Quantitation Report (Qedit)

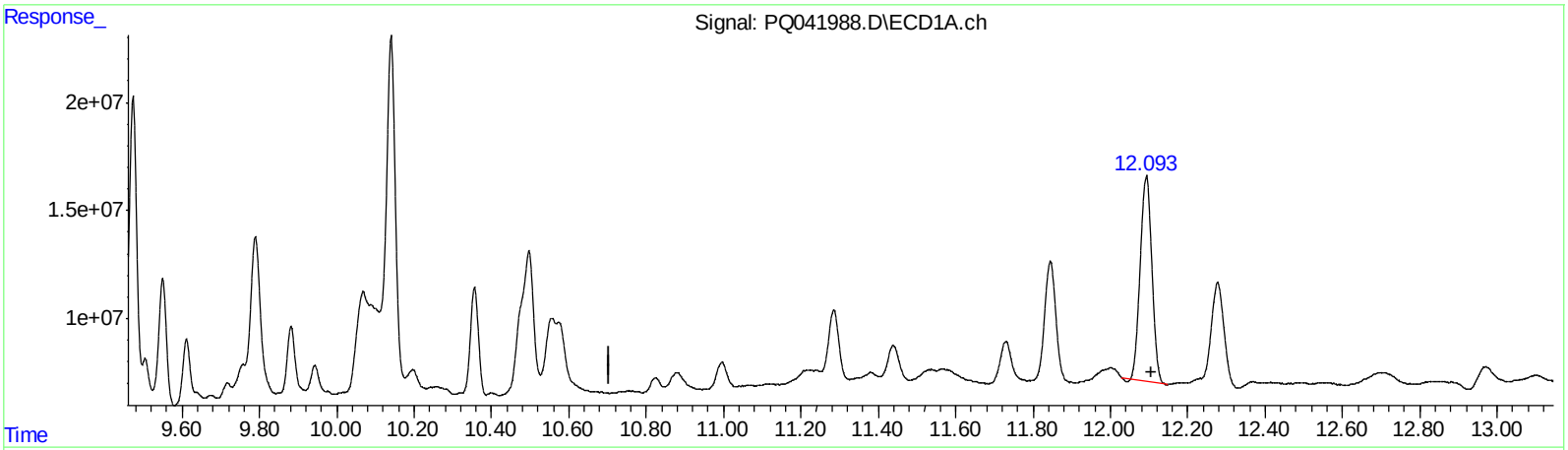
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 16:09
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

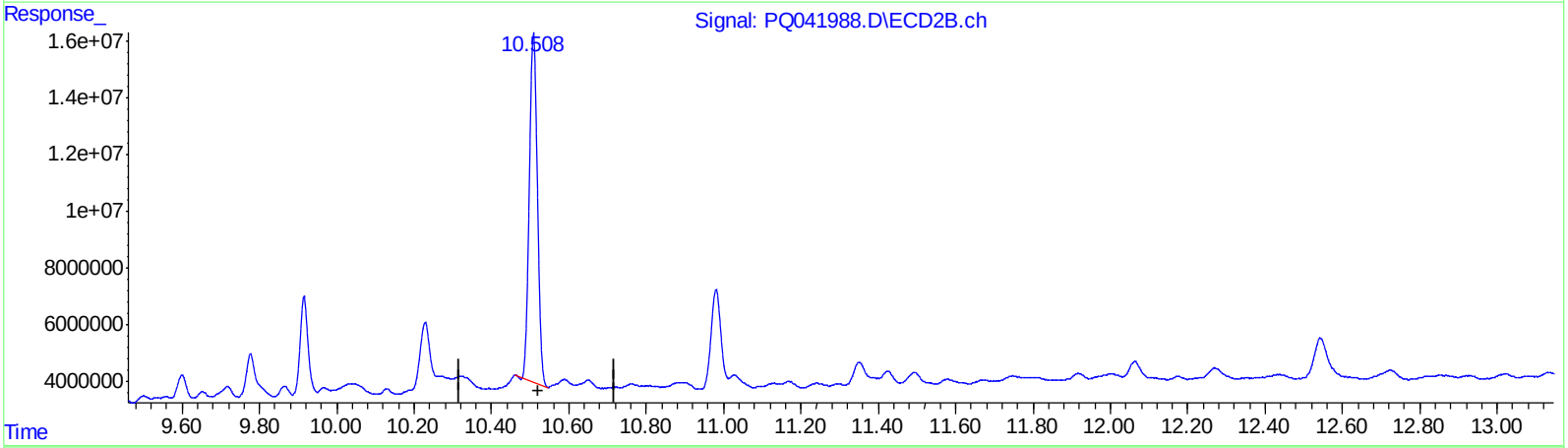
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

12.093min 23.765 ng/ml

response 200372846

(2) Decachlorobiphenyl #2 (SA)

10.509min 37.015 ng/ml

response 179055552

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 16:09
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:47 2019
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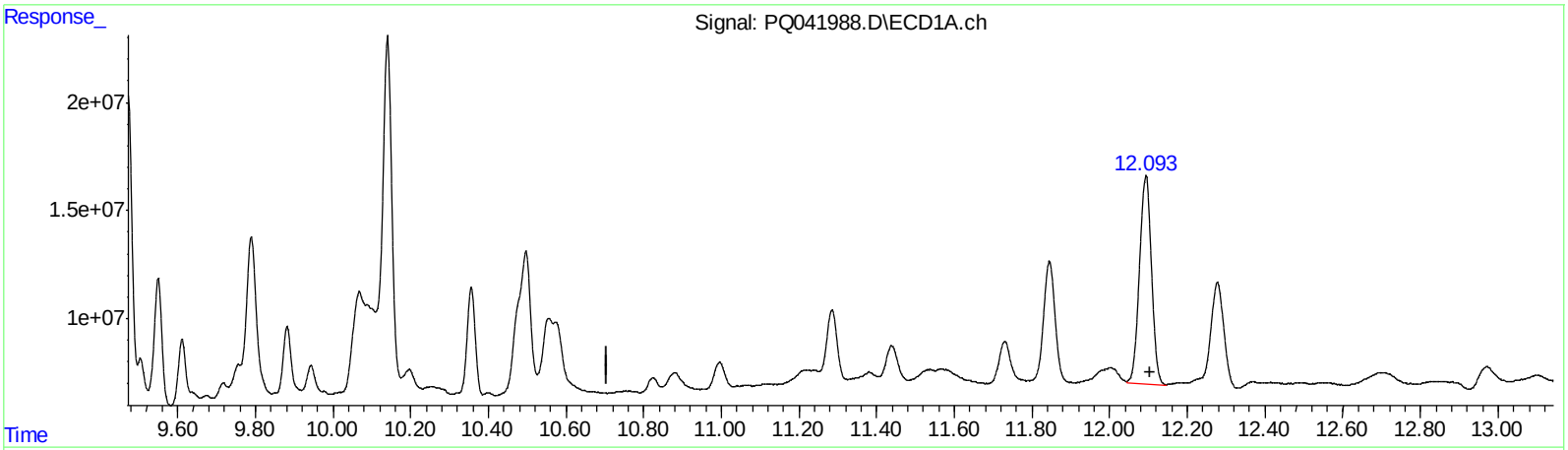
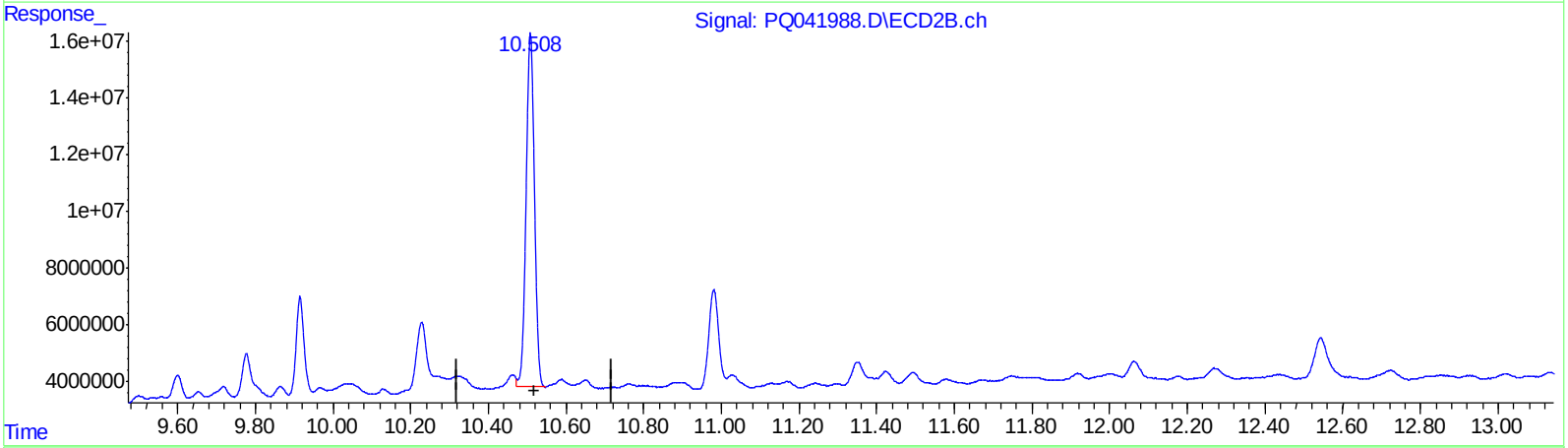
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

12.093min 24.589 ng/ml m

response 207318933

(2) Decachlorobiphenyl #2 (SA)

10.508min 38.509 ng/ml m

response 186282684

(+) = Expected Retention Time

Quantitation Report (Qedit)

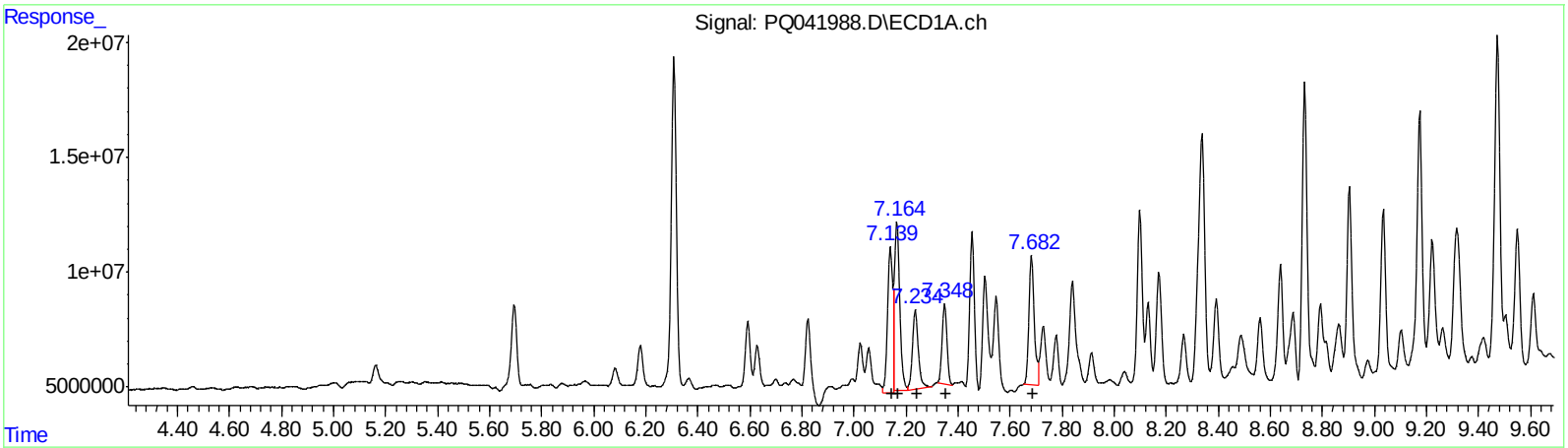
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 16:09
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

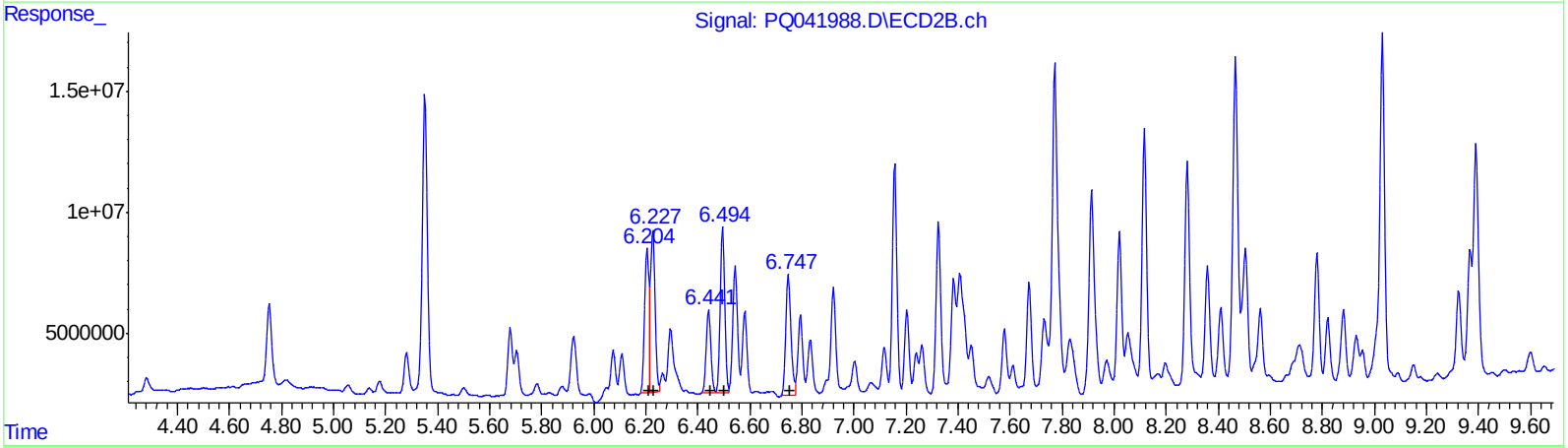
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) AR-1016-1 (L1)

R.T.	Response	Conc
7.14	84519788	781.98
7.16	109306192	698.32
7.24	54879906	567.36
7.35	45188614	579.24
7.68	79767239	1014.72

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
6.20	69306563	667.89
6.23	81675207	570.08
6.44	43462424	582.82
6.49	82986687	1338.27
6.75	69474990	853.47

(+) = Expected Retention Time

Quantitation Report (Qedit)

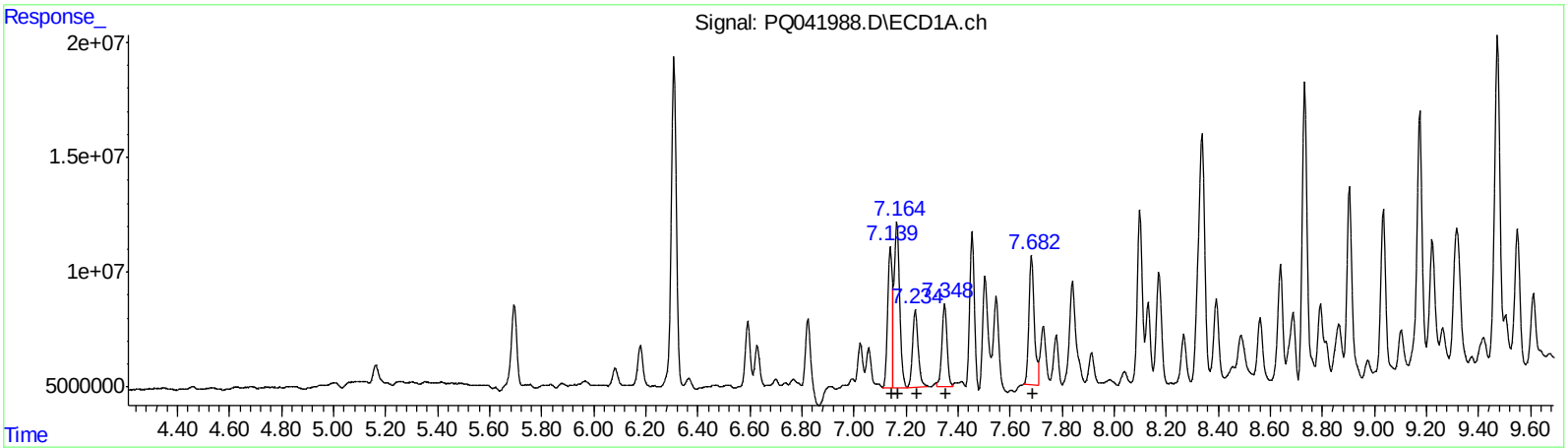
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 16:09
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

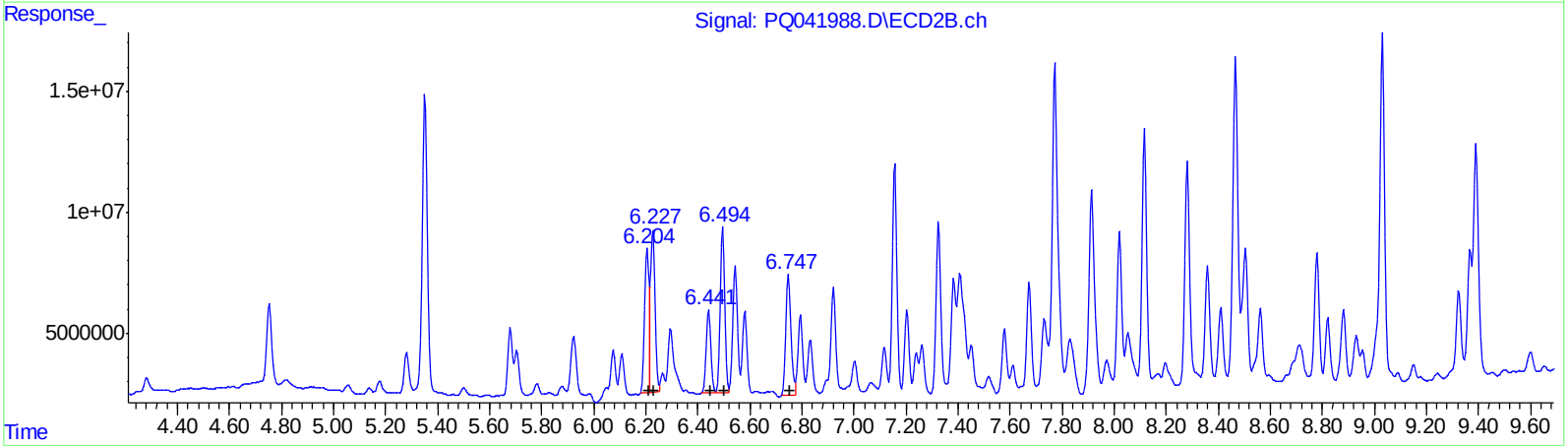
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
7.14	77056721	712.93
7.16	102879135	657.26
7.23	50936750	526.60
7.35	49030736	628.48
7.68	79767239	1014.72

(3) AR-1016-1 #2 (L1)

R.T.	Response	Conc
6.20	69306563	667.89
6.23	81675207	570.08
6.44	43462424	582.82
6.49	82986687	1338.27
6.75	69474990	853.47

(+) = Expected Retention Time

Quantitation Report (Qedit)

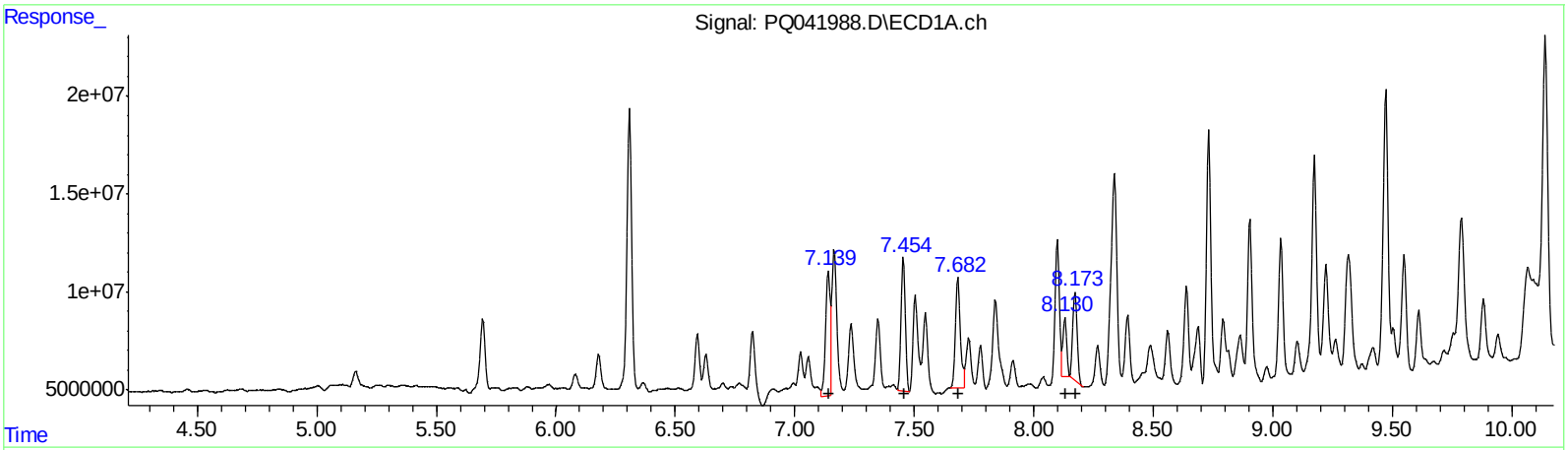
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 16:09
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

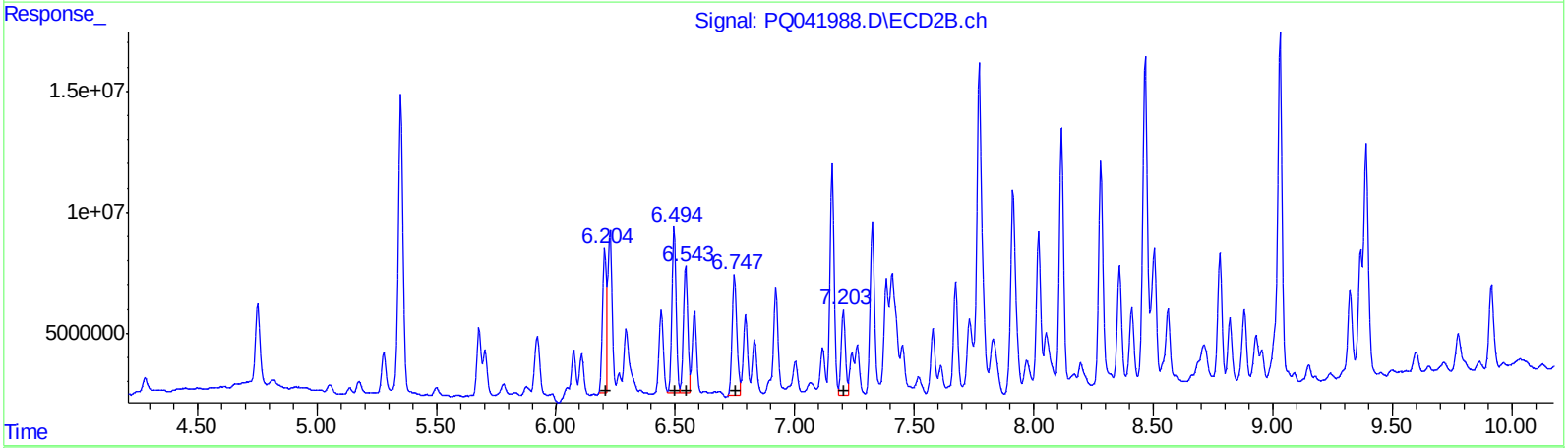
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
7.14	84519788	1140.06
7.45	85118049	922.56
7.68	79767239	711.94
8.13	24691504	157.92
8.17	58427457	386.11

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
6.20	69306563	1045.29
6.49	82986687	951.82
6.54	66718712	747.50
6.75	69474990	630.78
7.20	43872620	342.29

(+) = Expected Retention Time

Quantitation Report (Qedit)

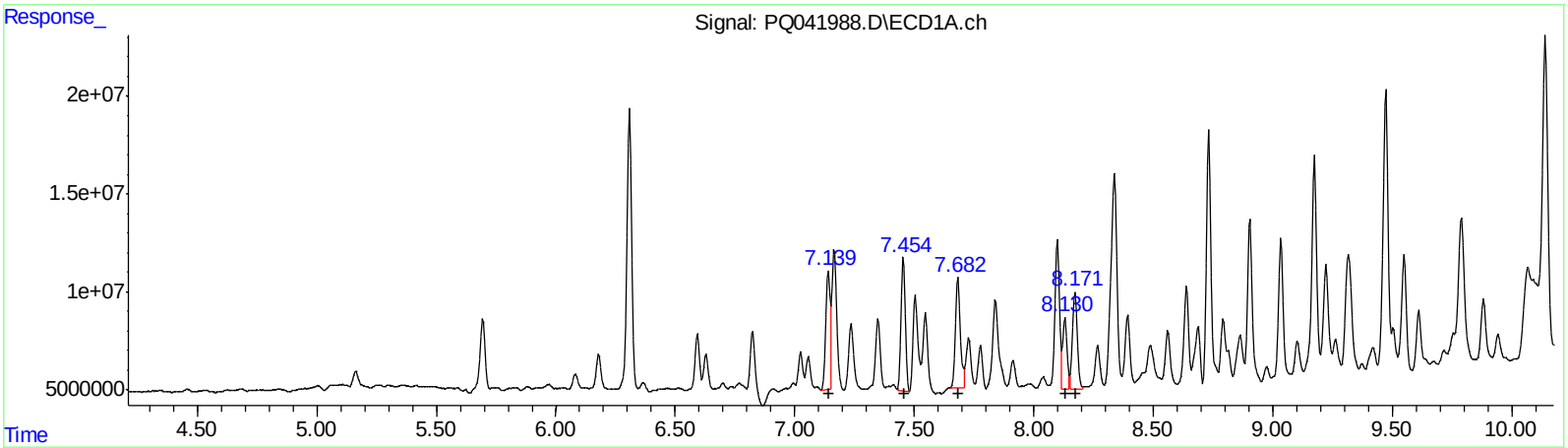
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 16:09
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

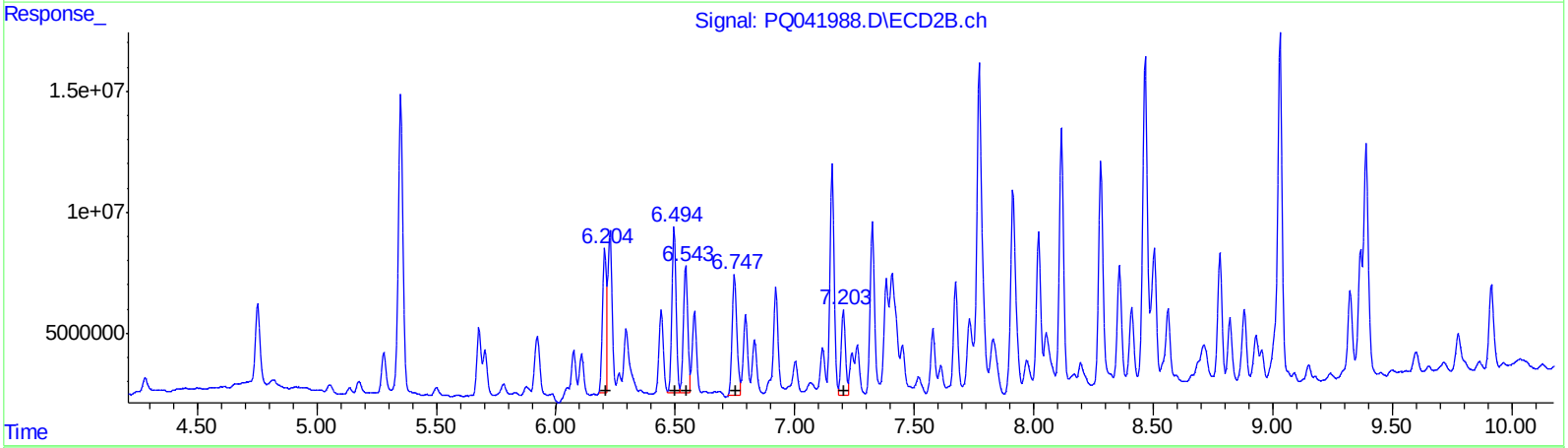
Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:16:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
7.14	78275241	1055.83
7.45	85118049	922.56
7.68	79767239	711.94
8.13	45845921	293.21
8.17	70020083	462.72

(21) AR-1248-1 #2 (L5)

R.T.	Response	Conc
6.20	69306563	1045.29
6.49	82986687	951.82
6.54	66718712	747.50
6.75	69474990	630.78
7.20	43872620	342.29

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
Data File : PQ041988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2019 16:09
Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

Integration File signal 1: autoint1.e
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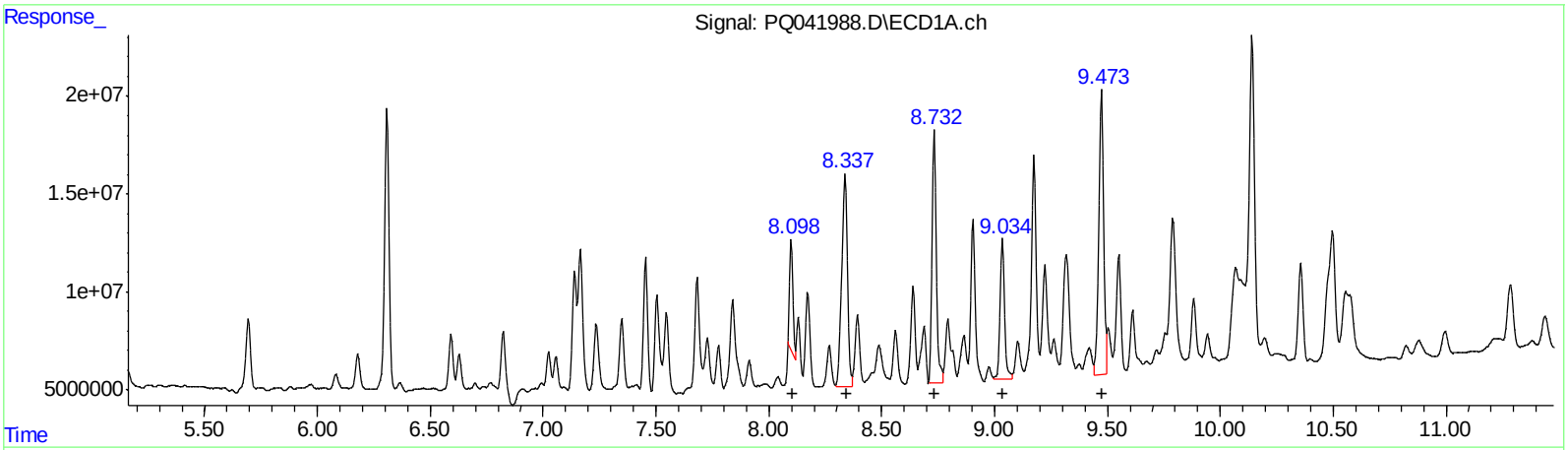
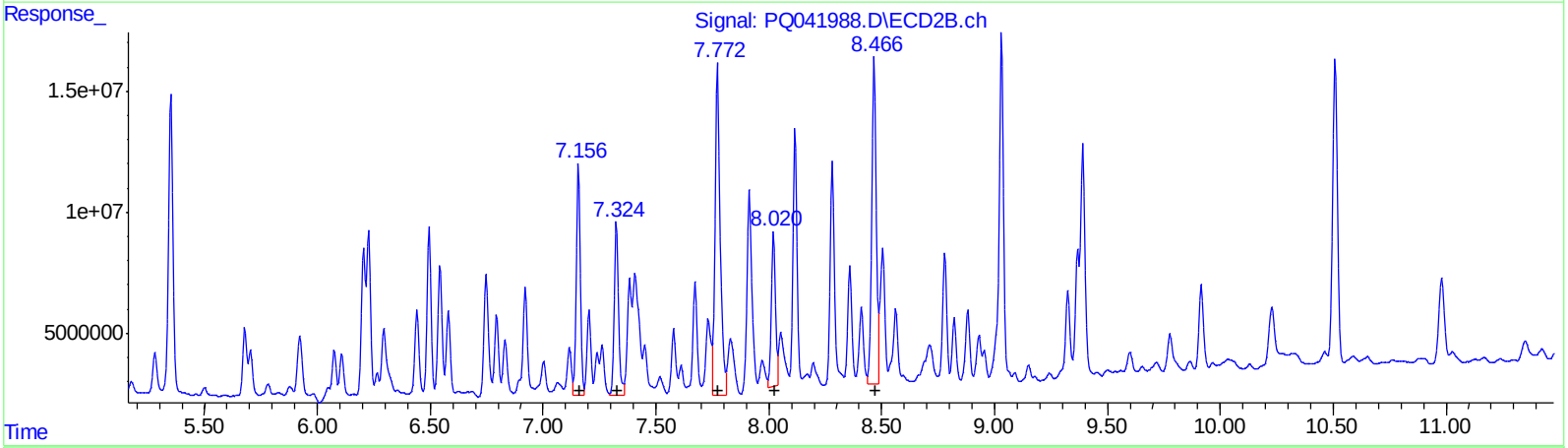
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	59724490	429.32
8.34	191166736	835.22
8.73	170968329	625.28
9.03	98506694	400.15
9.47	217005029	801.21

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
7.16	117410252	641.99
7.32	94318316	582.67
7.77	215036037	745.60
8.02	81466196	375.29
8.47	184795670	614.41

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
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Manual Integrations APPROVED
Ankita
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Integration File signal 1: autoint1.e
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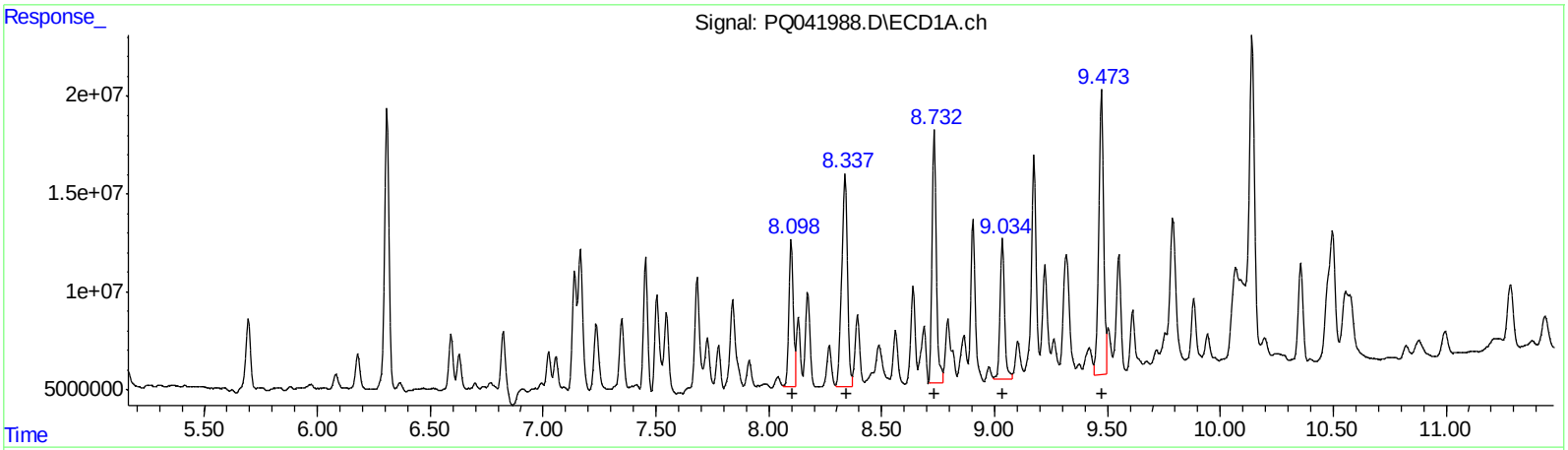
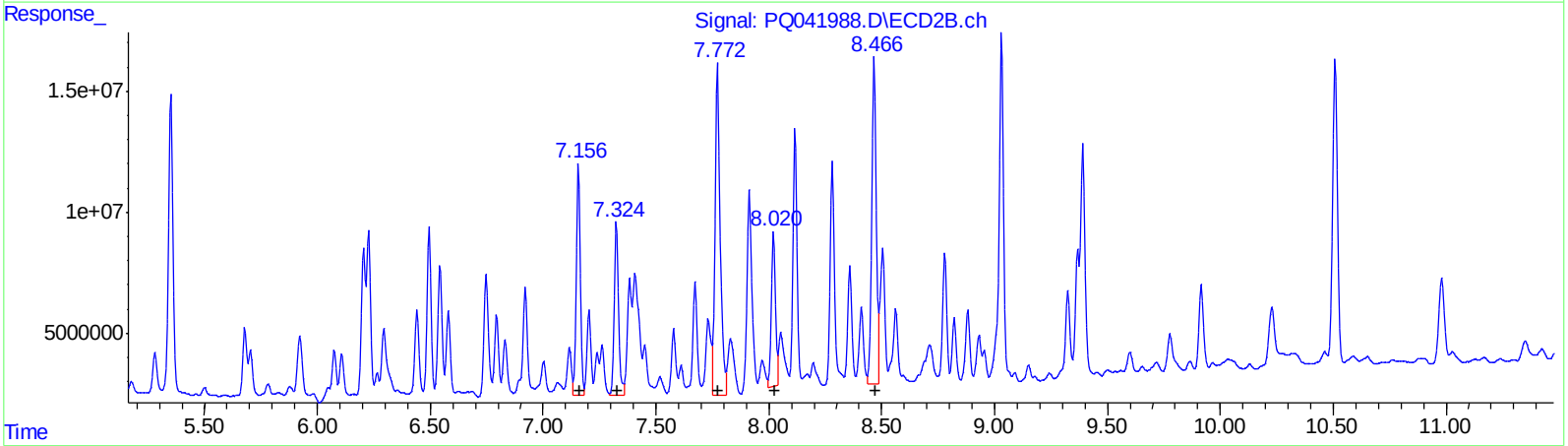
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
8.10	99426100	714.71
8.34	191166736	835.22
8.73	170968329	625.28
9.03	98506694	400.15
9.47	217005029	801.21

(26) AR-1254-1 #2 (L6)

R.T.	Response	Conc
7.16	117410252	641.99
7.32	94318316	582.67
7.77	215036037	745.60
8.02	81466196	375.29
8.47	184795670	614.41

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : SM\AJ
Sample : K4028-12MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.694	4.752	49572119	43652863	21.615	22.650
2)	SA Decachlor...	12.093	10.508	207.3E6	186.3E6	24.589m	38.509m#
	Target Compounds						
3)	L1 AR-1016-1	7.139	6.204	77056721	69306563	712.933m	667.891
4)	L1 AR-1016-2	7.164	6.227	102.9E6	81675207	657.259m	570.082
5)	L1 AR-1016-3	7.234	6.441	50936750	43462424	526.598m	582.825
6)	L1 AR-1016-4	7.348	6.495	49030736	82986687	628.485m	1338.273 #
7)	L1 AR-1016-5	7.682	6.747	79767239	69474990	1014.719	853.466
21)	L5 AR-1248-1	7.139	6.204	78275241	69306563	1055.832m	1045.287
22)	L5 AR-1248-2	7.454	6.495	85118049	82986687	922.557	951.817
23)	L5 AR-1248-3	7.682	6.543	79767239	66718712	711.945	747.501
24)	L5 AR-1248-4	8.130	6.747	45845921	69474990	293.211m	630.780 #
25)	L5 AR-1248-5	8.171	7.203	70020083	43872620	462.719m	342.288 #
26)	L6 AR-1254-1	8.098	7.156	99426100	117.4E6	714.706m	641.991
27)	L6 AR-1254-2	8.338	7.324	191.2E6	94318316	835.216	582.675 #
28)	L6 AR-1254-3	8.732	7.772	171.0E6	215.0E6	625.280	745.599
29)	L6 AR-1254-4	9.034	8.020	98506694	81466196	400.149	375.295
30)	L6 AR-1254-5	9.473	8.466	217.0E6	184.8E6	801.214	614.412
31)	L7 AR-1260-1	8.904	7.913	111.2E6	127.8E6	625.094	704.195
32)	L7 AR-1260-2	9.174	8.116	168.0E6	125.8E6	665.923	512.627
33)	L7 AR-1260-3	9.550	8.281	88736729	124.1E6	387.270	583.013 #
34)	L7 AR-1260-4	9.789	8.779	159.1E6	70277507	623.266	347.411 #
35)	L7 AR-1260-5	10.140	9.031	305.4E6	206.2E6	453.386	349.376

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

Instrument :
ECD_Q
ClientSampleId :
BENZ2MSD

Manual Integrations APPROVED
Ankita
8/5/2019 2:42:34 PM

AJ
08/12/19