Quantitation Report (Qedit)

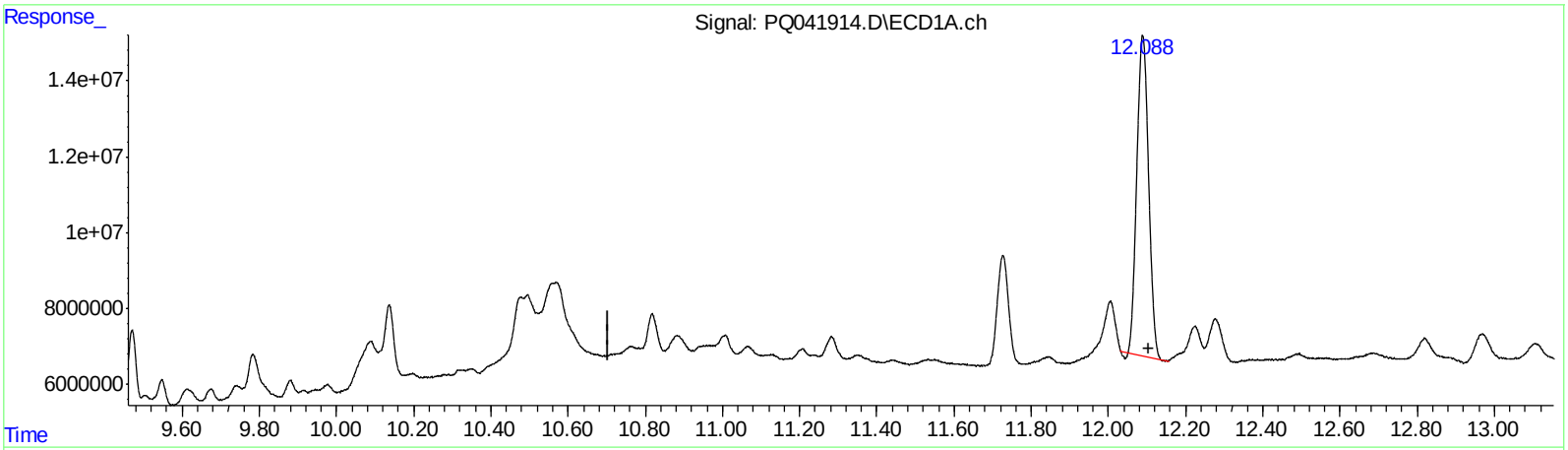
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:22
Operator : SM\AJ
Sample : K4029-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

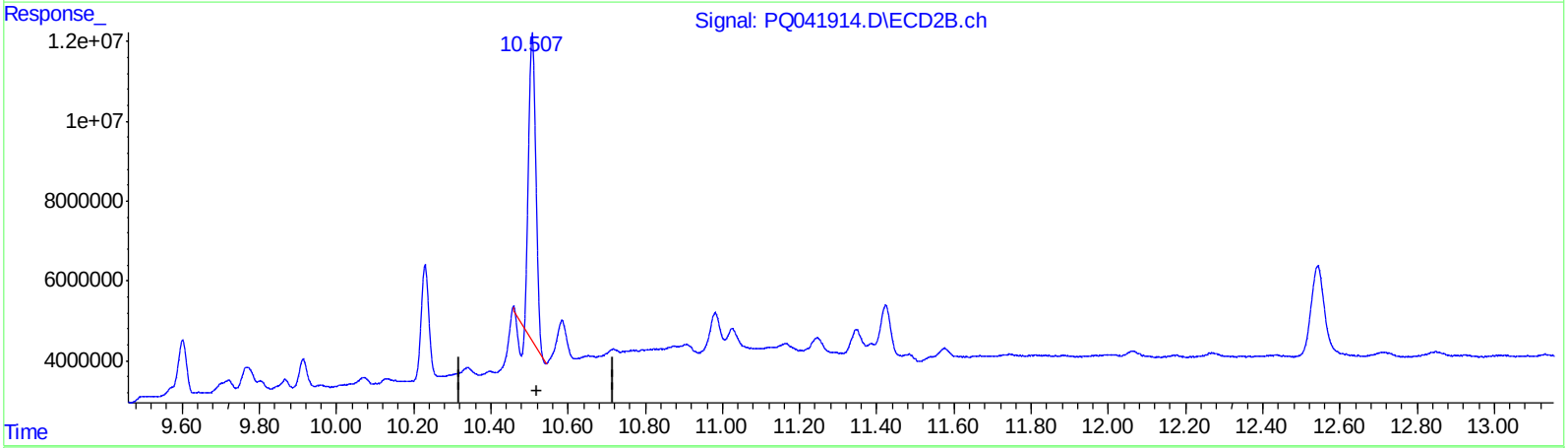
Instrument :
ECD_Q
ClientSampleId :
BENW0

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:36:52 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)

12.089min 21.208 ng/ml

response 178811756

(2) Decachlorobiphenyl #2 (SA)

10.507min 19.367 ng/ml

response 93683005

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:22
Operator : SM\AJ
Sample : K4029-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BENW0

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:55 PM

Integration File signal 1: autoint1.e
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Quant Time: Aug 01 07:36:52 2019
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Integrator: ChemStation

Volume Inj. : 1 µl
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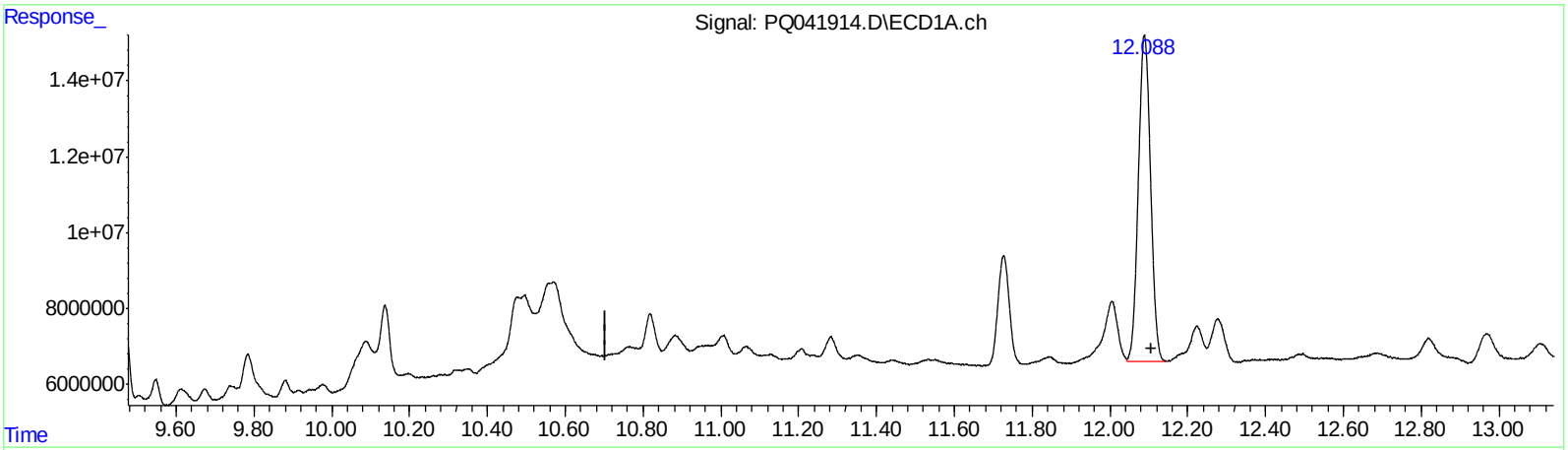
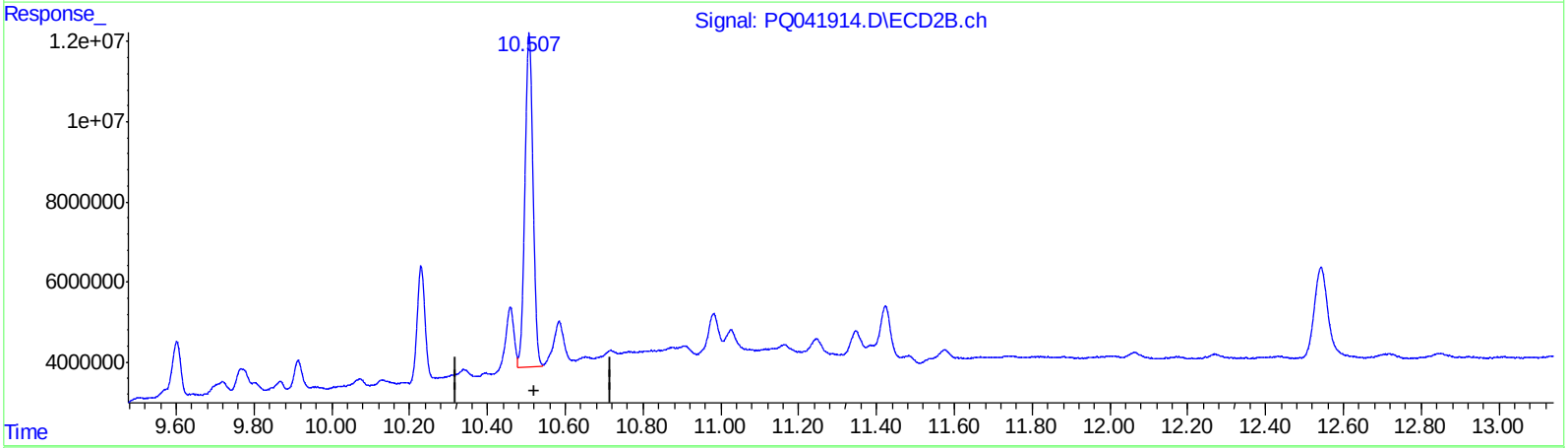




QEdit

(2) Decachlorobiphenyl (SA)

12.088min 22.199 ng/ml m

response 187163756

(2) Decachlorobiphenyl #2 (SA)

10.507min 24.802 ng/ml m

response 119975059

(+) = Expected Retention Time

Quantitation Report (Qedit)

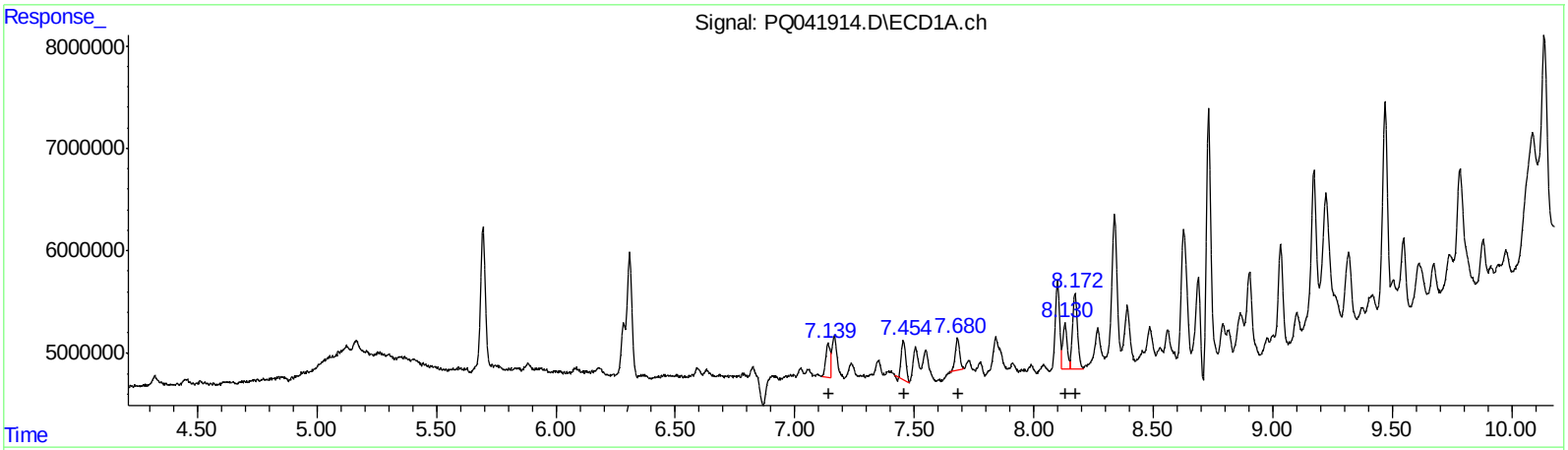
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:22
Operator : SM\AJ
Sample : K4029-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

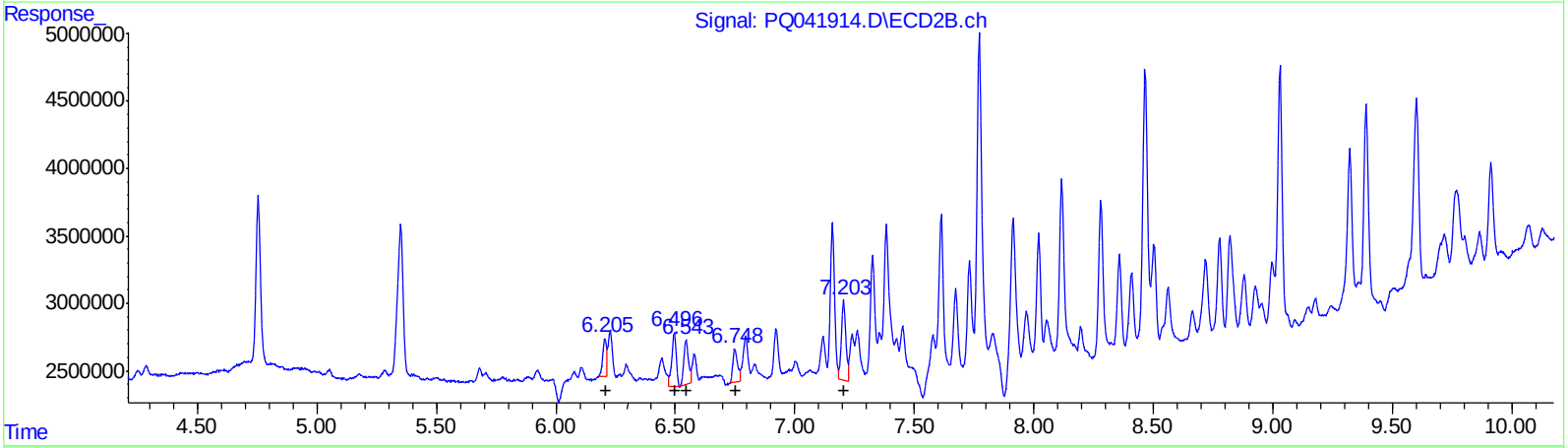
Instrument :
ECD_Q
ClientSampleId :
BENW0

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:36:52 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	4521381	60.99
7.45	4896808	53.07
7.68	3889666	34.72
8.13	5489632	35.11
8.17	10727542	70.89

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

R.T.	Response	Conc
6.21	3110289	46.91
6.50	4913473	56.36
6.54	4525721	50.71
6.75	3294781	29.91
7.20	7532729	58.77

(+) = Expected Retention Time

Quantitation Report (Qedit)

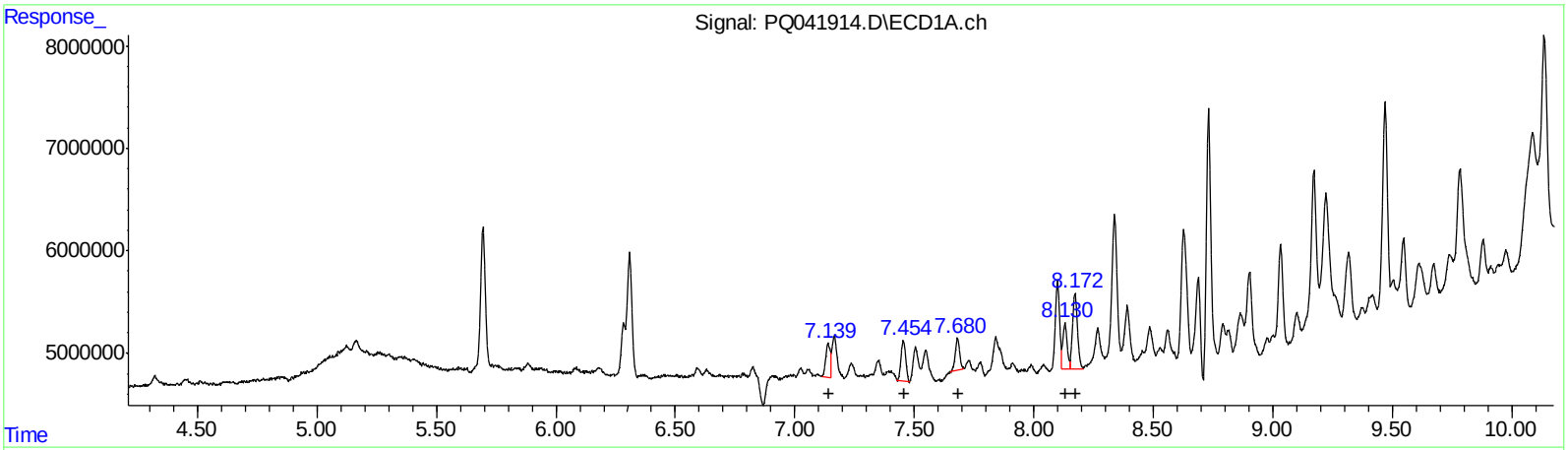
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:22
Operator : SM\AJ
Sample : K4029-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

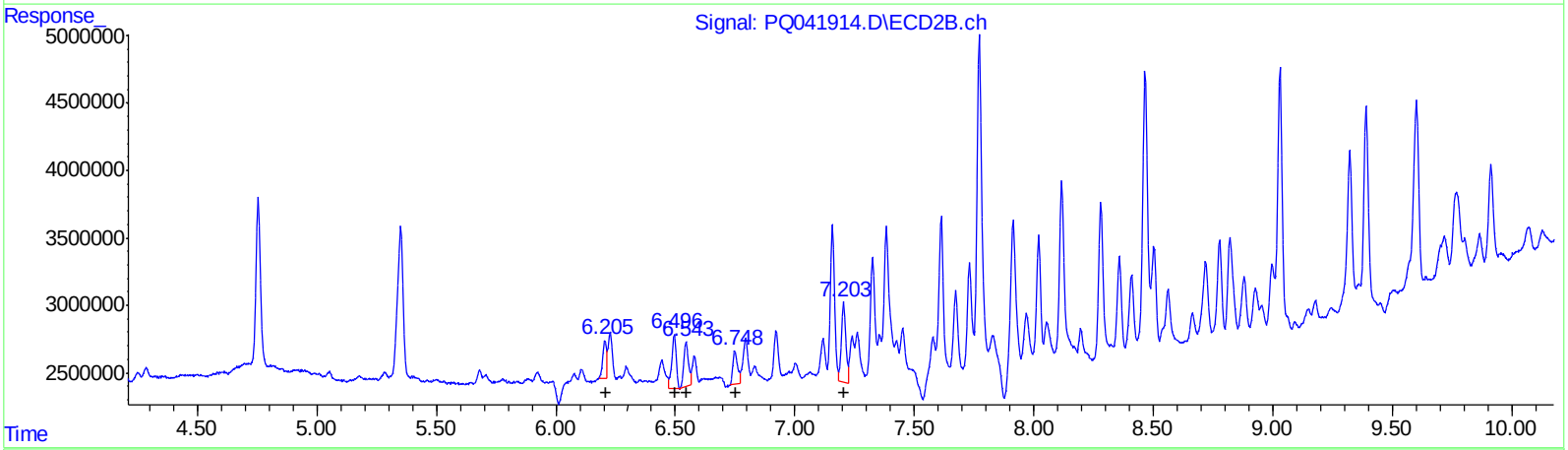
Instrument :
ECD_Q
ClientSampleId :
BENW0

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:36:52 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	4521381	60.99
7.45	5366124	58.16
7.68	3889666	34.72
8.13	5489632	35.11
8.17	10727542	70.89

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

R.T.	Response	Conc
6.21	3110289	46.91
6.50	4913473	56.36
6.54	4525721	50.71
6.75	3294781	29.91
7.20	7532729	58.77

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:22
Operator : SM\AJ
Sample : K4029-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
BENW0

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:55 PM

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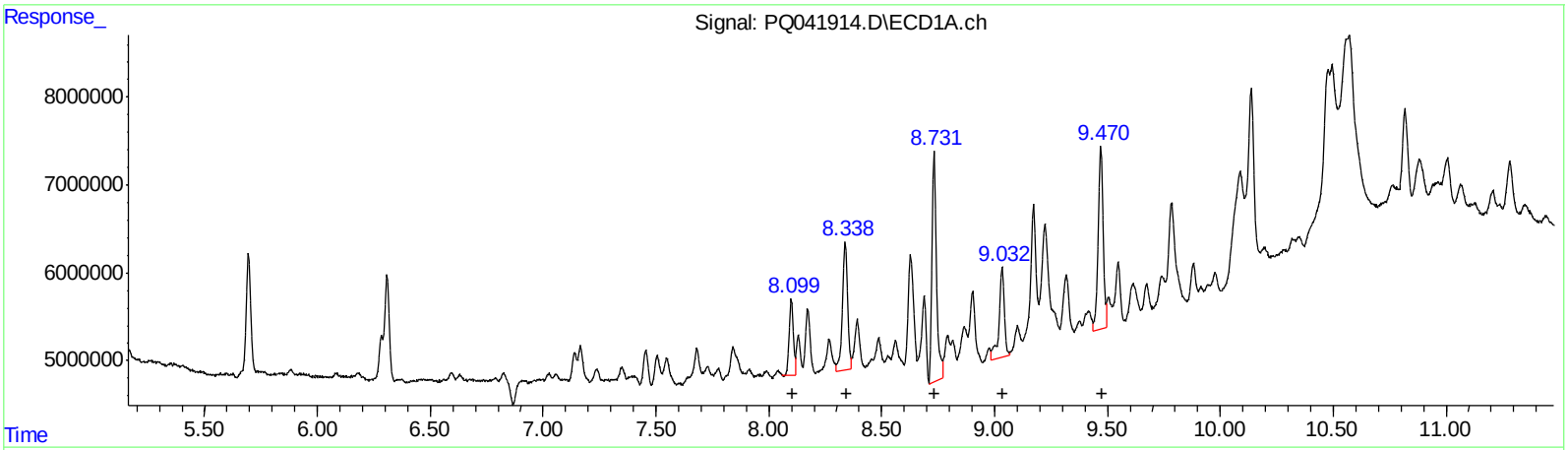
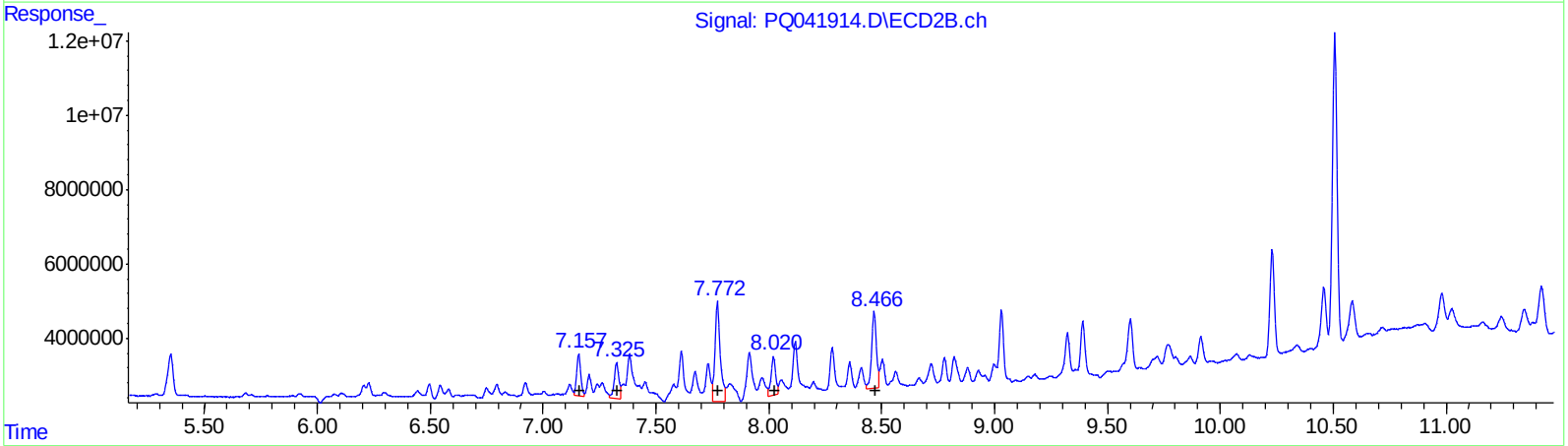
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	10884592	78.24
8.34	23545881	102.87
8.73	36490690	133.46
9.03	16754748	68.06
9.47	31325590	115.66

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

R.T.	Response	Conc
7.16	14377836	78.62
7.33	14072948	86.94
7.77	43379896	150.41
8.02	14583606	67.18
8.47	30094797	100.06

(+) = Expected Retention Time

Quantitation Report (Qedit)

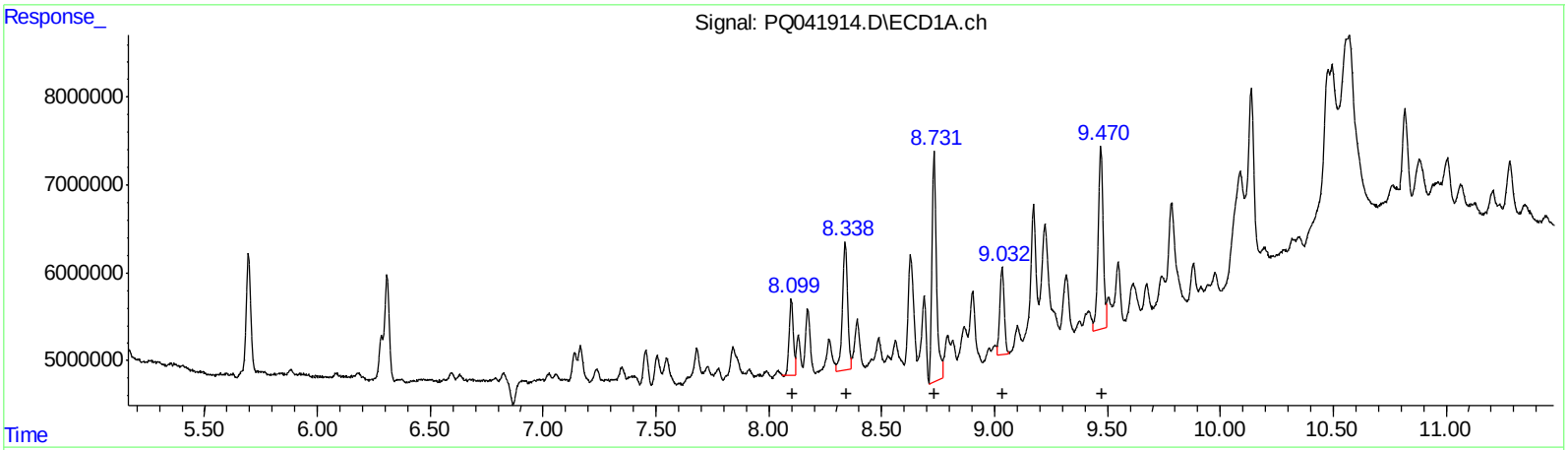
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:22
Operator : SM\AJ
Sample : K4029-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

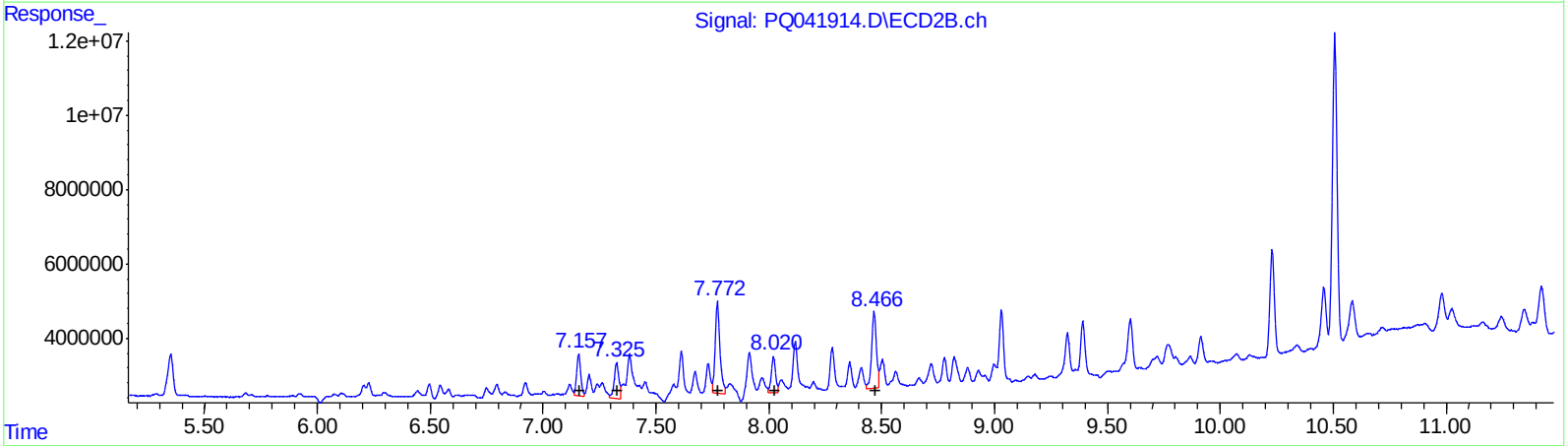
Instrument :
ECD_Q
ClientSampleId :
BENW0

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:55 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:36:52 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

(26) AR-1254-1 (L6)

R.T.	Response	Conc
8.10	10884592	78.24
8.34	23545881	102.87
8.73	36490690	133.46
9.03	13439338	54.59
9.47	31325590	115.66

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

R.T.	Response	Conc
7.16	14377836	78.62
7.33	14072948	86.94
7.77	35796692	124.12
8.02	13206980	60.84
8.47	30094797	100.06

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Instrument :
ECD_Q
ClientSampleId :
BENW0

Manual Integrations APPROVED
Ankita
8/2/2019 1:51:55 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ073119\
Data File : PQ041914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 06:22
Operator : SM\AJ
Sample : K4029-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Title : GC EXTRACTABLES
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.695	4.754	18777767	16119835	8.188	8.364
2)	SA Decachlor...	12.088	10.507	187.2E6	120.0E6	22.199m	24.802m
	Target Compounds						
21)	L5 AR-1248-1	7.139	6.206	4521381	3110289	60.988	46.910
22)	L5 AR-1248-2	7.454	6.496	5366124	4913473	58.161m	56.355
23)	L5 AR-1248-3	7.681	6.544	3889666	4525721	34.716	50.705 #
24)	L5 AR-1248-4	8.130	6.748	5489632	3294781	35.109	29.914
25)	L5 AR-1248-5	8.172	7.204	10727542	7532729	70.892	58.769
26)	L6 AR-1254-1	8.099	7.157	10884592	14377836	78.242	78.617
27)	L6 AR-1254-2	8.338	7.326	23545881	14072948	102.873	86.939
28)	L6 AR-1254-3	8.732	7.772	36490690	35796692	133.457	124.119m
29)	L6 AR-1254-4	9.032	8.020	13439338	13206980	54.593m	60.841m
30)	L6 AR-1254-5	9.470	8.466	31325590	30094797	115.659	100.060

AJ 08/12/19

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