Quantitation Report (Qedit)

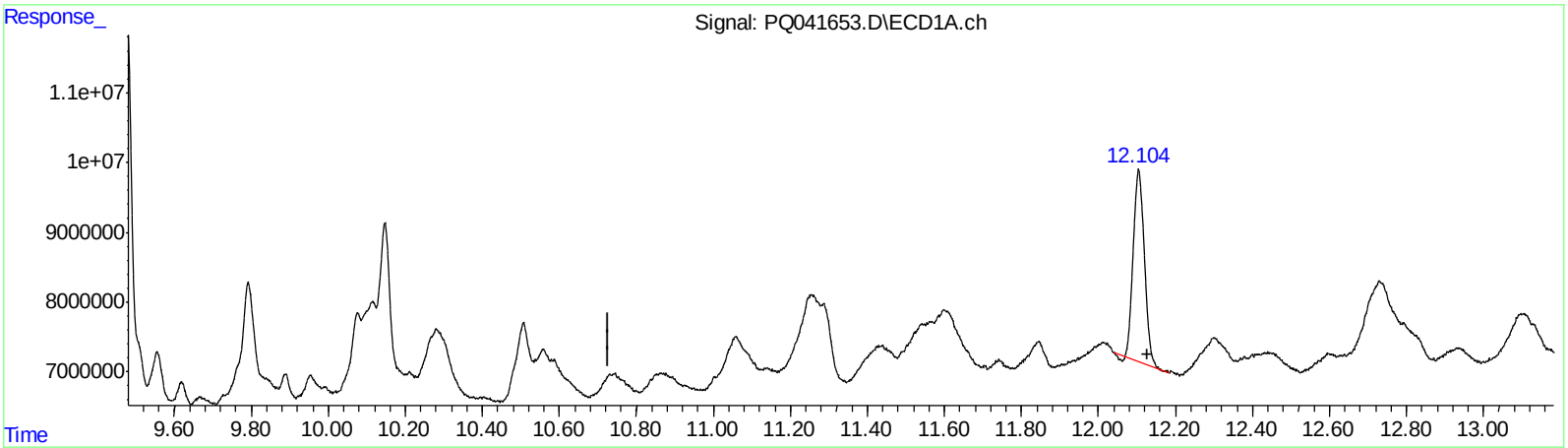
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

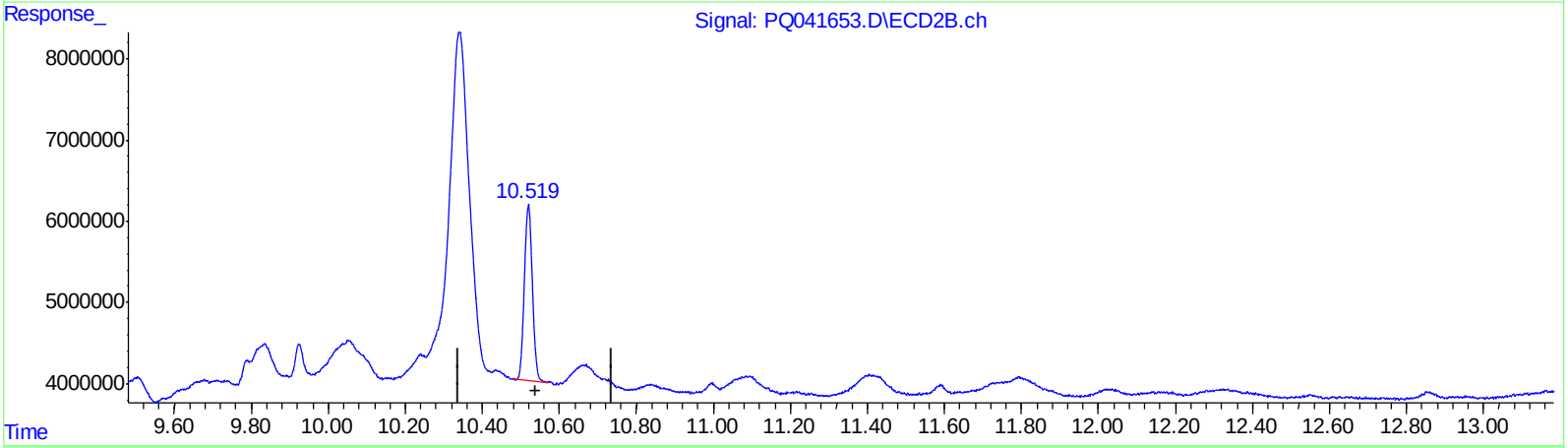
Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 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)

12.105min 5.388 ng/ml

response 55733217

(2) Decachlorobiphenyl #2 (SA)

10.520min 6.823 ng/ml

response 31092037

(+) = Expected Retention Time

Quantitation Report (Qedit)

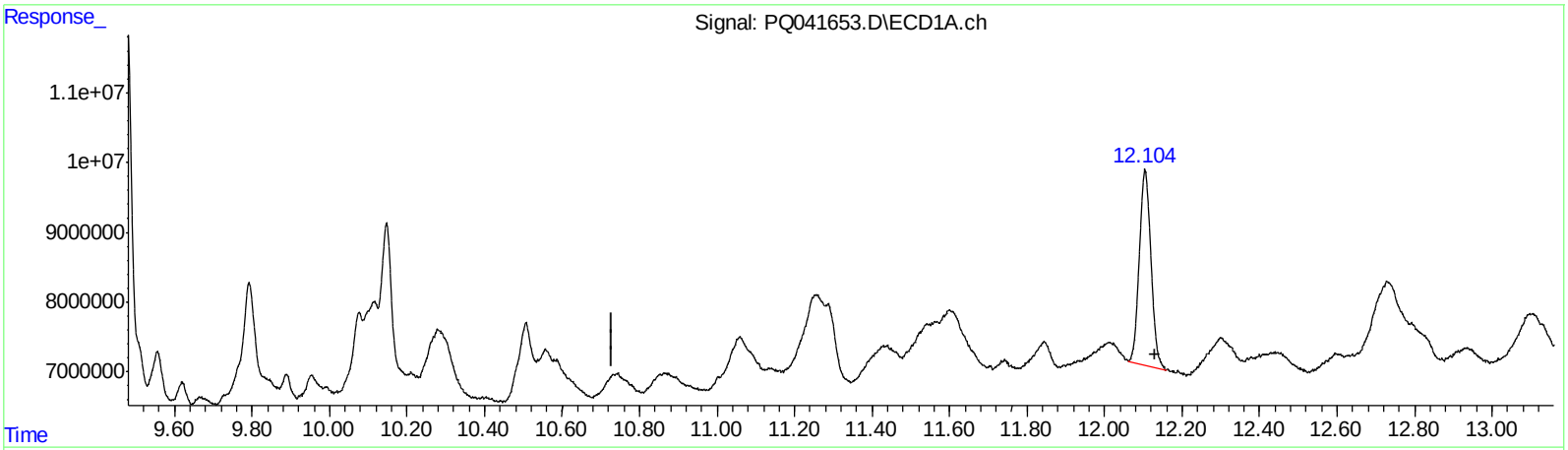
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

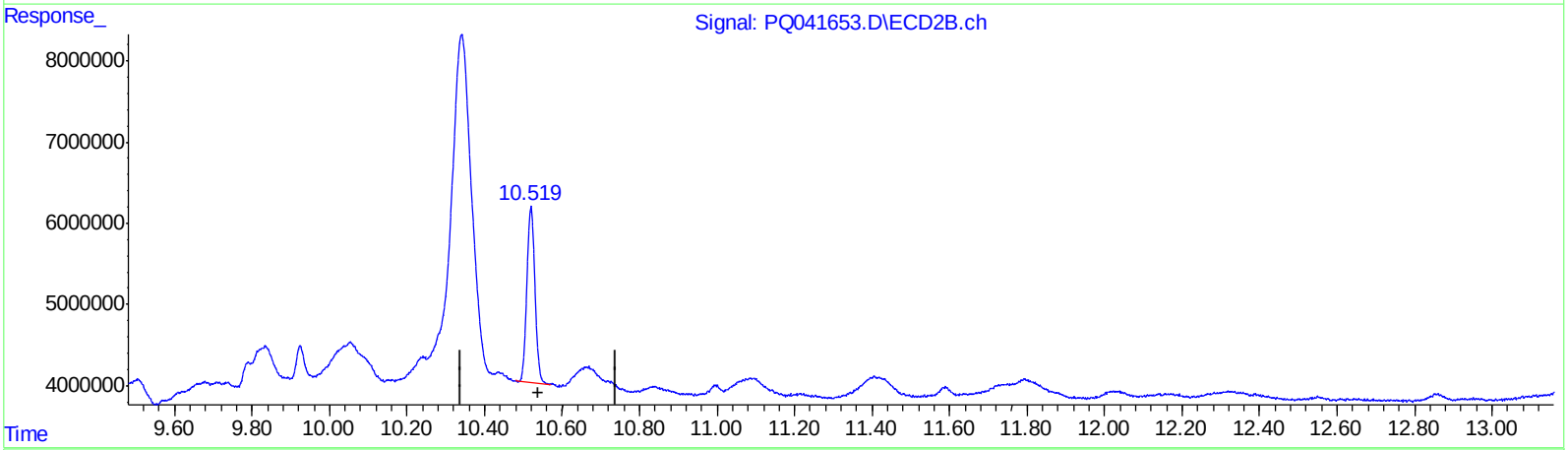
Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 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)

12.104min 5.661 ng/ml m

response 58556022

(2) Decachlorobiphenyl #2 (SA)

10.520min 6.823 ng/ml

response 31092037

(+) = Expected Retention Time

Quantitation Report (Qedit)

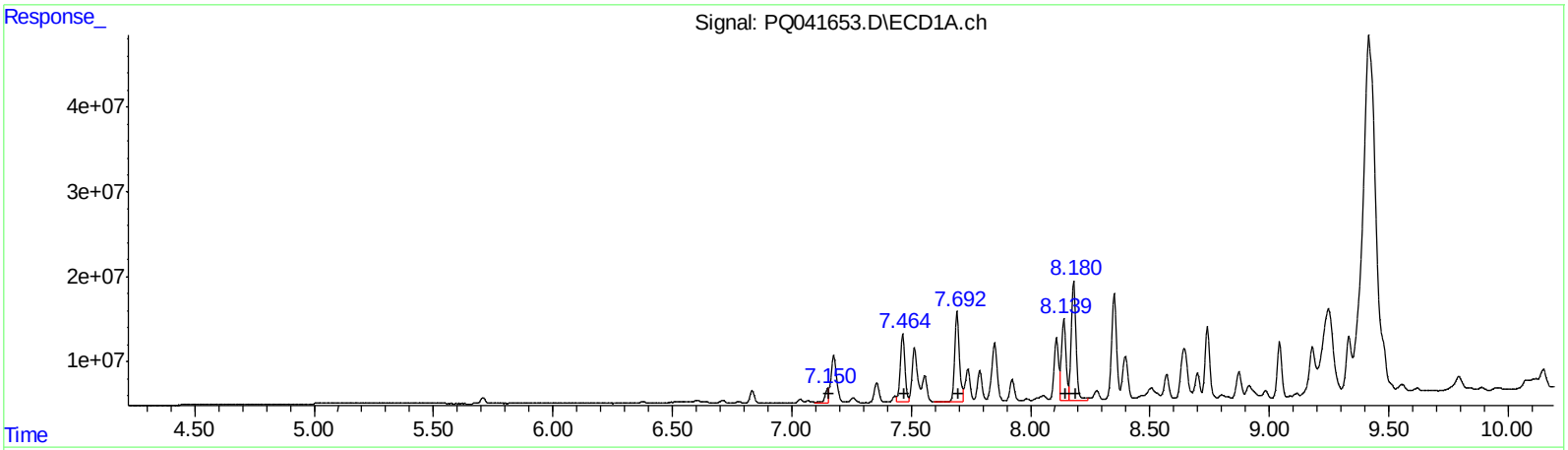
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

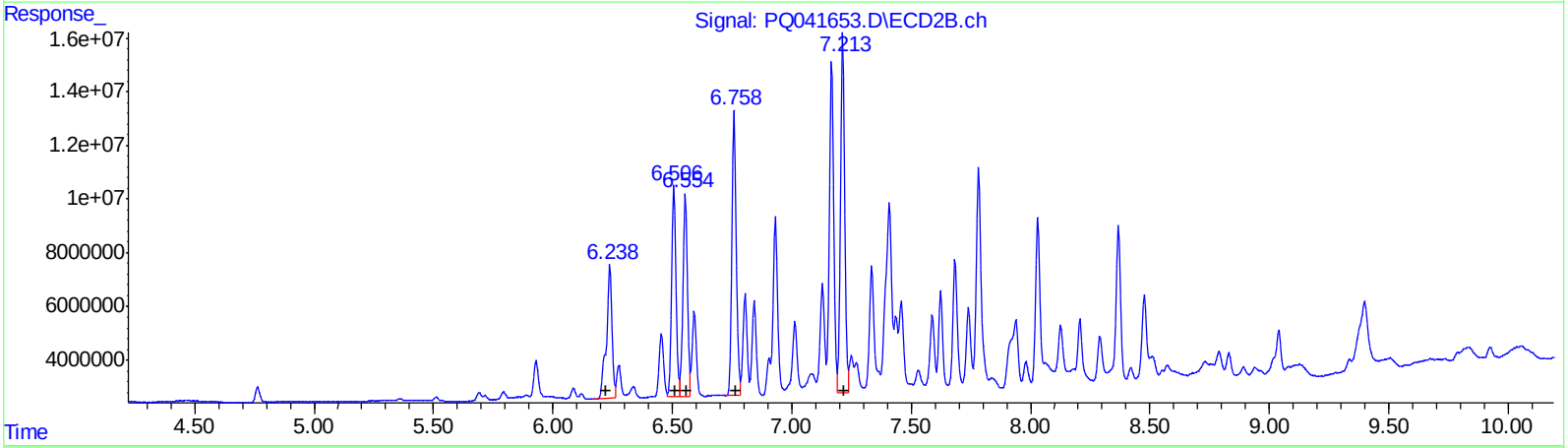
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM





QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
7.15	18761336	202.26
7.46	108657089	882.97
7.69	144952107	923.05
8.14	126604565	586.11
8.18	196548620	922.94

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

R.T.	Response	Conc
6.24	80636730	1003.97
6.51	99663753	889.74
6.55	99561324	862.54
6.76	135026314	932.79
7.21	164246288	976.02

(+) = Expected Retention Time

Quantitation Report (Qedit)

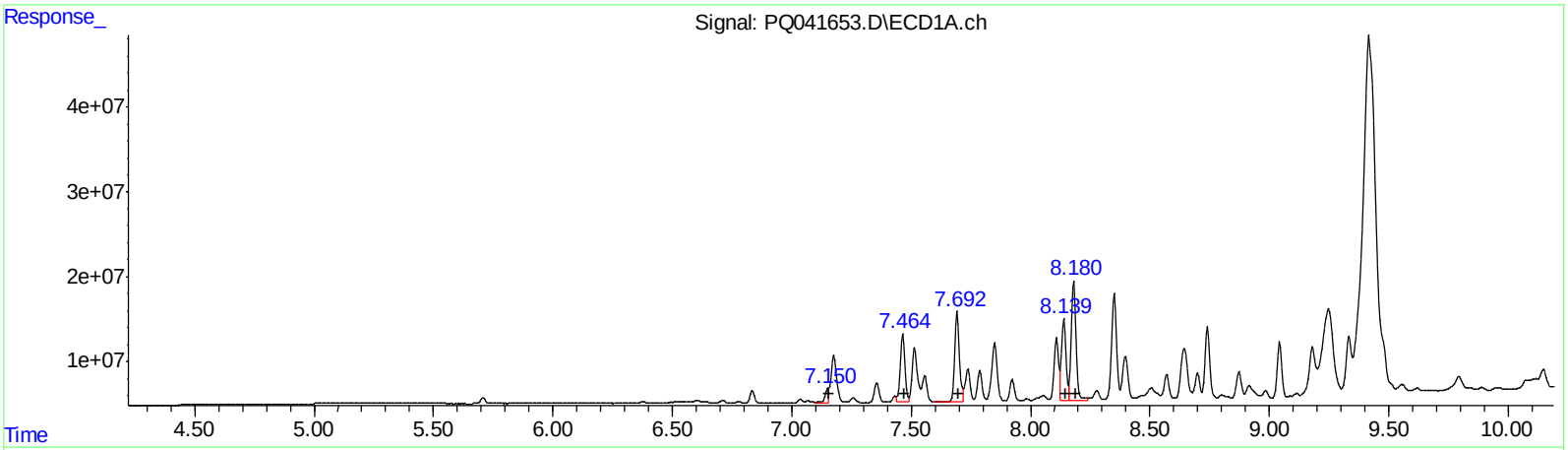
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

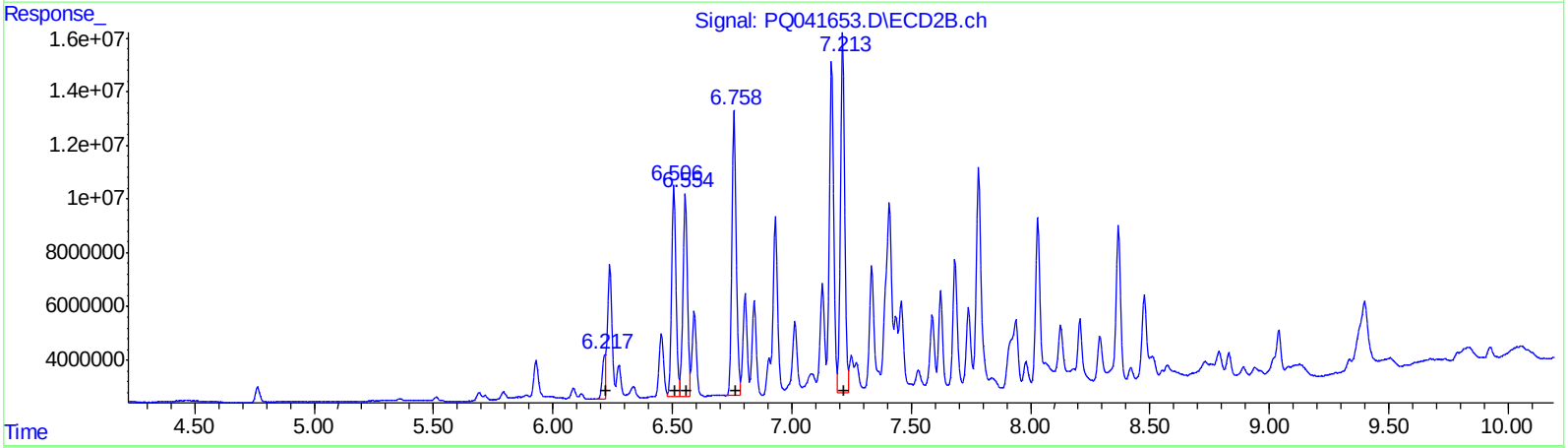
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM





QEdit

(21) AR-1248-1 (L5)

R.T.	Response	Conc
7.15	18761336	202.26
7.46	108657089	882.97
7.69	144952107	923.05
8.14	126604565	586.11
8.18	196548620	922.94

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

R.T.	Response	Conc
6.22	15856832	197.43
6.51	99663753	889.74
6.55	99561324	862.54
6.76	135026314	932.79
7.21	164246288	976.02

(+) = Expected Retention Time

Quantitation Report (Qedit)

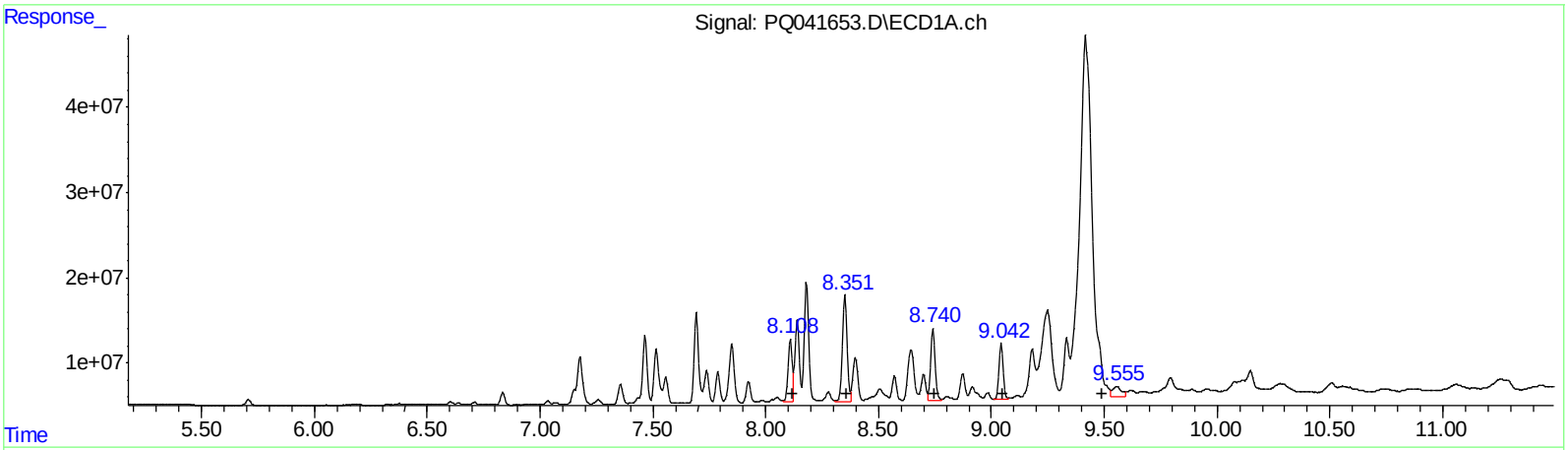
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

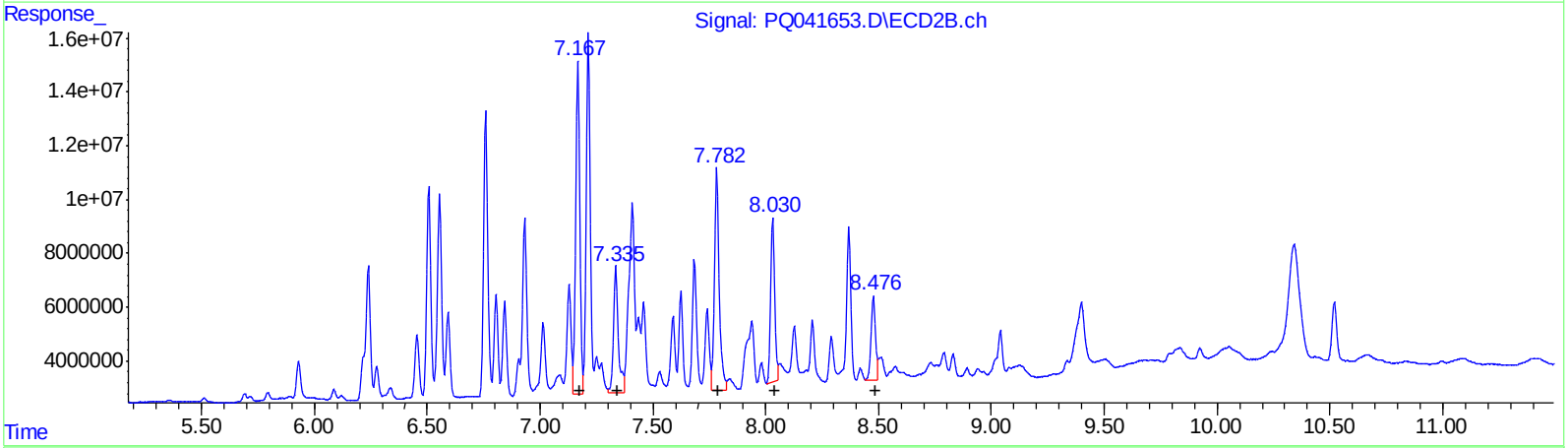
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM





QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.11	95492330	471.10
8.35	180326058	522.09
8.74	115866021	279.61
9.04	84906694	234.60
9.56	31579975	78.65

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

R.T.	Response	Conc
7.17	156719096	616.26
7.33	69980585	305.88
7.78	119522637	294.47
8.03	76420972	279.73
8.48	43221654	108.25

(+) = Expected Retention Time

Quantitation Report (Qedit)

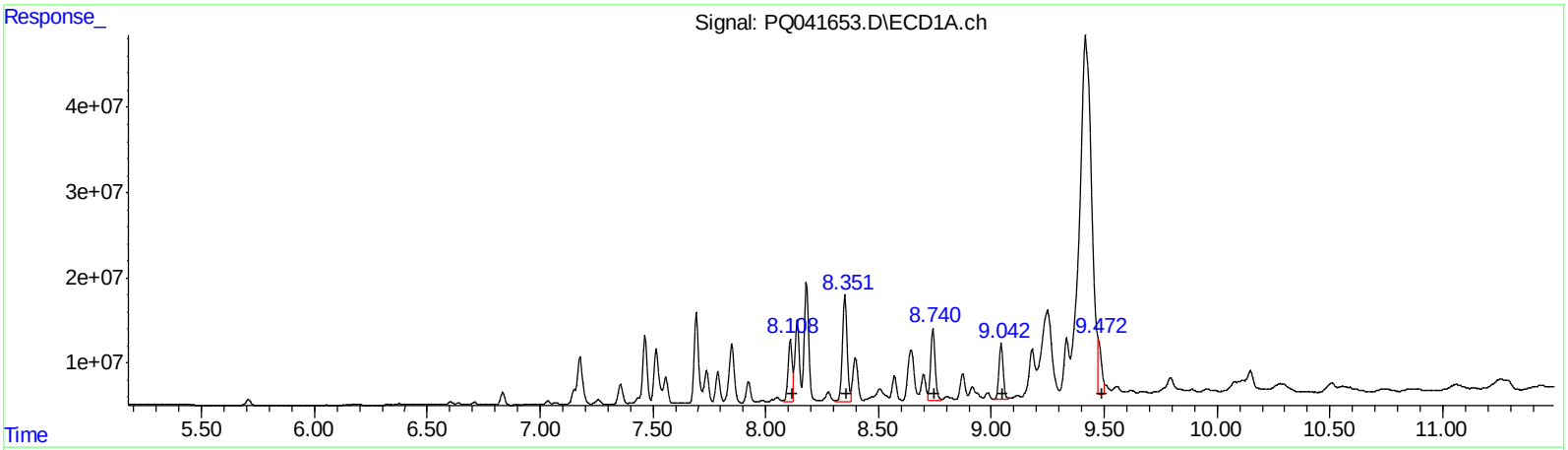
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

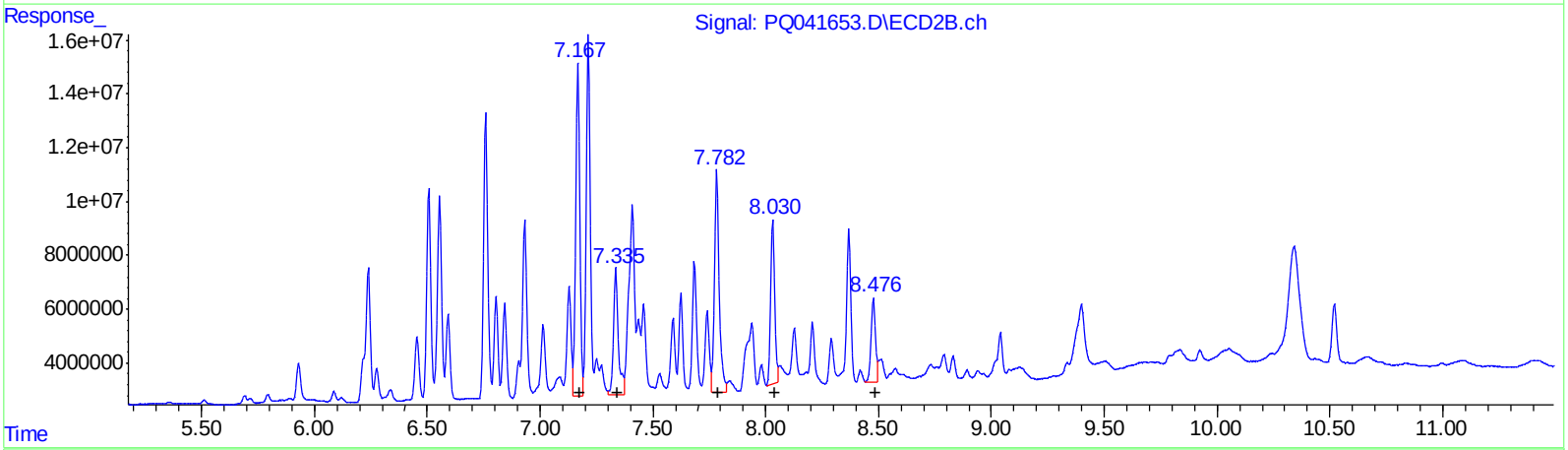
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM





QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.11	95492330	471.10
8.35	180326058	522.09
8.74	115866021	279.61
9.04	84906694	234.60
9.47	68344430	170.21

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

R.T.	Response	Conc
7.17	156719096	616.26
7.33	69980585	305.88
7.78	119522637	294.47
8.03	76420972	279.73
8.48	43221654	108.25

(+) = Expected Retention Time

Quantitation Report (Qedit)

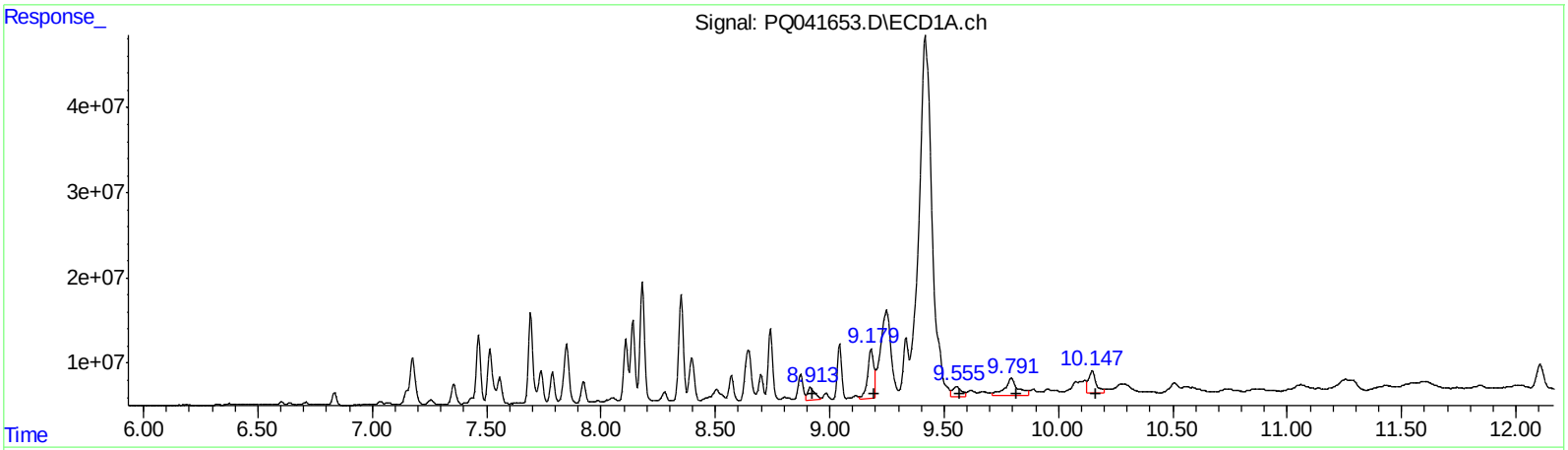
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

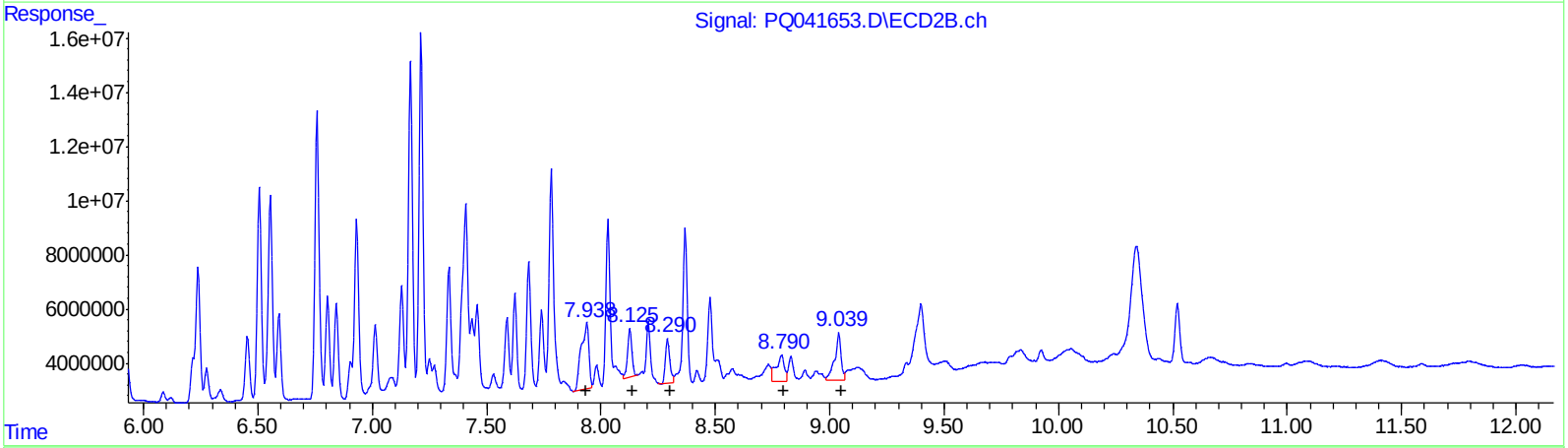
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM





QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.91	31502697	104.27
9.18	111254848	242.72
9.56	31579975	74.38
9.79	81942971	194.66
10.15	61045007	57.13

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

R.T.	Response	Conc
7.94	57320382	215.53
8.13	24076614	66.35
8.29	21839382	69.55
8.79	23899501	83.95
9.04	33850172	45.52

(+) = Expected Retention Time

Quantitation Report (Qedit)

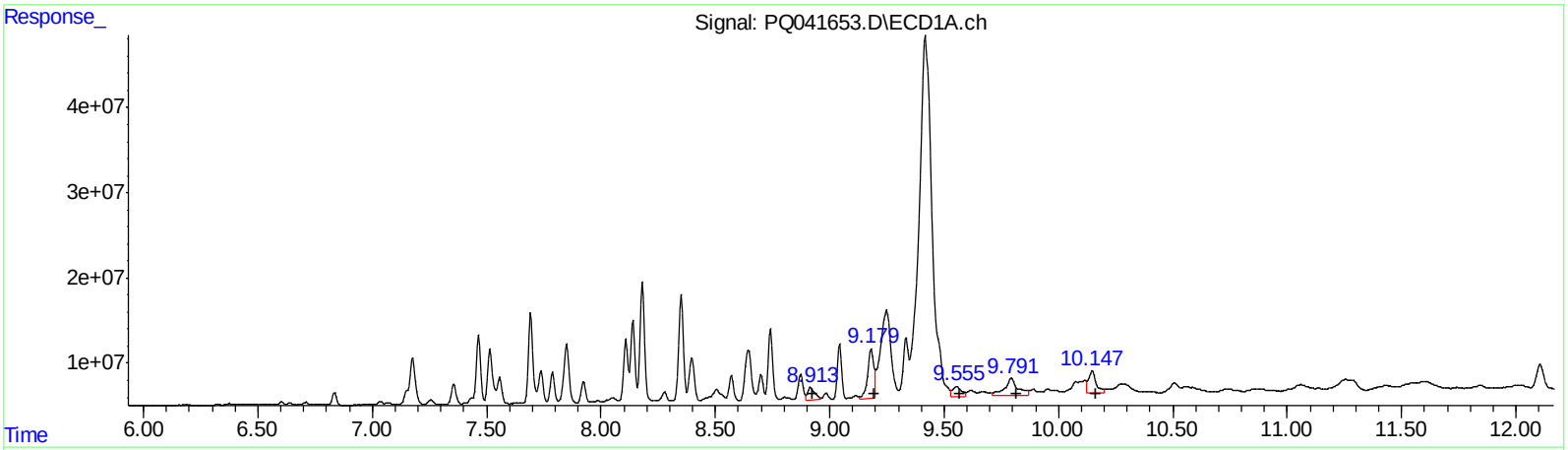
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

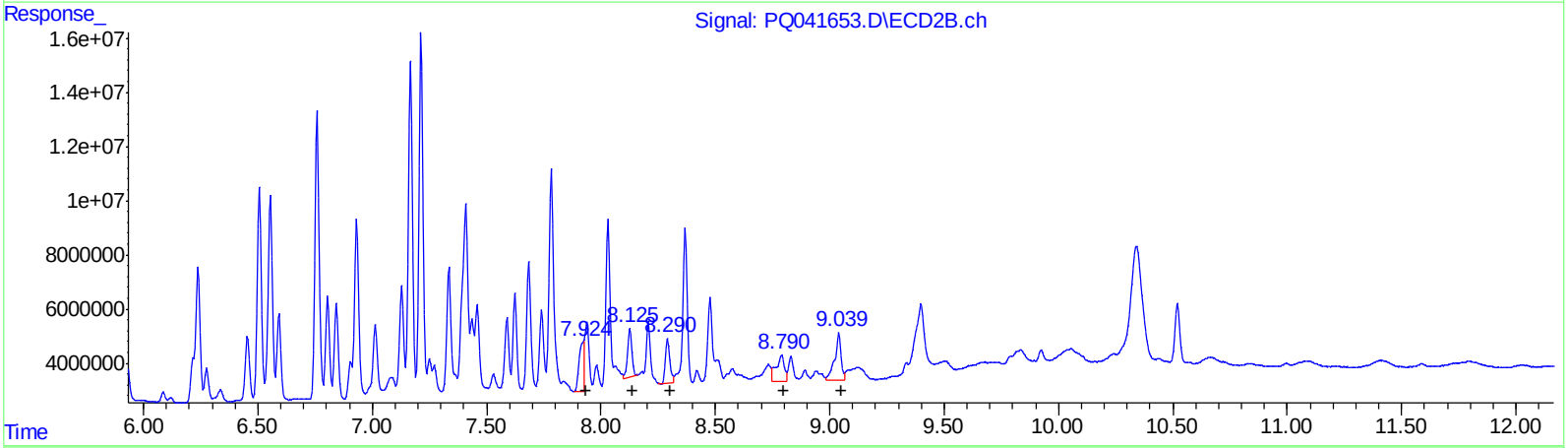
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 23 11:02:25 2019
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_Q
ClientSampleId :
ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM





QEdit

(31) AR-1260-1 (L7)

R.T.	Response	Conc
8.91	31502697	104.27
9.18	111254848	242.72
9.56	31579975	74.38
9.79	81942971	194.66
10.15	61045007	57.13

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

R.T.	Response	Conc
7.92	25081488	94.31
8.13	24076614	66.35
8.29	21839382	69.55
8.79	23899501	83.95
9.04	33850172	45.52

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072619\
Data File : PQ041653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2019 07:04
Operator : SM\AJ
Sample : K3981-11DL 5X (Sig #1); K3881-11DL 5X (Sig #2)
Misc :
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 23:24:26 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

Instrument : ECD_Q
ClientSampleId : ETNE9DL

Manual Integrations APPROVED
Ankita
7/30/2019 10:01:12 AM

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	5.706	4.763	11077837	7403055	2.894	2.463	
2)	SA Decachlor...	12.104	10.520	58556022	31092037	5.661m	6.823	
	Target Compounds							
21)	L5 AR-1248-1	7.151	6.217	18761336	15856832	202.260	197.425m	
22)	L5 AR-1248-2	7.465	6.506	108.7E6	99663753	882.974	889.736	
23)	L5 AR-1248-3	7.692	6.554	145.0E6	99561324	923.053	862.544	
24)	L5 AR-1248-4	8.139	6.758	126.6E6	135.0E6	586.108	932.786	#
25)	L5 AR-1248-5	8.180	7.213	196.5E6	164.2E6	922.940	976.020	
26)	L6 AR-1254-1	8.108	7.167	95492330	156.7E6	471.098	616.264	#
27)	L6 AR-1254-2	8.350	7.335	180.3E6	69980585	522.088	305.876	#
28)	L6 AR-1254-3	8.740	7.782	115.9E6	119.5E6	279.609	294.471	
29)	L6 AR-1254-4	9.043	8.030	84906694	76420972	234.596	279.734	
30)	L6 AR-1254-5	9.472	8.477	68344430	43221654	170.210m	108.251	#
31)	L7 AR-1260-1	8.914	7.924	31502697	25081488	104.275	94.307m	
32)	L7 AR-1260-2	9.180	8.126	111.3E6	24076614	242.719	66.354	#
33)	L7 AR-1260-3	9.555	8.290	31579975	21839382	74.378	69.547	
34)	L7 AR-1260-4	9.792	8.789	81942971	23899501	194.663	83.952	#
35)	L7 AR-1260-5	10.147	9.040	61045007	33850172	57.127	45.523	

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

AJ
07/31/19