Quantitation Report (Qedit)

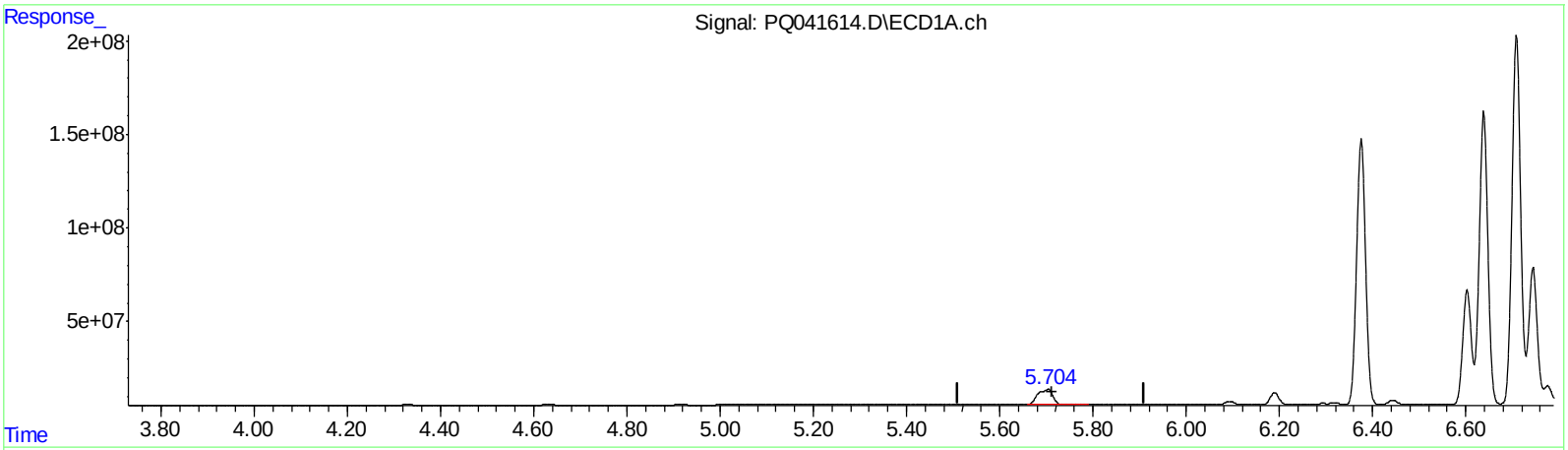
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

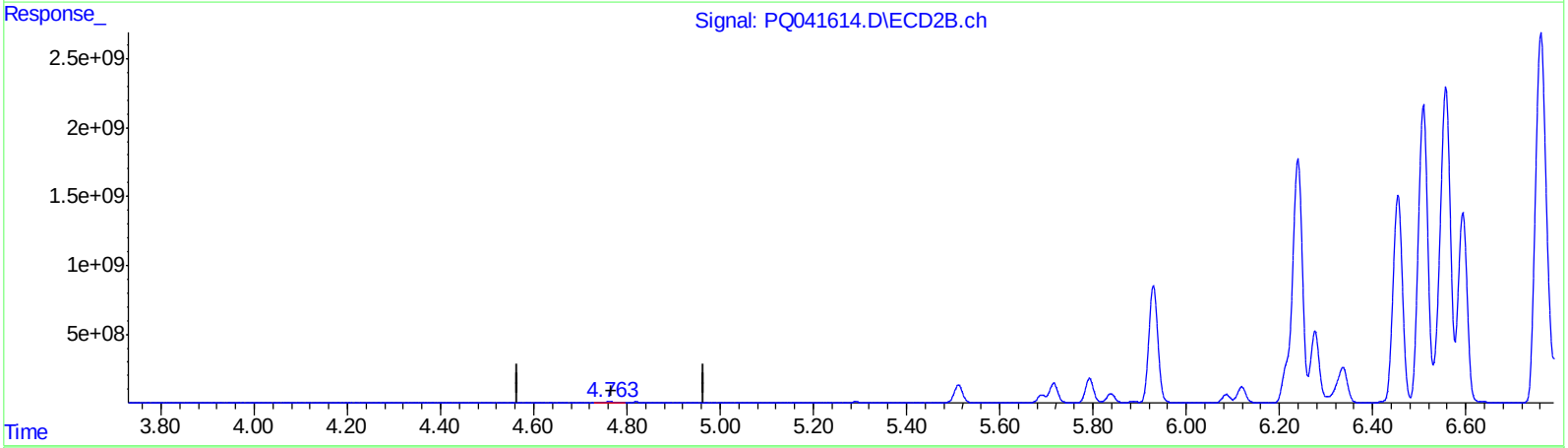
Instrument :
ECD_Q
ClientSampleId :
ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

(1) Tetrachloro-m-xylene (SA)

5.704min 48.153 ng/ml

response 184336134

(1) Tetrachloro-m-xylene #2 (SA)

4.763min 28.535 ng/ml

response 85778429

(+) = Expected Retention Time

Quantitation Report (Qedit)

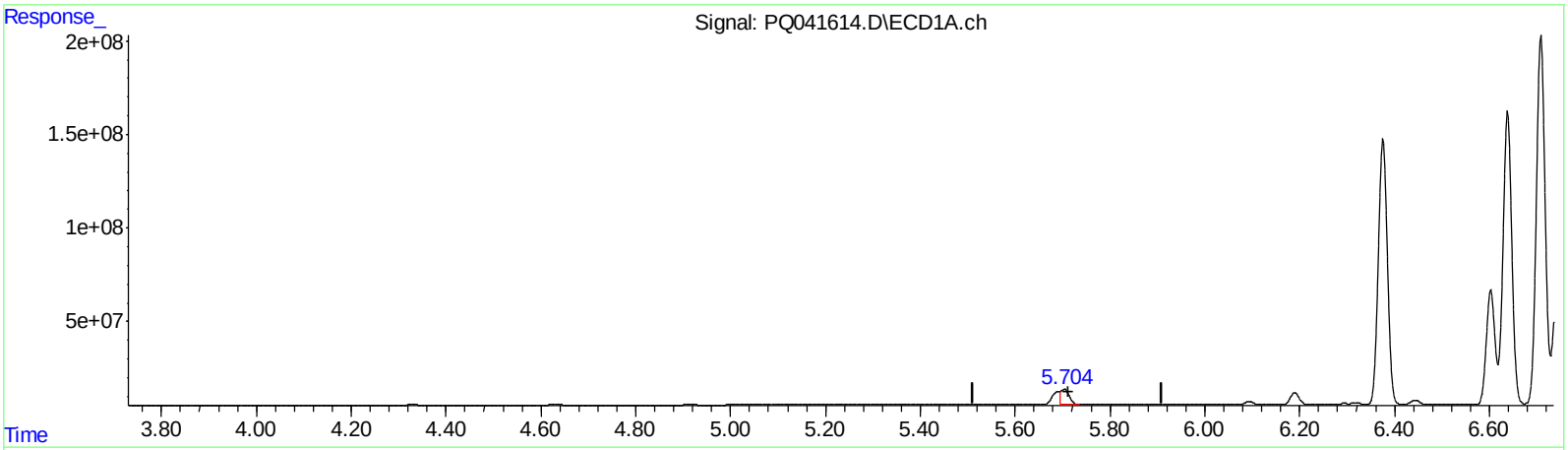
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

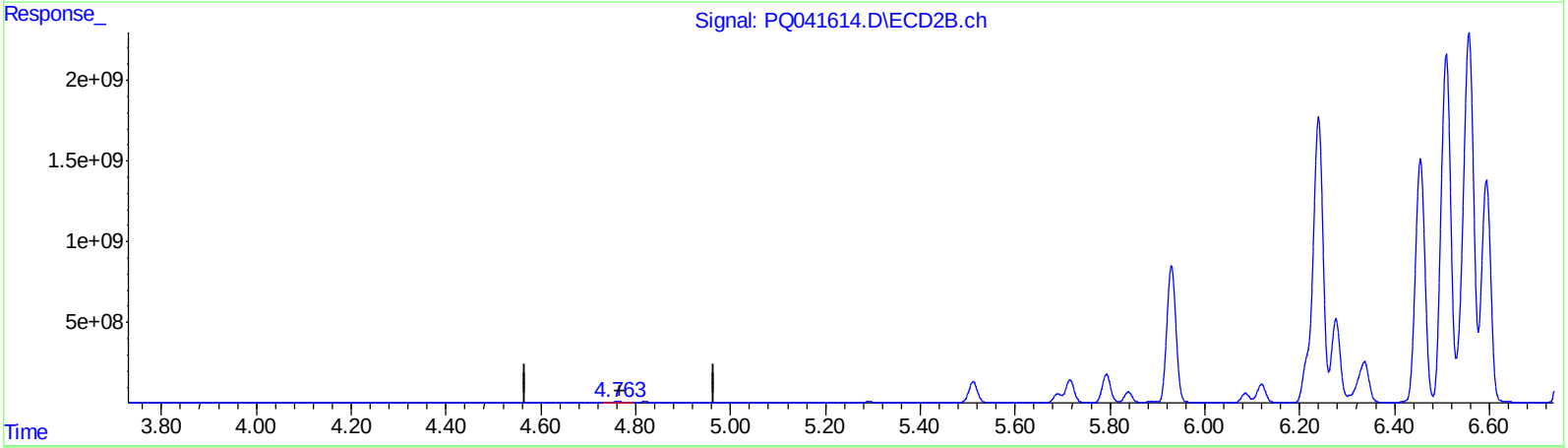
Instrument :
ECD_Q
ClientSampleId :
ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

(1) Tetrachloro-m-xylene (SA)

5.704min 26.389 ng/ml m

response 101020013

(1) Tetrachloro-m-xylene #2 (SA)

4.763min 28.535 ng/ml

response 85778429

(+) = Expected Retention Time

Quantitation Report (Qedit)

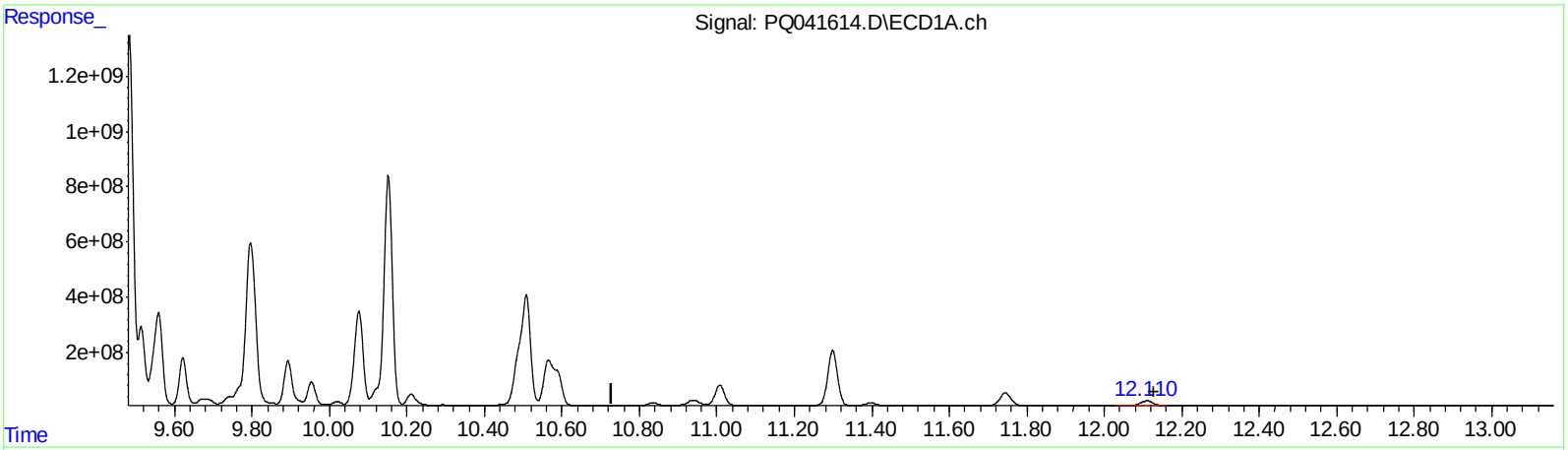
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

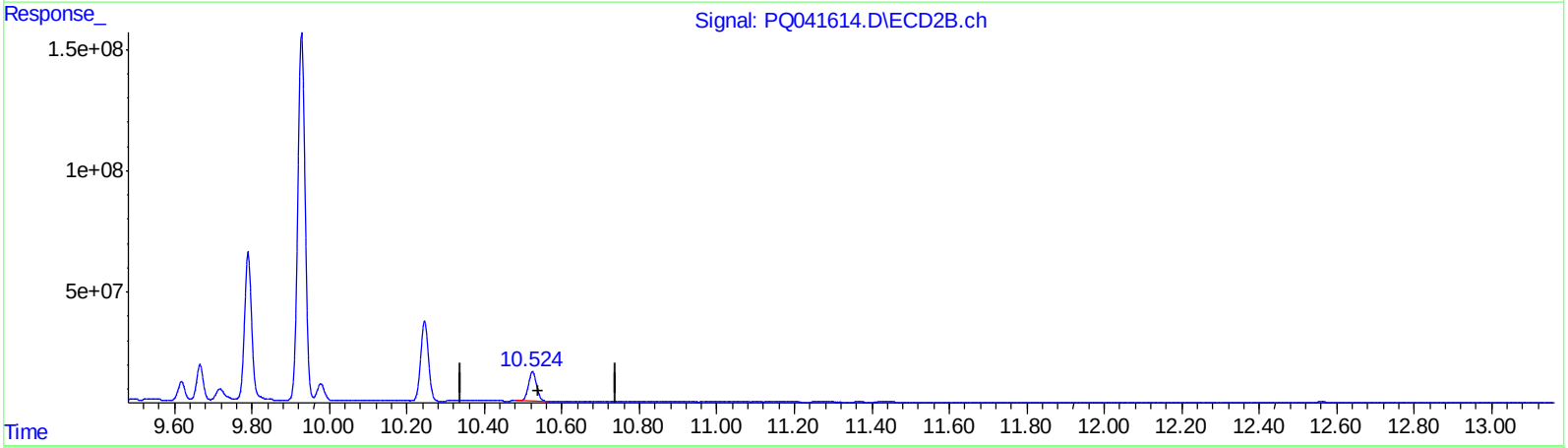
Instrument :
ECD_Q
ClientSampleId :
ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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)

12.110min 34.475 ng/ml

response 356604911

(2) Decachlorobiphenyl #2 (SA)

10.524min 38.060 ng/ml

response 173430941

(+) = Expected Retention Time

Quantitation Report (Qedit)

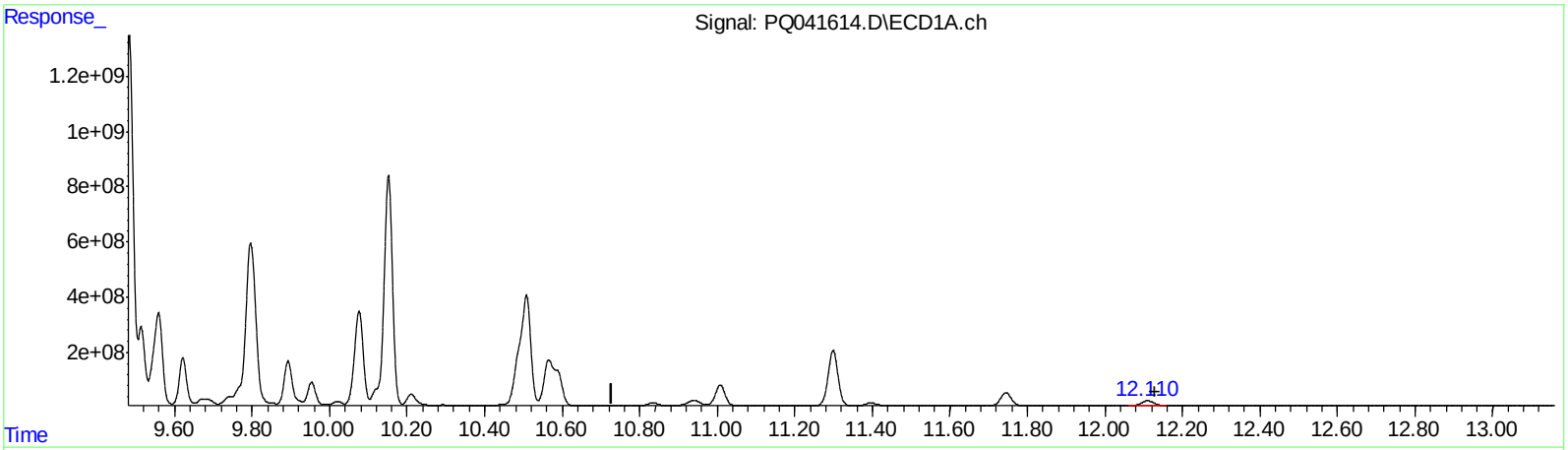
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

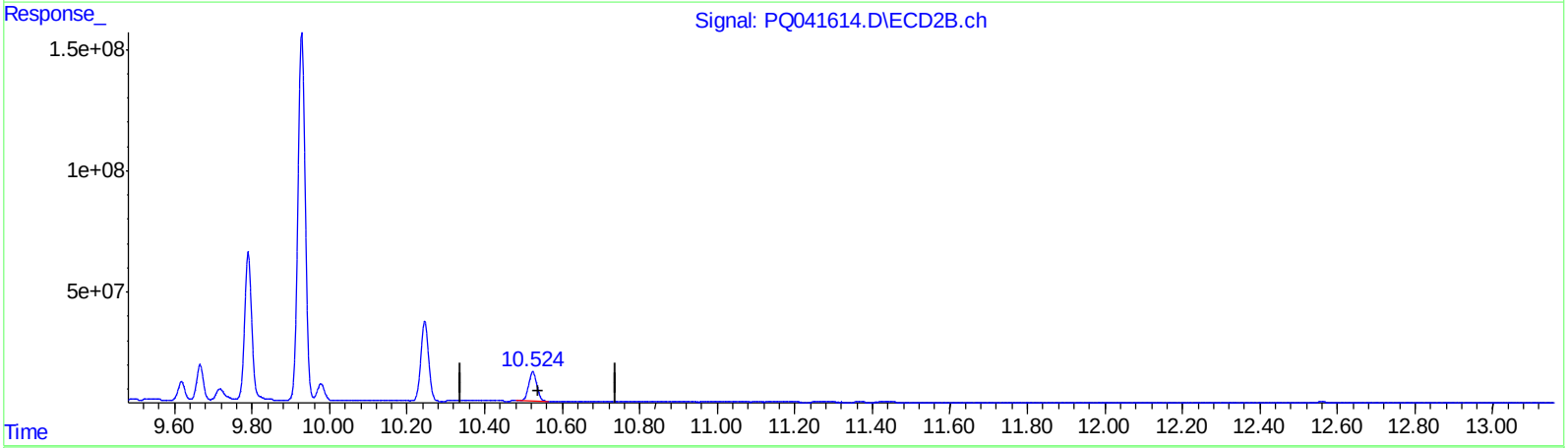
Instrument :
ECD_Q
ClientSampleId :
ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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)

12.110min 35.510 ng/ml m

response 367309225

(2) Decachlorobiphenyl #2 (SA)

10.524min 38.060 ng/ml

response 173430941

(+) = Expected Retention Time

Quantitation Report (Qedit)

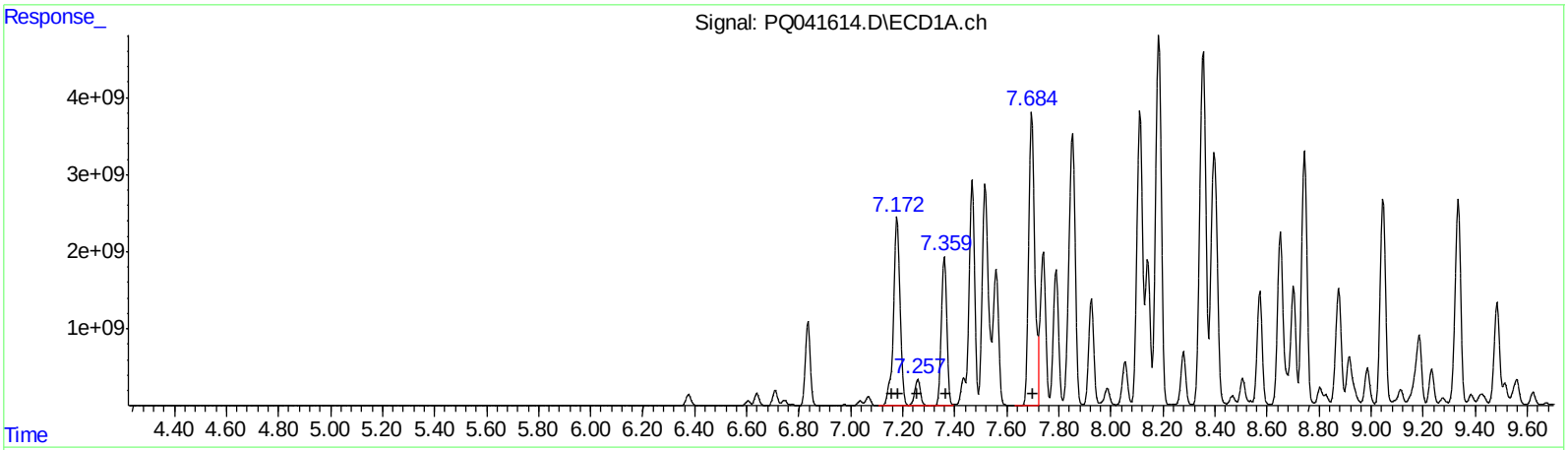
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

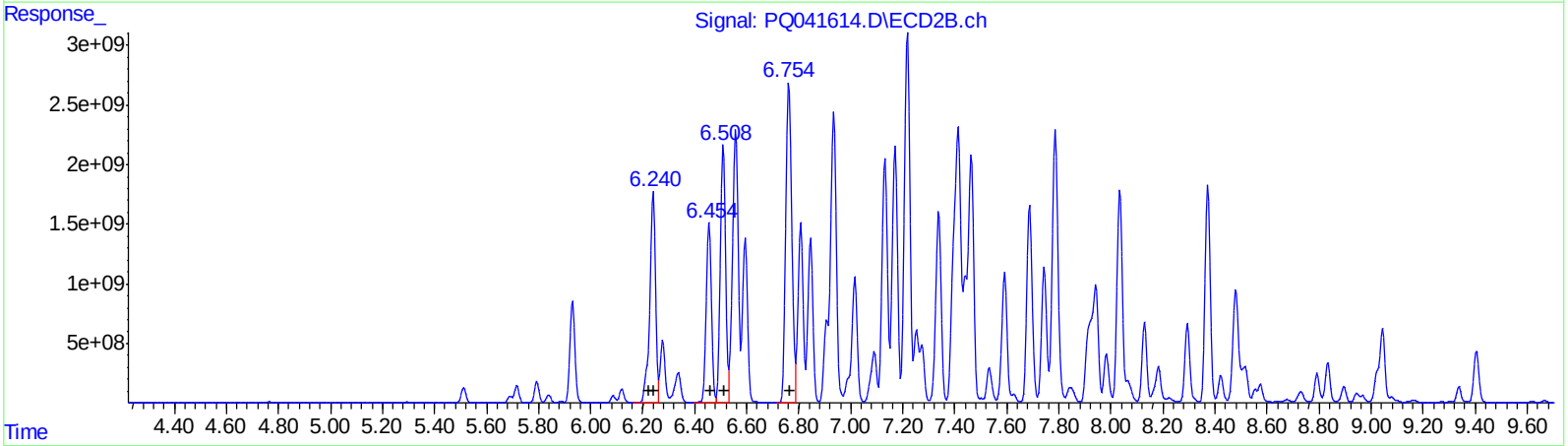
Instrument : ECD_Q
ClientSampleId : ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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
7.18	41695380263	238898.03
7.18	41695380263	158103.79
7.26	5059654375	31276.17
7.36	28527250406	211675.33
7.70	46811029817	351777.74

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

R.T.	Response	Conc
6.24	27365297642	187032.84
6.24	27365297642	131474.24
6.45	21309523261	188736.79
6.51	30402716225	333490.15
6.76	40363205848	335854.45

(+) = Expected Retention Time

Quantitation Report (Qedit)

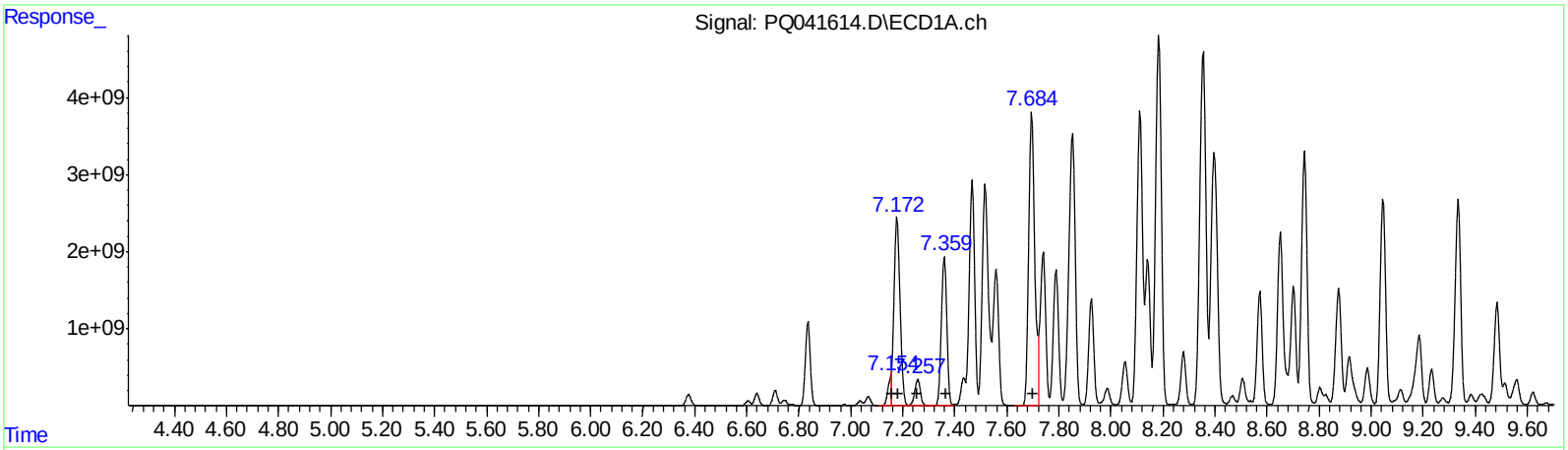
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

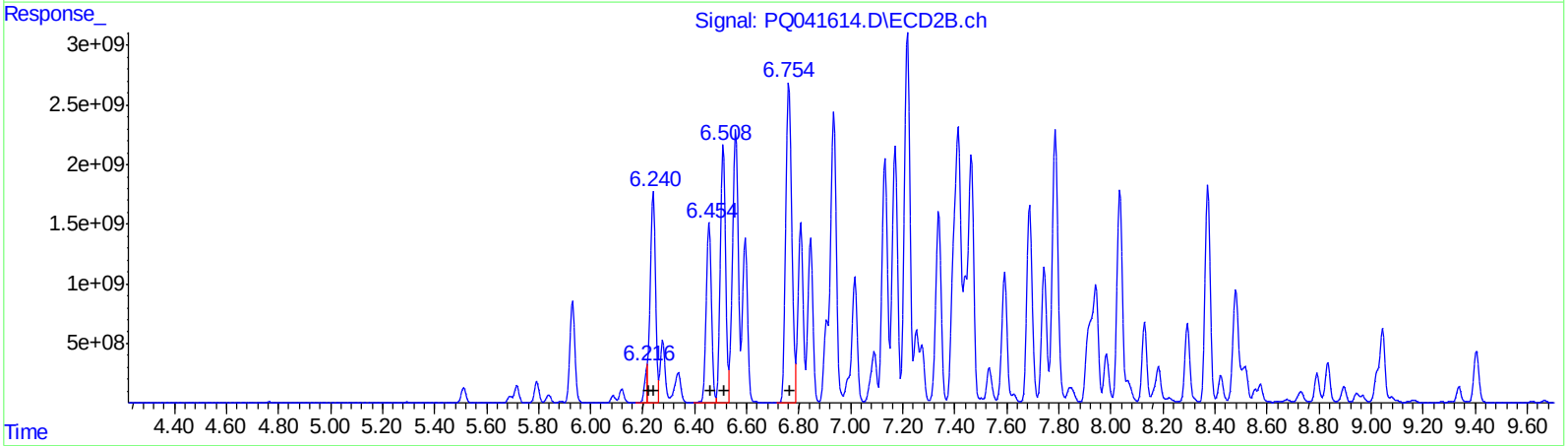
Instrument :
ECD_Q
ClientSampleId :
ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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
7.15	2921789430	16740.70
7.17	38242453937	145010.72
7.26	5059654375	31276.17
7.36	28527250406	211675.33
7.70	46811029817	351777.74

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

R.T.	Response	Conc
6.22	1951402953	13337.20
6.24	25367934574	121878.08
6.45	21309523261	188736.79
6.51	30402716225	333490.15
6.76	40363205848	335854.45

(+) = Expected Retention Time

Quantitation Report (Qedit)

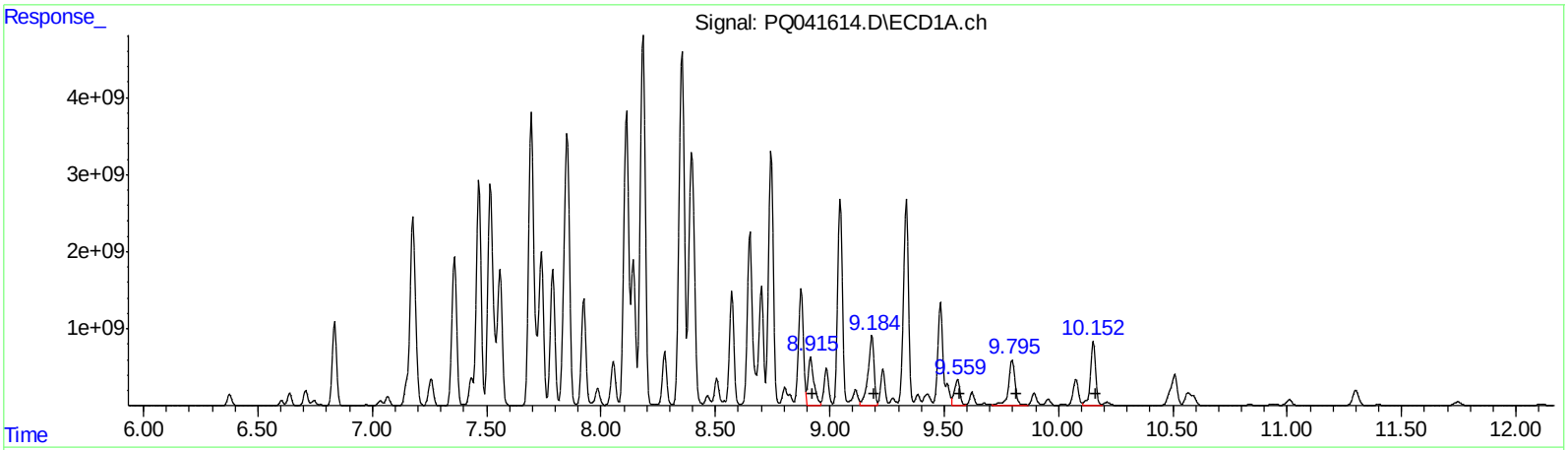
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

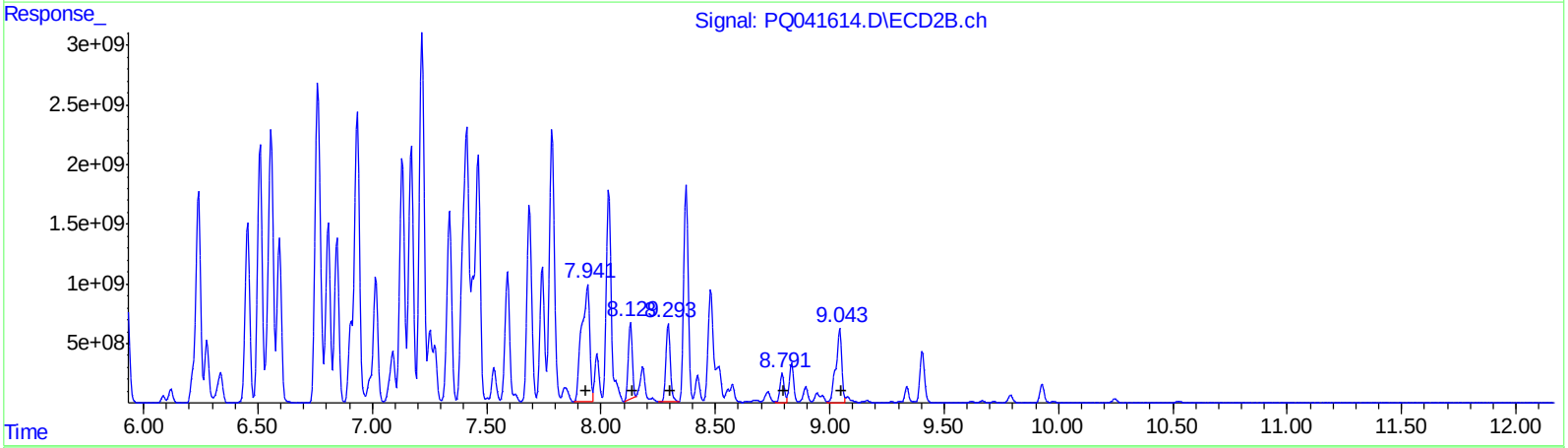
Instrument :
ECD_Q
ClientSampleId :
ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.92	11000349100	36411.36
9.18	16361875617	35695.89
9.56	5727897554	13490.45
9.80	11845188199	28139.32
10.15	13039906422	12202.97

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
7.94	24095172694	90598.86
8.13	7772244462	21420.01
8.29	8773651102	27939.65
8.79	3046972115	10703.16
9.04	11038130129	14844.51

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
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Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
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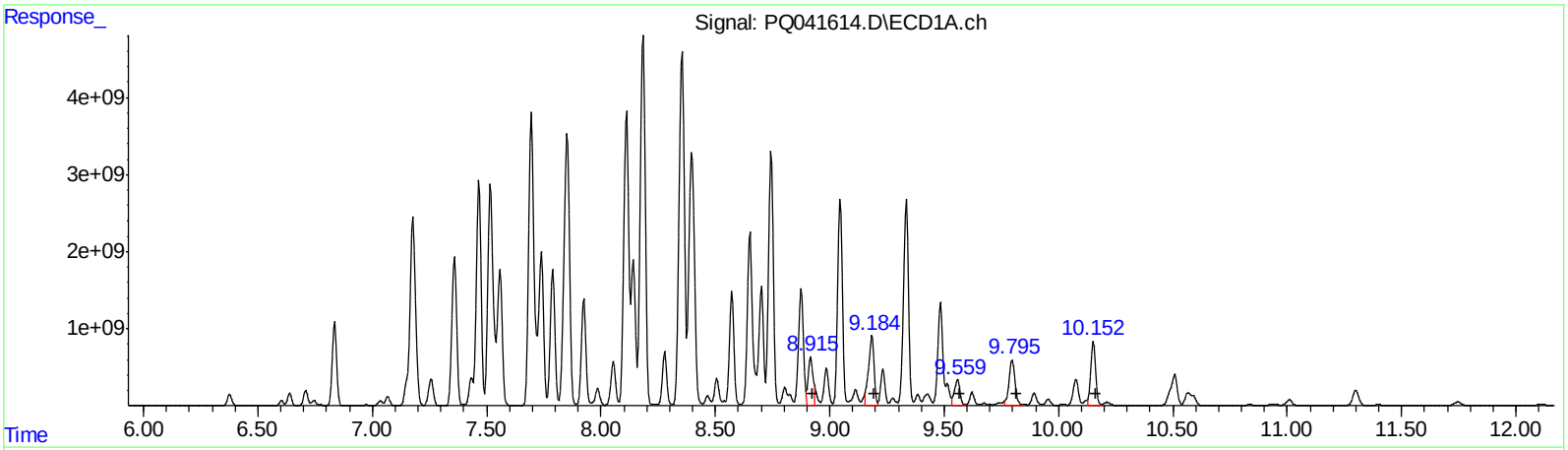
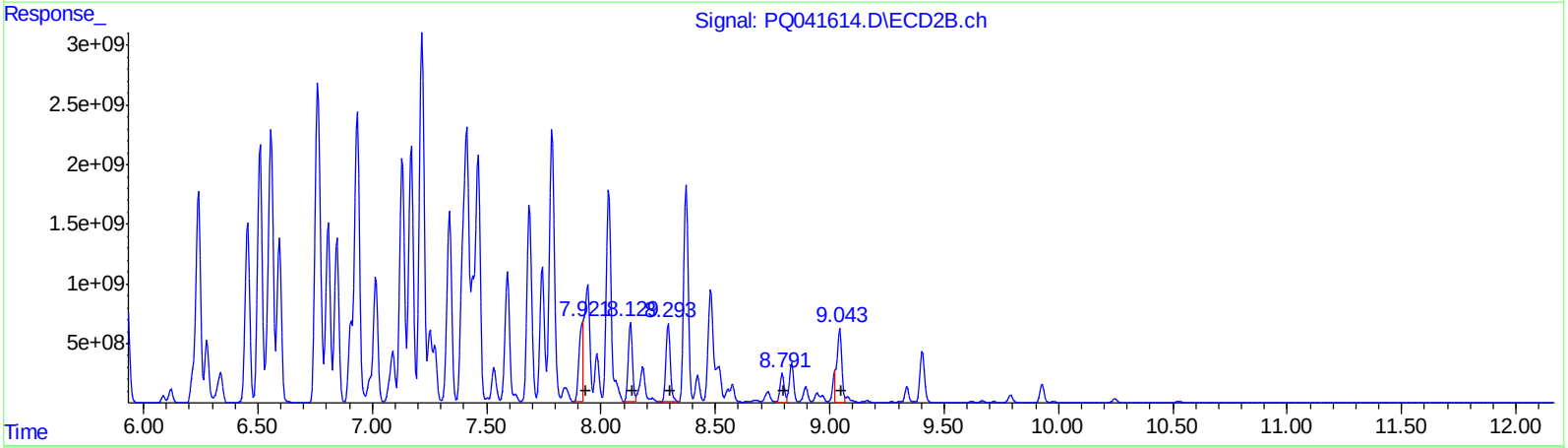
Integrator: ChemStation

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

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
8.92	9456996447	31302.83
9.18	15231380299	33229.55
9.56	5727897554	13490.45
9.80	10725264873	25478.84
10.15	12254725300	11468.19

(31) AR-1260-1 #2 (L7)

R.T.	Response	Conc
7.92	7549598384	28386.81
8.13	8290212060	22847.51
8.29	8773651102	27939.65
8.79	3046972115	10703.16
9.04	8971999871	12065.89

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2019 18:13
Operator : SM\AJ
Sample : K4023-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : ETNK7MSD

Manual Integrations APPROVED
Ankita
7/30/2019 9:52:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 00:18:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.704	4.763	101.0E6	85778429	26.389m	28.535
2)	SA Decachlor...	12.110	10.524	367.3E6	173.4E6	35.510m	38.060
	Target Compounds						
3)	L1 AR-1016-1	7.154	6.216	2921.8E6	1951.4E6	16740.697m	13337.200m
4)	L1 AR-1016-2	7.172	6.240	38242.5E6	25367.9E6	145010.718m	121878.079m
5)	L1 AR-1016-3	7.257	6.455	5059.7E6	21309.5E6	31276.169	188736.792 #
6)	L1 AR-1016-4	7.359	6.509	28527.3E6	30402.7E6	211675.327	333490.154 #
7)	L1 AR-1016-5	7.701	6.765	46811.0E6	40363.2E6	351777.743	335854.449
21)	L5 AR-1248-1	7.178	6.240	41695.4E6	27365.3E6	449505.410	340711.406
22)	L5 AR-1248-2	7.470	6.509	37617.3E6	30402.7E6	305687.763	271416.527
23)	L5 AR-1248-3	7.701	6.557	46811.0E6	34767.0E6	298091.995	301202.171
24)	L5 AR-1248-4	8.141	6.765	24413.9E6	40363.2E6	113022.517	278836.372 #
25)	L5 AR-1248-5	8.191	7.221	47696.3E6	39450.8E6	223969.276	234432.976
31)	L7 AR-1260-1	8.915	7.921	9457.0E6	7549.6E6	31302.831m	28386.807m
32)	L7 AR-1260-2	9.184	8.129	15231.4E6	8290.2E6	33229.549m	22847.514m#
33)	L7 AR-1260-3	9.559	8.293	5727.9E6	8773.7E6	13490.447	27939.647 #
34)	L7 AR-1260-4	9.795	8.791	10725.3E6	3047.0E6	25478.839m	10703.156 #
35)	L7 AR-1260-5	10.152	9.043	12254.7E6	8972.0E6	11468.187m	12065.893m

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

AJ
07/31/19