Appendix M
Chemical Analysis Data
Volume 8 of 9

CASE: 38525

SDG: E2QQ1

8 of 9

TestAmerica
South Burlington, VT

Sample Data Package

SDG: E2QQ1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Standards – SOM01.2 Aroclors

(Hydrogen Carrier Gas)

6N - FORM VI ARO-1
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_1.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-5 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK*	RT OF STANDARDS CS1	CS2	CS3	CS4	CS5	$\overline{RT}$	RT WINDOW** FROM	TO
AR1016	1	6.80	6.79	6.80	6.79	6.79	6.79	6.72	6.86
	2	7.18	7.16	7.18	7.16	7.17	7.17	7.10	7.24
	3	7.93	7.92	7.93	7.92	7.92	7.92	7.85	7.99
	4	8.95	8.94	8.95	8.93	8.94	8.94	8.87	9.01
	5	9.25	9.24	9.25	9.24	9.24	9.24	9.17	9.31
TCX		5.45	5.44	5.45	5.43	5.44	5.44	5.39	5.49
DCB		15.99	15.98	15.99	15.97	15.98	15.98	15.88	16.08
AR1260	1	13.24	13.22	13.24	13.22	13.23	13.23	13.16	13.30
	2	13.59	13.57	13.59	13.57	13.57	13.58	13.51	13.65
	3	13.96	13.94	13.96	13.94	13.95	13.95	13.88	14.02
	4	14.34	14.33	14.34	14.32	14.33	14.33	14.26	14.40
	5	14.50	14.49	14.50	14.49	14.49	14.49	14.42	14.56
TCX									
DCB									
AR1242	1	6.80	6.80	6.80	6.79	6.78	6.79	6.72	6.86
	2	7.17	7.17	7.17	7.17	7.16	7.17	7.10	7.24
	3	7.72	7.72	7.72	7.71	7.70	7.71	7.64	7.78
	4	7.93	7.93	7.93	7.93	7.91	7.93	7.86	8.00
	5	8.10	8.10	8.10	8.10	8.08	8.10	8.03	8.17
TCX		5.45	5.45	5.44	5.44	5.43	5.44	5.39	5.49
DCB		15.99	15.99	15.99	15.98	15.97	15.98	15.88	16.08

*At least three peaks for each column are required for identification of Aroclors.

**Retention Time windows are ± 0.07 minutes for each Aroclor peak; ± 0.05 minutes for TCX; and ± 0.10 minutes for DCB.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl
Page 1 of 2

SOM01.2

6N - FORM VI ARO-1
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_1.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-5 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK*	RT OF STANDARDS CS1	CS2	CS3	CS4	CS5	$\overline{RT}$	RT WINDOW** FROM	TO
AR1248	1	6.79	6.79	6.79	6.79	6.79	6.79	6.72	6.86
	2	7.16	7.16	7.16	7.17	7.16	7.16	7.09	7.23
	3	7.71	7.71	7.71	7.71	7.71	7.71	7.64	7.78
	4	7.92	7.92	7.92	7.92	7.92	7.92	7.85	7.99
	5	9.03	9.03	9.03	9.03	9.03	9.03	8.96	9.10
TCX		5.44	5.44	5.44	5.44	5.44	5.44	5.39	5.49
DCB		15.98	15.98	15.98	15.98	15.98	15.98	15.88	16.08
AR1254	1	10.74	10.74	10.74	10.74	10.74	10.74	10.67	10.81
	2	11.18	11.18	11.18	11.18	11.18	11.18	11.11	11.25
	3	11.30	11.30	11.30	11.31	11.31	11.30	11.23	11.37
	4	11.41	11.41	11.41	11.41	11.41	11.41	11.34	11.48
	5	12.08	12.08	12.08	12.08	12.08	12.08	12.01	12.15
TCX		5.43	5.44	5.44	5.44	5.44	5.44	5.39	5.49
DCB		15.98	15.98	15.98	15.98	15.98	15.98	15.88	16.08

*At least three peaks for each column are required for identification of Aroclors.

**Retention Time windows are ± 0.07 minutes for each Aroclor peak; ± 0.05 minutes for TCX; and ± 0.10 minutes for DCB.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6N - FORM VI ARO-1
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_2.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-35 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK*	RT OF STANDARDS CS1	CS2	CS3	CS4	CS5	$\overline{RT}$	RT WINDOW** FROM	TO
AR1016	1	6.63	6.62	6.63	6.63	6.63	6.63	6.56	6.70
	2	7.54	7.53	7.54	7.53	7.53	7.53	7.46	7.60
	3	8.50	8.49	8.50	8.50	8.49	8.50	8.43	8.57
	4	8.85	8.84	8.85	8.85	8.84	8.85	8.78	8.92
	5	9.16	9.15	9.16	9.15	9.15	9.15	9.08	9.22
TCX		5.54	5.52	5.53	5.53	5.53	5.53	5.48	5.58
DCB		16.64	16.63	16.64	16.64	16.63	16.64	16.54	16.74
AR1260	1	13.76	13.75	13.76	13.75	13.75	13.75	13.68	13.82
	2	14.42	14.41	14.42	14.41	14.41	14.41	14.34	14.48
	3	14.87	14.86	14.87	14.86	14.86	14.86	14.79	14.93
	4	15.49	15.48	15.49	15.49	15.48	15.49	15.42	15.56
	5	15.60	15.58	15.59	15.59	15.59	15.59	15.52	15.66
TCX									
DCB									
AR1242	1	7.54	7.54	7.55	7.55	7.53	7.54	7.47	7.61
	2	8.16	8.16	8.17	8.17	8.15	8.16	8.09	8.23
	3	8.51	8.50	8.51	8.51	8.49	8.50	8.43	8.57
	4	8.86	8.85	8.86	8.86	8.84	8.85	8.78	8.92
	5	9.16	9.16	9.17	9.17	9.15	9.16	9.09	9.23
TCX		5.54	5.53	5.54	5.54	5.53	5.54	5.49	5.59
DCB		16.65	16.64	16.65	16.65	16.64	16.65	16.55	16.75

*At least three peaks for each column are required for identification of Aroclors.

**Retention Time windows are ± 0.07 minutes for each Aroclor peak; ± 0.05 minutes for TCX; and ± 0.10 minutes for DCB.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl
Page 1 of 2

SOM01.2

6N - FORM VI ARO-1
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_2.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-35 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK*	RT OF STANDARDS CS1	CS2	CS3	CS4	CS5	$\overline{RT}$	RT WINDOW** FROM	TO
AR1248	1	7.53	7.53	7.53	7.54	7.53	7.53	7.46	7.60
	2	8.49	8.49	8.49	8.50	8.49	8.49	8.42	8.56
	3	8.84	8.84	8.84	8.85	8.84	8.84	8.77	8.91
	4	9.51	9.51	9.51	9.52	9.51	9.51	9.44	9.58
	5	10.21	10.21	10.21	10.22	10.21	10.21	10.14	10.28
TCX		5.53	5.52	5.53	5.54	5.52	5.53	5.48	5.58
DCB		16.63	16.63	16.64	16.64	16.63	16.64	16.54	16.74
AR1254	1	11.69	11.69	11.70	11.70	11.69	11.69	11.62	11.76
	2	11.94	11.95	11.95	11.95	11.95	11.95	11.88	12.02
	3	12.20	12.20	12.21	12.20	12.20	12.20	12.13	12.27
	4	12.44	12.44	12.45	12.44	12.44	12.44	12.37	12.51
	5	12.81	12.82	12.82	12.82	12.81	12.82	12.75	12.89
TCX		5.52	5.53	5.53	5.53	5.53	5.53	5.48	5.58
DCB		16.63	16.64	16.64	16.64	16.64	16.64	16.54	16.74

*At least three peaks for each column are required for identification of Aroclors.

**Retention Time windows are ± 0.07 minutes for each Aroclor peak; ± 0.05 minutes for TCX; and ± 0.10 minutes for DCB.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6P - FORM VI ARO-2
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_1.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-5 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs) CS1	CS2	CS3	CS4	CS5	%RSD
AR1016	1	16410.000	14435.000	14187.500	12525.000	11912.500	12.7
	2	15740.000	13975.000	13840.000	12376.250	11744.375	11.5
	3	18710.000	16880.000	16912.500	15410.000	15017.500	8.8
	4	14090.000	12765.000	12290.000	10977.500	10511.250	11.8
	5	13790.000	12530.000	12540.000	11017.500	10911.250	9.9
TCX		561400.00	529800.00	549700.00	507025.00	528750.00	3.9
DCB		1178000.0	1173000.0	1295875.0	1262800.0	1324825.0	5.5
AR1260	1	21580.000	20025.000	20200.000	18615.000	19222.500	5.6
	2	30780.000	29885.000	30667.500	28806.250	29453.750	2.8
	3	82380.000	81285.000	90227.500	89142.500	93120.000	5.9
	4	45560.000	43975.000	46922.500	45840.000	48341.875	3.5
	5	31020.000	29890.000	31027.500	29796.250	30918.125	2.1
TCX							
DCB							
AR1242	1	14020.000	12590.000	11455.000	10581.250	10138.125	13.4
	2	12970.000	11980.000	11000.000	10200.000	9853.7500	11.5
	3	23110.000	21525.000	20770.000	20013.750	20153.750	6.0
	4	15580.000	14150.000	13332.500	12566.250	12462.500	9.5
	5	10740.000	9865.0000	9185.0000	8613.7500	8516.2500	9.9
TCX		608800.00	571700.00	568300.00	562375.00	574425.00	3.2
DCB		1145300.0	1186850.0	1169675.0	1233387.5	1292381.2	4.8

[1] At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl
Page 1 of 2

SOM01.2

6P - FORM VI ARO-2
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_1.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-5 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs) CS1	CS2	CS3	CS4	CS5	%RSD
AR1248	1	8380.0000	8285.0000	7362.5000	6677.5000	6000.6250	14.0
	2	6370.0000	6360.0000	5700.0000	5116.2500	4618.1250	13.7
	3	15000.000	14590.000	13380.000	12733.750	12003.125	9.2
	4	9150.0000	8845.0000	7785.0000	7317.5000	6547.5000	13.6
	5	9300.0000	9270.0000	7922.5000	7462.5000	6587.5000	14.5
TCX		578400.00	634100.00	612200.00	600375.00	583075.00	3.8
DCB		1179100.0	1211700.0	1206025.0	1248750.0	1246487.5	2.4
AR1254	1	11370.000	10585.000	9635.0000	8635.0000	8474.3750	12.8
	2	10460.000	9415.0000	8820.0000	7817.5000	7741.2500	12.9
	3	20200.000	18865.000	18275.000	16573.750	17718.125	7.3
	4	7550.0000	6905.0000	6600.0000	5787.5000	5711.8750	11.9
	5	27540.000	25800.000	24447.500	22772.500	23948.125	7.4
TCX		641600.00	588400.00	565350.00	557150.00	558287.50	6.1
DCB		1156900.0	1214500.0	1280775.0	1271325.0	1326612.5	5.2

[1] At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6P - FORM VI ARO-2
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_2.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-35 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs) CS1	CS2	CS3	CS4	CS5	%RSD
AR1016	1	13220.000	12525.000	12665.000	11860.000	11340.000	5.9
	2	19950.000	18610.000	19272.500	18178.750	17583.125	4.9
	3	32830.000	31670.000	34167.500	32411.250	33201.250	2.8
	4	17630.000	16870.000	17437.500	16478.750	16100.000	3.8
	5	14260.000	13690.000	14560.000	13353.750	13350.625	3.9
TCX		680200.00	652300.00	717300.00	672375.00	695737.50	3.6
DCB		825800.00	814700.00	867650.00	870962.50	872487.50	3.3
AR1260	1	52070.000	52390.000	55010.000	52510.000	54991.875	2.8
	2	137740.00	140940.00	153912.50	150422.50	156310.00	5.5
	3	39380.000	38980.000	40062.500	38967.500	39650.625	1.2
	4	14440.000	13530.000	13392.500	12862.500	12964.375	4.7
	5	33060.000	31995.000	33660.000	32613.750	33707.500	2.2
TCX							
DCB							
AR1242	1	16080.000	15375.000	14905.000	14503.750	14573.125	4.3
	2	8400.0000	8030.0000	7465.0000	7206.2500	7120.6250	7.2
	3	26310.000	26045.000	25575.000	25878.750	26391.250	1.3
	4	14160.000	13550.000	13387.500	12776.250	13075.000	3.9
	5	11540.000	11315.000	10752.500	10680.000	10543.125	4.0
TCX		742200.00	718000.00	725700.00	740800.00	754700.00	2.0
DCB		786300.00	768850.00	782850.00	824987.50	859581.25	4.6

[1] At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl
Page 1 of 2

SOM01.2

6P - FORM VI ARO-2
AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_2.i

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: RTX-35 ID: 0.25 (mm) Dates(s) Analyzed: 05/15/2009 05/16/2009

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs) CS1	CS2	CS3	CS4	CS5	%RSD
AR1248	1	9130.0000	9250.0000	8547.5000	8265.0000	7918.1250	6.6
	2	16570.000	16885.000	16225.000	16088.750	15938.125	2.3
	3	7610.0000	7775.0000	7347.5000	6947.5000	6623.1250	6.5
	4	6240.0000	6515.0000	6002.5000	5801.2500	5377.5000	7.2
	5	8030.0000	8160.0000	7590.0000	7227.5000	6783.7500	7.5
TCX		708000.00	789700.00	776750.00	788025.00	771600.00	4.4
DCB		789700.00	810850.00	802975.00	847825.00	829287.50	2.8
AR1254	1	16070.000	14880.000	14457.500	13791.250	14185.000	6.0
	2	12640.000	11890.000	11547.500	10535.000	10965.625	7.1
	3	15680.000	15345.000	14770.000	13906.250	14214.375	5.0
	4	13060.000	11595.000	11065.000	10313.750	10935.625	9.1
	5	49060.000	48820.000	50085.000	45215.000	49356.875	3.9
TCX		765600.00	731900.00	746650.00	750025.00	752612.50	1.6
DCB		788100.00	815650.00	848225.00	854575.00	888737.50	4.6

[1] At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6Q - FORM VI ARO-3
AROCLOR INITIAL CALIBRATION (SINGLE POINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_1.i Dates(s) Analyzed: 05/15/2009 05/16/2009

GC Column: RTX-5 ID: 0.25 (mm)

COMPOUND	AMOUNT (ng)	1 PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor 1221	0.400	1	5.77	5.70	5.84	6030.0000
		2	5.95	5.88	6.02	4882.5000
		3	6.05	5.98	6.12	13807.500
		4	6.84	6.77	6.91	2655.0000
		5	7.71	7.64	7.78	1902.5000
Aroclor 1232	0.400	1	6.05	5.98	6.12	12380.000
		2	6.80	6.73	6.87	6617.5000
		3	7.17	7.10	7.24	6430.0000
		4	7.72	7.65	7.79	11722.500
		5	7.93	7.86	8.00	7717.5000
Aroclor 1262	0.400	1	13.32	13.25	13.39	13970.000
		2	13.59	13.52	13.66	35547.500
		3	13.67	13.60	13.74	16527.500
		4	13.96	13.89	14.03	101620.00
		5	14.34	14.27	14.41	34030.000
Aroclor 1268	0.400	1	14.44	14.37	14.51	162310.00
		2	14.50	14.43	14.57	158950.00
		3	14.84	14.77	14.91	153055.00
		4	14.94	14.87	15.01	35235.000
		5	15.56	15.49	15.63	570440.00

1 At least three peaks for each column are required for identification of multicomponent analytes.

SOM01.2

6Q - FORM VI ARO-3
AROCLOR INITIAL CALIBRATION (SINGLE POINT)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Instrument ID: 5253_2.i Dates(s) Analyzed: 05/15/2009 05/16/2009

GC Column: RTX-35 ID: 0.25 (mm)

COMPOUND	AMOUNT (ng)	1 PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor 1221	0.400	1	6.22	6.15	6.29	7292.5000
		2	6.50	6.43	6.57	5047.5000
		3	6.64	6.57	6.71	16185.000
		4	6.73	6.66	6.80	2482.5000
		5	7.56	7.49	7.63	3075.0000
Aroclor 1232	0.400	1	6.63	6.56	6.70	14412.500
		2	7.55	7.48	7.62	8532.5000
		3	8.51	8.44	8.58	14167.500
		4	8.86	8.79	8.93	7345.0000
		5	10.12	10.05	10.19	5772.5000
Aroclor 1262	0.400	1	13.08	13.01	13.15	49057.500
		2	13.51	13.44	13.58	23752.500
		3	13.62	13.55	13.69	31487.500
		4	13.85	13.78	13.92	34207.500
		5	14.43	14.36	14.50	173332.50
Aroclor 1268	0.400	1	14.88	14.81	14.95	200672.50
		2	14.93	14.86	15.00	168052.50
		3	15.30	15.23	15.37	143442.50
		4	15.45	15.38	15.52	31447.500
		5	16.13	16.06	16.20	421280.00

1 At least three peaks for each column are required for identification of multicomponent analytes.

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR16603G2 Time Analyzed: 0244

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1016	1	6.79	6.72	6.86	13894.000	13502.500	-2.8
	2	7.16	7.10	7.24	13535.125	13317.500	-1.6
	3	7.92	7.85	7.99	16586.000	16250.000	-2.0
	4	8.94	8.87	9.01	12126.750	11785.000	-2.8
	5	9.24	9.17	9.31	12157.750	11857.500	-2.5
TCX		5.44	5.39	5.49	535335.00	518850.00	-3.1
DCB		15.98	15.88	16.08	1246900.0	1251825.0	0.4
AR1260	1	13.22	13.16	13.30	19928.500	19667.500	-1.3
	2	13.57	13.51	13.65	29918.500	29580.000	-1.1
	3	13.94	13.88	14.02	87231.000	85905.000	-1.5
	4	14.33	14.26	14.40	46127.875	44917.500	-2.6
	5	14.49	14.42	14.56	30530.375	29807.500	-2.4
TCX							
DCB							

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G3 Date Analyzed: 05/16/2009

Lab Sample ID: AR16603G3 Time Analyzed: 1016

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1016	1	6.80	6.72	6.86	13894.000	14332.500	3.2	
	2	7.17	7.10	7.24	13535.125	13970.000	3.2	
	3	7.93	7.85	7.99	16586.000	17610.000	6.2	
	4	8.95	8.87	9.01	12126.750	12810.000	5.6	
	5	9.25	9.17	9.31	12157.750	12810.000	5.4	
TCX		5.45	5.39	5.49	535335.00	563150.00	5.2	
DCB		15.98	15.88	16.08	1246900.0	956800.00	-23.3	<-
AR1260	1	13.23	13.16	13.30	19928.500	22462.500	12.7	
	2	13.58	13.51	13.65	29918.500	32477.500	8.6	
	3	13.95	13.88	14.02	87231.000	93810.000	7.5	
	4	14.34	14.26	14.40	46127.875	47297.500	2.5	
	5	14.50	14.42	14.56	30530.375	30495.000	-0.1	
TCX								
DCB								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12423G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR12423G2 Time Analyzed: 1040

EPA Sample No.(AR####3##): AR12483G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR12483G2 Time Analyzed: 1103

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1242	1	6.80	6.72	6.86	11756.875	11655.000	-0.9	
	2	7.17	7.10	7.24	11200.750	11187.500	-0.1	
	3	7.72	7.64	7.78	21114.500	21937.500	3.9	
	4	7.93	7.86	8.00	13618.250	14080.000	3.4	
	5	8.10	8.03	8.17	9384.000	9795.000	4.4	
TCX		5.45	5.39	5.49	535335.00	583750.00	9.0	
DCB		15.99	15.88	16.08	1246900.0	972275.00	-22.0	<-
AR1248	1	6.80	6.72	6.86	7341.125	7077.500	-3.6	
	2	7.17	7.09	7.23	5632.875	5635.000	0.0	
	3	7.72	7.64	7.78	13541.375	13567.500	0.2	
	4	7.93	7.85	7.99	7929.000	7775.000	-1.9	
	5	9.03	8.96	9.10	8108.500	8057.500	-0.6	
TCX		5.45	5.39	5.49	535335.00	565900.00	5.7	
DCB		15.98	15.88	16.08	1246900.0	1015225.0	-18.6	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12543G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR12543G2 Time Analyzed: 1127

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1254	1	10.74	10.67	10.81	9739.875	10347.500	6.2	
	2	11.18	11.11	11.25	8850.750	9665.000	9.2	
	3	11.31	11.23	11.37	18326.375	19602.500	7.0	
	4	11.42	11.34	11.48	6510.875	7195.000	10.5	
	5	12.08	12.01	12.15	24901.625	27130.000	8.9	
TCX		5.45	5.39	5.49	535335.00	548050.00	2.4	
DCB		15.98	15.88	16.08	1246900.0	995450.00	-20.2	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR16603G5 Time Analyzed: 0845

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1016	1	6.79	6.72	6.86	13894.000	13287.500	-4.4
	2	7.17	7.10	7.24	13535.125	12830.000	-5.2
	3	7.93	7.85	7.99	16586.000	16587.500	0.0
	4	8.94	8.87	9.01	12126.750	13465.000	11.0
	5	9.25	9.17	9.31	12157.750	12445.000	2.4
TCX		5.44	5.39	5.49	535335.00	523750.00	-2.2
DCB		15.98	15.88	16.08	1246900.0	1253850.0	0.6
AR1260	1	13.23	13.16	13.30	19928.500	20875.000	4.7
	2	13.58	13.51	13.65	29918.500	31632.500	5.7
	3	13.95	13.88	14.02	87231.000	92425.000	6.0
	4	14.33	14.26	14.40	46127.875	46322.500	0.4
	5	14.50	14.42	14.56	30530.375	29707.500	-2.7
TCX							
DCB							

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12423G4 Date Analyzed: 05/18/2009

Lab Sample ID: AR12423G4 Time Analyzed: 0909

EPA Sample No.(AR####3##): AR12483G4 Date Analyzed: 05/18/2009

Lab Sample ID: AR12483G4 Time Analyzed: 0933

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1242	1	6.79	6.72	6.86	11756.875	11282.500	-4.0
	2	7.17	7.10	7.24	11200.750	10732.500	-4.2
	3	7.71	7.64	7.78	21114.500	22077.500	4.6
	4	7.92	7.86	8.00	13618.250	13957.500	2.5
	5	8.09	8.03	8.17	9384.000	10030.000	6.9
TCX		5.44	5.39	5.49	535335.00	567350.00	6.0
DCB		15.98	15.88	16.08	1246900.0	1303400.0	4.5
AR1248	1	6.80	6.72	6.86	7341.125	6840.000	-6.8
	2	7.17	7.09	7.23	5632.875	5322.500	-5.5
	3	7.72	7.64	7.78	13541.375	12370.000	-8.7
	4	7.93	7.85	7.99	7929.000	7392.500	-6.8
	5	9.04	8.96	9.10	8108.500	8465.000	4.4
TCX		5.45	5.39	5.49	535335.00	531800.00	-0.7
DCB		15.99	15.88	16.08	1246900.0	1283775.0	3.0

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12543G4 Date Analyzed: 05/18/2009

Lab Sample ID: AR12543G4 Time Analyzed: 0957

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1254	1	10.74	10.67	10.81	9739.875	9640.000	-1.0
	2	11.18	11.11	11.25	8850.750	9387.500	6.1
	3	11.31	11.23	11.37	18326.375	20430.000	11.5
	4	11.41	11.34	11.48	6510.875	7227.500	11.0
	5	12.08	12.01	12.15	24901.625	26477.500	6.3
TCX		5.44	5.39	5.49	535335.00	540700.00	1.0
DCB		15.98	15.88	16.08	1246900.0	1273450.0	2.1

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G6 Date Analyzed: 05/18/2009

Lab Sample ID: AR16603G6 Time Analyzed: 1705

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1016	1	6.80	6.72	6.86	13894.000	14490.000	4.3	
	2	7.18	7.10	7.24	13535.125	13917.500	2.8	
	3	7.93	7.85	7.99	16586.000	17292.500	4.3	
	4	8.95	8.87	9.01	12126.750	14602.500	20.4	<-
	5	9.25	9.17	9.31	12157.750	13890.000	14.2	
TCX		5.45	5.39	5.49	535335.00	590300.00	10.3	
DCB		15.99	15.88	16.08	1246900.0	867275.00	-30.4	<-
AR1260	1	13.24	13.16	13.30	19928.500	23320.000	17.0	<-
	2	13.59	13.51	13.65	29918.500	33317.500	11.4	
	3	13.96	13.88	14.02	87231.000	95762.500	9.8	
	4	14.34	14.26	14.40	46127.875	46130.000	0.0	
	5	14.50	14.42	14.56	30530.375	28550.000	-6.5	
TCX								
DCB								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12423G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR12423G5 Time Analyzed: 1729

EPA Sample No.(AR####3##): AR12483G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR12483G5 Time Analyzed: 1753

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1242	1	6.80	6.72	6.86	11756.875	11670.000	-0.7	
	2	7.18	7.10	7.24	11200.750	11285.000	0.8	
	3	7.72	7.64	7.78	21114.500	22480.000	6.5	
	4	7.93	7.86	8.00	13618.250	14017.500	2.9	
	5	8.10	8.03	8.17	9384.000	9887.500	5.4	
TCX		5.45	5.39	5.49	535335.00	588950.00	10.0	
DCB		15.99	15.88	16.08	1246900.0	919600.00	-26.2	<-
AR1248	1	6.80	6.72	6.86	7341.125	7045.000	-4.0	
	2	7.18	7.09	7.23	5632.875	5505.000	-2.3	
	3	7.72	7.64	7.78	13541.375	12967.500	-4.2	
	4	7.94	7.85	7.99	7929.000	7487.500	-5.6	
	5	9.04	8.96	9.10	8108.500	8892.500	9.7	
TCX		5.45	5.39	5.49	535335.00	592600.00	10.7	
DCB		15.99	15.88	16.08	1246900.0	889775.00	-28.6	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12543G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR12543G5 Time Analyzed: 1817

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1254	1	10.75	10.67	10.81	9739.875	10105.000	3.7	
	2	11.19	11.11	11.25	8850.750	9510.000	7.4	
	3	11.31	11.23	11.37	18326.375	20477.500	11.7	
	4	11.42	11.34	11.48	6510.875	7385.000	13.4	
	5	12.09	12.01	12.15	24901.625	29165.000	17.1	<-
TCX		5.45	5.39	5.49	535335.00	577550.00	7.9	
DCB		15.99	15.88	16.08	1246900.0	907800.00	-27.2	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR16603G2 Time Analyzed: 0243

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1016	1	6.63	6.56	6.70	12322.000	12395.000	0.6
	2	7.54	7.46	7.60	18718.875	18750.000	0.2
	3	8.50	8.43	8.57	32856.000	32987.500	0.4
	4	8.85	8.78	8.92	16903.250	16632.500	-1.6
	5	9.16	9.08	9.22	13842.875	13942.500	0.7
TCX		5.53	5.48	5.58	683582.50	679400.00	-0.6
DCB		16.64	16.54	16.74	850320.00	857650.00	0.9
AR1260	1	13.76	13.68	13.82	53394.375	53755.000	0.7
	2	14.42	14.34	14.48	147865.00	148762.50	0.6
	3	14.87	14.79	14.93	39408.125	39387.500	-0.1
	4	15.49	15.42	15.56	13437.875	13747.500	2.3
	5	15.59	15.52	15.66	33007.250	32795.000	-0.6
TCX							
DCB							

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G3 Date Analyzed: 05/16/2009

Lab Sample ID: AR16603G3 Time Analyzed: 1016

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1016	1	6.63	6.56	6.70	12322.000	12975.000	5.3	
	2	7.54	7.46	7.60	18718.875	19232.500	2.7	
	3	8.50	8.43	8.57	32856.000	35295.000	7.4	
	4	8.85	8.78	8.92	16903.250	17742.500	5.0	
	5	9.16	9.08	9.22	13842.875	14772.500	6.7	
TCX		5.54	5.48	5.58	683582.50	733350.00	7.3	
DCB		16.64	16.54	16.74	850320.00	615725.00	-27.6	<-
AR1260	1	13.76	13.68	13.82	53394.375	55185.000	3.4	
	2	14.42	14.34	14.48	147865.00	152500.00	3.1	
	3	14.87	14.79	14.93	39408.125	37922.500	-3.8	
	4	15.49	15.42	15.56	13437.875	11957.500	-11.0	
	5	15.59	15.52	15.66	33007.250	27047.500	-18.1	<-
TCX								
DCB								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12423G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR12423G2 Time Analyzed: 1040

EPA Sample No.(AR####3##): AR12483G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR12483G2 Time Analyzed: 1103

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1242	1	7.55	7.47	7.61	15087.375	15447.500	2.4	
	2	8.16	8.09	8.23	7644.375	7827.500	2.4	
	3	8.51	8.43	8.57	26040.000	27290.000	4.8	
	4	8.86	8.78	8.92	13389.750	13710.000	2.4	
	5	9.17	9.09	9.23	10966.125	11370.000	3.7	
TCX		5.54	5.48	5.58	683582.50	738450.00	8.0	
DCB		16.65	16.54	16.74	850320.00	640475.00	-24.7	<-
AR1248	1	7.54	7.46	7.60	8622.125	8475.000	-1.7	
	2	8.50	8.42	8.56	16341.375	16507.500	1.0	
	3	8.85	8.77	8.91	7260.625	7125.000	-1.9	
	4	9.52	9.44	9.58	5987.250	6057.500	1.2	
	5	10.21	10.14	10.28	7558.250	7845.000	3.8	
TCX		5.53	5.48	5.58	683582.50	727000.00	6.4	
DCB		16.64	16.54	16.74	850320.00	662350.00	-22.1	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12543G2 Date Analyzed: 05/16/2009

Lab Sample ID: AR12543G2 Time Analyzed: 1127

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1254	1	11.70	11.62	11.76	14676.750	15780.000	7.5	
	2	11.96	11.88	12.02	11515.625	12082.500	4.9	
	3	12.21	12.13	12.27	14783.125	15727.500	6.4	
	4	12.45	12.37	12.51	11393.875	11982.500	5.2	
	5	12.83	12.75	12.89	48507.375	52795.000	8.8	
TCX		5.54	5.48	5.58	683582.50	717050.00	4.9	
DCB		16.65	16.54	16.74	850320.00	654525.00	-23.0	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR16603G5 Time Analyzed: 0845

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1016	1	6.63	6.56	6.70	12322.000	12310.000	-0.1
	2	7.54	7.46	7.60	18718.875	18357.500	-1.9
	3	8.51	8.43	8.57	32856.000	32835.000	-0.1
	4	8.85	8.78	8.92	16903.250	16632.500	-1.6
	5	9.16	9.08	9.22	13842.875	13817.500	-0.2
TCX		5.54	5.48	5.58	683582.50	686900.00	0.5
DCB		16.64	16.54	16.74	850320.00	752025.00	-11.6
AR1260	1	13.76	13.68	13.82	53394.375	50455.000	-5.5
	2	14.42	14.34	14.48	147865.00	137572.50	-7.0
	3	14.87	14.79	14.93	39408.125	35470.000	-10.0
	4	15.50	15.42	15.56	13437.875	11802.500	-12.2
	5	15.60	15.52	15.66	33007.250	29687.500	-10.1
TCX							
DCB							

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12423G4 Date Analyzed: 05/18/2009

Lab Sample ID: AR12423G4 Time Analyzed: 0909

EPA Sample No.(AR####3##): AR12483G4 Date Analyzed: 05/18/2009

Lab Sample ID: AR12483G4 Time Analyzed: 0933

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1242	1	7.54	7.47	7.61	15087.375	16282.500	7.9
	2	8.16	8.09	8.23	7644.375	8147.500	6.6
	3	8.50	8.43	8.57	26040.000	28462.500	9.3
	4	8.85	8.78	8.92	13389.750	14350.000	7.2
	5	9.16	9.09	9.23	10966.125	11955.000	9.0
TCX		5.53	5.48	5.58	683582.50	747100.00	9.3
DCB		16.64	16.54	16.74	850320.00	828125.00	-2.6
AR1248	1	7.53	7.46	7.60	8622.125	8730.000	1.3
	2	8.50	8.42	8.56	16341.375	16582.500	1.5
	3	8.85	8.77	8.91	7260.625	7265.000	0.1
	4	9.51	9.44	9.58	5987.250	6175.000	3.1
	5	10.21	10.14	10.28	7558.250	7890.000	4.4
TCX		5.53	5.48	5.58	683582.50	726000.00	6.2
DCB		16.64	16.54	16.74	850320.00	823175.00	-3.2

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12543G4 Date Analyzed: 05/18/2009

Lab Sample ID: AR12543G4 Time Analyzed: 0957

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D
AR1254	1	11.70	11.62	11.76	14676.750	14795.000	0.8
	2	11.95	11.88	12.02	11515.625	11707.500	1.7
	3	12.21	12.13	12.27	14783.125	14785.000	0.0
	4	12.45	12.37	12.51	11393.875	11252.500	-1.2
	5	12.83	12.75	12.89	48507.375	51565.000	6.3
TCX		5.54	5.48	5.58	683582.50	732900.00	7.2
DCB		16.65	16.54	16.74	850320.00	800575.00	-5.9

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR16603G6 Date Analyzed: 05/18/2009

Lab Sample ID: AR16603G6 Time Analyzed: 1705

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1016	1	6.63	6.56	6.70	12322.000	13427.500	9.0	
	2	7.54	7.46	7.60	18718.875	19842.500	6.0	
	3	8.50	8.43	8.57	32856.000	35697.500	8.6	
	4	8.85	8.78	8.92	16903.250	18457.500	9.2	
	5	9.15	9.08	9.22	13842.875	15130.000	9.3	
TCX		5.53	5.48	5.58	683582.50	794750.00	16.3	<-
DCB		16.64	16.54	16.74	850320.00	585100.00	-31.2	<-
AR1260	1	13.76	13.68	13.82	53394.375	55840.000	4.6	
	2	14.42	14.34	14.48	147865.00	150697.50	1.9	
	3	14.87	14.79	14.93	39408.125	36895.000	-6.4	
	4	15.49	15.42	15.56	13437.875	11897.500	-11.5	
	5	15.59	15.52	15.66	33007.250	25197.500	-23.7	<-
TCX								
DCB								

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12423G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR12423G5 Time Analyzed: 1729

EPA Sample No.(AR####3##): AR12483G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR12483G5 Time Analyzed: 1753

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1242	1	7.54	7.47	7.61	15087.375	15745.000	4.4	
	2	8.16	8.09	8.23	7644.375	8222.500	7.6	
	3	8.51	8.43	8.57	26040.000	28577.500	9.7	
	4	8.86	8.78	8.92	13389.750	14472.500	8.1	
	5	9.16	9.09	9.23	10966.125	12195.000	11.2	
TCX		5.54	5.48	5.58	683582.50	786600.00	15.1	<-
DCB		16.64	16.54	16.74	850320.00	623400.00	-26.7	<-
AR1248	1	7.54	7.46	7.60	8622.125	8850.000	2.6	
	2	8.50	8.42	8.56	16341.375	16960.000	3.8	
	3	8.85	8.77	8.91	7260.625	7550.000	4.0	
	4	9.52	9.44	9.58	5987.250	6512.500	8.8	
	5	10.21	10.14	10.28	7558.250	8017.500	6.1	
TCX		5.54	5.48	5.58	683582.50	811600.00	18.7	<-
DCB		16.64	16.54	16.74	850320.00	611725.00	-28.1	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7N - FORM VII ARO
AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

EPA Sample No.(AR####3##): AR12543G5 Date Analyzed: 05/18/2009

Lab Sample ID: AR12543G5 Time Analyzed: 1817

EPA Sample No.(AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	$\overline{CF}$	CF	%D	
AR1254	1	11.69	11.62	11.76	14676.750	15515.000	5.7	
	2	11.95	11.88	12.02	11515.625	12205.000	6.0	
	3	12.20	12.13	12.27	14783.125	16042.500	8.5	
	4	12.44	12.37	12.51	11393.875	11862.500	4.1	
	5	12.82	12.75	12.89	48507.375	55722.500	14.9	
TCX		5.53	5.48	5.58	683582.50	777400.00	13.7	
DCB		16.64	16.54	16.74	850320.00	622725.00	-26.8	<-

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

Instrument ID: 5253_1.i

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.44 DCB: 15.98

	EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR12213G1	15MAY091509-R041	05/15/2009	1624	5.44	15.98
02	AR12323G1	15MAY091509-R051	05/15/2009	1648	5.44	15.99
03	AR12421G1	15MAY091509-R061	05/15/2009	1712	5.45	15.99
04	AR12422G1	15MAY091509-R071	05/15/2009	1736	5.45	15.99
05	AR12423G1	15MAY091509-R081	05/15/2009	1800	5.44	15.99
06	AR12424G1	15MAY091509-R091	05/15/2009	1823	5.44	15.98
07	AR12425G1	15MAY091509-R101	05/15/2009	1847	5.43	15.97
08	AR12481G1	15MAY091509-R111	05/15/2009	1911	5.44	15.98
09	AR12482G1	15MAY091509-R121	05/15/2009	1935	5.44	15.98
10	AR12483G1	15MAY091509-R131	05/15/2009	1958	5.44	15.98
11	AR12484G1	15MAY091509-R141	05/15/2009	2022	5.44	15.98
12	AR12485G1	15MAY091509-R151	05/15/2009	2046	5.44	15.98
13	AR12541G1	15MAY091509-R161	05/15/2009	2110	5.43	15.98
14	AR12542G1	15MAY091509-R171	05/15/2009	2134	5.44	15.98
15	AR12543G1	15MAY091509-R181	05/15/2009	2157	5.44	15.98
16	AR12544G1	15MAY091509-R191	05/15/2009	2221	5.44	15.98
17	AR12545G1	15MAY091509-R201	05/15/2009	2245	5.44	15.98
18	AR12623G1	15MAY091509-R211	05/15/2009	2309	5.45	15.99
19	AR12683G1	15MAY091509-R221	05/15/2009	2333	5.45	15.99
20	AIBLKG4	15MAY091509-R231	05/15/2009	2357	5.45	15.98
21	AR16601G1	15MAY091509-R241	05/16/2009	0020	5.45	15.99
22	AR16602G1	15MAY091509-R251	05/16/2009	0045	5.44	15.98
23	AR16603G1	15MAY091509-R261	05/16/2009	0108	5.45	15.99
24	AR16604G1	15MAY091509-R271	05/16/2009	0132	5.43	15.97
25	AR16605G1	15MAY091509-R281	05/16/2009	0156	5.44	15.98
26	AIBLKG5	15MAY091509-R291	05/16/2009	0220	5.44	15.98
27	AR16603G2	15MAY091509-R301	05/16/2009	0244	5.44	15.98
28	ABLKQ3	15MAY091517-R011	05/16/2009	0307	5.44	15.98
29	ALCSQ3	15MAY091517-R021	05/16/2009	0331	5.43	15.97
30	E2QQ3	15MAY091517-R031	05/16/2009	0355	5.45	15.98
31	E2QQ4	15MAY091517-R041	05/16/2009	0419	5.45	15.99
32	E2QQ5	15MAY091517-R051	05/16/2009	0443	5.44	15.99

	QC LIMITS
TCX = Tetrachloro-m-xylene	(± 0.05 MINUTES)
DCB = Decachlorobiphenyl	(± 0.10 MINUTES)

Column used to flag RT values outside contract required QC limits with an asterisk.

Page 1 of 3 SOM01.2

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

Instrument ID: 5253_1.i

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.44 DCB: 15.98

	EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
33	E2QQ6	15MAY091517-R061	05/16/2009	0506	5.46	16.01
34	E2QQ7	15MAY091517-R071	05/16/2009	0530	5.45	15.99
35	E2QQ8	15MAY091517-R081	05/16/2009	0554	5.46	15.99
36	E2QR1	15MAY091517-R091	05/16/2009	0618	5.45	15.99
37	E2QR2	15MAY091517-R101	05/16/2009	0642	5.45	15.99
38	E2QR3	15MAY091517-R111	05/16/2009	0705	5.44	15.97
39	E2QR4	15MAY091517-R121	05/16/2009	0729	5.45	15.99
40	E2QR5	15MAY091517-R131	05/16/2009	0753	5.45	15.99
41	E2QR7	15MAY091517-R141	05/16/2009	0817	5.44	15.97
42	E2QR8	15MAY091517-R151	05/16/2009	0841	5.44	15.98
43	E2QS1	15MAY091517-R161	05/16/2009	0904	5.45	15.98
44	AIBLKG6	15MAY091517-R171	05/16/2009	0928	5.44	15.98
45	AIBLKG7	15MAY091517-R181	05/16/2009	0952	5.45	15.98
46	AR16603G3	15MAY091517-R191	05/16/2009	1016	5.45	15.98
47	AR12423G2	15MAY091517-R201	05/16/2009	1040	5.45	15.99
48	AR12483G2	15MAY091517-R211	05/16/2009	1103	5.45	15.98
49	AR12543G2	15MAY091517-R221	05/16/2009	1127	5.45	15.98
50	AIBLKH9	18MAY090735-R021	05/18/2009	0821	5.44	15.98
51	AR16603G5	18MAY090735-R031	05/18/2009	0845	5.44	15.98
52	AR12423G4	18MAY090735-R041	05/18/2009	0909	5.44	15.98
53	AR12483G4	18MAY090735-R051	05/18/2009	0933	5.45	15.99
54	AR12543G4	18MAY090735-R061	05/18/2009	0957	5.44	15.98
55	E2QQ1	18MAY091007-R011	05/18/2009	1020	5.45	16.00
56	AIBLKI1	18MAY091007-R021	05/18/2009	1044	5.45	15.99
57	E2QQ1MS	18MAY091007-R031	05/18/2009	1108	5.46	16.00
58	AIBLKI2	18MAY091007-R041	05/18/2009	1132	5.45	15.99
59	E2QQ1MSD	18MAY091007-R051	05/18/2009	1155	5.44	15.99
60	AIBLKI3	18MAY091007-R061	05/18/2009	1219	5.45	15.99
61	E2QQ2	18MAY091007-R071	05/18/2009	1243	5.44	15.99
62	AIBLKI4	18MAY091007-R081	05/18/2009	1307	5.44	15.98
63	E2QR6	18MAY091007-R091	05/18/2009	1331	5.44	15.98
64	AIBLKI5	18MAY091007-R101	05/18/2009	1355	5.44	15.98

QC LIMITS
TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values outside contract required QC limits with an asterisk.

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-5 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

Instrument ID: 5253_1.i

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.44 DCB: 15.98

	EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
65	E2QR9	18MAY091007-R111	05/18/2009	1418	5.45	15.98
66	AIBLKI6	18MAY091007-R121	05/18/2009	1442	5.44	15.98
67	E2QS0	18MAY091007-R131	05/18/2009	1506	5.46	16.01
68	AIBLKI7	18MAY091007-R141	05/18/2009	1530	5.45	15.98
69	E2QS2	18MAY091007-R151	05/18/2009	1554		
70	AIBLKI8	18MAY091007-R161	05/18/2009	1618	5.44	15.98
71	AIBLKI9	18MAY091007-R171	05/18/2009	1641	5.45	15.98
72	AR16603G6	18MAY091007-R181	05/18/2009	1705	5.45	15.99
73	AR12423G5	18MAY091007-R191	05/18/2009	1729	5.45	15.99
74	AR12483G5	18MAY091007-R201	05/18/2009	1753	5.45	15.99
75	AR12543G5	18MAY091007-R211	05/18/2009	1817	5.45	15.99
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						

	QC LIMITS
TCX = Tetrachloro-m-xylene	(± 0.05 MINUTES)
DCB = Decachlorobiphenyl	(± 0.10 MINUTES)

Column used to flag RT values outside contract required QC limits with an asterisk.

Page 3 of 3 SOM01.2

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

Instrument ID: 5253_2.i

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.53 DCB: 16.64

	EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR12213G1	15MAY091509-R041	05/15/2009	1624	5.54	16.65
02	AR12323G1	15MAY091509-R051	05/15/2009	1648	5.54	16.64
03	AR12421G1	15MAY091509-R061	05/15/2009	1712	5.54	16.65
04	AR12422G1	15MAY091509-R071	05/15/2009	1736	5.53	16.64
05	AR12423G1	15MAY091509-R081	05/15/2009	1800	5.54	16.65
06	AR12424G1	15MAY091509-R091	05/15/2009	1823	5.54	16.65
07	AR12425G1	15MAY091509-R101	05/15/2009	1847	5.53	16.64
08	AR12481G1	15MAY091509-R111	05/15/2009	1911	5.53	16.63
09	AR12482G1	15MAY091509-R121	05/15/2009	1935	5.52	16.63
10	AR12483G1	15MAY091509-R131	05/15/2009	1958	5.53	16.64
11	AR12484G1	15MAY091509-R141	05/15/2009	2022	5.54	16.64
12	AR12485G1	15MAY091509-R151	05/15/2009	2046	5.52	16.63
13	AR12541G1	15MAY091509-R161	05/15/2009	2110	5.52	16.63
14	AR12542G1	15MAY091509-R171	05/15/2009	2134	5.53	16.64
15	AR12543G1	15MAY091509-R181	05/15/2009	2157	5.53	16.64
16	AR12544G1	15MAY091509-R191	05/15/2009	2221	5.53	16.64
17	AR12545G1	15MAY091509-R201	05/15/2009	2245	5.53	16.64
18	AR12623G1	15MAY091509-R211	05/15/2009	2309	5.54	16.65
19	AR12683G1	15MAY091509-R221	05/15/2009	2333	5.54	16.65
20	AIBLKG4	15MAY091509-R231	05/15/2009	2357	5.54	16.65
21	AR16601G1	15MAY091509-R241	05/16/2009	0020	5.54	16.64
22	AR16602G1	15MAY091509-R251	05/16/2009	0045	5.52	16.63
23	AR16603G1	15MAY091509-R261	05/16/2009	0108	5.53	16.64
24	AR16604G1	15MAY091509-R271	05/16/2009	0132	5.53	16.64
25	AR16605G1	15MAY091509-R281	05/16/2009	0156	5.53	16.63
26	AIBLKG5	15MAY091509-R291	05/16/2009	0220	5.52	16.63
27	AR16603G2	15MAY091509-R301	05/16/2009	0243	5.53	16.64
28	ABLKQ3	15MAY091517-R011	05/16/2009	0307	5.53	16.64
29	ALCSQ3	15MAY091517-R021	05/16/2009	0331	5.53	16.64
30	E2QQ3	15MAY091517-R031	05/16/2009	0355	5.54	16.64
31	E2QQ4	15MAY091517-R041	05/16/2009	0419	5.53	16.64
32	E2QQ5	15MAY091517-R051	05/16/2009	0443	5.53	16.64

	QC LIMITS
TCX = Tetrachloro-m-xylene	(± 0.05 MINUTES)
DCB = Decachlorobiphenyl	(± 0.10 MINUTES)

Column used to flag RT values outside contract required QC limits with an asterisk.

Page 1 of 3 SOM01.2

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

Instrument ID: 5253_2.i

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.53 DCB: 16.64

	EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
33	E2QQ6	15MAY091517-R061	05/16/2009	0506	5.55	16.66
34	E2QQ7	15MAY091517-R071	05/16/2009	0530	5.54	16.64
35	E2QQ8	15MAY091517-R081	05/16/2009	0554	5.54	16.65
36	E2QR1	15MAY091517-R091	05/16/2009	0618	5.54	16.64
37	E2QR2	15MAY091517-R101	05/16/2009	0642	5.54	16.64
38	E2QR3	15MAY091517-R111	05/16/2009	0705	5.52	16.62
39	E2QR4	15MAY091517-R121	05/16/2009	0729	5.55	16.65
40	E2QR5	15MAY091517-R131	05/16/2009	0753	5.54	16.64
41	E2QR7	15MAY091517-R141	05/16/2009	0817	5.52	16.62
42	E2QR8	15MAY091517-R151	05/16/2009	0841	5.53	16.64
43	E2QS1	15MAY091517-R161	05/16/2009	0904	5.53	16.64
44	AIBLKG6	15MAY091517-R171	05/16/2009	0928	5.54	16.64
45	AIBLKG7	15MAY091517-R181	05/16/2009	0952	5.53	16.64
46	AR16603G3	15MAY091517-R191	05/16/2009	1016	5.54	16.64
47	AR12423G2	15MAY091517-R201	05/16/2009	1040	5.54	16.65
48	AR12483G2	15MAY091517-R211	05/16/2009	1103	5.53	16.64
49	AR12543G2	15MAY091517-R221	05/16/2009	1127	5.54	16.65
50	AIBLKH9	18MAY090735-R021	05/18/2009	0821	5.53	16.64
51	AR16603G5	18MAY090735-R031	05/18/2009	0845	5.54	16.64
52	AR12423G4	18MAY090735-R041	05/18/2009	0909	5.53	16.64
53	AR12483G4	18MAY090735-R051	05/18/2009	0933	5.53	16.64
54	AR12543G4	18MAY090735-R061	05/18/2009	0957	5.54	16.65
55	E2QQ1	18MAY091007-R011	05/18/2009	1020	5.54	16.65
56	AIBLKI1	18MAY091007-R021	05/18/2009	1044	5.54	16.64
57	E2QQ1MS	18MAY091007-R031	05/18/2009	1108	5.54	16.65
58	AIBLKI2	18MAY091007-R041	05/18/2009	1132	5.53	16.64
59	E2QQ1MSD	18MAY091007-R051	05/18/2009	1155	5.54	16.64
60	AIBLKI3	18MAY091007-R061	05/18/2009	1219	5.54	16.65
61	E2QQ2	18MAY091007-R071	05/18/2009	1243	5.53	16.64
62	AIBLKI4	18MAY091007-R081	05/18/2009	1307	5.53	16.64
63	E2QR6	18MAY091007-R091	05/18/2009	1331	5.53	16.63
64	AIBLKI5	18MAY091007-R101	05/18/2009	1355	5.53	16.64

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values outside contract required QC limits with an asterisk.

Page 2 of 3 SOM01.2

8H - FORM VIII ARO
AROCLOR ANALYTICAL SEQUENCE

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-35 ID: 0.25 (mm) Init. Calib. Date(s): 05/15/2009 05/16/2009

Instrument ID: 5253_2.i

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, and LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.53 DCB: 16.64

	EPA SAMPLE NO.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
65	E2QR9	18MAY091007-R111	05/18/2009	1418	5.53	16.63
66	AIBLKI6	18MAY091007-R121	05/18/2009	1442	5.52	16.63
67	E2QS0	18MAY091007-R131	05/18/2009	1506	5.55	16.65
68	AIBLKI7	18MAY091007-R141	05/18/2009	1530	5.53	16.63
69	E2QS2	18MAY091007-R151	05/18/2009	1554		
70	AIBLKI8	18MAY091007-R161	05/18/2009	1618	5.54	16.65
71	AIBLKI9	18MAY091007-R171	05/18/2009	1641	5.54	16.64
72	AR16603G6	18MAY091007-R181	05/18/2009	1705	5.53	16.64
73	AR12423G5	18MAY091007-R191	05/18/2009	1729	5.54	16.64
74	AR12483G5	18MAY091007-R201	05/18/2009	1753	5.54	16.64
75	AR12543G5	18MAY091007-R211	05/18/2009	1817	5.53	16.64
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						

	QC LIMITS
TCX = Tetrachloro-m-xylene	(± 0.05 MINUTES)
DCB = Decachlorobiphenyl	(± 0.10 MINUTES)

Column used to flag RT values outside contract required QC limits with an asterisk.

Page 3 of 3 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ1

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794701 Date(s) Analyzed: 05/18/2009 05/18/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.80	6.72	6.86	22000		
	2	7.18	7.09	7.23	26000		
	3	7.73	7.64	7.78	25000		
	4	7.94	7.85	7.99	20000		
	5	9.05	8.96	9.10	26000	24000	
COLUMN 2	1	7.54	7.46	7.60	22000		
	2	8.51	8.42	8.56	26000		
	3	8.86	8.77	8.91	18000		
	4	9.53	9.44	9.58	21000		
	5	10.23	10.14	10.28	21000	21000	14.3
Aroclor-1254 COLUMN 1	1	10.76	10.67	10.81	13000		
	2	11.20	11.11	11.25	13000		
	3	11.32	11.23	11.37	10000		
	4	11.43	11.34	11.48	21000		
	5	12.10	12.01	12.15	7900	13000	
COLUMN 2	1	11.71	11.62	11.76	13000		
	2	11.96	11.88	12.02	13000		
	3	12.22	12.13	12.27	13000		
	4						
	5	12.83	12.75	12.89	6600	11000	18.2
Aroclor-1260 COLUMN 1	1						
	2	13.60	13.51	13.65	1700		
	3	13.97	13.88	14.02	1500		
	4	14.35	14.26	14.40	1700		
	5	14.52	14.42	14.56	1800	1700	
COLUMN 2	1	13.77	13.68	13.82	1300		
	2	14.43	14.34	14.48	1300		
	3	14.88	14.79	14.93	1600		
	4	15.50	15.42	15.56	1500		
	5	15.61	15.52	15.66	1200	1400	21.4

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ2

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794702 Date(s) Analyzed: 05/18/2009 05/18/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
	1	6.80	6.72	6.86	25000		
Aroclor-1248	2	7.17	7.09	7.23	33000		
	3	7.72	7.64	7.78	27000		
COLUMN 1	4	7.94	7.85	7.99	21000		
	5	9.04	8.96	9.10	30000	27000	
	1	7.54	7.46	7.60	23000		
	2	8.51	8.42	8.56	30000		
	3	8.86	8.77	8.91	28000		
COLUMN 2	4	9.53	9.44	9.58	21000		
	5	10.23	10.14	10.28	21000	25000	8.0
	1	10.77	10.67	10.81	11000		
Aroclor-1254	2	11.21	11.11	11.25	11000		
	3	11.34	11.23	11.37	9900		
COLUMN 1	4	11.44	11.34	11.48	19000		
	5	12.11	12.01	12.15	7600	12000	
	1	11.72	11.62	11.76	21000		
	2	11.96	11.88	12.02	32000		
	3	12.22	12.13	12.27	37000		
COLUMN 2	4						
	5	12.84	12.75	12.89	6200	24000	100.0
	1						
Aroclor-1260	2	13.60	13.51	13.65	1600		
	3	13.98	13.88	14.02	1300		
COLUMN 1	4	14.36	14.26	14.40	1400		
	5	14.52	14.42	14.56	1700	1500	
	1	13.77	13.68	13.82	1200		
	2	14.43	14.34	14.48	1200		
	3	14.87	14.79	14.93	1400		
COLUMN 2	4	15.49	15.42	15.56	1100		
	5	15.60	15.52	15.66	780	1100	36.4

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ3

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794703 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	91		
	2	7.18	7.09	7.23	130		
	3	7.72	7.64	7.78	140		
	4	7.93	7.85	7.99	98		
	5					110	
COLUMN 2	1	7.55	7.46	7.60	67		
	2	8.51	8.42	8.56	120		
	3	8.86	8.77	8.91	150		
	4	9.53	9.44	9.58	180		
	5	10.22	10.14	10.28	95	120	9.1
Aroclor-1254 COLUMN 1	1	10.74	10.67	10.81	240		
	2	11.18	11.11	11.25	210		
	3						
	4	11.42	11.34	11.48	380		
	5	12.08	12.01	12.15	160	250	
COLUMN 2	1	11.71	11.62	11.76	680		
	2	11.95	11.88	12.02	480		
	3	12.22	12.13	12.27	680		
	4						
	5	12.82	12.75	12.89	140	500	100.0
Aroclor-1260 COLUMN 1	1	13.23	13.16	13.30	110		
	2	13.58	13.51	13.65	84		
	3	13.95	13.88	14.02	79		
	4	14.34	14.26	14.40	94		
	5	14.50	14.42	14.56	170	110	
COLUMN 2	1	13.76	13.68	13.82	75		
	2	14.42	14.34	14.48	71		
	3	14.87	14.79	14.93	140		
	4	15.49	15.42	15.56	81		
	5	15.60	15.52	15.66	85	91	20.9

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ4

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794704 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
	1	6.80	6.72	6.86	79		
Aroclor-1248	2	7.17	7.09	7.23	91		
	3	7.72	7.64	7.78	110		
COLUMN 1	4	7.93	7.85	7.99	110		
	5	9.04	8.96	9.10	160	110	
	1	7.53	7.46	7.60	57		
	2	8.50	8.42	8.56	91		
	3	8.85	8.77	8.91	130		
COLUMN 2	4	9.52	9.44	9.58	110		
	5	10.21	10.14	10.28	100	97	13.4
	1	10.74	10.67	10.81	190		
Aroclor-1254	2	11.18	11.11	11.25	170		
	3						
COLUMN 1	4	11.42	11.34	11.48	300		
	5	12.08	12.01	12.15	120	200	
	1	11.70	11.62	11.76	420		
	2	11.95	11.88	12.02	160		
	3						
COLUMN 2	4						
	5	12.81	12.75	12.89	110	230	15.0
	1	13.23	13.16	13.30	76		
Aroclor-1260	2	13.58	13.51	13.65	58		
	3	13.95	13.88	14.02	53		
COLUMN 1	4	14.34	14.26	14.40	65		
	5	14.50	14.42	14.56	110	73	
	1	13.75	13.68	13.82	50		
	2	14.42	14.34	14.48	49		
	3	14.86	14.79	14.93	76		
COLUMN 2	4	15.49	15.42	15.56	56		
	5	15.59	15.52	15.66	55	57	28.1

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ5

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794705 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	84		
	2						
	3	7.72	7.64	7.78	41		
	4	7.93	7.85	7.99	28		
	5					51	
COLUMN 2	1	7.55	7.46	7.60	27		
	2	8.49	8.42	8.56	26		
	3	8.85	8.77	8.91	25		
	4	9.52	9.44	9.58	66		
	5	10.21	10.14	10.28	16	32	59.4
Aroclor-1254 COLUMN 1	1	10.74	10.67	10.81	220		
	2	11.18	11.11	11.25	67		
	3	11.31	11.23	11.37	84		
	4	11.42	11.34	11.48	340		
	5	12.08	12.01	12.15	110	170	
COLUMN 2	1	11.69	11.62	11.76	330		
	2	11.95	11.88	12.02	380		
	3						
	4						
	5	12.81	12.75	12.89	88	270	58.8
Aroclor-1260 COLUMN 1	1	13.23	13.16	13.30	49		
	2	13.58	13.51	13.65	36		
	3	13.95	13.88	14.02	33		
	4	14.34	14.26	14.40	42		
	5	14.50	14.42	14.56	47	41	
COLUMN 2	1	13.75	13.68	13.82	34		
	2	14.41	14.34	14.48	31		
	3	14.86	14.79	14.93	41		
	4	15.49	15.42	15.56	34		
	5	15.59	15.52	15.66	33	34	20.6

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ7

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794707 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.80	6.72	6.86	110		
	2						
	3	7.72	7.64	7.78	110		
	4	7.94	7.85	7.99	77		
	5					98	
Aroclor-1248 COLUMN 2	1	7.54	7.46	7.60	50		
	2	8.50	8.42	8.56	110		
	3	8.85	8.77	8.91	100		
	4	9.52	9.44	9.58	180		
	5	10.22	10.14	10.28	130	120	22.4
Aroclor-1254 COLUMN 1	1	10.75	10.67	10.81	250		
	2	11.19	11.11	11.25	180		
	3	11.31	11.23	11.37	160		
	4	11.42	11.34	11.48	330		
	5	12.09	12.01	12.15	130	210	
Aroclor-1254 COLUMN 2	1	11.70	11.62	11.76	280		
	2	11.95	11.88	12.02	230		
	3	12.20	12.13	12.27	280		
	4						
	5	12.82	12.75	12.89	110	230	9.5
Aroclor-1260 COLUMN 1	1	13.24	13.16	13.30	53		
	2	13.58	13.51	13.65	42		
	3	13.95	13.88	14.02	34		
	4	14.34	14.26	14.40	41		
	5	14.50	14.42	14.56	45	43	
Aroclor-1260 COLUMN 2	1	13.76	13.68	13.82	38		
	2	14.42	14.34	14.48	29		
	3	14.87	14.79	14.93	50		
	4	15.49	15.42	15.56	36		
	5	15.59	15.52	15.66	31	37	16.2

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ8

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794708 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1254 COLUMN 1	1	10.75	10.67	10.81	110		
	2	11.19	11.11	11.25	90		
	3	11.32	11.23	11.37	76		
	4	11.42	11.34	11.48	150		
	5	12.09	12.01	12.15	55	97	
COLUMN 2	1	11.70	11.62	11.76	180		
	2	11.96	11.88	12.02	210		
	3	12.21	12.13	12.27	240		
	4						
	5	12.83	12.75	12.89	51	170	75.3
_____ 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 three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR1

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794709 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.80	6.72	6.86	1100		
	2	7.18	7.09	7.23	1700		
	3	7.72	7.64	7.78	1600		
	4	7.95	7.85	7.99	3200		
	5					1900	
COLUMN 2	1	7.54	7.46	7.60	1000		
	2	8.51	8.42	8.56	1600		
	3	8.86	8.77	8.91	700		
	4						
	5					1100	72.7
Aroclor-1254 COLUMN 1	1	10.75	10.67	10.81	4800		
	2	11.19	11.11	11.25	4000		
	3	11.31	11.23	11.37	3900		
	4	11.42	11.34	11.48	7300		
	5	12.09	12.01	12.15	1800	4300	
COLUMN 2	1	11.70	11.62	11.76	4900		
	2	11.95	11.88	12.02	5400		
	3	12.21	12.13	12.27	4100		
	4						
	5	12.82	12.75	12.89	1600	4000	7.5
Aroclor-1260 COLUMN 1	1	13.24	13.16	13.30	510		
	2	13.59	13.51	13.65	480		
	3	13.96	13.88	14.02	430		
	4	14.34	14.26	14.40	490		
	5	14.50	14.42	14.56	400	460	
COLUMN 2	1	13.76	13.68	13.82	390		
	2	14.42	14.34	14.48	390		
	3	14.87	14.79	14.93	400		
	4	15.49	15.42	15.56	390		
	5	15.60	15.52	15.66	370	390	17.9

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR2

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794710 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.80	6.72	6.86	1200		
	2	7.18	7.09	7.23	1800		
	3	7.72	7.64	7.78	1700		
	4	7.95	7.85	7.99	3500		
	5					2000	
COLUMN 2	1	7.54	7.46	7.60	1000		
	2	8.50	8.42	8.56	1700		
	3	8.85	8.77	8.91	730		
	4						
	5					1100	81.8
Aroclor-1254 COLUMN 1	1	10.75	10.67	10.81	5000		
	2	11.19	11.11	11.25	4200		
	3	11.31	11.23	11.37	4100		
	4	11.42	11.34	11.48	7700		
	5	12.09	12.01	12.15	1800	4600	
COLUMN 2	1	11.70	11.62	11.76	5200		
	2	11.95	11.88	12.02	5700		
	3	12.21	12.13	12.27	4300		
	4						
	5	12.82	12.75	12.89	1700	4200	9.5
Aroclor-1260 COLUMN 1	1	13.24	13.16	13.30	520		
	2	13.59	13.51	13.65	440		
	3	13.96	13.88	14.02	440		
	4	14.34	14.26	14.40	550		
	5	14.50	14.42	14.56	430	480	
COLUMN 2	1	13.76	13.68	13.82	400		
	2	14.42	14.34	14.48	410		
	3	14.87	14.79	14.93	410		
	4	15.49	15.42	15.56	410		
	5	15.60	15.52	15.66	390	400	20.0

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR3

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794711 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	29000		
	2	7.16	7.09	7.23	38000		
	3	7.71	7.64	7.78	30000		
	4	7.93	7.85	7.99	26000		
	5	9.02	8.96	9.10	42000	33000	
COLUMN 2	1	7.52	7.46	7.60	30000		
	2	8.49	8.42	8.56	30000		
	3	8.84	8.77	8.91	12000		
	4	9.51	9.44	9.58	45000		
	5	10.20	10.14	10.28	45000	32000	3.1
Aroclor-1254 COLUMN 1	1	10.74	10.67	10.81	19000		
	2	11.17	11.11	11.25	17000		
	3	11.30	11.23	11.37	14000		
	4	11.41	11.34	11.48	27000		
	5	12.07	12.01	12.15	11000	18000	
COLUMN 2	1	11.68	11.62	11.76	18000		
	2	11.93	11.88	12.02	18000		
	3	12.19	12.13	12.27	15000		
	4	12.43	12.37	12.51	29000		
	5	12.81	12.75	12.89	9500	18000	0.0
Aroclor-1260 COLUMN 1	1	13.22	13.16	13.30	2500		
	2	13.57	13.51	13.65	2000		
	3	13.94	13.88	14.02	1900		
	4	14.32	14.26	14.40	2500		
	5	14.49	14.42	14.56	2100	2200	
COLUMN 2	1	13.75	13.68	13.82	1800		
	2	14.41	14.34	14.48	1700		
	3	14.86	14.79	14.93	1900		
	4	15.48	15.42	15.56	2000		
	5	15.58	15.52	15.66	1800	1800	22.2

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR4

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794712 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.80	6.72	6.86	34000		
	2	7.18	7.09	7.23	44000		
	3	7.72	7.64	7.78	36000		
	4	7.94	7.85	7.99	31000		
	5	9.04	8.96	9.10	50000	39000	
COLUMN 2	1	7.55	7.46	7.60	35000		
	2	8.51	8.42	8.56	36000		
	3	8.86	8.77	8.91	14000		
	4	9.53	9.44	9.58	54000		
	5	10.23	10.14	10.28	53000	38000	2.6
Aroclor-1254 COLUMN 1	1	10.75	10.67	10.81	22000		
	2	11.19	11.11	11.25	20000		
	3	11.31	11.23	11.37	16000		
	4	11.42	11.34	11.48	31000		
	5	12.09	12.01	12.15	13000	20000	
COLUMN 2	1	11.71	11.62	11.76	20000		
	2	11.96	11.88	12.02	21000		
	3	12.22	12.13	12.27	18000		
	4	12.45	12.37	12.51	36000		
	5	12.83	12.75	12.89	11000	21000	5.0
Aroclor-1260 COLUMN 1	1	13.24	13.16	13.30	3000		
	2	13.59	13.51	13.65	2400		
	3	13.96	13.88	14.02	2300		
	4	14.34	14.26	14.40	2700		
	5	14.50	14.42	14.56	2500	2600	
COLUMN 2	1	13.77	13.68	13.82	2100		
	2	14.43	14.34	14.48	2000		
	3	14.88	14.79	14.93	2400		
	4	15.50	15.42	15.56	2400		
	5	15.61	15.52	15.66	2300	2200	18.2

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR5

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794713 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
	1	6.80	6.72	6.86	34		
Aroclor-1248	2	7.18	7.09	7.23	39		
	3	7.72	7.64	7.78	44		
COLUMN 1	4	7.94	7.85	7.99	35		
	5	9.04	8.96	9.10	57	42	
	1	7.55	7.46	7.60	22		
	2	8.51	8.42	8.56	42		
	3	8.86	8.77	8.91	32		
COLUMN 2	4	9.53	9.44	9.58	34		
	5	10.22	10.14	10.28	30	32	31.3
	1	10.75	10.67	10.81	40		
Aroclor-1254	2	11.19	11.11	11.25	38		
	3	11.32	11.23	11.37	31		
COLUMN 1	4	11.42	11.34	11.48	53		
	5	12.08	12.01	12.15	28	38	
	1	11.70	11.62	11.76	37		
	2	11.95	11.88	12.02	39		
	3	12.21	12.13	12.27	38		
COLUMN 2	4						
	5	12.82	12.75	12.89	21	34	11.8
	1	13.24	13.16	13.30	14		
Aroclor-1260	2	13.59	13.51	13.65	13		
	3	13.96	13.88	14.02	11		
COLUMN 1	4	14.34	14.26	14.40	13		
	5	14.50	14.42	14.56	17	14	
	1	13.76	13.68	13.82	9.9		
	2	14.43	14.34	14.48	8.1		
	3	14.87	14.79	14.93	17		
COLUMN 2	4	15.50	15.42	15.56	9.4		
	5	15.60	15.52	15.66	9.9	11	27.3

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR6

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794714 Date(s) Analyzed: 05/18/2009 05/18/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	34000		
	2	7.16	7.09	7.23	43000		
	3	7.71	7.64	7.78	43000		
	4	7.92	7.85	7.99	27000		
	5	9.03	8.96	9.10	45000	38000	
COLUMN 2	1	7.53	7.46	7.60	39000		
	2	8.49	8.42	8.56	47000		
	3	8.84	8.77	8.91	27000		
	4	9.51	9.44	9.58	39000		
	5	10.20	10.14	10.28	39000	38000	0.0
Aroclor-1254 COLUMN 1	1	10.74	10.67	10.81	17000		
	2	11.18	11.11	11.25	17000		
	3	11.30	11.23	11.37	15000		
	4	11.41	11.34	11.48	28000		
	5	12.08	12.01	12.15	12000	18000	
COLUMN 2	1	11.68	11.62	11.76	18000		
	2	11.94	11.88	12.02	17000		
	3	12.19	12.13	12.27	17000		
	4						
	5	12.81	12.75	12.89	9900	16000	12.5
Aroclor-1260 COLUMN 1	1	13.23	13.16	13.30	1600		
	2	13.57	13.51	13.65	1300		
	3	13.95	13.88	14.02	1200		
	4	14.33	14.26	14.40	1500		
	5	14.49	14.42	14.56	1200	1400	
COLUMN 2	1	13.75	13.68	13.82	1100		
	2	14.41	14.34	14.48	1100		
	3	14.86	14.79	14.93	1100		
	4	15.48	15.42	15.56	1200		
	5	15.58	15.52	15.66	1000	1100	27.3

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR7

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794715 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
	1	6.79	6.72	6.86	41		
Aroclor-1248	2	7.16	7.09	7.23	45		
	3	7.71	7.64	7.78	40		
COLUMN 1	4	7.92	7.85	7.99	35		
	5					40	
	1	7.53	7.46	7.60	24		
	2	8.49	8.42	8.56	37		
	3	8.84	8.77	8.91	40		
COLUMN 2	4	9.51	9.44	9.58	35		
	5	10.20	10.14	10.28	25	32	25.0
	1	10.73	10.67	10.81	51		
Aroclor-1254	2	11.17	11.11	11.25	48		
	3	11.30	11.23	11.37	35		
COLUMN 1	4	11.40	11.34	11.48	77		
	5	12.07	12.01	12.15	31	49	
	1	11.68	11.62	11.76	63		
	2	11.93	11.88	12.02	100		
	3	12.19	12.13	12.27	100		
COLUMN 2	4						
	5	12.80	12.75	12.89	25	73	49.0
	1	13.22	13.16	13.30	34		
Aroclor-1260	2	13.57	13.51	13.65	29		
	3	13.94	13.88	14.02	29		
COLUMN 1	4	14.32	14.26	14.40	34		
	5	14.49	14.42	14.56	36	32	
	1	13.74	13.68	13.82	27		
	2	14.40	14.34	14.48	24		
	3	14.85	14.79	14.93	42		
COLUMN 2	4	15.48	15.42	15.56	41		
	5	15.58	15.52	15.66	33	33	3.1

At least three peaks for each column are required for identification of multicomponent analytes.

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR8

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794716 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	80		
	2	7.17	7.09	7.23	87		
	3	7.71	7.64	7.78	73		
	4	7.93	7.85	7.99	69		
	5					78	
COLUMN 2	1	7.53	7.46	7.60	47		
	2	8.50	8.42	8.56	86		
	3	8.85	8.77	8.91	150		
	4	9.52	9.44	9.58	30		
	5	10.19	10.14	10.28	41	72	8.3
Aroclor-1254 COLUMN 1	1	10.74	10.67	10.81	54		
	2	11.18	11.11	11.25	62		
	3	11.31	11.23	11.37	52		
	4	11.42	11.34	11.48	80		
	5	12.08	12.01	12.15	50	60	
COLUMN 2	1	11.69	11.62	11.76	110		
	2	11.95	11.88	12.02	310		
	3	12.20	12.13	12.27	300		
	4						
	5	12.81	12.75	12.89	40	190	216.7
Aroclor-1260 COLUMN 1	1	13.23	13.16	13.30	140		
	2	13.58	13.51	13.65	130		
	3	13.95	13.88	14.02	130		
	4	14.33	14.26	14.40	140		
	5	14.49	14.42	14.56	140	140	
COLUMN 2	1	13.75	13.68	13.82	120		
	2	14.41	14.34	14.48	130		
	3	14.86	14.79	14.93	120		
	4	15.49	15.42	15.56	100		
	5	15.59	15.52	15.66	98	110	27.3

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QR9

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794717 Date(s) Analyzed: 05/18/2009 05/18/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	9300		
	2	7.17	7.09	7.23	16000		
	3	7.71	7.64	7.78	11000		
	4	7.94	7.85	7.99	23000		
	5					15000	
COLUMN 2	1	7.53	7.46	7.60	9700		
	2	8.49	8.42	8.56	12000		
	3	8.84	8.77	8.91	6900		
	4						
	5					9500	57.9
Aroclor-1254 COLUMN 1	1	10.74	10.67	10.81	31000		
	2	11.18	11.11	11.25	29000		
	3	11.30	11.23	11.37	29000		
	4	11.41	11.34	11.48	51000		
	5	12.08	12.01	12.15	15000	31000	
COLUMN 2	1	11.69	11.62	11.76	32000		
	2	11.94	11.88	12.02	31000		
	3	12.20	12.13	12.27	29000		
	4						
	5	12.81	12.75	12.89	13000	26000	19.2
Aroclor-1260 COLUMN 1	1	13.23	13.16	13.30	2400		
	2	13.58	13.51	13.65	2000		
	3	13.95	13.88	14.02	2000		
	4	14.33	14.26	14.40	2300		
	5	14.50	14.42	14.56	1800	2100	
COLUMN 2	1	13.75	13.68	13.82	1700		
	2	14.41	14.34	14.48	1700		
	3	14.86	14.79	14.93	1700		
	4	15.48	15.42	15.56	1700		
	5	15.59	15.52	15.66	1700	1700	23.5

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QS1

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794719 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	140		
	2	7.17	7.09	7.23	200		
	3	7.72	7.64	7.78	170		
	4	7.94	7.85	7.99	210		
	5	9.03	8.96	9.10	310	210	
COLUMN 2	1	7.53	7.46	7.60	130		
	2	8.50	8.42	8.56	160		
	3	8.85	8.77	8.91	100		
	4	9.52	9.44	9.58	330		
	5	10.21	10.14	10.28	300	200	5.0
Aroclor-1254 COLUMN 1	1	10.74	10.67	10.81	260		
	2	11.18	11.11	11.25	260		
	3	11.31	11.23	11.37	210		
	4	11.41	11.34	11.48	390		
	5	12.08	12.01	12.15	110	250	
COLUMN 2	1	11.69	11.62	11.76	250		
	2	11.94	11.88	12.02	250		
	3	12.20	12.13	12.27	220		
	4	12.44	12.37	12.51	370		
	5	12.81	12.75	12.89	98	240	4.2
Aroclor-1260 COLUMN 1	1	13.23	13.16	13.30	40		
	2	13.58	13.51	13.65	34		
	3	13.95	13.88	14.02	30		
	4	14.33	14.26	14.40	34		
	5	14.50	14.42	14.56	32	34	
COLUMN 2	1	13.75	13.68	13.82	26		
	2	14.41	14.34	14.48	26		
	3	14.86	14.79	14.93	29		
	4	15.49	15.42	15.56	27		
	5	15.59	15.52	15.66	22	26	30.8

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QS2

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794720 Date(s) Analyzed: 05/18/2009 05/18/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
	1	6.80	6.72	6.86	220000		
Aroclor-1248	2	7.18	7.09	7.23	260000		
	3	7.72	7.64	7.78	250000		
COLUMN 1	4	7.93	7.85	7.99	230000		
	5	9.04	8.96	9.10	230000	240000	
	1	7.53	7.46	7.60	230000		
	2	8.50	8.42	8.56	260000		
	3	8.85	8.77	8.91	250000		
COLUMN 2	4	9.52	9.44	9.58	200000		
	5	10.21	10.14	10.28	190000	230000	4.3
	1	10.75	10.67	10.81	90000		
Aroclor-1254	2	11.19	11.11	11.25	87000		
	3	11.31	11.23	11.37	71000		
COLUMN 1	4	11.42	11.34	11.48	140000		
	5	12.09	12.01	12.15	61000	90000	
	1	11.69	11.62	11.76	84000		
	2	11.95	11.88	12.02	76000		
	3	12.20	12.13	12.27	75000		
COLUMN 2	4						
	5	12.82	12.75	12.89	48000	71000	26.8
	1	13.24	13.16	13.30	11000		
Aroclor-1260	2	13.59	13.51	13.65	8200		
	3	13.95	13.88	14.02	7200		
COLUMN 1	4	14.34	14.26	14.40	7600		
	5	14.50	14.42	14.56	7500	8200	
	1	13.76	13.68	13.82	6600		
	2	14.42	14.34	14.48	6100		
	3	14.86	14.79	14.93	7400		
COLUMN 2	4	15.49	15.42	15.56	6800		
	5	15.59	15.52	15.66	6100	6600	24.2

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ1MS

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794701MS Date(s) Analyzed: 05/18/2009 05/18/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.81	6.72	6.86	22000		
	2	7.18	7.09	7.23	26000		
	3	7.73	7.64	7.78	25000		
	4	7.94	7.85	7.99	21000		
	5	9.05	8.96	9.10	24000	24000	
COLUMN 2	1	7.54	7.46	7.60	22000		
	2	8.51	8.42	8.56	26000		
	3	8.86	8.77	8.91	22000		
	4	9.53	9.44	9.58	18000		
	5	10.23	10.14	10.28	18000	21000	14.3
Aroclor-1254 COLUMN 1	1	10.77	10.67	10.81	10000		
	2	11.21	11.11	11.25	10000		
	3	11.33	11.23	11.37	8800		
	4	11.44	11.34	11.48	17000		
	5	12.11	12.01	12.15	6700	11000	
COLUMN 2	1	11.71	11.62	11.76	12000		
	2	11.96	11.88	12.02	15000		
	3	12.22	12.13	12.27	16000		
	4						
	5	12.83	12.75	12.89	5600	12000	9.1
Aroclor-1260 COLUMN 1	1						
	2	13.61	13.51	13.65	1700		
	3	13.98	13.88	14.02	1500		
	4	14.36	14.26	14.40	1600		
	5	14.52	14.42	14.56	1800	1700	
COLUMN 2	1	13.77	13.68	13.82	1300		
	2	14.43	14.34	14.48	1300		
	3	14.88	14.79	14.93	1600		
	4	15.50	15.42	15.56	1400		
	5	15.61	15.52	15.66	1100	1400	21.4

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1

SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
E2QQ1MSD

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: 794701MD Date(s) Analyzed: 05/18/2009 05/18/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1248 COLUMN 1	1	6.79	6.72	6.86	28000		
	2	7.16	7.09	7.23	34000		
	3	7.71	7.64	7.78	34000		
	4	7.93	7.85	7.99	26000		
	5	9.03	8.96	9.10	32000	31000	
COLUMN 2	1	7.54	7.46	7.60	29000		
	2	8.50	8.42	8.56	35000		
	3	8.85	8.77	8.91	24000		
	4	9.53	9.44	9.58	26000		
	5	10.22	10.14	10.28	26000	28000	10.7
Aroclor-1254 COLUMN 1	1	10.75	10.67	10.81	14000		
	2	11.19	11.11	11.25	14000		
	3	11.32	11.23	11.37	12000		
	4	11.42	11.34	11.48	24000		
	5	12.09	12.01	12.15	9500	15000	
COLUMN 2	1	11.71	11.62	11.76	15000		
	2	11.95	11.88	12.02	15000		
	3	12.21	12.13	12.27	15000		
	4						
	5	12.83	12.75	12.89	8000	13000	15.4
Aroclor-1260 COLUMN 1	1						
	2	13.59	13.51	13.65	2100		
	3	13.96	13.88	14.02	1900		
	4	14.34	14.26	14.40	2100		
	5	14.50	14.42	14.56	2200	2100	
COLUMN 2	1	13.77	13.68	13.82	1600		
	2	14.43	14.34	14.48	1700		
	3	14.87	14.79	14.93	1900		
	4	15.49	15.42	15.56	1700		
	5	15.60	15.52	15.66	1400	1700	23.5

At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.
ALCSQ3

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Lab Sample ID: ALCSQ3 Date(s) Analyzed: 05/16/2009 05/16/2009

Instrument ID (1): 5253_1.i Instrument ID (2): 5253_2.i

GC Column (1): RTX-5 ID: 0.25(mm) GC Column (2): RTX-35 ID: 0.25(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016 COLUMN 1	1	6.78	6.72	6.86	45		
	2	7.16	7.10	7.24	44		
	3	7.91	7.85	7.99	43		
	4	8.93	8.87	9.01	44		
	5	9.23	9.17	9.31	42	44	
COLUMN 2	1	6.63	6.56	6.70	43		
	2	7.54	7.46	7.60	42		
	3	8.50	8.43	8.57	39		
	4	8.85	8.78	8.92	39		
	5	9.16	9.08	9.22	40	40	10.0
Aroclor-1260 COLUMN 1	1	13.22	13.16	13.30	39		
	2	13.57	13.51	13.65	38		
	3	13.94	13.88	14.02	35		
	4	14.32	14.26	14.40	36		
	5	14.49	14.42	14.56	37	37	
COLUMN 2	1	13.76	13.68	13.82	36		
	2	14.42	14.34	14.48	35		
	3	14.87	14.79	14.93	38		
	4	15.49	15.42	15.56	39		
	5	15.60	15.52	15.66	38	37	0.0
_____ COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

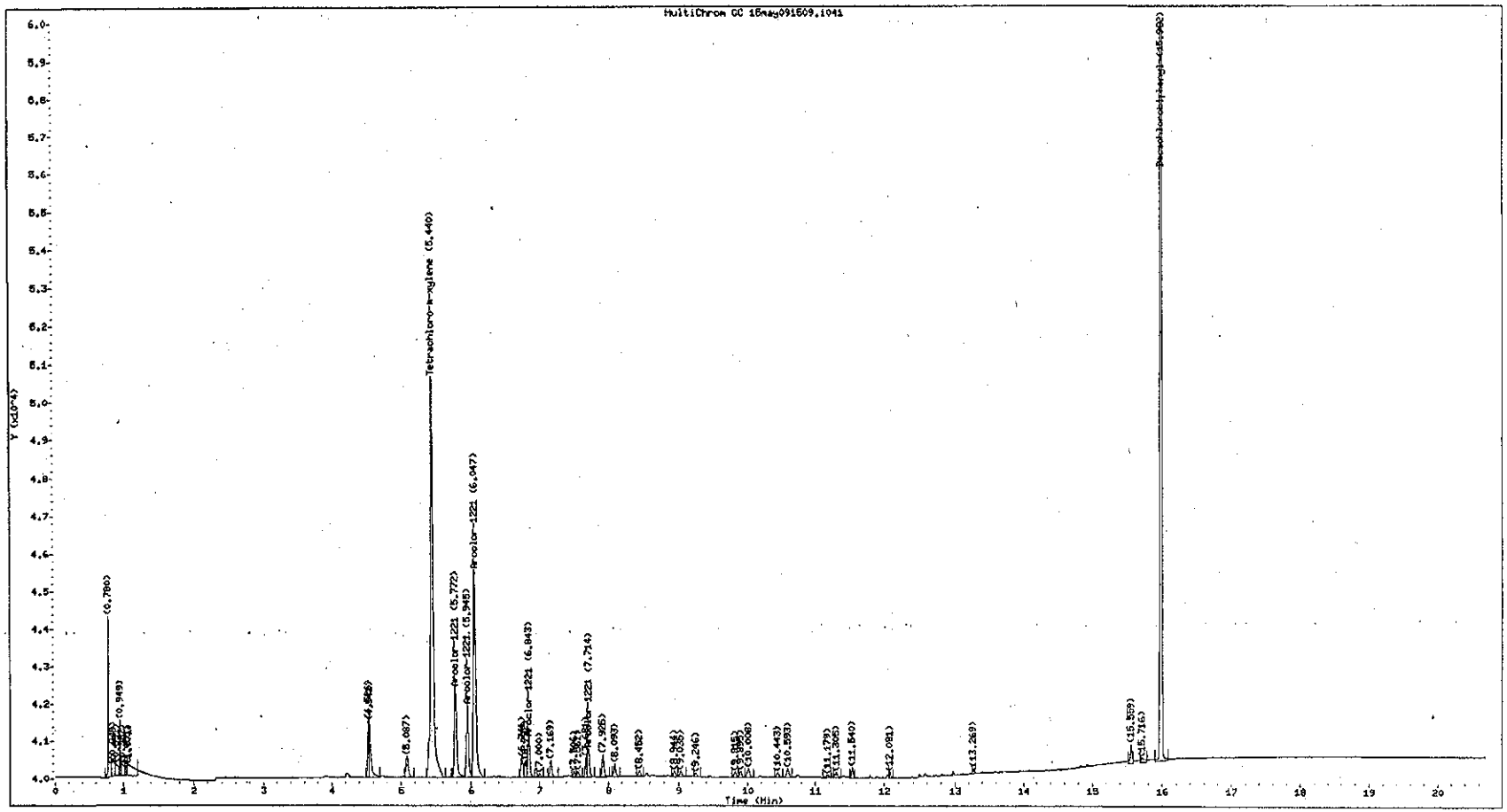
At least three peaks for each column are required for identification of multicomponent analytes.

Page 1 of 1 SOM01.2

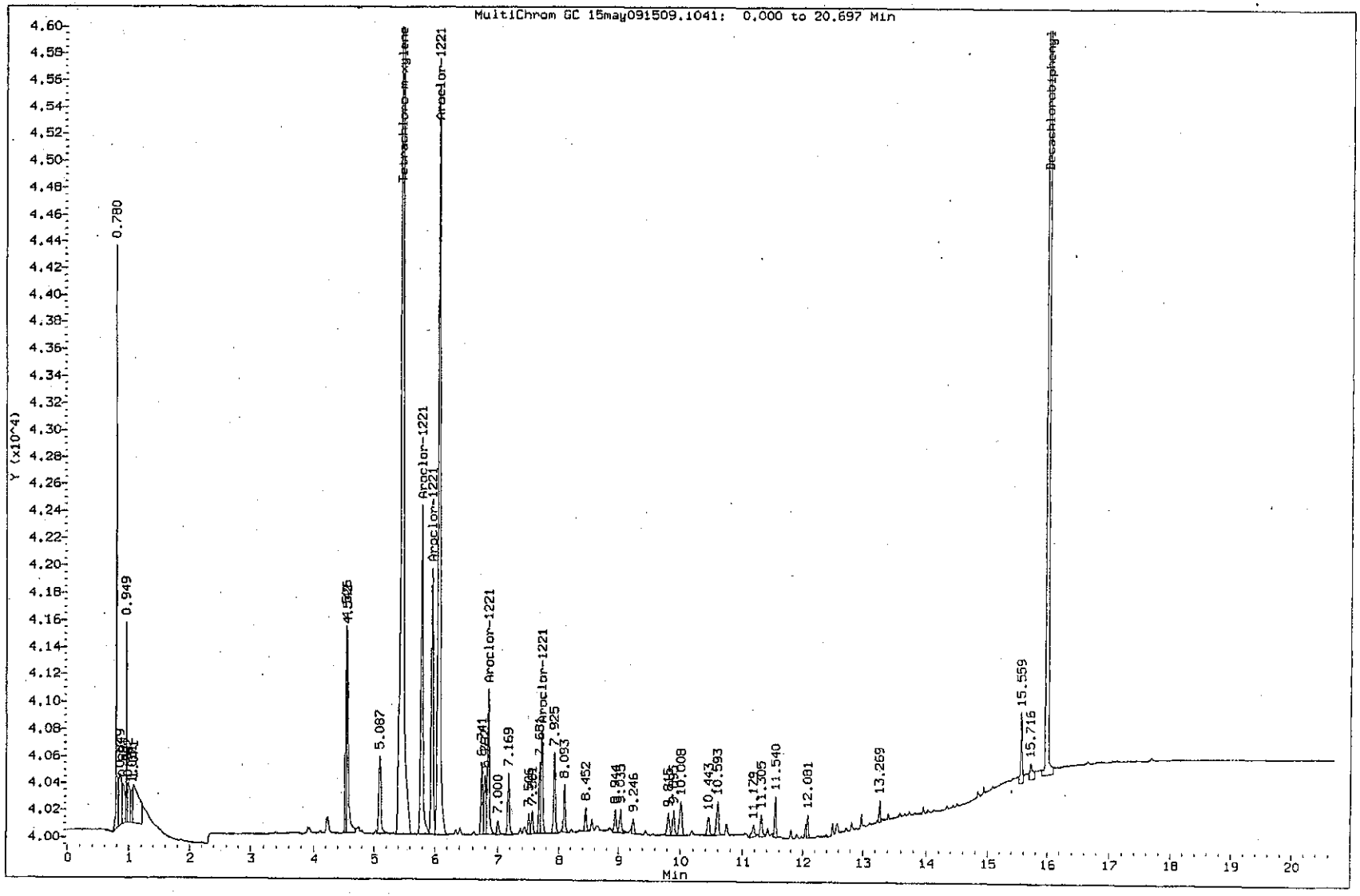
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12213G1	Client Sample ID: AR12213G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 16:24
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1221STD
Data File	: 15may091509-r041.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:32 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r041.d/15may091509.i041
Injection Date: 15-MAY-2009 16:24
Instrument: 5253_1.i
Client Sample ID: AR12213G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12213G1	Client Sample ID: AR12213G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 16:24
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1221STD
Data File	: 15may091509-r041.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:32 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.780			2521	4316			
	2	0.849			1207	379			
	3	0.891			874	296			
	4	0.949			808	1477			
	5	0.982			913	290			
	6	1.051			442	246			
	7	1.071			1999	282			
	8	4.526			1964	1522			
	9	4.542			2892	1483			
	10	5.087			1437	571			
$	11	5.440	5.442	-0.003	28705	10654	0.01990156		Tetrachloro-m-xylene
	12	5.772	5.772	0.000	6004	2412	0.40000000		Aroclor-1221
	13	5.945	5.945	0.000	4270	1953	0.40000000		Aroclor-1221
	14	6.047	6.047	0.000	13764	5523	0.40000000		Aroclor-1221
	15	6.741			1032	525			
	16	6.792			820	438			
	17	6.843	6.843	0.000	2336	1062	0.40000000		Aroclor-1221
	18	7.000			230	101			
	19	7.169			975	454			
	20	7.506			283	148			
	21	7.561			345	163			
	22	7.681			891	524			
	23	7.714	7.714	0.000	1572	761	0.40000000		Aroclor-1221
	24	7.925			1247	595			
	25	8.093			722	349			
	26	8.452			352	174			
	27	8.944			373	161			
	28	9.035			404	166			
	29	9.246			243	107			
	30	9.815			385	153			
	31	9.895			384	176			
	32	10.008			653	242			
	33	10.443			344	133			
	34	10.593			618	244			
	35	11.179			269	84			
	36	11.305			372	155			
	37	11.540			562	294			
	38	12.081			265	168			
	39	13.269			236	157			
	40	15.559			898	516			
	41	15.716			415	114			
$	42	15.982	15.981	0.001	67939	46129	0.03699495		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

TestAmerica Burlington - Target GC Injection Report

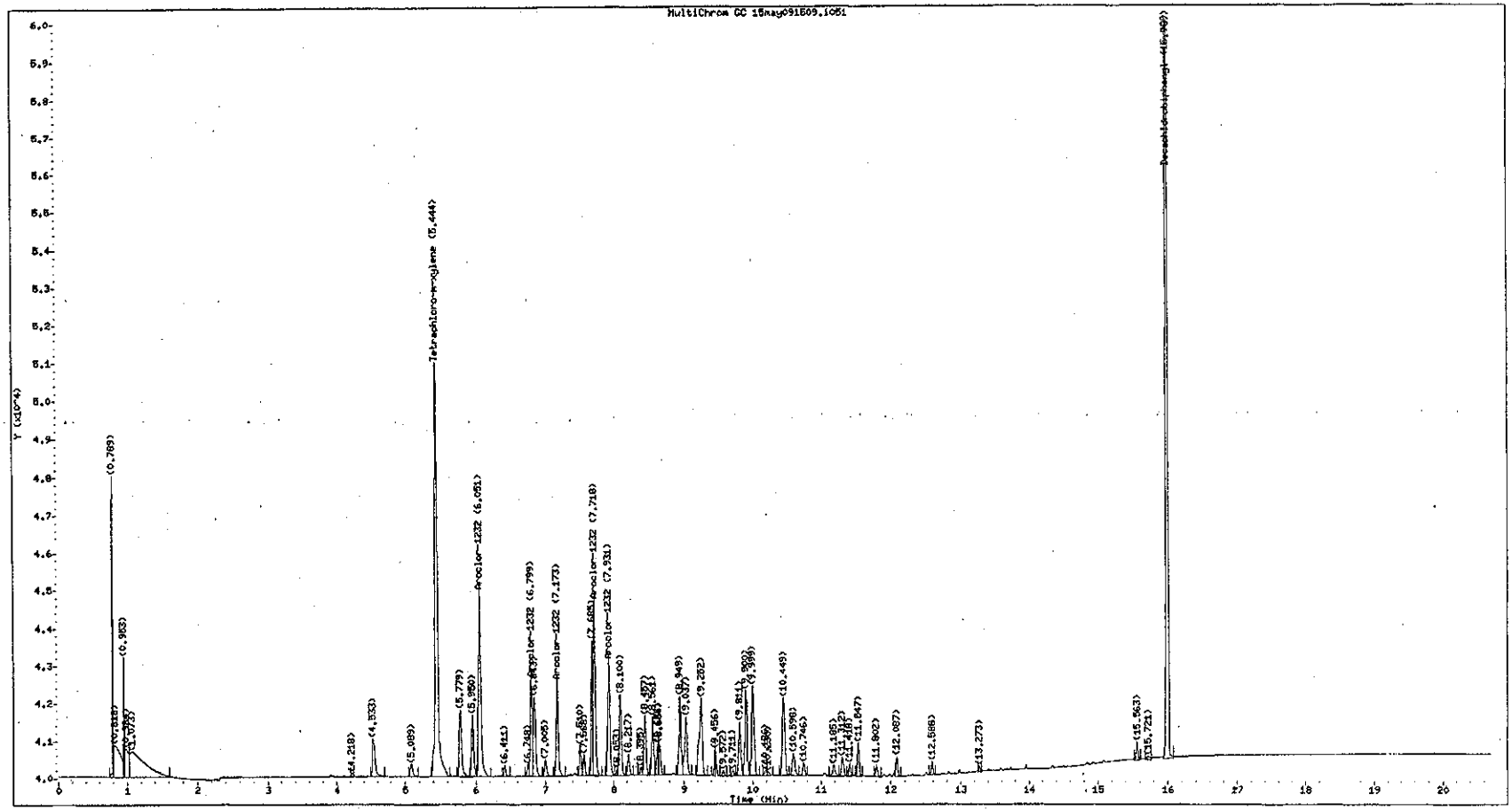
Target Compounds

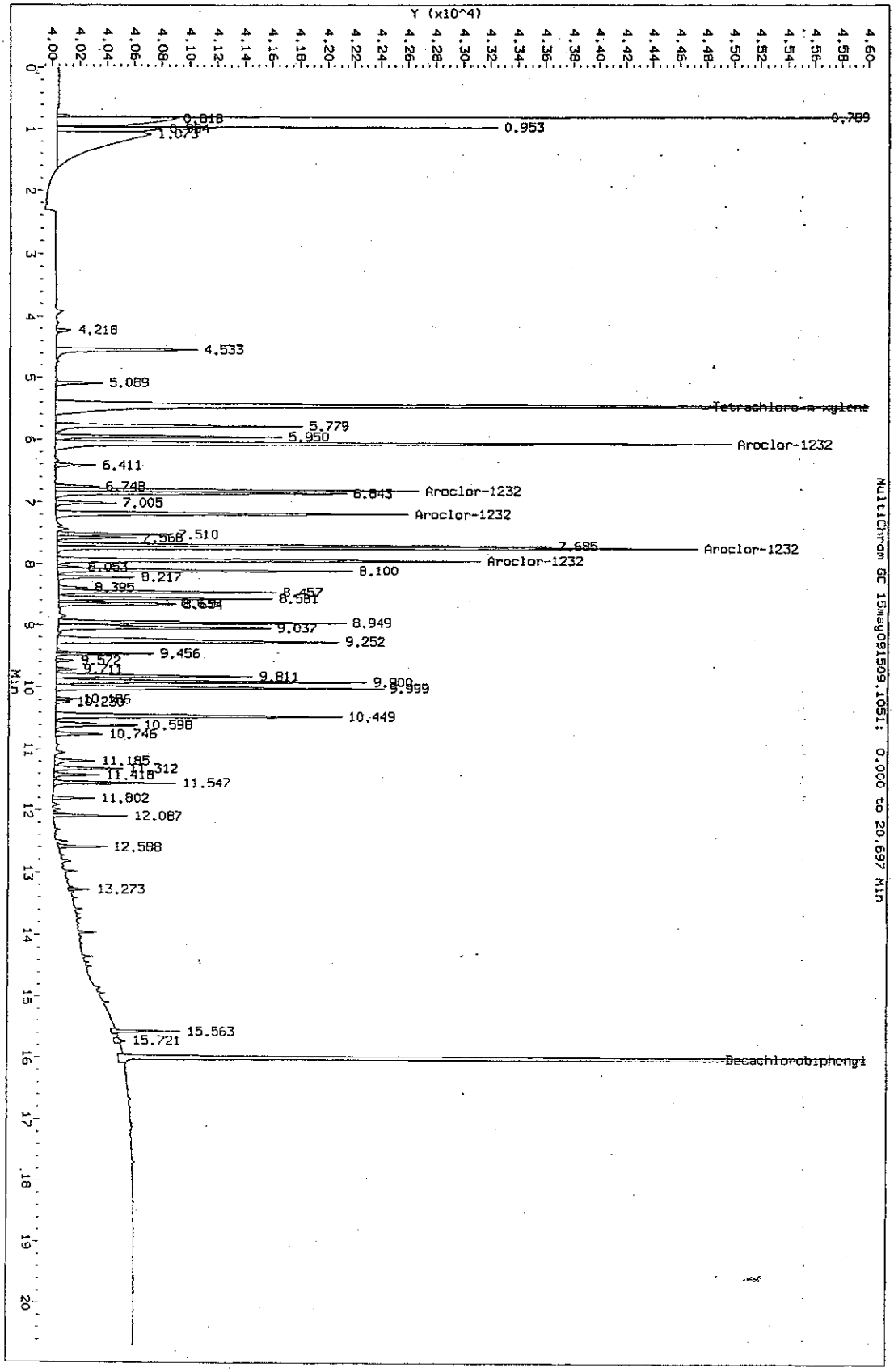
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.440	5.442	0.0200	Tetrachloro-m-xylene
5.772	5.772	0.4000	Aroclor-1221
15.982	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12323G1	Client Sample ID: AR12323G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 16:48
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1232STD
Data File	: 15may091509-r051.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:32 jb		




Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r051.d/15may091509.1051
Injection Date: 15-MAY-2009 16:48
Instrument: 5253_1.i
Client Sample ID: AR123323G1
MultiChrom GC 15may091509.1051: 0.000 to 20.697 Min
Y (x10^4)
Min
0.818
0.789
0.953
1.073
4.218
4.533
5.089
Tetrachloro-m-xylene
5.779
5.950
Aroclor-1232
6.411
6.748
6.843
Aroclor-1232
7.005
Aroclor-1232
7.510
7.685
Aroclor-1232
Aroclor-1232
8.053
8.100
8.217
8.395
8.457
8.581
8.949
9.037
9.252
9.456
9.572
9.711
9.811
9.909
9.999
10.449
10.598
10.746
11.185
11.312
11.418
11.547
11.802
12.087
12.588
13.273
15.563
15.721
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12323G1 Client Sample ID: AR12323G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File. : 15may091509-r051.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:32 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 16:48
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1232STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.789			3262	8034			
	2	0.818			5887	866			
	3	0.953			1623	3208			
	4	0.984			2986	765			
	5	1.073			10637	683			
	6	4.218			217	106			
	7	4.533			2935	1023			
	8	5.089			808	340			
$	9	5.444	5.442	0.002	28074	10980	0.02051052		Tetrachloro-m-xylene
	10	5.779			4325	1792			
	11	5.950			3447	1645			
	12	6.051	6.051	0.000	11859	4952	0.40000000		Aroclor-1232
	13	6.411			571	294			
	14	6.748			578	315			
	15	6.799	6.799	0.000	5284	2647	0.40000000		Aroclor-1232
	16	6.843			4720	2116			
	17	7.005			1015	438			
	18	7.173	7.173	0.000	5812	2572	0.40000000		Aroclor-1232
	19	7.510			1600	830			
	20	7.568			1164	573			
	21	7.685			6509	3602			
	22	7.718	7.718	0.000	9761	4689	0.40000000		Aroclor-1232
	23	7.931	7.931	0.000	6975	3087	0.40000000		Aroclor-1232
	24	8.053			234	173			
	25	8.100			4650	2142			
	26	8.217			1143	556			
	27	8.395			431	210			
	28	8.457			3355	1574			
	29	8.561			3296	1548			
	30	8.636			1353	835			
	31	8.654			1733	850			
	32	8.949			4608	2088			
	33	9.037			4096	1537			
	34	9.252			6440	2045			
	35	9.456			729	707			
	36	9.572			275	134			
	37	9.711			295	149			
	38	9.811			3143	1425			
	39	9.900			5132	2259			
	40	9.999			6081	2378			
	41	10.186			314	147			
	42	10.230			202	98			
	43	10.449			5595	2075			
	44	10.598			1677	594			
	45	10.746			748	338			
	46	11.185			797	296			
	47	11.312			1187	499			
	48	11.418			669	332			
	49	11.547			1738	887			
	50	11.802			541	306			
	51	12.087			929	539			
	52	12.588			601	354			
	53	13.273			253	161			
	54	15.563			836	500			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	15.721			292	88			
$	56	15.989	15.981	0.008	67945	46749	0.03749218		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

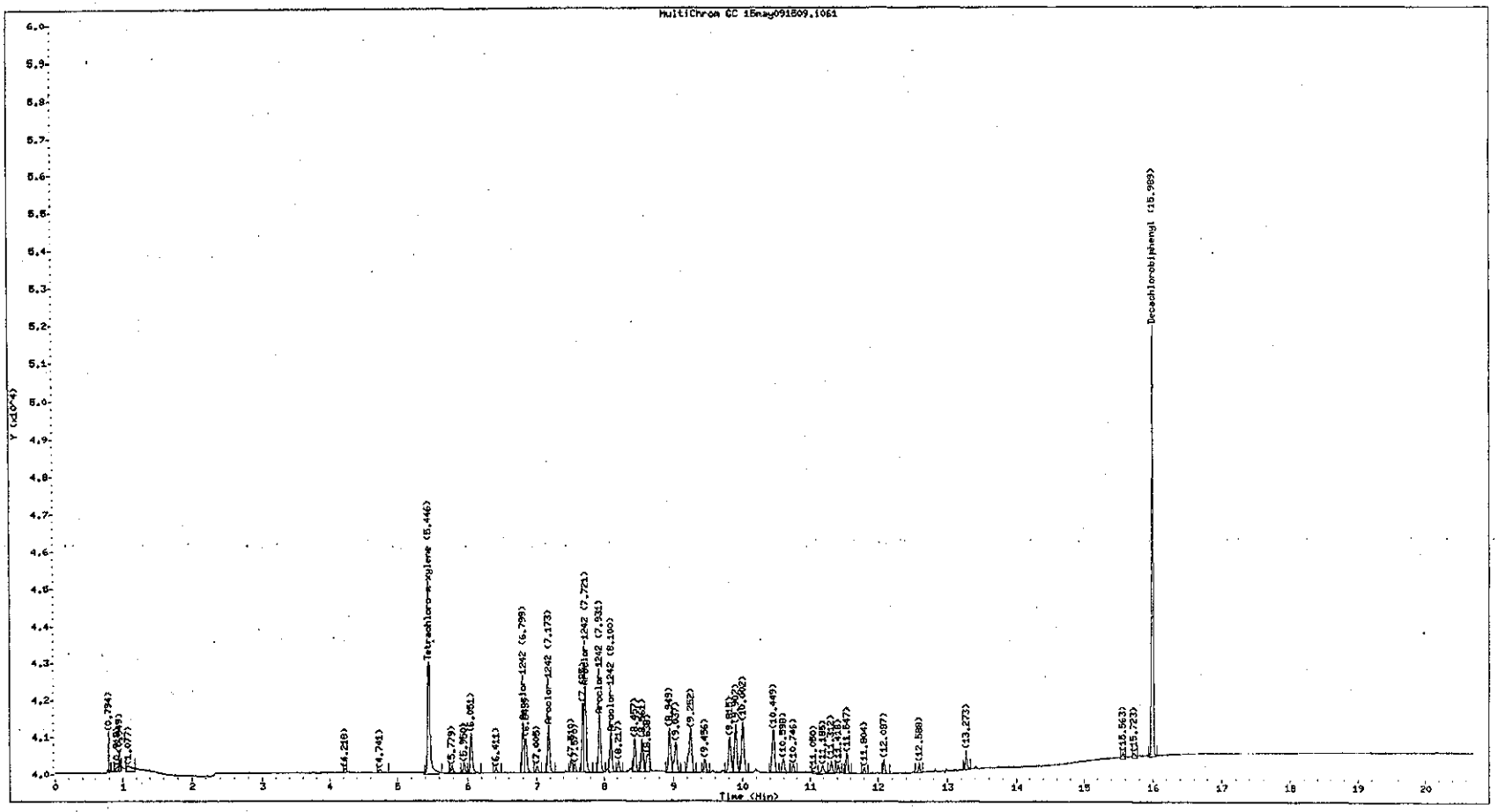
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
6.051	6.051	0.4000	Aroclor-1232
15.989	15.981	0.0400	Decachlorobiphenyl

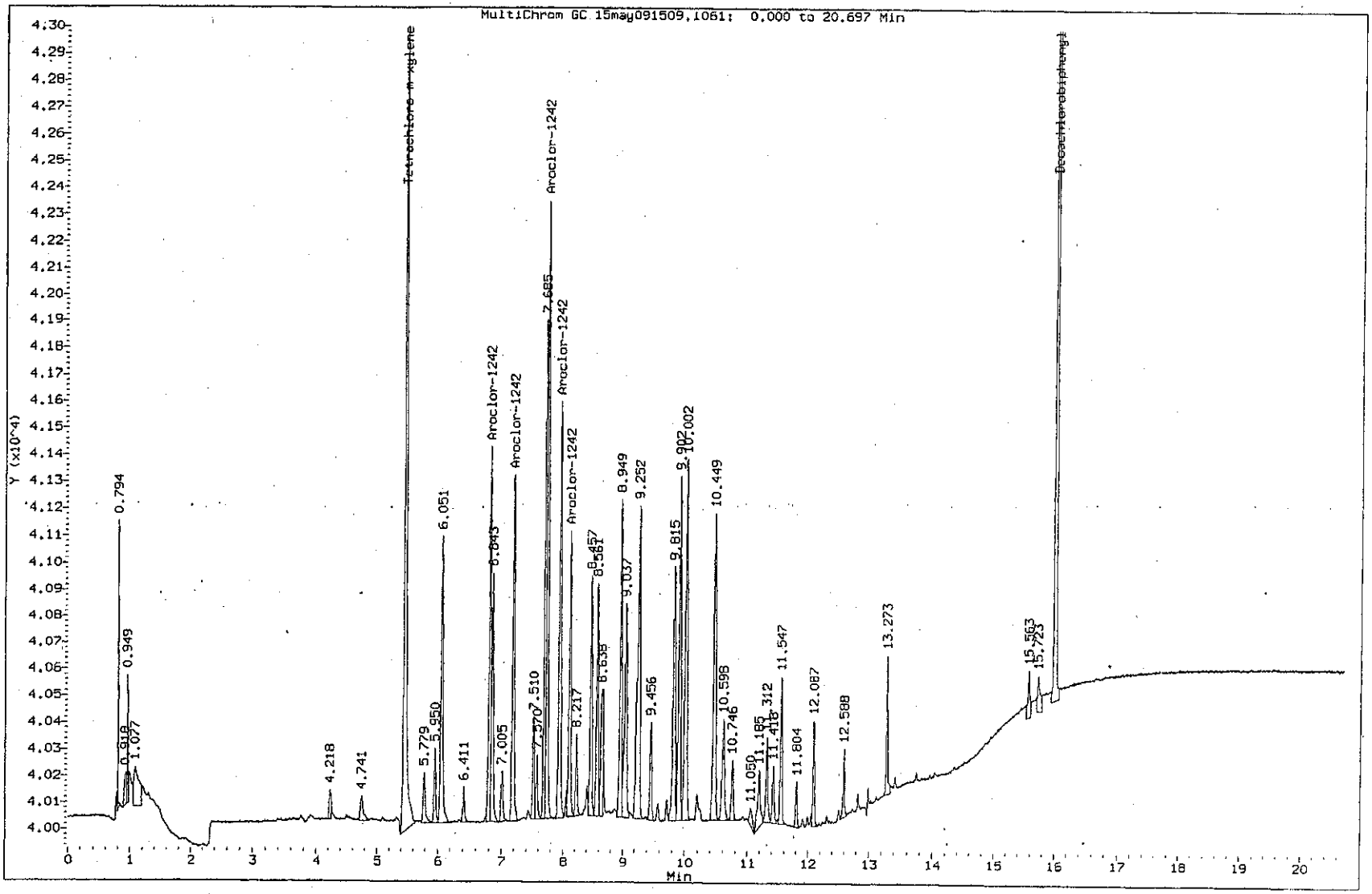
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12421G1	Client Sample ID: AR12421G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 17:12
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r061.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		



Data File: /var/chem/5253_1.i/051509_i/15MAY091509.b/15may091509-r061.d/15may091509.1061
Injection Date: 15-MAY-2009 17:12
Instrument: 5253_1.i
Client Sample ID: AR12421G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12421G1 Client Sample ID: AR12421G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 17:12
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r061.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.794			410	1090			
	2	0.918			285	124			
	3	0.949			366	481			
	4	1.077			864	148			
	5	4.218			225	110			
	6	4.741			315	91			
$	7	5.446	5.442	0.004	7748	3044	0.00568616		Tetrachloro-m-xylene
	8	5.779			478	191			
	9	5.950			561	281			
	10	6.051			2404	1077			
	11	6.411			263	133			
	12	6.799	6.794	0.004	2665	1402	0.11924938		Aroclor-1242
	13	6.843			1985	935			
	14	7.005			430	192			
	15	7.173	7.168	0.005	2858	1297	0.11579582		Aroclor-1242
	16	7.510			713	383			
	17	7.570			474	240			
	18	7.685			3303	1864			
	19	7.721	7.714	0.006	4856	2311	0.10945085		Aroclor-1242
	20	7.931	7.926	0.005	3478	1558	0.11440530		Aroclor-1242
	21	8.100	8.095	0.004	2222	1074	0.11445013		Aroclor-1242
	22	8.217			616	305			
	23	8.457			1931	903			
	24	8.561			1859	876			
	25	8.638			1340	475			
	26	8.949			2634	1190			
	27	9.037			2188	804			
	28	9.252			3594	1171			
	29	9.456			788	366			
	30	9.815			2396	955			
	31	9.902			2891	1285			
	32	10.002			3372	1348			
	33	10.449			3032	1147			
	34	10.598			1039	377			
	35	10.746			483	225			
	36	11.050			209	65			
	37	11.185			703	219			
	38	11.312			771	320			
	39	11.418			449	217			
	40	11.547			1117	550			
	41	11.804			312	173			
	42	12.087			679	395			
	43	12.588			452	255			
	44	13.273			848	521			
	45	15.563			401	178			
	46	15.723			415	134			
$	47	15.989	15.981	0.008	17723	11453	0.00918518	a	Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

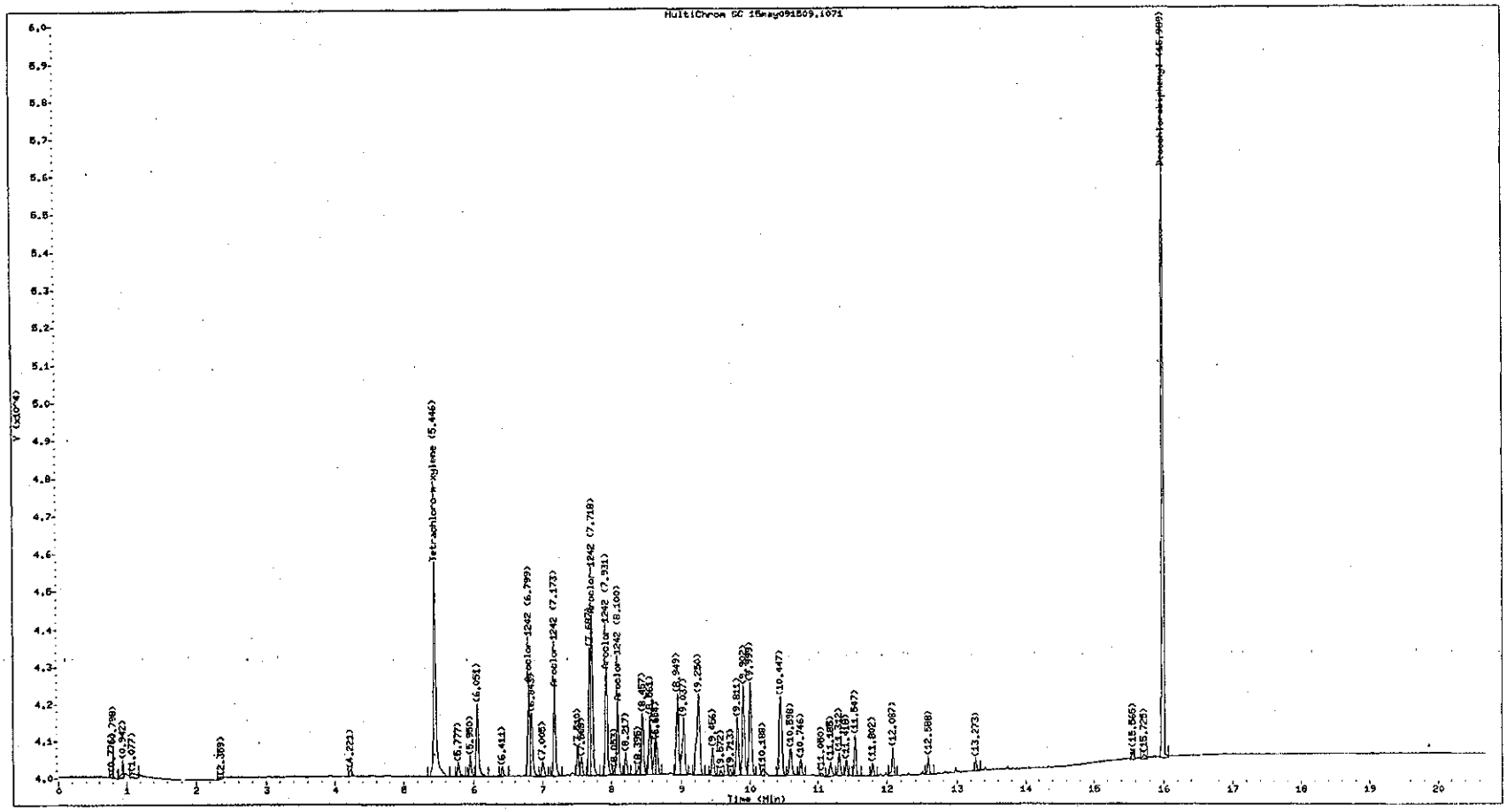
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.446	5.442	0.0050	Tetrachloro-m-xylene
6.799	6.794	0.1000	Aroclor-1242
15.989	15.981	0.0100	Decachlorobiphenyl

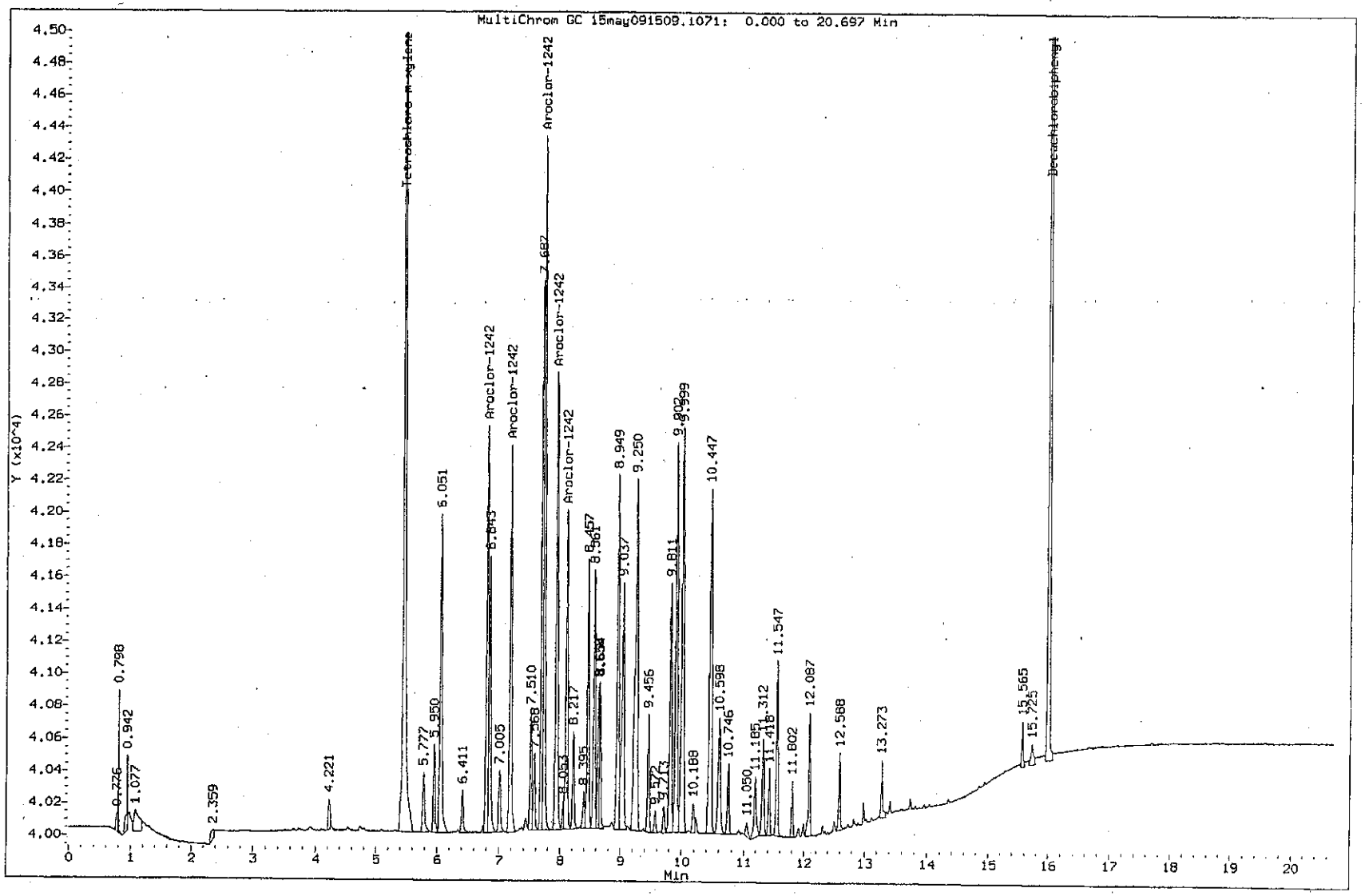
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12422G1	Client Sample ID: AR12422G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 17:36
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r071.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r071.d/15may091509.1071
Injection Date: 15-MAY-2009 17:36
Instrument: 5253_1.i
Client Sample ID: AR12422G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12422G1 Client Sample ID: AR12422G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r071.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:33 jb

Sample Type : CALIB_2
Injection Date : 15-MAY-2009 17:36
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.776			224	114			
	2	0.798			331	882			
	3	0.942			485	465			
	4	1.077			774	130			
	5	2.359			229	55			
	6	4.221			361	187			
$	7	5.446	5.442	0.004	14391	5717	0.01067929		Tetrachloro-m-xylene
	8	5.777			862	369			
	9	5.950			1086	546			
	10	6.051			4480	1967			
	11	6.411			537	264			
	12	6.799	6.794	0.004	4911	2518	0.21417256		Aroclor-1242
	13	6.843			3699	1706			
	14	7.005			871	379			
	15	7.173	7.168	0.005	5342	2396	0.21391425		Aroclor-1242
	16	7.510			1425	735			
	17	7.568			955	474			
	18	7.687			6140	3413			
	19	7.718	7.714	0.004	8952	4305	0.20388832		Aroclor-1242
	20	7.931	7.926	0.005	6464	2830	0.20780937		Aroclor-1242
	21	8.053			260	178			
	22	8.100	8.095	0.004	4242	1973	0.21025149		Aroclor-1242
	23	8.217			1231	598			
	24	8.395			460	227			
	25	8.457			3572	1663			
	26	8.561			3455	1592			
	27	8.638			1543	893			
	28	8.654			1743	902			
	29	8.949			4839	2189			
	30	9.037			4072	1523			
	31	9.250			6741	2173			
	32	9.456			1544	724			
	33	9.572			273	136			
	34	9.713			333	163			
	35	9.811			3492	1538			
	36	9.902			5435	2408			
	37	9.999			6388	2498			
	38	10.188			396	181			
	39	10.447			5727	2127			
	40	10.598			2001	713			
	41	10.746			935	432			
	42	11.050			226	88			
	43	11.185			976	373			
	44	11.312			1379	594			
	45	11.418			784	412			
	46	11.547			2095	1078			
	47	11.802			621	347			
	48	12.087			1425	754			
	49	12.588			820	479			
	50	13.273			611	353			
	51	15.565			446	279			
	52	15.725			368	125			
$	53	15.989	15.981	0.008	35138	23737	0.01903681		Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

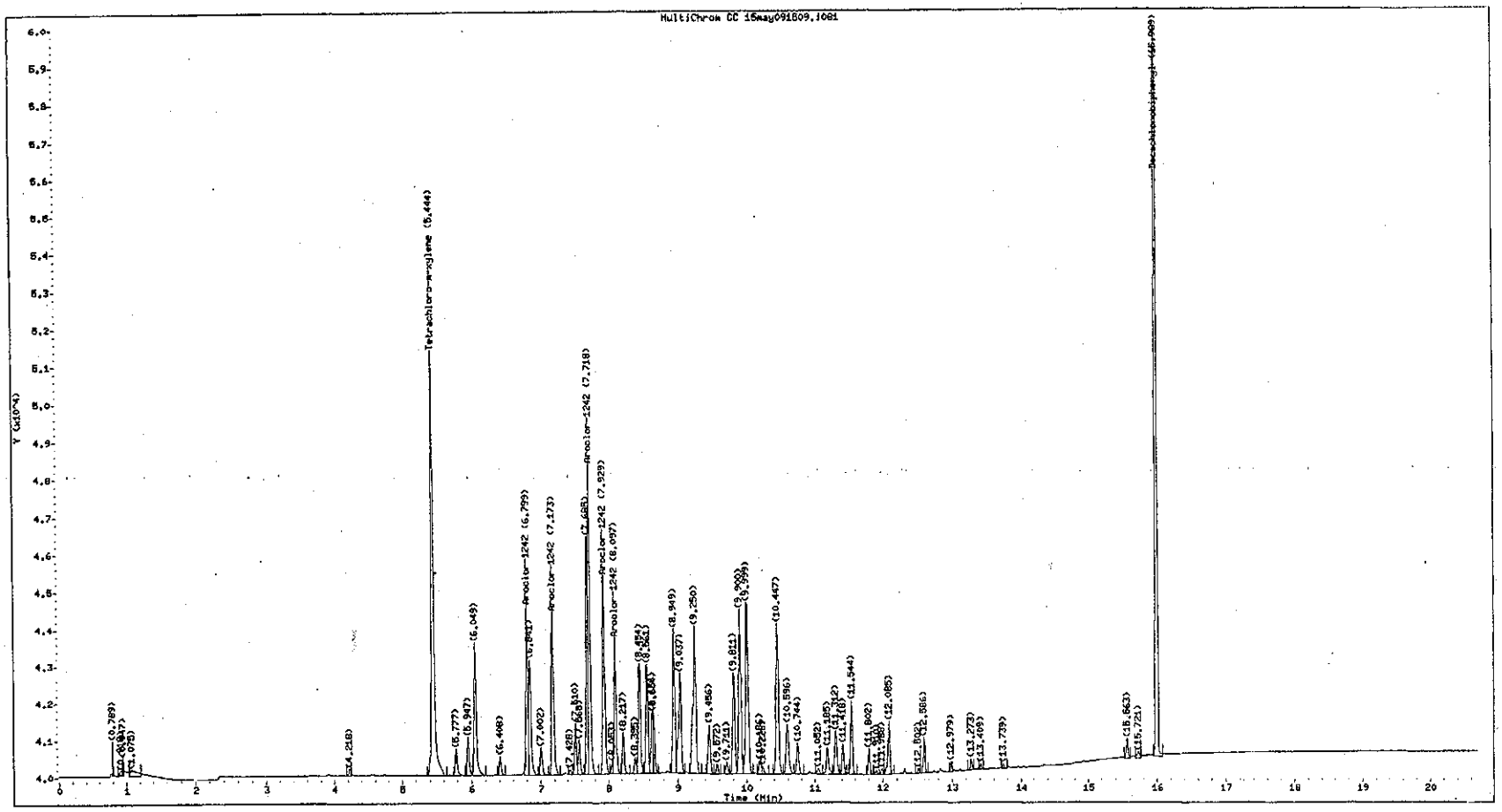
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.446	5.442	0.0100	Tetrachloro-m-xylene
6.799	6.794	0.2000	Aroclor-1242
15.989	15.981	0.0200	Decachlorobiphenyl

Reported: 05/18/2009 11:33 jb 15may091509-r071.d Page 2

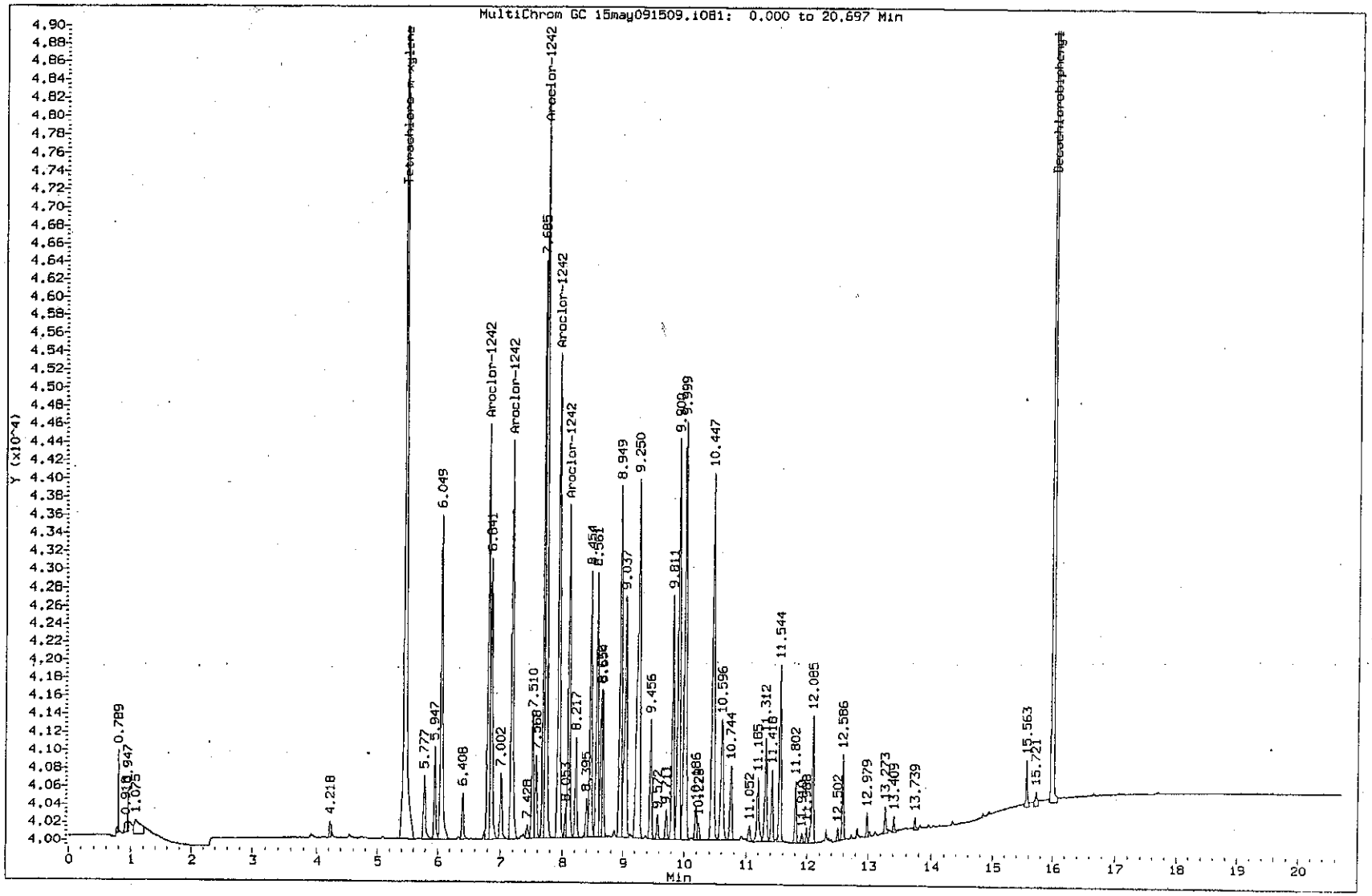
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G1	Client Sample ID: AR12423G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:00
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r081.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r081.d/15may091509.i081
Injection Date: 15-MAY-2009 18:00
Instrument: 5253_1.i
Client Sample ID: AR12423G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G1 Client Sample ID: AR12423G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r081.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:33 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 18:00
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.789			352	926			
	2	0.918			289	118			
	3	0.947			309	470			
	4	1.075			1145	157			
	5	4.218			359	181			
$	6	5.444	5.442	0.002	28069	11366	0.02123157		Tetrachloro-m-xylene
	7	5.777			1714	707			
	8	5.947			2119	1016			
	9	6.049			8274	3588			
	10	6.408			1032	517			
	11	6.799	6.794	0.004	8809	4582	0.38972941		Aroclor-1242
	12	6.841			6952	3109			
	13	7.002			1737	731			
	14	7.173	7.168	0.005	9867	4400	0.39283084		Aroclor-1242
	15	7.428			349	149			
	16	7.510			2756	1375			
	17	7.568			1889	915			
	18	7.685			11067	6377			
	19	7.718	7.714	0.004	17568	8308	0.39347368		Aroclor-1242
	20	7.929	7.926	0.003	12010	5333	0.39160685		Aroclor-1242
	21	8.053			469	330			
	22	8.097	8.095	0.002	7929	3674	0.39151748		Aroclor-1242
	23	8.217			2366	1109			
	24	8.395			878	433			
	25	8.454			6486	2937			
	26	8.561			6255	2918			
	27	8.636			3161	1621			
	28	8.654			2865	1629			
	29	8.949			8499	3880			
	30	9.037			7296	2667			
	31	9.250			12306	3966			
	32	9.456			2914	1314			
	33	9.572			547	271			
	34	9.711			647	319			
	35	9.811			6107	2707			
	36	9.900			9914	4417			
	37	9.999			11834	4608			
	38	10.186			802	373			
	39	10.228			404	202			
	40	10.447			10718	4046			
	41	10.596			3858	1330			
	42	10.744			1848	823			
	43	11.052			409	169			
	44	11.185			1803	712			
	45	11.312			2733	1141			
	46	11.418			1609	794			
	47	11.544			3895	1952			
	48	11.802			1209	686			
	49	11.910			217	110			
	50	11.988			276	171			
	51	12.085			2758	1402			
	52	12.502			223	145			
	53	12.586			1598	937			
	54	12.979			366	263			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	13.273			501	300			
56	13.409			273	174			
57	13.739			228	134			
58	15.563			894	518			
59	15.721			409	156			
$ 60	15.989	15.981	0.008	69857	46787	0.03752266		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

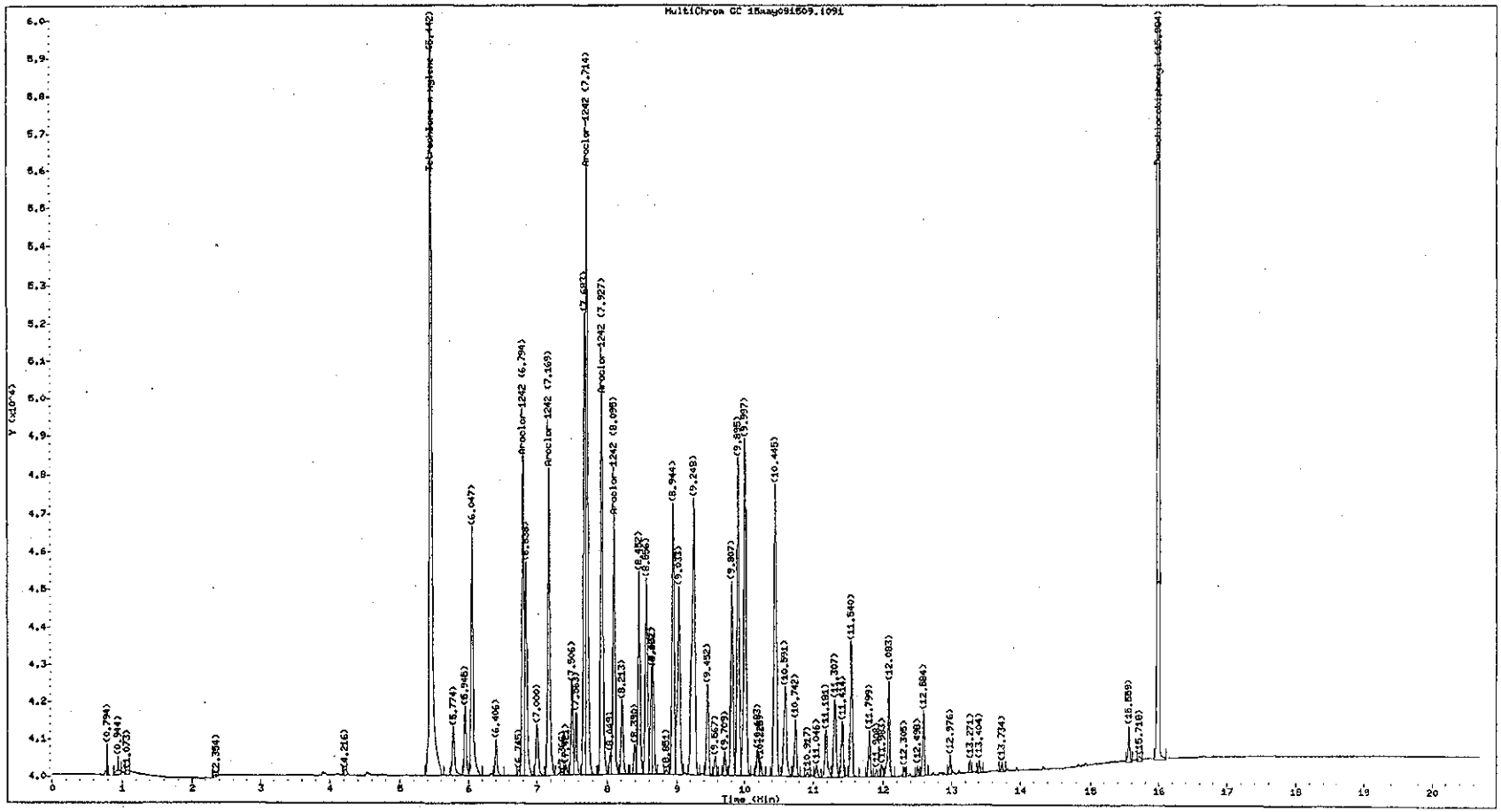
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
6.799	6.794	0.4000	Aroclor-1242
15.989	15.981	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:33 jb 15may091509-r081.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12424G1	Client Sample ID: AR12424G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:23
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r091.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12424G1 Client Sample ID: AR12424G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:23
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r091.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.794			304	847			
	2	0.944			714	493			
	3	1.073			392	121			
	4	2.354			203	49			
	5	4.216			296	149			
$	6	5.442	5.442	-0.001	54130	22495	0.04202042		Tetrachloro-m-xylene
	7	5.774			3242	1302			
	8	5.945			3931	1855			
	9	6.047			15201	6637			
	10	6.406			2037	968			
	11	6.745			268	172			
	12	6.794	6.794	0.000	16250	8465	0.72000425		Aroclor-1242
	13	6.838			12515	5687			
	14	7.000			3268	1361			
	15	7.169	7.168	0.000	18172	8160	0.72852264		Aroclor-1242
	16	7.366			212	95			
	17	7.421			577	282			
	18	7.506			4995	2495			
	19	7.563			3533	1680			
	20	7.683			21486	12223			
	21	7.714	7.714	0.000	32610	16011	0.75829406		Aroclor-1242
	22	7.927	7.926	0.001	22136	10053	0.73820058		Aroclor-1242
	23	8.049			853	581			
	24	8.095	8.095	0.000	14617	6891	0.73433504		Aroclor-1242
	25	8.213			4278	1988			
	26	8.390			1601	798			
	27	8.452			11523	5374			
	28	8.556			11240	5205			
	29	8.632			5399	2861			
	30	8.652			5307	2841			
	31	8.851			278	131			
	32	8.944			15856	7205			
	33	9.033			13459	5002			
	34	9.248			22901	7356			
	35	9.452			5425	2440			
	36	9.567			1082	520			
	37	9.709			1321	635			
	38	9.807			11505	5174			
	39	9.895			18876	8392			
	40	9.997			22444	8901			
	41	10.183			1573	699			
	42	10.225			798	394			
	43	10.445			20315	7725			
	44	10.591			7010	2393			
	45	10.742			3390	1505			
	46	10.917			255	107			
	47	11.046			747	317			
	48	11.181			3336	1279			
	49	11.307			5078	2093			
	50	11.414			2987	1477			
	51	11.540			7240	3633			
	52	11.799			2293	1242			
	53	11.908			432	227			
	54	11.983			547	333			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.083			5092	2558			
	56	12.305			414	270			
	57	12.498			442	294			
	58	12.584			3033	1739			
	59	12.976			729	500			
	60	13.271			529	338			
	61	13.404			518	336			
	62	13.734			434	251			
	63	15.559			1532	971			
	64	15.718			389	140			
$	65	15.984	15.981	0.003	144286	98671	0.07913305		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

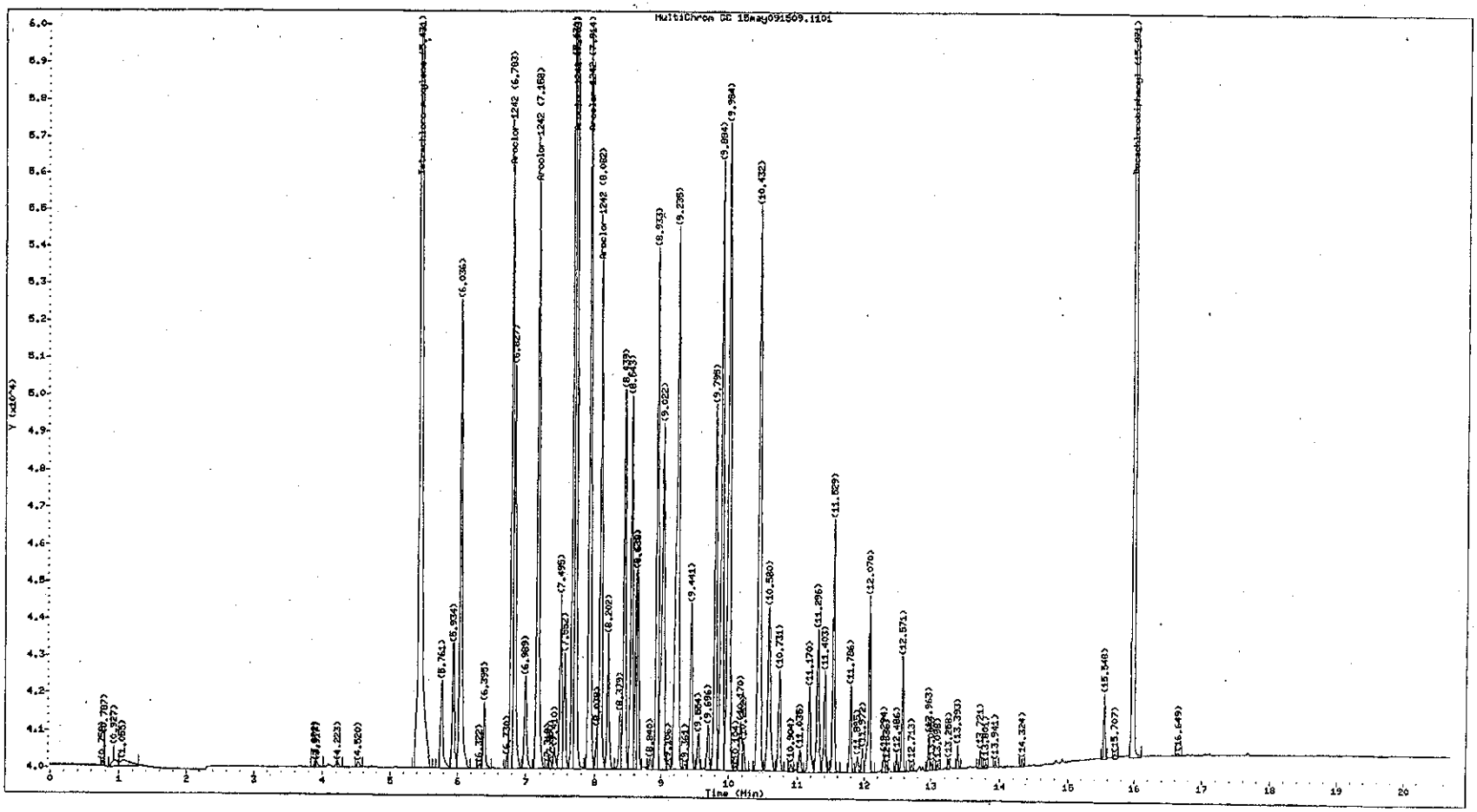
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.442	5.442	0.0400	Tetrachloro-m-xylene
6.794	6.794	0.8000	Aroclor-1242
15.984	15.981	0.0800	Decachlorobiphenyl

Reported: 05/18/2009 11:33 jb 15may091509-r091.d Page 2

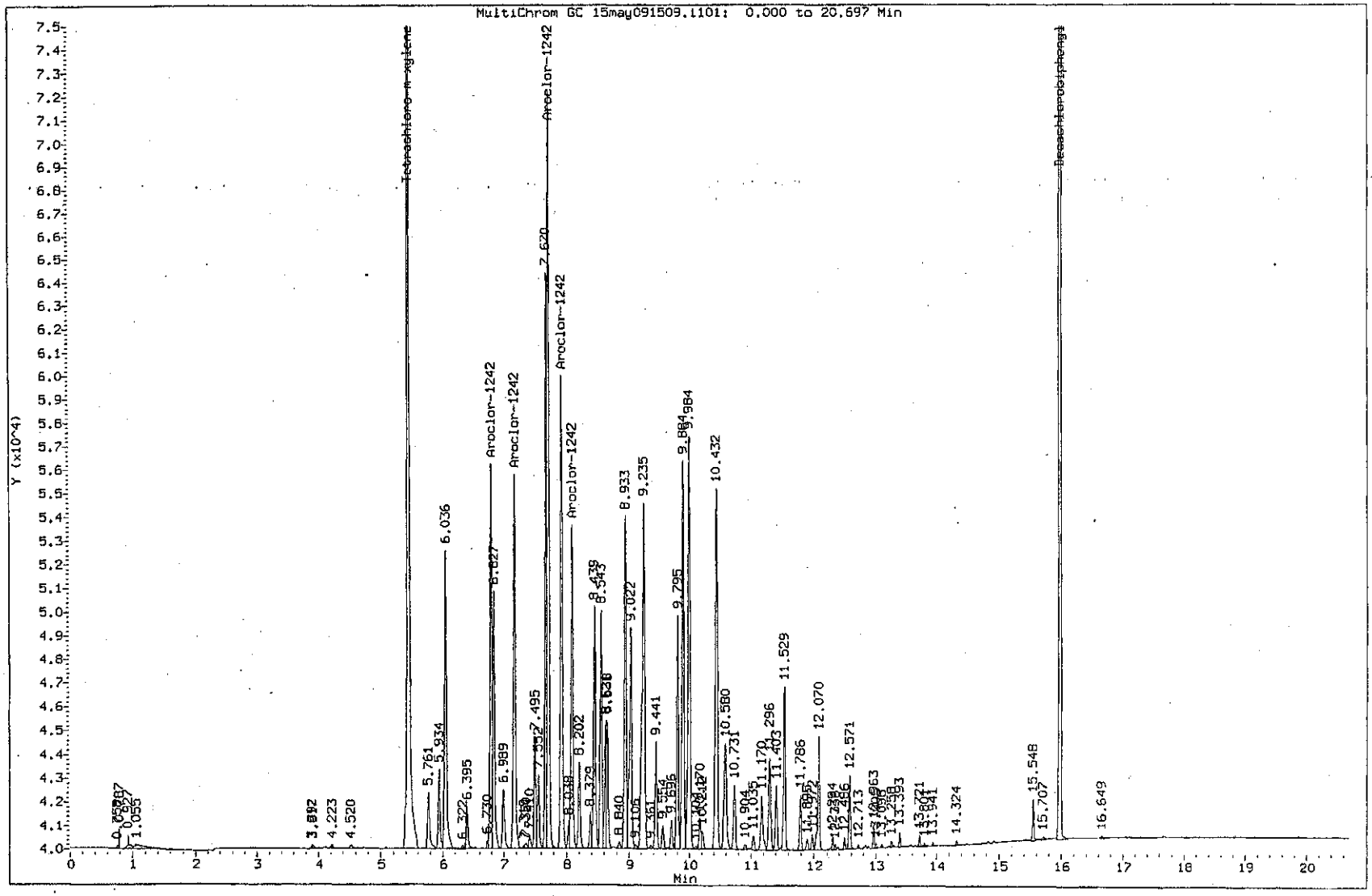
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12425G1	Client Sample ID: AR12425G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:47
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r101.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		



Data File: /var/chem/5253_1.1/051509_1/15MAY091509.b/15may091509-r101.d/15may091509.1101
Injection Date: 15-MAY-2009 18:47
Instrument: 5253_1.1
Client Sample ID: AR12425G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12425G1 Client Sample ID: AR12425G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r101.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:33 jb

Sample Type : CALIB_5
Injection Date : 15-MAY-2009 18:47
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.758			206	113			
	2	0.787			286	846			
	3	0.927			1058	557			
	4	1.055			1635	160			
	5	3.892			260	159			
	6	3.917			330	146			
	7	4.223			283	155			
	8	4.520			372	131			
$	9	5.431	5.442	-0.012	110102	45954	0.08584158	A	Tetrachloro-m-xylene
	10	5.761			6075	2355			
	11	5.934			7246	3347			
	12	6.036			28709	12567			
	13	6.322			229	119			
	14	6.395			3787	1786			
	15	6.730			529	348			
	16	6.783	6.794	-0.011	31155	16221	1.37970337	M	Aroclor-1242
	17	6.827			23130	10809			
	18	6.989			6118	2474			
	19	7.158	7.168	-0.011	34702	15766	1.40758431	M	Aroclor-1242
	20	7.319			242	135			
	21	7.350			490	216			
	22	7.410			1253	573			
	23	7.495			9484	4679			
	24	7.552			6710	3105			
	25	7.670			42303	24357			
	26	7.703	7.714	-0.011	68520	32246	1.52719695	M	Aroclor-1242
	27	7.914	7.926	-0.013	43137	19940	1.46421163	M	Aroclor-1242
	28	8.038			1697	1114			
	29	8.082	8.095	-0.013	28782	13626	1.45204604	M	Aroclor-1242
	30	8.202			6139	3616			
	31	8.379			3211	1506			
	32	8.439			21841	10175			
	33	8.543			21266	10000			
	34	8.621			9497	5334			
	35	8.638			11467	5369			
	36	8.840			698	286			
	37	8.933			29702	13979			
	38	9.022			25062	9269			
	39	9.106			439	163			
	40	9.235			43681	14536			
	41	9.361			327	148			
	42	9.441			10071	4461			
	43	9.554			2090	981			
	44	9.696			2531	1198			
	45	9.795			21525	9791			
	46	9.884			36112	16330			
	47	9.984			43325	17393			
	48	10.104			264	115			
	49	10.170			2914	1299			
	50	10.212			1585	763			
	51	10.432			39669	15136			
	52	10.580			12934	4409			
	53	10.731			6200	2688			
	54	10.904			456	207			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	11.035			1350	592			
	56	11.170			5961	2282			
	57	11.296			9298	3839			
	58	11.403			5505	2692			
	59	11.529			13474	6796			
	60	11.786			4230	2311			
	61	11.895			850	443			
	62	11.972			1087	639			
	63	12.070			9485	4734			
	64	12.294			827	520			
	65	12.336			316	203			
	66	12.486			753	489			
	67	12.571			5369	3072			
	68	12.713			259	181			
	69	12.963			1478	970			
	70	13.005			296	216			
	71	13.098			232	152			
	72	13.258			409	270			
	73	13.393			921	627			
	74	13.721			746	484			
	75	13.801			246	156			
	76	13.941			224	167			
	77	14.324			285	201			
	78	15.548			2673	1734			
	79	15.707			369	128			
$	80	15.971	15.981	-0.010	304847	206781	0.16583607	A	Decachlorobiphenyl
	81	16.649			201	85			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.431	5.442	0.0800	Tetrachloro-m-xylene
6.783	6.794	1.6000	Aroclor-1242
15.971	15.981	0.1600	Decachlorobiphenyl

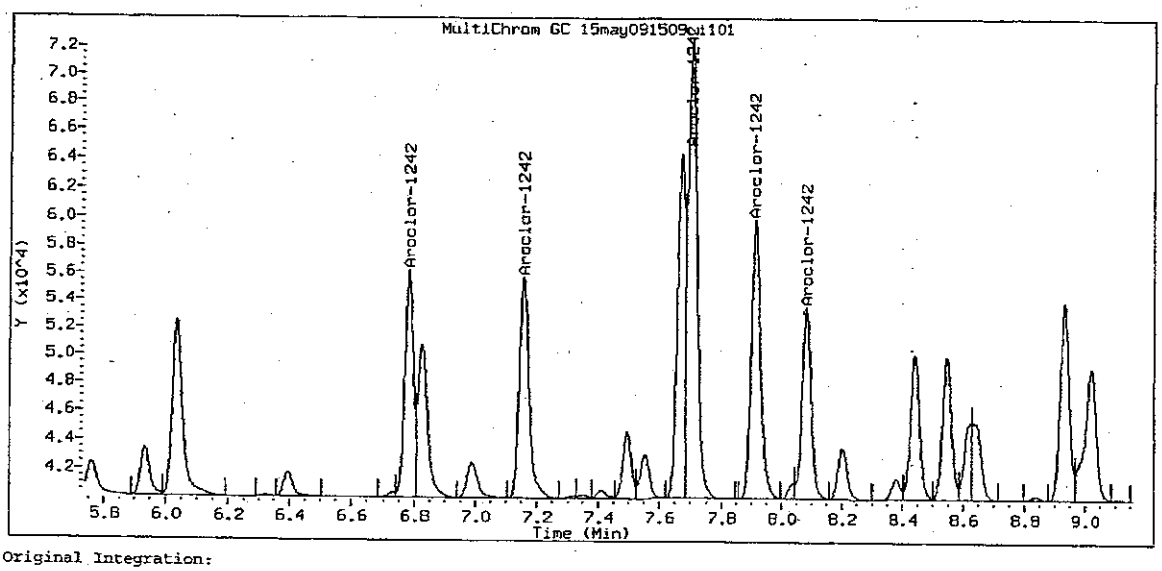
Reported: 05/18/2009 11:33 jb 15may091509-r101.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r101.d
Client Sample ID: AR12425G1
Compound Name: Aroclor-1242

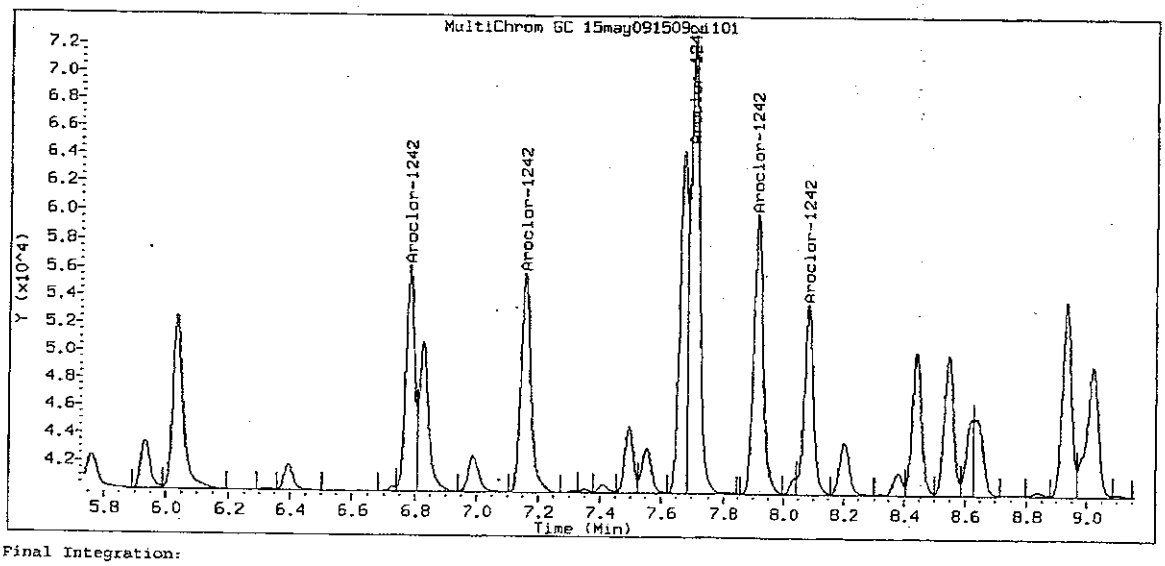
Inj. Date and Time: 15-MAY-2009 18:47
Instrument ID: 5253_1.i
CAS #: 53469-21-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:33



Original Integration:

RT = 6.7830 Height = 16221
RT = 7.1576 Height = 15766
RT = 7.7029 Height = 32218
RT = 7.9135 Height = 19910
RT = 8.0820 Height = 13580



Final Integration:

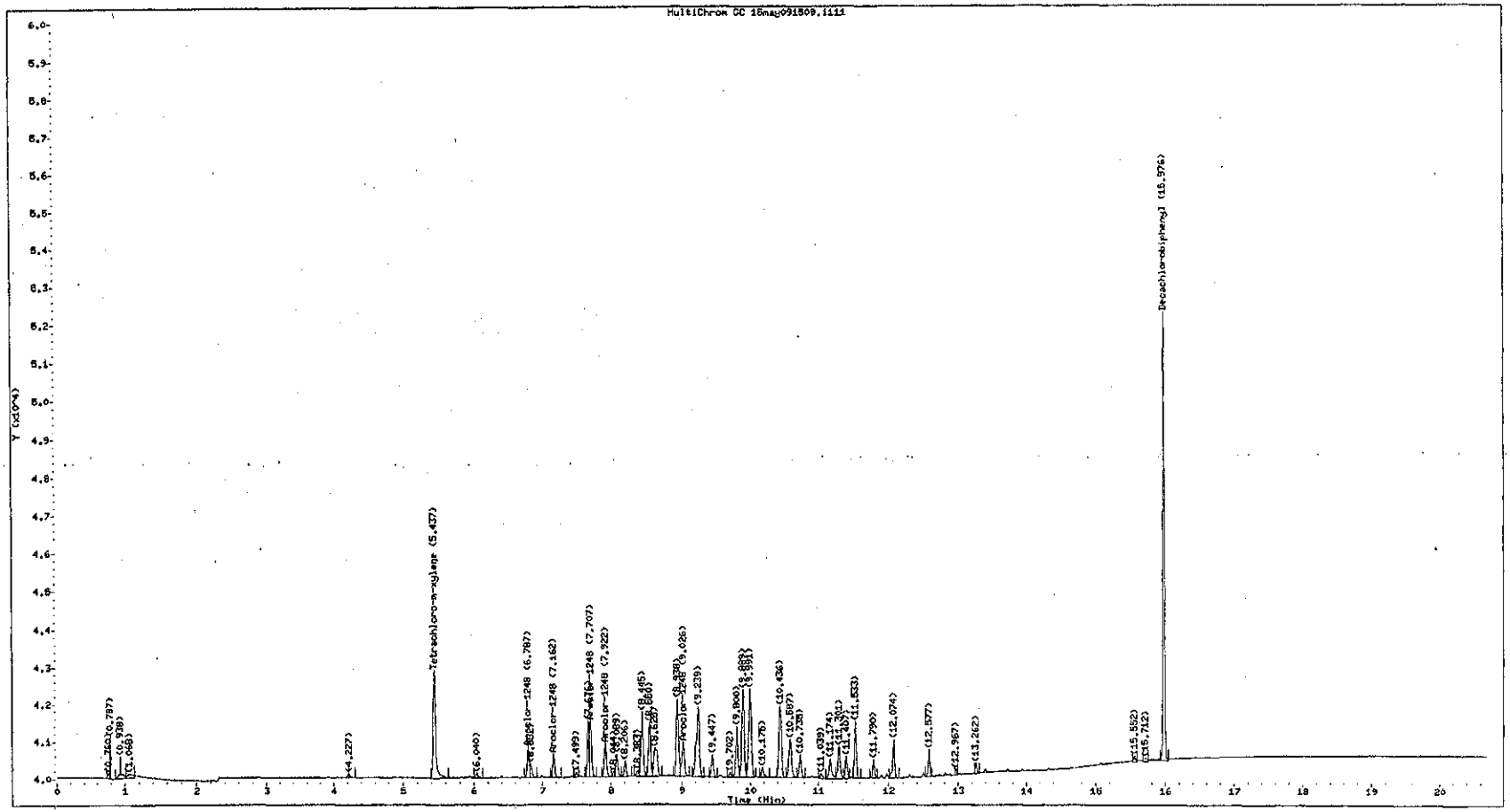
RT = 6.7830 Height = 16221
RT = 7.1576 Height = 15766
RT = 7.7029 Height = 32246
RT = 7.9135 Height = 19940
RT = 8.0820 Height = 13626

Manual Integration Reason: MI1 - Poor automated baseline

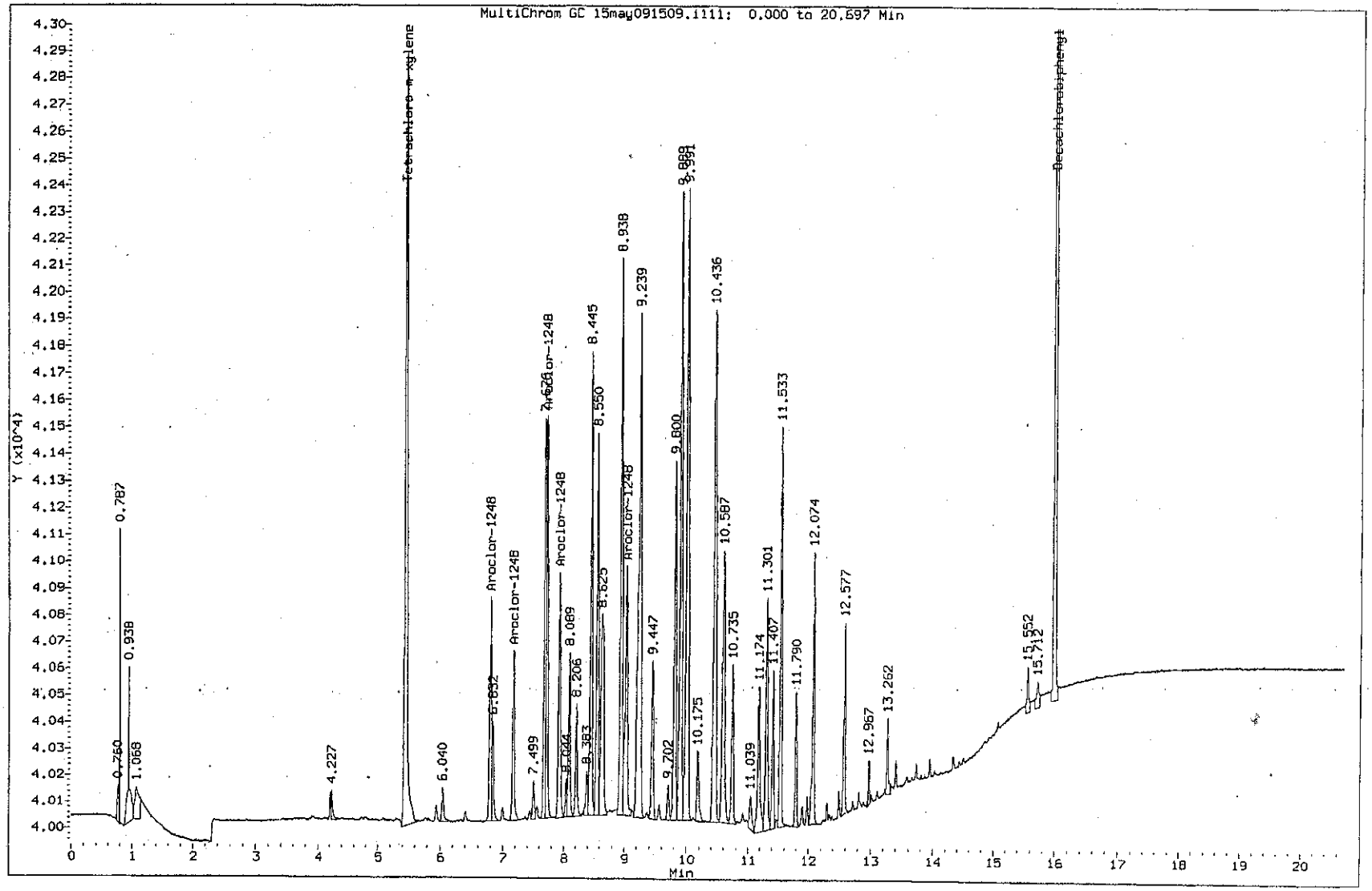
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12481G1	Client Sample ID: AR12481G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:11
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r111.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		



Data File: /var/chem/5253_1.i/051509_i/15MAY091509.b/15may091509-r111.d/15may091509.i111
Injection Date: 15-MAY-2009 19:11
Instrument: 5253_1.i
Client Sample ID: AR12481G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12481G1 Client Sample ID: AR12481G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:11
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r111.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.760			237	138			
	2	0.787			402	1109			
	3	0.938			947	587			
	4	1.068			644	120			
	5	4.227			204	110			
$	6	5.437	5.442	-0.005	7588	2892	0.00540222		Tetrachloro-m-xylene
	7	6.040			285	127			
	8	6.787	6.790	-0.003	1668	838	0.11415144		Aroclor-1248
	9	6.832			739	375			
	10	7.162	7.163	-0.001	1399	637	0.11308612		Aroclor-1248
	11	7.499			282	143			
	12	7.676			2756	1490			
	13	7.707	7.710	-0.003	3041	1500	0.11077162		Aroclor-1248
	14	7.922	7.922	0.001	2194	915	0.11539917		Aroclor-1248
	15	8.044			245	141			
	16	8.089			1284	614			
	17	8.206			884	420			
	18	8.383			349	167			
	19	8.445			3736	1729			
	20	8.550			3052	1425			
	21	8.625			2682	752			
	22	8.938			4587	2071			
	23	9.026	9.029	-0.003	2496	930	0.11469446		Aroclor-1248
	24	9.239			5867	1876			
	25	9.447			1283	591			
	26	9.702			262	132			
	27	9.800			2994	1343			
	28	9.889			5379	2343			
	29	9.991			6380	2354			
	30	10.175			641	263			
	31	10.436			5123	1904			
	32	10.587			2896	1018			
	33	10.735			1341	595			
	34	11.039			350	126			
	35	11.174			1483	542			
	36	11.301			2077	868			
	37	11.407			1186	591			
	38	11.533			2945	1491			
	39	11.790			911	503			
	40	12.074			1959	1017			
	41	12.577			1181	713			
	42	12.967			223	168			
	43	13.262			482	283			
	44	15.552			323	168			
	45	15.712			280	96			
$	46	15.976	15.981	-0.005	18082	11791	0.00945625	a	Decachlorobiphenyl

Reported: 05/18/2009 11:33 jb 15may091509-r111.d Page 1

TestAmerica Burlington - Target GC Injection Report

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

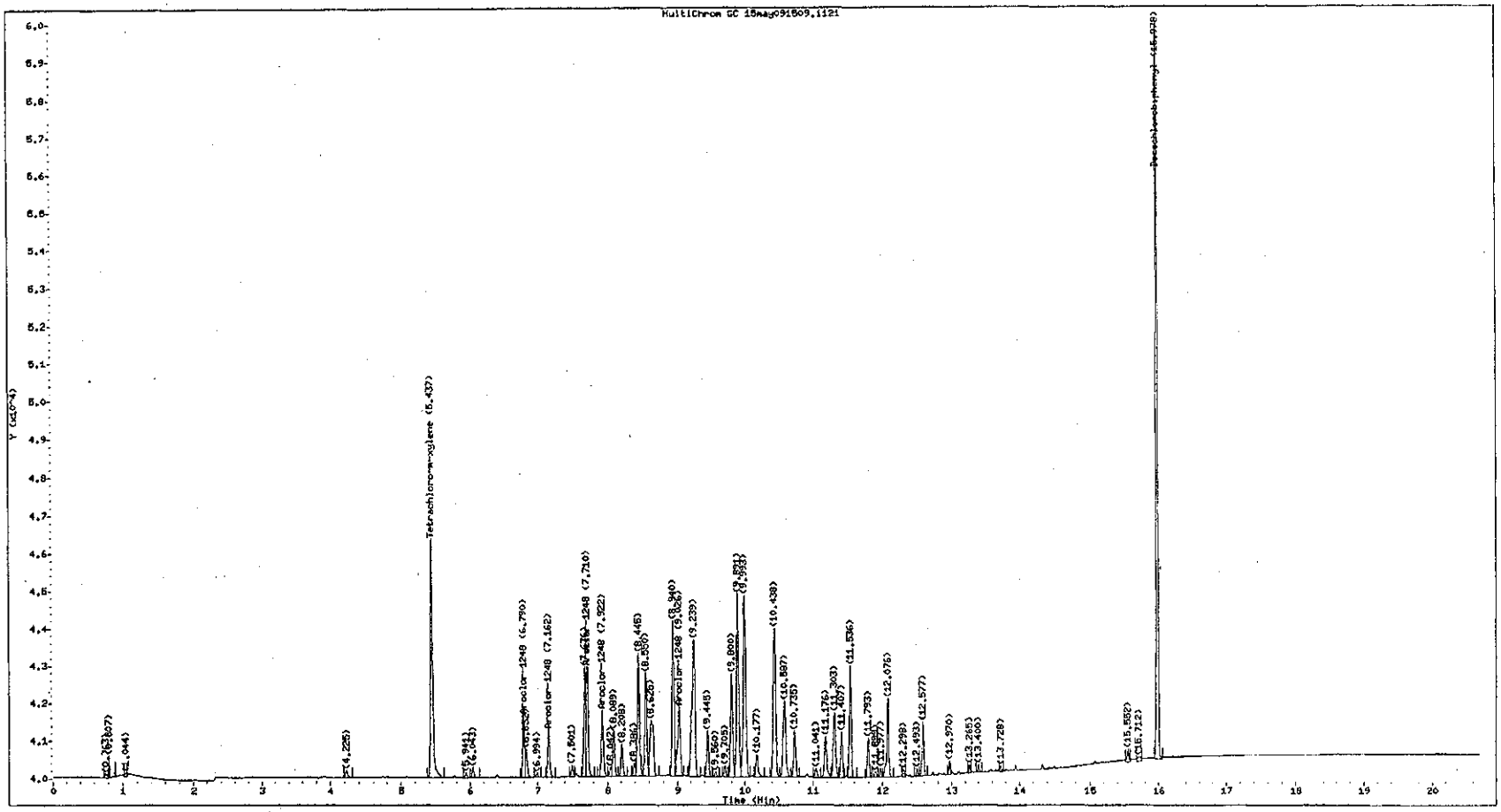
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.437	5.442	0.0050	Tetrachloro-m-xylene
6.787	6.790	0.1000	Aroclor-1248
15.976	15.981	0.0100	Decachlorobiphenyl

Reported: 05/18/2009 11:33 jb 15may091509-r111.d Page 2

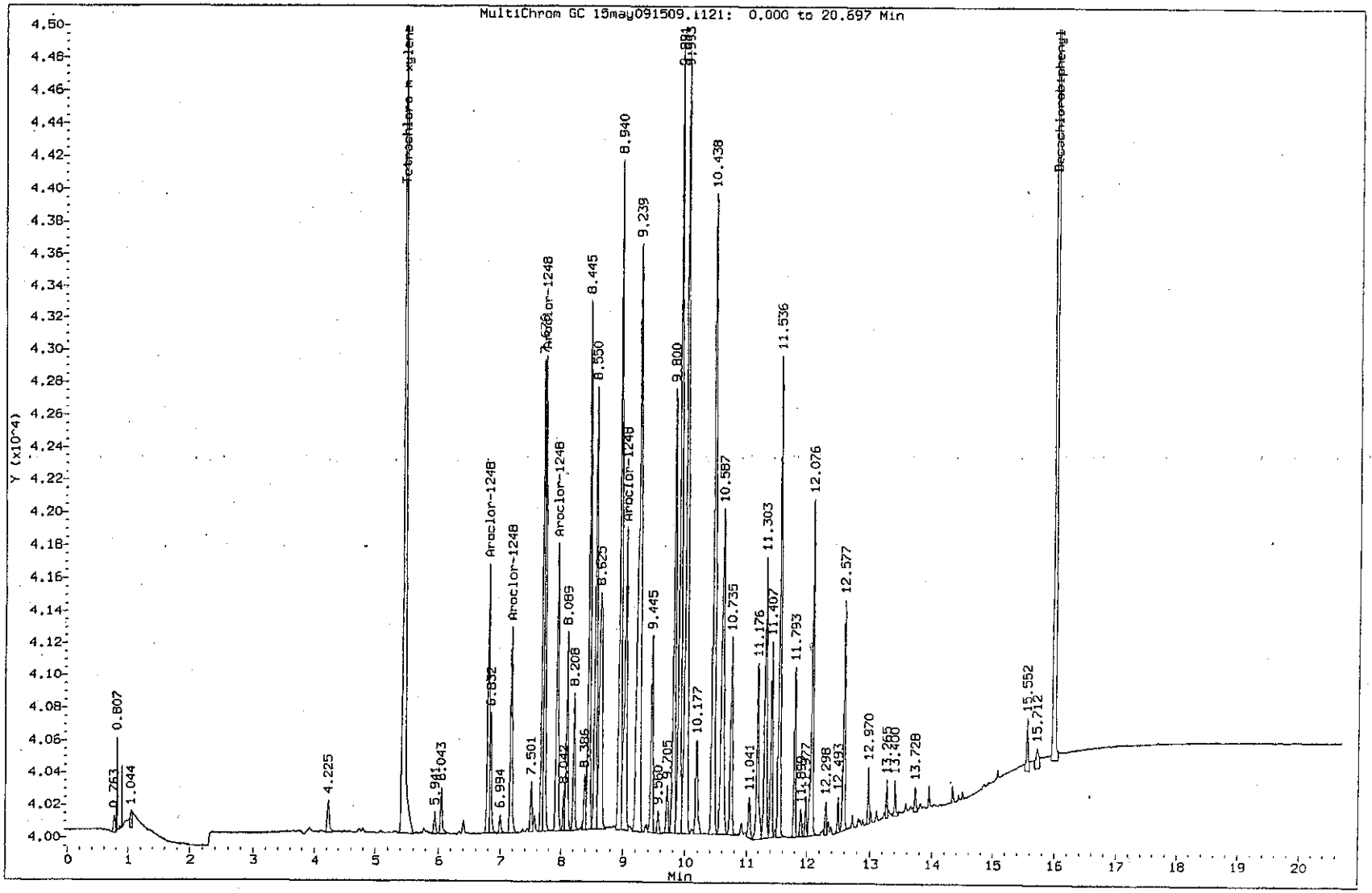
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12482G1	Client Sample ID: AR12482G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:35
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r121.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r121.d/15may091509.i121
Injection Date: 15-MAY-2009 19:35
Instrument: 5253_1.i
Client Sample ID: AR12482G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12482G1 Client Sample ID: AR12482G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:35
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r121.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:33 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.763			217	108			
	2	0.807			221	584			
	3	1.044			212	103			
	4	4.225			470	195			
$	5	5.437	5.442	-0.005	14316	6341	0.01184492		Tetrachloro-m-xylene
	6	5.941			264	132			
	7	6.043			574	280			
	8	6.790	6.790	-0.001	3214	1657	0.22571472		Aroclor-1248
	9	6.832			1459	741			
	10	6.994			231	111			
	11	7.162	7.163	-0.001	2724	1272	0.22581719		Aroclor-1248
	12	7.501			572	307			
	13	7.676			5232	2894			
	14	7.710	7.710	0.000	5896	2918	0.21548772		Aroclor-1248
	15	7.922	7.922	0.001	4220	1769	0.22310506		Aroclor-1248
	16	8.042			421	246			
	17	8.089			2552	1225			
	18	8.208			1736	842			
	19	8.386			646	336			
	20	8.445			6951	3258			
	21	8.550			5765	2717			
	22	8.625			5156	1459			
	23	8.940			8788	4122			
	24	9.026	9.029	-0.003	4848	1854	0.22864895		Aroclor-1248
	25	9.239			11378	3622			
	26	9.445			2619	1213			
	27	9.560			294	140			
	28	9.705			589	290			
	29	9.800			6094	2729			
	30	9.891			10877	4855			
	31	9.993			12931	4816			
	32	10.177			1367	577			
	33	10.438			10398	3944			
	34	10.587			5836	1997			
	35	10.735			2732	1220			
	36	11.041			575	249			
	37	11.176			2672	1085			
	38	11.303			4094	1731			
	39	11.407			2390	1206			
	40	11.536			5898	2954			
	41	11.793			1889	1045			
	42	11.899			320	169			
	43	11.977			407	251			
	44	12.076			4080	2067			
	45	12.298			326	209			
	46	12.493			329	218			
	47	12.577			2465	1422			
	48	12.970			519	349			
	49	13.265			249	231			
	50	13.400			340	214			
	51	13.728			240	152			
	52	15.552			603	324			
	53	15.712			393	123			
$	54	15.978	15.981	-0.003	36063	24234	0.01943540		Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds.

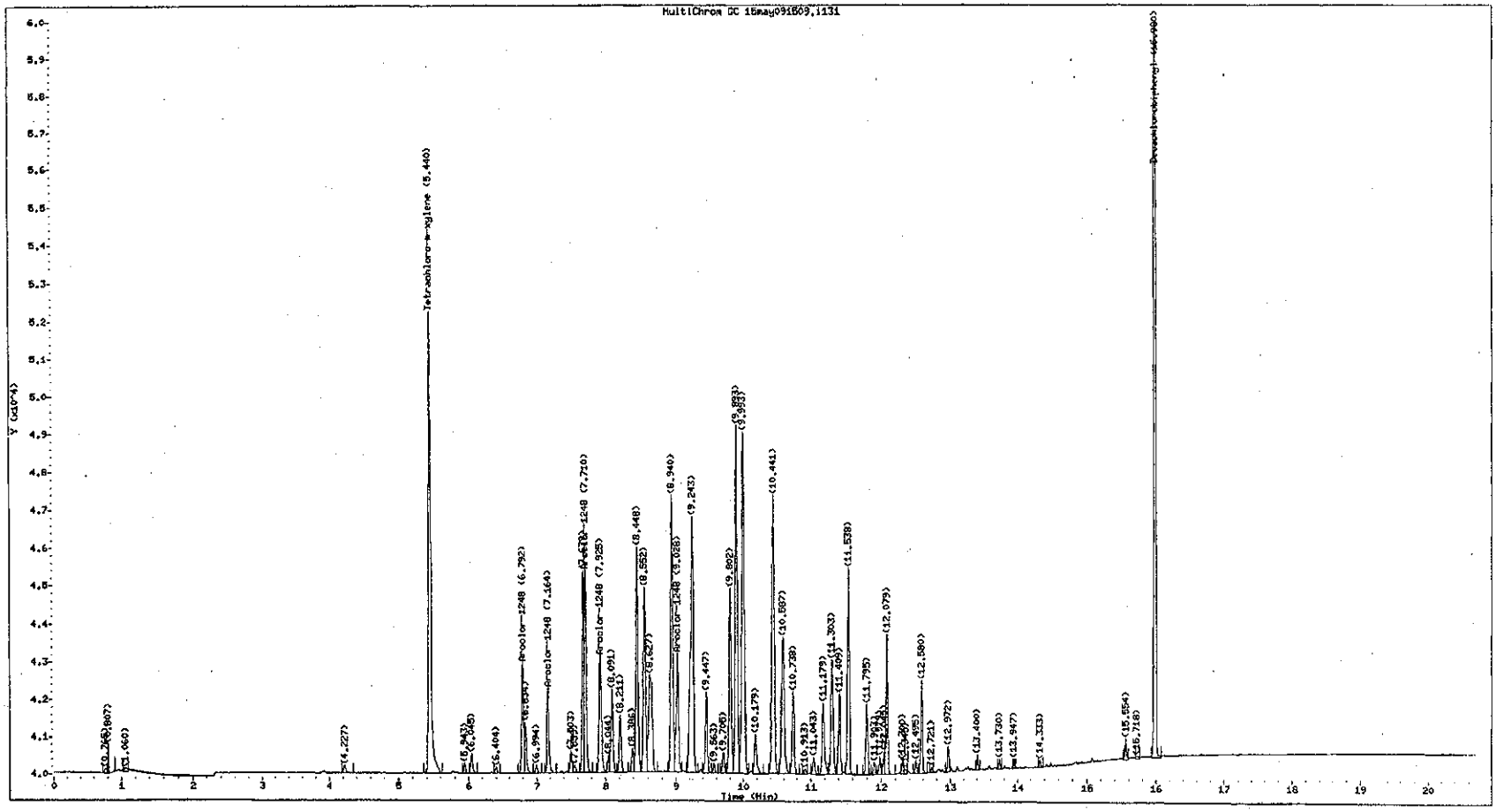
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.437	5.442	0.0100	Tetrachloro-m-xylene
6.790	6.790	0.2000	Aroclor-1248
15.978	15.981	0.0200	Decachlorobiphenyl

Reported: 05/18/2009 11:33 jb 15may091509-r121.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G1	Client Sample ID: AR12483G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:58
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r131.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G1 Client Sample ID: AR12483G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r131.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:34 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 19:58
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.765			272	135			
	2	0.807			300	789			
	3	1.060			394	104			
	4	4.227			507	206			
§	5	5.440	5.442	-0.003	27495	12244	0.02287166		Tetrachloro-m-xylene
	6	5.943			524	269			
	7	6.045			1102	524			
	8	6.404			326	172			
	9	6.792	6.790	0.002	5790	2945	0.40116467		Aroclor-1248
	10	6.834			2731	1372			
	11	6.994			456	224			
	12	7.164	7.163	0.002	5023	2280	0.40476666		Aroclor-1248
	13	7.503			1108	577			
	14	7.559			415	203			
	15	7.679			9720	5325			
	16	7.710	7.710	0.000	10739	5352	0.39523313		Aroclor-1248
	17	7.925	7.922	0.003	7629	3114	0.39273553		Aroclor-1248
	18	8.044			700	437			
	19	8.091			4701	2202			
	20	8.211			3176	1523			
	21	8.386			1200	631			
	22	8.448			12513	5952			
	23	8.552			10342	4860			
	24	8.627			9163	2588			
	25	8.940			15744	7326			
	26	9.028	9.029	-0.001	8556	3169	0.39082444		Aroclor-1248
	27	9.243			20706	6764			
	28	9.447			4815	2155			
	29	9.563			549	268			
	30	9.705			1156	559			
	31	9.802			10865	4888			
	32	9.893			19962	9182			
	33	9.993			23949	9009			
	34	10.179			2597	1048			
	35	10.441			19338	7350			
	36	10.587			10470	3605			
	37	10.738			4912	2174			
	38	10.913			287	138			
	39	11.043			999	455			
	40	11.179			4638	1902			
	41	11.303			7199	3026			
	42	11.409			4252	2127			
	43	11.538			10696	5439			
	44	11.795			3485	1877			
	45	11.903			644	334			
	46	11.979			806	475			
	47	12.045			735	618			
	48	12.079			6650	3690			
	49	12.300			562	361			
	50	12.345			212	141			
	51	12.495			539	351			
	52	12.580			4287	2445			
	53	12.721			215	147			
	54	12.972			1031	673			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	13.400			556	395			
56	13.730			389	264			
57	13.947			315	255			
58	14.333			282	197			
59	15.554			925	560			
60	15.718			235	76			
$ 61	15.980	15.981	-0.001	71588	48241	0.03868875		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

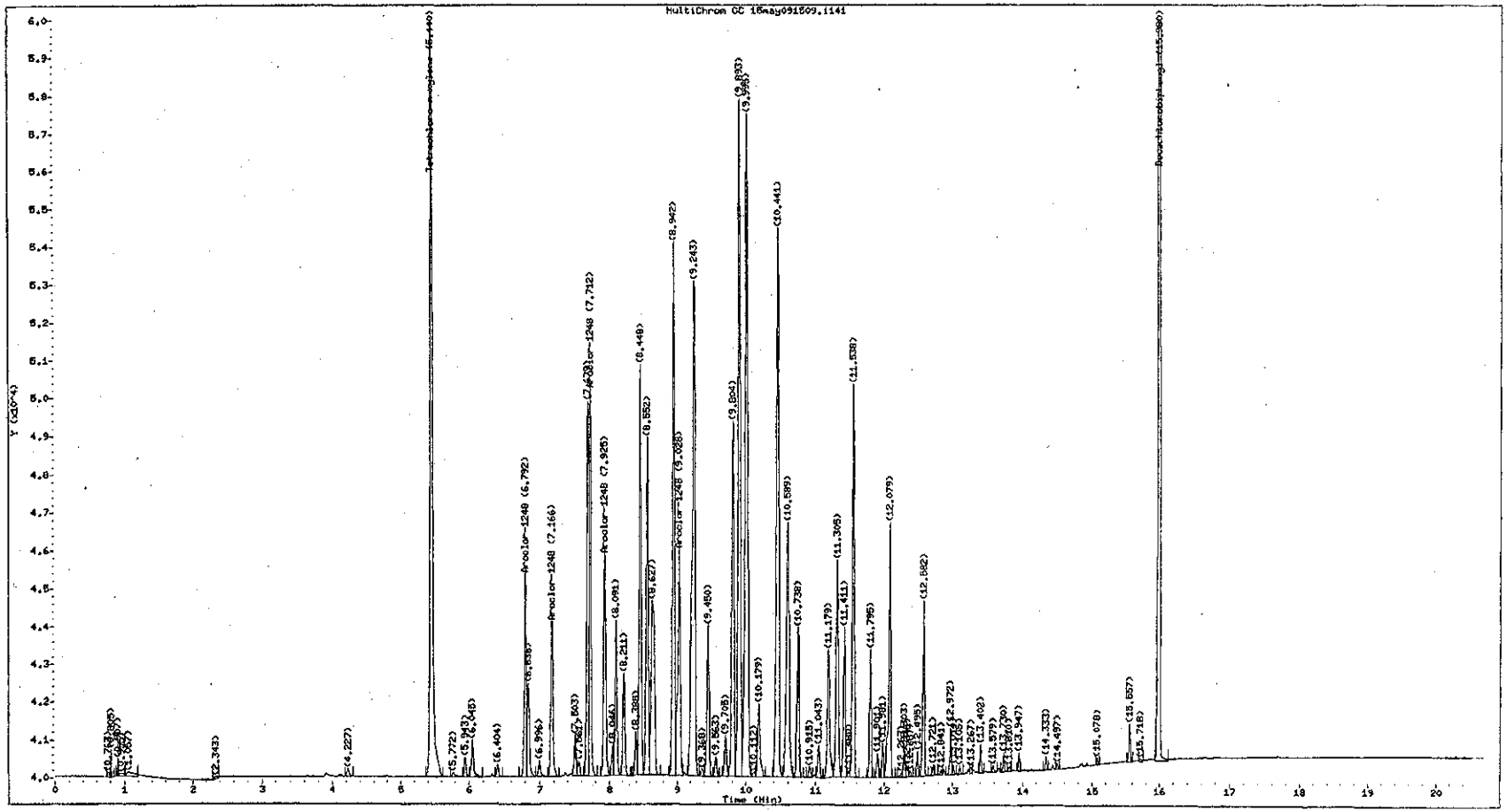
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.440	5.442	0.0200	Tetrachloro-m-xylene
6.792	6.790	0.4000	Aroclor-1248
15.980	15.981	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:34 jb 15may091509-r131.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12484G1	Client Sample ID: AR12484G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 15-MAY-2009 20:22
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r141.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12484G1 Client Sample ID: AR12484G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r141.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:34 jb

Sample Type : CALIB_4
Injection Date : 15-MAY-2009 20:22
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.763			235	119			
	2	0.805			320	732			
	3	0.907			243	468			
	4	0.955			378	81			
	5	1.057			915	123			
	6	2.343			224	57			
	7	4.227			535	211			
$	8	5.440	5.442	-0.003	54074	24015	0.04485976		Tetrachloro-m-xylene
	9	5.772			394	117			
	10	5.943			1063	527			
	11	6.045			2217	979			
	12	6.404			644	336			
	13	6.792	6.790	0.002	10465	5342	0.72768138		Aroclor-1248
	14	6.836			5107	2453			
	15	6.996			959	436			
	16	7.166	7.163	0.004	9183	4093	0.72662717		Aroclor-1248
	17	7.503			2121	1075			
	18	7.561			814	396			
	19	7.679			18615	9854			
	20	7.712	7.710	0.002	19670	10187	0.75228697		Aroclor-1248
	21	7.925	7.922	0.003	13998	5854	0.73830243		Aroclor-1248
	22	8.046			1390	801			
	23	8.091			8616	4088			
	24	8.211			5760	2675			
	25	8.388			2246	1127			
	26	8.448			22810	10802			
	27	8.552			18779	8873			
	28	8.627			16528	4603			
	29	8.942			29524	14033			
	30	9.028	9.029	-0.001	15838	5970	0.73626441		Aroclor-1248
	31	9.243			39023	13025			
	32	9.368			383	188			
	33	9.450			8837	3962			
	34	9.563			1096	527			
	35	9.705			2277	1063			
	36	9.804			20422	9345			
	37	9.893			38359	17865			
	38	9.995			45847	17460			
	39	10.112			293	131			
	40	10.179			4848	1911			
	41	10.441			37344	14437			
	42	10.589			19325	6705			
	43	10.738			8969	3918			
	44	10.915			650	287			
	45	11.043			1914	849			
	46	11.179			8467	3363			
	47	11.305			13420	5704			
	48	11.411			7853	3941			
	49	11.480			279	171			
	50	11.538			20022	10331			
	51	11.795			6300	3368			
	52	11.901			1245	646			
	53	11.981			1545	901			
	54	12.079			13592	6708			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.263			240	130			
	56	12.303			1136	700			
	57	12.345			452	298			
	58	12.387			266	176			
	59	12.495			1006	659			
	60	12.582			7904	4615			
	61	12.721			421	292			
	62	12.841			262	161			
	63	12.972			1928	1227			
	64	13.014			362	255			
	65	13.105			341	230			
	66	13.267			271	175			
	67	13.402			1062	747			
	68	13.579			296	187			
	69	13.730			748	503			
	70	13.810			210	151			
	71	13.947			599	484			
	72	14.333			537	370			
	73	14.497			223	168			
	74	15.078			262	202			
	75	15.557			1516	993			
	76	15.718			229	76			
$	77	15.980	15.981	-0.001	147019	99900	0.08011869		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

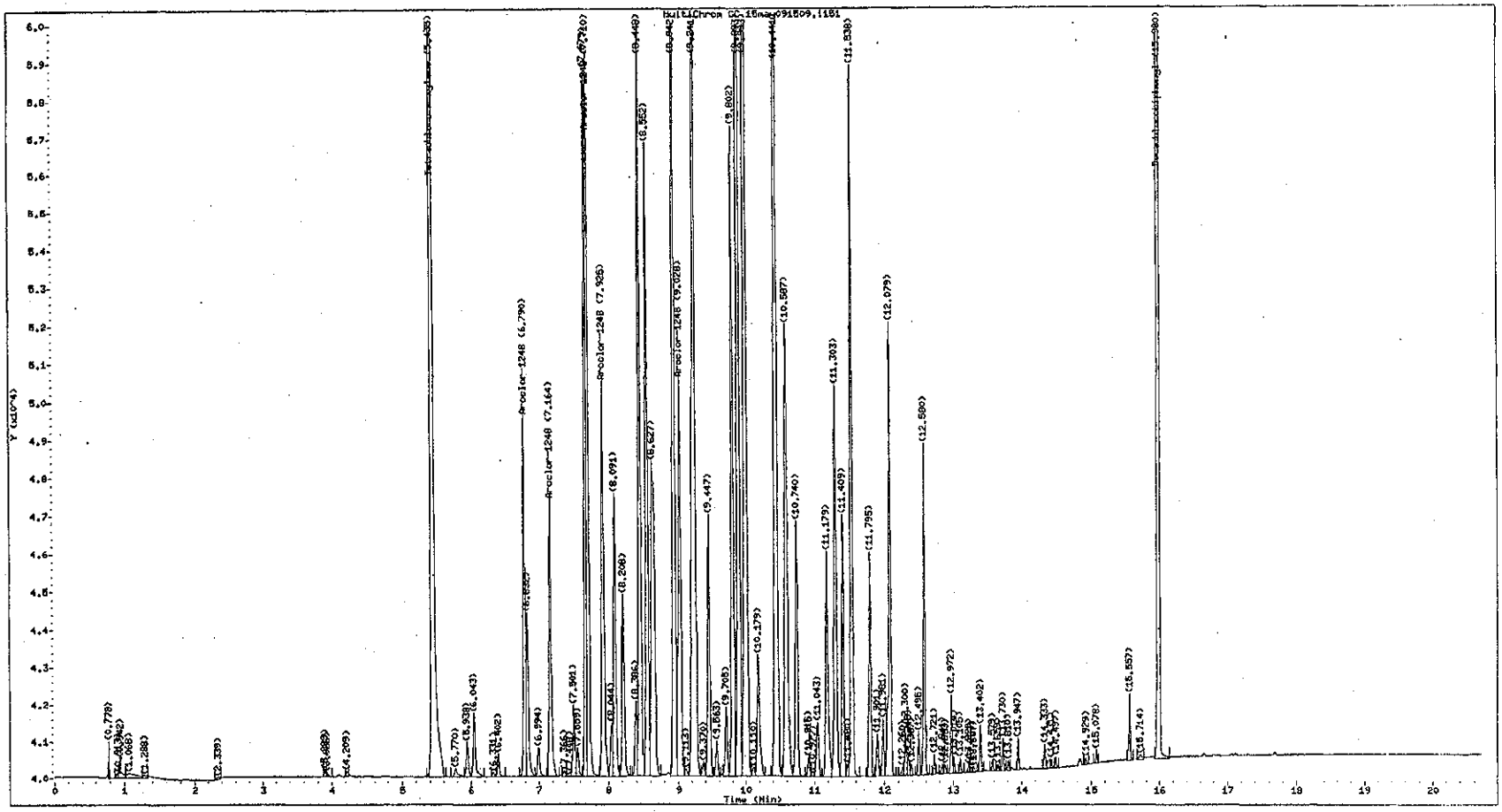
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.440	5.442	0.0400	Tetrachloro-m-xylene
6.792	6.790	0.8000	Aroclor-1248
15.980	15.981	0.0800	Decachlorobiphenyl

Reported: 05/18/2009 11:34 jb 15may091509-r141.d Page 2

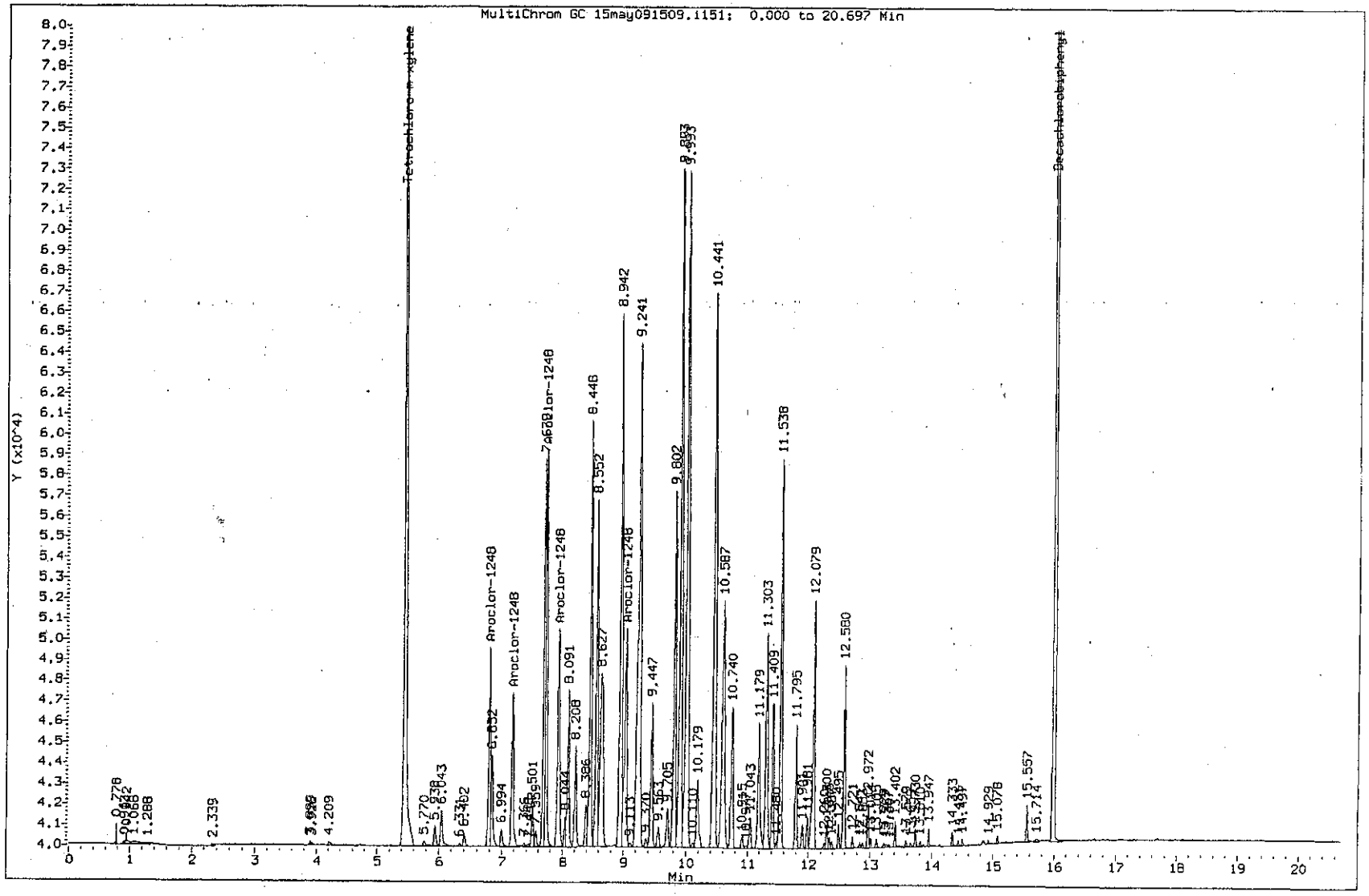
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12485G1	Client Sample ID: AR12485G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 20:46
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r151.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r151.d/15may091509.i151
Injection Date: 15-MAY-2009 20:46
Instrument: 5253_1.i
Client Sample ID: AR12485G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12485G1 Client Sample ID: AR12485G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r151.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:34 jb

Sample Type : CALIB_5
Injection Date : 15-MAY-2009 20:46
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.778			363	1011			
	2	0.913			255	135			
	3	0.942			870	536			
	4	1.068			1191	132			
	5	1.288			303	82			
	6	2.339			242	61			
	7	3.899			261	186			
	8	3.926			201	114			
	9	4.209			288	155			
$	10	5.435	5.442	-0.007	108104	46646	0.08713422	A	Tetrachloro-m-xylene
	11	5.770			777	230			
	12	5.938			2048	939			
	13	6.043			4158	1722			
	14	6.331			247	124			
	15	6.402			1295	617			
	16	6.790	6.790	-0.001	18898	9601	1.30783770	M	Aroclor-1248
	17	6.832			9468	4383			
	18	6.994			1832	799			
	19	7.164	7.163	0.002	16919	7389	1.31176353	M	Aroclor-1248
	20	7.366			353	168			
	21	7.448			344	121			
	22	7.501			4011	1931			
	23	7.559			1787	767			
	24	7.679			35379	18791			
	25	7.710	7.710	0.000	39439	19205	1.41824593	M	Aroclor-1248
	26	7.925	7.922	0.003	25966	10476	1.32122588	M	Aroclor-1248
	27	8.044			2594	1435			
	28	8.091			16281	7520			
	29	8.208			10762	4848			
	30	8.386			4254	2031			
	31	8.448			42990	20659			
	32	8.552			35040	16801			
	33	8.627			30437	8350			
	34	8.942			54666	25892			
	35	9.028	9.029	-0.001	28324	10540	1.29987051	M	Aroclor-1248
	36	9.113			476	192			
	37	9.241			72336	24466			
	38	9.370			853	385			
	39	9.447			15840	6933			
	40	9.563			2015	936			
	41	9.705			4082	1856			
	42	9.802			37008	17235			
	43	9.893			70888	33023			
	44	9.993			84955	32907			
	45	10.110			537	240			
	46	10.179			8560	3253			
	47	10.441			69377	26947			
	48	10.587			34713	11953			
	49	10.740			15849	6785			
	50	10.915			1178	520			
	51	10.977			284	133			
	52	11.043			3343	1466			
	53	11.179			14791	5998			
	54	11.303			24003	10368			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	11.409			13937	6955			
56	11.480			590	346			
57	11.538			35950	18859			
58	11.795			11039	5962			
59	11.901			2199	1113			
60	11.981			2694	1531			
61	12.079			23654	12006			
62	12.260			434	249			
63	12.300			2041	1245			
64	12.345			868	535			
65	12.387			523	330			
66	12.495			1763	1145			
67	12.580			14698	8789			
68	12.721			773	531			
69	12.841			475	288			
70	12.883			351	249			
71	12.972			3314	2102			
72	13.014			620	448			
73	13.105			601	395			
74	13.229			348	206			
75	13.267			215	147			
76	13.307			216	145			
77	13.402			1790	1237			
78	13.579			477	311			
79	13.659			266	183			
80	13.730			1302	869			
81	13.810			383	269			
82	13.947			1076	845			
83	14.333			946	655			
84	14.431			304	243			
85	14.497			402	301			
86	14.929			223	179			
87	15.078			451	352			
88	15.557			2644	1774			
89	15.714			427	136			
$ 90	15.980	15.981	-0.001	289892	199438	0.15994707		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

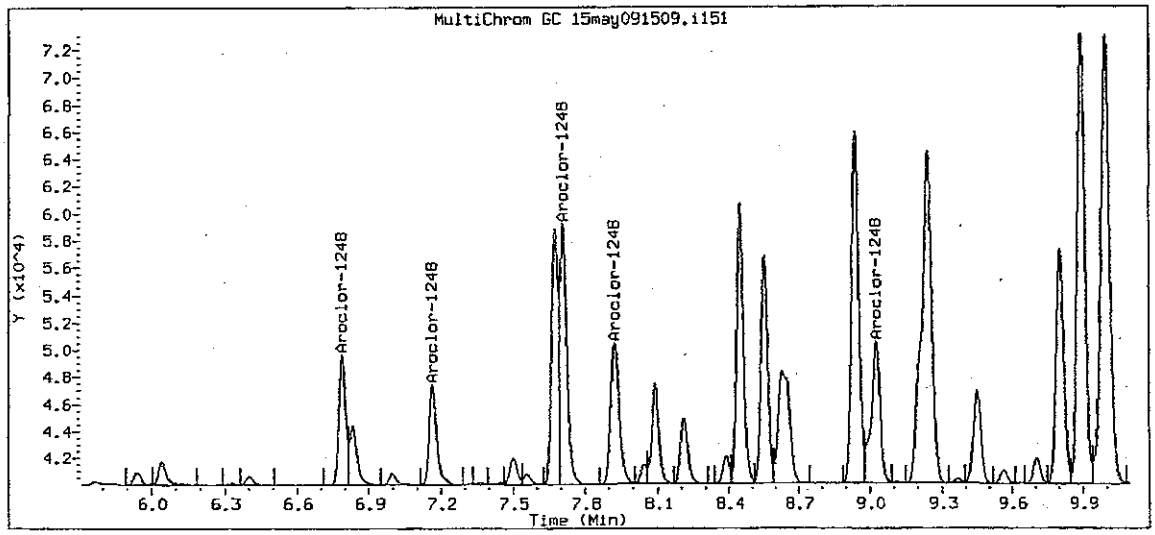
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.435	5.442	0.0800	Tetrachloro-m-xylene
6.790	6.790	1.6000	Aroclor-1248
15.980	15.981	0.1600	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r151.d
Client Sample ID: AR12485G1
Compound Name: Aroclor-1248

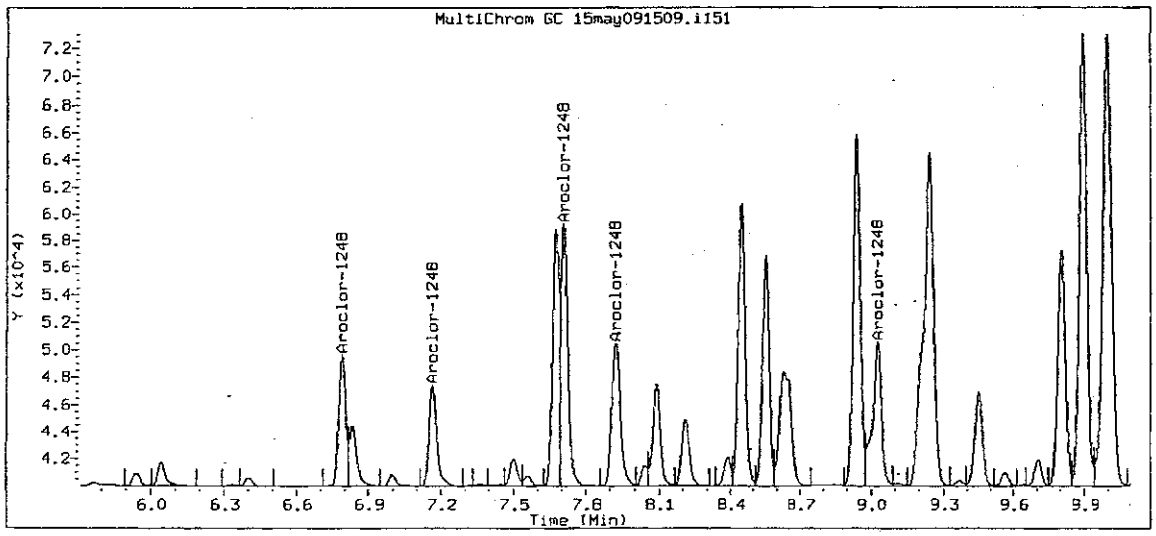
Inj. Date and Time: 15-MAY-2009 20:46
Instrument ID: 5253_1.i
CAS #: 12672-29-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:34



Original Integration:

RT = 6.7896 Height = 9601
RT = 7.1643 Height = 7388
RT = 7.7096 Height = 19189
RT = 7.9246 Height = 10450
RT = 9.0285 Height = 10501



Final Integration:

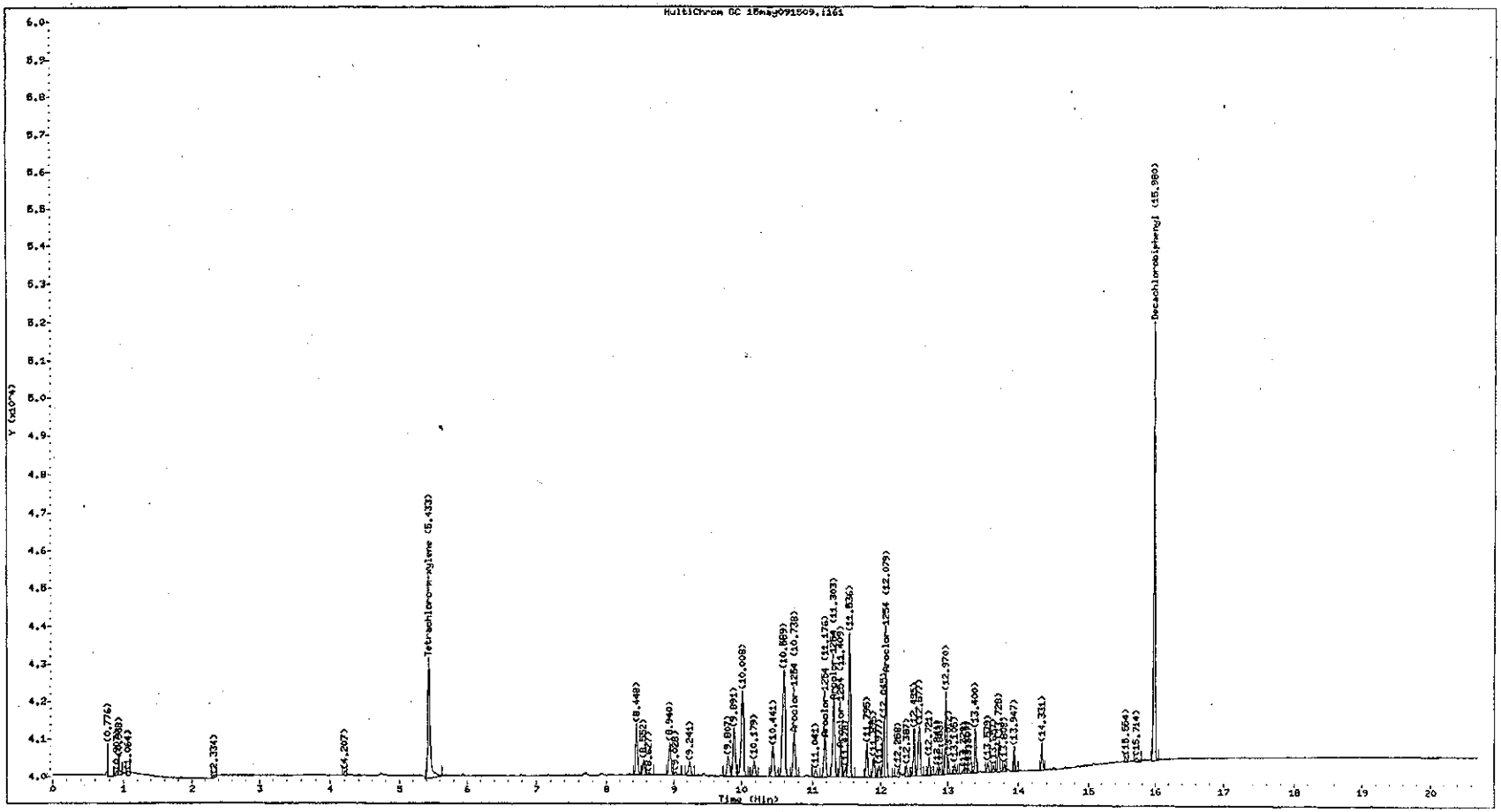
RT = 6.7896 Height = 9601
RT = 7.1643 Height = 7389
RT = 7.7096 Height = 19205
RT = 7.9246 Height = 10476
RT = 9.0285 Height = 10540

Manual Integration Reason: MI1 - Poor automated baseline

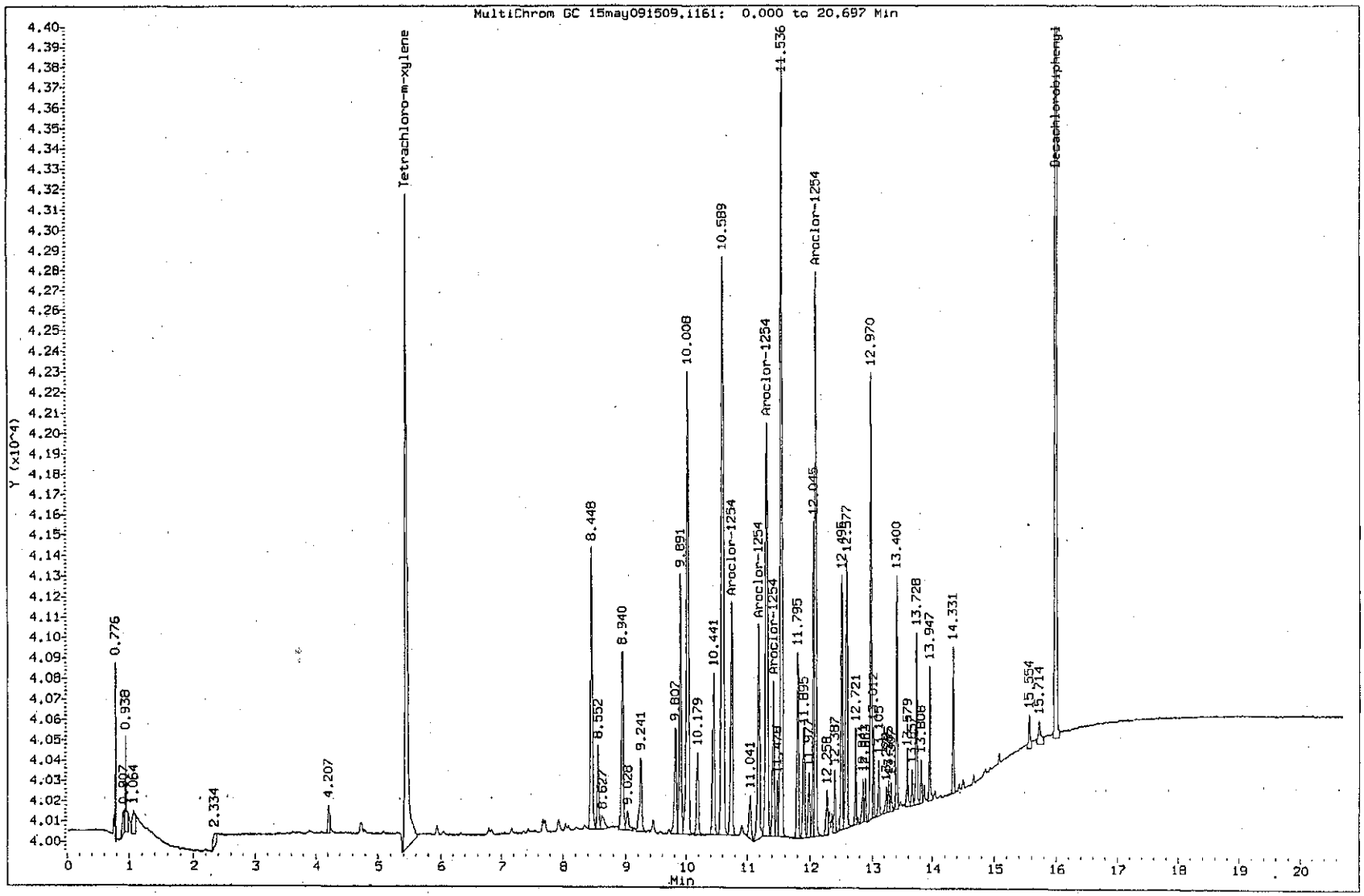
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12541G1	Client Sample ID: AR12541G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:10
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r161.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r161.d/15may091509.i161
Injection Date: 15-MAY-2009 21:10
Instrument: 5253_1.i
Client Sample ID: AR12541G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12541G1 Client Sample ID: AR12541G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:10
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r161.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.776			321	875			
	2	0.907			252	113			
	3	0.938			509	471			
	4	1.064			352	117			
	5	2.334			209	63			
	6	4.207			275	141			
$	7	5.433	5.442	-0.009	8138	3208	0.00599251		Tetrachloro-m-xylene
	8	8.448			2918	1371			
	9	8.552			842	410			
	10	8.627			234	64			
	11	8.940			1941	869			
	12	9.028			266	92			
	13	9.241			956	366			
	14	9.807			1345	520			
	15	9.891			2807	1267			
	16	10.008			5609	2259			
	17	10.179			875	403			
	18	10.441			1820	788			
	19	10.589			7447	2825			
	20	10.738	10.740	-0.003	2588	1137	0.11673661		Aroclor-1254
	21	11.041			501	212			
	22	11.176	11.180	-0.003	2380	1046	0.11818207		Aroclor-1254
	23	11.303	11.304	-0.002	4586	2020	0.11022365		Aroclor-1254
	24	11.409	11.411	-0.002	1466	755	0.11595984		Aroclor-1254
	25	11.478			487	274			
	26	11.536			7575	3815			
	27	11.795			1692	903			
	28	11.895			1069	519			
	29	11.977			553	313			
	30	12.045			2352	1535			
	31	12.079	12.080	-0.001	4977	2754	0.11059519		Aroclor-1254
	32	12.258			397	219			
	33	12.387			464	303			
	34	12.495			1928	1237			
	35	12.577			3018	1307			
	36	12.721			675	471			
	37	12.841			339	213			
	38	12.883			291	210			
	39	12.970			3440	2174			
	40	13.012			596	444			
	41	13.105			397	273			
	42	13.229			226	126			
	43	13.265			226	155			
	44	13.307			223	141			
	45	13.400			1598	1135			
	46	13.579			416	263			
	47	13.657			254	173			
	48	13.728			1240	836			
	49	13.808			294	212			
	50	13.947			859	651			
	51	14.331			1002	712			
	52	15.554			284	161			
	53	15.714			346	113			
$	54	15.980	15.981	-0.001	17696	11569	0.00927821	a	Decachlorobiphenyl

Reported: 05/18/2009 11:34 jb 15may091509-r161.d Page 1

TestAmerica Burlington - Target GC Injection Report

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

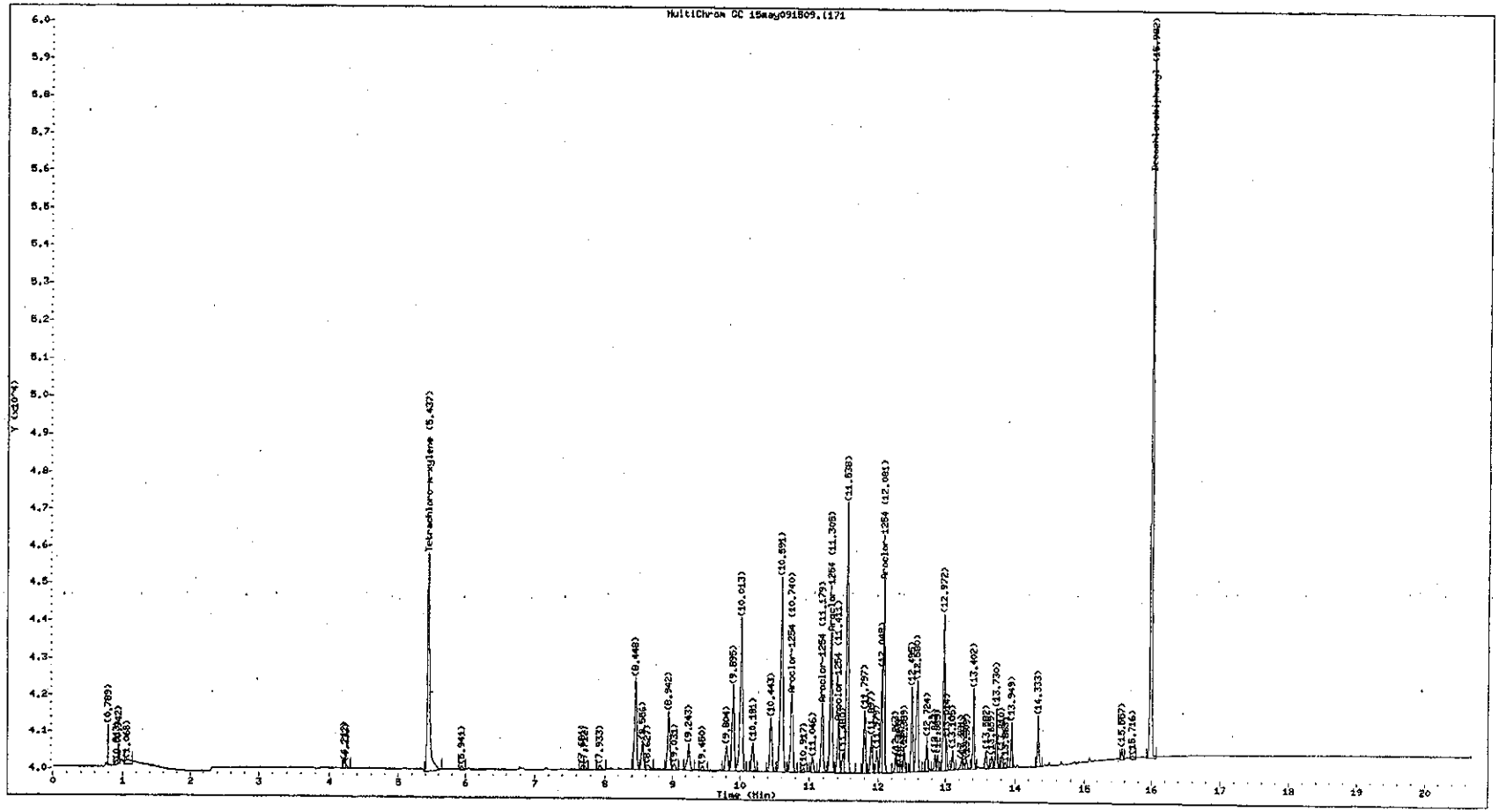
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.433	5.442	0.0050	Tetrachloro-m-xylene
10.738	10.740	0.1000	Aroclor-1254
15.980	15.981	0.0100	Decachlorobiphenyl

Reported: 05/18/2009 11:34 jb 15may091509-r161.d Page 2

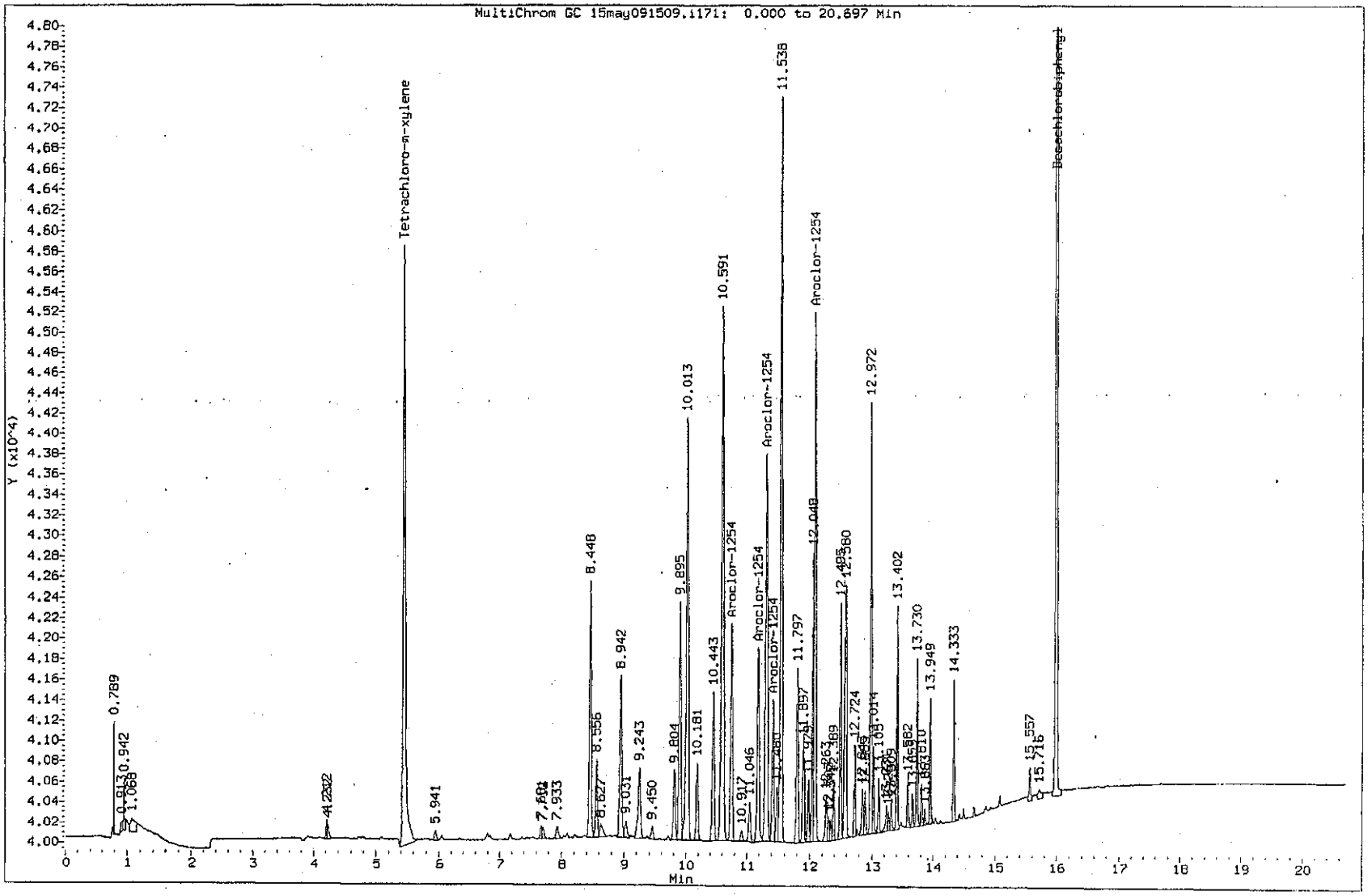
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12542G1	Client Sample ID: AR12542G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:34
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r171.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r171.d/15may091509.i171
Injection Date: 15-MAY-2009 21:34
Instrument: 5253_1.i
Client Sample ID: AR12542G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12542G1 Client Sample ID: AR12542G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:34
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r171.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.789			421	1112			
	2	0.913			253	108			
	3	0.942			374	510			
	4	1.068			712	135			
	5	4.212			249	192			
	6	4.232			252	143			
$	7	5.437	5.442	-0.005	15108	5884	0.01099125		Tetrachloro-m-xylene
	8	5.941			229	99			
	9	7.681			246	131			
	10	7.712			209	111			
	11	7.933			306	115			
	12	8.448			5372	2501			
	13	8.556			1630	768			
	14	8.627			472	131			
	15	8.942			3539	1579			
	16	9.031			418	167			
	17	9.243			1876	695			
	18	9.450			305	129			
	19	9.804			1536	689			
	20	9.895			5222	2325			
	21	10.013			10322	4117			
	22	10.181			1660	757			
	23	10.443			3443	1451			
	24	10.591			13742	5212			
	25	10.740	10.740	0.000	4807	2117	0.21735392		Aroclor-1254
	26	10.917			213	101			
	27	11.046			858	393			
	28	11.179	11.180	-0.001	4254	1883	0.21275033		Aroclor-1254
	29	11.305	11.304	0.001	8478	3773	0.20587814		Aroclor-1254
	30	11.411	11.411	0.001	2780	1381	0.21210667		Aroclor-1254
	31	11.480			936	531			
	32	11.538			14316	7275			
	33	11.797			3212	1696			
	34	11.897			2044	980			
	35	11.979			1078	601			
	36	12.048			4276	2814			
	37	12.081	12.080	0.001	9279	5160	0.20721539		Aroclor-1254
	38	12.263			816	446			
	39	12.303			362	244			
	40	12.342			335	217			
	41	12.389			924	595			
	42	12.495			3609	2295			
	43	12.580			5696	2467			
	44	12.724			1332	892			
	45	12.843			707	445			
	46	12.885			621	426			
	47	12.972			6647	4205			
	48	13.014			1283	851			
	49	13.105			805	532			
	50	13.231			480	246			
	51	13.267			265	190			
	52	13.309			422	273			
	53	13.402			3118	2178			
	54	13.582			710	484			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	13.659			461	328			
56	13.730			2344	1633			
57	13.810			556	410			
58	13.863			214	158			
59	13.949			1555	1227			
60	14.333			1967	1373			
61	15.557			542	316			
62	15.716			321	91			
$ 63	15.982	15.981	0.001	36637	24290	0.01948031		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

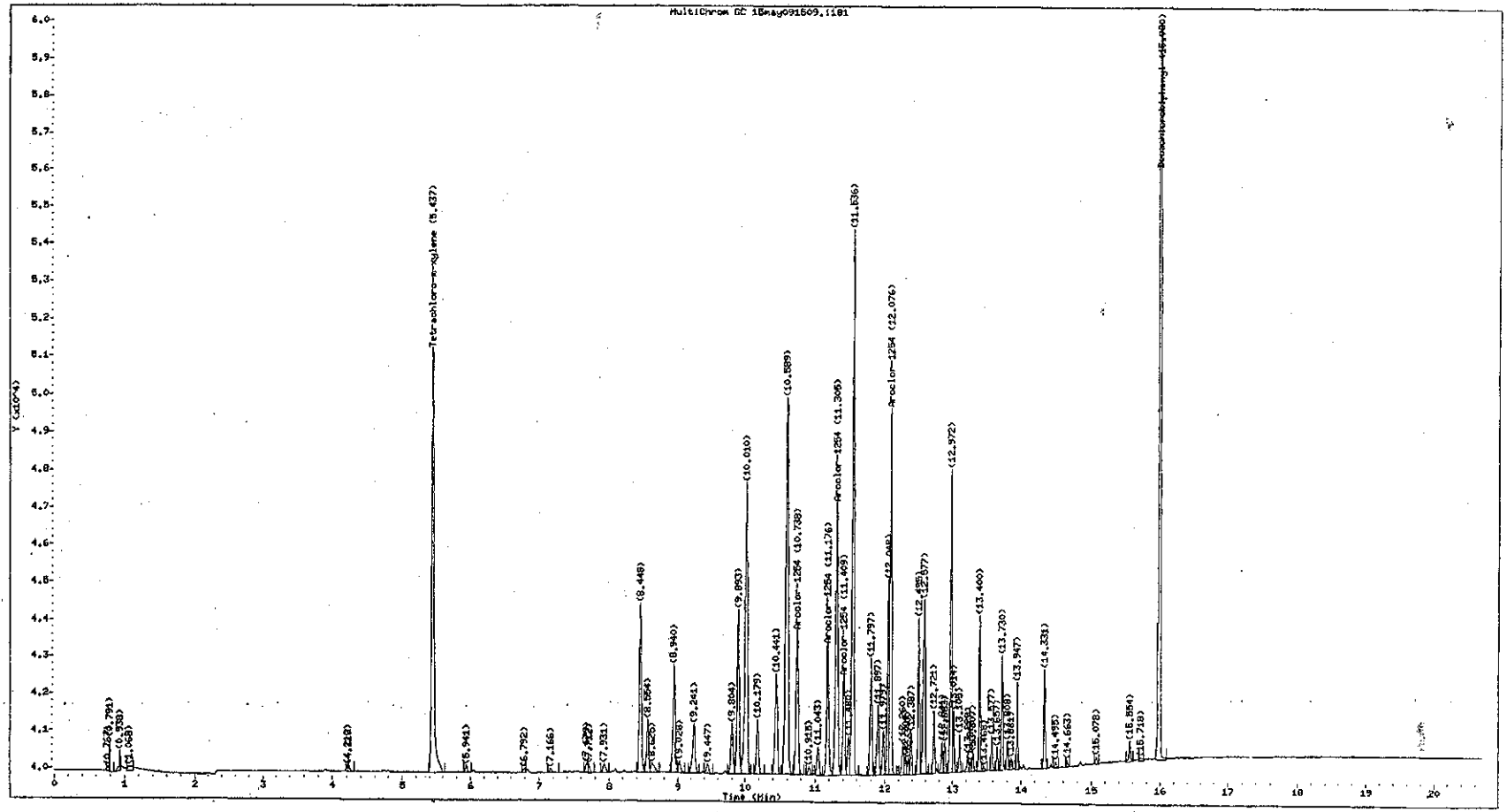
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.437	5.442	0.0100	Tetrachloro-m-xylene
10.740	10.740	0.2000	Aroclor-1254
15.982	15.981	0.0200	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G1	Client Sample ID: AR12543G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:57
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r181.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:34 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G1 Client Sample ID: AR12543G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r181.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:34 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 21:57
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.767			236	138			
	2	0.791			323	904			
	3	0.938			550	548			
	4	1.068			540	121			
	5	4.212			230	174			
	6	4.229			268	162			
$	7	5.437	5.442	-0.005	28073	11307	0.02112135		Tetrachloro-m-xylene
	8	5.941			403	200			
	9	6.792			243	127			
	10	7.166			277	113			
	11	7.679			479	257			
	12	7.712			441	224			
	13	7.931			632	238			
	14	8.448			9682	4517			
	15	8.554			3015	1421			
	16	8.625			905	250			
	17	8.940			6458	2872			
	18	9.028			756	318			
	19	9.241			3518	1308			
	20	9.447			637	256			
	21	9.804			3269	1347			
	22	9.893			9849	4388			
	23	10.010			19540	7780			
	24	10.179			3263	1444			
	25	10.441			6461	2673			
	26	10.589			25941	10045			
	27	10.738	10.740	-0.003	8950	3854	0.39569296		Aroclor-1254
	28	10.915			508	218			
	29	11.043			1796	774			
	30	11.176	11.180	-0.003	8127	3528	0.39861029		Aroclor-1254
	31	11.305	11.304	0.001	16448	7310	0.39887867		Aroclor-1254
	32	11.409	11.411	-0.002	5365	2640	0.40547545		Aroclor-1254
	33	11.480			1855	1023			
	34	11.536			27842	14491			
	35	11.797			5920	3110			
	36	11.897			3857	1839			
	37	11.979			2096	1167			
	38	12.048			7870	5180			
	39	12.076	12.080	-0.003	17640	9779	0.39270530		Aroclor-1254
	40	12.260			1555	853			
	41	12.300			778	494			
	42	12.340			694	438			
	43	12.387			1805	1138			
	44	12.495			6512	4163			
	45	12.577			10646	4650			
	46	12.721			2532	1660			
	47	12.841			1364	849			
	48	12.883			1172	821			
	49	12.972			12512	8085			
	50	13.014			2387	1624			
	51	13.105			1492	1005			
	52	13.229			870	469			
	53	13.267			383	269			
	54	13.307			751	508			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.400			5863	4151			
	56	13.468			218	122			
	57	13.577			1328	915			
	58	13.657			818	613			
	59	13.730			4382	3051			
	60	13.808			1045	772			
	61	13.861			383	299			
	62	13.947			2954	2295			
	63	14.331			3690	2635			
	64	14.495			265	184			
	65	14.663			218	187			
	66	15.078			279	209			
	67	15.554			938	555			
	68	15.718			268	89			
$	69	15.980	15.981	-0.001	74288	51231	0.04108670		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

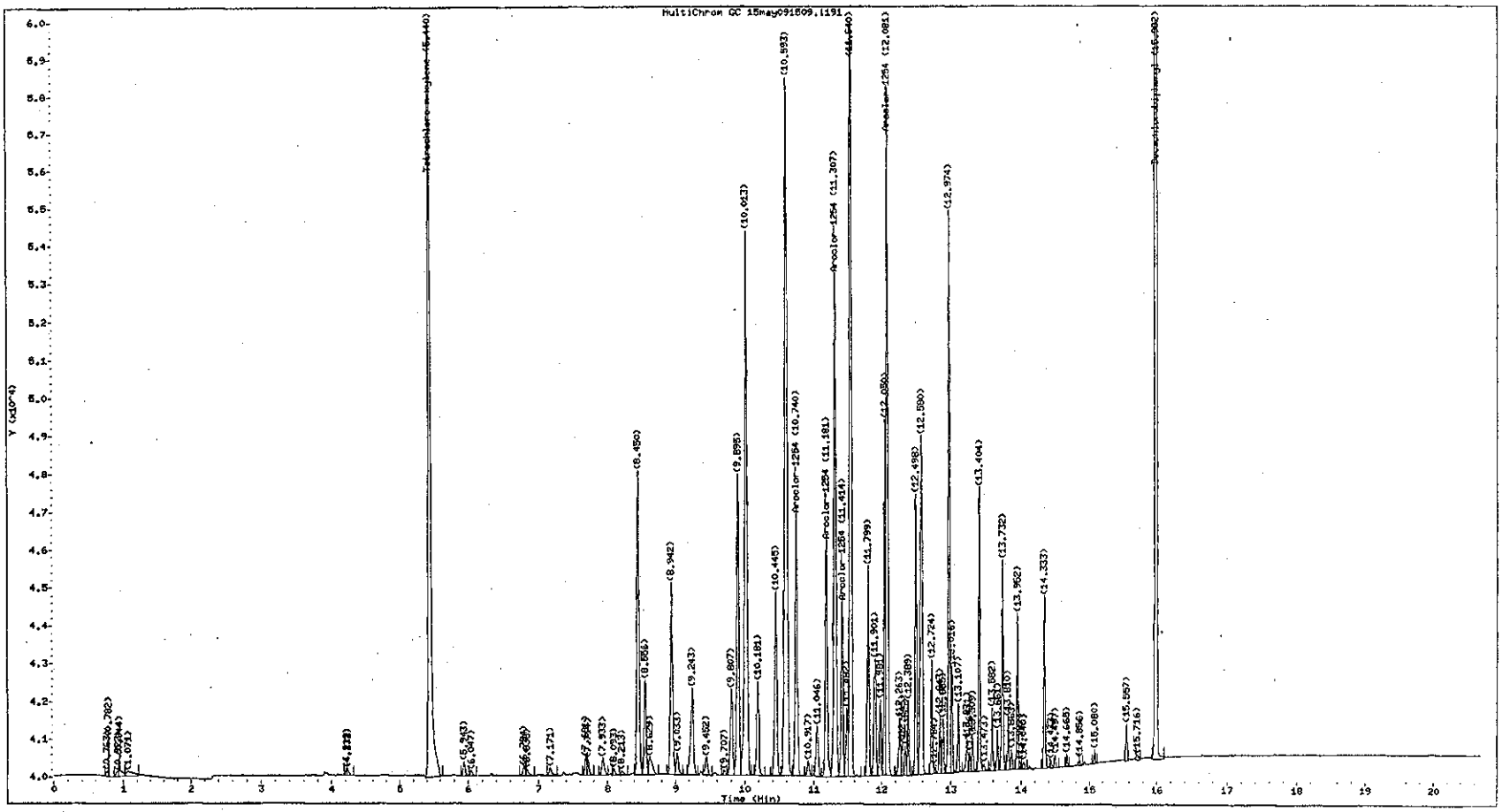
Target Compounds

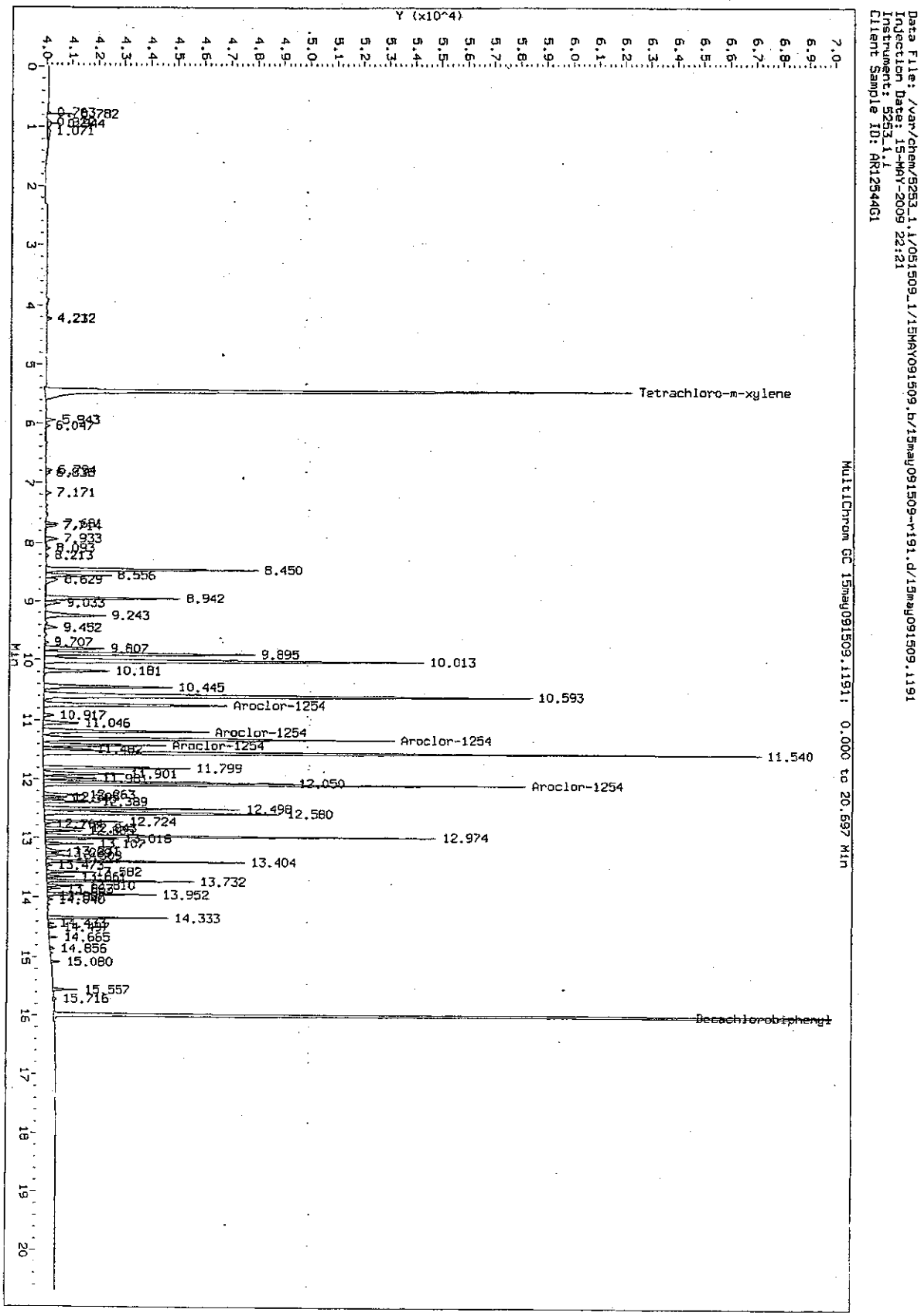
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.437	5.442	0.0200	Tetrachloro-m-xylene
10.738	10.740	0.4000	Aroclor-1254
15.980	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12544G1	Client Sample ID: AR12544G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 15-MAY-2009 22:21
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r191.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		




Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r191.d/15may091509.1191
Injection Date: 15-MAY-2009 22:21
Instrument: 5253_1.i
Client Sample ID: AR12544G1
MultiChrom GC 15may091509.1191: 0.000 to 20.697 Min
Y (x10^4)
Min
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1254
4.232
5.943
6.047
7.171
7.933
8.053
8.213
8.450
8.556
8.629
8.942
9.033
9.243
9.452
9.707
9.807
9.895
10.013
10.181
10.445
10.593
10.917
11.046
11.540
11.799
11.901
12.050
12.498
12.580
12.724
12.974
13.404
13.732
13.952
14.333
14.665
14.856
15.080
15.557
15.716

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12544G1 Client Sample ID: AR12544G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r191.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:35 jb

Sample Type : CALIB_4
Injection Date : 15-MAY-2009 22:21
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.763			217	148			
	2	0.782			375	1043			
	3	0.922			299	142			
	4	0.944			841	532			
	5	1.071			1012	127			
	6	4.212			243	193			
	7	4.232			342	186			
$	8	5.440	5.442	-0.003	54895	22286	0.04163001		Tetrachloro-m-xylene
	9	5.943			841	385			
	10	6.047			355	150			
	11	6.794			533	252			
	12	6.838			429	176			
	13	7.171			550	220			
	14	7.681			907	491			
	15	7.714			875	431			
	16	7.933			1305	465			
	17	8.093			378	176			
	18	8.213			293	116			
	19	8.450			17434	8019			
	20	8.556			5425	2491			
	21	8.629			1744	470			
	22	8.942			11365	5064			
	23	9.033			1415	578			
	24	9.243			6402	2286			
	25	9.452			1238	479			
	26	9.707			262	137			
	27	9.807			5228	2261			
	28	9.895			17543	7937			
	29	10.013			35696	14339			
	30	10.181			5798	2480			
	31	10.445			11510	4840			
	32	10.593			47434	18454			
	33	10.740	10.740	0.000	15865	6908	0.70924935		Aroclor-1254
	34	10.917			924	398			
	35	11.046			3100	1346			
	36	11.181	11.180	0.001	14194	6254	0.70660678		Aroclor-1254
	37	11.307	11.304	0.003	29852	13259	0.72349278		Aroclor-1254
	38	11.414	11.411	0.003	9508	4630	0.71111794		Aroclor-1254
	39	11.482			3386	1801			
	40	11.540			51542	27212			
	41	11.799			10523	5527			
	42	11.901			6766	3075			
	43	11.981			3771	1993			
	44	12.050			14849	9375			
	45	12.081	12.080	0.001	31218	18218	0.73159884		Aroclor-1254
	46	12.263			2804	1506			
	47	12.305			1411	893			
	48	12.345			1274	793			
	49	12.389			3161	1970			
	50	12.498			11546	7392			
	51	12.580			19320	8910			
	52	12.724			4521	2994			
	53	12.764			326	242			
	54	12.843			2304	1523			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.885			2108	1419			
	56	12.974			22752	14781			
	57	13.016			3969	2793			
	58	13.107			2621	1810			
	59	13.231			1537	848			
	60	13.269			732	524			
	61	13.309			1348	903			
	62	13.404			10506	7469			
	63	13.473			369	211			
	64	13.582			2353	1634			
	65	13.661			1451	1067			
	66	13.732			7904	5526			
	67	13.810			1869	1378			
	68	13.863			690	541			
	69	13.952			5246	4107			
	70	13.987			262	228			
	71	14.040			331	215			
	72	14.333			6550	4533			
	73	14.433			312	226			
	74	14.497			478	343			
	75	14.665			403	338			
	76	14.856			254	194			
	77	15.080			473	363			
	78	15.557			1458	970			
	79	15.716			363	145			
$	80	15.982	15.981	0.001	146353	101706	0.08156709		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

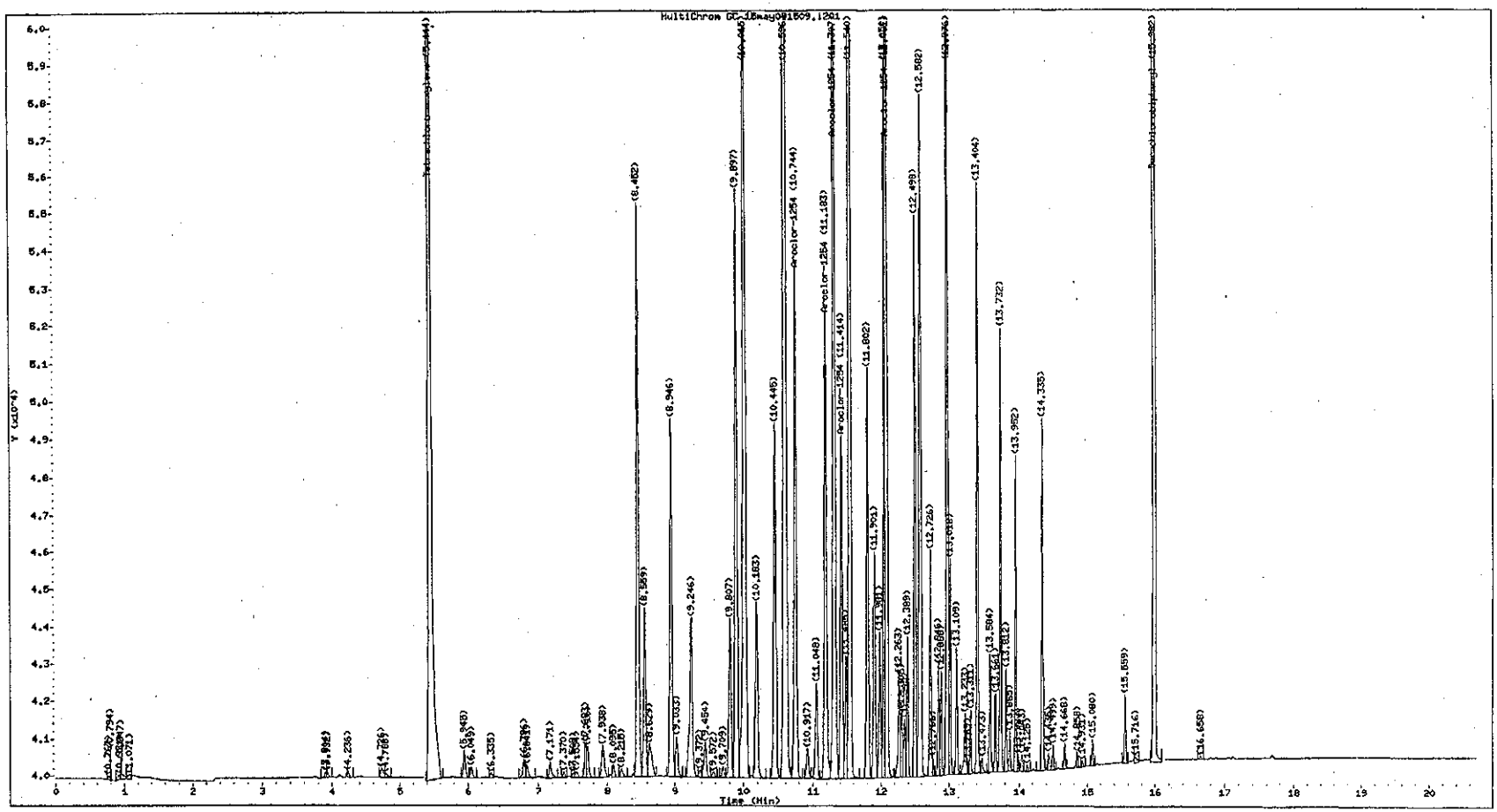
Target Compounds

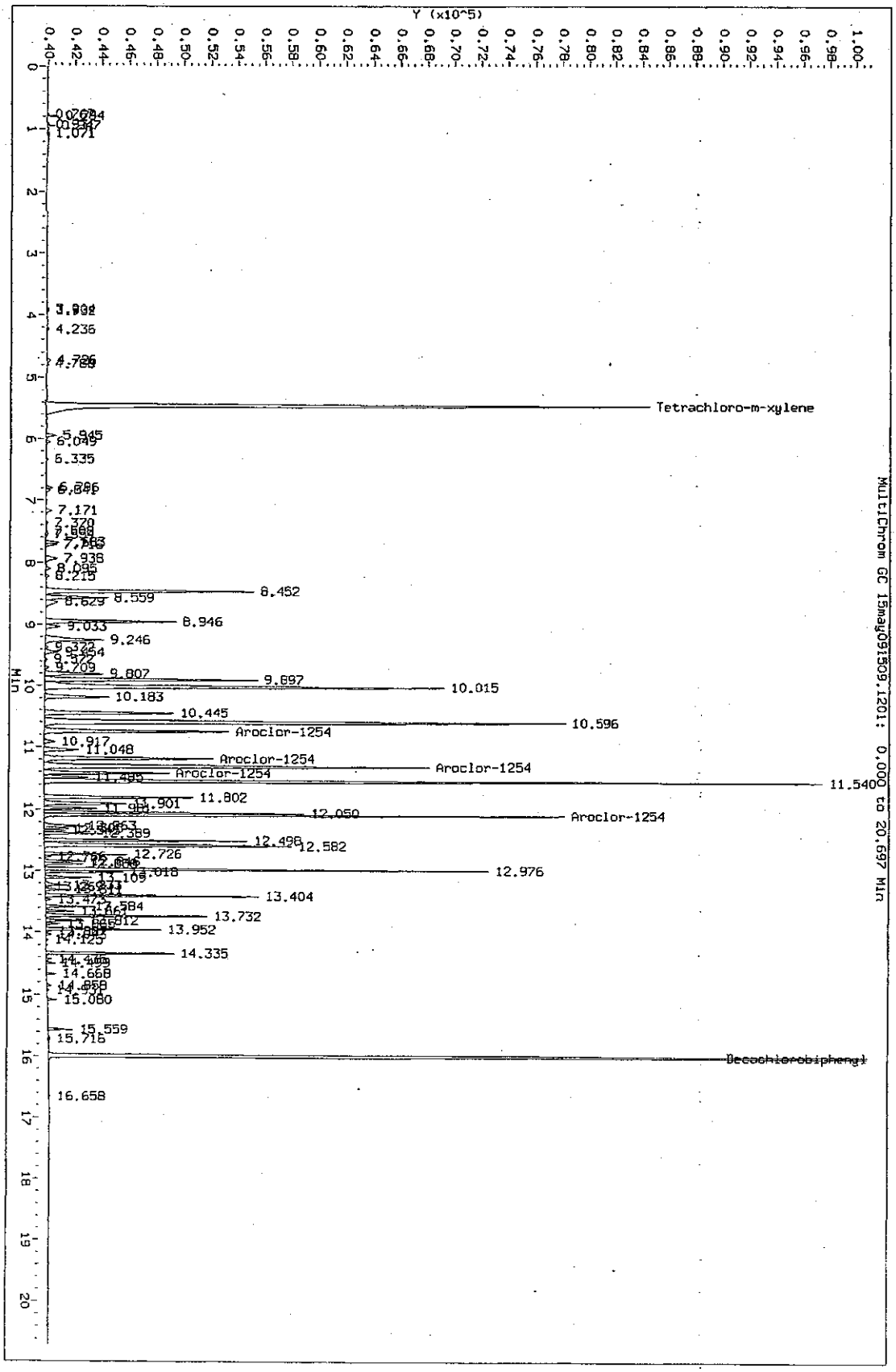
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.440	5.442	0.0400	Tetrachloro-m-xylene
10.740	10.740	0.8000	Aroclor-1254
15.982	15.981	0.0800	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12545G1	Client Sample ID: AR12545G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 22:45
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r201.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		




Data File: /var/chem/5253_1.1/051509_1/15MAY091509.b/15may091509-r201.d/15may091509.1201
Injection Date: 15-MAY-2009 22:45
Instrument: 5253_1.1
Client Sample ID: AR125456G1
MultiChrom GC 15may091509.1201: 0.000 to 20.697 Min
Y (x10^5)
Min
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1254
4.236
5.945
6.049
6.335
7.171
7.938
8.452
8.559
8.946
9.246
9.807
9.897
10.015
10.183
10.445
10.596
10.917
11.048
11.540
11.802
12.050
12.498
12.582
12.726
12.976
13.404
13.732
13.952
14.335
14.668
15.080
15.559
15.716
16.658

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12545G1 Client Sample ID: AR12545G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 22:45
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r201.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.767			209	115			
	2	0.794			288	843			
	3	0.931			246	121			
	4	0.947			642	502			
	5	1.071			418	125			
	6	3.904			308	168			
	7	3.932			288	148			
	8	4.236			274	154			
	9	4.726			696	260			
	10	4.788			336	109			
$	11	5.444	5.442	0.002	109104	44663	0.08343000	A	Tetrachloro-m-xylene
	12	5.945			1605	723			
	13	6.049			669	300			
	14	6.335			293	134			
	15	6.796			1054	489			
	16	6.841			866	345			
	17	7.171			1080	426			
	18	7.370			297	157			
	19	7.508			238	124			
	20	7.554			446	155			
	21	7.683			1772	928			
	22	7.716			1677	823			
	23	7.938			2399	844			
	24	8.095			728	342			
	25	8.215			577	228			
	26	8.452			32915	15265			
	27	8.559			9919	4513			
	28	8.629			3232	878			
	29	8.946			21246	9538			
	30	9.033			2638	1071			
	31	9.246			12039	4262			
	32	9.372			437	204			
	33	9.454			2478	940			
	34	9.572			362	149			
	35	9.709			650	296			
	36	9.807			9699	4242			
	37	9.897			34266	15640			
	38	10.015			70900	29442			
	39	10.183			10897	4677			
	40	10.445			22241	9441			
	41	10.596			96095	38381			
	42	10.744	10.740	0.004	30858	13559	1.39211232	M	Aroclor-1254
	43	10.917			1893	793			
	44	11.048			5822	2546			
	45	11.183	11.180	0.003	27259	12386	1.39942943	M	Aroclor-1254
	46	11.307	11.304	0.003	60443	28349	1.54689621	M	Aroclor-1254
	47	11.414	11.411	0.003	18469	9139	1.40365158	M	Aroclor-1254
	48	11.485			6439	3262			
	49	11.540			106963	57683			
	50	11.802			20450	10892			
	51	11.901			13086	6022			
	52	11.981			7315	3882			
	53	12.050			29384	19162			
	54	12.081	12.080	0.001	67023	38317	1.53873492	M	Aroclor-1254

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.263			5347	2742			
	56	12.305			2931	1788			
	57	12.345			2609	1547			
	58	12.389			6107	3740			
	59	12.498			23169	14907			
	60	12.582			39729	18171			
	61	12.726			9058	6017			
	62	12.766			681	491			
	63	12.846			4438	2952			
	64	12.888			4179	2763			
	65	12.976			49026	32688			
	66	13.018			8452	5734			
	67	13.109			4994	3368			
	68	13.233			2990	1595			
	69	13.269			327	245			
	70	13.311			2378	1684			
	71	13.404			21373	15685			
	72	13.473			659	405			
	73	13.584			4546	3133			
	74	13.661			2733	2070			
	75	13.732			16215	11793			
	76	13.812			3608	2735			
	77	13.865			1354	1052			
	78	13.952			10568	8408			
	79	13.987			514	450			
	80	14.043			669	430			
	81	14.125			234	181			
	82	14.335			13138	9352			
	83	14.435			644	448			
	84	14.499			958	668			
	85	14.668			820	681			
	86	14.858			506	392			
	87	14.931			223	164			
	88	15.080			912	709			
	89	15.559			2712	1817			
	90	15.716			407	150			
$	91	15.982	15.981	0.001	309400	212258	0.17022857	A	Decachlorobiphenyl
	92	16.658			201	92			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0800	Tetrachloro-m-xylene
10.744	10.740	1.6000	Aroclor-1254
15.982	15.981	0.1600	Decachlorobiphenyl

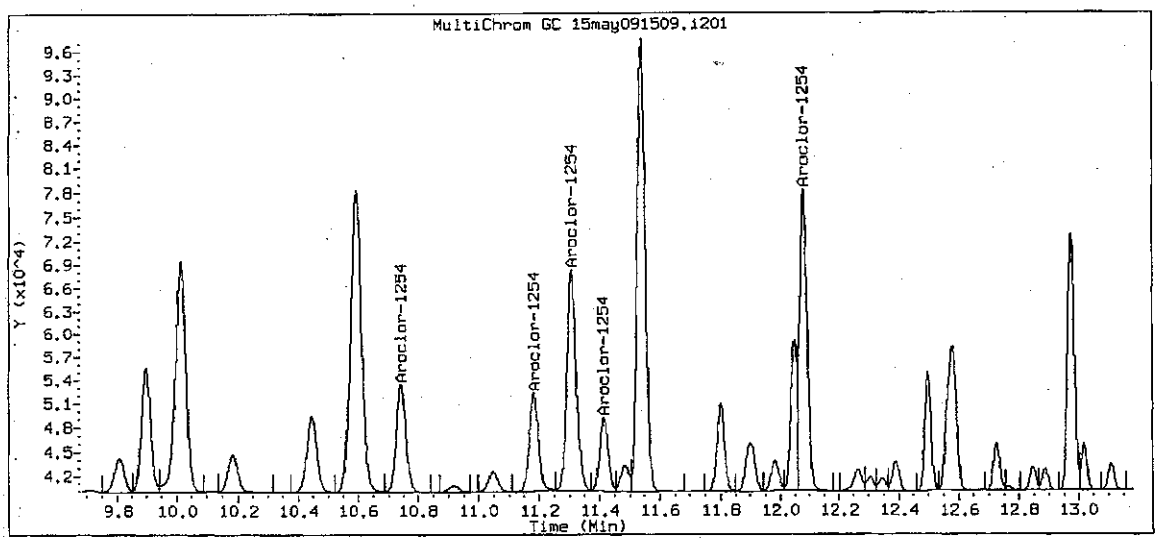
Reported: 05/18/2009 11:35 jb 15may091509-r201.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r201.d
Client Sample ID: AR12545G1
Compound Name: Aroclor-1254

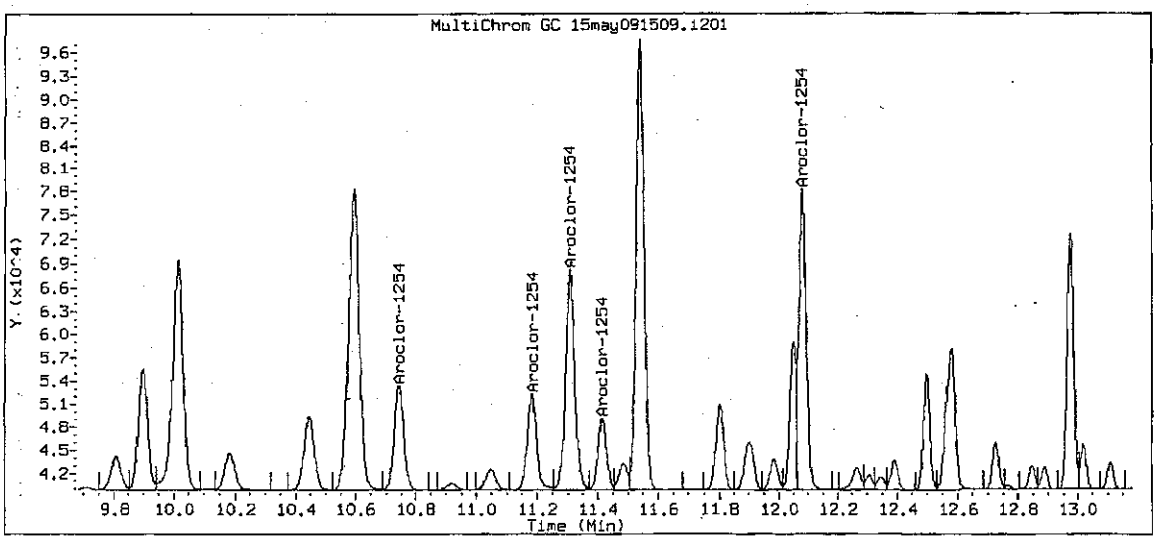
Inj. Date and Time: 15-MAY-2009 22:45
Instrument ID: 5253_1.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:35



Original Integration:

RT = 10.7442 Height = 13529
RT = 11.1831 Height = 12346
RT = 11.3072 Height = 28272
RT = 11.4136 Height = 9073
RT = 12.0808 Height = 38282



Final Integration:

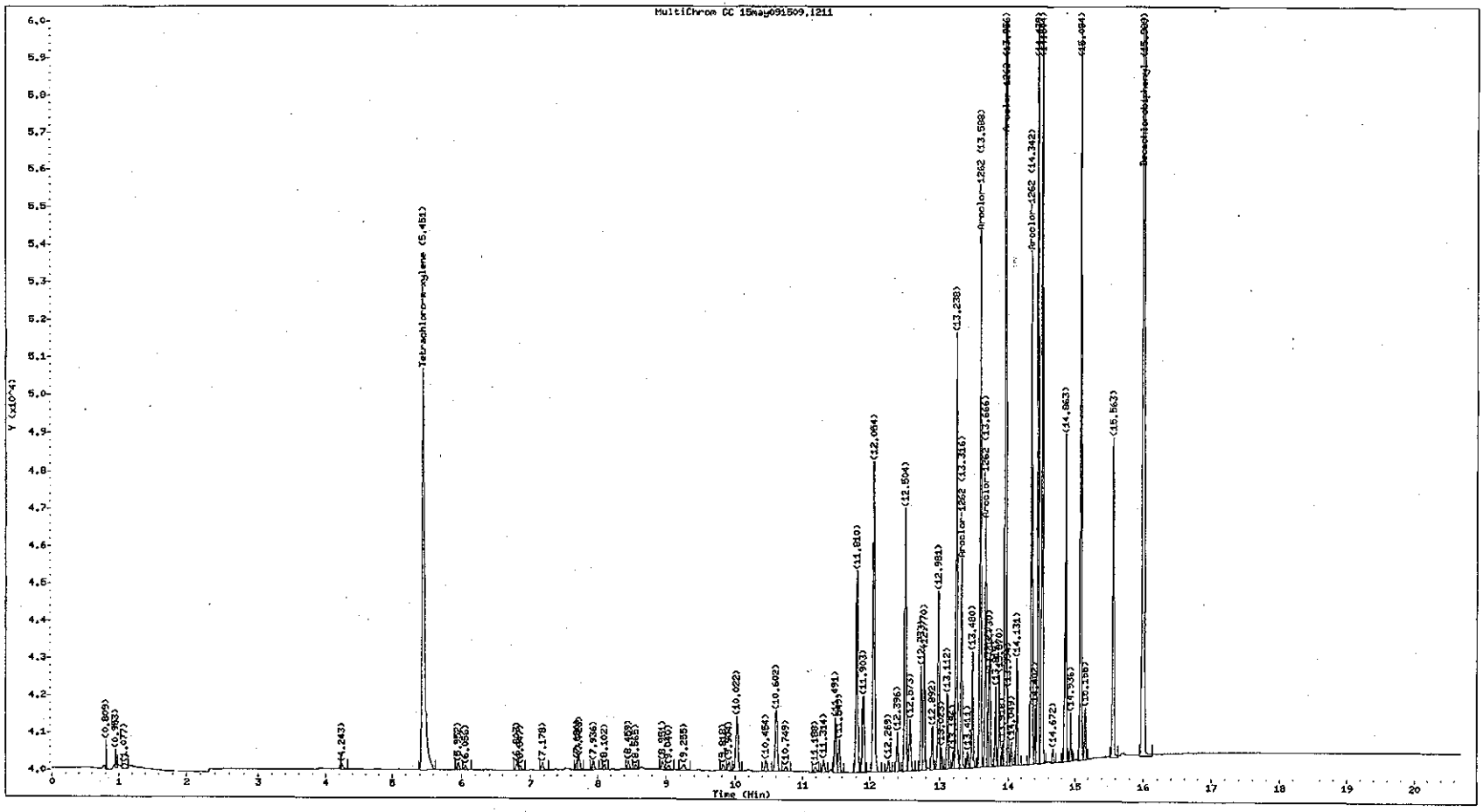
RT = 10.7442 Height = 13559
RT = 11.1831 Height = 12386
RT = 11.3072 Height = 28349
RT = 11.4136 Height = 9139
RT = 12.0808 Height = 38317

Manual Integration Reason: MI1 - Poor automated baseline

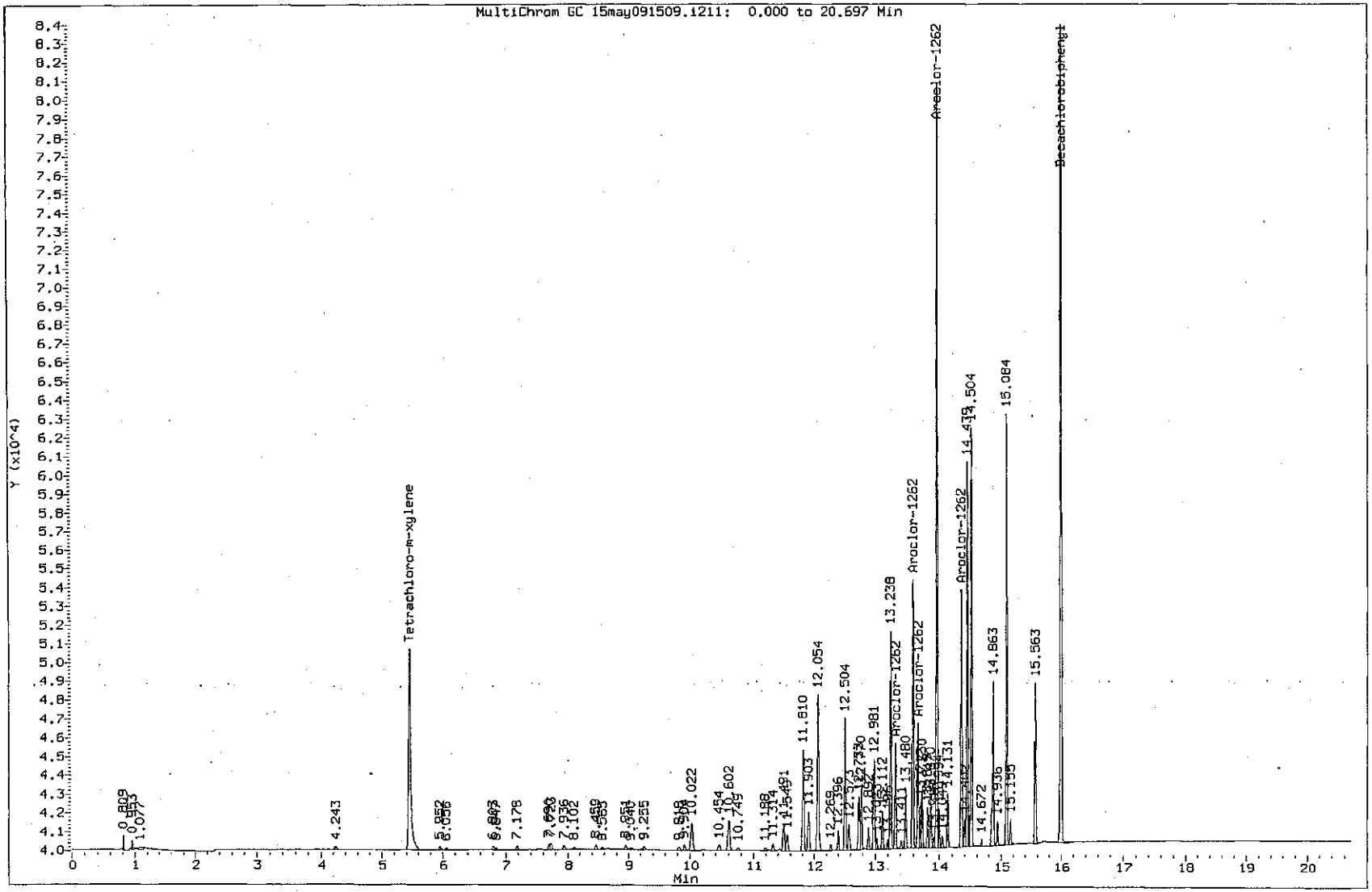
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12623G1	Client Sample ID: AR12623G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:09
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1262STD
Data File	: 15may091509-r211.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r211.d/15may091509.1211
Injection Date: 15-MAY-2009 23:09
Instrument: 5253_1.i
Client Sample ID: AR12623G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12623G1 Client Sample ID: AR12623G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:09
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1262STD
Data File	: 15may091509-r211.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.809			273	790			
	2	0.953			358	496			
	3	1.077			547	127			
	4	4.243			328	163			
$	5	5.451	5.442	0.008	28033	10671	0.01993331		Tetrachloro-m-xylene
	6	5.952			439	201			
	7	6.056			298	130			
	8	6.803			387	202			
	9	6.847			274	125			
	10	7.178			422	197			
	11	7.690			451	271			
	12	7.723			725	343			
	13	7.936			511	232			
	14	8.102			298	146			
	15	8.459			478	237			
	16	8.565			254	123			
	17	8.951			512	227			
	18	9.040			352	116			
	19	9.255			529	167			
	20	9.818			401	168			
	21	9.904			539	251			
	22	10.022			3527	1449			
	23	10.454			687	286			
	24	10.602			3795	1615			
	25	10.749			340	142			
	26	11.188			416	147			
	27	11.314			728	331			
	28	11.491			2902	1460			
	29	11.549			1656	869			
	30	11.810			9846	5367			
	31	11.903			4169	2028			
	32	12.054			14940	8261			
	33	12.269			581	314			
	34	12.396			1590	1032			
	35	12.504			10885	6996			
	36	12.573			2402	1365			
	37	12.733			4123	2765			
	38	12.770			4929	3179			
	39	12.892			1736	1143			
	40	12.981			7882	4752			
	41	13.023			843	578			
	42	13.112			2855	1989			
	43	13.196			655	471			
	44	13.238			16237	11531			
	45	13.316	13.316	0.000	7609	5588	0.40000000		Aroclor-1262
	46	13.411			646	424			
	47	13.480			4261	3087			
	48	13.588	13.588	0.000	18761	14219	0.40000000		Aroclor-1262
	49	13.666	13.666	0.000	8754	6611	0.40000000		Aroclor-1262
	50	13.712			2522	2412			
	51	13.730			4325	2937			
	52	13.819			2769	2112			
	53	13.870			3143	2453			
	54	13.918			694	571			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.956	13.956	0.000	49216	40648	0.40000000		Aroclor-1262
	56	13.994			2515	2054			
	57	14.049			822	618			
	58	14.131			3608	2832			
	59	14.342	14.342	0.000	20520	13612	0.40000000		Aroclor-1262
	60	14.402			1714	1466			
	61	14.439			24113	20398			
	62	14.504			28027	22229			
	63	14.672			444	371			
	64	14.863			12452	8667			
	65	14.936			1648	1279			
	66	15.084			28507	22855			
	67	15.155			1892	1369			
	68	15.563			12154	8474			
$	69	15.989	15.981	0.008	74598	50694	0.04065603		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

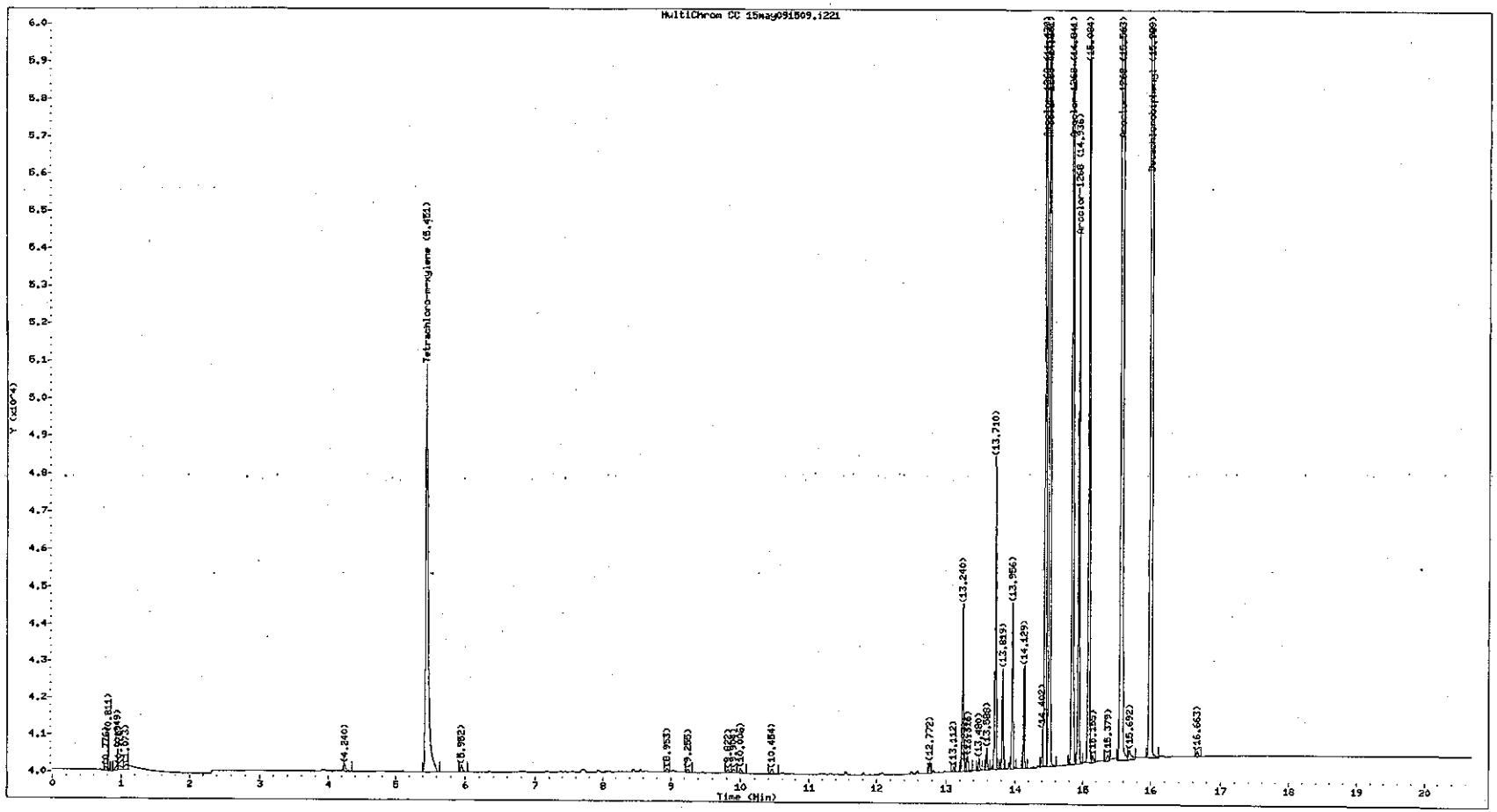
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.451	5.442	0.0200	Tetrachloro-m-xylene
13.316	13.316	0.4000	Aroclor-1262
15.989	15.981	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:35 jb 15may091509-r211.d Page 2

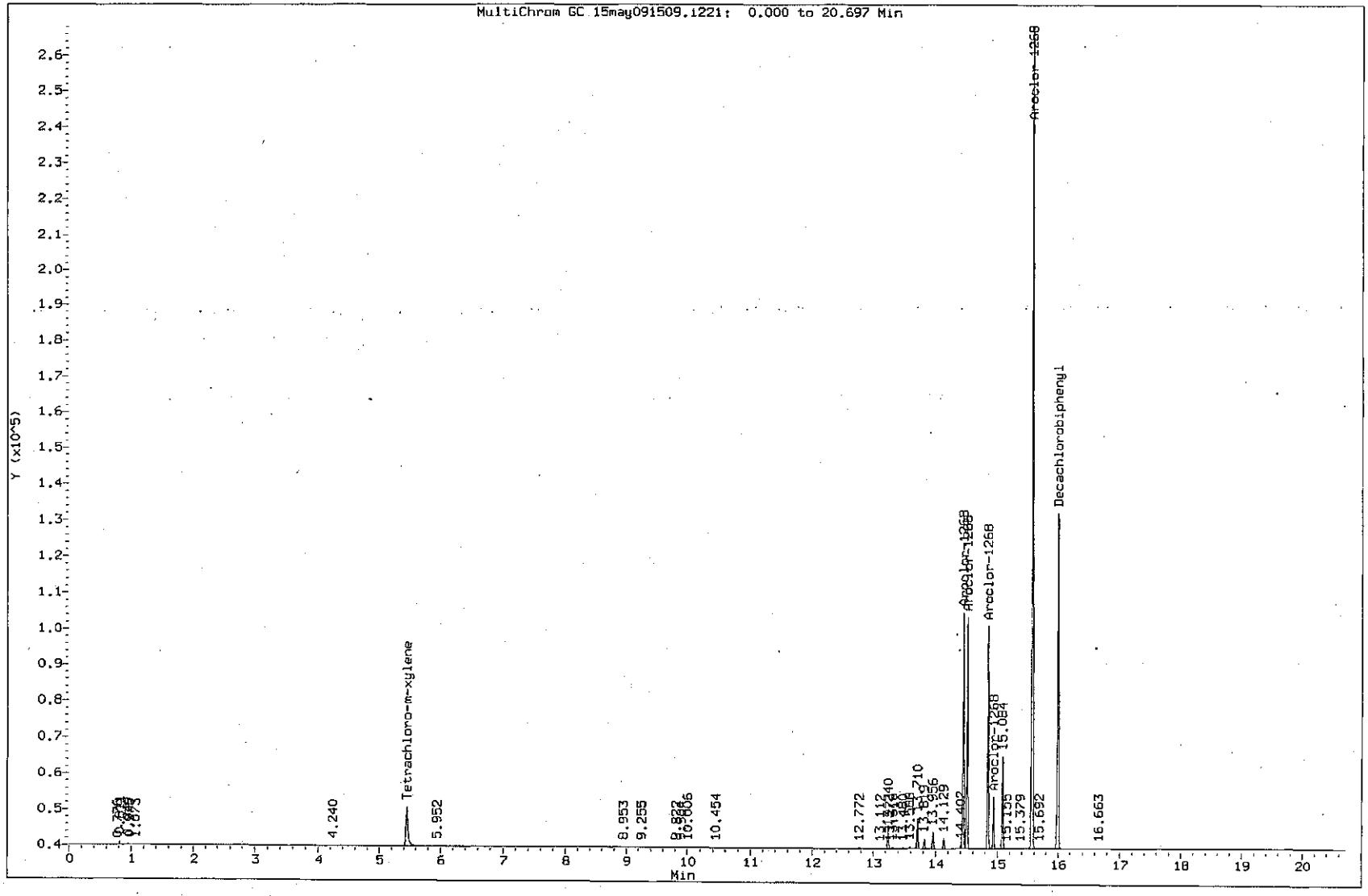
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12683G1	Client Sample ID: AR12683G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:33
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1268STD
Data File	: 15may091509-r221.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r221.d/15may091509.1221
Injection Date: 15-MAY-2009 23:33
Instrument: 5253_1.i
Client Sample ID: AR1268361



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12683G1 Client Sample ID: AR12683G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:33
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1268STD
Data File	: 15may091509-r221.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.776			200	98			
	2	0.811			368	1008			
	3	0.949			434	540			
	4	0.975			373	104			
	5	1.073			465	131			
	6	4.240			366	187			
$	7	5.451	5.442	0.008	27626	10915	0.02038910		Tetrachloro-m-xylene
	8	5.952			385	177			
	9	8.953			238	96			
	10	9.255			230	85			
	11	9.822			252	103			
	12	9.904			261	123			
	13	10.006			338	134			
	14	10.454			345	130			
	15	12.772			428	290			
	16	13.112			204	143			
	17	13.240			6354	4493			
	18	13.273			268	229			
	19	13.316			621	386			
	20	13.480			453	315			
	21	13.588			803	575			
	22	13.710			10883	8332			
	23	13.819			3493	2694			
	24	13.956			5719	4448			
	25	14.129			3526	2758			
	26	14.402			1053	981			
	27	14.439	14.439	0.000	74124	64924	0.40000000		Aroclor-1268
	28	14.501	14.501	0.000	73993	63580	0.40000000		Aroclor-1268
	29	14.841	14.841	0.000	71083	61222	0.40000000		Aroclor-1268
	30	14.936	14.936	0.000	17434	14094	0.40000000		Aroclor-1268
	31	15.084			31616	25292			
	32	15.155			328	189			
	33	15.379			384	167			
	34	15.563	15.563	0.000	304163	228176	0.40000000		Aroclor-1268
	35	15.692			766	260			
$	36	15.989	15.981	0.008	135831	92147	0.07390087		Decachlorobiphenyl
	37	16.663			267	135			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

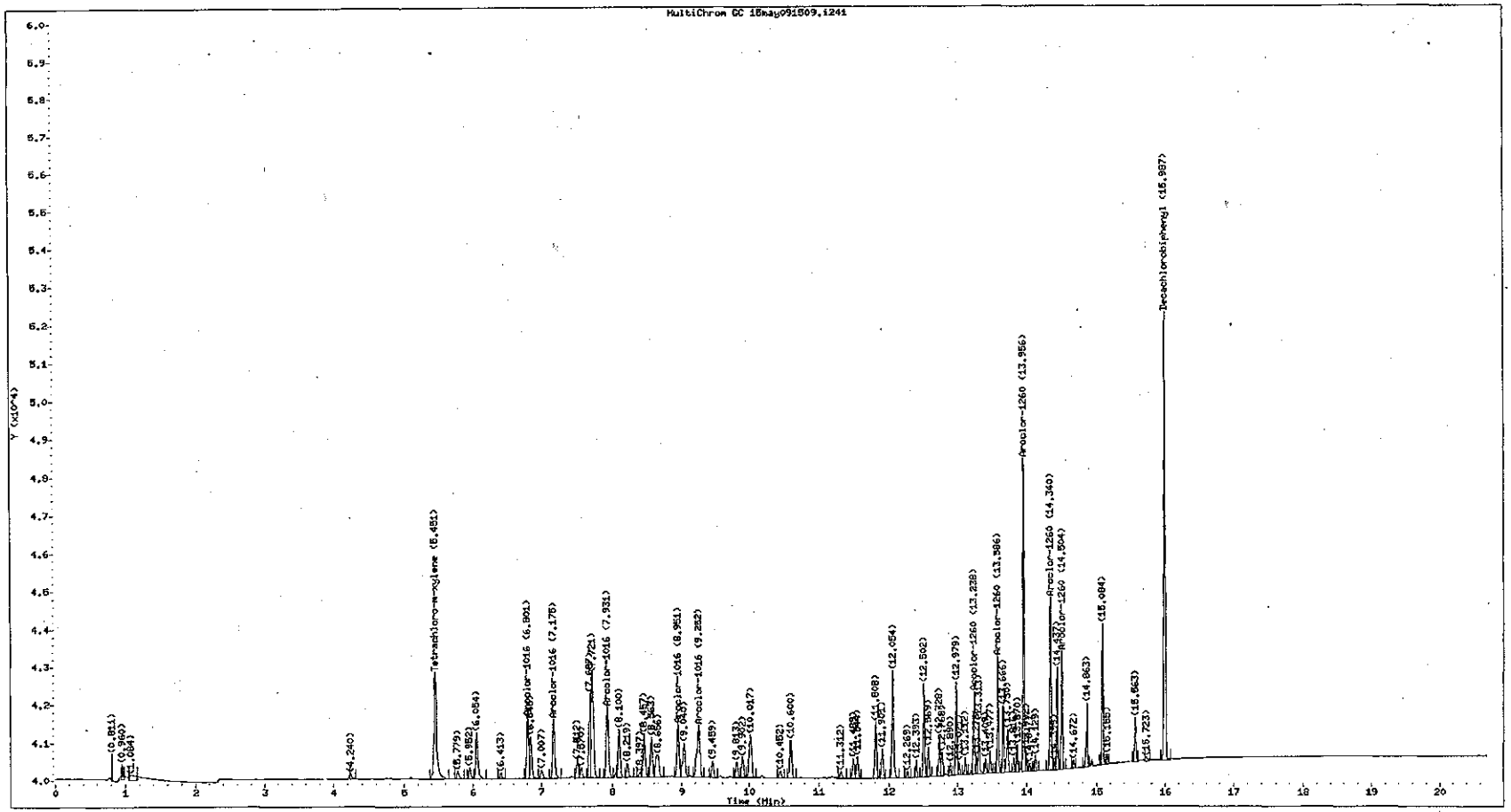
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.451	5.442	0.0200	Tetrachloro-m-xylene
14.439	14.439	0.4000	Aroclor-1268
15.989	15.981	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:35 jb 15may091509-r221.d Page 1

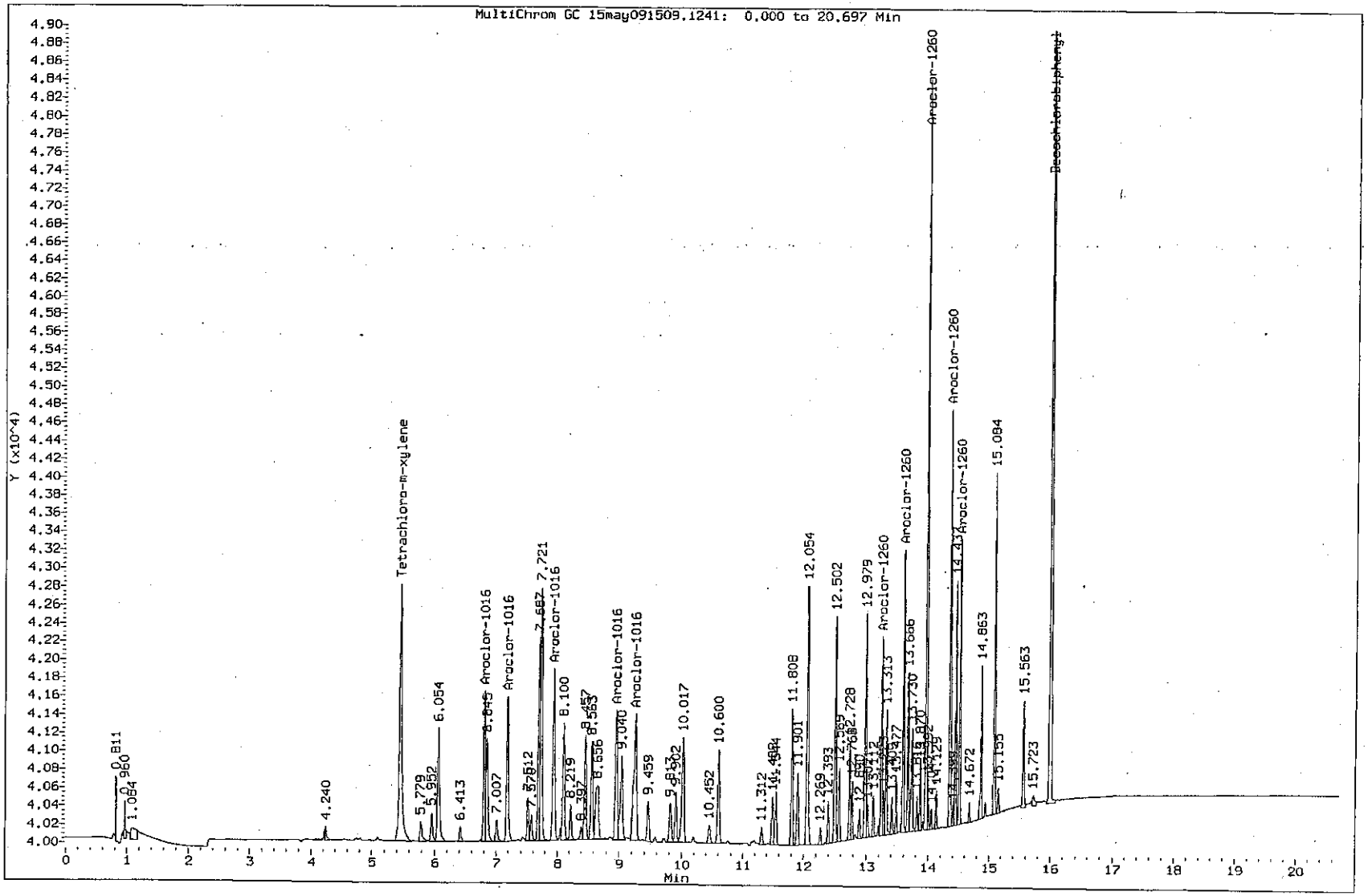
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16601G1	Client Sample ID: AR16601G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 16-MAY-2009 00:20
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r241.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r241.d/15may091509.1241
Injection Date: 16-MAY-2009 00:20
Instrument: 5253_1.i
Client Sample ID: AR16601G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16601G1 Client Sample ID: AR16601G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r241.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:35 jb

Sample Type : CALIB_1
Injection Date : 16-MAY-2009 00:20
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.811			253	710			
	2	0.960			338	407			
	3	1.084			749	128			
	4	4.240			284	148			
$	5	5.451	5.442	0.008	7640	2807	0.00524345		Tetrachloro-m-xylene
	6	5.779			539	214			
	7	5.952			652	311			
	8	6.054			2907	1239			
	9	6.413			325	161			
	10	6.801	6.794	0.007	3261	1641	0.11810854		Aroclor-1016
	11	6.845			2510	1122			
	12	7.007			576	238			
	13	7.175	7.169	0.006	3582	1574	0.11629002		Aroclor-1016
	14	7.512			912	470			
	15	7.570			603	291			
	16	7.687			3818	2215			
	17	7.721			6134	2762			
	18	7.931	7.924	0.008	4278	1871	0.11280598		Aroclor-1016
	19	8.100			2779	1274			
	20	8.219			792	383			
	21	8.397			276	137			
	22	8.457			2428	1134			
	23	8.563			2270	1064			
	24	8.656			2132	585			
	25	8.951	8.942	0.009	3137	1409	0.11618942		Aroclor-1016
	26	9.040			2472	909			
	27	9.252	9.244	0.008	4373	1379	0.11342559		Aroclor-1016
	28	9.459			941	438			
	29	9.813			978	419			
	30	9.902			1177	545			
	31	10.017			3040	1138			
	32	10.452			467	201			
	33	10.600			2335	1011			
	34	11.312			398	186			
	35	11.489			987	519			
	36	11.544			1098	578			
	37	11.808			2684	1484			
	38	11.901			1549	778			
	39	12.054			5250	2828			
	40	12.269			314	184			
	41	12.393			676	455			
	42	12.502			3903	2464			
	43	12.569			1261	790			
	44	12.728			1593	1071			
	45	12.768			932	629			
	46	12.890			474	322			
	47	12.979			3975	2442			
	48	13.021			500	351			
	49	13.112			627	441			
	50	13.238	13.230	0.008	3049	2158	0.10828713		Aroclor-1260
	51	13.273			645	482			
	52	13.313			1951	1353			
	53	13.409			592	397			
	54	13.477			812	589			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.586	13.578	0.008	4176	3078	0.10287949		Aroclor-1260
	56	13.666			2328	1735			
	57	13.730			2046	1124			
	58	13.816			511	378			
	59	13.870			918	718			
	60	13.956	13.949	0.007	10313	8238	0.09443890		Aroclor-1260
	61	13.992			659	549			
	62	14.047			306	216			
	63	14.129			522	405			
	64	14.340	14.332	0.008	6718	4556	0.09876891		Aroclor-1260
	65	14.399			258	217			
	66	14.437			3288	2668			
	67	14.504	14.494	0.009	4182	3102	0.10160373		Aroclor-1260
	68	14.672			258	215			
	69	14.863			2248	1661			
	70	15.084			4841	3728			
	71	15.155			364	270			
	72	15.563			1712	1164			
	73	15.723			311	115			
$	74	15.987	15.981	0.006	18095	11780	0.00944743	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

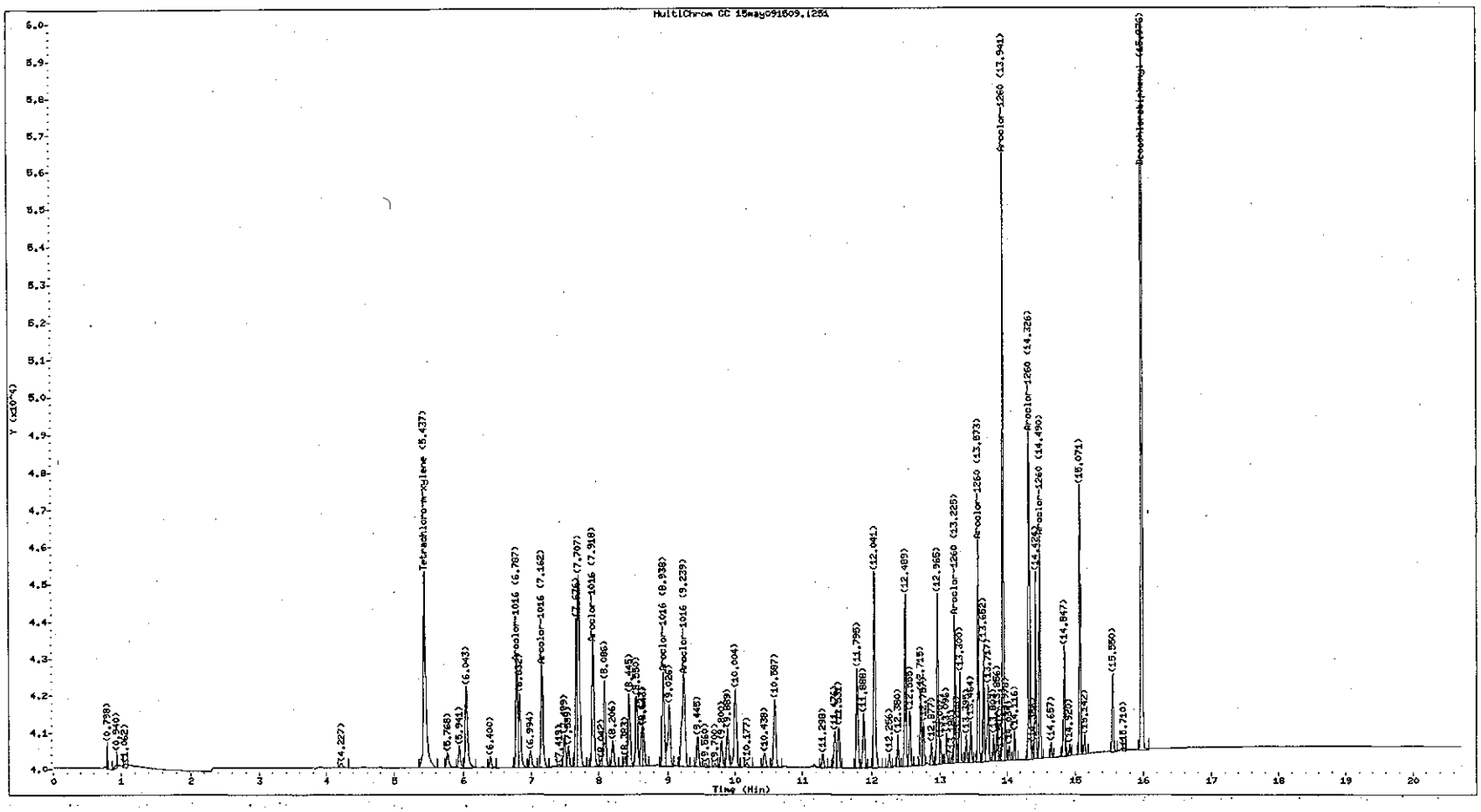
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.451	5.442	0.0050	Tetrachloro-m-xylene
6.801	6.794	0.1000	Aroclor-1016
13.238	13.230	0.1000	Aroclor-1260
15.987	15.981	0.0100	Decachlorobiphenyl

Reported: 05/18/2009 11:36 jb 15may091509-r241.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16602G1	Client Sample ID: AR16602G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 16-MAY-2009 00:45
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r251.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:36 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16602G1 Client Sample ID: AR16602G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r251.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:36 jb

Sample Type : CALIB_2
Injection Date : 16-MAY-2009 00:45
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.798			261	747			
	2	0.940			423	444			
	3	1.062			393	118			
	4	4.227			408	141			
$	5	5.437	5.442	-0.005	14452	5298	0.00989661		Tetrachloro-m-xylene
	6	5.768			1073	411			
	7	5.941			1276	597			
	8	6.043			5421	2218			
	9	6.400			648	310			
	10	6.787	6.794	-0.006	5794	2887	0.20778753		Aroclor-1016
	11	6.832			4654	2017			
	12	6.994			1113	455			
	13	7.162	7.169	-0.007	6550	2795	0.20649976		Aroclor-1016
	14	7.419			200	82			
	15	7.499			1737	880			
	16	7.559			1181	563			
	17	7.676			6892	4023			
	18	7.707			11473	5175			
	19	7.918	7.924	-0.006	7808	3376	0.20354516		Aroclor-1016
	20	8.042			324	216			
	21	8.086			5191	2334			
	22	8.206			1529	706			
	23	8.383			510	263			
	24	8.445			4423	1964			
	25	8.550			4141	1891			
	26	8.627			1860	1060			
	27	8.643			2095	1079			
	28	8.938	8.942	-0.005	5723	2553	0.21052632		Aroclor-1016
	29	9.026			4597	1674			
	30	9.239	9.244	-0.005	8090	2506	0.20612367		Aroclor-1016
	31	9.445			1823	830			
	32	9.560			232	115			
	33	9.700			209	100			
	34	9.800			1586	708			
	35	9.889			2320	1042			
	36	10.004			5780	2118			
	37	10.177			315	131			
	38	10.438			919	395			
	39	10.587			4438	1846			
	40	11.298			792	382			
	41	11.476			1932	993			
	42	11.531			2121	1110			
	43	11.795			4991	2708			
	44	11.888			2936	1474			
	45	12.041			9743	5279			
	46	12.256			646	370			
	47	12.380			1345	879			
	48	12.489			7205	4633			
	49	12.555			2373	1479			
	50	12.715			3034	1998			
	51	12.757			1758	1159			
	52	12.877			871	601			
	53	12.965			7479	4604			
	54	13.007			965	669			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.096			1177	833			
	56	13.180			308	226			
	57	13.225	13.230	-0.006	5700	4005	0.20096846		Aroclor-1260
	58	13.258			716	583			
	59	13.300			3576	2444			
	60	13.395			1110	761			
	61	13.464			1532	1114			
	62	13.573	13.578	-0.006	7872	5977	0.19977606		Aroclor-1260
	63	13.652			4293	3191			
	64	13.717			3792	2088			
	65	13.803			956	725			
	66	13.856			1721	1355			
	67	13.903			205	180			
	68	13.941	13.949	-0.009	20351	16257	0.18636723		Aroclor-1260
	69	13.978			1216	1015			
	70	14.034			536	401			
	71	14.116			984	781			
	72	14.326	14.332	-0.006	12898	8795	0.19066562		Aroclor-1260
	73	14.386			515	433			
	74	14.424			6152	5020			
	75	14.490	14.494	-0.004	7942	5978	0.19580500		Aroclor-1260
	76	14.657			490	417			
	77	14.847			4179	2992			
	78	14.920			399	309			
	79	15.071			9212	7231			
	80	15.142			735	517			
	81	15.550			3122	2115			
	82	15.710			216	101			
$	83	15.976	15.981	-0.005	35535	23460	0.01881466		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

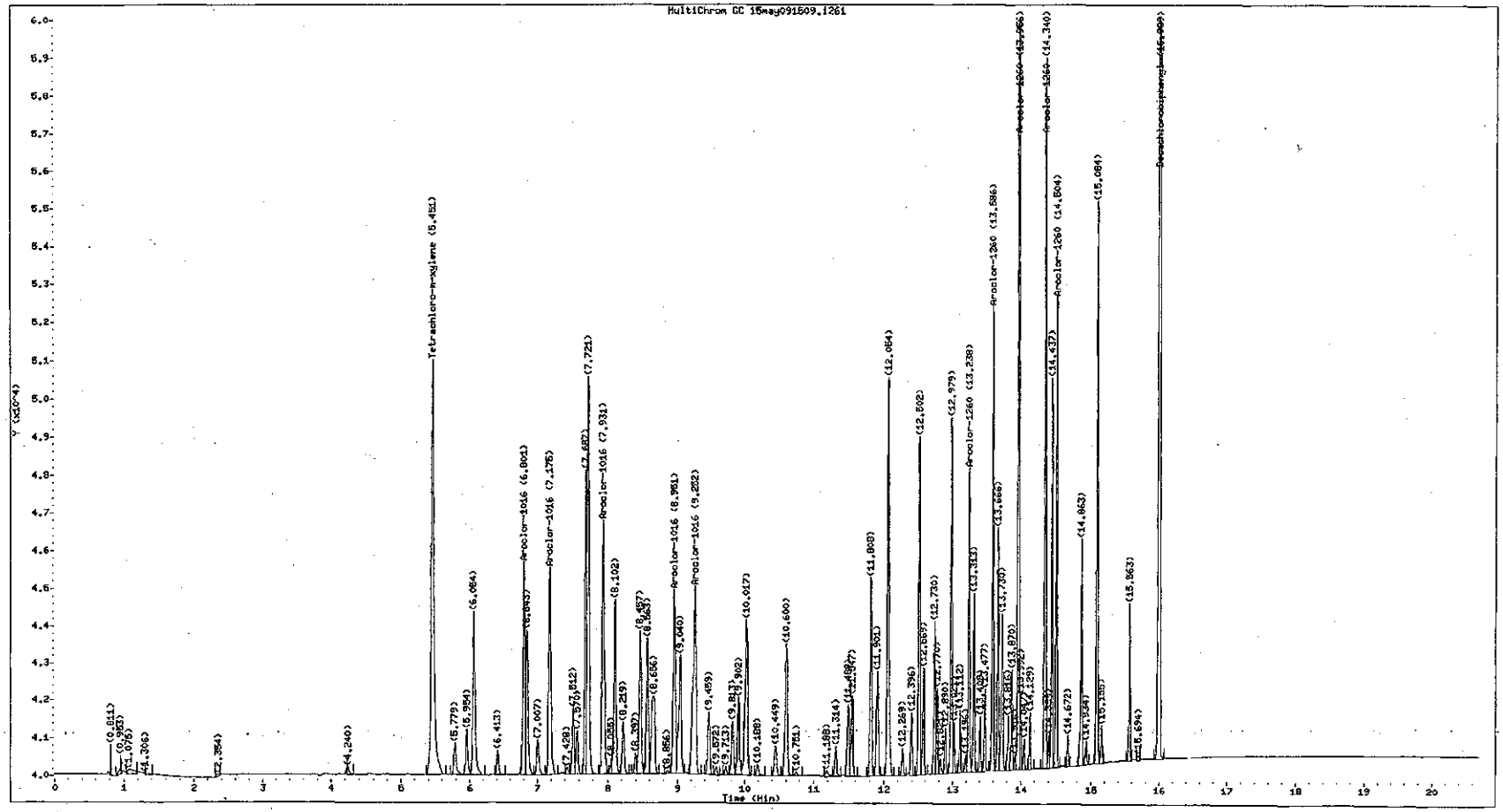
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.437	5.442	0.0100	Tetrachloro-m-xylene
6.787	6.794	0.2000	Aroclor-1016
13.225	13.230	0.2000	Aroclor-1260
15.976	15.981	0.0200	Decachlorobiphenyl

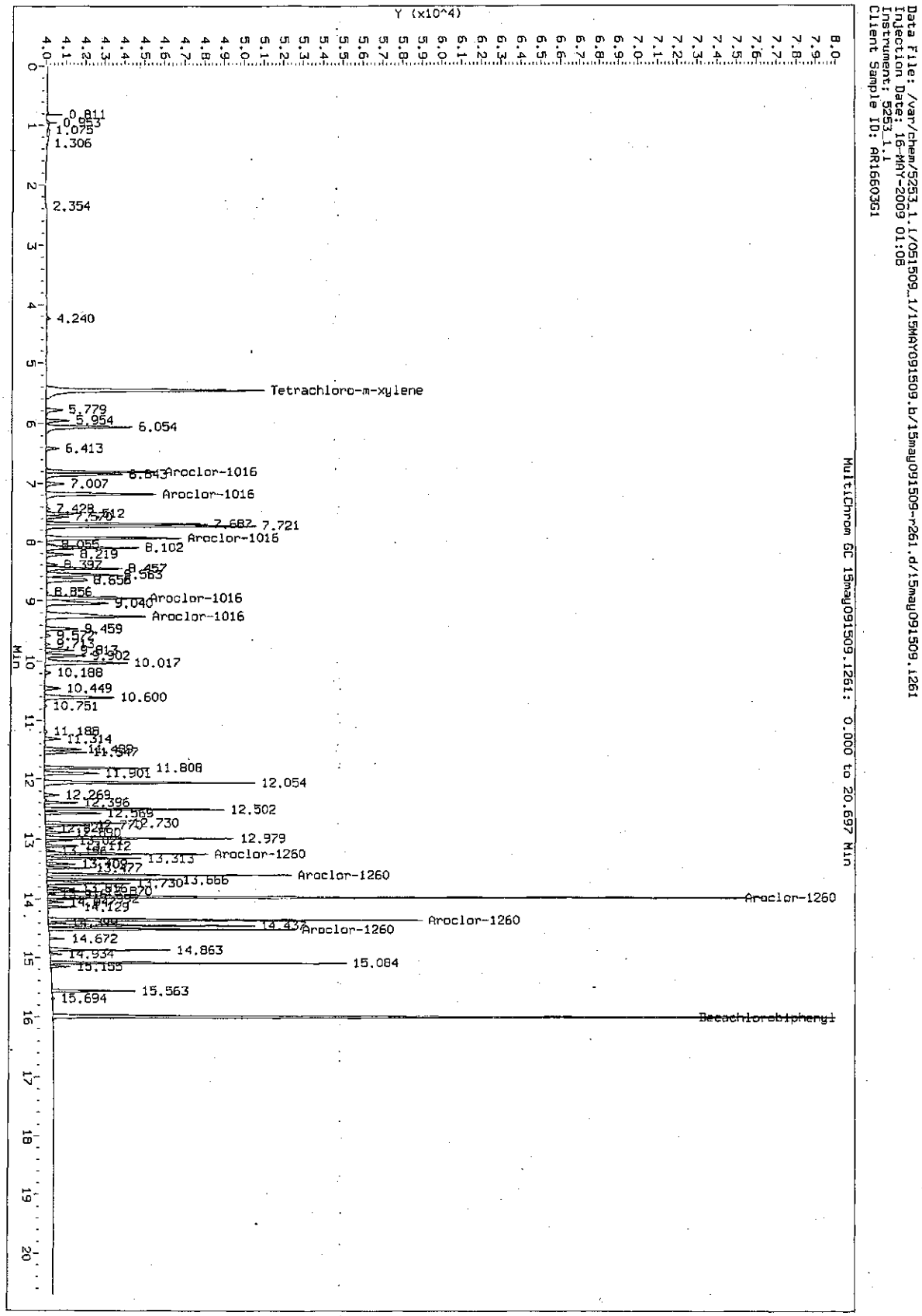
Reported: 05/18/2009 11:36 jb 15may091509-r251.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G1	Client Sample ID: AR16603G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 01:08
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r261.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:36 jb		




Data File: /var/chem/5253_1.1/051509_1/15MAY091509.b/15may091509-r261.d/15may091509.1261
Injection Date: 16-MAY-2009 01:08
Instrument: 5253_1.1
Client Sample ID: AR166031
MultiChrom GC 15may091509.1261: 0.000 to 20.697 Min
Y (x10^4)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G1 Client Sample ID: AR16603G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r261.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:36 jb

Sample Type : CALIB_3
Injection Date : 16-MAY-2009 01:08
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.811			286	829			
	2	0.953			476	489			
	3	1.075			862	124			
	4	1.306			232	53			
	5	2.354			204	57			
	6	4.240			447	219			
$	7	5.451	5.442	0.008	28865	10994	0.02053667		Tetrachloro-m-xylene
	8	5.779			2223	844			
	9	5.954			2606	1189			
	10	6.054			10525	4379			
	11	6.413			1391	654			
	12	6.801	6.794	0.007	11309	5675	0.40844969		Aroclor-1016
	13	6.843			8789	3863			
	14	7.007			2287	927			
	15	7.175	7.169	0.006	12776	5536	0.40900989		Aroclor-1016
	16	7.428			417	182			
	17	7.512			3486	1740			
	18	7.570			2405	1137			
	19	7.687			13917	8085			
	20	7.721			22892	10526			
	21	7.931	7.924	0.008	15328	6765	0.40787411		Aroclor-1016
	22	8.055			589	430			
	23	8.102			10220	4651			
	24	8.219			3029	1381			
	25	8.397			1070	552			
	26	8.457			8386	3805			
	27	8.563			7909	3603			
	28	8.656			7608	2057			
	29	8.856			201	89			
	30	8.951	8.942	0.009	11011	4916	0.40538479		Aroclor-1016
	31	9.040			8810	3160			
	32	9.252	9.244	0.008	15682	5016	0.41257634		Aroclor-1016
	33	9.459			3690	1652			
	34	9.572			514	248			
	35	9.713			450	232			
	36	9.813			3205	1440			
	37	9.902			4623	2050			
	38	10.017			11319	4161			
	39	10.188			707	287			
	40	10.449			1931	796			
	41	10.600			8613	3514			
	42	10.751			274	104			
	43	11.188			520	167			
	44	11.314			1642	798			
	45	11.489			3780	1874			
	46	11.547			4213	2131			
	47	11.808			9663	5285			
	48	11.901			5643	2765			
	49	12.054			19042	10554			
	50	12.269			1312	747			
	51	12.396			2688	1671			
	52	12.502			14128	8984			
	53	12.569			4604	2829			
	54	12.730			6017	4073			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.770			3479	2268			
56	12.821			664	417			
57	12.890			1789	1195			
58	12.979			14831	9423			
59	13.021			1962	1338			
60	13.112			2372	1656			
61	13.196			606	455			
62	13.238	13.230	0.008	11369	8080	0.40544948		Aroclor-1260
63	13.313			6758	4771			
64	13.409			2113	1462			
65	13.477			3024	2168			
66	13.586	13.578	0.008	15980	12267	0.41001387		Aroclor-1260
67	13.666			8470	6459			
68	13.730			7454	4175			
69	13.816			1876	1425			
70	13.870			3386	2651			
71	13.916			449	378			
72	13.956	13.949	0.007	43503	36091	0.41374053		Aroclor-1260
73	13.992			2398	1966			
74	14.047			1120	814			
75	14.129			1939	1500			
76	14.340	14.332	0.008	26847	18769	0.40689063		Aroclor-1260
77	14.399			1037	875			
78	14.437			12379	10323			
79	14.504	14.494	0.009	16253	12411	0.40651319		Aroclor-1260
80	14.672			994	827			
81	14.863			8286	6023			
82	14.934			784	614			
83	15.084			18946	14833			
84	15.155			1392	994			
85	15.563			5984	4187			
86	15.694			223	120			
$ 87	15.989	15.981	0.008	76353	51835	0.04157110		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

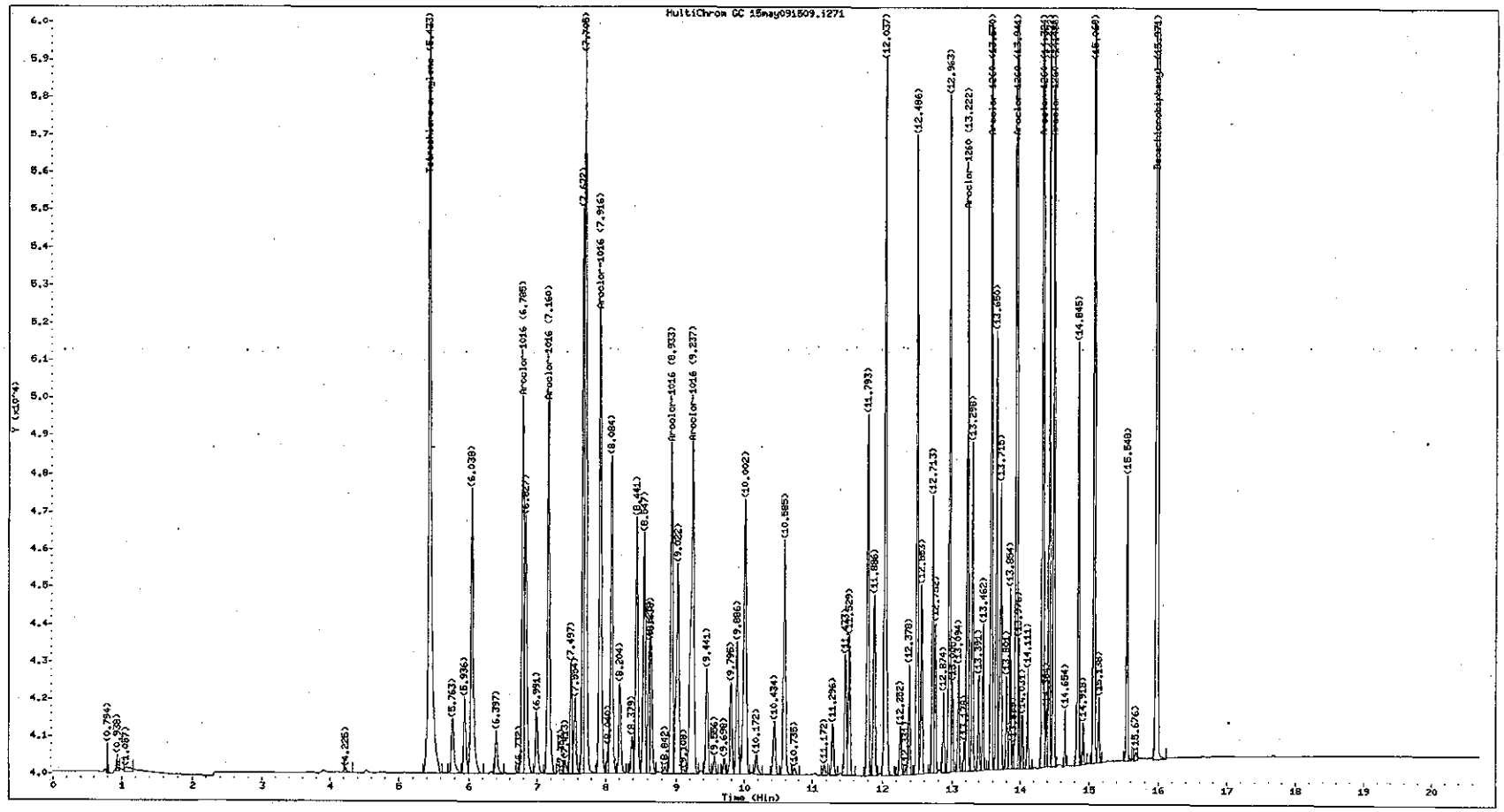
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.451	5.442	0.0200	Tetrachloro-m-xylene
6.801	6.794	0.4000	Aroclor-1016
13.238	13.230	0.4000	Aroclor-1260
15.989	15.981	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:36 jb 15may091509-r261.d Page 2

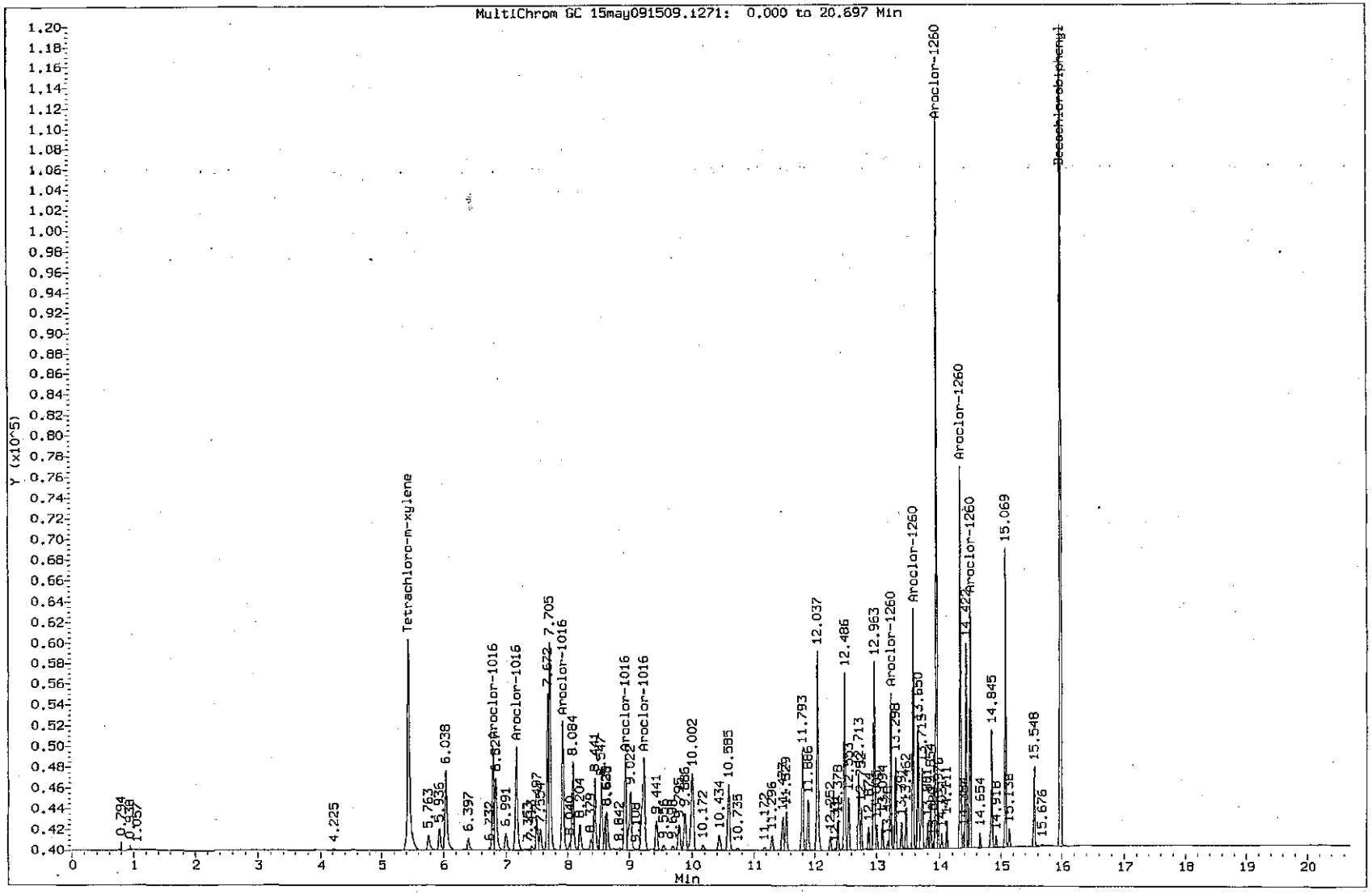
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16604G1	Client Sample ID: AR16604G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 16-MAY-2009 01:32
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r271.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:36 jb		



Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r271.d/15may091509.1271
Injection Date: 16-MAY-2009 01:32
Instrument: 5253_1.i
Client Sample ID: AR166046I



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16604G1 Client Sample ID: AR16604G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r271.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:36 jb

Sample Type : CALIB_4
Injection Date : 16-MAY-2009 01:32
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.794			283	801			
	2	0.938			415	460			
	3	1.057			817	127			
	4	4.225			293	133			
$	5	5.433	5.442	-0.009	54421	20281	0.03788469		Tetrachloro-m-xylene
	6	5.763			4060	1464			
	7	5.936			4726	2038			
	8	6.038			18921	7614			
	9	6.397			2582	1149			
	10	6.732			302	198			
	11	6.785	6.794	-0.008	20267	10020	0.72117461	M	Aroclor-1016
	12	6.827			15810	6895			
	13	6.991			4157	1636			
	14	7.160	7.169	-0.010	23142	9901	0.73150414	M	Aroclor-1016
	15	7.353			308	115			
	16	7.413			843	364			
	17	7.497			6370	2980			
	18	7.554			4572	2014			
	19	7.672			26932	15000			
	20	7.705			43818	19990			
	21	7.916	7.924	-0.008	28172	12328	0.74327746	M	Aroclor-1016
	22	8.040			1181	752			
	23	8.084			18909	8439			
	24	8.204			5643	2424			
	25	8.379			2167	1003			
	26	8.441			15121	6839			
	27	8.547			14260	6435			
	28	8.625			6428	3528			
	29	8.638			7784	3623			
	30	8.842			511	190			
	31	8.933	8.942	-0.009	19695	8782	0.72418414	M	Aroclor-1016
	32	9.022			15631	5600			
	33	9.108			334	115			
	34	9.237	9.244	-0.007	28134	8814	0.72496967	M	Aroclor-1016
	35	9.441			6574	2811			
	36	9.556			957	453			
	37	9.698			882	420			
	38	9.795			5634	2446			
	39	9.886			8159	3554			
	40	10.002			20112	7334			
	41	10.172			1320	521			
	42	10.434			3488	1435			
	43	10.585			15219	6264			
	44	10.735			454	190			
	45	11.172			699	281			
	46	11.296			2859	1373			
	47	11.473			6475	3221			
	48	11.529			7406	3737			
	49	11.793			17275	9574			
	50	11.886			9934	4797			
	51	12.037			34620	19094			
	52	12.252			2373	1305			
	53	12.331			285	199			
	54	12.378			4738	2948			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.486			25688	16971			
	56	12.553			8183	5031			
	57	12.713			10882	7385			
	58	12.752			5982	4012			
	59	12.874			3150	2133			
	60	12.963			27915	17954			
	61	13.005			3379	2391			
	62	13.094			4075	2836			
	63	13.178			1048	798			
	64	13.222	13.230	-0.008	20393	14892	0.74727150		Aroclor-1260
	65	13.298			12037	8697			
	66	13.391			3574	2527			
	67	13.462			5178	3887			
	68	13.570	13.578	-0.008	29639	23045	0.77025920		Aroclor-1260
	69	13.650			15325	11630			
	70	13.715			13229	7626			
	71	13.801			3203	2458			
	72	13.854			5998	4812			
	73	13.899			737	669			
	74	13.941	13.949	-0.009	84628	71314	0.81753047		Aroclor-1260
	75	13.976			4089	3478			
	76	14.031			1855	1425			
	77	14.111			3439	2646			
	78	14.324	14.332	-0.008	50944	36672	0.79500736		Aroclor-1260
	79	14.384			1812	1548			
	80	14.422			22909	19598			
	81	14.486	14.494	-0.008	30379	23837	0.78076342		Aroclor-1260
	82	14.654			1775	1489			
	83	14.845			15134	11221			
	84	14.918			1445	1093			
	85	15.069			35844	28622			
	86	15.138			2420	1745			
	87	15.548			10940	7565			
	88	15.676			394	215			
$	89	15.971	15.981	-0.010	149190	101024	0.08102013		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.433	5.442	0.0400	Tetrachloro-m-xylene
6.785	6.794	0.8000	Aroclor-1016
13.222	13.230	0.8000	Aroclor-1260
15.971	15.981	0.0800	Decachlorobiphenyl

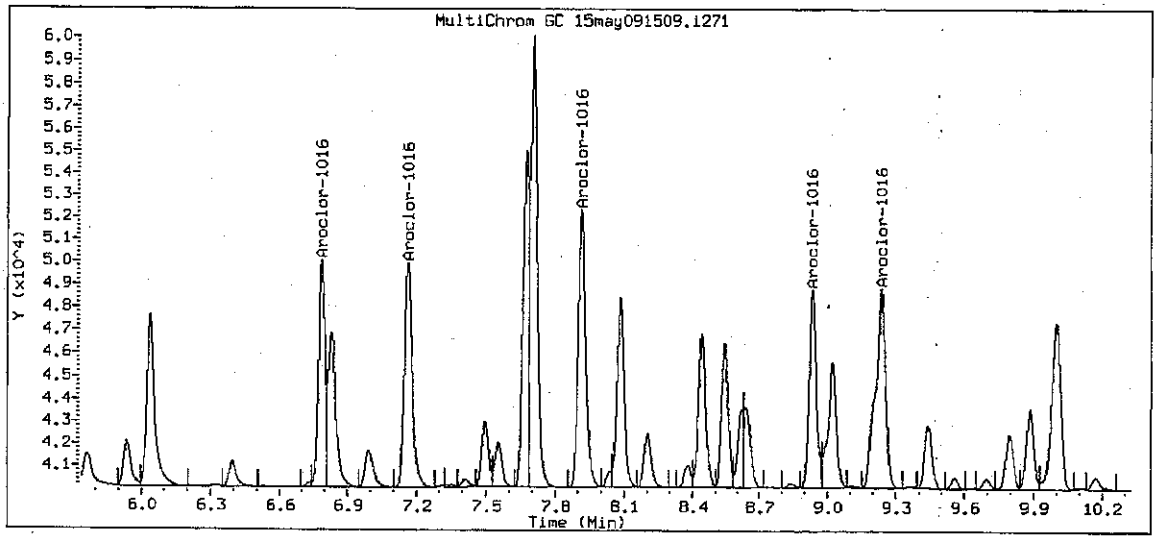
Reported: 05/18/2009 11:36 jb 15may091509-r271.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r271.d
Client Sample ID: AR16604G1
Compound Name: Aroclor-1016

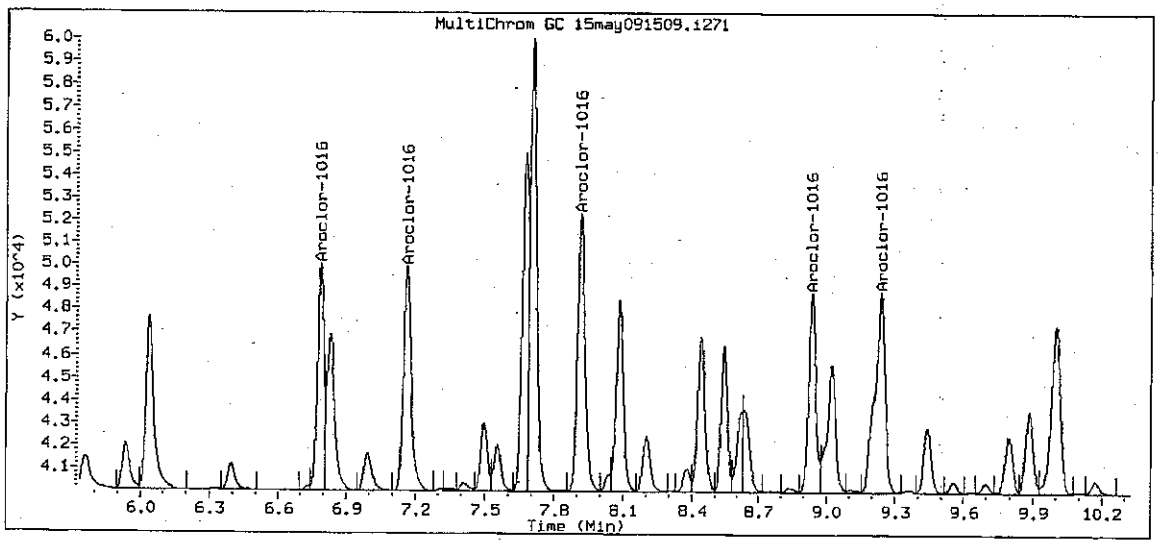
Inj. Date and Time: 16-MAY-2009 01:32
Instrument ID: 5253_1.i
CAS #: 12674-11-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:36



Original Integration:

RT = 6.7852 Height = 10020
RT = 7.1598 Height = 9899
RT = 7.9157 Height = 12303
RT = 8.9332 Height = 8746
RT = 9.2369 Height = 8790



Final Integration:

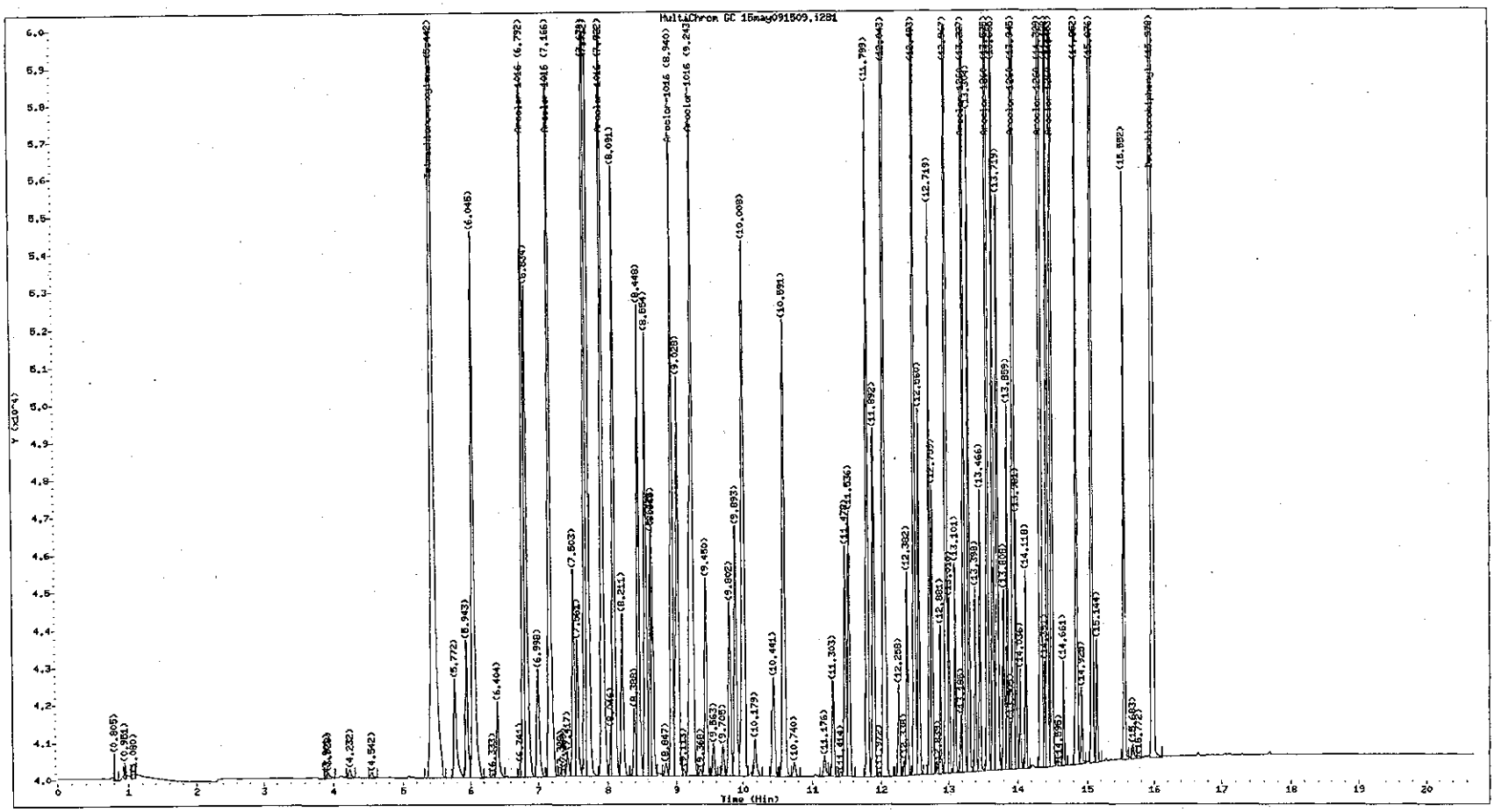
RT = 6.7852 Height = 10020
RT = 7.1598 Height = 9901
RT = 7.9157 Height = 12328
RT = 8.9332 Height = 8782
RT = 9.2369 Height = 8814

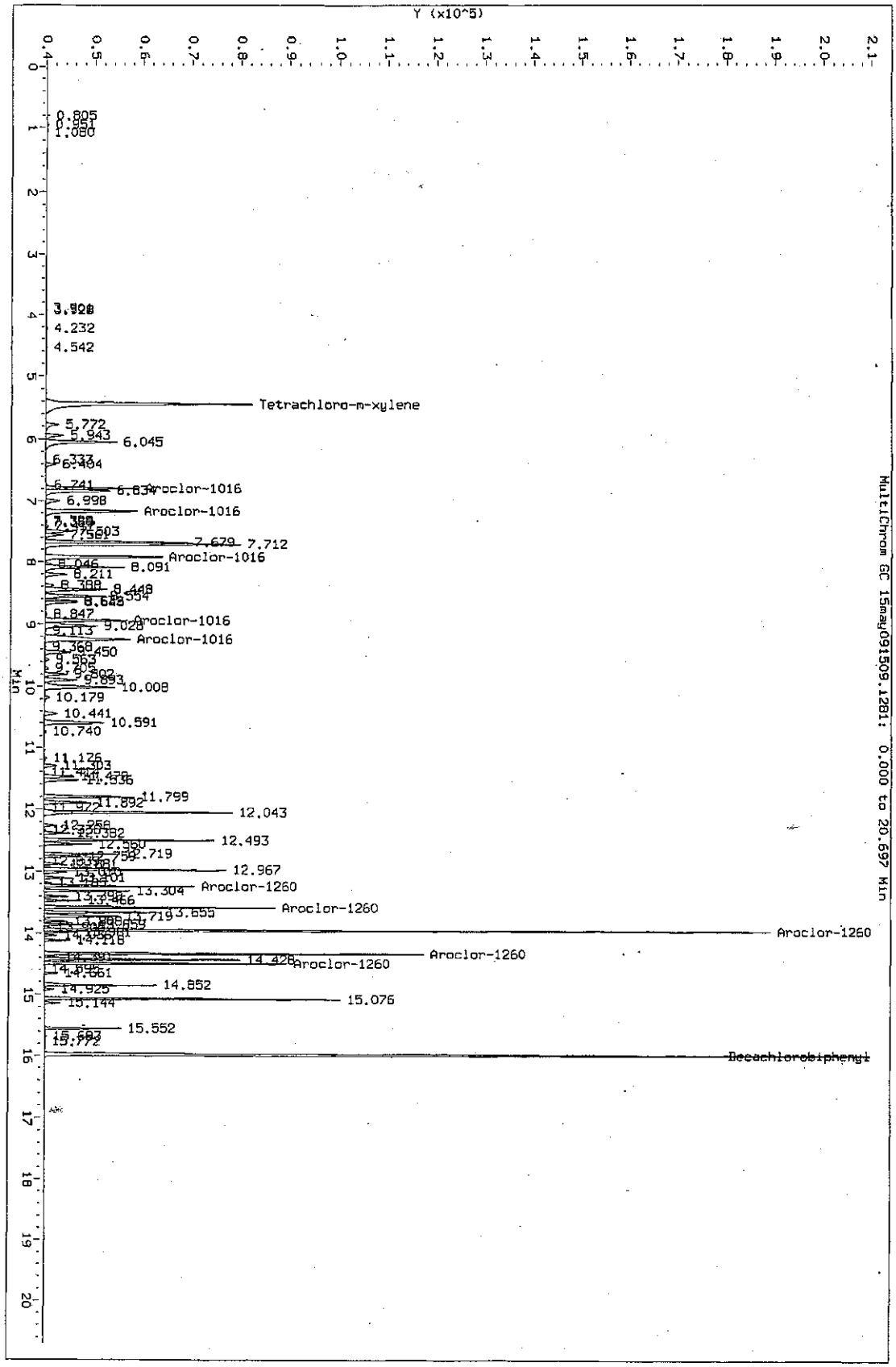
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16605G1	Client Sample ID: AR16605G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 16-MAY-2009 01:56
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r281.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:36 jb		




Data File: /var/chem/5253_1.i/051509_1/15MAY091509.b/15may091509-r281.d/15may091509.i281
Injection Date: 16-MAY-2009 01:56
Instrument: 5253_1.i
Client Sample ID: AR166056G1
MultiChrom GC 15may091509.i281: 0.000 to 20.697 Min
Y (x10^5)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16605G1 Client Sample ID: AR16605G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r281.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:36 jb

Sample Type : CALIB_5
Injection Date : 16-MAY-2009 01:56
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.805			310	723			
	2	0.951			280	419			
	3	1.080			407	137			
	4	3.901			211	135			
	5	3.928			439	165			
	6	4.232			683	241			
	7	4.542			470	157			
$	8	5.442	5.442	-0.001	109237	42300	0.07901594		Tetrachloro-m-xylene
	9	5.772			7411	2624			
	10	5.943			8504	3670			
	11	6.045			35164	14523			
	12	6.333			233	116			
	13	6.404			4776	2013			
	14	6.741			584	381			
	15	6.792	6.794	-0.002	37514	19060	1.37181517	M	Aroclor-1016
	16	6.834			29892	13091			
	17	6.998			7594	2869			
	18	7.166	7.169	-0.003	43442	18791	1.38831374	M	Aroclor-1016
	19	7.328			243	160			
	20	7.359			548	213			
	21	7.417			1497	655			
	22	7.503			11517	5497			
	23	7.561			8321	3640			
	24	7.679			51869	29183			
	25	7.712			86451	40010			
	26	7.922	7.924	-0.001	53447	24028	1.44869167	M	Aroclor-1016
	27	8.046			1879	1284			
	28	8.091			35897	16206			
	29	8.211			9996	4332			
	30	8.388			3821	1793			
	31	8.448			27662	12531			
	32	8.554			26215	11800			
	33	8.632			11437	6448			
	34	8.645			14063	6587			
	35	8.847			882	333			
	36	8.940	8.942	-0.002	36755	16818	1.38685138	M	Aroclor-1016
	37	9.028			29247	10624			
	38	9.113			496	193			
	39	9.243	9.244	-0.001	53557	17458	1.43595649	M	Aroclor-1016
	40	9.368			449	186			
	41	9.450			12128	5246			
	42	9.563			1857	859			
	43	9.705			1769	822			
	44	9.802			10476	4618			
	45	9.893			15444	6624			
	46	10.008			38566	14220			
	47	10.179			2569	1006			
	48	10.441			6506	2623			
	49	10.591			28906	12135			
	50	10.740			932	377			
	51	11.176			1354	540			
	52	11.303			5324	2530			
	53	11.414			247	130			
	54	11.478			12044	6115			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	11.536			13860	7043			
56	11.799			33219	18452			
57	11.892			18787	9260			
58	11.972			295	157			
59	12.043			68052	38442			
60	12.258			4374	2429			
61	12.338			602	413			
62	12.382			8832	5375			
63	12.493			51617	34826			
64	12.560			15352	9719			
65	12.719			22022	15114			
66	12.759			11522	7662			
67	12.839			266	183			
68	12.881			5982	3924			
69	12.967			57252	37174			
70	13.010			6632	4647			
71	13.101			7856	5552			
72	13.185			2136	1516			
73	13.227	13.230	-0.003	40556	30756	1.54331736	AM	Aroclor-1260
74	13.304			23566	17561			
75	13.398			6879	4869			
76	13.466			10125	7436			
77	13.575	13.578	-0.004	60114	47126	1.57514581	AM	Aroclor-1260
78	13.655			30549	23708			
79	13.719			26245	15235			
80	13.808			6203	4748			
81	13.859			11830	9668			
82	13.905			1581	1280			
83	13.945	13.949	-0.004	176182	148992	1.70801665	AM	Aroclor-1260
84	13.981			8514	6741			
85	14.036			3563	2637			
86	14.118			6594	5222			
87	14.329	14.332	-0.003	105500	77347	1.67679521	AM	Aroclor-1260
88	14.391			3591	2814			
89	14.428			46457	40045			
90	14.493	14.494	-0.002	62307	49469	1.62032075	AM	Aroclor-1260
91	14.595			276	132			
92	14.661			3413	2766			
93	14.852			30086	22901			
94	14.925			2682	2014			
95	15.076			73463	60216			
96	15.144			4491	3272			
97	15.552			21309	15558			
98	15.683			782	388			
99	15.772			226	75			
$ 100	15.978	15.981	-0.003	306068	211972	0.16999920	A	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.442	5.442	0.0800	Tetrachloro-m-xylene
6.792	6.794	1.6000	Aroclor-1016
13.227	13.230	1.6000	Aroclor-1260
15.978	15.981	0.1600	Decachlorobiphenyl

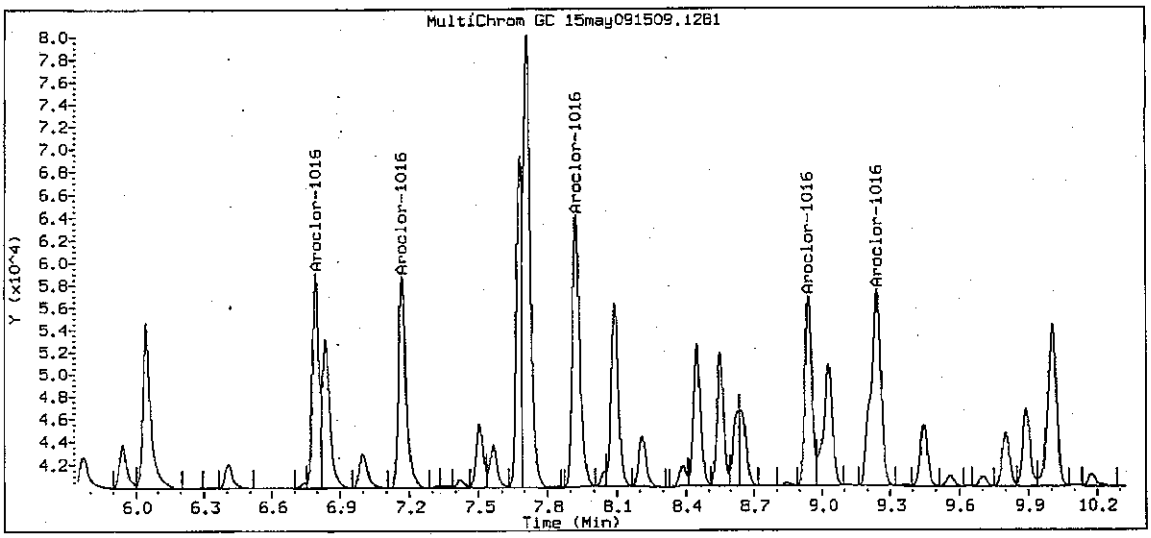
Reported: 05/18/2009 11:36 jb 15may091509-r281.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r281.d
Client Sample ID: AR16605G1
Compound Name: Aroclor-1016

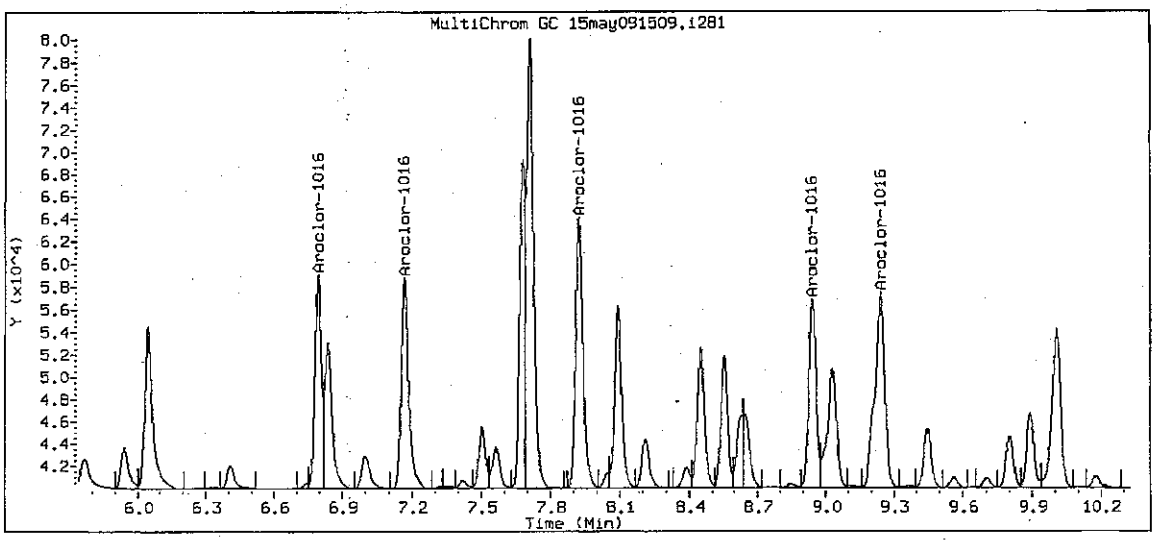
Inj. Date and Time: 16-MAY-2009 01:56
Instrument ID: 5253_1.i
CAS #: 12674-11-2

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:36



Original Integration:

RT = 6.7919 Height = 19060
RT = 7.1665 Height = 18791
RT = 7.9224 Height = 23999
RT = 8.9398 Height = 16770
RT = 9.2435 Height = 17423



Final Integration:

RT = 6.7919 Height = 19060
RT = 7.1665 Height = 18791
RT = 7.9224 Height = 24028
RT = 8.9398 Height = 16818
RT = 9.2435 Height = 17458

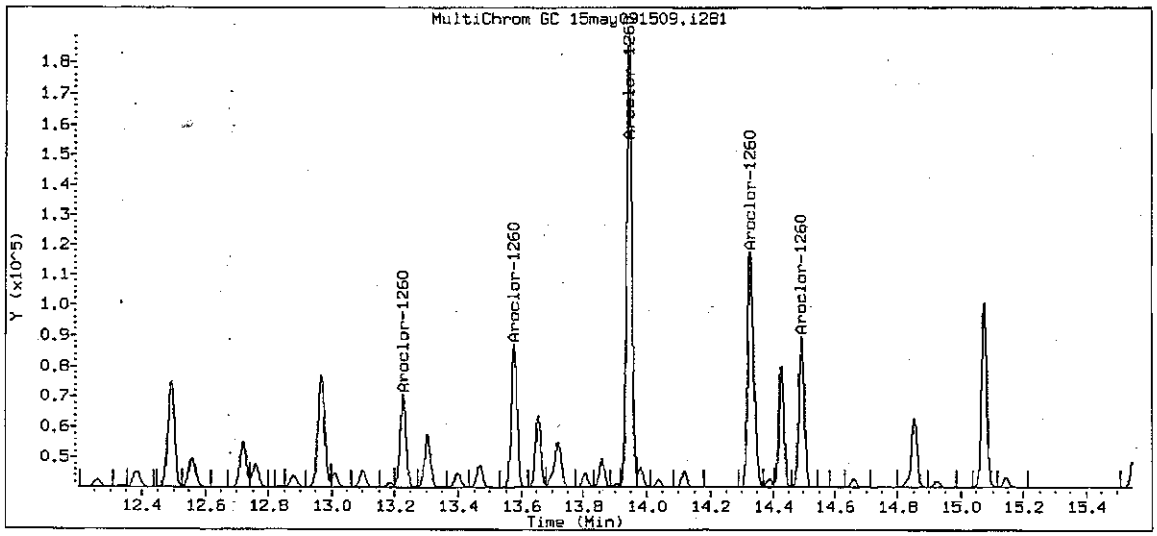
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r281.d
Client Sample ID: AR16605G1
Compound Name: Aroclor-1260

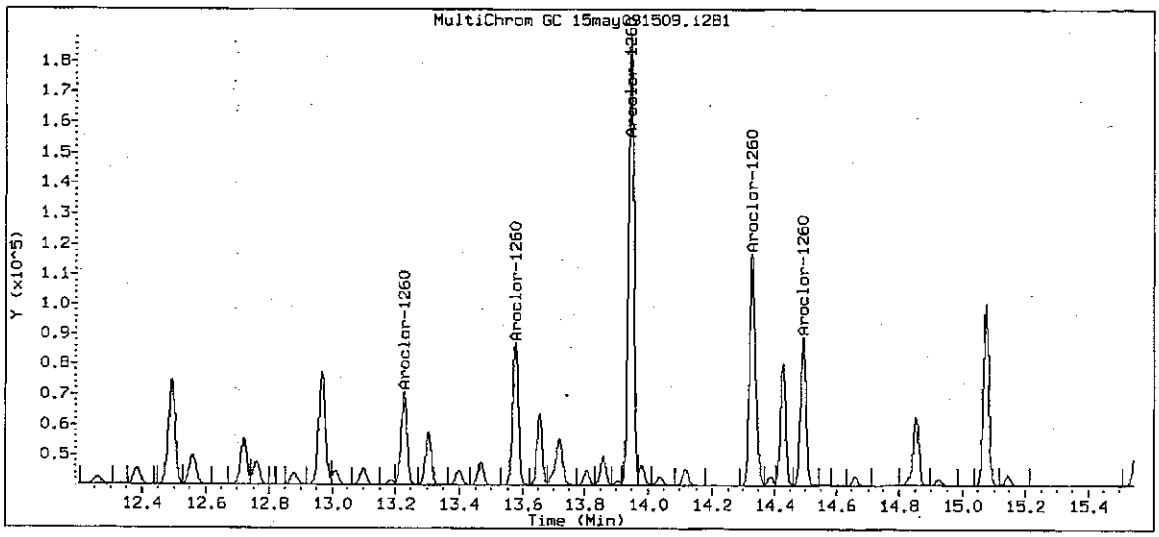
Inj. Date and Time: 16-MAY-2009 01:56
Instrument ID: 5253_1.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:36



Original Integration:

RT = 13.2269 Height = 30722
RT = 13.5749 Height = 47093
RT = 13.9451 Height = 148959
RT = 14.3285 Height = 77316
RT = 14.4926 Height = 49439



Final Integration:

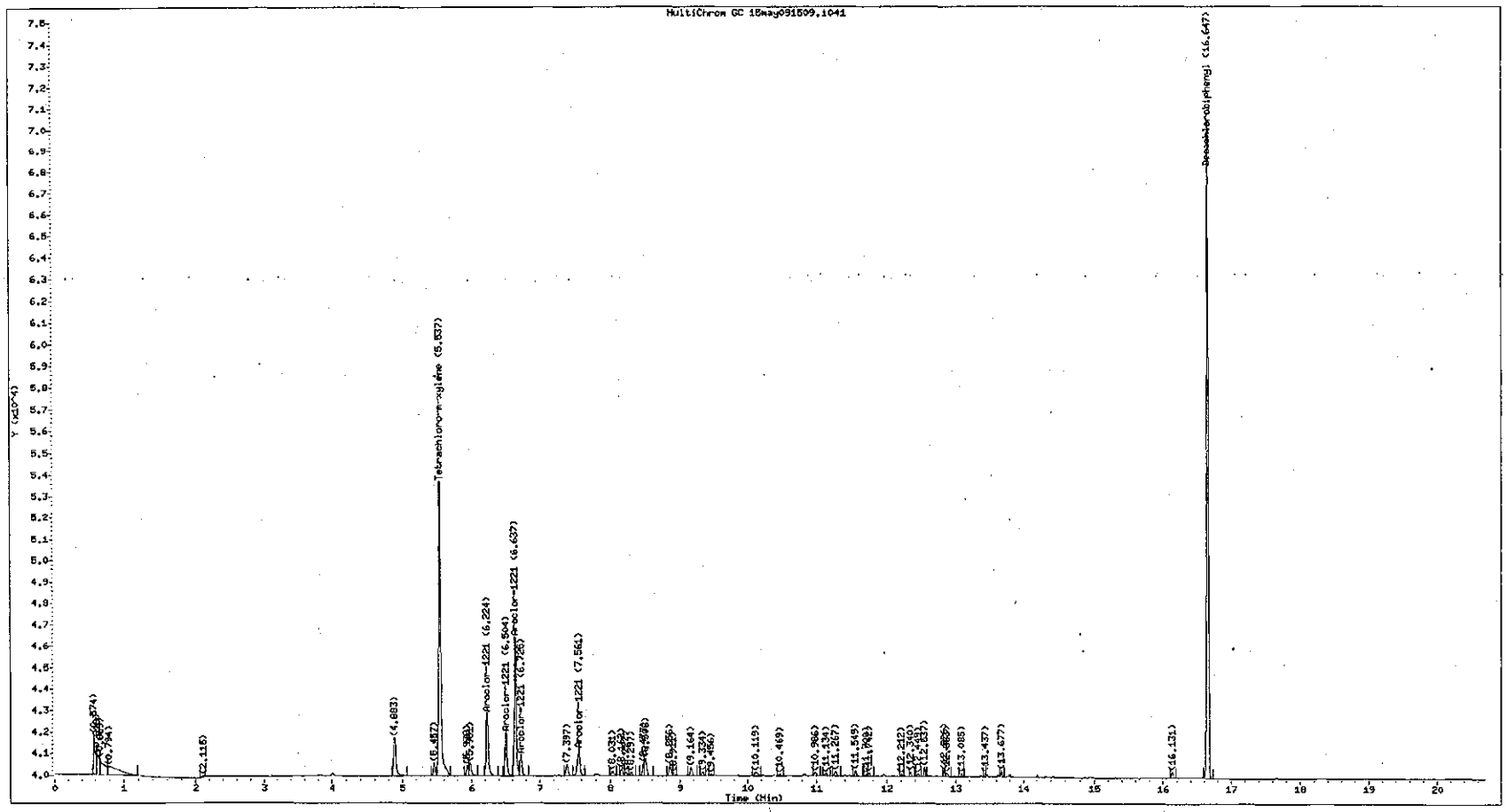
RT = 13.2269 Height = 30756
RT = 13.5749 Height = 47126
RT = 13.9451 Height = 148992
RT = 14.3285 Height = 77347
RT = 14.4926 Height = 49469

Manual Integration Reason: MI1 - Poor automated baseline

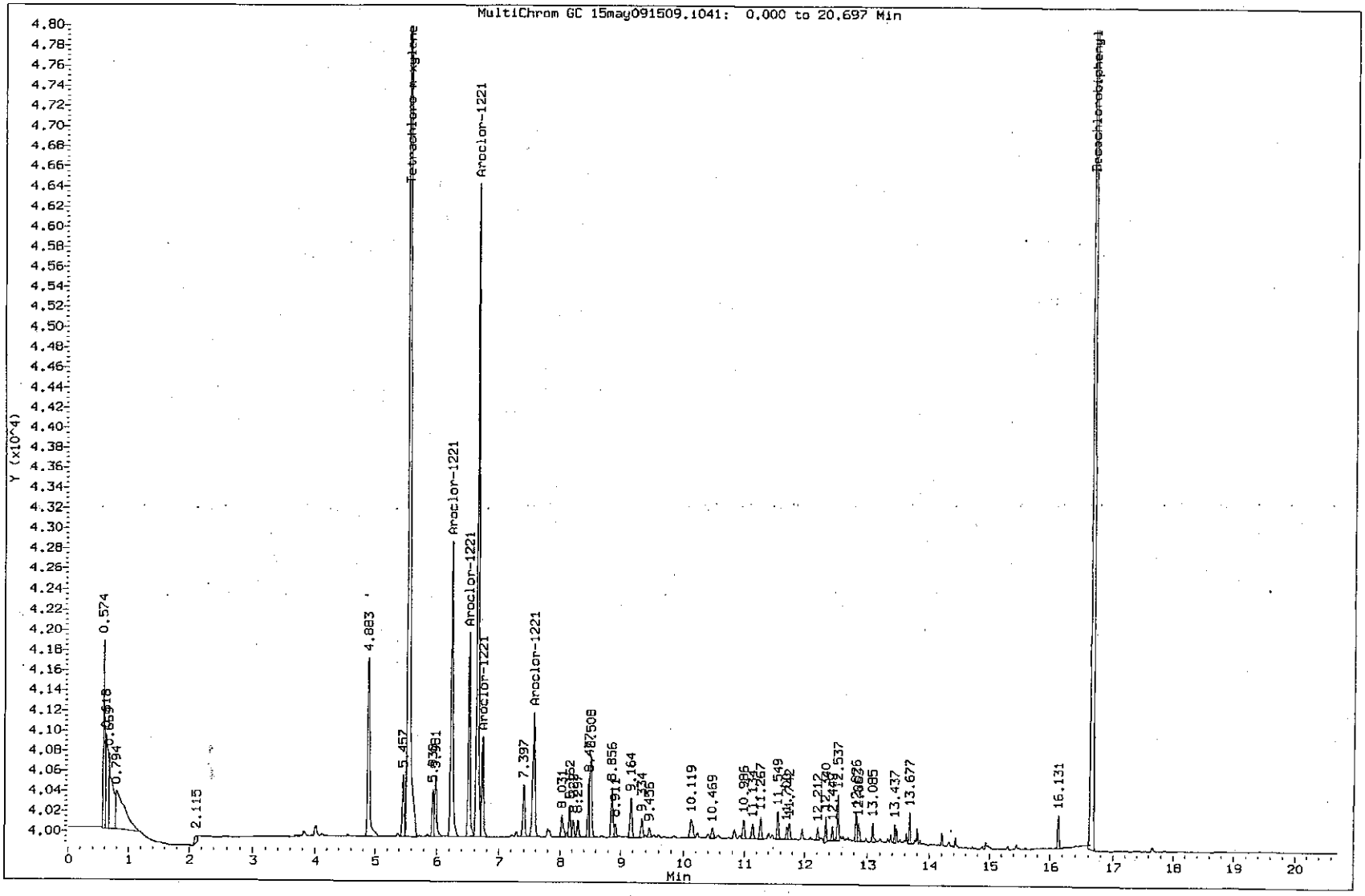
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12213G1	Client Sample ID: AR12213G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 16:24
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1221STD
Data File	: 15may091509-r041.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:40 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r041.d/15may091509.i041
Injection Date: 15-MAY-2009 16:24
Instrument: 5253_2.i
Client Sample ID: AR12213G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12213G1 Client Sample ID: AR12213G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r041.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:40 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 16:24
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1221STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.574			2975	1875			
	2	0.618			2710	933			
	3	0.669			2990	758			
	4	0.794			4121	379			
	5	2.115			221	72			
	6	4.883			4620	1772			
	7	5.457			1243	611			
$	8	5.537	5.530	0.007	30643	13736	0.02009414		Tetrachloro-m-xylene
	9	5.938			860	463			
	10	5.981			1331	606			
	11	6.224	6.224	0.000	6504	2917	0.40000000		Aroclor-1221
	12	6.504	6.504	0.000	4123	2019	0.40000000		Aroclor-1221
	13	6.637	6.637	0.000	12907	6474	0.40000000		Aroclor-1221
	14	6.725	6.725	0.000	2147	993	0.40000000		Aroclor-1221
	15	7.397			1132	507			
	16	7.561	7.561	0.000	3131	1230	0.40000000		Aroclor-1221
	17	8.031			557	212			
	18	8.162			646	308			
	19	8.222			350	172			
	20	8.297			361	173			
	21	8.477			966	576			
	22	8.508			1839	814			
	23	8.856			1099	484			
	24	8.911			274	134			
	25	9.164			854	390			
	26	9.334			399	184			
	27	9.456			210	92			
	28	10.119			592	183			
	29	10.469			223	96			
	30	10.986			428	189			
	31	11.134			318	146			
	32	11.267			469	217			
	33	11.549			530	267			
	34	11.700			221	123			
	35	11.742			325	162			
	36	12.212			210	122			
	37	12.340			392	250			
	38	12.449			233	134			
	39	12.537			708	448			
	40	12.826			412	277			
	41	12.863			357	187			
	42	13.085			299	185			
	43	13.437			240	181			
	44	13.677			393	303			
	45	16.131			537	324			
$	46	16.647	16.635	0.012	52980	30516	0.03588767		Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

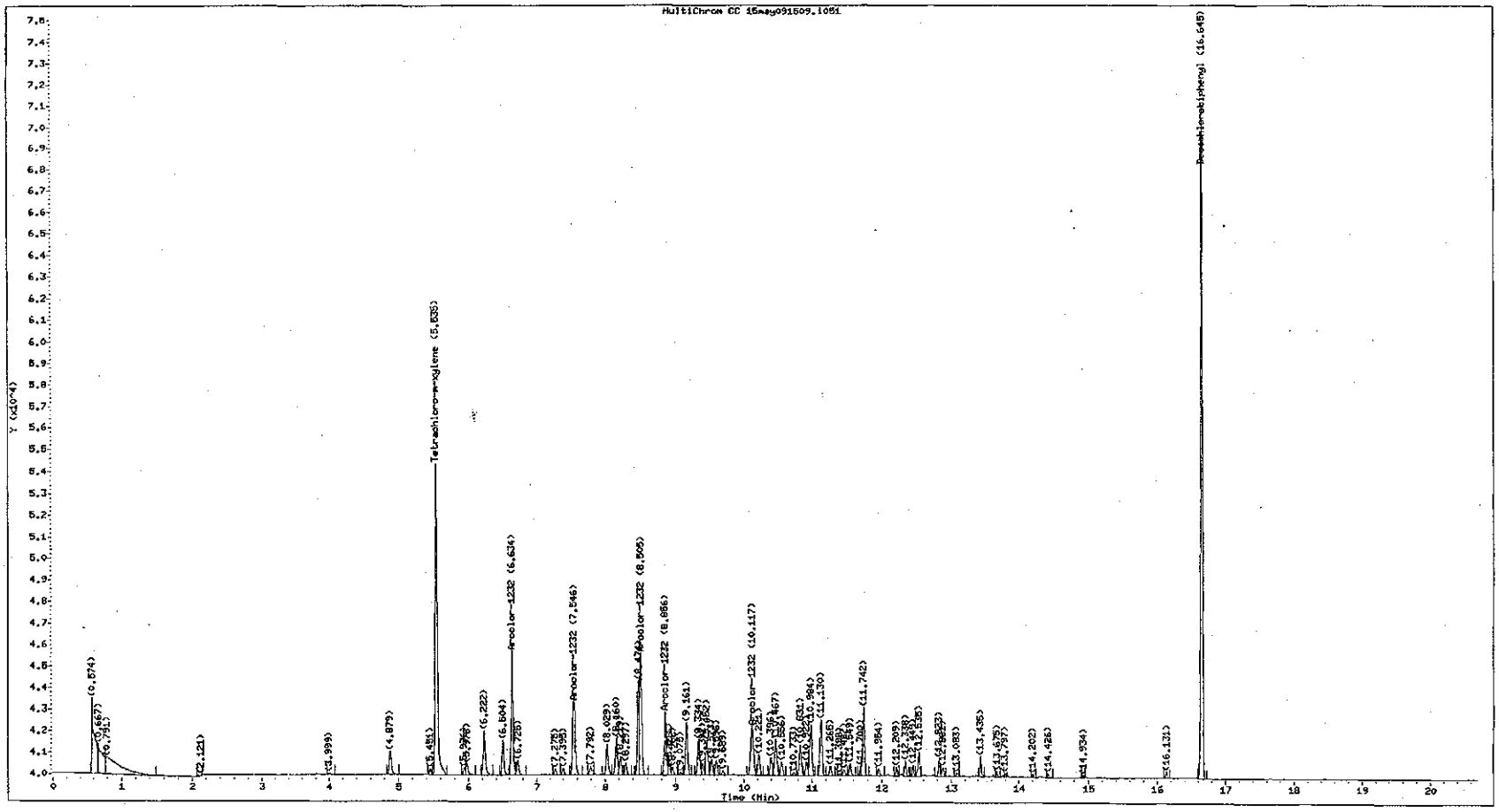
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.537	5.530	0.0200	Tetrachloro-m-xylene
6.224	6.224	0.4000	Aroclor-1221
16.647	16.635	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:40 jb 15may091509-r041.d Page 2

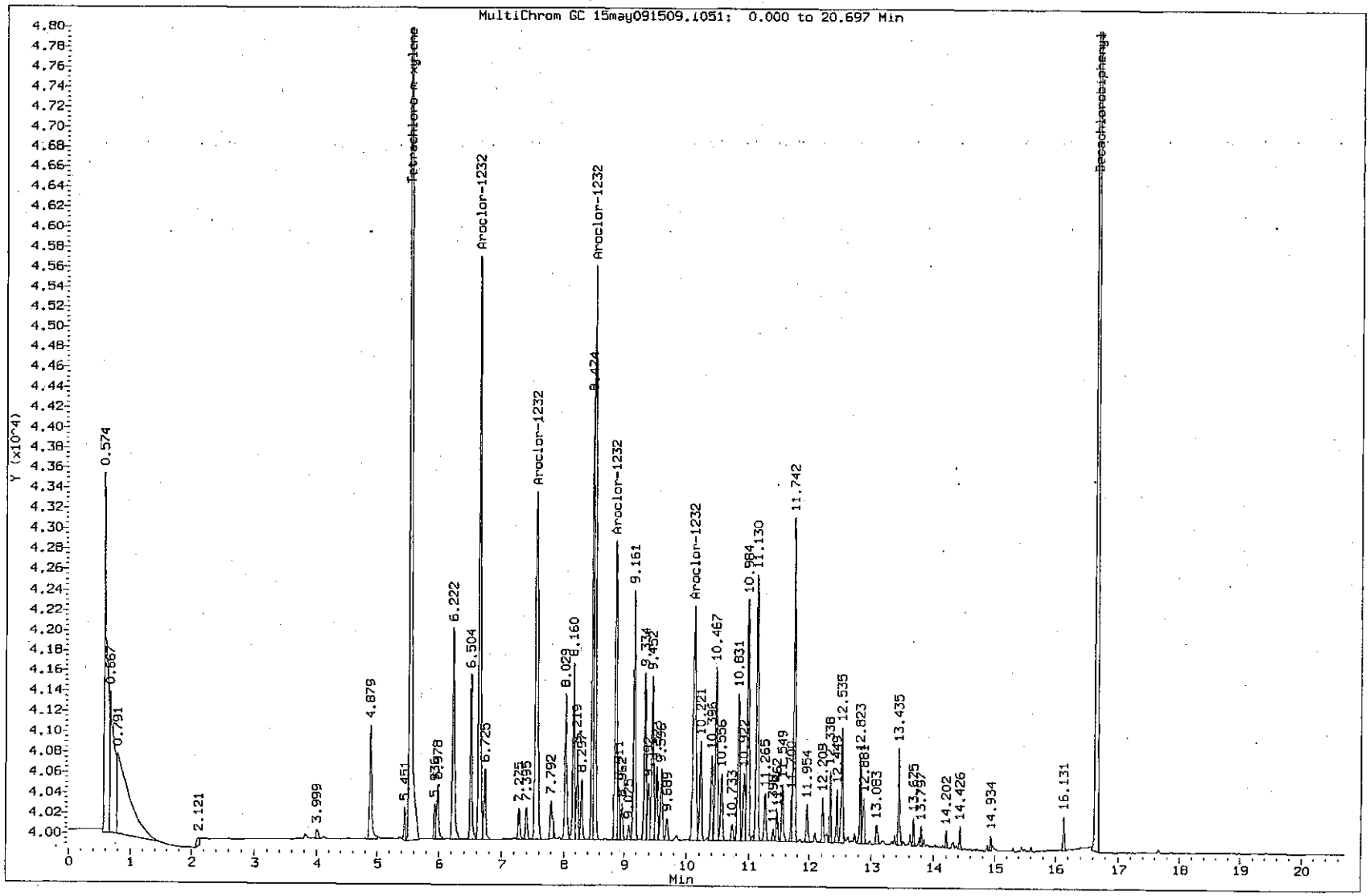
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12323G1	Client Sample ID: AR12323G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 16:48
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1232STD
Data File	: 15may091509-r051.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:40 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r051.d/15may091509.1051
Injection Date: 15-MAY-2009 16:48
Instrument: 5253_2.i
Client Sample ID: AR12323G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12323G1 Client Sample ID: AR12323G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r051.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:40 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 16:48
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1232STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.574			10149	3543			
	2	0.667			6480	1390			
	3	0.791			11138	791			
	4	2.121			273	77			
	5	3.999			216	86			
	6	4.879			2719	1114			
	7	5.451			516	324			
$	8	5.535	5.530	0.005	30918	14433	0.02111376		Tetrachloro-m-xylene
	9	5.936			621	349			
	10	5.978			1216	525			
	11	6.222			4776	2084			
	12	6.504			3277	1622			
	13	6.634	6.634	0.000	11359	5765	0.40000000		Aroclor-1232
	14	6.725			1537	693			
	15	7.275			620	304			
	16	7.395			704	314			
	17	7.546	7.546	0.000	10367	3413	0.40000000		Aroclor-1232
	18	7.792			968	374			
	19	8.029			3196	1428			
	20	8.160			3708	1738			
	21	8.219			1858	875			
	22	8.297			1236	595			
	23	8.474			7567	4350			
	24	8.505	8.505	0.000	11979	5667	0.40000000		Aroclor-1232
	25	8.856	8.856	0.000	6448	2938	0.40000000		Aroclor-1232
	26	8.911			1066	525			
	27	8.962			790	358			
	28	9.075			311	146			
	29	9.161			5337	2458			
	30	9.334			3556	1641			
	31	9.392			1217	559			
	32	9.452			3752	1606			
	33	9.523			1598	717			
	34	9.596			1589	698			
	35	9.689			503	220			
	36	10.117	10.117	0.000	7033	2309	0.40000000		Aroclor-1232
	37	10.221			2226	970			
	38	10.396			1896	832			
	39	10.467			3974	1703			
	40	10.556			1533	657			
	41	10.733			378	165			
	42	10.831			3326	1445			
	43	10.922			1481	662			
	44	10.984			5547	2378			
	45	11.130			5754	2614			
	46	11.265			1036	469			
	47	11.398			237	123			
	48	11.462			613	287			
	49	11.549			1162	562			
	50	11.700			597	458			
	51	11.742			6460	3177			
	52	11.954			753	371			
	53	12.209			820	442			
	54	12.338			1082	705			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.449			833	519			
56	12.535			2126	1125			
57	12.823			1311	842			
58	12.881			850	443			
59	13.083			385	185			
60	13.435			1412	946			
61	13.675			357	276			
62	13.797			228	193			
63	14.202			209	171			
64	14.426			285	220			
65	14.934			203	150			
66	16.131			547	331			
$ 67	16.645	16.635	0.010	53294	31179	0.03666737		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

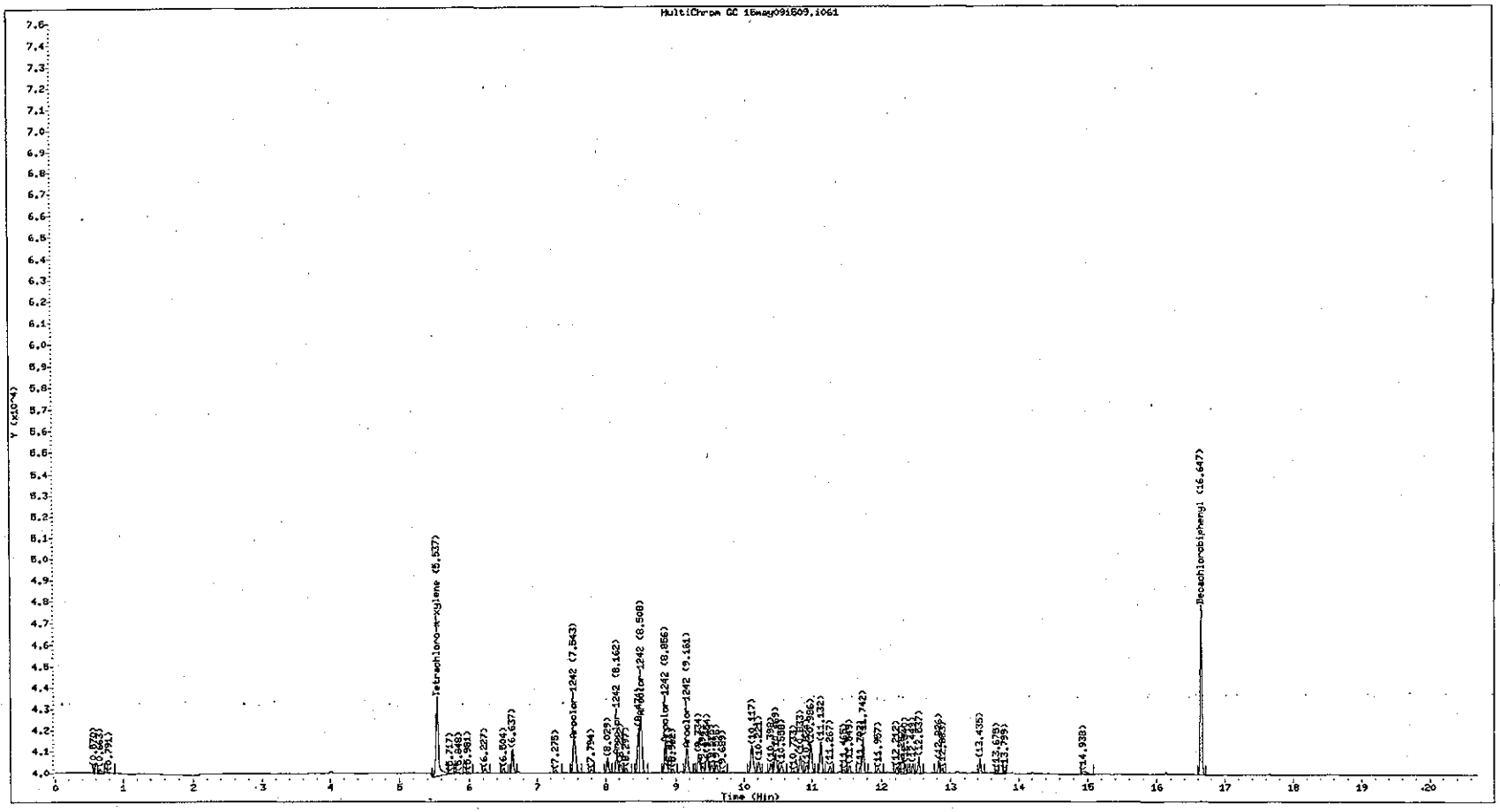
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.535	5.530	0.0200	Tetrachloro-m-xylene
6.634	6.634	0.4000	Aroclor-1232
16.645	16.635	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:40 jb 15may091509-r051.d Page 2

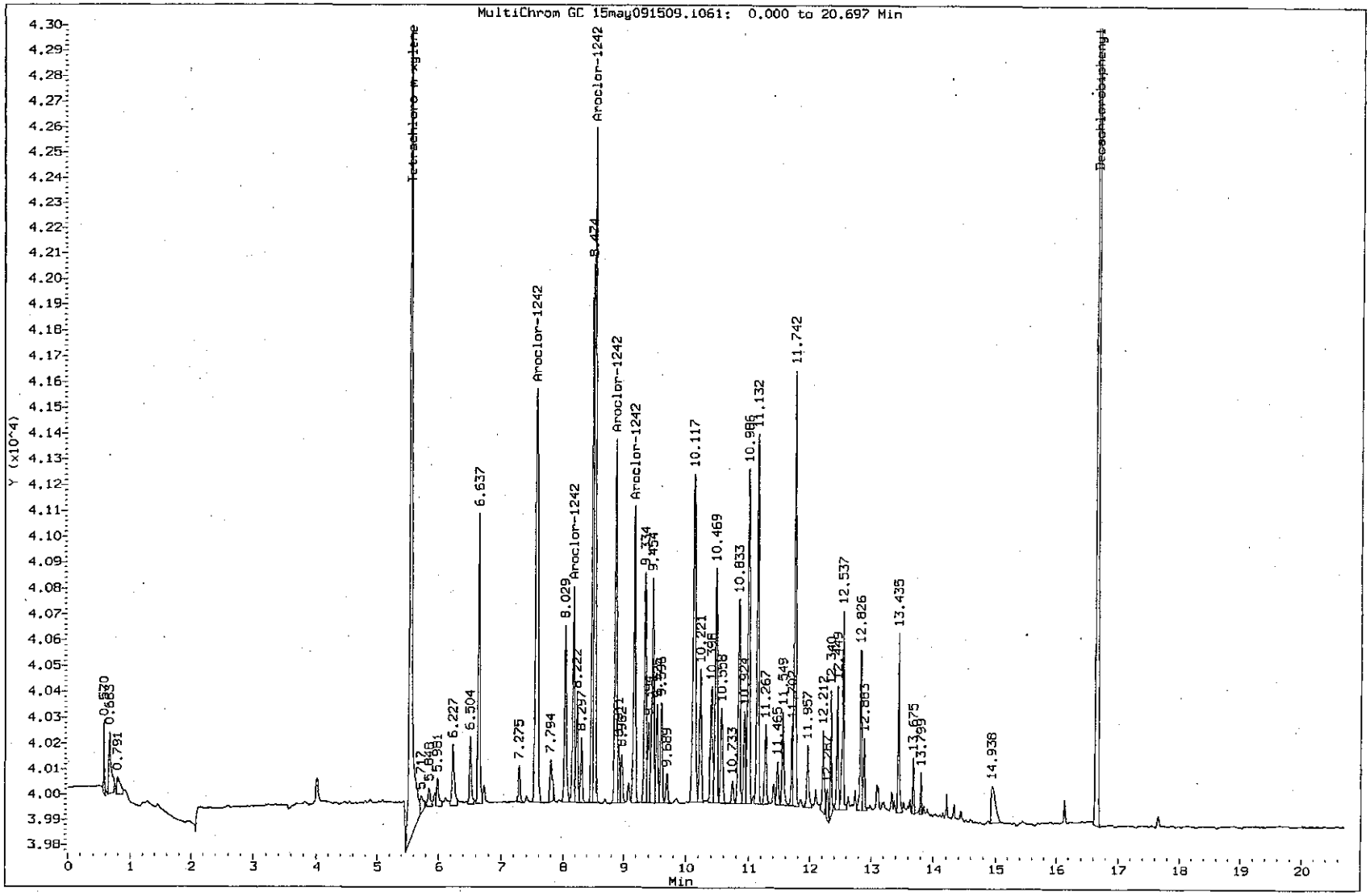
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12421G1	Client Sample ID: AR12421G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 17:12
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r061.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:40 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r061.d/15may091509.1061
Injection Date: 15-MAY-2009 17:12
Instrument: 5253_2.i
Client Sample ID: AR12421G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12421G1 Client Sample ID: AR12421G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r061.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:40 jb

Sample Type : CALIB_1
Injection Date : 15-MAY-2009 17:12
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.570			226	278			
	2	0.663			653	245			
	3	0.791			282	69			
$	4	5.537	5.530	0.007	9374	3711	0.00542875		Tetrachloro-m-xylene
	5	5.717			240	68			
	6	5.848			222	74			
	7	5.981			293	111			
	8	6.227			681	243			
	9	6.504			566	266			
	10	6.637			2293	1128			
	11	7.275			300	146			
	12	7.543	7.543	0.001	4710	1608	0.10657918		Aroclor-1242
	13	7.794			427	169			
	14	8.029			1526	690			
	15	8.162	8.161	0.001	1772	840	0.10988472		Aroclor-1242
	16	8.222			869	420			
	17	8.297			541	259			
	18	8.474			3541	2094			
	19	8.508	8.505	0.003	5809	2631	0.10103687		Aroclor-1242
	20	8.856	8.855	0.001	3108	1416	0.10575253		Aroclor-1242
	21	8.911			477	236			
	22	8.962			424	197			
	23	9.161	9.162	-0.001	2530	1154	0.10523316		Aroclor-1242
	24	9.334			2003	896			
	25	9.394			661	317			
	26	9.454			2078	875			
	27	9.525			849	386			
	28	9.596			885	393			
	29	9.689			261	119			
	30	10.117			3502	1277			
	31	10.221			1196	521			
	32	10.398			1013	452			
	33	10.469			2188	914			
	34	10.558			876	372			
	35	10.733			201	90			
	36	10.833			1855	794			
	37	10.924			799	358			
	38	10.986			3045	1300			
	39	11.132			3115	1437			
	40	11.267			715	311			
	41	11.465			369	172			
	42	11.549			777	366			
	43	11.702			450	318			
	44	11.742			3530	1691			
	45	11.957			553	245			
	46	12.212			655	323			
	47	12.287			220	124			
	48	12.340			769	496			
	49	12.449			850	481			
	50	12.537			1451	775			
	51	12.826			1023	627			
	52	12.883			517	285			
	53	13.435			1046	698			
	54	13.675			297	223			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.799			201	166			
	56	14.938			724	148			
$	57	16.647	16.635	0.012	14164	7863	0.00924711	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

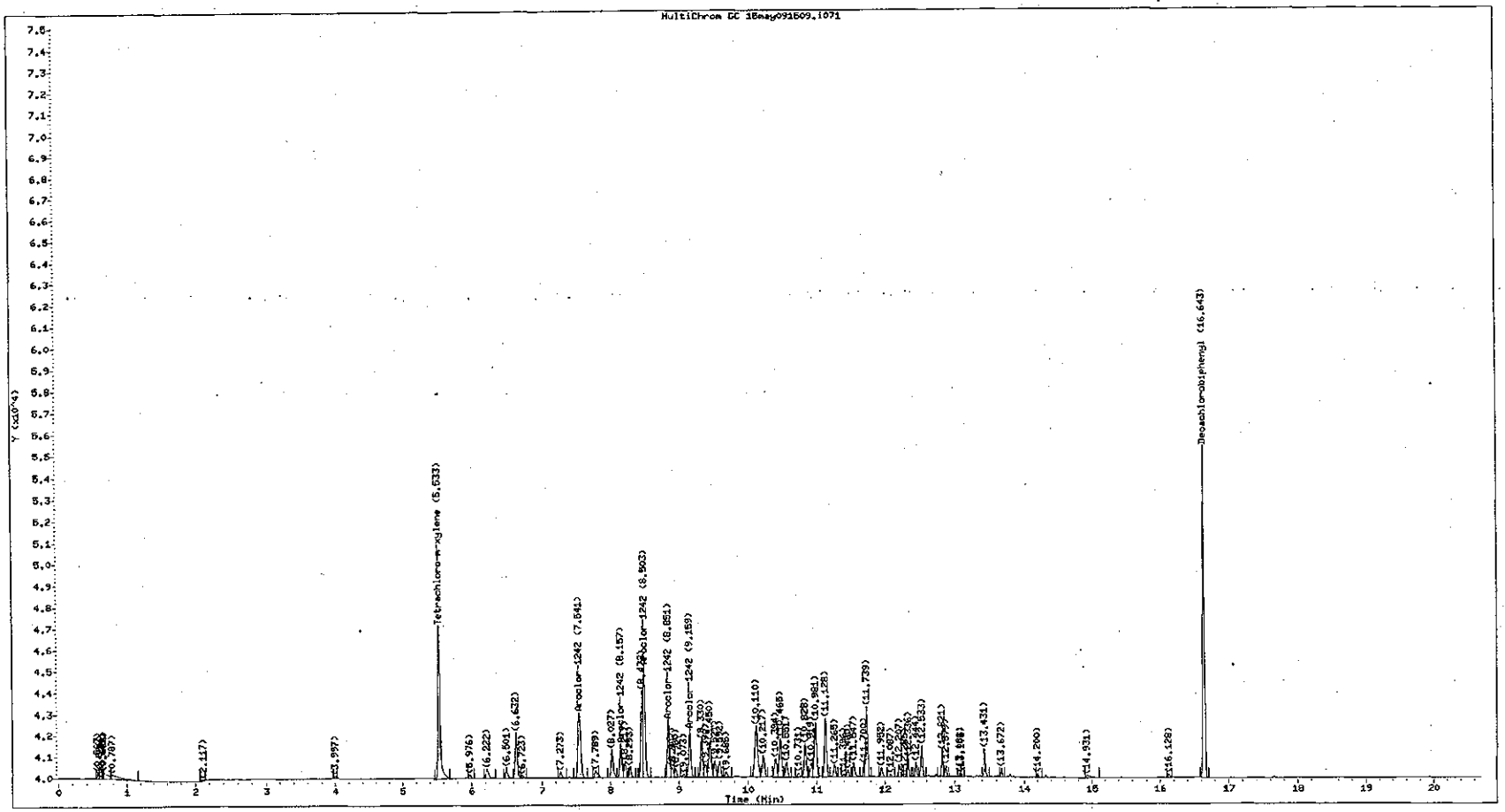
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.537	5.530	0.0050	Tetrachloro-m-xylene
7.543	7.543	0.1000	Aroclor-1242
16.647	16.635	0.0100	Decachlorobiphenyl

Reported: 05/18/2009 11:40 jb 15may091509-r061.d Page 2

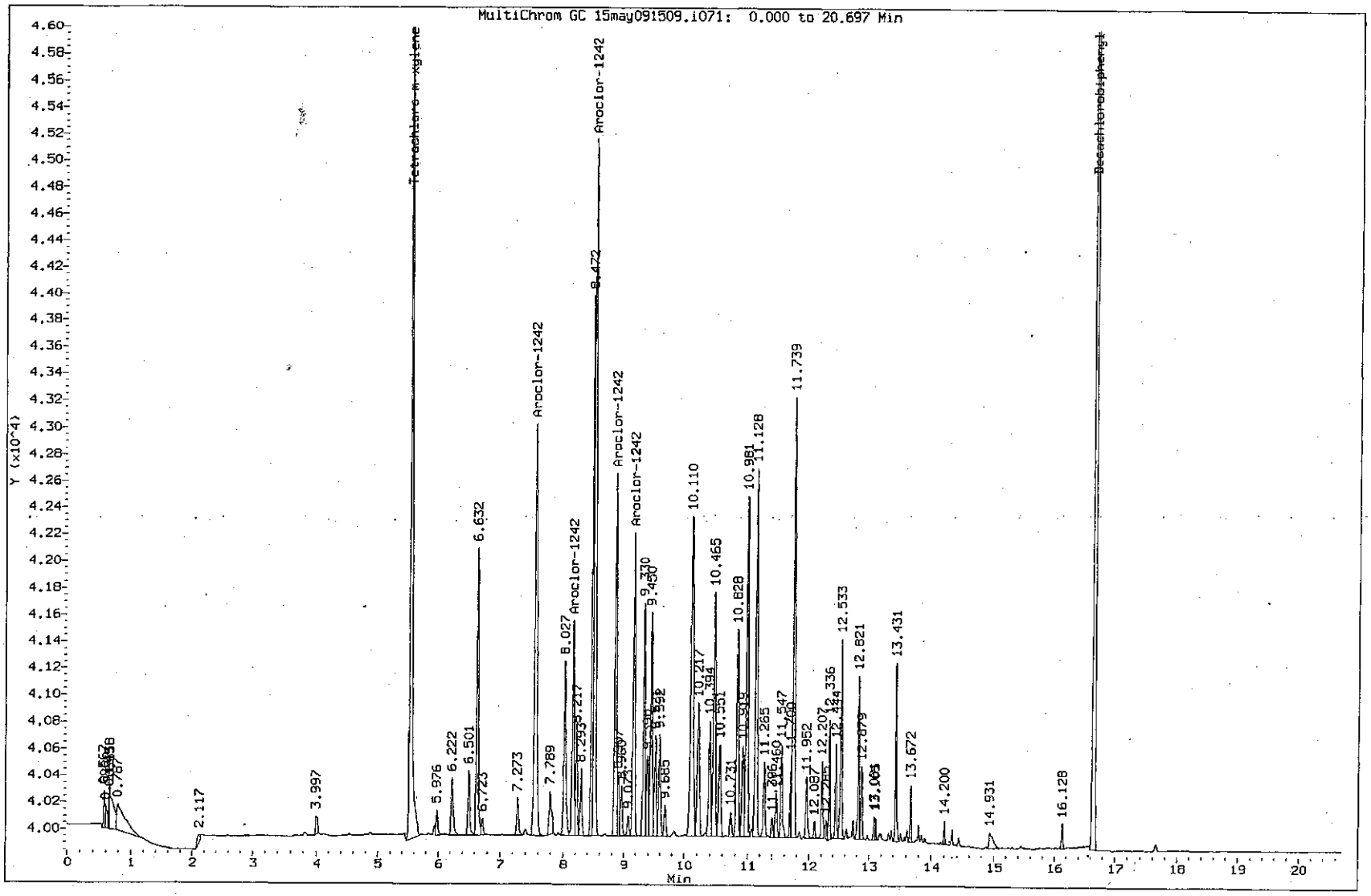
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12422G1	Client Sample ID: AR12422G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 17:36
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r071.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:40 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r071.d/15may091509.i071
Injection Date: 15-MAY-2009 17:36
Instrument: 5253_2.i
Client Sample ID: AR12422G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12422G1 Client Sample ID: AR12422G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 17:36
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r071.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:40 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.567			425	281			
	2	0.596			305	160			
	3	0.649			297	270			
	4	0.658			1278	338			
	5	0.787			1899	195			
	6	2.117			221	58			
	7	3.997			291	141			
$	8	5.533	5.530	0.003	15777	7180	0.01050349		Tetrachloro-m-xylene
	9	5.976			389	187			
	10	6.222			1113	431			
	11	6.501			985	480			
	12	6.632			4297	2142			
	13	6.723			270	126			
	14	7.273			578	279			
	15	7.541	7.543	-0.002	8930	3075	0.20381279		Aroclor-1242
	16	7.789			849	328			
	17	8.027			2941	1300			
	18	8.157	8.161	-0.004	3350	1606	0.21008912		Aroclor-1242
	19	8.217			1659	790			
	20	8.293			1040	501			
	21	8.472			7190	4036			
	22	8.503	8.505	-0.002	10882	5209	0.20003840		Aroclor-1242
	23	8.851	8.855	-0.004	5962	2710	0.20239362		Aroclor-1242
	24	8.907			922	454			
	25	8.960			824	376			
	26	9.073			336	154			
	27	9.159	9.162	-0.003	4897	2263	0.20636278		Aroclor-1242
	28	9.330			3805	1743			
	29	9.390			1260	603			
	30	9.450			3974	1672			
	31	9.521			1661	749			
	32	9.592			1697	756			
	33	9.685			516	231			
	34	10.110			7052	2384			
	35	10.217			2284	991			
	36	10.394			1961	859			
	37	10.465			4216	1822			
	38	10.551			1624	685			
	39	10.731			401	185			
	40	10.828			3579	1546			
	41	10.919			1535	674			
	42	10.981			5900	2542			
	43	11.128			6024	2758			
	44	11.265			1235	563			
	45	11.396			295	152			
	46	11.460			712	325			
	47	11.547			1451	694			
	48	11.700			885	611			
	49	11.739			6766	3287			
	50	11.952			934	458			
	51	12.087			223	125			
	52	12.207			1039	577			
	53	12.285			229	145			
	54	12.336			1342	889			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.444			1120	700			
	56	12.533			2641	1488			
	57	12.821			1863	1214			
	58	12.879			918	544			
	59	13.081			248	175			
	60	13.105			212	168			
	61	13.431			1954	1332			
	62	13.672			562	426			
	63	14.200			218	178			
	64	14.931			525	117			
	65	16.128			307	184			
$	66	16.643	16.635	0.007	27907	15377	0.01808378		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

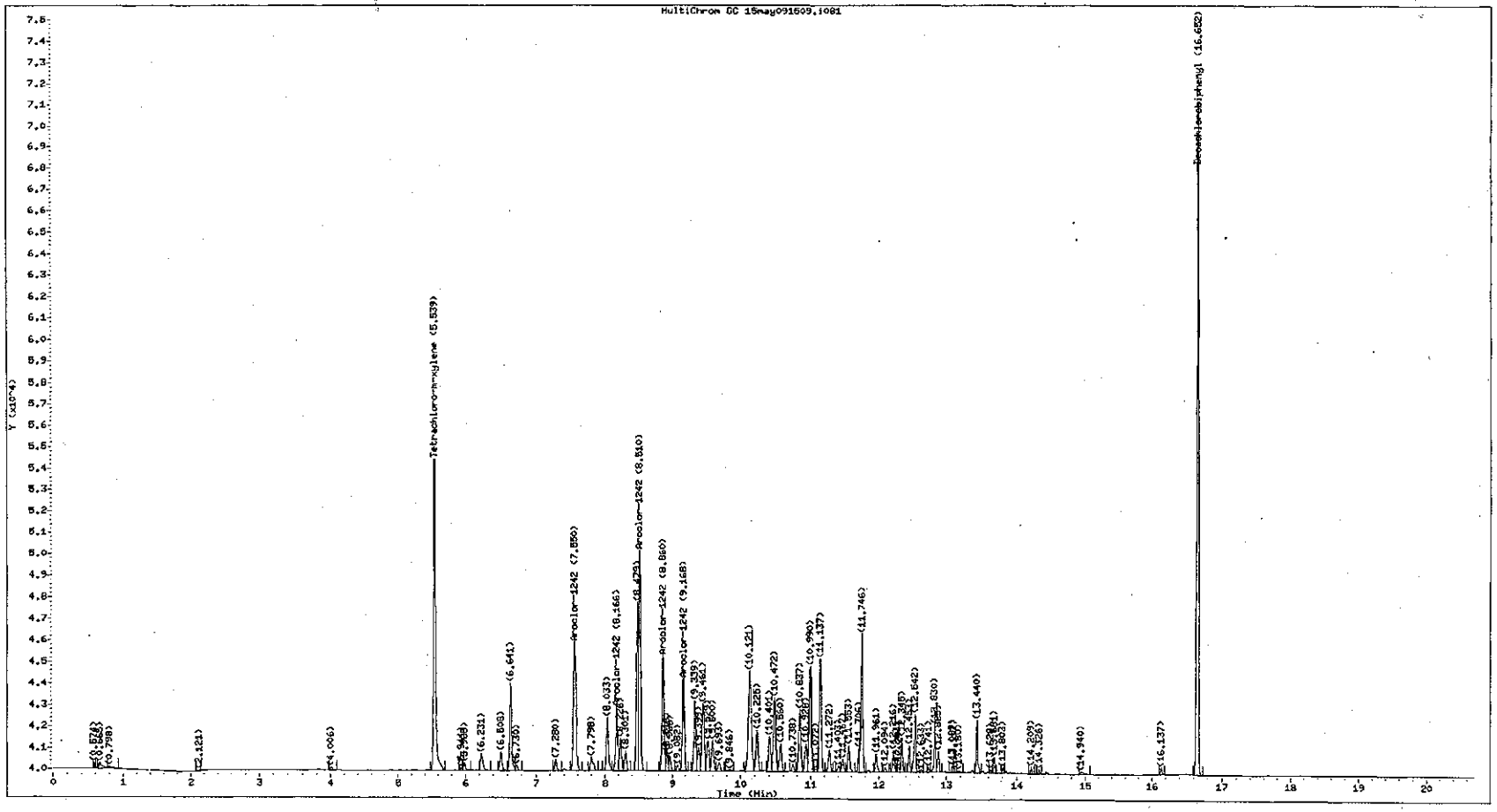
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0100	Tetrachloro-m-xylene
7.541	7.543	0.2000	Aroclor-1242
16.643	16.635	0.0200	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G1	Client Sample ID: AR12423G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:00
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r081.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:40 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G1 Client Sample ID: AR12423G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r081.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:40 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 18:00
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.574			224	274			
	2	0.665			923	273			
	3	0.798			506	91			
	4	2.121			226	70			
	5	4.006			391	149			
$	6	5.539	5.530	0.010	31200	14514	0.02123226		Tetrachloro-m-xylene
	7	5.941			237	138			
	8	5.985			746	348			
	9	6.231			2099	800			
	10	6.508			1845	894			
	11	6.641			8217	4082			
	12	6.730			550	249			
	13	7.280			1088	524			
	14	7.550	7.543	0.007	17095	5962	0.39516483		Aroclor-1242
	15	7.798			1872	642			
	16	8.033			5508	2485			
	17	8.166	8.161	0.005	6307	2986	0.39061401		Aroclor-1242
	18	8.226			3116	1506			
	19	8.301			1955	929			
	20	8.479			14168	7828			
	21	8.510	8.505	0.005	21083	10230	0.39285714		Aroclor-1242
	22	8.860	8.855	0.005	11367	5355	0.39993278		Aroclor-1242
	23	8.918			1716	850			
	24	8.966			1517	705			
	25	9.082			632	289			
	26	9.168	9.162	0.006	9339	4301	0.39220782		Aroclor-1242
	27	9.339			7116	3244			
	28	9.399			2351	1118			
	29	9.461			7443	3134			
	30	9.529			3145	1431			
	31	9.600			3178	1429			
	32	9.693			995	430			
	33	9.846			222	72			
	34	10.121			13536	4641			
	35	10.225			4337	1922			
	36	10.401			3702	1615			
	37	10.472			8031	3436			
	38	10.560			3045	1308			
	39	10.738			786	346			
	40	10.837			6767	2893			
	41	10.928			2902	1293			
	42	10.990			11186	4864			
	43	11.072			253	123			
	44	11.137			11481	5239			
	45	11.272			2265	1024			
	46	11.403			567	293			
	47	11.467			1330	611			
	48	11.553			2690	1255			
	49	11.706			1659	1115			
	50	11.746			12884	6400			
	51	11.961			1751	850			
	52	12.094			396	234			
	53	12.216			1888	1043			
	54	12.267			224	185			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.294			432	248			
56	12.345			2521	1618			
57	12.453			1935	1250			
58	12.542			4881	2723			
59	12.633			238	153			
60	12.741			377	257			
61	12.830			3471	2233			
62	12.885			1689	995			
63	13.089			432	322			
64	13.112			432	305			
65	13.180			203	99			
66	13.440			3588	2443			
67	13.628			217	178			
68	13.681			999	762			
69	13.803			321	270			
70	14.209			409	334			
71	14.326			272	220			
72	14.940			486	135			
73	16.137			538	341			
$ 74	16.652	16.635	0.016	54873	31314	0.03682614		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

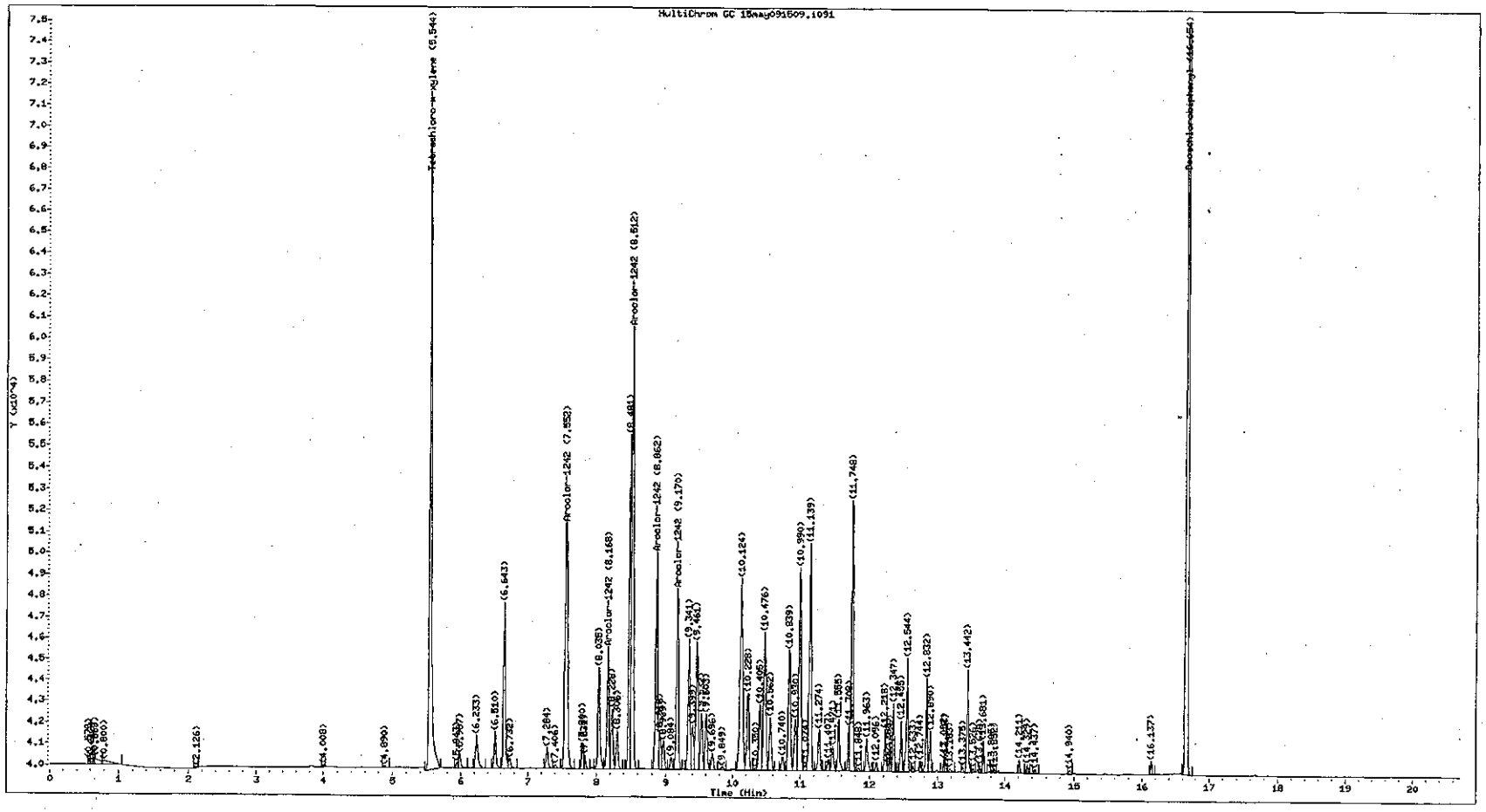
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.539	5.530	0.0200	Tetrachloro-m-xylene
7.550	7.543	0.4000	Aroclor-1242
16.652	16.635	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:40 jb 15may091509-r081.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12424G1	Client Sample ID: AR12424G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:23
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r091.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:40 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12424G1 Client Sample ID: AR12424G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r091.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:40 jb

Sample Type : CALIB_4
Injection Date : 15-MAY-2009 18:23
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.579			310	254			
	2	0.612			242	119			
	3	0.663			356	304			
	4	0.669			1226	324			
	5	0.800			1445	183			
	6	2.126			219	65			
	7	4.008			244	114			
	8	4.890			231	94			
$	9	5.544	5.530	0.014	63444	29632	0.04334810		Tetrachloro-m-xylene
	10	5.943			499	281			
	11	5.987			1533	665			
	12	6.233			4069	1548			
	13	6.510			3451	1714			
	14	6.643			15677	7837			
	15	6.732			1093	470			
	16	7.284			2104	985			
	17	7.406			453	180			
	18	7.552	7.543	0.009	32928	11603	0.76905360	M	Aroclor-1242
	19	7.800			2564	1196			
	20	7.831			1123	655			
	21	8.035			10632	4785			
	22	8.168	8.161	0.007	12177	5765	0.75414929	M	Aroclor-1242
	23	8.228			6025	2838			
	24	8.306			3763	1802			
	25	8.481			28769	15655			
	26	8.512	8.505	0.007	42896	20703	0.79504608	M	Aroclor-1242
	27	8.862	8.855	0.007	22119	10221	0.76334510	M	Aroclor-1242
	28	8.918			3424	1650			
	29	8.969			2925	1325			
	30	9.084			1235	557			
	31	9.170	9.162	0.008	18182	8544	0.77912663	M	Aroclor-1242
	32	9.341			13583	6156			
	33	9.399			4550	2091			
	34	9.461			14237	6031			
	35	9.532			5952	2646			
	36	9.603			5989	2633			
	37	9.696			1848	781			
	38	9.849			446	145			
	39	10.124			25922	9043			
	40	10.228			8249	3600			
	41	10.350			248	114			
	42	10.405			7092	3052			
	43	10.476			15378	6500			
	44	10.562			5758	2467			
	45	10.740			1510	648			
	46	10.839			13029	5663			
	47	10.930			5582	2404			
	48	10.990			21772	9548			
	49	11.074			521	248			
	50	11.139			22418	10682			
	51	11.274			4311	1936			
	52	11.407			1105	559			
	53	11.471			2534	1139			
	54	11.555			5101	2404			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	11.708			3037	2088			
	56	11.748			25735	12709			
	57	11.848			314	174			
	58	11.963			3259	1559			
	59	12.096			752	444			
	60	12.218			3607	1981			
	61	12.269			518	351			
	62	12.296			837	490			
	63	12.347			4900	3166			
	64	12.455			3745	2368			
	65	12.544			9400	5355			
	66	12.633			506	296			
	67	12.744			773	517			
	68	12.832			6746	4361			
	69	12.890			3278	1905			
	70	13.092			835	603			
	71	13.114			790	567			
	72	13.183			351	190			
	73	13.375			378	286			
	74	13.442			7011	4830			
	75	13.526			298	221			
	76	13.628			445	346			
	77	13.681			1933	1478			
	78	13.805			225	174			
	79	13.852			269	211			
	80	14.211			780	635			
	81	14.329			544	426			
	82	14.437			312	212			
	83	14.940			398	194			
	84	16.137			1022	642			
$	85	16.654	16.635	0.019	113436	65999	0.07761666		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.544	5.530	0.0400	Tetrachloro-m-xylene
7.552	7.543	0.8000	Aroclor-1242
16.654	16.635	0.0800	Decachlorobiphenyl

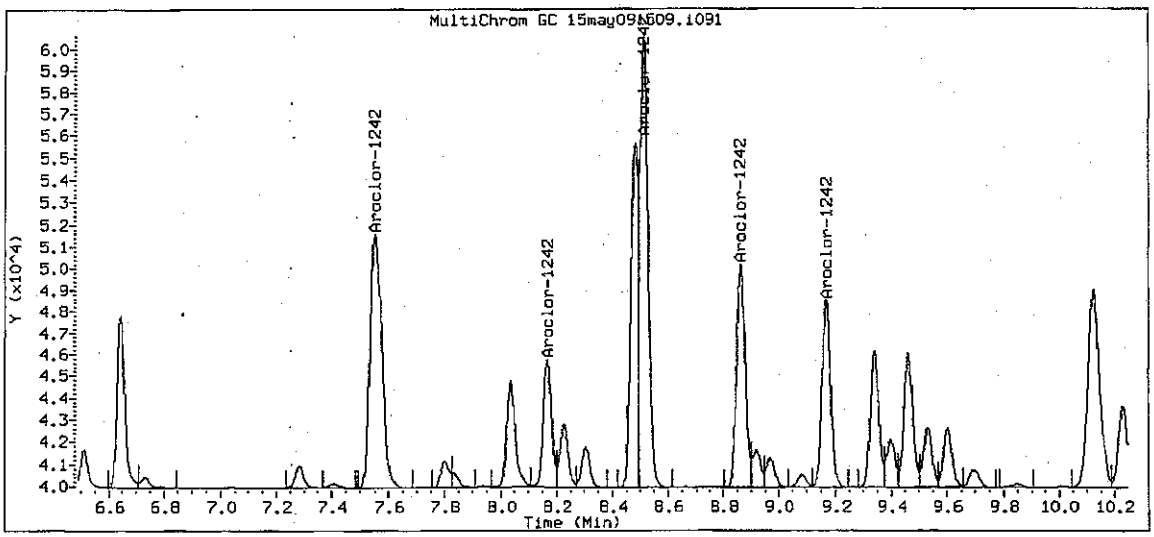
Reported: 05/18/2009 11:40 jb 15may091509-r091.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r091.d
Client Sample ID: AR12424G1
Compound Name: Aroclor-1242

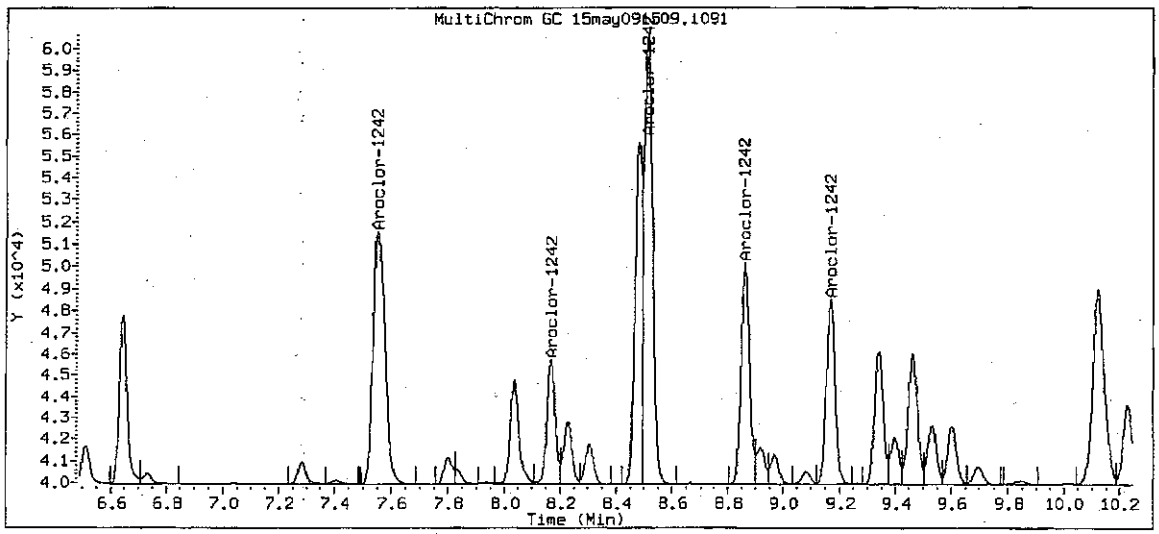
Inj. Date and Time: 15-MAY-2009 18:23
Instrument ID: 5253_2.i
CAS #: 53469-21-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:40



Original Integration:

RT = 7.5522 Height = 11596
RT = 8.1684 Height = 5742
RT = 8.5120 Height = 20698
RT = 8.8622 Height = 10215
RT = 9.1703 Height = 8538



Final Integration:

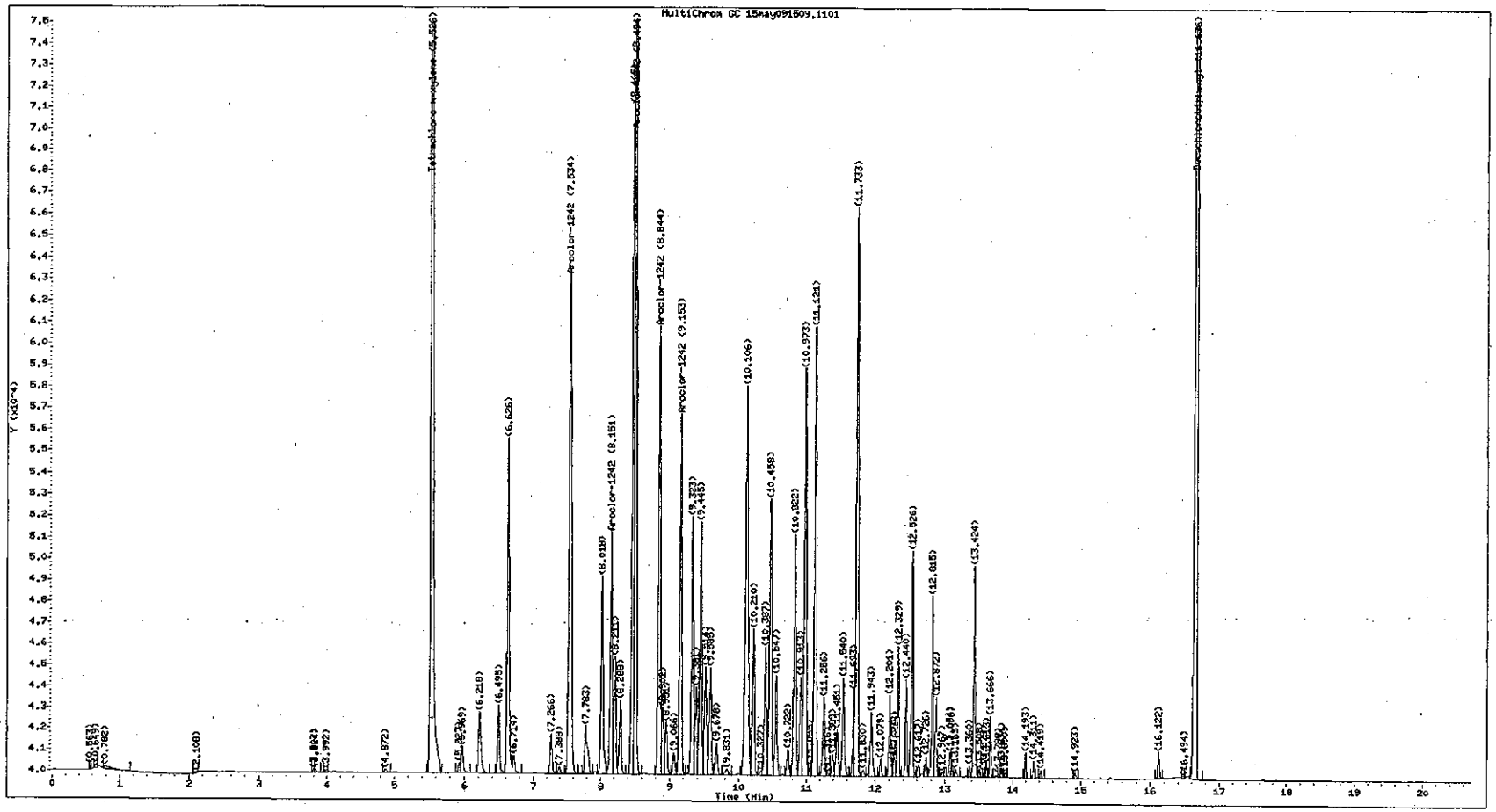
RT = 7.5522 Height = 11603
RT = 8.1684 Height = 5765
RT = 8.5120 Height = 20703
RT = 8.8622 Height = 10221
RT = 9.1703 Height = 8544

Manual Integration Reason: MI1 - Poor automated baseline

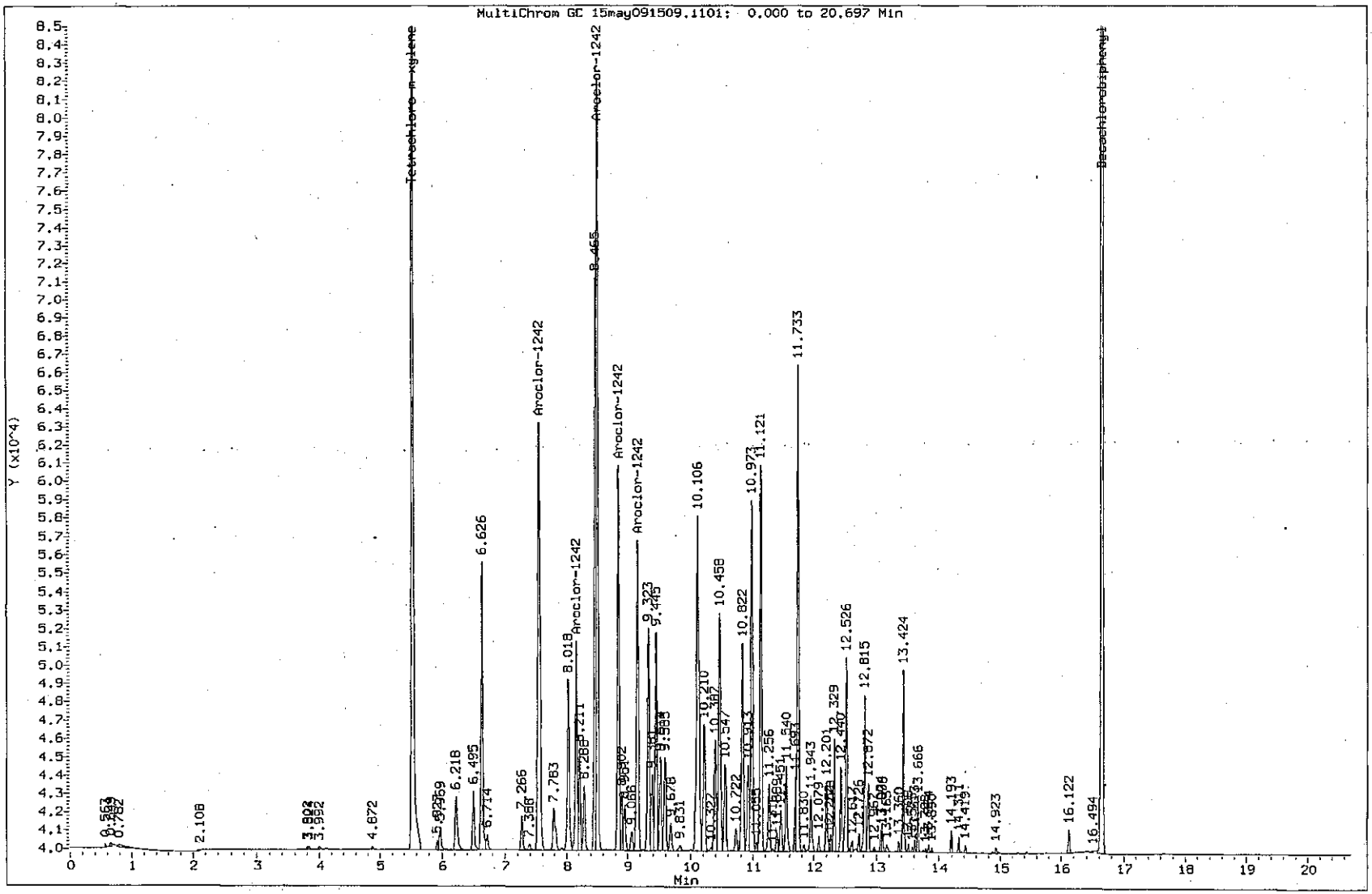
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12425G1	Client Sample ID: AR12425G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:47
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r101.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:41 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r101.d/15may091509.i101
Injection Date: 15-MAY-2009 18:47
Instrument: 5253_2.i
Client Sample ID: AR12425G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12425G1 Client Sample ID: AR12425G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 18:47
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091509-r101.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:41 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.563			212	213			
	2	0.649			388	218			
	3	0.782			1196	134			
	4	2.108			217	66			
	5	3.802			220	163			
	6	3.824			294	151			
	7	3.992			241	119			
	8	4.872			400	166			
$	9	5.526	5.530	-0.004	128474	60376	0.08832292	A	Tetrachloro-m-xylene
	10	5.927			855	505			
	11	5.969			2709	1222			
	12	6.218			7590	2896			
	13	6.495			6498	3215			
	14	6.626			30663	15686			
	15	6.714			2038	859			
	16	7.266			3883	1857			
	17	7.388			763	329			
	18	7.534	7.543	-0.008	65188	23317	1.54546434	M	Aroclor-1242
	19	7.783			6801	2270			
	20	8.018			20605	9286			
	21	8.151	8.161	-0.011	23736	11393	1.49037691	M	Aroclor-1242
	22	8.211			11607	5529			
	23	8.288			7198	3491			
	24	8.465			58059	31271			
	25	8.494	8.505	-0.011	87776	42226	1.62158218	M	Aroclor-1242
	26	8.844	8.855	-0.010	43942	20920	1.56238914	M	Aroclor-1242
	27	8.902			6556	3149			
	28	8.951			5528	2463			
	29	9.066			2275	1027			
	30	9.153	9.162	-0.009	36175	16869	1.53828267	M	Aroclor-1242
	31	9.323			26207	12091			
	32	9.381			8642	4095			
	33	9.445			27487	11860			
	34	9.514			11304	5069			
	35	9.585			11339	5032			
	36	9.678			3465	1492			
	37	9.831			840	282			
	38	10.106			51064	18191			
	39	10.210			15711	6847			
	40	10.327			478	218			
	41	10.387			13519	6014			
	42	10.458			29927	12950			
	43	10.547			10918	4685			
	44	10.722			2818	1231			
	45	10.822			25290	11302			
	46	10.913			10569	4633			
	47	10.973			42909	19025			
	48	11.055			958	477			
	49	11.121			44561	20923			
	50	11.256			8090	3664			
	51	11.316			283	142			
	52	11.389			2088	1011			
	53	11.451			4785	2176			
	54	11.540			9633	4606			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	11.693			6104	4022			
	56	11.733			51614	26452			
	57	11.830			635	333			
	58	11.943			6167	3005			
	59	12.079			1427	823			
	60	12.201			6849	3777			
	61	12.252			978	684			
	62	12.278			1599	920			
	63	12.329			9546	6086			
	64	12.440			7143	4558			
	65	12.526			18342	10540			
	66	12.617			980	572			
	67	12.726			1457	957			
	68	12.815			13101	8471			
	69	12.872			6269	3707			
	70	12.967			350	244			
	71	13.074			1643	1152			
	72	13.096			1624	1135			
	73	13.163			708	372			
	74	13.360			732	558			
	75	13.424			14018	9863			
	76	13.508			556	413			
	77	13.575			340	272			
	78	13.613			855	656			
	79	13.666			3702	2861			
	80	13.788			234	177			
	81	13.834			514	408			
	82	13.890			288	235			
	83	14.193			1477	1192			
	84	14.311			1054	825			
	85	14.419			596	402			
	86	14.923			480	296			
	87	16.122			2011	1239			
	88	16.494			237	90			
$	89	16.636	16.635	0.001	239660	137533	0.16174264	A	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.526	5.530	0.0800	Tetrachloro-m-xylene
7.534	7.543	1.6000	Aroclor-1242
16.636	16.635	0.1600	Decachlorobiphenyl

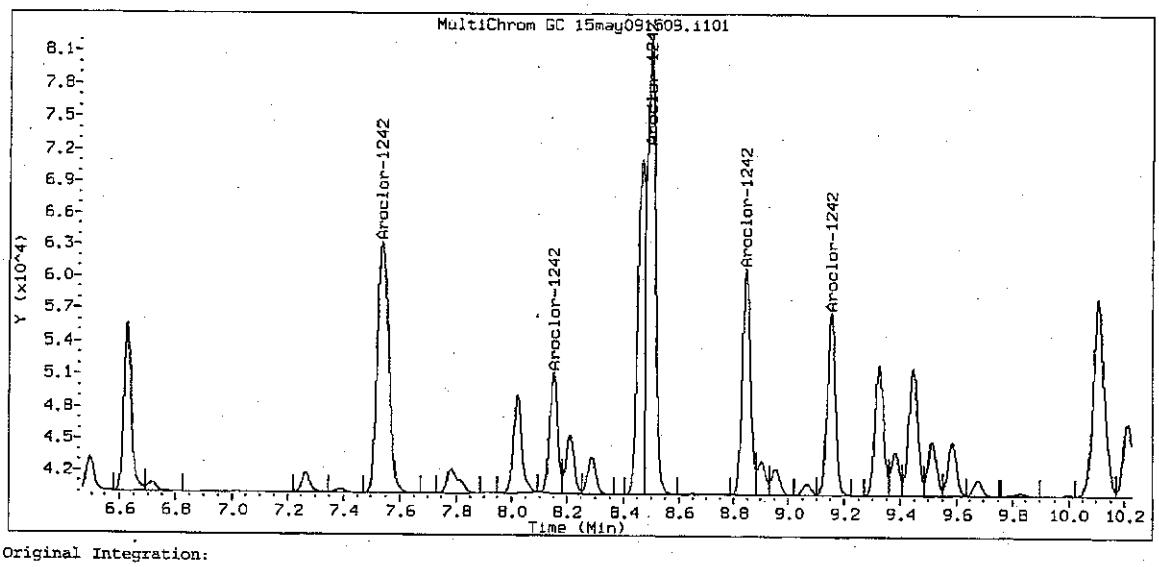
Reported: 05/18/2009 11:41 jb 15may091509-r101.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r101.d
Client Sample ID: AR12425G1
Compound Name: Aroclor-1242

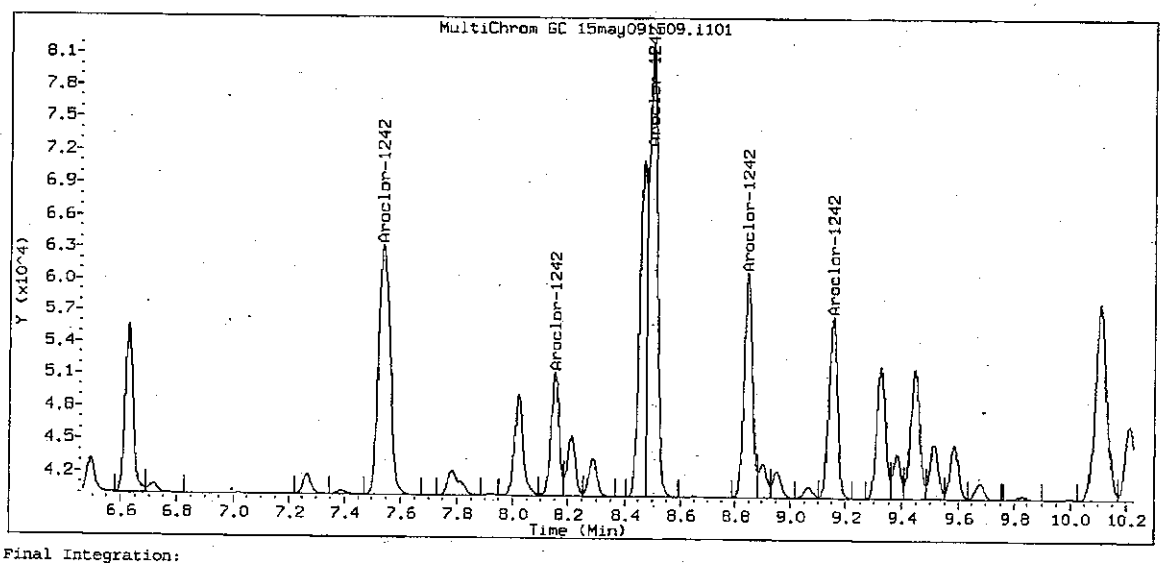
Inj. Date and Time: 15-MAY-2009 18:47
Instrument ID: 5253_2.i
CAS #: 53469-21-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:41



Original Integration:

RT = 7.5344 Height = 23317
RT = 8.1507 Height = 11348
RT = 8.4943 Height = 42215
RT = 8.8445 Height = 20907
RT = 9.1526 Height = 16859



Final Integration:

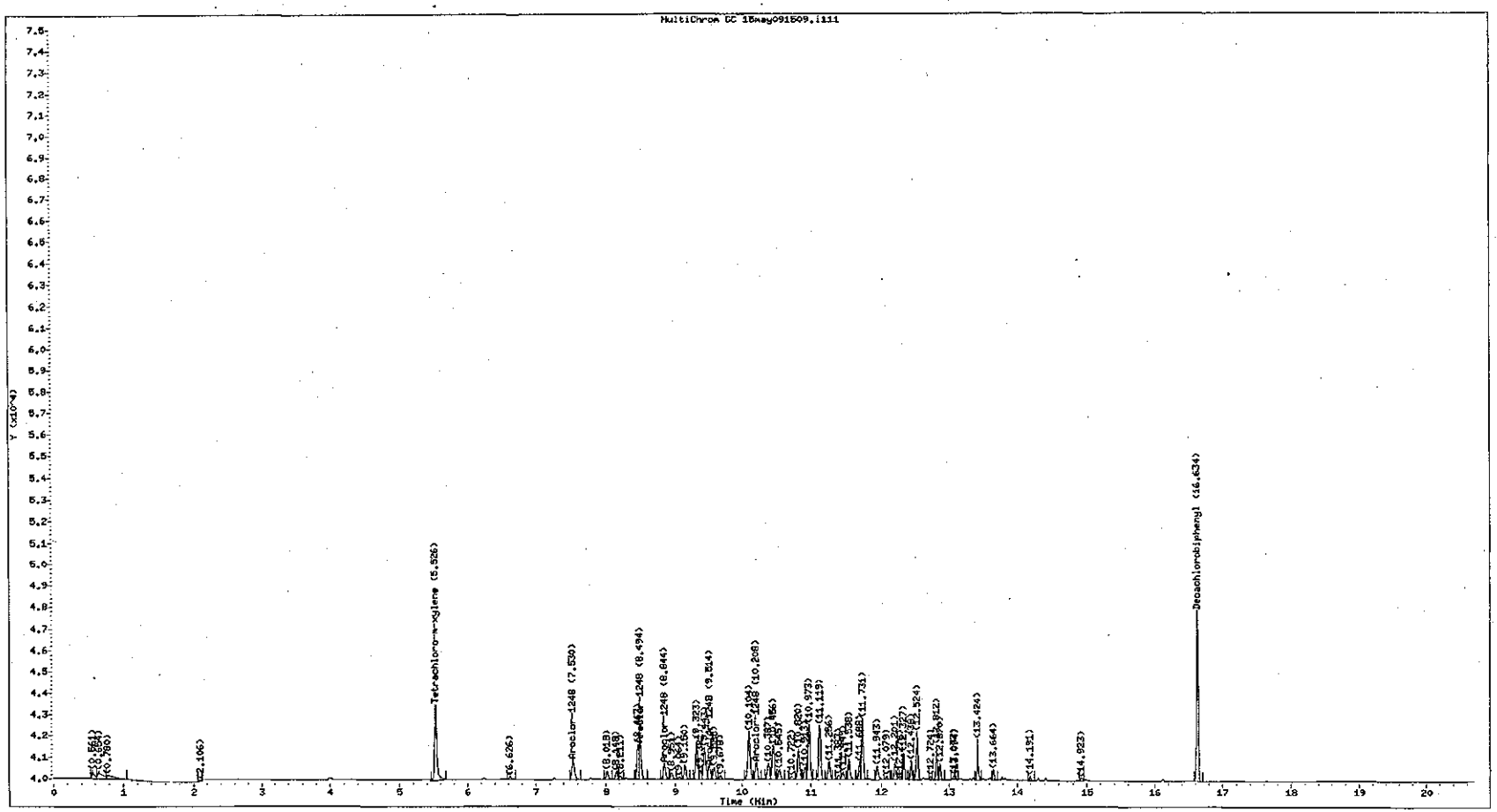
RT = 7.5344 Height = 23317
RT = 8.1507 Height = 11393
RT = 8.4943 Height = 42226
RT = 8.8445 Height = 20920
RT = 9.1526 Height = 16869

Manual Integration Reason: MI1 - Poor automated baseline

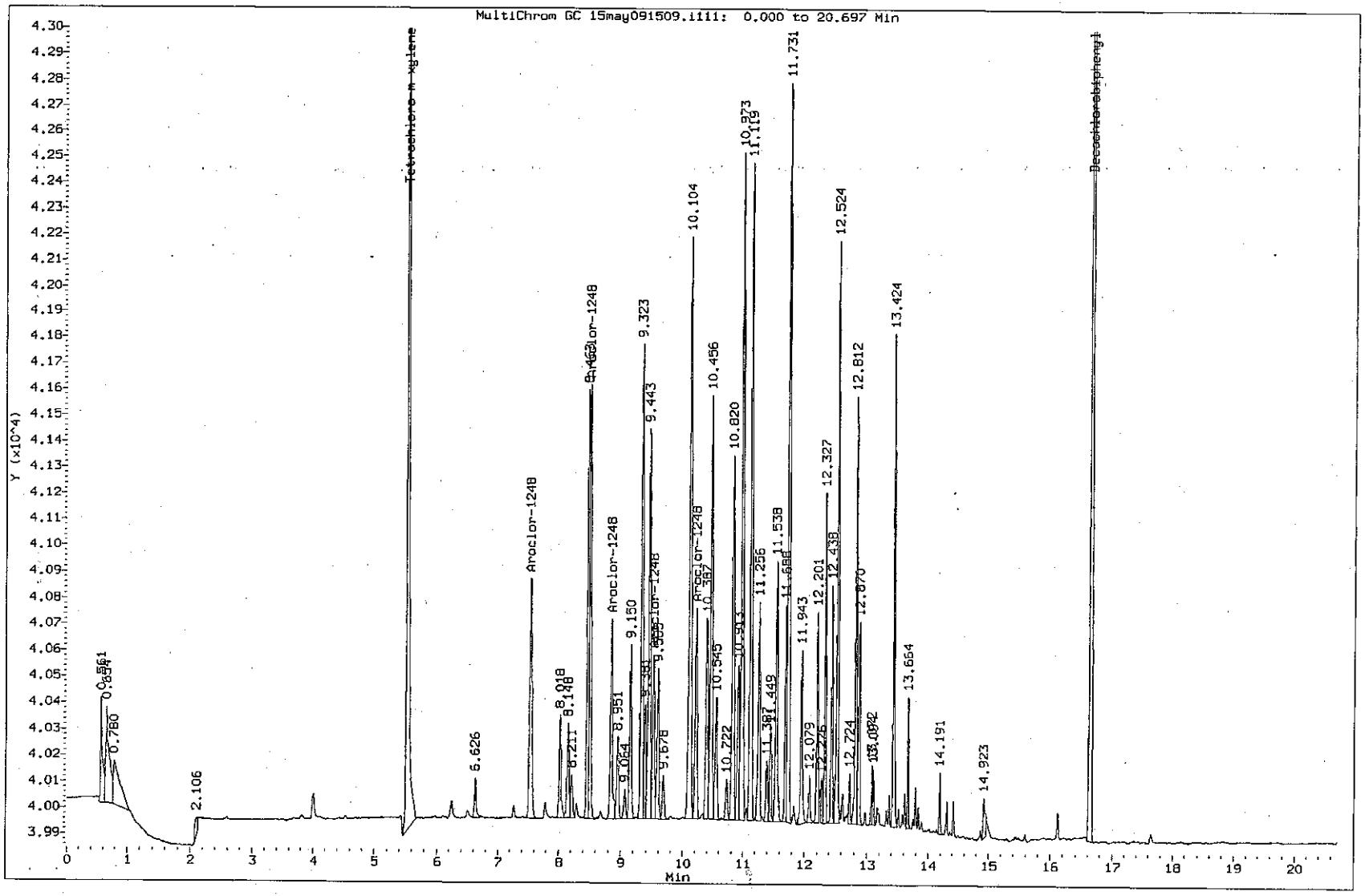
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12481G1	Client Sample ID: AR12481G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:11
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r111.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:41 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r111.d/15may091509.i111
Injection Date: 15-MAY-2009 19:11
Instrument: 5253_2.i
Client Sample ID: AR12481G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12481G1 Client Sample ID: AR12481G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r111.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:41 jb

Sample Type : CALIB_1
Injection Date : 15-MAY-2009 19:11
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.561			847	402			
	2	0.654			1448	369			
	3	0.780			1324	170			
	4	2.106			208	64			
$	5	5.526	5.530	-0.004	8329	3540	0.00517860		Tetrachloro-m-xylene
	6	6.626			313	149			
	7	7.530	7.532	-0.002	2464	913	0.10589037		Aroclor-1248
	8	8.018			869	392			
	9	8.148			777	359			
	10	8.211			356	165			
	11	8.463			3190	1635			
	12	8.494	8.493	0.001	3371	1657	0.10139906		Aroclor-1248
	13	8.844	8.843	0.002	1815	761	0.10481191		Aroclor-1248
	14	8.951			705	311			
	15	9.064			237	111			
	16	9.150			1461	661			
	17	9.323			3975	1811			
	18	9.381			899	437			
	19	9.443			3427	1487			
	20	9.514	9.512	0.002	1404	624	0.10422147		Aroclor-1248
	21	9.585			1290	572			
	22	9.678			376	166			
	23	10.104			5497	2226			
	24	10.208	10.211	-0.003	1834	803	0.10624152		Aroclor-1248
	25	10.387			1739	762			
	26	10.456			3796	1615			
	27	10.545			1108	463			
	28	10.722			341	153			
	29	10.820			3255	1388			
	30	10.913			1310	588			
	31	10.973			5966	2559			
	32	11.119			5497	2519			
	33	11.256			1842	834			
	34	11.387			444	229			
	35	11.449			729	351			
	36	11.538			2054	991			
	37	11.688			1353	827			
	38	11.731			5836	2838			
	39	11.943			1394	661			
	40	12.079			328	177			
	41	12.201			1459	805			
	42	12.276			258	170			
	43	12.327			1914	1260			
	44	12.438			1459	904			
	45	12.524			3700	2229			
	46	12.724			274	191			
	47	12.812			2554	1632			
	48	12.870			1376	772			
	49	13.072			314	223			
	50	13.094			274	209			
	51	13.424			2760	1882			
	52	13.664			647	500			
	53	14.191			289	229			
	54	14.923			347	151			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
$ 55	16.634	16.635	-0.001	14559	7897	0.00928709	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

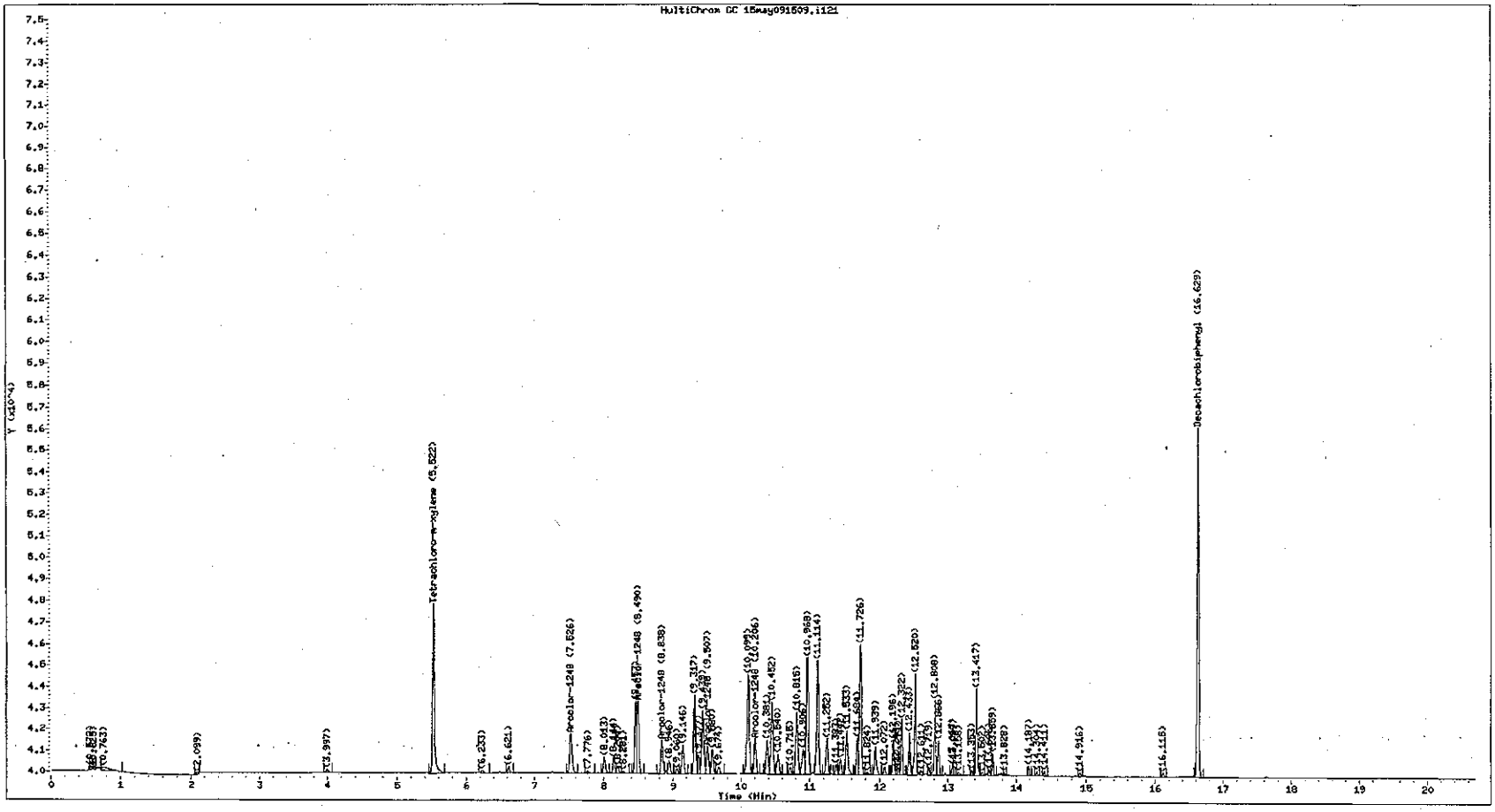
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.526	5.530	0.0050	Tetrachloro-m-xylene
7.530	7.532	0.1000	Aroclor-1248
16.634	16.635	0.0100	Decachlorobiphenyl

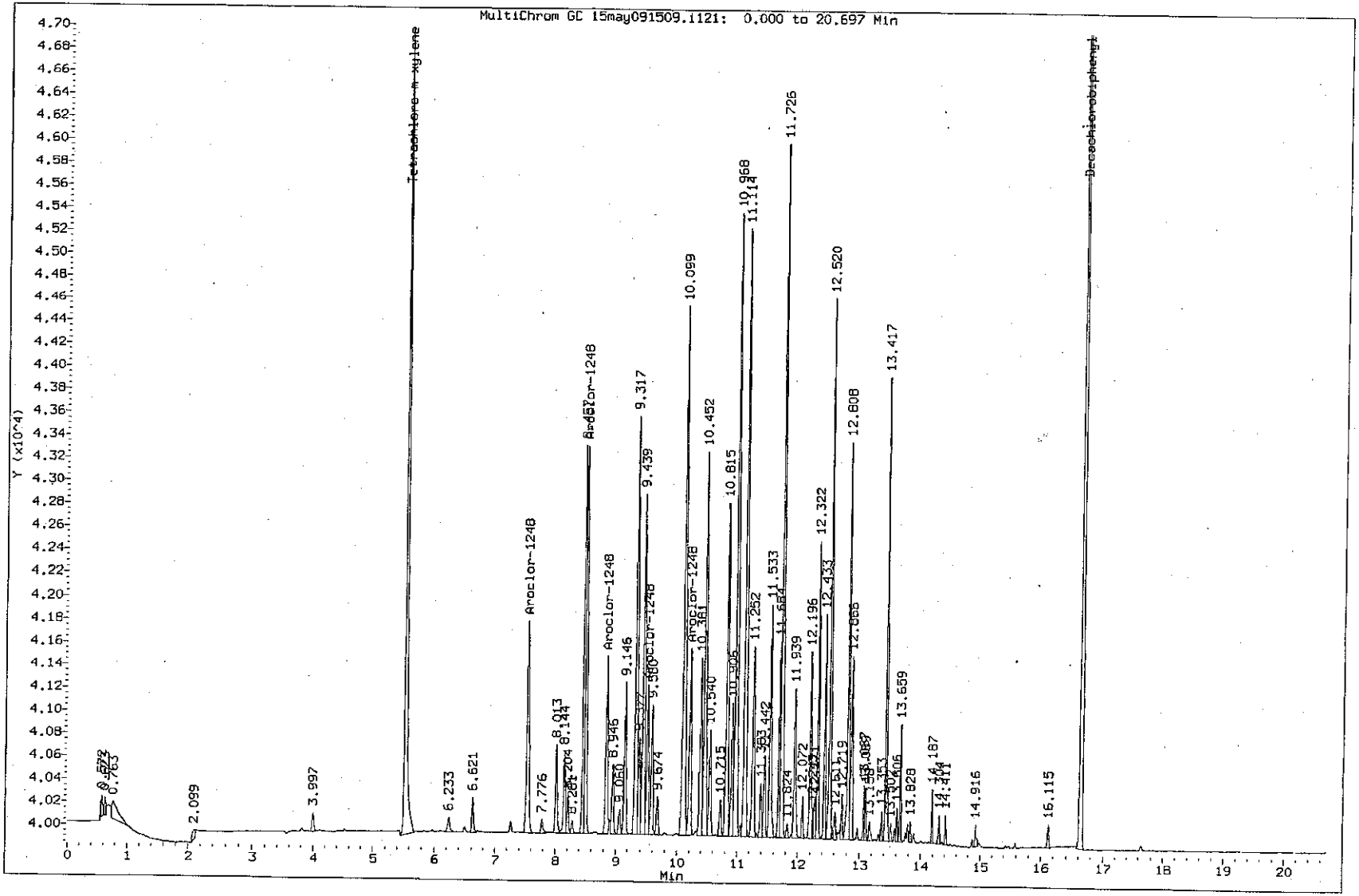
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12482G1	Client Sample ID: AR12482G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:35
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r121.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:41 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r121.d/15may091509.1121
Injection Date: 15-MAY-2009 19:35
Instrument: 5253_2.i
Client Sample ID: AR12482G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12482G1 Client Sample ID: AR12482G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r121.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:41 jb

Sample Type : CALIB_2
Injection Date : 15-MAY-2009 19:35
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.572			257	185			
	2	0.623			202	155			
	3	0.763			1224	155			
	4	2.099			249	81			
	5	3.997			383	167			
$	6	5.522	5.530	-0.008	16234	7897	0.01155237		Tetrachloro-m-xylene
	7	6.233			372	132			
	8	6.621			620	304			
	9	7.526	7.532	-0.006	4787	1850	0.21456428		Aroclor-1248
	10	7.776			294	121			
	11	8.013			1638	776			
	12	8.144			1525	716			
	13	8.204			688	340			
	14	8.281			237	113			
	15	8.457			6182	3381			
	16	8.490	8.493	-0.003	6891	3377	0.20665336		Aroclor-1248
	17	8.838	8.843	-0.005	3368	1555	0.21416889		Aroclor-1248
	18	8.946			1368	608			
	19	9.060			481	219			
	20	9.146			2907	1322			
	21	9.317			7871	3641			
	22	9.377			1726	846			
	23	9.439			6766	2962			
	24	9.507	9.512	-0.005	2831	1303	0.21762913		Aroclor-1248
	25	9.580			2499	1131			
	26	9.674			723	333			
	27	10.099			11299	4606			
	28	10.206	10.211	-0.006	3681	1632	0.21592300		Aroclor-1248
	29	10.381			3500	1553			
	30	10.452			7644	3342			
	31	10.540			2166	924			
	32	10.715			723	319			
	33	10.815			6696	2896			
	34	10.906			2677	1161			
	35	10.968			12412	5447			
	36	11.114			11486	5310			
	37	11.252			3663	1661			
	38	11.383			927	469			
	39	11.442			1493	715			
	40	11.533			4237	2027			
	41	11.684			2736	1712			
	42	11.726			12519	6055			
	43	11.824			226	126			
	44	11.939			2679	1301			
	45	12.072			614	363			
	46	12.196			2966	1630			
	47	12.243			416	269			
	48	12.271			585	352			
	49	12.322			4086	2587			
	50	12.433			3045	1958			
	51	12.520			7727	4711			
	52	12.611			429	240			
	53	12.719			609	399			
	54	12.808			5390	3457			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.866			2831	1604			
56	13.067			667	478			
57	13.089			679	447			
58	13.158			350	162			
59	13.353			362	259			
60	13.417			5967	4033			
61	13.502			247	158			
62	13.606			391	297			
63	13.659			1366	1020			
64	13.828			232	177			
65	14.187			567	472			
66	14.304			350	253			
67	14.411			351	258			
68	14.916			333	190			
69	16.115			335	200			
$ 70	16.629	16.635	-0.006	28911	16217	0.01907164		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

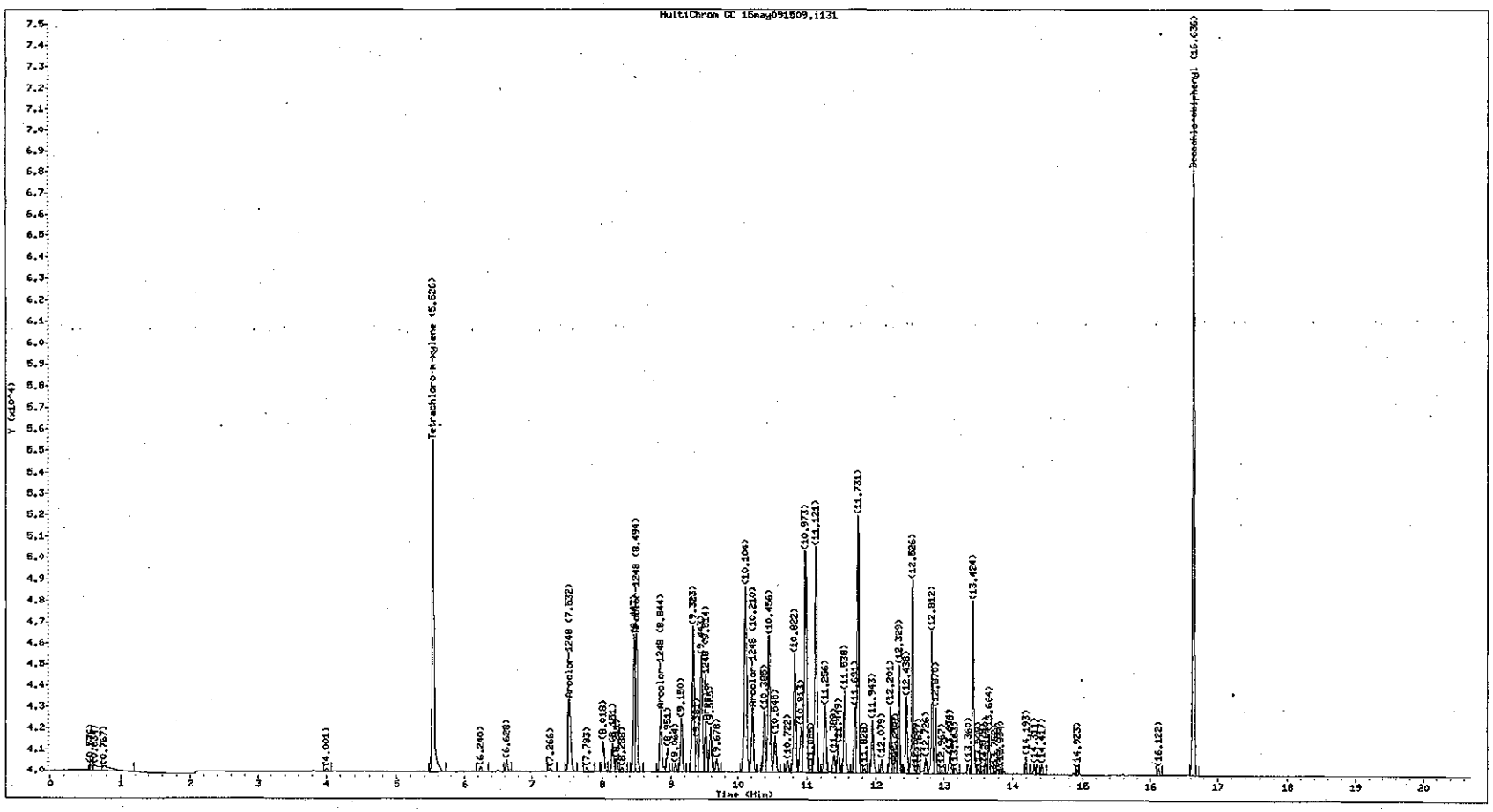
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.522	5.530	0.0100	Tetrachloro-m-xylene
7.526	7.532	0.2000	Aroclor-1248
16.629	16.635	0.0200	Decachlorobiphenyl

Reported: 05/18/2009 11:41 jb 15may091509-r121.d Page 2

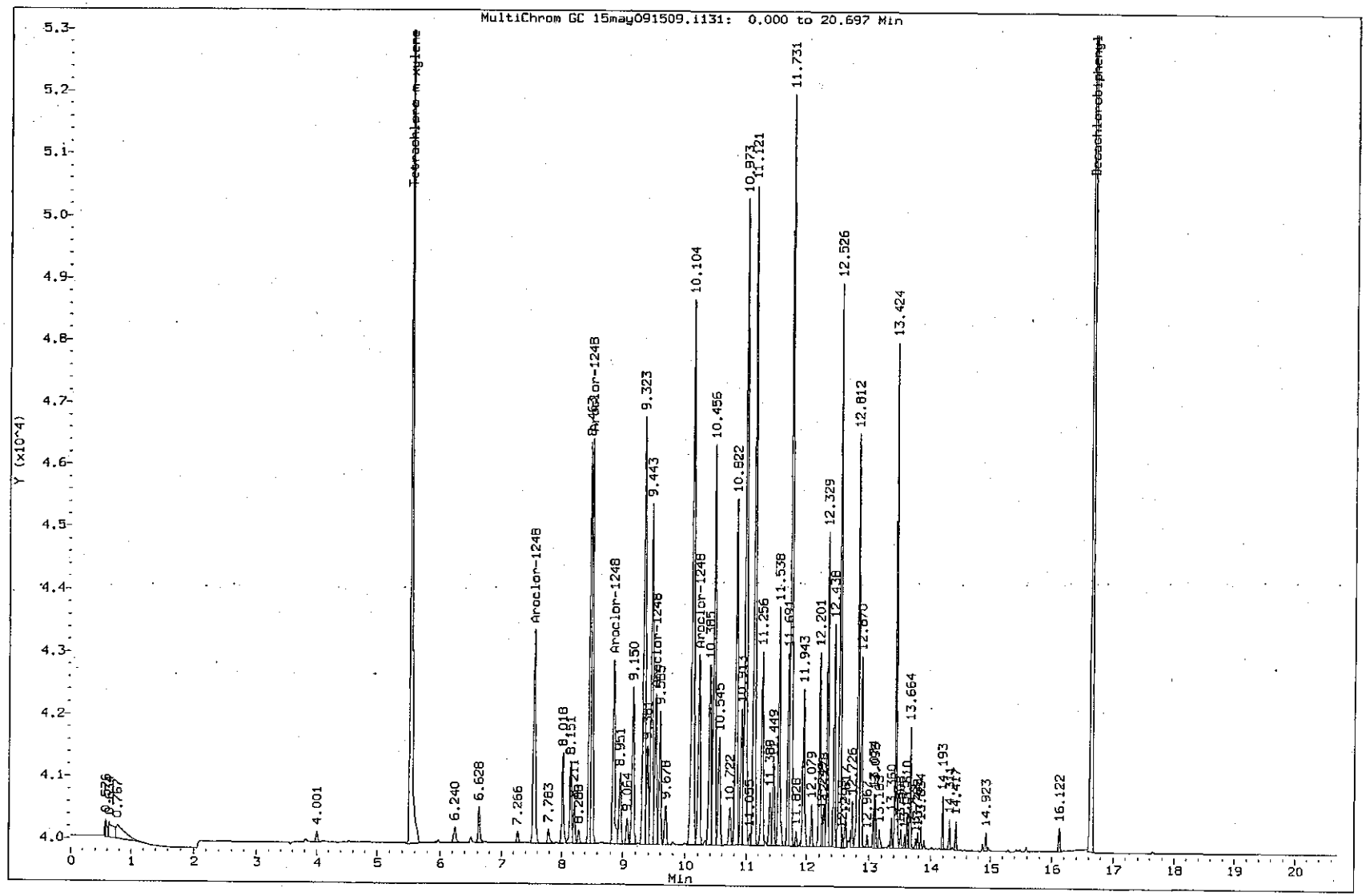
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G1	Client Sample ID: AR12483G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 19:58
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r131.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:41 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r131.d/15may091509.i131
Injection Date: 15-MAY-2009 19:58
Instrument: 5253_2.i
Client Sample ID: AR12483G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G1 Client Sample ID: AR12483G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r131.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:41 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 19:58
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.576			448	284			
	2	0.634			1300	254			
	3	0.767			2219	216			
	4	4.001			414	173			
$	5	5.526	5.530	-0.004	31662	15535	0.02272586		Tetrachloro-m-xylene
	6	6.240			670	251			
	7	6.628			1170	569			
	8	7.266			364	179			
	9	7.532	7.532	0.001	8969	3419	0.39653798		Aroclor-1248
	10	7.783			559	226			
	11	8.018			3073	1444			
	12	8.151			2836	1317			
	13	8.211			1312	628			
	14	8.288			446	211			
	15	8.463			12192	6421			
	16	8.494	8.493	0.001	12829	6490	0.39715140		Aroclor-1248
	17	8.844	8.843	0.002	6639	2939	0.40478609		Aroclor-1248
	18	8.951			2534	1132			
	19	9.064			893	410			
	20	9.150			5458	2508			
	21	9.323			14754	6844			
	22	9.381			3319	1574			
	23	9.443			12641	5457			
	24	9.514	9.512	0.002	5366	2401	0.40101883		Aroclor-1248
	25	9.585			4670	2127			
	26	9.678			1377	616			
	27	10.104			21648	8739			
	28	10.210	10.211	-0.001	6885	3036	0.40168028		Aroclor-1248
	29	10.385			6529	2877			
	30	10.456			14509	6399			
	31	10.545			4020	1727			
	32	10.722			1315	587			
	33	10.822			12618	5533			
	34	10.913			4863	2168			
	35	10.973			23646	10358			
	36	11.055			356	185			
	37	11.121			21978	10567			
	38	11.256			6743	3091			
	39	11.389			1667	839			
	40	11.449			2722	1314			
	41	11.538			7838	3816			
	42	11.691			4999	3081			
	43	11.731			23876	12039			
	44	11.828			412	234			
	45	11.943			4977	2507			
	46	12.079			1147	666			
	47	12.201			5473	3102			
	48	12.249			764	500			
	49	12.278			1115	659			
	50	12.329			7768	5030			
	51	12.438			5585	3560			
	52	12.526			14605	9038			
	53	12.569			292	210			
	54	12.617			787	437			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.726			1135	742			
	56	12.812			10107	6616			
	57	12.870			5311	3045			
	58	12.967			289	204			
	59	13.074			1267	864			
	60	13.096			1207	829			
	61	13.163			584	299			
	62	13.360			678	487			
	63	13.424			11420	8090			
	64	13.508			449	298			
	65	13.575			313	230			
	66	13.610			740	551			
	67	13.664			2572	1943			
	68	13.752			242	167			
	69	13.788			335	256			
	70	13.834			469	350			
	71	14.193			1061	841			
	72	14.311			660	476			
	73	14.417			645	462			
	74	14.923			379	297			
	75	16.122			609	368			
$	76	16.636	16.635	0.001	56952	32119	0.03777284		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

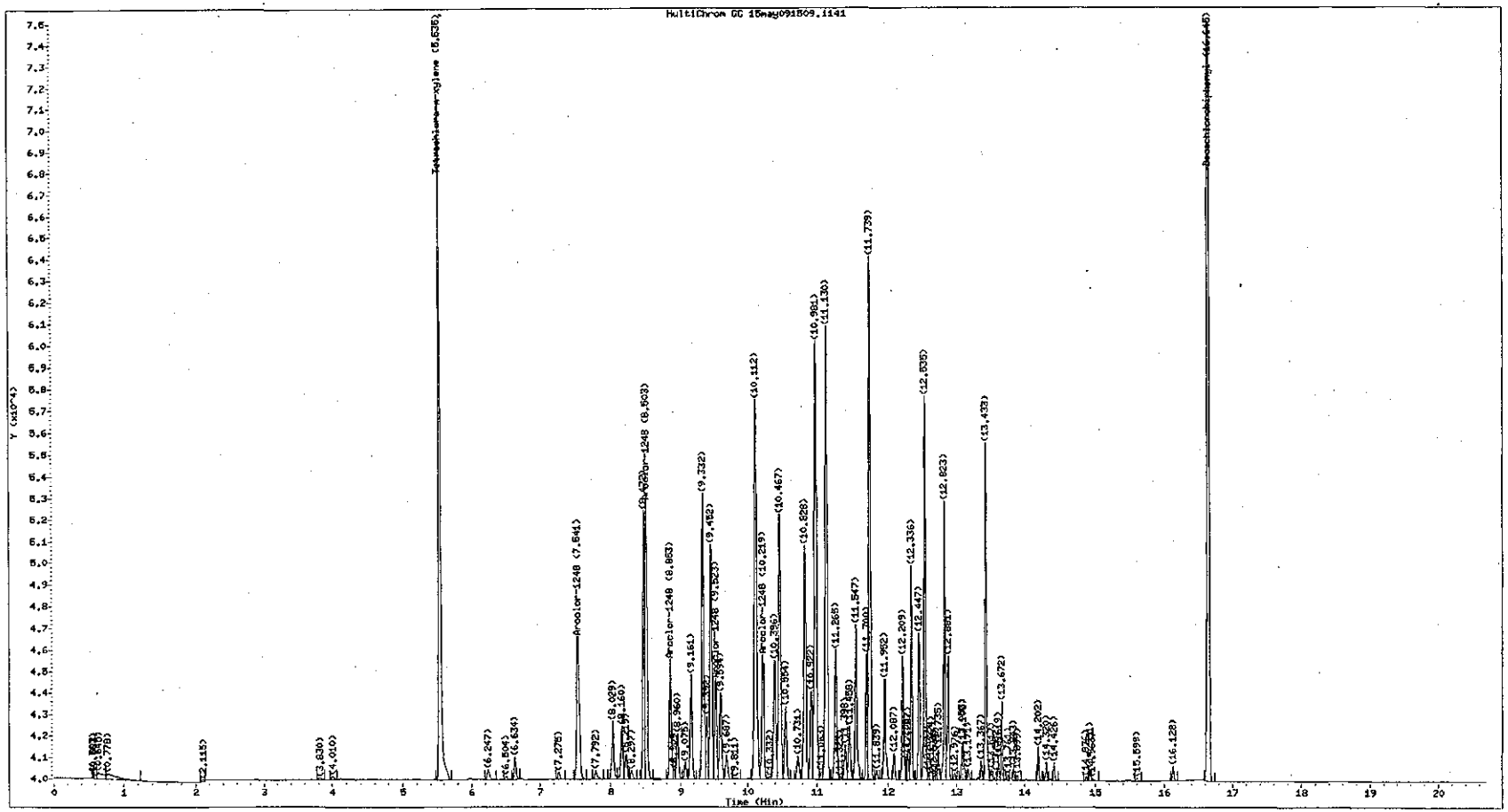
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.526	5.530	0.0200	Tetrachloro-m-xylene
7.532	7.532	0.4000	Aroclor-1248
16.636	16.635	0.0400	Decachlorobiphenyl

Reported: 05/18/2009 11:41 jb 15may091509-r131.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12484G1	Client Sample ID: AR12484G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 15-MAY-2009 20:22
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r141.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:41 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12484G1 Client Sample ID: AR12484G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r141.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:41 jb

Sample Type : CALIB_4
Injection Date : 15-MAY-2009 20:22
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.567			262	236			
	2	0.583			478	274			
	3	0.645			1641	298			
	4	0.778			2590	237			
	5	2.115			246	74			
	6	3.830			277	91			
	7	4.010			413	172			
$	8	5.535	5.530	0.005	63745	31521	0.04611148		Tetrachloro-m-xylene
	9	6.247			1245	475			
	10	6.504			359	171			
	11	6.634			2189	1050			
	12	7.275			720	346			
	13	7.541	7.532	0.009	17108	6612	0.76686432		Aroclor-1248
	14	7.792			1068	432			
	15	8.029			5811	2698			
	16	8.160			5360	2480			
	17	8.219			2467	1173			
	18	8.297			853	400			
	19	8.472			23580	12422			
	20	8.503	8.493	0.010	25363	12871	0.78763262		Aroclor-1248
	21	8.853	8.843	0.011	11990	5558	0.76549884		Aroclor-1248
	22	8.909			739	467			
	23	8.960			4726	2117			
	24	9.075			1670	776			
	25	9.161			10450	4855			
	26	9.332			28329	13230			
	27	9.392			6257	2943			
	28	9.452			24217	10840			
	29	9.523	9.512	0.010	10100	4641	0.77514719		Aroclor-1248
	30	9.594			8805	3971			
	31	9.687			2584	1130			
	32	9.811			201	78			
	33	10.112			42183	17502			
	34	10.219	10.211	0.008	13103	5782	0.76499190		Aroclor-1248
	35	10.332			309	136			
	36	10.396			12349	5506			
	37	10.467			28099	12251			
	38	10.554			7571	3345			
	39	10.731			2521	1118			
	40	10.828			24344	10798			
	41	10.922			9333	4088			
	42	10.981			46290	20198			
	43	11.063			764	369			
	44	11.130			43083	20877			
	45	11.265			12863	6002			
	46	11.323			269	150			
	47	11.398			3184	1631			
	48	11.458			5199	2485			
	49	11.547			14820	7181			
	50	11.700			9806	5824			
	51	11.739			47438	24116			
	52	11.839			801	435			
	53	11.952			9310	4631			
	54	12.087			2062	1215			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.209			10197	5707			
	56	12.258			1399	909			
	57	12.287			2038	1212			
	58	12.336			14761	9857			
	59	12.447			10419	6769			
	60	12.535			28056	17678			
	61	12.577			524	397			
	62	12.624			1459	803			
	63	12.670			304	208			
	64	12.701			426	298			
	65	12.735			2090	1411			
	66	12.823			19299	12874			
	67	12.881			9921	5722			
	68	12.976			534	368			
	69	13.083			2325	1588			
	70	13.105			2213	1569			
	71	13.171			1002	548			
	72	13.367			1213	905			
	73	13.433			21966	15540			
	74	13.517			788	526			
	75	13.582			549	413			
	76	13.619			1332	1001			
	77	13.672			4713	3619			
	78	13.761			432	288			
	79	13.843			832	638			
	80	13.899			316	245			
	81	14.202			1955	1569			
	82	14.320			1231	864			
	83	14.426			1160	836			
	84	14.876			296	221			
	85	14.931			725	567			
	86	14.963			259	130			
	87	15.599			239	160			
	88	16.128			1150	698			
$	89	16.645	16.635	0.010	116403	67826	0.07976526		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

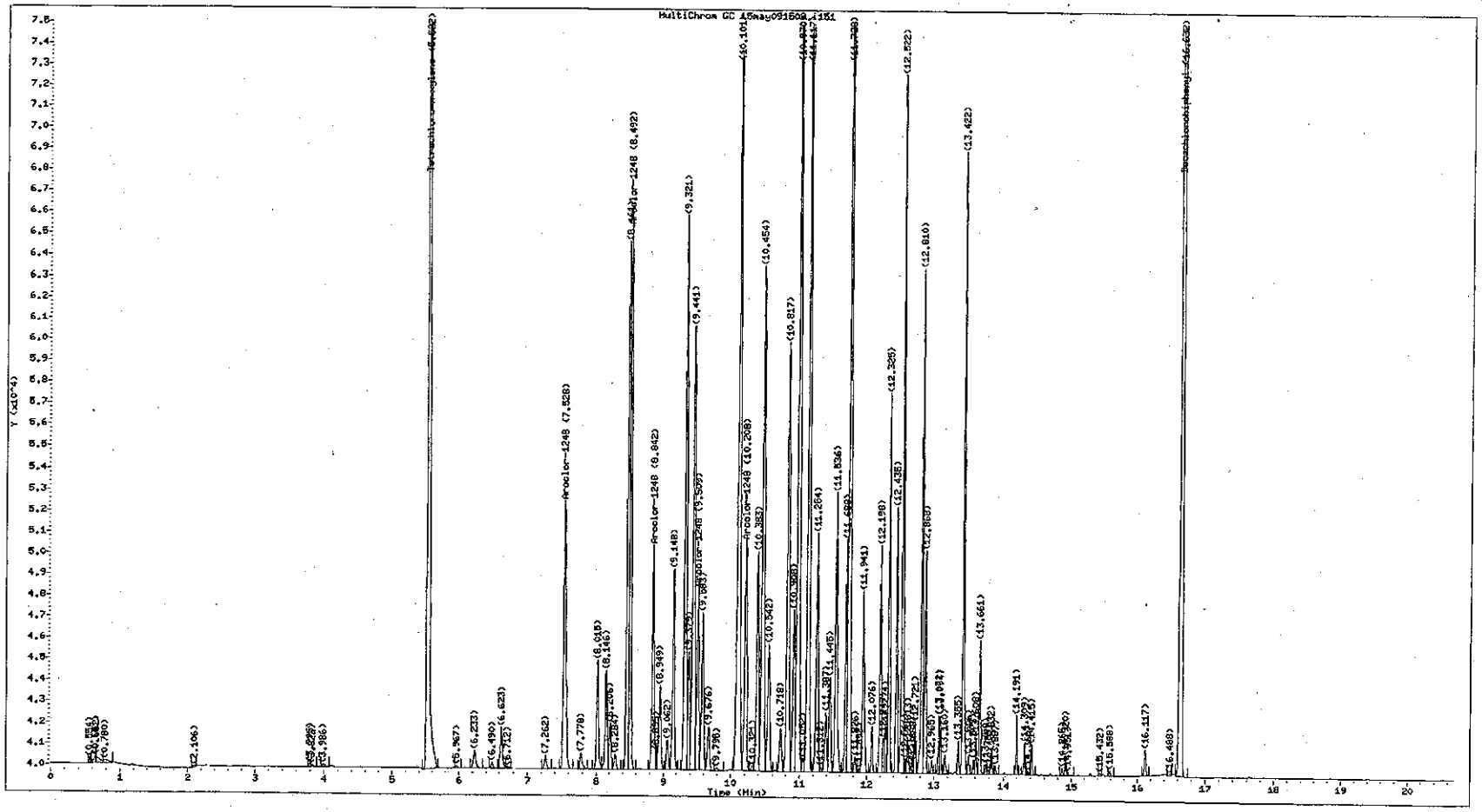
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.535	5.530	0.0400	Tetrachloro-m-xylene
7.541	7.532	0.8000	Aroclor-1248
16.645	16.635	0.0800	Decachlorobiphenyl

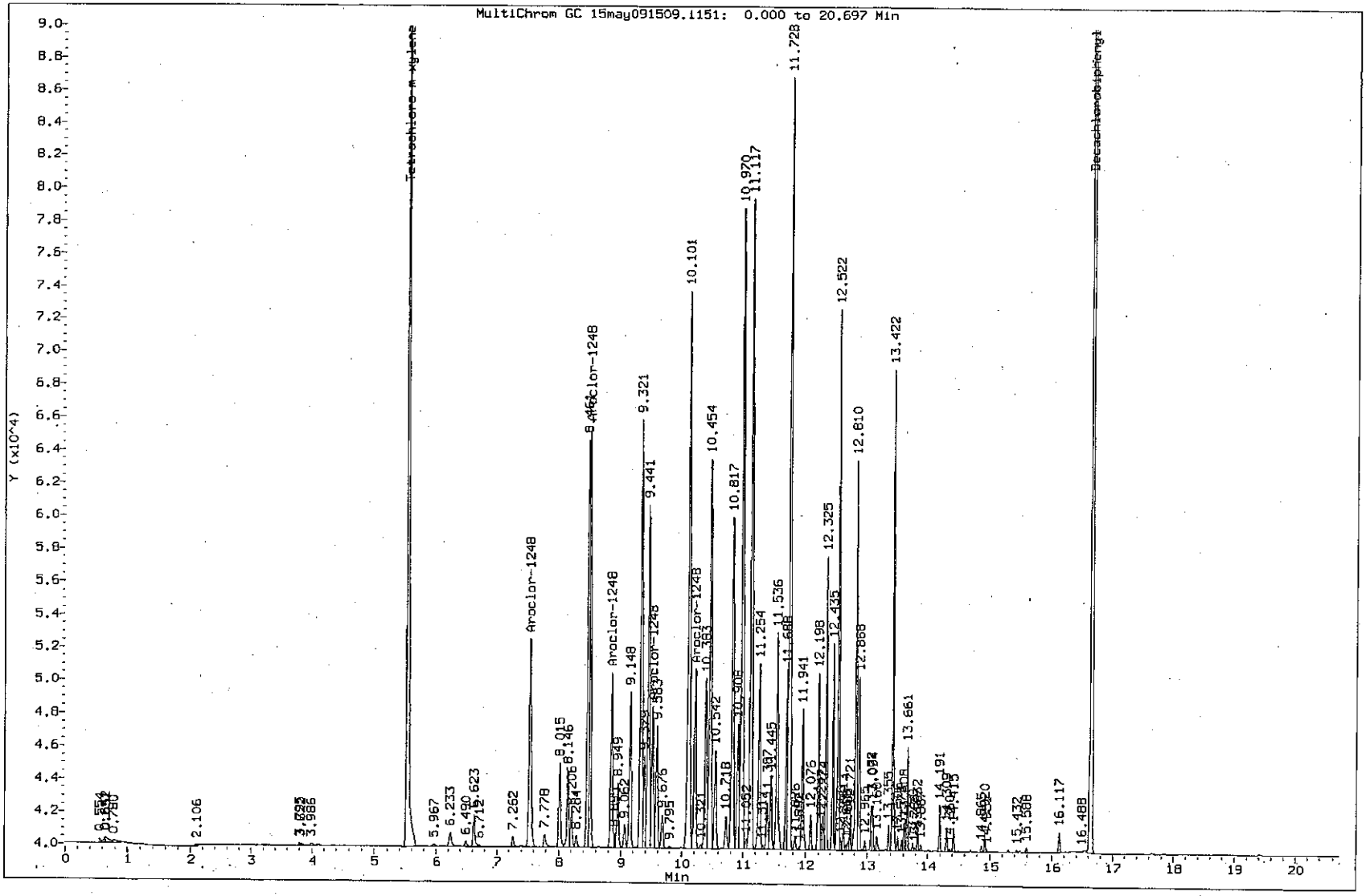
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12485G1	Client Sample ID: AR12485G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 20:46
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091509-r151.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:41 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r151.d/15may091509.i151
Injection Date: 15-MAY-2009 20:46
Instrument: 5253_2.i
Client Sample ID: AR12485G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12485G1 Client Sample ID: AR12485G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r151.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:41 jb

Sample Type : CALIB_5
Injection Date : 15-MAY-2009 20:46
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.554			300	286			
	2	0.641			653	331			
	3	0.652			1244	355			
	4	0.780			885	157			
	5	2.106			266	78			
	6	3.795			277	190			
	7	3.822			216	125			
	8	3.986			339	131			
$	9	5.522	5.530	-0.008	129945	61728	0.09030073	A	Tetrachloro-m-xylene
	10	5.967			293	132			
	11	6.233			2393	860			
	12	6.490			701	321			
	13	6.623			4138	1950			
	14	6.712			228	88			
	15	7.262			1369	642			
	16	7.528	7.532	-0.004	32807	12669	1.46935935		Aroclor-1248
	17	7.778			2014	776			
	18	8.015			11000	5122			
	19	8.146			10010	4662			
	20	8.206			4687	2186			
	21	8.284			1634	734			
	22	8.461			47159	24767			
	23	8.492	8.493	-0.001	48535	25501	1.56051740		Aroclor-1248
	24	8.842	8.843	-0.001	22714	10597	1.45951623		Aroclor-1248
	25	8.895			1290	876			
	26	8.949			8858	3949			
	27	9.062			3068	1415			
	28	9.148			19815	9442			
	29	9.321			54762	26010			
	30	9.379			11411	5566			
	31	9.441			46561	20843			
	32	9.509	9.512	-0.003	18760	8604	1.43705374		Aroclor-1248
	33	9.583			16421	7426			
	34	9.676			4773	2069			
	35	9.795			390	140			
	36	10.101			81207	33860			
	37	10.208	10.211	-0.003	24458	10854	1.43604670		Aroclor-1248
	38	10.321			605	256			
	39	10.383			23142	10314			
	40	10.454			53488	23665			
	41	10.542			14057	5991			
	42	10.718			4556	2028			
	43	10.817			45645	20112			
	44	10.908			17324	7595			
	45	10.970			87794	38947			
	46	11.052			1364	649			
	47	11.117			81656	39516			
	48	11.254			23773	11234			
	49	11.312			468	270			
	50	11.387			5679	2823			
	51	11.445			9394	4459			
	52	11.536			27062	13144			
	53	11.688			18231	10920			
	54	11.728			89799	46985			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	11.826			1423	760			
	56	11.892			293	206			
	57	11.941			17004	8526			
	58	12.076			3664	2162			
	59	12.198			18515	10683			
	60	12.247			2520	1635			
	61	12.274			3654	2150			
	62	12.325			27282	17788			
	63	12.435			19171	12506			
	64	12.522			52085	32780			
	65	12.566			910	685			
	66	12.613			2538	1391			
	67	12.662			534	366			
	68	12.688			756	545			
	69	12.721			3612	2400			
	70	12.810			34875	23653			
	71	12.868			17687	10472			
	72	12.965			927	633			
	73	13.072			3993	2727			
	74	13.094			3868	2736			
	75	13.160			1678	912			
	76	13.355			2059	1547			
	77	13.422			39612	29133			
	78	13.506			1327	886			
	79	13.573			945	711			
	80	13.608			2324	1712			
	81	13.661			8271	6279			
	82	13.750			737	507			
	83	13.785			370	227			
	84	13.832			1426	1106			
	85	13.887			538	416			
	86	14.191			3392	2807			
	87	14.309			2142	1519			
	88	14.360			234	193			
	89	14.415			1981	1444			
	90	14.865			523	391			
	91	14.920			1154	914			
	92	14.951			284	181			
	93	15.432			210	154			
	94	15.588			423	288			
	95	16.117			2030	1223			
	96	16.488			241	75			
$	97	16.632	16.635	-0.004	229370	132686	0.15604243		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

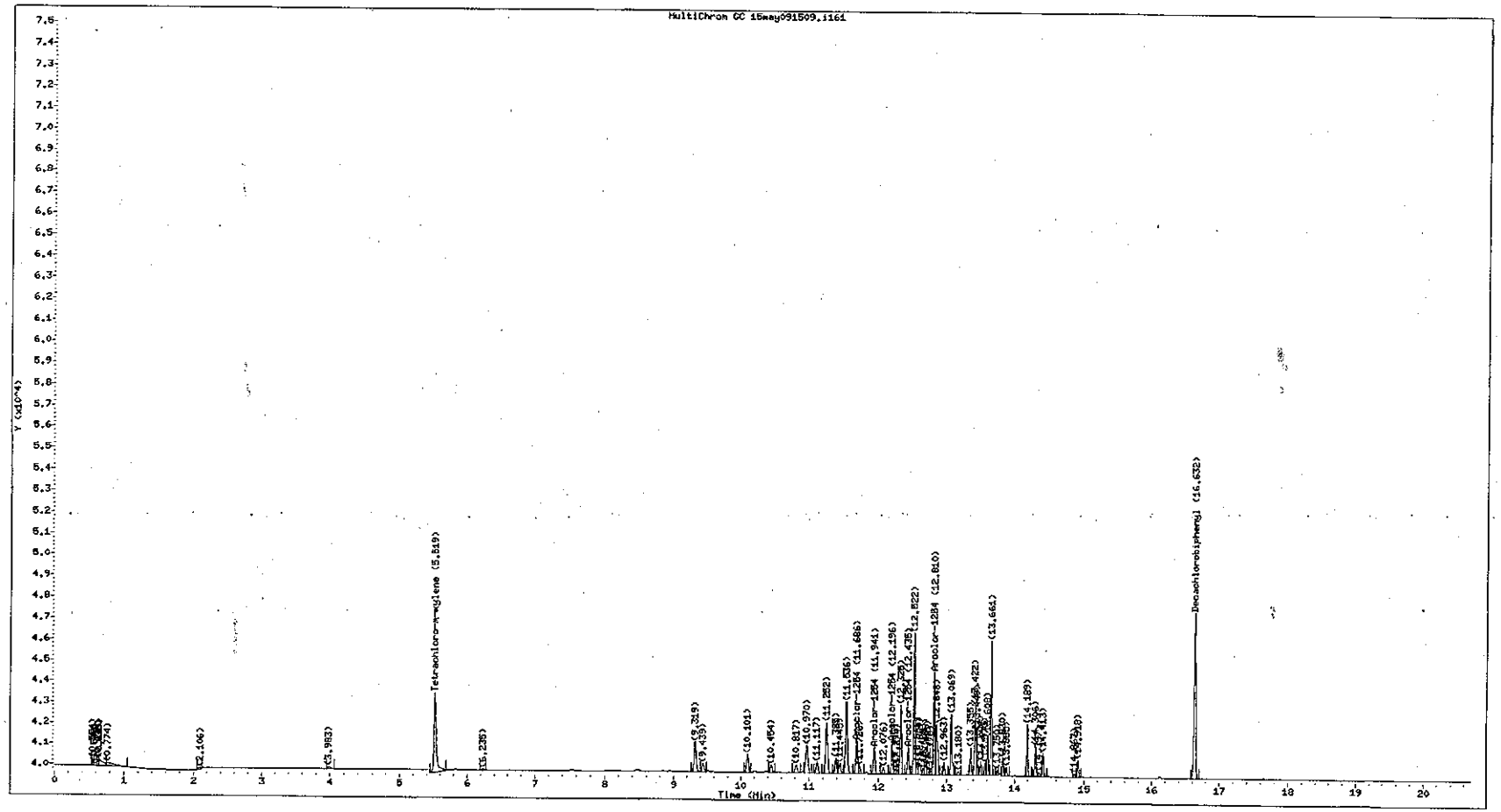
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.522	5.530	0.0800	Tetrachloro-m-xylene
7.528	7.532	1.6000	Aroclor-1248
16.632	16.635	0.1600	Decachlorobiphenyl

Reported: 05/18/2009 11:41 jb 15may091509-r151.d Page 2

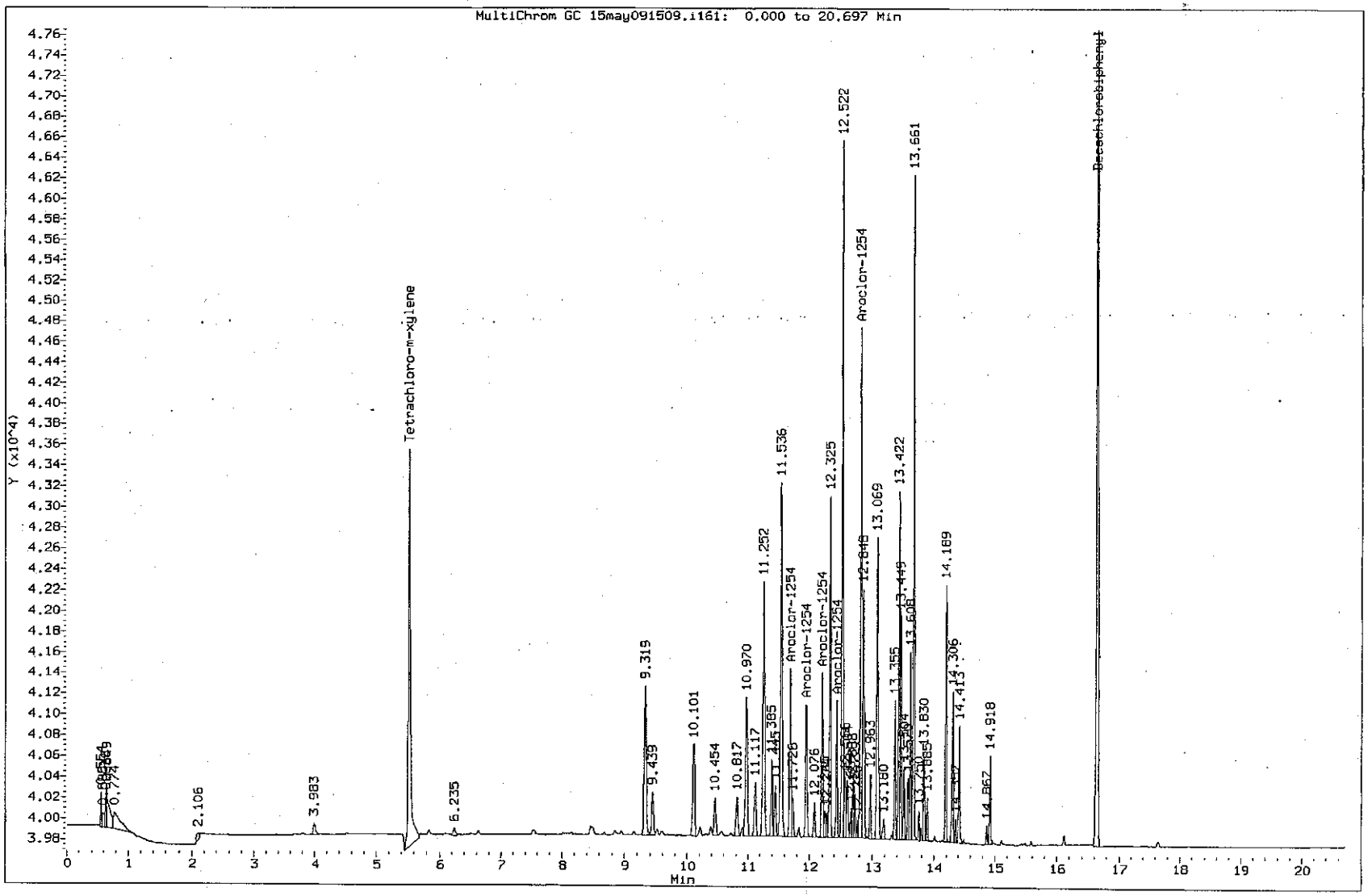
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12541G1	Client Sample ID: AR12541G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:10
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r161.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:42 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r161.d/15may091509.i161
Injection Date: 15-MAY-2009 21:10
Instrument: 5253_2.i
Client Sample ID: AR12541G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12541G1 Client Sample ID: AR12541G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r161.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:42 jb

Sample Type : CALIB_1
Injection Date : 15-MAY-2009 21:10
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.554			343	339			
	2	0.585			309	142			
	3	0.638			405	295			
	4	0.649			1224	383			
	5	0.774			1287	162			
	6	2.106			241	63			
	7	3.983			293	114			
$	8	5.519	5.530	-0.010	9312	3828	0.00559991		Tetrachloro-m-xylene
	9	6.235			204	74			
	10	9.319			3175	1423			
	11	9.439			925	413			
	12	10.101			1935	867			
	13	10.454			804	352			
	14	10.817			876	373			
	15	10.970			3084	1321			
	16	11.117			1124	508			
	17	11.252			5194	2438			
	18	11.385			1443	727			
	19	11.445			958	482			
	20	11.536			6637	3400			
	21	11.686	11.694	-0.007	3015	1607	0.10949291		Aroclor-1254
	22	11.726			617	376			
	23	11.941	11.947	-0.006	2277	1264	0.10976391		Aroclor-1254
	24	12.076			544	324			
	25	12.196	12.203	-0.007	2656	1568	0.10606688		Aroclor-1254
	26	12.245			397	250			
	27	12.274			345	233			
	28	12.325			5068	3276			
	29	12.435	12.442	-0.007	2076	1306	0.11462299		Aroclor-1254
	30	12.522			10016	6727			
	31	12.566			844	579			
	32	12.604			1012	548			
	33	12.659			382	286			
	34	12.688			714	478			
	35	12.721			594	417			
	36	12.770			239	174			
	37	12.810	12.816	-0.006	7193	4906	0.10113926		Aroclor-1254
	38	12.848			4575	2390			
	39	12.963			842	609			
	40	13.069			4832	2893			
	41	13.180			375	192			
	42	13.355			1745	1318			
	43	13.422			4563	3337			
	44	13.449			2686	2145			
	45	13.504			964	681			
	46	13.570			741	585			
	47	13.608			2338	1792			
	48	13.661			8263	6417			
	49	13.750			356	281			
	50	13.830			1066	841			
	51	13.885			502	409			
	52	14.189			3037	2458			
	53	14.306			1984	1428			
	54	14.357			266	224			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	14.413			1537	1112			
56	14.867			223	179			
57	14.918			1079	834			
$ 58	16.632	16.635	-0.004	14362	7881	0.00926828	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

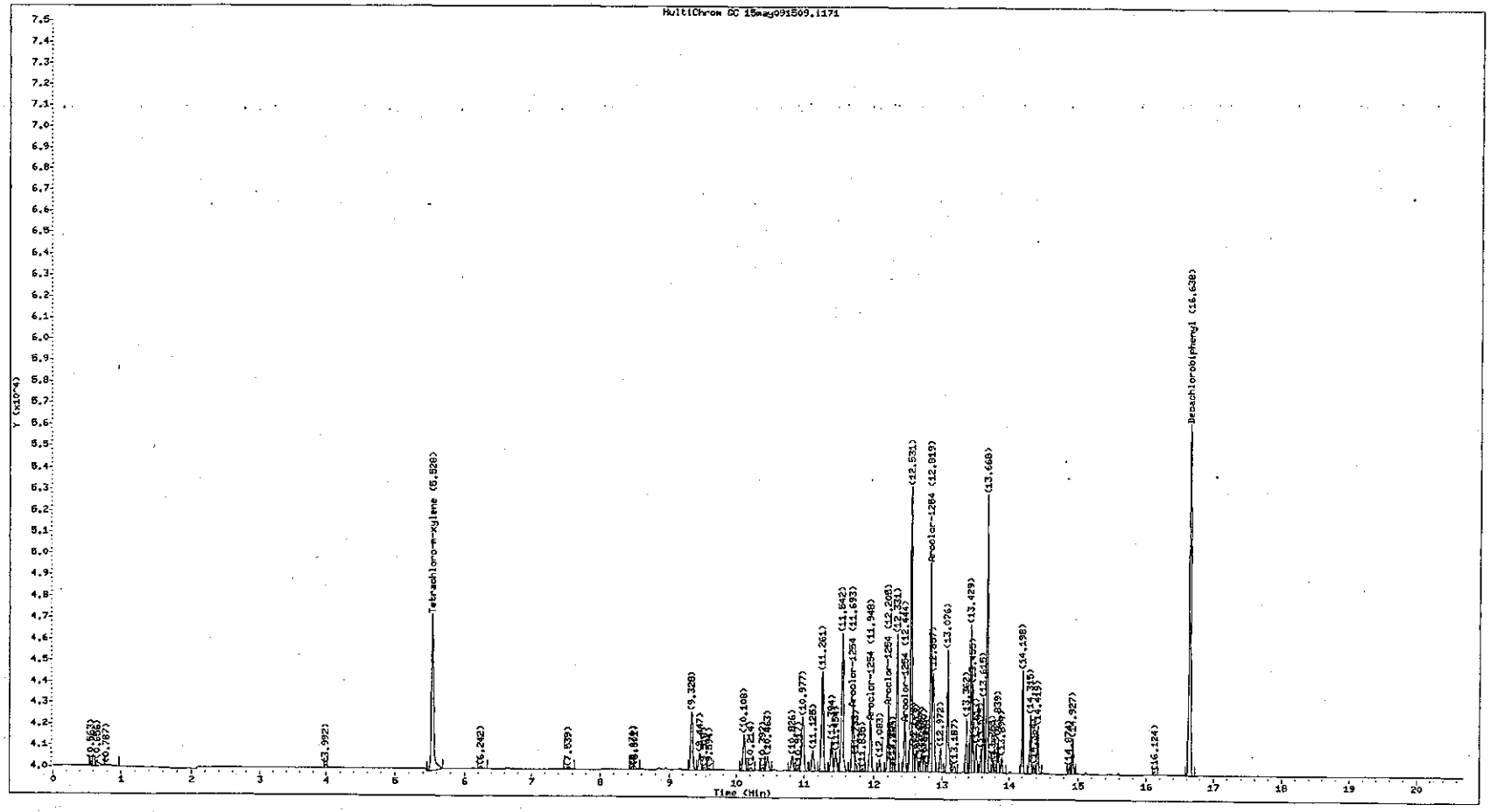
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.519	5.530	0.0050	Tetrachloro-m-xylene
11.686	11.694	0.1000	Aroclor-1254
16.632	16.635	0.0100	Decachlorobiphenyl

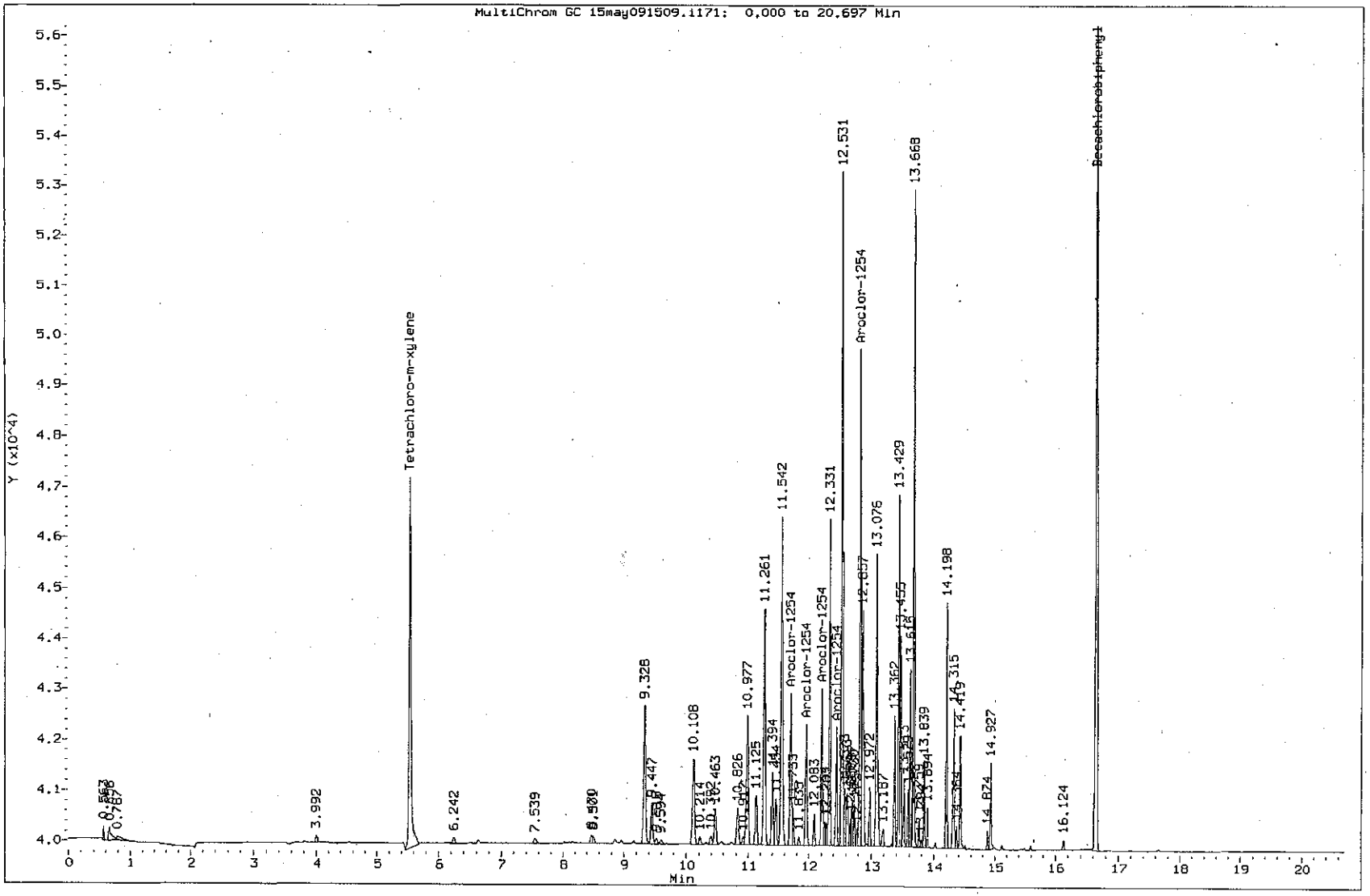
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12542G1	Client Sample ID: AR12542G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:34
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r171.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:42 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r171.d/15may091509.i171
Injection Date: 15-MAY-2009 21:34
Instrument: 5253_2.i
Client Sample ID: AR12542G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12542G1 Client Sample ID: AR12542G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r171.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:42 jb

Sample Type : CALIB_2
Injection Date : 15-MAY-2009 21:34
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.563			252	283			
	2	0.656			808	261			
	3	0.787			474	79			
	4	3.992			292	143			
$	5	5.528	5.530	-0.001	17137	7319	0.01070683		Tetrachloro-m-xylene
	6	6.242			348	126			
	7	7.539			306	89			
	8	8.470			289	147			
	9	8.501			291	135			
	10	9.328			5999	2712			
	11	9.447			1759	777			
	12	9.518			246	114			
	13	9.594			203	76			
	14	10.108			3830	1666			
	15	10.214			335	148			
	16	10.392			368	158			
	17	10.463			1577	666			
	18	10.826			1684	709			
	19	10.917			327	154			
	20	10.977			5913	2534			
	21	11.125			2147	963			
	22	11.261			9878	4645			
	23	11.394			2735	1407			
	24	11.454			1820	892			
	25	11.542			12710	6453			
	26	11.693	11.694	-0.001	5714	2976	0.20276969		Aroclor-1254
	27	11.733			1137	716			
	28	11.835			302	172			
	29	11.948	11.947	0.000	4371	2378	0.20650204		Aroclor-1254
	30	12.083			1030	609			
	31	12.205	12.203	0.002	5069	3069	0.20760157		Aroclor-1254
	32	12.254			759	473			
	33	12.283			655	455			
	34	12.331			10056	6425			
	35	12.444	12.442	0.002	3624	2319	0.20353041		Aroclor-1254
	36	12.531			19885	13311			
	37	12.573			1598	1111			
	38	12.613			1903	1013			
	39	12.668			738	538			
	40	12.697			1308	900			
	41	12.730			1178	802			
	42	12.775			474	337			
	43	12.819	12.816	0.003	13947	9764	0.20128898		Aroclor-1254
	44	12.857			9016	4626			
	45	12.972			1608	1138			
	46	13.076			9351	5735			
	47	13.187			703	344			
	48	13.362			3421	2560			
	49	13.429			8877	6918			
	50	13.455			5415	4133			
	51	13.513			1851	1308			
	52	13.579			1429	1109			
	53	13.615			4529	3475			
	54	13.668			16504	12969			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.759			698	553			
	56	13.794			212	162			
	57	13.839			2068	1685			
	58	13.894			972	770			
	59	14.198			5837	4818			
	60	14.315			3888	2730			
	61	14.364			519	435			
	62	14.419			2977	2194			
	63	14.874			444	361			
	64	14.927			2169	1673			
	65	16.124			320	194			
$	66	16.638	16.635	0.003	29171	16313	0.01918454		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

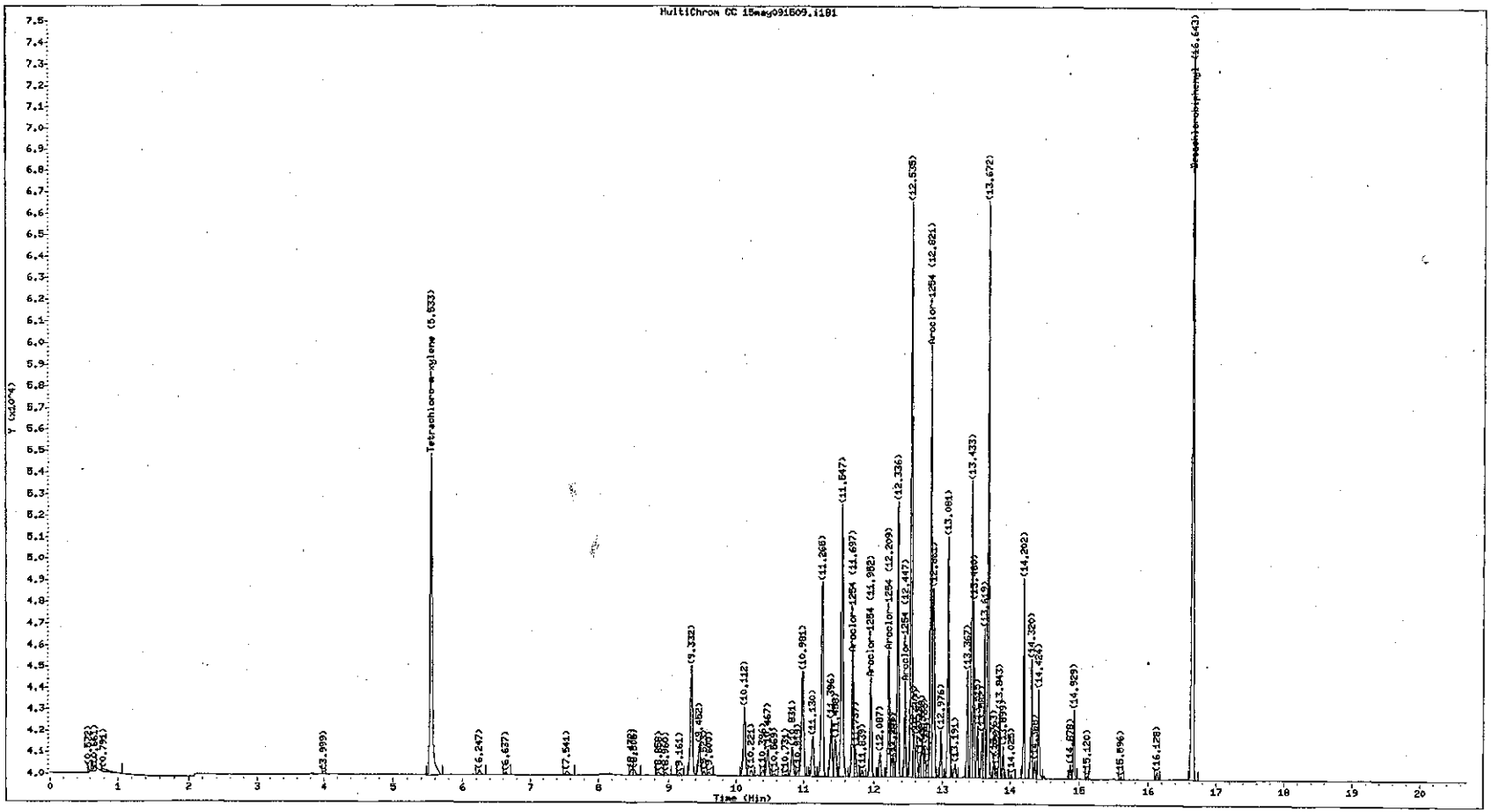
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.528	5.530	0.0100	Tetrachloro-m-xylene
11.693	11.694	0.2000	Aroclor-1254
16.638	16.635	0.0200	Decachlorobiphenyl

Reported: 05/18/2009 11:42 jb 15may091509-r171.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G1	Client Sample ID: AR12543G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 21:57
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r181.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:42 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G1 Client Sample ID: AR12543G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r181.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:42 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 21:57
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.572			319	275			
	2	0.661			469	276			
	3	0.791			938	134			
	4	3.999			282	133			
$	5	5.533	5.530	0.003	32589	14933	0.02184521		Tetrachloro-m-xylene
	6	6.247			537	227			
	7	6.637			282	121			
	8	7.541			559	164			
	9	8.472			579	287			
	10	8.505			575	260			
	11	8.858			468	151			
	12	8.960			320	135			
	13	9.161			249	109			
	14	9.332			11412	5118			
	15	9.452			3311	1474			
	16	9.523			462	212			
	17	9.600			396	148			
	18	10.112			7134	3182			
	19	10.221			651	283			
	20	10.396			709	308			
	21	10.467			2998	1239			
	22	10.569			324	114			
	23	10.731			211	94			
	24	10.831			3159	1356			
	25	10.919			613	294			
	26	10.981			11354	4862			
	27	11.130			4069	1858			
	28	11.265			19046	9017			
	29	11.396			5161	2632			
	30	11.458			3404	1739			
	31	11.547			24653	12624			
	32	11.697	11.694	0.004	10942	5783	0.39402456	M	Aroclor-1254
	33	11.737			2125	1330			
	34	11.839			590	329			
	35	11.952	11.947	0.005	8318	4619	0.40110719	M	Aroclor-1254
	36	12.087			1918	1135			
	37	12.209	12.203	0.006	9677	5908	0.39964487	M	Aroclor-1254
	38	12.256			1342	890			
	39	12.287			1279	840			
	40	12.336			19249	12782			
	41	12.447	12.442	0.004	6976	4426	0.38845432	M	Aroclor-1254
	42	12.535			39750	26652			
	43	12.577			3123	2103			
	44	12.617			3626	1955			
	45	12.673			1399	1017			
	46	12.699			2652	1667			
	47	12.733			2251	1532			
	48	12.779			985	641			
	49	12.821	12.816	0.005	27969	20034	0.41300936	M	Aroclor-1254
	50	12.861			17324	8770			
	51	12.976			3045	2183			
	52	13.081			17415	11180			
	53	13.191			1316	648			
	54	13.367			6628	4974			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	13.433			18262	13773			
56	13.460			10587	8202			
57	13.515			3578	2444			
58	13.582			2719	2128			
59	13.619			8820	6977			
60	13.672			33089	26704			
61	13.763			1345	1026			
62	13.799			447	329			
63	13.843			3989	3159			
64	13.899			1825	1467			
65	14.025			270	197			
66	14.202			11366	9279			
67	14.320			7633	5546			
68	14.368			1024	850			
69	14.424			5777	4153			
70	14.878			863	673			
71	14.929			4052	3203			
72	15.120			234	185			
73	15.596			228	162			
74	16.128			604	375			
$ 75	16.643	16.635	0.007	59309	33929	0.03990145		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
11.697	11.694	0.4000	Aroclor-1254
16.643	16.635	0.0400	Decachlorobiphenyl

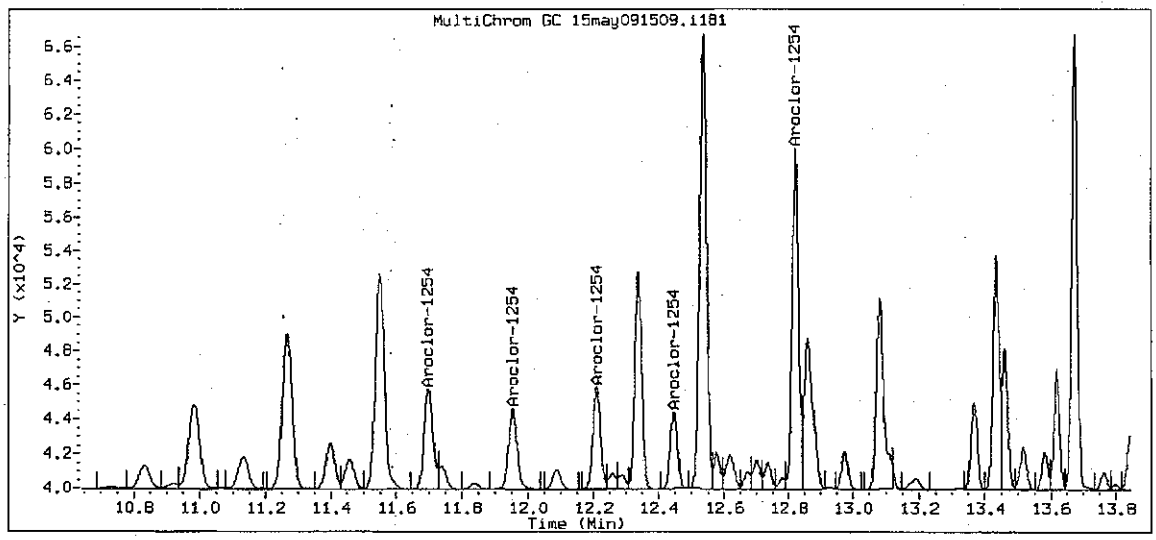
Reported: 05/18/2009 11:42 jb 15may091509-r181.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r181.d
Client Sample ID: AR12543G1
Compound Name: Aroclor-1254

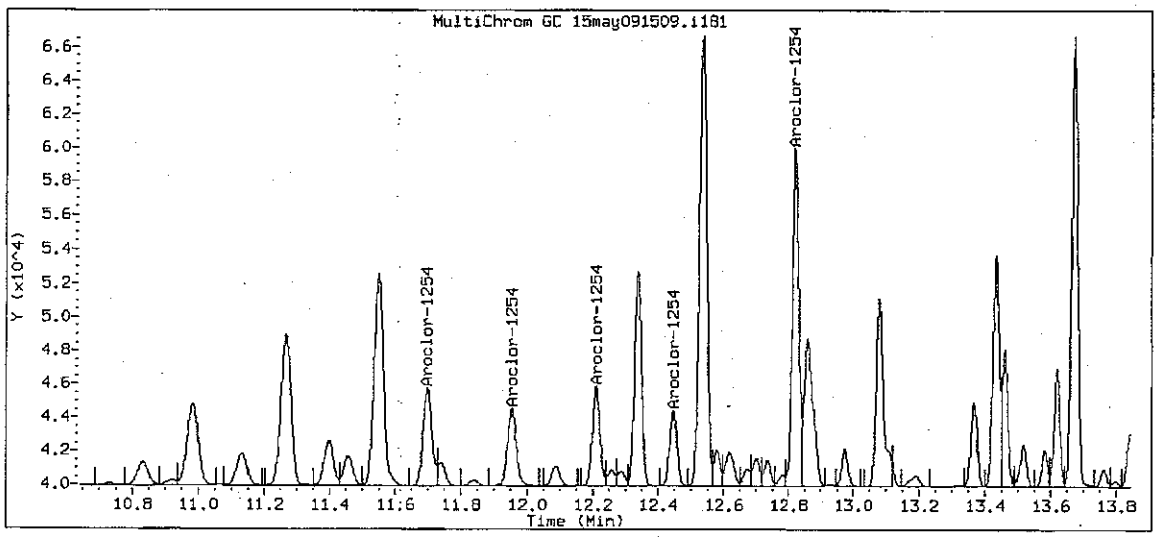
Inj. Date and Time: 15-MAY-2009 21:57
Instrument ID: 5253_2.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:42



Original Integration:

RT = 11.6974 Height = 5783
RT = 11.9523 Height = 4619
RT = 12.2094 Height = 5908
RT = 12.4466 Height = 4417
RT = 12.8212 Height = 20013



Final Integration:

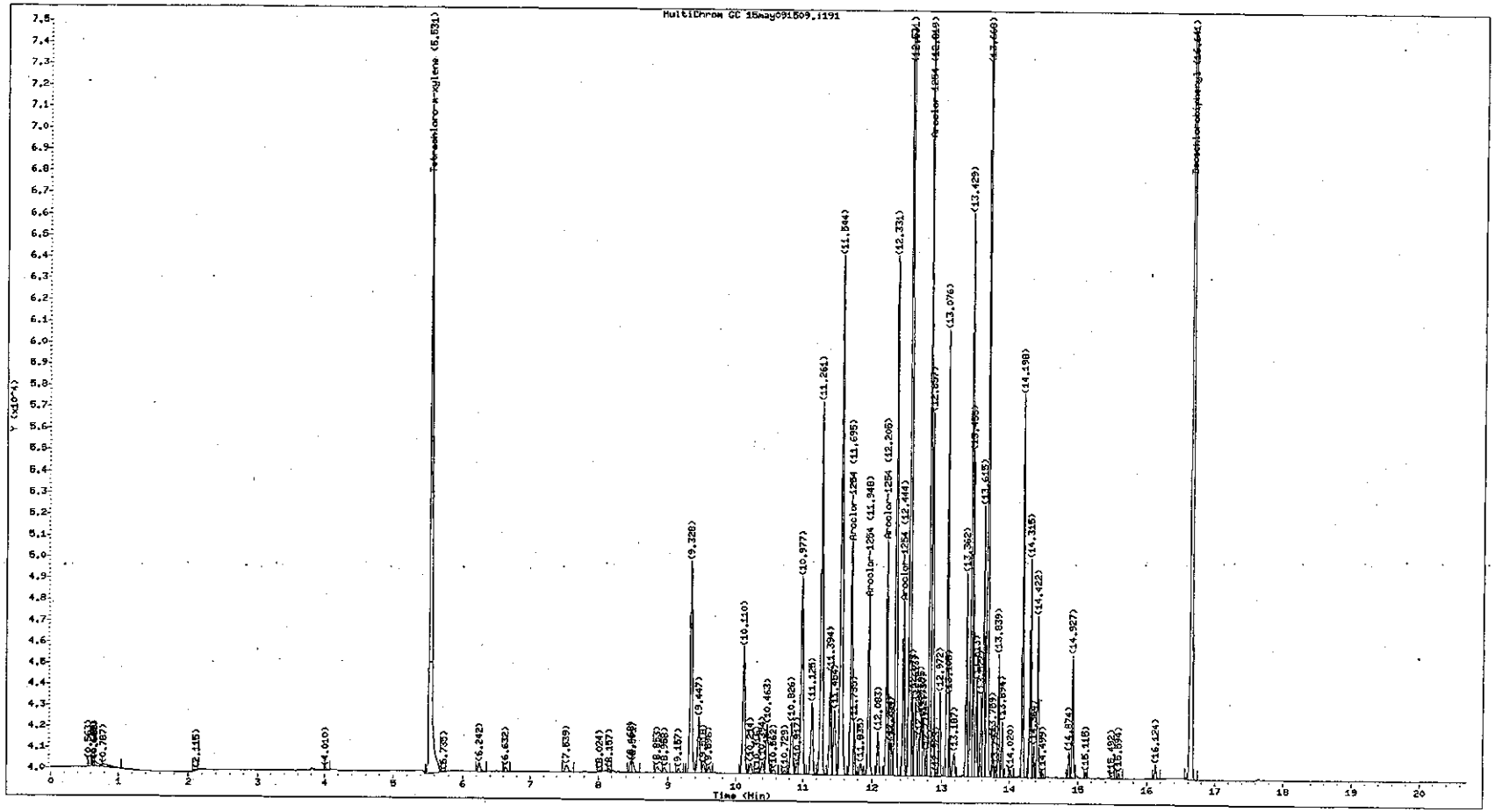
RT = 11.6974 Height = 5783
RT = 11.9523 Height = 4619
RT = 12.2094 Height = 5908
RT = 12.4466 Height = 4426
RT = 12.8212 Height = 20034

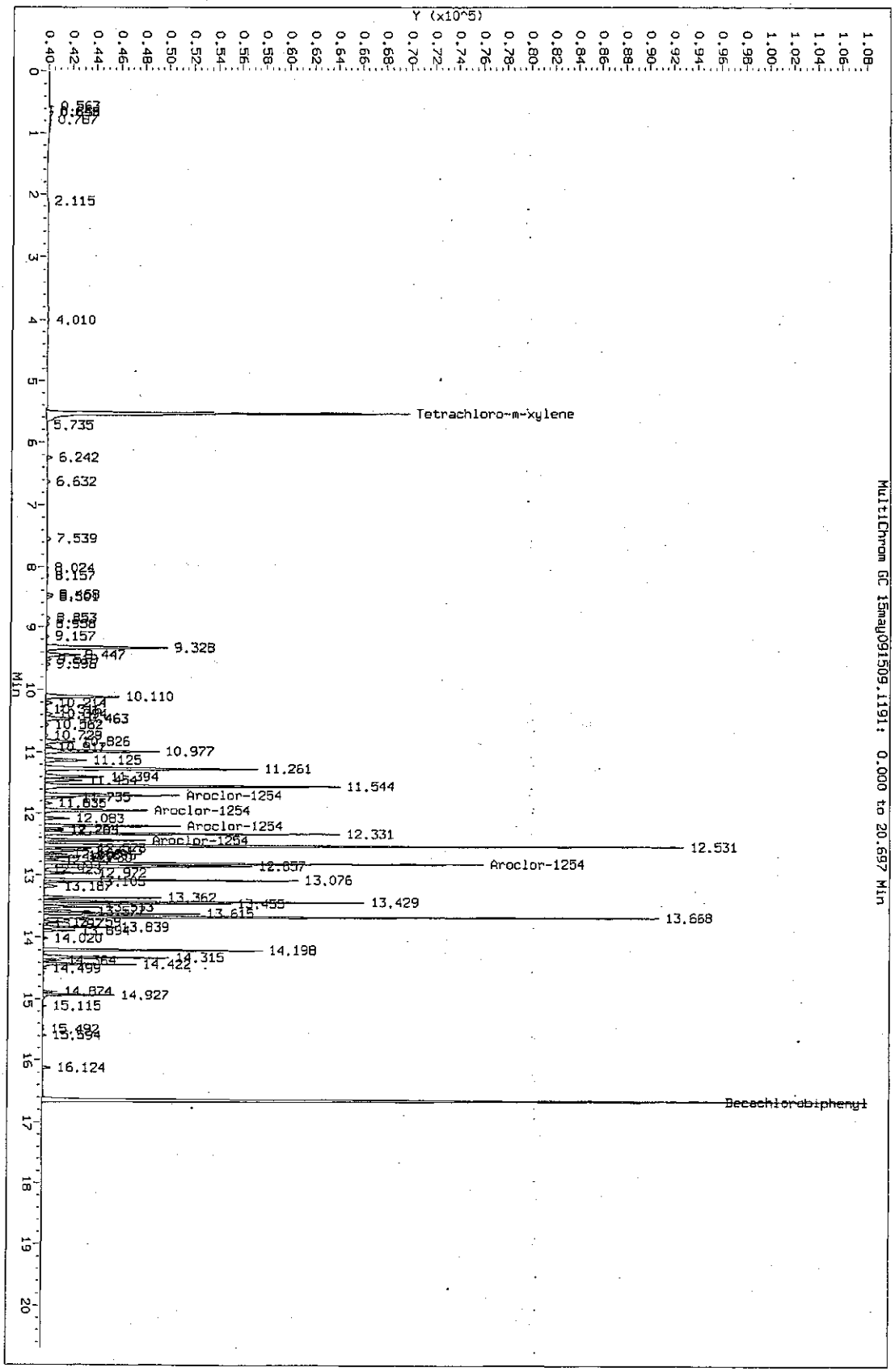
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12544G1	Client Sample ID: AR12544G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 15-MAY-2009 22:21
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r191.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:42 jb		




Data File: /var/chem/5253_2.1/051509_1/15MAY091509.b/15may091509-r191.d/15may091509.i191
Injection Date: 15-MAY-2009 22:21
Instrument: 5253_2.1
Client Sample ID: AR1254G1
MultiChrom GC 15may091509.i191: 0.000 to 20.697 Min
Y (x10^5)
Min
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1254
Aroclor-1254
2.115
4.010
5.735
6.242
6.632
7.539
9.157
9.328
10.110
10.977
11.125
11.261
11.544
12.083
12.331
12.531
12.857
13.076
13.362
13.429
13.615
13.668
13.839
14.020
14.198
14.315
14.422
14.499
14.927
15.115
16.124

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12544G1 Client Sample ID: AR12544G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r191.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:42 jb

Sample Type : CALIB_4
Injection Date : 15-MAY-2009 22:21
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.563			417	339			
	2	0.649			281	228			
	3	0.658			850	301			
	4	0.787			819	114			
	5	2.115			234	68			
	6	4.010			247	145			
$	7	5.531	5.530	0.001	65809	30001	0.04388790		Tetrachloro-m-xylene
	8	5.735			203	52			
	9	6.242			1152	439			
	10	6.632			553	232			
	11	7.539			1094	319			
	12	8.024			217	108			
	13	8.157			336	150			
	14	8.468			1074	541			
	15	8.501			1111	495			
	16	8.853			945	293			
	17	8.958			611	251			
	18	9.157			463	202			
	19	9.328			21605	9977			
	20	9.447			6210	2656			
	21	9.518			937	427			
	22	9.596			807	295			
	23	10.110			13584	6003			
	24	10.214			1207	513			
	25	10.316			252	109			
	26	10.394			1340	566			
	27	10.463			5555	2339			
	28	10.562			618	220			
	29	10.729			417	178			
	30	10.826			5833	2465			
	31	10.917			1153	545			
	32	10.977			21165	9318			
	33	11.125			7525	3375			
	34	11.261			36117	17494			
	35	11.394			9487	4834			
	36	11.454			6255	3064			
	37	11.544			46699	24318			
	38	11.695	11.694	0.002	20285	11033	0.75173318	M	Aroclor-1254
	39	11.735			3975	2505			
	40	11.835			1032	567			
	41	11.948	11.947	0.000	15404	8428	0.73187517	M	Aroclor-1254
	42	12.083			3494	2047			
	43	12.205	12.203	0.002	17929	11125	0.75254725	M	Aroclor-1254
	44	12.254			2578	1609			
	45	12.283			2235	1559			
	46	12.331			37201	24322			
	47	12.444	12.442	0.002	12694	8251	0.72416101	M	Aroclor-1254
	48	12.531			76364	53008			
	49	12.573			5701	3834			
	50	12.613			6628	3542			
	51	12.668			2668	1863			
	52	12.695			4625	3036			
	53	12.730			4137	2718			
	54	12.777			1717	1158			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.819	12.816	0.003	52685	36172	0.74570104	M	Aroclor-1254
56	12.857			32860	17067			
57	12.923			266	196			
58	12.972			5472	3945			
59	13.076			29575	20927			
60	13.105			4261	3837			
61	13.187			2325	1130			
62	13.362			12206	9596			
63	13.429			34489	26368			
64	13.455			19894	15306			
65	13.513			6465	4534			
66	13.577			5017	3857			
67	13.615			16154	12771			
68	13.668			62935	50965			
69	13.759			2431	1860			
70	13.797			482	344			
71	13.839			7279	5799			
72	13.894			3265	2611			
73	14.020			481	359			
74	14.198			21240	17974			
75	14.315			14057	10299			
76	14.364			1840	1504			
77	14.422			10523	7641			
78	14.499			342	278			
79	14.874			1514	1200			
80	14.927			7456	5813			
81	15.115			408	322			
82	15.492			228	159			
83	15.594			437	293			
84	16.124			1104	671			
$ 85	16.641	16.635	0.005	116340	68366	0.08040032		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.531	5.530	0.0400	Tetrachloro-m-xylene
11.695	11.694	0.8000	Aroclor-1254
16.641	16.635	0.0800	Decachlorobiphenyl

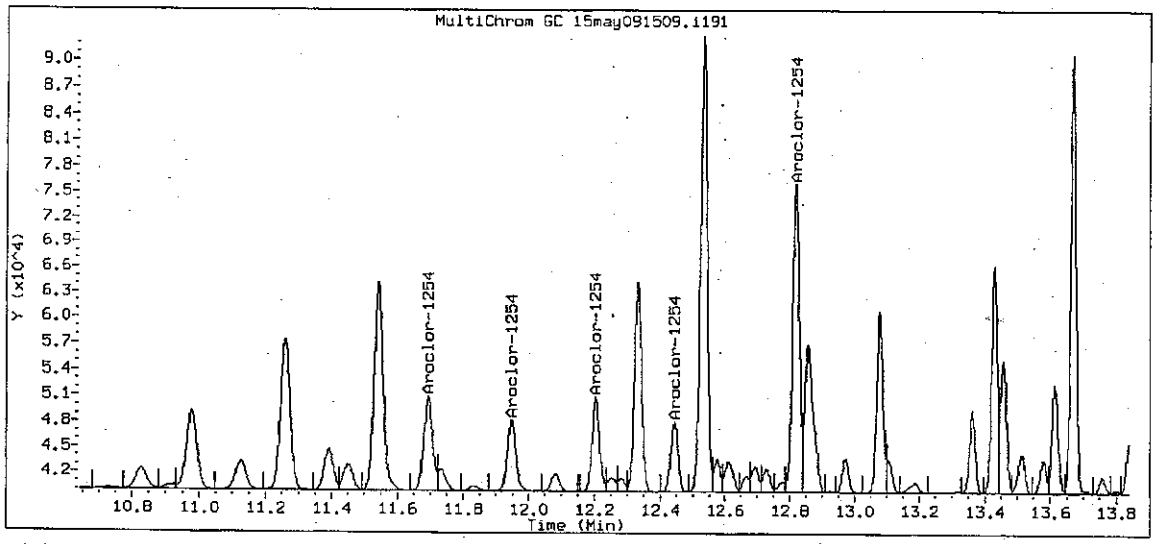
Reported: 05/18/2009 11:42 jb 15may091509-r191.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r191.d
Client Sample ID: AR12544G1
Compound Name: Aroclor-1254

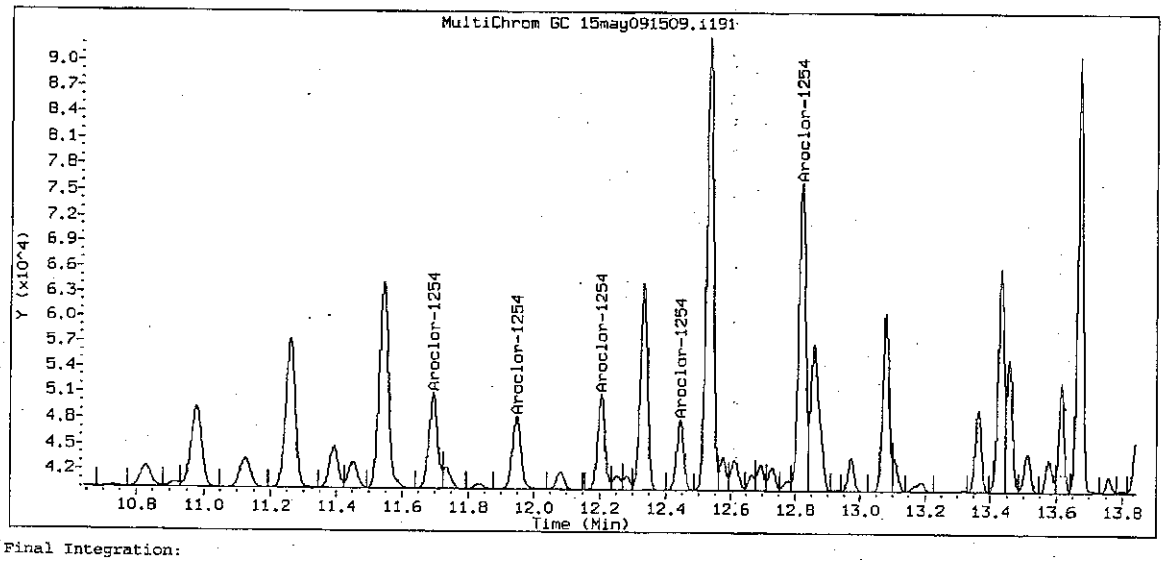
Inj. Date and Time: 15-MAY-2009 22:21
Instrument ID: 5253_2.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:42



Original Integration:

RT = 11.6951 Height = 11033
RT = 11.9478 Height = 8428
RT = 12.2050 Height = 11125
RT = 12.4444 Height = 8243
RT = 12.8190 Height = 36151



Final Integration:

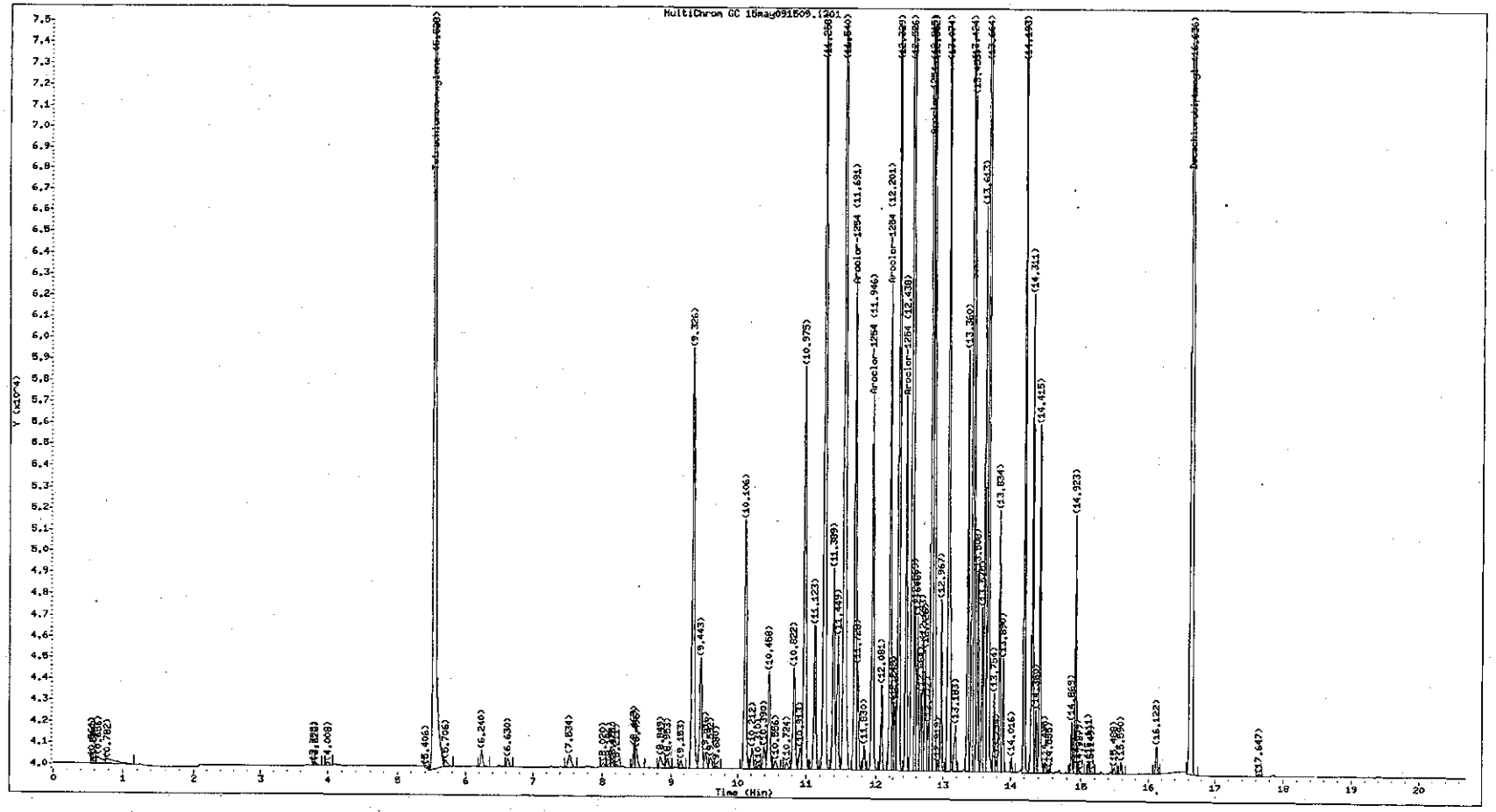
RT = 11.6951 Height = 11033
RT = 11.9478 Height = 8428
RT = 12.2050 Height = 11125
RT = 12.4444 Height = 8251
RT = 12.8190 Height = 36172

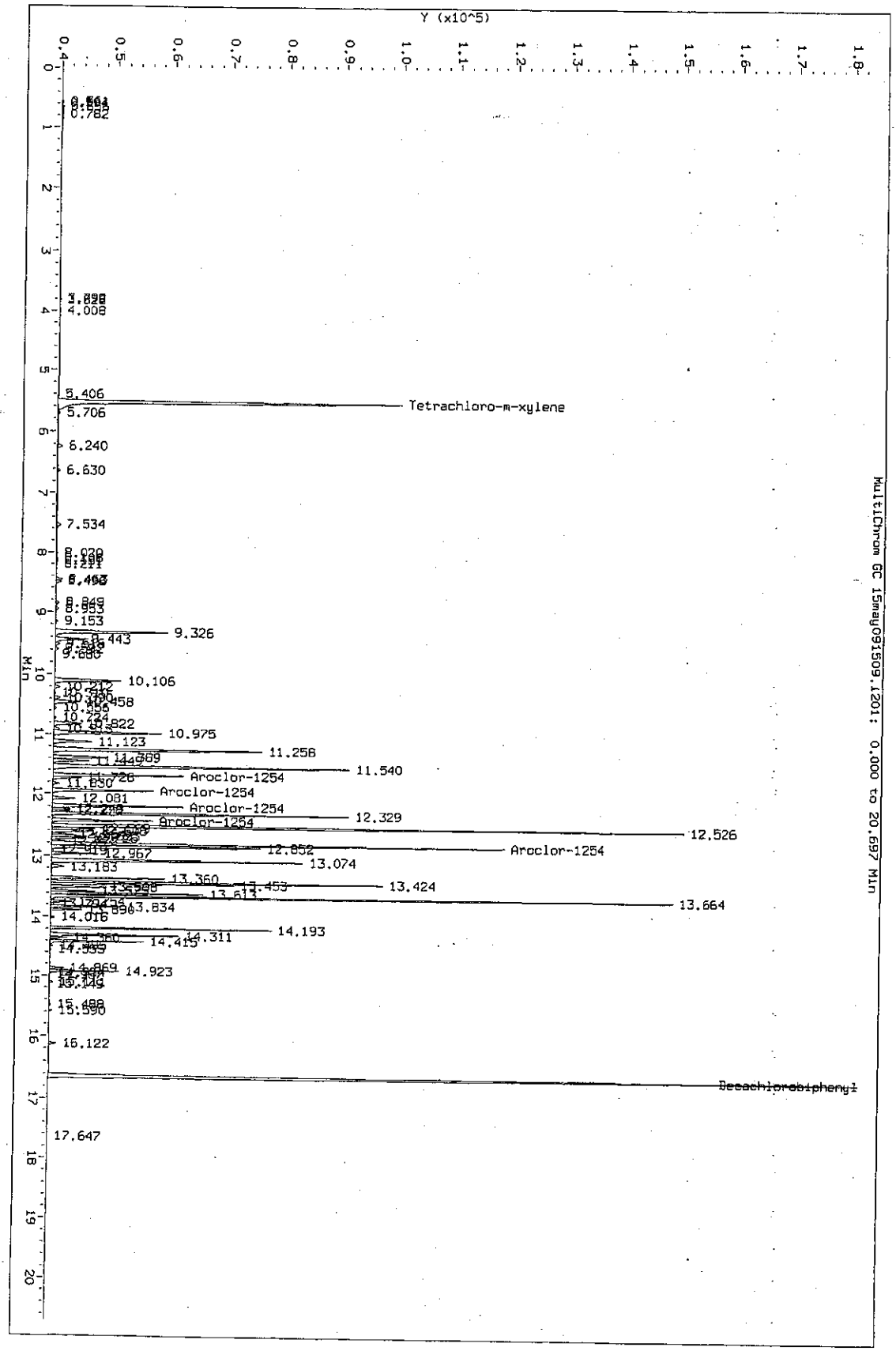
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12545G1	Client Sample ID: AR12545G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 15-MAY-2009 22:45
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091509-r201.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:42 jb		




Data File: /var/chem/5253_2.1/051509_1/15MAY091509.b/15may091509-r201.d/15may091509.1201
Injection Date: 15-MAY-2009 22:45
Instrument: 5253_2.1
Client Sample ID: AR1254SS1
Y (x10^5)
MultiChrom GC 15may091509.1201: 0.000 to 20.697 Min
Min
Tetrachloro-m-xylene
Aroclor-1254
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12545G1 Client Sample ID: AR12545G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r201.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:42 jb

Sample Type : CALIB_5
Injection Date : 15-MAY-2009 22:45
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.561			307	268			
	2	0.594			264	115			
	3	0.656			1641	344			
	4	0.782			2318	219			
	5	3.799			213	160			
	6	3.826			292	146			
	7	4.008			437	161			
	8	5.406			344	77			
$	9	5.528	5.530	-0.001	132562	60209	0.08807862	A	Tetrachloro-m-xylene
	10	5.706			871	309			
	11	6.240			1779	775			
	12	6.630			959	419			
	13	7.534			1991	569			
	14	8.020			405	199			
	15	8.106			429	194			
	16	8.151			633	272			
	17	8.211			360	145			
	18	8.463			1953	1003			
	19	8.496			2098	898			
	20	8.849			1691	530			
	21	8.953			1137	473			
	22	9.153			890	386			
	23	9.326			42330	19617			
	24	9.443			11767	5184			
	25	9.516			1787	781			
	26	9.592			1486	534			
	27	9.680			305	117			
	28	10.106			26516	11641			
	29	10.212			2252	968			
	30	10.310			475	209			
	31	10.390			2464	1046			
	32	10.458			10594	4546			
	33	10.556			1030	386			
	34	10.724			749	332			
	35	10.822			11222	4732			
	36	10.913			2179	1003			
	37	10.975			42369	18834			
	38	11.123			14623	6734			
	39	11.258			73463	36265			
	40	11.389			18768	9359			
	41	11.449			12265	6250			
	42	11.540			96508	51635			
	43	11.691	11.694	-0.003	41243	22696	1.54639140	M	Aroclor-1254
	44	11.728			8348	4896			
	45	11.830			2050	1159			
	46	11.946	11.947	-0.002	30894	17545	1.52358209	M	Aroclor-1254
	47	12.081			6860	4000			
	48	12.201	12.203	-0.002	36696	22743	1.53844333	M	Aroclor-1254
	49	12.249			5061	3196			
	50	12.278			4961	3040			
	51	12.329			78421	51606			
	52	12.438	12.442	-0.005	25876	17497	1.53564964	M	Aroclor-1254
	53	12.526			161776	110853			
	54	12.569			11383	7730			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.608			13098	7189			
	56	12.664			5327	3641			
	57	12.693			9183	6076			
	58	12.726			8290	5668			
	59	12.772			3347	2258			
	60	12.815	12.816	-0.002	113694	78971	1.62802048	M	Aroclor-1254
	61	12.852			66164	36224			
	62	12.919			549	390			
	63	12.967			10841	8016			
	64	13.074			67602	43665			
	65	13.183			4456	2158			
	66	13.360			25123	19683			
	67	13.424			76017	57780			
	68	13.453			38747	31738			
	69	13.508			12900	9190			
	70	13.575			9878	7660			
	71	13.613			33572	26428			
	72	13.664			133793	109032			
	73	13.754			4879	3659			
	74	13.794			768	578			
	75	13.834			15084	12215			
	76	13.890			6565	5293			
	77	14.016			922	694			
	78	14.193			44878	38406			
	79	14.311			29580	22334			
	80	14.360			3600	2919			
	81	14.415			21718	16248			
	82	14.495			671	539			
	83	14.555			284	219			
	84	14.869			3099	2438			
	85	14.923			14523	12073			
	86	14.954			408	409			
	87	14.987			205	129			
	88	15.111			823	647			
	89	15.149			255	148			
	90	15.488			452	313			
	91	15.590			850	570			
	92	16.122			2123	1287			
$	93	16.636	16.635	0.001	245951	142198	0.16722881	A	Decachlorobiphenyl
	94	17.647			222	89			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.528	5.530	0.0800	Tetrachloro-m-xylene
11.691	11.694	1.6000	Aroclor-1254
16.636	16.635	0.1600	Decachlorobiphenyl

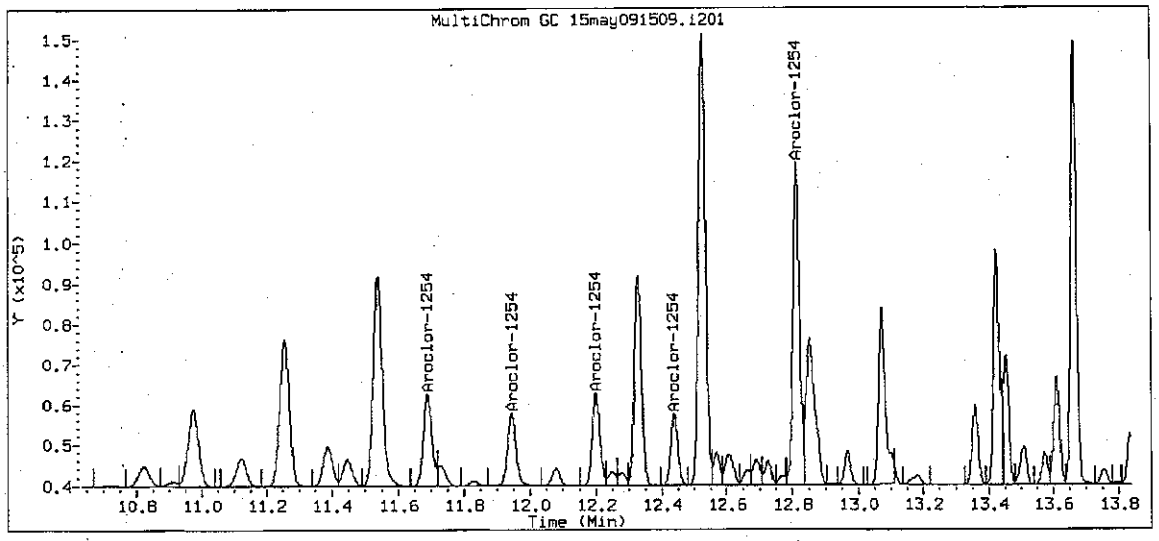
Reported: 05/18/2009 11:42 jb 15may091509-r201.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r201.d
Client Sample ID: AR12545G1
Compound Name: Aroclor-1254

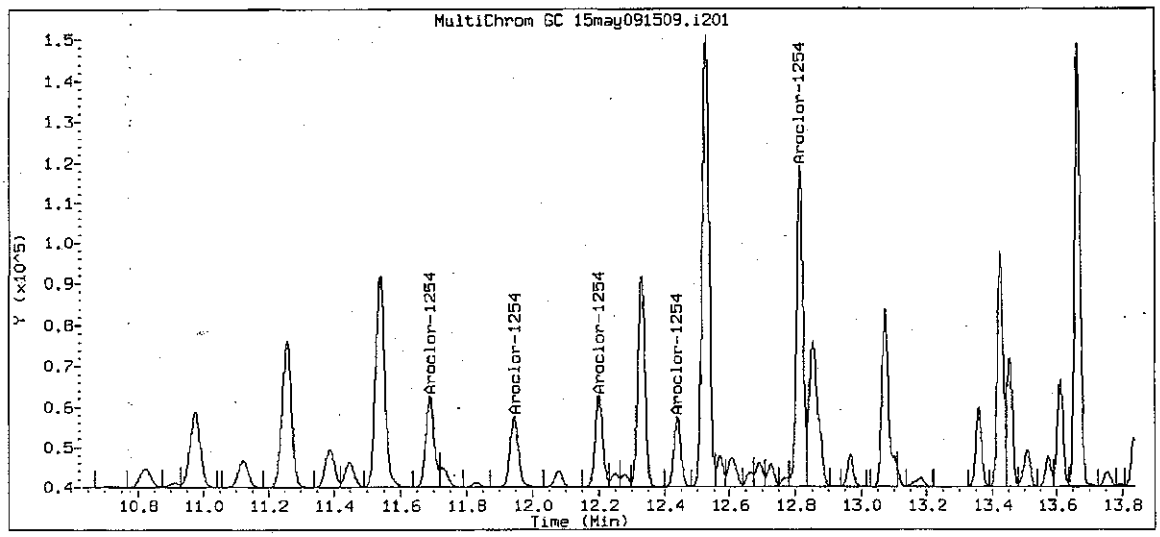
Inj. Date and Time: 15-MAY-2009 22:45
Instrument ID: 5253_2.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:43



Original Integration:

RT = 11.6907 Height = 22693
RT = 11.9456 Height = 17545
RT = 12.2005 Height = 22739
RT = 12.4377 Height = 17443
RT = 12.8146 Height = 78881



Final Integration:

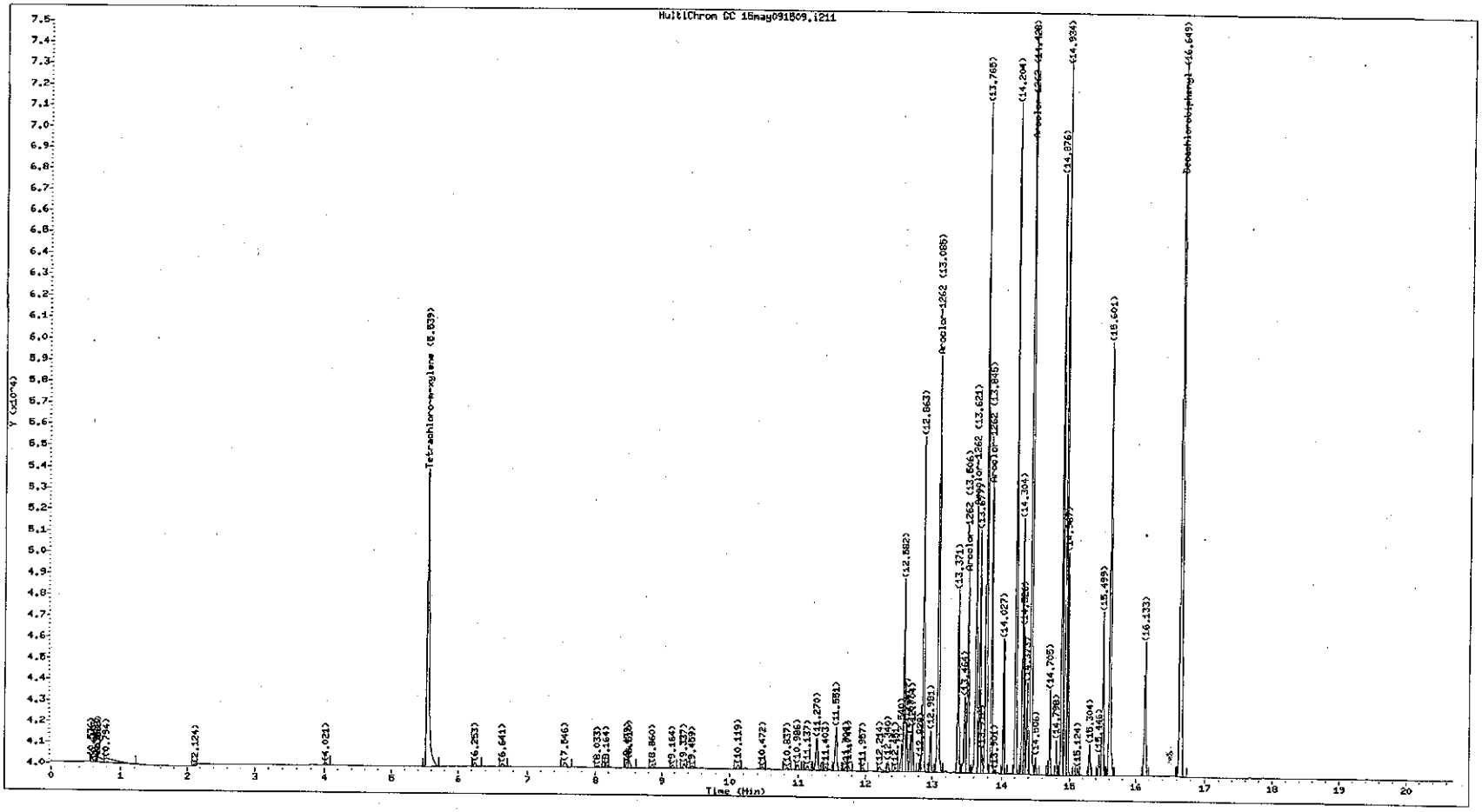
RT = 11.6907 Height = 22696
RT = 11.9456 Height = 17545
RT = 12.2005 Height = 22743
RT = 12.4377 Height = 17497
RT = 12.8146 Height = 78971

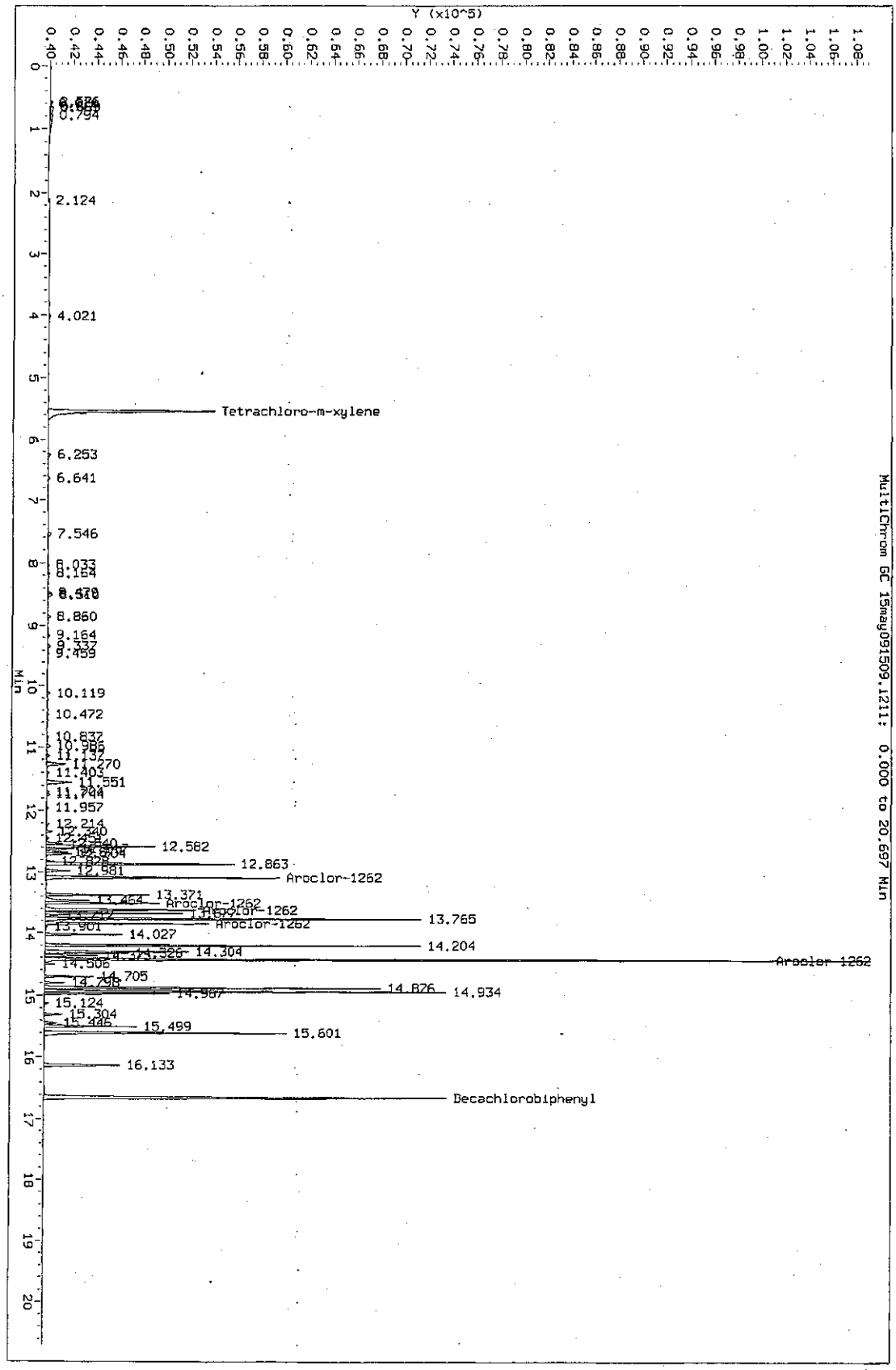
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12623G1	Client Sample ID: AR12623G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:09
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1262STD
Data File	: 15may091509-r211.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:43 jb		




Data File: /var/chem/5253_2.1/051509_1/15MAY091509.b/15may091509-r211.d/15may091509.1211
Injection Date: 15-MAY-2009 23:09
Instrument: 5253_2.1
Client Sample ID: AR1262361
MultiChrom GC 15may091509.1211: 0.000 to 20.697 Min
Y (x10^5)
Min
Tetrachloro-m-xylene
Decachlorobiphenyl
Aroclor-1262
2.124
4.021
6.253
6.641
7.546
8.860
9.164
9.459
10.119
10.472
11.403
11.957
12.582
12.863
13.371
13.765
14.027
14.204
14.304
14.934
15.124
15.304
15.499
15.601
16.133

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12623G1 Client Sample ID: AR12623G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r211.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:43 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 23:09
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1262STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.576			365	238			
	2	0.610			237	123			
	3	0.661			236	225			
	4	0.669			1141	324			
	5	0.794			2411	209			
	6	2.124			278	78			
	7	4.021			242	129			
$	8	5.539	5.530	0.010	32415	14029	0.02052276		Tetrachloro-m-xylene
	9	6.253			519	215			
	10	6.641			403	178			
	11	7.546			786	250			
	12	8.033			255	102			
	13	8.164			280	132			
	14	8.479			538	305			
	15	8.510			907	392			
	16	8.860			472	214			
	17	9.164			381	173			
	18	9.337			553	252			
	19	9.459			335	135			
	20	10.119			545	230			
	21	10.472			321	135			
	22	10.837			304	124			
	23	10.986			634	275			
	24	11.137			524	233			
	25	11.270			3423	1570			
	26	11.403			389	198			
	27	11.551			4050	2074			
	28	11.704			413	220			
	29	11.744			486	250			
	30	11.957			368	176			
	31	12.214			747	252			
	32	12.340			872	537			
	33	12.451			387	216			
	34	12.540			2074	1380			
	35	12.582			13999	9106			
	36	12.617			3134	2339			
	37	12.677			2538	1807			
	38	12.704			3216	2113			
	39	12.828			804	702			
	40	12.863			22508	15791			
	41	12.981			2781	2003			
	42	13.085	13.085	0.000	27061	19623	0.40000000	M	Aroclor-1262
	43	13.371			11267	8649			
	44	13.464			5409	3632			
	45	13.506	13.506	0.000	12397	9501	0.40000000	M	Aroclor-1262
	46	13.621	13.621	0.000	18941	12595	0.40000000	M	Aroclor-1262
	47	13.677			14782	11476			
	48	13.712			1413	1130			
	49	13.765			39356	31544			
	50	13.845	13.845	0.000	16428	13683	0.40000000	M	Aroclor-1262
	51	13.901			246	195			
	52	14.027			7631	6401			
	53	14.204			37318	31516			
	54	14.304			14348	12029			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	14.326			8338	6989			
	56	14.373			5282	4360			
	57	14.428	14.428	0.000	80195	69333	0.40000000	M	Aroclor-1262
	58	14.506			1085	881			
	59	14.705			4788	4056			
	60	14.798			2002	1677			
	61	14.876			34397	28182			
	62	14.934			40186	33695			
	63	14.967			13025	10504			
	64	15.124			543	371			
	65	15.304			2039	1511			
	66	15.446			1455	1043			
	67	15.499			10800	7732			
	68	15.601			29348	20363			
	69	16.133			10254	6334			
$	70	16.649	16.635	0.014	59720	33737	0.03967565		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.539	5.530	0.0200	Tetrachloro-m-xylene
13.085	13.085	0.4000	Aroclor-1262
16.649	16.635	0.0400	Decachlorobiphenyl

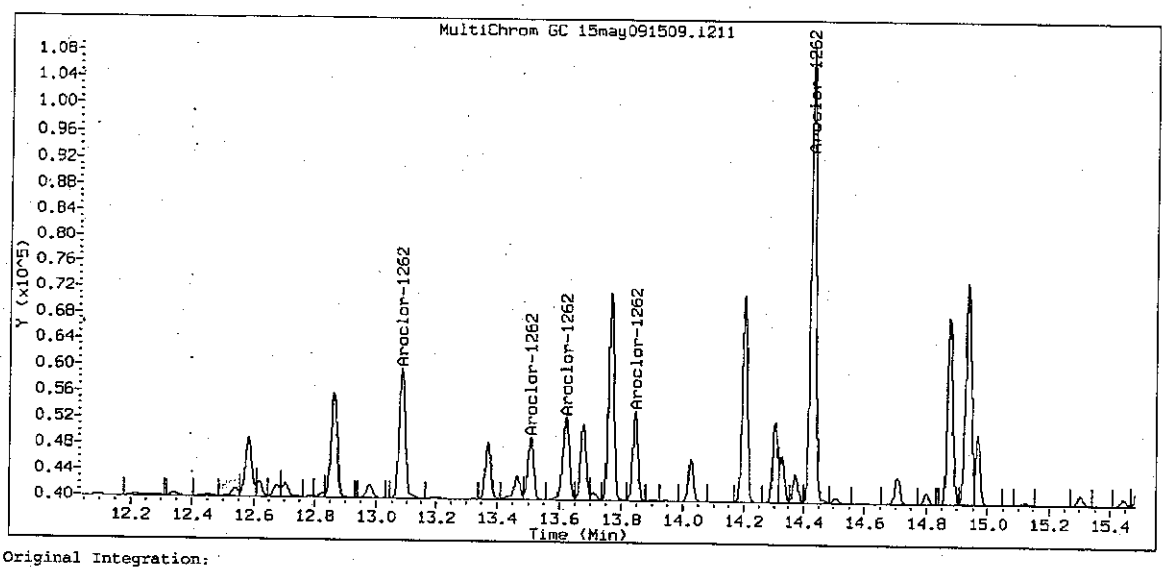
Reported: 05/18/2009 11:43 jb 15may091509-r211.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r211.d
Client Sample ID: AR12623G1
Compound Name: Aroclor-1262

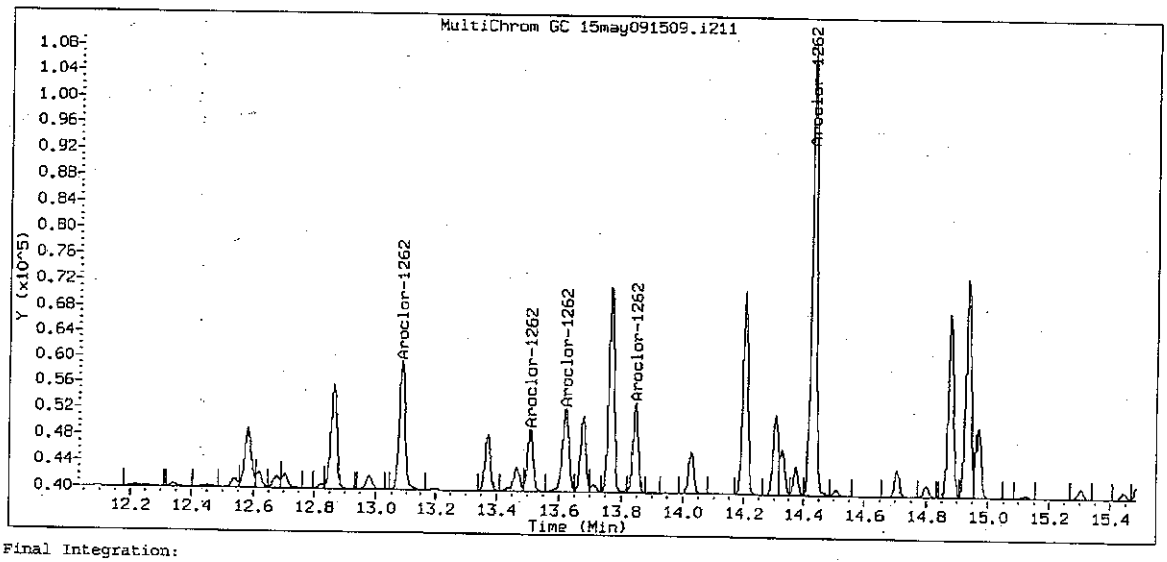
Inj. Date and Time: 15-MAY-2009 23:09
Instrument ID: 5253_2.i
CAS #: 37324-23-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:43



Original Integration:

RT = 13.0850 Height = 19623
RT = 13.5061 Height = 9490
RT = 13.6214 Height = 12567
RT = 13.8453 Height = 13663
RT = 14.4283 Height = 69298



Final Integration:

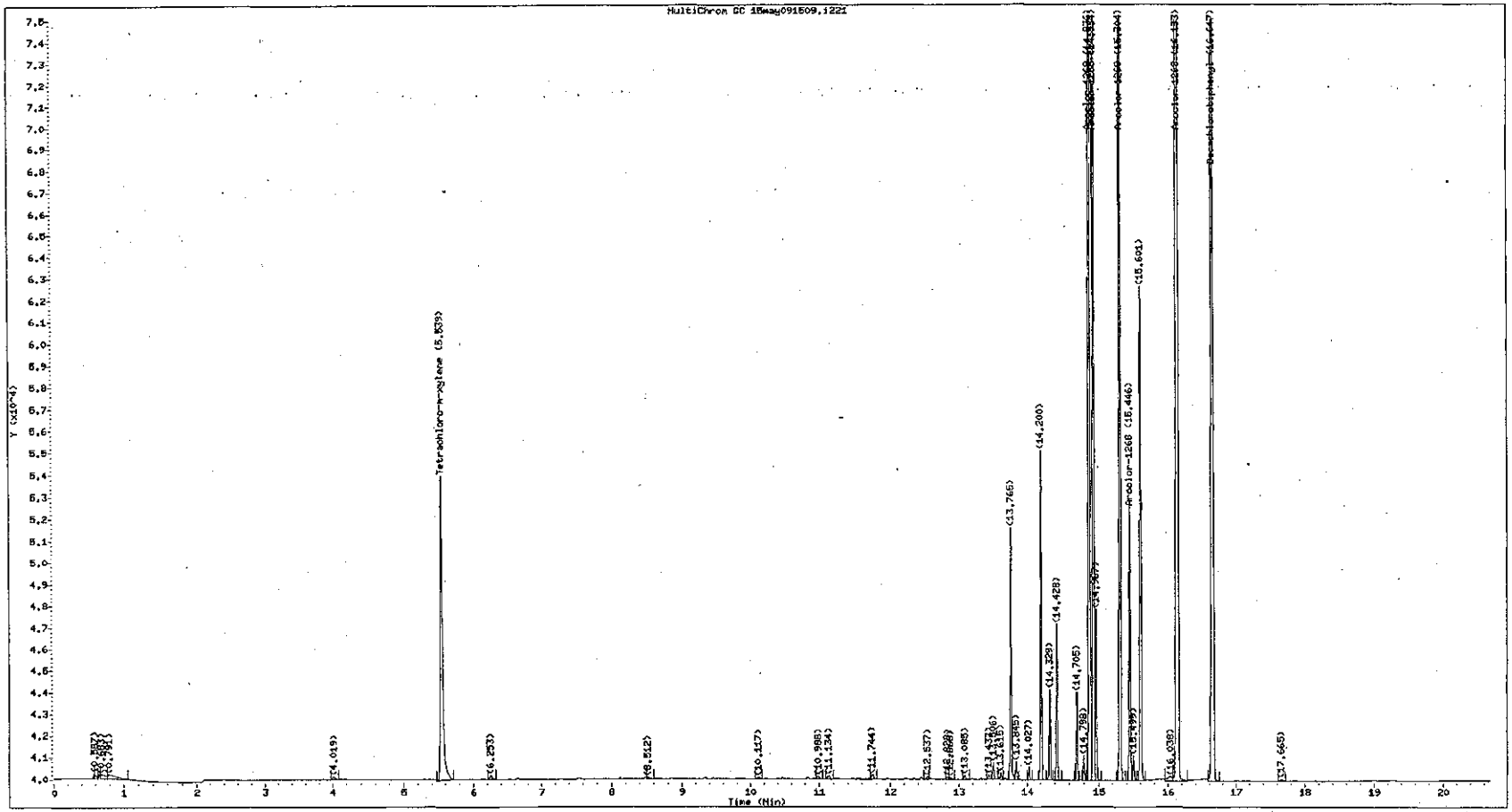
RT = 13.0850 Height = 19623
RT = 13.5061 Height = 9501
RT = 13.6214 Height = 12595
RT = 13.8453 Height = 13683
RT = 14.4283 Height = 69333

Manual Integration Reason: MI1 - Poor automated baseline

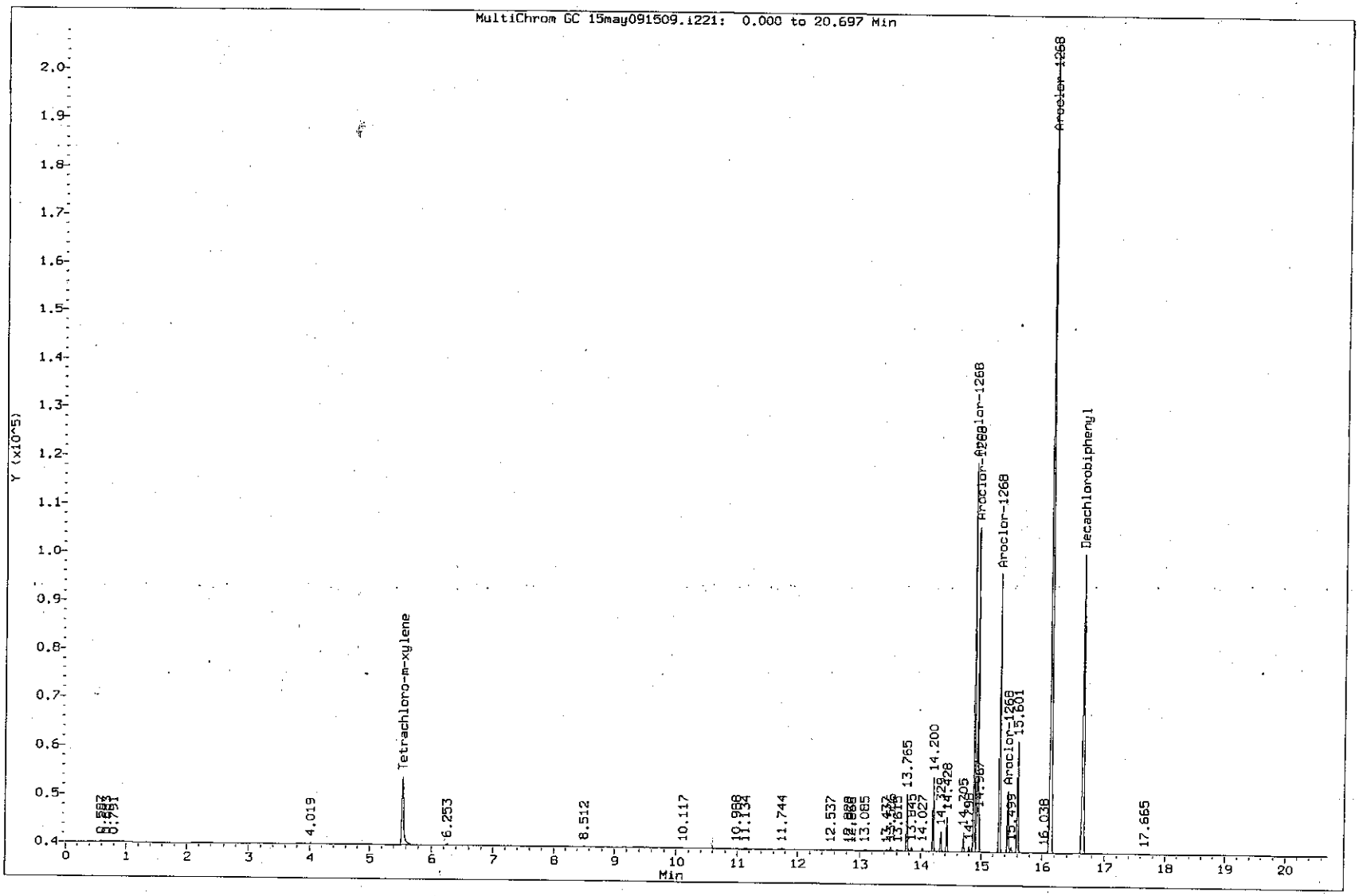
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12683G1	Client Sample ID: AR12683G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:33
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1268STD
Data File	: 15may091509-r221.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:43 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r221.d/15may091509.i221
Injection Date: 15-MAY-2009 23:33
Instrument: 5253_2.i
Client Sample ID: AR12683G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12683G1 Client Sample ID: AR12683G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r221.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:43 jb

Sample Type : CALIB_3
Injection Date : 15-MAY-2009 23:33
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1268STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.587			440	276			
	2	0.683			919	201			
	3	0.791			1709	201			
	4	4.019			435	157			
$	5	5.539	5.530	0.010	32006	14026	0.02051837		Tetrachloro-m-xylene
	6	6.253			470	214			
	7	8.512			294	107			
	8	10.117			228	95			
	9	10.988			328	142			
	10	11.134			349	163			
	11	11.744			470	226			
	12	12.537			267	130			
	13	12.828			211	144			
	14	12.868			202	93			
	15	13.085			359	216			
	16	13.437			339	223			
	17	13.506			1067	787			
	18	13.615			515	359			
	19	13.765			14700	11613			
	20	13.845			1020	834			
	21	14.027			738	603			
	22	14.200			18048	15105			
	23	14.329			5288	4177			
	24	14.428			8683	7189			
	25	14.705			4680	4048			
	26	14.798			1417	1155			
	27	14.876	14.876	0.000	90190	80269	0.40000000	M	Aroclor-1268
	28	14.934	14.934	0.000	76996	67221	0.40000000	M	Aroclor-1268
	29	14.967			9532	7890			
	30	15.304	15.304	0.000	71950	57377	0.40000000	M	Aroclor-1268
	31	15.446	15.446	0.000	17403	12579	0.40000000	M	Aroclor-1268
	32	15.499			1704	1162			
	33	15.601			31490	22674			
	34	16.038			991	224			
	35	16.133	16.133	0.000	259173	168512	0.40000000	M	Aroclor-1268
$	36	16.647	16.635	0.012	108506	61648	0.07249976	M	Decachlorobiphenyl
	37	17.665			239	103			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

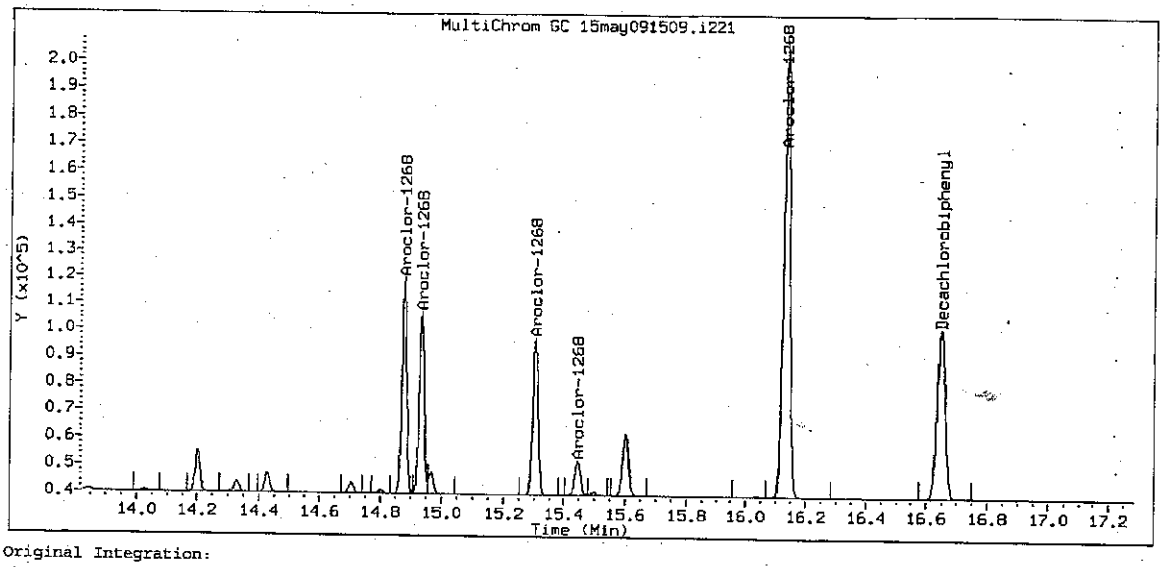
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.539	5.530	0.0200	Tetrachloro-m-xylene
14.876	14.876	0.4000	Aroclor-1268
16.647	16.635	0.0400	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r221.d
Client Sample ID: AR12683G1
Compound Name: Aroclor-1268

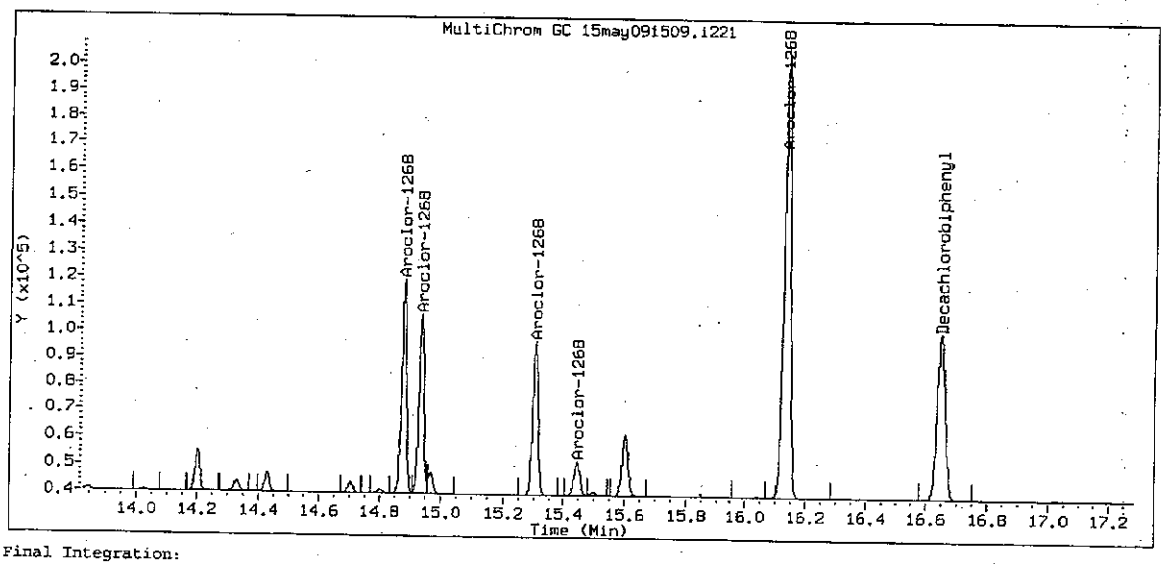
Inj. Date and Time: 15-MAY-2009 23:33
Instrument ID: 5253_2.i
CAS #: 11100-14-4

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:43



Original Integration:

RT = 14.8760 Height = 80230
RT = 14.9337 Height = 67177
RT = 15.3039 Height = 57359
RT = 15.4457 Height = 12565
RT = 16.1329 Height = 168468



Final Integration:

RT = 14.8760 Height = 80269
RT = 14.9337 Height = 67221
RT = 15.3039 Height = 57377
RT = 15.4457 Height = 12579
RT = 16.1329 Height = 168512

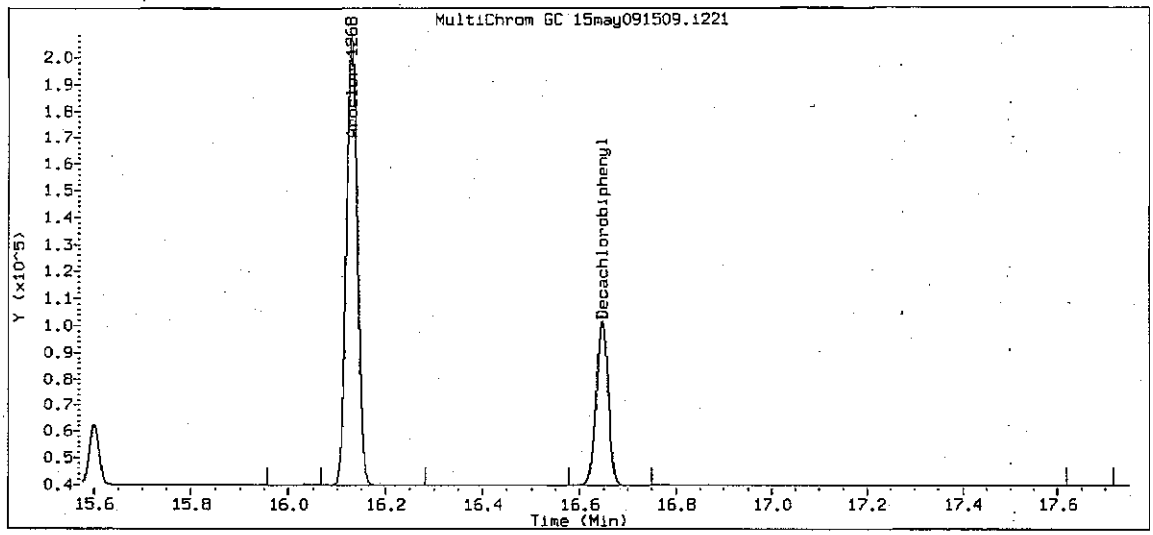
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r221.d
Client Sample ID: AR12683G1
Compound Name: Decachlorobiphenyl

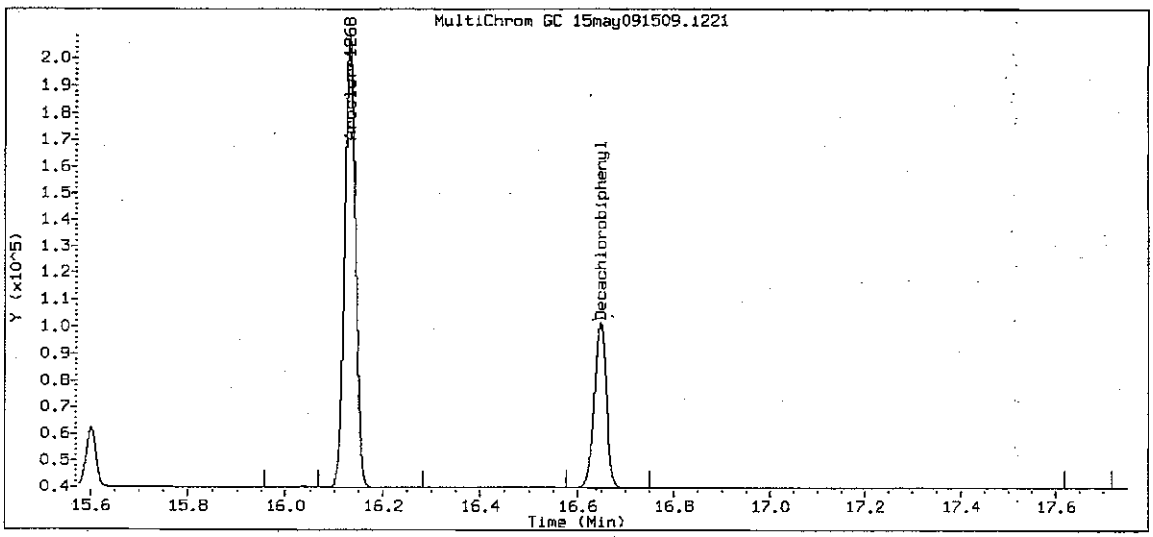
Inj. Date and Time: 15-MAY-2009 23:33
Instrument ID: 5253_2.i
CAS #: 2051-24-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:43



Original Integration:

RT = 16.6472 Height = 61626



Final Integration:

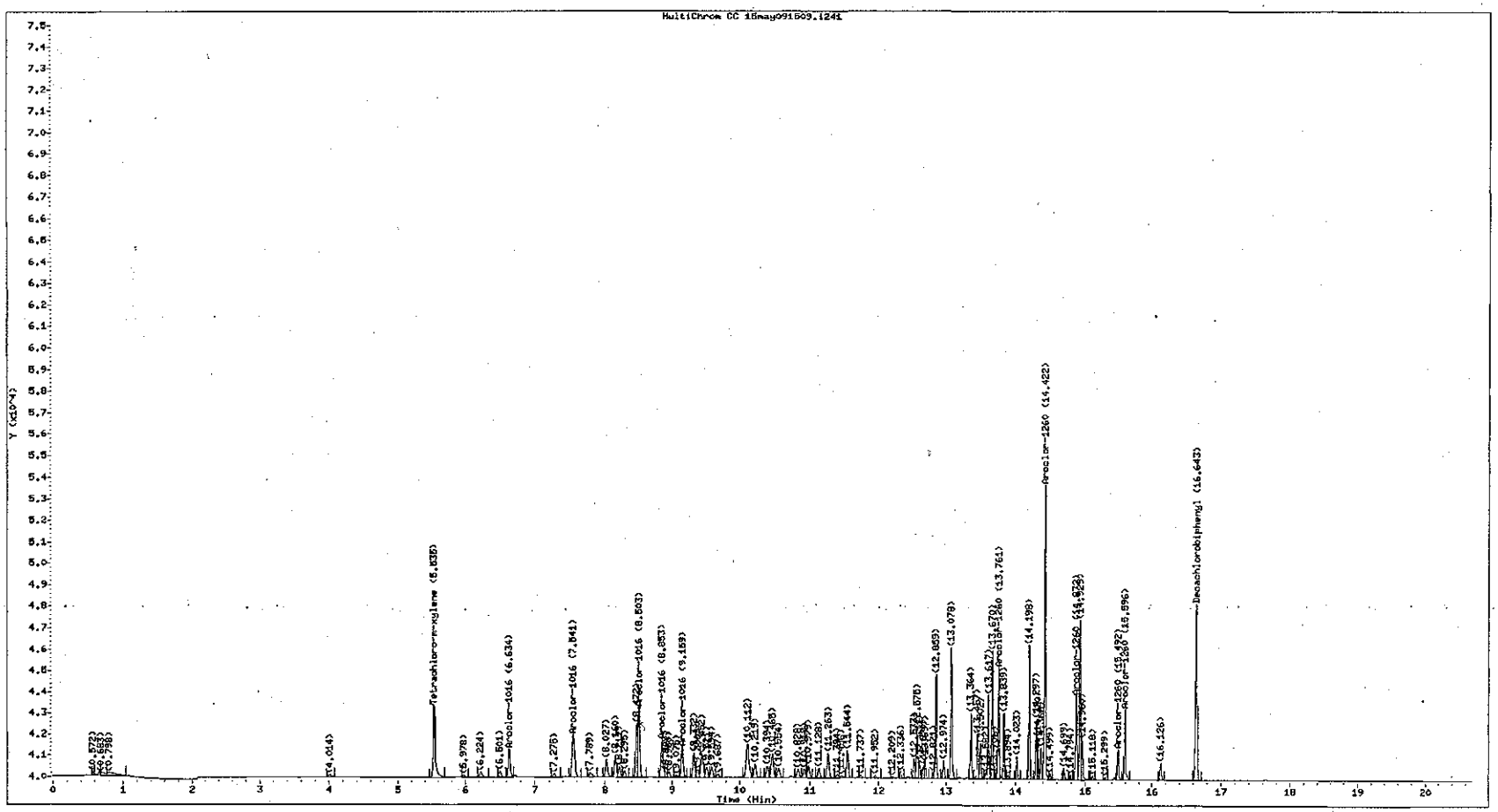
RT = 16.6472 Height = 61648

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16601G1	Client Sample ID: AR16601G1

Matrix	: WATER	Sample Type	: CALIB_1
Analyst	: JLB	Injection Date	: 16-MAY-2009 00:20
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r241.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:43 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16601G1 Client Sample ID: AR16601G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r241.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:43 jb

Sample Type : CALIB_1
Injection Date : 16-MAY-2009 00:20
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.572			243	191			
	2	0.683			651	154			
	3	0.798			1312	155			
	4	4.014			339	127			
$	5	5.535	5.530	0.005	8195	3401	0.00497526		Tetrachloro-m-xylene
	6	5.978			230	109			
	7	6.224			688	259			
	8	6.501			615	298			
	9	6.634	6.628	0.007	2761	1322	0.10728778		Aroclor-1016
	10	7.275			372	173			
	11	7.541	7.535	0.006	5882	1995	0.10657692		Aroclor-1016
	12	7.789			643	219			
	13	8.027			1921	834			
	14	8.160			2195	1020			
	15	8.217			1088	508			
	16	8.295			672	324			
	17	8.472			4500	2537			
	18	8.503	8.496	0.007	7108	3283	0.09992087		Aroclor-1016
	19	8.853	8.846	0.007	3899	1763	0.10429947		Aroclor-1016
	20	8.909			572	292			
	21	8.960			542	240			
	22	9.075			209	96			
	23	9.159	9.154	0.005	3168	1426	0.10301328		Aroclor-1016
	24	9.332			2538	1148			
	25	9.390			848	381			
	26	9.452			2547	1070			
	27	9.521			1077	482			
	28	9.594			1136	494			
	29	9.687			345	146			
	30	10.112			4417	1567			
	31	10.219			1495	638			
	32	10.394			1285	556			
	33	10.465			2632	1124			
	34	10.554			1078	452			
	35	10.828			934	394			
	36	10.919			1013	429			
	37	10.979			1343	568			
	38	11.128			1003	459			
	39	11.263			2482	1162			
	40	11.394			329	167			
	41	11.456			201	99			
	42	11.544			2450	1277			
	43	11.737			295	139			
	44	11.952			312	136			
	45	12.209			214	77			
	46	12.336			538	346			
	47	12.533			1405	931			
	48	12.575			3541	2272			
	49	12.611			1197	827			
	50	12.670			883	640			
	51	12.697			1237	802			
	52	12.821			400	324			
	53	12.859			7218	4884			
	54	12.974			1239	874			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	13.078			8822	6151			
56	13.364			4045	3070			
57	13.457			2759	2027			
58	13.502			2212	1623			
59	13.582			312	280			
60	13.617			5685	3921			
61	13.670			7859	5985			
62	13.706			346	289			
63	13.761	13.754	0.007	6601	5207	0.09751964	M	Aroclor-1260
64	13.839			3813	3090			
65	13.894			250	195			
66	14.023			1384	1080			
67	14.198			7741	6278			
68	14.297			3628	2829			
69	14.320			2359	1949			
70	14.366			1797	1485			
71	14.422	14.414	0.007	16460	13774	0.09315254	M	Aroclor-1260
72	14.499			368	304			
73	14.699			673	552			
74	14.794			299	257			
75	14.872	14.864	0.007	5219	3938	0.09992863	M	Aroclor-1260
76	14.929			9506	7500			
77	14.960			2567	1905			
78	15.118			307	215			
79	15.299			219	158			
80	15.492	15.486	0.006	2014	1444	0.10745747	M	Aroclor-1260
81	15.596	15.590	0.006	4955	3306	0.10015981	M	Aroclor-1260
82	16.126			1342	822			
$ 83	16.643	16.635	0.007	14799	8258	0.00971164	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

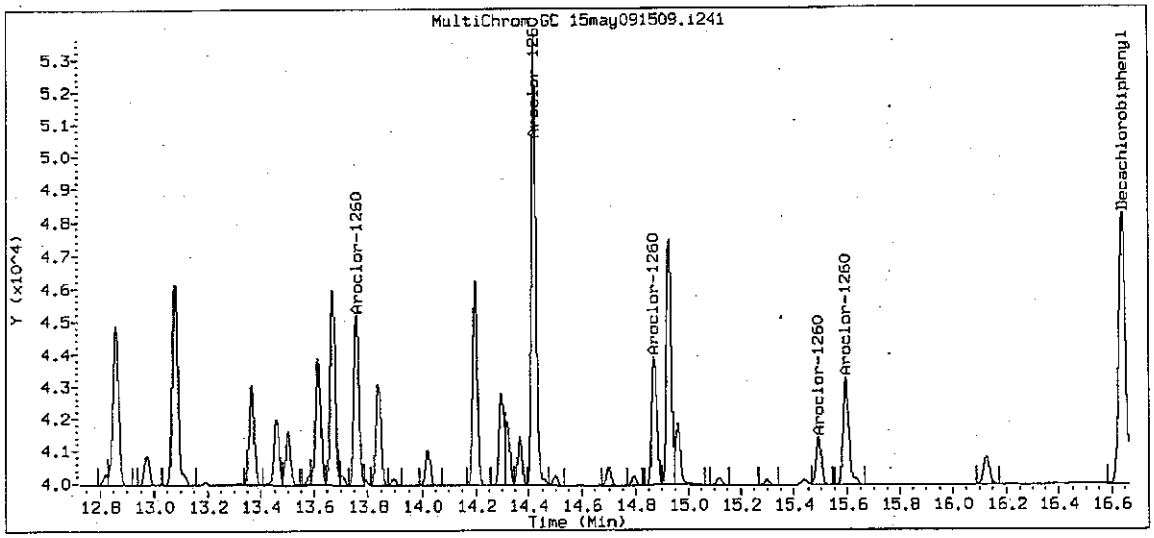
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.535	5.530	0.0050	Tetrachloro-m-xylene
6.634	6.628	0.1000	Aroclor-1016
13.761	13.754	0.1000	Aroclor-1260
16.643	16.635	0.0100	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r241.d
Client Sample ID: AR16601G1
Compound Name: Aroclor-1260

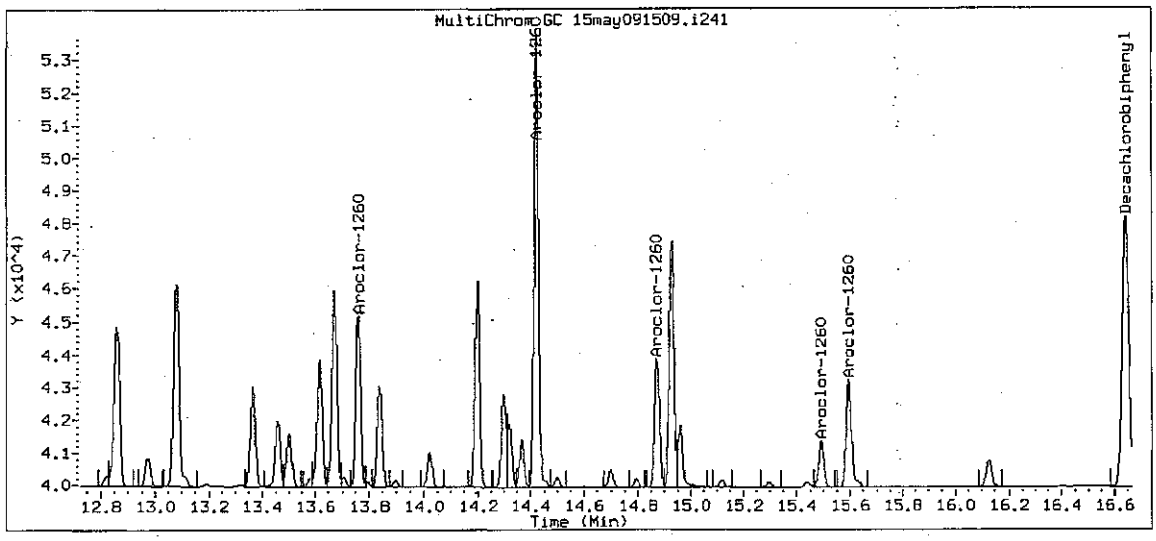
Inj. Date and Time: 16-MAY-2009 00:20
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:43



Original Integration:

RT = 13.7611 Height = 5202
RT = 14.4216 Height = 13760
RT = 14.8716 Height = 3927
RT = 15.4923 Height = 1444
RT = 15.5965 Height = 3306



Final Integration:

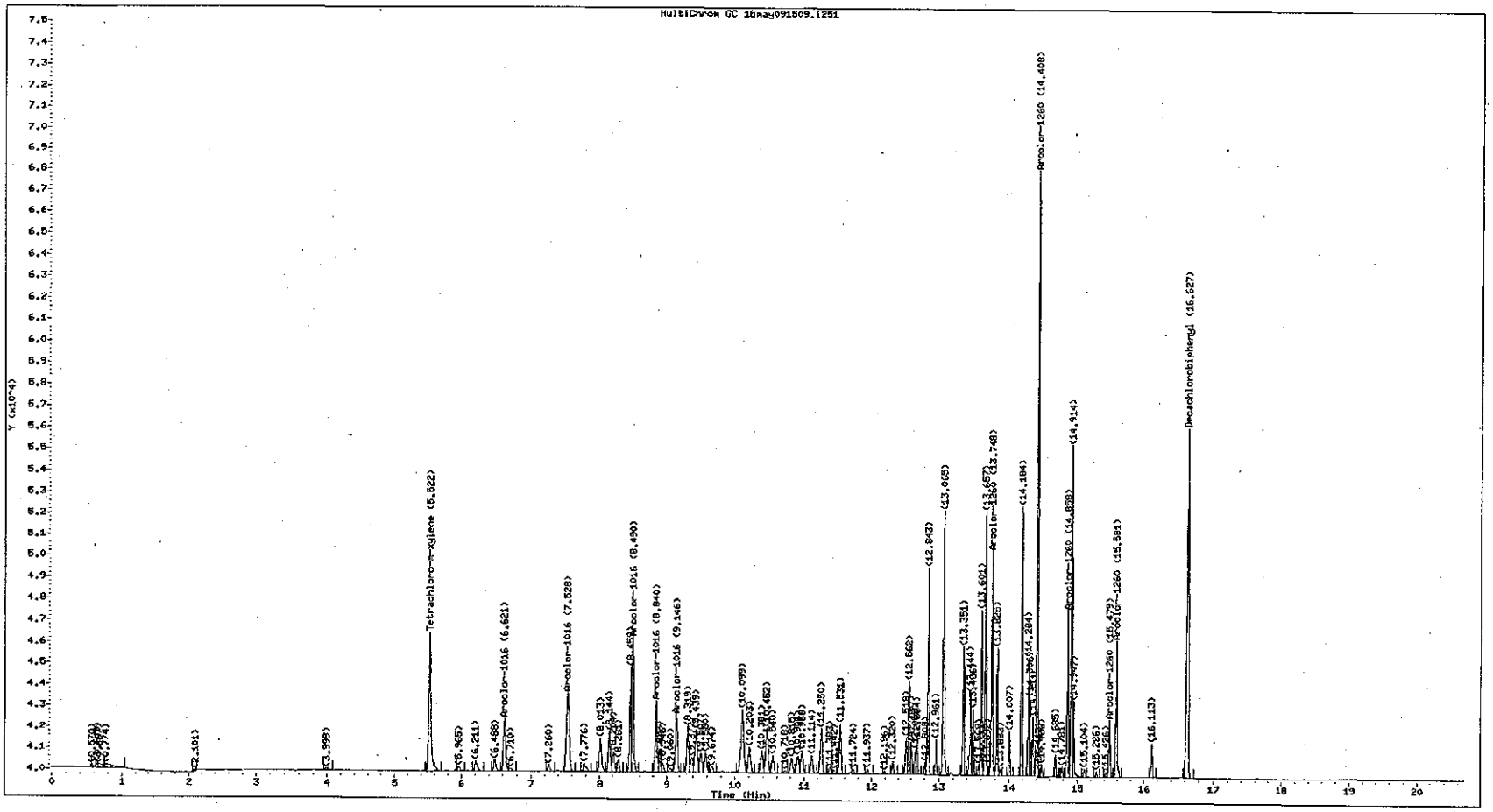
RT = 13.7611 Height = 5207
RT = 14.4216 Height = 13774
RT = 14.8716 Height = 3938
RT = 15.4923 Height = 1444
RT = 15.5965 Height = 3306

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16602G1	Client Sample ID: AR16602G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 16-MAY-2009 00:45
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r251.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:44 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16602G1 Client Sample ID: AR16602G1

Matrix	: WATER	Sample Type	: CALIB_2
Analyst	: JLB	Injection Date	: 16-MAY-2009 00:45
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r251.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:44 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.570			268	167			
	2	0.649			325	262			
	3	0.667			802	178			
	4	0.774			1594	186			
	5	2.101			243	83			
	6	3.999			341	120			
$	7	5.522	5.530	-0.008	15410	6523	0.00954237		Tetrachloro-m-xylene
	8	5.965			482	210			
	9	6.211			1313	495			
	10	6.488			1181	544			
	11	6.621	6.628	-0.006	5242	2505	0.20329492		Aroclor-1016
	12	6.710			344	146			
	13	7.260			716	334			
	14	7.528	7.535	-0.007	11012	3722	0.19883674		Aroclor-1016
	15	7.776			1221	401			
	16	8.013			3600	1575			
	17	8.144			4137	1901			
	18	8.204			2012	939			
	19	8.281			1271	604			
	20	8.459			8665	4911			
	21	8.490	8.496	-0.006	13659	6334	0.19278062		Aroclor-1016
	22	8.840	8.846	-0.006	7341	3374	0.19960658		Aroclor-1016
	23	8.893			1134	548			
	24	8.946			1021	458			
	25	9.060			402	183			
	26	9.146	9.154	-0.008	6025	2738	0.19779128		Aroclor-1016
	27	9.319			4748	2155			
	28	9.377			1586	721			
	29	9.439			4804	1991			
	30	9.507			2032	890			
	31	9.580			2088	908			
	32	9.674			642	278			
	33	10.099			8574	2953			
	34	10.203			2803	1221			
	35	10.381			2401	1039			
	36	10.452			5000	2117			
	37	10.540			1979	833			
	38	10.718			279	122			
	39	10.815			1740	734			
	40	10.906			1891	814			
	41	10.968			2520	1074			
	42	11.114			1889	857			
	43	11.250			4615	2107			
	44	11.383			623	324			
	45	11.442			378	185			
	46	11.531			4615	2364			
	47	11.724			541	257			
	48	11.937			516	260			
	49	12.196			317	130			
	50	12.320			988	620			
	51	12.518			2663	1762			
	52	12.562			6706	4356			
	53	12.597			2194	1545			
	54	12.655			1674	1185			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.684			2272	1488			
56	12.808			701	606			
57	12.843			13915	9654			
58	12.961			2344	1671			
59	13.065			17170	12343			
60	13.351			7909	6026			
61	13.444			5287	3864			
62	13.486			4212	3112			
63	13.568			611	522			
64	13.601			10975	7723			
65	13.657			15413	12347			
66	13.692			648	554			
67	13.748	13.754	-0.006	12845	10478	0.19623790	M	Aroclor-1260
68	13.825			7268	5982			
69	13.883			464	367			
70	14.007			2581	2088			
71	14.184			15009	12619			
72	14.284			6966	5534			
73	14.306			4394	3701			
74	14.353			3351	2805			
75	14.408	14.414	-0.006	32733	28188	0.19063335	M	Aroclor-1260
76	14.442			393	390			
77	14.486			679	578			
78	14.685			1265	1055			
79	14.781			589	483			
80	14.858	14.864	-0.006	10084	7796	0.19782722	M	Aroclor-1260
81	14.914			18817	15453			
82	14.947			4737	3520			
83	15.104			598	419			
84	15.286			417	295			
85	15.426			340	249			
86	15.479	15.486	-0.007	3834	2706	0.20137112	M	Aroclor-1260
87	15.581	15.590	-0.009	9573	6399	0.19386650	M	Aroclor-1260
88	16.113			2540	1596			
$ 89	16.627	16.635	-0.008	29109	16294	0.01916220		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.522	5.530	0.0100	Tetrachloro-m-xylene
6.621	6.628	0.2000	Aroclor-1016
13.748	13.754	0.2000	Aroclor-1260
16.627	16.635	0.0200	Decachlorobiphenyl

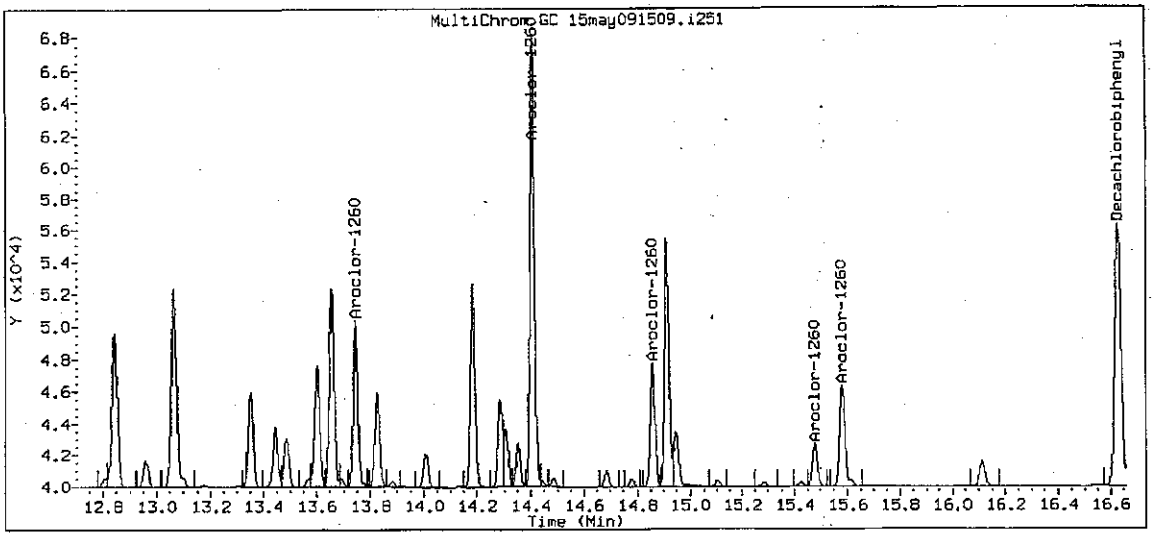
Reported: 05/18/2009 11:44 jb 15may091509-r251.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r251.d
Client Sample ID: AR16602G1
Compound Name: Aroclor-1260

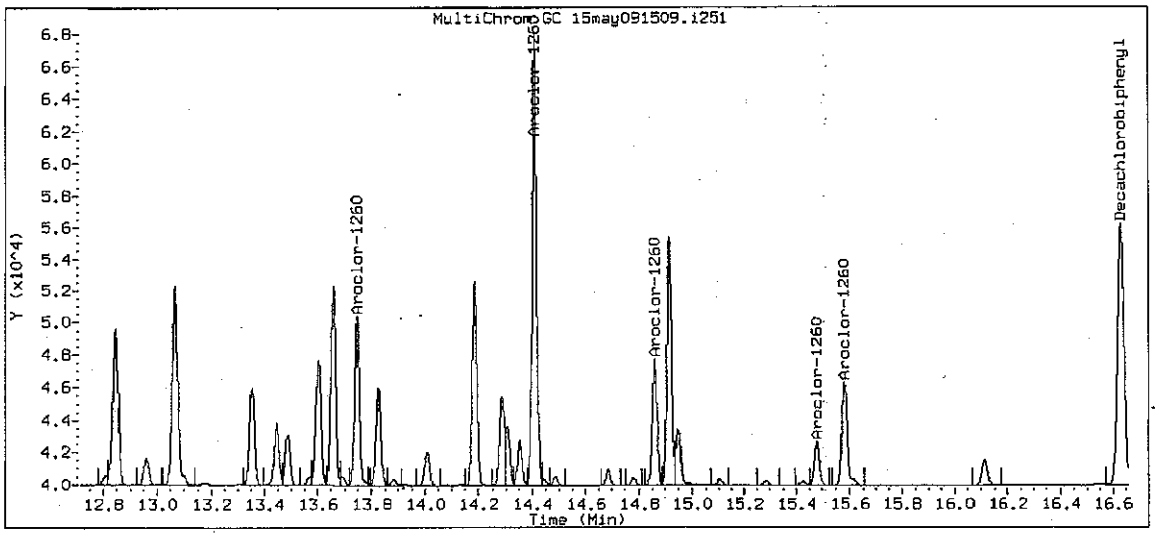
Inj. Date and Time: 16-MAY-2009 00:45
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:44



Original Integration:

RT = 13.7478 Height = 10460
RT = 14.4083 Height = 28163
RT = 14.8583 Height = 7773
RT = 15.4790 Height = 2706
RT = 15.5809 Height = 6399



Final Integration:

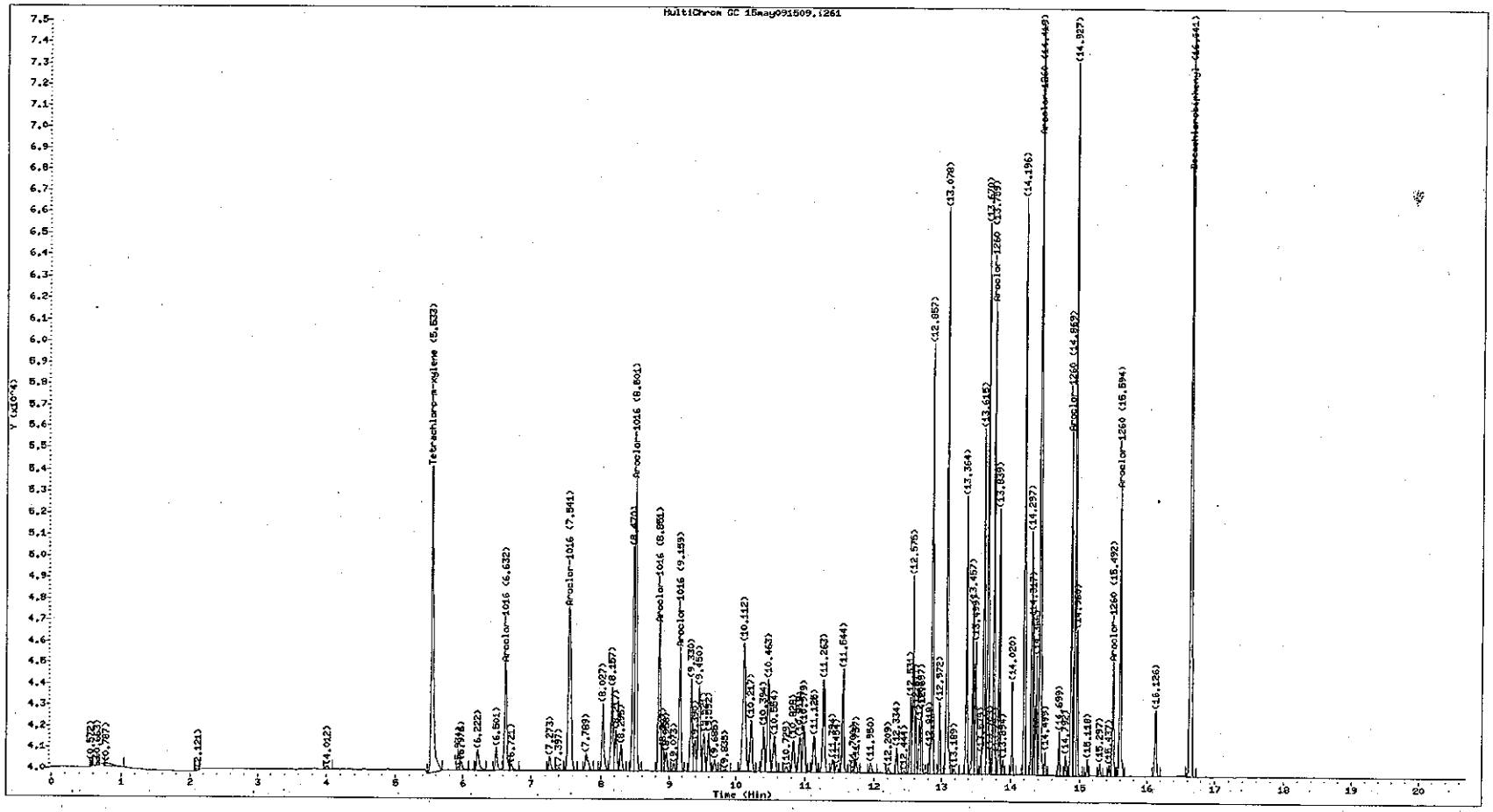
RT = 13.7478 Height = 10478
RT = 14.4083 Height = 28188
RT = 14.8583 Height = 7796
RT = 15.4790 Height = 2706
RT = 15.5809 Height = 6399

Manual Integration Reason: MI1 - Poor automated baseline

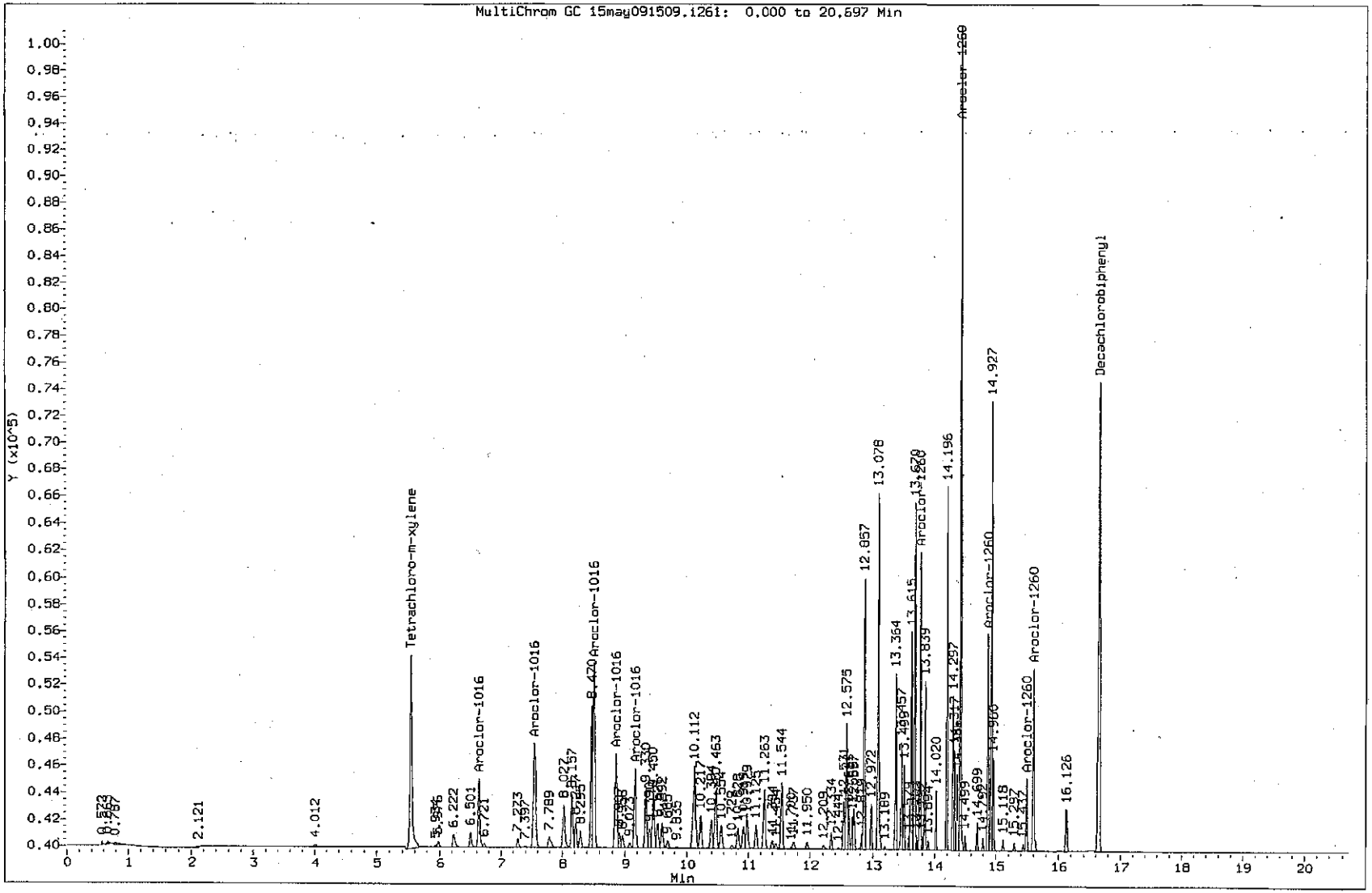
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G1	Client Sample ID: AR16603G1

Matrix	: WATER	Sample Type	: CALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 01:08
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r261.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:44 jb		



Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r261.d/15may091509.i261
Injection Date: 16-MAY-2009 01:08
Instrument: 5253_2.i
Client Sample ID: AR16603G1



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G1 Client Sample ID: AR16603G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r261.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:44 jb

Sample Type : CALIB_3
Injection Date : 16-MAY-2009 01:08
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.572			237	255			
	2	0.663			284	260			
	3	0.787			1216	156			
	4	2.121			273	76			
	5	4.012			471	172			
$	6	5.533	5.530	0.003	33139	14346	0.02098649		Tetrachloro-m-xylene
	7	5.934			325	177			
	8	5.976			1088	440			
	9	6.222			2663	963			
	10	6.501			2318	1108			
	11	6.632	6.628	0.005	10547	5066	0.41113456		Aroclor-1016
	12	6.721			706	300			
	13	7.273			1411	663			
	14	7.397			247	108			
	15	7.541	7.535	0.006	22319	7709	0.41183030		Aroclor-1016
	16	7.789			2431	798			
	17	8.027			7232	3161			
	18	8.157			8240	3910			
	19	8.217			4082	1927			
	20	8.295			2544	1239			
	21	8.470			18560	10515			
	22	8.501	8.496	0.005	28191	13667	0.41596664		Aroclor-1016
	23	8.851	8.846	0.005	15045	6975	0.41264254		Aroclor-1016
	24	8.907			2186	1106			
	25	8.958			2037	891			
	26	9.073			820	369			
	27	9.159	9.154	0.005	12411	5824	0.42072185		Aroclor-1016
	28	9.330			9525	4352			
	29	9.390			3073	1446			
	30	9.450			9684	4017			
	31	9.521			4053	1827			
	32	9.592			4164	1845			
	33	9.685			1276	547			
	34	9.835			261	92			
	35	10.112			17190	6059			
	36	10.217			5604	2441			
	37	10.394			4790	2105			
	38	10.463			10131	4346			
	39	10.554			3946	1693			
	40	10.729			565	257			
	41	10.828			3493	1503			
	42	10.919			3847	1661			
	43	10.979			5061	2183			
	44	11.125			3833	1748			
	45	11.263			9290	4367			
	46	11.394			1261	636			
	47	11.454			774	384			
	48	11.544			9282	4873			
	49	11.700			251	167			
	50	11.737			1099	527			
	51	11.950			1089	508			
	52	12.209			800	282			
	53	12.334			2035	1256			
	54	12.444			324	131			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.531			5475	3573			
	56	12.575			13771	9293			
	57	12.611			4328	3011			
	58	12.668			3478	2451			
	59	12.697			4534	3013			
	60	12.819			1466	1227			
	61	12.857			28975	20089			
	62	12.972			4708	3358			
	63	13.078			35965	26352			
	64	13.189			384	252			
	65	13.364			16479	12998			
	66	13.457			10675	7925			
	67	13.499			8310	6229			
	68	13.579			1047	1015			
	69	13.615			22861	16115			
	70	13.670			32701	25658			
	71	13.703			1173	1096			
	72	13.759	13.754	0.005	26685	22004	0.41210333	M	Aroclor-1260
	73	13.792			1002	1023			
	74	13.839			15071	12430			
	75	13.894			896	726			
	76	14.020			5226	4371			
	77	14.196			31541	26854			
	78	14.297			14691	11396			
	79	14.317			8520	7389			
	80	14.366			6747	5596			
	81	14.419	14.414	0.005	71493	61565	0.41635952	M	Aroclor-1260
	82	14.499			1358	1129			
	83	14.699			2516	2086			
	84	14.792			1152	957			
	85	14.869	14.864	0.005	20953	16025	0.40664203	M	Aroclor-1260
	86	14.927			39037	33275			
	87	14.960			8466	6844			
	88	15.118			1120	811			
	89	15.297			806	589			
	90	15.437			722	505			
	91	15.492	15.486	0.006	7793	5357	0.39864934	M	Aroclor-1260
	92	15.594	15.590	0.004	19789	13464	0.40791038	M	Aroclor-1260
	93	16.126			5106	3094			
$	94	16.641	16.635	0.005	61824	34706	0.04081522		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
6.632	6.628	0.4000	Aroclor-1016
13.759	13.754	0.4000	Aroclor-1260
16.641	16.635	0.0400	Decachlorobiphenyl

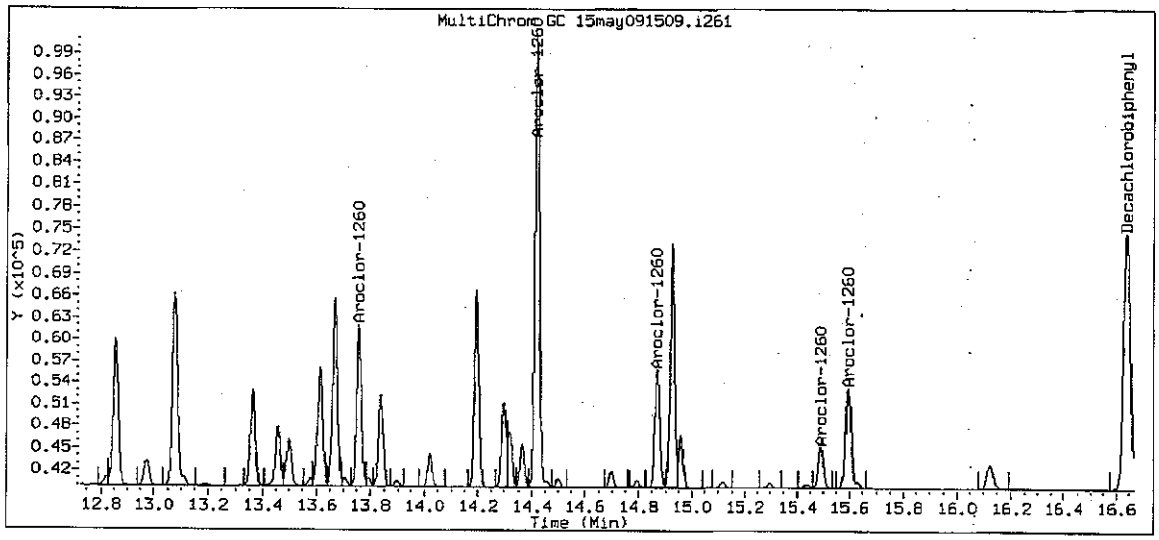
Reported: 05/18/2009 11:44 jb 15may091509-r261.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r261.d
Client Sample ID: AR16603G1
Compound Name: Aroclor-1260

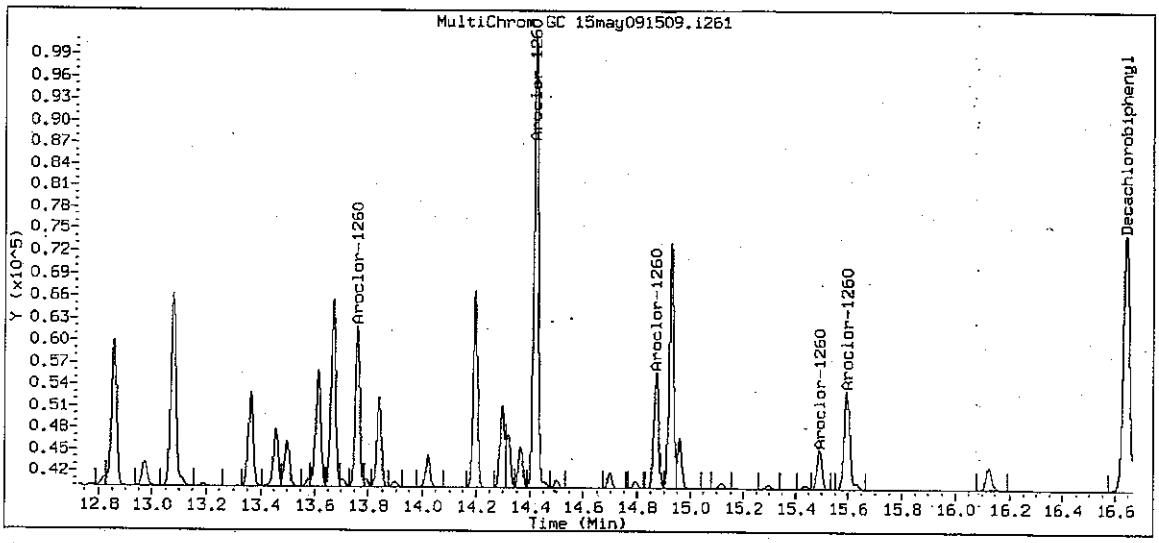
Inj. Date and Time: 16-MAY-2009 01:08
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:44



Original Integration:

RT = 13.7589 Height = 22004
RT = 14.4194 Height = 61536
RT = 14.8694 Height = 15999
RT = 15.4923 Height = 5350
RT = 15.5943 Height = 13458



Final Integration:

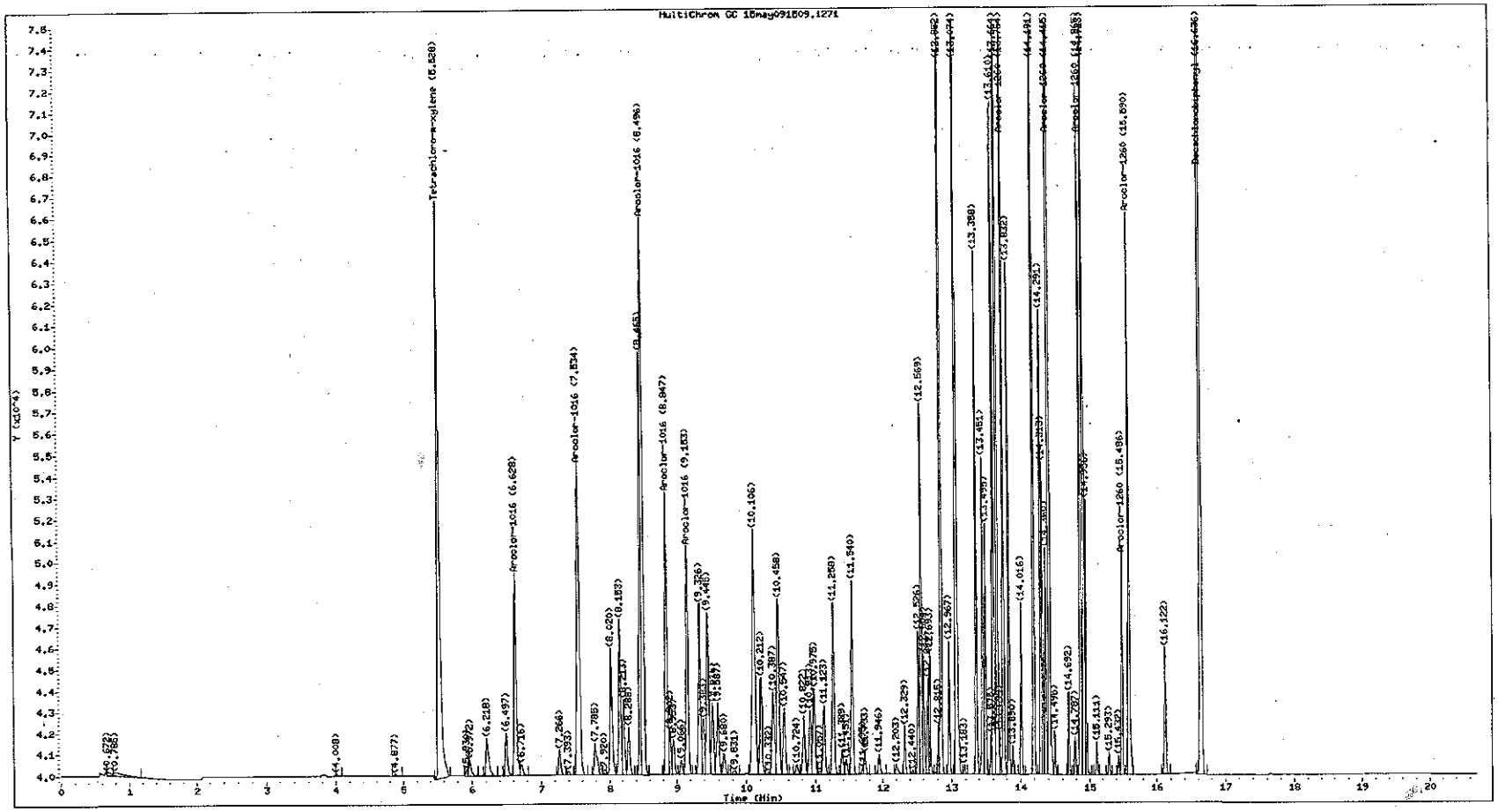
RT = 13.7589 Height = 22004
RT = 14.4194 Height = 61565
RT = 14.8694 Height = 16025
RT = 15.4923 Height = 5357
RT = 15.5943 Height = 13464

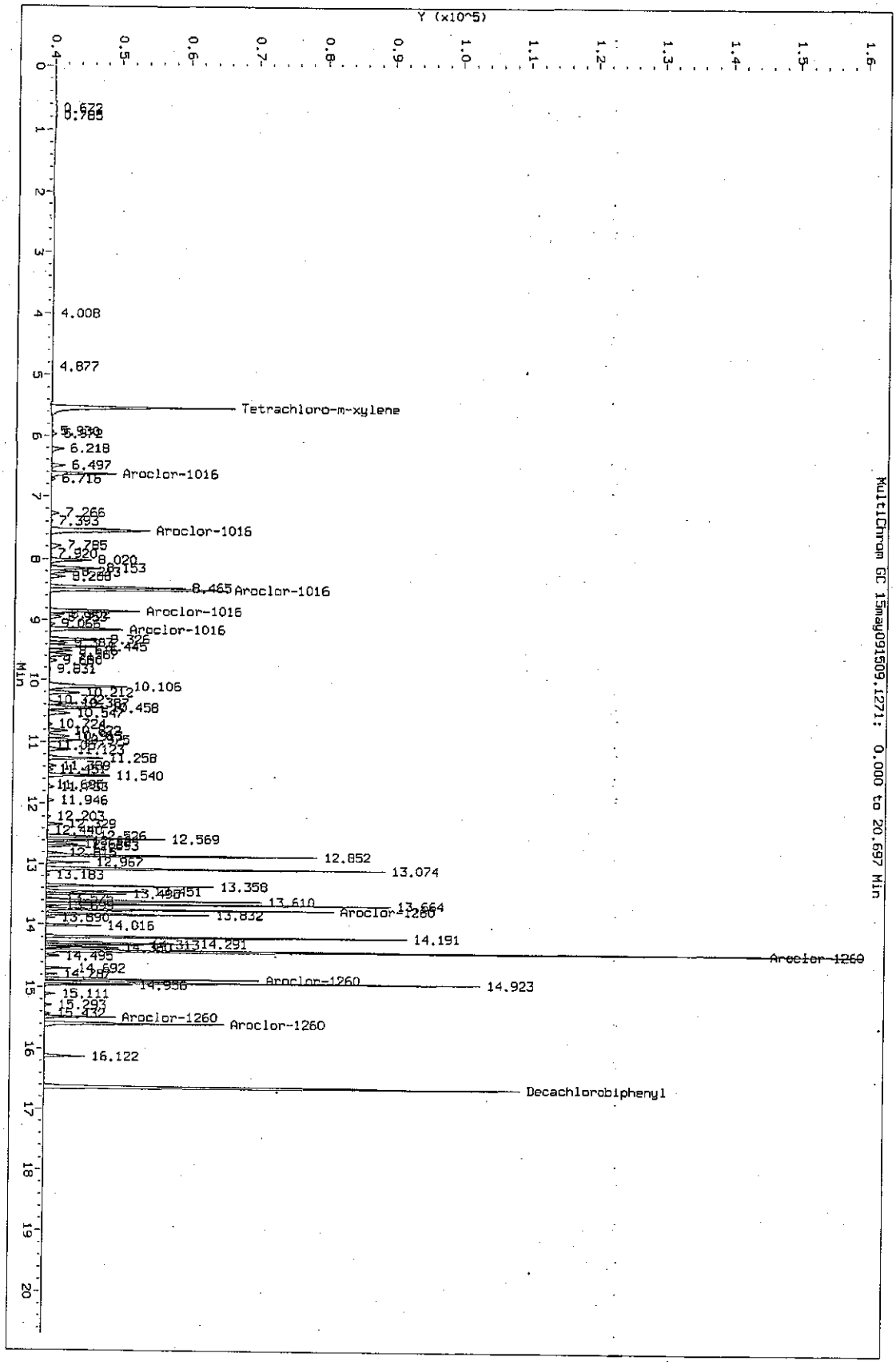
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16604G1	Client Sample ID: AR16604G1

Matrix	: WATER	Sample Type	: CALIB_4
Analyst	: JLB	Injection Date	: 16-MAY-2009 01:32
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r271.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:44 jb		




Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r271.d/15may091509.i271
Injection Date: 16-MAY-2009 01:32
Instrument: 5253_2.i
Client Sample ID: AR166041
MultiChrom GC 15may091509.i271: 0.000 to 20.697 Min
Y (x10^5)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16604G1 Client Sample ID: AR16604G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r271.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:44 jb

Sample Type : CALIB_4
Injection Date : 16-MAY-2009 01:32
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.672			745	180			
	2	0.785			1748	167			
	3	4.008			220	108			
	4	4.877			317	98			
$	5	5.528	5.530	-0.001	63424	26895	0.03934419		Tetrachloro-m-xylene
	6	5.930			574	311			
	7	5.972			1917	761			
	8	6.218			4889	1767			
	9	6.497			4336	1991			
	10	6.628	6.628	0.000	19749	9488	0.77000487		Aroclor-1016
	11	6.716			1342	543			
	12	7.266			2635	1177			
	13	7.393			541	211			
	14	7.534	7.535	0.000	42024	14543	0.77691635		Aroclor-1016
	15	7.785			4561	1486			
	16	7.920			207	96			
	17	8.020			13542	5925			
	18	8.153			15476	7264			
	19	8.213			7592	3550			
	20	8.288			4743	2238			
	21	8.465			33755	19696			
	22	8.496	8.496	0.000	56061	25929	0.78917093		Aroclor-1016
	23	8.847	8.846	0.000	28326	13183	0.77990919		Aroclor-1016
	24	8.902			4011	2048			
	25	8.953			3706	1617			
	26	9.066			1512	682			
	27	9.153	9.154	-0.001	23380	10683	0.77173275		Aroclor-1016
	28	9.326			17593	7961			
	29	9.383			5583	2583			
	30	9.445			17807	7562			
	31	9.516			7335	3305			
	32	9.587			7623	3302			
	33	9.680			2315	979			
	34	9.831			509	170			
	35	10.106			32220	11424			
	36	10.212			10279	4488			
	37	10.332			238	122			
	38	10.387			8768	3818			
	39	10.458			18758	8163			
	40	10.547			7214	3076			
	41	10.724			1054	466			
	42	10.822			6361	2737			
	43	10.913			6977	2981			
	44	10.975			9175	4009			
	45	11.057			262	129			
	46	11.123			6956	3205			
	47	11.258			17048	7978			
	48	11.389			2269	1157			
	49	11.451			1426	667			
	50	11.540			17043	9013			
	51	11.695			435	301			
	52	11.733			1980	940			
	53	11.946			1860	920			
	54	12.203			1151	484			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.329			3574	2232			
56	12.440			350	183			
57	12.526			10031	6652			
58	12.569			25512	17248			
59	12.604			8237	5618			
60	12.664			6459	4442			
61	12.693			8122	5558			
62	12.815			2688	2264			
63	12.852			55390	39422			
64	12.967			8567	6190			
65	13.074			68721	49425			
66	13.183			633	443			
67	13.358			31327	24315			
68	13.451			19812	14771			
69	13.495			15638	11679			
70	13.575			2068	1893			
71	13.610			43126	31380			
72	13.664			62197	50317			
73	13.699			2391	1995			
74	13.754	13.754	0.000	50969	42008	0.78674954	M	Aroclor-1260
75	13.832			28580	23786			
76	13.890			1651	1321			
77	14.016			9745	7990			
78	14.191			60734	52740			
79	14.291			27999	21597			
80	14.313			15653	14518			
81	14.360			12487	10553			
82	14.415	14.414	0.001	138445	120338	0.81383695	M	Aroclor-1260
83	14.495			2471	2019			
84	14.692			4539	3843			
85	14.787			2082	1748			
86	14.865	14.864	0.001	39698	31174	0.79105514	M	Aroclor-1260
87	14.923			75361	63750			
88	14.956			15431	12822			
89	15.111			2016	1533			
90	15.293			1429	1036			
91	15.432			1239	878			
92	15.486	15.486	0.000	14391	10290	0.76574607	M	Aroclor-1260
93	15.590	15.590	0.000	37427	26091	0.79046270	M	Aroclor-1260
94	16.122			9266	5876			
$ 95	16.636	16.635	0.001	119552	69677	0.08194209		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.528	5.530	0.0400	Tetrachloro-m-xylene
6.628	6.628	0.8000	Aroclor-1016
13.754	13.754	0.8000	Aroclor-1260
16.636	16.635	0.0800	Decachlorobiphenyl

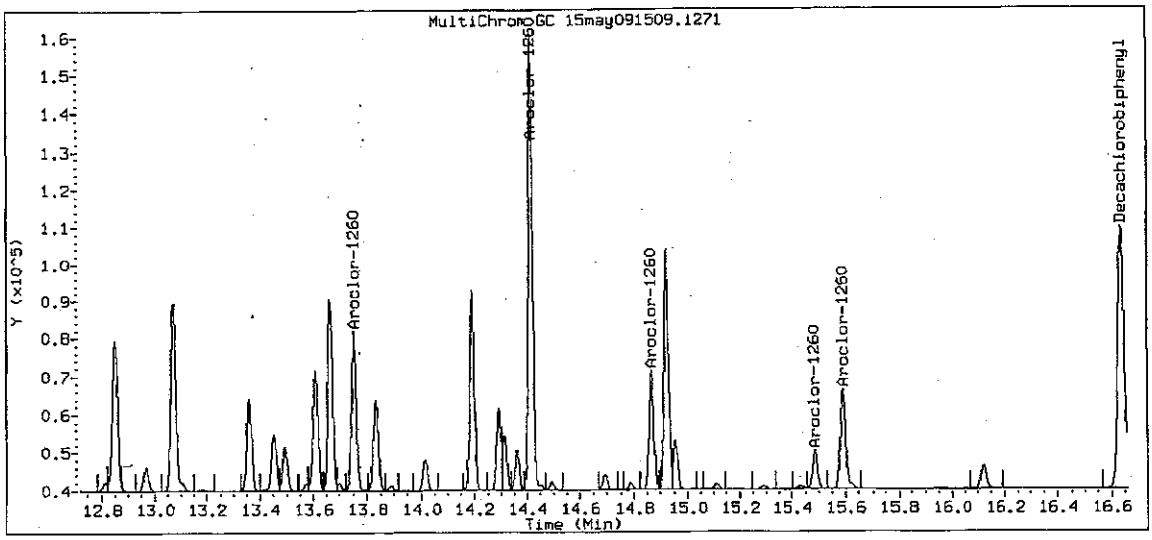
Reported: 05/18/2009 11:44 jb 15may091509-r271.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r271.d
Client Sample ID: AR16604G1
Compound Name: Aroclor-1260

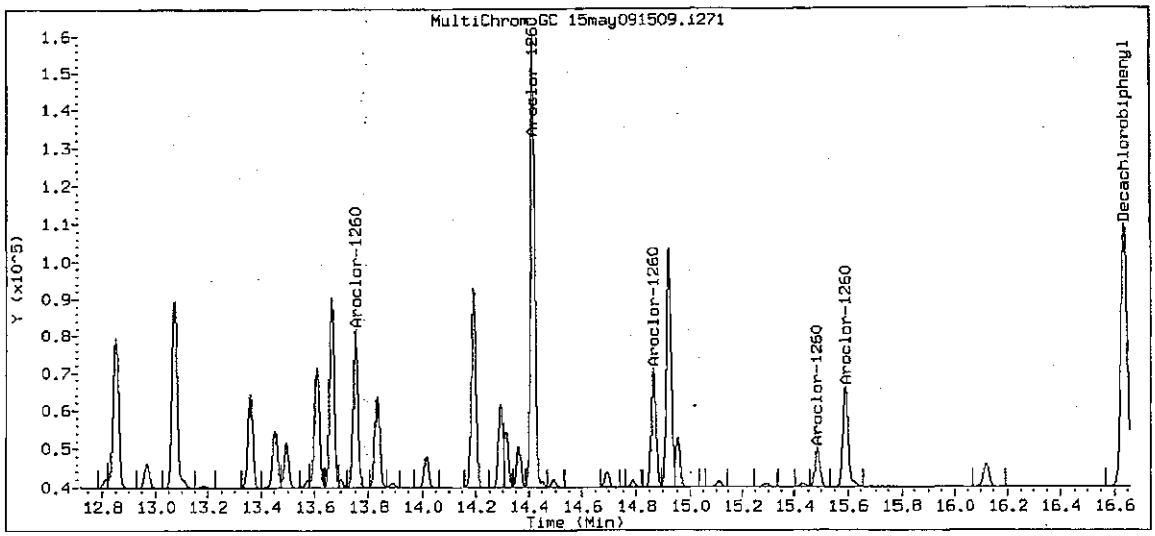
Inj. Date and Time: 16-MAY-2009 01:32
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:44



Original Integration:

RT = 13.7544 Height = 41954
RT = 14.4150 Height = 120276
RT = 14.8650 Height = 31134
RT = 15.4856 Height = 10290
RT = 15.5898 Height = 26091



Final Integration:

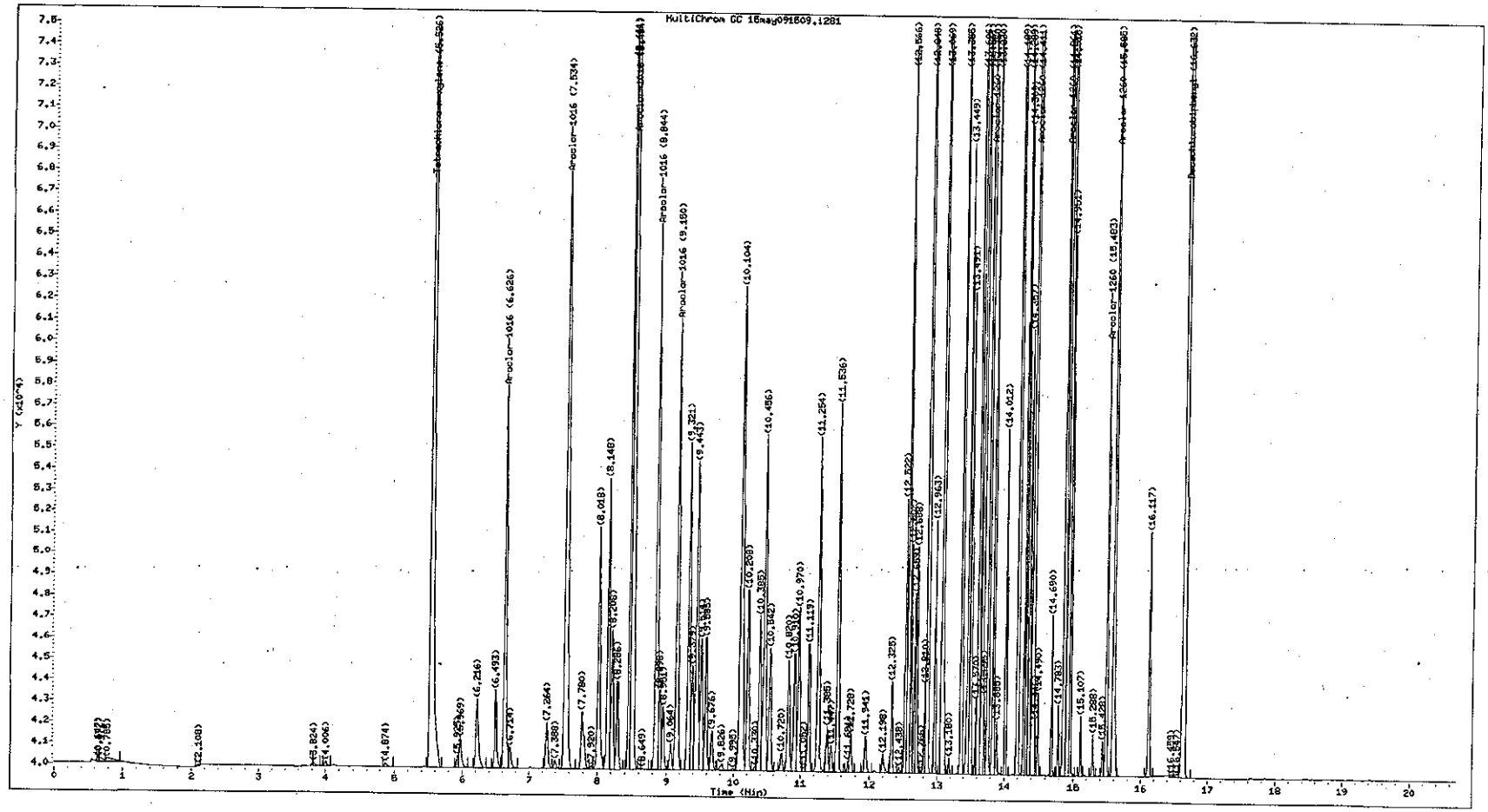
RT = 13.7544 Height = 42008
RT = 14.4150 Height = 120338
RT = 14.8650 Height = 31174
RT = 15.4856 Height = 10290
RT = 15.5898 Height = 26091

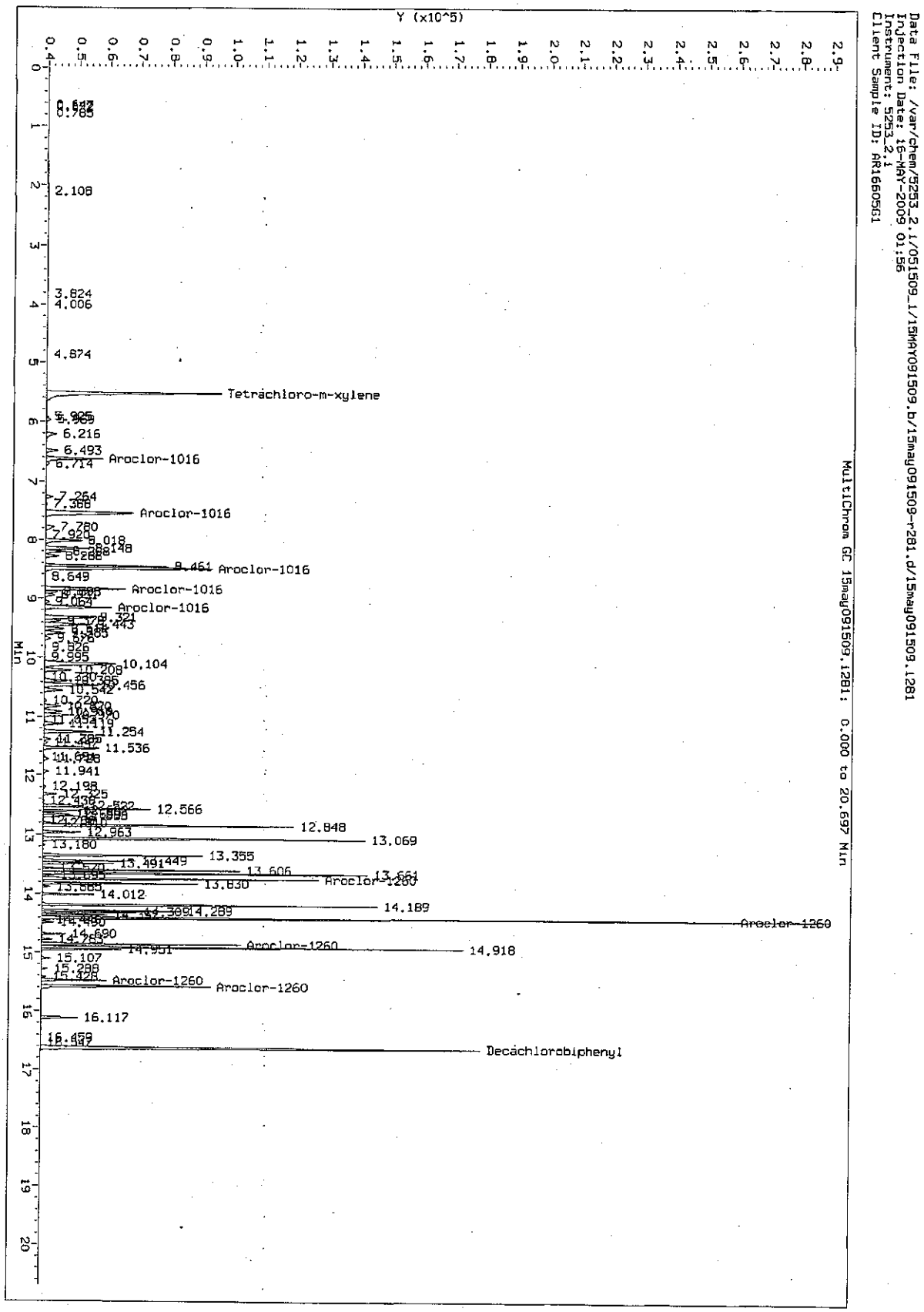
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16605G1	Client Sample ID: AR16605G1

Matrix	: WATER	Sample Type	: CALIB_5
Analyst	: JLB	Injection Date	: 16-MAY-2009 01:56
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r281.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:44 jb		




Data File: /var/chem/5253_2.i/051509_i/15MAY091509.b/15may091509-r281.d/15may091509.i281
Injection Date: 16-MAY-2009 01:56
Instrument: 5253_2.i
Client Sample ID: AR1660561
MultiChrom GC 15may091509.i281: 0.000 to 20.697 Min
Y (x10^5)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16605G1 Client Sample ID: AR16605G1

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r281.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:44 jb

Sample Type : CALIB_5
Injection Date : 16-MAY-2009 01:56
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.647			390	207			
	2	0.672			722	173			
	3	0.785			1319	165			
	4	2.108			215	64			
	5	3.824			383	156			
	6	4.006			512	194			
	7	4.874			482	180			
$	8	5.526	5.530	-0.004	126340	55659	0.08142251	A	Tetrachloro-m-xylene
	9	5.925			961	567			
	10	5.969			3462	1416			
	11	6.216			8997	3271			
	12	6.493			8003	3680			
	13	6.626	6.628	-0.002	38007	18144	1.47248823		Aroclor-1016
	14	6.714			2519	990			
	15	7.264			4914	2189			
	16	7.388			961	388			
	17	7.534	7.535	0.000	82323	28133	1.50292152		Aroclor-1016
	18	7.780			8515	2732			
	19	7.920			360	172			
	20	8.018			25884	11479			
	21	8.148			29418	13822			
	22	8.208			14559	6613			
	23	8.286			8957	4163			
	24	8.461			63908	39220			
	25	8.494	8.496	-0.002	115751	53122	1.61681276		Aroclor-1016
	26	8.649			208	71			
	27	8.844	8.846	-0.002	55260	25760	1.52396728		Aroclor-1016
	28	8.898			7833	3771			
	29	8.951			6814	2998			
	30	9.064			2776	1222			
	31	9.150	9.154	-0.003	45831	21361	1.54310430		Aroclor-1016
	32	9.321			33619	15527			
	33	9.379			10753	4935			
	34	9.443			33948	14639			
	35	9.514			13993	6220			
	36	9.585			14255	6293			
	37	9.676			4309	1858			
	38	9.826			948	319			
	39	9.995			270	96			
	40	10.104			63202	22848			
	41	10.208			19503	8556			
	42	10.330			445	228			
	43	10.385			16605	7352			
	44	10.456			36526	15966			
	45	10.542			13633	5826			
	46	10.720			1949	855			
	47	10.820			12090	5255			
	48	10.910			13103	5574			
	49	10.970			17687	7757			
	50	11.052			493	248			
	51	11.119			13298	6034			
	52	11.254			33083	15861			
	53	11.385			4293	2153			
	54	11.447			2625	1261			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	11.536			33283	17509			
56	11.691			786	539			
57	11.728			3816	1817			
58	11.941			3457	1741			
59	12.198			1997	874			
60	12.325			6794	4316			
61	12.438			497	295			
62	12.522			19402	13068			
63	12.566			51607	34367			
64	12.602			15047	10865			
65	12.659			12273	8543			
66	12.688			15780	10740			
67	12.766			210	162			
68	12.810			5000	4201			
69	12.848			111713	79867			
70	12.963			16479	12036			
71	13.069			139123	102335			
72	13.180			1165	794			
73	13.355			63677	51031			
74	13.449			39239	29797			
75	13.491			30620	22833			
76	13.570			3815	3516			
77	13.606			87462	63105			
78	13.661			126687	103381			
79	13.695			4601	3755			
80	13.750	13.754	-0.004	103790	87987	1.64787021	AM	Aroclor-1260
81	13.830			58489	49530			
82	13.885			3160	2557			
83	14.012			19634	16457			
84	14.189			125213	106564			
85	14.289			52909	44523			
86	14.309			36291	30697			
87	14.357			24921	21101			
88	14.411	14.414	-0.004	284690	250096	1.69138065	AM	Aroclor-1260
89	14.446			2521	2606			
90	14.490			4708	3930			
91	14.690			8814	7624			
92	14.783			3974	3356			
93	14.861	14.864	-0.004	81652	63441	1.60984569	AM	Aroclor-1260
94	14.918			155744	133836			
95	14.951			30949	25562			
96	15.107			3830	2880			
97	15.288			2707	2025			
98	15.428			2322	1677			
99	15.483	15.486	-0.003	28678	20743	1.54362204	AM	Aroclor-1260
100	15.585	15.590	-0.005	76319	53932	1.63394406	AM	Aroclor-1260
101	16.117			18272	11636			
102	16.459			384	109			
103	16.547			539	147			
$ 104	16.632	16.635	-0.004	245920	139598	0.16417114	A	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.526	5.530	0.0800	Tetrachloro-m-xylene
6.626	6.628	1.6000	Aroclor-1016
13.750	13.754	1.6000	Aroclor-1260
16.632	16.635	0.1600	Decachlorobiphenyl

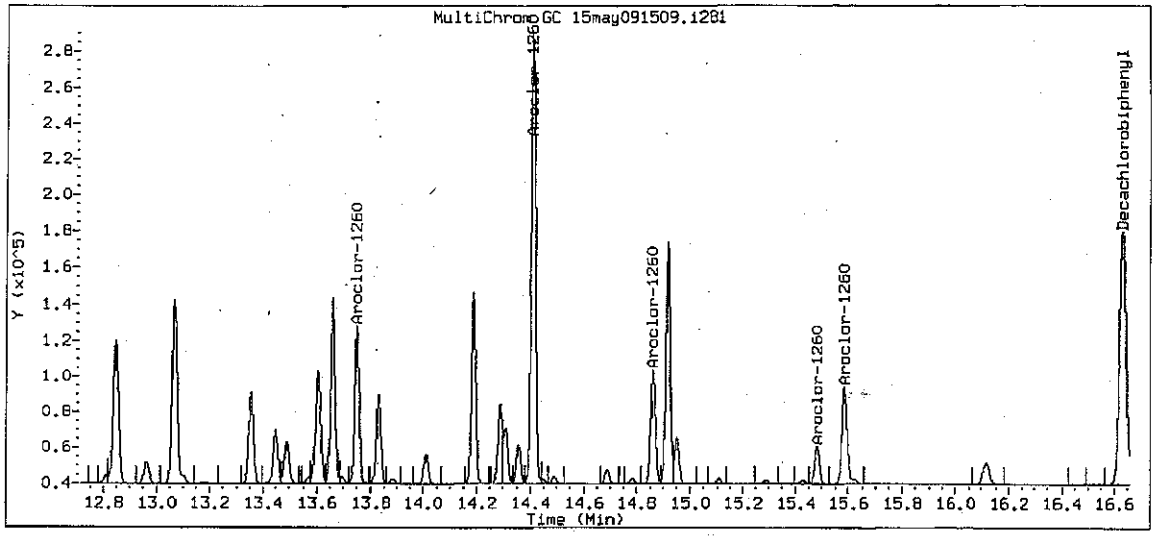
Reported: 05/18/2009 11:44 jb 15may091509-r281.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r281.d
Client Sample ID: AR16605G1
Compound Name: Aroclor-1260

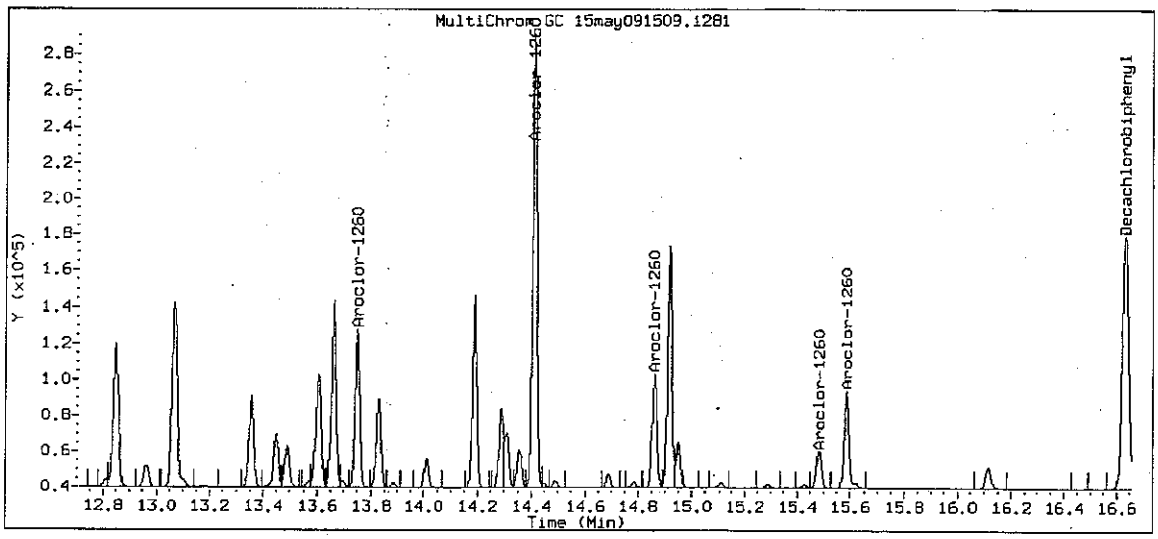
Inj. Date and Time: 16-MAY-2009 01:56
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:45



Original Integration:

RT = 13.7500 Height = 87890
RT = 14.4106 Height = 249989
RT = 14.8605 Height = 63377
RT = 15.4834 Height = 20743
RT = 15.5854 Height = 53932



Final Integration:

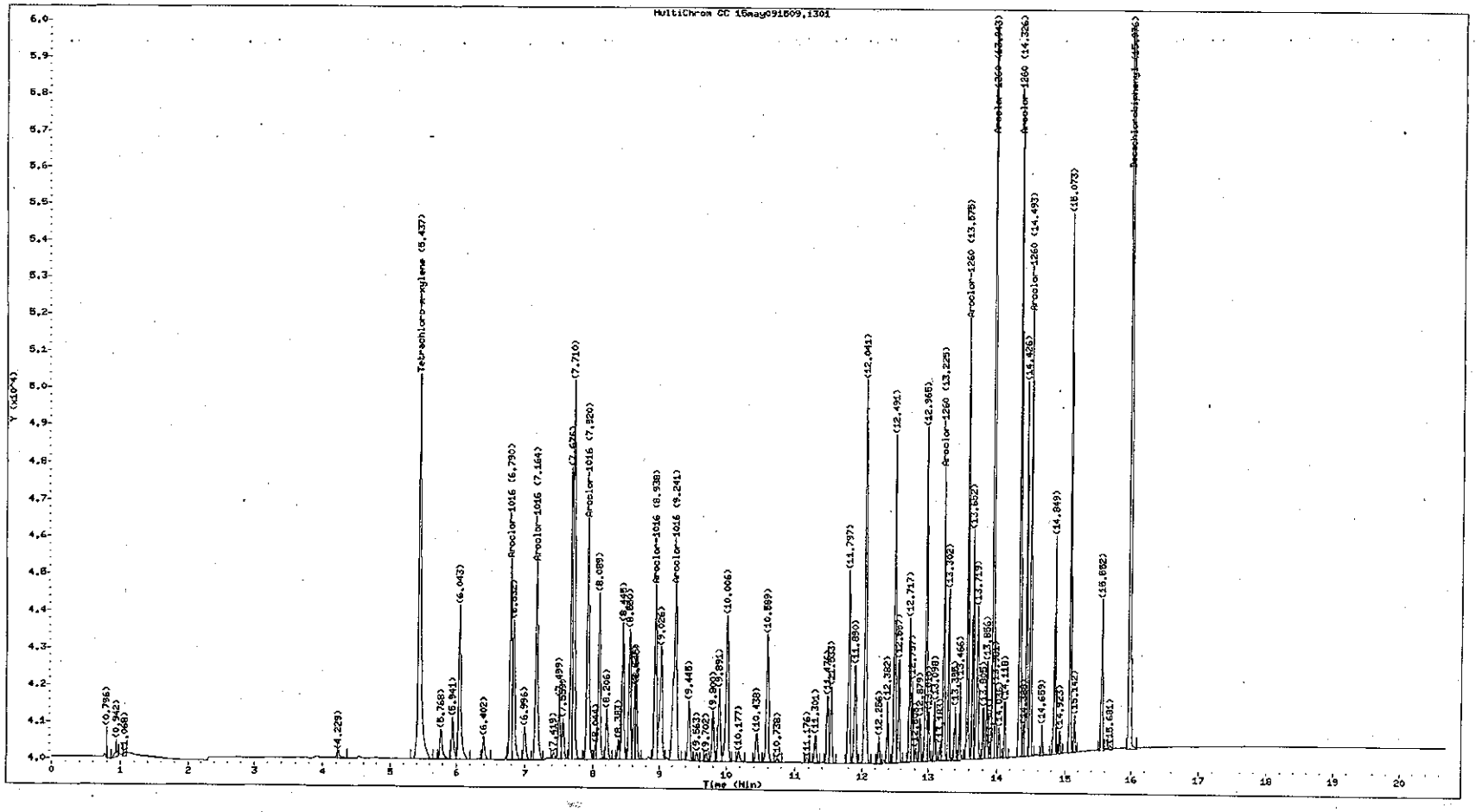
RT = 13.7500 Height = 87987
RT = 14.4106 Height = 250096
RT = 14.8605 Height = 63441
RT = 15.4834 Height = 20743
RT = 15.5854 Height = 53932

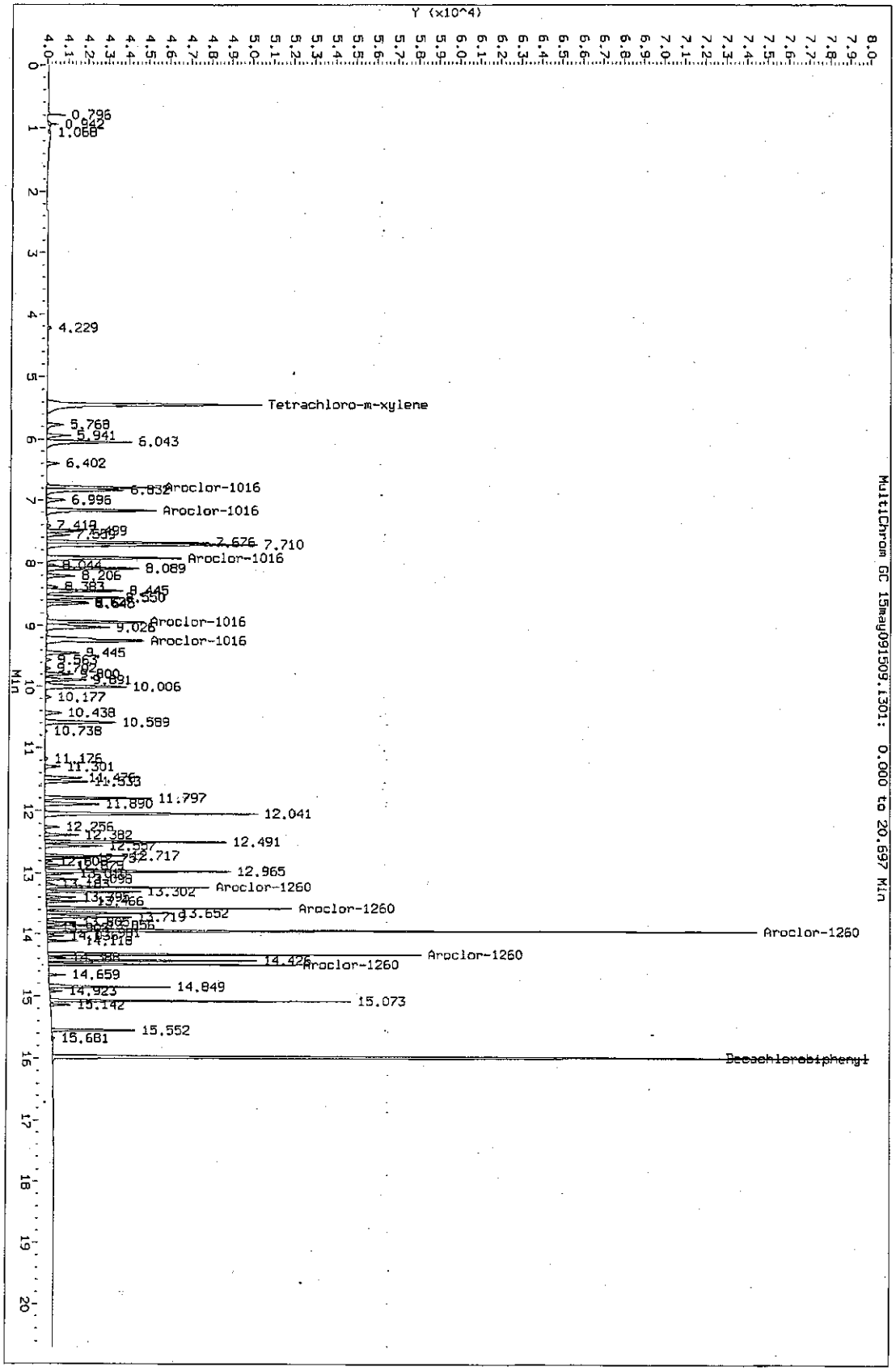
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G2	Client Sample ID: AR16603G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 02:44
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r301.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:37 jb		




Data File: /var/chem/5253_1.1/051509_1/15MAY091509.b/15may091509-r301.d/15may091509.i301
Injection Date: 16-MAY-2009 02:44
Instrument: 5253_1.1
Client Sample ID: AR1660362
MultiChrom GC 15may091509.i301: 0.000 to 20.697 Min
Y (x10^4)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G2 Client Sample ID: AR16603G2

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r301.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:37 jb

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 02:44
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.796			291	836			
	2	0.942			629	467			
	3	1.068			305	120			
	4	4.229			419	202			
$	5	5.437	5.442	-0.005	28505	10377	0.01938412		Tetrachloro-m-xylene
	6	5.768			2168	805			
	7	5.941			2531	1132			
	8	6.043			10309	4161			
	9	6.402			1363	624			
	10	6.790	6.794	-0.004	10758	5401	0.38872895		Aroclor-1016
	11	6.832			8923	3762			
	12	6.996			2243	890			
	13	7.164	7.169	-0.005	12504	5327	0.39356859		Aroclor-1016
	14	7.419			421	178			
	15	7.499			3419	1661			
	16	7.559			2334	1098			
	17	7.676			13876	7847			
	18	7.710			22000	10176			
	19	7.920	7.924	-0.004	15038	6500	0.39189678		Aroclor-1016
	20	8.044			605	417			
	21	8.089			9984	4476			
	22	8.206			2941	1348			
	23	8.383			1047	526			
	24	8.445			8220	3676			
	25	8.550			7721	3497			
	26	8.627			3388	1965			
	27	8.645			4072	2020			
	28	8.938	8.942	-0.005	10660	4714	0.38872740		Aroclor-1016
	29	9.026			8400	3037			
	30	9.241	9.244	-0.003	15208	4743	0.39012153		Aroclor-1016
	31	9.445			3581	1609			
	32	9.563			491	237			
	33	9.702			461	219			
	34	9.800			3063	1342			
	35	9.891			4446	1953			
	36	10.006			10947	3929			
	37	10.177			696	281			
	38	10.438			1850	770			
	39	10.589			8313	3433			
	40	10.738			233	100			
	41	11.176			330	145			
	42	11.301			1527	750			
	43	11.476			3604	1800			
	44	11.533			4042	2049			
	45	11.797			9354	5187			
	46	11.890			5474	2629			
	47	12.041			18434	10294			
	48	12.256			1261	715			
	49	12.382			2621	1645			
	50	12.491			13787	8769			
	51	12.557			4501	2761			
	52	12.717			5851	3875			
	53	12.757			3319	2179			
	54	12.808			580	359			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.879			1739	1169			
	56	12.965			14684	8944			
	57	13.010			1889	1326			
	58	13.098			2326	1587			
	59	13.183			614	443			
	60	13.225	13.230	-0.006	10919	7867	0.39476127		Aroclor-1260
	61	13.302			6554	4584			
	62	13.395			2065	1423			
	63	13.466			2960	2090			
	64	13.575	13.578	-0.004	15492	11832	0.39547437		Aroclor-1260
	65	13.652			8255	6140			
	66	13.719			7238	4094			
	67	13.805			1830	1369			
	68	13.856			3283	2591			
	69	13.903			417	364			
	70	13.943	13.949	-0.006	42107	34362	0.39391959		Aroclor-1260
	71	13.981			2290	1910			
	72	14.036			1069	797			
	73	14.118			1892	1498			
	74	14.326	14.332	-0.006	25910	17967	0.38950418		Aroclor-1260
	75	14.388			1007	841			
	76	14.426			12004	10051			
	77	14.493	14.494	-0.002	15675	11923	0.39052910		Aroclor-1260
	78	14.659			968	805			
	79	14.849			8051	5842			
	80	14.923			761	602			
	81	15.073			18369	14475			
	82	15.142			1359	971			
	83	15.552			5874	4045			
	84	15.681			320	130			
$	85	15.976	15.981	-0.005	74546	50073	0.04015799		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

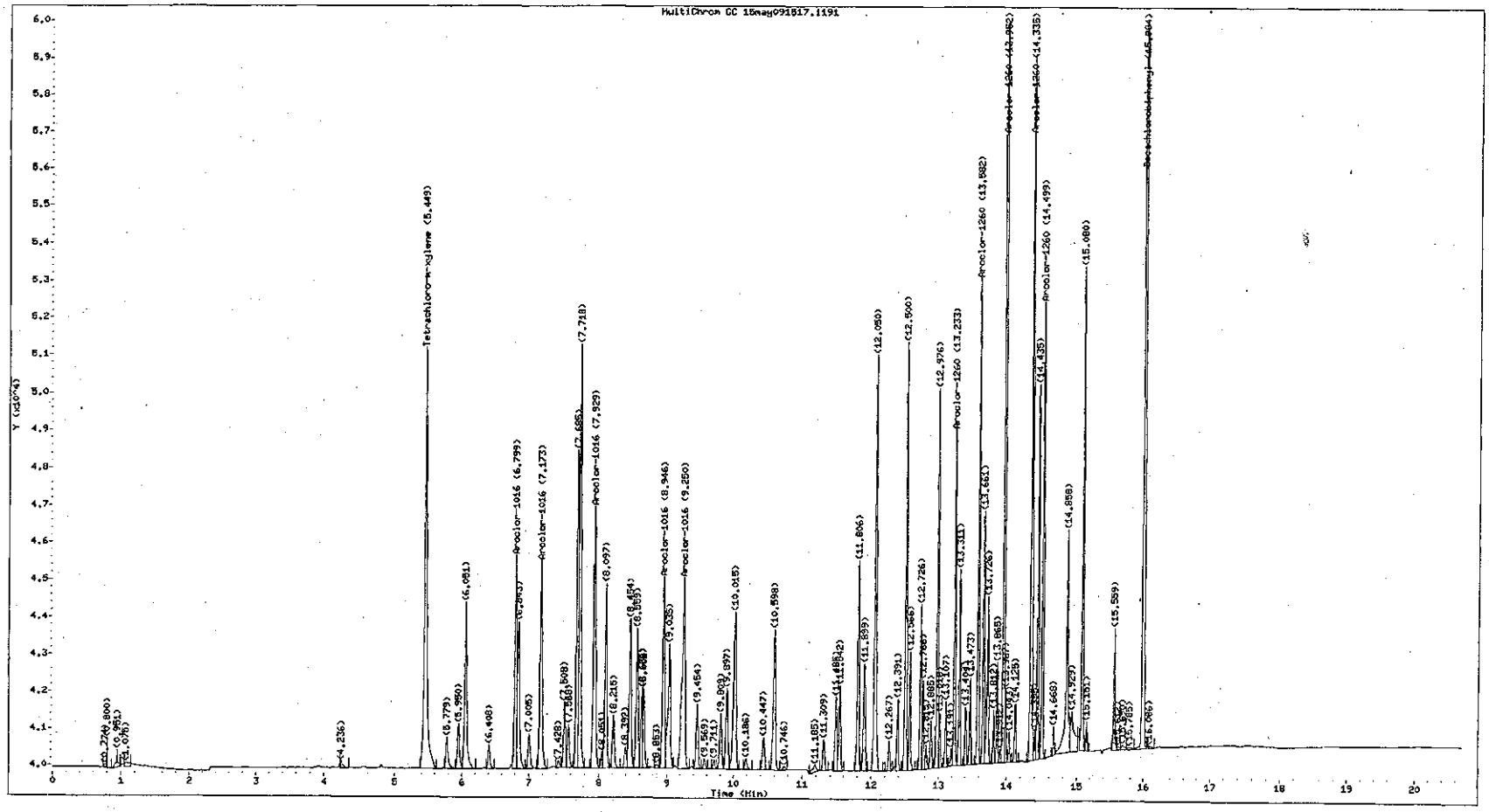
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.437	5.442	0.0200	Tetrachloro-m-xylene
6.790	6.794	0.4000	Aroclor-1016
13.225	13.230	0.4000	Aroclor-1260
15.976	15.981	0.0400	Decachlorobiphenyl

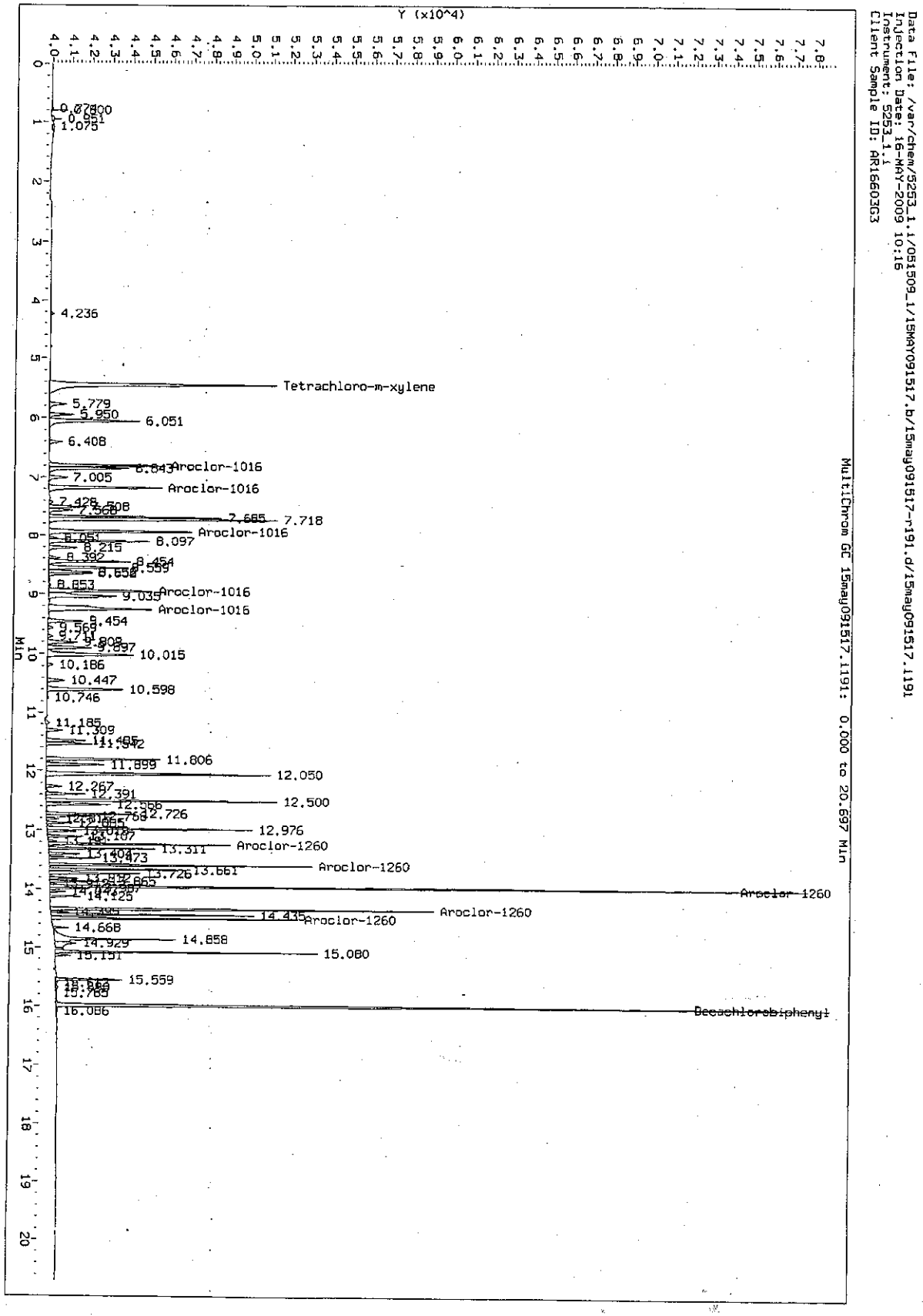
Reported: 05/18/2009 11:37 jb 15may091509-r301.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G3	Client Sample ID: AR16603G3

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 10:16
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091517-r191.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:23 dpd		




Data File: /var/chem/5253_1.i/051509_1/15MAY091517.b/15may091517-r191.d/15may091517.i191
Injection Date: 16-MAY-2009 10:16
Instrument: 5253_1.i
Client Sample ID: AR166023G3
MultiChrom GC 15may091517.i191: 0.000 to 20.697 Min
Y (x10^4)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G3 Client Sample ID: AR16603G3

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091517-r191.d
Method : /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:23 dpd

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 10:16
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.774			214	101			
	2	0.800			291	825			
	3	0.951			731	481			
	4	1.075			553	116			
	5	4.236			430	192			
$	6	5.449	5.442	0.006	28671	11263	0.02103916		Tetrachloro-m-xylene
	7	5.779			2095	841			
	8	5.950			2575	1212			
	9	6.051			10436	4460			
	10	6.408			1348	646			
	11	6.799	6.794	0.005	11447	5733	0.41262415		Aroclor-1016
	12	6.843			8741	3945			
	13	7.005			2308	936			
	14	7.173	7.169	0.004	12849	5588	0.41285175		Aroclor-1016
	15	7.428			470	205			
	16	7.508			3623	1787			
	17	7.568			2501	1181			
	18	7.685			14788	8523			
	19	7.718			23548	11346			
	20	7.929	7.924	0.005	15891	7044	0.42469553		Aroclor-1016
	21	8.051			662	450			
	22	8.097			10694	4965			
	23	8.215			3107	1429			
	24	8.392			1159	566			
	25	8.454			8723	4001			
	26	8.559			8268	3752			
	27	8.636			3995	2144			
	28	8.652			3950	2141			
	29	8.853			261	108			
	30	8.946	8.942	0.004	11338	5124	0.42253695		Aroclor-1016
	31	9.035			9191	3341			
	32	9.250	9.244	0.006	16234	5124	0.42145956		Aroclor-1016
	33	9.454			3894	1740			
	34	9.569			567	272			
	35	9.711			495	244			
	36	9.809			3349	1506			
	37	9.897			4890	2165			
	38	10.015			11668	4224			
	39	10.186			716	300			
	40	10.447			2071	873			
	41	10.598			9052	3773			
	42	10.746			286	106			
	43	11.185			715	195			
	44	11.309			1686	824			
	45	11.485			3954	1972			
	46	11.542			4471	2282			
	47	11.806			10190	5626			
	48	11.899			5923	2875			
	49	12.050			20034	11114			
	50	12.267			1420	803			
	51	12.391			3112	1931			
	52	12.500			17635	11446			
	53	12.566			5396	3177			
	54	12.726			6739	4418			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.766			3718	2412			
56	12.815			1039	643			
57	12.885			1943	1271			
58	12.976			15565	10146			
59	13.018			2135	1476			
60	13.107			2541	1763			
61	13.191			602	462			
62	13.233	13.230	0.003	12296	8985	0.45086183		Aroclor-1260
63	13.311			7275	5252			
64	13.404			2143	1555			
65	13.473			3085	2319			
66	13.582	13.578	0.003	16640	12991	0.43421295		Aroclor-1260
67	13.661			8819	6757			
68	13.726			7654	4456			
69	13.812			1856	1435			
70	13.865			3434	2683			
71	13.912			412	362			
72	13.952	13.949	0.002	45086	37524	0.43016817		Aroclor-1260
73	13.987			2414	1974			
74	14.043			1108	800			
75	14.125			1998	1546			
76	14.335	14.332	0.003	26800	18919	0.41014246		Aroclor-1260
77	14.395			962	828			
78	14.435			12020	10016			
79	14.499	14.494	0.005	15679	12198	0.39953653		Aroclor-1260
80	14.668			925	764			
81	14.858			12233	5958			
82	14.929			4106	1086			
83	15.080			16412	12930			
84	15.151			1002	764			
85	15.559			4732	3258			
86	15.612			237	78			
87	15.690			387	123			
88	15.785			289	55			
$ 89	15.984	15.981	0.003	56159	38272	0.03069372		Decachlorobiphenyl
90	16.086			207	54			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

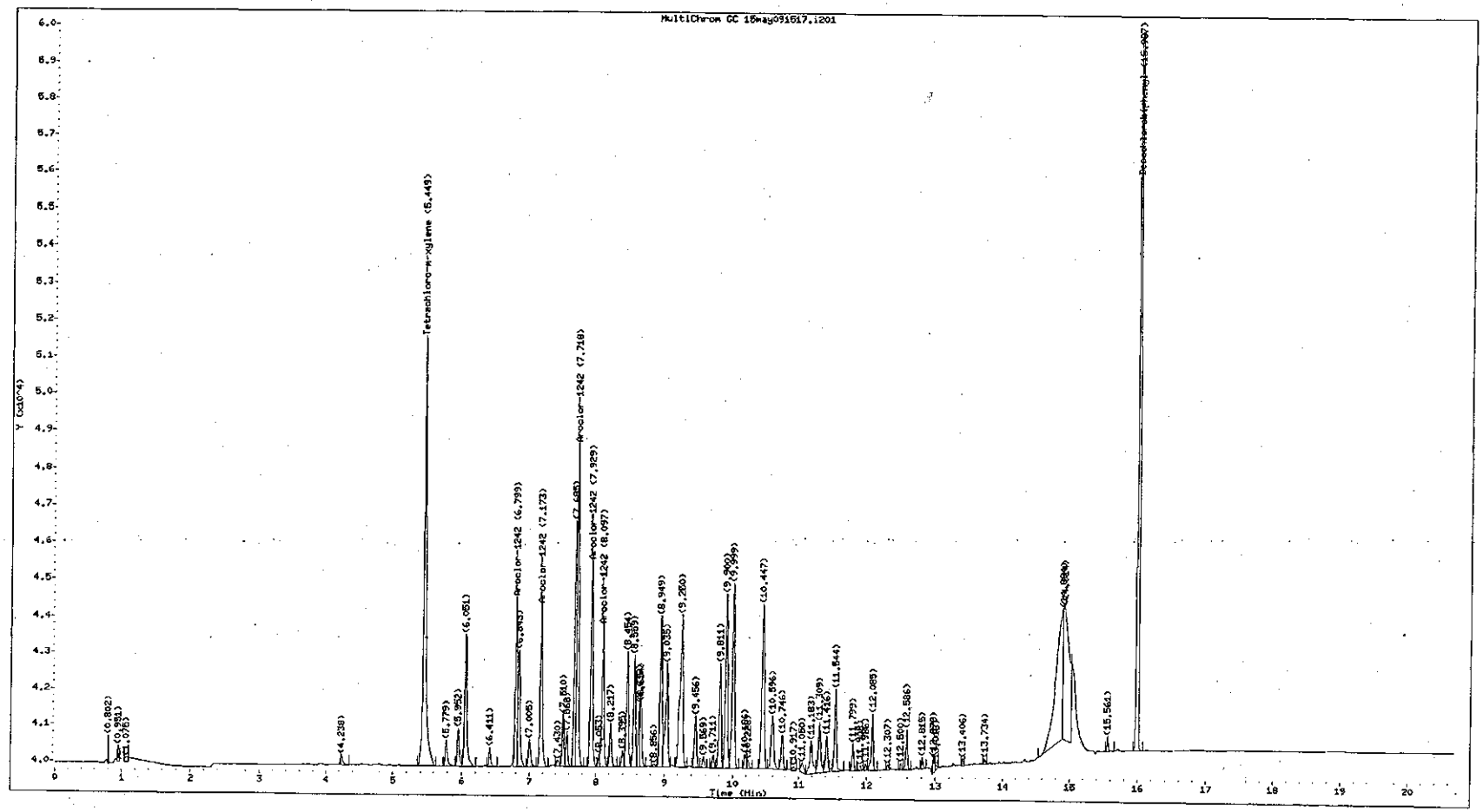
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.449	5.442	0.0200	Tetrachloro-m-xylene
6.799	6.794	0.4000	Aroclor-1016
13.233	13.230	0.4000	Aroclor-1260
15.984	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G2	Client Sample ID: AR12423G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 10:40
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091517-r201.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:23 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G2 Client Sample ID: AR12423G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 10:40
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091517-r201.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:23 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.802			281	798			
	2	0.951			370	444			
	3	1.075			443	136			
	4	4.238			590	277			
$	5	5.449	5.442	0.006	29201	11675	0.02180877		Tetrachloro-m-xylene
	6	5.779			1752	717			
	7	5.952			2197	1053			
	8	6.051			8605	3638			
	9	6.411			1113	532			
	10	6.799	6.794	0.004	9193	4662	0.39653394		Aroclor-1242
	11	6.843			7247	3230			
	12	7.005			1851	755			
	13	7.173	7.168	0.005	10365	4475	0.39952682		Aroclor-1242
	14	7.430			449	181			
	15	7.510			2900	1442			
	16	7.568			2028	957			
	17	7.685			11615	6708			
	18	7.718	7.714	0.004	18864	8775	0.41559118		Aroclor-1242
	19	7.929	7.926	0.003	12738	5632	0.41356268		Aroclor-1242
	20	8.053			497	347			
	21	8.097	8.095	0.002	8535	3918	0.41751918		Aroclor-1242
	22	8.217			2530	1180			
	23	8.395			908	456			
	24	8.454			6964	3177			
	25	8.559			6761	3073			
	26	8.638			2950	1723			
	27	8.654			3573	1778			
	28	8.856			207	81			
	29	8.949			9132	4150			
	30	9.035			7813	2845			
	31	9.250			13196	4193			
	32	9.456			3197	1423			
	33	9.569			624	301			
	34	9.711			730	352			
	35	9.811			6530	2886			
	36	9.900			10777	4765			
	37	9.999			12849	5054			
	38	10.186			888	400			
	39	10.228			459	229			
	40	10.447			12005	4500			
	41	10.596			4324	1467			
	42	10.746			2224	942			
	43	10.917			354	105			
	44	11.050			810	268			
	45	11.183			2950	900			
	46	11.309			3694	1382			
	47	11.416			2156	981			
	48	11.544			4875	2255			
	49	11.799			1398	747			
	50	11.908			264	135			
	51	11.986			327	193			
	52	12.085			3117	1563			
	53	12.307			241	158			
	54	12.500			292	184			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.586			1979	1116			
	56	12.815			508	320			
	57	12.979			634	431			
	58	13.018			216	124			
	59	13.406			332	219			
	60	13.734			251	159			
	61	14.894			25262	3557			
	62	14.914			22350	3633			
	63	15.561			608	405			
$	64	15.987	15.981	0.006	57587	38891	0.03119015		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

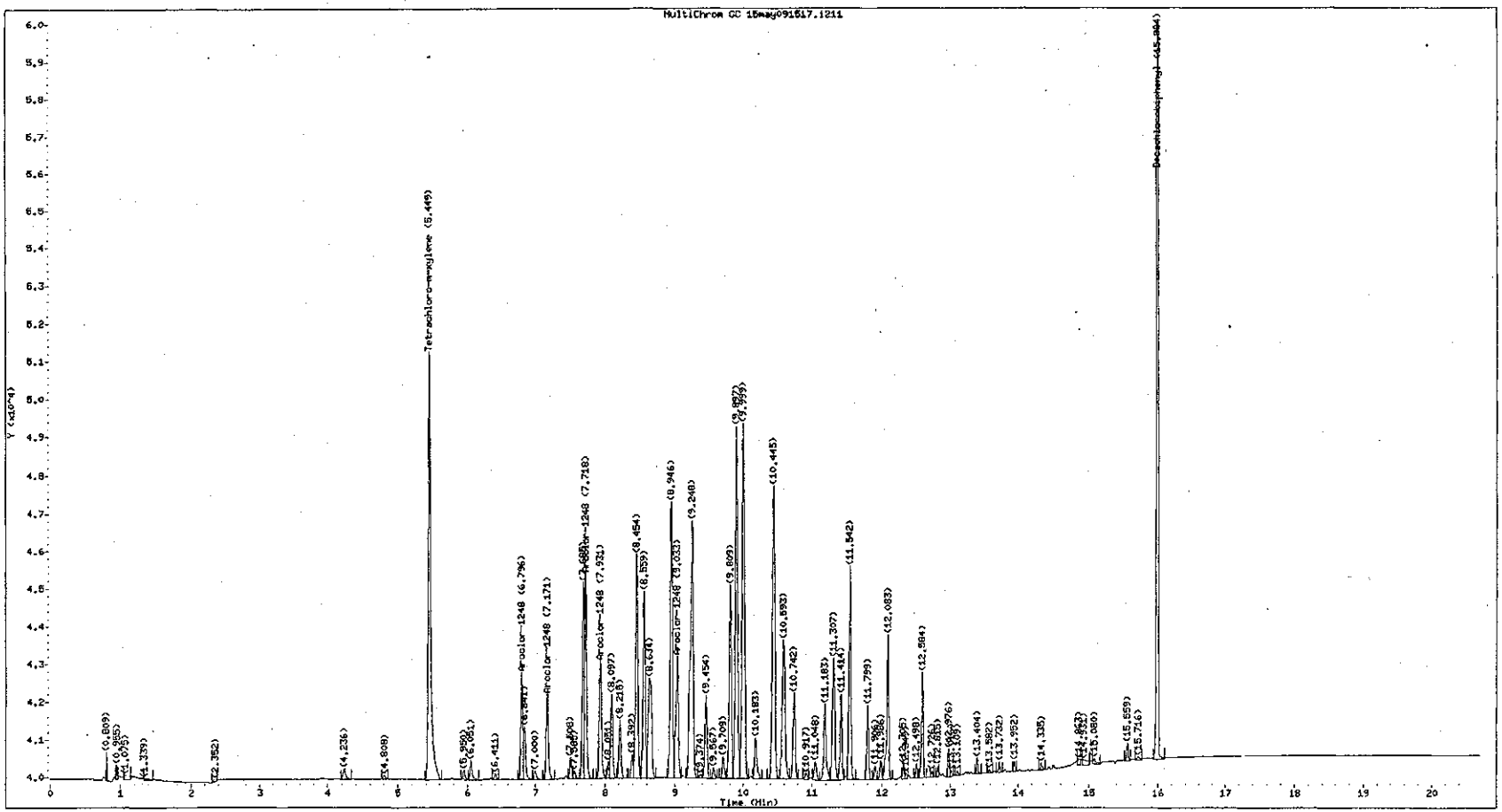
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.449	5.442	0.0200	Tetrachloro-m-xylene
6.799	6.794	0.4000	Aroclor-1242
15.987	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G2	Client Sample ID: AR12483G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 11:03
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091517-r211.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:23 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G2 Client Sample ID: AR12483G2

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091517-r211.d
Method : /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:23 dpd

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 11:03
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.809			261	753			
	2	0.955			296	389			
	3	1.075			550	115			
	4	1.339			206	41			
	5	2.352			229	60			
	6	4.236			774	287			
	7	4.808			230	111			
$	8	5.449	5.442	0.006	28460	11318	0.02114190		Tetrachloro-m-xylene
	9	5.950			538	255			
	10	6.051			1126	510			
	11	6.411			329	164			
	12	6.796	6.790	0.006	5685	2831	0.38563572		Aroclor-1248
	13	6.841			3056	1396			
	14	7.000			506	220			
	15	7.171	7.163	0.008	5182	2254	0.40015090		Aroclor-1248
	16	7.508			1145	573			
	17	7.565			446	206			
	18	7.685			9899	5204			
	19	7.718	7.710	0.008	11309	5427	0.40077171		Aroclor-1248
	20	7.931	7.922	0.010	7808	3110	0.39223105		Aroclor-1248
	21	8.051			771	451			
	22	8.097			4922	2231			
	23	8.215			3326	1536			
	24	8.392			1261	635			
	25	8.454			13131	5935			
	26	8.559			10830	4945			
	27	8.634			9591	2632			
	28	8.946			16298	7317			
	29	9.033	9.029	0.004	8808	3223	0.39748412		Aroclor-1248
	30	9.248			21457	6818			
	31	9.374			207	101			
	32	9.454			5022	2194			
	33	9.567			594	292			
	34	9.709			1188	575			
	35	9.809			11327	5107			
	36	9.897			20994	9307			
	37	9.999			25073	9384			
	38	10.183			2732	1080			
	39	10.445			20611	7760			
	40	10.593			11040	3676			
	41	10.742			5262	2264			
	42	10.917			381	161			
	43	11.048			1171	494			
	44	11.183			5191	2011			
	45	11.307			7808	3225			
	46	11.414			4588	2262			
	47	11.542			11166	5639			
	48	11.799			3636	1959			
	49	11.906			692	354			
	50	11.986			863	504			
	51	12.083			7754	3824			
	52	12.305			629	399			
	53	12.349			250	164			
	54	12.498			610	386			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.584			4749	2783			
	56	12.726			256	174			
	57	12.815			423	304			
	58	12.976			1077	750			
	59	13.016			256	166			
	60	13.109			232	134			
	61	13.404			651	428			
	62	13.582			222	110			
	63	13.732			455	287			
	64	13.952			339	271			
	65	14.335			293	198			
	66	14.863			354	166			
	67	14.931			697	138			
	68	15.080			398	144			
	69	15.559			783	471			
	70	15.716			306	96			
$	71	15.984	15.981	0.003	59621	40609	0.03256797		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

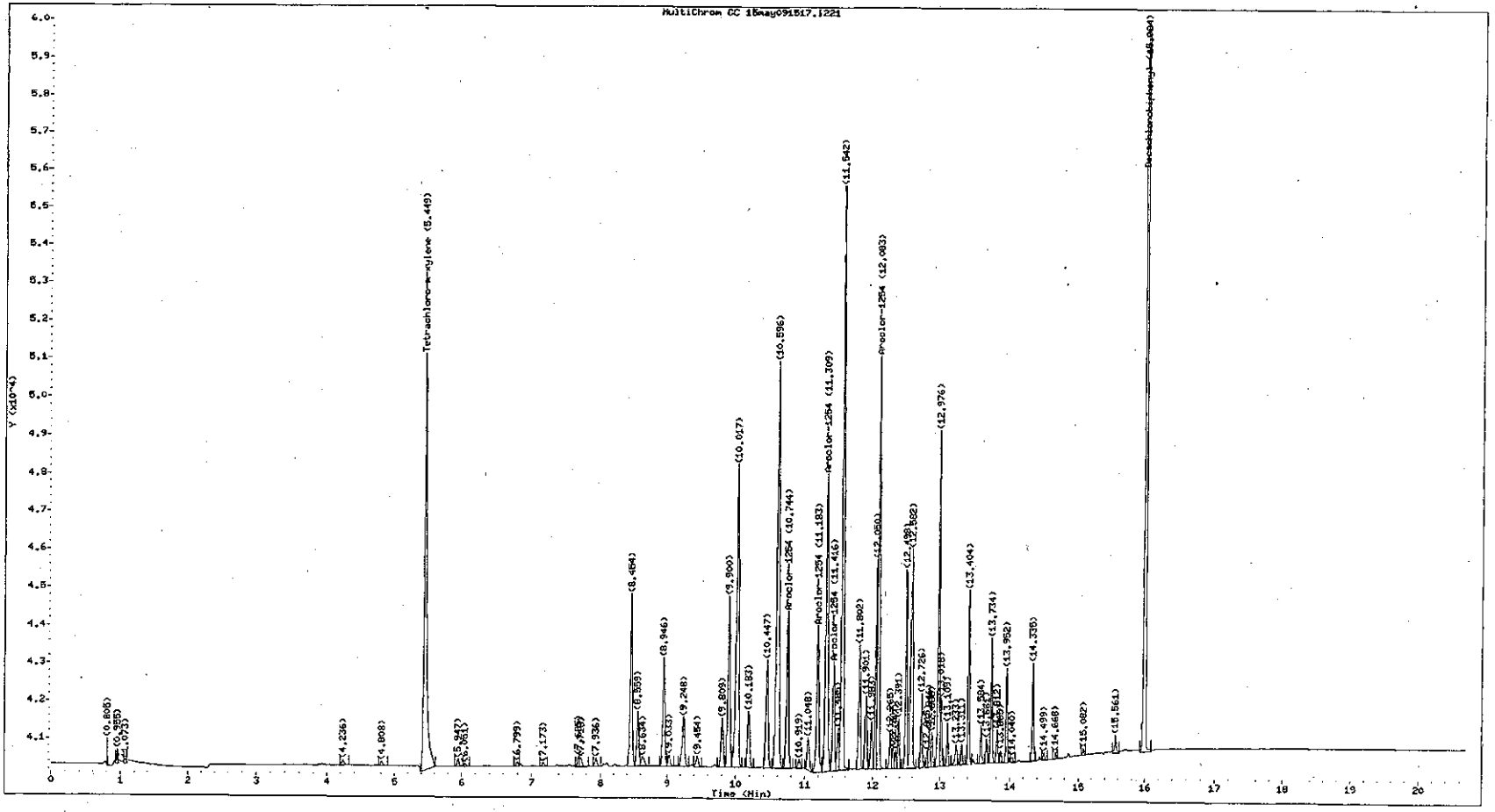
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.449	5.442	0.0200	Tetrachloro-m-xylene
6.796	6.790	0.4000	Aroclor-1248
15.984	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G2	Client Sample ID: AR12543G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 11:27
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091517-r221.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:23 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G2 Client Sample ID: AR12543G2

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091517-r221.d
Method : /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:23 dpd

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 11:27
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.805			249	706			
	2	0.955			332	376			
	3	1.073			251	112			
	4	4.236			417	157			
	5	4.808			326	133			
$	6	5.449	5.442	0.006	28608	10961	0.02047503		Tetrachloro-m-xylene
	7	5.947			483	204			
	8	6.051			218	84			
	9	6.799			274	129			
	10	7.173			253	111			
	11	7.685			483	269			
	12	7.718			498	233			
	13	7.936			550	219			
	14	8.454			10073	4549			
	15	8.559			3133	1445			
	16	8.634			840	259			
	17	8.946			6545	2868			
	18	9.033			751	307			
	19	9.248			3535	1310			
	20	9.454			719	276			
	21	9.809			2932	1292			
	22	9.900			10156	4501			
	23	10.017			20031	7979			
	24	10.183			3354	1483			
	25	10.447			6867	2844			
	26	10.596			27400	10668			
	27	10.744	10.740	0.004	9604	4139	0.42495412	M	Aroclor-1254
	28	10.919			523	232			
	29	11.048			2041	849			
	30	11.183	11.180	0.003	9204	3866	0.43679914	M	Aroclor-1254
	31	11.309	11.304	0.005	18026	7841	0.42785330	M	Aroclor-1254
	32	11.416	11.411	0.005	5978	2878	0.44202968	M	Aroclor-1254
	33	11.485			2177	1107			
	34	11.542			29703	15383			
	35	11.802			6263	3280			
	36	11.901			4158	1929			
	37	11.983			2311	1248			
	38	12.050			8603	5507			
	39	12.083	12.080	0.003	19559	10852	0.43579485	M	Aroclor-1254
	40	12.265			1678	915			
	41	12.307			930	555			
	42	12.347			779	487			
	43	12.391			2130	1317			
	44	12.498			8347	5222			
	45	12.582			12869	5753			
	46	12.726			2990	1950			
	47	12.815			600	443			
	48	12.846			1505	967			
	49	12.888			1350	904			
	50	12.976			13514	8836			
	51	13.018			2564	1787			
	52	13.109			1680	1126			
	53	13.233			971	529			
	54	13.311			788	532			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.404			6441	4562			
	56	13.584			1436	995			
	57	13.661			859	641			
	58	13.734			4773	3291			
	59	13.812			1131	856			
	60	13.865			408	315			
	61	13.952			3160	2481			
	62	14.040			295	135			
	63	14.335			3778	2582			
	64	14.499			271	187			
	65	14.668			218	186			
	66	15.082			259	186			
	67	15.561			874	480			
$	68	15.984	15.981	0.003	59333	39818	0.03193360		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

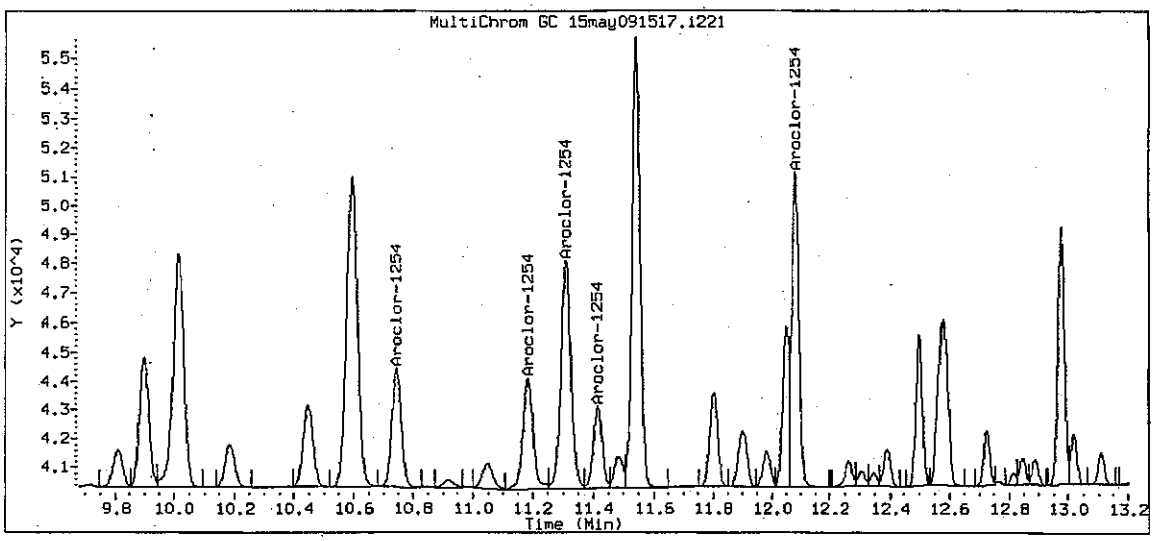
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.449	5.442	0.0200	Tetrachloro-m-xylene
10.744	10.740	0.4000	Aroclor-1254
15.984	15.981	0.0400	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 15may091517-r221.d
Client Sample ID: AR12543G2
Compound Name: Aroclor-1254

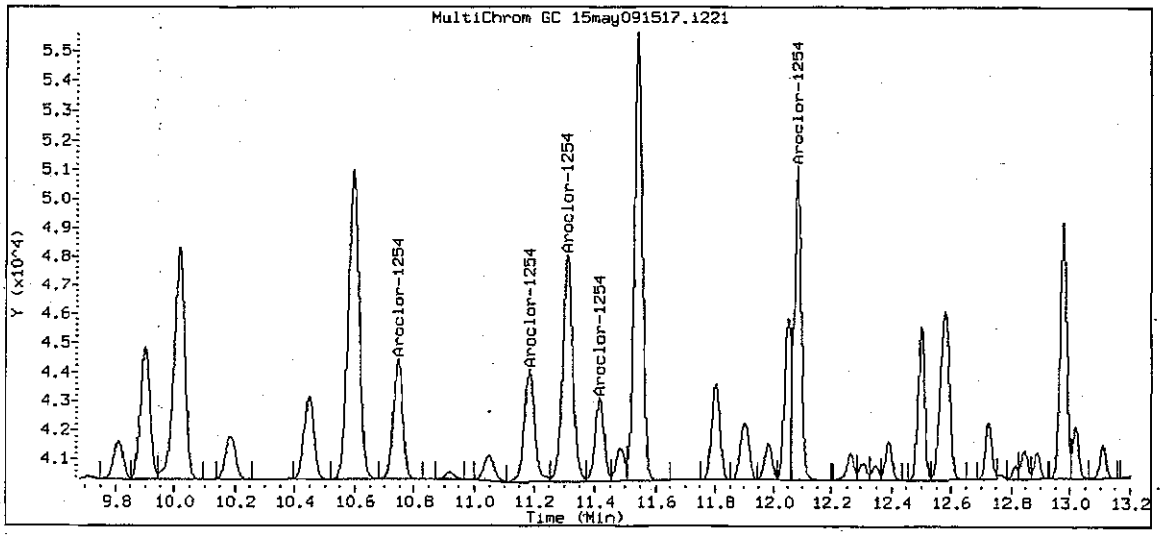
Inj. Date and Time: 16-MAY-2009 11:27
Instrument ID: 5253_1.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 11:23



Original Integration:

RT = 10.7442 Height = 4153
RT = 11.1831 Height = 3864
RT = 11.3094 Height = 7833
RT = 11.4158 Height = 2865
RT = 12.0831 Height = 10833



Final Integration:

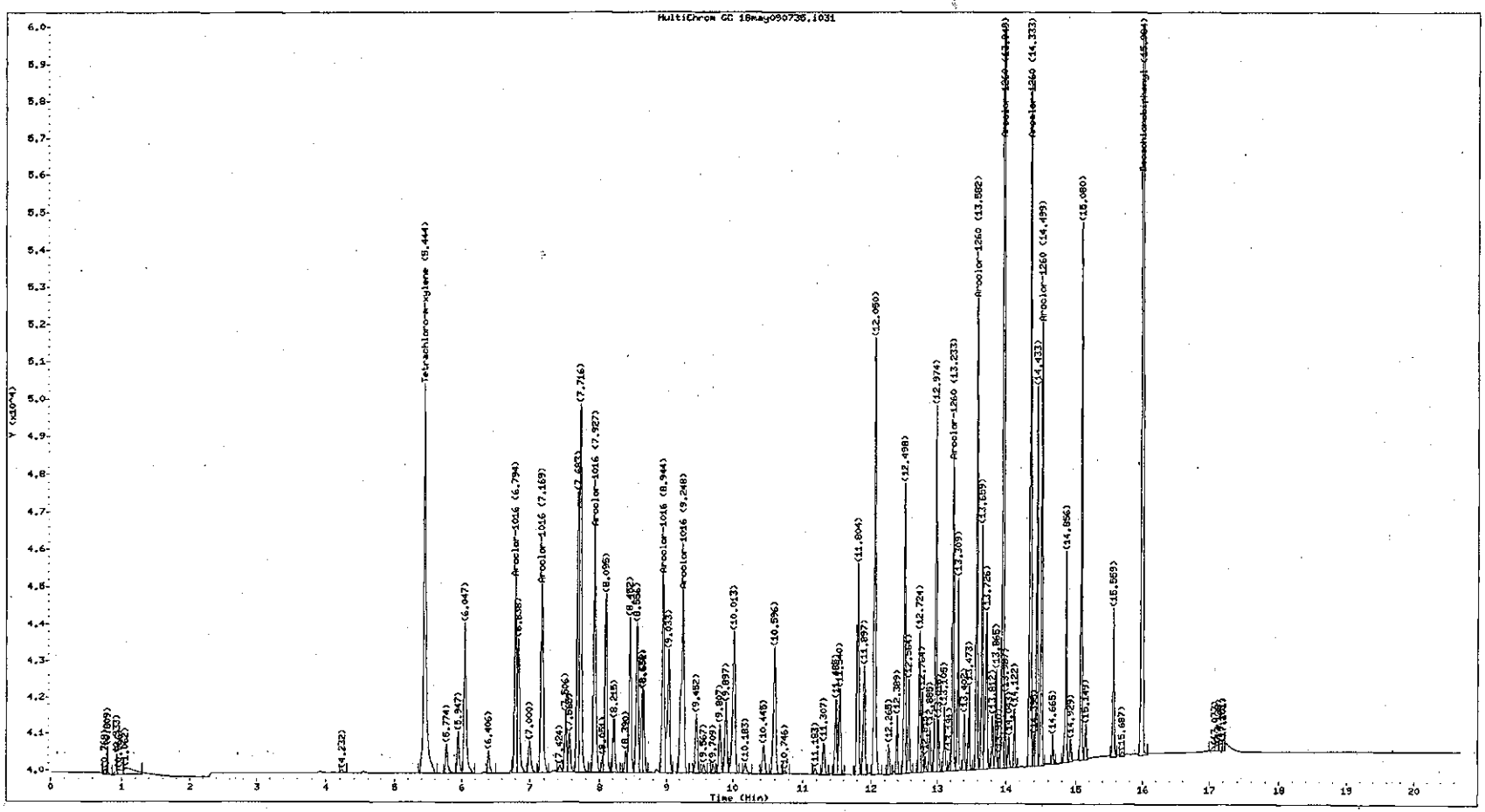
RT = 10.7442 Height = 4139
RT = 11.1831 Height = 3866
RT = 11.3094 Height = 7841
RT = 11.4158 Height = 2878
RT = 12.0831 Height = 10852

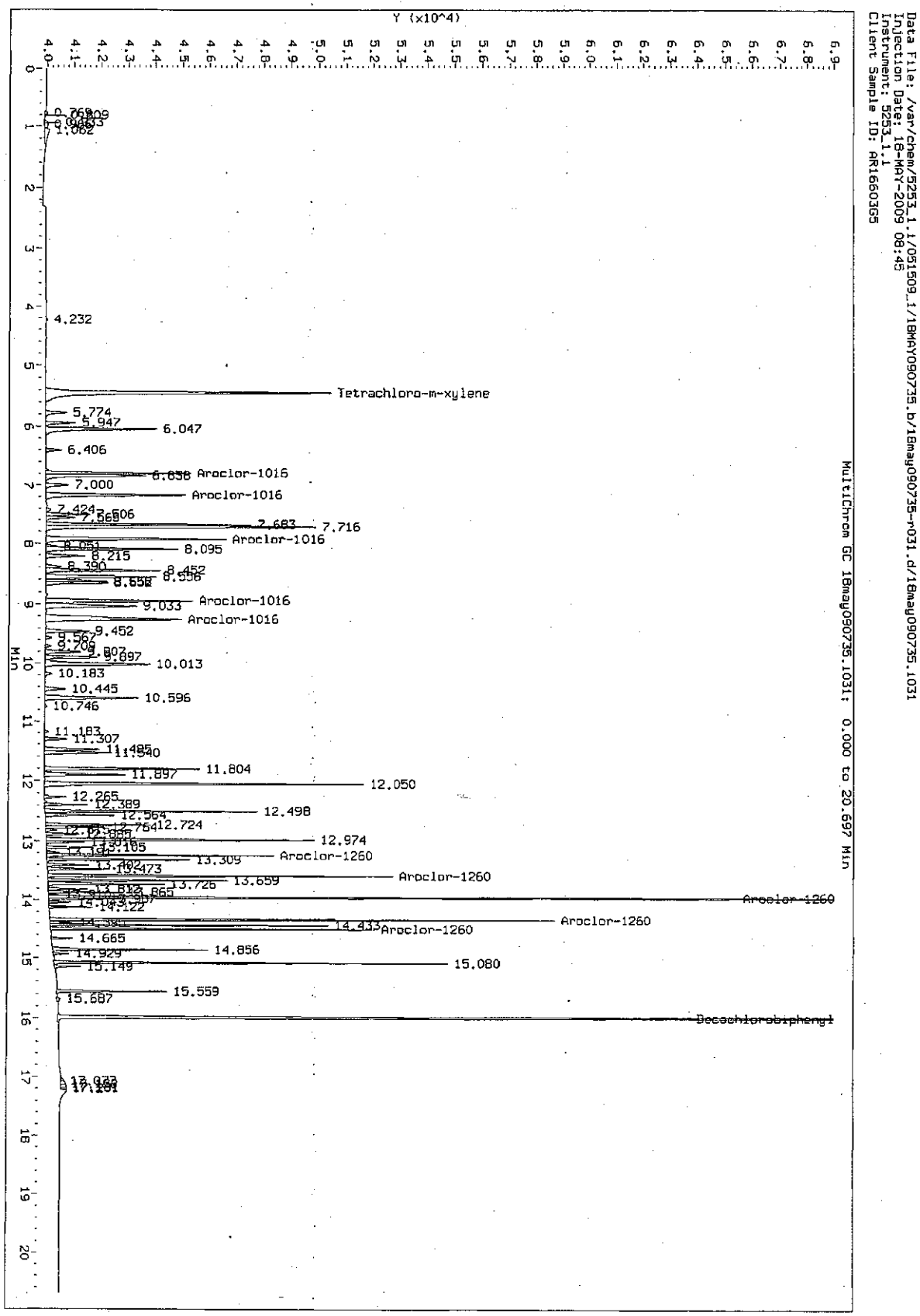
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G5	Client Sample ID: AR16603G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 08:45
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 18may090735-r031.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:30 dpd		




Data File: /var/chem/5253_1.1/051509_1/18MAY090735.b/18may090735-r031.d/18may090735.1031
Injection Date: 18-MAY-2009 08:45
Instrument: 5253_1.1
Client Sample ID: AR1660365
MultiChrom GC 18may090735.1031: 0.000 to 20.697 Min
Y (x10^4)
Min
4.232
Tetrachloro-m-xylene
5.774
5.947
6.047
6.406
Aroclor-1016
7.000
Aroclor-1016
7.424
7.716
Aroclor-1016
8.095
8.215
8.390
8.452
Aroclor-1016
9.033
Aroclor-1016
9.452
10.013
10.183
10.445
10.596
10.746
11.183
11.307
11.804
12.050
12.265
12.389
12.498
12.564
12.724
12.974
13.309
Aroclor-1260
13.473
13.659
Aroclor-1260
Aroclor-1260
14.433
Aroclor-1260
14.665
14.856
15.080
15.149
15.559
15.587
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G5 Client Sample ID: AR16603G5

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may090735-r031.d
Method : /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:30 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 08:45
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.769			277	123			
	2	0.809			375	739			
	3	0.933			474	558			
	4	0.966			594	136			
	5	1.062			1802	180			
	6	4.232			224	87			
$	7	5.444	5.442	0.002	26745	10475	0.01956719		Tetrachloro-m-xylene
	8	5.774			1929	784			
	9	5.947			2374	1125			
	10	6.047			9657	4095			
	11	6.406			1263	600			
	12	6.794	6.794	0.001	10422	5315	0.38253923		Aroclor-1016
	13	6.838			8339	3672			
	14	7.000			2108	855			
	15	7.169	7.169	-0.001	11824	5132	0.37916163		Aroclor-1016
	16	7.424			471	187			
	17	7.506			3300	1623			
	18	7.565			2280	1067			
	19	7.683			13374	7559			
	20	7.716			21163	9907			
	21	7.927	7.924	0.003	15050	6635	0.40003618		Aroclor-1016
	22	8.051			644	431			
	23	8.095			10601	4850			
	24	8.215			3170	1455			
	25	8.390			1181	584			
	26	8.452			9273	4224			
	27	8.556			8803	4063			
	28	8.636			3825	2247			
	29	8.652			4547	2276			
	30	8.944	8.942	0.002	11806	5386	0.44414208		Aroclor-1016
	31	9.033			9217	3353			
	32	9.248	9.244	0.004	15601	4978	0.40945076		Aroclor-1016
	33	9.452			3579	1606			
	34	9.567			498	240			
	35	9.709			463	223			
	36	9.807			2975	1325			
	37	9.897			4371	1911			
	38	10.013			10581	3853			
	39	10.183			660	270			
	40	10.445			1847	772			
	41	10.596			8354	3444			
	42	10.746			209	90			
	43	11.183			351	159			
	44	11.307			1723	844			
	45	11.485			4080	2031			
	46	11.540			4505	2336			
	47	11.804			10369	5696			
	48	11.897			6136	2967			
	49	12.050			21146	11721			
	50	12.265			1387	811			
	51	12.389			2506	1578			
	52	12.498			12261	7819			
	53	12.564			4142	2534			
	54	12.724			5729	3836			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.764			3360	2189			
	56	12.815			683	434			
	57	12.885			1844	1227			
	58	12.974			15636	9828			
	59	13.016			2066	1412			
	60	13.105			2521	1730			
	61	13.191			672	481			
	62	13.233	13.230	0.003	11891	8350	0.41899792		Aroclor-1260
	63	13.309			7192	5220			
	64	13.402			2222	1538			
	65	13.473			3139	2266			
	66	13.582	13.578	0.003	16425	12653	0.42291559		Aroclor-1260
	67	13.659			8701	6580			
	68	13.726			7604	4262			
	69	13.812			1918	1451			
	70	13.865			3483	2678			
	71	13.910			436	388			
	72	13.949	13.949	0.000	44997	36970	0.42381722		Aroclor-1260
	73	13.987			2430	2028			
	74	14.043			1163	841			
	75	14.122			2017	1599			
	76	14.333	14.332	0.001	26651	18529	0.40168770		Aroclor-1260
	77	14.395			1025	856			
	78	14.433			12118	10181			
	79	14.499	14.494	0.005	15650	11883	0.38921893		Aroclor-1260
	80	14.665			952	791			
	81	14.856			7822	5689			
	82	14.929			801	594			
	83	15.080			18009	14416			
	84	15.149			1394	969			
	85	15.559			5792	4052			
	86	15.687			371	135			
$	87	15.984	15.981	0.003	74237	50154	0.04022295		Decachlorobiphenyl
	88	17.077			306	117			
	89	17.128			474	174			
	90	17.181			573	197			
	91	17.201			457	223			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

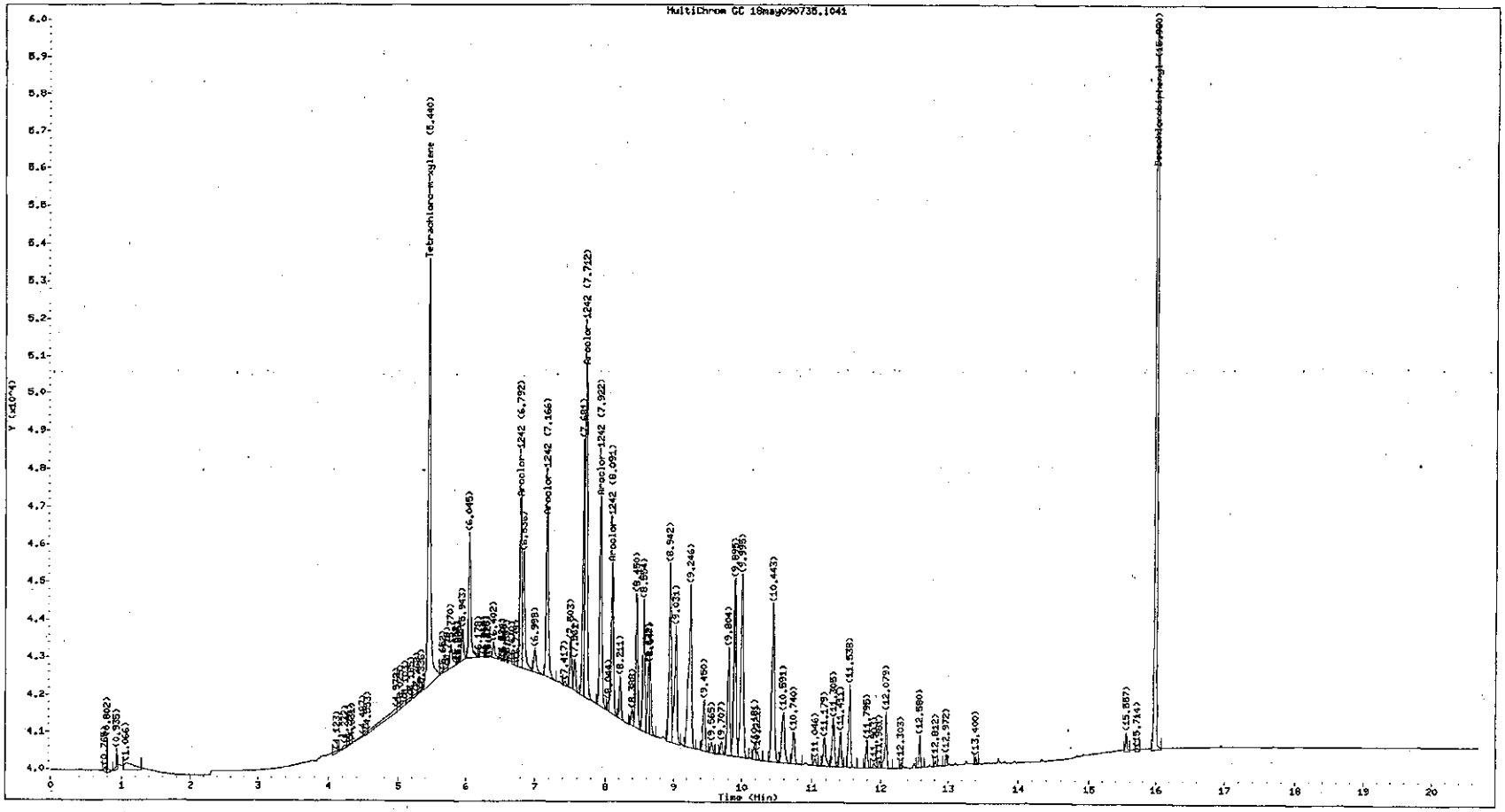
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
6.794	6.794	0.4000	Aroclor-1016
13.233	13.230	0.4000	Aroclor-1260
15.984	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G4	Client Sample ID: AR12423G4

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 09:09
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 18may090735-r041.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:30 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G4 Client Sample ID: AR12423G4

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 09:09
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 18may090735-r041.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:30 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.765			270	139			
	2	0.802			598	961			
	3	0.935			511	572			
	4	1.066			1973	192			
	5	4.123			262	63			
	6	4.232			364	90			
	7	4.291			79	27			
	8	4.331			58	21			
	9	4.487			267	42			
	10	4.553			240	71			
	11	4.972			1931	104			
	12	5.025			330	99			
	13	5.103			485	102			
	14	5.185			438	78			
	15	5.269			298	65			
	16	5.336			173	45			
$	17	5.440	5.442	-0.003	27565	11347	0.02119607	M	Tetrachloro-m-xylene
	18	5.652			142	51			
	19	5.719			282	82			
	20	5.770			1788	621			
	21	5.852			59	76			
	22	5.876			90	59			
	23	5.885			66	49			
	24	5.943			1759	857			
	25	6.045			7646	3346			
	26	6.178			42	34			
	27	6.269			33	31			
	28	6.295			24	22			
	29	6.320			76	37			
	30	6.402			1008	420			
	31	6.524			109	57			
	32	6.548			70	65			
	33	6.597			103	79			
	34	6.670			162	76			
	35	6.739			324	139			
	36	6.792	6.794	-0.003	8916	4513	0.38386051	M	Aroclor-1242
	37	6.836			7158	3092			
	38	6.998			1743	642			
	39	7.166	7.168	-0.002	9536	4293	0.38327791	M	Aroclor-1242
	40	7.417			237	109			
	41	7.503			2396	1271			
	42	7.561			1632	815			
	43	7.681			12502	6803			
	44	7.712	7.714	-0.003	18818	8831	0.41824339	M	Aroclor-1242
	45	7.922	7.926	-0.004	12320	5583	0.40996457	M	Aroclor-1242
	46	8.044			447	295			
	47	8.091	8.095	-0.005	8697	4012	0.42753623	M	Aroclor-1242
	48	8.211			2414	1143			
	49	8.388			872	441			
	50	8.450			7567	3575			
	51	8.554			7455	3511			
	52	8.632			3605	1871			
	53	8.647			3583	1899			
	54	8.942			10346	4760			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	9.031			8446	3134			
	56	9.246			13460	4337			
	57	9.450			3057	1389			
	58	9.565			618	290			
	59	9.707			680	342			
	60	9.804			6389	2890			
	61	9.895			10717	4728			
	62	9.995			12653	4877			
	63	10.181			802	372			
	64	10.221			446	210			
	65	10.443			11321	4215			
	66	10.591			3979	1354			
	67	10.740			1912	847			
	68	11.046			392	174			
	69	11.179			1852	756			
	70	11.305			3050	1299			
	71	11.411			1784	926			
	72	11.538			4444	2220			
	73	11.795			1349	737			
	74	11.903			279	136			
	75	11.981			337	193			
	76	12.079			3079	1516			
	77	12.303			211	141			
	78	12.580			1453	850			
	79	12.812			257	158			
	80	12.972			432	293			
	81	13.400			280	191			
	82	15.557			907	524			
	83	15.714			273	88			
$	84	15.980	15.981	-0.001	77105	52136	0.04181249		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.440	5.442	0.0200	Tetrachloro-m-xylene
6.792	6.794	0.4000	Aroclor-1242
15.980	15.981	0.0400	Decachlorobiphenyl

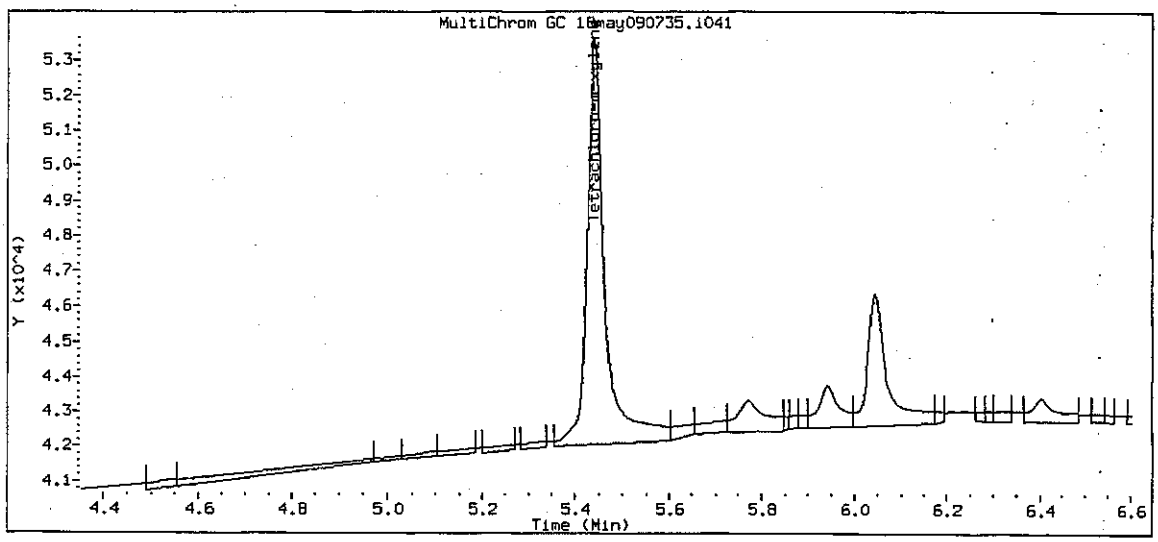
Reported: 05/21/2009 11:30 dpd 18may090735-r041.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 18may090735-r041.d
Client Sample ID: AR12423G4
Compound Name: Tetrachloro-m-xylene

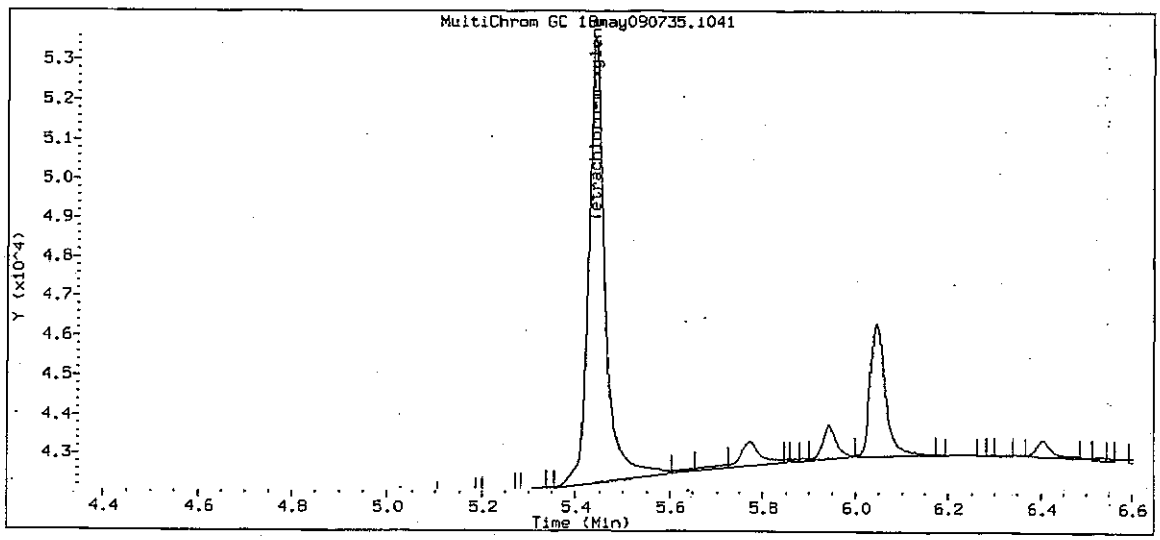
Inj. Date and Time: 18-MAY-2009 09:09
Instrument ID: 5253_1.i
CAS #: 877-09-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 11:31



Original Integration:

RT = 5.4397 Height = 11547



Final Integration:

RT = 5.4397 Height = 11347

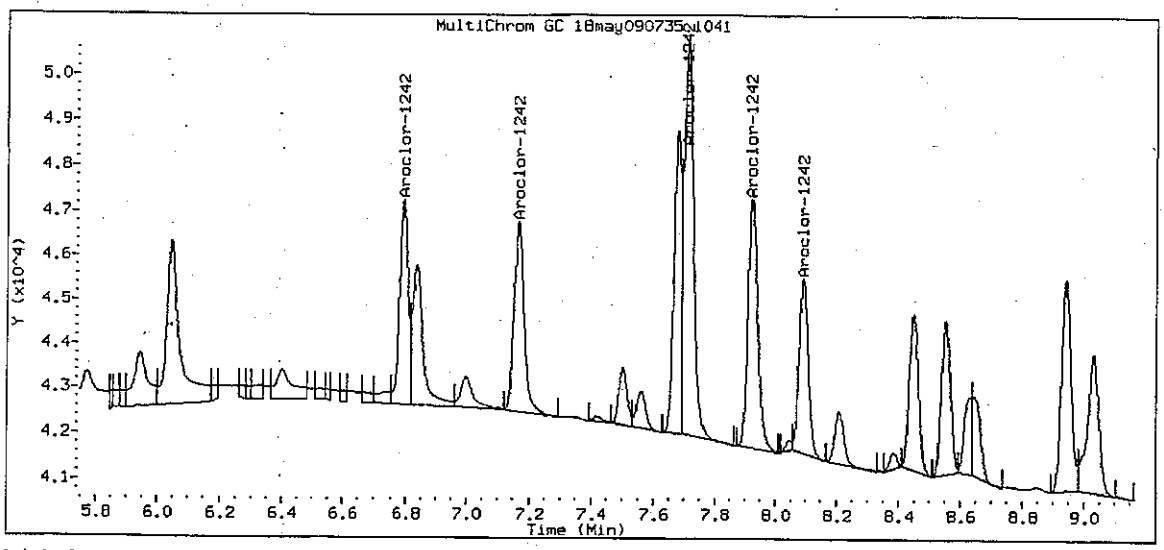
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may090735-r041.d
Client Sample ID: AR12423G4
Compound Name: Aroclor-1242

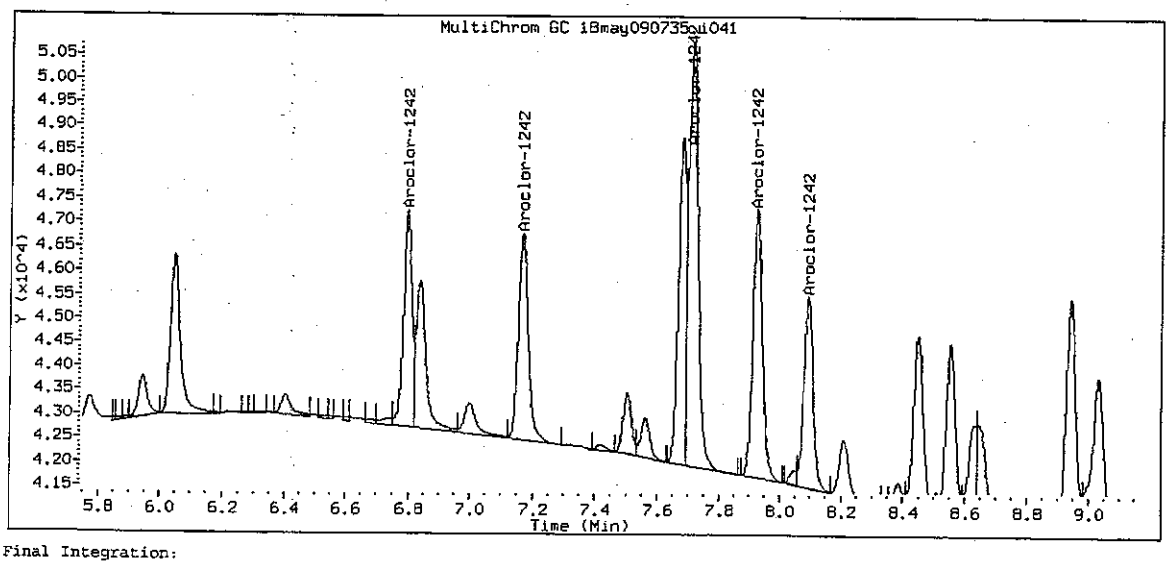
Inj. Date and Time: 18-MAY-2009 09:09
Instrument ID: 5253_1.i
CAS #: 53469-21-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 11:31



Original Integration:

RT = 6.7919 Height = 4617
RT = 7.1665 Height = 4293
RT = 7.7118 Height = 8773
RT = 7.9224 Height = 5583
RT = 8.0908 Height = 3925



Final Integration:

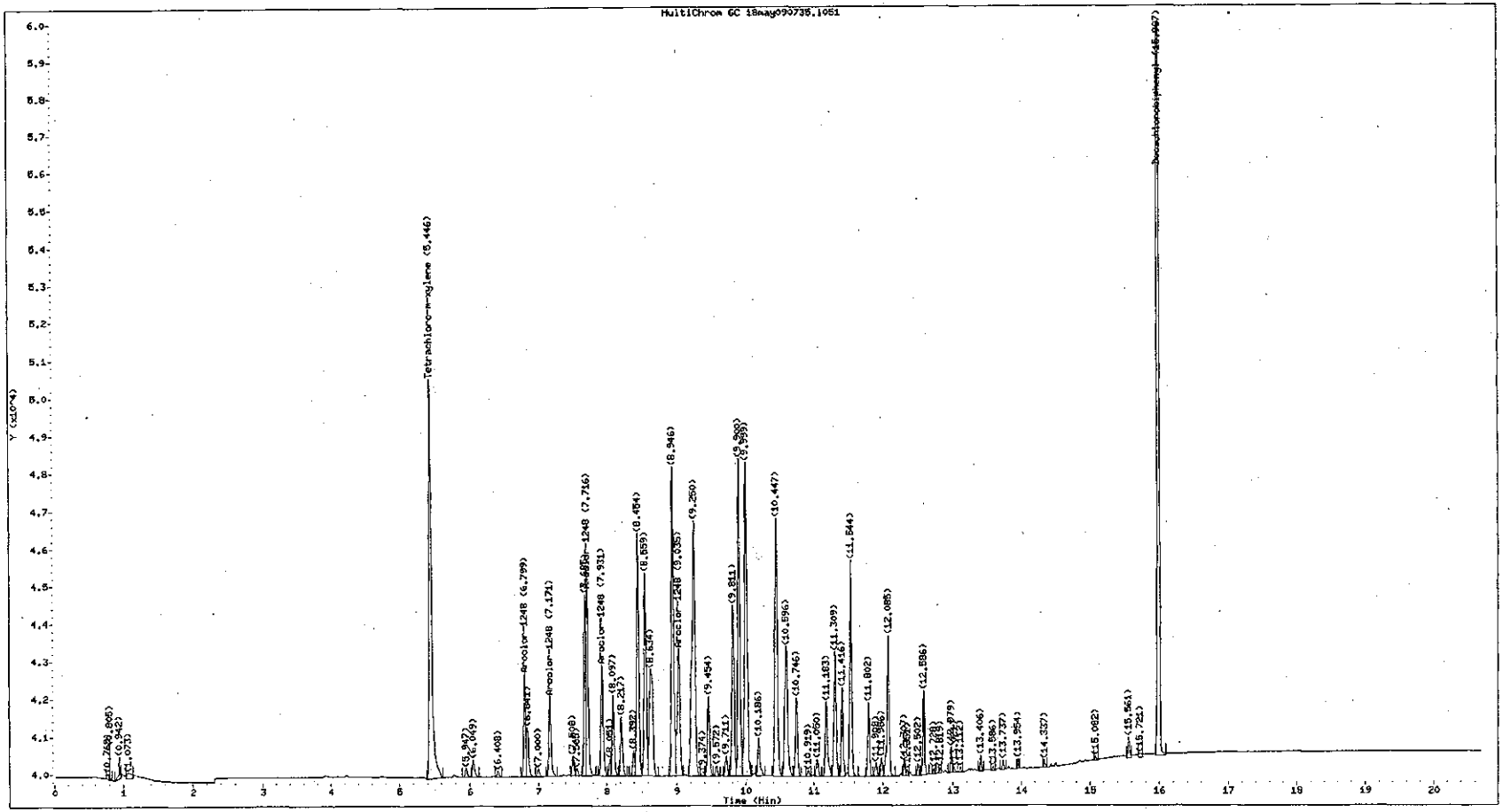
RT = 6.7919 Height = 4513
RT = 7.1665 Height = 4293
RT = 7.7118 Height = 8831
RT = 7.9224 Height = 5583
RT = 8.0908 Height = 4012

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G4	Client Sample ID: AR12483G4

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 09:33
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 18may090735-r051.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:31 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G4 Client Sample ID: AR12483G4

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may090735-r051.d
Method : /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:31 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 09:33
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.769			269	139			
	2	0.805			343	909			
	3	0.942			546	587			
	4	1.073			751	148			
$	5	5.446	5.442	0.004	27509	10636	0.01986793		Tetrachloro-m-xylene
	6	5.947			536	244			
	7	6.049			1077	473			
	8	6.408			335	162			
	9	6.799	6.790	0.008	5494	2736	0.37269492		Aroclor-1248
	10	6.841			2930	1309			
	11	7.000			509	214			
	12	7.171	7.163	0.008	4916	2129	0.37795975		Aroclor-1248
	13	7.508			1092	528			
	14	7.565			442	192			
	15	7.685			9030	4817			
	16	7.716	7.710	0.006	10649	4948	0.36539864		Aroclor-1248
	17	7.931	7.922	0.010	7512	2957	0.37293480		Aroclor-1248
	18	8.051			758	442			
	19	8.097			4855	2145			
	20	8.217			3428	1559			
	21	8.392			1310	673			
	22	8.454			14038	6447			
	23	8.559			11685	5387			
	24	8.634			10351	2825			
	25	8.946			17790	8201			
	26	9.035	9.029	0.006	9012	3386	0.41758648		Aroclor-1248
	27	9.250			21306	6780			
	28	9.374			224	107			
	29	9.454			4848	2107			
	30	9.572			557	264			
	31	9.711			1158	530			
	32	9.811			10369	4528			
	33	9.900			18937	8418			
	34	9.999			22788	8327			
	35	10.186			2566	1005			
	36	10.447			18462	6833			
	37	10.596			10424	3445			
	38	10.746			4898	2075			
	39	10.919			338	151			
	40	11.050			1050	461			
	41	11.183			4924	1973			
	42	11.309			7885	3308			
	43	11.416			4691	2346			
	44	11.544			11478	5742			
	45	11.802			3657	1945			
	46	11.908			715	351			
	47	11.986			856	493			
	48	12.085			7704	3730			
	49	12.307			589	383			
	50	12.351			241	159			
	51	12.502			484	305			
	52	12.586			3890	2230			
	53	12.728			206	147			
	54	12.819			210	146			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.979			1064	676			
	56	13.021			243	145			
	57	13.112			233	133			
	58	13.406			629	414			
	59	13.586			205	103			
	60	13.737			413	262			
	61	13.954			304	259			
	62	14.337			289	199			
	63	15.082			219	125			
	64	15.561			1015	565			
	65	15.721			327	104			
$	66	15.987	15.981	0.006	75339	51351	0.04118293		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

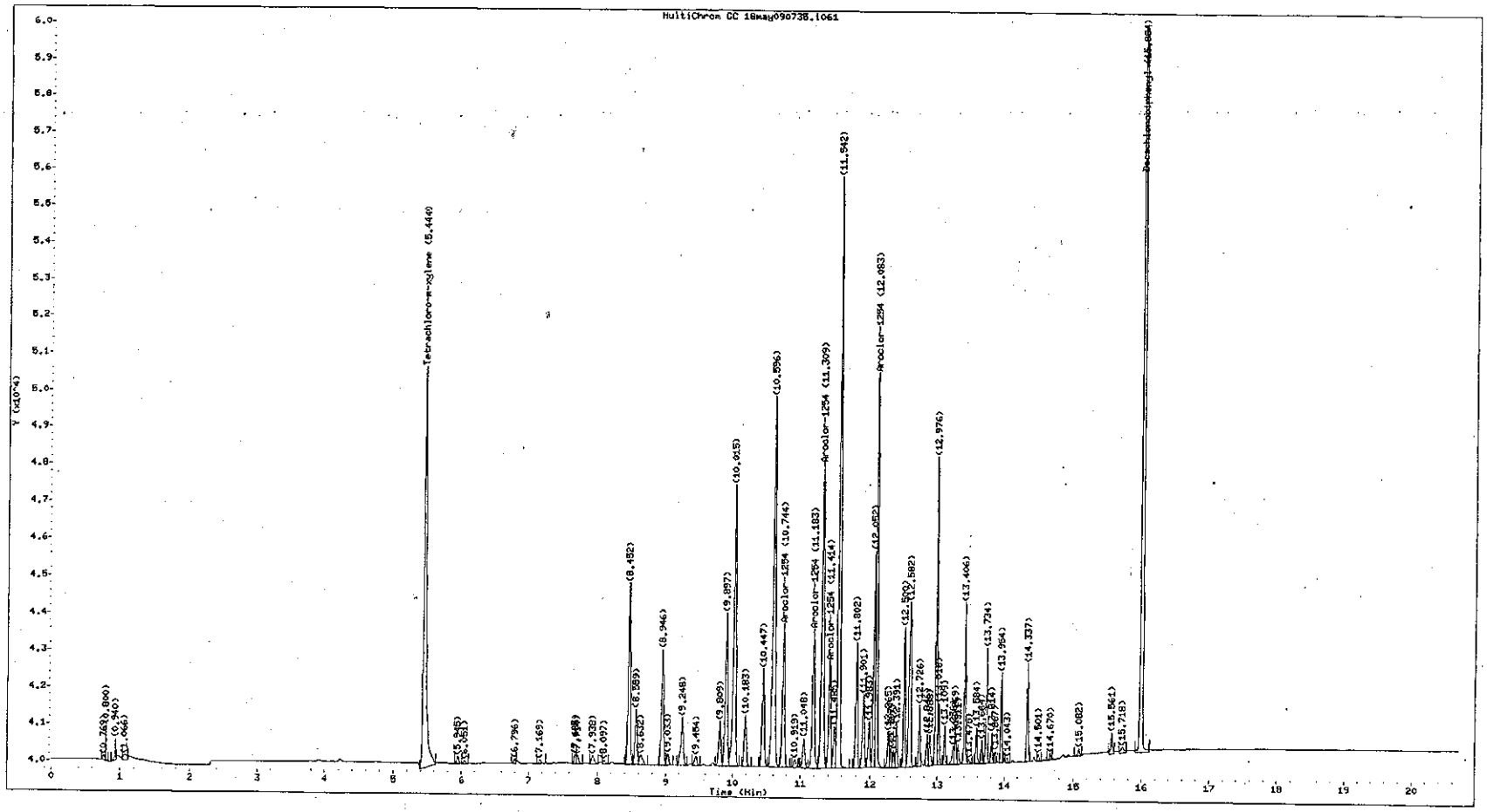
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.446	5.442	0.0200	Tetrachloro-m-xylene
6.799	6.790	0.4000	Aroclor-1248
15.987	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G4	Client Sample ID: AR12543G4

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 09:57
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 18may090735-r061.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:31 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G4 Client Sample ID: AR12543G4

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may090735-r061.d
Method : /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:31 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 09:57
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.769			259	142			
	2	0.800			336	959			
	3	0.940			457	580			
	4	1.066			540	139			
$	5	5.444	5.442	0.002	28179	10814	0.02020044		Tetrachloro-m-xylene
	6	5.945			487	202			
	7	6.051			224	86			
	8	6.796			251	124			
	9	7.169			264	110			
	10	7.685			468	248			
	11	7.714			466	218			
	12	7.938			617	222			
	13	8.097			230	94			
	14	8.452			10539	4868			
	15	8.559			3235	1501			
	16	8.632			863	260			
	17	8.946			6957	3118			
	18	9.033			715	312			
	19	9.248			3446	1296			
	20	9.454			673	260			
	21	9.809			2762	1200			
	22	9.897			9329	4124			
	23	10.015			19015	7537			
	24	10.183			3177	1380			
	25	10.447			6299	2614			
	26	10.596			25861	9935			
	27	10.744	10.740	0.004	8955	3856	0.39589830		Aroclor-1254
	28	10.919			536	227			
	29	11.048			1861	808			
	30	11.183	11.180	0.003	8723	3755	0.42425783		Aroclor-1254
	31	11.309	11.304	0.005	18241	8172	0.44591470		Aroclor-1254
	32	11.414	11.411	0.003	5979	2891	0.44402634		Aroclor-1254
	33	11.485			2146	1135			
	34	11.542			30742	15906			
	35	11.802			6386	3377			
	36	11.901			4224	1965			
	37	11.983			2278	1234			
	38	12.052			9137	5793			
	39	12.083	12.080	0.003	18877	10591	0.42531361		Aroclor-1254
	40	12.265			1768	960			
	41	12.307			861	523			
	42	12.347			770	471			
	43	12.391			1842	1146			
	44	12.500			6089	3776			
	45	12.582			10115	4436			
	46	12.726			2540	1652			
	47	12.846			1317	852			
	48	12.888			1199	815			
	49	12.976			12902	8243			
	50	13.018			2344	1641			
	51	13.109			1513	1030			
	52	13.236			855	493			
	53	13.269			1317	871			
	54	13.311			886	554			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	13.406			6167	4321			
56	13.475			222	126			
57	13.584			1394	960			
58	13.664			833	621			
59	13.734			4461	3081			
60	13.814			1054	794			
61	13.867			378	299			
62	13.954			3085	2391			
63	14.043			212	125			
64	14.337			3774	2620			
65	14.501			262	188			
66	14.670			220	181			
67	15.082			396	210			
68	15.561			1008	558			
69	15.718			575	164			
$ 70	15.984	15.981	0.003	75722	50938	0.04085171		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

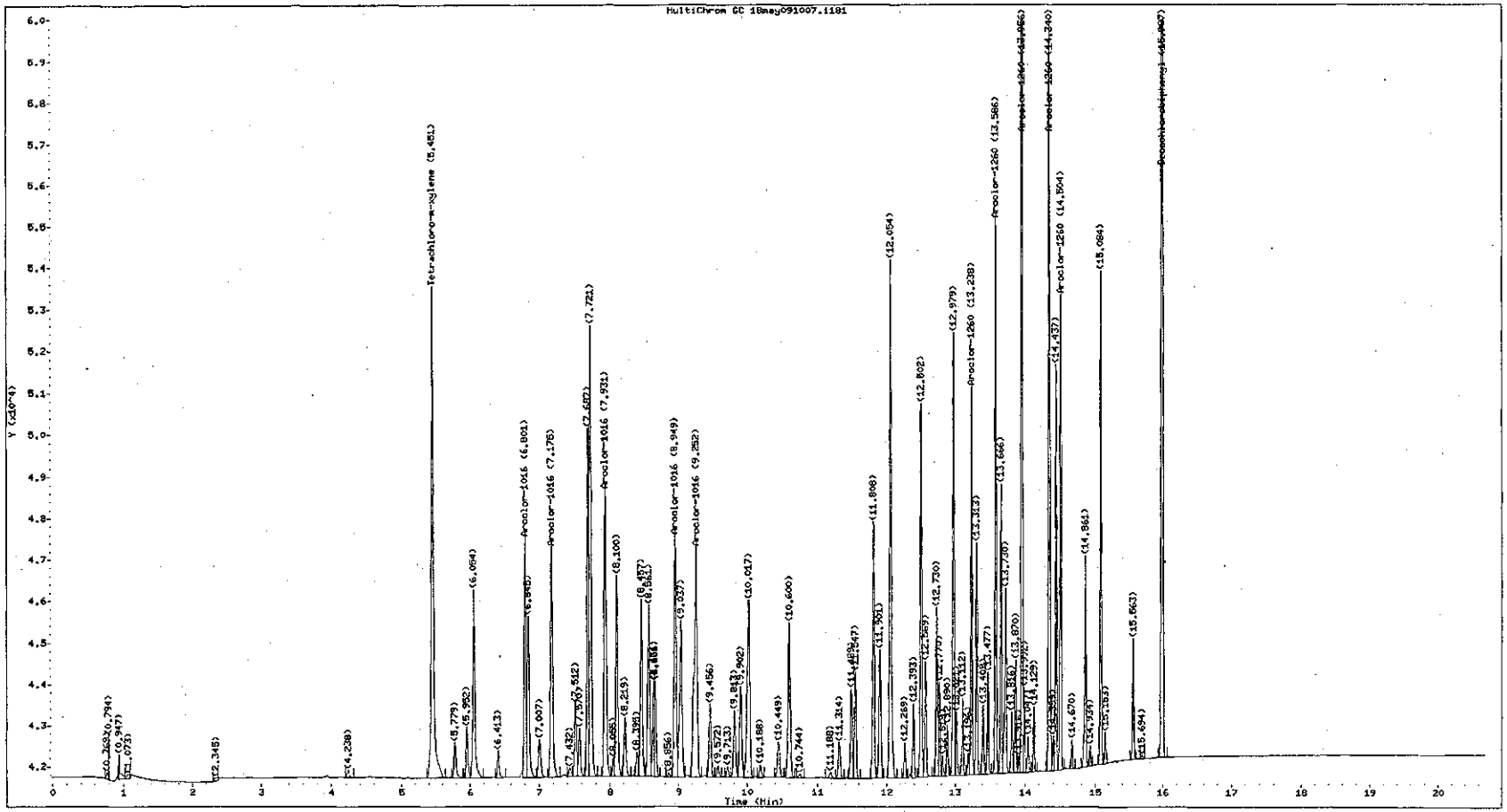
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
10.744	10.740	0.4000	Aroclor-1254
15.984	15.981	0.0400	Decachlorobiphenyl

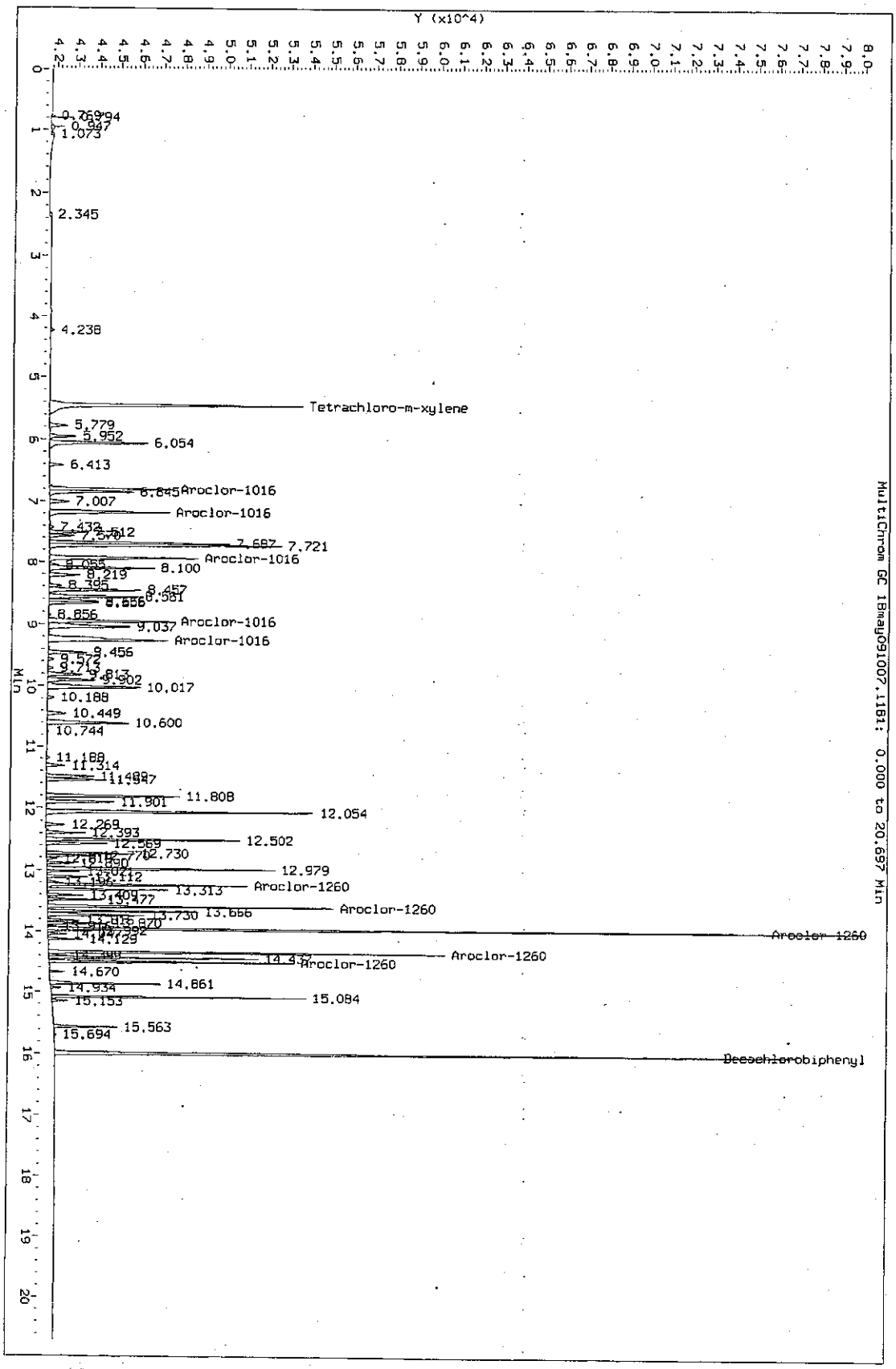
Reported: 05/21/2009 11:31 dpd 18may090735-r061.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G6	Client Sample ID: AR16603G6

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 17:05
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 18may091007-r181.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:38 dpd		




Data File: /var/chem/5253_1.i/051509_1/18MAY091007.b/18may091007-r181.d/18may091007.i181
Injection Date: 18-MAY-2009 17:05
Instrument: 5253_1.i
Client Sample ID: AR166603G6
MultiChrom GC 18may091007.i181: 0.000 to 20.657 Min
Y (x10^4)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G6 Client Sample ID: AR16603G6

Matrix : WATER
Analyst : DPD
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may091007-r181.d
Method : /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:38 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 17:05
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.769			250	155			
	2	0.794			377	1065			
	3	0.947			797	599			
	4	1.073			358	122			
	5	2.345			325	83			
	6	4.238			415	177			
$	7	5.451	5.442	0.008	26839	11806	0.02205348		Tetrachloro-m-xylene
	8	5.779			1927	849			
	9	5.952			2408	1237			
	10	6.054			9731	4549			
	11	6.413			1291	654			
	12	6.801	6.794	0.007	10985	5796	0.41715849		Aroclor-1016
	13	6.845			8176	3893			
	14	7.007			2154	916			
	15	7.175	7.169	0.006	12150	5567	0.41130023		Aroclor-1016
	16	7.432			513	206			
	17	7.512			3447	1779			
	18	7.570			2346	1170			
	19	7.687			15078	8388			
	20	7.721			21309	10838			
	21	7.931	7.924	0.008	15009	6917	0.41703847		Aroclor-1016
	22	8.055			678	439			
	23	8.100			10155	4857			
	24	8.219			2994	1416			
	25	8.395			1162	588			
	26	8.457			9020	4256			
	27	8.561			8716	4130			
	28	8.636			3886	2292			
	29	8.656			4486	2298			
	30	8.856			218	102			
	31	8.949	8.942	0.007	12431	5841	0.48166244		Aroclor-1016
	32	9.037			9978	3771			
	33	9.252	9.244	0.008	16966	5556	0.45699245		Aroclor-1016
	34	9.456			3880	1767			
	35	9.572			545	274			
	36	9.713			457	249			
	37	9.813			3591	1597			
	38	9.902			4872	2180			
	39	10.017			11504	4264			
	40	10.188			651	291			
	41	10.449			2011	860			
	42	10.600			8941	3740			
	43	10.744			217	92			
	44	11.188			427	160			
	45	11.314			1787	867			
	46	11.489			4225	2175			
	47	11.547			4880	2566			
	48	11.808			10937	6182			
	49	11.901			6392	3103			
	50	12.054			22098	12441			
	51	12.269			1466	862			
	52	12.393			2849	1784			
	53	12.502			14063	8993			
	54	12.569			4467	2775			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.730			6112	4058			
56	12.770			3370	2264			
57	12.819			752	491			
58	12.890			1914	1247			
59	12.979			16954	10625			
60	13.021			2148	1522			
61	13.112			2760	1863			
62	13.196			735	521			
63	13.238	13.230	0.008	13206	9328	0.46807336		Aroclor-1260
64	13.313			7814	5595			
65	13.409			2394	1667			
66	13.477			3375	2448			
67	13.586	13.578	0.008	17193	13327	0.44544345		Aroclor-1260
68	13.666			9042	6968			
69	13.730			7934	4450			
70	13.816			1955	1466			
71	13.870			3538	2722			
72	13.916			470	391			
73	13.956	13.949	0.007	45794	38305	0.43912141		Aroclor-1260
74	13.992			2418	2047			
75	14.047			1176	864			
76	14.129			2004	1565			
77	14.340	14.332	0.008	26459	18452	0.40001843		Aroclor-1260
78	14.399			982	832			
79	14.437			11788	9752			
80	14.504	14.494	0.009	15031	11420	0.37405371		Aroclor-1260
81	14.670			858	711			
82	14.861			7030	5093			
83	14.934			616	487			
84	15.084			14624	11839			
85	15.153			1015	753			
86	15.563			4125	2917			
87	15.694			185	83			
$ 88	15.987	15.981	0.006	50701	34691	0.02782180	M	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

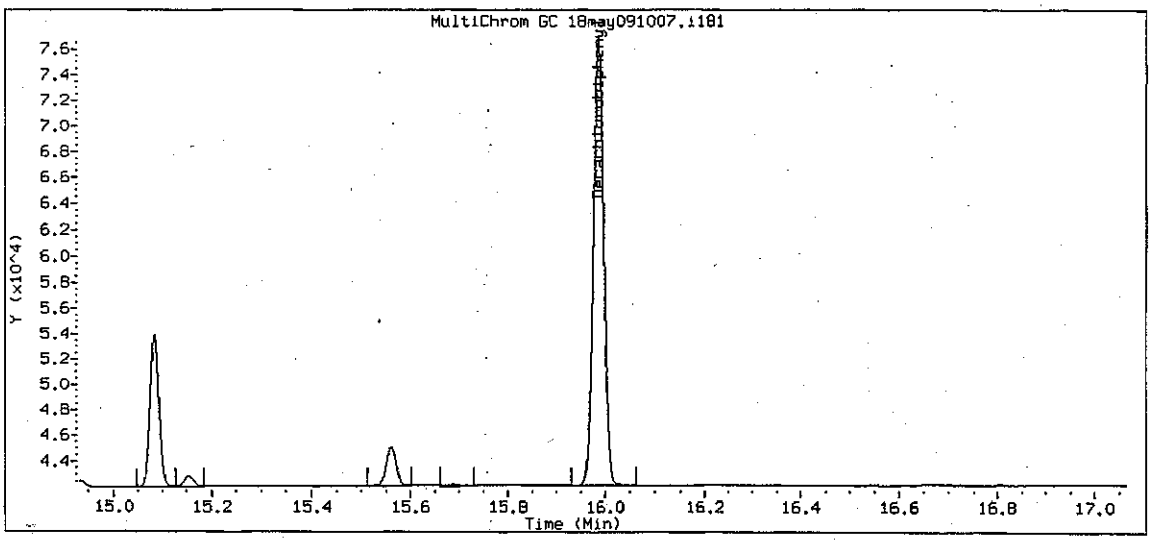
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.451	5.442	0.0200	Tetrachloro-m-xylene
6.801	6.794	0.4000	Aroclor-1016
13.238	13.230	0.4000	Aroclor-1260
15.987	15.981	0.0400	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r181.d
Client Sample ID: AR16603G6
Compound Name: Decachlorobiphenyl

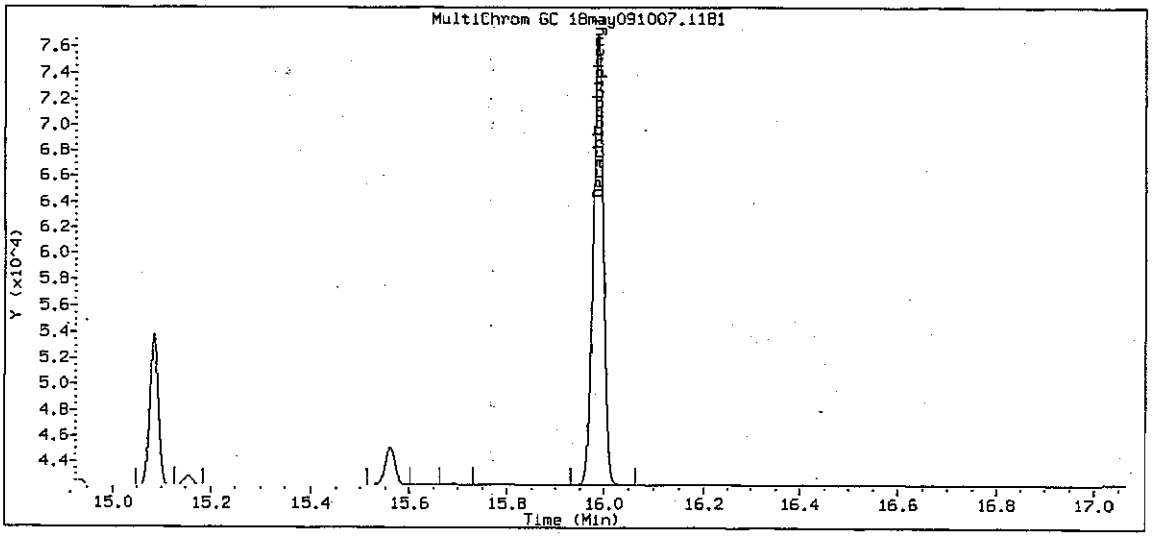
Inj. Date and Time: 18-MAY-2009 17:05
Instrument ID: 5253_1.i
CAS #: 2051-24-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 11:38



Original Integration:

RT = 15.9866 Height = 34736



Final Integration:

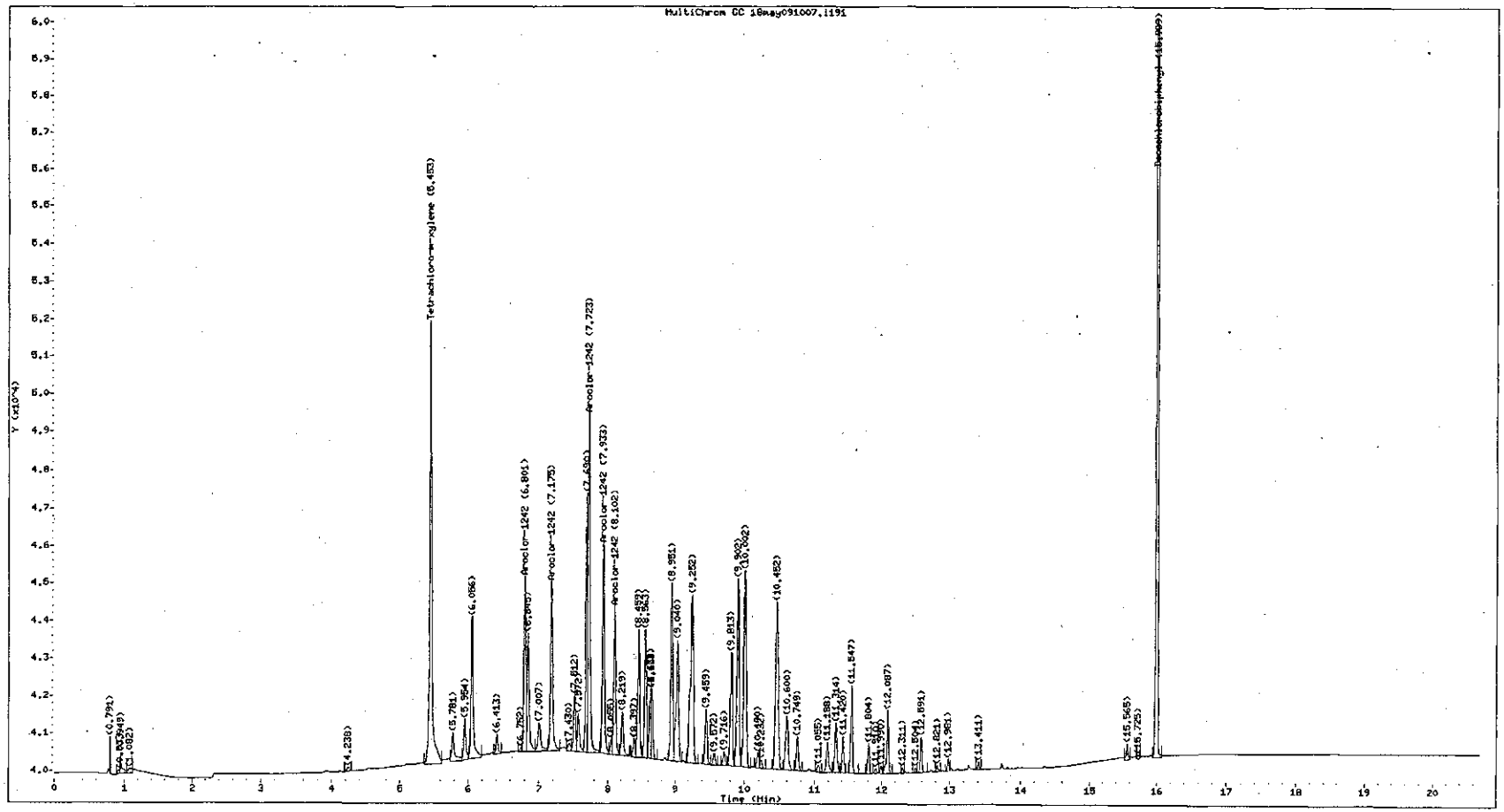
RT = 15.9866 Height = 34691

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G5	Client Sample ID: AR12423G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 17:29
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 18may091007-r191.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:38 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G5 Client Sample ID: AR12423G5

Matrix : WATER
Analyst : DPD
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may091007-r191.d
Method : /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:38 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 17:29
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.791			352	987			
	2	0.933			267	113			
	3	0.949			782	544			
	4	1.082			581	135			
	5	4.238			254	115			
$	6	5.453	5.442	0.011	27517	11779	0.02200304		Tetrachloro-m-xylene
	7	5.781			2390	765			
	8	5.954			2378	1084			
	9	6.056			8564	3766			
	10	6.413			1105	522			
	11	6.752			224	116			
	12	6.801	6.794	0.006	8763	4668	0.39704428		Aroclor-1242
	13	6.845			6915	3159			
	14	7.007			2233	760			
	15	7.175	7.168	0.007	10054	4514	0.40300873		Aroclor-1242
	16	7.430			647	216			
	17	7.512			3012	1502			
	18	7.572			2232	1002			
	19	7.690			12117	6906			
	20	7.723	7.714	0.008	18436	8992	0.42586848		Aroclor-1242
	21	7.933	7.926	0.007	12434	5607	0.41172691		Aroclor-1242
	22	8.055			680	403			
	23	8.102	8.095	0.006	8484	3955	0.42146206		Aroclor-1242
	24	8.219			2622	1150			
	25	8.397			1032	478			
	26	8.459			7289	3384			
	27	8.563			7137	3399			
	28	8.638			3687	1847			
	29	8.658			3002	1842			
	30	8.951			9967	4727			
	31	9.040			8434	3220			
	32	9.252			13666	4467			
	33	9.459			3128	1436			
	34	9.572			639	304			
	35	9.716			722	360			
	36	9.813			6652	3014			
	37	9.902			11019	4994			
	38	10.002			13084	5210			
	39	10.190			854	395			
	40	10.232			465	219			
	41	10.452			11839	4444			
	42	10.600			4101	1413			
	43	10.749			1990	887			
	44	11.055			429	188			
	45	11.188			1936	786			
	46	11.314			3044	1308			
	47	11.420			1840	946			
	48	11.547			4668	2311			
	49	11.804			1411	781			
	50	11.910			283	141			
	51	11.990			354	208			
	52	12.087			3308	1659			
	53	12.311			246	160			
	54	12.504			229	143			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.591			1615	942			
56	12.821			294	165			
57	12.981			468	320			
58	13.411			303	205			
59	15.565			864	434			
60	15.725			223	99			
$ 61	15.989	15.981	0.008	54043	36784	0.02950036		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

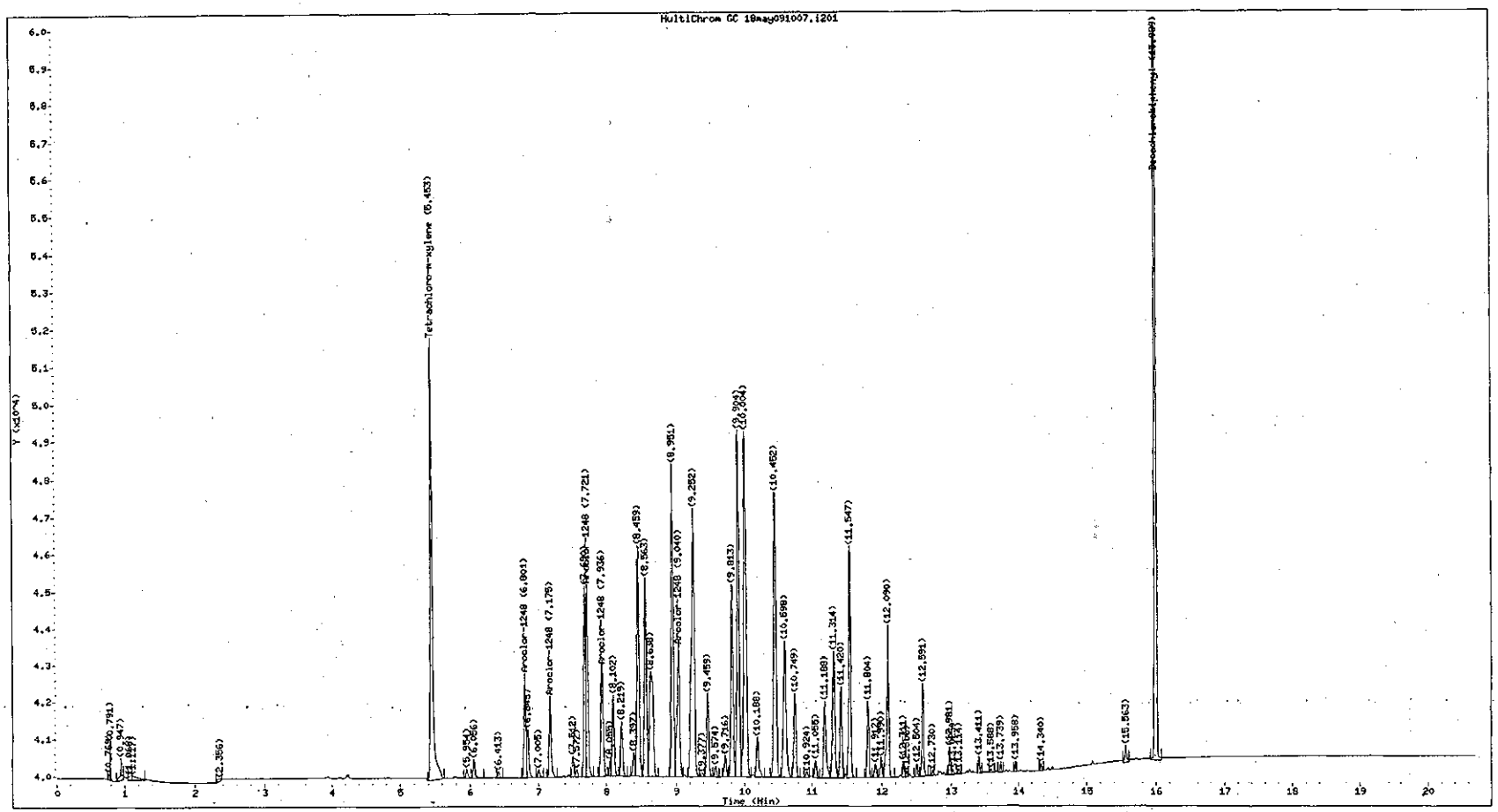
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.453	5.442	0.0200	Tetrachloro-m-xylene
6.801	6.794	0.4000	Aroclor-1242
15.989	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G5	Client Sample ID: AR12483G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 17:53
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 18may091007-r201.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:38 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G5 Client Sample ID: AR12483G5

Matrix : WATER
Analyst : DPD
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may091007-r201.d
Method : /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:38 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 17:53
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.769			238	161			
	2	0.791			365	1046			
	3	0.947			765	597			
	4	1.068			384	115			
	5	1.117			634	101			
	6	2.356			248	58			
$	7	5.453	5.442	0.011	26322	11852	0.02213941		Tetrachloro-m-xylene
	8	5.954			516	257			
	9	6.056			1055	511			
	10	6.413			306	166			
	11	6.801	6.790	0.010	5426	2818	0.38386487		Aroclor-1248
	12	6.845			2681	1303			
	13	7.005			437	215			
	14	7.175	7.163	0.013	4741	2202	0.39091938		Aroclor-1248
	15	7.512			1049	559			
	16	7.572			396	193			
	17	7.690			9362	5143			
	18	7.721	7.710	0.011	10264	5187	0.38304825		Aroclor-1248
	19	7.936	7.922	0.014	7193	2995	0.37772733		Aroclor-1248
	20	8.055			687	419			
	21	8.102			4528	2180			
	22	8.219			3097	1475			
	23	8.397			1223	631			
	24	8.459			13193	6224			
	25	8.563			11214	5351			
	26	8.638			9918	2809			
	27	8.951			17708	8391			
	28	9.040	9.029	0.010	9279	3557	0.43867546		Aroclor-1248
	29	9.252			22096	7220			
	30	9.377			205	106			
	31	9.459			4984	2236			
	32	9.574			587	290			
	33	9.716			1214	578			
	34	9.813			11293	5188			
	35	9.904			20577	9304			
	36	10.004			24527	9271			
	37	10.188			2624	1061			
	38	10.452			20088	7663			
	39	10.598			10807	3665			
	40	10.749			5129	2239			
	41	10.924			338	155			
	42	11.055			1065	475			
	43	11.188			4963	2041			
	44	11.314			7976	3393			
	45	11.420			4816	2417			
	46	11.547			12071	6224			
	47	11.804			3822	2035			
	48	11.912			730	371			
	49	11.990			912	541			
	50	12.090			8422	4113			
	51	12.311			650	423			
	52	12.356			237	158			
	53	12.504			533	355			
	54	12.591			4241	2475			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.730			226	153			
56	12.981			1107	741			
57	13.025			225	149			
58	13.114			213	137			
59	13.411			683	459			
60	13.588			205	110			
61	13.739			453	292			
62	13.958			333	276			
63	14.340			297	205			
64	15.563			838	451			
$ 65	15.989	15.981	0.008	53145	35591	0.02854359		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

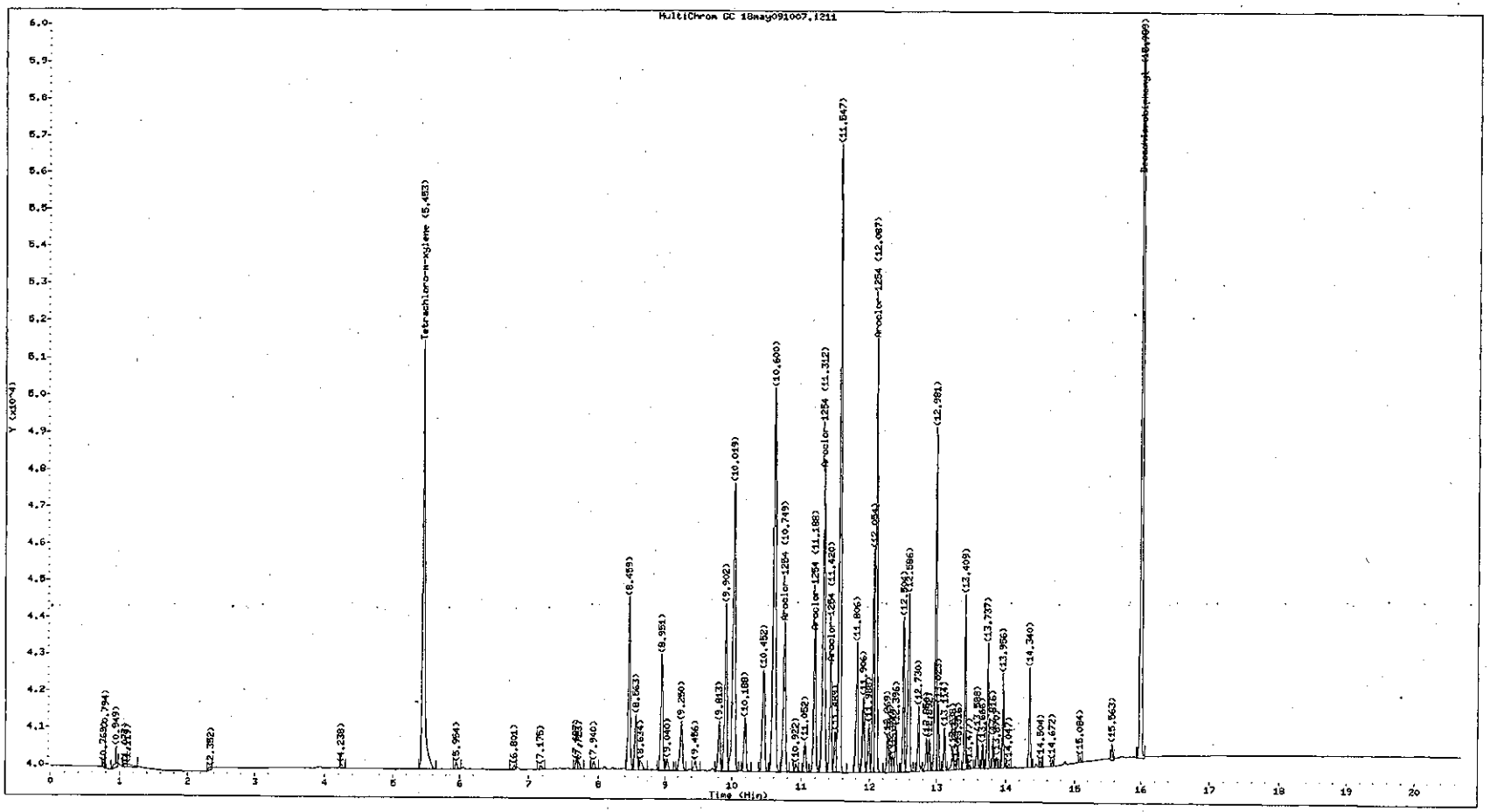
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.453	5.442	0.0200	Tetrachloro-m-xylene
6.801	6.790	0.4000	Aroclor-1248
15.989	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G5	Client Sample ID: AR12543G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 18:17
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 18may091007-r211.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:38 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G5 Client Sample ID: AR12543G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 18:17
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 18may091007-r211.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:38 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.769			239	155			
	2	0.794			366	1045			
	3	0.949			675	578			
	4	1.077			314	102			
	5	1.119			457	86			
	6	2.352			258	70			
	7	4.238			231	128			
$	8	5.453	5.442	0.011	25728	11551	0.02157714		Tetrachloro-m-xylene
	9	5.954			374	191			
	10	6.801			237	124			
	11	7.175			220	107			
	12	7.687			447	252			
	13	7.723			423	212			
	14	7.940			489	206			
	15	8.459			9913	4667			
	16	8.563			3135	1500			
	17	8.634			781	262			
	18	8.951			6740	3127			
	19	9.040			670	314			
	20	9.250			3407	1330			
	21	9.456			663	264			
	22	9.813			2971	1328			
	23	9.902			9956	4512			
	24	10.019			19412	7771			
	25	10.188			3220	1437			
	26	10.452			6531	2721			
	27	10.600			26633	10340			
	28	10.749	10.740	0.008	9257	4042	0.41499506		Aroclor-1254
	29	10.922			463	219			
	30	11.052			1725	800			
	31	11.188	11.180	0.008	8399	3804	0.42979409		Aroclor-1254
	32	11.312	11.304	0.007	17966	8191	0.44695146		Aroclor-1254
	33	11.420	11.411	0.009	5905	2954	0.45370246		Aroclor-1254
	34	11.489			2057	1110			
	35	11.547			31536	16902			
	36	11.806			6538	3498			
	37	11.906			4316	2034			
	38	11.988			2402	1321			
	39	12.054			9509	6008			
	40	12.087	12.080	0.008	20277	11666	0.46848348		Aroclor-1254
	41	12.269			1771	962			
	42	12.311			896	593			
	43	12.351			748	480			
	44	12.396			1945	1212			
	45	12.504			6617	4180			
	46	12.586			10698	4782			
	47	12.730			2620	1751			
	48	12.850			1437	884			
	49	12.892			1265	862			
	50	12.981			14157	9236			
	51	13.023			2526	1776			
	52	13.114			1702	1141			
	53	13.238			1016	547			
	54	13.273			229	170			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.316			828	566			
	56	13.409			6621	4707			
	57	13.477			256	134			
	58	13.588			1455	986			
	59	13.666			878	661			
	60	13.737			4802	3370			
	61	13.816			1137	853			
	62	13.870			402	319			
	63	13.956			3213	2535			
	64	14.047			221	131			
	65	14.340			3797	2661			
	66	14.504			254	183			
	67	14.672			207	175			
	68	15.084			209	161			
	69	15.563			664	426			
$	70	15.989	15.981	0.008	54026	36312	0.02912182		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

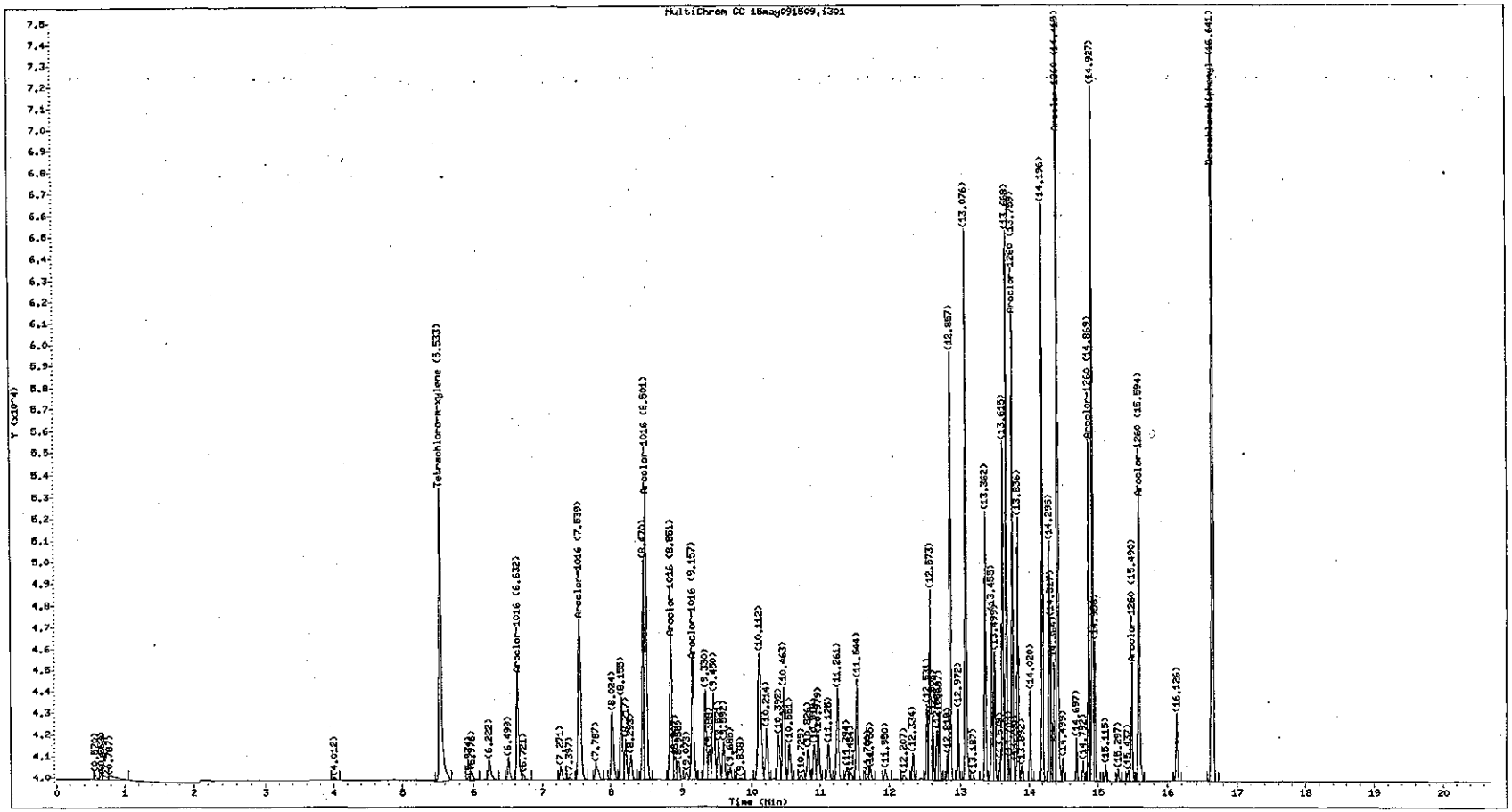
Target Compounds

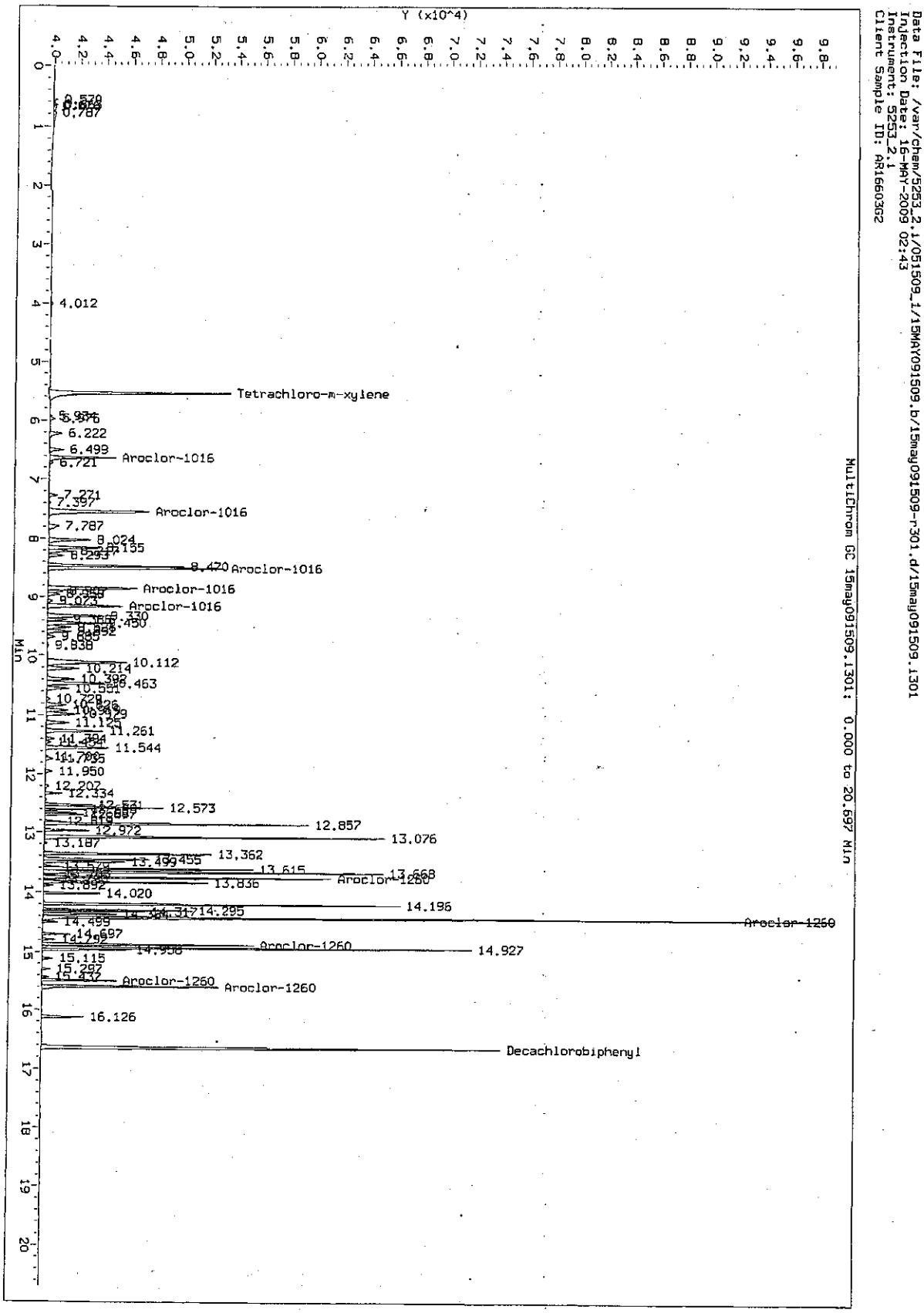
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.453	5.442	0.0200	Tetrachloro-m-xylene
10.749	10.740	0.4000	Aroclor-1254
15.989	15.981	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G2	Client Sample ID: AR16603G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 02:43
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091509-r301.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:45 jb		




Data File: /var/chem/5253_2.i/051509_1/15MAY091509.b/15may091509-r301.d/15may091509.1301
Injection Date: 16-MAY-2009 02:43
Instrument: 5253_2.i
Client Sample ID: AR166603G2
MultiChrom GC 15may091509.1301: 0.000 to 20.697 Min
Y (x10^4)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1016
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Aroclor-1260
Decachlorobiphenyl
4.012
6.222
6.499
6.721
7.271
7.397
7.787
8.024
8.420
9.838
10.112
10.214
10.463
11.261
11.544
11.950
12.207
12.334
12.573
12.857
12.972
13.076
13.187
13.362
13.615
13.836
14.020
14.196
14.295
14.459
14.927
15.115
15.297
16.126

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G2 Client Sample ID: AR16603G2

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091509-r301.d
Method : /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m
Reported : 18-May-2009 11:45 jb

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 02:43
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.570			520	317			
	2	0.663			426	337			
	3	0.676			896	209			
	4	0.787			1664	196			
	5	4.012			436	157			
$	6	5.533	5.530	0.003	32182	13588	0.01987763		Tetrachloro-m-xylene
	7	5.934			307	170			
	8	5.976			1031	424			
	9	6.222			2633	948			
	10	6.499			2328	1066			
	11	6.632	6.628	0.005	10463	4958	0.40236975		Aroclor-1016
	12	6.721			706	293			
	13	7.271			1400	634			
	14	7.397			256	107			
	15	7.539	7.535	0.004	22006	7500	0.40066510		Aroclor-1016
	16	7.787			2403	783			
	17	8.024			7129	3120			
	18	8.155			8170	3824			
	19	8.217			4003	1920			
	20	8.293			2511	1161			
	21	8.470			17352	10158			
	22	8.501	8.496	0.005	28423	13195	0.40160093		Aroclor-1016
	23	8.851	8.846	0.005	14795	6653	0.39359295		Aroclor-1016
	24	8.907			2130	1099			
	25	8.958			1997	868			
	26	9.073			803	369			
	27	9.157	9.154	0.003	12171	5577	0.40287874		Aroclor-1016
	28	9.330			9386	4187			
	29	9.388			3012	1439			
	30	9.450			9442	4017			
	31	9.521			4026	1769			
	32	9.592			4123	1768			
	33	9.685			1256	546			
	34	9.838			248	88			
	35	10.112			17067	5906			
	36	10.214			5500	2394			
	37	10.392			4733	2064			
	38	10.463			9922	4269			
	39	10.551			3868	1649			
	40	10.729			552	245			
	41	10.826			3423	1441			
	42	10.919			3771	1623			
	43	10.979			4953	2118			
	44	11.125			3759	1675			
	45	11.261			9106	4208			
	46	11.394			1239	614			
	47	11.454			758	369			
	48	11.544			9086	4678			
	49	11.700			253	161			
	50	11.735			1058	517			
	51	11.950			997	503			
	52	12.207			620	255			
	53	12.334			1908	1245			
	54	12.531			5317	3487			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.573			13179	8789			
56	12.608			4362	2937			
57	12.668			3458	2327			
58	12.697			4277	2926			
59	12.819			1440	1184			
60	12.857			28111	19752			
61	12.972			4561	3284			
62	13.076			34972	25435			
63	13.187			424	250			
64	13.362			16044	12452			
65	13.455			10442	7778			
66	13.499			8267	5990			
67	13.579			1144	988			
68	13.615			22163	15636			
69	13.668			31631	25357			
70	13.703			1270	1051			
71	13.759	13.754	0.005	25937	21502	0.40270160	M	Aroclor-1260
72	13.790			1001	887			
73	13.836			14693	12180			
74	13.892			894	697			
75	14.020			5118	4181			
76	14.196			30817	26623			
77	14.295			13672	11066			
78	14.317			9033	7556			
79	14.364			6653	5472			
80	14.419	14.414	0.005	69487	59505	0.40242789	M	Aroclor-1260
81	14.499			1336	1109			
82	14.697			2468	2028			
83	14.792			1124	942			
84	14.869	14.864	0.005	20385	15755	0.39979065	M	Aroclor-1260
85	14.927			38196	32133			
86	14.958			8071	6487			
87	15.115			1081	782			
88	15.297			788	580			
89	15.437			705	492			
90	15.490	15.486	0.004	7638	5499	0.40921649	M	Aroclor-1260
91	15.594	15.590	0.004	19352	13118	0.39742784	M	Aroclor-1260
92	16.126			4995	3107			
$ 93	16.641	16.635	0.005	60456	34306	0.04034481		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
6.632	6.628	0.4000	Aroclor-1016
13.759	13.754	0.4000	Aroclor-1260
16.641	16.635	0.0400	Decachlorobiphenyl

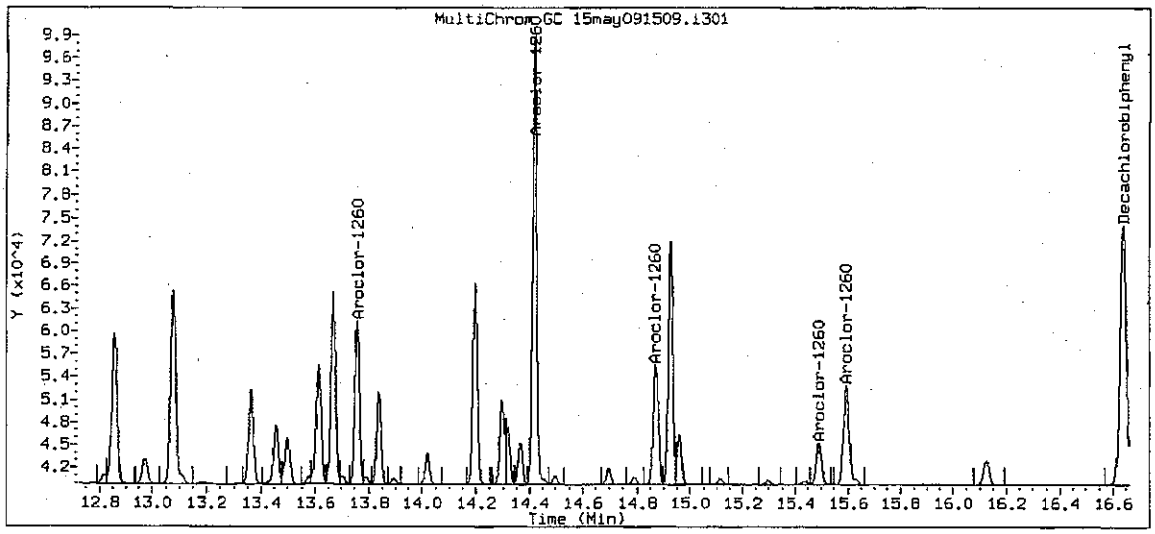
Reported: 05/18/2009 11:45 jb 15may091509-r301.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091509-r301.d
Client Sample ID: AR16603G2
Compound Name: Aroclor-1260

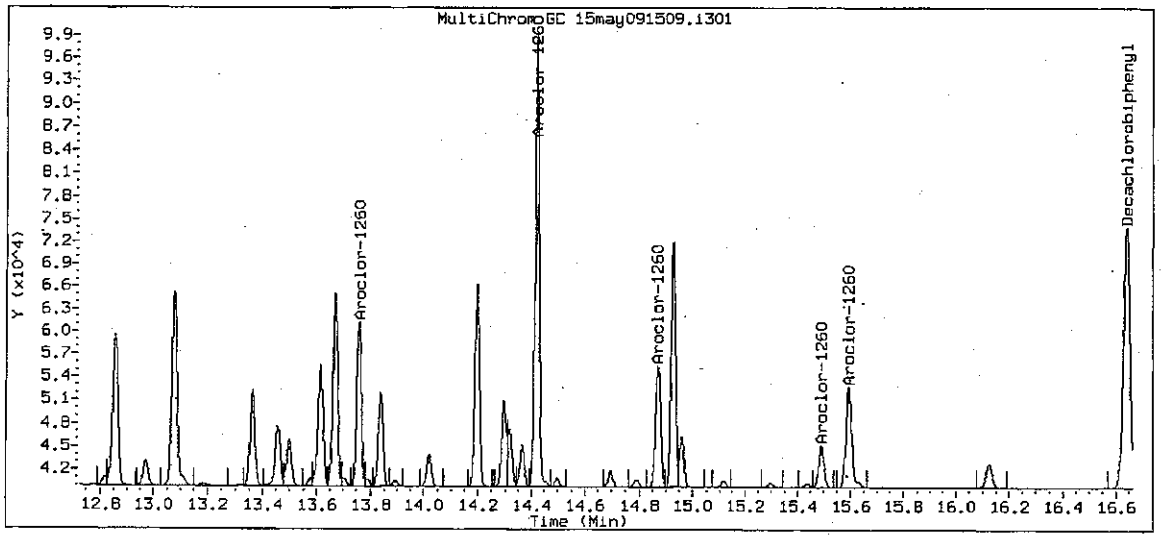
Inj. Date and Time: 16-MAY-2009 02:43
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/18/2009 11:45



Original Integration:

RT = 13.7589 Height = 21472
RT = 14.4194 Height = 59462
RT = 14.8694 Height = 15726
RT = 15.4901 Height = 5493
RT = 15.5943 Height = 13114



Final Integration:

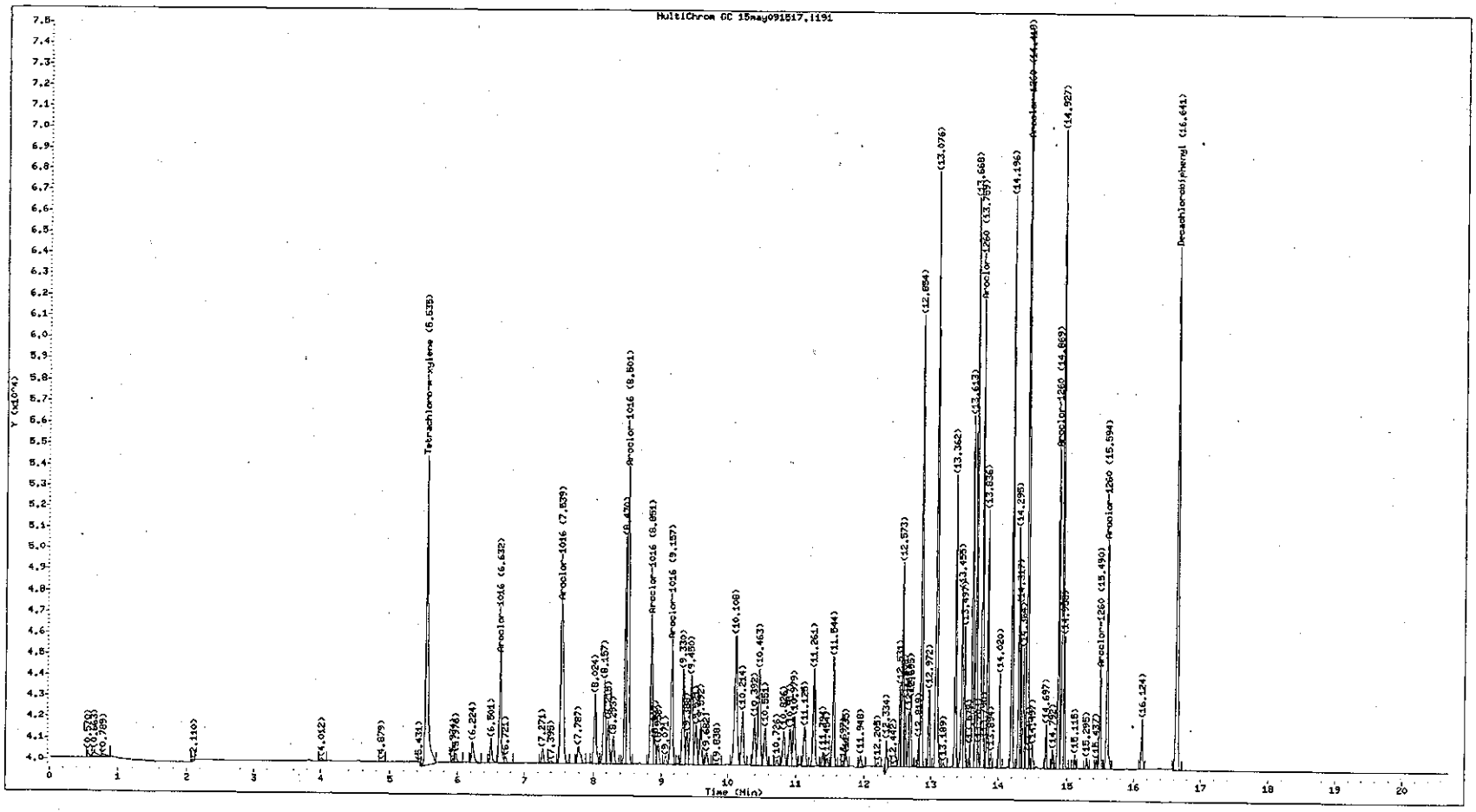
RT = 13.7589 Height = 21502
RT = 14.4194 Height = 59505
RT = 14.8694 Height = 15755
RT = 15.4901 Height = 5499
RT = 15.5943 Height = 13118

Manual Integration Reason: MI1 - Poor automated baseline

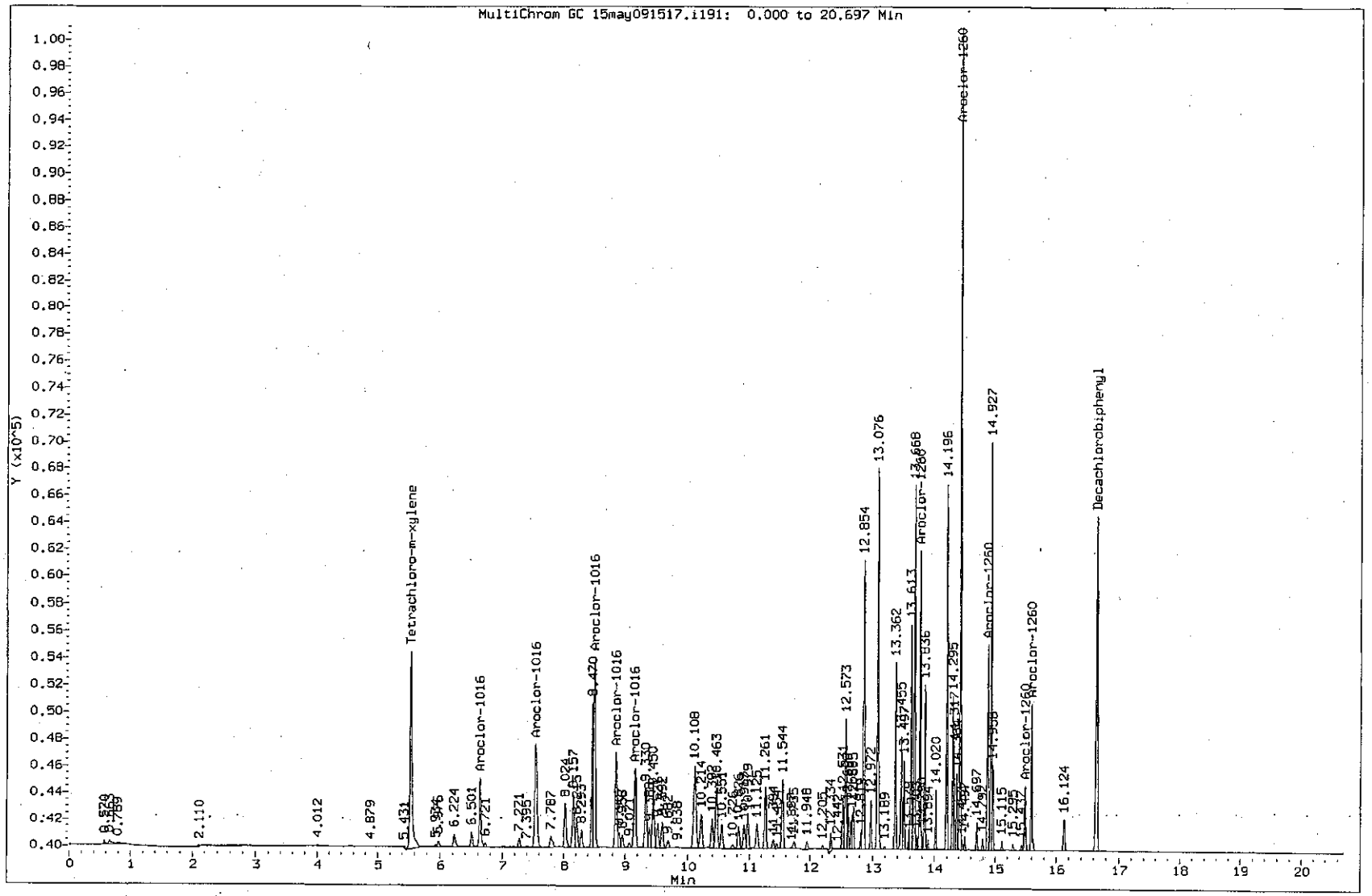
TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G3	Client Sample ID: AR16603G3

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 10:16
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 15may091517-r191.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:52 dpd		



Data File: /var/chem/5253_2.i/051509_1/15MAY091517.b/15may091517-r191.d/15may091517.i191
Injection Date: 16-MAY-2009 10:16
Instrument: 5253_2.i
Client Sample ID: AR16603G3



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G3 Client Sample ID: AR16603G3

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091517-r191.d
Method : /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 11:52 dpd

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 10:16
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.570			487	336			
	2	0.663			1027	343			
	3	0.789			631	121			
	4	2.110			201	68			
	5	4.012			380	147			
	6	4.879			284	78			
	7	5.431			256	130			
$	8	5.535	5.530	0.005	33645	14667	0.02145608		Tetrachloro-m-xylene
	9	5.934			321	172			
	10	5.976			1013	432			
	11	6.224			2515	960			
	12	6.501			2389	1132			
	13	6.632	6.628	0.005	10592	5190	0.42119786		Aroclor-1016
	14	6.721			752	308			
	15	7.271			1465	665			
	16	7.395			285	115			
	17	7.539	7.535	0.004	22420	7693	0.41097555		Aroclor-1016
	18	7.787			2470	814			
	19	8.024			7380	3261			
	20	8.157			8375	3939			
	21	8.215			4197	2003			
	22	8.293			2629	1285			
	23	8.470			18330	10738			
	24	8.501	8.496	0.005	29796	14118	0.42969321		Aroclor-1016
	25	8.851	8.846	0.005	15352	7097	0.41986009		Aroclor-1016
	26	8.907			2313	1134			
	27	8.958			2019	914			
	28	9.071			831	382			
	29	9.157	9.154	0.003	12781	5909	0.42686219		Aroclor-1016
	30	9.330			9752	4460			
	31	9.388			3177	1479			
	32	9.450			9888	4197			
	33	9.521			4079	1835			
	34	9.592			4217	1923			
	35	9.682			1273	557			
	36	9.838			262	91			
	37	10.108			16962	6134			
	38	10.214			5818	2539			
	39	10.392			4996	2208			
	40	10.463			10537	4545			
	41	10.551			4041	1748			
	42	10.726			621	277			
	43	10.826			3736	1607			
	44	10.917			3938	1710			
	45	10.979			5405	2333			
	46	11.125			4040	1817			
	47	11.261			9618	4584			
	48	11.394			1329	671			
	49	11.454			813	395			
	50	11.544			9801	5170			
	51	11.697			215	144			
	52	11.735			1209	564			
	53	11.948			1230	563			
	54	12.205			541	257			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.334			2148	1431			
56	12.442			166	71			
57	12.531			5718	3826			
58	12.573			14769	9658			
59	12.608			4764	3151			
60	12.668			3670	2589			
61	12.695			4988	3193			
62	12.819			1705	1323			
63	12.854			30785	21303			
64	12.972			5046	3630			
65	13.076			38941	28122			
66	13.189			390	251			
67	13.362			17511	13830			
68	13.455			11242	8391			
69	13.497			8807	6637			
70	13.579			1198	1053			
71	13.613			23308	16645			
72	13.668			33713	26882			
73	13.703			1288	1089			
74	13.759	13.754	0.005	26923	22074	0.41341433	M	Aroclor-1260
75	13.790			1435	1399			
76	13.836			15048	12188			
77	13.894			896	732			
78	14.020			5333	4419			
79	14.196			31935	27001			
80	14.295			14205	11354			
81	14.317			9111	7719			
82	14.364			6765	5660			
83	14.419	14.414	0.005	69343	61000	0.41253846	M	Aroclor-1260
84	14.453			758	732			
85	14.497			1274	1071			
86	14.697			2441	2040			
87	14.792			1078	886			
88	14.869	14.864	0.005	19527	15169	0.38492062	M	Aroclor-1260
89	14.927			36132	30171			
90	14.958			7472	6276			
91	15.115			926	666			
92	15.295			755	523			
93	15.437			619	430			
94	15.490	15.486	0.004	6887	4783	0.35593425	M	Aroclor-1260
95	15.594	15.590	0.004	15833	10819	0.32777647	M	Aroclor-1260
96	16.124			3775	2329			
$ 97	16.641	16.635	0.005	43532	24629	0.02896439		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

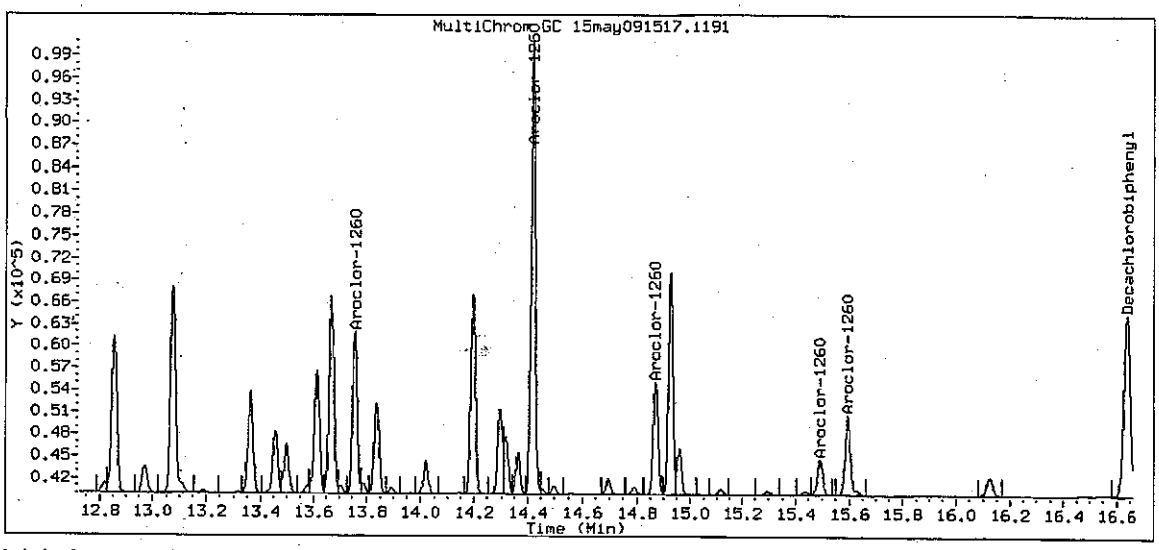
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.535	5.530	0.0200	Tetrachloro-m-xylene
6.632	6.628	0.4000	Aroclor-1016
13.759	13.754	0.4000	Aroclor-1260
16.641	16.635	0.0400	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 15may091517-r191.d
Client Sample ID: AR16603G3
Compound Name: Aroclor-1260

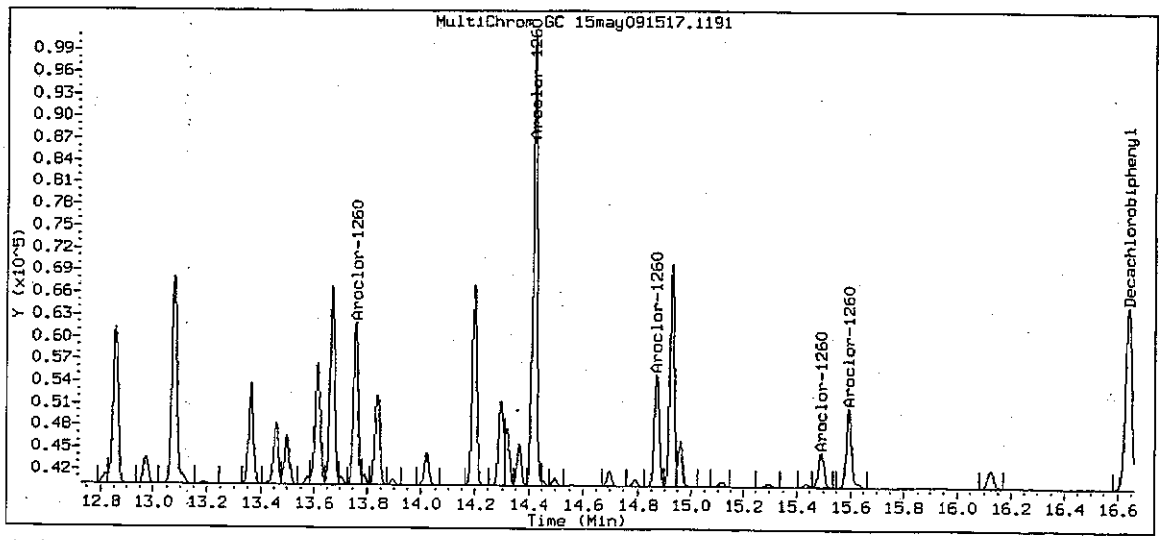
Inj. Date and Time: 16-MAY-2009 10:16
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 11:52



Original Integration:

RT = 13.7589 Height = 22068
RT = 14.4194 Height = 60972
RT = 14.8694 Height = 15144
RT = 15.4901 Height = 4775
RT = 15.5943 Height = 10813



Final Integration:

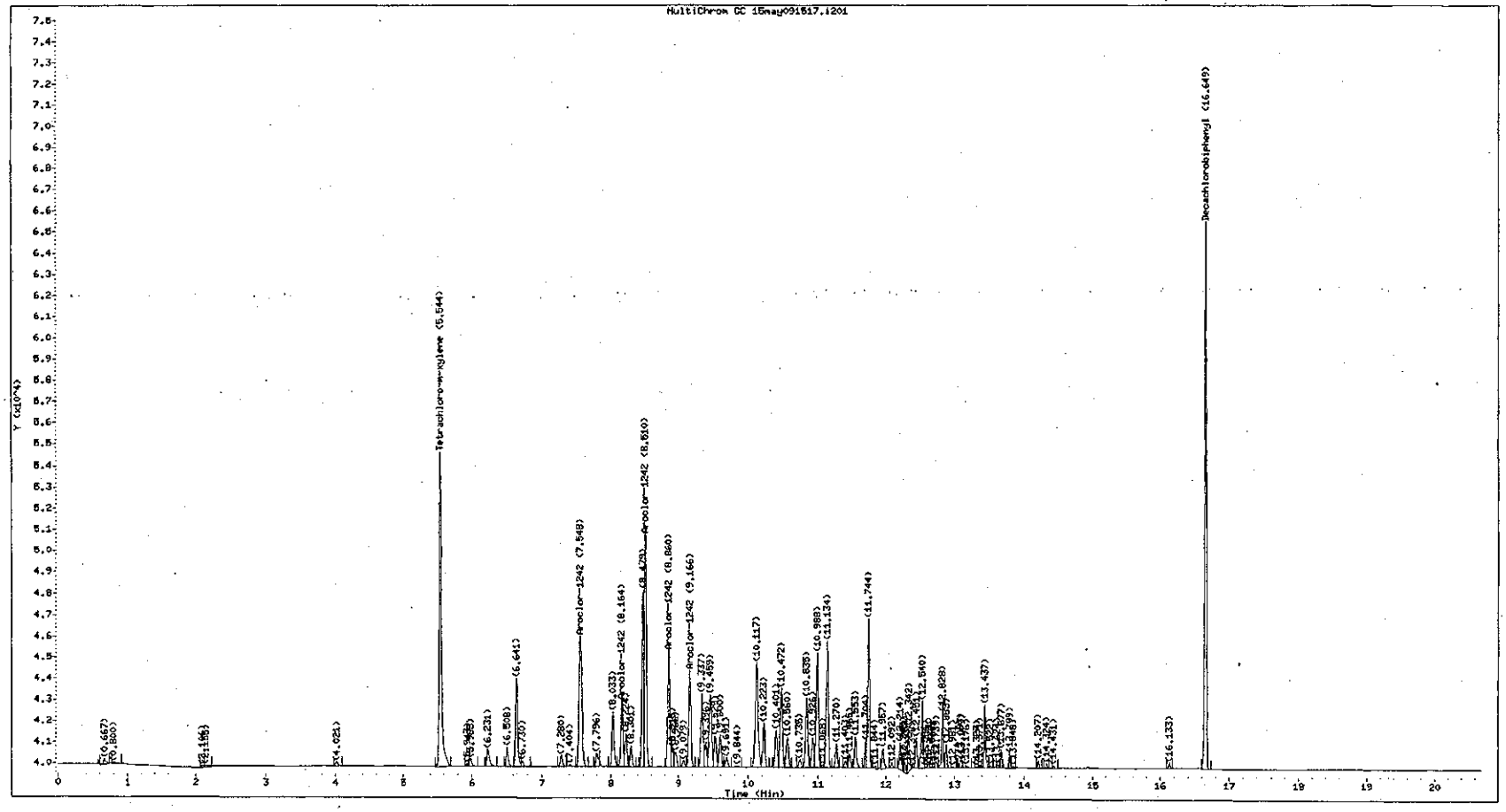
RT = 13.7589 Height = 22074
RT = 14.4194 Height = 61000
RT = 14.8694 Height = 15169
RT = 15.4901 Height = 4783
RT = 15.5943 Height = 10819

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G2	Client Sample ID: AR12423G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 10:40
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 15may091517-r201.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:52 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G2 Client Sample ID: AR12423G2

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091517-r201.d
Method : /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 11:52 dpd

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 10:40
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.667			677	267			
	2	0.800			450	81			
	3	2.106			209	78			
	4	2.155			468	87			
	5	4.021			527	204			
$	6	5.544	5.530	0.014	32607	14769	0.02160529		Tetrachloro-m-xylene
	7	5.943			240	141			
	8	5.985			777	355			
	9	6.231			2150	807			
	10	6.508			1890	906			
	11	6.641			8531	4150			
	12	6.730			551	247			
	13	7.280			1143	526			
	14	7.404			215	91			
	15	7.548	7.543	0.005	17916	6179	0.40954772		Aroclor-1242
	16	7.796			1627	638			
	17	8.033			5927	2597			
	18	8.164	8.161	0.003	6704	3131	0.40958221		Aroclor-1242
	19	8.224			3327	1580			
	20	8.301			2088	984			
	21	8.479			14348	8321			
	22	8.510	8.505	0.005	23195	10916	0.41920123		Aroclor-1242
	23	8.860	8.855	0.005	12051	5484	0.40956702		Aroclor-1242
	24	8.915			1831	896			
	25	8.966			1636	717			
	26	9.079			677	310			
	27	9.166	9.162	0.004	9985	4548	0.41473173		Aroclor-1242
	28	9.337			7609	3429			
	29	9.396			2554	1176			
	30	9.459			7940	3387			
	31	9.529			3273	1447			
	32	9.600			3398	1507			
	33	9.691			1036	446			
	34	9.844			245	80			
	35	10.117			13423	4913			
	36	10.223			4718	2064			
	37	10.401			4052	1746			
	38	10.472			8705	3720			
	39	10.560			3253	1388			
	40	10.735			855	375			
	41	10.835			7480	3255			
	42	10.926			3119	1386			
	43	10.988			12380	5394			
	44	11.068			255	131			
	45	11.134			12752	5953			
	46	11.270			2431	1113			
	47	11.403			635	326			
	48	11.465			1473	665			
	49	11.553			3002	1430			
	50	11.704			1925	1255			
	51	11.744			14446	7003			
	52	11.844			293	133			
	53	11.957			2130	952			
	54	12.092			436	259			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.214			2499	1254			
	56	12.265			562	413			
	57	12.289			891	540			
	58	12.342			2974	2003			
	59	12.398			23	22			
	60	12.451			2224	1409			
	61	12.540			5601	3140			
	62	12.584			98	67			
	63	12.631			326	184			
	64	12.677			62	47			
	65	12.704			90	60			
	66	12.739			483	310			
	67	12.828			4118	2624			
	68	12.883			1984	1106			
	69	12.981			129	76			
	70	13.087			555	400			
	71	13.109			523	356			
	72	13.176			259	119			
	73	13.327			103	64			
	74	13.371			245	180			
	75	13.437			4221	2951			
	76	13.522			192	132			
	77	13.624			265	197			
	78	13.677			1146	872			
	79	13.799			847	693			
	80	13.848			184	126			
	81	14.207			485	379			
	82	14.324			341	243			
	83	14.431			227	151			
	84	16.133			464	285			
$	85	16.649	16.635	0.014	45442	25619	0.03012866		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

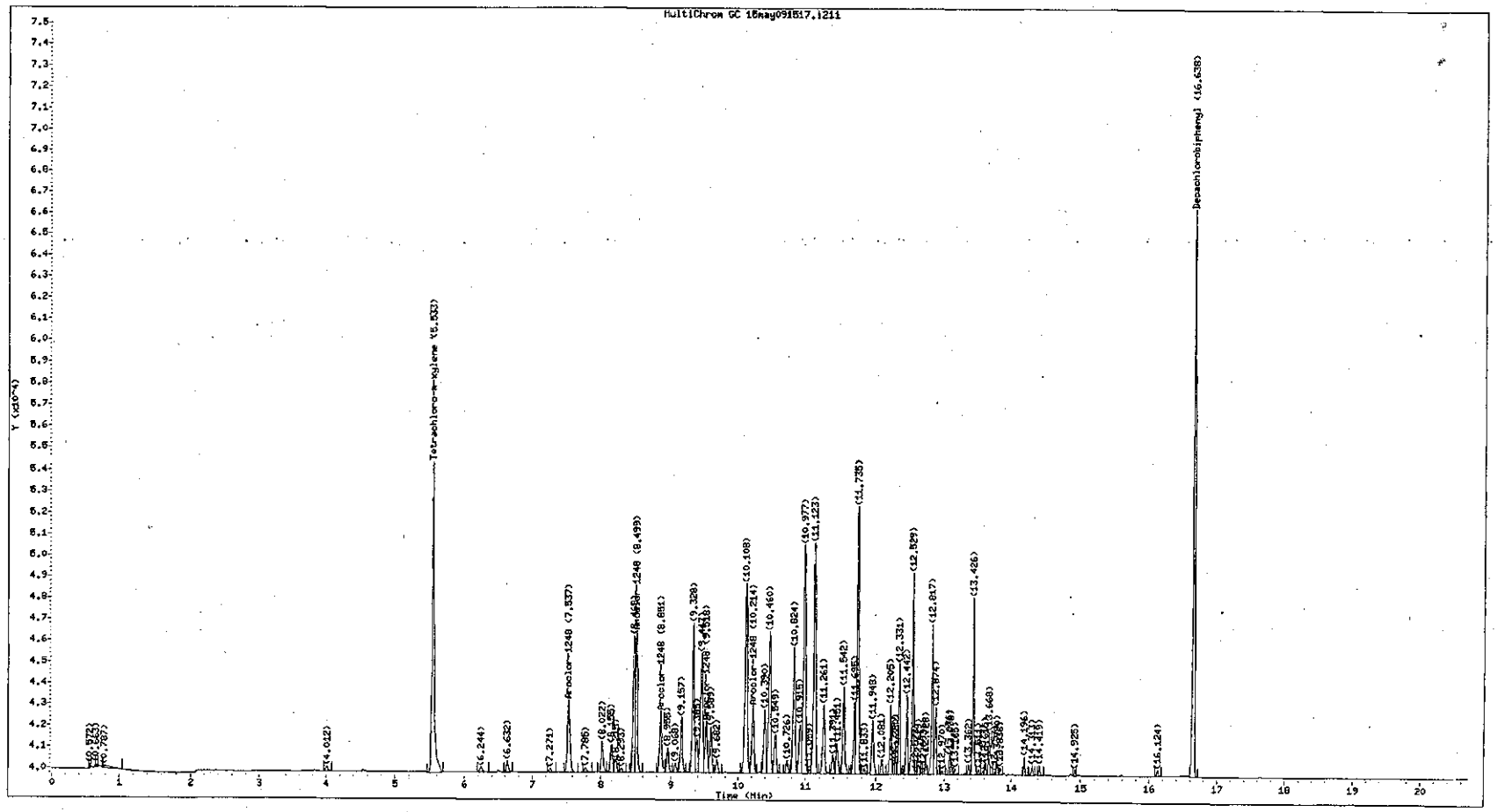
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.544	5.530	0.0200	Tetrachloro-m-xylene
7.548	7.543	0.4000	Aroclor-1242
16.649	16.635	0.0400	Decachlorobiphenyl

Reported: 05/21/2009 11:52 dpd 15may091517-r201.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G2	Client Sample ID: AR12483G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 11:03
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 15may091517-r211.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:52 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G2 Client Sample ID: AR12483G2

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091517-r211.d
Method : /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 11:52 dpd

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 11:03
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.572			245	196			
	2	0.663			211	205			
	3	0.787			811	106			
	4	4.012			537	216			
$	5	5.533	5.530	0.003	32845	14540	0.02127029		Tetrachloro-m-xylene
	6	6.244			671	235			
	7	6.632			1162	534			
	8	7.271			379	179			
	9	7.537	7.532	0.005	9121	3390	0.39317454		Aroclor-1248
	10	7.785			533	219			
	11	8.022			3189	1442			
	12	8.155			2856	1314			
	13	8.215			1335	615			
	14	8.293			445	210			
	15	8.468			12233	6381			
	16	8.499	8.493	0.006	13438	6603	0.40406637		Aroclor-1248
	17	8.851	8.843	0.008	6667	2850	0.39252819		Aroclor-1248
	18	8.955			2644	1151			
	19	9.068			926	422			
	20	9.157			5611	2580			
	21	9.328			15323	7000			
	22	9.385			3346	1584			
	23	9.447			13250	5611			
	24	9.518	9.512	0.006	5543	2423	0.40469331		Aroclor-1248
	25	9.589			4845	2136			
	26	9.682			1408	612			
	27	10.108			22142	8873			
	28	10.214	10.211	0.003	7183	3138	0.41517547		Aroclor-1248
	29	10.390			6789	2977			
	30	10.460			15156	6605			
	31	10.549			4172	1773			
	32	10.726			1390	607			
	33	10.824			13252	5874			
	34	10.915			5124	2265			
	35	10.977			24673	10685			
	36	11.059			363	189			
	37	11.123			23035	10809			
	38	11.261			7173	3223			
	39	11.391			1758	886			
	40	11.451			2861	1395			
	41	11.542			8276	4071			
	42	11.695			5162	3358			
	43	11.735			25128	12534			
	44	11.833			503	259			
	45	11.948			5374	2527			
	46	12.081			1323	708			
	47	12.205			5865	3243			
	48	12.254			784	551			
	49	12.280			1013	680			
	50	12.331			7718	5166			
	51	12.442			5811	3686			
	52	12.529			15309	9397			
	53	12.573			266	206			
	54	12.619			771	457			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.693			202	157			
56	12.728			1149	763			
57	12.817			10660	7009			
58	12.874			5384	3127			
59	12.970			272	199			
60	13.076			1191	887			
61	13.098			1219	861			
62	13.165			517	295			
63	13.362			639	488			
64	13.426			11663	8258			
65	13.511			395	284			
66	13.577			263	215			
67	13.615			697	547			
68	13.668			2549	1986			
69	13.757			214	157			
70	13.790			820	648			
71	13.836			447	350			
72	14.196			1083	878			
73	14.313			665	462			
74	14.419			645	476			
75	14.925			359	300			
76	16.124			507	305			
$ 77	16.638	16.635	0.003	46590	26494	0.03115768		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

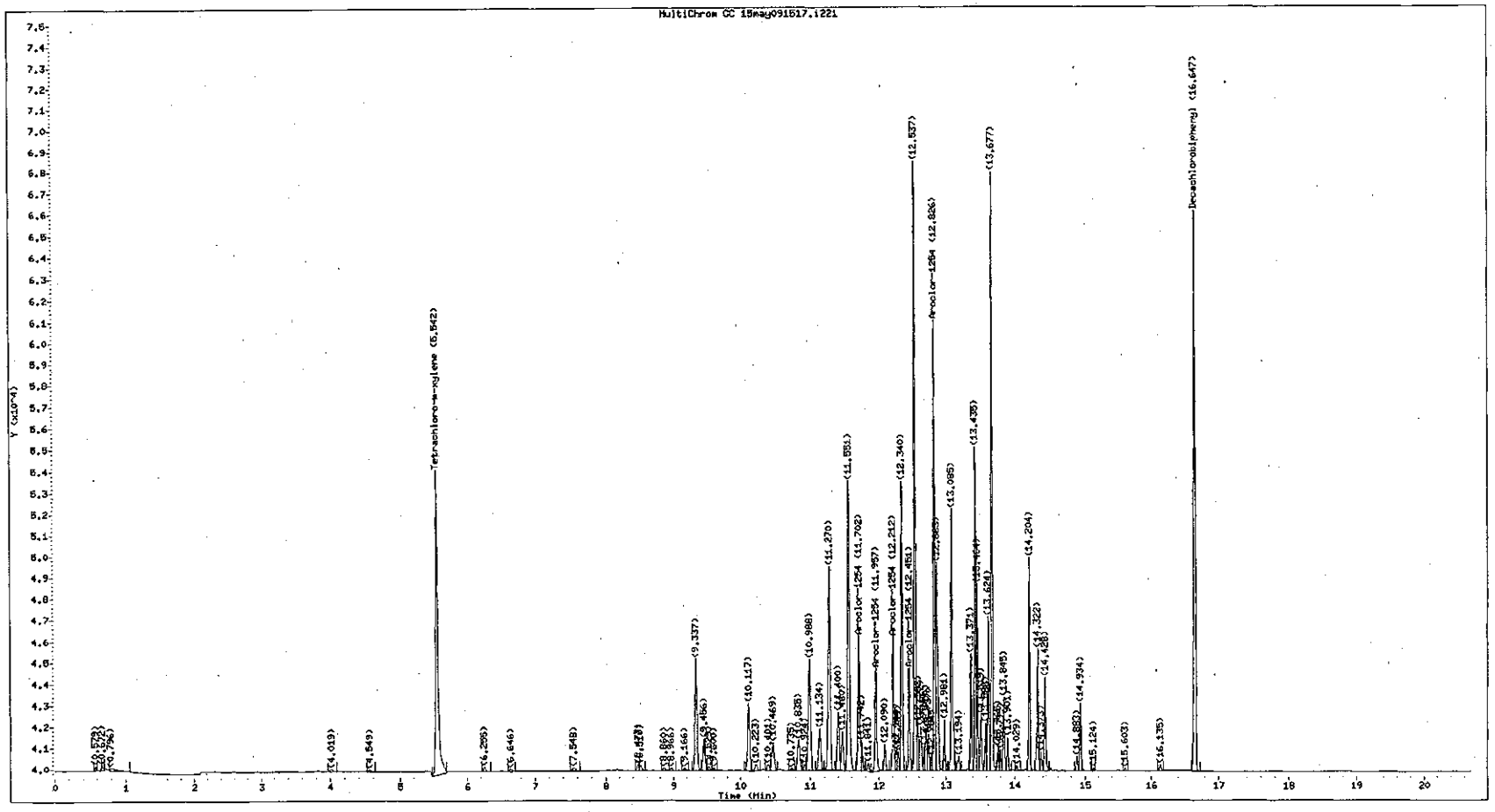
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
7.537	7.532	0.4000	Aroclor-1248
16.638	16.635	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G2	Client Sample ID: AR12543G2

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 16-MAY-2009 11:27
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 15may091517-r221.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:52 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G2 Client Sample ID: AR12543G2

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091517-r221.d
Method : /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 11:52 dpd

Sample Type : CCALIB_3
Injection Date : 16-MAY-2009 11:27
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.579			221	203			
	2	0.672			269	226			
	3	0.796			1022	131			
	4	4.019			302	119			
	5	4.549			227	97			
$	6	5.542	5.530	0.012	33552	14341	0.02097918		Tetrachloro-m-xylene
	7	6.255			623	231			
	8	6.646			310	118			
	9	7.548			468	151			
	10	8.477			572	290			
	11	8.510			571	259			
	12	8.860			328	128			
	13	8.966			286	123			
	14	9.166			228	104			
	15	9.337			11676	5212			
	16	9.456			3337	1495			
	17	9.529			390	183			
	18	9.600			253	114			
	19	10.117			6853	3154			
	20	10.223			665	281			
	21	10.401			615	277			
	22	10.469			2979	1295			
	23	10.735			216	98			
	24	10.835			3310	1427			
	25	10.924			614	289			
	26	10.988			11922	5178			
	27	11.134			4230	1937			
	28	11.270			19921	9552			
	29	11.400			5543	2733			
	30	11.460			3575	1817			
	31	11.551			26358	13601			
	32	11.702	11.694	0.008	11690	6312	0.43006796	M	Aroclor-1254
	33	11.742			2372	1362			
	34	11.841			738	380			
	35	11.957	11.947	0.009	8981	4833	0.41969064.	M	Aroclor-1254
	36	12.090			2096	1223			
	37	12.212	12.203	0.009	10391	6291	0.42555278	M	Aroclor-1254
	38	12.260			1603	961			
	39	12.289			1278	891			
	40	12.340			19639	13575			
	41	12.451	12.442	0.009	7404	4793	0.42066461	M	Aroclor-1254
	42	12.537			43002	28527			
	43	12.582			3446	2264			
	44	12.622			4002	2050			
	45	12.675			1569	1125			
	46	12.704			2900	1836			
	47	12.737			2474	1705			
	48	12.784			1027	695			
	49	12.826	12.816	0.009	31181	21118	0.43535648	M	Aroclor-1254
	50	12.863			18635	9730			
	51	12.981			3327	2389			
	52	13.085			19755	12276			
	53	13.194			1396	666			
	54	13.371			7156	5463			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	13.435			20276	15140			
56	13.464			11103	8721			
57	13.519			3755	2639			
58	13.586			2911	2224			
59	13.624			9336	7180			
60	13.677			35276	28010			
61	13.765			1449	1106			
62	13.799			1287	983			
63	13.845			4283	3412			
64	13.901			1984	1563			
65	14.029			323	240			
66	14.204			12136	9944			
67	14.322			8037	5691			
68	14.373			1039	870			
69	14.428			5991	4324			
70	14.883			879	689			
71	14.934			3833	3134			
72	15.124			216	167			
73	15.603			206	144			
74	16.135			485	299			
$ 75	16.647	16.635	0.012	46500	26181	0.03078959		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.542	5.530	0.0200	Tetrachloro-m-xylene
11.702	11.694	0.4000	Aroclor-1254
16.647	16.635	0.0400	Decachlorobiphenyl

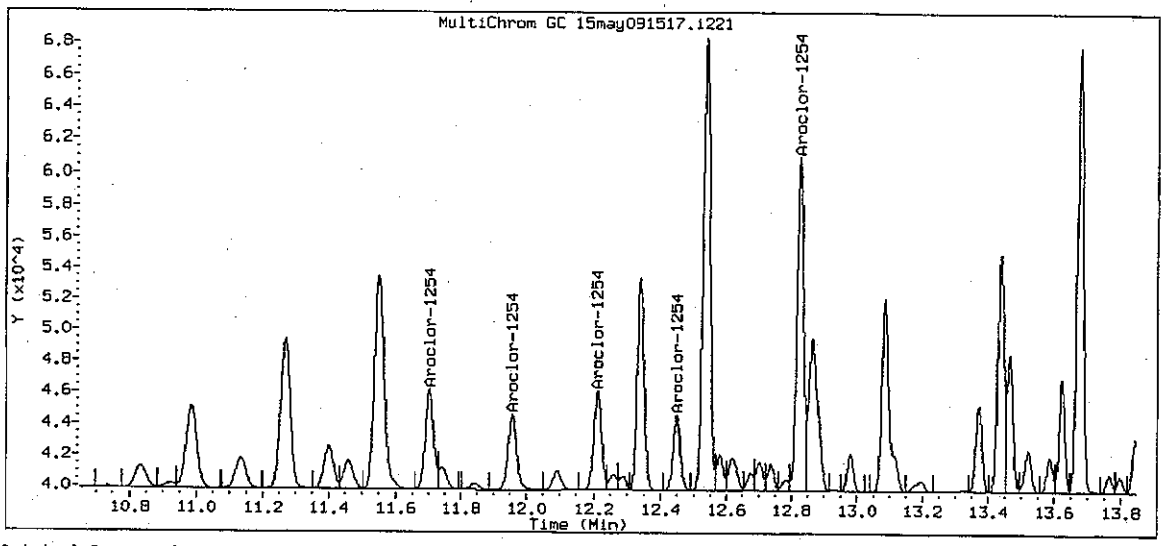
Reported: 05/21/2009 11:52 dpd 15may091517-r221.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 15may091517-r221.d
Client Sample ID: AR12543G2
Compound Name: Aroclor-1254

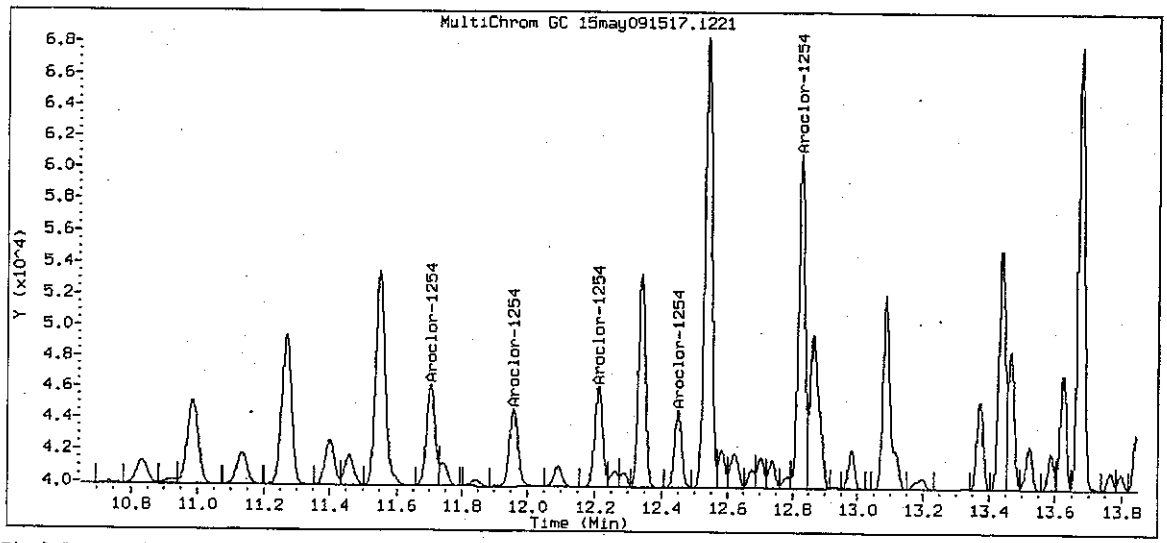
Inj. Date and Time: 16-MAY-2009 11:27
Instrument ID: 5253_2.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 11:52



Original Integration:

RT = 11.7018 Height = 6320
RT = 11.9567 Height = 4854
RT = 12.2116 Height = 6311
RT = 12.4510 Height = 4784
RT = 12.8256 Height = 21107



Final Integration:

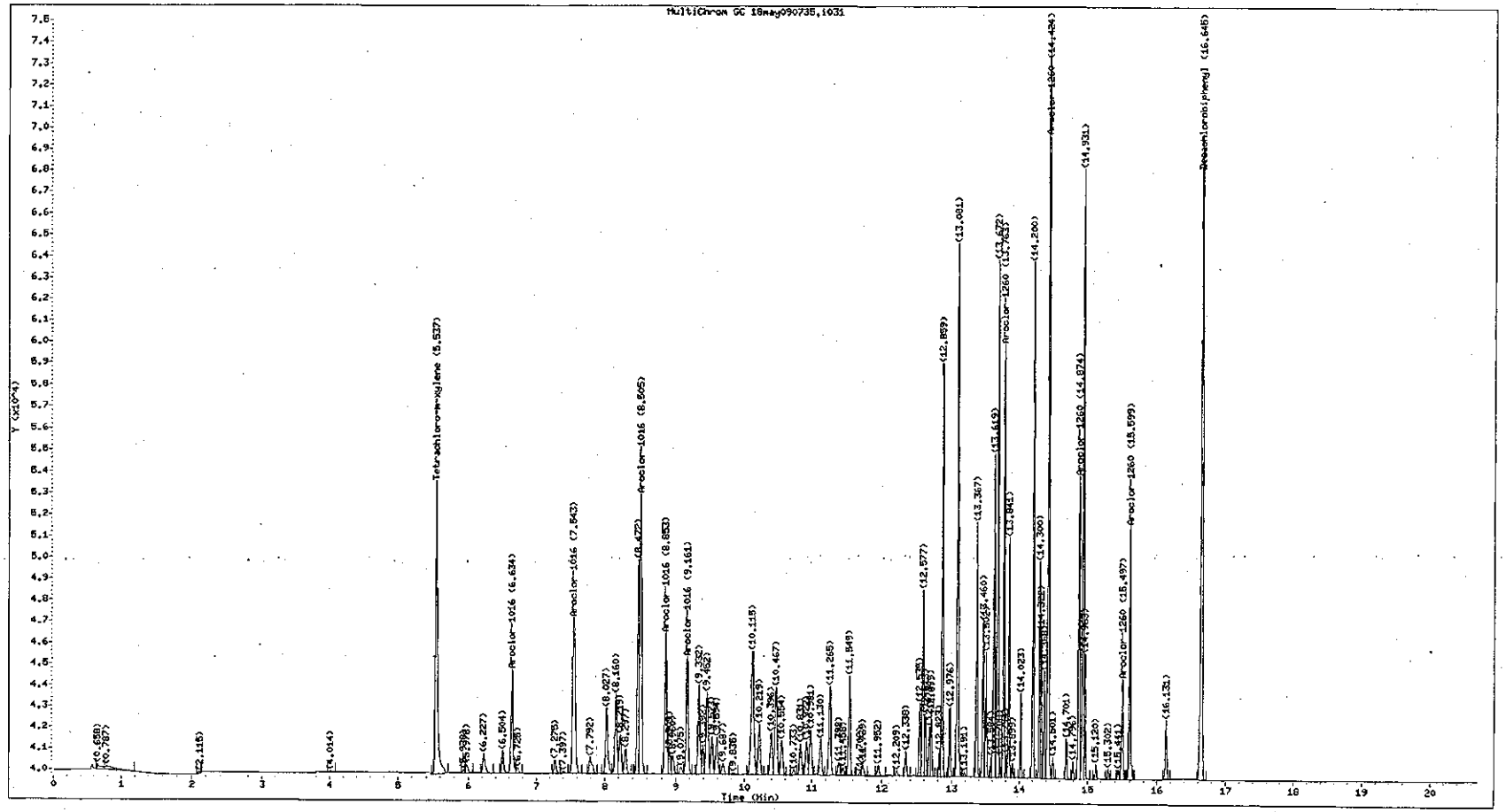
RT = 11.7018 Height = 6312
RT = 11.9567 Height = 4833
RT = 12.2116 Height = 6291
RT = 12.4510 Height = 4793
RT = 12.8256 Height = 21118

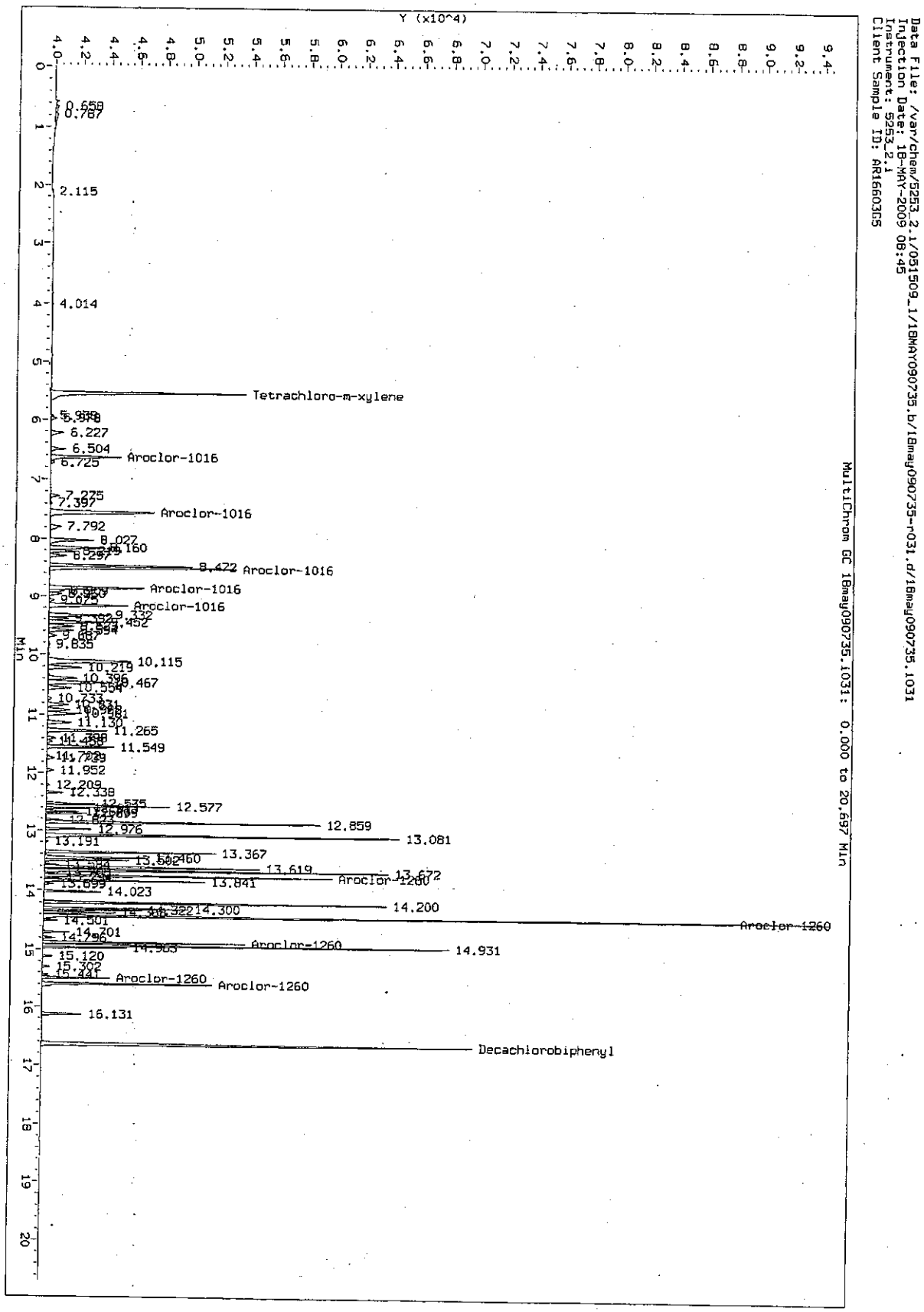
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G5	Client Sample ID: AR16603G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 08:45
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 18may090735-r031.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:01 dpd		




Data File: /var/chem/5253_2.i/051509_1/18MAY090735.b/18may090735-r031.d/18may090735.i031
Injection Date: 18-MAY-2009 08:45
Instrument: 5253_2.i
Client Sample ID: AR16603G5
MultiChrom GC 18may090735.i031: 0.000 to 20.697 Min
Y (x10^4)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G5 Client Sample ID: AR16603G5

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may090735-r031.d
Method : /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:01 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 08:45
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.658			987	274			
	2	0.787			1870	186			
	3	2.115			270	86			
	4	4.014			208	83			
$	5	5.537	5.530	0.007	30635	13738	0.02009706		Tetrachloro-m-xylene
	6	5.938			297	164			
	7	5.978			956	423			
	8	6.227			2416	931			
	9	6.504			2221	1066			
	10	6.634	6.628	0.007	10034	4924	0.39961045		Aroclor-1016
	11	6.725			635	287			
	12	7.275			1357	627			
	13	7.397			247	105			
	14	7.543	7.535	0.009	21287	7343	0.39227785		Aroclor-1016
	15	7.792			2342	783			
	16	8.027			7089	3099			
	17	8.160			7926	3770			
	18	8.219			4016	1869			
	19	8.297			2493	1194			
	20	8.472			17700	10068			
	21	8.505	8.496	0.009	27297	13134	0.39974434		Aroclor-1016
	22	8.853	8.846	0.007	14434	6653	0.39359295		Aroclor-1016
	23	8.909			2162	1063			
	24	8.960			1894	867			
	25	9.075			786	359			
	26	9.161	9.154	0.008	11931	5527	0.39926677		Aroclor-1016
	27	9.332			9193	4198			
	28	9.392			2942	1391			
	29	9.452			9320	3870			
	30	9.523			3943	1790			
	31	9.594			3980	1749			
	32	9.687			1222	532			
	33	9.835			252	86			
	34	10.115			16697	5820			
	35	10.219			5381	2360			
	36	10.396			4574	1998			
	37	10.467			9681	4129			
	38	10.554			3731	1619			
	39	10.733			531	244			
	40	10.831			3373	1460			
	41	10.922			3650	1593			
	42	10.981			4934	2106			
	43	11.130			3678	1678			
	44	11.265			8907	4182			
	45	11.398			1211	603			
	46	11.458			729	359			
	47	11.549			8944	4676			
	48	11.702			202	134			
	49	11.739			1044	512			
	50	11.952			960	497			
	51	12.209			502	241			
	52	12.338			1860	1170			
	53	12.535			5115	3431			
	54	12.577			13037	8738			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.613			4166	2914			
56	12.673			3195	2335			
57	12.699			4352	2849			
58	12.823			1445	1177			
59	12.859			27305	19255			
60	12.976			4470	3216			
61	13.081			33893	24832			
62	13.191			293	219			
63	13.367			15389	11931			
64	13.460			9990	7323			
65	13.502			7869	5885			
66	13.584			1119	970			
67	13.619			21177	15083			
68	13.672			30321	24103			
69	13.708			1219	1021			
70	13.763	13.754	0.009	24932	20182	0.37797989	M	Aroclor-1260
71	13.794			1197	1122			
72	13.841			14005	11256			
73	13.899			865	682			
74	14.023			4822	3966			
75	14.200			28445	24041			
76	14.300			12715	10161			
77	14.322			8276	6911			
78	14.368			6110	5034			
79	14.424	14.414	0.010	63791	55029	0.37215704	M	Aroclor-1260
80	14.501			1205	996			
81	14.701			2231	1874			
82	14.796			1012	842			
83	14.874	14.864	0.010	18160	14188	0.36002728	M	Aroclor-1260
84	14.931			33826	28400			
85	14.963			7202	5882			
86	15.120			960	705			
87	15.302			706	517			
88	15.441			638	459			
89	15.497	15.486	0.011	6789	4721	0.35132043	M	Aroclor-1260
90	15.599	15.590	0.009	17154	11875	0.35976944	M	Aroclor-1260
91	16.131			4399	2782			
$ 92	16.645	16.635	0.010	53751	30081	0.03537609		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.537	5.530	0.0200	Tetrachloro-m-xylene
6.634	6.628	0.4000	Aroclor-1016
13.763	13.754	0.4000	Aroclor-1260
16.645	16.635	0.0400	Decachlorobiphenyl

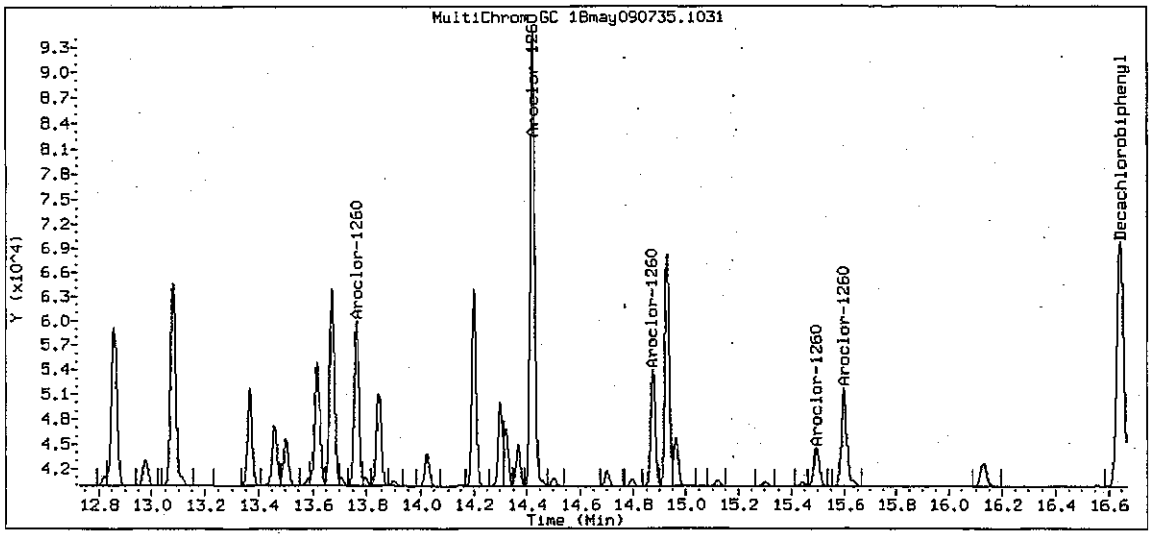
Reported: 05/21/2009 12:01 dpd 18may090735-r031.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 18may090735-r031.d
Client Sample ID: AR16603G5
Compound Name: Aroclor-1260

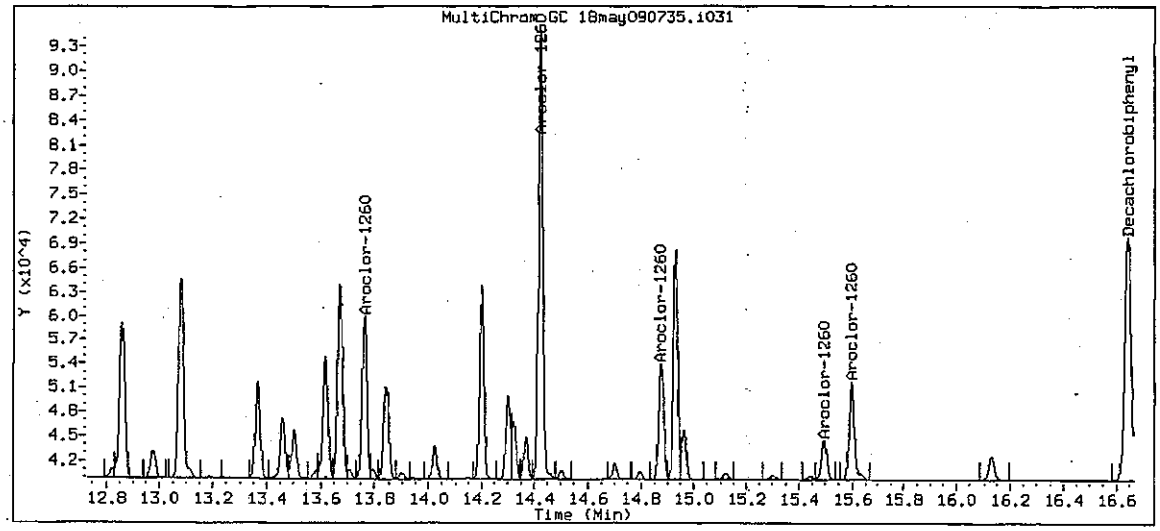
Inj. Date and Time: 18-MAY-2009 08:45
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:01



Original Integration:

RT = 13.7633 Height = 20157
RT = 14.4238 Height = 54994
RT = 14.8738 Height = 14161
RT = 15.4967 Height = 4710
RT = 15.5987 Height = 11866



Final Integration:

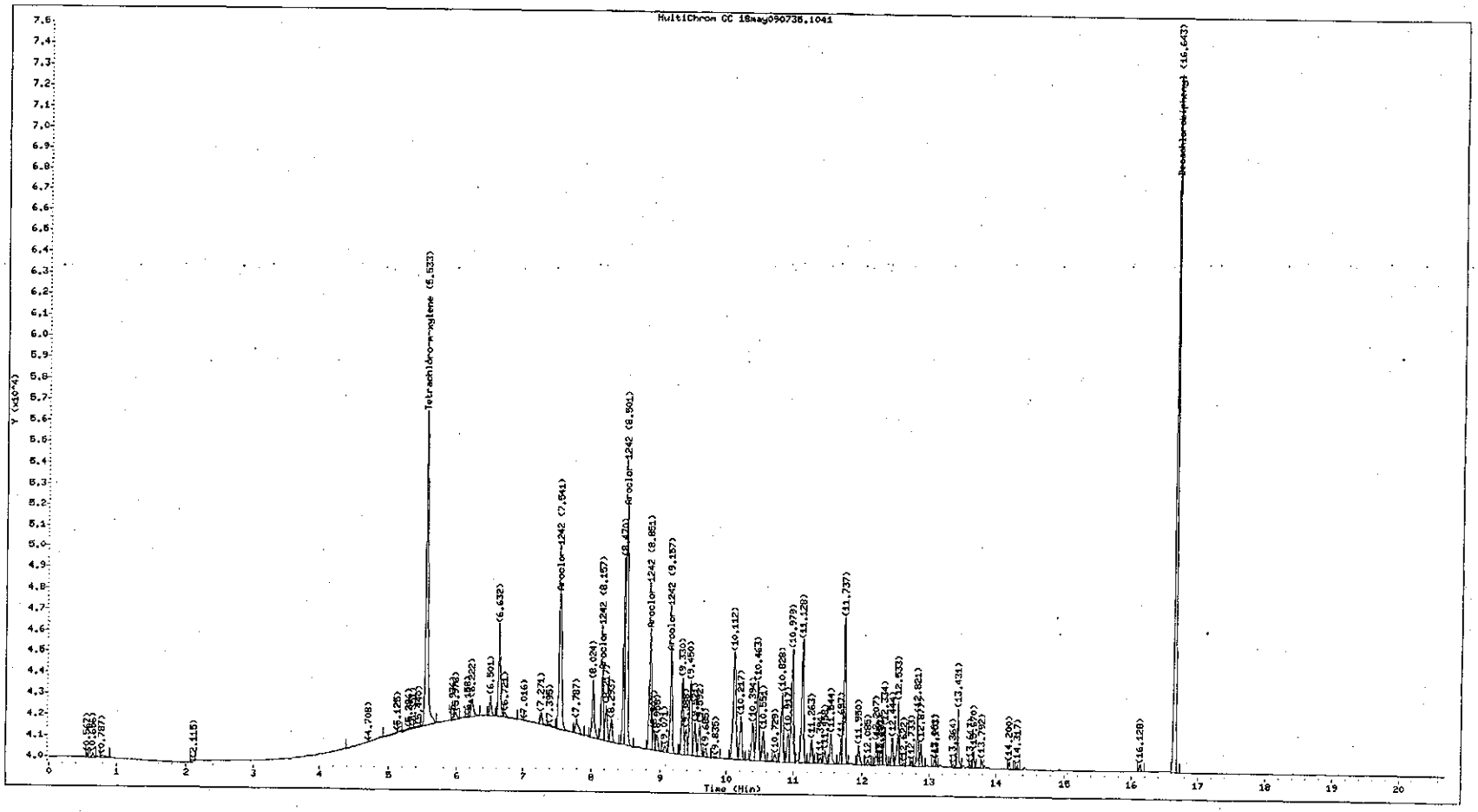
RT = 13.7633 Height = 20182
RT = 14.4238 Height = 55029
RT = 14.8738 Height = 14188
RT = 15.4967 Height = 4721
RT = 15.5987 Height = 11875

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G4	Client Sample ID: AR12423G4

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 09:09
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 18may090735-r041.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:01 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G4 Client Sample ID: AR12423G4

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may090735-r041.d
Method : /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:01 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 09:09
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.567			241	225			
	2	0.656			458	257			
	3	0.787			491	105			
	4	2.115			300	85			
	5	4.708			320	4			
	6	5.125			448	64			
	7	5.296			402	51			
	8	5.351			186	55			
	9	5.440			339	63			
$	10	5.533	5.530	0.003	33225	14942	0.02185837	M	Tetrachloro-m-xylene
	11	5.936			271	144			
	12	5.976			776	328			
	13	6.158			72	28			
	14	6.222			2232	824			
	15	6.501			1910	920			
	16	6.632			8832	4391			
	17	6.721			869	251			
	18	7.016			347	32			
	19	7.271			1252	542			
	20	7.395			395	110			
	21	7.541	7.543	-0.002	18838	6513	0.43168543	M	Aroclor-1242
	22	7.787			1919	663			
	23	8.024			6354	2704			
	24	8.157	8.161	-0.004	6922	3259	0.42632655	M	Aroclor-1242
	25	8.217			3543	1682			
	26	8.293			2222	1058			
	27	8.470			14981	8844			
	28	8.501	8.505	-0.004	24723	11385	0.43721198	M	Aroclor-1242
	29	8.851	8.855	-0.004	12704	5740	0.42868612	M	Aroclor-1242
	30	8.907			1911	945			
	31	8.958			1669	756			
	32	9.071			601	288			
	33	9.157	9.162	-0.005	10407	4782	0.43607017	M	Aroclor-1242
	34	9.330			7986	3592			
	35	9.388			2608	1213			
	36	9.450			8110	3486			
	37	9.521			3399	1539			
	38	9.592			3367	1514			
	39	9.685			960	430			
	40	9.835			213	73			
	41	10.112			14821	5034			
	42	10.217			4596	2035			
	43	10.394			3988	1750			
	44	10.463			8673	3702			
	45	10.551			3188	1409			
	46	10.729			802	358			
	47	10.828			7406	3249			
	48	10.917			3110	1374			
	49	10.979			12379	5326			
	50	11.128			12588	5821			
	51	11.263			2381	1112			
	52	11.394			586	301			
	53	11.458			1382	640			
	54	11.544			2881	1421			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	11.697			1780	1225			
	56	11.737			14257	6935			
	57	11.950			1835	917			
	58	12.085			421	249			
	59	12.207			2003	1114			
	60	12.258			287	199			
	61	12.283			441	264			
	62	12.334			2834	1809			
	63	12.444			2052	1319			
	64	12.533			5379	3002			
	65	12.622			261	162			
	66	12.733			414	282			
	67	12.821			3847	2488			
	68	12.877			1839	1088			
	69	13.081			483	352			
	70	13.103			450	332			
	71	13.364			230	170			
	72	13.431			3954	2763			
	73	13.617			244	201			
	74	13.670			1084	829			
	75	13.792			533	416			
	76	14.200			436	356			
	77	14.317			294	234			
	78	16.128			571	348			
$	79	16.643	16.635	0.007	57639	33125	0.03895592		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

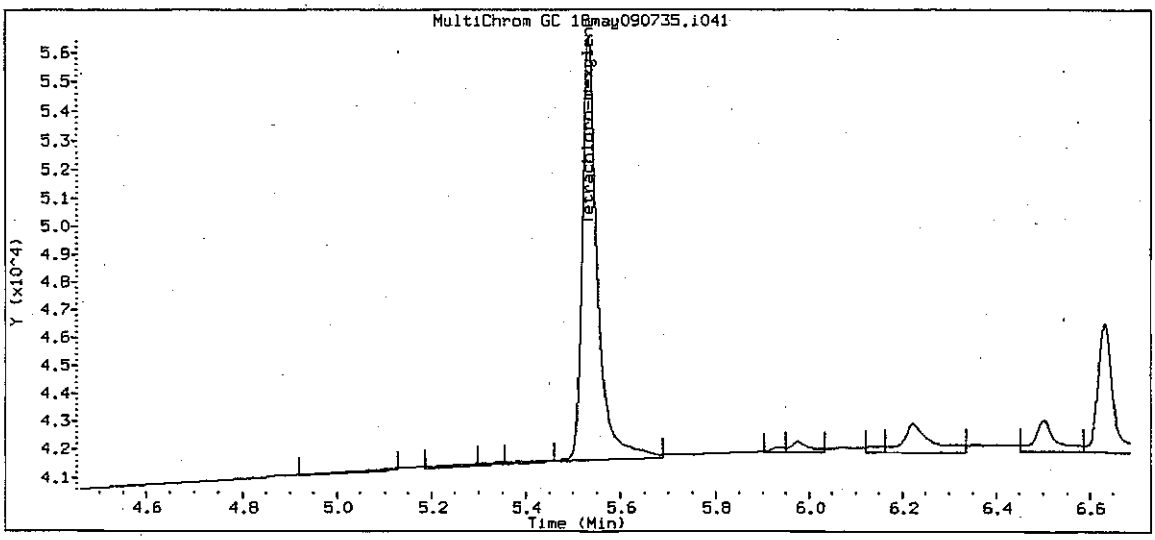
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
7.541	7.543	0.4000	Aroclor-1242
16.643	16.635	0.0400	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 18may090735-r041.d
Client Sample ID: AR12423G4
Compound Name: Tetrachloro-m-xylene

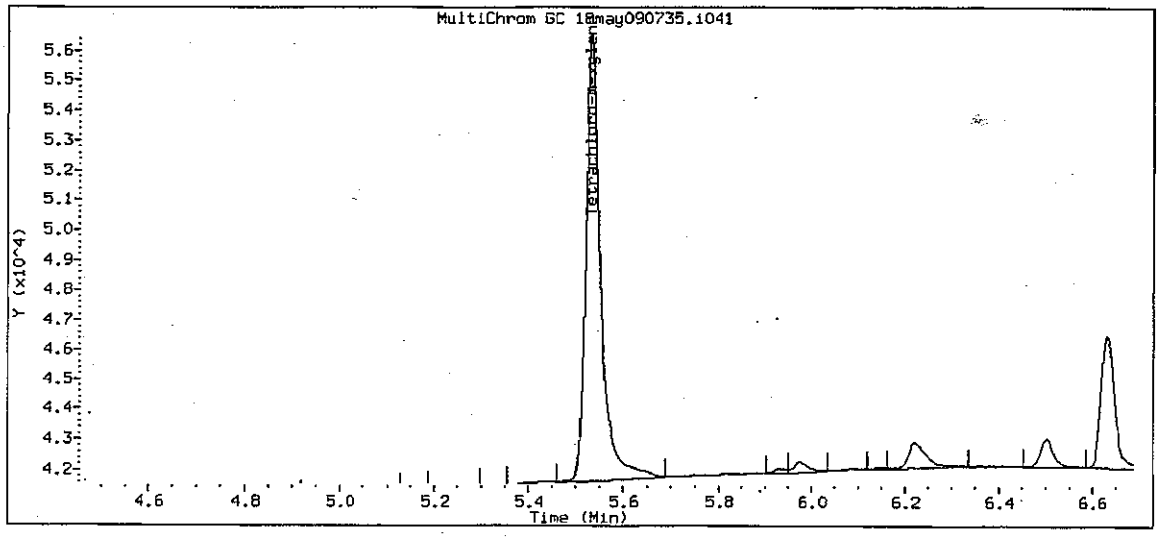
Inj. Date and Time: 18-MAY-2009 09:09
Instrument ID: 5253_2.i
CAS #: 877-09-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:01



Original Integration:

RT = 5.5328 Height = 14985



Final Integration:

RT = 5.5328 Height = 14942

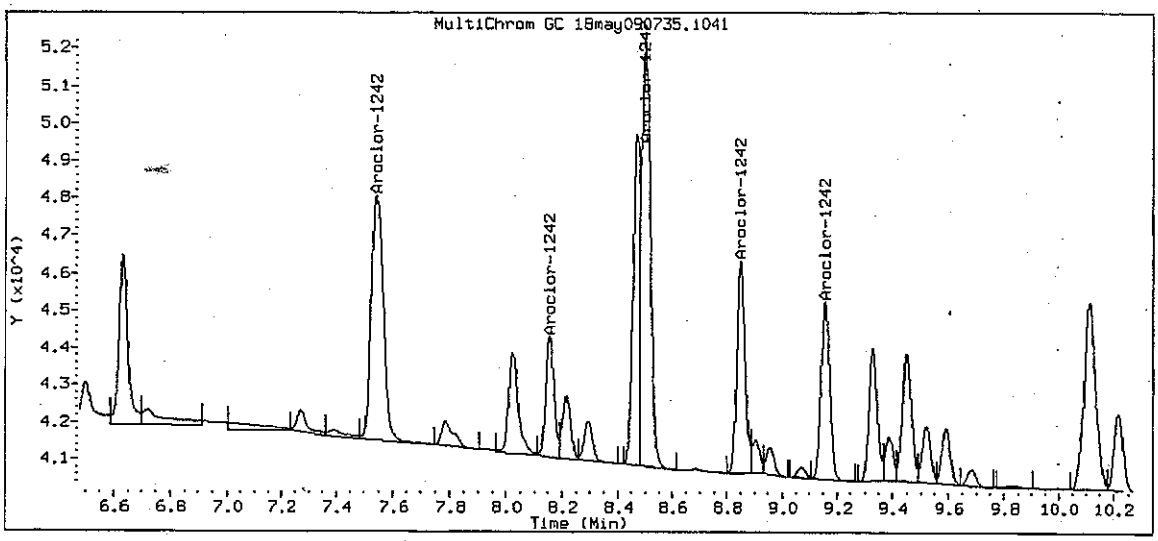
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may090735-r041.d
Client Sample ID: AR12423G4
Compound Name: Aroclor-1242

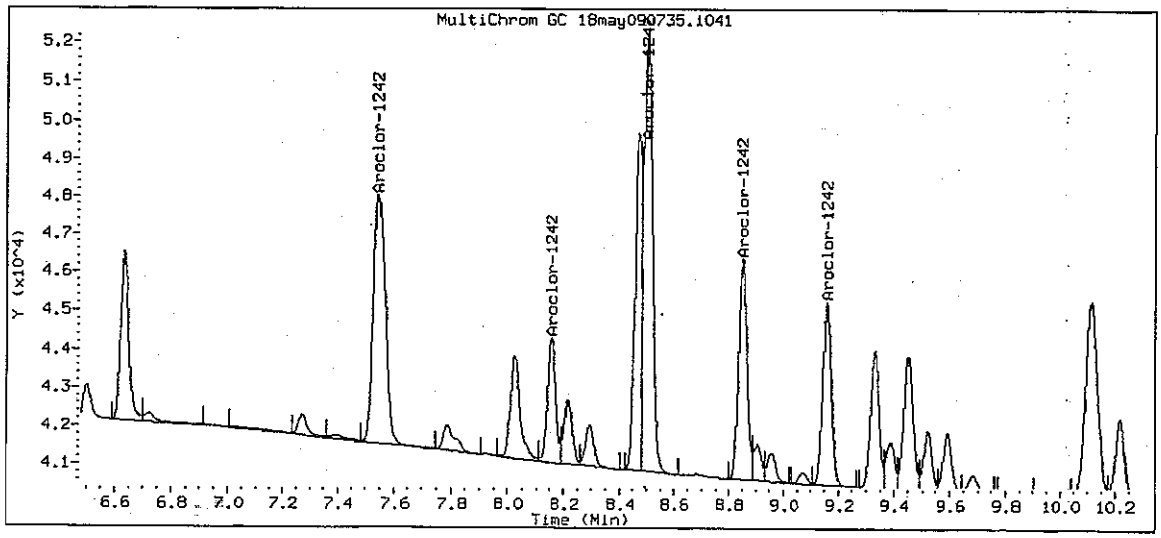
Inj. Date and Time: 18-MAY-2009 09:09
Instrument ID: 5253_2.i
CAS #: 53469-21-9

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:01



Original Integration:

RT = 7.5411 Height = 6552
RT = 8.1573 Height = 3251
RT = 8.5009 Height = 11385
RT = 8.8512 Height = 5716
RT = 9.1570 Height = 4770



Final Integration:

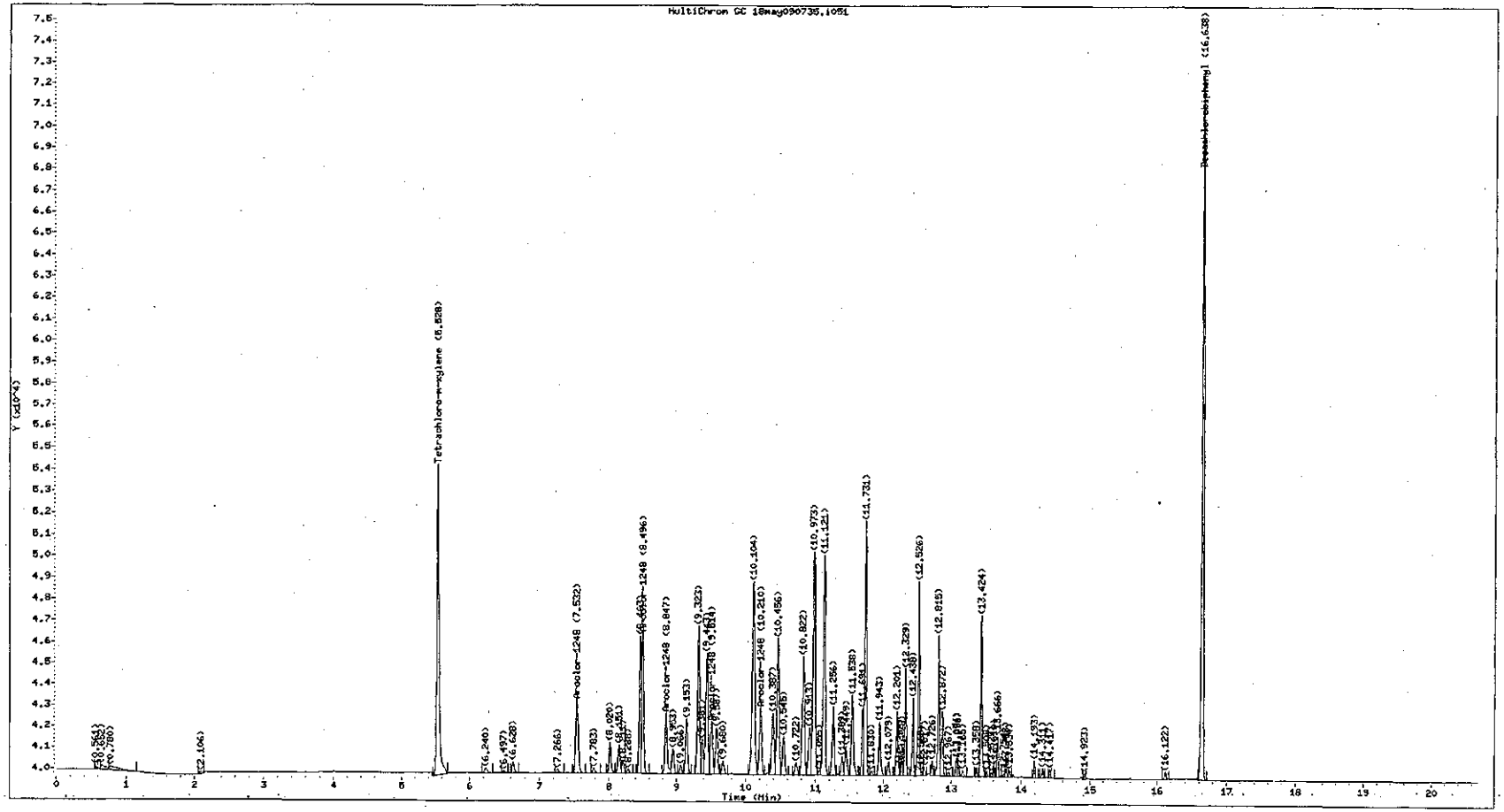
RT = 7.5411 Height = 6513
RT = 8.1573 Height = 3259
RT = 8.5009 Height = 11385
RT = 8.8512 Height = 5740
RT = 9.1570 Height = 4782

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G4	Client Sample ID: AR12483G4

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 09:33
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 18may090735-r051.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:02 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G4 Client Sample ID: AR12483G4

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may090735-r051.d
Method : /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:02 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 09:33
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.561			214	196			
	2	0.652			978	249			
	3	0.780			1617	162			
	4	2.106			419	105			
$	5	5.528	5.530	-0.001	33792	14520	0.02124104		Tetrachloro-m-xylene
	6	6.240			727	246			
	7	6.497			218	94			
	8	6.628			1220	559			
	9	7.266			401	187			
	10	7.532	7.532	0.001	9372	3492	0.40500457		Aroclor-1248
	11	7.783			544	230			
	12	8.020			3212	1463			
	13	8.151			2884	1348			
	14	8.211			1340	628			
	15	8.288			464	214			
	16	8.463			12069	6479			
	17	8.496	8.493	0.004	13763	6633	0.40590220		Aroclor-1248
	18	8.847	8.843	0.004	6834	2906	0.40024103		Aroclor-1248
	19	8.953			2652	1152			
	20	9.066			919	421			
	21	9.153			5643	2580			
	22	9.323			15337	6961			
	23	9.381			3367	1618			
	24	9.443			13196	5706			
	25	9.514	9.512	0.002	5533	2470	0.41254332		Aroclor-1248
	26	9.587			4873	2154			
	27	9.680			1424	615			
	28	10.104			22436	9046			
	29	10.210	10.211	-0.001	7133	3156	0.41755697		Aroclor-1248
	30	10.387			6804	2903			
	31	10.456			14846	6424			
	32	10.545			4135	1773			
	33	10.722			1370	589			
	34	10.822			12881	5589			
	35	10.913			4964	2216			
	36	10.973			24033	10445			
	37	11.055			363	191			
	38	11.121			22194	10273			
	39	11.256			6922	3211			
	40	11.389			1696	850			
	41	11.449			2775	1345			
	42	11.538			7967	3768			
	43	11.691			4994	3131			
	44	11.731			24076	11872			
	45	11.830			418	234			
	46	11.943			5078	2504			
	47	12.079			1121	665			
	48	12.201			5512	3035			
	49	12.252			702	487			
	50	12.278			1019	651			
	51	12.329			7829	5027			
	52	12.438			5537	3642			
	53	12.526			14529	9090			
	54	12.569			248	197			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.617			721	416			
	56	12.726			1077	706			
	57	12.815			10006	6610			
	58	12.872			5177	3044			
	59	12.967			269	194			
	60	13.074			1128	838			
	61	13.096			1160	833			
	62	13.165			490	282			
	63	13.358			611	451			
	64	13.424			10905	7574			
	65	13.508			384	274			
	66	13.575			257	210			
	67	13.610			683	529			
	68	13.666			2456	1921			
	69	13.754			209	158			
	70	13.788			504	394			
	71	13.834			442	339			
	72	14.193			1015	818			
	73	14.311			633	449			
	74	14.417			613	447			
	75	14.923			335	278			
	76	16.122			605	354			
$	77	16.638	16.635	0.003	56737	32927	0.03872307		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

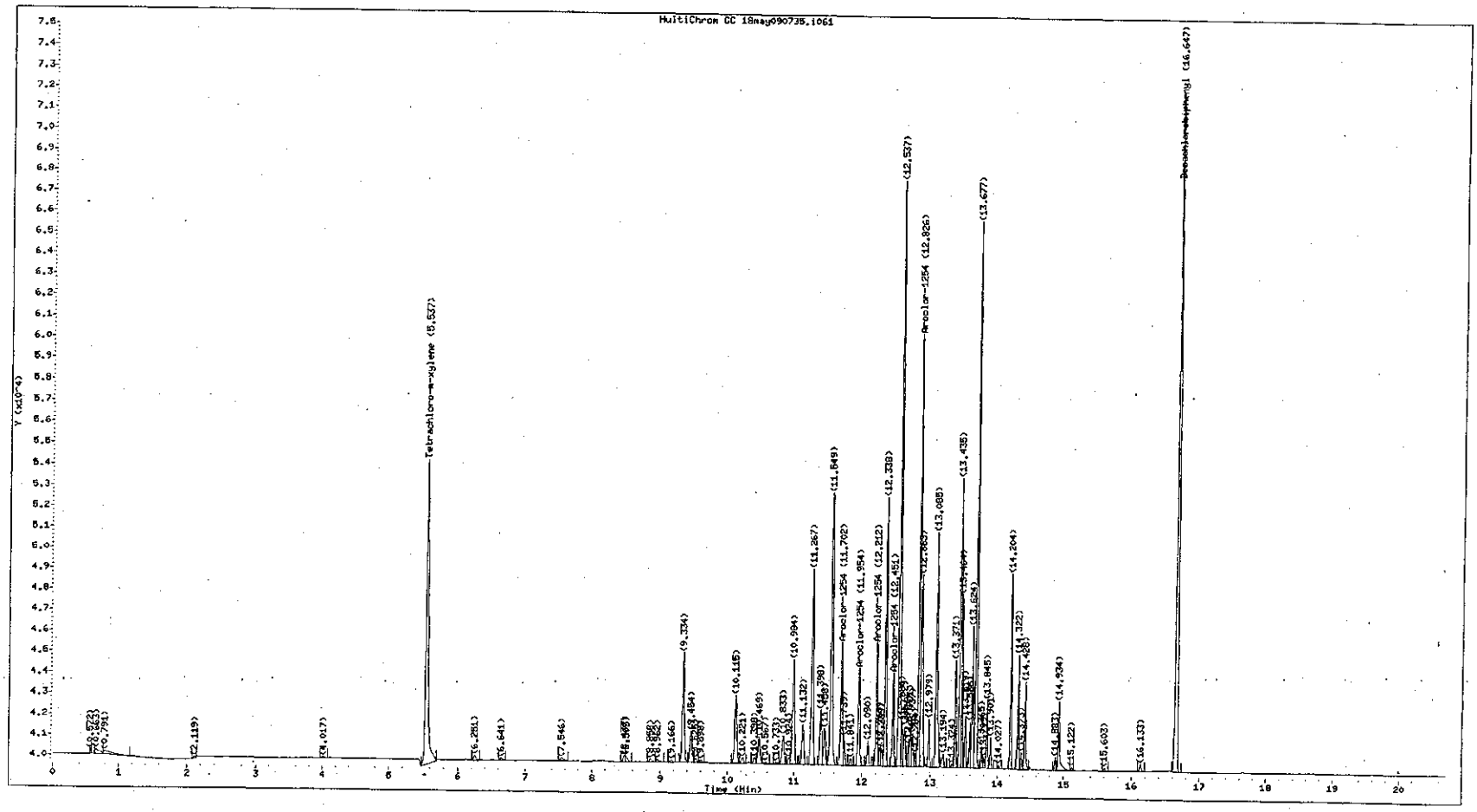
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.528	5.530	0.0200	Tetrachloro-m-xylene
7.532	7.532	0.4000	Aroclor-1248
16.638	16.635	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G4	Client Sample ID: AR12543G4

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: JLB	Injection Date	: 18-MAY-2009 09:57
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 18may090735-r061.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:02 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G4 Client Sample ID: AR12543G4

Matrix : WATER
Analyst : JLB
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may090735-r061.d
Method : /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:02 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 09:57
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.572			218	215			
	2	0.663			1006	256			
	3	0.791			1542	159			
	4	2.119			307	92			
	5	4.017			208	79			
$	6	5.537	5.530	0.007	34686	14658	0.02144291		Tetrachloro-m-xylene
	7	6.251			650	247			
	8	6.641			335	130			
	9	7.546			551	168			
	10	8.477			576	296			
	11	8.505			589	263			
	12	8.858			399	146			
	13	8.962			321	133			
	14	9.166			245	111			
	15	9.334			11686	5266			
	16	9.454			3373	1504			
	17	9.525			482	214			
	18	9.598			328	134			
	19	10.115			7322	3251			
	20	10.221			625	279			
	21	10.398			673	293			
	22	10.469			3007	1269			
	23	10.567			245	84			
	24	10.733			210	94			
	25	10.833			3230	1373			
	26	10.924			614	289			
	27	10.984			11653	4999			
	28	11.132			4165	1917			
	29	11.267			19491	9376			
	30	11.398			5365	2628			
	31	11.458			3501	1744			
	32	11.549			25484	13072			
	33	11.702	11.694	0.008	11335	5918	0.40322278		Aroclor-1254
	34	11.739			2213	1376			
	35	11.841			608	342			
	36	11.954	11.947	0.007	8574	4683	0.40666486		Aroclor-1254
	37	12.090			1984	1175			
	38	12.212	12.203	0.009	9916	5914	0.40005073		Aroclor-1254
	39	12.260			1437	903			
	40	12.289			1285	856			
	41	12.338			19901	12924			
	42	12.451	12.442	0.009	6972	4501	0.39503681		Aroclor-1254
	43	12.537			40469	27941			
	44	12.580			3119	2178			
	45	12.622			3684	1939			
	46	12.675			1392	1034			
	47	12.701			2621	1724			
	48	12.737			2200	1590			
	49	12.784			896	641			
	50	12.826	12.816	0.009	28268	20626	0.42521369		Aroclor-1254
	51	12.863			17719	9211			
	52	12.979			3114	2299			
	53	13.085			18473	11303			
	54	13.194			1287	629			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.324			247	175			
	56	13.371			6705	5123			
	57	13.435			18470	13888			
	58	13.464			9970	8297			
	59	13.519			3562	2480			
	60	13.586			2728	2220			
	61	13.624			8843	6763			
	62	13.677			33287	26029			
	63	13.765			1336	1059			
	64	13.799			671	523			
	65	13.845			4051	3245			
	66	13.901			1840	1491			
	67	14.027			235	191			
	68	14.204			11400	9337			
	69	14.322			7560	5453			
	70	14.373			971	811			
	71	14.428			5672	4178			
	72	14.883			832	649			
	73	14.934			5391	3301			
	74	15.122			238	176			
	75	15.603			209	149			
	76	16.133			624	360			
$	77	16.647	16.635	0.012	56955	32023	0.03765994		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

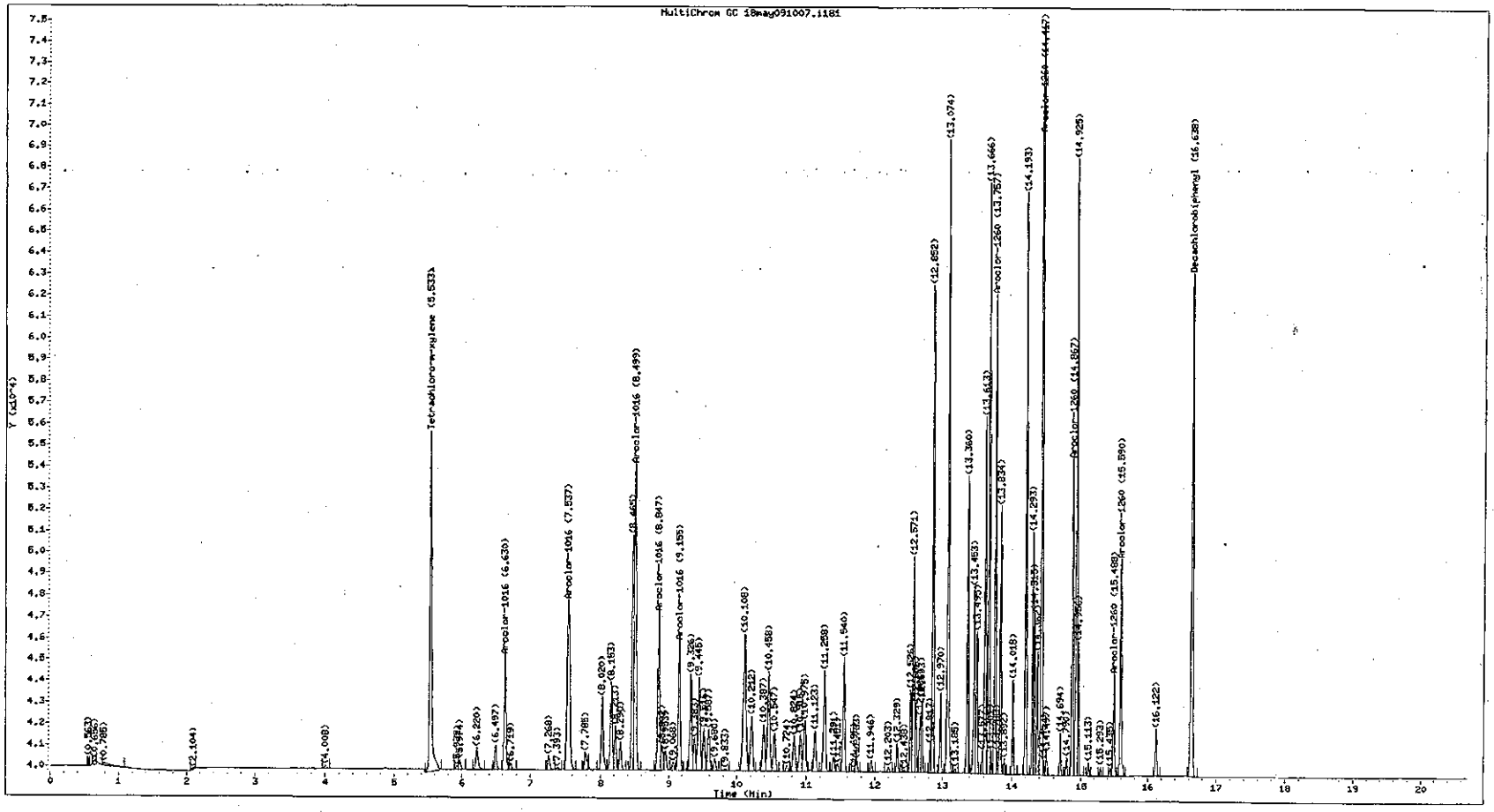
Target Compounds

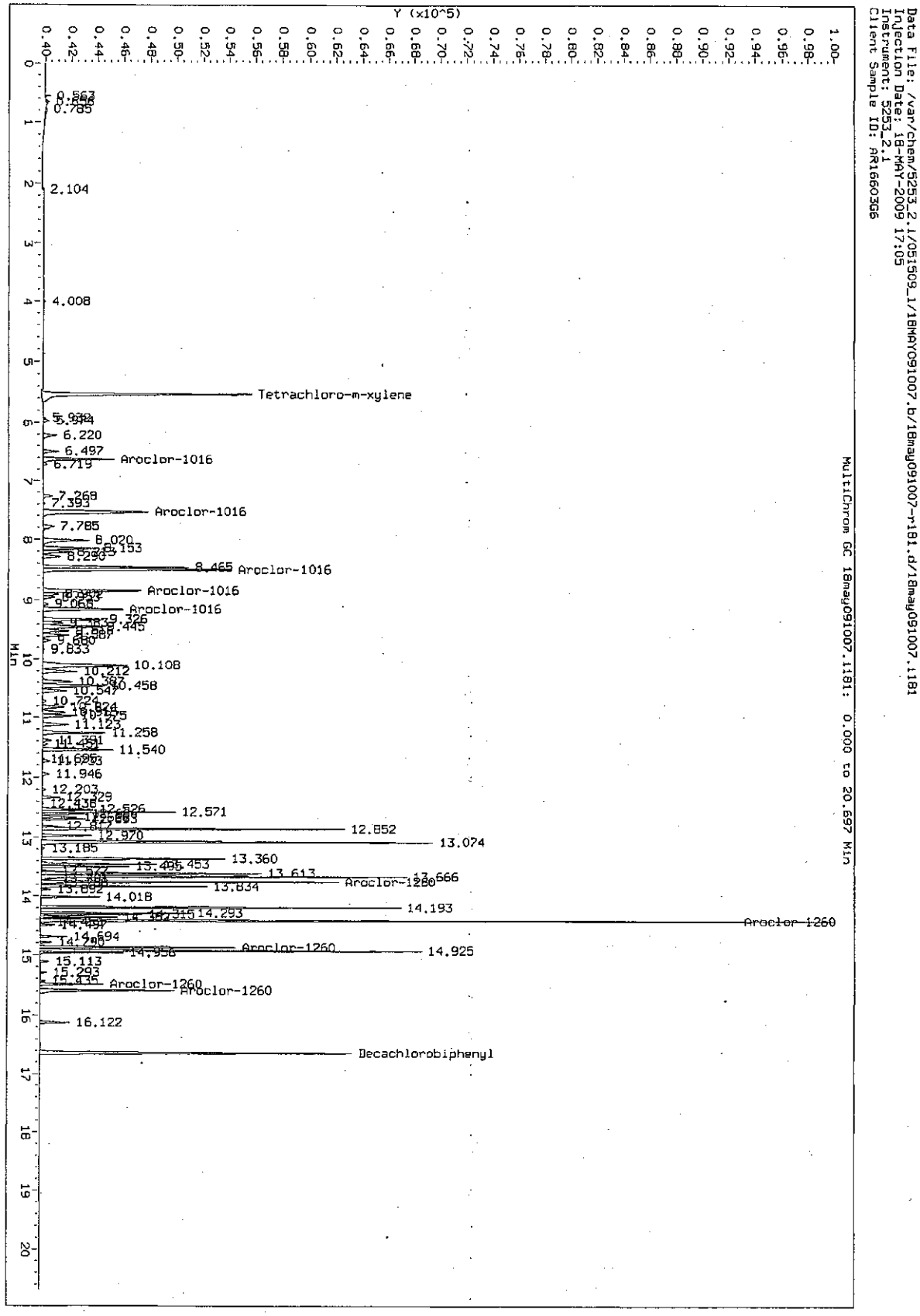
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.537	5.530	0.0200	Tetrachloro-m-xylene
11.702	11.694	0.4000	Aroclor-1254
16.647	16.635	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR16603G6	Client Sample ID: AR16603G6

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 17:05
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1660STD
Data File	: 18may091007-r181.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		




Data File: /var/chem/5253_2.1/051509_1/18MAY091007.b/18may091007-r181.d/18may091007.1181
Injection Date: 18-MAY-2009 17:05
Instrument: 5253_2.1
Client Sample ID: AR166030G6
MultiChrom GC 18may091007.1181: 0.000 to 20.697 Min
Y (x10^5)
Min
Tetrachloro-m-xylene
Aroclor-1016
Aroclor-1260
Decachlorobiphenyl

TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR16603G6 Client Sample ID: AR16603G6

Matrix : WATER
Analyst : DPD
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may091007-r181.d
Method : /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:08 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 17:05
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1660STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.563			266	425			
	2	0.656			440	279			
	3	0.785			915	124			
	4	2.104			257	77			
	5	4.008			321	151			
$	6	5.533	5.530	0.003	32784	15895	0.02325250		Tetrachloro-m-xylene
	7	5.932			329	188			
	8	5.974			982	463			
	9	6.220			2505	1034			
	10	6.497			2286	1175			
	11	6.630	6.628	0.002	10442	5371	0.43588703		Aroclor-1016
	12	6.719			651	311			
	13	7.268			1385	681			
	14	7.393			232	114			
	15	7.537	7.535	0.002	22459	7937	0.42401052		Aroclor-1016
	16	7.785			2102	821			
	17	8.020			7378	3409			
	18	8.153			8343	4086			
	19	8.213			4218	2066			
	20	8.290			2636	1319			
	21	8.465			19532	10984			
	22	8.499	8.496	0.003	29245	14279	0.43459338		Aroclor-1016
	23	8.847	8.846	0.000	15504	7383	0.43677991		Aroclor-1016
	24	8.902			2393	1167			
	25	8.953			1994	923			
	26	9.068			829	388			
	27	9.155	9.154	0.001	12903	6052	0.43719242		Aroclor-1016
	28	9.326			9979	4520			
	29	9.383			3131	1519			
	30	9.445			10127	4337			
	31	9.516			4281	1971			
	32	9.587			4283	1946			
	33	9.680			1279	575			
	34	9.833			269	97			
	35	10.108			18342	6398			
	36	10.212			5914	2600			
	37	10.387			5075	2193			
	38	10.458			10732	4643			
	39	10.547			4111	1796			
	40	10.724			616	275			
	41	10.824			3823	1651			
	42	10.915			4043	1735			
	43	10.975			5514	2402			
	44	11.123			4151	1921			
	45	11.258			9789	4705			
	46	11.391			1356	686			
	47	11.451			805	399			
	48	11.540			10055	5301			
	49	11.695			208	134			
	50	11.733			1148	566			
	51	11.946			1018	543			
	52	12.203			490	246			
	53	12.329			2026	1327			
	54	12.438			232	115			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	12.526			5750	3846			
56	12.571			14878	10025			
57	12.606			4636	3245			
58	12.666			3607	2637			
59	12.693			4928	3217			
60	12.817			1651	1336			
61	12.852			31326	22725			
62	12.970			5198	3727			
63	13.074			40231	29544			
64	13.185			370	250			
65	13.360			18045	13870			
66	13.453			11537	8664			
67	13.495			9034	6609			
68	13.577			1191	1065			
69	13.613			23796	16620			
70	13.666			34196	27554			
71	13.701			1301	1103			
72	13.757	13.754	0.003	26840	22336	0.41832122	M	Aroclor-1260
73	13.788			1159	1085			
74	13.834			15061	12485			
75	13.892			925	736			
76	14.018			5299	4385			
77	14.193			32059	27124			
78	14.293			14105	11299			
79	14.315			9073	7639			
80	14.362			6764	5756			
81	14.417	14.414	0.003	68774	60279	0.40766239	M	Aroclor-1260
82	14.453			678	733			
83	14.497			1256	1065			
84	14.694			2395	2016			
85	14.790			1058	875			
86	14.867	14.864	0.003	18961	14758	0.37449130	M	Aroclor-1260
87	14.925			35443	28774			
88	14.956			7360	6235			
89	15.113			882	661			
90	15.293			653	483			
91	15.435			578	413			
92	15.488	15.486	0.002	6616	4759	0.35414826	M	Aroclor-1260
93	15.590	15.590	0.000	15094	10079	0.30535716	M	Aroclor-1260
94	16.122			3600	2213			
$ 95	16.638	16.635	0.003	40500	23404	0.02752376		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
6.630	6.628	0.4000	Aroclor-1016
13.757	13.754	0.4000	Aroclor-1260
16.638	16.635	0.0400	Decachlorobiphenyl*

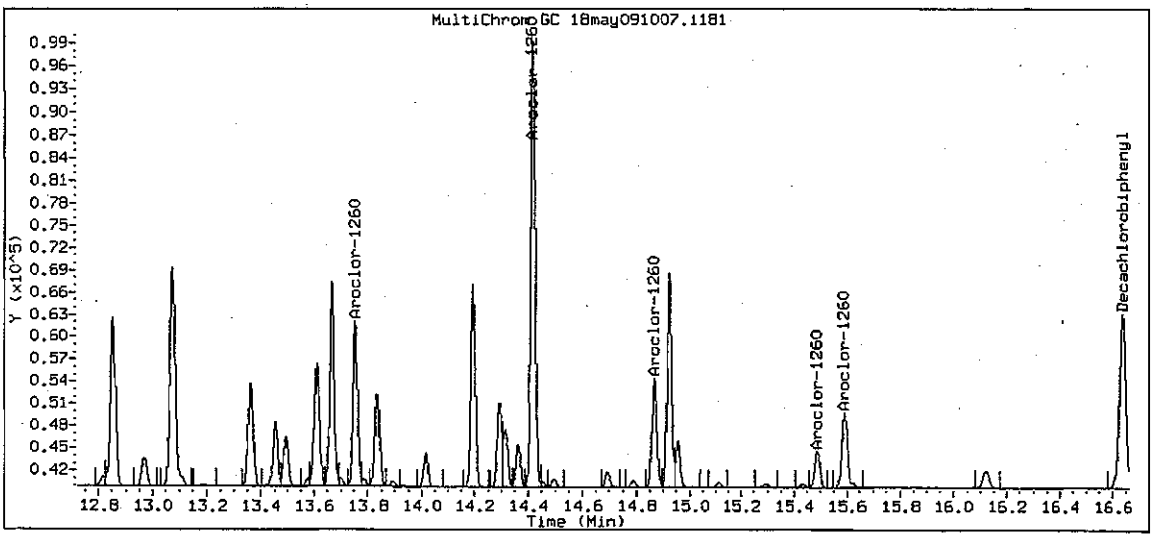
Reported: 05/21/2009 12:08 dpd 18may091007-r181.d Page 2

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r181.d
Client Sample ID: AR16603G6
Compound Name: Aroclor-1260

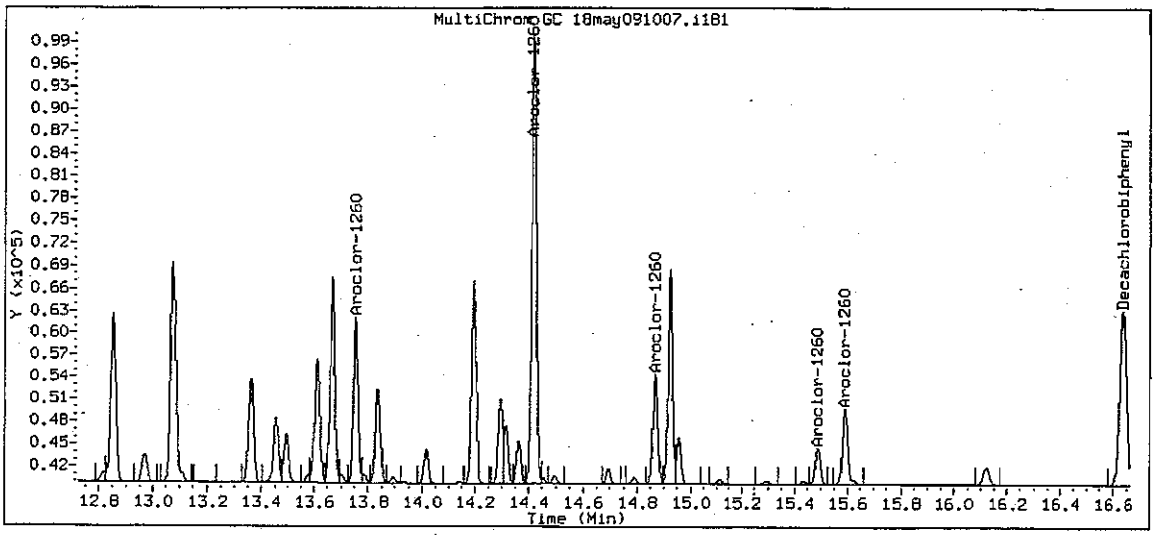
Inj. Date and Time: 18-MAY-2009 17:05
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:09



Original Integration:

RT = 13.7566 Height = 22314
RT = 14.4172 Height = 60238
RT = 14.8672 Height = 14731
RT = 15.4878 Height = 4753
RT = 15.5898 Height = 10074



Final Integration:

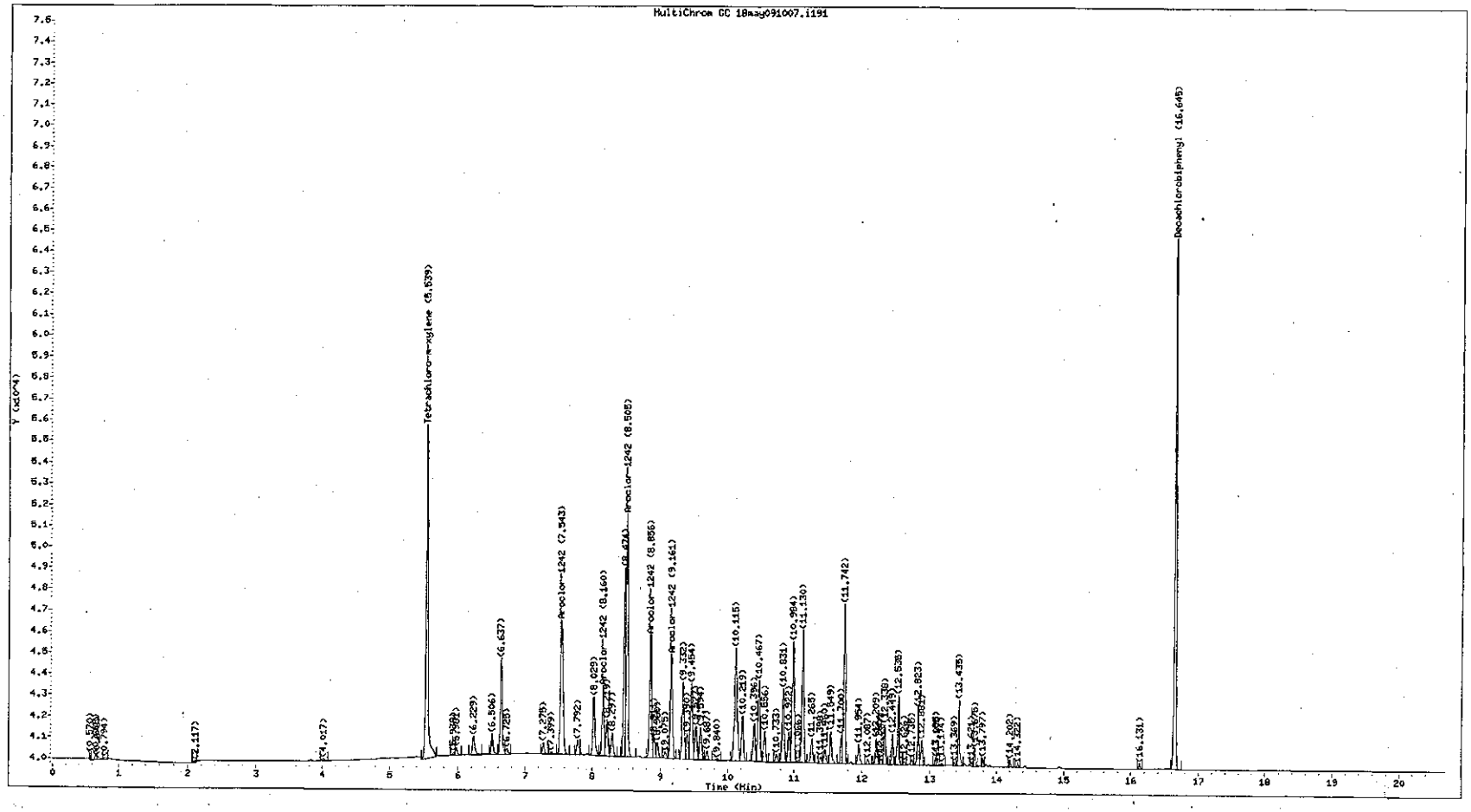
RT = 13.7566 Height = 22336
RT = 14.4172 Height = 60279
RT = 14.8672 Height = 14758
RT = 15.4878 Height = 4759
RT = 15.5898 Height = 10079

Manual Integration Reason: M11 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12423G5	Client Sample ID: AR12423G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 17:29
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1242STD
Data File	: 18may091007-r191.d		
Method	: ./var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:09 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12423G5 Client Sample ID: AR12423G5

Matrix : WATER
Analyst : DPD
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may091007-r191.d
Method : /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:09 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 17:29
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1242STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.570			262	335			
	2	0.663			474	295			
	3	0.678			466	151			
	4	0.794			296	89			
	5	2.117			263	82			
	6	4.017			232	108			
$	7	5.539	5.530	0.010	32312	15732	0.02301405		Tetrachloro-m-xylene
	8	5.938			228	137			
	9	5.981			727	345			
	10	6.229			2295	866			
	11	6.506			2055	987			
	12	6.637			8683	4499			
	13	6.725			695	278			
	14	7.275			1155	556			
	15	7.399			243	95			
	16	7.543	7.543	0.001	18075	6298	0.41743511		Aroclor-1242
	17	7.792			1627	668			
	18	8.029			6049	2729			
	19	8.160	8.161	-0.002	6795	3289	0.43025100		Aroclor-1242
	20	8.219			3510	1701			
	21	8.297			2211	1094			
	22	8.474			15227	8843			
	23	8.505	8.505	0.000	23917	11431	0.43897849		Aroclor-1242
	24	8.856	8.855	0.001	12476	5789	0.43234564		Aroclor-1242
	25	8.911			1825	928			
	26	8.960			1576	744			
	27	9.075			627	305			
	28	9.161	9.162	-0.001	10231	4878	0.44482440		Aroclor-1242
	29	9.332			7866	3601			
	30	9.390			2569	1218			
	31	9.454			8154	3560			
	32	9.523			3439	1585			
	33	9.594			3411	1548			
	34	9.687			992	448			
	35	9.840			231	77			
	36	10.115			15017	5300			
	37	10.219			4705	2133			
	38	10.396			4022	1802			
	39	10.467			8791	3798			
	40	10.556			3230	1437			
	41	10.733			837	378			
	42	10.831			7706	3434			
	43	10.922			3110	1420			
	44	10.984			12801	5652			
	45	11.066			218	121			
	46	11.130			13225	6204			
	47	11.265			2455	1147			
	48	11.398			643	324			
	49	11.460			1471	675			
	50	11.549			3102	1524			
	51	11.700			1913	1351			
	52	11.742			14961	7482			
	53	11.954			1932	940			
	54	12.087			450	264			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.209			2184	1230			
	56	12.260			282	214			
	57	12.287			498	295			
	58	12.338			2998	1910			
	59	12.449			2226	1429			
	60	12.535			5816	3233			
	61	12.626			289	177			
	62	12.735			467	315			
	63	12.823			4231	2690			
	64	12.881			1996	1172			
	65	13.085			543	389			
	66	13.105			478	373			
	67	13.174			201	122			
	68	13.369			255	193			
	69	13.435			4435	3092			
	70	13.621			268	212			
	71	13.675			1171	877			
	72	13.797			502	418			
	73	14.202			451	365			
	74	14.322			301	242			
	75	16.131			423	276			
$	76	16.645	16.635	0.010	43361	24936	0.02932543		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

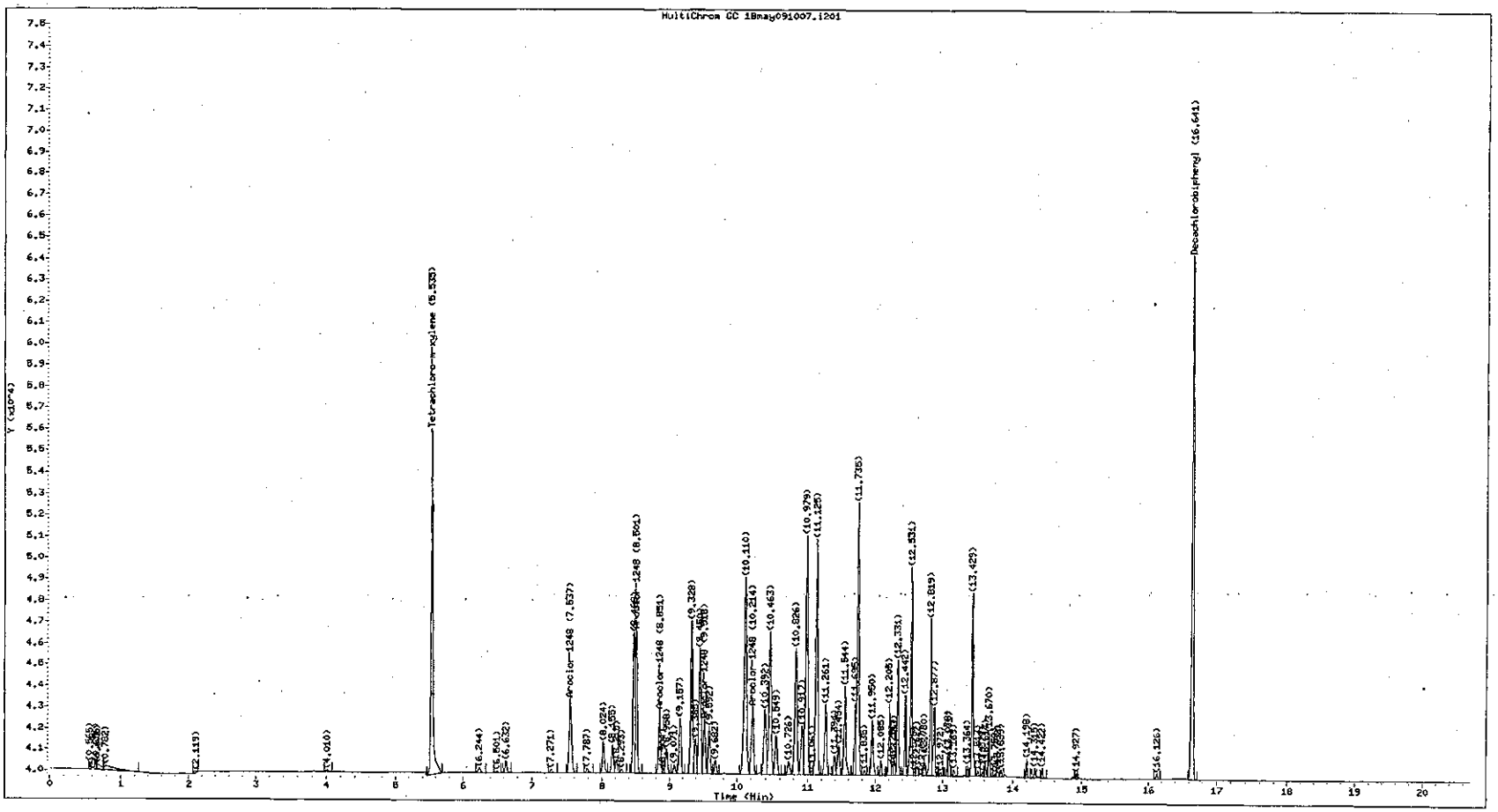
Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.539	5.530	0.0200	Tetrachloro-m-xylene
7.543	7.543	0.4000	Aroclor-1242
16.645	16.635	0.0400	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12483G5	Client Sample ID: AR12483G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 17:53
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1248STD
Data File	: 18may091007-r201.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:09 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12483G5 Client Sample ID: AR12483G5

Matrix : WATER
Analyst : DPD
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may091007-r201.d
Method : /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:09 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 17:53
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1248STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.565			337	339			
	2	0.656			497	321			
	3	0.672			983	245			
	4	0.782			2147	192			
	5	2.119			318	75			
	6	4.010			214	98			
$	7	5.535	5.530	0.005	32889	16232	0.02374549		Tetrachloro-m-xylene
	8	6.244			693	253			
	9	6.501			205	97			
	10	6.632			1154	573			
	11	7.271			376	187			
	12	7.537	7.532	0.005	9116	3540	0.41057164		Aroclor-1248
	13	7.787			530	232			
	14	8.024			3152	1497			
	15	8.155			2843	1349			
	16	8.215			1338	639			
	17	8.293			444	218			
	18	8.468			12126	6653			
	19	8.501	8.493	0.008	13787	6784	0.41514254		Aroclor-1248
	20	8.851	8.843	0.008	6423	3020	0.41594215		Aroclor-1248
	21	8.904			363	230			
	22	8.958			2618	1172			
	23	9.071			929	431			
	24	9.157			5674	2641			
	25	9.328			15627	7204			
	26	9.385			3367	1664			
	27	9.450			13451	5902			
	28	9.518	9.512	0.006	5660	2605	0.43509124		Aroclor-1248
	29	9.592			4960	2265			
	30	9.682			1432	634			
	31	10.110			22963	9214			
	32	10.214	10.211	0.003	7319	3207	0.42430457		Aroclor-1248
	33	10.392			6984	3060			
	34	10.463			15386	6721			
	35	10.549			4230	1842			
	36	10.726			1448	628			
	37	10.826			13688	5953			
	38	10.917			5124	2314			
	39	10.979			25569	11221			
	40	11.061			389	207			
	41	11.125			23737	11064			
	42	11.261			7232	3316			
	43	11.394			1812	919			
	44	11.454			2924	1404			
	45	11.544			8511	4155			
	46	11.695			5317	3409			
	47	11.735			25740	12766			
	48	11.835			469	254			
	49	11.950			5323	2615			
	50	12.085			1188	712			
	51	12.205			5898	3347			
	52	12.256			754	522			
	53	12.283			1091	691			
	54	12.331			8242	5431			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	12.442			5977	3780			
	56	12.531			15756	9756			
	57	12.575			270	210			
	58	12.622			775	457			
	59	12.697			206	163			
	60	12.730			1164	797			
	61	12.819			11108	7356			
	62	12.877			5566	3218			
	63	12.972			283	207			
	64	13.078			1241	951			
	65	13.101			1275	900			
	66	13.169			502	306			
	67	13.364			674	514			
	68	13.429			12307	8589			
	69	13.513			426	304			
	70	13.579			285	227			
	71	13.617			746	564			
	72	13.670			2674	2057			
	73	13.759			228	169			
	74	13.792			400	316			
	75	13.839			460	359			
	76	14.198			1088	882			
	77	14.315			668	480			
	78	14.422			632	464			
	79	14.927			393	300			
	80	16.126			456	283			
$	81	16.641	16.635	0.005	42944	24469	0.02877623		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

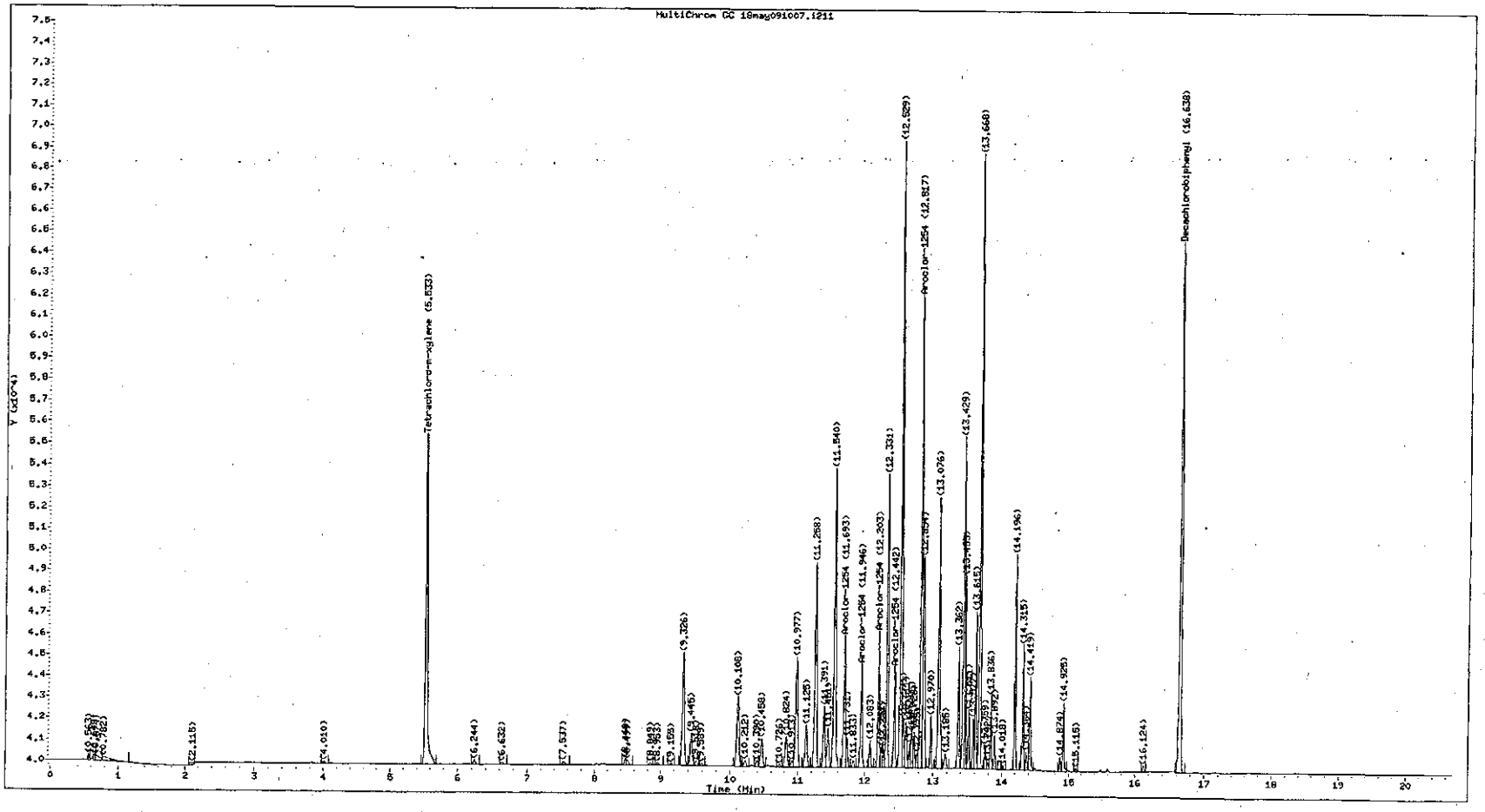
Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.535	5.530	0.0200	Tetrachloro-m-xylene
7.537	7.532	0.4000	Aroclor-1248
16.641	16.635	0.0400	Decachlorobiphenyl

Reported: 05/21/2009 12:09 dpd 18may091007-r201.d Page 2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AR12543G5	Client Sample ID: AR12543G5

Matrix	: WATER	Sample Type	: CCALIB_3
Analyst	: DPD	Injection Date	: 18-MAY-2009 18:17
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: AR1254STD
Data File	: 18may091007-r211.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:09 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AR12543G5 Client Sample ID: AR12543G5

Matrix : WATER
Analyst : DPD
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may091007-r211.d
Method : /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:09 dpd

Sample Type : CCALIB_3
Injection Date : 18-MAY-2009 18:17
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : AR1254STD

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.563			310	301			
	2	0.649			471	276			
	3	0.674			993	242			
	4	0.782			1874	187			
	5	2.115			471	113			
	6	4.010			262	117			
$	7	5.533	5.530	0.003	31591	15548	0.02274488		Tetrachloro-m-xylene
	8	6.244			485	227			
	9	6.632			258	120			
	10	7.537			467	157			
	11	8.468			590	295			
	12	8.499			554	259			
	13	8.849			278	132			
	14	8.953			278	131			
	15	9.155			218	102			
	16	9.326			11693	5320			
	17	9.445			3359	1526			
	18	9.518			487	231			
	19	9.589			261	121			
	20	10.108			7492	3243			
	21	10.212			618	277			
	22	10.390			640	289			
	23	10.458			3021	1323			
	24	10.726			220	96			
	25	10.824			3355	1412			
	26	10.913			610	291			
	27	10.977			12120	5167			
	28	11.125			4298	1961			
	29	11.258			20052	9646			
	30	11.391			5604	2846			
	31	11.451			3612	1811			
	32	11.540			26917	14091			
	33	11.693	11.694	-0.001	11946	6206	0.42284566		Aroclor-1254
	34	11.731			2304	1423			
	35	11.833			626	365			
	36	11.946	11.947	-0.002	8841	4882	0.42394573		Aroclor-1254
	37	12.083			2098	1271			
	38	12.203	12.203	0.000	10536	6417	0.43407602		Aroclor-1254
	39	12.252			1532	987			
	40	12.280			1405	933			
	41	12.331			21466	13812			
	42	12.442	12.442	0.000	7504	4745	0.41645182		Aroclor-1254
	43	12.529			43819	29565			
	44	12.571			3321	2322			
	45	12.611			3959	2131			
	46	12.666			1481	1123			
	47	12.695			2828	1917			
	48	12.728			2439	1743			
	49	12.775			958	699			
	50	12.817	12.816	0.000	31962	22289	0.45949714		Aroclor-1254
	51	12.854			18753	9942			
	52	12.970			3451	2444			
	53	13.076			20563	12786			
	54	13.185			1352	693			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	13.362			7396	5708			
	56	13.429			20692	15587			
	57	13.455			11013	9065			
	58	13.511			3905	2750			
	59	13.577			2902	2345			
	60	13.615			9545	7385			
	61	13.668			36395	28982			
	62	13.759			1417	1097			
	63	13.792			443	341			
	64	13.836			4282	3417			
	65	13.892			1982	1602			
	66	14.018			261	212			
	67	14.196			12242	10138			
	68	14.315			8133	5868			
	69	14.364			1049	888			
	70	14.419			6025	4360			
	71	14.874			851	660			
	72	14.925			4113	3216			
	73	15.115			201	157			
	74	16.124			466	290			
$	75	16.638	16.635	0.003	43658	24909	0.02929368		Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
11.693	11.694	0.4000	Aroclor-1254
16.638	16.635	0.0400	Decachlorobiphenyl

Case: 38525

SDG: E2001

9 of 9

TestAmerica
South Burlington, VT

Sample Data Package

SDG: E2QQ1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Raw QC Data – SOM01.2 Aroclors

(Hydrogen Carrier Gas)

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ABLKQ3

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: ABLKQ3

Sample wt/vol: 30.0 (g/mL) g Lab File ID: 15MAY091517-R011

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 05/08/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.2 Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

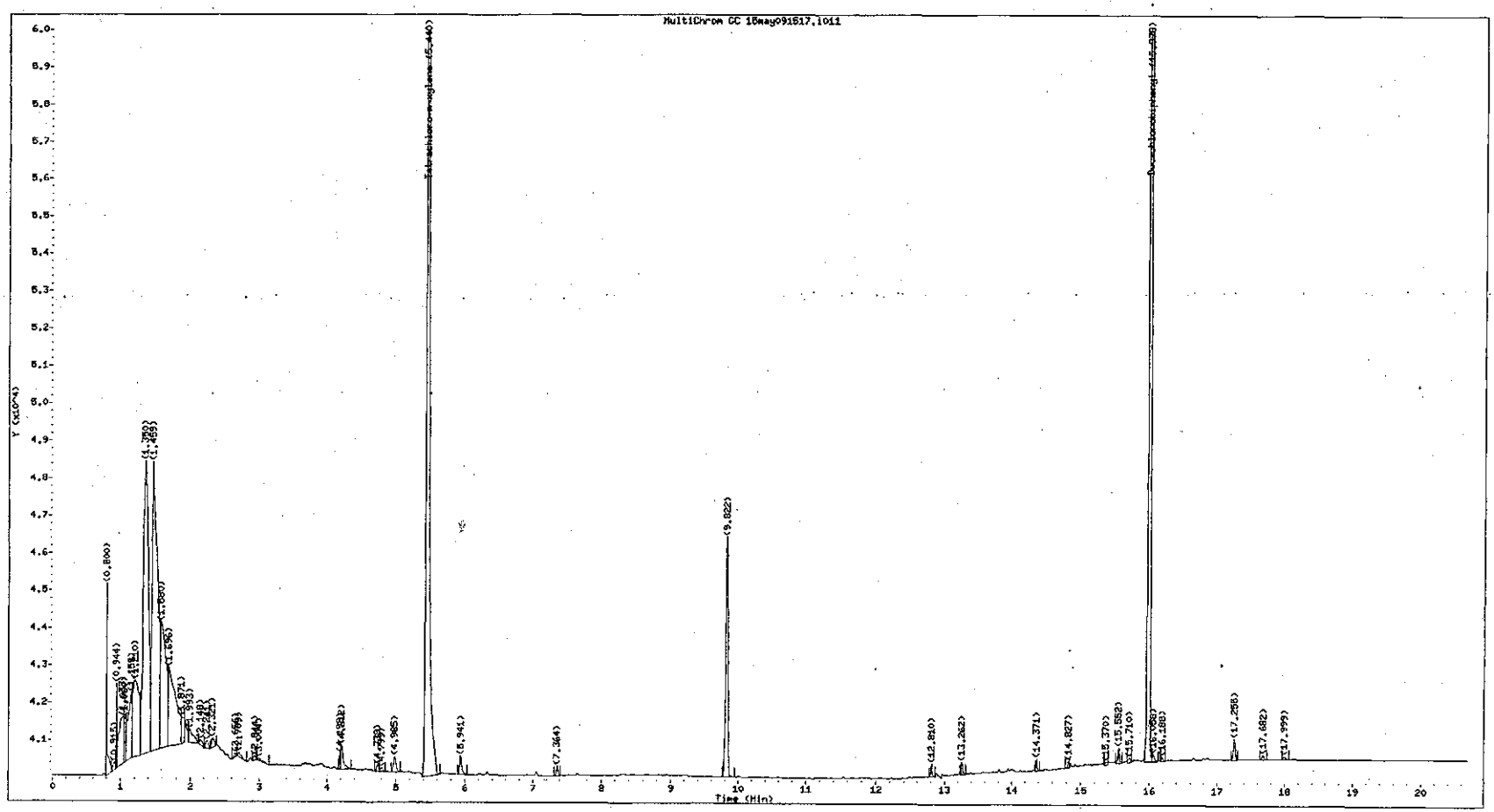
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ABLKQ3	Client Sample ID: ABLKQ3

Matrix	: SOIL	Sample Type	: BLANK
Analyst	: DPD	Injection Date	: 16-MAY-2009 03:07
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r011.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:17 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ABLKQ3 Client Sample ID: ABLKQ3

Matrix : SOIL
Analyst : DPD
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091517-r011.d
Method : /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:17 dpd

Sample Type : BLANK
Injection Date : 16-MAY-2009 03:07
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : all

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.800			3505	5144			
	2	0.915			469	207			
	3	0.944			1164	2282			
	4	1.033			6169	1260			
	5	1.060			2447	1204			
	6	1.159			6556	1734			
	7	1.210			13078	2039			
	8	1.350			42251	7820			
	9	1.459			40444	7735			
	10	1.580			19069	3389			
	11	1.696			15618	2101			
	12	1.871			1978	729			
	13	1.993			1602	365			
	14	2.148			421	156			
	15	2.241			579	210			
	16	2.321			702	252			
	17	2.656			223	107			
	18	2.709			421	125			
	19	2.944			259	109			
	20	3.004			242	63			
	21	4.192			468	431			
	22	4.212			1786	653			
	23	4.739			402	183			
	24	4.799			228	94			
	25	4.985			1079	417			
$	26	5.440	5.442	-0.003	79833	31663	0.05914614		Tetrachloro-m-xylene
	27	5.941			1173	496			
	28	7.364			523	270			
	29	9.822			14650	6396			
	30	12.810			496	341			
	31	13.262			544	331			
	32	14.371			362	318			
	33	14.827			255	188			
	34	15.370			212	82			
	35	15.552			742	413			
	36	15.710			327	134			
$	37	15.978	15.981	-0.003	229324	152584	0.12237068		Decachlorobiphenyl
	38	16.058			452	186			
	39	16.188			222	107			
	40	17.255			1114	551			
	41	17.682			266	118			
	42	17.999			217	87			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

TestAmerica Burlington - Target GC Injection Report

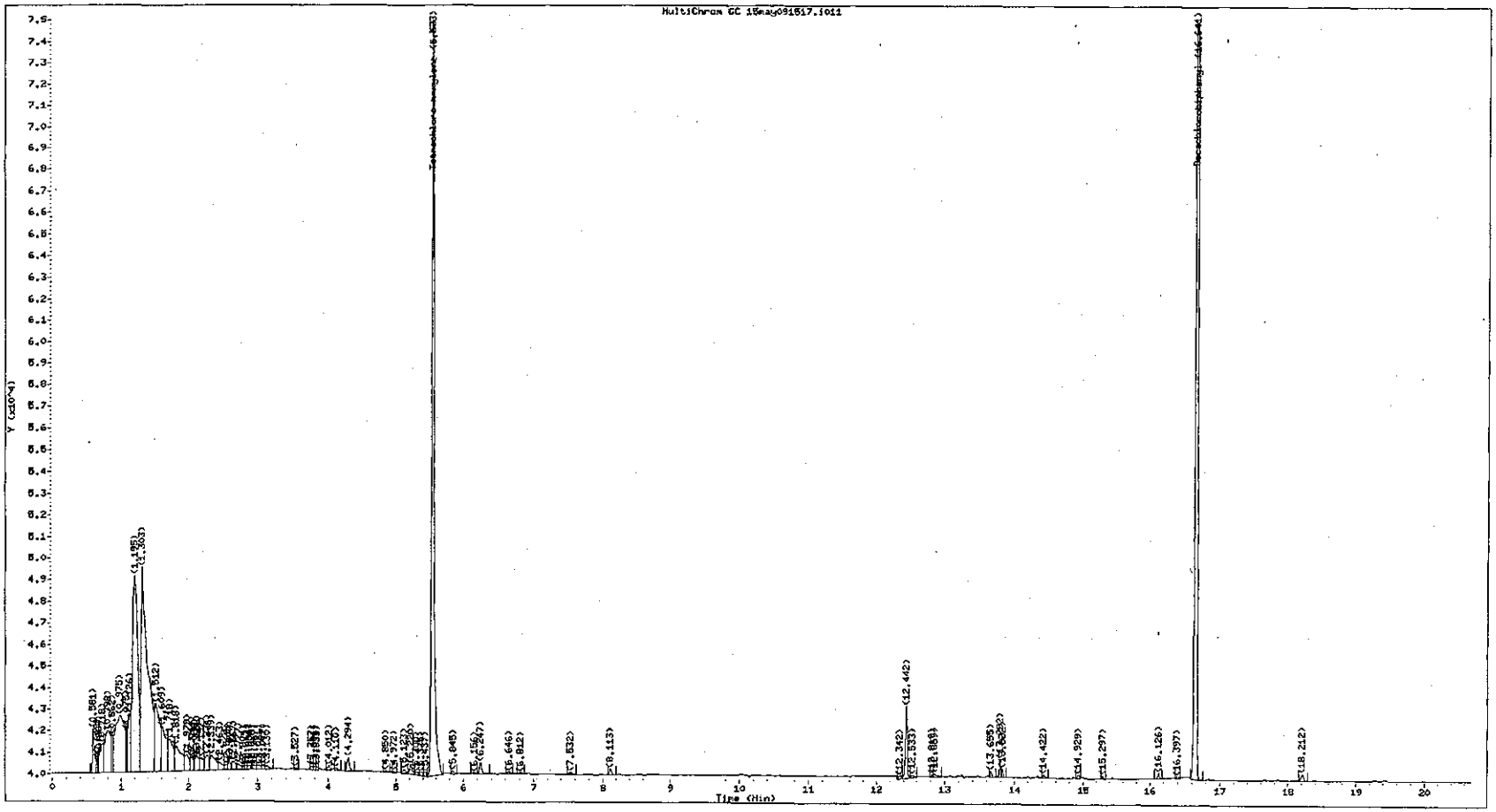
Target Compounds

Peak RT	Expected RT	Target Compound
5.440	5.442	Tetrachloro-m-xylene
	5.772	Aroclor-1221
	6.051	Aroclor-1232
	6.790	Aroclor-1248
	6.794	Aroclor-1016
	6.794	Aroclor-1242
	10.740	Aroclor-1254
	13.230	Aroclor-1260
	13.316	Aroclor-1262
	14.439	Aroclor-1268
15.978	15.981	Decachlorobiphenyl

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ABLKQ3	Client Sample ID: ABLKQ3

Matrix	: SOIL	Sample Type	: BLANK
Analyst	: DPD	Injection Date	: 16-MAY-2009 03:07
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r011.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:47 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ABLKQ3	Client Sample ID: ABLKQ3

Matrix : SOIL
Analyst : DPD
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 15may091517-r011.d
Method : /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 11:47 dpd

Sample Type : BLANK
Injection Date : 16-MAY-2009 03:07
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : all

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.581			4362	2038			
	2	0.649			776	621			
	3	0.667			472	784			
	4	0.718			4489	1341			
	5	0.798			11402	1938			
	6	0.862			3393	1725			
	7	0.975			25152	2641			
	8	1.075			2541	1930			
	9	1.126			7401	2726			
	10	1.195			50292	9094			
	11	1.303			67502	9478			
	12	1.512			16760	3169			
	13	1.609			10487	2052			
	14	1.718			7345	1476			
	15	1.818			7914	1147			
	16	1.979			3279	724			
	17	2.044			1767	605			
	18	2.086			410	526			
	19	2.121			2806	668			
	20	2.192			1945	576			
	21	2.274			2919	678			
	22	2.339			3956	672			
	23	2.463			1331	354			
	24	2.569			684	239			
	25	2.607			1045	373			
	26	2.667			1339	372			
	27	2.727			906	267			
	28	2.804			262	146			
	29	2.842			424	174			
	30	2.884			538	197			
	31	2.926			229	177			
	32	2.957			608	201			
	33	3.021			681	198			
	34	3.077			554	203			
	35	3.130			721	157			
	36	3.527			265	100			
	37	3.757			391	167			
	38	3.806			329	182			
	39	3.833			327	160			
	40	4.012			450	186			
	41	4.110			343	97			
	42	4.294			1661	621			
	43	4.850			275	78			
	44	4.972			240	77			
	45	5.123			657	209			
	46	5.220			1194	443			
	47	5.300			404	109			
	48	5.375			584	158			
	49	5.437			474	194			
$	50	5.533	5.530	0.003	96332	43195	0.06318915		Tetrachloro-m-xylene
	51	5.845			521	170			
	52	6.156			267	72			
	53	6.247			1403	551			
	54	6.646			334	120			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	6.812			266	74			
	56	7.532			275	127			
	57	8.113			584	282			
	58	12.342			373	156			
	59	12.442			6154	3313			
	60	12.533			413	115			
	61	12.819			220	112			
	62	12.859			586	133			
	63	13.655			530	293			
	64	13.792			1010	844			
	65	13.832			481	408			
	66	14.422			281	142			
	67	14.929			425	180			
	68	15.297			217	159			
	69	16.126			479	273			
	70	16.397			291	89			
$	71	16.641	16.635	0.005	185260	106036	0.12470129		Decachlorobiphenyl
	72	18.212			786	319			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
5.533	5.530	Tetrachloro-m-xylene
	6.224	Aroclor-1221
	6.628	Aroclor-1016
	6.634	Aroclor-1232
	7.532	Aroclor-1248
	7.543	Aroclor-1242
	11.694	Aroclor-1254
	13.085	Aroclor-1262
	13.754	Aroclor-1260
	14.876	Aroclor-1268
16.641	16.635	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG4(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG4

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091509-R231

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/15/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

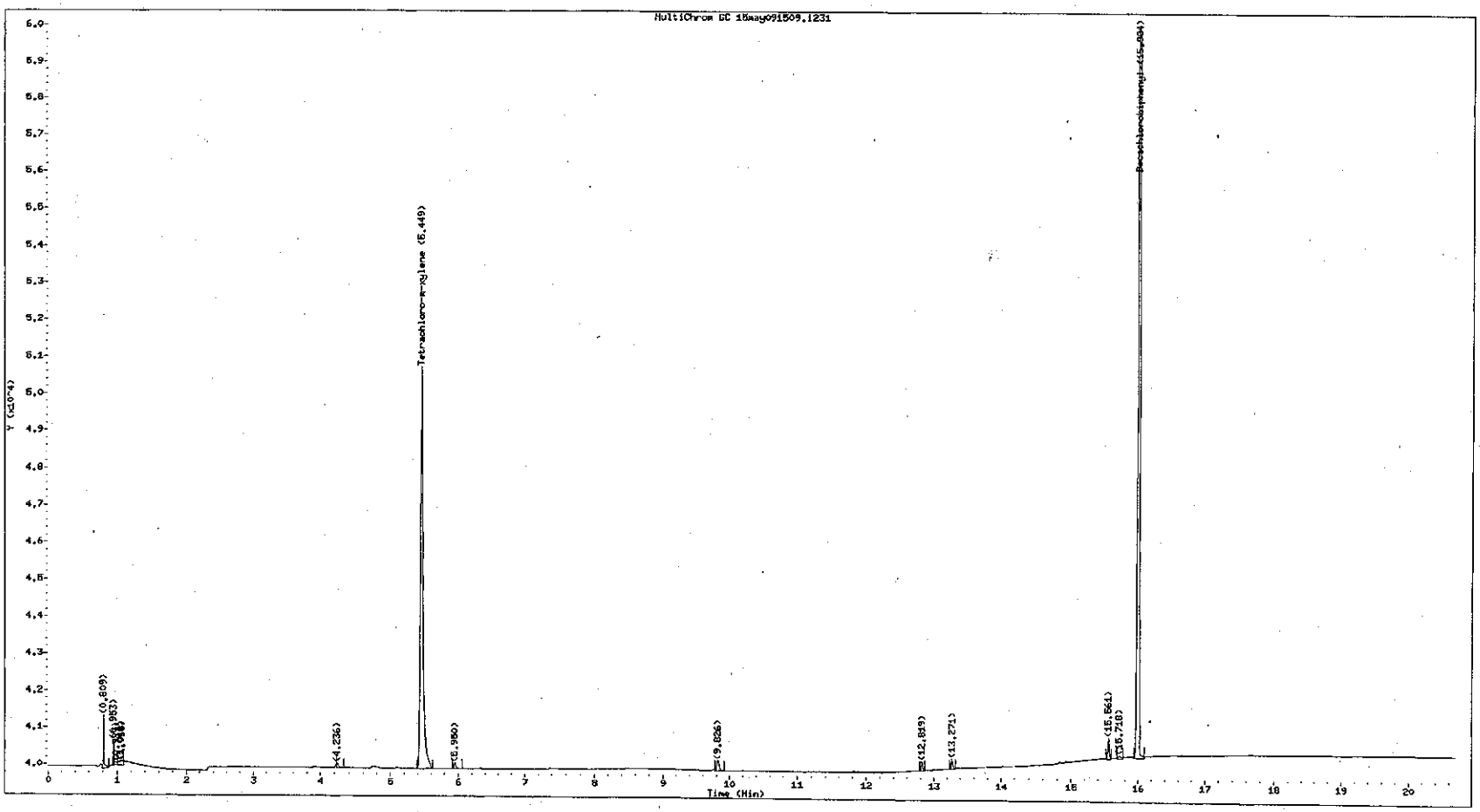
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG4	Client Sample ID: AIBLKG4

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:57
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091509-r231.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:35 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG4 Client Sample ID: AIBLKG4

Matrix : WATER
Analyst : JLB
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091509-r231.d
Method : /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m
Reported : 18-May-2009 11:35 jb

Sample Type : CCALIB_6
Injection Date : 15-MAY-2009 23:57
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : all

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.809			807	1466			
	2	0.953			284	697			
	3	0.989			219	87			
	4	1.046			249	110			
	5	1.068			327	126			
	6	4.236			281	135			
$	7	5.449	5.442	0.006	28213	10831	0.02023219	a	Tetrachloro-m-xylene
	8	5.950			400	172			
	9	9.826			740	280			
	10	12.819			387	266			
	11	13.271			465	288			
	12	15.561			908	586			
	13	15.718			315	88			
$	14	15.984	15.981	0.003	73523	49079	0.03936081	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.449	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.984	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG5(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG5

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091509-R291

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

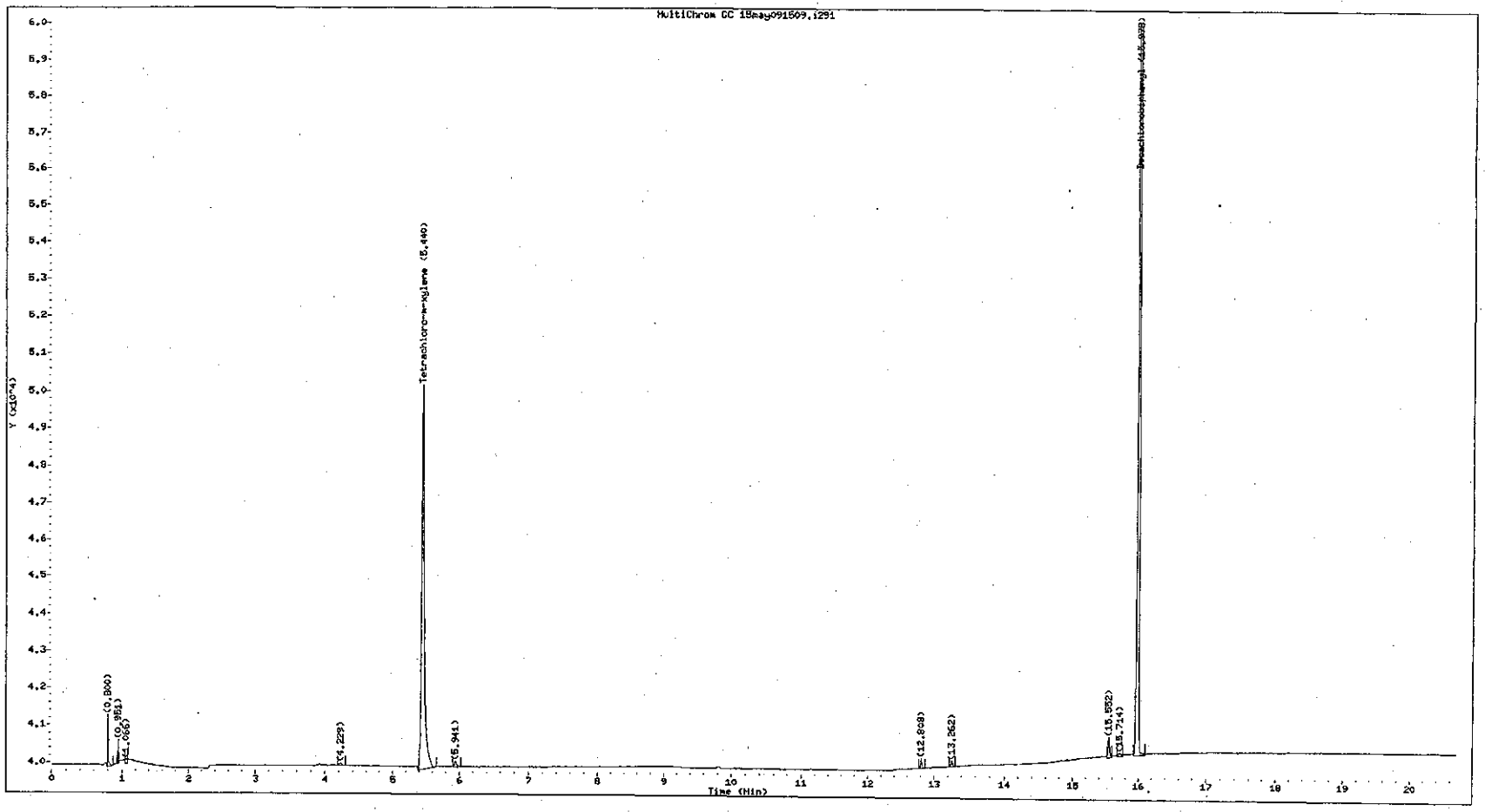
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG5	Client Sample ID: AIBLKG5

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: JLB	Injection Date	: 16-MAY-2009 02:20
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091509-r291.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:37 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG5 Client Sample ID: AIBLKG5

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: JLB	Injection Date	: 16-MAY-2009 02:20
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091509-r291.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091509.b/SOM01PCB_RTX5_2009.m		
Reported	: 18-May-2009 11:37 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.800			786	1398			
	2	0.951			260	649			
	3	1.066			249	119			
	4	4.229			248	89			
$	5	5.440	5.442	-0.003	28561	10347	0.01932808	a	Tetrachloro-m-xylene
	6	5.941			446	173			
	7	12.808			385	273			
	8	13.262			253	152			
	9	15.552			901	551			
	10	15.714			298	89			
$	11	15.978	15.981	-0.003	72682	48623	0.03899511	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.440	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.978	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG6(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG6

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091517-R171

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

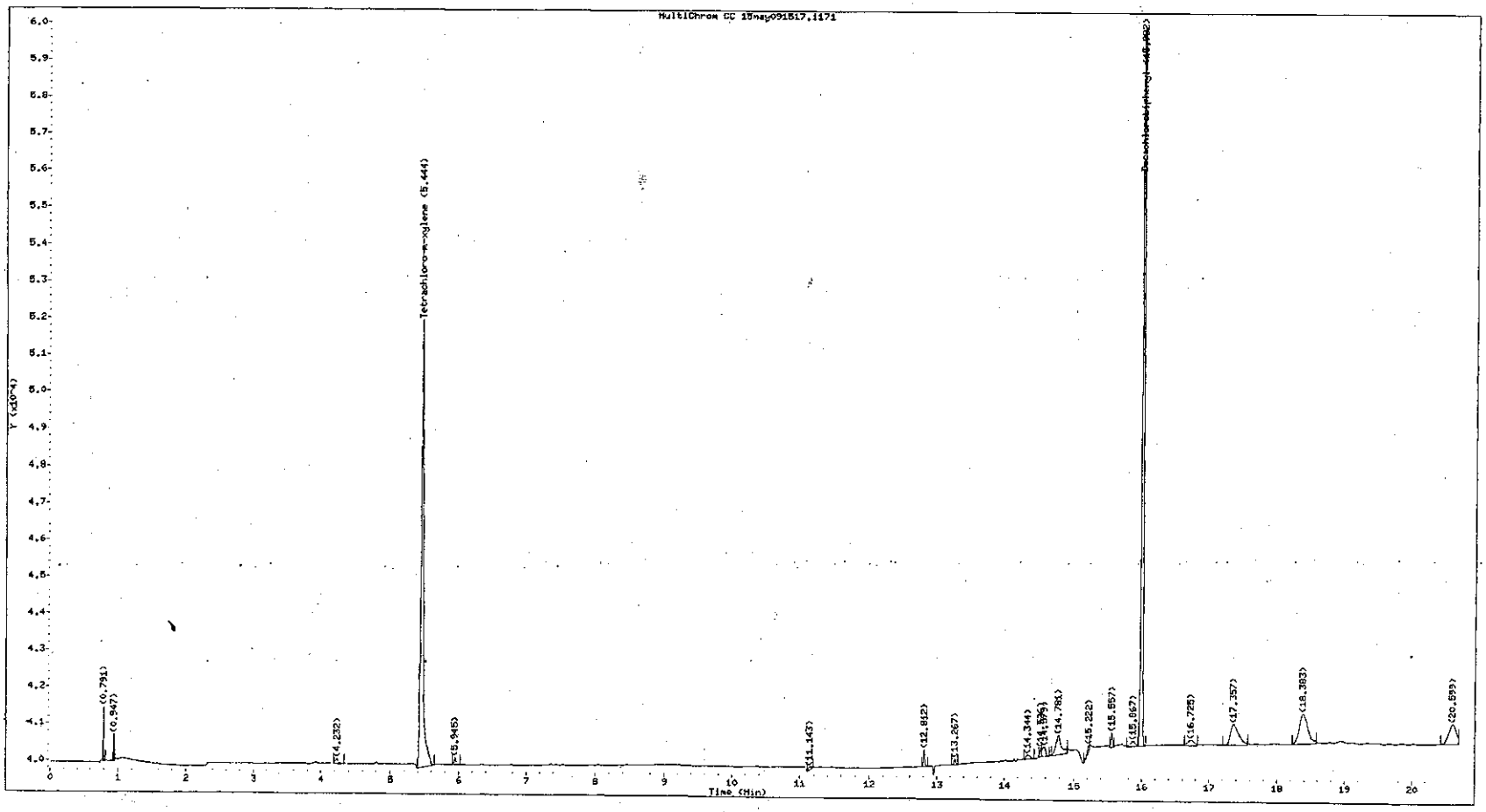
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG6	Client Sample ID: AIBLKG6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:28
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r171.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:22 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG6 Client Sample ID: AIBLKG6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:28
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r171.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:22 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.791			570	1487			
	2	0.947			299	742			
	3	4.232			444	150			
$	4	5.444	5.442	0.002	29374	12126	0.02265124	a	Tetrachloro-m-xylene
	5	5.945			461	208			
	6	11.143			284	89			
	7	12.812			653	453			
	8	13.267			332	173			
	9	14.344			456	103			
	10	14.526			274	216			
	11	14.579			761	232			
	12	14.781			2863	523			
	13	15.222			343	133			
	14	15.557			686	411			
	15	15.867			796	147			
$	16	15.982	15.981	0.001	54369	36411	0.02920122	aR	Decachlorobiphenyl
	17	16.725			1018	155			
	18	17.357			4938	571			
	19	18.383			7361	825			
	20	20.599			4385	545			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.982	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG7(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG7

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091517-R181

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

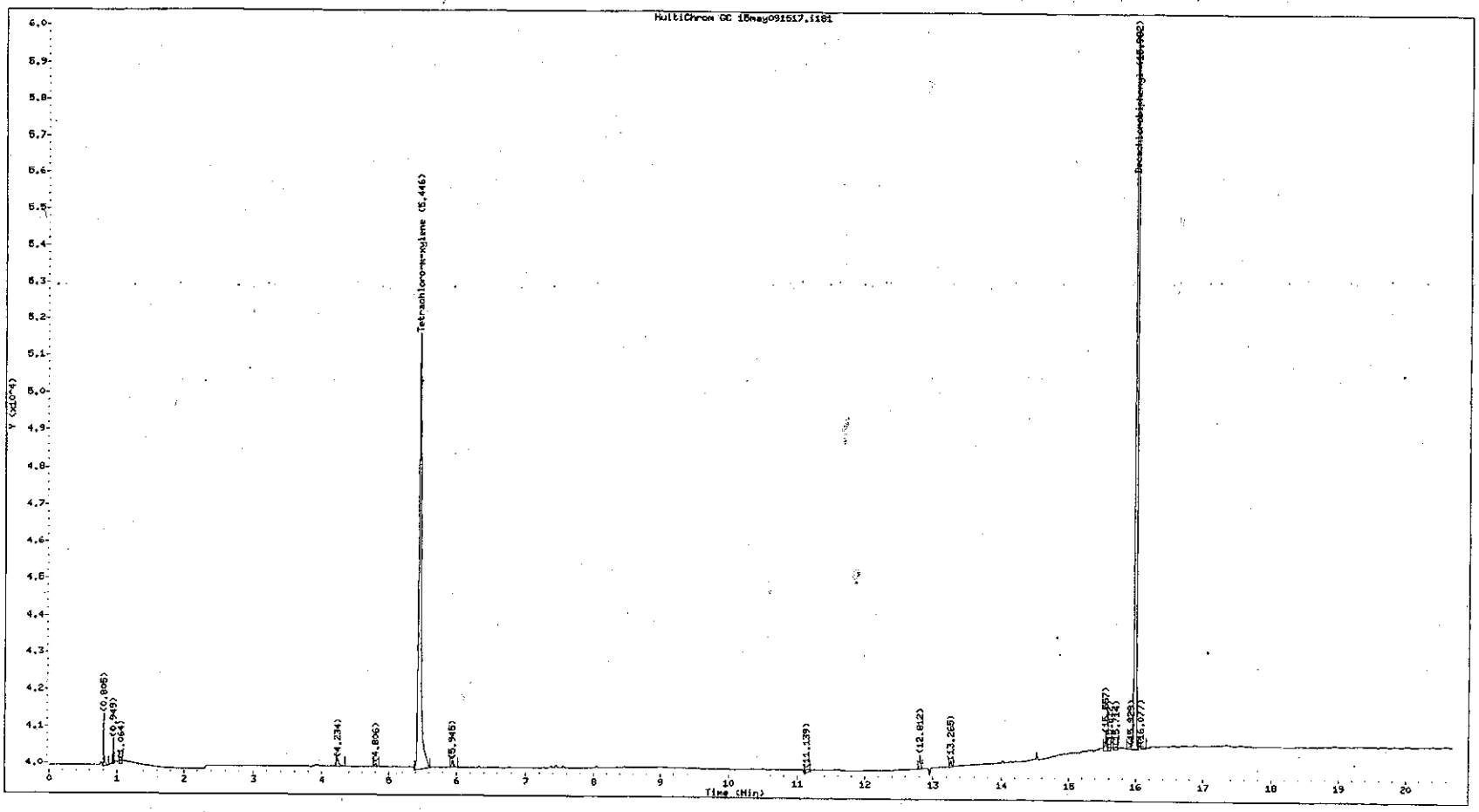
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG7	Client Sample ID: AIBLKG7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:52
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r181.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:23 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG7 Client Sample ID: AIBLKG7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:52
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r181.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:23 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.805			759	1437			
	2	0.949			291	696			
	3	1.064			261	99			
	4	4.234			494	215			
	5	4.806			220	96			
$	6	5.446	5.442	0.004	29286	11754	0.02195635	a	Tetrachloro-m-xylene
	7	5.945			437	195			
	8	11.139			306	98			
	9	12.812			542	386			
	10	13.265			292	164			
	11	15.557			822	459			
	12	15.612			248	90			
	13	15.714			269	88			
	14	15.929			226	79			
$	15	15.982	15.981	0.001	57163	39224	0.03145721	aR	Decachlorobiphenyl
	16	16.077			246	74			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.446	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.982	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKH9(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKH9

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY090735-R021

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

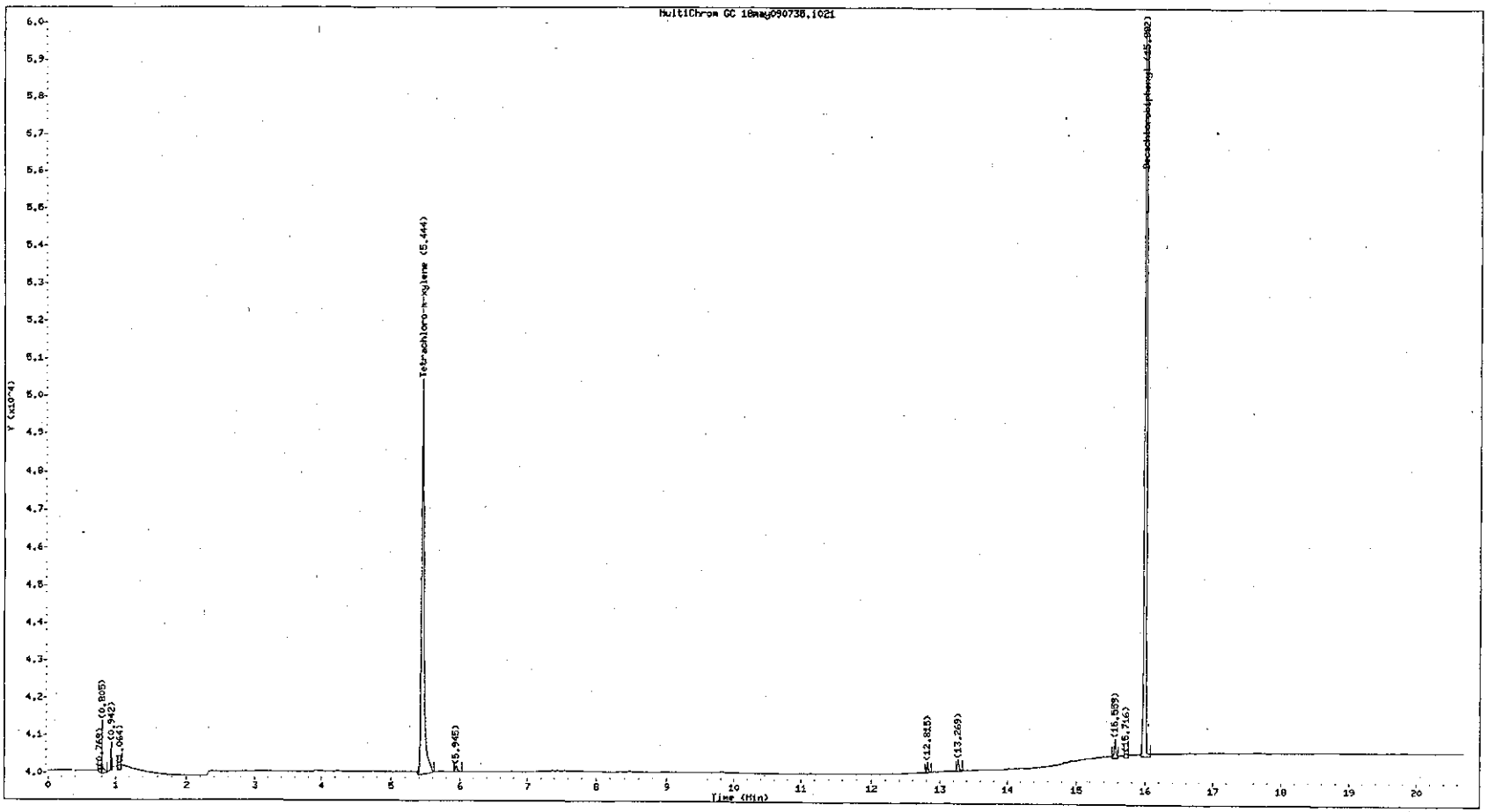
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKH9	Client Sample ID: AIBLKH9

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 08:21
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may090735-r021.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:30 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKH9 Client Sample ID: AIBLKH9

Matrix : WATER
Analyst : DPD
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may090735-r021.d
Method : /var/chem/5253_1.i/051509_1/18MAY090735.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:30 dpd

Sample Type : CCALIB_6
Injection Date : 18-MAY-2009 08:21
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : all

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.769			207	102			
	2	0.805			823	1434			
	3	0.942			286	741			
	4	1.064			385	134			
$	5	5.444	5.442	0.002	26796	10495	0.01960455	a	Tetrachloro-m-xylene
	6	5.945			389	170			
	7	12.815			406	285			
	8	13.269			598	313			
	9	15.559			937	517			
	10	15.716			365	130			
$	11	15.982	15.981	0.001	71937	49158	0.03942417	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.982	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI1(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI1

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R021

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

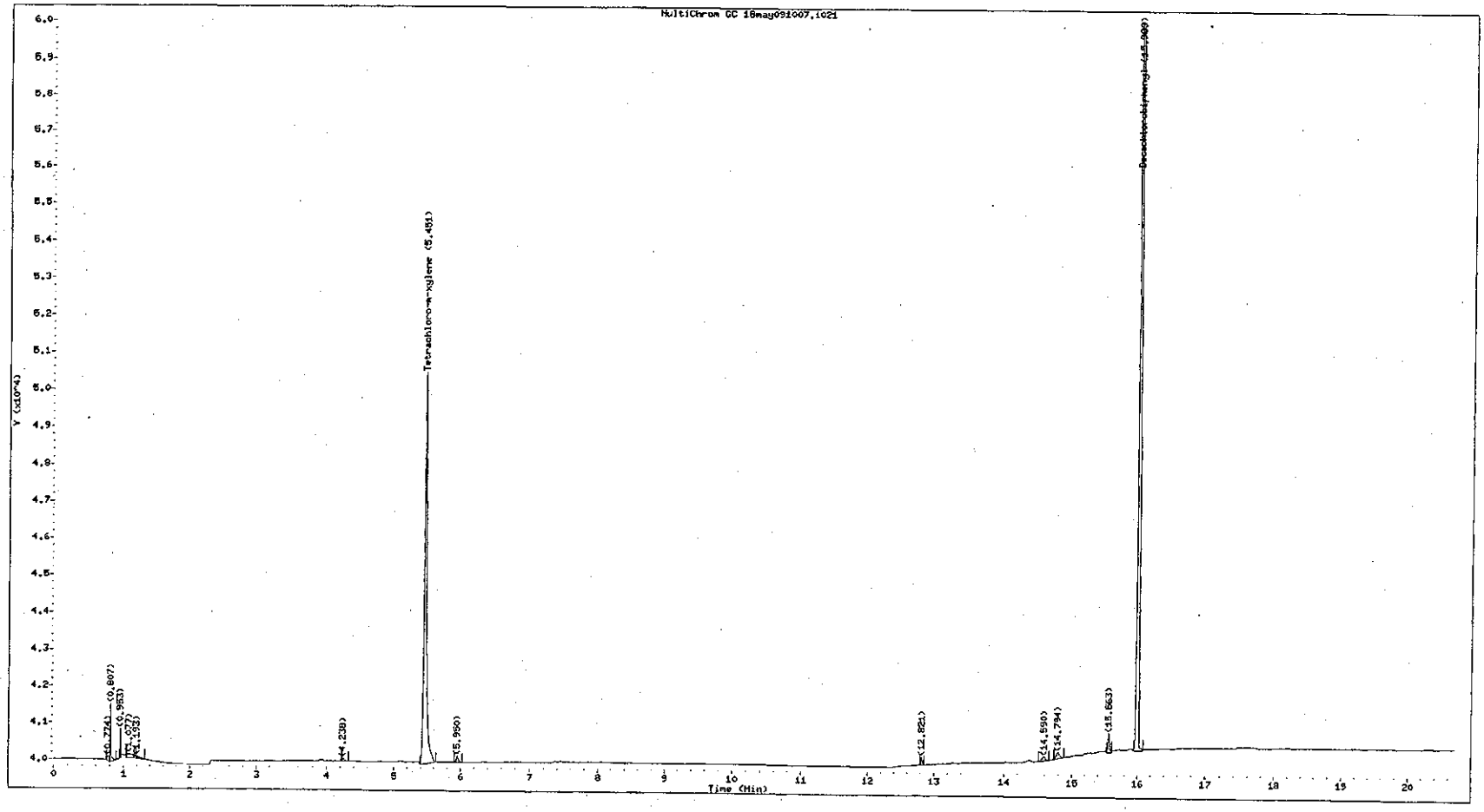
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI1	Client Sample ID: AIBLKI1

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 10:44
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r021.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:34 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI1 Client Sample ID: AIBLKI1

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 10:44
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r021.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:34 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.774			261	134			
	2	0.807			887	1569			
	3	0.953			319	804			
	4	1.077			659	112			
	5	1.193			276	70			
	6	4.238			215	85			
$	7	5.451	5.442	0.008	28021	10543	0.01969421	a	Tetrachloro-m-xylene
	8	5.950			428	177			
	9	12.821			337	230			
	10	14.590			397	113			
	11	14.794			617	165			
	12	15.563			816	505			
$	13	15.989	15.981	0.008	74863	51117	0.04099527	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.451	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.989	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI2(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI2

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R041

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

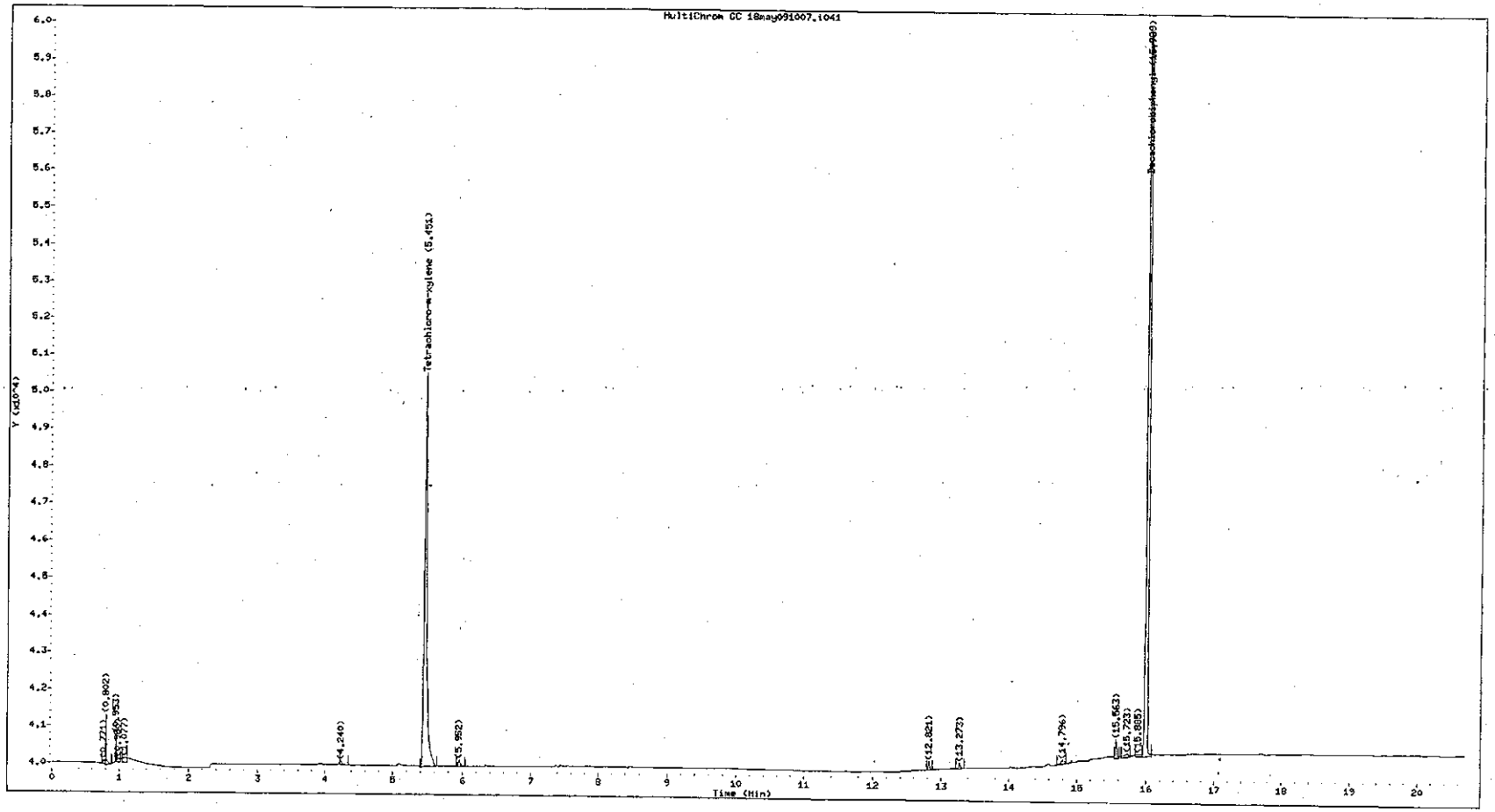
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI2	Client Sample ID: AIBLKI2

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:32
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r041.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:35 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI2 Client Sample ID: AIBLKI2

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:32
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r041.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:35 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.771			224	119			
	2	0.802			808	1399			
	3	0.953			308	774			
	4	0.980			295	100			
	5	1.077			546	129			
	6	4.240			259	116			
$	7	5.451	5.442	0.008	27758	10606	0.01981189	a	Tetrachloro-m-xylene
	8	5.952			418	181			
	9	12.821			358	238			
	10	13.273			350	172			
	11	14.796			375	104			
	12	15.563			818	500			
	13	15.723			460	96			
	14	15.885			278	59			
$	15	15.989	15.981	0.008	71607	49133	0.03940412	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.451	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.989	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI3(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI3

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R061

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

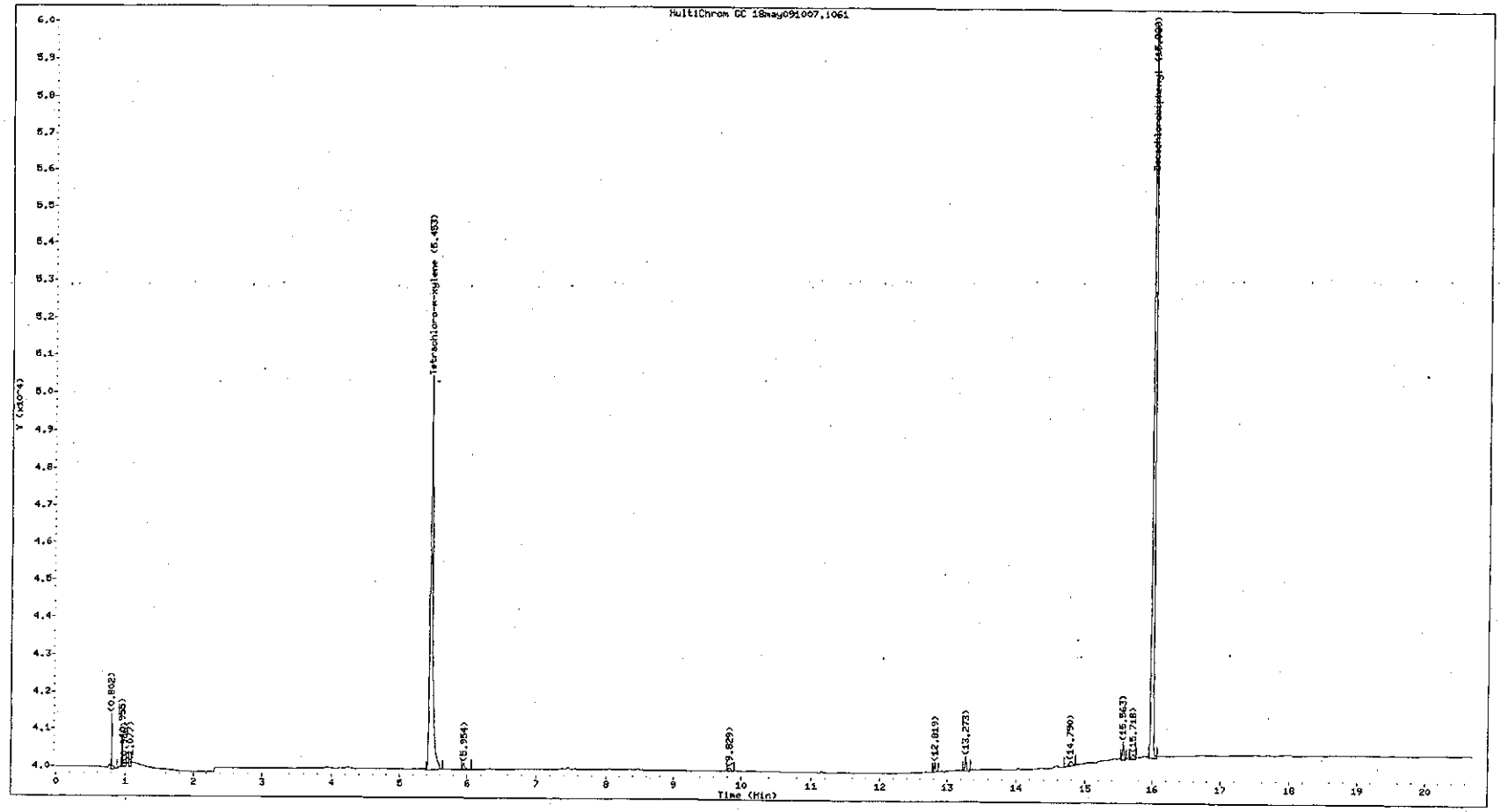
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI3	Client Sample ID: AIBLKI3

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 12:19
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r061.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:35 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI3 Client Sample ID: AIBLKI3

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 12:19
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r061.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:35 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.802			752	1504			
	2	0.955			296	735			
	3	0.986			254	91			
	4	1.077			254	128			
$	5	5.453	5.442	0.011	27327	10522	0.01965498	a	Tetrachloro-m-xylene
	6	5.954			388	172			
	7	9.829			227	93			
	8	12.819			397	257			
	9	13.273			714	388			
	10	14.790			430	111			
	11	15.563			752	476			
	12	15.718			472	142			
$	13	15.989	15.981	0.008	67081	45048	0.03612800	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.453	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.989	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI4(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI4

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R081

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

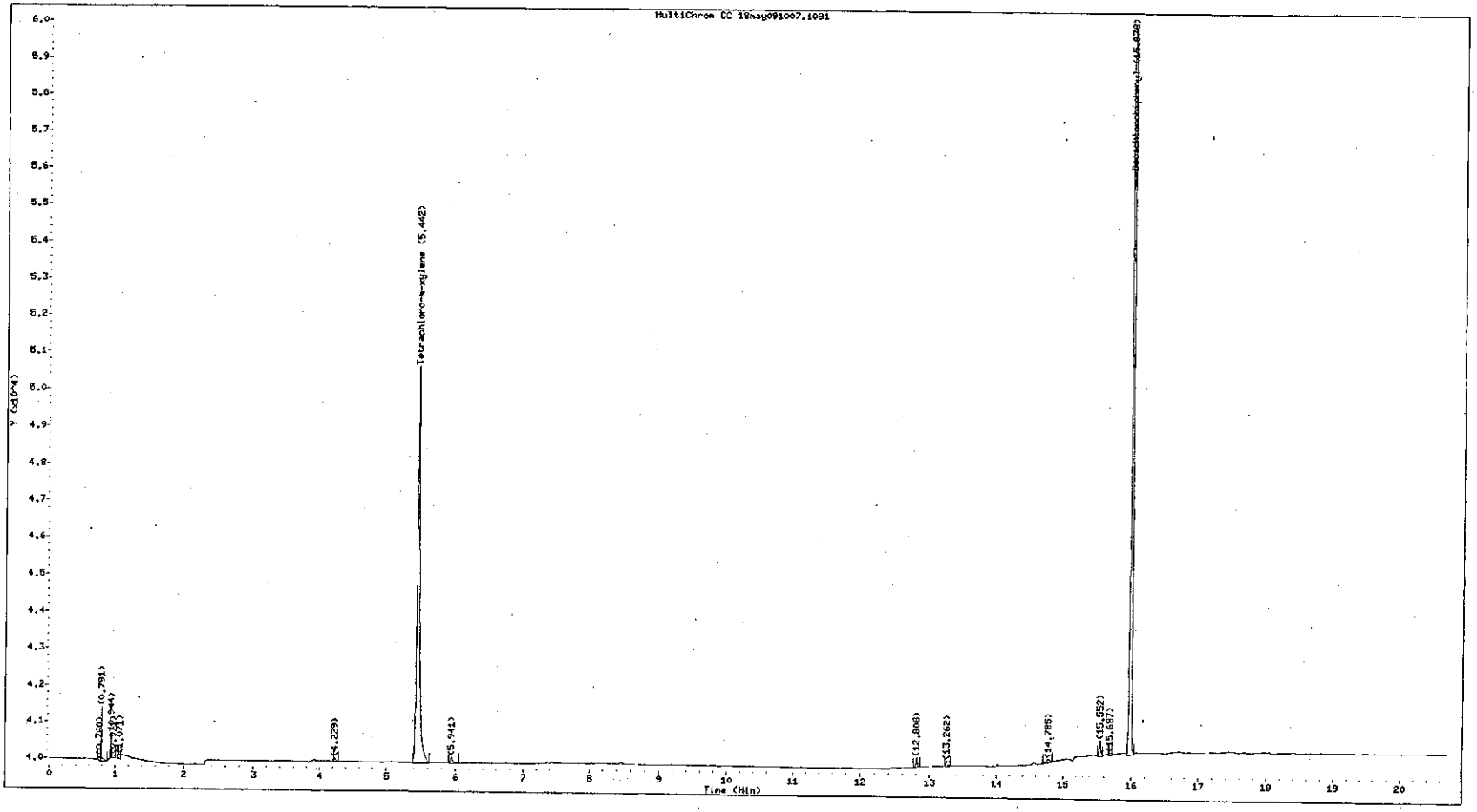
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI4	Client Sample ID: AIBLKI4

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 13:07
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r081.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:36 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI4 Client Sample ID: AIBLKI4

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 13:07
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r081.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:36 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.760			201	108			
	2	0.791			761	1529			
	3	0.944			289	725			
	4	0.971			207	76			
	5	1.071			242	116			
	6	4.229			215	105			
$	7	5.442	5.442	-0.001	27257	10731	0.02004539	a	Tetrachloro-m-xylene
	8	5.941			399	176			
	9	12.808			388	265			
	10	13.262			266	153			
	11	14.785			395	92			
	12	15.552			681	432			
	13	15.687			209	82			
$	14	15.978	15.981	-0.003	60823	42161	0.03381266	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.442	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.978	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI5(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI5

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R101

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

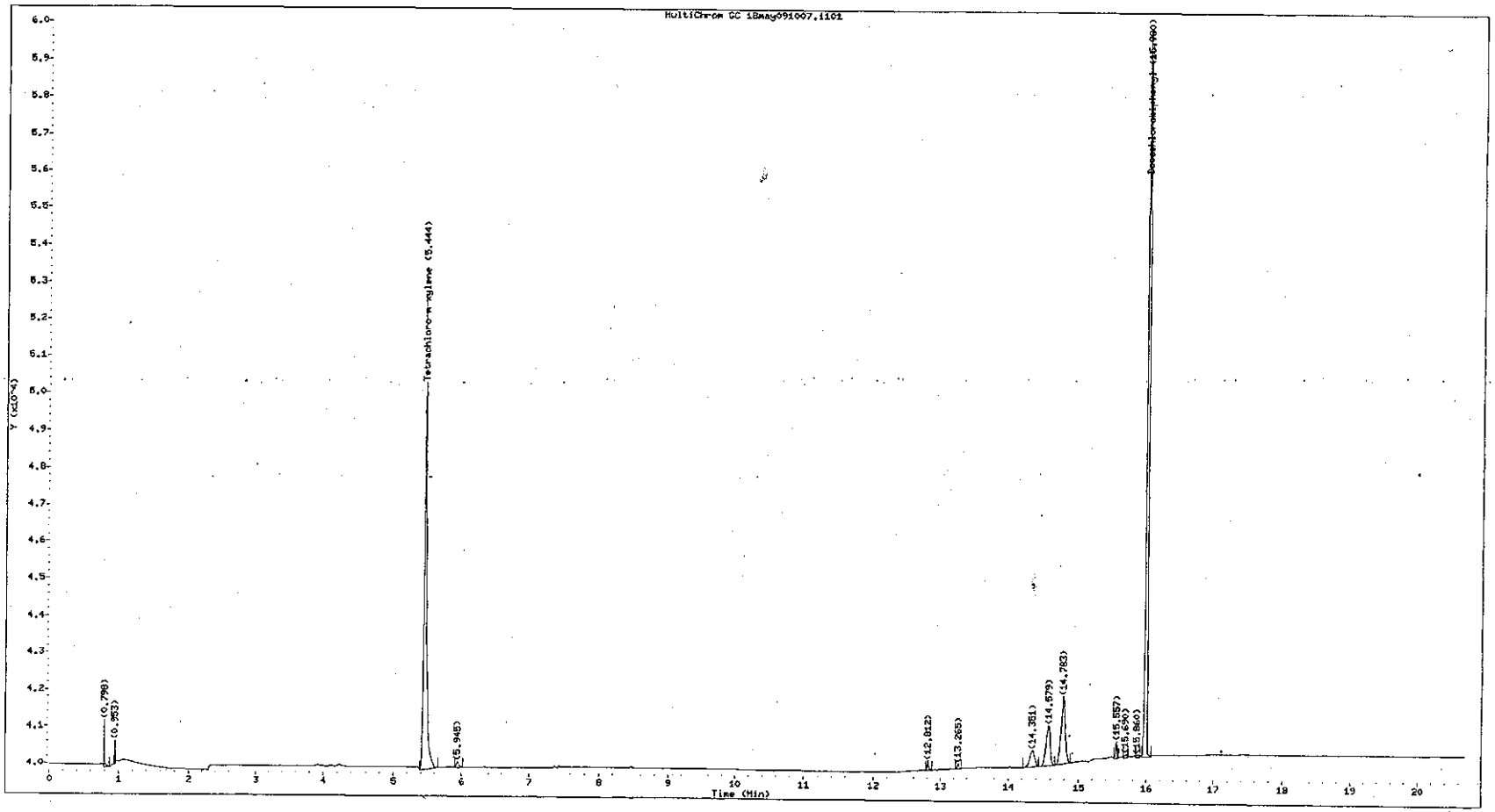
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI5	Client Sample ID: AIBLKI5

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 13:55
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r101.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:36 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI5 Client Sample ID: AIBLKI5

Matrix : WATER
Analyst : DPD
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 18may091007-r101.d
Method : /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:36 dpd

Sample Type : CCALIB_6
Injection Date : 18-MAY-2009 13:55
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : all

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.798			668	1301			
	2	0.953			261	634			
$	3	5.444	5.442	0.002	27864	10430	0.01948313	a	Tetrachloro-m-xylene
	4	5.945			417	171			
	5	12.812			384	261			
	6	13.265			225	132			
	7	14.351			2240	443			
	8	14.579			4522	1083			
	9	14.783			7236	1818			
	10	15.557			690	448			
	11	15.690			263	92			
	12	15.860			236	62			
$	13	15.980	15.981	-0.001	63954	43125	0.03458577	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.980	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI6(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI6

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R121

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

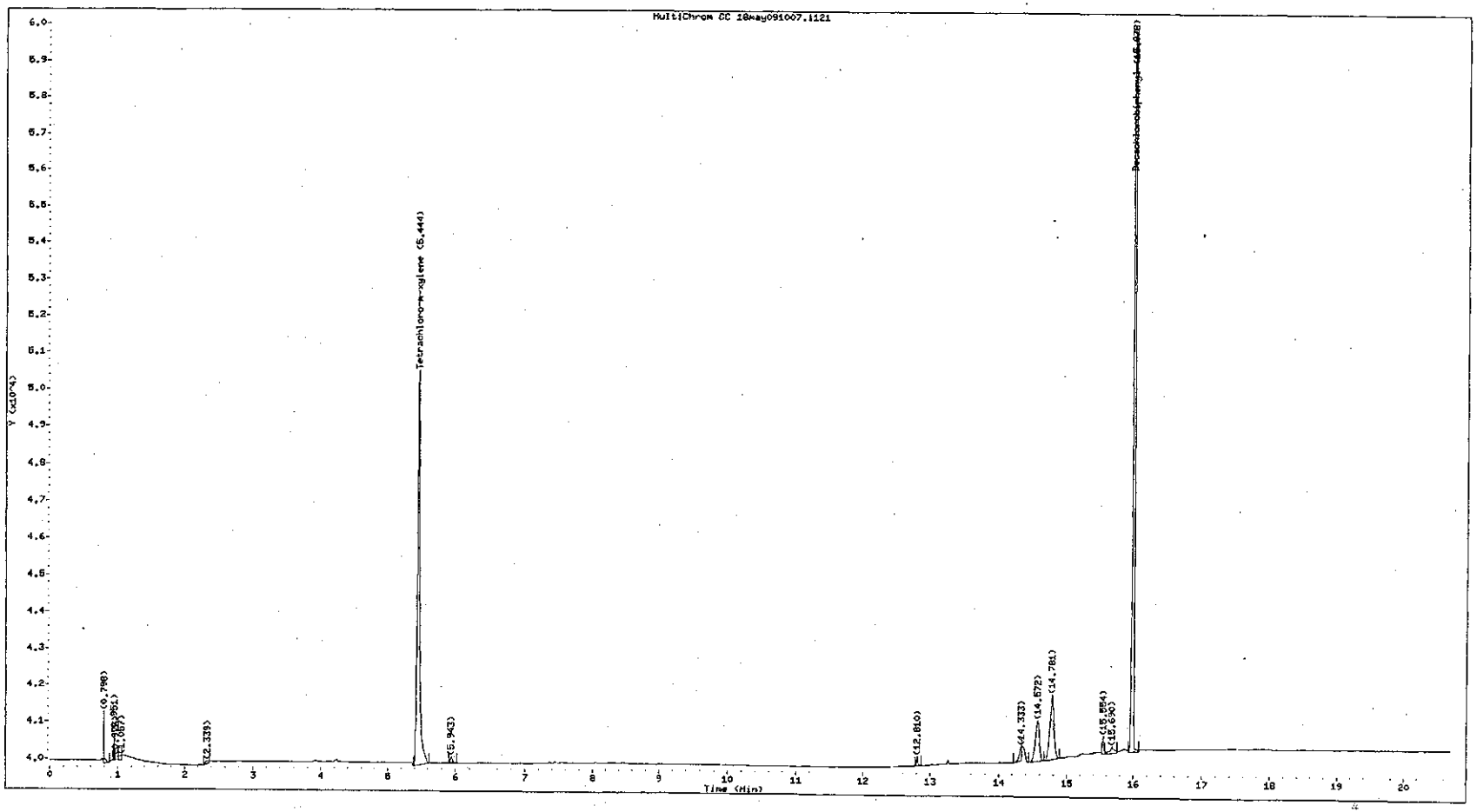
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI6	Client Sample ID: AIBLKI6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 14:42
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r121.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:37 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI6 Client Sample ID: AIBLKI6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 14:42
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r121.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:37 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.798			756	1418			
	2	0.951			296	689			
	3	0.975			283	98			
	4	1.057			343	130			
	5	2.339			272	76			
$	6	5.444	5.442	0.002	27119	10665	0.01992210	a	Tetrachloro-m-xylene
	7	5.943			391	173			
	8	12.810			381	257			
	9	14.333			783	370			
	10	14.572			4598	1084			
	11	14.781			7061	1730			
	12	15.554			718	472			
	13	15.690			814	173			
$	14	15.978	15.981	-0.003	63688	44316	0.03554094	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.444	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.754	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.978	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI7(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI7

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R141

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

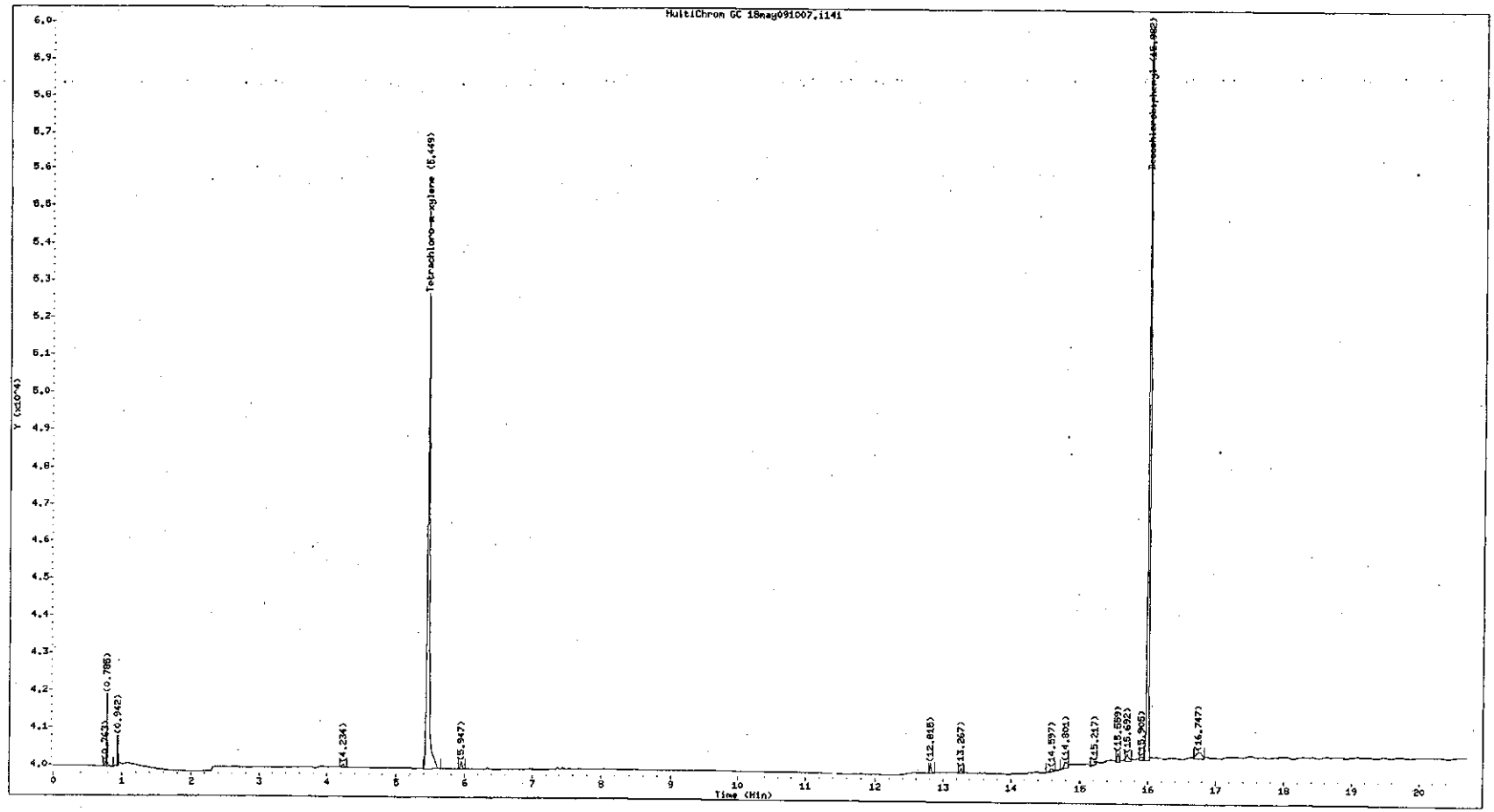
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI7	Client Sample ID: AIBLKI7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 15:30
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r141.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:37 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI7 Client Sample ID: AIBLKI7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 15:30
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r141.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:37 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.763			203	146			
	2	0.785			870	1954			
	3	0.942			343	816			
	4	4.234			231	103			
$	5	5.449	5.442	0.006	26491	12755	0.02382620	a	Tetrachloro-m-xylene
	6	5.947			368	196			
	7	12.815			484	268			
	8	13.267			285	148			
	9	14.597			277	82			
	10	14.801			600	159			
	11	15.217			299	80			
	12	15.559			442	259			
	13	15.692			552	190			
	14	15.905			316	92			
$	15	15.982	15.981	0.001	31827	21643	0.01735745	aR	Decachlorobiphenyl
	16	16.747			1058	172			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.449	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.982	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI8(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI8

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R161

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

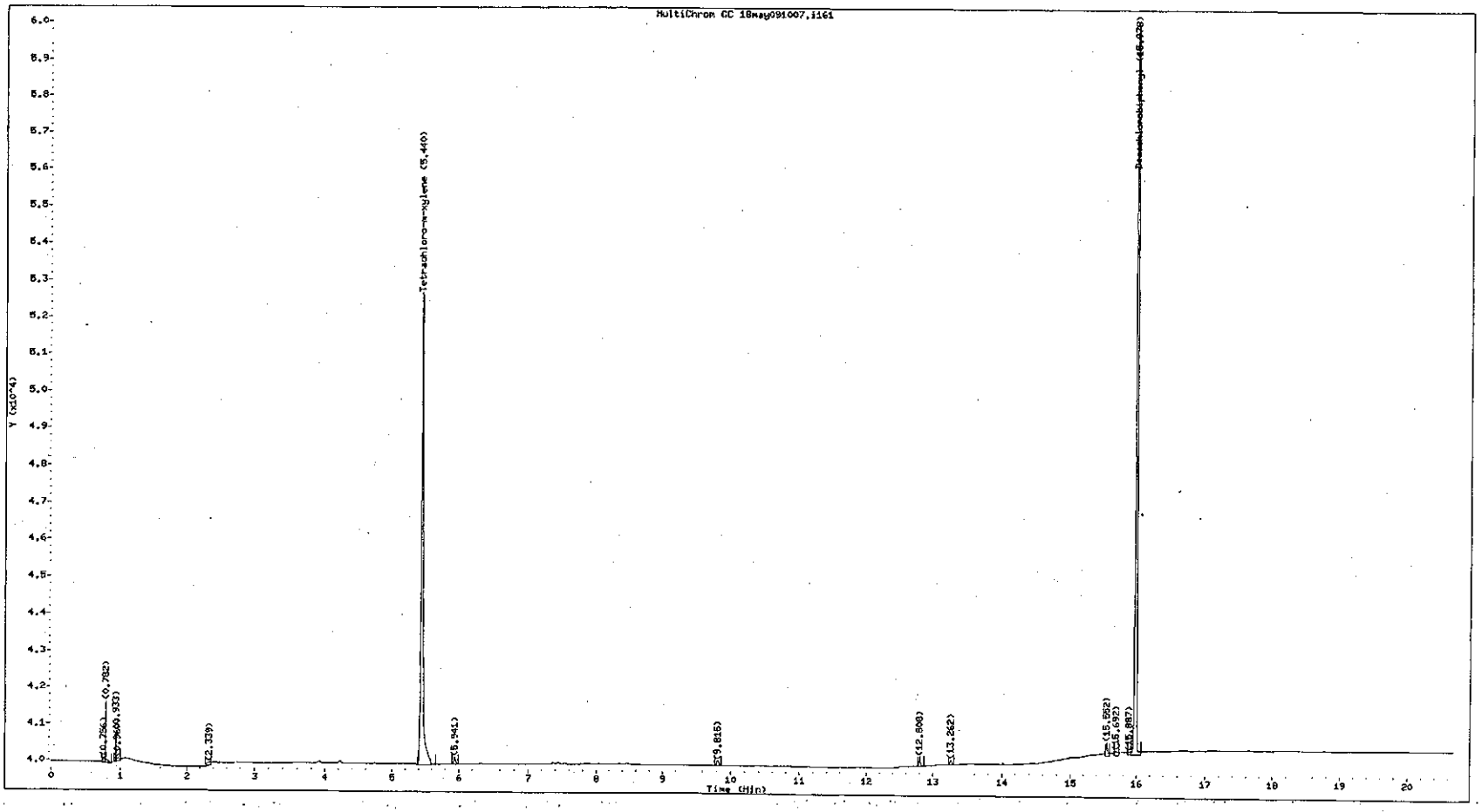
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI8	Client Sample ID: AIBLKI8

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:18
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r161.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:37 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI8 Client Sample ID: AIBLKI8

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:18
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r161.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:37 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.756			231	146			
	2	0.782			836	1706			
	3	0.933			354	856			
	4	0.960			301	97			
	5	2.339			327	87			
$	6	5.440	5.442	-0.003	27313	12780	0.02387290	a	Tetrachloro-m-xylene
	7	5.941			376	196			
	8	9.815			296	129			
	9	12.808			376	259			
	10	13.262			231	144			
	11	15.552			668	365			
	12	15.692			400	111			
	13	15.887			237	77			
$	14	15.978	15.981	-0.003	43584	29390	0.02357045	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.440	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.978	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI9(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI9

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R171

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

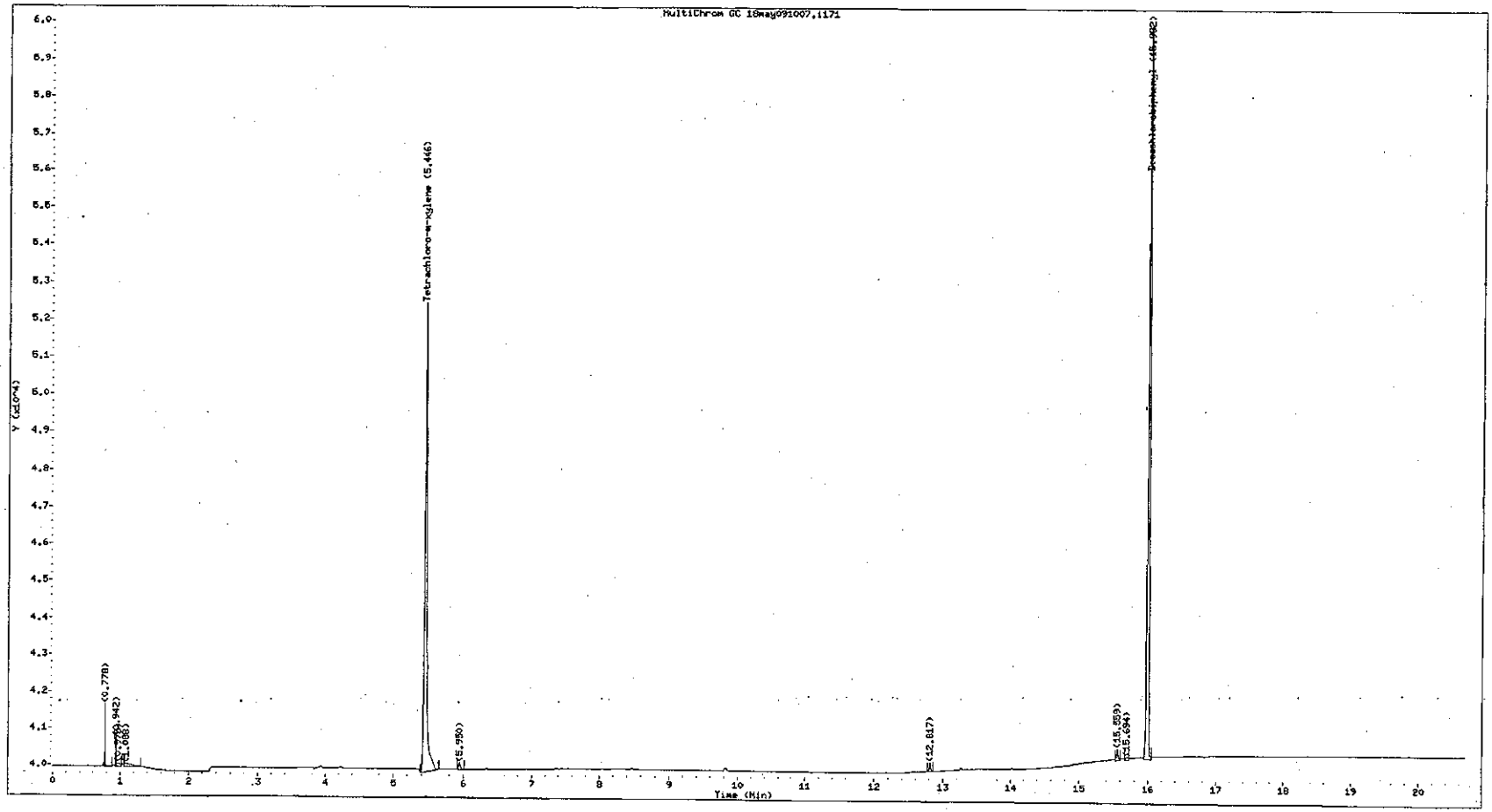
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI9	Client Sample ID: AIBLKI9

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:41
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r171.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:38 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI9 Client Sample ID: AIBLKI9

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:41
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r171.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:38 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.778			769	1730			
	2	0.942			373	832			
	3	0.975			344	105			
	4	1.088			747	91			
$	5	5.446	5.442	0.004	27754	12642	0.02361512	a	Tetrachloro-m-xylene
	6	5.950			412	203			
	7	12.817			360	252			
	8	15.559			556	315			
	9	15.694			233	80			
$	10	15.982	15.981	0.001	38543	25718	0.02062555	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.446	5.442	0.0200	Tetrachloro-m-xylene
	5.772	0.0000	Aroclor-1221
	6.051	0.0000	Aroclor-1232
	6.790	0.0000	Aroclor-1248
	6.794	0.0000	Aroclor-1016
	6.794	0.0000	Aroclor-1242
	10.740	0.0000	Aroclor-1254
	13.230	0.0000	Aroclor-1260
	13.316	0.0000	Aroclor-1262
	14.439	0.0000	Aroclor-1268
15.982	15.981	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG4(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG4

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091509-R231

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/15/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

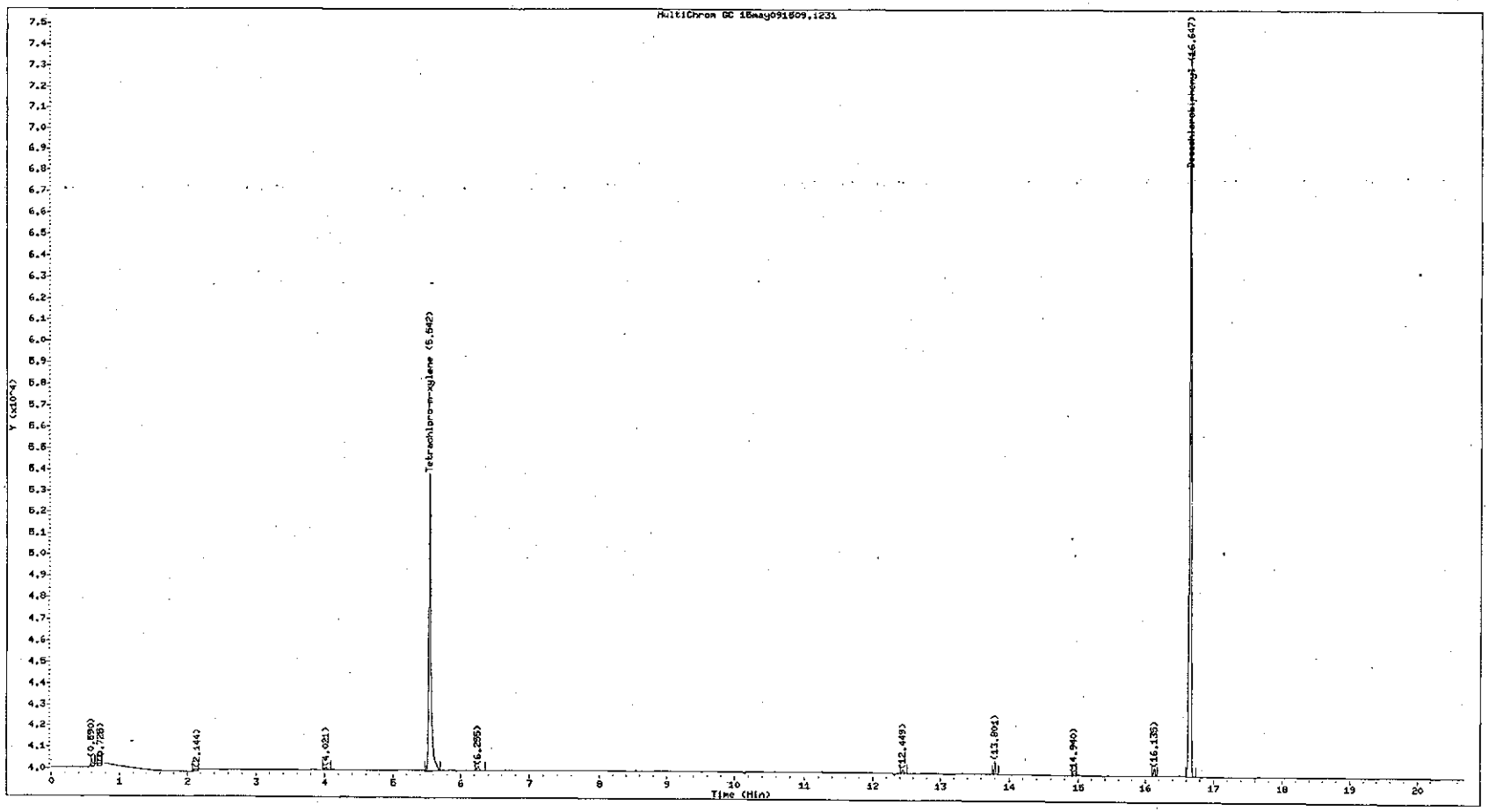
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG4	Client Sample ID: AIBLKG4

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:57
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091509-r231.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:43 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG4 Client Sample ID: AIBLKG4

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: JLB	Injection Date	: 15-MAY-2009 23:57
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091509-r231.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:43 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.590			655	358			
	2	0.725			443	123			
	3	2.144			356	72			
	4	4.021			299	111			
$	5	5.542	5.530	0.012	32507	13928	0.02037501	a	Tetrachloro-m-xylene
	6	6.255			498	210			
	7	12.449			431	194			
	8	13.801			794	640			
	9	14.940			235	86			
	10	16.135			676	406			
$	11	16.647	16.635	0.012	59220	33984	0.03996613	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.542	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.647	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG5(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG5

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091509-R291

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

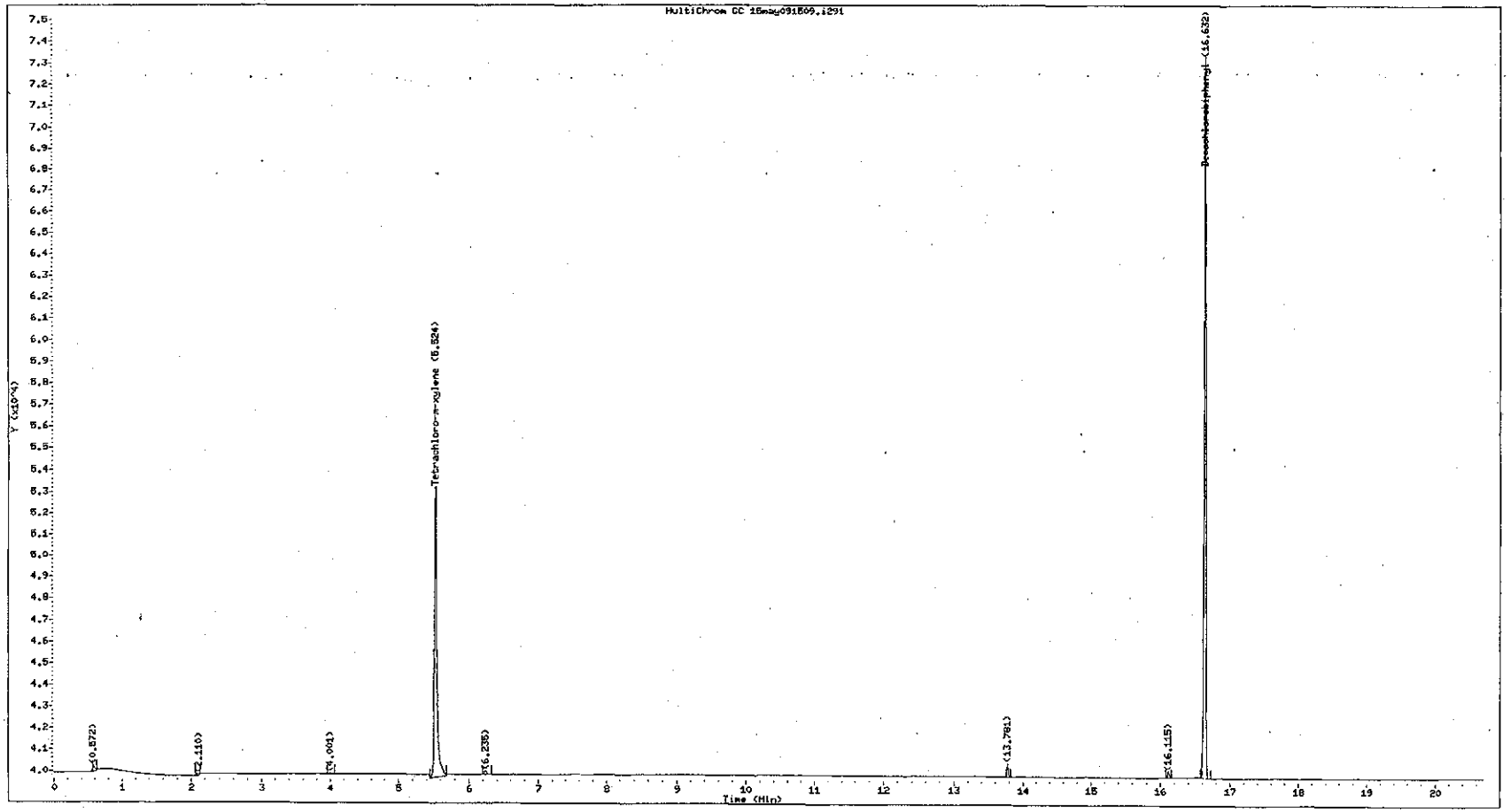
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG5	Client Sample ID: AIBLKG5

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: JLB	Injection Date	: 16-MAY-2009 02:20
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091509-r291.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:45 jb		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG5 Client Sample ID: AIBLKG5

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: JLB	Injection Date	: 16-MAY-2009 02:20
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091509-r291.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091509.b/SOM01PCB_RTX35_2009.m		
Reported	: 18-May-2009 11:45 jb		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.572			608	321			
	2	2.110			222	68			
	3	4.001			202	76			
$	4	5.524	5.530	-0.006	33236	13531	0.01979425	a	Tetrachloro-m-xylene
	5	6.235			549	209			
	6	13.781			825	667			
	7	16.115			588	360			
$	8	16.632	16.635	-0.004	59026	33654	0.03957804	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.524	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.632	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG6(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG6

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091517-R171

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

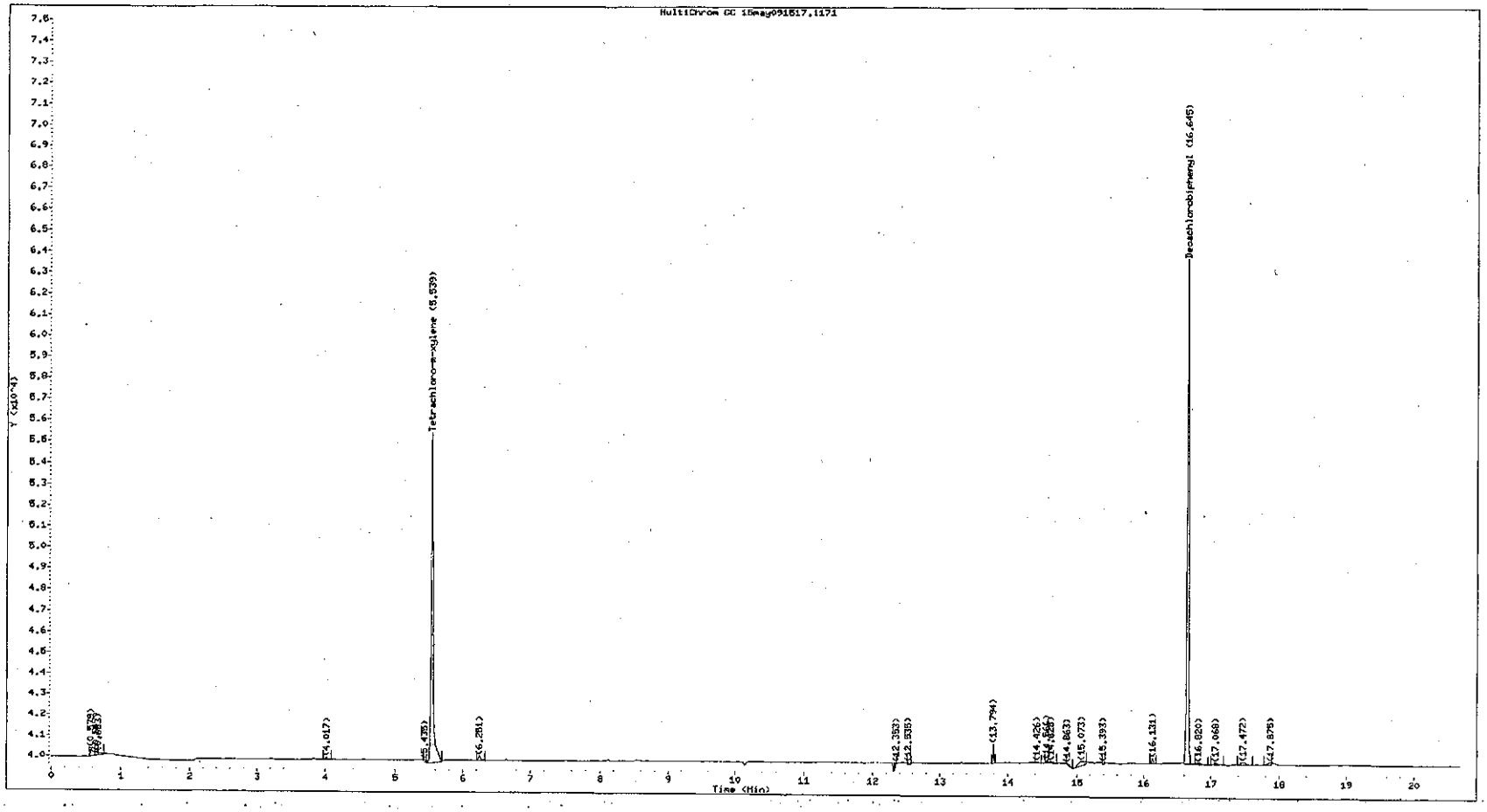
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG6	Client Sample ID: AIBLKG6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:28
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r171.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:51 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG6 Client Sample ID: AIBLKG6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:28
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r171.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:51 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.579			985	405			
	2	0.647			369	182			
	3	0.683			508	115			
	4	4.017			287	111			
	5	5.435			285	130			
$	6	5.539	5.530	0.010	34486	15697	0.02296285	a	Tetrachloro-m-xylene
	7	6.251			620	246			
	8	12.353			404	131			
	9	12.535			341	99			
	10	13.794			1107	952			
	11	14.426			261	76			
	12	14.566			263	172			
	13	14.628			544	102			
	14	14.863			243	64			
	15	15.073			1446	212			
	16	15.393			214	89			
	17	16.131			429	262			
$	18	16.645	16.635	0.010	42147	23861	0.02806120	aR	Decachlorobiphenyl
	19	16.820			389	69			
	20	17.068			467	96			
	21	17.472			942	146			
	22	17.875			564	133			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.539	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.645	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKG7(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKG7

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 15MAY091517-R181

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

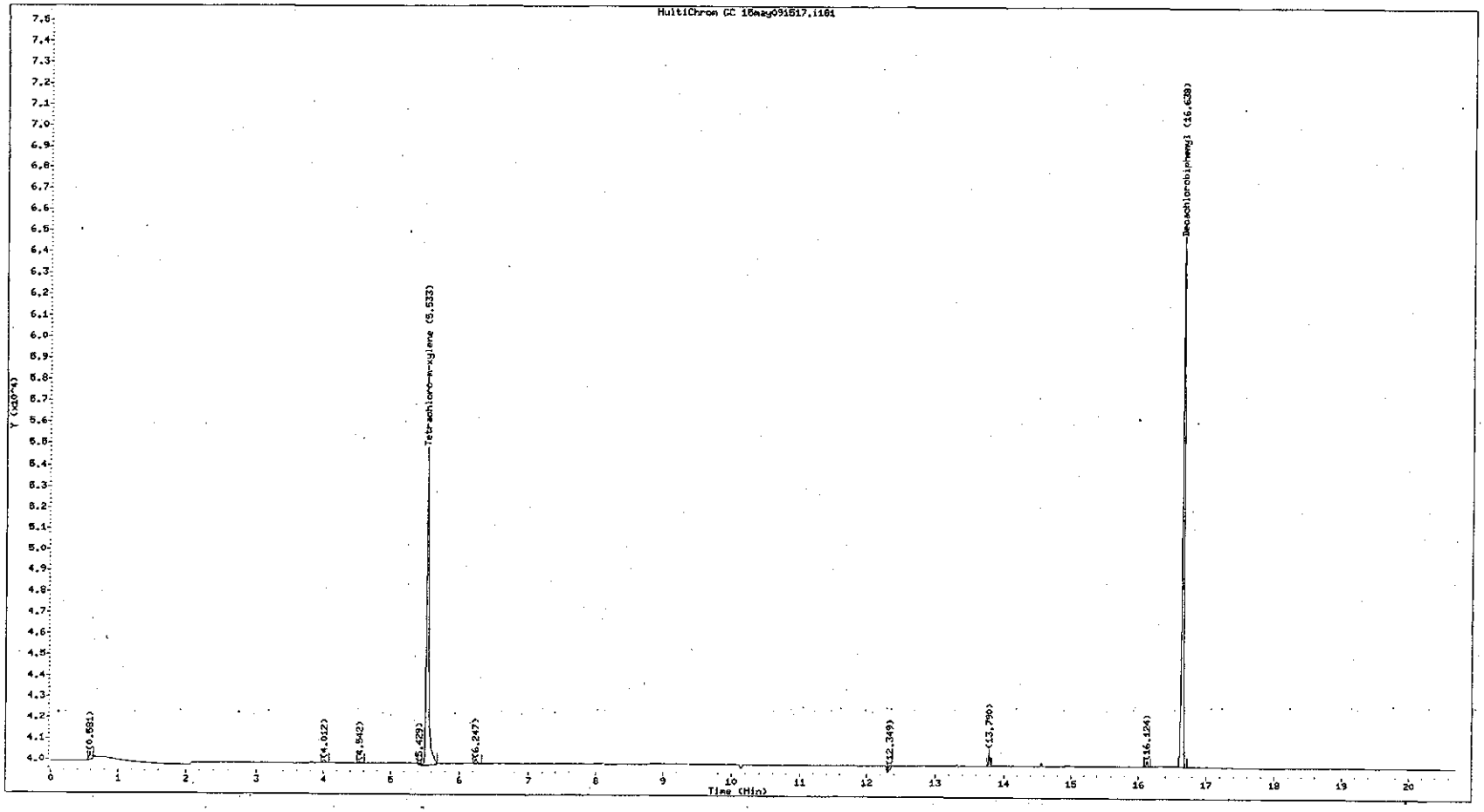
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKG7	Client Sample ID: AIBLKG7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:52
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r181.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:51 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKG7 Client Sample ID: AIBLKG7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 16-MAY-2009 09:52
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r181.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:51 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.581			779	362			
	2	4.012			417	159			
	3	4.542			205	80			
	4	5.429			238	97			
$	5	5.533	5.530	0.003	34394	15076	0.02205440	a	Tetrachloro-m-xylene
	6	6.247			654	242			
	7	12.349			385	124			
	8	13.790			986	807			
	9	16.124			488	288			
$	10	16.638	16.635	0.003	44447	24966	0.02936071	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.638	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKH9(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKH9

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY090735-R021

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

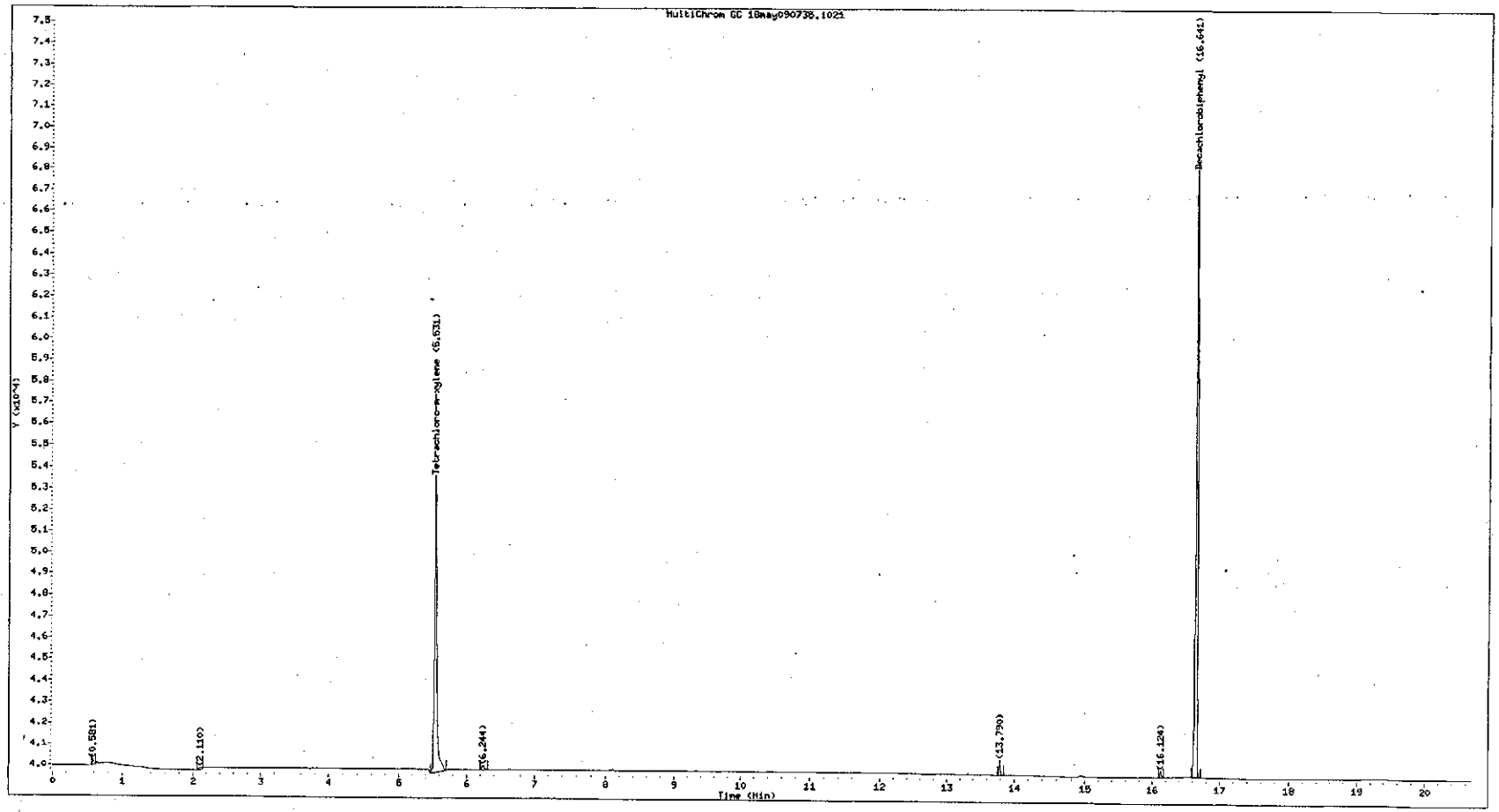
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKH9	Client Sample ID: AIBLKH9

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 08:21
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may090735-r021.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:01 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKH9 Client Sample ID: AIBLKH9

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 08:21
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may090735-r021.d		
Method	: /var/chem/5253_2.i/05i509_1/18MAY090735.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:01 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.581			475	283			
	2	2.110			333	91			
$	3	5.531	5.530	0.001	32225	13896	0.02032820	a	Tetrachloro-m-xylene
	4	6.244			536	219			
	5	13.790			904	717			
	6	16.124			483	311			
$	7	16.641	16.635	0.005	51912	29082	0.03420124	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.531	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.641	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI1(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI1

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R021

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

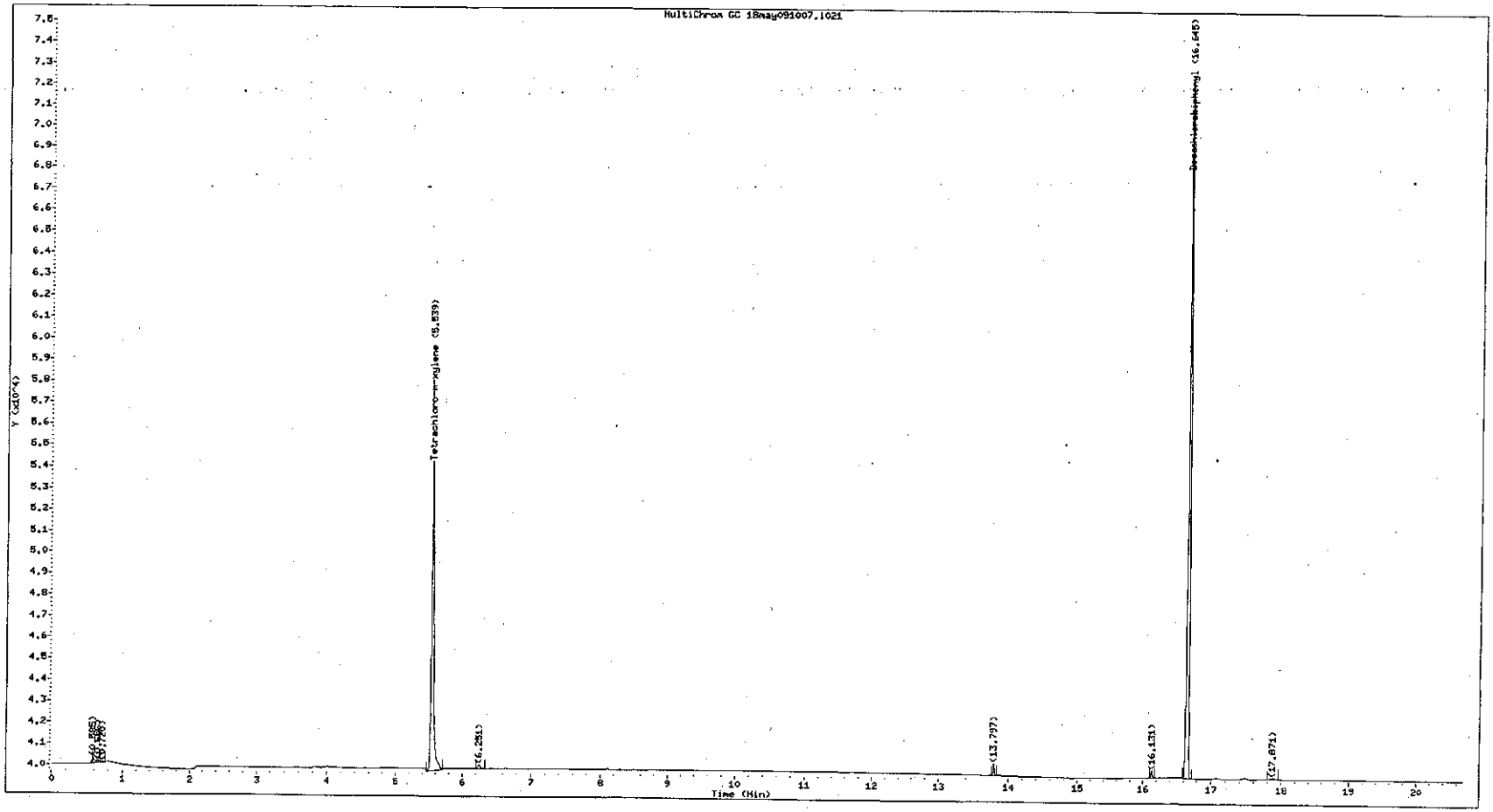
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI1	Client Sample ID: AIBLKI1

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 10:44
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r021.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:05 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI1 Client Sample ID: AIBLKI1

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 10:44
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r021.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:05 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.585			534	296			
	2	0.656			201	128			
	3	0.720			247	75			
$	4	5.539	5.530	0.010	34141	14491	0.02119861	a	Tetrachloro-m-xylene
	5	6.251			581	228			
	6	13.797			715	585			
	7	16.131			591	353			
$	8	16.645	16.635	0.010	57112	32927	0.03872307	a	Decachlorobiphenyl
	9	17.871			321	52			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.539	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.645	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI2(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI2

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R041

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

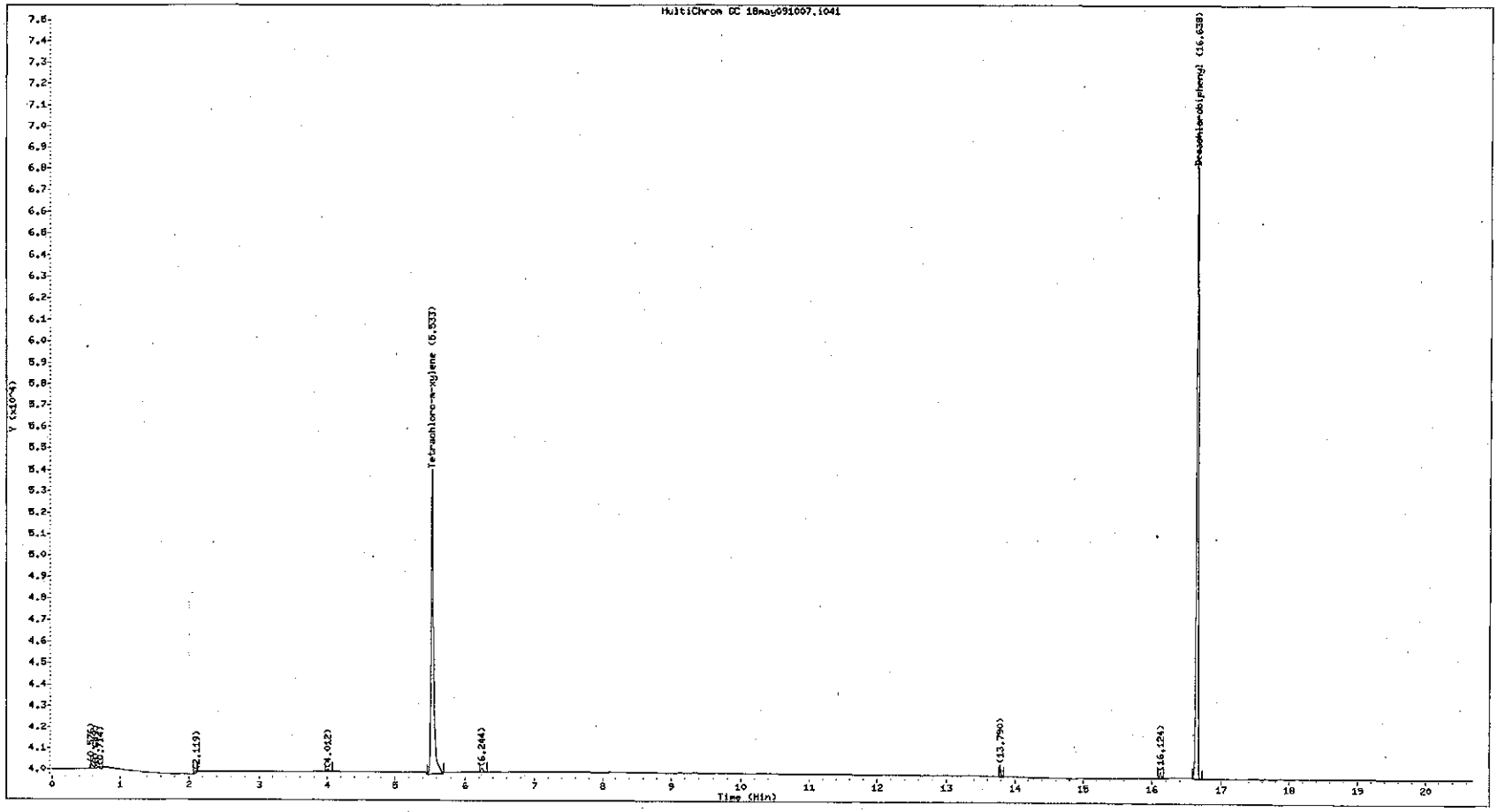
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI2	Client Sample ID: AIBLKI2

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:32
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r041.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:06 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI2 Client Sample ID: AIBLKI2

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:32
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r041.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:06 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.576			499	261			
	2	0.649			207	132			
	3	0.714			231	84			
	4	2.119			248	75			
	5	4.012			276	108			
$	6	5.533	5.530	0.003	33699	14209	0.02078608	a	Tetrachloro-m-xylene
	7	6.244			514	220			
	8	13.790			728	568			
	9	16.124			488	314			
$	10	16.638	16.635	0.003	53630	30775	0.03619226	a	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.638	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI3(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI3

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R061

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

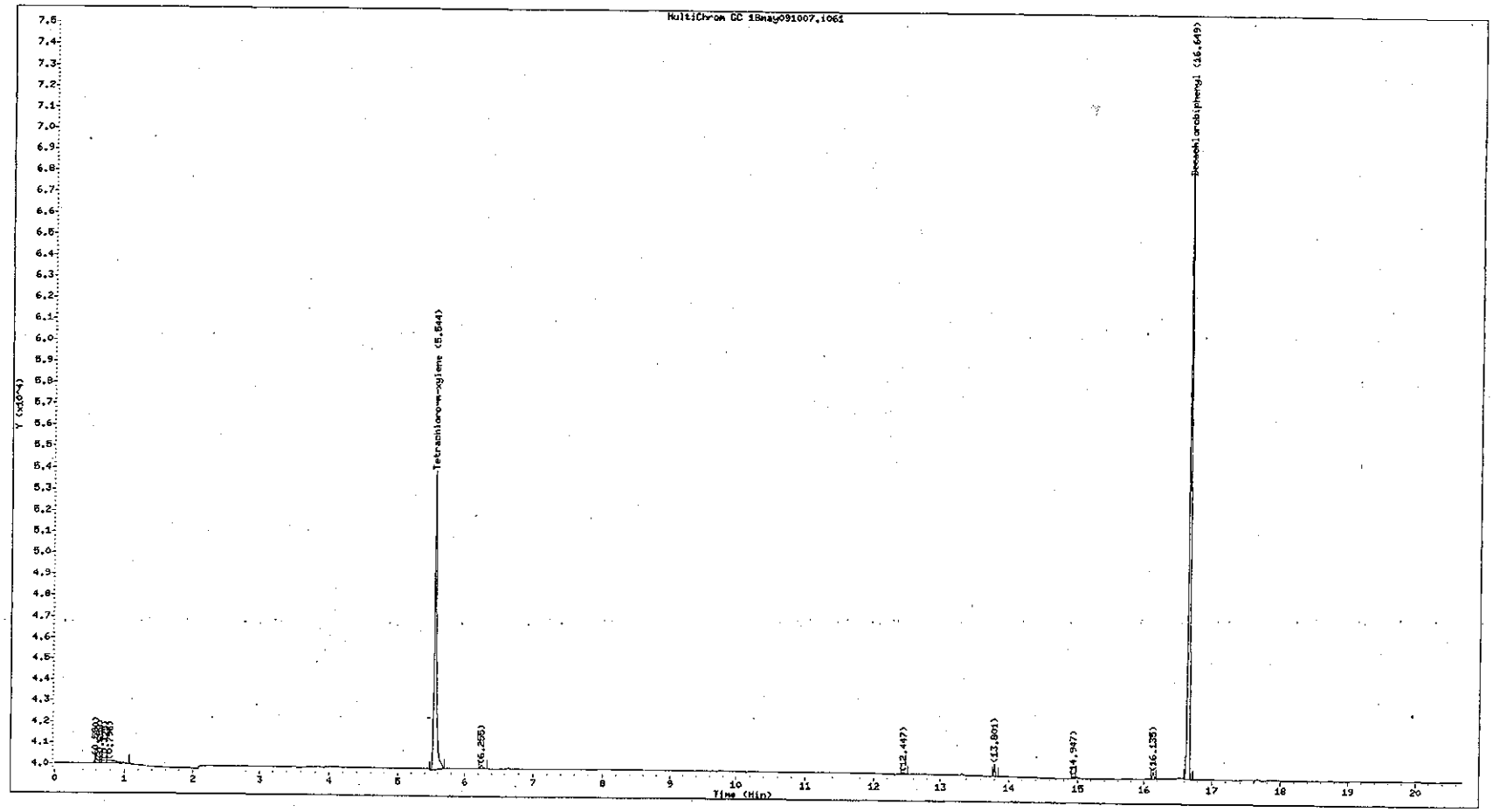
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI3	Client Sample ID: AIBLKI3

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 12:19
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r061.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:06 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI3 Client Sample ID: AIBLKI3

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 12:19
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r061.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:06 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.590			684	311			
	2	0.658			282	167			
	3	0.725			504	134			
	4	0.796			1495	136			
$	5	5.544	5.530	0.014	32965	14114	0.02064711	a	Tetrachloro-m-xylene
	6	6.255			484	212			
	7	12.447			211	82			
	8	13.801			702	591			
	9	14.947			237	88			
	10	16.135			523	322			
$	11	16.649	16.635	0.014	52352	29982	0.03525967	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.544	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.649	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI4(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI4

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R081

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

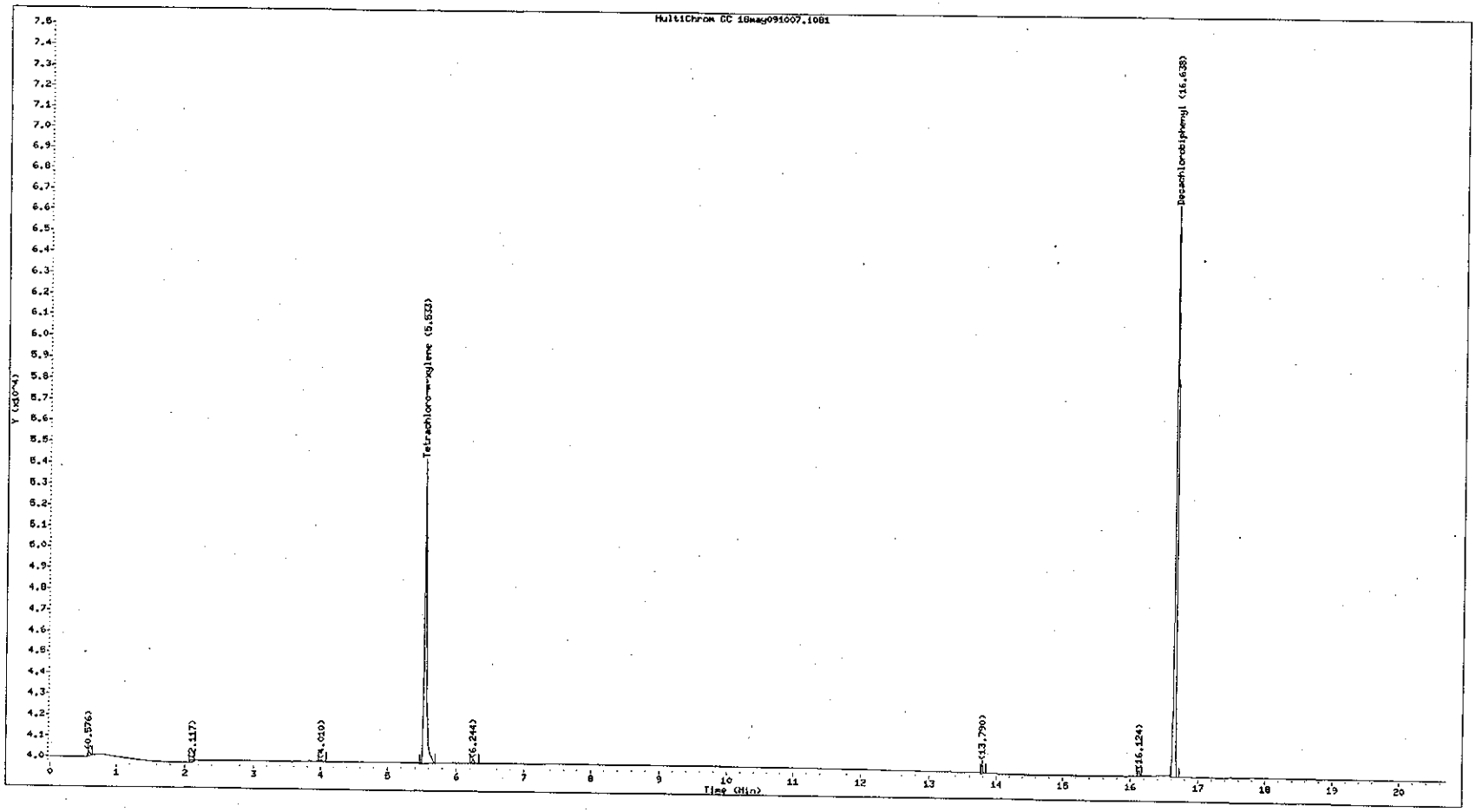
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI4	Client Sample ID: AIBLKI4

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 13:07
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r081.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:07 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI4 Client Sample ID: AIBLKI4

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 13:07
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r081.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:07 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.576			462	276			
	2	2.117			328	90			
	3	4.010			257	94			
$	4	5.533	5.530	0.003	32765	14433	0.02111376	a	Tetrachloro-m-xylene
	5	6.244			489	215			
	6	13.790			792	607			
	7	16.124			445	282			
$	8	16.638	16.635	0.003	47270	26923	0.03166220	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.533	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.638	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI5(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI5

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R101

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

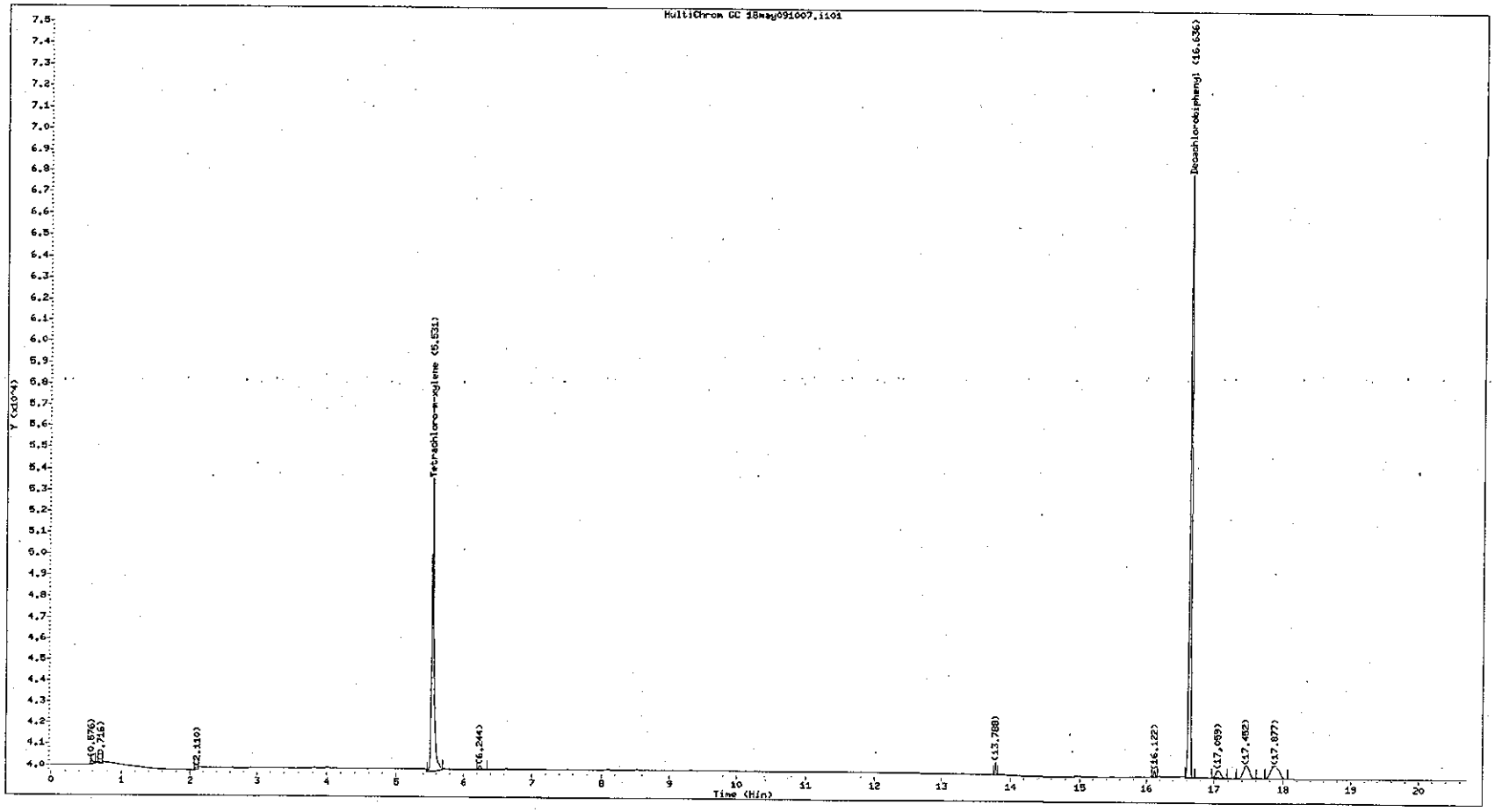
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI5	Client Sample ID: AIBLKI5

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 13:55
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r101.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:07 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI5 Client Sample ID: AIBLKI5

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 13:55
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r101.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:07 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.576			440	234			
	2	0.716			262	82			
	3	2.110			360	108			
$	4	5.531	5.530	0.001	33654	13826	0.02022580	a	Tetrachloro-m-xylene
	5	6.244			598	218			
	6	13.788			751	631			
	7	16.122			529	315			
$	8	16.636	16.635	0.001	49962	28277	0.03325454	aR	Decachlorobiphenyl
	9	17.059			1700	364			
	10	17.452			3629	601			
	11	17.877			5452	615			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.531	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.636	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI6(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI6

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R121

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

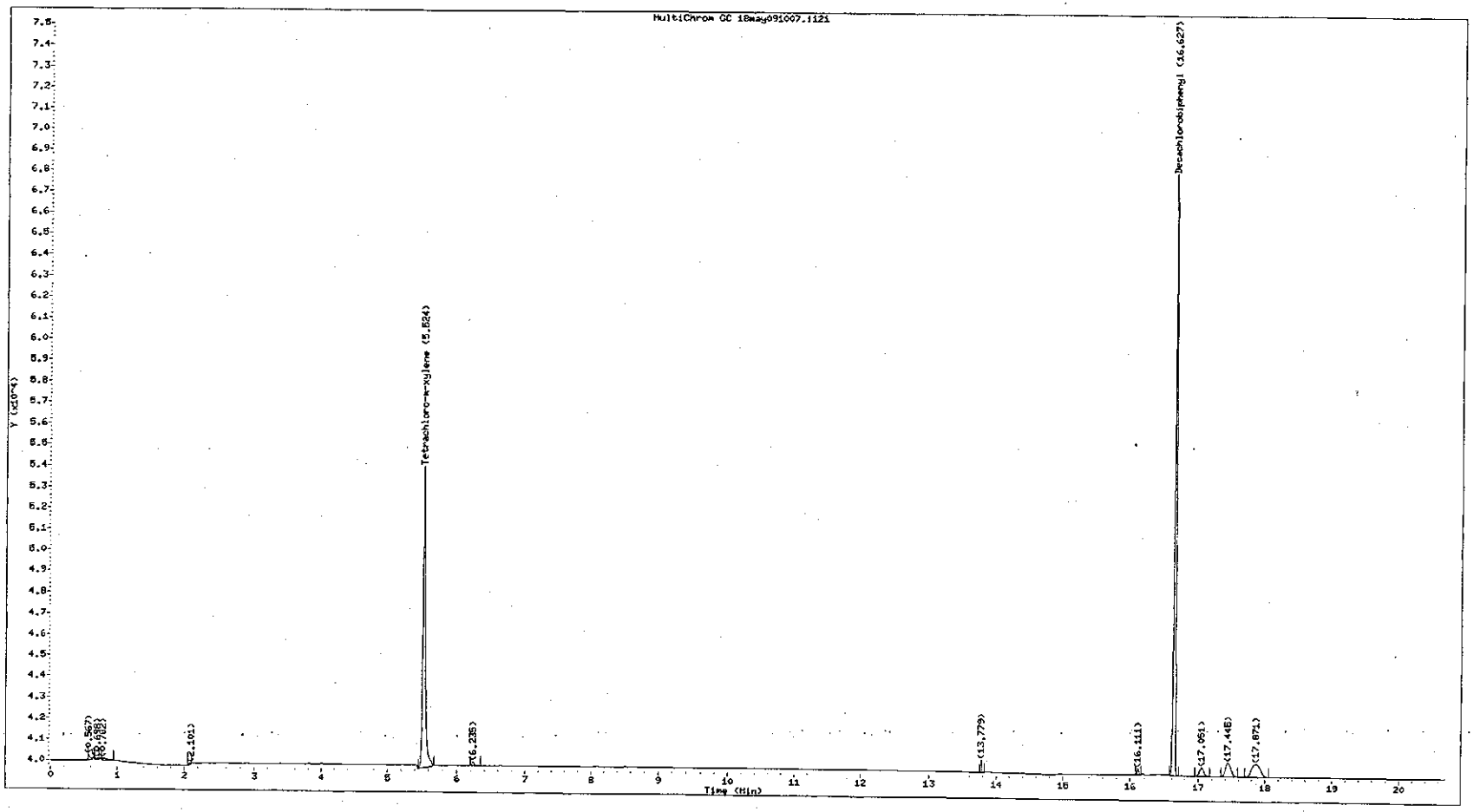
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI6	Client Sample ID: AIBLKI6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 14:42
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r121.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI6 Client Sample ID: AIBLKI6

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 14:42
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r121.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.567			500	260			
	2	0.698			239	78			
	3	0.782			540	89			
	4	2.101			233	79			
$	5	5.524	5.530	-0.006	33044	14307	0.02092944	a	Tetrachloro-m-xylene
	6	6.235			567	219			
	7	13.779			781	619			
	8	16.111			485	304			
$	9	16.627	16.635	-0.008	49620	28314	0.03329805	aR	Decachlorobiphenyl
	10	17.051			1971	423			
	11	17.445			3863	676			
	12	17.871			5694	633			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.524	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.627	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI7(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI7

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R141

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

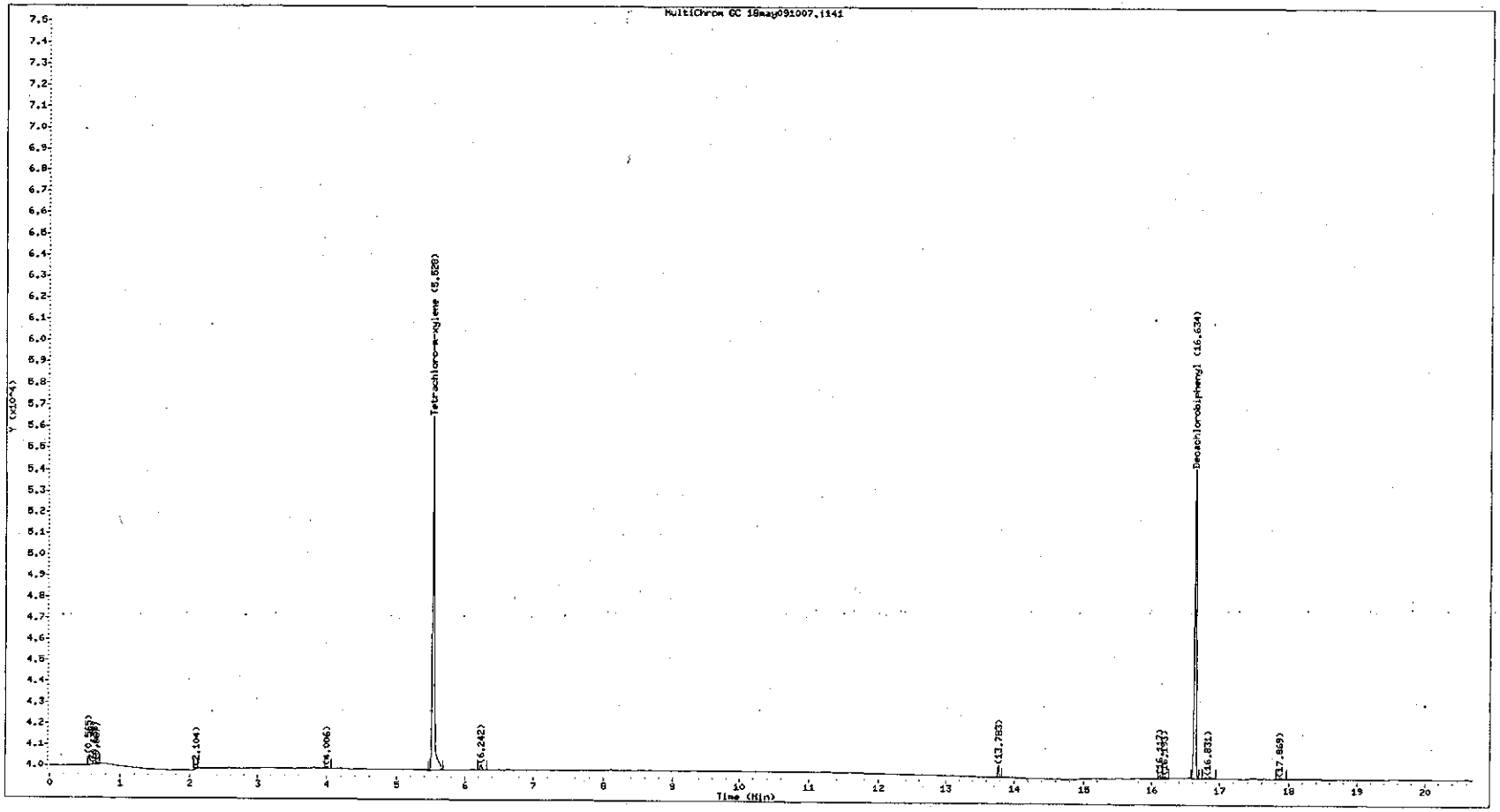
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI7	Client Sample ID: AIBLKI7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 15:30
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r141.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI7 Client Sample ID: AIBLKI7

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 15:30
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r141.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.565			919	450			
	2	0.638			231	142			
	3	0.667			226	83			
	4	2.104			213	68			
	5	4.006			224	99			
$	6	5.528	5.530	-0.001	32082	16663	0.02437599	a	Tetrachloro-m-xylene
	7	6.242			471	235			
	8	13.783			713	569			
	9	16.117			283	166			
	10	16.193			244	93			
$	11	16.634	16.635	-0.001	25900	14543	0.01710297	aR	Decachlorobiphenyl
	12	16.831			624	106			
	13	17.869			297	50			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.528	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.634	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI8(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI8

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R161

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

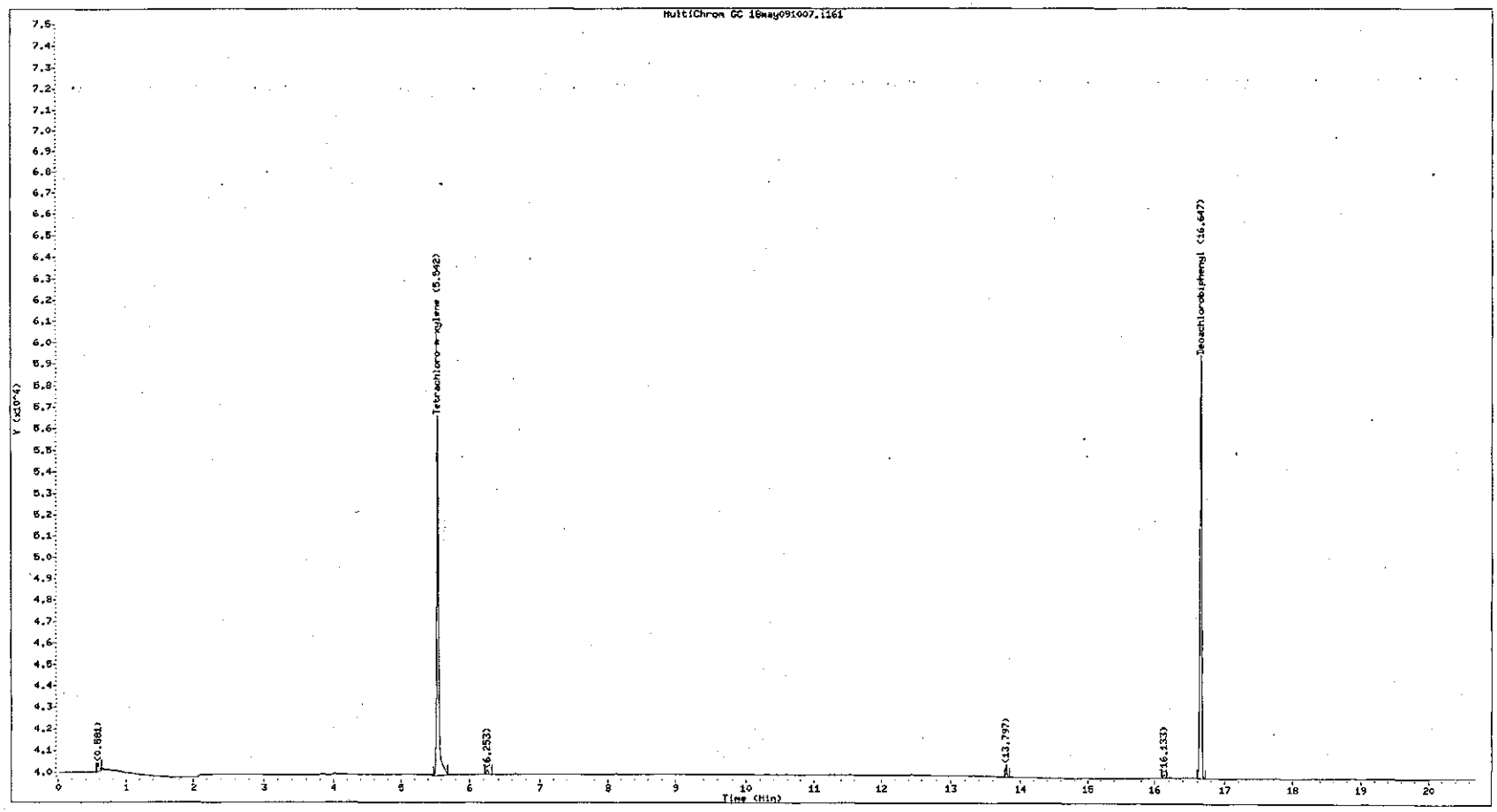
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI8	Client Sample ID: AIBLKI8

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:18
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r161.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI8 Client Sample ID: AIBLKI8

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:18
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r161.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.581			811	426			
$	2	5.542	5.530	0.012	33318	16750	0.02450326	a	Tetrachloro-m-xylene
	3	6.253			541	251			
	4	13.797			748	593			
	5	16.133			361	218			
$	6	16.647	16.635	0.012	34632	19615	0.02306779	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.542	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.647	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
AIBLKI9(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: AIBLKI9

Sample wt/vol: 1000 (g/mL) mL Lab File ID: 18MAY091007-R171

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted:

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

Acid Cleanup: (Y/N) N

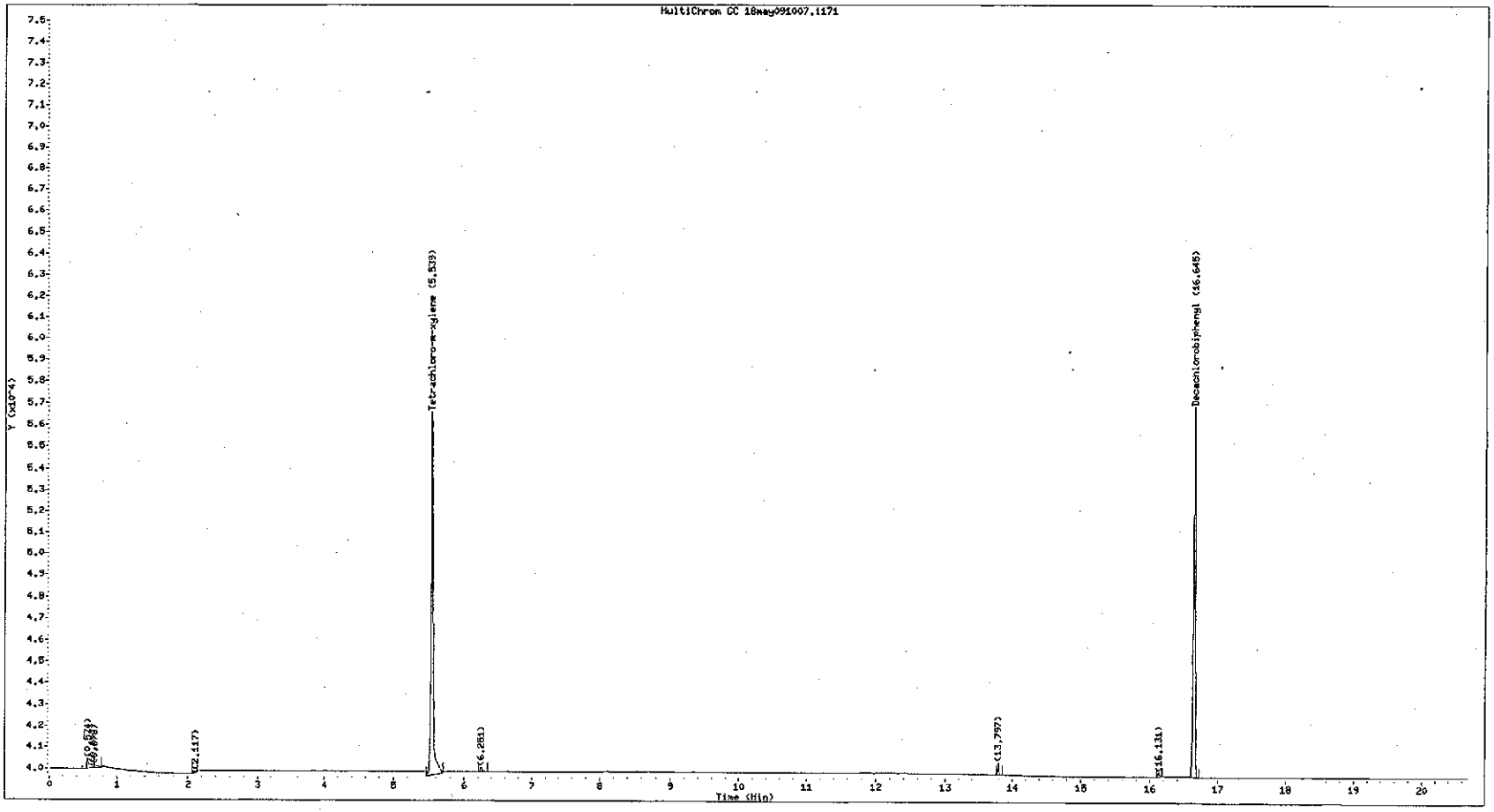
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: AIBLKI9	Client Sample ID: AIBLKI9

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:41
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r171.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: AIBLKI9 Client Sample ID: AIBLKI9

Matrix	: WATER	Sample Type	: CCALIB_6
Analyst	: DPD	Injection Date	: 18-MAY-2009 16:41
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r171.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:08 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.574			941	435			
	2	0.647			315	176			
	3	0.678			531	107			
	4	2.117			296	88			
$	5	5.539	5.530	0.010	34246	16851	0.02465101	a	Tetrachloro-m-xylene
	6	6.251			541	243			
	7	13.797			768	592			
	8	16.131			321	198			
$	9	16.645	16.635	0.010	30567	17121	0.02013477	aR	Decachlorobiphenyl

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Calibration Amount (ng)	Target Compound
5.539	5.530	0.0200	Tetrachloro-m-xylene
	6.224	0.0000	Aroclor-1221
	6.628	0.0000	Aroclor-1016
	6.634	0.0000	Aroclor-1232
	7.532	0.0000	Aroclor-1248
	7.543	0.0000	Aroclor-1242
	11.694	0.0000	Aroclor-1254
	13.085	0.0000	Aroclor-1262
	13.754	0.0000	Aroclor-1260
	14.876	0.0000	Aroclor-1268
16.645	16.635	0.0400	Decachlorobiphenyl

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E2QQ1MS(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: 794701MS

Sample wt/vol: 30.2 (g/mL) g Lab File ID: 18MAY091007-R031

% Moisture: 68 Decanted: (Y/N) N Date Received: 05/07/2009

Extraction: (Type) SONC Date Extracted: 05/08/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 30.0

GPC Cleanup: (Y/N) N pH: 6.9 Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	3100	U
11104-28-2	Aroclor-1221	3100	U
11141-16-5	Aroclor-1232	3100	U
53469-21-9	Aroclor-1242	3100	U
12672-29-6	Aroclor-1248	24000	
11097-69-1	Aroclor-1254	11000	
11096-82-5	Aroclor-1260	1700	J
37324-23-5	Aroclor-1262	3100	U
11100-14-4	Aroclor-1268	3100	U

SOM01.2

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E2QQ1MS(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: 794701MS

Sample wt/vol: 30.2 (g/mL) g Lab File ID: 18MAY091007-R031

% Moisture: 68 Decanted: (Y/N) N Date Received: 05/07/2009

Extraction: (Type) SONC Date Extracted: 05/08/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 30.0

GPC Cleanup: (Y/N) N pH: 6.9 Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

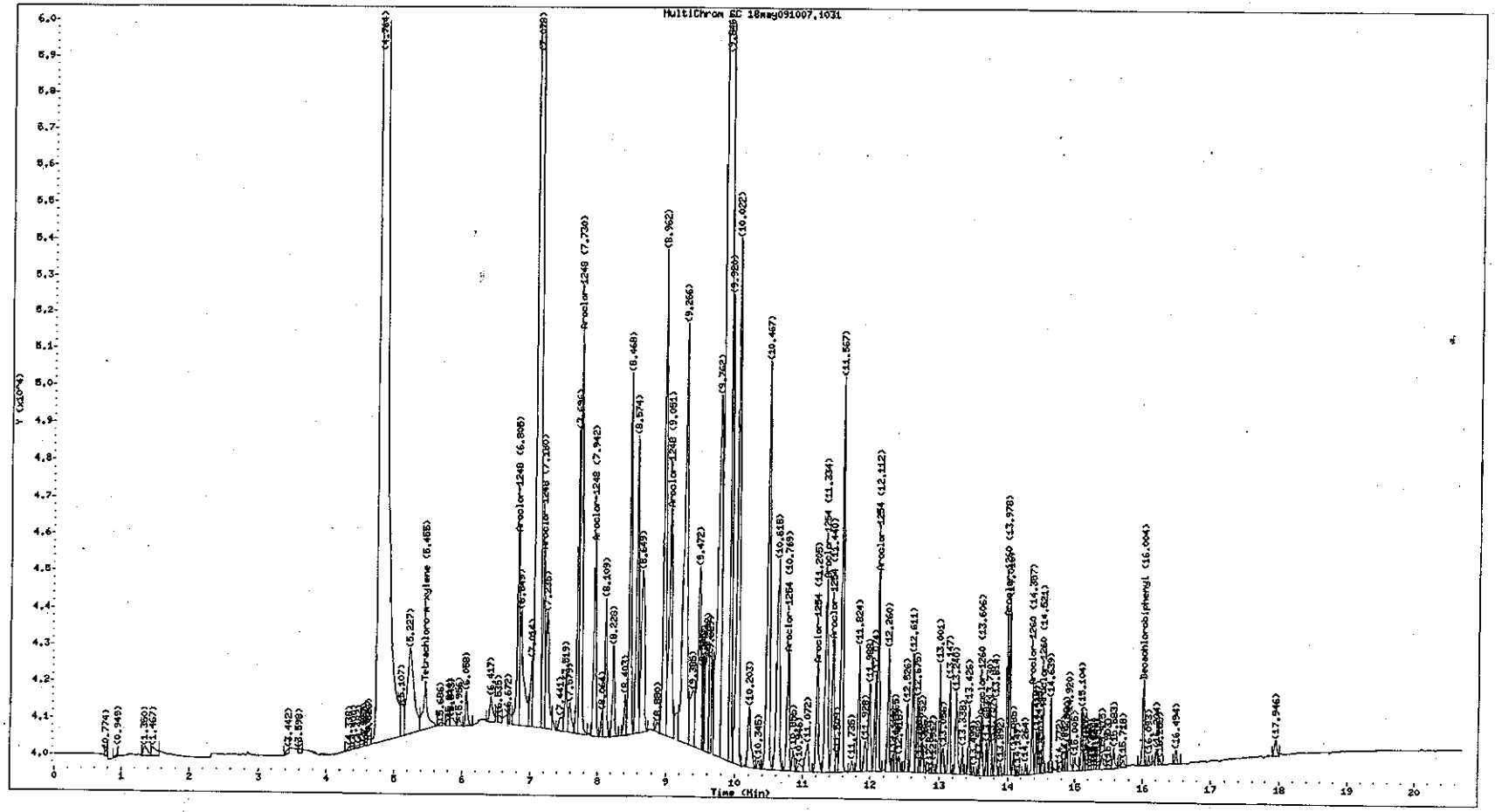
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	3100	U
11104-28-2	Aroclor-1221	3100	U
11141-16-5	Aroclor-1232	3100	U
53469-21-9	Aroclor-1242	3100	U
12672-29-6	Aroclor-1248	21000	
11097-69-1	Aroclor-1254	12000	
11096-82-5	Aroclor-1260	1400	J
37324-23-5	Aroclor-1262	3100	U
11100-14-4	Aroclor-1268	3100	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 794701MS	Client Sample ID: E2QQ1MS

Matrix	: SOIL	Sample Type	: MS
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:08
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 30.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r031.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 22-May-2009 13:13 ktl		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 794701MS Client Sample ID: E2QQ1MS

Matrix : SOIL Sample Type : MS
Analyst : DPD Injection Date : 18-MAY-2009 11:08
Instrument : 5253_1.i Injection Vol. (ul): 1.0
Column : RTX-5 Dilution Factor : 30.0
Integrator : Falcon Compound Sublist : all
Data File : 18may091007-r031.d
Method : /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m
Reported : 22-May-2009 13:13 ktl

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.774			273	147			
	2	0.949			274	277			
	3	1.350			1146	249			
	4	1.467			1214	245			
	5	3.442			310	123			
	6	3.598			382	121			
	7	4.338			269	107			
	8	4.400			315	101			
	9	4.482			312	71			
	10	4.557			322	89			
	11	4.597			236	122			
	12	4.626			549	169			
	13	4.764			647630	181652			
	14	5.107			2938	845			
	15	5.227			16301	2317			
$	16	5.455	5.442	0.013	6038	1297	0.00242278	aM	Tetrachloro-m-xylene
	17	5.686			298	93			
	18	5.814			614	188			
	19	5.843			939	212			
	20	5.956			522	231			
	21	6.058			2085	918			
	22	6.417			2052	651			
	23	6.535			644	187			
	24	6.672			502	260			
	25	6.805	6.790	0.015	12102	5212	0.70997293	M	Aroclor-1248
	26	6.849			11596	3115			
	27	7.014			4553	1834			
	28	7.078			358079	146602			
	29	7.180	7.163	0.017	11329	4805	0.85302798	M	Aroclor-1248
	30	7.235			10113	3163			
	31	7.441			1488	370			
	32	7.519			3280	1370			
	33	7.579			2602	785			
	34	7.696			14290	8196			
	35	7.730	7.710	0.019	25628	10908	0.80553120	M	Aroclor-1248
	36	7.942	7.922	0.021	12767	5274	0.66515323	M	Aroclor-1248
	37	8.064			1251	686			
	38	8.109			8458	3748			
	39	8.228			5488	2459			
	40	8.403			2323	1079			
	41	8.468			21090	9747			
	42	8.574			17371	8031			
	43	8.649			15028	4368			
	44	8.880			734	250			
	45	8.962			29031	13113			
	46	9.051	9.029	0.021	18977	6185	0.76277980	M	Aroclor-1248
	47	9.266			40268	11302			
	48	9.385			7463	1484			
	49	9.472			17499	4902			
	50	9.523			1761	2214			
	51	9.547			3949	2324			
	52	9.592			9727	2674			
	53	9.629			5561	2638			
	54	9.762			38268	9736			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	9.846			2218312	884738			
56	9.920			25945	12599			
57	10.022			37843	14212			
58	10.203			4707	1612			
59	10.345			571	212			
60	10.467			29948	10973			
61	10.618			17981	5673			
62	10.769	10.740	0.028	7788	3206	0.32916234	M	Aroclor-1254
63	10.855			1323	540			
64	10.946			943	225			
65	11.072			2700	771			
66	11.205	11.180	0.025	7083	2945	0.33274016	M	Aroclor-1254
67	11.334	11.304	0.029	15262	5209	0.28423515	M	Aroclor-1254
68	11.440	11.411	0.029	8712	3595	0.55215313	M	Aroclor-1254
69	11.509			868	501			
70	11.567			21855	10639			
71	11.735			670	311			
72	11.824			6645	3406			
73	11.928			1890	811			
74	11.988			5298	2361			
75	12.074			4339	2600			
76	12.112	12.080	0.032	10104	5388	0.21637142	M	Aroclor-1254
77	12.260			5879	3321			
78	12.334			704	467			
79	12.365			1536	849			
80	12.418			728	429			
81	12.526			3054	1829			
82	12.611			6426	3202			
83	12.675			3206	2009			
84	12.708			427	324			
85	12.752			1381	841			
86	12.786			457	310			
87	12.872			263	175			
88	12.912			546	309			
89	13.001			5025	2940			
90	13.056			1512	685			
91	13.147			4214	2514			
92	13.240			5095	2193			
93	13.338			1029	741			
94	13.426			2684	1868			
95	13.499			318	246			
96	13.582			401	398			
97	13.606	13.578	0.028	2977	1624	0.05428080	aMR	Aroclor-1260
98	13.683			1172	907			
99	13.730			2834	1900			
100	13.757			1059	885			
101	13.814			2996	2050			
102	13.892			422	333			
103	13.978	13.949	0.029	5438	4277	0.04903073	aMR	Aroclor-1260
104	14.016			6040	4768			
105	14.085			897	617			
106	14.147			214	169			
107	14.264			470	309			
108	14.357	14.332	0.026	3747	2388	0.05176913	aMR	Aroclor-1260
109	14.419			1378	1122			
110	14.457			1521	1253			
111	14.490			204	175			
112	14.521	14.494	0.027	2374	1796	0.05882666	aMR	Aroclor-1260
113	14.639			2420	1974			
114	14.772			365	167			
115	14.852			362	258			
116	14.880			1028	750			
117	14.920			2367	1414			
118	15.005			1004	361			
119	15.104			2391	1657			
120	15.142			653	430			
121	15.180			385	187			
122	15.240			322	127			
123	15.279			257	142			
124	15.306			258	142			
125	15.353			302	124			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
126	15.415			1057	386			
127	15.503			406	119			
128	15.583			1104	538			
129	15.718			579	200			
$ 130	16.004	15.981	0.023	3724	2277	0.00182613	a	Decachlorobiphenyl
131	16.093			453	245			
132	16.204			711	421			
133	16.255			275	157			
134	16.494			652	362			
135	17.946			1056	422			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

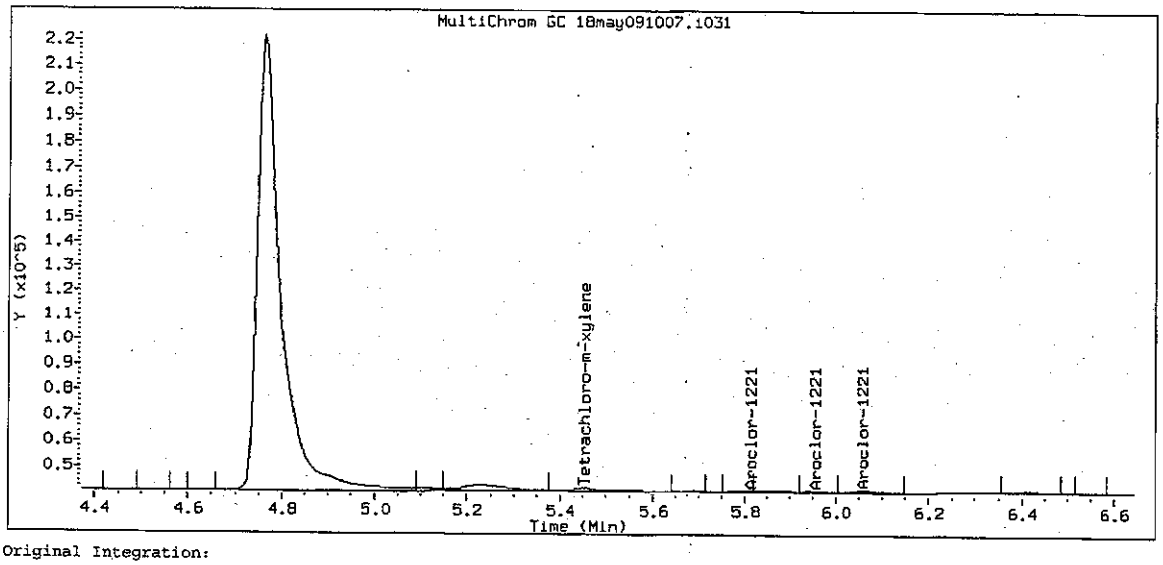
Peak RT	Expected RT	Target Compound
5.455	5.442	Tetrachloro-m-xylene
	5.772	Aroclor-1221
	6.051	Aroclor-1232
	6.794	Aroclor-1016
	6.794	Aroclor-1242
6.805	6.790	Aroclor-1248
10.769	10.740	Aroclor-1254
	13.316	Aroclor-1262
13.230	13.230	Aroclor-1260
	14.439	Aroclor-1268
16.004	15.981	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Tetrachloro-m-xylene

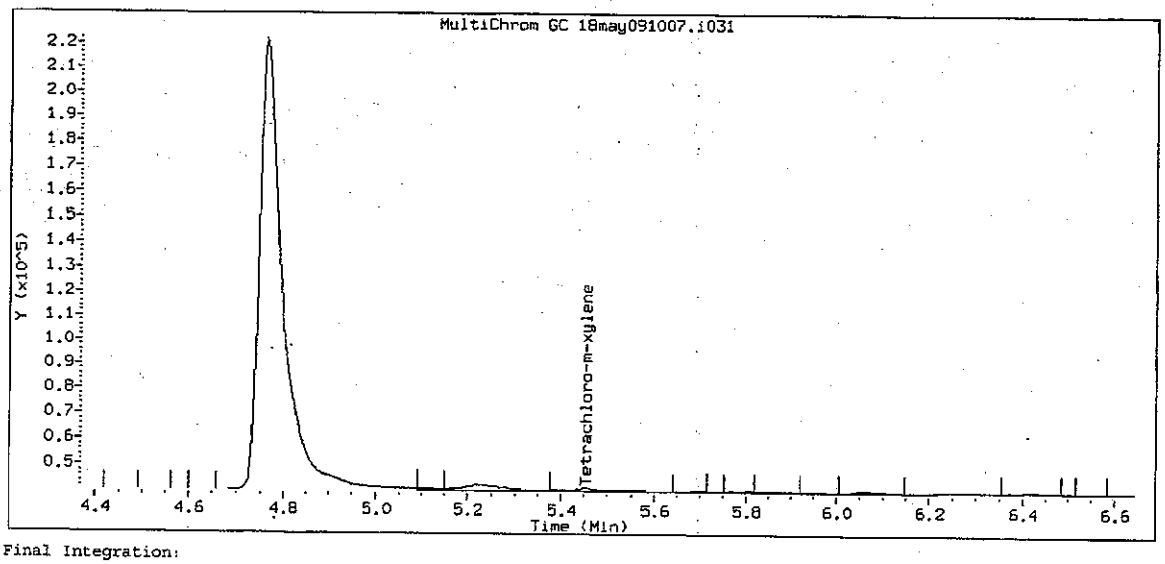
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_1.i
CAS #: 877-09-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 5.4552 Height = 1417



Final Integration:

RT = 5.4552 Height = 1297

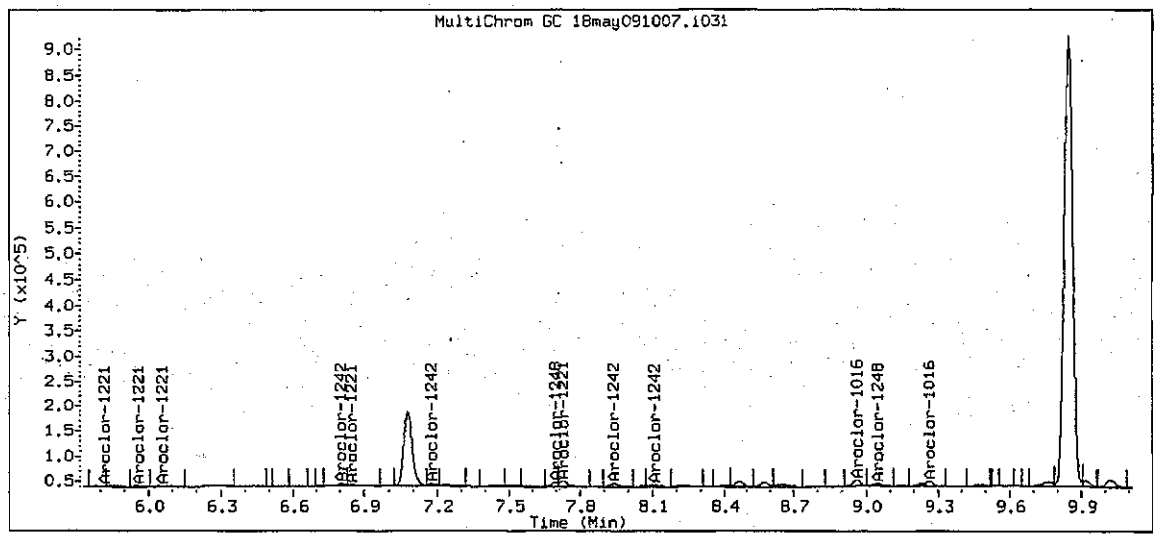
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Aroclor-1248

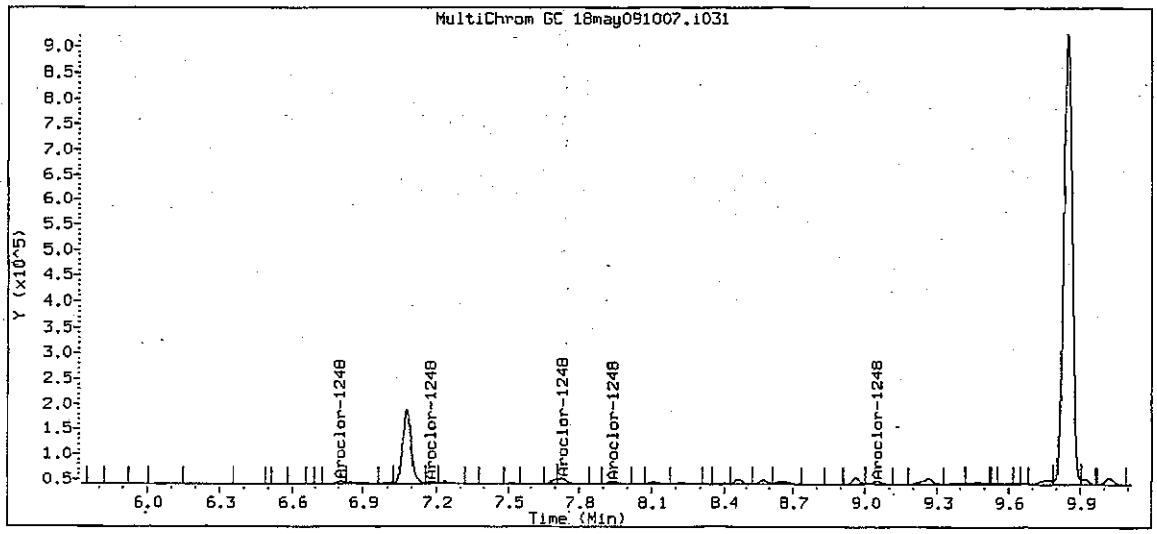
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_1.i
CAS #: 12672-29-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 6.8052 Height = 5067
RT = 7.1798 Height = 4640
RT = 7.6963 Height = 8161
RT = 7.9423 Height = 5254
RT = 9.0506 Height = 5614



Final Integration:

RT = 6.8052 Height = 5212
RT = 7.1798 Height = 4805
RT = 7.7295 Height = 10908
RT = 7.9423 Height = 5274
RT = 9.0506 Height = 6185

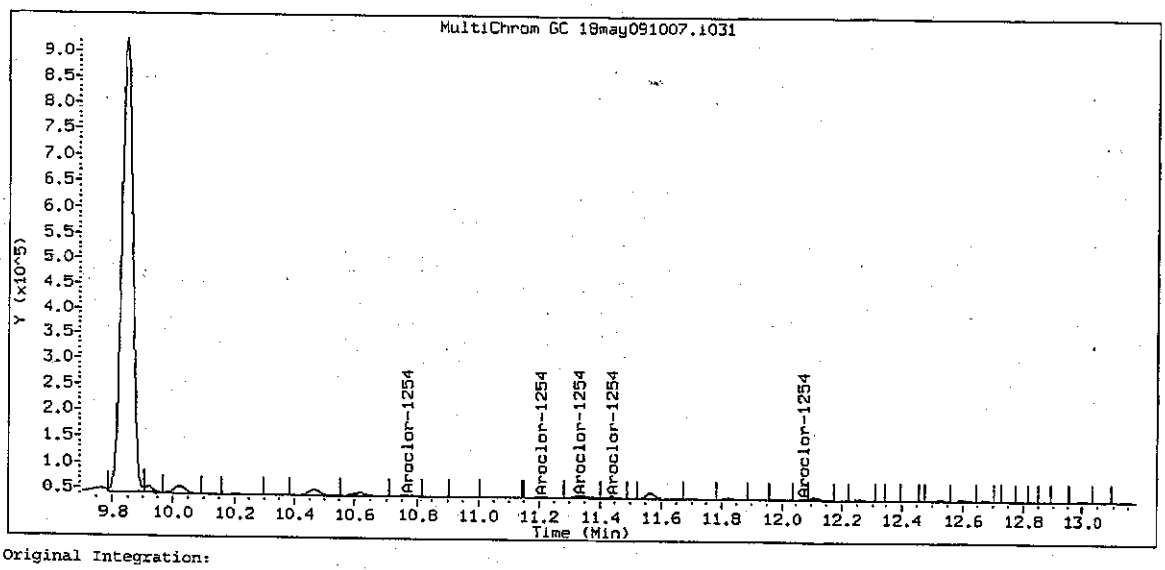
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Aroclor-1254

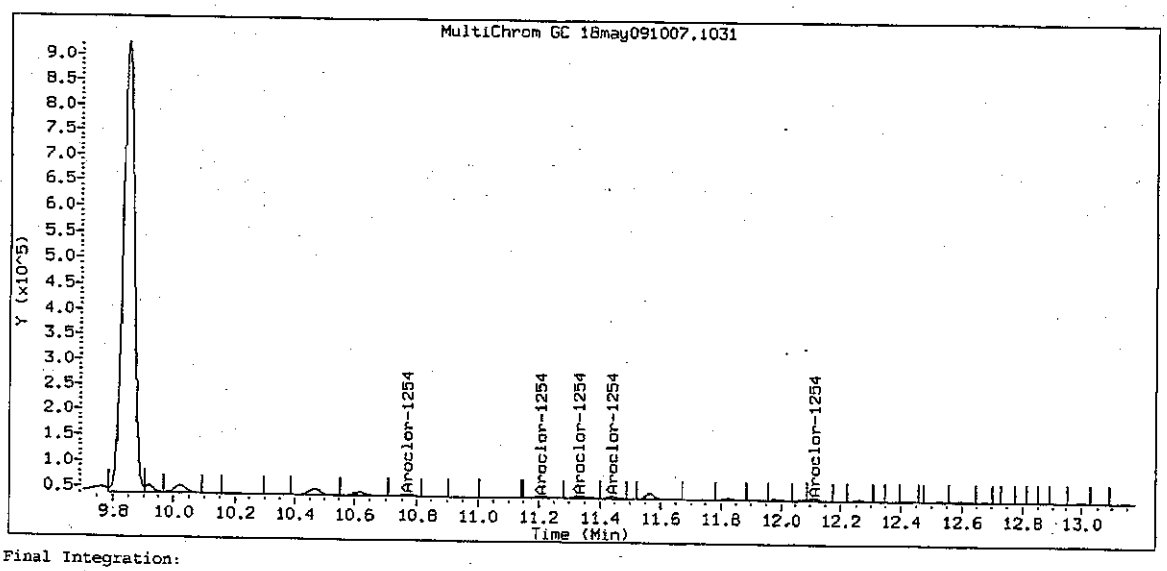
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_1.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 10.7686 Height = 3180
RT = 11.2052 Height = 2945
RT = 11.3338 Height = 5209
RT = 11.4402 Height = 3595
RT = 12.0742 Height = 2600



Final Integration:

RT = 10.7686 Height = 3206
RT = 11.2052 Height = 2945
RT = 11.3338 Height = 5209
RT = 11.4402 Height = 3595
RT = 12.1119 Height = 5388

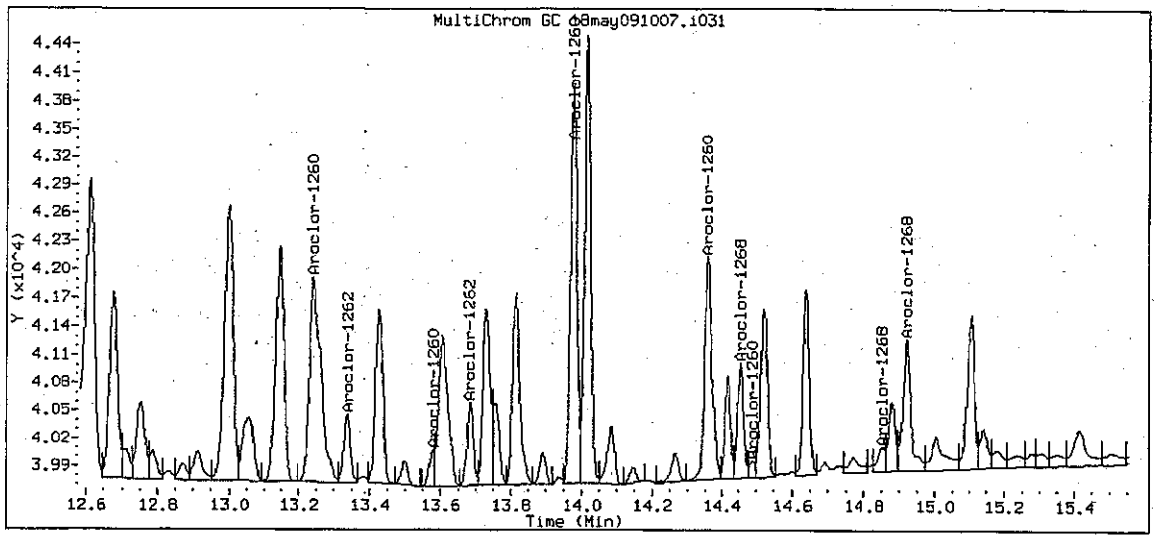
Manual Integration Reason: MI3 - Mis-identification of peak

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Aroclor-1260

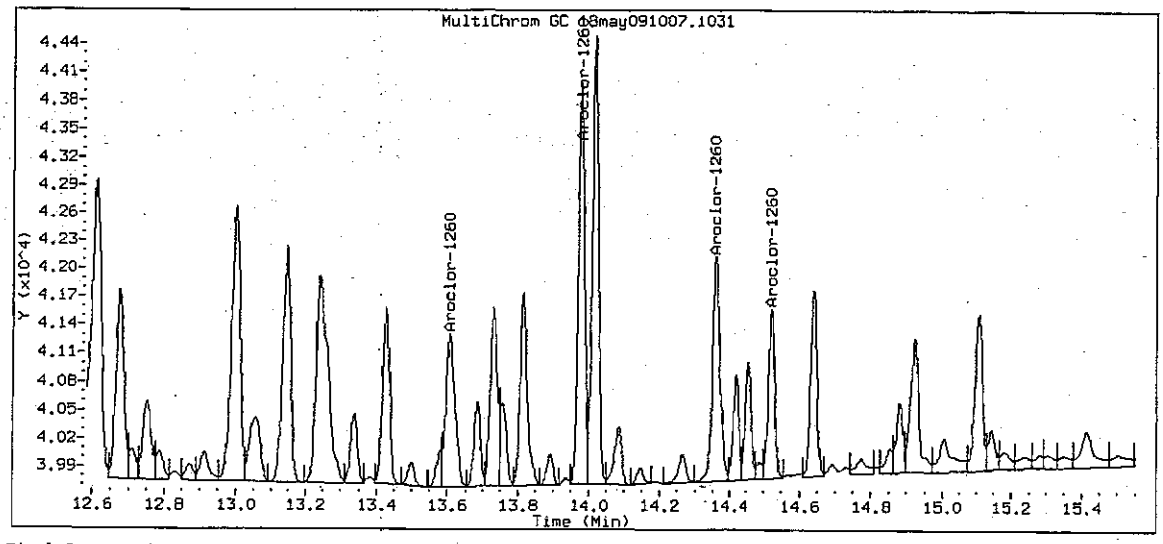
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_1.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 13.2401 Height = 2193
RT = 13.5815 Height = 398
RT = 13.9783 Height = 4277
RT = 14.3574 Height = 2388
RT = 14.4903 Height = 175



Final Integration:

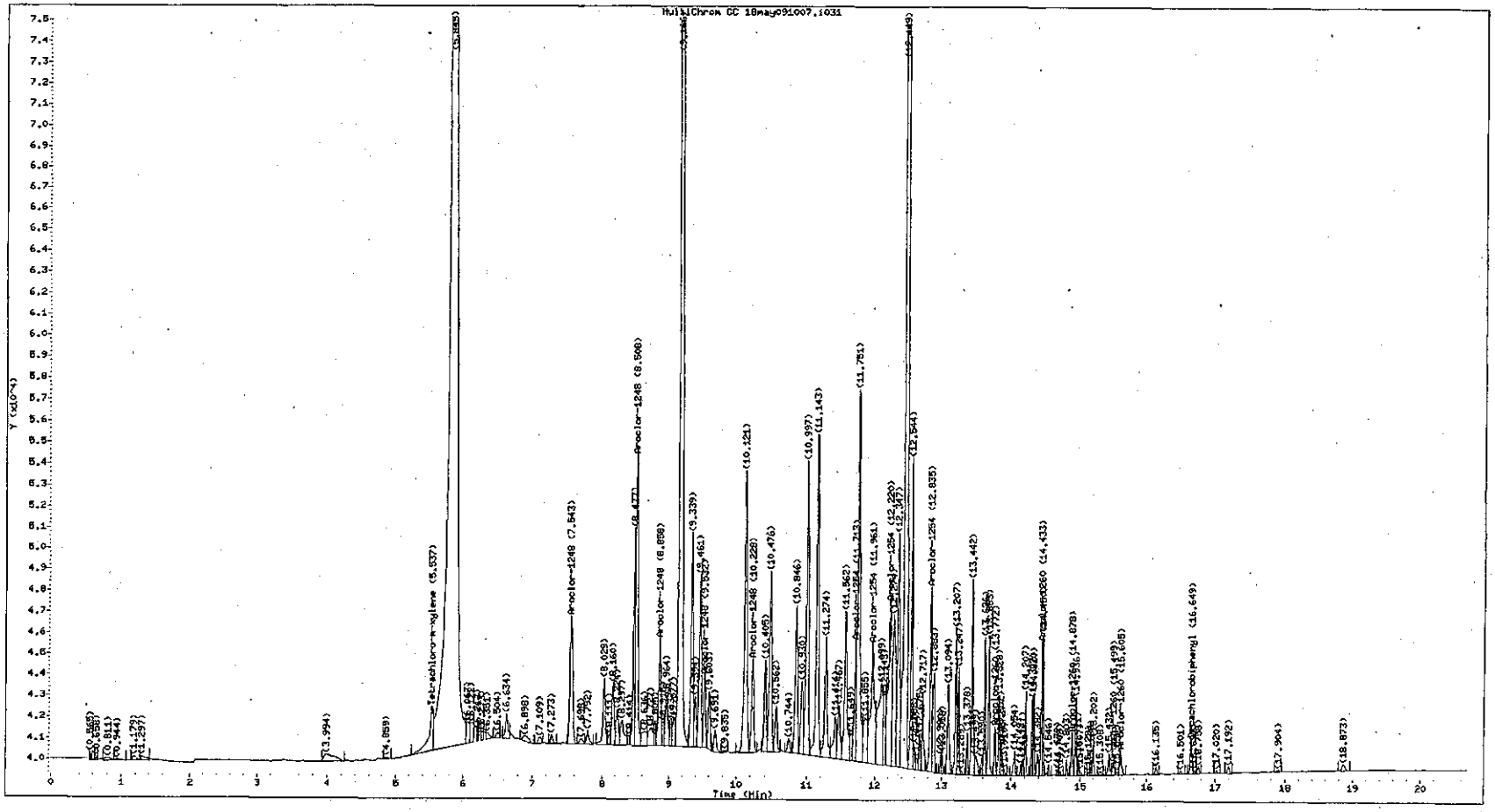
RT = 13.2302 Height = 0
RT = 13.6059 Height = 1624
RT = 13.9783 Height = 4277
RT = 14.3574 Height = 2388
RT = 14.5214 Height = 1796

Manual Integration Reason: MI3 - Mis-identification of peak

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 794701MS	Client Sample ID: E2QQ1MS

Matrix	: SOIL	Sample Type	: MS
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:08
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 30.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r031.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:05 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 794701MS Client Sample ID: E2QQ1MS

Matrix : SOIL
Analyst : DPD
Instrument : 5253_2.i
Column : RTX-35
Integrator : Falcon
Data File : 18may091007-r031.d
Method : /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:05 dpd

Sample Type : MS
Injection Date : 18-MAY-2009 11:08
Injection Vol. (ul): 1.0
Dilution Factor : 30.0
Compound Sublist : all

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.565			305	379			
	2	0.658			254	210			
	3	0.811			869	125			
	4	0.944			434	78			
	5	1.179			814	211			
	6	1.297			971	205			
	7	3.994			3450	339			
	8	4.859			302	106			
$	9	5.537	5.530	0.007	9335	2081	0.00304426	aMR	Tetrachloro-m-xylene
	10	5.845			824055	239295			
	11	6.067			3108	969			
	12	6.122			3289	922			
	13	6.213			834	536			
	14	6.273			945	433			
	15	6.351			1079	323			
	16	6.504			928	279			
	17	6.634			3281	1180			
	18	6.898			1435	239			
	19	7.109			890	301			
	20	7.273			911	444			
	21	7.543	7.532	0.012	16767	6082	0.70539455	M	Aroclor-1248
	22	7.698			918	258			
	23	7.792			1718	656			
	24	8.029			7752	3117			
	25	8.111			1008	502			
	26	8.160			6949	2927			
	27	8.224			4214	1664			
	28	8.297			4714	1165			
	29	8.414			1168	464			
	30	8.477			18715	10327			
	31	8.508	8.493	0.015	31481	13748	0.84130007	M	Aroclor-1248
	32	8.636			3828	660			
	33	8.727			4344	841			
	34	8.805			1072	635			
	35	8.858	8.843	0.015	12827	5105	0.70310751	M	Aroclor-1248
	36	8.915			2140	1135			
	37	8.964			6952	2396			
	38	9.037			1993	868			
	39	9.077			3824	1370			
	40	9.166			225845	91563			
	41	9.339			22126	10147			
	42	9.394			4875	2374			
	43	9.461			18824	8137			
	44	9.532	9.512	0.019	7623	3411	0.56971064	M	Aroclor-1248
	45	9.603			5936	2688			
	46	9.691			2449	1011			
	47	9.835			236	87			
	48	10.121			33963	13322			
	49	10.228	10.211	0.017	9927	4398	0.58188073	M	Aroclor-1248
	50	10.405			9895	4320			
	51	10.476			19953	8527			
	52	10.562			5104	2142			
	53	10.744			1534	625			
	54	10.846			16105	6965			

TestAmerica Burlington - Target GC Injection Report

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	55	10.930			7912	3414			
	56	10.997			32249	13856			
	57	11.143			33935	15156			
	58	11.274			14861	5667			
	59	11.414			6288	1927			
	60	11.467			6775	2485			
	61	11.562			18228	7031			
	62	11.649			3318	1270			
	63	11.713	11.694	0.019	10291	5690	0.38768801	M	Aroclor-1254
	64	11.751			42976	17528			
	65	11.855			8789	2079			
	66	11.961	11.947	0.014	22367	5693	0.49437178	M	Aroclor-1254
	67	12.099			20080	3810			
	68	12.143			8724	3311			
	69	12.220	12.203	0.018	27006	7745	0.52390817	M	Aroclor-1254
	70	12.274			23179	7130			
	71	12.347			26130	11065			
	72	12.449			497190	284781			
	73	12.544			22244	14661			
	74	12.588			1875	1192			
	75	12.624			1240	556			
	76	12.675			2630	1692			
	77	12.717			6167	3521			
	78	12.835	12.816	0.018	13100	8714	0.17964279	M	Aroclor-1254
	79	12.883			10551	4641			
	80	12.990			1032	843			
	81	13.012			1385	974			
	82	13.094			7173	4195			
	83	13.207			9291	6864			
	84	13.247			6693	4981			
	85	13.289			295	185			
	86	13.378			2570	1959			
	87	13.442			14500	9214			
	88	13.499			2297	905			
	89	13.590			1189	826			
	90	13.626			8747	6498			
	91	13.683			9631	6577			
	92	13.772	13.754	0.018	2927	2284	0.04277604	aMR	Aroclor-1260
	93	13.828			4915	3733			
	94	13.852			2276	1762			
	95	13.872			1150	1086			
	96	13.910			373	298			
	97	14.054			1990	1162			
	98	14.142			691	530			
	99	14.171			1033	811			
	100	14.207			4831	3944			
	101	14.302			4167	3605			
	102	14.320			5224	3842			
	103	14.382			1694	1025			
	104	14.433	14.414	0.018	6849	6314	0.04270111	aMR	Aroclor-1260
	105	14.450			7683	6701			
	106	14.546			624	520			
	107	14.672			374	295			
	108	14.708			327	234			
	109	14.803			937	742			
	110	14.878	14.864	0.014	3027	1995	0.05062408	aMR	Aroclor-1260
	111	14.936			4909	3645			
	112	14.971			1017	774			
	113	15.007			382	215			
	114	15.129			204	148			
	115	15.169			528	409			
	116	15.202			2329	1728			
	117	15.308			433	214			
	118	15.432			1821	998			
	119	15.499	15.486	0.013	1152	623	0.04636150	aMR	Aroclor-1260
	120	15.554			315	188			
	121	15.605	15.590	0.015	2234	1183	0.03584061	aMR	Aroclor-1260
	122	16.135			602	348			
	123	16.501			302	155			
$	124	16.649	16.635	0.014	3091	1614	0.00189811	a	Decachlorobiphenyl
	125	16.692			247	156			

Reported: 05/21/2009 12:05 dpd 18may091007-r031.d Page 2

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
126	16.758			679	339			
127	17.020			314	135			
128	17.192			749	306			
129	17.904			288	89			
130	18.873			871	289			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

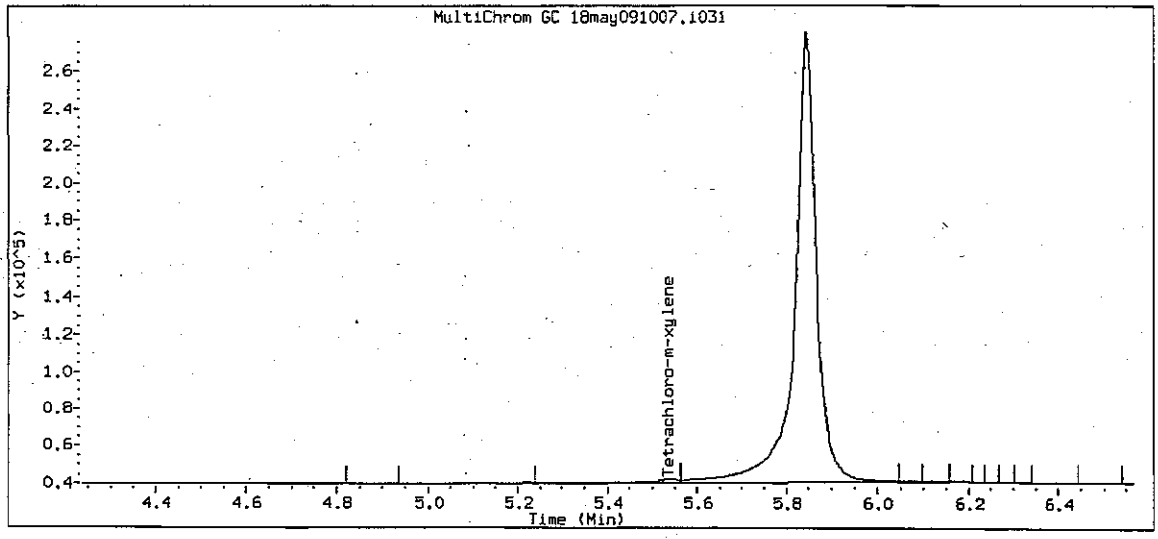
Peak RT	Expected RT	Target Compound
5.537	5.530	Tetrachloro-m-xylene
	6.224	Aroclor-1221
	6.628	Aroclor-1016
	6.634	Aroclor-1232
	7.543	Aroclor-1242
7.543	7.532	Aroclor-1248
11.713	11.694	Aroclor-1254
	13.085	Aroclor-1262
13.772	13.754	Aroclor-1260
	14.876	Aroclor-1268
16.649	16.635	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Tetrachloro-m-xylene

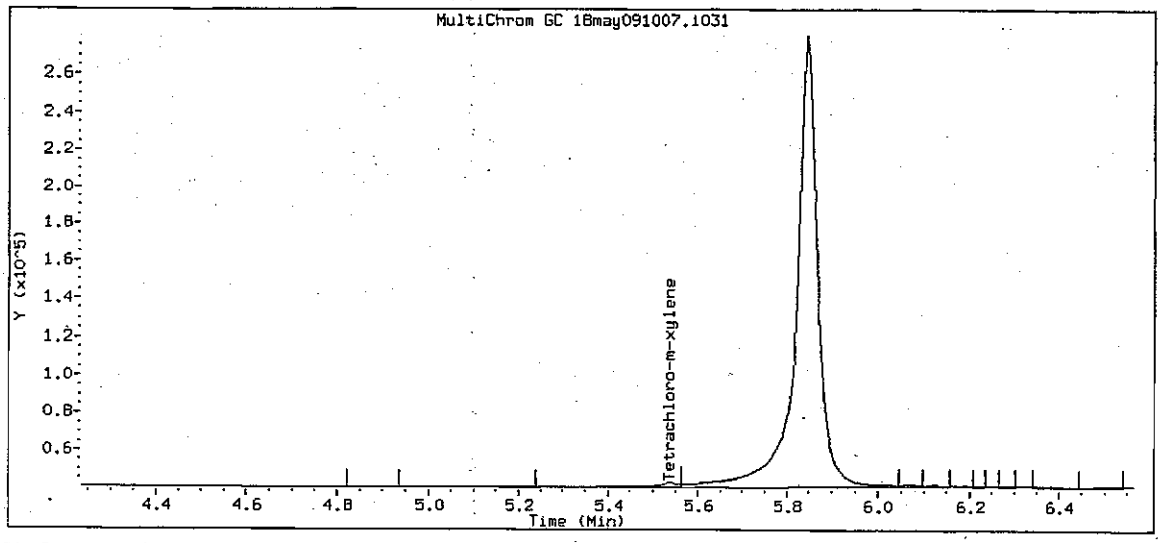
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_2.i
CAS #: 877-09-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:06



Original Integration:

RT = 5.5372 Height = 1924



Final Integration:

RT = 5.5372 Height = 2081

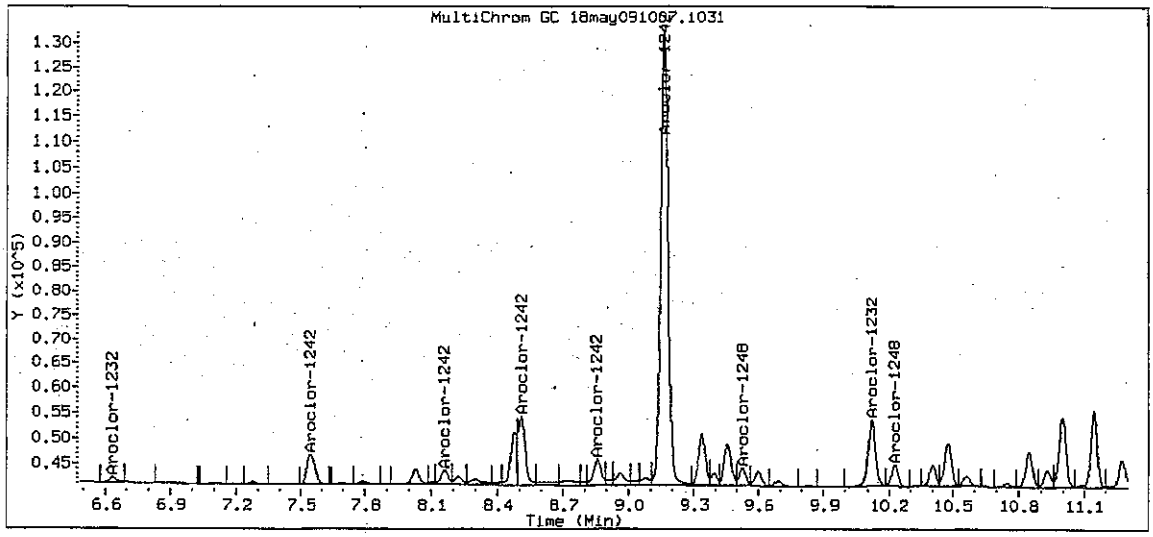
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Aroclor-1248

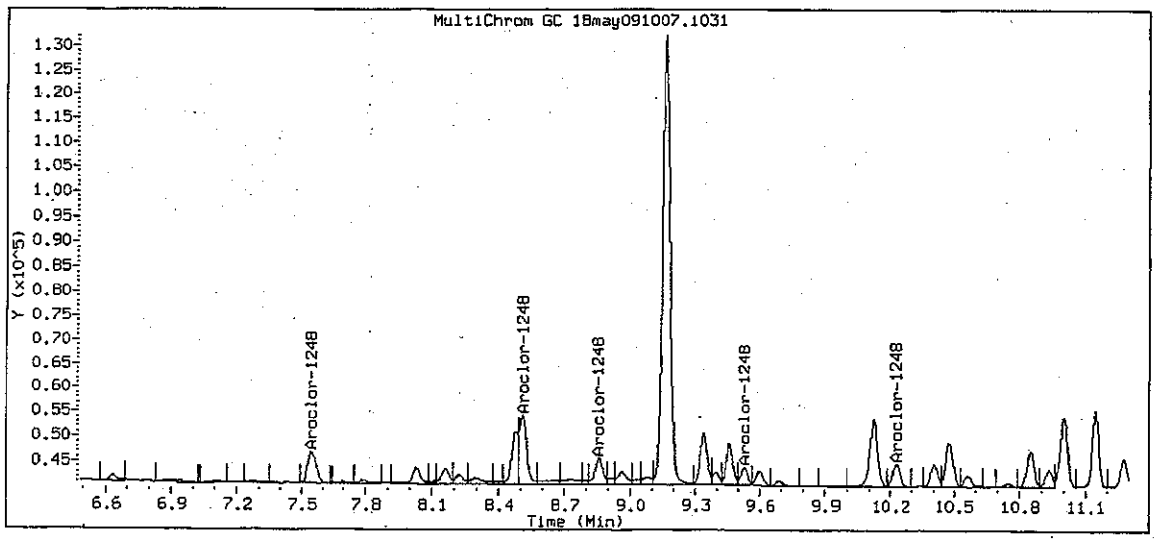
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_2.i
CAS #: 12672-29-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:06



Original Integration:

RT = 7.5433 Height = 6082
RT = 8.5076 Height = 13748
RT = 8.8578 Height = 5105
RT = 9.5317 Height = 3411
RT = 10.2277 Height = 4322



Final Integration:

RT = 7.5433 Height = 6082
RT = 8.5076 Height = 13748
RT = 8.8578 Height = 5105
RT = 9.5317 Height = 3411
RT = 10.2277 Height = 4398

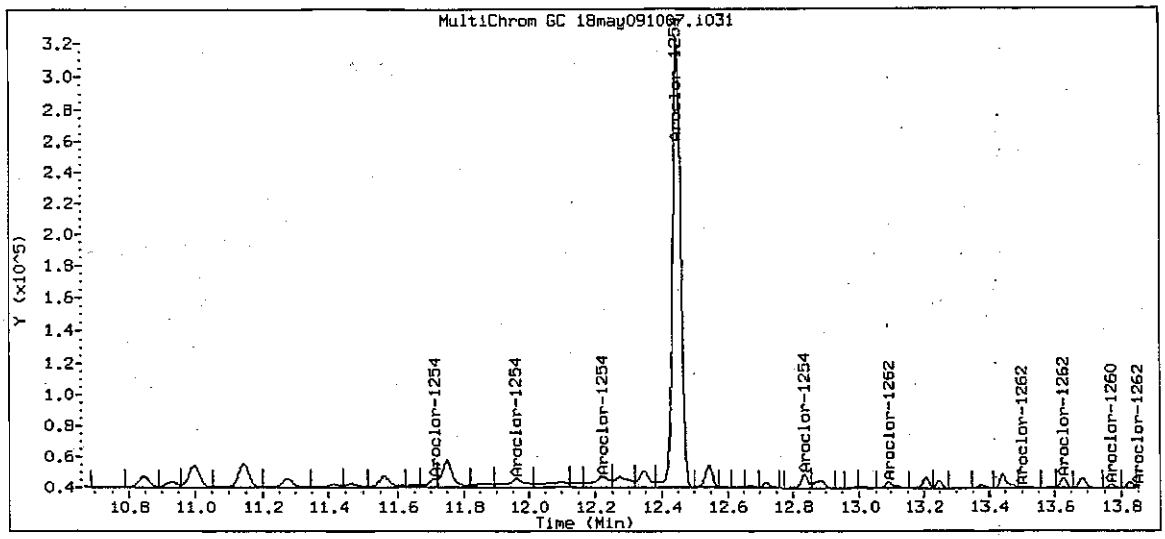
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Aroclor-1254

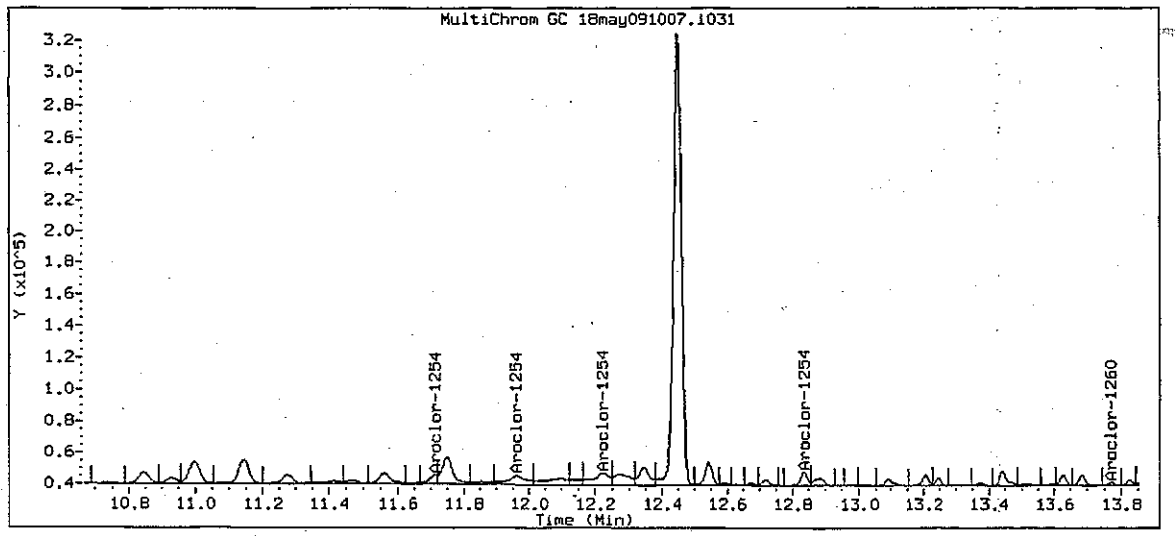
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_2.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:06



Original Integration:

RT = 11.7129 Height = 5572
RT = 11.9611 Height = 5537
RT = 12.2205 Height = 7555
RT = 12.4488 Height = 284570
RT = 12.8345 Height = 8695



Final Integration:

RT = 11.7129 Height = 5690
RT = 11.9611 Height = 5693
RT = 12.2205 Height = 7745
RT = 12.4423 Height = 0
RT = 12.8345 Height = 8714

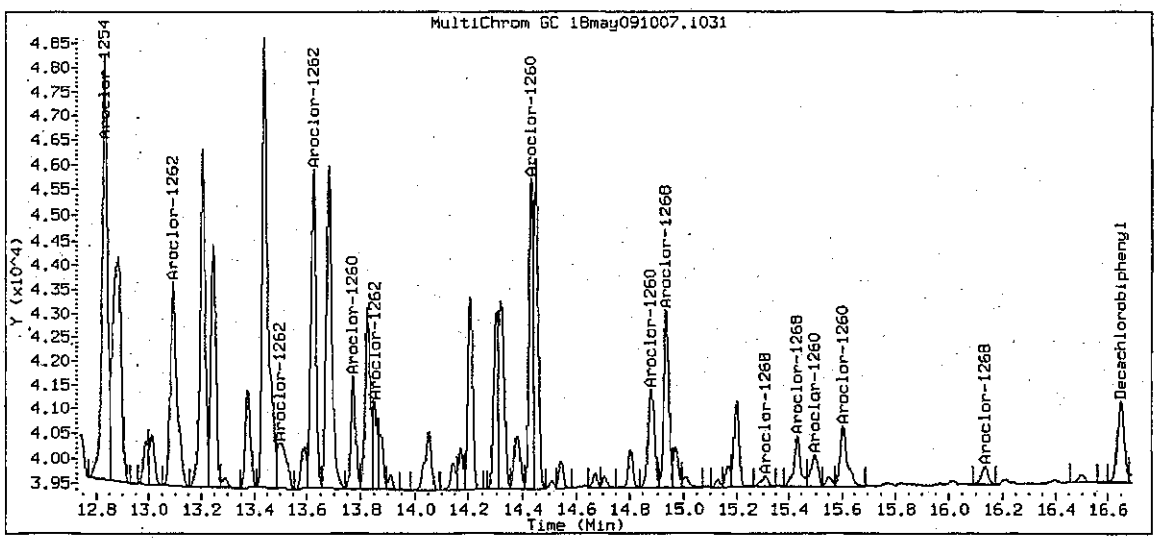
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r031.d
Client Sample ID: E2QQ1MS
Compound Name: Aroclor-1260

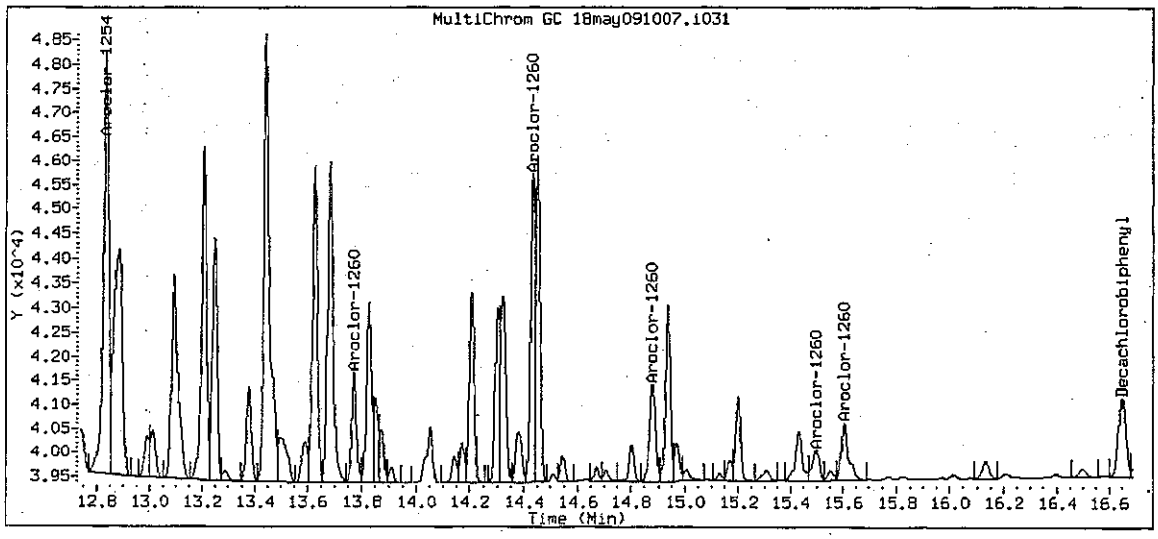
Inj. Date and Time: 18-MAY-2009 11:08
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:06



Original Integration:

RT = 13.7721 Height = 2271
RT = 14.4327 Height = 6314
RT = 14.8783 Height = 1995
RT = 15.4989 Height = 623
RT = 15.6053 Height = 1183



Final Integration:

RT = 13.7721 Height = 2284
RT = 14.4327 Height = 6314
RT = 14.8783 Height = 1995
RT = 15.4989 Height = 623
RT = 15.6053 Height = 1183

Manual Integration Reason: MI1 - Poor automated baseline

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E2QQ1MSD(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: 794701MD

Sample wt/vol: 30.1 (g/mL) g Lab File ID: 18MAY091007-R051

% Moisture: 68 Decanted: (Y/N) N Date Received: 05/07/2009

Extraction: (Type) SONC Date Extracted: 05/08/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 30.0

GPC Cleanup: (Y/N) N pH: 6.9 Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	3100	U
11104-28-2	Aroclor-1221	3100	U
11141-16-5	Aroclor-1232	3100	U
53469-21-9	Aroclor-1242	3100	U
12672-29-6	Aroclor-1248	31000	
11097-69-1	Aroclor-1254	15000	
11096-82-5	Aroclor-1260	2100	J
37324-23-5	Aroclor-1262	3100	U
11100-14-4	Aroclor-1268	3100	U

SOM01.2

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
E2QQ1MSD(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: 794701MD

Sample wt/vol: 30.1 (g/mL) g Lab File ID: 18MAY091007-R051

% Moisture: 68 Decanted: (Y/N) N Date Received: 05/07/2009

Extraction: (Type) SONC Date Extracted: 05/08/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/18/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 30.0

GPC Cleanup: (Y/N) N pH: 6.9 Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

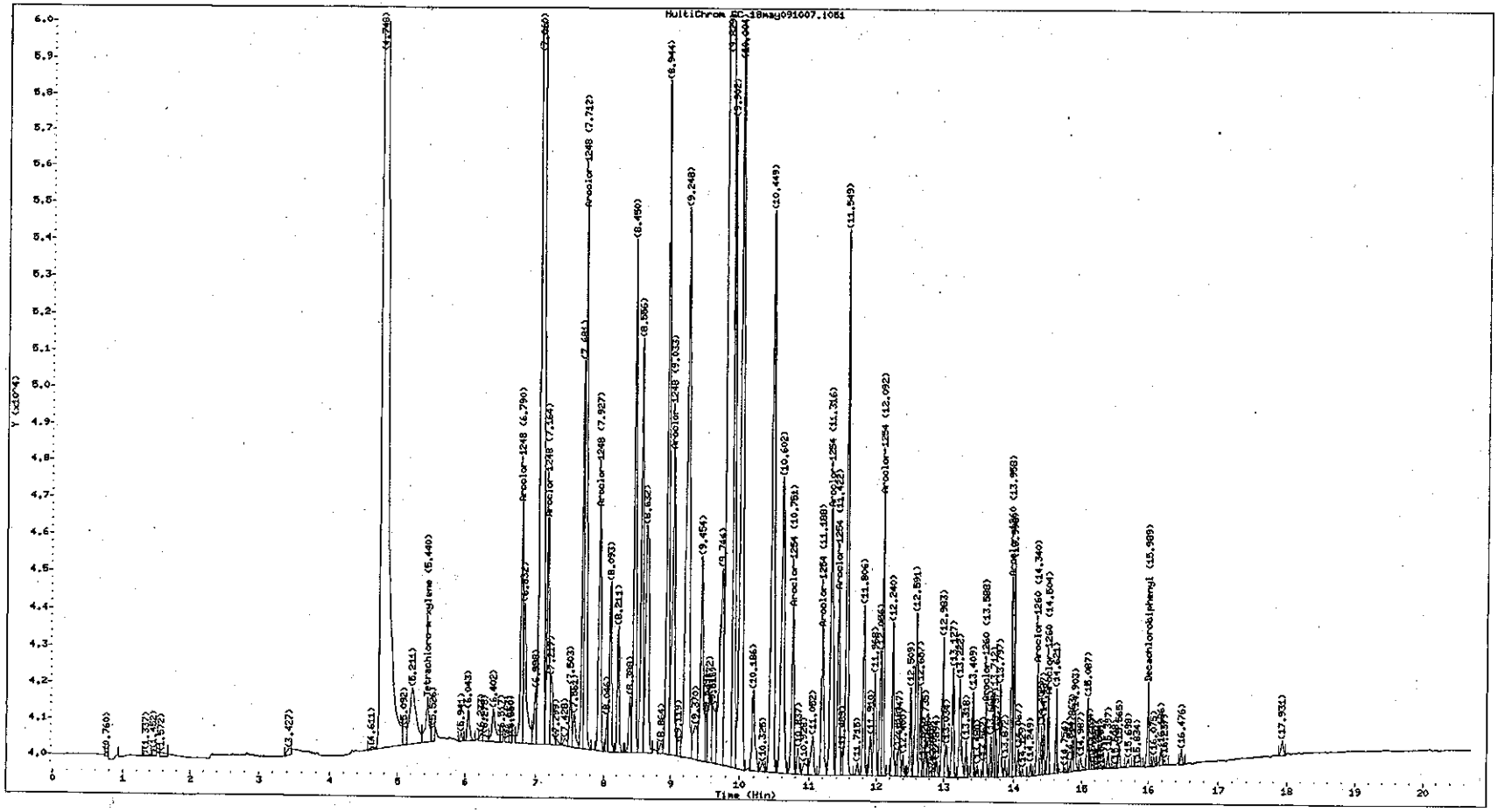
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	3100	U
11104-28-2	Aroclor-1221	3100	U
11141-16-5	Aroclor-1232	3100	U
53469-21-9	Aroclor-1242	3100	U
12672-29-6	Aroclor-1248	28000	
11097-69-1	Aroclor-1254	13000	
11096-82-5	Aroclor-1260	1700	J
37324-23-5	Aroclor-1262	3100	U
11100-14-4	Aroclor-1268	3100	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 794701MD	Client Sample ID: E2QQ1MSD

Matrix	: SOIL	Sample Type	: MSD
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:55
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 30.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r051.d		
Method	: /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m		
Reported	: 22-May-2009 13:13 ktl		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 794701MD Client Sample ID: E2QQ1MSD

Matrix : SOIL Sample Type : MSD
Analyst : DPD Injection Date : 18-MAY-2009 11:55
Instrument : 5253_1.i Injection Vol. (ul): 1.0
Column : RTX-5 Dilution Factor : 30.0
Integrator : Falcon Compound Sublist : all
Data File : 18may091007-r051.d
Method : /var/chem/5253_1.i/051509_1/18MAY091007.b/SOM01PCB_RTX5_2009.m
Reported : 22-May-2009 13:13 ktl

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.760			254	130			
	2	1.337			591	141			
	3	1.452			557	169			
	4	1.572			549	99			
	5	3.427			679	169			
	6	4.611			277	84			
	7	4.748			324361	87209			
	8	5.092			1949	510			
	9	5.211			10414	1555			
$	10	5.440	5.442	-0.003	4257	1227	0.00229202	aM	Tetrachloro-m-xylene
	11	5.526			1291	391			
	12	5.941			476	217			
	13	6.043			2048	848			
	14	6.233			509	196			
	15	6.278			748	170			
	16	6.402			3386	881			
	17	6.517			474	205			
	18	6.617			573	187			
	19	6.650			442	207			
	20	6.790	6.790	-0.001	14539	6492	0.88433312	M	Aroclor-1248
	21	6.832			11473	3791			
	22	6.998			3705	1500			
	23	7.060			179976	71785			
	24	7.164	7.163	0.002	14827	6114	1.08541375	M	Aroclor-1248
	25	7.217			5301	1889			
	26	7.299			518	163			
	27	7.428			776	218			
	28	7.503			3792	1676			
	29	7.561			2502	916			
	30	7.681			18847	10505			
	31	7.712	7.710	0.002	33610	14618	1.07950633	M	Aroclor-1248
	32	7.927	7.922	0.005	16468	6583	0.83024341	M	Aroclor-1248
	33	8.046			1771	979			
	34	8.093			10547	4590			
	35	8.211			7856	3424			
	36	8.388			3527	1558			
	37	8.450			30275	13881			
	38	8.556			25055	11224			
	39	8.632			21782	6149			
	40	8.864			919	291			
	41	8.944			39827	18293			
	42	9.033	9.029	0.004	23831	8259	1.01856077	M	Aroclor-1248
	43	9.119			1459	458			
	44	9.248			49957	14860			
	45	9.370			4108	932			
	46	9.454			16548	5514			
	47	9.529			1864	1307			
	48	9.572			6293	1818			
	49	9.616			6079	1540			
	50	9.744			20688	5299			
	51	9.829			1202479	488481			
	52	9.902			37613	17589			
	53	10.004			53273	20234			
	54	10.186			6354	2207			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	10.325			636	232			
56	10.449			40778	15140			
57	10.602			24853	7969			
58	10.751	10.740	0.011	10865	4510	0.46304496	M	Aroclor-1254
59	10.837			1688	690			
60	10.928			1389	318			
61	11.052			3538	1073			
62	11.188	11.180	0.008	9914	4020	0.45419880	M	Aroclor-1254
63	11.316	11.304	0.012	20402	7204	0.39309465	M	Aroclor-1254
64	11.422	11.411	0.012	11703	4990	0.76641004	M	Aroclor-1254
65	11.489			1254	654			
66	11.549			29789	14720			
67	11.715			745	332			
68	11.806			8930	4588			
69	11.910			2602	1097			
70	11.968			6546	2783			
71	12.056			5942	3396			
72	12.092	12.080	0.012	13959	7597	0.30508049	M	Aroclor-1254
73	12.240			7227	4154			
74	12.316			1066	652			
75	12.347			2024	1082			
76	12.400			1068	586			
77	12.509			4081	2416			
78	12.591			8851	4411			
79	12.657			3996	2433			
80	12.690			574	404			
81	12.735			1888	1122			
82	12.768			668	420			
83	12.815			339	191			
84	12.852			447	274			
85	12.894			821	434			
86	12.983			6656	3798			
87	13.034			1953	859			
88	13.127			5208	2988			
89	13.222			6512	2657			
90	13.318			1446	993			
91	13.409			3471	2339			
92	13.480			485	338			
93	13.562			430	415			
94	13.588	13.578	0.010	3720	2053	0.06861975	aMR	Aroclor-1260
95	13.666			1504	1125			
96	13.712			3371	2326			
97	13.737			1580	1203			
98	13.797			3693	2528			
99	13.872			589	458			
100	13.958	13.949	0.009	6957	5371	0.06157215	aMR	Aroclor-1260
101	13.998			7500	5859			
102	14.067			1148	749			
103	14.129			318	222			
104	14.249			532	343			
105	14.340	14.332	0.008	4643	3057	0.06627229	aMR	Aroclor-1260
106	14.402			1634	1308			
107	14.437			1882	1535			
108	14.504	14.494	0.009	2828	2154	0.07055269	aMR	Aroclor-1260
109	14.621			2720	2310			
110	14.754			234	135			
111	14.834			337	241			
112	14.863			1148	846			
113	14.903			2375	1539			
114	14.987			640	320			
115	15.087			2592	1934			
116	15.124			562	404			
117	15.160			231	133			
118	15.220			91	48			
119	15.264			102	69			
120	15.291			158	100			
121	15.397			742	411			
122	15.508			174	57			
123	15.565			960	583			
124	15.698			518	226			
125	15.834			157	50			

Reported: 05/22/2009 13:13 ktl 18may091007-r051.d Page 2

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
$ 126	15.989	15.981	0.008	3761	2289	0.00183575	a	Decachlorobiphenyl
127	16.075			478	252			
128	16.186			770	447			
129	16.237			258	150			
130	16.476			721	398			
131	17.931			1044	420			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

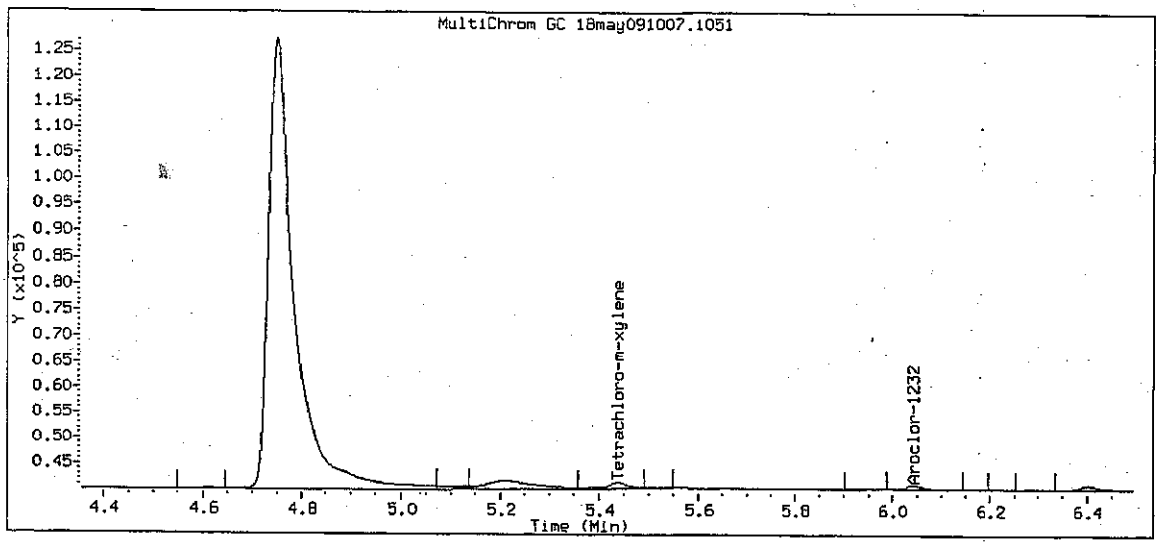
Peak RT	Expected RT	Target Compound
5.440	5.442	Tetrachloro-m-xylene
	5.772	Aroclor-1221
	6.051	Aroclor-1232
6.790	6.790	Aroclor-1248
	6.794	Aroclor-1016
	6.794	Aroclor-1242
10.751	10.740	Aroclor-1254
13.230	13.230	Aroclor-1260
	13.316	Aroclor-1262
	14.439	Aroclor-1268
15.989	15.981	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r051.d
Client Sample ID: E2QQ1MSD
Compound Name: Tetrachloro-m-xylene

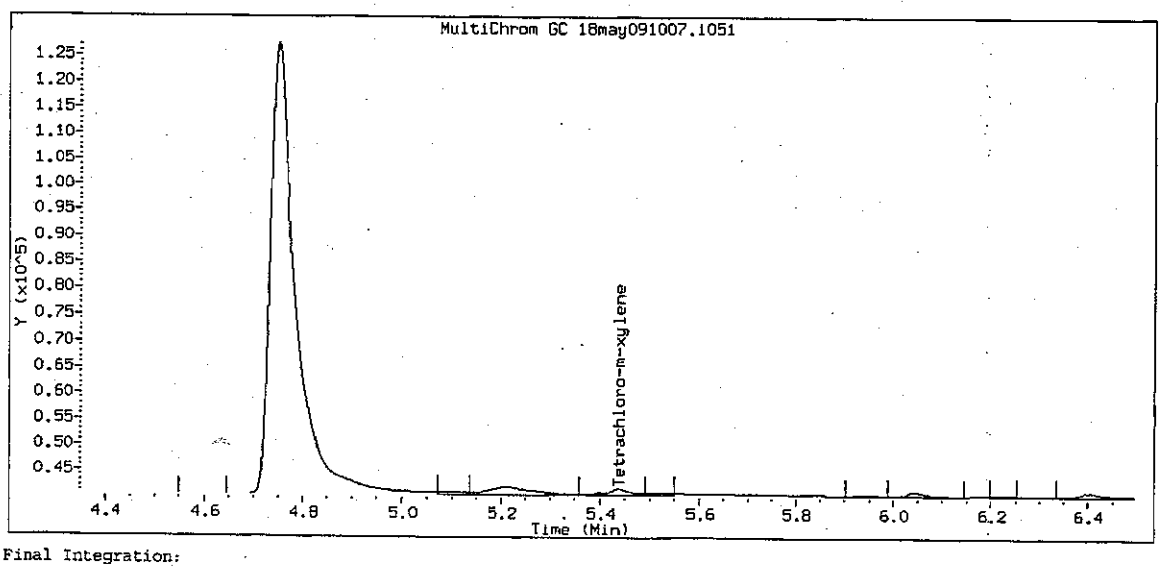
Inj. Date and Time: 18-MAY-2009 11:55
Instrument ID: 5253_1.i
CAS #: 877-09-8

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 5.4397 Height = 1170



Final Integration:

RT = 5.4397 Height = 1227

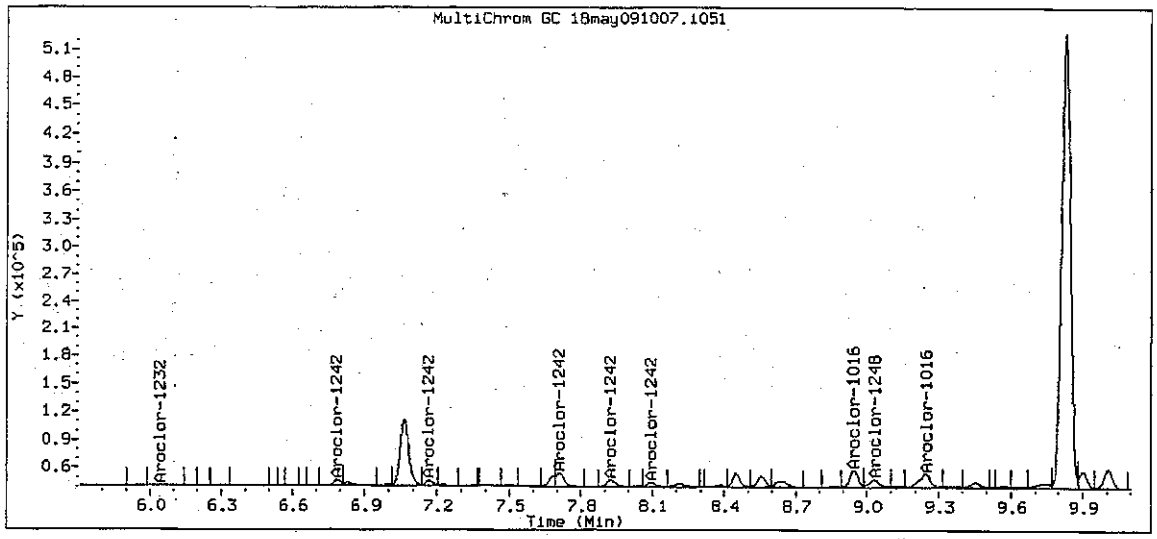
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r051.d
Client Sample ID: E2QQ1MSD
Compound Name: Aroclor-1248

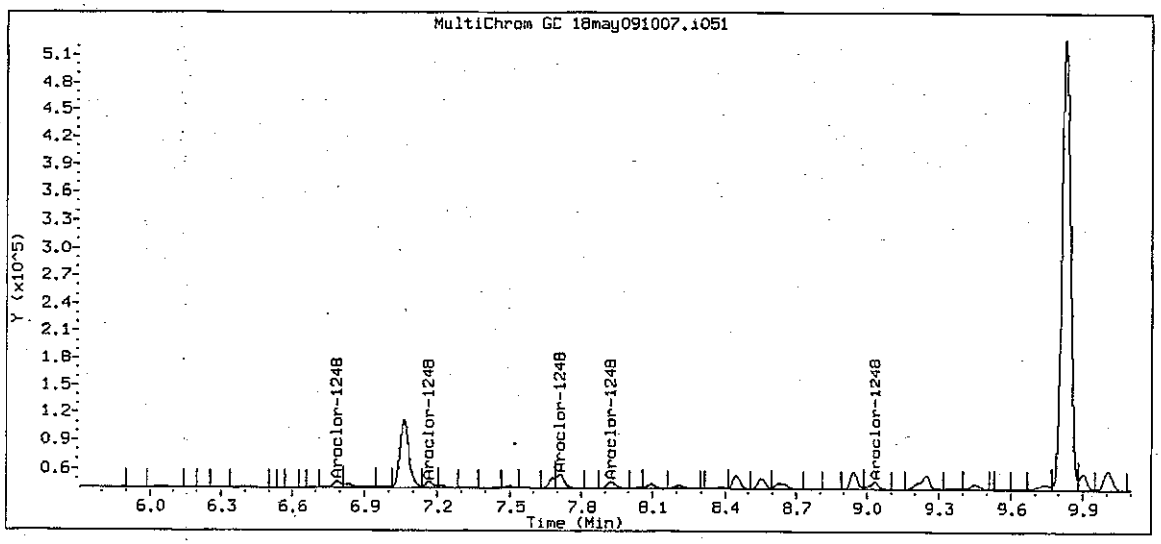
Inj. Date and Time: 18-MAY-2009 11:55
Instrument ID: 5253_1.i
CAS #: 12672-29-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 6.7896 Height = 6403
RT = 7.1643 Height = 6049
RT = 7.7118 Height = 14581
RT = 7.9268 Height = 6579
RT = 9.0329 Height = 8259



Final Integration:

RT = 6.7896 Height = 6492
RT = 7.1643 Height = 6114
RT = 7.7118 Height = 14618
RT = 7.9268 Height = 6583
RT = 9.0329 Height = 8259

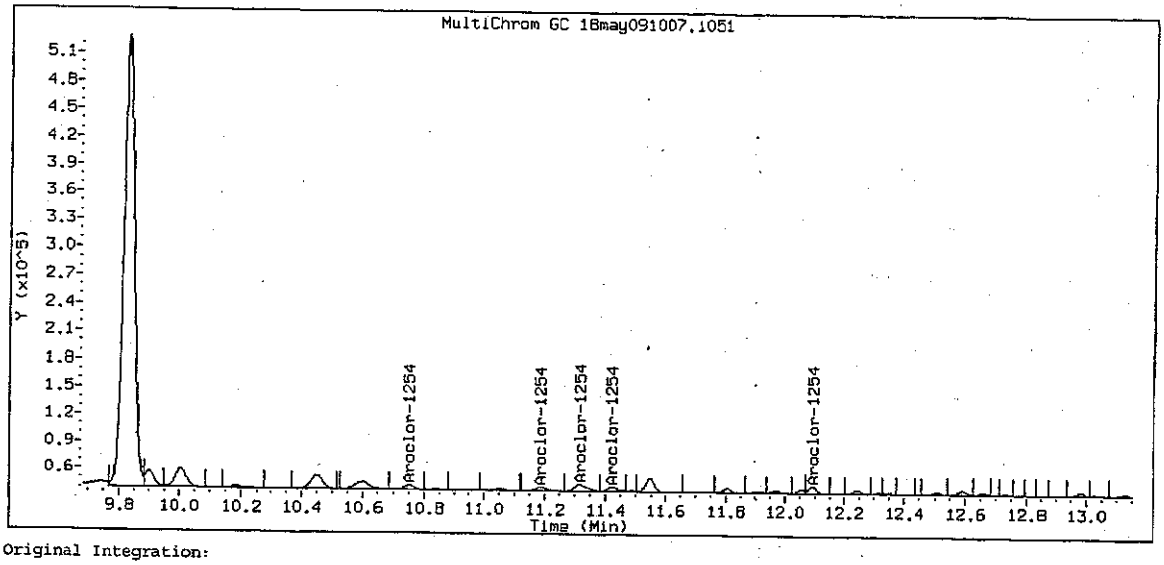
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r051.d
Client Sample ID: E2QQ1MSD
Compound Name: Aroclor-1254

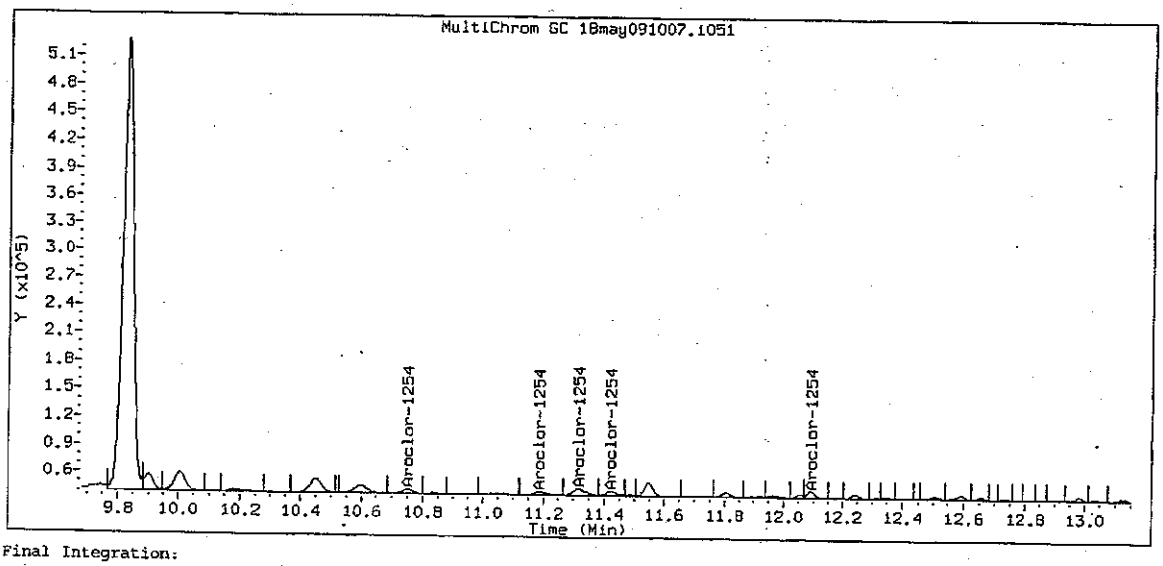
Inj. Date and Time: 18-MAY-2009 11:55
Instrument ID: 5253_1.i
CAS #: 11097-69-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 10.7508 Height = 4474
RT = 11.1875 Height = 4015
RT = 11.3161 Height = 7195
RT = 11.4225 Height = 4977
RT = 12.0919 Height = 7560



Final Integration:

RT = 10.7508 Height = 4510
RT = 11.1875 Height = 4020
RT = 11.3161 Height = 7204
RT = 11.4225 Height = 4990
RT = 12.0919 Height = 7597

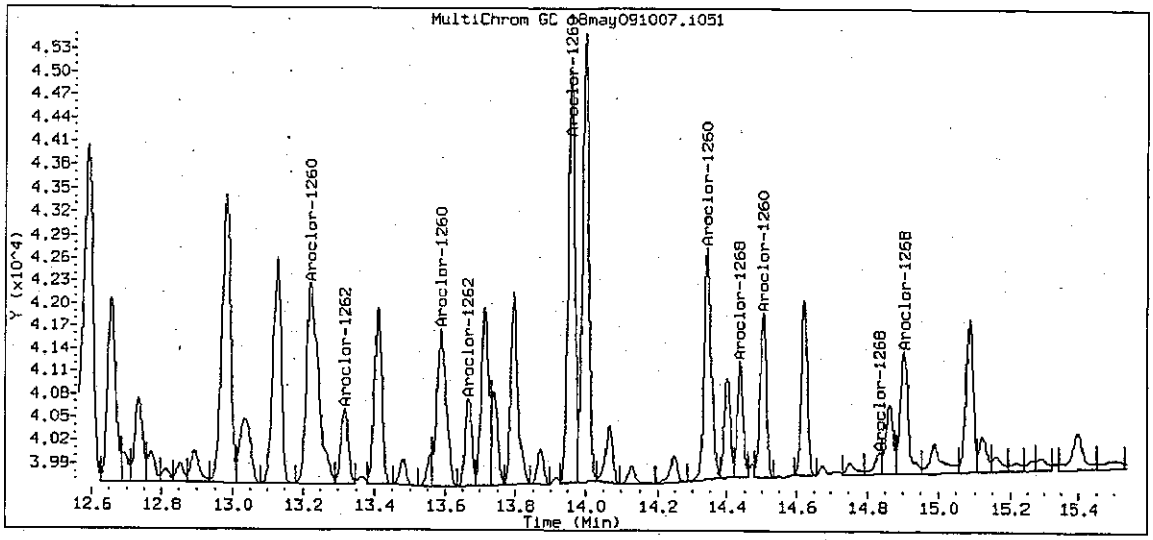
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r051.d
Client Sample ID: E2QQ1MSD
Compound Name: Aroclor-1260

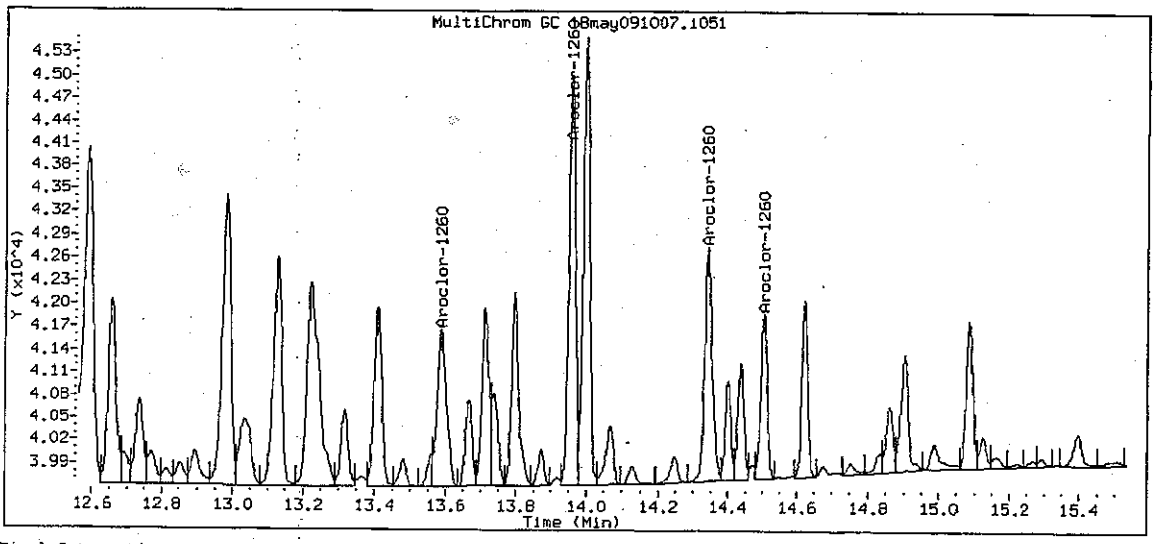
Inj. Date and Time: 18-MAY-2009 11:55
Instrument ID: 5253_1.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/22/2009 13:13



Original Integration:

RT = 13.2224 Height = 2632
RT = 13.5882 Height = 2054
RT = 13.9583 Height = 5346
RT = 14.3396 Height = 3040
RT = 14.5037 Height = 2140



Final Integration:

RT = 13.2302 Height = 0
RT = 13.5882 Height = 2053
RT = 13.9583 Height = 5371
RT = 14.3396 Height = 3057
RT = 14.5037 Height = 2154

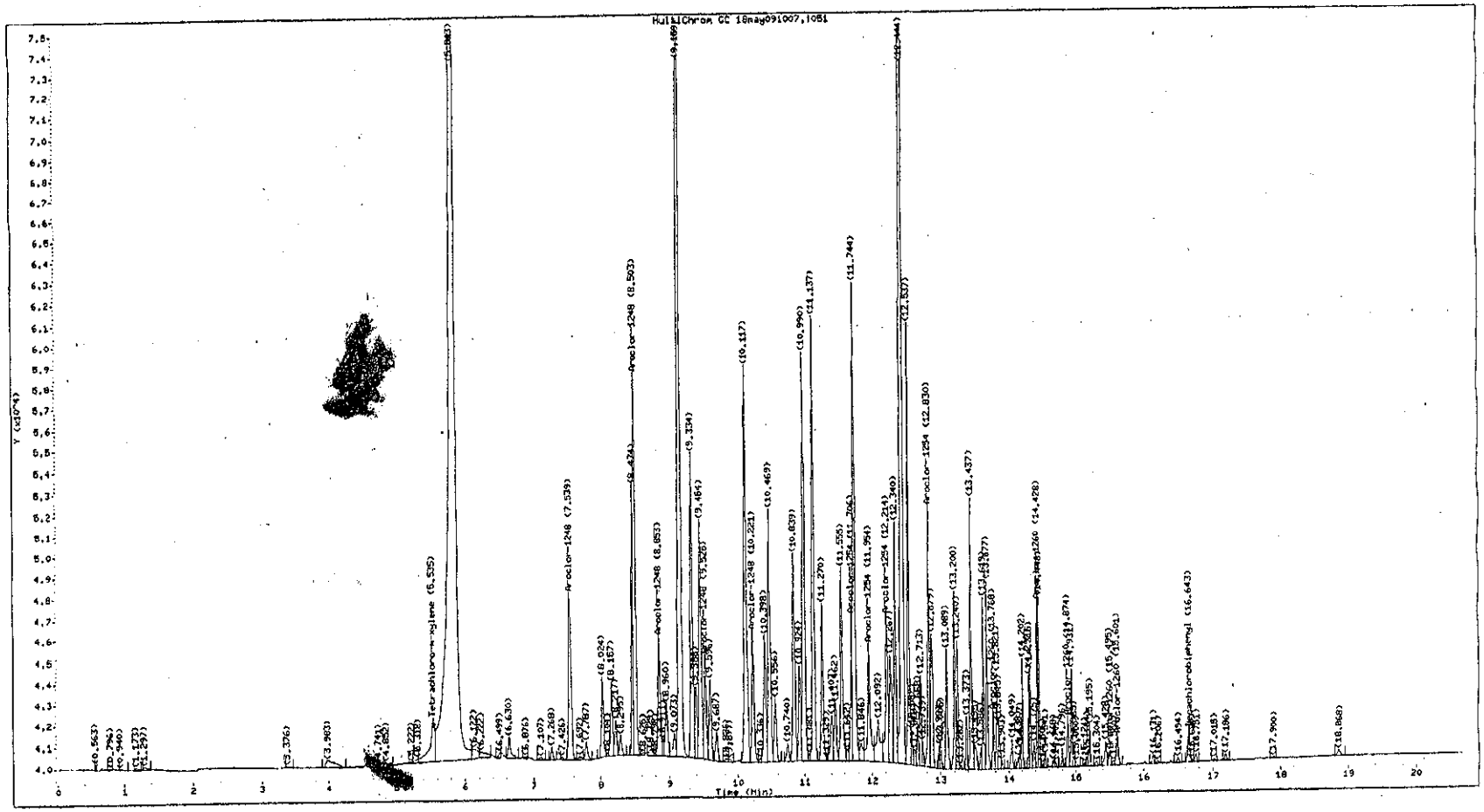
Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: 794701MD	Client Sample ID: E2QQ1MSD

Matrix	: SOIL	Sample Type	: MSD
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:55
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 30.0
Integrator	: Falcon	Compound Sublist	: all

Data File : 18may091007-r051.d
Method : /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m
Reported : 21-May-2009 12:06 dpd



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: 794701MD Client Sample ID: E2QQ1MSD

Matrix	: SOIL	Sample Type	: MSD
Analyst	: DPD	Injection Date	: 18-MAY-2009 11:55
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 30.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 18may091007-r051.d		
Method	: /var/chem/5253_2.i/051509_1/18MAY091007.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 12:06 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.563			232	294			
	2	0.796			269	80			
	3	0.940			219	51			
	4	1.173			368	113			
	5	1.297			545	136			
	6	3.376			252	76			
	7	3.983			3319	339			
	8	4.741			392	97			
	9	4.852			477	157			
	10	5.222			224	76			
	11	5.318			713	208			
$	12	5.535	5.530	0.005	10529	2127	0.00311155	aR	Tetrachloro-m-xylene
	13	5.843			396668	104308			
	14	6.122			2343	441			
	15	6.222			1896	256			
	16	6.499			523	245			
	17	6.630			2985	992			
	18	6.876			348	106			
	19	7.107			475	149			
	20	7.268			1291	595			
	21	7.426			333	137			
	22	7.539	7.532	0.007	22420	7974	0.92483002	M	Aroclor-1248
	23	7.692			538	154			
	24	7.787			2017	818			
	25	8.024			8170	3846			
	26	8.104			268	163			
	27	8.157			7328	3509			
	28	8.217			3685	1738			
	29	8.295			2244	947			
	30	8.474			20413	12915			
	31	8.503	8.493	0.010	40915	18211	1.11441051	M	Aroclor-1248
	32	8.625			306	109			
	33	8.729			1069	296			
	34	8.798			200	127			
	35	8.853	8.843	0.011	12612	5701	0.78519411	M	Aroclor-1248
	36	8.911			1274	766			
	37	8.960			6037	2545			
	38	9.073			3121	1074			
	39	9.159			123721	51799			
	40	9.334			31349	14529			
	41	9.388			6772	3342			
	42	9.454			26729	11395			
	43	9.525	9.512	0.013	10882	4920	0.82174621	M	Aroclor-1248
	44	9.596			8446	3800			
	45	9.687			2994	1315			
	46	9.826			480	145			
	47	9.877			255	125			
	48	10.117			47467	18900			
	49	10.221	10.211	0.010	14276	6236	0.82505871	M	Aroclor-1248
	50	10.336			334	155			
	51	10.398			13559	5965			
	52	10.469			28069	12085			
	53	10.556			7080	3007			
	54	10.740			1888	830			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	10.839			22390	9871			
56	10.924			9997	4456			
57	10.990			44201	19535			
58	11.081			514	331			
59	11.137			44422	21255			
60	11.270			16152	7481			
61	11.329			214	169			
62	11.407			5274	2150			
63	11.462			6197	2747			
64	11.555			19543	9147			
65	11.642			1242	550			
66	11.706	11.694	0.013	10704	6965	0.47456010		Aroclor-1254
67	11.744			48407	22877			
68	11.846			2612	814			
69	11.954	11.947	0.007	14646	5509	0.47839349		Aroclor-1254
70	12.092			7902	1982			
71	12.214	12.203	0.011	15978	6989	0.47276878		Aroclor-1254
72	12.267			13560	4967			
73	12.340			20367	11490			
74	12.444			287872	167596			
75	12.537			31732	21062			
76	12.582			2179	1612			
77	12.619			1587	705			
78	12.668			3061	2054			
79	12.713			6625	4241			
80	12.739			1173	1147			
81	12.830	12.816	0.014	18526	12508	0.25785770		Aroclor-1254
82	12.879			13845	6268			
83	12.983			1444	1075			
84	13.005			1595	1186			
85	13.089			9531	5564			
86	13.200			11191	8391			
87	13.240			8058	6008			
88	13.282			287	198			
89	13.373			3339	2494			
90	13.437			20079	12978			
91	13.495			2806	1111			
92	13.586			1448	984			
93	13.619			10832	8140			
94	13.677			12540	8889			
95	13.768	13.754	0.014	3850	2795	0.05234634	aMR	Aroclor-1260
96	13.821			5884	4554			
97	13.845			3877	2256			
98	13.903			512	415			
99	14.049			2369	1354			
100	14.138			750	559			
101	14.167			1196	959			
102	14.202			6248	5137			
103	14.297			5179	4340			
104	14.315			6276	4710			
105	14:375			1936	1172			
106	14.428	14.414	0.014	9034	7985	0.05400196	aMR	Aroclor-1260
107	14.448			8973	8074			
108	14.506			209	179			
109	14.541			709	610			
110	14.668			425	343			
111	14.701			355	276			
112	14.796			1053	869			
113	14.874	14.864	0.010	3702	2431	0.06168779	aMR	Aroclor-1260
114	14.931			6143	4586			
115	14.965			1238	961			
116	15.000			447	248			
117	15.124			235	178			
118	15.164			572	434			
119	15.195			2668	1982			
120	15.304			486	244			
121	15.428			2100	1165			
122	15.495	15.486	0.008	1350	753	0.05603565	aMR	Aroclor-1260
123	15.550			345	205			
124	15.601	15.590	0.011	2651	1472	0.04459626	aMR	Aroclor-1260
125	16.131			735	409			

Reported: 05/21/2009 12:06 dpd 18may091007-r051.d Page 2

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
126	16.206	--		246	120			
127	16.494			428	230			
$ 128	16.643	16.635	0.007	3116	1670	0.00196397	a	Decachlorobiphenyl
129	16.689			225	150			
130	16.751			696	362			
131	17.015			210	108			
132	17.186			664	294			
133	17.900			317	97			
134	18.868			856	283			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

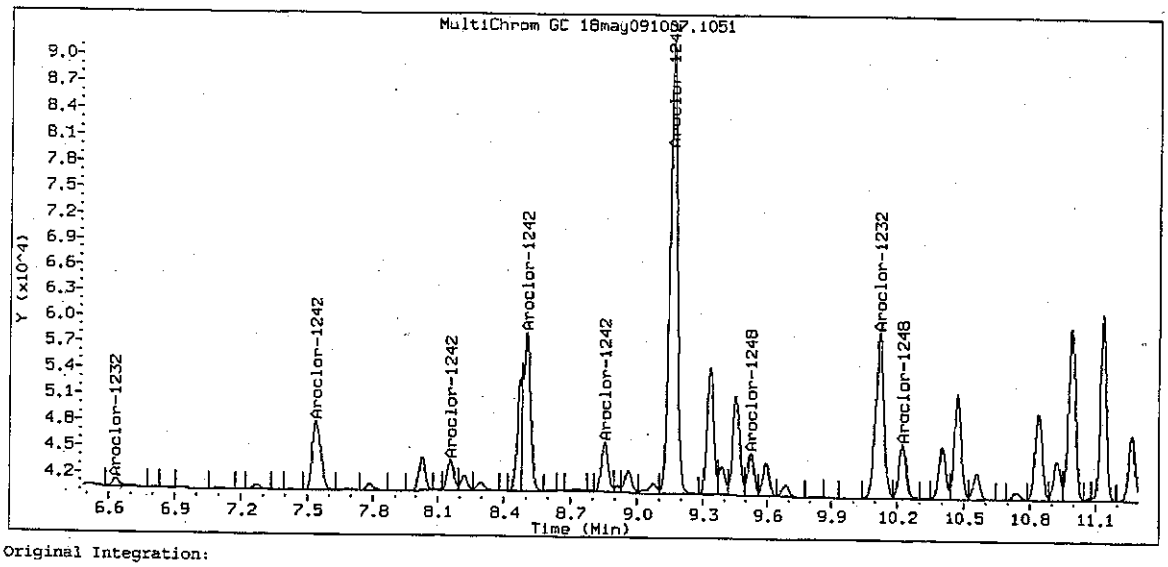
Peak RT	Expected RT	Target Compound
5.535	5.530	Tetrachloro-m-xylene
	6.224	Aroclor-1221
	6.628	Aroclor-1016
	6.634	Aroclor-1232
7.539	7.532	Aroclor-1248
	7.543	Aroclor-1242
11.706	11.694	Aroclor-1254
	13.085	Aroclor-1262
13.768	13.754	Aroclor-1260
	14.876	Aroclor-1268
16.643	16.635	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r051.d
Client Sample ID: E2QQ1MSD
Compound Name: Aroclor-1248

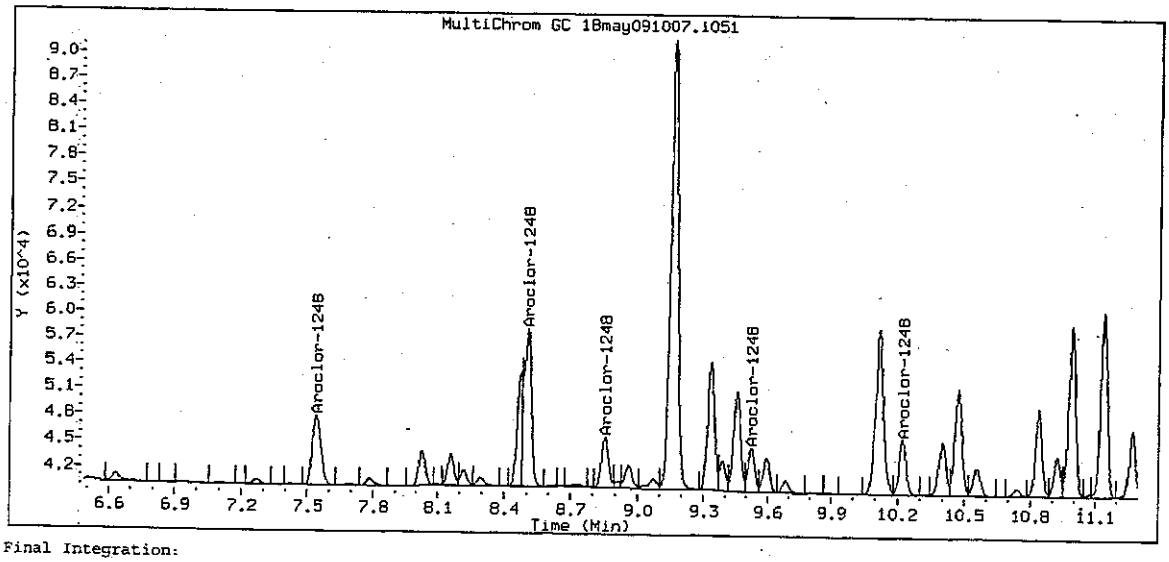
Inj. Date and Time: 18-MAY-2009 11:55
Instrument ID: 5253_2.i
CAS #: 12672-29-6

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:06



Original Integration:

RT = 7.5389 Height = 7959
RT = 8.5031 Height = 18211
RT = 8.8534 Height = 5701
RT = 9.5250 Height = 4920
RT = 10.2210 Height = 6236



Final Integration:

RT = 7.5389 Height = 7974
RT = 8.5031 Height = 18211
RT = 8.8534 Height = 5701
RT = 9.5250 Height = 4920
RT = 10.2210 Height = 6236

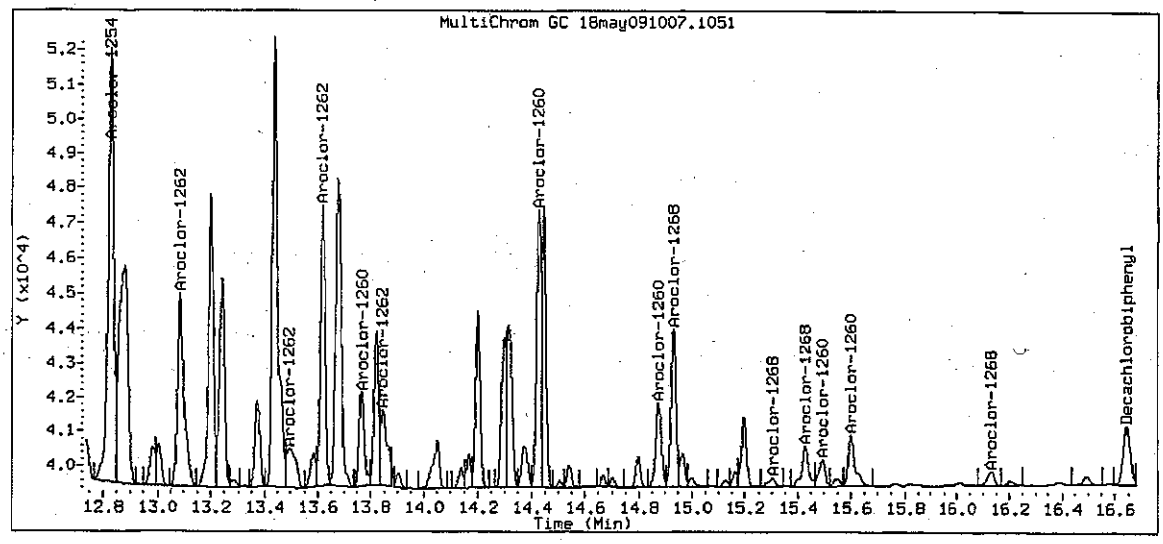
Manual Integration Reason: MI1 - Poor automated baseline

MANUAL INTEGRATION REPORT

Data File Name: 18may091007-r051.d
Client Sample ID: E2QQ1MSD
Compound Name: Aroclor-1260

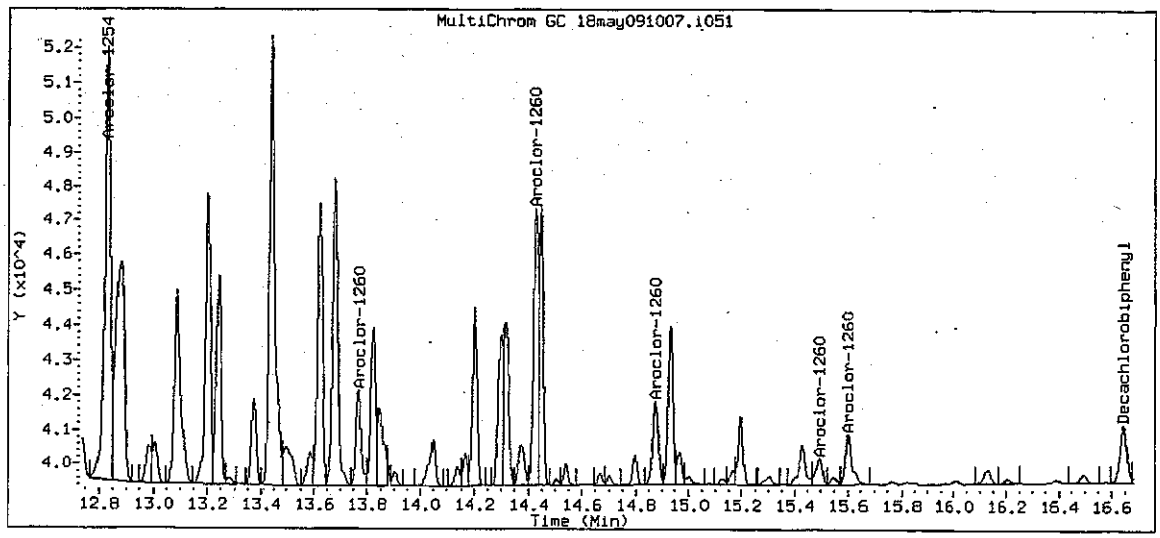
Inj. Date and Time: 18-MAY-2009 11:55
Instrument ID: 5253_2.i
CAS #: 11096-82-5

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 12:06



Original Integration:

RT = 13.7677 Height = 2727
RT = 14.4283 Height = 7985
RT = 14.8738 Height = 2431
RT = 15.4945 Height = 753
RT = 15.6009 Height = 1472



Final Integration:

RT = 13.7677 Height = 2795
RT = 14.4283 Height = 7985
RT = 14.8738 Height = 2431
RT = 15.4945 Height = 753
RT = 15.6009 Height = 1472

Manual Integration Reason: MI1 - Poor automated baseline

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ALCSQ3(1)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: ALCSQ3

Sample wt/vol: 30.4 (g/mL) g Lab File ID: 15MAY091517-R021

% Moisture: 0.0 Decanted: (Y/N) N Date Received:

Extraction: (Type) SONC Date Extracted: 05/08/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.2 Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	44	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	37	
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

SOM01.2

1H - FORM I ARO
AROCLOR ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
ALCSQ3(2)

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

Matrix: (SOIL/SED/WATER) Soil Lab Sample ID: ALCSQ3

Sample wt/vol: 30.4 (g/mL) g Lab File ID: 15MAY091517-R021

% Moisture: 0.0 Decanted: (Y/N) N Date Received:

Extraction: (Type) SONC Date Extracted: 05/08/2009

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/16/2009

Injection Volume: 1.0 (uL) GPC Factor: 1.0 Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.2 Sulfur Cleanup: (Y/N) Y

Acid Cleanup: (Y/N) Y

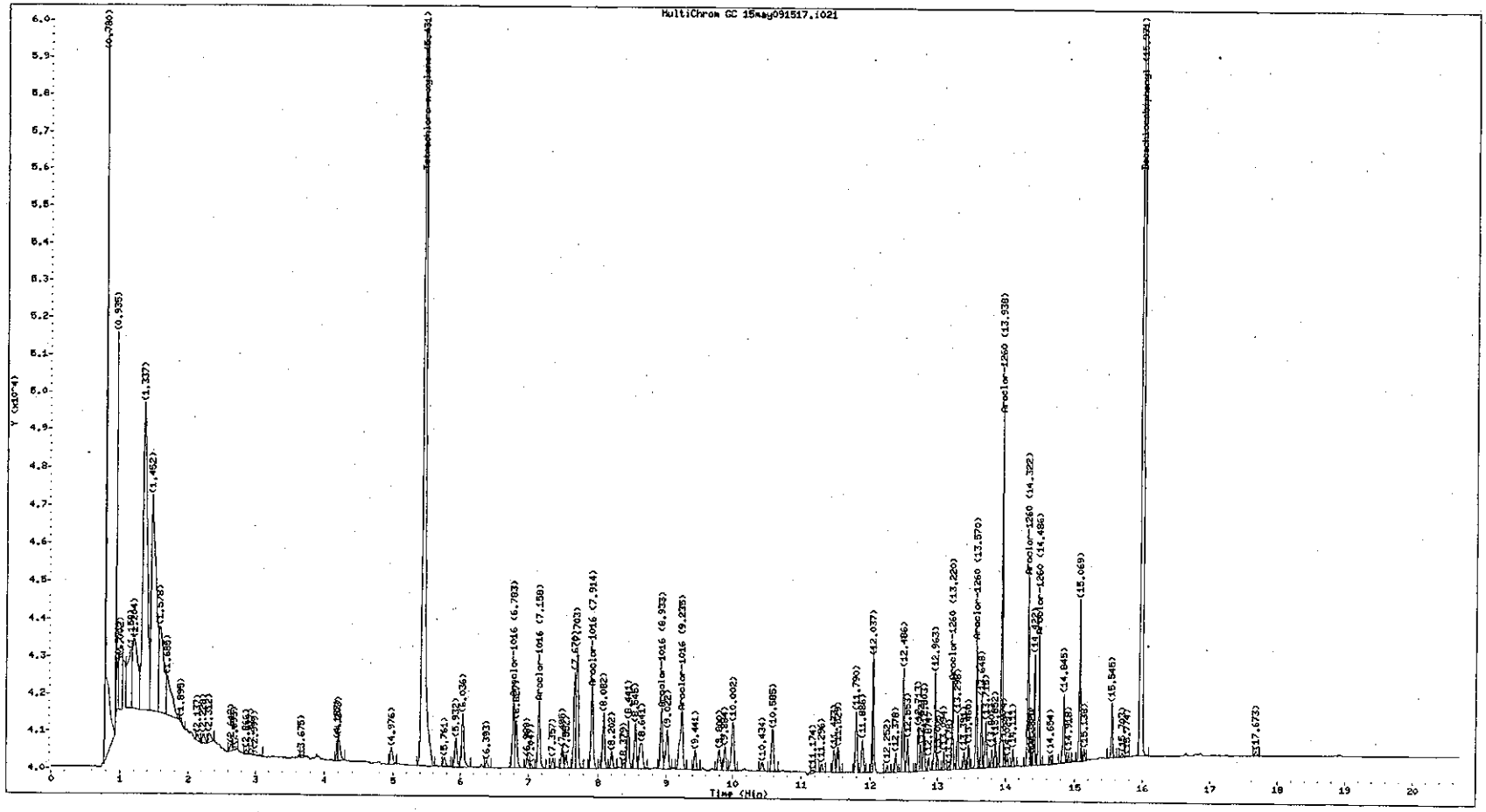
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg	Q
12674-11-2	Aroclor-1016	40	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	37	
37324-23-5	Aroclor-1262	33	U
11100-14-4	Aroclor-1268	33	U

SOM01.2

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ALCSQ3	Client Sample ID: ALCSQ3

Matrix	: SOIL	Sample Type	: LCS
Analyst	: DPD	Injection Date	: 16-MAY-2009 03:31
Instrument	: 5253_1.i	Injection Vol. (ul)	: 1.0
Column	: RTX-5	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r021.d		
Method	: /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m		
Reported	: 21-May-2009 11:18 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ALCSQ3 Client Sample ID: ALCSQ3

Matrix : SOIL
Analyst : DPD
Instrument : 5253_1.i
Column : RTX-5
Integrator : Falcon
Data File : 15may091517-r021.d
Method : /var/chem/5253_1.i/051509_1/15MAY091517.b/SOM01PCB_RTX5_2009.m
Reported : 21-May-2009 11:18 dpd

Sample Type : LCS
Injection Date : 16-MAY-2009 03:31
Injection Vol. (ul): 1.0
Dilution Factor : 1.0
Compound Sublist : all

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.780			18963	26219			
	2	0.935			3828	10395			
	3	0.971			1975	1272			
	4	1.002			4540	1392			
	5	1.150			6941	1555			
	6	1.204			10109	1866			
	7	1.337			36972	8161			
	8	1.452			28616	5741			
	9	1.578			11656	2306			
	10	1.685			5500	1053			
	11	1.895			263	123			
	12	2.137			440	174			
	13	2.228			650	252			
	14	2.312			736	254			
	15	2.642			433	187			
	16	2.695			217	99			
	17	2.866			265	129			
	18	2.937			440	155			
	19	2.999			449	114			
	20	3.675			210	86			
	21	4.183			713	561			
	22	4.203			1485	640			
	23	4.976			1170	444			
$	24	5.431	5.442	-0.012	79485	31672	0.05916295		Tetrachloro-m-xylene
	25	5.761			570	244			
	26	5.932			1707	766			
	27	6.036			3380	1419			
	28	6.393			377	187			
	29	6.783	6.794	-0.011	3771	1893	0.13624586		Aroclor-1016
	30	6.827			2821	1280			
	31	6.989			644	283			
	32	7.047			224	119			
	33	7.158	7.169	-0.012	4107	1816	0.13416943		Aroclor-1016
	34	7.357			543	277			
	35	7.495			1083	544			
	36	7.552			721	347			
	37	7.670			4512	2594			
	38	7.703			7027	3224			
	39	7.914	7.924	-0.010	4915	2185	0.13173761		Aroclor-1016
	40	8.082			3181	1483			
	41	8.202			930	441			
	42	8.379			303	157			
	43	8.441			2766	1292			
	44	8.545			2559	1219			
	45	8.641			2489	685			
	46	8.933	8.942	-0.009	3555	1632	0.13457851		Aroclor-1016
	47	9.022			2825	1041			
	48	9.235	9.244	-0.010	5036	1562	0.12847772		Aroclor-1016
	49	9.441			1098	510			
	50	9.800			1368	542			
	51	9.884			1406	635			
	52	10.002			3487	1295			
	53	10.434			578	238			
	54	10.585			2672	1121			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	11.174			241	75			
56	11.296			504	233			
57	11.473			1168	597			
58	11.529			1309	667			
59	11.790			3073	1640			
60	11.886			1810	881			
61	12.037			2639	3105			
62	12.252			356	211			
63	12.378			785	519			
64	12.486			4332	2776			
65	12.553			1461	896			
66	12.713			1783	1195			
67	12.752			1007	694			
68	12.803			1653	1123			
69	12.874			527	356			
70	12.963			4102	2606			
71	13.005			553	390			
72	13.094			706	494			
73	13.178			206	137			
74	13.220	13.230	-0.010	3373	2372	0.11902552		Aroclor-1260
75	13.298			2087	1457			
76	13.391			656	449			
77	13.460			910	646			
78	13.570	13.578	-0.008	4663	3426	0.11451109		Aroclor-1260
79	13.648			2556	1893			
80	13.715			2251	1247			
81	13.801			662	482			
82	13.852			1006	802			
83	13.938	13.949	-0.011	11588	9345	0.10712935		Aroclor-1260
84	13.974			757	618			
85	14.029			455	260			
86	14.111			614	458			
87	14.322	14.332	-0.010	7493	5031	0.10906637		Aroclor-1260
88	14.364			337	325			
89	14.382			240	252			
90	14.422			3578	2958			
91	14.486	14.494	-0.008	4671	3452	0.11306772		Aroclor-1260
92	14.654			291	247			
93	14.845			2806	1841			
94	14.918			326	259			
95	15.069			5537	4283			
96	15.138			451	308			
97	15.545			2107	1456			
98	15.703			232	108			
99	15.774			73	40			
$ 100	15.971	15.981	-0.010	221756	156070	0.12516641	M	Decachlorobiphenyl
101	17.673			278	124			

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
5.431	5.442	Tetrachloro-m-xylene
	5.772	Aroclor-1221
	6.051	Aroclor-1232
6.783	6.794	Aroclor-1016
	6.790	Aroclor-1248
	6.794	Aroclor-1242
	10.740	Aroclor-1254
13.220	13.230	Aroclor-1260
	13.316	Aroclor-1262
	14.439	Aroclor-1268

Reported: 05/21/2009 11:18 dpd 15may091517-r021.d Page 2

TestAmerica Burlington - Target GC Injection Report

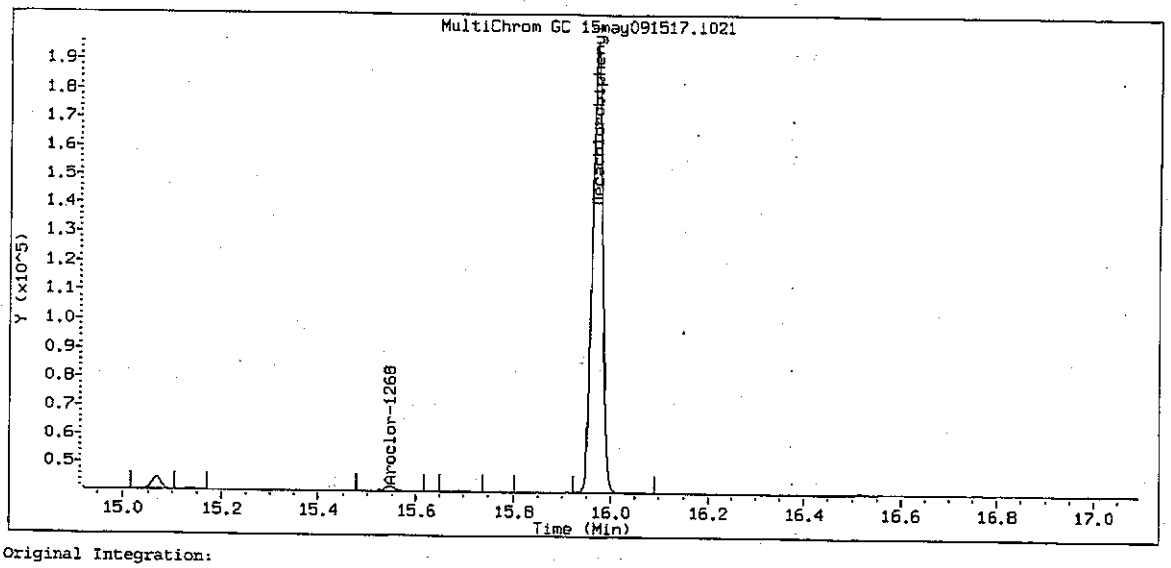
Peak RT	Expected RT	Target Compound
15.971	15.981	Decachlorobiphenyl

MANUAL INTEGRATION REPORT

Data File Name: 15may091517-r021.d
Client Sample ID: ALCSQ3
Compound Name: Decachlorobiphenyl

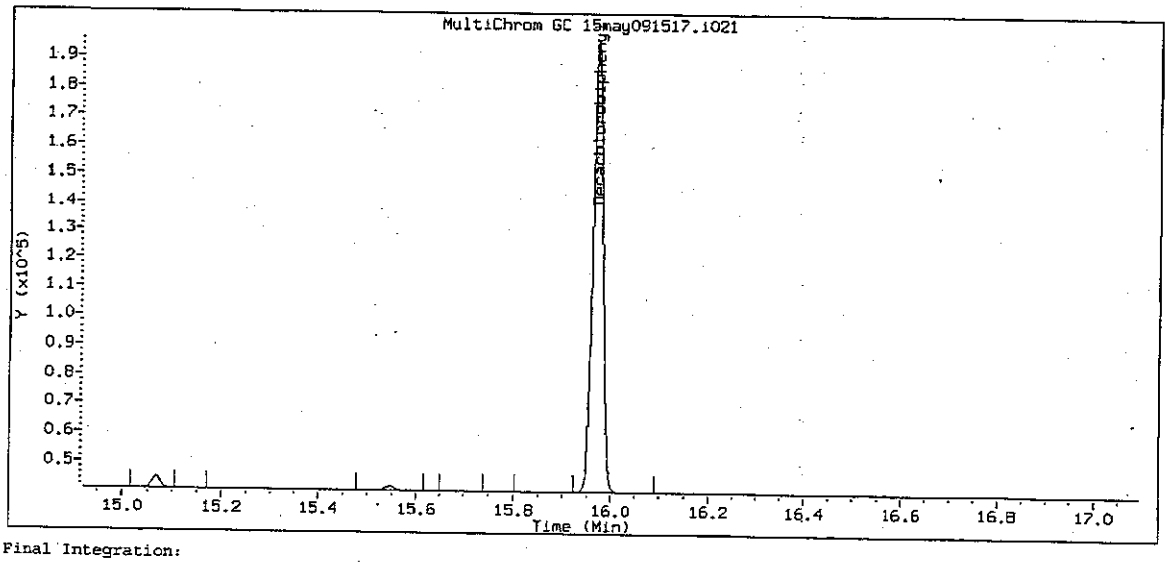
Inj. Date and Time: 16-MAY-2009 03:31
Instrument ID: 5253_1.i
CAS #: 2051-24-3

Target Version: Target 3.50
Report Version: 1.1
Report Date: 05/21/2009 11:18



Original Integration:

RT = 15.9711 Height = 156128



Final Integration:

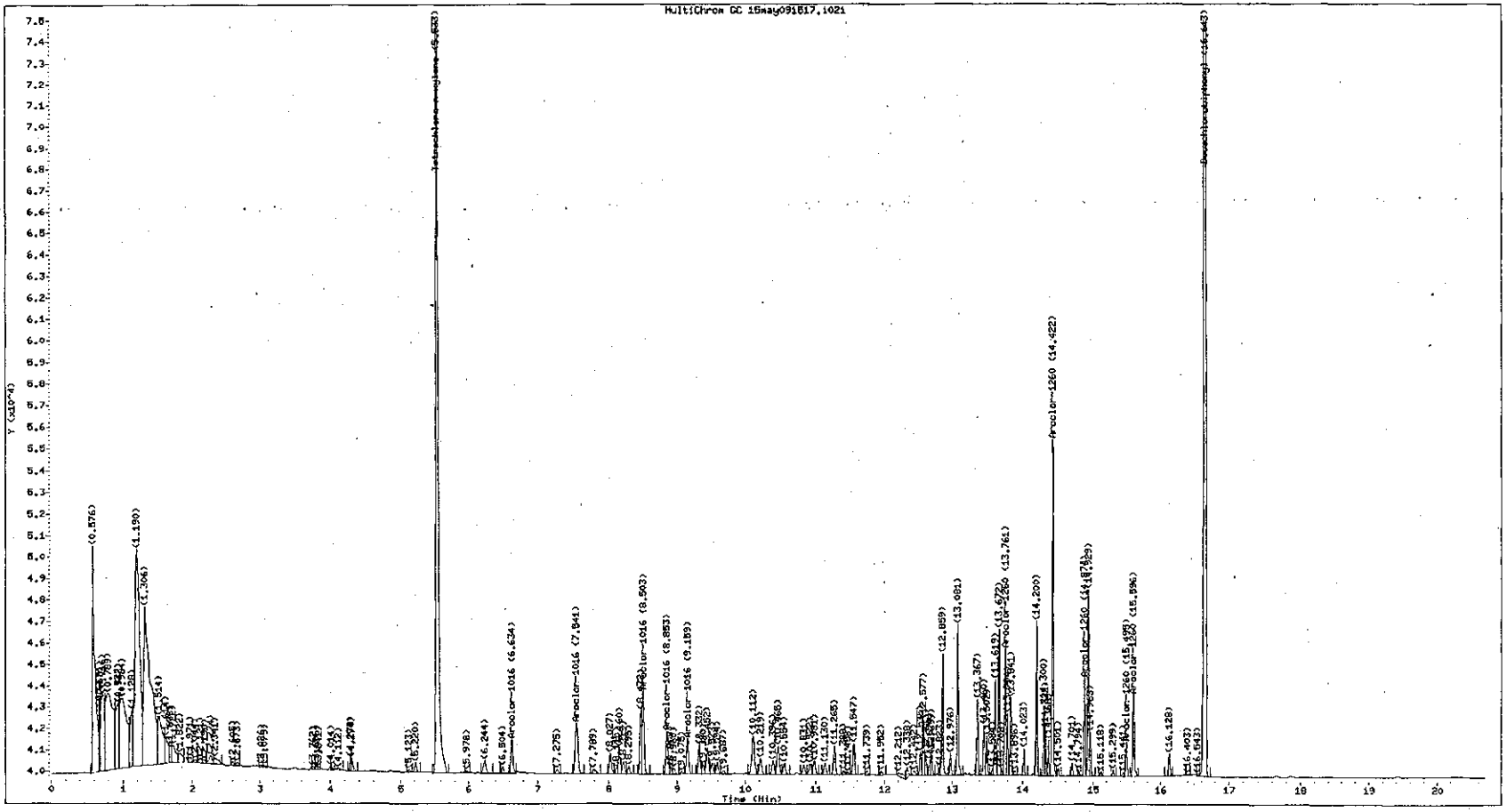
RT = 15.9711 Height = 156070

Manual Integration Reason: MI1 - Poor automated baseline

TestAmerica Burlington - Target GC Chromatogram

Lab Sample ID: ALCSQ3	Client Sample ID: ALCSQ3

Matrix	: SOIL	Sample Type	: LCS
Analyst	: DPD	Injection Date	: 16-MAY-2009 03:31
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r021.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:47 dpd		



TestAmerica Burlington - Target GC Injection Report

Lab Sample ID: ALCSQ3 Client Sample ID: ALCSQ3

Matrix	: SOIL	Sample Type	: LCS
Analyst	: DPD	Injection Date	: 16-MAY-2009 03:31
Instrument	: 5253_2.i	Injection Vol. (ul)	: 1.0
Column	: RTX-35	Dilution Factor	: 1.0
Integrator	: Falcon	Compound Sublist	: all
Data File	: 15may091517-r021.d		
Method	: /var/chem/5253_2.i/051509_1/15MAY091517.b/SOM01PCB_RTX35_2009.m		
Reported	: 21-May-2009 11:47 dpd		

Peaks

	Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
	1	0.576			25672	10613			
	2	0.667			1606	2981			
	3	0.681			2957	3283			
	4	0.716			13554	3584			
	5	0.789			25580	3593			
	6	0.927			8390	3040			
	7	0.942			2815	3030			
	8	0.984			22792	3251			
	9	1.128			7205	2634			
	10	1.190			49298	10144			
	11	1.306			52760	7398			
	12	1.514			11062	2252			
	13	1.614			4044	1204			
	14	1.676			1803	779			
	15	1.722			3144	764			
	16	1.822			1827	418			
	17	1.971			761	248			
	18	2.044			279	143			
	19	2.121			653	244			
	20	2.190			427	155			
	21	2.274			1221	372			
	22	2.341			1264	276			
	23	2.605			317	186			
	24	2.673			397	172			
	25	3.026			259	94			
	26	3.079			226	101			
	27	3.762			293	138			
	28	3.806			314	182			
	29	3.841			237	124			
	30	4.014			259	165			
	31	4.112			379	86			
	32	4.278			800	658			
	33	4.294			1010	606			
	34	5.123			246	120			
	35	5.220			938	454			
$	36	5.533	5.530	0.003	95289	42625	0.06235531		Tetrachloro-m-xylene
	37	5.978			220	111			
	38	6.244			1749	601			
	39	6.504			640	319			
	40	6.634	6.628	0.007	3343	1613	0.13090407		Aroclor-1016
	41	7.275			394	194			
	42	7.541	7.535	0.006	6903	2364	0.12628964		Aroclor-1016
	43	7.789			740	244			
	44	8.027			2157	967			
	45	8.115			509	286			
	46	8.160			2542	1200			
	47	8.219			1313	590			
	48	8.295			779	374			
	49	8.472			5120	2963			
	50	8.503	8.496	0.007	8300	3886	0.11827368		Aroclor-1016
	51	8.853	8.846	0.007	4456	2012	0.11903036		Aroclor-1016
	52	8.909			664	332			
	53	8.960			616	281			
	54	9.075			236	110			

TestAmerica Burlington - Target GC Injection Report

Peak No.	Peak RT	Expected RT	Delta RT	Area	Height	Extract Amount (ng)	Flags	Peak Identification
55	9.159	9.154	0.005	3663	1667	0.12042296		Aroclor-1016
56	9.332			2865	1315			
57	9.390			917	442			
58	9.452			2884	1225			
59	9.523			1151	524			
60	9.594			1238	552			
61	9.687			367	163			
62	10.112			4837	1767			
63	10.219			1702	741			
64	10.396			1448	627			
65	10.465			3006	1311			
66	10.554			1237	514			
67	10.831			1042	449			
68	10.922			1147	499			
69	10.981			1507	639			
70	11.130			1130	508			
71	11.265			2811	1312			
72	11.398			381	195			
73	11.458			245	117			
74	11.547			2813	1451			
75	11.739			391	169			
76	11.952			470	181			
77	12.212			1064	152			
78	12.338			815	497			
79	12.442			487	200			
80	12.535			1693	1082			
81	12.577			4031	2575			
82	12.613			1354	926			
83	12.670			1059	731			
84	12.699			1430	915			
85	12.823			527	412			
86	12.859			8548	5635			
87	12.976			1521	1005			
88	13.081			9981	6975			
89	13.367			4578	3494			
90	13.460			3150	2291			
91	13.502			2505	1822			
92	13.584			313	307			
93	13.619			6429	4416			
94	13.672			8919	6785			
95	13.708			353	323			
96	13.761	13.754	0.007	7324	5867	0.10988049		Aroclor-1260
97	13.794			3296	2871			
98	13.841			4561	3564			
99	13.896			265	220			
100	14.023			1548	1247			
101	14.200			8591	7139			
102	14.300			4001	3255			
103	14.322			2467	2152			
104	14.368			2004	1639			
105	14.422	14.414	0.007	18727	15569	0.10529199		Aroclor-1260
106	14.501			425	352			
107	14.701			734	627			
108	14.794			371	321			
109	14.874	14.864	0.010	5959	4549	0.11543305		Aroclor-1260
110	14.929			10419	8634			
111	14.963			2481	2040			
112	15.118			311	240			
113	15.299			422	312			
114	15.441			304	214			
115	15.495	15.486	0.008	2297	1604	0.11936411		Aroclor-1260
116	15.596	15.590	0.006	5723	3784	0.11464148		Aroclor-1260
117	16.128			1754	1054			
118	16.403			212	78			
119	16.543			207	84			
$ 120	16.643	16.635	0.007	179474	105924	0.12456957		Decachlorobiphenyl

Reported: 05/21/2009 11:47 dpd 15may091517-r021.d Page 2

TestAmerica Burlington - Target GC Injection Report

Flags: A - Peak quantitates above calibration range
a - Peak quantitates below reporting limit
H - User selected alternate compound hit
M - Peak manually integrated or manually identified
R - Peak fails recovery

Target Compounds

Peak RT	Expected RT	Target Compound
5.533	5.530	Tetrachloro-m-xylene
	6.224	Aroclor-1221
	6.634	Aroclor-1232
6.634	6.628	Aroclor-1016
	7.532	Aroclor-1248
	7.543	Aroclor-1242
	11.694	Aroclor-1254
	13.085	Aroclor-1262
13.761	13.754	Aroclor-1260
	14.876	Aroclor-1268
16.643	16.635	Decachlorobiphenyl

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Miscellaneous Documents

Sample Extraction Log — **Extraction Method: SOM01.1/1.2 SEMI EXS** — **Client(s):USEPA**

ETR/SDG: 131597/E2QQ1
Extraction Date: 05/09/09
Start Time: 1200
Stop Time: 1300
Cleanup Method(s): 3640A

Analyst(s): [illegible]
Spike Analyst: TBG
Spike Witness: [illegible]
DMC Surrogate Lot# OP0326090 3
SIM DMC Surrogate Lot# OP0316090 7
Matrix Spike Lot # OP0316090 8
SIM Matrix Spike Lot # —

Acetone Lot # OP0602307
CH2CL2 Lot # OP0602407
Na2SO4 Lot # OP0602407

781/58 (23)

	Sample Information			Extraction Procedure																	Extract Cleanup		Comments
	LAB ID	Client ID:	Bottle Code	pH (1:1 ratio sample/R.O.) stir for 1 hour	gm sample (30.00 gm)	Add 60 grams of sodium sulfate and mix.	Surr. 0.5mL DMC (80ppm) to all samples	Surr. 0.5mL SIM DMC (0.8ppm) to all samples	MTX: 0.5mL Matrix Spike (80ppm) to MS/MD only	MTX: 0.5mL SIM Matrix Spike (0.8ppm) to SIM MS/MD only	Add 100 mL 1:1 Acetone/CH2CL2	Sonicate 3.0 minutes	Decant through Na2SO4 funnel into a K-D set-up	Repeat 2(x) w/ 100mls 1:1 Acetone/CH2CL2; Record Date 5-9-09 and Time 1300 extraction completed.	Conc. extract to 1-2 mL	Filter through 0.45 um w/CH2CL2	Adjust volume to 10.0 mL with CH2CL2 in a 14ml amber vial	Archive 2.0ml in a 4ml amber vial	Determine % dissolved solids	Screen for Med. Level.	Perform GPC Clean-up	Conc to 0.5 mL place in a 2ml amber vial	Give extract to MS w/paperwork	
	SBLK: 1.9	—	—	6.23	29.94	[illegible]	✓	✓	XXX	XXX	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	STF	STF	STF	DE	MT	MT	
	794701	E2QQ1	A3	6.88	29.97		✓	✓	XXX	XXX														
	794701MD	E2QQ1MSD	↓	6.88	29.69		✓	✓	✓	XXX														
	794701MS	E2QQ1MS		6.88	29.52		✓	✓	✓	XXX														
*	X 794702	E2QQ2	A2	6.99	29.71		✓	✓	XXX	XXX														
	794703	E2QQ3	A3	7.20	30.11		✓	✓	XXX	XXX														
	794704	E2QQ4	A1	7.68	29.82		✓	✓	XXX	XXX														
	794705	E2QQ5	A2	7.11	30.17		✓	✓	XXX	XXX														
*	794706	E2QQ6	A1	7.25	29.82		✓	✓	XXX	XXX														
	794707	E2QQ7	A1	6.90	30.14		✓	✓	XXX	XXX														
	794708	E2QQ8	A2	6.96	29.83		✓	✓	XXX	XXX														
	794709	E2QR1	A2	7.42	29.76		✓	✓	XXX	XXX														
	794710	E2QR2	A1	7.31	30.11		✓	✓	XXX	XXX														
*	794711	E2QR3	A2	7.37	29.83		✓	✓	XXX	XXX														
	794712	E2QR4	A2	7.26	30.20		✓	✓	XXX	XXX														
	794713	E2QR5	A3	7.84	30.29		✓	✓	XXX	XXX														
*	794714	E2QR6	A3	7.30	30.42		✓	✓	XXX	XXX														
	794715	E2QR7	A2	8.14	30.29		✓	✓	XXX	XXX														
	794716	E2QR8	A1	8.88	30.21		✓	✓	XXX	XXX														
*	794717	E2QR9	A1	7.65	29.77		✓	✓	XXX	XXX														
*	X 794718	E2QS0	A3	7.44	30.02		✓	✓	XXX	XXX														
	794719	E2QS1	A2	8.25	29.79	✓	✓	✓	XXX	XXX														
*	X 794720	E2QS2	A3	8.16	30.17	✓	✓	✓	XXX	XXX	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

REVIEWED BY: [illegible]
DATE: 5/12/09

GPC J 479-0512

5/11/09

X pre-GPC samples archived, samples re-extracted medium level per screen results on 5/14/09 DT 5/14/09

TestAmerica Burlington * would NOT Boil Below 5-6 MLS [illegible] 9.09

Sample Extraction Log — **Extraction Method: SOM01 SEMI MED EXS** — **Client(s):** USEPA

ETR/SDG:	131592/B4TL1, 131597/E2QQ1	Analyst(s):	DI
Extraction Date:	5/14/09	Spike Analyst:	DI
Start Date/Time:	1605	Spike Witness:	mlk
Stop Date/Time:	1640	DMC Surrogate Lot#	OP05100901
Cleanup Method(s):	3640	Matrix Spike Lot #	OP03160902

CH2CL2 Lot # OP-06-026-09

Na2SO4 Lot # OP-06-026-10

782/14

Sample Information: LAB ID	Client ID	Bottle Code	Extraction Procedure: PH (1:1 ratio sample/R.O.) stir for 1 hour	gm sample (1.00 gm). Add to a 20mL vial.	Add 2.0 g baked granular Na2SO4 and mix	SURR: 0.5mL DMC (80ppm) to all samples	MTX: 0.5mL MTX Spike (80ppm) to MS/MD only	Adjust volume to ~10.0mL w/CH2CL2	Sonicate continuously for 2.0 minutes using a tuned micro horn	Filter extract thru a 0.45 um filter	Adjust to 10.0mL w/ Methylene Chloride in a 16ml amber vial	Extract Cleanup Procedure: Perform GPC Clean-up. GPC-H 476-0512	Conc to 0.5 mL in a 2.0ml amber vial	Give extract to GC/MS w/ paperwork	Comments
SBLK: M4	—	—	6.75	1.05	DI	MLK	XXX	DI	DI	DI	DI	DI	MC	MC	
794702 MS	E2QQ2MS	A3	6.99	1.00	↓	✓	✓	↓	↓	↓	↓	↓	↓	↓	
794702 MD	E2QQ2MSD	↓	6.99	1.01	↓	✓	✓	↓	↓	↓	↓	↓	↓	↓	
794656	B4TL5	↓	8.78	1.05	↓	✓	X	↓	↓	↓	↓	↓	↓	↓	
794662	B4TM1	↓	7.93	0.99	↓	✓	X	↓	↓	↓	↓	↓	↓	↓	
794664	B4TM3	↓	8.10	1.00	↓	✓	X	↓	↓	↓	↓	↓	↓	↓	
794702	E2QQ2	↓	6.99	1.00	↓	✓	X	↓	↓	↓	↓	↓	↓	↓	
794718	E2QS0	↓	7.44	1.01	↓	✓	X	↓	↓	↓	↓	↓	↓	↓	
794720	E2QS2	↓	8.18	1.03	↓	✓	X	↓	↓	↓	↓	↓	↓	↓	

All samples except 794662 & 794664 have a high moisture content
All samples filtered w/ sodium sulfate prior to GPC processing
Sample 794720 required three filters for GPC prep DI 5/14/09

REVIEWED BY: [signature]
DATE: 5/16/09

[signature] 5-15-09

DI 5/14/09

14

TestAmerica Burlington

Sample Extraction Log — **Extraction Method: SOM01.1/1.2 SEMI EXS** — **Client(s):** USEPA

ETR/SDG:	131597 / E2QQ1	Analyst(s):	JFF	Acetone Lot #	OP 0602506
Extraction Date:	5/22/09	Spike Analyst:	JFF	CH2CL2 Lot #	OP0602216
Start Time:	1848	Spike Witness:	[illegible]		
Stop Time:	1910	DMC Surrogate Lot#	OP05170903	Na2SO4 Lot #	OP0602610
Cleanup Method(s):	3640A	SIM DMC Surrogate Lot#	OP0316090		
		Matrix Spike Lot #			
		SIM Matrix Spike Lot #			

Sample Information — Extraction Procedure — Extract Cleanup — Comments

782/74

GPC-J 479-0521

LAB ID	Client ID:	Bottle Code	pH (1:1 ratio sample/R.O.) stir for 1 hour	gm sample (30.00 gm)	Add 60 grams of sodium sulfate and mix.	Surr. 0.5mL DMC (80ppm) to all samples	Surr. 0.5mL SIM DMC (0.8ppm) to all samples	MTX: 0.5mL Matrix Spike (80ppm) to MS/MD only	MTX: 0.5mL SIM Matrix Spike (0.8ppm) to SIM MS/MD only	Add 100 mL 1:1 Acetone/CH2CL2	Sonicate 3.0 minutes	Decant through Na2SO4 funnel into a K-D set-up	Repeat 2(x) w/ 100mls 1:1 Acetone/CH2CL2; Record Date 5/22 and Time 1910 extraction completed.	Conc. extract to 1-2 mL	Filter through 0.45 um w/CH2CL2	Adjust volume to 10.0 mL with CH2CL2 in a 16ml amber vial	Archive 2.0ml in a 4ml amber vial	Determine % dissolved solids	Screen for Med. Level.	Perform GPC Clean-up	Conc to 0.5 mL, place in a 2ml amber vial	Give extract to MS w/paperwork	Comments
SBLK: 01	–	–	6.66	30.19	JFF	✓	✓	XXX	XXX	JFF	JFF	JFF	JFF	JFF	JFF	JFF	JFF	–	–	DI	JFF	JFF	
MD									XXX														
MS									XXX														
M1								XXX															
M2								XXX															
794703R1	E2QQ4	A2	7.20	30.27	JFF	✓	✓	X	X	JFF	JFF	JFF	JFF	JFF	JFF	JFF	JFF	–	–	DI	JFF	JFF	

JFF 5/22/09

Batch MS/MSD was not performed due to insufficient sample volume.

REVIEWED BY: [illegible]

DATE: 5/22/09

JFF 5/22/09

JFF 5/22/09

74

TestAmerica Burlington

Organic Preparation Dissolved Solids Calculations

Date: 05/11/09 **Analyst:** JFF

Time: 1735 **ETR(s):** 131597

Client: USEPA

Sample ID	Dish (g)	Dish and Residue (g)	Extract Final Volume (mLs)	Aliquot Used in Determination (uLs)	Dissolved Solids (g/10mLs)	Extract needs to be Split
SBLKL8	1.0010	1.0008	10	100	-0.020	
794701	1.0049	1.0146	10	100	0.970	* 3
794701MD	0.9971	1.0054	10	100	0.830	* 3
794701MS	1.0104	1.0187	10	100	0.830	* 3
794702	1.0167	1.0524	10	100	3.570	* med
794703	1.0213	1.0216	10	100	0.030	
794704	1.0021	1.0022	10	100	0.010	
794705	1.0165	1.0166	10	100	0.010	
794706	1.0010	1.0028	10	100	0.180	
794707	0.9927	0.9930	10	100	0.030	
794708	0.9962	0.9970	10	100	0.080	
794709	1.0204	1.0206	10	100	0.020	
794710	0.9981	0.9979	10	100	-0.020	
794711	1.0121	1.0170	10	100	0.490	* 2
794712	1.0118	1.0168	10	100	0.500	* 2
794713	1.0107	1.0099	10	100	-0.080	
794714	0.9864	0.9964	10	100	1.000	* 3
794715	1.0207	1.0208	10	100	0.010	
794716	1.0135	1.0139	10	100	0.040	
794717	1.0105	1.0154	10	100	0.490	* 2
794718	1.0105	1.0560	10	100	4.550	* med
795719	1.0015	1.0016	10	100	0.010	
794720	1.0203	1.0683	10	100	4.800	* med
			10	100	0.000	
			10	100	0.000	
			10	100	0.000	

TestAmerica Burlington SBLKL8131597 05/11/09

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

Sequence		Instrument Information		Standard Traceability		Instrument Performance Checks
Batch ID:	BFVMF	Instrument:	HP5971	DFTPP Lot #:	MS03300901 DTB 05/20/09	☑ Tune Standard
Test Method:	SOM01.2	Instrument ID:	R	ISTD Lot #:	~~MS04010901~~ MS05700901	☑ RF Summary
Start Date: 05/20/09	Time: 1010	Injection Volume:	2uL	ICAL / CCV / ICV Lot # (s):	See Comment Section	☐ Internal Standard Response
End Date: 05/20/09	Time: 2210	Column Type:	5% diphenyl - 95% Dimethyl polysiloxane			☐ RT & Ratios Updated
ICAL Date: 04/08/09						

Sequence Information						Individual Sample Review				Comments / Standard Traceability
Inj. Time	Lab ID / File Name	Bottle Code	ETR	DF	Operator	SS	ISTD	Conc	PA	
0838	REVB6PS	DFTPP	NA	NA	DTB	NA	NA	✓	DTB	
0901	REV040MF	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	MS03130901, 02, 03, MS04270901, MS02190902
0937	REV040MG	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	
1010	REVB7PS	DFTPP	NA	NA	DTB	NA	NA	✓	DTB	
1033	REV040MH	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	
1113	REV040MI	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	
1237	REW160	SSTD080	NA	NA	DTB	NA	NA	✓	DTB	
1312	REW080	SSTD040	NA	NA	DTB	NA	NA	✓	DTB	
1348	REW040	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	
1423	REW020	SSTD010	NA	NA	DTB	NA	NA	✓	DTB	
1458	REW010	SSTD005	NA	NA	DTB	NA	NA	✓	DTB	
1533	REW100K	SSTD050	NA	NA	DTB	NA	NA	✓	DTB	MS03230901, 02, MS04020901
1609	B0519N4	SBLKN4	131786	100%	DTB	✓	✓	✓	DTB	C
1644	795810	A4	131786	100%	DTB	✓	✓	✓	DTB	C CY2J5
1719	795811	A4	131786	100%	DTB	✓	✓	↑	DTB	R CY2J6
1754	795812	A4	131786	100%	DTB	✓	✓	↑	DTB	R CY2J7
1830	795813	A4	131786	100%	DTB	✓ ↓	✓	✓	DTB	R CY2J8
1905	REW040MJ	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	C
1940	REW040MK	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	
2016	I4760519	GPC-I4760519	100%	CPC		NA	✓	✓	DTB	C
2051	L4750519	GPC-L4750519	100%	CPC		NA	✓	✓	DTB	C

DTB 05/21/09

PA=Primary Analyst • ISTD=Internal Standard • Conc=Value within Cal Range • SS=Surrogate • C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

BR-FSM008:05.24.07:5
TestAmerica

Page

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

Sequence	Instrument Information	Standard Traceability	Instrument Performance Checks
Batch ID: RFWMK	Instrument: HP5971	DFTPP Lot #: MS03300901	☑ Tune Standard
Test Method: SemoLE	Instrument ID: R	ISTD Lot #: MS05200901	☑ RF Summary
Start Date: 05/21/09 Time: 1017	Injection Volume: 2uL	ICAL / CCV / ICV Lot # (s): See Comment Section	☐ Internal Standard Response
End Date: 05/21/09 Time: 2217	Column Type: 5% diphenyl - 95% Dimethyl polysiloxane		☑ RT & Ratios Updated
ICAL Date: 05/20/09			

Sequence Information						Individual Sample Review				Comments / Standard Traceability
Inj. Time	Lab ID / File Name	Bottle Code	ETR	DF	Operator	SS	ISTD	Conc	PA	
0413	RFV38PS DTB 5/21/09	DFTPP	NA	NA	DTB	NA	NA	✓	DTB	
0437	RFW040MKL	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	MS03130901,02,03, MS04270901, MS02190902
0536	79581ID	A4	131786	20%	DTB	✓	✓	↑	DTB	C CYZJ6
0611	79581IDZ	A4	131786	3%	DTB	✓	✓	↑	DTB	R 1.5% CYZJ6
0646	79581ZD	A4	131786	30%	DTB	✓	✓	↑	DTB	C CYZJ7
0721	79581ZDZ	A4	131786	2.5%	DTB	✓	✓	↓	DTB	R 5% CYZJ7 Ad @ 2.5% DTB 5/21/09
0756	79581Z DTB 5/21/09	A4	131786	100%	DTB	↓	✓	✓	DTB	C CYZJ8
0832	79581ZD3	A4	131786 DTB 5/21/09	1.5%	DTB	✓	✓	✓	DTB	C CYZJ6
0907	79581ZD3	A4	131786 5/21/09	5%	DTB	✓	✓	↓	DTB	R 5% CYZJ7 Ad @ 2.5% DTB 5/21/09
0942	79581ZD4	A4	131786	5%	DTB	✓	✓	✓	DTB	C CYZJ7
1017	RFW040MM	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	C MS03130901,02,03, MS04270901, MS02190902
1055	B050968	SBLKLB	NA	100%	DTB	✓	✓	✓	DTB	
1130	794703	A3	131597	100%	DTB	↓	✓	✓	DTB	R E2QQ3
1309	794704	A1	131597	100%	DTB	✓	✓	✓	DTB	E2QQ4 SEQUENCE TABLE OPEN
1344	794705	A2	131597	100%	DTB	✓	✓	✓	DTB	E2QQ5
1419	794706D	A1	131597	25%	DTB	✓	✓	✓	DTB	E2QQ6
1454	794707	A1	131597	100%	DTB	✓	✓	✓	DTB	E2QQ7
1529	794708	A2	131597	100%	DTB	✓	✓	✓	DTB	E2QQ8
1604	794709	A2	131597	100%	DTB	✓	✓	✓	DTB	E2QR1
1639	794710	A1	131597	100%	DTB	✓	✓	✓	DTB	E2QR2
1715	794711D1	A2	131597	25%	DTB	✓	↓	✓	DTB	R 20% E2QR3
1750	794712D	A2	131597	25%	DTB	✓	↓	↑	DTB	R 15% E2QR4
1825	794713	A3	131597	100%	DTB	✓	✓	✓	DTB	E2QR5
1900	794714D	A3	131597	40%	DTB	✓	✓↓	✓	DTB	R 20% E2QR6
1935	794715	A2	131597	100%	DTB	✓	✓ DTB 5/21/09	↑ ✓	DTB	~~R 50%~~ DTB 5/21/09 E2QR7
2010	794716	A1	131597	100%	DTB	✓	↓	↑	DTB	R 50% E2QR8
2046	794719	A2	131597	100%	DTB	✓↓	✓	✓	DTB	E2Q51
2121	RFW040MN	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	MS03150901, 02, 03, MS04270901, MS02190902
2156	RFW040MP	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	↓ ↓ ↓ ↓ ↓
			DTB 5/22/09							

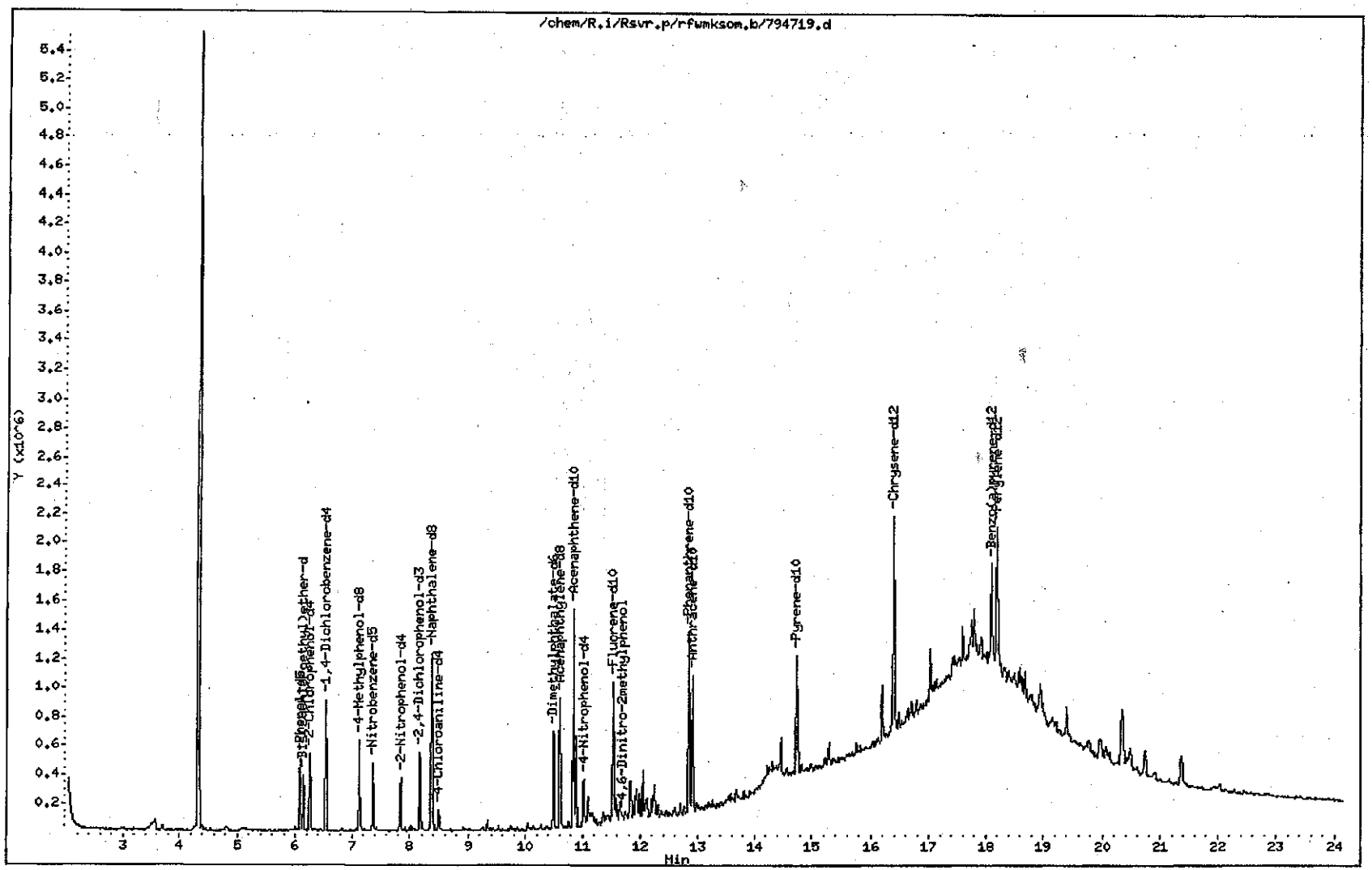
PA=Primary Analyst • ISTD=Internal Standard • Conc=Value within Cal Range • SS=Surrogate • C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

BR-FSM008:05.24.07:5
TestAmerica

Data File: /chem/R.i/Rsvr.p/rfwmksom.b/794719.d
Date : 21-MAY-2009 20:46
Client ID: E2QS1
Sample Info: E2QS1 :[ ]05/05/09 @1611(SEDIMENT)
Volume Injected (uL): 2.0
Column phase: Rxi-5ms

Instrument: R.i

Operator: djb
Column diameter: 0.25



Data File: /chem/R.i/Rsvr.p/rfwmksom.b/794719.d
Report Date: 27-May-2009 15:04

TestAmerica Burlington

SEMIVOLATILE QUANTITATION REPORT

Data file : /chem/R.i/Rsvr.p/rfwmksom.b/794719.d
Lab Smp Id: 794719 Client Smp ID: E2QS1
Inj Date : 21-MAY-2009 20:46
Operator : djb Inst ID: R.i
Smp Info : E2QS1 :[ ]05/05/09 @1611(SEDIMENT)
Misc Info : 794719,2F5A_SBLKL8,1
Comment :
Method : /chem/R.i/Rsvr.p/rfwmksom.b/fsom12.m
Meth Date : 26-May-2009 16:43 je Quant Type: ISTD
Cal Date : 20-MAY-2009 12:37 Cal File: rfw160.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SOM12.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*Vt/(Vi*Ws*(100-M)/100)*GPC * CpndVariab

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	500.00000	Volume of final extract (uL)
Vi	2.00000	Volume injected (uL)
Ws	29.79000	Weight of sample extracted (g)
M	63.00000	% Moisture
GPC	2.00000	GPC Factor

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/kg)
	4 Benzaldehyde	77	Compound Not Detected.					
$	5 Phenol-d5	71	6.090	6.077	(0.931)	89038	26.8054	1200
	6 Phenol	94	Compound Not Detected.					
$	7 Bis(2-chloroethyl)ether-d8	67	6.141	6.128	(0.939)	144143	20.7927	940
	8 Bis(2-chloroethyl)ether	93	Compound Not Detected.					
$	9 2-Chlorophenol-d4	132	6.265	6.251	(0.958)	225035	25.5638	1200
	10 2-Chlorophenol	128	Compound Not Detected.					
*	11 1,4-Dichlorobenzene-d4	152	6.542	6.528	(1.000)	226350	40.0000	
	13 2-Methylphenol	108	Compound Not Detected.					
	14 2,2'-Oxybis(1-chloropropane)	45	Compound Not Detected.					
$	15 4-Methylphenol-d8	113	7.127	7.124	(1.089)	182425	26.3505	1200
	16 Acetophenone	105	Compound Not Detected.					

Data File: /chem/R.i/Rsvr.p/rfwmksom.b/794719.d
Report Date: 27-May-2009 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/kg)
	17 4-Methylphenol	108	Compound Not Detected.					
	19 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	20 Hexachloroethane	116	Compound Not Detected.					
$	21 Nitrobenzene-d5	128	7.374	7.360	(0.880)	110969	24.0818	1100
	22 Nitrobenzene	77	Compound Not Detected.					
	23 Isophorone	82	Compound Not Detected.					
$	24 2-Nitrophenol-d4	143	7.846	7.833	(0.936)	116889	23.1991	1100
	25 2-Nitrophenol	139	Compound Not Detected.					
	26 2,4-Dimethylphenol	107	Compound Not Detected.					
	27 Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
$	28 2,4-Dichlorophenol-d3	165	8.175	8.172	(0.975)	182111	23.3419	1100
	29 2,4-Dichlorophenol	162	Compound Not Detected.					
*	30 Naphthalene-d8	136	8.380	8.367	(1.000)	890807	40.0000	
	31 Naphthalene	128	Compound Not Detected.					
$	32 4-Chloroaniline-d4	131	8.504	8.490	(1.015)	77228	6.78102	310(a)
	33 4-Chloroaniline	127	Compound Not Detected.					
	34 Hexachlorobutadiene	224	Compound Not Detected.					
	35 Caprolactam	113	Compound Not Detected.					
	36 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	37 2-Methylnaphthalene	142	Compound Not Detected.					
	38 1,2,4,5-Tetrachlorobenzene	215	Compound Not Detected.					
	39 Hexachlorocyclopentadiene	236	Compound Not Detected.					
	40 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	41 2,4,5-Trichlorophenol	196	Compound Not Detected.					
	42 1,1'-Biphenyl	154	Compound Not Detected.					
	43 2-Chloronaphthalene	162	Compound Not Detected.					
	44 2-Nitroaniline	65	Compound Not Detected.					
$	45 Dimethylphthalate-d6	166	10.506	10.493	(0.969)	420117	25.5264	1200(R)
	46 Dimethylphthalate	163	Compound Not Detected.					
$	47 Acenaphthylene-d8	160	10.619	10.606	(0.979)	574874	24.7609	1100
	48 Acenaphthylene	152	Compound Not Detected.					
	49 2,6-Dinitrotoluene	165	Compound Not Detected.					
	50 3-Nitroaniline	138	Compound Not Detected.					
*	51 Acenaphthene-d10	164	10.845	10.832	(1.000)	446099	40.0000	
	52 Acenaphthene	153	10.886	10.873	(1.004)	202402	14.3386	650
	53 2,4-Dinitrophenol	184	Compound Not Detected.					
$	54 4-Nitrophenol-d4	143	11.030	11.017	(1.017)	83126	20.0200	910
	55 4-Nitrophenol	109	Compound Not Detected.					
	56 Dibenzofuran	168	11.102	11.089	(1.024)	72073	3.66421	170(a)
	57 2,4-Dinitrotoluene	165	Compound Not Detected.					
	58 2,3,4,6-Tetrachlorophenol	231	Compound Not Detected.					
	59 Diethylphthalate	149	Compound Not Detected.					
$	60 Fluorene-d10	176	11.533	11.520	(1.063)	348790	24.7162	1100(R)
	61 Fluorene	166	11.564	11.561	(1.066)	46687	2.85997	130(a)
	62 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	63 4-Nitroaniline	138	Compound Not Detected.					
$	64 4,6-Dinitro-2methylphenol-d2	200	11.687	11.684	(0.911)	3692	1.47047	67(aQ)
	65 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					

Data File: /chem/R.i/Rsvr.p/rfwmksom.b/794719.d
Report Date: 27-May-2009 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/kg)
	66 N-Nitrosodiphenylamine	169	Compound Not Detected.					
	67 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	68 Hexachlorobenzene	283	Compound Not Detected.					
	69 Atrazine	200	Compound Not Detected.					
	70 Pentachlorophenol	265	Compound Not Detected.					
*	71 Phenanthrene-d10	188	12.827	12.814	(1.000)	641981	40.0000	
	72 Phenanthrene	178	12.858	12.845	(1.002)	44607	2.31713	110(a)
$	73 Anthracene-d10	188	12.889	12.886	(1.005)	466013	24.8503	1100
	74 Anthracene	178	12.910	12.906	(1.006)	22139	1.14648	52(a)
	75 Carbazole	167	Compound Not Detected.					
	76 Di-n-butylphthalate	149	Compound Not Detected.					
	77 Fluoranthene	202	14.460	14.447	(1.127)	106611	5.74131	260(a)
$	78 Pyrene-d10	212	14.738	14.724	(0.900)	395071	18.9809	860(R)
	79 Pyrene	202	14.758	14.745	(0.901)	103990	3.97024	180(a)
	80 Butylbenzylphthalate	149	Compound Not Detected.					
	81 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	82 Benzo(a)anthracene	228	16.360	16.347	(0.999)	42753	1.97474	90(a)
*	83 Chrysene-d12	240	16.381	16.368	(1.000)	747257	40.0000	
	84 Chrysene	228	16.412	16.398	(1.002)	62006	3.05162	140(a)
	85 Bis(2-ethylhexyl)phthalate	149	16.463	16.460	(1.005)	31965	1.83246	83(a)
	86 Di-n-octylphthalate	149	Compound Not Detected.					
	87 Benzo(b)fluoranthene	252	17.716	17.703	(0.974)	51094	3.47640	160(aM)
	88 Benzo(k)fluoranthene	252	17.726	17.733	(0.975)	61487	3.30185	150(aM)
$	89 Benzo(a)pyrene-d12	264	18.086	18.072	(0.994)	328141	26.8935	1200(R)
	90 Benzo(a)pyrene	252	18.117	18.103	(0.996)	40560	2.82717	130(a)
*	91 Perylene-d12	264	18.189	18.175	(1.000)	502971	40.0000	
	92 Indeno(1,2,3-cd)pyrene	276	19.698	19.685	(1.083)	18673	1.10015	50(a)
	93 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	94 Benzo(g,h,i)perylene	276	20.130	20.106	(1.107)	15450	1.03425	47(aQ)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: /chem/R.i/Rsvr.p/rfwmksom.b/794719.d
Report Date: 27-May-2009 15:04

TestAmerica Burlington

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: R.i
Lab File ID: 794719.d
Lab Smp Id: 794719
Analysis Type: SV
Quant Type: ISTD
Operator: djb
Method File: /chem/R.i/Rsvr.p/rfwmksom.b/fsom12.m
Misc Info: 794719,2F5A_SBLKL8,1

Calibration Date: 21-MAY-2009
Calibration Time: 10:17
Client Smp ID: E2QS1
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
11 1,4-Dichlorobenze	221794	110897	443588	226350	2.05
30 Naphthalene-d8	811775	405888	1623550	890807	9.74
51 Acenaphthene-d10	433803	216902	867606	446099	2.83
71 Phenanthrene-d10	758445	379222	1516890	641981	-15.36
83 Chrysene-d12	745090	372545	1490180	747257	0.29
91 Perylene-d12	639393	319696	1278786	502971	-21.34

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
11 1,4-Dichlorobenze	6.53	6.03	7.03	6.54	0.21
30 Naphthalene-d8	8.37	7.87	8.87	8.38	0.16
51 Acenaphthene-d10	10.83	10.33	11.33	10.85	0.12
71 Phenanthrene-d10	12.81	12.31	13.31	12.83	0.11
83 Chrysene-d12	16.37	15.87	16.87	16.38	0.08
91 Perylene-d12	18.18	17.68	18.68	18.19	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem/R.i/Rsvr.p/rfwmksom.b/794719.d
Report Date: 27-May-2009 15:04

TestAmerica Burlington

RECOVERY REPORT

Client Name: USEPA
Sample Matrix: SOLID
Lab Smp Id: 794719
Level: LOW
Data Type: MS DATA
SpikeList File: LCS.spk
Sublist File: SOM12.sub
Method File: /chem/R.i/Rsvr.p/rfwmksom.b/fsom12.m
Misc Info: 794719,2F5A_SBLKL8,1

Client SDG: E2QQ1
Fraction: SV
Client Smp ID: E2QS1
Operator: djb
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 5 Phenol-d5	3600	1200	33.51	17-103
$ 7 Bis(2-chloroethyl)	3600	940	25.99	12-98
$ 9 2-Chlorophenol-d4	3600	1200	31.95	13-101
$ 15 4-Methylphenol-d8	3600	1200	32.94	8-100
$ 21 Nitrobenzene-d5	3600	1100	30.10	16-103
$ 24 2-Nitrophenol-d4	3600	1100	29.00	16-104
$ 28 2,4-Dichlorophenol	3600	1100	29.18	23-104
$ 32 4-Chloroaniline-d4	3600	310	8.48	1-145
$ 45 Dimethylphthalate-	3600	1200	31.91*	43-111
$ 47 Acenaphthylene-d8	3600	1100	30.95	20-97
$ 54 4-Nitrophenol-d4	3600	910	25.02	16-166
$ 60 Fluorene-d10	3600	1100	30.90*	40-108
$ 64 4,6-Dinitro-2methy	3600	67	1.84	1-121
$ 73 Anthracene-d10	3600	1100	31.06	22-98
$ 78 Pyrene-d10	3600	860	23.73*	51-120
$ 89 Benzo(a)pyrene-d12	3600	1200	33.62*	43-111

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

Sequence		Instrument Information		Standard Traceability		Instrument Performance Checks
Batch ID:	RFVMQ	Instrument:	HP5971	DFTPP Lot #:	MS03300901	☑ Tune Standard
Test Method:	Somol.2	Instrument ID:	R	ISTD Lot #:	MS05200901	☑ RF Summary
Start Date:	05/22/09 Time: 0514	Injection Volume:	2uL	ICAL / CCV / ICV Lot # (s):	See Comment Section	☐ Internal Standard Response
End Date:	05/22/09 Time: 1714	Column Type:	5% diphenyl - 95% Dimethyl polysiloxane			☑ RT & Ratios Updated
ICAL Date:	05/20/09					

Sequence Information						Individual Sample Review				Comments / Standard Traceability
Inj. Time	Lab ID / File Name	Bottle Code	ETR	DF	Operator	SS	ISTD	Conc	PA	
0514	RFVCIPS DTB 5/22/09	SSTD	DFTPP	NA	DTB	NA	NA	✓	DTB	
0625	RFV040MQ	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	MS03130901,02,03,MS04270901, MS02190902
0805	B0521N7	SBLKN7	NA	100%	DTB	✓	✓	✓	DTB	
0840	795813R1		131786	100%	DTB	↓	✓	✓	DTB	CY2J8
0918	RFW040MR	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	MS03130901,02,03,MS04270901, MS02190902
0956	B0509L8	SBLKL8	NA	100%	DTB	✓	✓	✓	JE	C
1037	B0514M4	SBLKM4	NA	100%	DTB	✓	✓	✓	JE	C
1112	794703I2	A3	131597	100%	DTB	↓	✓	✓	JE	E2QQ3 Low DMC-recovery Confirms.
1148	B0509L8P	SBLKL8	-PREGPC	100%	DTB	✓	✓	✓	JE	C
1223	794703P	A3	-PREGPC	100%	DTB	↓	✓	✓	JE	E2QQ3 Low DMC-recovery Confirms.
1258	794719P	A2	-PREGPC	100%	DTB	✓	✓	✓	JE	E2QS1
1333	794701D	A3	131597	10%	DTB	↓	↓	↓	JE	R. E2QQ1
1408	794702	A3	131597	100%	DTB	↓	↓	↓	JE	R R E2QQ2 MED LEVEL
1443	794702M	A3	131597	100%	DTB	✓	✓	✓	JE	C E2QQ2MS
1519	794702S	A3	131597	100%	DTB	✓	✓	✓	JE	C. E2QQ2MSD
1554	794718	A3	131597	100%	DTB	✓	✓	✓	JE	C E2QS0
1629	794720D	A3	131597	5%	DTB	↓	✓	✓	JE	C. E2QS2
1704	794704I2	A1	131597	100%	DTB	✓	✓	✓	JE	C E2QQ4
1739	794707I2	A1	131597	100%	DTB	✓	✓	✓	JE	C E2QQ7
1815	794708I2	A2	131597	100%	DTB	✓	✓	✓	JE	C E2QQ8
1850	794713I2	A3	131597	100%	DTB	✓	✓	✓	JE	C E2QR5
1925	794715I2	A2	131597	100%	DTB	✓	✓	✓	JE	C E2QR7
	794719I2	A2	131597	100%	DTB				MTW	E2QS1 NOT A'D MTW 05/22/09
	794717D	A1	131597	30%	DTB				DTB	NOT A'd - DTB 5/22/09
2000	RFV040MS	SSTD020	NA	NA	DTB	NA	NA	✓	JE	Fails Criteria
2031	RFV040MT	SSTD020	NA	NA	DTB	NA	NA	✓	JE	Fails Criteria

JM 05/23/09

PA=Primary Analyst • ISTD=Internal Standard • Conc=Value within Cal Range • SS=Surrogate • C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

BR-FSM008:05.24.07:5
TestAmerica

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

Sequence	Instrument Information	Standard Traceability	Instrument Performance Checks
Batch ID: RFVMU	Instrument: HP5971	DFTPP Lot #: MS033000901	☑ Tune Standard
Test Method: SOM01.2	Instrument ID: R	ISTD Lot #: MS05200901	☑ RF Summary
Start Date: 05/24/09 Time: 1742	Injection Volume: 2uL	ICAL / CCV / ICV Lot # (s): See Comment Section	☐ Internal Standard Response
End Date: 05/25/09 Time: 0542	Column Type: 5% diphenyl - 95% Dimethyl polysiloxane		☑ RT & Ratios Updated
ICAL Date: 05/20/09			

Sequence Information						Individual Sample Review				Comments / Standard Traceability
Inj. Time	Lab ID / File Name	Bottle Code	ETR	DF	Operator	SS	ISTD	Conc	PA	
1725	RFVC2PS	DFTPP	NA	NA	MTW	NA	NA	✓	MTW	
1742	RFVC5PS	DFTPP	NA	NA	MTW	NA	NA	✓	MTW	
1807	RFV040MU	SSTD020	NA	NA	MTW	NA	NA	✓	MTW	MS031300901,02,03, MS042700901, MS021900902
1842	B050918	SBLK18	NA	100%	MTW	✓	✓	✓	JE	C
1918	794704	A1	131597	100%	MTW	✓	✓	✓	JE	C EZQQ4
1953	794705	A2	131597	100%	MTW	✓	✓	✓	JE	C EZQQ5
2028	794707	A1	131597	100%	MTW	✓	✓	✓	JE	C EZQQ7
2103	794708	A2	131597	100%	MTW	✓	✓	✓	JE	C EZQQ8
2139	794710	A1	131597	100%	MTW	✓	✓	✓	JE	R EZQR2
2214	794713	A3	131597	100%	MTW	✓	✓	✓	JE	C EZQR4
2248	794715	A2	131597	100%	MTW	✓	✓	✓	JE	C EZQR7
2323	RFV040MV	SSTD020	NA	NA	MTW	NA	NA	✓	JE	C fail. Standards — as above.
2358	RFV040MW	SSTD020	NA	NA	MTW	NA	NA	✓	JE	C Pass — do —
00.33	RFV040MX	SSTD020	NA	NA	MTW	NA	NA	✓	JE	C Pass. — do —

05/25/09

PA=Primary Analyst • ISTD=Internal Standard • Conc=Value within Cal Range • SS=Surrogate • C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

SEMIVOLATILE GC/MS INSTRUMENT RUN LOG

ence	Instrument Information	Standard Traceability	Instrument Performance Checks
ID: REVMY	Instrument: HP5971	DFTPP Lot #: MS03300901	☑ Tune Standard
Method: SOM01.2	Instrument ID: R	ISTD Lot #: MS05200901	☑ RF Summary
Date: 05/26/09 Time: 0611	Injection Volume: 2uL	ICAL / CCV / ICV Lot # (s): *See Comment Section*	☐ Internal Standard Response
Date: 05/26/09 Time: 1811	Column Type: 5% diphenyl - 95% Dimethyl polysiloxane		☑ RT & Ratios Updated
Date: 05/29/09			

Sequence Information						Individual Sample Review				Comments / Standard Traceability
ime	Lab ID / File Name	Bottle Code	ETR	DF	Operator	SS	ISTD	Conc	PA	
11	REVC4PS	DFTPP	NA	NA	DTB	NA	NA	✓	DTB	DTB 5/26/09
7	REV040MY	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	MS03130901,02,03,MS04270901,MS02190902
7	B052201	SBLK01	NA	100%	DTB	✓	✓	✓	DTB	
2	794703R1	A2	131597	100%	DTB	✓	✓	✓	DTB	E2QQ3
0	794701D2	A3	131597	10%	DTB	✓	↓	✓	DTB	E2QQ1
44	794701M	A3	131597	10%	DTB	✓	↓	✓	DTB	E2QQ1MS
9	794701S	A3	131597	10%	DTB	✓	✓	✓	DTB	E2QQ1MSD
5	794717D	A1	131597	30%	DTB	✓	↓	✓	DTB	E2QR9
30	794702I2	A2	131597	100%	DTB	✓	↓	✓	DTB	E2QQ2
5	794706D2	A1	131597	25%	DTB	✓	✓	✓	DTB	E2QQ6
39	794709I2	A2	131597	100%	DTB	✓	↓	✓	DTB	E2QR1
14	794711D2	A2	131597	25%	DTB	✓	↓	✓	DTB	E2QR3
50	794712D2	A2	131597	15%	DTB	✓	↓	✓	DTB	E2QR4
35	794714D2	A3	131597	20%	DTB	✓	↓	✓	DTB	E2QR6
00	794716D2	A1	131597	50%	DTB	✓	✓	✓	DTB	E2QR8
35	794717D2	A1	131597	30%	DTB	✓	↓	✓	DTB	E2QR9
0	REV040MZ	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	MS03130901,02,03,MS04270901,MS02190902
45	REV040NA	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	↓ ↓ ↓ ↓ ↓
21	REV040NB	SSTD020	NA	NA	DTB	NA	NA	✓	DTB	↓ ↓ ↓ ↓ ↓

DTB 05/27/09

PA=Primary Analyst • ISTD=Internal Standard • Conc=Value within Cal Range • SS=Surrogate • C=Complete • R=Reanalyze • ↑ = High • ↓= Low • ✓=Reviewed and Acceptable

BR-FSM008:05.24.07:5
TestAmerica

Sample Extraction Log — **Extraction Method: SOM01.1/01.2 PEST: EXS** — Criteria: ESEPA

ETR/SDG: 131597-E2QQ1
Extraction Date: 5-9-09
Start Time: 09:06
Stop Time: 0945
Cleanup Method(s): 3640A,3620B,3660B

Analyst(s): [illegible]
Spike Analyst: [illegible]
Spike Witness: [illegible]
SOM01 Surrogate Lot# OP0429090l
SOM01 MTX Lot # OP0223090 2

SOM01 LCS Lot# OP0924090 4
Acetone Lot # OP0600 [illegible]
Methylene Chloride Lot # OP0600 [illegible]
Florisil Cartridge Lot # [illegible]
Activated Cu Lot # OP0602716 DI 5/21/09

Sample Information							Extraction Procedure											Extract Cleanup Procedure							
LAB ID (761/57 (24))	Client ID (X=Sample was processed thru Florisil clean 5/22/09 @ 1115. SilCr Clean 5/22/09 @ 1215 by CC)	Bottle Code (archives)	Gram Sample (30.00 g)/GPC	pH (1:1 ratio sample/R.O.) stir for 1 hour	Add 60 grams sodium sulfate and mix.	Surr: 3.0 mL SOM01 Surr (0.2/0.40 ppm TCX/DCB) to all samples	MTX: 1.0 mL SOM01 MTX (0.5/1.0 ppm) to MS/MD only	LCS: 1.0mL SOM01 LCS Spike (0.05/0.10ppm) to the LCS only.	Add 100mls of Acetone/CH2CL2	Sonicate 3 minutes	Decant extract through Na2SO4 funnel into a K-D set-up	Add 100 mL 1:1 Acetone:CH2CL2 and sonicate	Decant and repeat 1 more time; Record Date 5-9-09 and Time 0945 extraction completed.	Conc. extract to ~1mL	Filter through 0.45 um filter with CH2CL2	Adjust volume to 10.0 mL w/ CH2CL2	Transfer extract into a 16 mL vial. Archive 2.0mL. Determine % dissolved solids (100uL)	8 mL through GPC (GPC-3 479-1 05/12)	Hexane exchange and conc to 5 mL	Pull 1.0mL and perform the Florisil Clean-up. Archive remaining 4mL. Record Date 5/22 Time 0900	Perform Sulfur clean-up. Record Date 5/21/09 Time 1430	Conc to 1.0mL. Place in a labeled 2ml clear vial.	Give extract w/paperwork to GC.	Comments
PBLK: 07	—	—	30.21	6.73		✓	XXX	XXX																	
PLCS:	—	—	30.48	6.03		✓	XXX	✓																	
294701 X MS	E2QQ1MS	A2	29.57	6.84		✓	✓	XXX																	
294701 X MD	E2QQ1MSD	A2	29.60	6.88		✓	✓	XXX																	
294701 X	E2QQ1	A2	29.66	6.64		✓	X	X																	
294702 XX	E2QQ2	A2	29.64	6.89		✓	X	X																	
294703	E2QQ3	A3	30.46	7.20		✓	X	X																	
294704	E2QQ4	A1	29.76	7.68		✓	X	X																	
294705	E2QQ5	A2	29.69	7.11		✓	X	X																	
294706	E2QQ6	A1	30.48	7.25		✓	X	X																	
294707	E2QQ7	A1	29.92	6.90		✓	X	X																	
294708	E2QQ8	A2	30.50	6.96		✓	X	X																	
294709	E2QR1	A2	29.67	7.42		✓	X	X																	
294710	E2QR2	A1	29.72	7.31		✓	X	X																	
294711 X	E2QR3	A2	29.61	7.37		✓	X	X																	
294712 X	E2QR4	A2	29.83	7.26		✓	X	X																	
294713	E2QR5	A3	30.04	7.69		✓	X	X																	
294714 X	E2QR6	A3	29.67	7.30		✓	X	X																	
294715	E2QR7	A2	30.45	9.14		✓	X	X																	
294716	E2QR8	A1	29.69	9.88		✓	X	X																	
294717 X	E2QR9	A1	29.69	7.85		✓	X	X																	
294718 XX	E2QS0	A3	30.30	7.44		✓	X	X																	
294719	E2QS1	A2	29.75	8.25		✓	X	X																	
294720 X	E2QS2	A3	30.06	8.18		✓	X	X																	

REVIEWED BY [illegible] DATE 5/19/09

5 samples re-florisil'd 5/21/09 @ 1600 mc 5/21/09

recopper cleaned DI 5/21/09 2315 @ 2315 5/21/09

All samples marked w/ a X or XX were pulled from archive and the aliquot was processed on GPC-L 475-05/19 475-05/20 DI 5/21/09

*WOULD NOT BOIL DOWN PAST 5-6 MLS ~~XX~~ A 1ml aliquot of the pre-GPC volume was brought to 10ml for GPC processing & completed as below DI 5/13/09

X Due to dissolved solids content, 2.0ml of pre-GPC sample was diluted to 10ml for GPC processing and will be brought to a FV of 1.0ml per client request DI 5/13/09

Organic Preparation Dissolved Solids Calculations

Date: 05/11/09 **Analyst:** JFF

Time: 1735 **ETR(s):** 131597

Client: USEPA

Sample ID	Dish (g)	Dish and Residue (g)	Extract Final Volume (mLs)	Aliquot Used in Determination (uLs)	Dissolved Solids (g/10mLs)	Extract needs to be Split
PBLKO7	1.0191	1.0191	10	100	0.000	
794701	0.9747	0.9840	10	100	0.930	* 2.0ml
794701MD	1.0074	1.0168	10	100	0.940	* 2.0ml
794701MS	0.9993	1.0164	10	100	1.710	* 2.0ml
794702	1.0032	1.0353	10	100	3.210	* 1.0ml
794703	0.9937	0.9941	10	100	0.040	
794704	1.0056	1.0058	10	100	0.020	
794705	0.9746	0.9753	10	100	0.070	
794706	0.9887	0.9908	10	100	0.210	
794707	0.9946	0.9949	10	100	0.030	
794708	0.9952	0.9954	10	100	0.020	
794709	1.0042	1.0049	10	100	0.070	
794710	1.0248	1.0256	10	100	0.080	
794711	1.0008	1.0058	10	100	0.500	* ~~2X~~ 2.0m
794712	0.9877	0.9914	10	100	0.370	2.0ml
794713	1.0122	1.0123	10	100	0.010	
794714	0.9961	1.0024	10	100	0.630	* ~~2X~~ 2.0m
794715	1.0230	1.0233	10	100	0.030	
794716	1.0295	1.0301	10	100	0.060	
794717	1.0255	1.0307	10	100	0.520	* ~~2X~~ 2.0m
794718	0.9990	1.0289	10	100	2.990	* 1.0ml
795719	1.0258	1.0264	10	100	0.060	
794720	1.0136	1.0254	10	100	1.180	* 2.0ml
			10	100	0.000	
			10	100	0.000	
			10	100	0.000	

Test America
GPC Processing

Sequence Log Report

Print Date: 5/14/2009
Print Time 9:44:27PM

Sequence: **GPCJ_USEPAPBLKO7**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	PBLKO7	131597/E2QQ1	Pest(3)	5000	479-0512	Sample processed normally	
2	PLCSO7	Lab Control Sample	Pest(3)	5000	479-0512	Sample processed normally	5/13
3	794701MS A2	E2QQ1MS	Pest(3)	5000	479-0512	Sample processed normally	
4	794701MD A2	E2QQ1MSD	Pest(3)	5000	479-0512	Sample processed normally	5/14
5	794701 A2	E2QQ1	Pest(3)	5000	479-0512	Sample processed normally	
6	794702 A2	E2QQ2	Pest(3)	5000	479-0512	Sample processed normally	
7	794703 A3	E2QQ3	Pest(3)	5000	479-0512	Sample processed normally	
8	794704 A1	E2QQ4	Pest(3)	5000	479-0512	Sample processed normally	
9	794705 A2	E2QQ5	Pest(3)	5000	479-0512	Sample processed normally	
10	794706 A1	E2QQ6	Pest(3)	5000	479-0512	Sample processed normally	
11	794707 A1	E2QQ7	Pest(3)	5000	479-0512	Sample processed normally	
12	794708 A2	E2QQ8	Pest(3)	5000	479-0512	Sample processed normally	
13	794709 A2	E2QR1	Pest(3)	5000	479-0512	Sample processed normally	
14	794710 A1	E2QR2	Pest(3)	5000	479-0512	Sample processed normally	
15	794711 A2	E2QR3	Pest(3)	5000	479-0512	Sample processed normally	
16	794712 A2	E2QR4	Pest(3)	5000	479-0512	Sample processed normally	
17	794713 A3	E2QR5	Pest(3)	5000	479-0512	Sample processed normally	
18	794714 A3	E2QR6	Pest(3)	5000	479-0512	Sample processed normally	
19	794715 A2	E2QR7	Pest(3)	5000	479-0512	Sample processed normally	
20	794716 A1	E2QR8	Pest(3)	5000	479-0512	Sample processed normally	

Operator Name:
Notes:

Start: 19:36:21, 05/13/09
End: 21:17:22, 05/14/09

Outcome: Sequence executed normally

Page 1 of 2

AccuChrome (tm) by J2

21	794717 A1	E2QR9	Pest(3)	5000	479-0512	Sample processed normally
22	794718 A3	E2QS0	Pest(3)	5000	479-0512	Sample processed normally
23	794719 A2	E2QS1	Pest(3)	5000	479-0512	Sample processed normally
24	794720 A3	E2QS2	Pest(3)	5000	479-0512	Sample processed normally

perator Name:

otes:

age 2 of 2

Start: 19:36:21, 05/13/09

End: 21:17:22, 05/14/09

Outcome: Sequence executed normally

AccuChrome (tm) by J2

Test America
GPC Processing

Sequence Log Report

Print Date: 5/22/2009
Print Time 7:30:37AM

Sequence: **GPCL_USEPAPBLKO7ARCH**

Pos.#	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	794701MS A2	E2QQ1MS	Pest(3)	5000	475-0519	Sample processed normally	
2	794701MD A2	E2QQ1MSD	Pest(3)	5000	475-0519	Sample processed normally	5:21
3	794701 A2	E2QQ1	Pest(3)	5000	475-0519	Sample processed normally	
4	794702 A2	E2QQ2	Pest(3)	5000	475-0519	Sample processed normally	
5	794711 A2	E2QR3	Pest(3)	5000	475-0519	Sample processed normally	5:22
6	794712 A2	E2QR4	Pest(3)	5000	475-0519	Sample processed normally	
7	794714 A3	E2QR6	Pest(3)	5000	475-0519	Sample processed normally	
8	794717 A1	E2QR9	Pest(3)	5000	475-0519	Sample processed normally	
9	794718 A3	E2QS0	Pest(3)	5000	475-0519	Sample processed normally	
10	794720 A3	E2QS2	Pest(3)	5000	475-0519	Sample processed normally	

Operator Name:

Notes:

Page 1 of 1

Start: 19:49:54, 05/21/09

End: 06:31:43, 05/22/09

Outcome: Sequence executed normally

AccuChrome (tm) by J2

GC INSTRUMENT RUN LOG

Date: 5/22/09	Target Directory: 05220904	Instrument ID:	HP0825	CH: 9 & 10	Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type:	RTXCLP	124,002	Page (1) of (2)
Project(s): 050109	ICAL Date: 5/22/09	Column Type:	RTXCLPII	96,080	UMT 5/26/09
		Injection Volume	2 uL		

Inj.#	Lab ID	Analysis Filename/ Batch	Dilution Factor	SDG	Matrix	Prep Batch	QC check	Int. By	Comments
1	PIBLK 01	22MAY09155 1	NA	NA	NA	NA	—	—	GC12230802
2	PIBLK 02		NA	NA	NA	NA	—	—	GC12230802
3	PIBLK03		NA	NA	NA	NA	✓	JB	GC12230802
4	RESC 01		NA	NA	NA	NA			GC02160929
5	PEM 01		NA	NA	NA	NA			GC12300801 OK/OK
6	TOXAPH1 01		NA	NA	NA	NA			GC02160910
7	TOXAPH2 01		NA	NA	NA	NA			GC02160909
8	TOXAPH3 01		NA	NA	NA	NA			GC02160908
9	TOXAPH4 01		NA	NA	NA	NA			GC02160907
10	TOXAPH5 01		NA	NA	NA	NA			GC02160906
11	INDC1 01		NA	NA	NA	NA			GC02160905
12	INDC2 01		NA	NA	NA	NA			GC02160904
13	INDC3 01		NA	NA	NA	NA			GC02160903
14	INDC4 01		NA	NA	NA	NA			GC02160902
15	INDC5 01		NA	NA	NA	NA			GC02160901 OK/OK
16	PIBLK 04		NA	NA	NA	NA			GC12230802
17	PEM 02		NA	NA	NA	NA			GC12300801 OK/OK

JB 5/22/09

JB 5/22/09

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC001:5.28.08:4
TestAmerica

GC INSTRUMENT RUN LOG

Date: 5/22/09	Target Directory: 052209_4	Instrument ID: HP0825 CH: 9 & 10	Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type: RTXCLP	Page (2) of (2)
Project(s): 050109	ICAL Date: 5/22/09	Column Type: RTXCLPII	LMT
		Injection Volume 2 uL	5/26/09

	Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability
	1	PBLK07	-	22MA4091621	E2QQ1	SP	1:1	✓	JB	-
	2	PLCS07	-				1:1	✓		Spike
E2QQ1	3	794701	A2				1:2			g,BHC, hept, ald, gc, ac, EI, DDE, diel, EA, ES, DDD, DDT, meth, EK
E2QQ2	4	794702	A2				1:2			g,g,BHC, hept, ald, HE, gc, ac, DDE, EI, diel, end, DDD, EI, DDT, EA, meth, ES, EK
E2QR2	5	794710	A1				1:3			b,d-BHC, ald, HE, EI, DDT
E2QR3	6	794711	A2				1:10			b,d-BHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT
E2QR4	7	794712	A2				1:5			g,dBHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT, EK
E2QR6	8	794714	A3				1:5			g,b,d-BHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT
E2QR9	9	794717	A1				1:3			g,b,d-BHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT, EA, EK
E2QS2	10	794720	A3				1:10			g,d-BHC, hept, ald, HE, gc, ac, DDE, diel, DDD, DDT, EA, ES, EK
	11	PIBLK05	-				-	✓	✓	EK-2° GC12230802
	12	INDC302	-				-	✓	JB	OK/OK GC02160903
	13	794701	A2				1:1	X		
	14	PIBLK06	-							
	15	794702MS	A2							spike
	16	PIBLK07	-							Re-Run → failing closing CCV
	17	794702MD	A2							spike
	18	PIBLK08	-							
	19	794702	A2							
	20	PIBLK09	-							
	21	794703	A3							
	22	PIBLKP1	-							
	23	794704	A1							
	24	PIBLKP2	-							
	25	794705	A2							
	26	PIBLKP3	-							
	27	794706	A1							

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; --- = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC001:5.28.08:4
TestAmerica

GC INSTRUMENT RUN LOG

Date: 5/24/09	Target Directory: 052409.4	Instrument ID: HP0825 CH: 9 & 10	Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type: RTXCLP 120,000	Page (1) of (3)
Project(s): 050105	ICAL Date: 5/24/09	Column Type: RTXCLPII 94,000	LMF 5/26/09
		Injection Volume 2 uL	

inj.#	Lab ID	Analysis Filename/ Batch	Dilution Factor	SDG	Matrix	Prep Batch	QC check	Int. By	Comments
1	PIBLK K1	24MAY09248	NA	NA	NA	NA	—	—	GC12230802
2	PIBLK K2		NA	NA	NA	NA	—	—	GC12230802
3	PIBLK K3		NA	NA	NA	NA	✓	JB	GC12230802
4	RESC K1		NA	NA	NA	NA			GC02160929
5	PEM K1		NA	NA	NA	NA			GC12300801 OK/OK
6	TOXAPH1 K1		NA	NA	NA	NA			GC02160910
7	TOXAPH2 K1		NA	NA	NA	NA			GC02160909
8	TOXAPH3 K1		NA	NA	NA	NA			GC02160908
9	TOXAPH4 K1		NA	NA	NA	NA			GC02160907
10	TOXAPH5 K1		NA	NA	NA	NA			GC02160906
11	INDC1 K1		NA	NA	NA	NA			GC02160905
12	INDC2 K1		NA	NA	NA	NA			GC02160904
13	INDC3 K1		NA	NA	NA	NA			GC02160903
14	INDC4 K1		NA	NA	NA	NA			GC02160902
15	INDC5 K1		NA	NA	NA	NA			GC02160901
16	PIBLK K4		NA	NA	NA	NA			GC12230802 OK/OK
17	PEM K2		NA	NA	NA	NA			GC12300801 OK/OK

JB 5/24/09

JB 5/24/09

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC001:5.28.08:4
TestAmerica

GC INSTRUMENT RUN LOG

Date: 5/24/09	Target Directory: 052409_4	Instrument ID:	HP0825	CH: 9 & 10	Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type:	RTXCLP		Page (2) of (3)
Project(s): 050109	ICAL Date: 5/24/09	Column Type:	RTXCLPII		LMF 5/26/09
		Injection Volume	2 uL		

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability	
1	794703	A3	2HMAV091257	E2QQ1	SD	1:1	✓	JB	HE, DDD, DDE, DDT, gc	E2QQ3
2	PIBLLK5	—				—				
3	794704	A1				1:1			HE, DDD, DDE, DDT	E2994
4	PIBLLK6	—				—				
5	794705	A2				1:1			gc —	E2995
6	PIBLLK7	—				—				
7	794707	A1				1:1			—	E2997
8	PIBLLK8	—				—				
9	794708	A2				1:1			—	E2998
10	PIBLLK9	—				—				
11	794713	A3				1:1			—	E2985
12	PIBLLL1	—				—				
13	794715	A2				1:1			DDT —	E2987
14	PIBLLL2	—				—				
15	794719	A2				1:1			gc	E2951
16	PIBLLL3	—				—				
17	PIBLLL4					—				
18	PIBLLL5					—				GC1L230802
19	INBC3K2					—	✓	JB	OK/OK	GC0216090J
20	794701MS	A2				1:5			spike + gc, DDE, EE, DDD, EA, ES, EK	E2991MS
21	PIBLLL6	—				—				
22	794701MD	A2				1:5			spike + gc, DDE, DDD, DDT, ES	E2991MSD
23	PIBLLL7	—				—				
24	794706	A1				1:1			gc, ac, EA, EK, ES	E2986
25	PIBLLL8	—				—				
26	794706RE	A1				1:32*			—	E2996
27	PIBLLL9	—				—				

* JB 5/24/09

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC001:5.28.08:4
TestAmerica

GC INSTRUMENT RUN LOG

Date: 5/24/09	Target Directory 052409.4	Instrument ID: HP0825	CH: 9 & 10		Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type: RTXCLP			Page (3) of (3)
Project(s): 050109	ICAL Date: 5/24/09	Column Type: RTXCLPII			LMT 5/26/09
		Injection Volume 2 uL			

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability	*
25	794716709	A2	24MAY091257	E2QQ1	SD	1:3 1:2	✓	JB	b,d: BHC, HE, gc, DDE, EI, PBT	~~E2QQ~~ E2QR1
29	PIBLKM1	—				—			EK-1°	
30	794718716	A1				1:103			aBHC, gc, ac, DDT, EA, EK	E2QR8
31	PIBLKM2	—				—				
32	~~PIBLKM3~~ 794718	A3				1:10			DDD, DDE	E2QS0
33	PIBLKM4 M3	—				—				
34	~~PEMK3~~ PIBLKM4					—				
35	PIBLKM5					—				GC12230802
36	PEMK3					—	✓	JB	OK/OK	GC12300801
1	PIBLKM6		25MAY090953							
2	PIBLKM7		1241*							
3	PEMK4						✓	JB	OK/OK	
4	~~794835~~ PBLK08									
5	PIBLKM8									
6	~~794836~~ PLCS08									
7	PIBLKM9									
8	794839									
9	PIBLKN1									
10	794841									
11	PIBLKN2									
12	794841MS									
13	PIBLKN3									
14	794841MD									
15	PIBLKN4									
16	~~PIBLKN5~~ 794835									
17	~~PEMK3~~ PIBLKN5									
18	~~794833~~ 794836					1:2				

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PPCB Surrogate	**Standard Final Conc.:**	0.2-0.4 ug/ml
Standard Lot #:	OP-042909-01	**Expiration Date:**	10/29/2009
Prepared By:	CGC	**Date Prepared:**	4/29/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
4,5,6-Tetrachloro-m-xylene N	OP-05-106-17	Restek	A056991	200 ug/mL	10/29/2009	1.0 mL
Decachlorobiphenyl Mix	OP-06-024-17	Restek	A055393	200 ug/mL	10/29/2009	1.0 mL
Decachlorobiphenyl Mix	OP-06-024-16	Restek	A055393	200 ug/mL	10/29/2009	1.0 mL

Dilutant Used: Acetone **Dilutant Lot #:** H10E11 **Final Vol.:** 1000 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/26/2009 7:57 AM

TestAmerica Burlington Standard Solution Preparation			
Standard Name:	SOM Pesticide MTX Spike	**Standard Final Conc.:**	0.5-1 ug/ml
Standard Lot #:	OP-022309-02	**Expiration Date:**	8/23/2009
Prepared By:	DJI	**Date Prepared:**	2/23/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
Pest Matrix Spike Mix	OP-06-020-07	Restek	A064139	25-50 ug/ml	8/23/2009	1.0 mL

Dilutant Used: Methanol **Dilutant Lot #:** G44E21 **Final Vol.:** 50 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/26/2009 8:00 AM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM Pest LCS Spike	**Standard Final Conc.:**	0.05-0.1 ug/ml
Standard Lot #:	OP-042409-04	**Expiration Date:**	5/24/2009
Prepared By:	DJI	**Date Prepared:**	4/24/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
C Pesticide Lab Control Sam	OP-06-019-20	Restek	A062940	10-20 ug/mL	10/24/2009	0.5 mL

Dilutant Used: LC-01-008-02 **Dilutant Lot #:** H06E30 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/26/2009 7:57 AM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PIBLK	**Standard Final Conc.:**	20-40 ug/L
Standard Lot #:	GC-122308-02	**Expiration Date:**	6/23/2009
Prepared By:	ALW	**Date Prepared:**	12/23/2008

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM TCX/DCB	GC-122308-01	BVT	GC-122308-01	5-10 ug/mL	6/23/2009	1 mL

Dilutant Used: Hexane **Dilutant Lot #:** G38E55 **Final Vol.:** 250 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM Resolution Check	**Standard Final Conc.:**	10-100 ug/L
Standard Lot #:	GC-021609-29	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM PESTICIDE L5	GC-021609-01	BVT	GC-021609-01	80-800 ug/L	7/30/2009	5 mL

Dilutant Used: HEXANE **Dilutant Lot #:** OP-05-103-13 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	PEM	**Standard Final Conc.:**	10-250 ug/L
Standard Lot #:	GC-123008-01	**Expiration Date:**	6/30/2009
Prepared By:	ALW	**Date Prepared:**	12/30/2008

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
Pest Perform Eval Mix	GC-03-025-17	Ultra	CD-0587	10-250 ug/mL	6/30/2009	100 uL

Dilutant Used: Hexane **Dilutant Lot #:** G38E55 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM TOXAPHENE L5	**Standard Final Conc.:**	80-8000 ug/L
Standard Lot #:	GC-021609-06	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM TCX/DCB	GC-013009-01	BVT	GC-013009-01	5-10 ug/mL	7/30/2009	1.6 mL
Toxaphene	GC-03-030-01	Restek	A056478	1000 ug/mL	8/16/2009	0.8 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM TOXAPHENE L4	**Standard Final Conc.:**	40-4000 ug/L
Standard Lot #:	GC-021609-07	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM TOXAPHENE L5	GC-021609-06	BVT	GC-021609-06	80-8000 ug/L	7/30/2009	20 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM TOXAPHENE L3	**Standard Final Conc.:**	20-2000 ug/L
Standard Lot #:	GC-021609-08	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM TOXAPHENE L5	GC-021609-06	BVT	GC-021609-06	80-8000 ug/L	7/30/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM TOXAPHENE L2	**Standard Final Conc.:**	10-1000 ug/L
Standard Lot #:	GC-021609-09	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM TOXAPHENE L5	GC-021609-06	BVT	GC-021609-06	80-8000 ug/L	7/30/2009	5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM TOXAPHENE L1	**Standard Final Conc.:**	5-500 ug/L
Standard Lot #:	GC-021609-10	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM TOXAPHENE L5	GC-021609-06	BVT	GC-021609-06	80-8000 ug/L	7/30/2009	2.5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PESTICIDE L5	**Standard Final Conc.:**	80-800 ug/L
Standard Lot #:	GC-021609-01	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
Pesticide Mix AB #2	GC-03-024-09	Restek	A056504	8-80 ug/ml	8/13/2009	1.0 mL
SOM TCX/DCB	GC-013009-01	BVT	GC-013009-01	5-10 ug/ml	7/30/2009	1.6 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PESTICIDE L4	**Standard Final Conc.:**	40-400 ug/L
Standard Lot #:	GC-021609-02	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM PESTICIDE L5	GC-021609-01	BVT	GC-021609-01	80-800 ug/L	7/30/2009	20 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PESTICIDE L3	**Standard Final Conc.:**	20-200 ug/L
Standard Lot #:	GC-021609-03	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM PESTICIDE L5	GC-021609-01	BVT	GC-021609-01	80-800 ug/L	7/30/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PESTICIDE L2	**Standard Final Conc.:**	10-100 ug/L
Standard Lot #:	GC-021609-04	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM PESTICIDE L5	GC-021609-01	BVT	GC-021609-01	80-800 ug/L	7/30/2009	5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PESTICIDE L1	**Standard Final Conc.:**	5-50 ug/L
Standard Lot #:	GC-021609-05	**Expiration Date:**	7/30/2009
Prepared By:	JB3	**Date Prepared:**	2/16/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM PESTICIDE L5	GC-021609-01	BVT	GC-021609-01	80-800 ug/L	7/30/2009	2.5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/25/2009 2:08 PM

GC INSTRUMENT RUN LOG

Date: 5/22/09	Target Directory: 052209_4	Instrument ID: HP0825 CH: 9 & 10	Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type: RTXCLP	Page { } of { }
Project(s): 050109	ICAL Date: 5/22/09	Column Type: RTXCLPII	
		Injection Volume 2 uL	

	Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability
	1	PBLK07	–	22MAY09621	E2QQ1	SP	1:1	✓	JB	–
	2	PLCS07	–				1:1	✓		spike
2QQ1	3	794701	A2				1:2			gBHC, hept, ald, gc, ac, EI, DDE, diel, EA, ES, DDD, DDT, meth, EK
2QQ2	4	794702	A2				1:2			a, gBHC, hept, ald, HE, gc, ac, DDE, EI, diel, end, DDD, EII, DDT, EA, meth, ES, EK
2QR2	5	794710	A1				1:3			b,d-BHC, ald, HE, EI, DDT
E2QC3	6	794711	A2				1:10			b,d-BHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT
2QR4	7	794712	A2				1:5			g,dBHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT, EK
2QR6	8	794714	A3				1:5			g,b,d-BHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT
E2QR1	9	794717	A1				1:3			g,b,d-BHC, hept, ald, HE, gc, ac, DDE, EI, diel, DDD, DDT, EA, EK
E2QS2	10	794720	A3				1:10			g,d-BHC, hept, ald, HE, gc, ac, DDE, diel, DDD, DDT, EA, ES, EK
	11	PIBLK05	–				–	✓	↓	EK-2 G-C122308 02
	12	INDC302	–				–	✓	JB	OK/OK G-C021609 03
	13	794701	A2				1:1	X		
	14	PIBLK06	–							
	15	794702MS	A2							spike
	16	PIBLK07	–							Re-Run → failing closing CCV
	17	794702MSD	A2							spike
	18	PIBLK08	–							
	19	794702	A2							
	20	PIBLK09	–							
	21	794703	A3							
	22	PIBLKP1	–							
	23	794704	A1							
	24	PIBLKP2	–							
	25	794705	A2							
	26	PIBLKP3	–							
	27	794706	A1							

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

GC INSTRUMENT RUN LOG

Date: 5/22/09	Target Directory: 052209-4	Instrument ID: HP0825 CH: 9 & 10	Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type: RTXCLP	Page { } of { }
Project(s): 050109	ICAL Date: 5/22/09	Column Type: RTXCLPII	
		Injection Volume 2 uL	

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability
28	PIBLK74	–	22MAY09162	E2QQ1	SD	1.1	RE	JB	
29	794707	A1							failing CCV = Re-Run
30	PIBLK75	–							
31	794708	A2							
32	PIBLK76	–							
33	794709	A2							
34	PIBLK77	–							
35	794710	A1							
36	PIBLK78	–							
37	794711	A2							
38	PIBLK79	–							
39	794712	A2							
40	PIBLK81	–							
41	794713	A3							
42	PIBLK82	–							
43	794714	A3							
44	PIBLK83	–							
45	794715	A2							
46	PIBLK84	–							
47	794716	A1							
48	PIBLK85	–							
49	794717	A1							
50	PIBLK86	–							
51	794718	A3							
52	PIBLK87	–							
53	794719	A2							
54	PIBLK88	–							

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC001:5.28.08:4
TestAmerica

GC INSTRUMENT RUN LOG

Date: 5/22/09	Target Directory: 052209_4	Instrument ID: HP0825 CH: 9 & 10	Report Information:
Analyst: JB	Test Method: SOM01.2	Column Type: RTXCLP	Page { } of { }
Project(s): 050109	ICAL Date: 5/22/09	Column Type: RTXCLPII	
		Injection Volume 2 uL	

Inj. #	Lab ID	BC	Filename / Batch	JB ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability
55	794720	A3	22MAY09621	STE2QQ1	SD	1.1	X	JB	
56	PIBLKQ9	—	↓	↓	↓	↓	✓	↓	ac 1°
57	PEM03	—	↓	↓	↓	↓	X	↓	%D ↑ in many cmpds >30%

JB 5/23/09

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC001:5.28.08:4
TestAmerica

7J - FORM VII PEST-1
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-CLP ID: 0.32 (mm) Init. Calib. Date(s): 05/22/2009 05/22/2009

EPA Sample No.(PIBLK##): PIBLKQ9 Date Analyzed: 05/23/2009

Lab Sample ID (PIBLK): PIBLKQ9 Time Analyzed: 1030

EPA Sample No.(PEM##): PEMO3 Date Analyzed: 05/23/2009

Lab Sample ID (PEM): PEMO3 Time Analyzed: 1041

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D	
		FROM	TO				
alpha-BHC	2.84	2.80	2.90	0.006	0.010	-35.9	<-
beta-BHC	3.14	3.10	3.20	0.006	0.010	-36.0	<-
gamma-BHC (Lindane)	3.08	3.04	3.14	0.007	0.010	-33.8	<-
Endrin	4.55	4.49	4.63	0.034	0.050	-32.5	<-
4,4'-DDT	4.76	4.70	4.84	0.064	0.100	-36.1	<-
Methoxychlor	5.05	4.98	5.12	0.198	0.250	-21.0	
TCX	2.41	2.37	2.47	0.015	0.020	-23.5	
DCB	5.95	5.86	6.06	0.016	0.020	-22.5	

4,4'-DDT %Breakdown (1): 0.93 Endrin %Breakdown (1): 1.69

Combined %Breakdown (1): 2.61

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

7J - FORM VII PEST-1
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: EP-W-07-057

Lab Code: STLV Case No.: 38525 Mod. Ref No.: SDG No.: E2QQ1

GC Column: RTX-CLPII ID: 0.32 (mm) Init. Calib. Date(s): 05/22/2009 05/22/2009

EPA Sample No.(PIBLK##): PIBLKQ9 Date Analyzed: 05/23/2009

Lab Sample ID (PIBLK): PIBLKQ9 Time Analyzed: 1030

EPA Sample No.(PEM##): PEMO3 Date Analyzed: 05/23/2009

Lab Sample ID (PEM): PEMO3 Time Analyzed: 1041

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D	
alpha-BHC	3.41	3.36	3.46	0.006	0.010	-36.5	<-
beta-BHC	3.73	3.68	3.78	0.007	0.010	-34.6	<-
gamma-BHC (Lindane)	3.67	3.62	3.72	0.006	0.010	-35.7	<-
Endrin	5.19	5.12	5.26	0.035	0.050	-29.6	<-
4,4'-DDT	5.42	5.36	5.50	0.070	0.100	-30.3	<-
Methoxychlor	5.82	5.75	5.89	0.206	0.250	-17.4	
TCX	2.92	2.87	2.97	0.015	0.020	-27.0	<-
DCB	6.95	6.85	7.05	0.027	0.020	33.2	<-

4,4'-DDT %Breakdown (2): 1.33 Endrin %Breakdown (2): 17.93

Combined %Breakdown (2): 19.26

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

SOM01.2

Sample Extraction Log — **Extraction Method: SOM01AROCLOR: EXS** — **Client(s):** USEPA

ETR/SDG:	131597 / E2QQ1	Analyst(s):	JAF
Extraction Date:	5/8/09	Spike Analyst:	JAF
Start Time:	2000	Spike Witness:	DA
Stop Time:	2055	Surrogate Lot#:	OP 0429 09
Cleanup Method(s):	3665A, 3660B,	LCS Spike Lot #:	OP 1213 0802

MS Spike Lot#: OP 121308-01
Acetone Lot #: OP-06-025-01
Methylene Chloride Lot #: OP-06-026-07
Hexane Lot #: OP-06-025-04
H_2SO_4 Lot #: MI-02-088-13
Activated Copper Lot #: OP-06-025-12

781/54 (24)

Sample Information: LAB ID	Client ID	Bottle Code	Gram Sample (30.00 g). If percent moisture is >65%, additional volume is necessary(up to 50g).	pH (1:1 ratio sample/R.O.) stir for 1 hour	Add 60 grams sodium sulfate and mix.	SURR: 3.0 mL SOM01 Surr (0.2/0.4 ppm TCX/DCB) to all samples	MTX: 1.0 mL AR 1660 (4.0ppm) to MS/MD only	LCS Only: 1.0mL AR 1660 (1.0ppm) to LCS.	Add 100mls of 1:1 Acetone/CH2CL2	Sonicate 3 minutes. Decant extract thru a Na_2SO_4 funnel into a K-D set-up.	Add 100 mL 1:1 Acetone/CH2CL2 and sonicate, decant, repeat. Record Date 5/8 Time 2055 and extraction completed. Rinse sample.	Macro-Boil to <10mls, Hexane Exchange W/60mls Hexane.	Concentrate <10mL, Quantitively transfer to a labeled 16mL vial and adjust to 10.0mL.	Draw 2.0mL of the 10mL and perform a sulfuric acid clean-up W/ 1:1 H2SO4, use 5.0mls. Archive the remaining 8mL extract. Record Date 5/9/09 Time 1330	Concentrate to ~ 2mL and perform sulfur clean-up. Record Date 5/9/09 Time 1600	Conc to 2.0mL and transfer into a 4mL clear vial.	Extract Cleanup Procedure: If GPC is necessary, prior to hexane exchange, concentrate the extract to 1-2ml	Filter through 0.45 um filter with CH_2Cl_2	Adjust volume to 10.0 mL w/ CH2CL2	Transfer extract into a 16 mL vial. Determine % dissolved solids.	Perform GPC	Hexane exchange and conc to 5 mL. Pull 2.0mL and transfer into a 8mL vial. Archive the remaining	Perform Sulfuric Acid and Sulfur Clean-up on 2mL extract	Concentrate to 2.0mL and give the extract w/paperwork to GC.	Comments
ABLK: G3			29.98	6.23	JAF	✓	XXX	XXX	JAF	JAF	JAF	JAF	JAF	JAF	JB	JB	JB							
ALCS:			30.40	6.23		✓	✓	XXX																
794701	E2QQ1	A2	30.23	6.88		✓	✓	XXX																
794701 MS	E2QQ1 MS	↓	30.18	6.88		✓	✓	XXX																
794701 MD	E2QQ1MSD	↓	30.05	6.88		✓	✓	XXX																
794702	E2QQ2	A2	30.27	6.99		✓	✓	XXX																
794703	E2QQ3	A3	30.85	7.20		✓	✓	XXX																
794704	E2QQ4	A1	29.96	7.68		✓	✓	XXX																
794705	E2QQ5	A2	30.01	7.11		✓	✓	XXX																
794706	E2QQ6	A1	30.11	7.25		✓	✓	XXX																
794707	E2QQ7	A1	30.21	6.90		✓	✓	XXX																
794708	E2QQ8	A2	30.36	6.96		✓	✓	XXX																
794709	E2QR1	A2	30.12	7.42		✓	✓	XXX																
794710	E2QR2	A1	29.95	7.31		✓	✓	XXX																
794711	E2QR3	A2	30.25	7.37		✓	✓	XXX																
794712	E2QR4	A2	30.25	7.26		✓	✓	XXX																
794713	E2QR5	A3	30.11	7.84		✓	✓	XXX																
794714	E2QR6	A3	30.29	7.30		✓	✓	XXX																
794715	E2QR7	A2	29.78	8.14		✓	✓	XXX																
794716	E2QR8	A1	30.22	8.88		✓	✓	XXX																
794717	E2QR9	A1	30.00	7.85		✓	✓	XXX																
794718	E2QS0	A3	30.37	7.44		✓	✓	XXX																
794719	E2QS1	A2	30.02	8.25		✓	✓																	
794720	E2QS2	A3	30.30	8.18	↓	✓	✓	✓	↓	↓	↓	↓	↓	↓	↓	↓	↓							
JB 5/9/09																								

REVIEWED BY: [redacted] DATE: [redacted] 5/10/09

*Acid cleaned JAF. JB 5/9/09
x copper cleaned multiple times. JB 05/09/09

TPB 05/11/09

GC INSTRUMENT RUN LOG

Date: 5/15/09	Target Directory: 051509_1	Instrument ID: HP5253	CH: 33 & 34	Report Information:
Analyst: DPD	Test Method: SOM_PCB	Column Type: RTX-5		Page (1) of (4)
Project(s): 050109	ICAL Date: 5/15/09	Column Type: RTX-35		MK 5/21/09
		Injection Volume 2 uL		

Inj#	Lab ID	BC	Filename/batch	Matrix	DF	QC	Analyst	Comments/Standard Traceability
1	AIBLKG1	–	15MAY091509*	–	–	–		GC12230802
2	AIBLKG2	–		–	–	–		GC12230802
3	AIBLKG3	–		–	–	–		GC12230802
4	AR12213G1	–		–	–	✓	JLB	GC02020903
5	AR12323G1	–		–	–	✓		GC02020908
6	AR12421G1	–		–	–	✓		GC01300921
7	AR12422G1	–		–	–	✓		GC01300920
8	AR12423G1	–		–	–	✓		GC01300919
9	AR12424G1	–		–	–	✓		GC01300918
10	AR12425G1	–		–	–	✓		GC01300917
11	AR12481G1	–		–	–	✓		GC01300911
12	AR12482G1	–		–	–	✓		GC01300910
13	AR12483G1	–		–	–	✓		GC01300909
14	AR12484G1	–		–	–	✓		GC01300908
15	AR12485G1	–		–	–	✓		GC01300907
16	AR12541G1	–		–	–	✓		GC01300916
17	AR12542G1	–		–	–	✓		GC01300915
18	AR12543G1	–		–	–	✓		GC01300914
19	AR12544G1	–		–	–	✓		GC01300913
20	AR12545G1	–		–	–	✓		GC01300912
21	AR12623G1	–		–	–	✓		GC02020913
22	AR12683G1	–		–	–	✓		GC02020918
23	AIBLKG4	–		–	–	✓		GC12230802
24	AR16601G1	–		–	–	✓		GC01300906
25	AR16602G1	–		–	–	✓		GC01300905
26	AR16603G1	–		–	–	✓		GC01300904
27	AR16604G1	–		–	–	✓		GC01300903
28	AR16605G1	–		–	–	✓		GC01300902
29	AIBLKG5	–		–	–	✓		GC12230802
30	AR16603G2	–	↓	–	–	✓	↓	GC01300904 (OK) (OK)

DPD 5/15/09

DPD 5/15/09

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC051:05.28.08:1

* Batch Runlog Exported

GC INSTRUMENT RUN LOG

Date: 5/15/09	Target Directory: 051509_1	Instrument ID: HP5253 CH: 33 & 34	Report Information:
Analyst: DPD	Test Method: SOM_PCB	Column Type: RTX-5	Page (2) of (4)
Project(s): 050109	ICAL Date: 5/15/09	Column Type: RTX-35	KM 5/22/09
		Injection Volume 2 uL	

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability	
1	ABLKQ3		15MAY091517 *	E2QQ1	SD	1:1	✓	DPD	N.D.	
2	ALCSQ3								1016, 1260	
3	794703	A3							1248, 1254, 1260	E2QQ3
4	794704	A1							1248, 1254, 1260	E2QQ4
5	794705	A2							1248, 1254, 1260	E2QQ5
6	794706	A1							N.D. DCB↓	E2QQ6
7	794707	A1							1248, 1254, 1260	E2QQ7
8	794708	A2							1254	E2QQ8
9	794709	A2				1:5			1248, 1254, 1260	E2QR1
10	794710	A1				1:5			1248, 1254, 1260	E2QR2
11	794711	A2				1:50			1248, 1254, 1260	E2QR3
12	794712	A2				1:50			1248, 1254, 1260	E2QR4
13	794713	A3				1:1			1248, 1254, 1260	E2QR5
14	794715	A2							1248, 1254, 1260	E2QR7
15	794716	A1							1248, 1254, 1260	E2QR8
16	794719	A2							1248, 1254, 1260	E2QS1
17	AIBLKG6									GC12230802
18	AIBLKG7									
19	AR1660363						✓	JLB	DCB↓ (OK) to close / DCB↓ (OK) to close	GL01300904
20	AR1242362						✓		DCB↓ (OK) to close / DCB↓ (OK) to close	GL01300919
21	AR1248362						✓		DCB↓ (OK) to close / DCB↓ (OK) to close	GL01300909
22	AR1254362						✓		DCB↓ (OK) to close / DCB↓ (OK) to close	GL01300914
23	794701					1:30			Re-analyze	
24	AIBLKG8									
25	794701MS					1:30				
26	AIBLKG9									
27	794701MD					1:30				

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC051:05.28.08:1
TestAmerica

* Batch Runlog Exported

GC INSTRUMENT RUN LOG

Date: 5/15/09	Target Directory: 051509-1	Instrument ID: HP5253	CH: 33 & 34		Report Information:
Analyst: DPD	Test Method: SOM_PCB	Column Type: RTX-5			Page (3) of (4)
Project(s): 050109	ICAL Date: 5/15/09	Column Type: RTX-35			KK 5/21/09
		Injection Volume 2 uL			

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability	
28	AIBLKH1		15MAY091517 *						Re-analyze	
29	794702					1:30				
30	AIBLKH2									
31	794714					1:50				
32	AIBLKH3									
33	794717					1:30				
34	AIBLKH4									
35	794718					1:10				
36	AIBLKH5									
37	794720					1:500				
38	AIBLKH6									GC12230802
39	AIBLKH7									↓
40	AR16603G4						✓	JLB	DCB↓, peak↓1260 / ↓1260, DCB	GC01300904
41	AR12423G3						✓		DCB↓ / DCB↓	GC01300919
42	AR12483G3						✓		DCB↓ / DCB↓	GC01300909
43	AR12543G3						✓	✓	DCB↓ / 1254↓DCB↓	GC01300914
1	AIBLKH8	–	18MAY090735*	–	–	–	✓	DPD		GC12230802
2	AIBLKH9	–		–	–	–	↓	↓		↓
3	AR16603G5	–		–	–	–	✓	JLB	OK / OK	GC01300904
4	AR12423G4	–		–	–	–	✓		OK / OK	GC01300919
5	AR12483G4	–		–	–	–	✓		OK / OK	GC01300909
6	AR12543G4	–		–	–	–	✓	✓	OK / OK	GC01300914
1	794701	AZ	18MAY091007*	E2QQ1	SD	1:30	✓	DPD	1248, 1254, 1260	E2QQ1
2	AIBLKI1	–			–	–				GC12230802
3	794701MS	AZ			SD	1:30			1248, 1254, 1260	E2QQ1MS
4	AIBLKI2	–			–	–				GC12230802
5	794701MD	AZ			SD	1:30			1248, 1254, 1260	E2QQ1MSD

051509-1

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC051:05.28.08:1
TestAmerica

* Batch Runlog Exported

GC INSTRUMENT RUN LOG

Date: 5/18/09	Target Directory: 051509-1	Instrument ID: HP5253	CH: 33 & 34		Report Information:
Analyst: JLB	Test Method: SOM-PCB	Column Type: RTX-5			Page (4) of (4)
Project(s): 050109	ICAL Date: 5/13/09	Column Type: RTX-35			KK 5/21/09
		Injection Volume 2 uL			

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability	
6	A1BLKI3	—	18MA4090107	*E2QQ1	—	—	✓	DPD		GC12230802
7	794702	A2			SD	1:30			1248, 1254, 1260 DCB↓	E2QQ2
8	A1BLKI4	—			—	—				GC12230802
9	794714	A3			SD	1:50			1248, 1254, 1260	E2QR6
10	A1BLKI5	—			—	—				GC12230802
11	794717	A1			SD	1:30			1248, 1254, 1260	E2QR9
12	A1BLKI6	—			—	—				GC12230802
13	794718	A3			SD	1:10			N.D. —	E2QSD
14	A1BLKI7	—			—	—				GC12230802
15	794720	A3			SD	1:500			1248, 1254, 1260	E2QS2
16	A1BLKI8	—		—	—	—	✓	DPD		GC12230802
17	A1BLKI9	—		—	—	—				↓
18	AR166036G6	—		—	—	—			OB to Close / OB to Close	GC01300904
19	AR124236G5	—		—	—	—			OB to Close / OB to Close	GC01300919
20	AR124836G5	—		—	—	—			OB to Close / OB to Close	GC01300909
21	AR125436G5	—		—	—	—			OB to Close / OB to Close	GC01300914
1	A1BLKJ1	—	19MA4090709	—	—	—				
2	A1BLKJ2	—		—	—	—				
3	AR166036G7	—		—	—	—	✓	JLB	OK / DCB↓	
4	AR124236G6	—		—	—	—				
5	AR124836G6	—		—	—	—			Quit Run. JLB 5/19/09	
6	AR125436G6	—		—	—	—				

051909-1

JLB 5/19/09

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC051:05.28.08:1
TestAmerica

* Batch Runlog Exported

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PPCB Surrogate	**Standard Final Conc.:**	0.2-0.4 ug/ml
Standard Lot #:	OP-042909-01	**Expiration Date:**	10/29/2009
Prepared By:	CGC	**Date Prepared:**	4/29/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
4,5,6-Tetrachloro-m-xylene M	OP-05-106-17	Restek	A056991	200 ug/mL	10/29/2009	1.0 mL
Decachlorobiphenyl Mix	OP-06-024-17	Restek	A055393	200 ug/mL	10/29/2009	1.0 mL
Decachlorobiphenyl Mix	OP-06-024-16	Restek	A055393	200 ug/mL	10/29/2009	1.0 mL

Dilutant Used: Acetone **Dilutant Lot #:** H10E11 **Final Vol.:** 1000 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:55 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	AR1660 4.0PPM	**Standard Final Conc.:**	4 ug/ml
Standard Lot #:	OP-121308-01	**Expiration Date:**	6/13/2009
Prepared By:	TPB	**Date Prepared:**	12/13/2008

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
Aroclor 1016/1260 Mix	OP-05-100-06	Restek	A057493	1000 ug/mL	6/13/2009	400 uL

Dilutant Used: Acetone **Dilutant Lot #:** G48E17 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:55 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	AR1660 1.0PPM	**Standard Final Conc.:**	1 ug/mL
Standard Lot #:	OP-121308-02	**Expiration Date:**	6/13/2009
Prepared By:	TPB	**Date Prepared:**	12/13/2008

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
Aroclor 1016/1260 Mix	OP-05-100-06	Restek	A057493	1000 ug/mL	6/13/2009	100 uL

Dilutant Used: Acetone **Dilutant Lot #:** G48E17 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:55 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM PIBLK	**Standard Final Conc.:**	20-40 ug/L
Standard Lot #:	GC-122308-02	**Expiration Date:**	6/23/2009
Prepared By:	ALW	**Date Prepared:**	12/23/2008

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM TCX/DCB	GC-122308-01	BVT	GC-122308-01	5-10 ug/mL	6/23/2009	1 mL

Dilutant Used: Hexane **Dilutant Lot #:** G38E55 **Final Vol.:** 250 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1221 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-020209-03	**Expiration Date:**	7/27/2009
Prepared By:	DPD	**Date Prepared:**	2/2/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1221 L5	GC-020209-01	BVT	GC-020209-01	80-1600 ug/L	7/27/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1232 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-020209-08	**Expiration Date:**	7/30/2009
Prepared By:	DPD	**Date Prepared:**	2/2/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1232 L5	GC-020209-06	BVT	GC-020209-06	80-1600 ug/L	7/30/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1242 L5	**Standard Final Conc.:**	80-1600 ug/L
Standard Lot #:	GC-013009-17	**Expiration Date:**	7/27/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
Aroclor 1242	OP-05-107-10	Restek	A057883	1000 mg/L	7/27/2009	160 uL
SOM TCX/DCB	GC-013009-01	BVT	GC-013009-01	5-10 mg/L	7/30/2009	1600 uL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1242 L4	**Standard Final Conc.:**	40-800 ug/L
Standard Lot #:	GC-013009-18	**Expiration Date:**	7/27/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1242 L5	GC-013009-17	BVT	GC-013009-17	80-1600 ug/L	7/27/2009	20 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1242 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-013009-19	**Expiration Date:**	7/27/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1242 L5	GC-013009-17	BVT	GC-013009-17	80-1600 ug/L	7/27/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air GC: Semivolatile GC GV: Volatile GC HG: Mercury ME: Metals LC: HPLC MS: Semivolatile GCMS MV: Volatile GCMS OP: Organic Extraction WC: Wet Chemistry	Example: 012098	1st Standard made that day = 01 2nd Standard made that day = 02

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1242 L2	**Standard Final Conc.:**	10-200 ug/L
Standard Lot #:	GC-013009-20	**Expiration Date:**	7/27/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID.	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1242 L5	GC-013009-17	BVT	GC-013009-17	80-1600 ug/L	7/27/2009	5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1242 L1	**Standard Final Conc.:**	5-100 ug/L
Standard Lot #:	GC-013009-21	**Expiration Date:**	7/27/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1242 L5	GC-013009-17	BVT	GC-013009-17	80-1600 ug/L	7/27/2009	2.5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1248 L5	**Standard Final Conc.:**	80-1600 ug/L
Standard Lot #:	GC-013009-07	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
AR1248	GC-03-022-05	Restek	A055047	1000 ug/mL	7/30/2009	160 uL
SOM TCX/DCB	GC-013009-01	BVT	GC-013009-01	5-10 ug/mL	7/30/2009	1600 uL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1248 L4	**Standard Final Conc.:**	40-800 ug/L
Standard Lot #:	GC-013009-08	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1248 L5	GC-013009-07	BVT	GC-013009-07	80-1600 ug/L	7/26/2009	20 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1248 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-013009-09	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1248 L5	GC-013009-07	BVT	GC-013009-07	80-1600 ug/L	7/26/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1248 L2	**Standard Final Conc.:**	10-200 ug/L
Standard Lot #:	GC-013009-10	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1248 L5	GC-013009-07	BVT	GC-013009-07	80-1600 ug/L	7/26/2009	5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1248 L1	**Standard Final Conc.:**	5-100 ug/L
Standard Lot #:	GC-013009-11	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1248 L5	GC-013009-07	BVT	GC-013009-07	80-1600 ug/L	7/26/2009	2.5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1254 L5	**Standard Final Conc.:**	80-1600 ug/L
Standard Lot #:	GC-013009-12	**Expiration Date:**	7/28/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
AR1254	GC-03-028-05	Restek	A055478	1000 ug/mL	7/28/2009	160 uL
SOM TCX/DCB	GC-013009-01	BVT	GC-013009-01	5-10 ug/mL	7/30/2009	1600 uL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1254 L4	**Standard Final Conc.:**	40-800 ug/L
Standard Lot #:	GC-013009-13	**Expiration Date:**	7/28/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1254 L5	GC-013009-12	BVT	GC-013009-12	80-1600 ug/L	7/28/2009	20 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1254 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-013009-14	**Expiration Date:**	7/28/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1254 L5	GC-013009-12	BVT	GC-013009-12	80-1600 ug/L	7/28/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1254 L2	**Standard Final Conc.:**	10-200 ug/L
Standard Lot #:	GC-013009-15	**Expiration Date:**	7/28/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1254 L5	GC-013009-12	BVT	GC-013009-12	80-1600 ug/L	7/28/2009	5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1254 L1	**Standard Final Conc.:**	5-100 ug/L
Standard Lot #:	GC-013009-16	**Expiration Date:**	7/28/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1254 L5	GC-013009-12	BVT	GC-013009-12	80-1600 ug/L	7/28/2009	2.5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1262 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-020209-13	**Expiration Date:**	7/30/2009
Prepared By:	DPD	**Date Prepared:**	2/2/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1262 L5	GC-020209-11	BVT	GC-020209-11	80-1600 ug/L	7/30/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1268 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-020209-18	**Expiration Date:**	7/30/2009
Prepared By:	DPD	**Date Prepared:**	2/2/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1268 L5	GC-020209-16	BVT	GC-020209-16	80-1600 ug/L	7/30/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1660 L5	**Standard Final Conc.:**	80-1600 ug/L
Standard Lot #:	GC-013009-02	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
AR1016/1260	GC-03-027-16	Restek	A057493	1000 ug/mL	7/26/2009	160 uL
SOM TCX/DCB	GC-013009-01	BVT	GC-013009-01	5-10 ug/mL	7/30/2009	1600 uL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 100 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:48 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1660 L4	**Standard Final Conc.:**	40-800 ug/L
Standard Lot #:	GC-013009-03	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1660 L5	GC-013009-02	BVT	GC-013009-02	80-1600 ug/L	7/26/2009	20 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:48 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1660 L3	**Standard Final Conc.:**	20-400 ug/L
Standard Lot #:	GC-013009-04	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1660 L5	GC-013009-02	BVT	GC-013009-02	80-1600 ug/L	7/26/2009	10 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1660 L2	**Standard Final Conc.:**	10-200 ug/L
Standard Lot #:	GC-013009-05	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1660 L5	GC-013009-02	BVT	GC-013009-02	80-1600 ug/L	7/26/2009	5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

TestAmerica Burlington Standard Solution Preparation

Standard Name:	SOM AR1660 L1	**Standard Final Conc.:**	5-100 ug/L
Standard Lot #:	GC-013009-06	**Expiration Date:**	7/26/2009
Prepared By:	JB3	**Date Prepared:**	1/30/2009

Component Name	Tag ID	Manufacturer	Manufacturer Lot #	Initial Conc.	Expiration Date	Volume Added
SOM AR1660 L5	GC-013009-02	BVT	GC-013009-02	80-1600 ug/L	7/26/2009	2.5 mL

Dilutant Used: Hexane **Dilutant Lot #:** G31E25 **Final Vol.:** 40 mL

Note: Expiration date of the solution cannot exceed the earliest expiration date of a component.

Lot Number Nomenclature: XX-MMDDYY-##

XX = Department Code	MMDDYY = MonthDayYear	## - Sequential ID
AT: Air	Example: 012098	1st Standard made that day = 01
GC: Semivolatile GC		2nd Standard made that day = 02
GV: Volatile GC		
HG: Mercury		
ME: Metals		
LC: HPLC		
MS: Semivolatile GCMS		
MV: Volatile GCMS		
OP: Organic Extraction		
WC: Wet Chemistry		

5/21/2009 1:49 PM

GC INSTRUMENT RUN LOG

Date: 5/13/09	Target Directory: 050409_1	Instrument ID: HP5253 CH: 33 & 34	Report Information:
Analyst: DPD	Test Method: SOM_PCB	Column Type: RTX-5	Page ( ) of ( )
Project(s): 050109	ICAL Date: 5/4/09	Column Type: RTX-35	
		Injection Volume 2 uL	

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability
37	A1BLKG9	–	13MAY091917				✓	DPD	GC12230802
38	AR16603F5	–	↓				↓	↓	OK / OK to close GC01300904
1	A1BLKH1		14MAY091424						GC12230802
2	AR16603F6								OK / OK GC01300904
3	AR12423F5								OK / OK GC01300919
4	AR12483F5								OK / OK GC01300909
5	AR12543F5								OK / OK GC01300914
6	ABLKQ3								
7	ALCSQ3								
8	794701D1					1:10			
9	794702D1					1:10			
10	794703					1:1			
11	794704								
12	794705								
13	794706								
14	794707								
15	794708					↓			
16	794709D1					1:5			
17	794710D1					1:5			
18	794711D1					1:30			
19	794712D1					1:30			
20	794714D1					1:50			
21	794717D1					1:20			
22	794718D1					1:10			
23	794720D1					1:200			
24	A1BLKH2								GC12230802
25	A1BLKH3		↓						↓

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC051:05.28.08:1
TestAmerica

GC INSTRUMENT RUN LOG

Date: 5/14/09	Target Directory: 050409.1	Instrument ID: HP5253 CH: 33 & 34	Report Information:
Analyst: DPD	Test Method: SOM_PCB	Column Type: RTX-5	Page ( ) of ( )
Project(s): 050109	ICAL Date: 5/4/09	Column Type: RTX-35	
		Injection Volume 2 uL	

Inj. #	Lab ID	BC	Filename / Batch	ETR / SDG	Matrix	DF	QC	Analyst	Comments / Standard Traceability
26	AR16603F7		14MAY091424				X	JJB	1016↑, 1260↓, DCB↓>50% / 1016↑, 1260↓, DCB↓>50% GC01300904
27	AR12423F6						X		1242↑, DCB↓>50% / 1242↑, DCB↓>50% GC01300919
28	AR12483F6						X		DCB↓>50% / DCB↓>50% GC01300909
29	AR12543F6						X		1254↑, DCB↓>50% / 1254↑, DCB↓>50% GC01300914
30	794701					1:1			
31	794701MS								
32	794701MD								
33	794702								
34	794709								
35	794710								
36	794711					1:3			
37	794712					1:3			
38	794713					1:1			
39	794714					1:5			
40	794715					1:1			
41	794716					1:1			
42	794717					1:2			
43	794718					1:1			
44	794719					1:1			
45	794720					1:20			
46	AIBLKH4								Quit Run. JJB 5/15/09 GC12230802
47	AIBLKH5								
48	AIBLKH6								
49	AR16603F8								GC01300904
50	AR12423F7								GC01300919
51	AR12483F7								GC01300909
52	AR12543F7								GC01300914

Legend: DF= Dilution Factor; RE=Reanalyze; ✓ = Reviewed and Acceptable; X = Not Acceptable; — = Not Applicable; W = Water; S = Soil; SD = Sediment; T = Tissue; BC= Bottle Code

BR-FGC051:05.28.08:1
TestAmerica

Data File: 14may091424-r261.d
Report Date: 15-May-2009 08:27

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_1.i Injection Date: 15-MAY-2009 00:25
Lab File ID: 14may091424-r26 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR16603F7 Quant Type: ESTD
Method: /var/chem/5253_1.i/050409_1/14MAY091424.b/SOM01PCB_RTX5_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	574608	667300	0.000	-16.13145	15.00000	Averaged	<-
5 Aroclor-1016(1)	14560	16152	0.000	-10.93560	15.00000	Averaged	
(2)	13812	15738	0.000	-13.94181	15.00000	Averaged	
(3)	16367	19368	0.000	-18.33262	15.00000	Averaged	<-
(4)	11946	14038	0.000	-17.50426	15.00000	Averaged	<-
(5)	11186	13108	0.000	-17.18165	15.00000	Averaged	<-
8 Aroclor-1260(1)	15002	18738	0.000	-24.90001	15.00000	Averaged	<-
(2)	22667	25228	0.000	-11.29554	15.00000	Averaged	
(3)	69646	68185	0.000	2.09722	15.00000	Averaged	
(4)	37254	31748	0.000	14.77982	15.00000	Averaged	
(5)	25529	19440	0.000	23.85093	15.00000	Averaged	<-
$ 11 Decachlorobiphenyl	1103609	438825	0.000	60.23727	15.00000	Averaged	<-

Data File: 14may091424-r261.d
Report Date: 15-May-2009 08:32

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_2.i Injection Date: 15-MAY-2009 00:25
Lab File ID: 14may091424-r26 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR16603F7 Quant Type: ESTD
Method: /var/chem/5253_2.i/050409_1/14MAY091424.b/SOM01PCB_RTX35_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	702615	804600	0.000	-14.51506	15.00000	Averaged	
5 Aroclor-1016 (1)	12506	14040	0.000	-12.26275	15.00000	Averaged	
(2)	18445	20632	0.000	-11.85807	15.00000	Averaged	
(3)	31766	36928	0.000	-16.24805	15.00000	Averaged	<-
(4)	16282	18685	0.000	-14.75863	15.00000	Averaged	
(5)	13426	15800	0.000	-17.68649	15.00000	Averaged	<-
8 Aroclor-1260 (1)	48071	47512	0.000	1.16157	15.00000	Averaged	
(2)	133220	113218	0.000	15.01448	15.00000	Averaged	<-
(3)	35667	26120	0.000	26.76730	15.00000	Averaged	<-
(4)	12300	8142	0.000	33.80283	15.00000	Averaged	<-
(5)	29802	15332	0.000	48.55146	15.00000	Averaged	<-
$ 11 Decachlorobiphenyl	801035	300150	0.000	62.52973	15.00000	Averaged	<-

Data File: 14may091424-r271.d
Report Date: 15-May-2009 08:27

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_1.i Injection Date: 15-MAY-2009 00:49
Lab File ID: 14may091424-r27 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR12423F6 Quant Type: ESTD
Method: /var/chem/5253_1.i/050409_1/14MAY091424.b/SOM01PCB_RTX5_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	574608	684450	0.000	-19.11509	15.00000	Averaged	<-
3 Aroclor-1242(1)	11580	13170	0.000	-13.73303	15.00000	Averaged	
(2)	10844	12578	0.000	-15.98847	15.00000	Averaged	<-
(3)	19919	23930	0.000	-20.13731	15.00000	Averaged	<-
(4)	12818	15362	0.000	-19.85567	15.00000	Averaged	<-
(5)	8798	10722	0.000	-21.87775	15.00000	Averaged	<-
$ 11 Decachlorobiphenyl	1103609	427550	0.000	61.25892	15.00000	Averaged	<-

Data File: 14may091424-r271.d
Report Date: 15-May-2009 08:31

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_2.i Injection Date: 15-MAY-2009 00:49
Lab File ID: 14may091424-r27 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR12423F6 Quant Type: ESTD
Method: /var/chem/5253_2.i/050409_1/14MAY091424.b/SOM01PCB_RTX35_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	702615	828950	0.000	-17.98069	15.00000	Averaged	<-
3 Aroclor-1242(1)	14461	15845	0.000	-9.56867	15.00000	Averaged	
(2)	7275	8102	0.000	-11.37840	15.00000	Averaged	
(3)	24370	28332	0.000	-16.25736	15.00000	Averaged	<-
(4)	12630	14642	0.000	-15.93084	15.00000	Averaged	<-
(5)	10397	12042	0.000	-15.83086	15.00000	Averaged	<-
$ 11 Decachlorobiphenyl	801035	292125	0.000	63.53156	15.00000	Averaged	<-

Data File: 14may091424-r281.d
Report Date: 15-May-2009 08:28

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_1.i Injection Date: 15-MAY-2009 01:13
Lab File ID: 14may091424-r28 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR12483F6 Quant Type: ESTD
Method: /var/chem/5253_1.i/050409_1/14MAY091424.b/SOM01PCB_RTX5_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	574608	653550	0.000	-13.73851	15.00000	Averaged	
6 Aroclor-1248 (1)	7117	7815	0.000	-9.80943	15.00000	Averaged	
(2)	5379	6012	0.000	-11.78248	15.00000	Averaged	
(3)	12606	14430	0.000	-14.47384	15.00000	Averaged	
(4)	7351	8392	0.000	-14.16620	15.00000	Averaged	
(5)	7385	8482	0.000	-14.85926	15.00000	Averaged	
$ 11 Decachlorobiphenyl	1103609	448200	0.000	59.38778	15.00000	Averaged	<-

Data File: 14may091424-r281.d
Report Date: 15-May-2009 08:31

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_2.i Injection Date: 15-MAY-2009 01:13
Lab File ID: 14may091424-r28 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR12483F6 Quant Type: ESTD
Method: /var/chem/5253_2.i/050409_1/14MAY091424.b/SOM01PCB_RTX35_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	702615	799550	0.000	-13.79632	15.00000	Averaged	
6 Aroclor-1248 (1)	8031	8775	0.000	-9.26750	15.00000	Averaged	
(2)	14975	16788	0.000	-12.10070	15.00000	Averaged	
(3)	6667	7342	0.000	-10.13199	15.00000	Averaged	
(4)	5558	6332	0.000	-13.93231	15.00000	Averaged	
(5)	6965	8080	0.000	-16.01486	15.00000	Averaged	<-
$ 11 Decachlorobiphenyl	801035	315075	0.000	60.66651	15.00000	Averaged	<-

Data File: 14may091424-r291.d
Report Date: 15-May-2009 08:28

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_1.i Injection Date: 15-MAY-2009 01:36
Lab File ID: 14may091424-r29 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR12543F6 Quant Type: ESTD
Method: /var/chem/5253_1.i/050409_1/14MAY091424.b/SOM01PCB_RTX5_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	574608	655150	0.000	-14.01696	15.00000	Averaged	
7 Aroclor-1254 (1)	9858	11500	0.000	-16.66096	15.00000	Averaged	<-
(2)	8847	10435	0.000	-17.94459	15.00000	Averaged	<-
(3)	18652	21592	0.000	-15.76739	15.00000	Averaged	<-
(4)	6543	7510	0.000	-14.77477	15.00000	Averaged	
(5)	26328	29420	0.000	-11.74574	15.00000	Averaged	
$ 11 Decachlorobiphenyl	1103609	472075	0.000	57.22442	15.00000	Averaged	<-

Data File: 14may091424-r291.d
Report Date: 15-May-2009 08:31

TestAmerica Burlington

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 5253_2.i Injection Date: 15-MAY-2009 01:36
Lab File ID: 14may091424-r29 Init. Cal. Date(s): 04-MAY-2009 05-MAY-2009
Analysis Type: WATER Init. Cal. Times: 15:26 07:17
Lab Sample ID: AR12543F6 Quant Type: ESTD
Method: /var/chem/5253_2.i/050409_1/14MAY091424.b/SOM01PCB_RTX35_2009.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 1 Tetrachloro-m-xylene	702615	792650	0.000	-12.81427	15.00000	Averaged	
7 Aroclor-1254(1)	13593	15878	0.000	-16.80859	15.00000	Averaged	<-
(2)	10604	12070	0.000	-13.82900	15.00000	Averaged	
(3)	13674	15985	0.000	-16.90282	15.00000	Averaged	<-
(4)	10274	11955	0.000	-16.36452	15.00000	Averaged	<-
(5)	44450	53578	0.000	-20.53329	15.00000	Averaged	<-
$ 11 Decachlorobiphenyl	801035	316575	0.000	60.47925	15.00000	Averaged	<-

Burlington Facility
Internal Chain of Custody Log (ICOC)

Project Information			
ETR:	131597	Method:	SOM01.2_SEMIEXS
SDG:	E2QQ1	LAB IDs:	794701, 794701MD, 794701MS, 794702, 794703, 794704, 794705, 794706, 794707, 794708, 794709, 794710, 794711, 794712, 794713, 794714, 794715, 794716, 794717, 794718, 794719 and 794720
Client Code:	USEPA		

Samples associated with this ETR were placed into storage on 5/7/2009 (Date) 1710 (Time[2]) by: _____ Sample Custodian Signature

Storage Location: Walk-In *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: X Refrigeration __ Frozen __ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		794701 - 720	5/9/09	0800	✓		✓			Lab
✓		" "	"	1345			✓			WF
	✓	" "	"	1700	✓					Lab
	✓	794701 - 720	5/10/09	1350			✓			Ext Lab Storage
	✓	" "	5/11/09	1715	✓					Ext GCS
	✓	" "	5/11/09	1910			✓			GPC Storage
	✓	794701 - 720	5/15/09	1800	✓		✓			GPC Processing & Storage
	✓	794701 - 720	5/18/09	1200	✓					
	✓	" "	5/18/09	1700			✓			MS Prep
	✓	" "	5/19/09	0930			✓			MS Storage
	✓	" "	5/21/09	1000		✓	✓			analysis/storage
	X	794703 + 719	5/22/09	1030	X					Archive Storage
	X	" "	5/22/09	1050			X			GC/MS Storage
	✓	" "	5/22/09	1100		✓	✓			analysis/storage
	✓	794701 - 720	5/22/09	1100		✓	✓			analysis/storage
✓		794703	5/22/09	1830	✓					Ext LAB
✓		"	"	1911			✓			Back IN

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

TestAmerica

Burlington Facility
Internal Chain of Custody Log (ICOC)

Project Information:

ETR: 13/597
SDG: E2QQ1
Client Code: USEPA

Method: SOM01.2 SEMIEXS
LAB IDs: 794701, 794701MS, 794701MD, 794702, 794703, 794704, 794705, 794706, 794707, 794708, 794709, 794710, 794711, 794712, 794713, 794714, 794715, 794716, 794717, 794718, 794719 and 794720

Samples associated with this ETR were placed into storage on _____ *(Date)* _____ *(Time[2])* by: _____ *Sample Custodian Signature*

Storage Location: _____ *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: Refrigeration Frozen Ambient

Internal Transfer Information:

Sample Type		Lab ID(s)	Transfer Date	Transfer Time[2]	Purpose of Transfer			Relinquished By:	Received By:	Storage Location Prepared Sample[1]
Original	Prepared[1]				Prep	Analysis	Storage			
	✓	794703	5/22/09	2025	✓			[signature]	[signature]	GPC Processing & Storage
	✓	"	5/23/09	0100			✓	[signature]	[signature]	GPC Storage
	✓	"	05/26/09	0730		✓	✓	[signature]	[signature]	ANALYSIS/STORAGE
	✓	794701-720	05/26/09	0730		✓	✓	[signature]	[signature]	ANALYSIS/STORAGE

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

TestAmerica

Burlington Facility
Internal Chain of Custody Log (ICOC)

1 of 2

Project Information:

ETR:	131597	Method:	SOM01.2_PESTEXS
SDG:	E2QQ1	LAB IDs:	794701, 794701MD, 794701MS, 794702, 794703, 794704, 794705, 794706, 794707, 794708, 794709, 794710, 794711, 794712, 794713, 794714, 794715, 794716, 794717, 794718, 794719 and 794720
Client Code:	USEPA		

Samples associated with this ETR were placed into storage on 5/7/2009 (Date) 1710 (Time[2]) by: _____ *Sample Custodian Signature*

Storage Location: Walk-In *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: X Refrigeration ___ Frozen ___ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		794701-720	5/9/09	0800	✓					LAB
✓		" "	"	1345			✓			WI
	✓	" "	"	1700	✓					LAB
	✓	794701-720	5/10/09	1410			✓			GPC Storage
	✓	794701-720	5/13/09	1700	✓		✓			GPC Processing & Storage
	✓	" "	5/17/09	1245	✓					Ext Lab
	✓	" "	5/17/09	1445			✓			Ext Lab Storage
	✓	794701-720	5/18/09	2300						Ext LAB
	✓	" "	5/19/09	0830	✓					Ext LAB
	✓	" "	"	1000	✓					Ext LAB
	✓	" "	"	1630			✓			storage
	✓	794701-720	5/20/09	0720		✓				prep
	✓	"	5/20/09	0800			✓			GC Analysis
	✓	"	5/21/09	800		✓	✓			Analysis
	✓	"	5/21/09	815						GC Storage
	✓	794703-710 713,715,16,19	5/21/09	1530	✓					lab
	✓	" "	5/21/09	1700						storage

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

TestAmerica

Burlington Facility
Internal Chain of Custody Log (ICOC)

2 of 2 (cont)

Project Information:

ETR: 131597	Method:
SDG: E2Q01	LAB IDs:
Client Code: USEPA	

Samples associated with this ETR were placed into storage on _____ *(Date)* _____ *(Time[2])* by: _____ *Sample Custodian Signature*

Storage Location: _____ *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: Refrigeration ___ Frozen ___ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer Date	Transfer Time[2]	Purpose of Transfer			Relinquished By:	Received By:	Storage Location Prepared Sample[1]
Original	Prepared[1]				Prep	Analysis	Storage			
	✓	794708-710, 713, 715, 716, 719	5/21/09	1730	✓					Ext Lab
	✓	794701, 702, 711, 712, 714, 717, 718, 720	5/21/09	1900	✓		✓			GPC Processing & Storage
	✓	794703, 704-710, 713, 715, 716, 719	5/21/09	2335			✓			Ext Storage
	✓	794701-794720	5/22/09	1430		✓				Analysis
	✓	"	5/22/09	1445			✓			GC Storage
	✓	703-710, 713, 715, 716, 718, 719	5/23/09	1244		✓				Analysis
	✓	"	5/23/09	1300			✓			GC Storage
	✓	"	5/24/09	1200		✓				Analysis
	✓	"	5/24/09	1215			✓			GC Storage

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

TestAmerica

Burlington Facility
Internal Chain of Custody Log (ICOC)

Project Information

ETR:	**131597**	**Method:**	IN623
SDG:	**E2QQ1**	**LAB IDs:**	794701, 794701DP, 794702, 794703, 794704, 794705, 794706, 794707, 794708, 794709, 794710, 794711, 794712, 794713, 794714, 794715, 794716, 794717, 794718, 794719 and 794720
Client Code:	**USEPA**		

Samples associated with this ETR were placed into storage on 5/7/2009 *(Date)* 1710 *(Time[2])* **by:** _____ *Sample Custodian Signature*

Storage Location: Walk-In *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: X Refrigeration __ Frozen __ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		794701-20	5/8/09	1335		✓		MKG	MKG	
✓		"	"	1625			—	MKG	MKG	

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

TestAmerica

Burlington Facility
Internal Chain of Custody Log (ICOC)

Project Information

ETR:	**131597**	**Method:**	SOM01.2_PCB EXS
SDG:	**E2QQ1**	**LAB IDs:**	794701, 794701MD, 794701MS, 794702, 794703, 794704, 794705, 794706, 794707, 794708, 794709, 794710, 794711, 794712, 794713, 794714, 794715, 794716, 794717, 794718, 794719 and 794720
Client Code:	**USEPA**		

Samples associated with this ETR were placed into storage on 5/7/2009 (Date) 1710 (Time[2]) by: _____ *Sample Custodian Signature*

Storage Location: Walk-In *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: X Refrigeration __ Frozen __ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer Date	Transfer Time[2]	Purpose of Transfer			Relinquished By:	Received By:	Storage Location Prepared Sample[1]
Original	Prepared[1]				Prep	Analysis	Storage			
✓		794701-720	5/8/09 1730	1730	✓			[illegible]	[illegible]	Ext LAB
✓		"	5/8/09 2000	2000			✓	[illegible]	[illegible]	Walk IN
	✓	"	5/9/09	0100	✓			[illegible]	[illegible]	Ext LAB
	✓	"	"	1613			✓	[illegible]	[illegible]	GC Storage
	✓	"	5/11/09	0900		✓		[illegible]	[illegible]	screen
	✓	"	5/11/09	0930			✓	[illegible]	[illegible]	GC storage
	✓	"	5/14/09	1250		✓		[illegible]	[illegible]	Analysis
	✓	"	5/14/09	1350			✓	[illegible]	[illegible]	GC Storage
	✓	"	5/15/09	11:00		✓		[illegible]	[illegible]	Analysis
	✓	"	5/15/09	11:45			✓	[illegible]	[illegible]	GC Storage
	✓	794701, MS, MD, 702, 714, 717, 718, 720	5/18/09	9:20		✓		[illegible]	[illegible]	analysis
	✓	"	5/18/09	9:45			✓	[illegible]	[illegible]	GC Storage

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

TestAmerica

Chris Kalle 517109 1020

FedEx USA Airbill 811417072027 0210 SNA13 **FedEx Billing Copy**

1 From
Date 5/6/09 Sender's FedEx Account Number 1260-5334-7
Sender's Name Mark Jaworski Phone 317 233-2407
Company IND DEPT OF ENVIRON MGMT
Address 100 N SENATE AVE STE N-45 Dept/Floor/Suite/Room
City INDIANAPOLIS State IN ZIP 46204-2211

2 Your Internal Billing Reference Information 66-22

3 To
Recipient's Name Severn Trent Laboratories Phone 802 660-1990
Company
Address 30 Community Dr. Ste 11 Dept./Floor/Suite/Room
(To "HOLD" at FedEx location, print FedEx address here)
City South Burlington State VT ZIP 05403
☐ Check here if residence (Extra charge applies for FedEx Express Saver)

For HOLD at FedEx Location check here
1 ☐ Hold Weekday (Not available with FedEx First Overnight) 31 ☐ Hold Saturday (Not available at all locations) (Available for FedEx Priority Overnight and FedEx 2Day only)

For WEEKEND Delivery check here (Extra Charge. Not available at all locations)
3 ☐ Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day only) 33 ☐ NEW Sunday Delivery (Available for FedEx Priority Overnight only)

8 1 1 4 1 7 0 7 2 0 2 7

4a Express Package Service *Packages under 150 lbs.* Delivery commitment may be later in some areas.
1 ☒ FedEx Priority Overnight (Next business morning) 5 ☐ FedEx Standard Overnight (Next business afternoon)
6 ☐ FedEx First Overnight (Earliest next business morning delivery to select locations) (Higher rates apply)
3 ☐ FedEx 2Day (Second business day) 20 ☐ FedEx Express Saver (Third business day)
FedEx Letter Rate not available. Minimum charge: One pound rate.

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.
7 ☐ FedEx Overnight Freight (Next business day) 8 ☐ FedEx 2Day Freight (Second business day) 83 ☐ FedEx Express Saver Freight (Up to 3 business days)
(Call for delivery schedule. See back for detailed descriptions of freight services.)

5 Packaging 6 ☐ FedEx Letter 2 ☐ FedEx Pak 3 ☐ FedEx Box 4 ☐ FedEx Tube 1 ☐ Other Pkg.
Declared value limit $500.

6 Special Handling (One box must be checked)
Does this shipment contain dangerous goods?* ☐ No 4 ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required)
6 ☐ Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg. CA ☐ Cargo Aircraft Only
*Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment ☐ Obtain Recipient FedEx Account No.
Bill to: 1 ☐ Sender (Account No. in Section 1 will be billed) 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check
(Enter FedEx Account No. or Credit Card No. below)
FedEx Account No.
Credit Card No. Exp. Date
Total Packages Total Weight Total Declared Value* $ .00 Total Charges $
*When declaring a value higher than $100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.
Credit Card Auth.

8 Release Signature
Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

321

WCSL 0299 Rev. Date 7/88 Part #153023ps ©1994-98 FedEx PRINTED IN U.S.A.

0090621611

FOR FEDEX USE ONLY – PLEASE DO NOT REMOVE THIS COPY

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 38525
DAS No:
SDG No: E2QQ1
L

Date Shipped:	5/5/2009
Carrier Name:	FedEx
Airbill:	811417071991
Shipped to:	Severn Trent Laboratories Inc. 30 Community Drive Suite 11 South Burlington VT 05403 (802) 660-1990

Chain of Custody Record		Sampler Signature:	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [illegible]	5/6/09 2:30pm	[illegible]	5/7/09 1020
2			
3			
4			

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2QR3	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129061 (Ice Only), 5C129062 (Ice Only), 5C129063 (Ice Only) (3)	SDF1	S: 5/5/2009 12:03		
E2QR4	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129065 (Ice Only), 5C129066 (Ice Only), 5C129067 (Ice Only) (3)	SDF2	S: 5/5/2009 12:05		
E2QR5	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129069 (Ice Only), 5C129070 (Ice Only), 5C129071 (Ice Only) (3)	SDG1	S: 5/5/2009 13:10		
E2QR6	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21)	5C129073 (Ice Only), 5C129074 (Ice Only) (2)	SDG2	S: 5/5/2009 13:20		
E2QR7	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129077 (Ice Only), 5C129078 (Ice Only), 5C129079 (Ice Only) (3)	SDH1	S: 5/5/2009 14:00		

CK 5/7/09

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [illegible]	Cooler Temperature Upon Receipt: ~~5.9~~ 5.8	Chain of Custody Seal Number: 237001 / 237002
Multiple Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

BNA = CLP TCL Semivolatiles, PCB-ARO = PCB, Pesticide = Pesticide

TR Number: 5-420891360-050609-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4600

LABORATORY COPY

F2V5.1. 047 Page 1 of 1

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 38525
DAS No:
SDG No: E2QQ1

L

Date Shipped:	5/5/2009
Carrier Name:	FedEx
Airbill:	811417071991
Shipped to:	Severn Trent Laboratories Inc. 30 Community Drive Suite 11 South Burlington VT 05403 (802) 660-1990

Chain of Custody Record

	Relinquished By	(Date / Time)	Received By	(Date / Time)
1	[signature]	5/6/09 2:30pm	[signature]	5/7/09 1020
2				
3				
4				

Sampler Signature:

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2QR6	Sediment/ Mark Jaworski	M/G	Pesticide (21)	5C129075 (Ice Only) (1)	SDG2	S: 5/5/2009 13:20		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [signature]	Cooler Temperature Upon Receipt: 5-8	Chain of Custody Seal Number: 23701 / ~~23702~~ 23702
Analysis Key: Pesticide = Pesticide	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

TR Number: 5-420891360-050609-0002

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

F2V8.1. 047 Page 1 of 1

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 38525
DAS No:
SDG No: E2QQ1
L

Date Shipped:	5/6/2009
Carrier Name:	FedEx
Airbill:	811417072005
Shipped to:	Severn Trent Laboratories Inc. 30 Community Drive Suite 11 South Burlington VT 05403 (802) 660-1990

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [illegible]	5/6/09 2:30 PM	[illegible]	5/7/09 1020
2			
3			
4			

Sampler Signature:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2QR8	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129081 (Ice Only), 5C129082 (Ice Only), 5C129083 (Ice Only) (3)	SDH2	S: 5/5/2009	14:20		
E2QR9	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129085 (Ice Only), 5C129086 (Ice Only), 5C129087 (Ice Only) (3)	SDI1	S: 5/5/2009	15:25		
E2QS0	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129034 (Ice Only), 5C129035 (Ice Only), 5C129036 (Ice Only) (3)	SDI2	S: 5/5/2009	15:35		
E2QS1	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129038 (Ice Only), 5C129039 (Ice Only), 5C129040 (Ice Only) (3)	SDJ1	S: 5/5/2009	16:11		
E2QS2	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129042 (Ice Only), 5C129043 (Ice Only), 5C129044 (Ice Only) (3)	SDJ2	S: 5/5/2009	16:21		

last sample in SDG

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [illegible]	Cooler Temperature Upon Receipt: 5.9	Chain of Custody Seal Number: 23703 / 23704
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y Shipment Iced? Y

BNA = CLP TCL Semivolatiles, PCB-ARO = PCB, Pesticide = Pesticide

TR Number: 5-420891360-050609-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

F2V6.1. 047 Page 1 of 1

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 38525
DAS No:
SDG No: E2QQ1
L

Date Shipped:	5/6/2009
Carrier Name:	FedEx
Airbill:	811417072016
Shipped to:	Severn Trent Laboratories Inc. 30 Community Drive Suite 11 South Burlington VT 05403 (802) 660-1990

Chain of Custody Record		Sampler Signature:	
Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [illegible]	5/6/09 2:32pm	[illegible]	5/7/09 1020
2			
3			
4			

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2QQ6	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129022 (Ice Only), 5C129023 (Ice Only), 5C129024 (Ice Only) (3)	SDC2	S: 5/5/2009 14:35		
E2QQ7	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129026 (Ice Only), 5C129027 (Ice Only), 5C129028 (Ice Only) (3)	SDD1	S: 5/5/2009 15:15		
E2QQ8	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129030 (Ice Only), 5C129031 (Ice Only), 5C129032 (Ice Only) (3)	SDD2	S: 5/5/2009 15:30		
E2QR1	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129053 (Ice Only), 5C129054 (Ice Only), 5C129055 (Ice Only) (3)	SDE1	S: 5/5/2009 11:39		
E2QR2	Sediment/ Mark Jaworski	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129057 (Ice Only), 5C129058 (Ice Only), 5C129059 (Ice Only) (3)	SDE2	S: 5/5/2009 11:40		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [illegible]	Cooler Temperature Upon Receipt: 5.1	Chain of Custody Seal Number: 23705/23706
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

BNA = CLP TCL Semivolatiles, PCB-ARO = PCB, Pesticide = Pesticide

TR Number: 5-420891360-050609-0004

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4800

LABORATORY COPY

F2V5.1. 047 Page 1 of 1

USEPA Contract Laboratory Program
Organic Traffic Report & Chain of Custody Record

Case No: 38525
DAS No:
SDG No: E2QQ1
L

Date Shipped:	5/6/2009
Carrier Name:	FedEx
Airbill:	811417072027
Shipped to:	Severn Trent Laboratories Inc. 30 Community Drive Suite 11 South Burlington VT 05403 (802) 660-1990

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1 [illegible]	5/6/09 2:30pm	[illegible]	5/7/09 1020
2			
3			
4			

Sampler Signature:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
E2QQ1	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129002 (Ice Only), 5C129003 (Ice Only), 5C129004 (Ice Only) (3)	SDA1	S: 5/5/2009	11:25		
E2QQ2	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129006, 5C129007 (Ice Only), 5C129008 (Ice Only) (3)	SDA2	S: 5/5/2009	11:40		
E2QQ3	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129010 (Ice Only), 5C129011 (Ice Only), 5C129012 (Ice Only) (3)	SDB1	S: 5/6/2009	12:30		
E2QQ4	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129014 (Ice Only), 5C129015 (Ice Only), 5C129016 (Ice Only) (3)	SDB2	S: 5/5/2009	12:42		
E2QQ5	Sediment/ Mike Sickels	M/G	BNA (21), PCB-ARO (21), Pesticide (21)	5C129018 (Ice Only), 5C129019 (Ice Only), 5C129020 (Ice Only) (3)	SDC1	S: 5/5/2009	14:20		

Shipment for Case Complete? ~~N~~ Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [illegible]	Cooler Temperature Upon Receipt: 6.0	Chain of Custody Seal Number: 23707 / 23708
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G		Custody Seal Intact? Y / Shipment Iced? Y

BNA = CLP TCL Semivolatiles, PCB-ARO = PCB, Pesticide = Pesticide

TR Number: 5-420891360-050609-0005

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.
Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

F2V5.1. 047 Page 1 of 1

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ1	5/5/09	1125		✓

Samplers (signatures): [illegible]

Station Number and Location: SDA1

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129004	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ1	5/5/09	1125		✓

Samplers (signatures): [illegible]

Station Number and Location: SDA1

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129003	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
31525	[illegible]	5/5/09	1125am		✓

Station Number and Location: JDA1

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129002

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
31525	E2QQ2	5/5/09	11:40am		✓

Station Number and Location: JDA2

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129008

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	EQQ2	5/5/09	11:40am		X

Station Number and Location: SDA2

Samplers (signatures)

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129007

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	EQQ2	5/5/09	11:40am		X

Station Number and Location: SDA2

Samplers (signatures)

PRESERVATIVE: H_2SO_4 ☐ ICE ☐
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129006

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ3	5/5/09	12:30 pm		X

Station Number and Location: SDB1

Samplers (signatures): [signature]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129012

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ3	5/5/09	12:30 pm		X

Station Number and Location: SDB1

Samplers (signatures): [signature]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129011

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ4	5/5/09	12:40		X

Station Number and Location: SDB2

Samplers (signatures)

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129016

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ3	5/5/09	12:30		X

Station Number and Location: SDB1

Samplers (signatures)

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB	X		
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129010

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ4	5/5/08	12:42pm		X

Station Number and Location: SDB2

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129014	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ4	5/5/08	12:42pm		X

Station Number and Location: SDB2

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF	X	BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129015	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q05	5/5/09	2:20pm		X

Station Number and Location: SDC1

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129020

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q05	5/5/09	2:20pm		X

Station Number and Location: SDC1

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129019

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ6	5/5/09	2:35 pm		X

Station Number and Location: JDC2

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129024

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ5	5/5/09	2:20 pm		X

Station Number and Location: JDC1

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☐ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129018

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ6	5/5/09	2135		X

Station Number and Location: SDC2

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129023

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ6	5/5/09	2135		X

Station Number and Location: SDC2

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129022

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ7	5/5/09	3:15pm		X

Station Number and Location: SDD1

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129027

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ7	5/5/09	3:15pm		X

Station Number and Location: SDD1

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129028

Lab Sample Number:

DESIGNATE: Comp. ☐ Grab ☒
Case # or Project Code: 38523
Sample Number: E2Q0Q
Month/Day/Year: 5/5/09
Time: 3:50
Samplers (signatures):
Station Number and Location: SD01

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:
Remarks:
USE FOR MS/MSD ☐
Tag Number: 5C- 129026
Lab Sample Number:

DESIGNATE: Comp. ☐ Grab ☒
Case # or Project Code: 38525
Sample Number: E2Q12
Month/Day/Year: 5/5/09
Time: 4:20
Samplers (signatures):
Station Number and Location: SD02

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:
Remarks:
USE FOR MS/MSD ☐
Tag Number: 5C- 129044
Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QS2	5/5/09	4:21pm		X

Station Number and Location: SDJ2

Samplers (signatures): Jonathan R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129043

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QS2	5/5/09	4:21pm		X

Station Number and Location: SDJ2

Samplers (signatures): Jonathan R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129042

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q51	5/5/09	4:11pm		X

Station Number and Location: SD51

Samplers (signatures): Timothy R Cohen

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129040

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q51	5/5/09	4:11pm		X

Station Number and Location: SD51

Samplers (signatures): Timothy R Cohen

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129039

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QS1	5/5/09	4:11 pm		X

Station Number and Location: SD51

Samplers (signatures): Jimmie R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129038

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QS0	5/5/09	3:25 pm		X

Station Number and Location: SD72

Samplers (signatures): Jimmie R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129036

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q10	5/5/09	3:30 pm		X

Station Number and Location: SD72

Samplers (signatures): Timothy R Graham

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129035

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q30	5/5/09	3:30 pm		X

Station Number and Location: SD72

Samplers (signatures): Timothy R Graham

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129034

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR9	5/5/09	3:25		X

Station Number and Location: SDI1

Samplers (signatures): Timothy Rodman

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129087

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR9	5/5/09	3:25pm		X

Station Number and Location: SDI1

Samplers (signatures): Timothy Rodman

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129086

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q28	5/5/09	3:20pm		X

Station Number and Location: SD H2

Samplers (signatures): Timothy R Palmer

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129083

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q29	5/5/09	3:25pm		X

Station Number and Location: SDT1

Samplers (signatures): Timothy R Palmer

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129085

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR8	5/5/09	2:20pm		X

Station Number and Location: SD#2

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129082	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38528	E2QR8	5/5/09	2:20pm		X

Station Number and Location: SD#2

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☐
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB DC	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks: ABN

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129081	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR7	5/5/09	2:00pm		X

Station Number and Location: SDH1

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129079

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR7	5/5/09	2:00pm		X

Station Number and Location: SDH1

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129078

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q87	5/5/09	2:00pm		X

Station Number and Location: SD41

Samplers (signatures): Timothy Robinson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129077

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2Q86	5/5/09	1:20 pm		X

Station Number and Location: SD62

Samplers (signatures): Timothy Robinson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129075

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR6	5/5/09	1:20pm		X

Station Number and Location: SD62

Samplers (signatures): Timothy R Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129074	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR5	5/5/09	1:20pm		X

Station Number and Location: SD62

Samplers (signatures): Timothy R Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☑

Tag Number	Lab Sample Number
5C- 129073	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	22025	5/5/07	1:10pm		X

Station Number and Location: SD61

Samplers (signatures): Timothy R. Palmer

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129071

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	22025	5/5/07	1:10pm		X

Station Number and Location: SD61

Samplers (signatures): Timothy R. Palmer

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129070

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR5	5/5/09	1:10pm		X

Station Number and Location: SD61

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediment

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129069	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR4	5/5/09	12:05pm		X

Station Number and Location: SDF2

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129067	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR4	5/5/09	12:05		X

Station Number and Location: SDF2

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediment

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129066

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR4	5/5/09	12:05pm		X

Station Number and Location: SDF2

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediment

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129065

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QW3	5/5/09	12:03pm		X

Station Number and Location: SDF1

Samplers (signatures): Timothy R. Palmer

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129063

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QW3	5/5/09	12:03		X

Station Number and Location: SDF1

Samplers (signatures): Timothy R. Palmer

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129062

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR23	5/5/09	12:03		X

Station Number and Location: SD-1

Samplers (signatures): Tinsley R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129061

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR22	5/5/09	11:40am		X

Station Number and Location: SD-2

Samplers (signatures): Tinsley R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☑
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129059

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR2	5/5/09	11:40am		X

Station Number and Location: SD E2

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediment

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129057

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
	E2QR2	5/5/09	11:40am		X

Station Number and Location: SD E2

Samplers (signatures): Timothy R. Johnson

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129058

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR1	5/5/09	11:39		X

Samplers (signatures): Timothy A. Johnson

Station Number and Location: SD-1

PRESERVATIVE: H_2SO_4 ☐ ICE ☐
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	DC	Fluoride	
Herbicides	DC	Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks: PCB

USE FOR MS/MSD ☐

Tag Number: 5C- 129055

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QR1	5/5/09	11:39		X

Samplers (signatures): Timothy A. Johnson

Station Number and Location: SD-1

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129054

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
385525	E2QQ21	5/5/09	11:39am		X

Station Number and Location: SD-1

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix: Sediments

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129053	

# or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
385525	E2QQ8	5/5/09	3:30pm		X

Station Number and Location: SD02

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒ HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES			
VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides	X	Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number	Lab Sample Number
5C- 129032	

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ1	3/5/09	3:30pm		X

Station Number and Location: SD02

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN	X	CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB		TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129030

Lab Sample Number:

Case # or Project Code	Sample Number	Month/Day/Year	Time	DESIGNATE Comp.	DESIGNATE Grab
38525	E2QQ1	3/5/09	3:30pm		X

Station Number and Location: SD02

Samplers (signatures): [illegible]

PRESERVATIVE: H_2SO_4 ☐ ICE ☒
HCL ☐ HNO_3 ☐ NaOH ☐ Other ☐

ANALYSES

VOA		METALS	
ABN		CYANIDE	
PEST/PCB			
		Mercury	
Pesticides		Fluoride	
Herbicides		Nitrate/Nitrite	
PCB	X	TOC	
PCDD/PCDF		BOD	
2,3,7,8-TCDD		COD	
Ames Mutagen		TDS	
Asbestos		TSS	
Phosphorus		O&G	
Phenols		Sulfate	
PAH		Chloride	
TCLP		Sulfide	
TOX		Ammonia	
CBOD		Alkalinity	
Bio-Acute		Acidity	
Bio-Chronic		TKN	

Matrix:

Remarks:

USE FOR MS/MSD ☐

Tag Number: 5C- 129031

Lab Sample Number:

SAMPLE LOG-IN SHEET
FORM DC-1

Lab Name	TestAmerica Burlington	Page 1 of 1
Received By (Print Name)	Christopher M. Kolb	Log - in Date
		05/07/2009
Received By (Signature)	Chris Kolb	
Case Number 38525	Sample Delivery Group No. E2QQ1	Mod. Ref. No.

Remarks:

1. Custody Seal (s)	Present Intact
2. Custody Seal Nos.	23701 23702
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present
4. Airbill	Present Airbill
5. Airbill No.	8114 1707 1991
6. Sample Tags Sample Tags Numbers	Present Listed on COC
7. Sample Condition	Intact
8. Cooler Temperature Indicator Bottle	Absent
9. Cooler Temperature	5.8 °C
10. Does information on TR/COCs and sample tags agree?	No
11. Date Received at Laboratory	05/07/2009
12. Time Received	10:20

Corresponding			
EPA Sample #	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
E2QR3	5C129061 5C129062 5C129063	794711	Sample received in this cooler did not have a cooler temperature indicator bottle present. The cooler temperature was recorded at 5.8°C by using an IR gun. The TR/COCs list a separate airbill number, however the samples were shipped under one master airbill 8114 1707 2027, which is only listed on one TR/COC.
E2QR4	5C129065 5C129166 5C129067	794712	
E2QR5	5C129069 5C129070 5C129071	794713	
E2QR6	5C129073 5C129074 5C129075	794714	
E2QR7	5C129077 5C129078 5C129079	794715	

Sample Transfer			
Fraction	PEST/ARO/SVOA	Fraction	
Area #	Walk-In	Area #	
By	WMM	By	
On	05/07/2009	On	

* Contact SMO and attach record of resolution.

Reviewed By	Kathleen J. Langone	Logbook No.	
Date	05/26/2009	Logbook Page No.	

SOM01.2 (4/2007)

SAMPLE LOG-IN SHEET
FORM DC-1

Lab Name	TestAmerica Burlington		Page 1 of 1
Received By (Print Name)	Christopher M. Kolb		Log - in Date
			05/07/2009
Received By (Signature)	Chris Kolb		
Case Number	38525	Sample Delivery Group No. E2QQ1	Mod. Ref. No. EP-W-07-057

Remarks:

1. Custody Seal (s)	Present Intact
2. Custody Seal Nos.	23703 23704
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present
4. Airbill	Present Airbill
5. Airbill No.	8114 1707 2005
6. Sample Tags Sample Tags Numbers	Present Listed on COC
7. Sample Condition	Intact
8. Cooler Temperature Indicator Bottle	Present
9. Cooler Temperature	5.9 °C
10. Does information on TR/COCs and sample tags agree?	No
11. Date Received at Laboratory	05/07/2009
12. Time Received	10:20

Corresponding			
EPA Sample #	Sample Tag #	Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
E2QR8	5C129081 5C129082 5C129083	794716	The TR/COCs list a separate airbill number, however the samples were shipped under one master airbill 8114 1707 2027, which is only listed on one TR/COC.
E2QR9	5C129085 5C129086 5C129087	794717	
E2QS0	5C129034 5C129035 5C129036	794718	
E2QS1	5C129038 5C129039 5C129040	794719	
E2QS2	5C129042 5C129043 5C129044	794720	

Sample Transfer			
Fraction	PEST/ARO/SVOA	Fraction	
Area #	Walk-In	Area #	
By	WMM	By	
On	05/07/2009	On	

* Contact SMO and attach record of resolution.

Reviewed By	Kathleen J Lanigan	Logbook No.	
Date	05/26/2009	Logbook Page No.	

SOM01.2 (4/2007)

SAMPLE LOG-IN SHEET
FORM DC-1

Lab Name	TestAmerica Burlington		Page 1 of 1
Received By (Print Name)	Christopher M. Kolb		Log - in Date
			05/07/2009
Received By (Signature)	Chris Kolb		
Case Number 38525	Sample Delivery Group No. E2QQ1		Mod. Ref. No.

Remarks:		EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1. Custody Seal (s)	Present Intact ✓	E2QQ6	5C129022 5C129023 5C129024	794706	The TR/COCs list a separate airbill number, however the samples were shipped under one master airbill 8114 1707 2027, which is only listed on one TR/COC.
2. Custody Seal Nos.	23705 23706 ✓	E2QQ7	5C129026 5C129027 5C129028	794707	
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present ✓ ✓	E2QQ8	5C129030 5C129031 5C129032	794708	
		E2QR1	5C129053 5C129054 5C129055	794709	
4. Airbill	Present Airbill ✓	E2QR2	5C129057 5C129058 5C129059	794710	
5. Airbill No.	8114 1707 2016				
6. Sample Tags Sample Tags Numbers	Present Listed on COC				
7. Sample Condition	Intact				
8. Cooler Temperature Indicator Bottle	Present				
9. Cooler Temperature	5.1 °C				
10. Does information on TR/COCs and sample tags agree?	No				
11. Date Received at Laboratory	05/07/2009				
12. Time Received	10:20				

Sample Transfer			
Fraction	PEST/ARO/SVOA	Fraction	
Area #	Walk-In	Area #	
By	WMM	By	
On	05/07/2009	On	

* Contact SMO and attach record of resolution.

Reviewed By	Kathleen J. Shayne	Logbook No.	
Date	05/26/2009	Logbook Page No.	

SOM01.2 (4/2007)

SAMPLE LOG-IN SHEET
FORM DC-1

Lab Name	TestAmerica Burlington	Page 1 of 1
Received By (Print Name)	Christopher M. Kolb	Log - in Date
		05/07/2009
Received By (Signature)	Chris Kolb	
Case Number 38525	Sample Delivery Group No. E2QQ1	Mod. Ref. No.

Remarks:

1. Custody Seal (s)	Present Intact
2. Custody Seal Nos.	23707 23708
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present
4. Airbill	Present Airbill
5. Airbill No.	8114 1707 2027
6. Sample Tags Sample Tags Numbers	Present Listed on COC
7. Sample Condition	Intact
8. Cooler Temperature Indicator Bottle	Present
9. Cooler Temperature	6.0 °C
10. Does information on TR/COCs and sample tags agree?	No
11. Date Received at Laboratory	05/07/2009
12. Time Received	10:20

Sample Transfer		
Fraction	PEST/ARO/SVOA	Fraction
Area #	Walk-In	Area #
By	WMM	By
On	05/07/2009	On

EPA Sample #	Corresponding Sample Tag #	Corresponding Assigned Lab #
E2QQ1	5C129002 5C129003 5C129004	794701
E2QQ2	5C129006 5C129007 5C129008	794702
E2QQ3	5C129010 5C129011 5C129012	794703
E2QQ4	5C129014 5C129015 5C129016	794704
E2QQ5	5C129018 5C129019 5C129020	794705

Remarks: Condition of Sample Shipment, etc.

The TR/COCs list a separate airbill number, however the samples were shipped under one master airbill 8114 1707 2027, which is only listed on one TR/COC. On the TR/COC, sample E2QQ3 has a sample collection date of 05/06/2009, however the sample tags attached to the sample jars have a collection date of 05/05/2009. Per region 5 the laboratory will assign the sample collection date listed on the sample tag. The TR/COC does not list a sample designated for laboratory QC, however the scheduling notification for Case 38525 requries laboratory QC for all fractions. The laboratory assigned sample E2QQ1 for laboratory QC for this SDG.

* Contact SMO and attach record of resolution.

Reviewed By	Kathryn J Lanigan	Logbook No.	
Date	05/26/2009	Logbook Page No.	

SOM01.2 (4/2007)

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client:	USEPA	Date Received:	05/07/09	Log in Date:	05/07/09
ETR:	131597	Time Received:	1020	By:	
SDG:	E2QQ1	Received By:	CK	Signature:	
Project:	27999	# Coolers Received:	4	PM Signature:	
Samples Delivered By: X Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)				Date:	5/11/09
List Air bill Number(s) or Attach a photocopy of the Air Bill:					

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact	X			
Custody seal numbers are present	X			

If yes, list custody seal numbers: 23704, 703, 701, 702, 708, 707, 705, 706

Thermal Preservation Type: X Wet Ice ☐ Blue Ice ☐ None ☐ Other (specify)

IR Gun ID:	96	Correction Factor (CF) =	-2 °C				
Cooler 1:	5.4 °C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	5.8 °C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	6.0 °C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	5.1 °C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container	X			

CHAIN OF CUSTODY (COC)	YES	NO	NA	COMMENTS
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			See below
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures	X			
Internal Chain of Custody (ICOC) Required	X			
If yes to above, ICOC Record initiated for every Worksheet	X			

SAMPLE INTEGRITY / USABILITY	YES	NO	NA	COMMENTS
The sample container matches the COC		X		See below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Trip blanks received in 3 of 4 coolers (coolers w/ COC w/ samples E2QR3 – E2QR7 did not have a trip blank. Paired cust # to shipping bills but to client in each cooler. Coolers received 05/07. Samples not identified in "sample specific" area but listed in "Additional Sample Comments" field in COC. All vials received w/ copy of the shipping label. Most matches only COC w/ samples E2QQ1 – E2QQ5. VOC not assigned on COCs and no extra vials received so QC assigned to first sample in set at high as schedule and fractions requests QC for all parameters. 1st COC says case complete, all other COCs do not. Site Open and closed 4/5/07. Sub contracting results 1 of 4 coolers. extra COC received for E2QR6 alone in cooler w/ sample. All vials labeled w/ stickers w/ ID and USEPA tags affixed upon receipt. Removed and attached to ETR packet. Information on EPA tags used to match samples to COCs. *see attached sheet. →

FSR002:12.19.07:3
TestAmerica Burlington

No volms received in amber glass jars for SVOA. NCR initiated for inadequate preservation due to light-sensitivity. Sample bottles for E2QQ3 list date of 05/05/2009, COC reads 05/06/09. Dates on bottles used at light pour KAD. Tag numbers on labels match COC. All samples placed in walk-in refrigeration on 05/07/09 by comm at 1710.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Report Summary – Wet Chemistry

Lavigne, Rayburn

From: Gholam, Sara [sgholam@fedcsc.com]
Sent: Friday, May 08, 2009 9:32 AM
To: Chirgwin, Karen; Young, Kirk; Dusablon, Kris; Lavigne, Rayburn
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Multiple | FINAL

Kris,

Summary Start
-Discrepancies with tags, jars, and/or TR/COC-
Issue 1: The TR/COCs list 4 different airbill numbers; however, the samples shipped under one master airbill, 8114 1707 2027, which is only listed on one TR/COC.
Resolution 1: In accordance with previous direction from Region 5, the laboratory will note the issue in the SDG Narrative and proceed with the
analysis of the samples.

Issue 2: On the TR/COC, sample E2QQ3 has a sample collection date of 5/6/2009; however, the sample tags attached to the sample jars have a collection date of 5/5/2009.
Resolution 2: In accordance with previous direction from Region 5, the laboratory will note the issue in the SDG Narrative and proceed with the
sample collection date and/or time listed on the sample tag attached to the sample container.

-Missing temperature blank-
Issue 3: The laboratory received one out of the four coolers without a temperature blank. Samples associated with this cooler are: E2QR3, E2QR4, E2QR5, E2QR6 and E2QR7. The laboratory determined the temperature of the cooler to be 5.8°C by using an IR gun.
Resolution 3: In accordance with previous direction from Region 5, the laboratory will note the issue, and the method used to determine the temperature, in the SDG Narrative and proceed with the analysis of the samples.
Summary End

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Dusablon, Kris [mailto:Kris.Dusablon@testamericainc.com]
Sent: Friday, May 08, 2009 9:01 AM
To: Gholam, Sara
Cc: stlv-usepa-clp
Subject: RE: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue TR/COC

05/16/2009

Sara,

Here are copies of the TR/COC and the air bill that was received with the samples. The temperature of each shipment / cooler is recorded at the bottom of the TR/COC. I also included the FedEx tracking information which identifies the three other shipments or coolers that were associated with it the master air bill (number 8114 1707 2027). We did receive all 4 pieces and all the samples listed on the TR/COC, but the issue is that the master air bill number was only identified on one of the TR/COCs while the other TR/COC has some other air bill numbers that were not associated with these samples.

Kris

05/08/2009 05:10 PM

Voice message from Kris Dusablon (STLV) to Sara Gholam (SMO). Per Kris, the laboratory determined the temperature of the cooler to be 5.8°C by using an IR gun.

From: Dusablon, Kris
Sent: Thursday, May 07, 2009 4:38 PM
To: 'Gholam, Sara'
Cc: stlv-usepa-clp
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue TR/COC

Sara,

Some of the air bills numbers listed on the TR/COC, do not match the air bills numbers received. One master air bill number 8114 1707 2027 was used and copied for the entire shipment and that number should have been referenced on the TR/COC.

Only three coolers out of the four coolers were received with temperature blanks. Samples E2QR6, E2QR3, E2QR4, E2QR5, E2QR6 and E2QR7 were in the cooler that did not have a temperature blank inside.

The TR/COC, sample E2QQ3 has a collection date of 05/06/09, but the sample tags have a collection date of 05/05/09. What date should we use?

Thanks,
Kris

KRISTINE DUSABLON
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 I Direct 802.923.1022 I Fax 802.660.1919
www.testamericainc.com

CONFIDENTIALITY NOTICE: This e-mail communication, including any attachments, may contain privileged or confidential information for specific individuals and is protected by law. If you are not the intended recipient(s), you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited and you should delete this message and its attachments from your computer without retaining any copies. If you have received this communication in error, please reply to the sender immediately. We appreciate your cooperation.
Please consider the environment before printing this e-mail.

Dusablon, Kris

From: Gholam, Sara [sgholam@fedcsc.com]
Sent: Thursday, May 07, 2009 4:19 PM
To: Dusablon, Kris; stlv-usepa-clp
Cc: mjaworsk@idem.in.gov; Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Insufficient/inappropriate designation of laboratory QC | FINAL

Kris,

Summary Start
Issue: The TR/COC does not indicate a sample for laboratory QC; however per scheduling laboratory QC is required. The laboratory would like to select sample E2QQ1 for QC of SDG E2QQ1.
Resolution: In accordance with previous direction from Region 5, the laboratory will select a sample for laboratory QC as long as the sample is not a PE, blank, or rinsate sample. The laboratory will note the issue in the SDG Narrative, notify the SMO coordinator of the sample selected for laboratory QC, and proceed with the analysis of the samples. If the laboratory is not sure that the sample they selected is not a PE, blank, or rinsate sample, they will contact SMO and wait for a resolution from the Region.
Summary End

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Dusablon, Kris [mailto:Kris.Dusablon@testamericainc.com]
Sent: Thursday, May 07, 2009 4:07 PM
To: Gholam, Sara
Cc: stlv-usepa-clp
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory QC

Sara,

The scheduling notification does state that we should have lab QC assigned for this Case, but as you can see from the TR/COC that RJ sent you, a sample was not identified to be used for laboratory QC. We can use sample E2QQ1 for laboratory QC if you would like us to for this Case for SDG E2QQ1?

Kris

5/11/2009

KRISTINE DUSABLON
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 I Direct 802.923.1022 I Fax 802.660.1919
www.testamericainc.com

From: Lavigne, Rayburn
Sent: Thursday, May 07, 2009 3:29 PM
To: Gholam, Sara; Chirgwin, Karen; Young, Kirk; Dusablon, Kris
Subject: RE: Case 38525 | TRs

Hi Sara,

Kris had to step out of the office for this afternoon. I have attached the TRs for all samples received today for Case 38525 (this is the first samples that we have received for Case 38525).

Thanks,

R.J. LAVIGNE
Project Management Assistant

Test America
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 I Direct 802.923.1024
www.testamericainc.com

-----Original Message-----
From: Gholam, Sara [mailto:sgholam@fedcsc.com]
Sent: Thursday, May 07, 2009 3:11 PM
To: Chirgwin, Karen; Young, Kirk; Dusablon, Kris; Lavigne, Rayburn
Subject: Case 38525 | TRs

Hi Kris,

Could you please email me a PDF copy of all TRs received for Case 38525?

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

5/11/2009

This is a PRIVATE message. if you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery.
NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

CONFIDENTIALITY NOTICE: This e-mail communication, including any attachments, may contain privileged or confidential information for specific individuals and is protected by law. If you are not the intended recipient(s), you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited and you should delete this message and its attachments from your computer without retaining any copies. If you have received this communication in error, please reply to the sender immediately. We appreciate your cooperation.
Please consider the environment before printing this e-mail.

Lavigne, Rayburn

From: Gholam, Sara [sgholam@fedcsc.com]
Sent: Wednesday, May 13, 2009 2:12 PM
To: Chirgwin, Karen; Young, Kirk; Dusablon, Kris; Lavigne, Rayburn
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems | FINAL

Kirk,

Summary Start
Issue: The extracts of the samples in SDG E2QQ1 were evaluated for dissolved solids prior to the GPC clean-up process. In that evaluation, the laboratory determined that the dissolved solids content of the samples would exceed the capacity of the GPC column, some by as much as a factor of 9. Samples associated with this issue are:

E2QQ1 (and the associated MS/MSD) - 3 times capacity
E2QQ2 - 9 times capacity
E2QR3 - 2 times capacity
E2QR4 - 2 times capacity
E2QR6 - 2 times capacity
E2QR9 - 2 times capacity
E2QS0 - 8 times capacity
E2QS2 - 3 times capacity

Currently each extract is held at a pre-GPC volume of 10.0 milliliters. The laboratory proposes the following course of action in proceeding with the GPC clean-up process:

1. For those samples that exceed GPC capacity by a factor less than 5, a 2.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. The laboratory does not anticipate this will impact the pesticides reporting limits.

2. For those samples that exceed GPC capacity by a factor greater than 5, a 1.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. This will raise the pesticides reporting limits by a factor of 2.

The laboratory's proposed course of action assumes that the final extracts can be reduced to the stated volumes. If the final concentration step is constrained by the constituent concentrations the laboratory will identify the issue at that time.
Resolution: Per Region 5, the laboratory's proposed actions are acceptable.
Summary End

Please let me know if you have any questions.

Thanks

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the

05/13/2009

use of e-mail for such purpose.

05/13/2009 1:15 PM

Phone conversation between Sara Gholam (SMO) and Warren Layne (Region 5). Per Region 5, the laboratory's proposals are acceptable.

From: Gholam, Sara
Sent: Tuesday, May 12, 2009 2:10 PM
To: Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems

Warren,

STLV is reporting the following issue for Case 38525 [XXX]. Please advise if the laboratory's proposals are acceptable.

Issue: The extracts of the samples in SDG E2QQ1 were evaluated for dissolved solids prior to the GPC clean-up process. In that evaluation, the laboratory determined that the dissolved solids content of the samples would exceed the capacity of the GPC column, some by as much as a factor of 9. Samples associated with this issue are:

E2QQ1 (and the associated MS/MSD) - 3 times capacity
E2QQ2 - 9 times capacity
E2QR3 - 2 times capacity
E2QR4 - 2 times capacity
E2QR6 - 2 times capacity
E2QR9 - 2 times capacity
E2QS0 - 8 times capacity
E2QS2 - 3 times capacity

Currently each extract is held at a pre-GPC volume of 10.0 milliliters. The laboratory proposes the following course of action in proceeding with the GPC clean-up process:

3. For those samples that exceed GPC capacity by a factor less than 5, a 2.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. The laboratory does not anticipate this will impact the pesticides reporting limits.

4. For those samples that exceed GPC capacity by a factor greater than 5, a 1.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. This will raise the pesticides reporting limits by a factor of 2.

The laboratory's proposed course of action assumes that the final extracts can be reduced to the stated volumes. If the final concentration step is constrained by the constituent concentrations the laboratory will identify the issue at that time.

Resolution: Per Region 5, the laboratory's proposed actions are acceptable.

Please let me know if you have any questions.

Thanks,
Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151

05/13/2009

Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

05/12/2009 2:00 PM

Phone conversation between Sara Gholam (SMO) and Mark Jaworski (Region 5). Per Region 5, the laboratory's proposed actions are acceptable.

From: Gholam, Sara
Sent: Tuesday, May 12, 2009 11:50 AM
To: 'mjaworsk@idem.in.gov'
Cc: Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems

Mark,

STLV is reporting the following issue for Case 38525. Please advise if the laboratory's proposals are acceptable.

Issue 1: The extracts of the samples in SDG E2QQ1 were evaluated for dissolved solids prior to the GPC clean-up process. In that evaluation, the laboratory determined that the dissolved solids content of the samples would exceed the capacity of the GPC column, some by as much as a factor of 9. Samples associated with this issue are:

E2QQ1 (and the associated MS/MSD) - 3 times capacity
E2QQ2 - 9 times capacity
E2QR3 - 2 times capacity
E2QR4 - 2 times capacity
E2QR6 - 2 times capacity
E2QR9 - 2 times capacity
E2QS0 - 8 times capacity
E2QS2 - 3 times capacity

Currently each extract is held at a pre-GPC volume of 10.0 milliliters. The laboratory proposes the following course of action in proceeding with the GPC clean-up process:

5. For those samples that exceed GPC capacity by a factor less than 5, a 2.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. The laboratory does not anticipate this will impact the pesticides reporting limits.

6. For those samples that exceed GPC capacity by a factor greater than 5, a 1.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. This will raise the pesticides reporting limits by a factor of 2.

The laboratory's proposed course of action assumes that the final extracts can be reduced to the stated volumes. If the final concentration step is constrained by the constituent concentrations the laboratory will identify the issue at that time.

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

05/13/2009

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Young, Kirk [mailto:Kirk.Young@testamericainc.com]
Sent: Tuesday, May 12, 2009 9:43 AM
To: Gholam, Sara
Cc: stlv-usepa-clp; Callahan, Christopher
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Pesticides | GPC Issue
Importance: High

Sara,

The extracts of the samples in this sample set were evaluated for dissolved solids prior to the GPC clean-up process. In that evaluation it was determined the dissolved solids content of certain of the samples would exceed the capacity of the GPC column, some by as much as a factor of 9. The samples at issue are as follows:

E2QQ1 (and the associated MS/MSD) - 3 times capacity
E2QQ2 - 9 times capacity
E2QR3 - 2 times capacity
E2QR4 - 2 times capacity
E2QR6 - 2 times capacity
E2QR9 - 2 times capacity
E2QS0 - 8 times capacity
E2QS2 - 3 times capacity

Currently each extract is held at a pre-GPC volume of 10.0 milliliters. The laboratory proposes the following course of action in proceeding with the GPC clean-up process:

7. For those samples that exceed GPC capacity by a factor less than 5, a 2.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. There will be no impact to the pesticides reporting limits.

8. For those samples that exceed GPC capacity by a factor greater than 5, a 1.0 milliliter aliquot of the pre-GPC extract volume will be diluted to 10.0 milliliters and taken through the GPC clean-up. The final extract volume will be brought to 1.0 milliliters for analysis. This will raise the pesticides reporting limits by a factor of 2.

The proposed course of action assumes that the final extracts can be reduced to the stated volumes. If the final concentration step is constrained by the constituent concentrations the laboratory will identify the issue at that time.

Is the proposed course of action acceptable.

Kirk

KIRK YOUNG
Project Technical Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 Direct 802.923.1017
www.testamericainc.com

05/13/2009

CONFIDENTIALITY NOTICE: This e-mail communication, including any attachments, may contain privileged or confidential information for specific individuals and is protected by law. If you are not the intended recipient(s), you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited and you should delete this message and its attachments from your computer without retaining any copies. If you have received this communication in error, please reply to the sender immediately. We appreciate your cooperation.
Please consider the environment before printing this e-mail.

05/13/2009

Lavigne, Rayburn

From: Gholam, Sara [sgholam@fedcsc.com]
Sent: Wednesday, May 13, 2009 2:25 PM
To: Chirgwin, Karen; Young, Kirk; Dusablon, Kris; Lavigne, Rayburn
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems | FINAL

Kirk,

Summary Start
Issue: The pre-GPC extract volumes of the samples in SDG E2QQ1 were screened for SVOA analysis. Based on the screen results, the laboratory determined three samples will need to be extracted by the medium level method. Samples associated with this issue are: E2QQ2, E2QS0, and E2QS2.

Based on the current log-in, MS/MSD analyses are assigned to sample E2QQ1, and these will be performed by the low level method.

The laboratory intends to provide for the medium level extraction of samples E2QQ2, E2QS0, and E2QS2, and to assign MS/MSD analyses to sample E2QQ2.

Resolution: Per Region 5, the laboratory's proposed actions are fine. The laboratory shall perform MS/MSD on the low level soil sample E2QQ1, and shall also perform MS/MSD on the medium level soil sample E2QQ2.
Summary End

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

05/13/2009 1:30 PM

Phone conversation between Sara Gholam (SMO) and Warren Layne (Region 5). Per Region 5, the laboratory's proposals are acceptable.

From: Gholam, Sara
Sent: Wednesday, May 13, 2009 1:00 PM
To: Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems

Warren,

STLV is reporting the following issue for Case 38525 [XXX]. Please advise if the sampler provided PROPOSED Resolution is acceptable.

05/13/2009

Issue 1: The pre-GPC extract volumes of the samples in SDG E2QQ1 were screened for SVOA analysis. Based on the screen results, the laboratory determined three samples will need to be extracted by the medium level method. Samples associated with this issue are: E2QQ2, E2QS0, and E2QS2.

Based on the current log-in, MS/MSD analyses are assigned to sample E2QQ1, and these will be performed by the low level method.

The laboratory intends to provide for the medium level extraction of samples E2QQ2, E2QS0, and E2QS2, and to assign MS/MSD analyses to sample E2QQ2.

PROPOSED Resolution 1: Per Region 5, the laboratory's proposed actions are fine. The laboratory shall perform MS/MSD on the low level soil sample E2QQ1, and shall also perform MS/MSD on the medium level soil sample E2QQ2.

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

05/13/2009 1:00 PM

Phone conversation between Sara Gholam (SMO) and Mark Jaworski (Region 5). Per Region 5, the laboratory's proposed actions are fine. The laboratory shall perform MS/MSD on the low level soil sample E2QQ1, and shall also perform MS/MSD on the medium level soil sample E2QQ2.

From: Gholam, Sara
Sent: Wednesday, May 13, 2009 11:26 AM
To: 'mjaworsk@idem.in.gov'
Cc: Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems
Importance: High

Mark,

STLV is reporting the following issue for Case 38525. Please advise if the laboratory's proposed actions regarding MS/MSD designation are acceptable.

Issue 1: The pre-GPC extract volumes of the samples in SDG E2QQ1 were screened for SVOA analysis. Based on the screen results, the laboratory determined three samples will need to be extracted by the medium level method. Samples associated with this issue are: E2QQ2, E2QS0, and E2QS2.

Based on the current log-in, MS/MSD analyses are assigned to sample E2QQ1, and these will be performed by the low level method.

05/13/2009

The laboratory intends to provide for the medium level extraction of samples E2QQ2, E2QS0, and E2QS2, and to assign MS/MSD analyses to sample E2QQ2.

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Young, Kirk [mailto:Kirk.Young@testamericainc.com]
Sent: Wednesday, May 13, 2009 10:30 AM
To: Gholam, Sara
Cc: stlv-usepa-clp
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Semivolatile Organics | Medium Level
Importance: High

Sara,

The pre-GPC extract volumes of the samples in this sample set were screened for the semivolatile organics analysis. Based on the screen results, three samples will need to be extracted by the medium level method. The samples at issue are as follows:

E2QQ2
E2QS0
E2QS2

Based on the current log-in, matrix spike and matrix spike duplicate analyses are assigned to sample E2QQ1, and these will be performed by the low level method.

The laboratory intends to provide for the medium level extraction of samples E2QQ2, E2QS0, and E2QS2, and to assign matrix spike and matrix spike duplicate analyses to sample E2QQ2.

Is the proposed course of action, with the assignment of matrix spike and matrix spike duplicate analyses, acceptable.

Kirk

KIRK YOUNG
Project Technical Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 Direct 802.923.1017
www.testamericainc.com

CONFIDENTIALITY NOTICE: This e-mail communication, including any attachments, may contain privileged or confidential information for specific individuals and is protected by law. If you are not the intended recipient(s), you

are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited and you should delete this message and its attachments from your computer without retaining any copies. If you have received this communication in error, please reply to the sender immediately. We appreciate your cooperation.
Please consider the environment before printing this e-mail.

05/13/2009

Lavigne, Rayburn

From: Gholam, Sara [sgholam@fedcsc.com]
Sent: Thursday, May 21, 2009 10:39 AM
To: Chirgwin, Karen; Young, Kirk; Dusablon, Kris; Lavigne, Rayburn
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems | FINAL

Kirk,

Summary Start
Issue: The extracts of the samples in this SDG have been analyzed for Aroclor PCBs. Several of the extracts were analyzed at a dilution based on the results of preliminary screening. The following is a summary of the samples, the dilution, and the characterization of the Aroclor PCBs identified in the dilution analysis:

E2QQ1 (and the associated MS/MSD) - 30-fold - Aroclors 1248, 1254, 1260
E2QQ2 - 30-fold - Aroclors 1248, 1254, 1260
E2QR1 - 5-fold - Aroclors 1248, 1254, 1260
E2QR2 - 5-fold - Aroclors 1248, 1254, 1260
E2QR3 - 50-fold - Aroclors 1248, 1254
E2QR4 - 50-fold - Aroclors 1248, 1254
E2QR6 - 50-fold - Aroclors 1248, 1254
E2QR9 - 30-fold - Aroclors 1248, 1254, 1260
E2QS0 - 10-fold - None Identified
E2QS2 - 500-fold - Aroclors 1248, 1254

Samples E2QQ2 and E2QS0 did contain high constituent concentrations of petroleum hydrocarbons. Additionally, the more problematic extracts were analyzed at a dilution in a separate analytical sequence with instrument blanks between acquisitions. While the closing standards in that analytical sequence did meet the 50 percent difference criterion, those acquisitions did not provide for continuance of the sequence.

With the exception of sample E2QS0, the characterization of Aroclor PCBs in each of the referenced samples appears to be well established.

Should the laboratory pursue a more concentrated analysis on any one of the samples?

Resolution: Per Region 5, the laboratory should not pursue a more concentrated analysis on any one of the samples.
Summary End

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

05/21/2009

-----Original Message-----
From: Pham.Howard@epamail.epa.gov [mailto:Pham.Howard@epamail.epa.gov]
Sent: Thursday, May 21, 2009 10:25 AM
To: Gholam, Sara
Subject: Re: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems

Hi Sara,

It is OK. Thanks,

Howard Pham, Chemist/Contract Laboratory Program Project Officer
U.S. EPA, Region 5 (SM-5J)
77 West Jackson Blvd.
Chicago, IL. 60604
(312) 353-2310
(312) 385-5407 (fax)
pham.howard@epa.gov

NOTICE OF CONFIDENTIALITY

This E-mail message and its attachments (if any) are intended for the use of the addressees hereof. In adition, this message and the attachments (if any) may contain information that is confidential, privileged, and exempt from disclosure under applicable law. If you are not intended recipient of this message, you are prohibited from reading, disclosing, reproducing, distributing, disseminating or otherwise using this transmission. Delivery of this message to any person other than the intended recipient is not intended to waive any right or privilege. If you have received this message in error, please promptly notify the sender by reply E-mail and immediately delete this message from your system.

From: Gholam, Sara
Sent: Thursday, May 21, 2009 10:03 AM
To: Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems

Warren/Howard,

STLV is reporting the following issue for Case 38525 [XXX]. Please advise if the sampler provided PROPOSED Resolution is acceptable.

Issue: The extracts of the samples in this SDG have been analyzed for Aroclor PCBs. Several of the extracts were analyzed at a dilution based on the results of preliminary screening. The following is a summary of the samples, the dilution, and the characterization of the Aroclor PCBs identified in the dilution analysis:

E2QQ1 (and the associated MS/MSD) - 30-fold - Aroclors 1248, 1254, 1260
E2QQ2 - 30-fold - Aroclors 1248, 1254, 1260
E2QR1 - 5-fold - Aroclors 1248, 1254, 1260
E2QR2 - 5-fold - Aroclors 1248, 1254, 1260
E2QR3 - 50-fold - Aroclors 1248, 1254

05/21/2009

E2QR4 - 50-fold - Aroclors 1248, 1254
E2QR6 - 50-fold - Aroclors 1248, 1254
E2QR9 - 30-fold - Aroclors 1248, 1254, 1260
E2QS0 - 10-fold - None Identified
E2QS2 - 500-fold - Aroclors 1248, 1254

Samples E2QQ2 and E2QS0 did contain high constituent concentrations of petroleum hydrocarbons (refer to the ROC referencing the issues with the GPC clean-up of the pesticides extracts). Additionally, the more problematic extracts were analyzed at a dilution in a separate analytical sequence with instrument blanks between acquisitions. While the closing standards in that analytical sequence did meet the 50 percent difference criterion, those acquisitions did not provide for continuance of the sequence.

With the exception of sample E2QS0, the characterization of Aroclor PCBs in each of the referenced samples appears to be well established.

Should the laboratory pursue a more concentrated analysis on any one of the samples?

PROPOSED Resolution: Per Region 5, the laboratory should not pursue a more concentrated analysis on any one of the samples.

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

05/21/2009 9:55 AM

Phone conversation between Sara Gholam (SMO) and Fran Metcalfe (Region 5). Per Region 5, the laboratory should not pursue a more concentrated analysis on any one of the samples.

From: Gholam, Sara
Sent: Wednesday, May 20, 2009 4:16 PM
To: 'mjaworsk@idem.in.gov'
Cc: Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems

Mark/Fran,

Please see STLV's email below regarding the issue with Case 38525, and please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5

05/21/2009

CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Young, Kirk [mailto:Kirk.Young@testamericainc.com]
Sent: Wednesday, May 20, 2009 4:12 PM
To: Gholam, Sara
Cc: stlv-usepa-clp
Subject: RE: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Aroclor PCBs | Dilution Issue
Importance: High

Sara,

Yes, the reference should be to E2QS0.

Kirk

KIRK YOUNG
Project Technical Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 Direct 802.923.1017
www.testamericainc.com

From: Gholam, Sara [mailto:sgholam@fedcsc.com]
Sent: Wednesday, May 20, 2009 3:51 PM
To: Young, Kirk
Subject: RE: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Aroclor PCBs | Dilution Issue

Hi Kirk,

Could you please confirm that the sample ID you are referring to in the final sentence that reads "The chromatogram from the analysis of sample E2QS at a 10-fold dilution did reflect high interference" should be "E2QS0"?

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

05/21/2009

From: Young, Kirk [mailto:Kirk.Young@testamericainc.com]
Sent: Wednesday, May 20, 2009 3:25 PM
To: Gholam, Sara
Cc: stlv-usepa-clp; Zygmuntowicz, Jon; Downing, David
Subject: RE: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Aroclor PCBs | Dilution Issue
Importance: High

Sara,

As a follow-up to our telephone conversation, the laboratory did critically evaluate the acquired data for samples E2QR3, E2QR4, E2QR6, and E2QS2. The presence of Aroclor 1260 is identifiable in each sample, at a concentration of approximately one-fourth to one-half the adjusted reporting limit. The quantification across the five peaks in each of the analyses is reasonably uniform, and indicative of a good pattern identification.

The chromatogram from the analysis of sample E2QS at a 10-fold dilution did reflect high interference.

Kirk

KIRK YOUNG
Project Technical Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 Direct 802.923.1017
www.testamericainc.com

05/20/2009 2:45 PM
Phone conversation between Sara Gholam (SMO) and Kirk Young (STLV). Kirk informed Sara that he would confirm in an email whether Aroclors were present in samples E2QR3, E2QR4, E2QR6, and E2QS2. Kirk also informed Sara that the 10 fold dilution for sample E2QS0 was the lowest dilution level the laboratory could perform, and that the laboratory did not detect the presence of any Aroclors in sample E2QS0.

05/20/2009 ~2:15 PM
Phone conversation between Sara Gholam (SMO), Jim Riche (Region 5), and Fran Metcalfe (Region 5). Fran informed Sara that Mark Jaworski had forwarded the ROC to herself and Jim Riche. The Region asked for clarification regarding the laboratory's issue, and asked for confirmation that laboratory did not detect the presence of Aroclors for sample E2QS0. The Region also asked whether the laboratory ran smaller dilutions, other than those listed in the laboratory's email, for any of the samples.

From: Gholam, Sara
Sent: Wednesday, May 20, 2009 9:44 AM
To: 'mjaworsk@idem.in.gov'
Cc: Carlene Thomas; Howard Pham; Warren Layne
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Issue Laboratory problems
Importance: High

Mark,

STLV is reporting the following issue for Case 38525. Please advise how the laboratory should proceed.

Issue: The extracts of the samples in this SDG have been analyzed for Aroclor PCBs. Several of the extracts were analyzed at a dilution based on the results of preliminary screening. The following is a summary of the samples, the dilution, and the characterization of the Aroclor PCBs identified in the dilution analysis:

05/21/2009

E2QQ1 (and the associated MS/MSD) - 30-fold - Aroclors 1248, 1254, 1260
E2QQ2 - 30-fold - Aroclors 1248, 1254, 1260
E2QR1 - 5-fold - Aroclors 1248, 1254, 1260
E2QR2 - 5-fold - Aroclors 1248, 1254, 1260
E2QR3 - 50-fold - Aroclors 1248, 1254
E2QR4 - 50-fold - Aroclors 1248, 1254
E2QR6 - 50-fold - Aroclors 1248, 1254
E2QR9 - 30-fold - Aroclors 1248, 1254, 1260
E2QS0 - 10-fold - None Identified
E2QS2 - 500-fold - Aroclors 1248, 1254

Samples E2QQ2 and E2QS0 did contain high constituent concentrations of petroleum hydrocarbons (refer to the ROC referencing the issues with the GPC clean-up of the pesticides extracts). Additionally, the more problematic extracts were analyzed at a dilution in a separate analytical sequence with instrument blanks between acquisitions. While the closing standards in that analytical sequence did meet the 50 percent difference criterion, those acquisitions did not provide for continuance of the sequence.

With the exception of sample E2QS0, the characterization of Aroclor PCBs in each of the referenced samples appears to be well established.

Should the laboratory pursue a more concentrated analysis on any one of the sample?

Please let me know if you have any questions.

Thank you,

Sara Gholam
Environmental Coordinator - Region 5
CSC

15000 Conference Center Drive Chantilly, VA 20151
Civil Division | w: 703.818.4184 | f: 703.818.4602 | sgholam@fedcsc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Young, Kirk [mailto:Kirk.Young@testamericainc.com]
Sent: Tuesday, May 19, 2009 4:56 PM
To: Gholam, Sara
Cc: stlv-usepa-clp; Zygmuntowicz, Jon; Downing, David
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Aroclor PCBs | Dilution Issue
Importance: High

Sara,

The extracts of the samples in this sample set have been analyzed for Aroclor PCBs. Several of the extracts were analyzed at a dilution based on the results of preliminary screening. The following is a summary of the samples, the dilution, and the characterization of the Aroclor PCBs identified in the dilution analysis:

E2QQ1 (and the associated MS/MSD) - 30-fold - Aroclors 1248, 1254, 1260
E2QQ2 - 30-fold - Aroclors 1248, 1254, 1260
E2QR1 - 5-fold - Aroclors 1248, 1254, 1260
E2QR2 - 5-fold - Aroclors 1248, 1254, 1260
E2QR3 - 50-fold - Aroclors 1248, 1254

E2QR4 - 50-fold - Aroclors 1248, 1254
E2QR6 - 50-fold - Aroclors 1248, 1254
E2QR9 - 30-fold - Aroclors 1248, 1254, 1260
E2QS0 - 10-fold - None Identified
E2QS2 - 500-fold - Aroclors 1248, 1254

It should be noted that samples E2QQ2 and E2QS0 did contain high constituent concentrations of petroleum hydrocarbons (refer the e-mail referencing the issues with the GPC clean-up of the pesticides extracts). Additionally, the more problematic extracts were analyzed at a dilution in a separate analytical sequence with instrument blanks between acquisitions. While the closing standards in that analytical sequence did meet the 50 percent difference criterion, those acquisitions did not provide for continuance of the sequence.

With the exception of sample E2QS0, the characterization of Aroclor PCBs in each of the referenced samples appears to be well established. Is the laboratory to pursue a more concentrated analysis on any one of the sample?

Kirk

KIRK YOUNG
Project Technical Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 Direct 802.923.1017
www.testamericainc.com

CONFIDENTIALITY NOTICE: This e-mail communication, including any attachments, may contain privileged or confidential information for specific individuals and is protected by law. If you are not the intended recipient(s), you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited and you should delete this message and its attachments from your computer without retaining any copies. If you have received this communication in error, please reply to the sender immediately. We appreciate your cooperation.
Please consider the environment before printing this e-mail.

Young, Kirk

From: Read, Ransom [rread@fedcsc.com]
Sent: Friday, May 22, 2009 5:26 PM
To: Young, Kirk
Cc: Rudolph, Elizabeth; pham.howard@epa.gov; layne.warren@epa.gov; ROCv2.0TEST-DASS@fedcsc.com
Subject: REGION 5 | CASE 38525 | LAB STLV | SDG E2QQ1 | ISSUE CCSHELPDESK | FINAL

Hello Kirk,

I am writing as a follow up to our phone conversation regarding the issues presented concerning the SVOA analyses of samples under Case 38525. Please refer to your originial email below for DASS's response.

Feel free to contact me if you have additional questions.

Thanks,
Ransom Read
CSC
(703) 818-4301
rread@fedcsc.com

PLEASE SEND ALL DASS/CCS INQUIRIES TO: CCSSUPPORT@FEDCSC.COM
This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Young, Kirk [mailto:Kirk.Young@testamericainc.com]
Sent: Friday, May 22, 2009 1:04 PM
To: Gholam, Sara
Cc: stlv-usepa-clp; Bissonette, Don; Edwin, Joe; Zygmuntowicz, Jon
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Semivolatile Organics | Low Level
Importance: High

Sara,

The laboratory has analyzed the first set of samples for semivolatile organics. While there was good performance in the opening calibration check acquisition, the closing calibration check acquisition failed the technical acceptance criteria. The laboratory acquired a second closing calibration check immediately after the first, and there was a similar performance issue in that acquisition. For your reference, I have included a copy of the instrument run-log for the analytical in the attached "pdf" file.

In the analytical sequence there were certain samples that were related to this sample delivery group that may likely have affected the overall performance of the instrumentation. These include samples E2QR3, E2QR4, E2QR6, and E2QR8, for which I have provided chromatograms and summary information in the attached "pdf" file.

The laboratory is proceeding with a reanalysis of the more "less problematic" samples from the initial analytical sequence, in an attempt to provide for a compliant analysis of those samples. For the remainder of the samples, those will be reanalyzed in a separate sequence, however, that sequence will likely have performance issues with the closing calibration check.

We will need specific guidance relative to those analyses that were (and are to be) performed on samples E2QR3, E2QR4, E2QR6, and E2QR8. As you will see, with the exception of sample E2QR8, the analysis of each of the referenced samples was performed at a dilution. In each of the analyses there was a low internal standard response. With the exception of sample E2QR3, there is a need to provide for an analysis at a further dilution in order to provide for quantification within the range of calibrated instrument response. The additional dilution may provide internal standard stability, although this is uncertain.

The issues at hand are as follows:

1. Is the laboratory to analyze sample E2QR3 at a dilution in an attempt to provide internal standard stability?

Per the SOW, corrective action for a failing CCV requires that the affected samples be re-analyzed at the same dilution factor associated to the samples when the initial closing CCV failed. Both analyses are to be reported, one of which should be identified with the -RE suffix.

2. If in analyzing the more "problematic" samples a second time at the appropriate dilution the analytical sequence meets the closing calibration criteria, is the laboratory to formally report the more concentrated analyses from the failed analytical sequence?

Both analytical sequences, the initial failed analytical sequence and the subsequent analytical sequence required for the intial ccv failure are to be reported.

3. If in analyzing the more "problematic" samples a second time at the appropriate dilution there are internal standard issues, is the laboratory to re-analyze the samples at that dilution to prove-out the internal standard issue;

Yes.

or is the laboratory to formally report the more concentrated analyses from the failed analytical sequence for that purpose, recognizing that those analyses would not have been performed at the same concentration level? In the latter context should the sample reference be XXXXXRE or XXXXXDL?

A required dilution of a sample is considered as a re-analysis in this case and further reanalysis is not required due to matrix issues. The sample should be named using the -'DL' suffix.) The results of both the initial and re-analyzed sequences should be reported.

Please advise. As you can see, I am trying to cover a number of eventualities in advance of the Memorial Day weekend in order to give direction to laboratory operations in anticipation of a number of possible scenarios.

Kirk

KIRK YOUNG
Project Technical Director

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

30 Community Drive, Suite 11
South Burlington, VT 05403
Tel 802.660.1990 Direct 802.923.1017
www.testamericainc.com

CONFIDENTIALITY NOTICE: This e-mail communication, including any attachments, may contain privileged or confidential information for specific individuals and is protected by law. If you are not the

Young, Kirk

From: Read, Ransom [rread@fedcsc.com]
Sent: Wednesday, May 27, 2009 2:29 PM
To: Young, Kirk
Cc: ROCv2.0TEST-DASS@fedcsc.com; layne.warren@epa.gov; pham.howard@epa.gov
Subject: REGION 5 | CASE 38525 | LAB STLV | SDG E2QQ1 | ISSUE CCS HELPDESK | FINAL

Hello Kirk,

I am writing as a follow up to our phone conversation concerning your email below.

Please note, provided that the dilutions do not cause target analytes to be diluted out of the sample, it is acceptable to report the results from the diluted analyses with the compliant closing CCV. Should the dilution of the sample result in "U" flags for the target analytes, the more concentrated analyses with the non-compliant closing CCV should be reported. For further guidance with regards to sample dilutions, please refer to SOW SOM01.2, Exhibit D, Sections 10.4.3 and 10.4.3.5.

Defects may be assessed for the failing closing CCV, however the lab may petition USEPA for a waiver for these defects.

With regards to the analysis of the MS/MSD samples at a 5X dilution in comparison to the analysis of the parent sample at a 2X dilution, you had indicated that this was due to the differing amounts of constituent hydrocarbons present in the extracts as evidenced in the chromotagrams from the screening process.

According to the SOW, PEST Exhibit D Section 12.3.3.3 – the MS/MSD must be analyzed and reported at the same concentration as the most concentrated analyses of the parent sample, therefore a defect will be generated for this issue based on the SOW requirements. SMO is unable to remove valid defects that are assessed based on SOW requirements without approval from USEPA. The lab may petition USEPA for a waiver for these defects. Once USEPA approves a waiver request SMO will be able to remove the associated defects.

Feel free to contact me if you have any questions or need more information.

Thanks,
Ransom Read
CSC
(703) 818-4301
rread@fedcsc.com

PLEASE SEND ALL DASS/CCS INQUIRIES TO: CCSSUPPORT@FEDCSC.COM
This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery. NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

From: Young, Kirk [mailto:Kirk.Young@testamericainc.com]
Sent: Tuesday, May 26, 2009 9:35 AM
To: Gholam, Sara
Cc: stlv-usepa-clp; Zygmuntowicz, Jon
Subject: Region 05 | Case 38525 | Lab STLV | SDG E2QQ1 | Chlorinated Pesticides | Dilution Issue
Importance: High

5/27/2009

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ1

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794701

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 32.5

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		32.5	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Duplicate Sample Report Summary

Client Sample No.
E2QQ1REP

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794701DP

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 31.9

Method	Parameter	Analytical Run Date	Analytical Batch	Units	Sample Result Conc.	Sample Result Qual.	Duplicate Sample Result Conc.	Duplicate Sample Result Qual.	RPD[1]
IN623	Solids, Percent	05/08/09	N/A	%	32.5		31.9		2

1 - Control Limit for RPD is +/- 20%, unless otherwise specified.

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ2

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794702

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 28.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		28.8	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ3

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794703

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 20.7

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		20.7	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ4

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794704

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 31.1

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		31.1	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ5

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794705

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 42.2

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		42.2	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ6

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794706

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 38.8

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		38.8	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ7

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794707

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 22.1

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		22.1	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QQ8

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794708

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 20.5

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		20.5	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR1

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794709

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 32.6

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		32.6	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR2

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794710

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 35.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		35.0	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR3

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794711

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 32.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		32.3	

Printed on: 05/11/09 09:33 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR4

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1
Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794712
Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09
% Solids: 30.4

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		30.4	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR5

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794713

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 70.7

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		70.7	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR6

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1
Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794714
Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09
% Solids: 49.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		49.3	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR7

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794715

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 77.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		77.3	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR8

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794716

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 83.1

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		83.1	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QR9

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794717

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 41.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		41.3	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QS0

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794718

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 50.4

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		50.4	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QS1

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794719

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 37.3

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		37.3	

Printed on: 05/11/09 09:34 AM

WET CHEMISTRY

Sample Report Summary

Client Sample No.
E2QS2

Lab Name: TestAmerica Burlington
Contract: EP-W-07-057
SDG No.: E2QQ1

Lab Code: TALVT
Case No.: 38525
Lab Sample ID: 794720

Matrix: SEDIMENT
Client: USEPA
Date Received: 05/07/09

% Solids: 42.2

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/08/09	N/A	%	1.0		42.2	

Printed on: 05/11/09 09:34 AM

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Supportive Documentation – Wet Chemistry

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Wet Chemistry Raw Data

Solids, Percent

TestAmerica Burlington -- PERCENT SOLID REPORT11-MAY-2009 08:55:28m:ss SEDUIC

Method: IN623

Analyst: MNT

Date/Time in: 05/08/09 1625

Date/Time out: 05/09/09 1515

Batch: ZR

Date Entered: 05-10-09
Entered by: MNT

Date Verified: 05-11-09
Verified by: SED

Lab ID	Mass of Dish (g)	Mass of Dish and Wet Sample (g)	Mass of Dish and Dry Sample (g)	Percent Solid
794701	0.97	9.28	3.67	32.4910
794701DP	0.97	9.07	3.55	31.8519
794702	0.99	10.50	3.73	28.8118
794703	0.99	14.05	3.69	20.6738
794704	0.99	12.82	4.67	31.1074
794705	0.99	9.66	4.65	42.2145
794706	0.99	8.68	3.97	38.7516
794707	0.99	11.10	3.22	22.0574
794708	0.96	10.78	2.97	20.4684
794709	0.99	9.58	3.79	32.5960
794710	0.99	11.30	4.60	35.0145
794711	0.99	9.47	3.73	32.3113
794712	0.99	11.40	4.15	30.3554
794713	0.99	12.14	8.87	70.6726
794714	0.99	10.32	5.59	49.3033
794715	0.97	11.75	9.30	77.2727
794716	0.95	13.34	11.25	83.1316
794717	0.99	9.56	4.53	41.3069
794718	0.99	9.56	5.31	50.4084
794719	0.99	10.38	4.49	37.2737

TestAmerica Burlington -- PERCENT SOLID REPORT11-MAY-2009 08:55:53m:ss SEDUIC

Method: IN623

Analyst: MNT

Date/Time in: 05/08/09 1625

Date/Time out: 05/09/09 1515

Batch: ZS

Date Entered: 05-10-09
Entered by: MNT

Date Verified: 05-11-09
Verified by: SED

Lab ID	Mass of Dish (g)	Mass of Dish and Wet Sample (g)	Mass of Dish and Dry Sample (g)	Percent Solid
794720	0.97	12.18	5.70	42.1945
794773	0.97	11.40	8.72	74.3049
794774	0.97	10.56	9.22	86.0271
794775	1.00	11.34	9.07	78.0464
794776	0.97	9.56	7.90	80.6752
794777	0.97	8.68	6.74	74.8379
794778	0.99	12.76	11.09	85.8114
794779	0.99	10.15	7.71	73.3624
794780	0.99	9.63	8.00	81.1343

PERCENT SOLIDS DETERMINATION

Batch ID:	~~2R~~ 2R				
Start Date:	5/8/09	Oven ID:	2	End Date:	5/9/09
Start Time:	1625	Time In:	1625	End Time:	1525
Analyst:	MNY	Time Out:	1518	Analyst:	MNY

LAB ID	Dish ID	Dish Weight (g)	Weight of Dish + Wet Sample (g)	Weight of Dish + Dry Sample (g)	
794701	9	0.97	9.28	3.67	A2
794701DP	10	0.97	9.07	3.55	A2
794702	11	0.99	10.50	3.73	A3
794703	12	0.99	14.05	3.69	A1
794704	13	0.99	12.82	4.67	A1
794705	14	0.99	9.66	4.65	A1
794706	15	0.99	8.68	3.97	A1
794707	16	0.99	11.10	3.22	A2
794708	17	0.96	10.78	2.97	A2
794709	18	0.99	9.58	3.79	A1
794710	19	0.99	11.30	4.60	A1
794711	20	0.99	9.47	3.73	A2
794712	21	0.99	11.40	4.15	A2
794713	22	0.99	12.14	8.87	A3
794714	23	0.99	10.32	5.59	A3
794715	24	0.97	11.75	9.30	A2
794716	25	0.95	13.34	11.25	A1
794717	26	0.99	9.56	4.53	A1
794718	27	0.99	9.56	5.31	A3
794719	28	0.99	10.38	4.49	A2

Calculation: Percent Wet Weight = $\frac{\text{Weight of Dry Sample (g)}}{\text{Weight of Wet Sample (g)}} \times 100$

Where:

Weight of Dry Sample = Weight of Dry Sample (g) - Dish Weight (g)

Weight of Wet Sample= Weight of Wet Sample (g) - Dish Weight (g)

2

PERCENT SOLIDS DETERMINATION

Batch ID:	25				
Start Date:	5/8/09	Oven ID:	2	End Date:	5/9/09
Start Time:	1625	Time In:	1625	End Time:	1525
Analyst:	MMY	Time Out:	1515	Analyst:	MMY

LAB ID	Dish ID	Dish Weight (g)	Weight of Dish + Wet Sample (g)	Weight of Dish + Dry Sample (g) 5/9/09 MMY	
794770	29	0.97	12.18	~~5.79~~ 5.70	A3
794773	30	0.97	11.40	~~5.45~~ 8.72	A2
794774	31	0.97	10.56	~~7.04~~ 9.22	
794775	32	1.00	11.34	~~9.12~~ 9.07	
794776	33	0.97	9.56	~~5.91~~ 7.90	
794777	34	0.97	8.68	~~7.26~~ 6.74	
794778	35	0.99	12.76	~~7.9~~ 11.09	
794779	36	0.99	10.15	7.71	
794780	37	0.99	9.63	8.00	

5/8/09
MMY

Calculation: Percent Wet Weight = $\frac{\text{Weight of Dry Sample (g)}}{\text{Weight of Wet Sample (g)}} \times 100$

Where:

Weight of Dry Sample = Weight of Dry Sample (g) - Dish Weight (g)

Weight of Wet Sample= Weight of Wet Sample (g) - Dish Weight (g)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Sample Delivery Group: E2QQ1 CERCLIS No: IND077005916
Case No: 38525 Site Name/Location: Gary Dev Co INC (IN)
Contractor or EPA Lab: TestAmerica Data User: IDEM
No. of Samples: 20 Date Sampled or Date Received: 29 May 09

Have Chain-of-Custody records been received? Yes X No ____
Have traffic reports or packing lists been received? Yes X No ____
If no, are traffic reports or packing list numbers written on the Chain-of-Custody Record?
Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes X No ____
No of samples claimed: 20 No. of samples received: ____

Received by: Pjoyner Date: 29 May 09
Received by LSSS: Pjoyner Date: 4 June 09
Review started: June 18, 2009 Reviewer Signature: Allison C Harvey
Total time spent on review: ____ Date review completed: ____
Copied by: ____ Date: ____
Mailed to user by: ____ Date: ____

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffin, Data Mgmt. Coordinator, Region V, ML-10C

Data received by: ____ Date: ____
Data review received by: ____ Date: ____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Date: ____