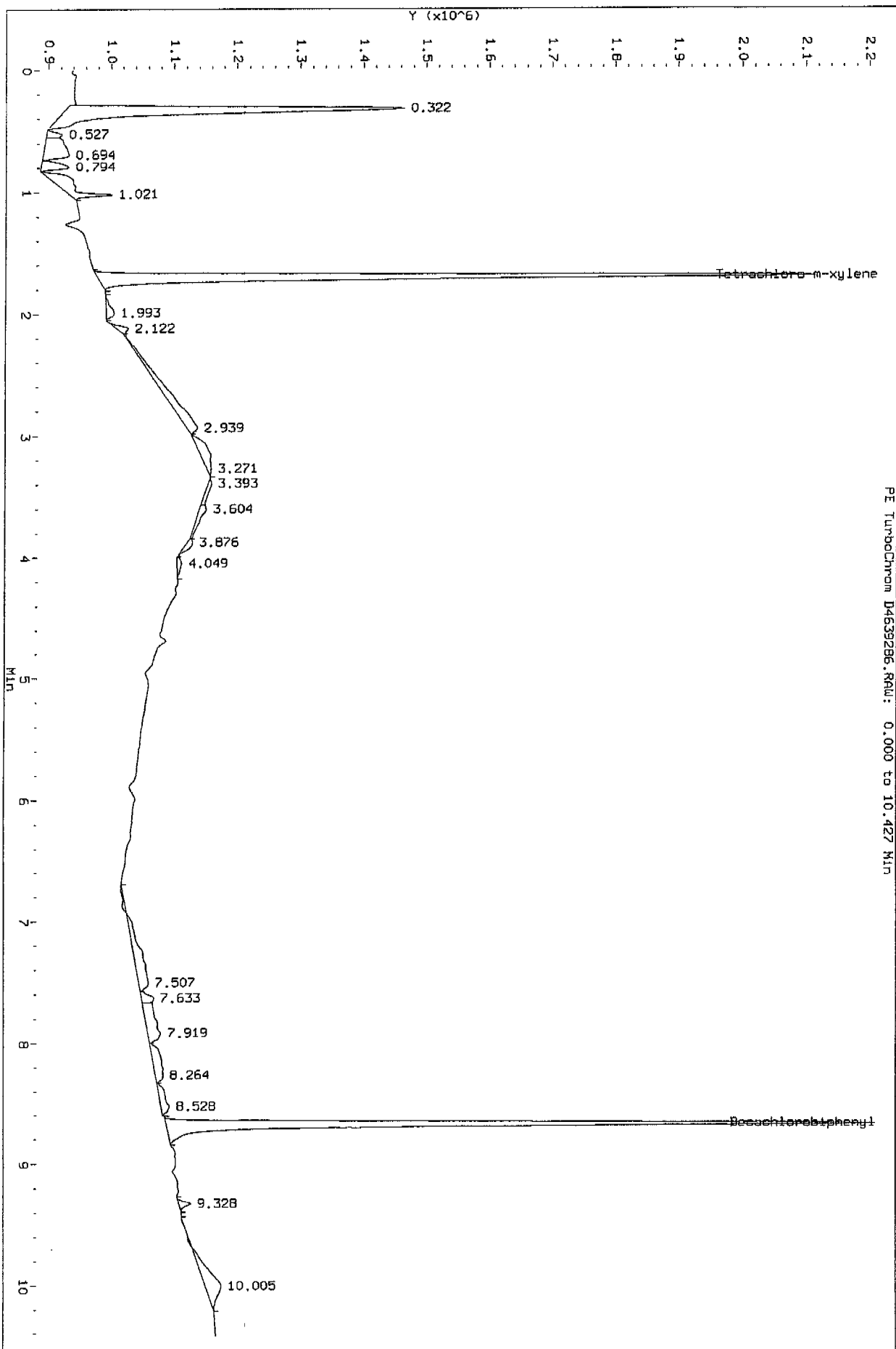
SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639286.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 10-AUG-2007 04:21
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : 286
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 10-Aug-2007 08:05 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.322	21050219	538083	0.026	17.7891	
0.527	614942	25088	0.041	0.5196	
0.694	3511331	41156	0.012	2.9673	
0.794	1590899	44060	0.028	1.3444	
1.021	3834372	67941	0.018	3.2403	
1.695	30862551	1137140	0.037	26.0823	\$ 1 Tetrachloro-m-xylen
1.993	826731	13094	0.016	0.6986	
2.122	580524	18542	0.032	0.4905	
2.939	4887867	17010	0.003	4.1306	
3.271	2295881	7423	0.003	1.9402	
3.393	698436	5800	0.008	0.5902	
3.604	1045942	11347	0.011	0.8839	
3.876	570203	8132	0.014	0.4818	
4.049	442503	7126	0.016	0.3739	
7.507	3835148	15361	0.004	3.2410	
7.633	790174	19635	0.025	0.6677	
7.919	3237627	20553	0.006	2.7360	
8.264	2319435	12322	0.005	1.9601	
8.528	1497707	13078	0.009	1.2656	
8.672	29492158	1119975	0.038	24.9232	\$ 34 Decachlorobiphenyl
9.328	495961	18537	0.037	0.4191	
10.005	3851252	25181	0.007	3.2546	
=====					
	118331862	3186584		100.000	

Data File: \\target1.ctfiles\chem\GC\hps890-4.1\CD4639239.b\CD4639286.d\CD4639286.RAW
 Injection Date: 10-AUG-2007 04:21
 Instrument: hps890-4.1
 Client Sample ID: FIBLK



FORM 1
8082 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: D4639304

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted:

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 08/10/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

12674-11-2-----Aroclor 1016	0.500	U
11104-28-2-----Aroclor 1221	1.00	U
11141-16-5-----Aroclor 1232	0.500	U
53469-21-9-----Aroclor 1242	0.500	U
12672-29-6-----Aroclor 1248	0.500	U
11097-69-5-----Aroclor 1254	0.500	U
11096-82-5-----Aroclor 1260	0.500	U

FORM I 8082

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639304.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 10-AUG-2007 15:59
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : 304
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 12-Aug-2007 19:59 kim Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.695	1.695	0.000	29519440	0.01775	0.177 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	27104409	0.02091	0.209 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639304.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 10-AUG-2007 15:59
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : 304
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 12-Aug-2007 19:59 kim Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGCMGR1

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

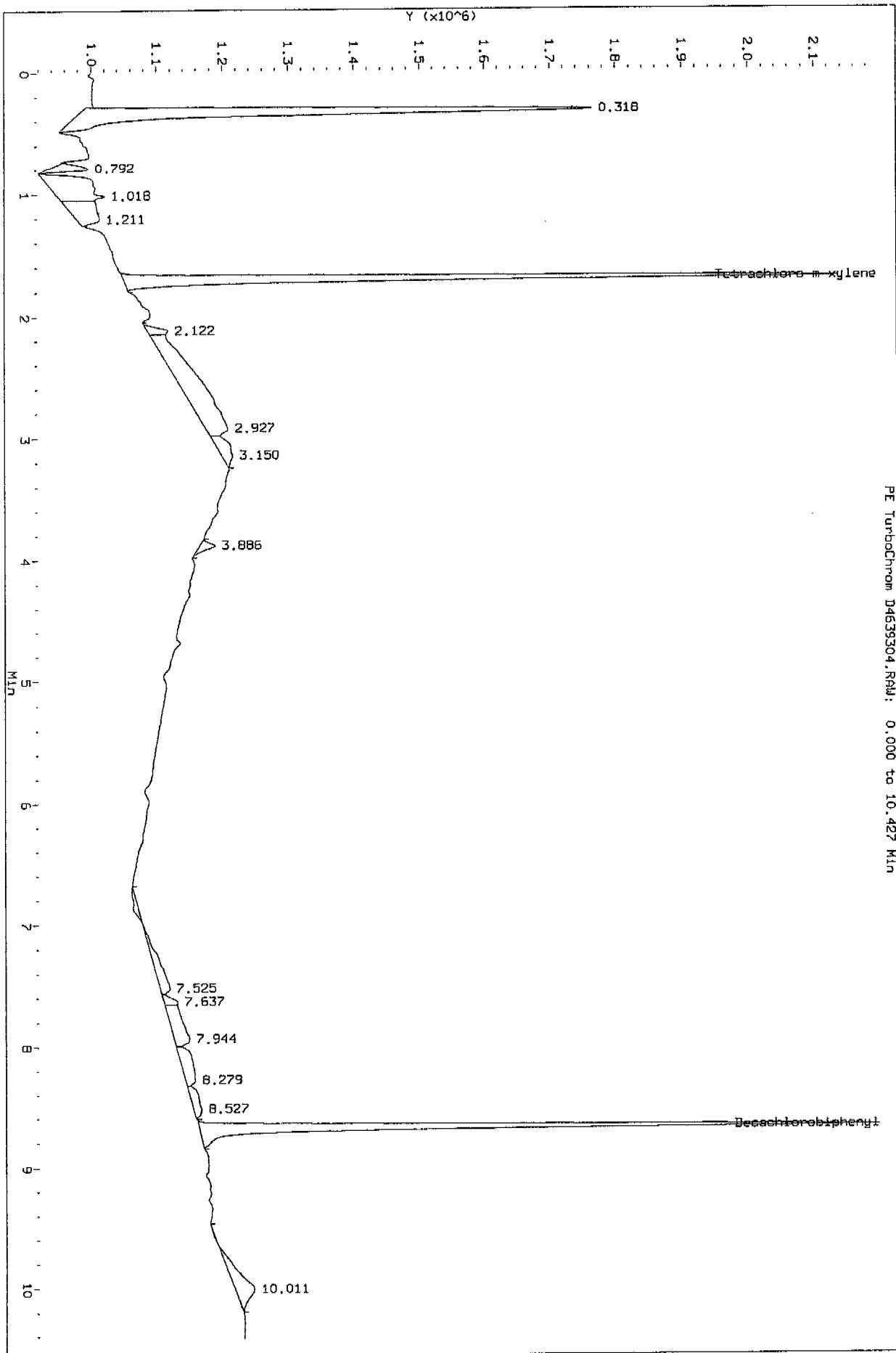
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.318	30873800	780155	0.025	22.0952	
0.792	1892747	61581	0.033	1.3545	
1.018	8326621	71806	0.009	5.9588	
1.211	4622439	33402	0.007	3.3080	
1.695	29619440	1085213	0.037	21.1968	\$ 1 Tetrachloro-m-xylene
2.122	1087574	30709	0.028	0.7783	
2.927	16342572	33712	0.002	11.6954	
3.150	2376431	16662	0.007	1.7006	
3.886	921998	23566	0.026	0.6598	
7.525	2280864	14697	0.006	1.6322	
7.637	800880	21156	0.026	0.5731	
7.944	4161847	23268	0.006	2.9783	
8.279	3191177	15099	0.005	2.2837	
8.527	1789041	12398	0.007	1.2803	
8.673	27104409	1033105	0.038	19.3970	\$ 34 Decachlorobiphenyl
10.011	4342983	28937	0.007	3.1080	
	139734823	3285466		100.000	

Total unknown % area = 59.4

Data File: \\target1.ctv\files\chem\GC\hp5890-4.1\CD4639239.b\CD4639304.d\CD4639304.RAW
Injection Date: 10-AUG-2007 15:59
Instrument: hp5890-4.1
Client Sample ID: P1BLK

PE Turbochrom D4639304.RAW: 0.000 to 10.427 Min



FORM 1
8082 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: D4640039

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted:

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 08/15/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

12674-11-2-----Aroclor 1016	0.500	U
11104-28-2-----Aroclor 1221	1.00	U
11141-16-5-----Aroclor 1232	0.500	U
53469-21-9-----Aroclor 1242	0.500	U
12672-29-6-----Aroclor 1248	0.500	U
11097-69-5-----Aroclor 1254	0.500	U
11096-82-5-----Aroclor 1260	0.500	U

FORM I 8082

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640039.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 02:35 Inst ID: hp5890-4.i
Operator : turbol
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 10:01 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000 Compound Sublist: pcb.sub
Integrator: HP Genie
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.833	1.835	-0.002	27853207	0.01827	0.183 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.780	8.782	-0.002	27986064	0.02276	0.228 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640039.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 02:35
Operator : turbol Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 10:01 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

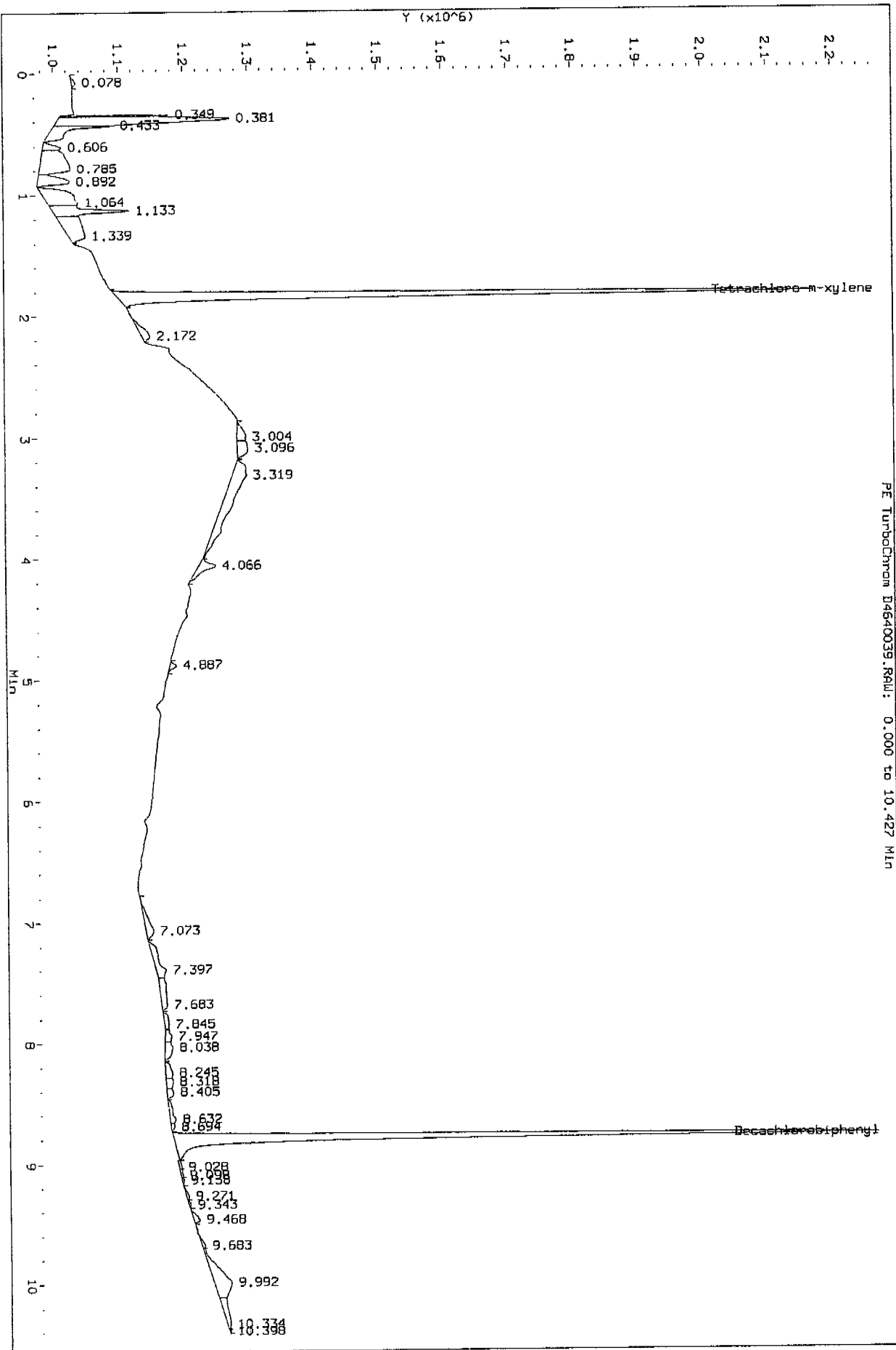
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.078	166323	5843	0.035	0.1486	
0.349	1120650	168067	0.150	1.0012	
0.381	8807793	266012	0.030	7.8695	
0.433	2380039	92811	0.039	2.1264	
0.606	698172	28250	0.040	0.6237	
0.785	4720614	47761	0.010	4.2177	
0.892	2001554	49564	0.025	1.7883	
1.064	3786940	46912	0.012	3.3835	
1.133	3305760	117721	0.036	2.9536	
1.339	3530997	25445	0.007	3.1548	
1.833	27853208	1078356	0.039	24.8860	\$ 1 Tetrachloro-m-xylene
2.172	952851	12636	0.013	0.8513	
3.004	847459	13963	0.016	0.7571	
3.096	1165440	16665	0.014	1.0412	
3.319	6356720	22138	0.003	5.6795	
4.066	1296729	26424	0.020	1.1585	
4.887	283693	10144	0.036	0.2534	
7.073	1144870	10993	0.010	1.0229	
7.397	1691626	15618	0.009	1.5114	
7.683	1461872	8673	0.006	1.3061	
7.845	519165	6746	0.013	0.4638	
7.947	493951	9990	0.020	0.4413	
8.038	827817	12060	0.015	0.7396	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
8.245	678399	10812	0.016	0.6061	
8.318	491916	10527	0.021	0.4395	
8.405	409832	9892	0.024	0.3661	
8.632	678063	9533	0.014	0.6058	
8.694	209143	5779	0.028	0.1868	
8.780	27986065	1089202	0.039	25.0067	\$ 34 Decachlorobiphenyl
9.028	158541	4064	0.026	0.1416	
9.098	126816	3441	0.027	0.1133	
9.138	78437	3195	0.041	0.0700	
9.271	161279	3921	0.024	0.1440	
9.343	88144	2980	0.034	0.0787	
9.468	367268	9378	0.026	0.3281	
9.683	159916	4858	0.030	0.1428	
9.992	3744753	27347	0.007	3.3458	
10.334	1131696	5302	0.005	1.0111	
10.398	38371	1623	0.042	0.0342	
=====	=====	=====	=====	=====	
	111922878	3294646		100.000	

Total unknown % area = 50.1

Data File: \\Target1.ct\Files\chem\GC\mp5890-4.1\CD4640_b\04640039.D\04640039.RAW
Injection Date: 15-AUG-2007 02:35
Instrument: mp5890-4.1
Client Sample ID: P18LK



FORM 1
8082 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: D4640048

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted:

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 08/15/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

12674-11-2-----Aroclor 1016	0.500	U
11104-28-2-----Aroclor 1221	1.00	U
11141-16-5-----Aroclor 1232	0.500	U
53469-21-9-----Aroclor 1242	0.500	U
12672-29-6-----Aroclor 1248	0.500	U
11097-69-5-----Aroclor 1254	0.500	U
11096-82-5-----Aroclor 1260	0.500	U

FORM I 8082

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640048.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 13:12
Operator : turbol Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/mL)	(ug/L)
Compounds	RT	EXP RT	DLT RT	RESPONSE	=====	=====
\$ 1 Tetrachloro-m-xylene	1.833	1.835	-0.002	27710546	0.01818	0.182 (M)
2 Aroclor 1016				Compound Not Detected.		
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	8.780	8.782	-0.002	27171971	0.02210	0.221 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640048.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 13:12 Inst ID: hp5890-4.i
Operator : turbol
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.082	164470	6189	0.038	0.1534	
0.121	10339	1321	0.128	0.0096	
0.376	23788406	546596	0.023	22.2001	
0.606	686648	29596	0.043	0.6408	
0.771	4383439	44486	0.010	4.0907	
0.896	1376817	35071	0.025	1.2848	
1.007	1238099	23002	0.019	1.1554	
1.062	368088	10874	0.030	0.3435	
1.133	1072603	63798	0.059	1.0009	
1.334	1435188	17402	0.012	1.3393	
1.833	27710546	1080213	0.039	25.8619	\$ 1 Tetrachloro-m-xylen
2.155	619739	10215	0.016	0.5783	
2.277	450313	15358	0.034	0.4202	
3.106	1650564	13723	0.008	1.5403	
3.271	458127	11932	0.026	0.4275	
3.323	782471	13356	0.017	0.7302	
3.426	131224	4154	0.032	0.1224	
4.068	2183188	56831	0.026	2.0374	
4.893	445009	13217	0.030	0.4152	
7.072	536965	9548	0.018	0.5011	
7.398	1666272	17202	0.010	1.5550	
7.513	610650	11960	0.020	0.5698	
7.690	909353	7828	0.009	0.8486	

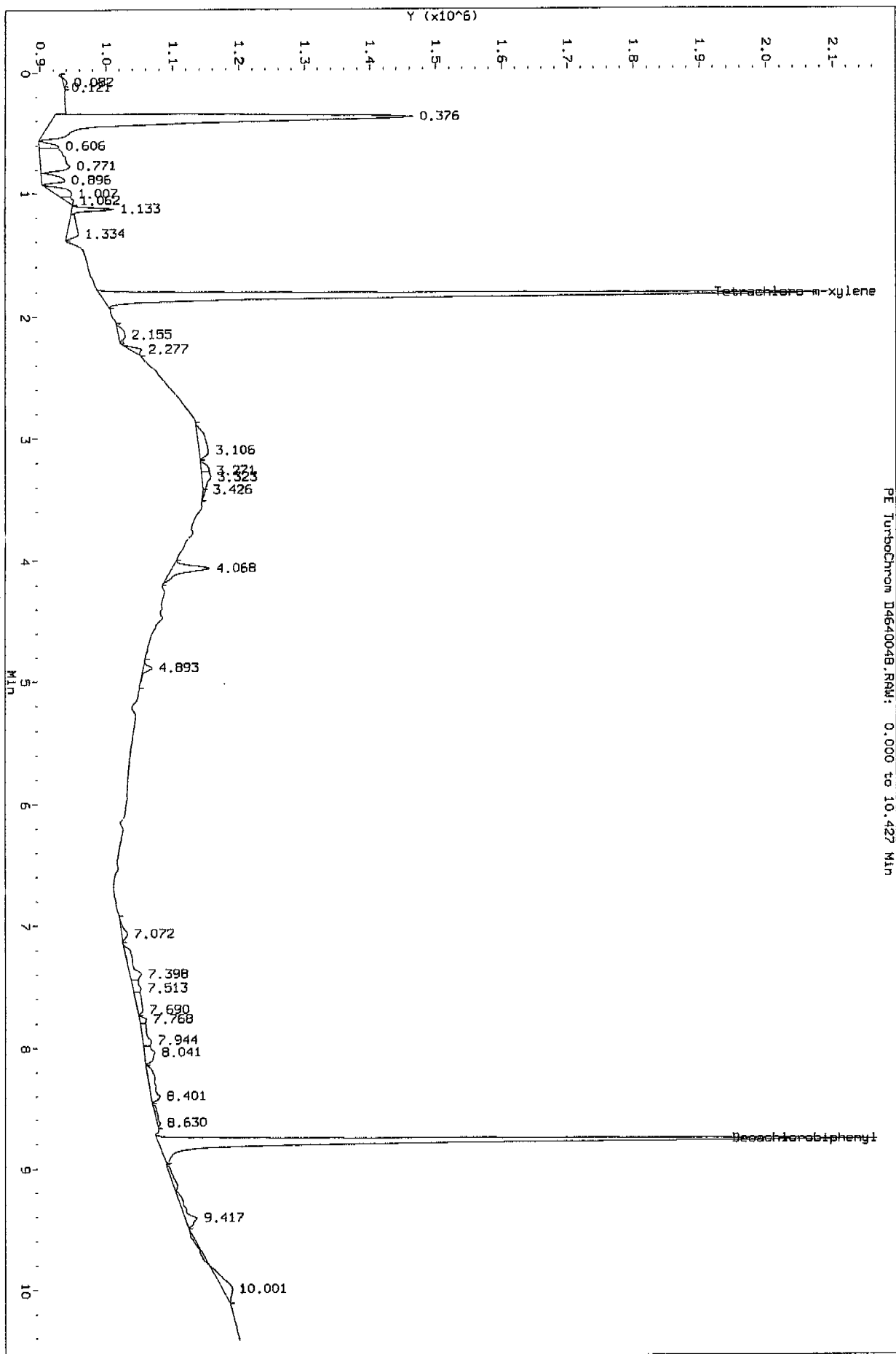
Data File: D4640048.d
Report Date: 15-Aug-2007 13:49

Page 2

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
7.768	296624	10385	0.035	0.2768	
7.944	1004327	12699	0.013	0.9372	
8.041	1013724	15467	0.015	0.9460	
8.401	1605666	13725	0.009	1.4984	
8.630	406018	4973	0.012	0.3789	
8.780	27171972	1086711	0.040	25.3578	\$ 34 Decachlorobiphenyl
9.417	1908616	17785	0.009	1.7811	
10.001	1068809	15117	0.014	0.9974	
	107154271	3220734		100.000	

Total unknown % area = 48.8

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.b\D4640048.d\D4640048.RAW
Injection Date: 15-AUG-2007 13:12
Instrument: hp5890-4.1
Client Sample ID: PIRLK



FORM 1
8082 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: C4640039

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted:

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 08/15/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

Sulfur Cleanup: (Y/N) N

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

12674-11-2-----Aroclor 1016	0.500	U
11104-28-2-----Aroclor 1221	1.00	U
11141-16-5-----Aroclor 1232	0.500	U
53469-21-9-----Aroclor 1242	0.500	U
12672-29-6-----Aroclor 1248	0.500	U
11097-69-5-----Aroclor 1254	0.500	U
11096-82-5-----Aroclor 1260	0.500	U

FORM I 8082

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640039.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 02:35
Operator : turbol Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 11:38 stephan Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $Amt * DF * Uf * (1000 * Vt) / (Vo * Vi) * CpndVariable$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.077	1.076	0.001	8470908	0.01853	0.185
2 Aroclor 1016				Compound Not Detected.		
5 Aroclor 1232				Compound Not Detected.		
6 Aroclor 1221				Compound Not Detected.		
8 Aroclor 1242				Compound Not Detected.		
11 Aroclor 1248				Compound Not Detected.		
18 Aroclor 1254				Compound Not Detected.		
25 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	7.750	7.750	0.000	9611789	0.02350	0.235 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640039.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 02:35
Operator : turbol Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 11:38 stephan Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

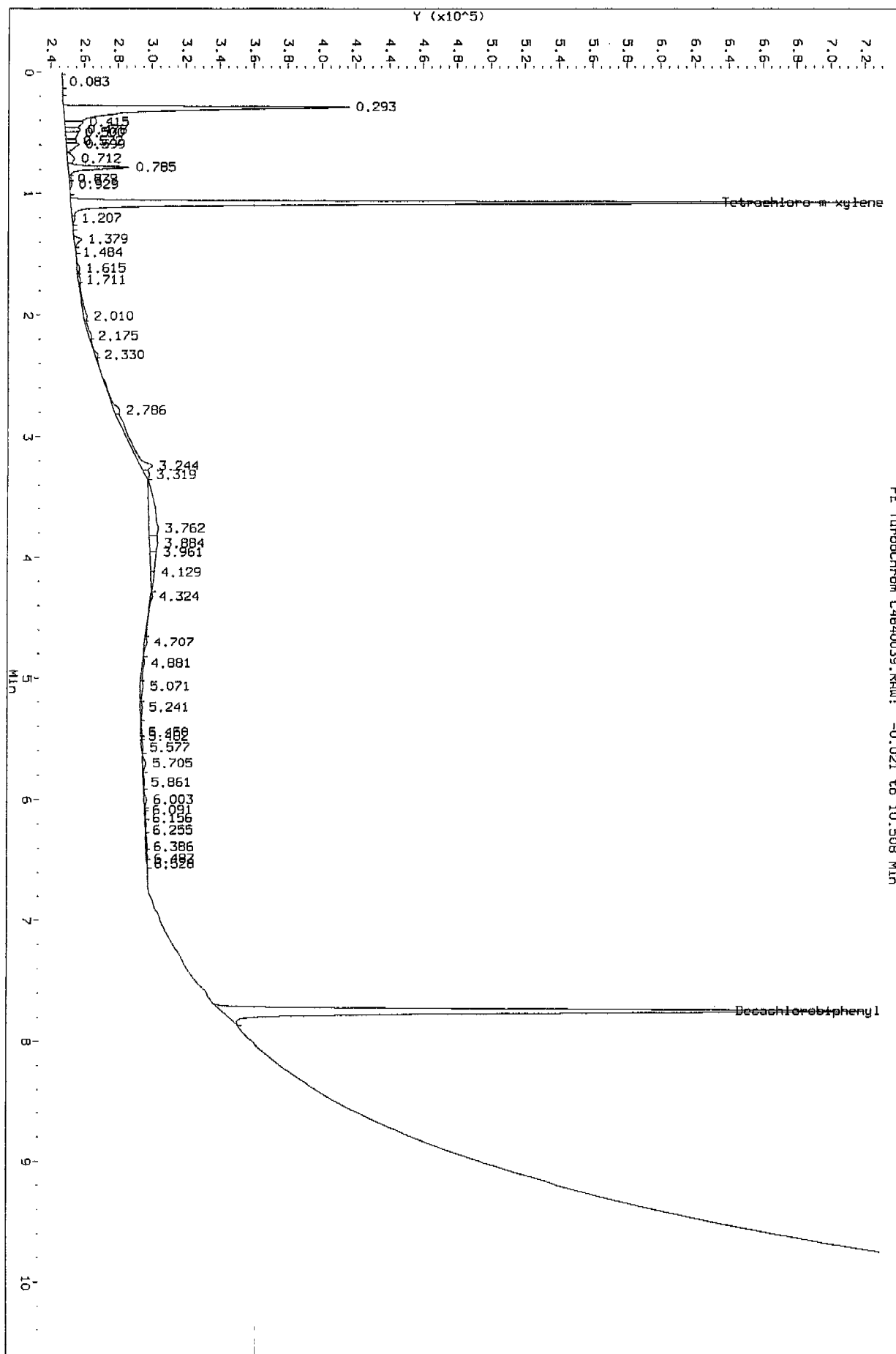
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.083	18538	499	0.027	0.0639	
0.293	4211875	169147	0.040	14.5273	
0.415	305158	10970	0.036	1.0525	
0.478	182175	9185	0.050	0.6283	
0.500	230382	7809	0.034	0.7946	
0.572	104624	6158	0.059	0.3608	
0.599	227438	7538	0.033	0.7844	
0.712	163704	4225	0.026	0.5646	
0.785	691721	36173	0.052	2.3858	
0.879	32657	1361	0.042	0.1126	
0.929	55077	1510	0.027	0.1899	
1.078	8470909	472186	0.056	29.2174	\$ 1 Tetrachloro-m-xylene
1.207	46875	1574	0.034	0.1616	6 Aroclor 1221
1.379	131475	4618	0.035	0.4534	6 Aroclor 1221
1.484	11247	404	0.036	0.0387	
1.615	83049	1607	0.019	0.2864	
1.711	47846	1205	0.025	0.1650	6 Aroclor 1221
2.010	226599	2368	0.010	0.7815	
2.175	114905	1631	0.014	0.3963	
2.330	86945	1946	0.022	0.2998	
2.786	269282	3377	0.013	0.9287	
3.244	704866	7159	0.010	2.4311	
3.319	112863	2716	0.024	0.3892	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.762	977046	5434	0.006	3.3699	
3.884	348744	4639	0.013	1.2028	
3.961	295816	3688	0.012	1.0203	
4.129	133057	2176	0.016	0.4589	
4.324	115970	991	0.009	0.3999	
4.707	103349	1652	0.016	0.3564	
4.881	117177	1315	0.011	0.4041	
5.071	118477	1681	0.014	0.4086	
5.241	83431	1182	0.014	0.2877	
5.450	48681	735	0.015	0.1679	
5.482	4014	680	0.169	0.0138	
5.577	52435	919	0.018	0.1808	
5.705	101988	1978	0.019	0.3517	
5.861	51229	787	0.015	0.1766	
6.003	88707	1661	0.019	0.3059	
6.091	13605	786	0.058	0.0469	
6.156	30421	771	0.025	0.1049	
6.255	49071	745	0.015	0.1692	
6.386	64016	947	0.015	0.2208	
6.487	36800	737	0.020	0.1269	
6.528	16603	427	0.026	0.0572	
7.750	9611789	378404	0.039	33.1550	\$ 34 Decachlorobiphenyl
	28992632	1167701		100.000	

Total unknown % area = 36.8

Data File: \\Target1.ctv\files\chem\GC\hp5890-4.1\CD4640.b\CD4640039.d\CD4640039.RAW
Injection Date: 15-AUG-2007 02:35
Instrument: hp5890-4.1
Client Sample ID: P18LK



FORM 1
8082 ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

PIBLK

Lab Name: STL-CT

Contract:

Lab Code: STLCT

Case No.: 220-2382 SAS No.:

SDG No.: 220-2382

Matrix: (soil/water) WATER

Lab Sample ID: PIBLK

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: C4640048

% Moisture: _____ decanted: (Y/N) _____

Date Received: _____

Extraction: (SepF/Cont/Sonc) _____

Date Extracted:

Concentrated Extract Volume: 10 (mL)

Date Analyzed: 08/15/07

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

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

Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

12674-11-2-----Aroclor 1016	0.500	U
11104-28-2-----Aroclor 1221	1.00	U
11141-16-5-----Aroclor 1232	0.500	U
53469-21-9-----Aroclor 1242	0.500	U
12672-29-6-----Aroclor 1248	0.500	U
11097-69-5-----Aroclor 1254	0.500	U
11096-82-5-----Aroclor 1260	0.500	U

FORM I 8082

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640048.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 13:12
Operator : turbol Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS	
					ON-COLUMN	FINAL
					(ug/mL)	(ug/L)
Compounds	RT	EXP RT	DLT RT	RESPONSE		
=====	=====	=====	=====	=====	=====	=====
\$ 1 Tetrachloro-m-xylene	1.077	1.076	0.001	8176536	0.01789	0.179
2 Aroclor 1016				Compound Not Detected.		
5 Aroclor 1232				Compound Not Detected.		
6 Aroclor 1221				Compound Not Detected.		
8 Aroclor 1242				Compound Not Detected.		
11 Aroclor 1248				Compound Not Detected.		
18 Aroclor 1254				Compound Not Detected.		
25 Aroclor 1260				Compound Not Detected.		
\$ 34 Decachlorobiphenyl	7.751	7.750	0.001	9099051	0.02225	0.222 (M)

QC Flag Legend

M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640048.d
Lab Smp Id: PIBLK Client Smp ID: PIBLK
Inj Date : 15-AUG-2007 13:12
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : PIBLK
Misc Info : S
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

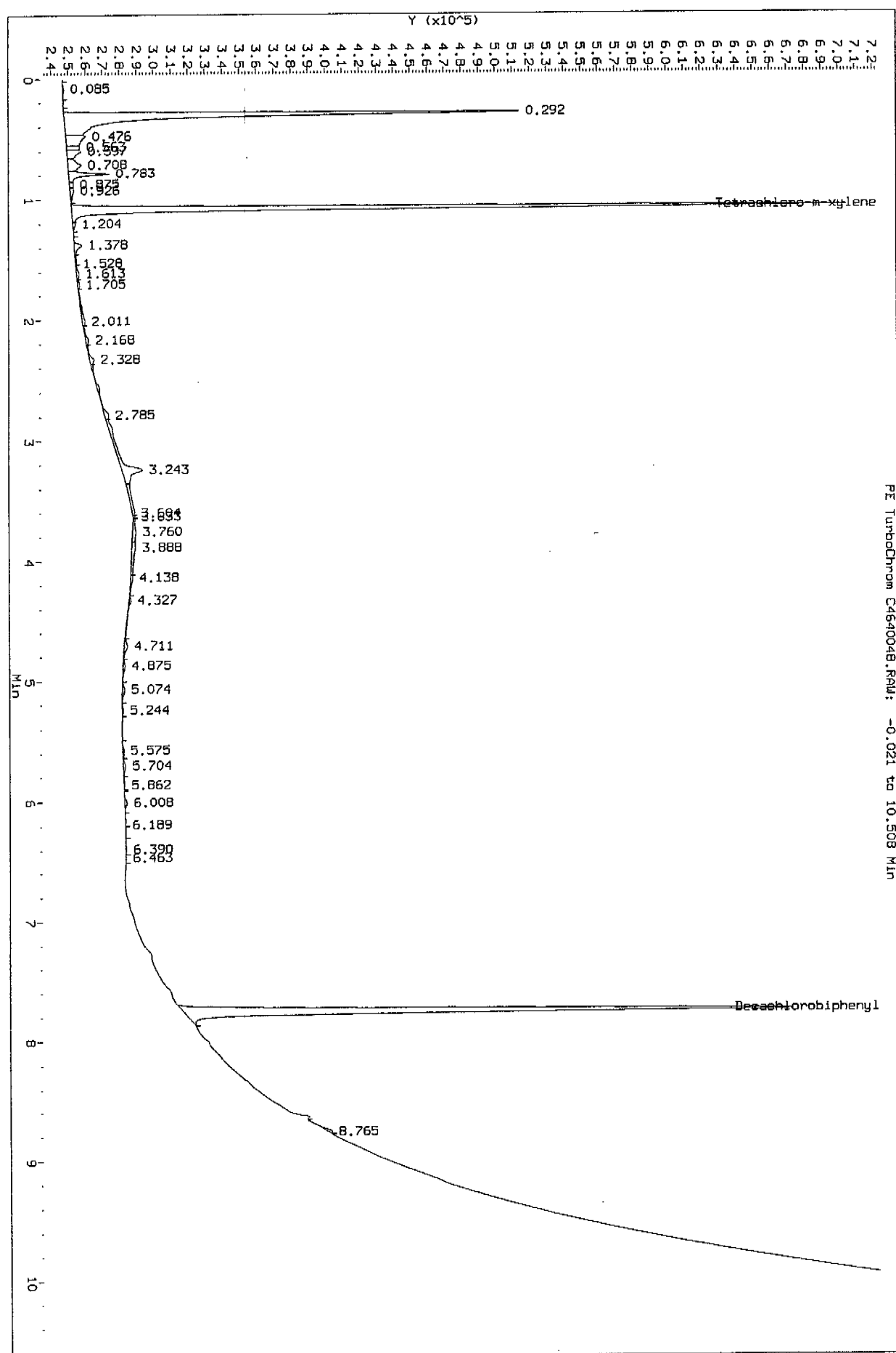
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.085	39124	796	0.020	0.1319	
0.292	7093479	267575	0.038	23.9266	
0.476	492194	11678	0.024	1.6601	
0.563	152154	7887	0.052	0.5132	
0.597	266626	8417	0.032	0.8993	
0.708	332785	7803	0.023	1.1224	
0.783	519099	23686	0.046	1.7509	
0.875	62878	2232	0.035	0.2120	
0.926	95612	2222	0.023	0.3225	
1.077	8176537	453437	0.055	27.5798	\$ 1 Tetrachloro-m-xylen
1.204	49328	1608	0.033	0.1663	6 Aroclor 1221
1.378	138476	4540	0.033	0.4670	6 Aroclor 1221
1.528	38076	684	0.018	0.1284	
1.613	70435	1540	0.022	0.2375	
1.705	38844	1098	0.028	0.1310	6 Aroclor 1221
2.011	155575	1730	0.011	0.5247	
2.168	93946	1740	0.019	0.3168	
2.328	119873	2791	0.023	0.4043	
2.785	258031	2420	0.009	0.8703	
3.243	924863	12070	0.013	3.1196	
3.604	230757	1328	0.006	0.7783	
3.633	15876	864	0.054	0.0535	
3.760	175610	2077	0.012	0.5923	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.888	259715	2221	0.009	0.8760	
4.138	73176	1163	0.016	0.2468	
4.327	95216	1101	0.012	0.3211	
4.711	121818	2072	0.017	0.4108	
4.875	80542	1222	0.015	0.2716	
5.074	74207	1382	0.019	0.2503	
5.244	21824	584	0.027	0.0736	
5.575	37607	757	0.020	0.1268	
5.704	74429	1526	0.021	0.2510	
5.862	25599	466	0.018	0.0863	
6.008	67876	1568	0.023	0.2289	
6.189	16408	207	0.013	0.0553	
6.390	20285	572	0.028	0.0684	
6.463	6587	240	0.036	0.0222	
7.752	9099051	355749	0.039	30.6933	\$ 34 Decachlorobiphenyl
8.765	32306	1887	0.058	0.1089	
	29646818	1192940		100.000	

Total unknown % area = 41.0

Data File: \\Target1.ct\Files\chem\GC\hp5890-4.1\CD4640.B\C4640048.d\C4640048.RAW
Injection Date: 15-AUG-2007 13:12
Instrument: hp5890-4.1
Client Sample ID: P1BLK



Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Lab Control Spike - Batch: 220-8593

Method: 8082

Preparation: 3510C

Lab Sample ID: LCS 220-8593/3-A

Analysis Batch: 220-8634

Instrument ID: HP 5890 with dual ECD

Client Matrix: Water

Prep Batch: 220-8593

Lab File ID: C4640043.d

Dilution: 1.0

Units: ug/L

Initial Weight/Volume: 1000 mL

Date Analyzed: 08/15/2007 1143

Final Weight/Volume: 10.0 mL

Date Prepared: 08/13/2007 1800

Injection Volume:

Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.21	84	50 - 122	M
PCB-1260	5.00	3.87	77	52 - 118	M

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	167 *	53 - 144
DCB Decachlorobiphenyl	115	29 - 156

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	166 *	53 - 144
DCB Decachlorobiphenyl	115	29 - 156

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica Connecticut

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640043.d
Lab Smp Id: LCS 220-8593/3-A Client Smp ID: LCS 220-8593/3-A
Inj Date : 15-AUG-2007 11:43
Operator : turbol Inst ID: hp5890-4.i
Smp Info : LCS 220-8593/3-A
Misc Info : LCS
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro m-xylene	1.836	1.835	0.001	50870387	0.03337	0.334 (R)
2 Aroclor 1016	2.443	2.443	0.000	15017588	0.41509	4.15 (M)
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260	7.070	7.070	0.000	60590248	0.38490	3.85 (M)
\$ 34 Decachlorobiphenyl	8.779	8.782	-0.003	28181243	0.02292	0.229

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640043.d
Lab Smp Id: LCS 220-8593/3-A Client Smp ID: LCS 220-8593/3-A
Inj Date : 15-AUG-2007 11:43
Operator : turbol Inst ID: hp5890-4.i
Smp Info : LCS 220-8593/3-A
Misc Info : LCS
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\D4640-8082.m
Meth Date : 15-Aug-2007 13:08 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: D4640023.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

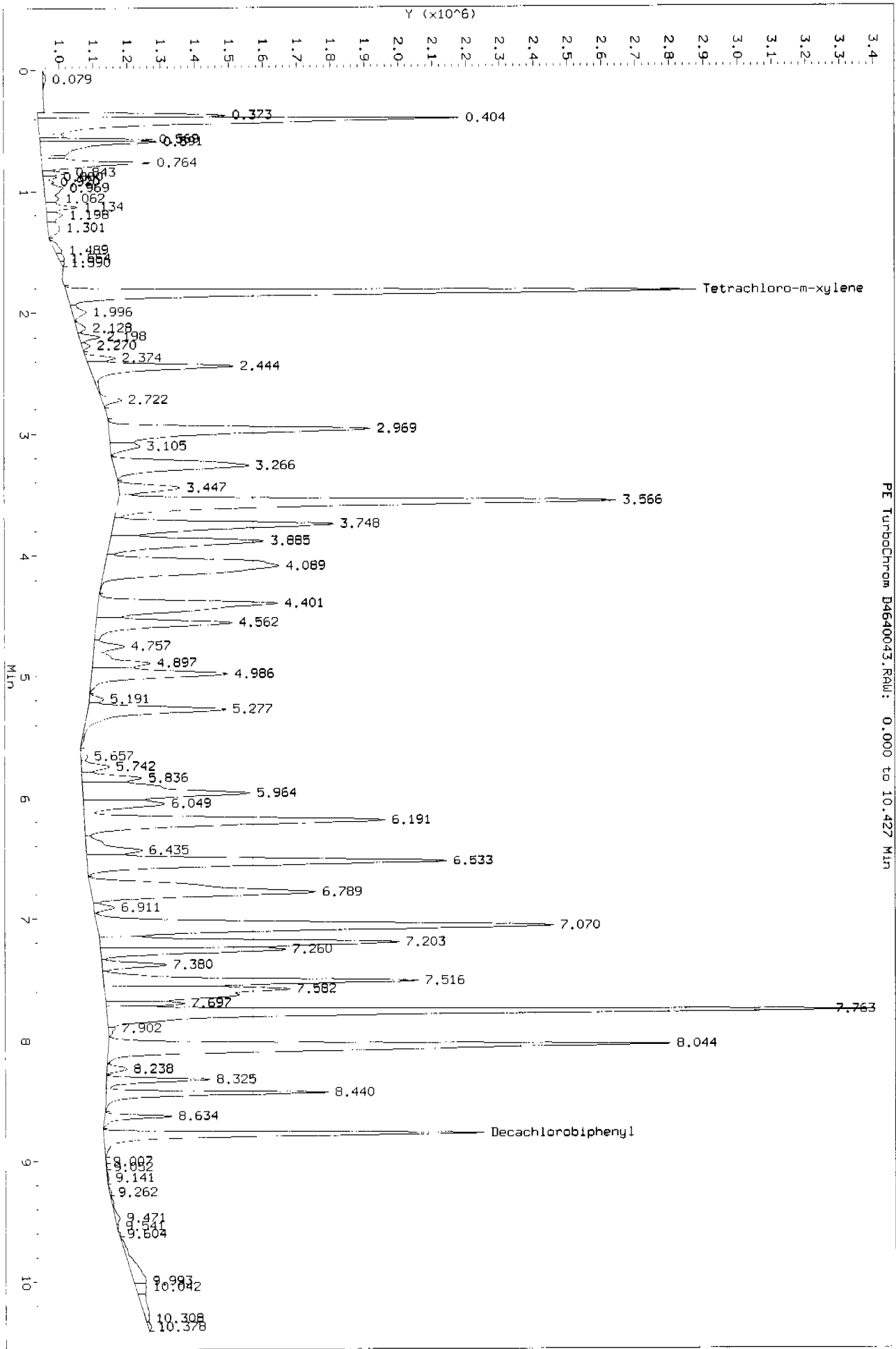
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.079	383504	8549	0.022	0.0376	
0.373	10356616	555063	0.054	1.0177	
0.404	39438239	1245698	0.032	3.8757	
0.569	4245237	333934	0.079	0.4171	
0.591	11064547	345677	0.031	1.0873	
0.764	9495157	320608	0.034	0.9331	
0.843	1388823	78516	0.057	0.1364	
0.880	654704	39881	0.061	0.0643	
0.920	451714	29716	0.066	0.0443	
0.969	2541765	55941	0.022	0.2497	
1.062	1196961	40012	0.033	0.1176	
1.134	2514815	92583	0.037	0.2471	
1.198	1663340	47329	0.028	0.1634	
1.301	2025402	34494	0.017	0.1990	
1.489	1021371	20820	0.020	0.1003	
1.554	608698	16847	0.028	0.0598	
1.590	192692	9529	0.049	0.0189	
1.836	50870388	1859867	0.037	4.9991	\$ 1 Tetrachloro-m-xylene
1.996	1773457	41542	0.023	0.1742	
2.128	906462	26395	0.029	0.0890	
2.198	1541149	61981	0.040	0.1514	
2.270	608377	24259	0.040	0.0597	
2.374	2153466	86612	0.040	0.2116	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
2.444	15017588	426289	0.028	1.4758	2 Aroclor 1016
2.722	2174246	58659	0.027	0.2136	
2.969	31451225	771554	0.025	3.0908	2 Aroclor 1016
3.105	3403176	88153	0.026	0.3344	
3.266	19500185	397939	0.020	1.9163	
3.447	6798790	180082	0.026	0.6681	
3.566	58059112	1471259	0.025	5.7056	2 Aroclor 1016
3.748	27339666	650096	0.024	2.6867	2 Aroclor 1016
3.885	20412499	454156	0.022	2.0059	2 Aroclor 1016
4.089	39712035	514424	0.013	3.9026	
4.401	27902243	530226	0.019	2.7420	
4.562	16346671	401948	0.025	1.6064	
4.757	3306304	89851	0.027	0.3249	
4.897	7162595	171356	0.024	0.7038	
4.986	17095097	402182	0.024	1.6799	
5.191	1201154	42219	0.035	0.1180	
5.277	17864123	408096	0.023	1.7555	
5.657	683671	20033	0.029	0.0671	
5.742	2915642	82857	0.028	0.2865	
5.836	5897618	176199	0.030	0.5795	
5.964	25987832	493718	0.019	2.5539	
6.049	9727542	239855	0.025	0.9559	
6.191	38953236	887890	0.023	3.8280	
6.435	7408422	166221	0.022	0.7280	
6.533	46304704	1062849	0.023	4.5505	
6.789	37997070	661626	0.017	3.7340	
6.911	1813475	60542	0.033	0.1782	
7.070	60590248	1348453	0.022	5.9543	29 Aroclor 1260
7.203	31216250	883530	0.028	3.0677	29 Aroclor 1260
7.260	16027622	546414	0.034	1.5750	
7.380	5290177	190102	0.036	0.5198	
7.516	30012365	929423	0.031	2.9494	
7.582	28124596	548541	0.020	2.7638	29 Aroclor 1260
7.697	5422278	233803	0.043	0.5328	
7.763	70874302	2267290	0.032	6.9688	29 Aroclor 1260
7.902	587944	21285	0.036	0.0577	
8.044	62144511	1658557	0.027	6.1071	
8.238	1706915	59148	0.035	0.1677	
8.325	7428977	305530	0.041	0.7300	
8.440	15707641	657476	0.042	1.5436	29 Aroclor 1260
8.634	4505973	198740	0.044	0.4428	
8.780	28181244	1123646	0.040	2.7694	\$ 34 Decachlorobiphenyl
9.007	41933	1954	0.047	0.0041	
9.052	37913	2242	0.059	0.0037	
9.141	170992	4557	0.027	0.0168	
9.262	194547	5909	0.030	0.0191	
9.471	934903	14917	0.016	0.0918	
9.541	101824	4845	0.048	0.0100	
9.604	100556	4460	0.044	0.0098	
9.993	4548608	36731	0.008	0.4470	
10.042	1565580	31312	0.020	0.1538	
10.308	2218470	10688	0.005	0.2180	
10.378	303632	8954	0.029	0.0298	
=====		=====		=====	
	1017572801	27384639		100.000	

Total unknown % area = 57.0

Data File: \\Target1.ct\\Files\\chem\\GC\\hp5890-4.1\\CD4640.b\\D4640043.d\\D4640043.RAW
Injection Date: 15-AUG-2007 11:43
Instrument: hp5890-4.1
Client Sample ID: LCS 220-8593/3-A



STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640043.d
Lab Smp Id: LCS 220-8593/3-A Client Smp ID: LCS 220-8593/3-A
Inj Date : 15-AUG-2007 11:43
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : LCS 220-8593/3-A
Misc Info : LCS
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\Files\chem\GC\hp5890-4.i\CD4640.b\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: ESTD
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.078	1.076	0.002	15172376	0.03319	0.332 (RM)
2 Aroclor 1016	1.380	1.379	0.001	5712524	0.42099	4.21 (M)
5 Aroclor 1232				Compound Not Detected.		
6 Aroclor 1221				Compound Not Detected.		
8 Aroclor 1242				Compound Not Detected.		
11 Aroclor 1248				Compound Not Detected.		
18 Aroclor 1254				Compound Not Detected.		
25 Aroclor 1260	4.871	4.870	0.001	6799661	0.38670	3.87 (M)
\$ 34 Decachlorobiphenyl	7.751	7.750	0.001	9445699	0.02310	0.231 (M)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

STL Connecticut

SW846 Method 8081A /8082
Data file : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640043.d
Lab Smp Id: LCS 220-8593/3-A Client Smp ID: LCS 220-8593/3-A
Inj Date : 15-AUG-2007 11:43
Operator : turbol Inst ID: hp5890-4.i
Smp Info : LCS 220-8593/3-A
Misc Info : LCS
Comment : ECD, RTX-CLPesticides, 15meter, 0.53mm ID
Method : \\Target1_ct\\Files\\chem\\GC\\hp5890-4.i\\CD4640.b\\C4640-8082.m
Meth Date : 15-Aug-2007 13:10 hp5890-4.i Quant Type: AREA%
Cal Date : 14-AUG-2007 21:56 Cal File: C4640023.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.14
Processing Host: CONGC2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

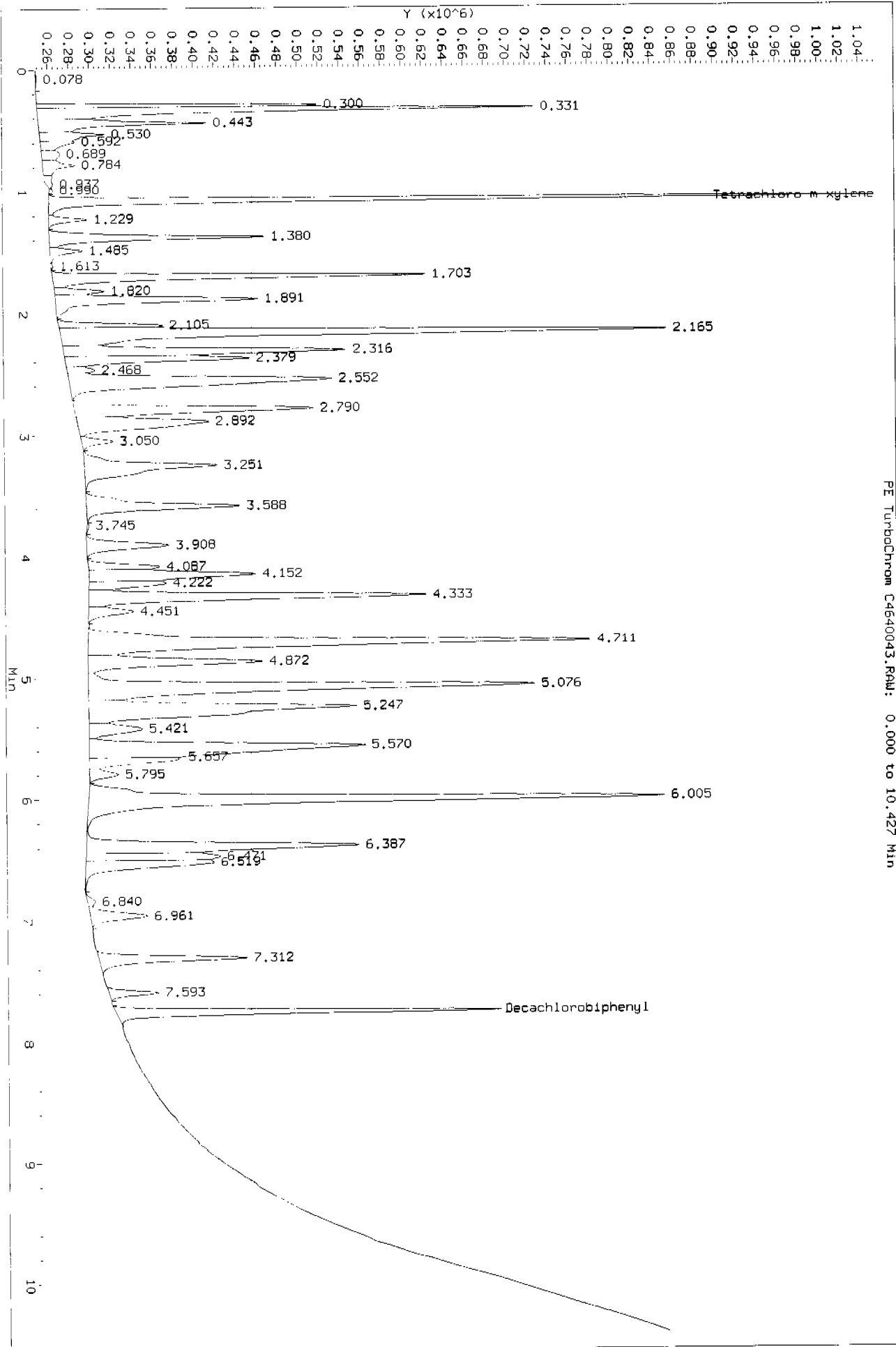
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.078	35411	771	0.022	0.0111	
0.300	4067534	269754	0.066	1.2859	
0.331	11843080	479366	0.040	3.7440	
0.443	4621176	162281	0.035	1.4609	
0.530	1930931	62822	0.033	0.6104	
0.592	1031770	33111	0.032	0.3261	
0.689	795064	17371	0.022	0.2513	
0.784	1241144	30980	0.025	0.3923	
0.937	177327	5720	0.032	0.0560	
0.990	75080	3802	0.051	0.0237	
1.078	15172376	793915	0.052	4.7966	\$ 1 Tetrachloro-m-xylen
1.229	913235	37092	0.041	0.2887	
1.380	5712525	206777	0.036	1.8059	2 Aroclor 1016
1.485	895350	30981	0.035	0.2830	
1.613	48788	1930	0.040	0.0154	
1.703	9655695	359005	0.037	3.0525	2 Aroclor 1016
1.820	1202536	47960	0.040	0.3801	
1.891	6531718	194975	0.030	2.0649	
2.105	2027407	100186	0.049	0.6409	
2.165	20627044	583835	0.028	6.5210	2 Aroclor 1016
2.316	8772464	272042	0.031	2.7733	2 Aroclor 1016
2.379	5353042	177749	0.033	1.6923	2 Aroclor 1016
2.468	742778	27016	0.036	0.2348	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
=====	=====	=====	=====	=====	=====
2.552	12282657	253177	0.021	3.8830	
2.790	8207808	230075	0.028	2.5948	
2.892	6405080	126766	0.020	2.0249	
3.050	948036	30378	0.032	0.2997	
3.251	6596484	127670	0.019	2.0854	
3.588	6018799	147774	0.025	1.9027	
3.745	80335	1876	0.023	0.0253	
3.908	3130324	79248	0.025	0.9896	
4.087	1947148	68410	0.035	0.6155	
4.152	6331674	160258	0.025	2.0017	
4.222	2423314	74457	0.031	0.7661	
4.333	11518985	324850	0.028	3.6416	
4.451	1614531	43332	0.027	0.5104	
4.711	22350335	484081	0.022	7.0658	
4.872	6799661	168010	0.025	2.1496	25 Aroclor 1260
5.076	19144502	430392	0.022	6.0523	25 Aroclor 1260
5.247	14342850	258091	0.018	4.5343	25 Aroclor 1260
5.421	2451753	51491	0.021	0.7751	
5.570	13979075	266231	0.019	4.4193	
5.657	2928667	87715	0.030	0.9258	
5.795	1011839	27665	0.027	0.3198	
6.005	23591114	554923	0.024	7.4609	25 Aroclor 1260
6.387	10810561	262331	0.024	3.4176	
6.471	4531846	129146	0.028	1.4327	
6.519	5318065	123440	0.023	1.6812	
6.840	309058	7543	0.024	0.0977	
6.961	2347649	55263	0.024	0.7421	
7.312	4696806	142941	0.030	1.4848	25 Aroclor 1260
7.593	1275366	47638	0.037	0.4031	
7.752	9445699	371481	0.039	2.9861	\$ 34 Decachlorobiphenyl
=====	=====	=====	=====	=====	
	316313491	9036094		100.000	

Total unknown % area = 54.7

Data File: \\Targent.ct\Files\chem\GC\hp5890-4.1\CD4640.b\CD4640043.d\CD4640043.RAW
Injection Date: 15-AUG-2007 11:43
Instrument: hp5890-4.1
Client Sample ID: LCS 220-8593/3-A



Quality Control Results

Client: Malcolm Pirnie, Inc.

Job Number: 220-2382-1

Sdg Number: 220-2382

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 220-8533

Method: 8082

Preparation: 3510C

MS Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1323
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639300.d
Initial Weight/Volume: 890 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

MSD Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1340
Date Prepared: 08/09/2007 1800

Analysis Batch: 220-8538
Prep Batch: 220-8533

Instrument ID: HP 5890 with dual ECD
Lab File ID: D4639301.d
Initial Weight/Volume: 880 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	101	98	50 - 122	2	30	M	M
PCB-1260	86	89	52 - 118	5	27	M	M

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	99	94	53 - 144
DCB Decachlorobiphenyl	100	104	29 - 156

Matrix Spike/

Matrix Spike Duplicate Data Report - Batch: 220-8533

Method: 8082

Preparation: 3510C

MS Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1323
Date Prepared: 08/09/2007 1800

Units: ug/L

MSD Lab Sample ID: 220-2382-3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 08/10/2007 1340
Date Prepared: 08/09/2007 1800

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
PCB-1016	0.61	U	2.25	2.27	2.27	M	2.22	M
PCB-1260	0.61	U	2.25	2.27	1.94	M	2.03	M

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica Connecticut

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639300.d
Lab Smp Id: 220-2382-A-3-A MS Client Smp ID: MW-3AMS
Inj Date : 10-AUG-2007 13:23
Operator : turbo1 Inst ID: hp5890-4.i
Smp Info : 220-2382-A-3-A MS
Misc Info : 300
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 15-Aug-2007 14:46 michele Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.10
Processing Host: CONRPT2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	33106691	0.01984	0.223 (M)
2 Aroclor 1016	2.290	2.292	-0.002	7232351	0.20228	2.27 (M)
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260	7.013	7.032	-0.019	15926256	0.17277	1.94 (M)
\$ 34 Decachlorobiphenyl	8.673	8.695	-0.022	26007013	0.02006	0.225 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639300.d
Lab Smp Id: 220-2382-A-3-A MS Client Smp ID: MW-3AMS
Inj Date : 10-AUG-2007 13:23
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-A-3-A MS
Misc Info : 300
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 15-Aug-2007 14:46 michele Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.10
Processing Host: CONRPT2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

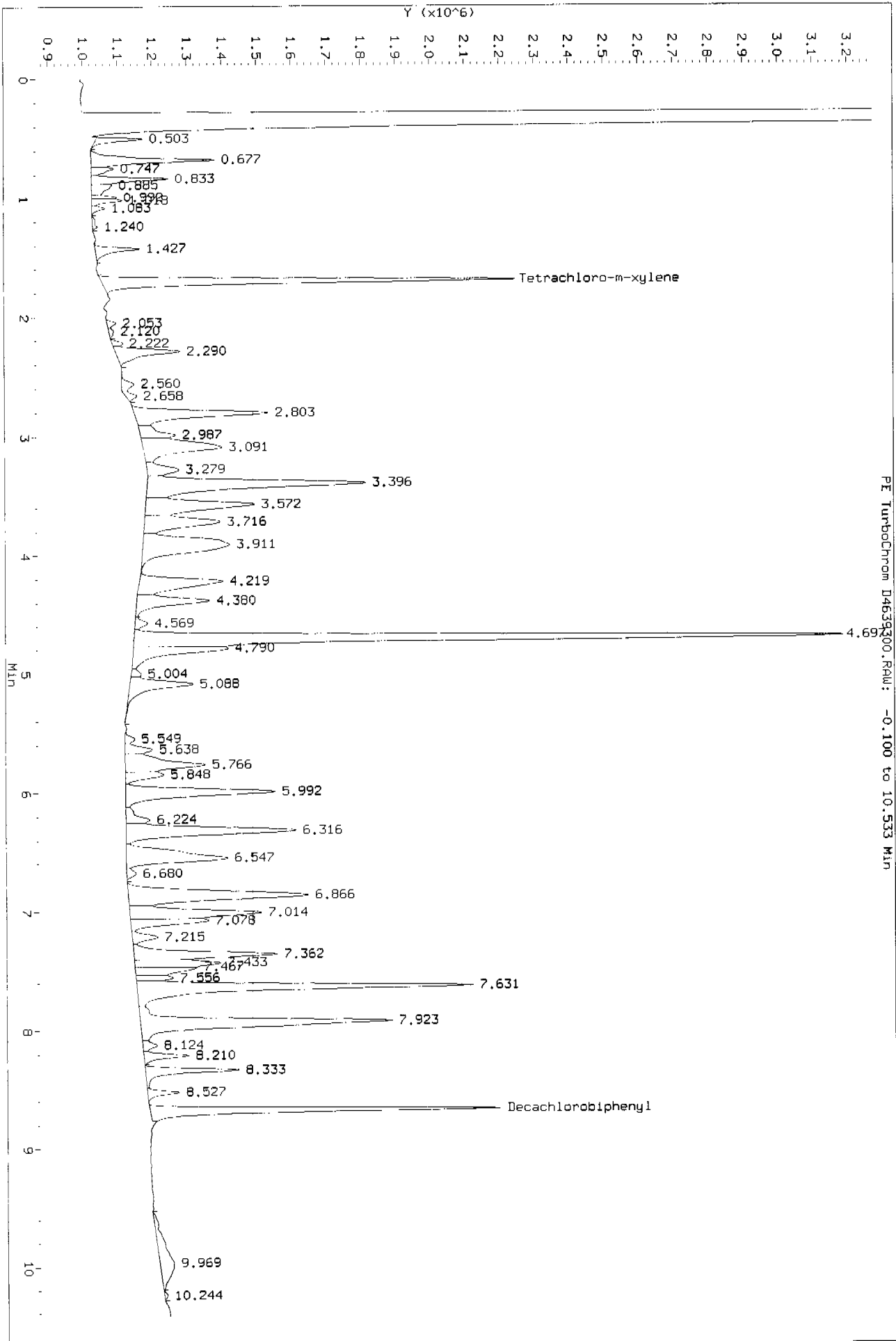
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	890.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.503	2569391	134705	0.052	0.4323	
0.677	10065866	355506	0.035	1.6937	
0.747	1810092	64480	0.036	0.3046	
0.833	5259882	220476	0.042	0.8851	
0.885	2338602	58408	0.025	0.3935	
0.992	1134140	71956	0.063	0.1908	
1.018	1820032	87563	0.048	0.3062	
1.083	821148	36853	0.045	0.1382	
1.240	530759	14389	0.027	0.0893	
1.427	3413421	128652	0.038	0.5744	
1.697	33106691	1191985	0.036	5.5707	\$ 1 Tetrachloro-m-xylen
2.053	664236	26170	0.039	0.1118	
2.120	498591	14370	0.029	0.0839	
2.222	701986	31158	0.044	0.1181	
2.290	7232352	186138	0.026	1.2170	2 Aroclor 1016
2.560	1485932	36218	0.024	0.2500	
2.658	1080509	32260	0.030	0.1818	
2.803	15532947	385458	0.025	2.6137	2 Aroclor 1016
2.987	4299592	100765	0.023	0.7235	
3.091	14245342	226177	0.016	2.3970	
3.279	4134098	90912	0.022	0.6956	
3.396	30081859	627703	0.021	5.0617	2 Aroclor 1016
3.572	15983971	312797	0.020	2.6896	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.716	11893335	216691	0.018	2.0012	2 Aroclor 1016
3.911	20535516	249431	0.012	3.4554	
4.219	13030381	240689	0.018	2.1926	2 Aroclor 1016
4.380	9414791	209019	0.022	1.5842	
4.569	1337404	36399	0.027	0.2250	
4.697	75240599	2040560	0.027	12.6605	
4.790	11508974	272122	0.024	1.9366	
5.004	887840	28437	0.032	0.1494	
5.088	8835136	181858	0.021	1.4867	
5.549	963835	28993	0.030	0.1622	
5.638	2823400	79795	0.028	0.4751	
5.766	11985437	231049	0.019	2.0167	
5.848	4214695	110939	0.026	0.7092	
5.992	18415159	431270	0.023	3.0986	
6.224	2943152	69686	0.024	0.4952	
6.316	21784724	489800	0.022	3.6656	
6.547	17660946	292144	0.017	2.9717	
6.680	1020748	27855	0.027	0.1718	
6.866	26790159	518696	0.019	4.5079	
7.014	15926257	379370	0.024	2.6798	29 Aroclor 1260
7.078	7322081	225128	0.031	1.2321	
7.215	2593151	74130	0.029	0.4363	
7.362	14504948	412904	0.028	2.4407	29 Aroclor 1260
7.433	7932971	247959	0.031	1.3348	29 Aroclor 1260
7.467	5593440	178814	0.032	0.9412	
7.556	2606215	106600	0.041	0.4385	
7.631	35889921	970634	0.027	6.0390	29 Aroclor 1260
7.923	32388105	724298	0.022	5.4498	
8.124	1441388	41974	0.029	0.2425	
8.210	3535629	130320	0.037	0.5949	
8.333	7680506	270408	0.035	1.2924	29 Aroclor 1260
8.527	2289601	90927	0.040	0.3853	
8.674	26007013	1011761	0.039	4.3761	\$ 34 Decachlorobiphenyl
9.969	8217248	40932	0.005	1.3827	
10.244	272125	9354	0.034	0.0458	
=====		=====		=====	
	594298266	15106045		100.000	

Total unknown % area = 63.2

Data File: \\tanger1.ct\files\chem\GC\hp5890-4.1\CD4639239.b\CD4639300.d\CD4639300.RAW
Injection Date: 10-AUG-2007 13:23
Instrument: hp5890-4.1
Client Sample ID: MW-34MS



STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639301.d
Lab Smp Id: 220-2382-B-3-A MSD Client Smp ID: MW-3AMSD
Inj Date : 10-AUG-2007 13:40
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-B-3-A MSD
Misc Info : 301
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 15-Aug-2007 14:46 michele Quant Type: ESTD
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.10
Processing Host: CONRPT2

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * (1000 * \text{Vt}) / (\text{Vo} * \text{Vi}) * \text{CpndVariable}$

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	880.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS	
					ON-COLUMN (ug/mL)	FINAL (ug/L)
\$ 1 Tetrachloro-m-xylene	1.696	1.695	0.001	31278156	0.01874	0.213 (M)
2 Aroclor 1016	2.290	2.292	-0.002	6900151	0.19514	2.22 (M)
4 Aroclor 1232				Compound Not Detected.		
5 Aroclor 1221				Compound Not Detected.		
6 Aroclor 1242				Compound Not Detected.		
9 Aroclor 1248				Compound Not Detected.		
14 Aroclor 1254				Compound Not Detected.		
29 Aroclor 1260	7.015	7.032	-0.017	16382005	0.17893	2.03 (M)
\$ 34 Decachlorobiphenyl	8.675	8.695	-0.020	26976272	0.02081	0.236 (M)

QC Flag Legend

M - Compound response manually integrated.

STL-INC

SW846 Method 8081A /8082
Data file : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639301.d
Lab Smp Id: 220-2382-B-3-A MSD Client Smp ID: MW-3AMSD
Inj Date : 10-AUG-2007 13:40
Operator : turbol Inst ID: hp5890-4.i
Smp Info : 220-2382-B-3-A MSD
Misc Info : 301
Comment : ECD, RTX-CLPesticidesII, 15meter, 0.53mm ID
Method : \\target1_ct\Files\chem\GC\hp5890-4.i\CD4639239.b\D4639.m
Meth Date : 15-Aug-2007 14:46 michele Quant Type: AREA%
Cal Date : 01-AUG-2007 17:25 Cal File: D4639006.d
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: pcb.sub
Target Version: 4.10
Processing Host: CONRPT2

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo * Vi) * CpndVariable

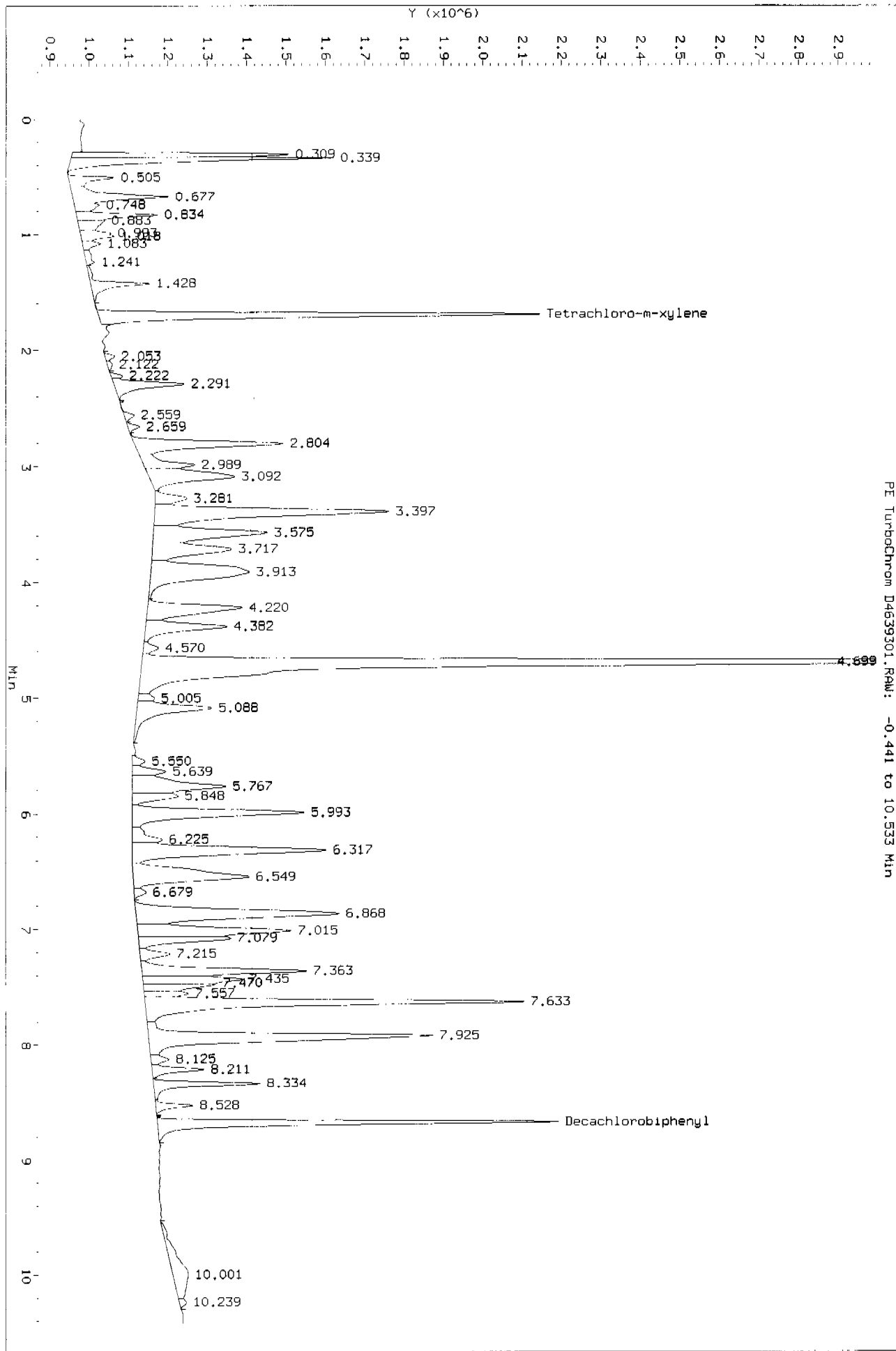
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng conversion factor
Vt	10.000	Volume of final extract (ml)
Vo	880.000	Volume of sample extracted (ml)
Vi	1.000	Volume Injected
Cpnd Variable		Local Compound Variable

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
0.309	11041058	550862	0.050	1.6768	
0.339	16955634	669061	0.039	2.5750	
0.505	3558228	115794	0.033	0.5404	
0.677	9669394	244492	0.025	1.4685	
0.748	2162263	63560	0.029	0.3284	
0.834	5395728	207349	0.038	0.8194	
0.883	2817588	68584	0.024	0.4279	
0.993	1474727	77863	0.053	0.2240	
1.018	1951498	85171	0.044	0.2964	
1.083	1391340	46444	0.033	0.2113	
1.241	1205845	21293	0.018	0.1831	
1.428	5246401	150441	0.029	0.7968	
1.697	31278156	1120876	0.036	4.7501	\$ 1 Tetrachloro-m-xylen
2.053	626464	24692	0.039	0.0951	
2.122	461639	13640	0.030	0.0701	
2.222	679579	29764	0.044	0.1032	
2.291	6900152	178757	0.026	1.0479	2 Aroclor 1016
2.559	732649	25336	0.035	0.1113	
2.659	845597	30033	0.036	0.1284	
2.804	15336157	377739	0.025	2.3291	2 Aroclor 1016
2.989	5435826	129880	0.024	0.8255	
3.092	12702137	217007	0.017	1.9290	
3.281	3414985	79889	0.023	0.5186	

RT	AREA	HEIGHT	HT/AREA	% AREA	COMPOUNDS
3.397	29003296	593248	0.020	4.4047	2 Aroclor 1016
3.575	15349247	288503	0.019	2.3311	
3.717	11256484	200207	0.018	1.7095	2 Aroclor 1016
3.913	21061689	249988	0.012	3.1986	
4.220	12704038	239917	0.019	1.9293	2 Aroclor 1016
4.382	9449317	205842	0.022	1.4350	
4.570	1516049	38639	0.025	0.2302	
4.699	111053796	2585763	0.023	16.8657	
5.005	1427742	42047	0.029	0.2168	
5.088	10564669	189855	0.018	1.6044	
5.550	1174583	32709	0.028	0.1784	
5.639	3084866	84794	0.027	0.4685	
5.767	12590257	237568	0.019	1.9121	
5.848	4599059	116416	0.025	0.6984	
5.993	19228535	435527	0.023	2.9202	
6.225	3622514	76494	0.021	0.5501	
6.317	22672764	491839	0.022	3.4433	
6.549	18486584	294027	0.016	2.8075	
6.679	1090272	30104	0.028	0.1656	
6.868	27077834	514583	0.019	4.1123	
7.015	16382006	388501	0.024	2.4879	29 Aroclor 1260
7.079	7933898	233843	0.029	1.2049	
7.215	2787627	76061	0.027	0.4234	
7.363	14834861	417524	0.028	2.2529	29 Aroclor 1260
7.435	8559391	253508	0.030	1.2999	29 Aroclor 1260
7.470	5298719	183875	0.035	0.8047	
7.557	2946516	111329	0.038	0.4475	
7.633	36931704	961822	0.026	5.6087	29 Aroclor 1260
7.925	33014568	721772	0.022	5.0139	
8.125	1568660	45570	0.029	0.2382	
8.211	3794687	132146	0.035	0.5763	
8.334	7811698	270947	0.035	1.1863	29 Aroclor 1260
8.528	2408844	93775	0.039	0.3658	
8.675	26976272	1019926	0.038	4.0968	\$ 34 Decachlorobiphenyl
10.001	8279725	38639	0.005	1.2574	
10.239	641054	17927	0.028	0.0974	
=====		=====		=====	
	658466868	16443762		100.000	

Total unknown % area = 66.9

Data File: \\target1.civfiles\chem\GC\hp5890-4.1\CD4639239.b\CD4639301.d\CD4639301.RAW
Injection Date: 10-AUG-2007 13:40
Instrument: hp5890-4.1
Client Sample ID: MW-3AMSD



8593 ✓

Organic Sample Preparation Log

Parameter	8081A 8082 C19	Est. Meth	35%	Na2SO4 Lot #	ES Na2SO4001	Extraction Date	8/13/07
Corr. MS/MSD			-			Concentration Date	8/14/07
Surrogate Dy	m / <i>dy</i>		-	Reagent H2O Lot #	RW081307	Surrogate Code	EWPESTJUR09
Spike Dy	m / <i>dy</i>	MeCl2 Lot #	-	H2SO4 Lot #	-	Spike Code	EWPESTGC00018
Extracted Dy	m / <i>dy</i>	Hexane Lot #	-	NaOH Lot #	-	Witness	
Int. Conc Dy		Hexane:Acetone Lot #	-	EXT Start time			EWPESTGC00019
Final Conc Dy	RL5	Acetone Lot #	-	EXT Stop time			EWPESTMS00017

Client	Lab Sample #	Sign Out	Init	Vol/Wt	Sur.	Matrix	CU	Final Extract	Bottle	Comments
		COC	ptl/Cl2	Extracted	Volume	Spike		Volume (ml)	Letter	
				Gms / mLs	(ul)	Volume (ul)				
Blank	081307-B56	N/A	71-	1000	1000	N/A	N/A	10.00		
	PEST GC					100				
	P-B GC					1000				
AKRF	220-2408 A-3					N/A				
	D-4									
Max/min Pirnie	220-2381 A-8		71-	500	500			4.00		
	A-9				500					
GEI Consultants	220-2407 K 1			870	1000			10.00		
	MS H 1			900		1000				
	MSB L 1			890						
	C 2			930		N/A				
	C 3			930						
	C 4			1000						

