Quantitation Report (Qedit)

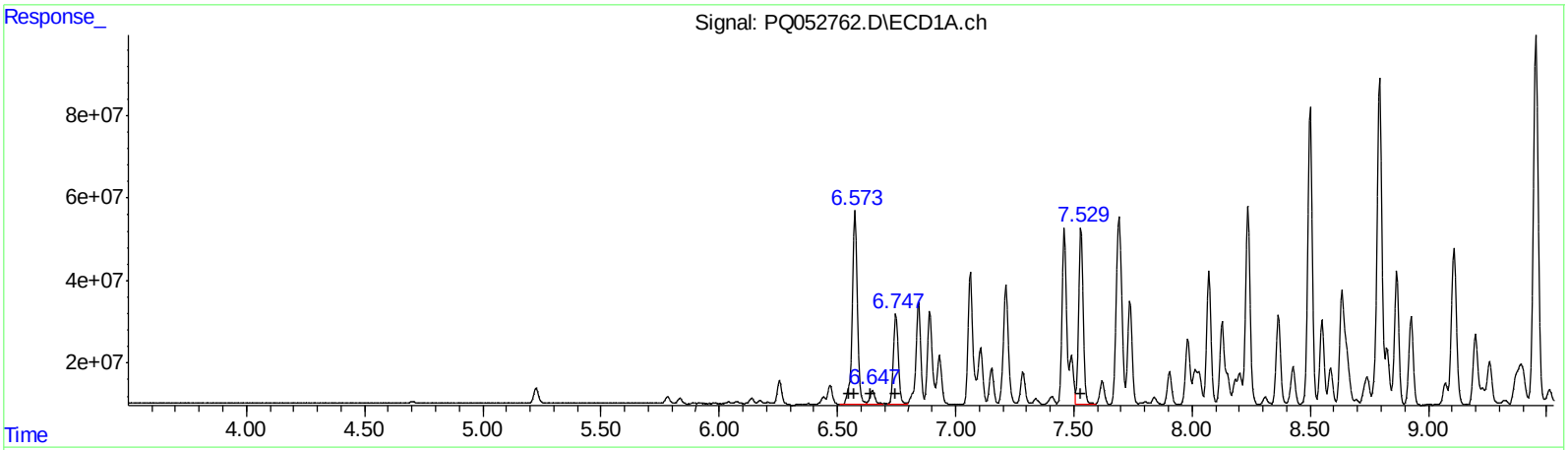
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033121\
Data File : PQ052762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2021 11:53
Operator : DD\AJ
Sample : M1870-08DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

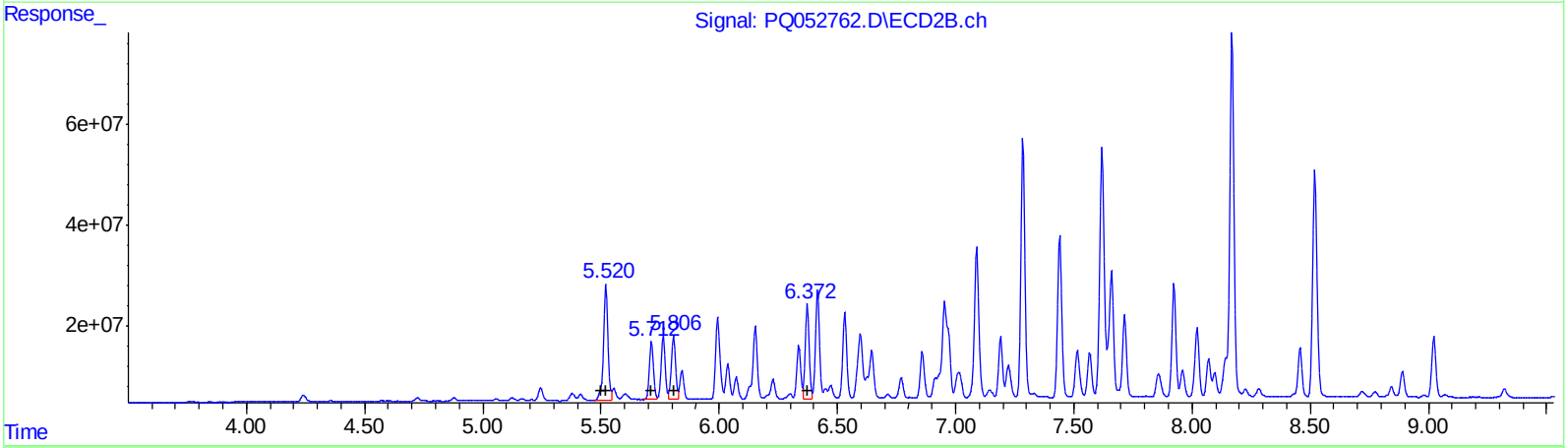
Instrument :
ECD_Q
ClientSampleId :
C0AZ5DL

Manual Integrations APPROVED
Ankita
4/2/2021 11:34:47 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 08:01:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 2021
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

(16) AR-1242-1 (L4)

R.T.	Response	Conc
6.57	699992535	878.19
6.57	699992535	594.84
6.65	48503588	68.65
6.75	313224146	533.10
7.53	569724494	850.35

(16) AR-1242-1 #2 (L4)

R.T.	Response	Conc
5.52	295557953	836.81
5.52	295557953	589.87
5.71	140959090	542.34
5.81	159552309	649.85
6.37	219057487	630.51

(+) = Expected Retention Time

Quantitation Report (Qedit)

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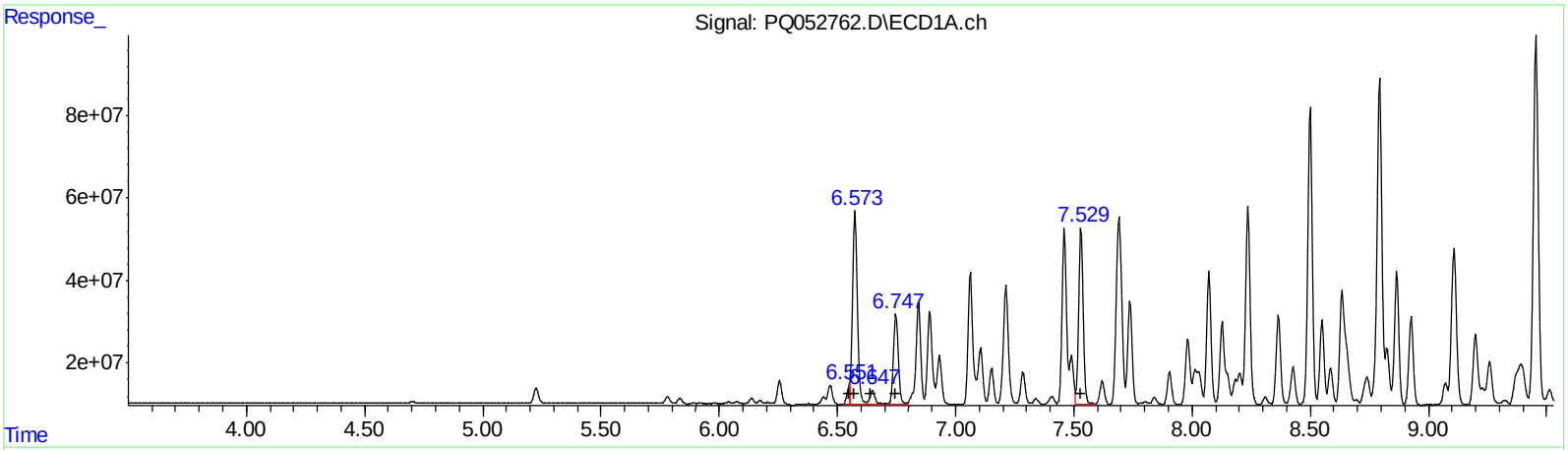

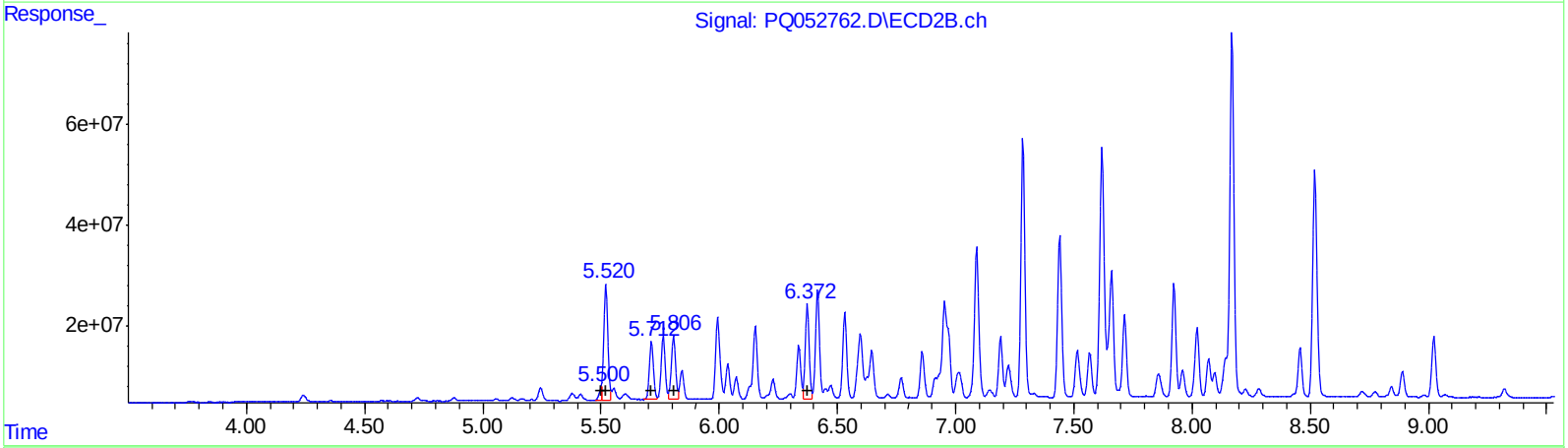

QEdit

(16) AR-1242-1 (L4)

R.T.	Response	Conc
6.55	31771885	39.86
6.57	668040604	567.68
6.65	48503588	68.65
6.75	313224146	533.10
7.53	569724494	850.35

(16) AR-1242-1 #2 (L4)

R.T.	Response	Conc
5.50	14649833	41.48
5.52	283173952	565.16
5.71	140959090	542.34
5.81	159552309	649.85
6.37	219057487	630.51

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Operator : DD\AJ
Sample : M1870-08DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AZ5DL

Manual Integrations APPROVED
Ankita
4/2/2021 11:34:47 AM

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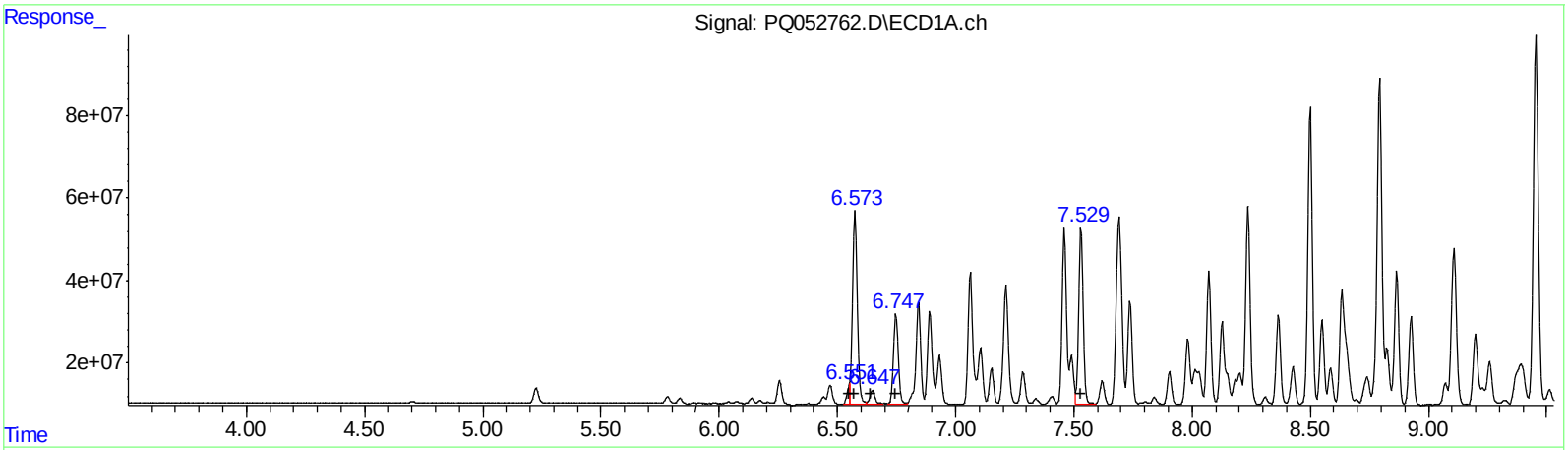
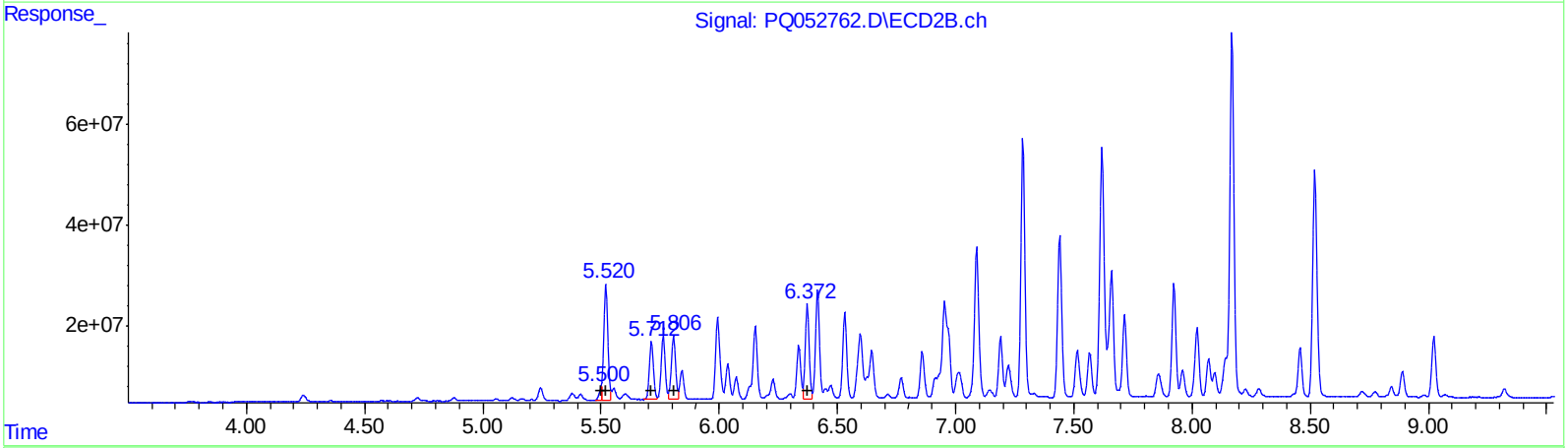
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 2021
Response via : Initial Calibration
Integrator: ChemStation

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

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6.37	219057487	630.51

(+) = Expected Retention Time

Quantitation Report (Qedit)

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ECD_Q
ClientSampleId :
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Manual Integrations APPROVED
Ankita
4/2/2021 11:34:47 AM

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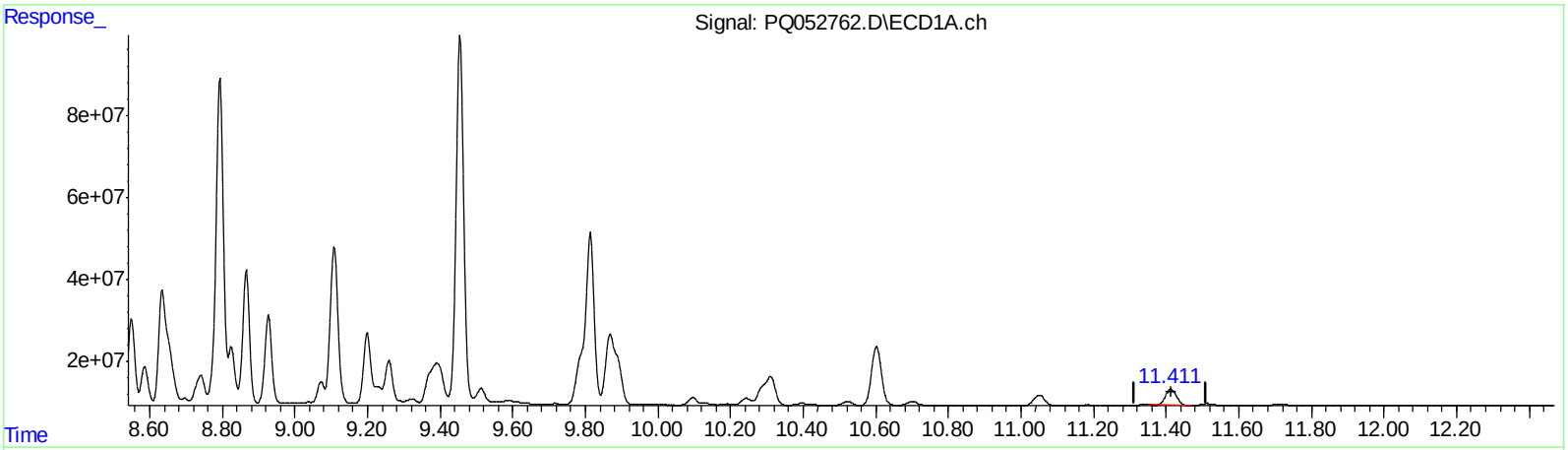
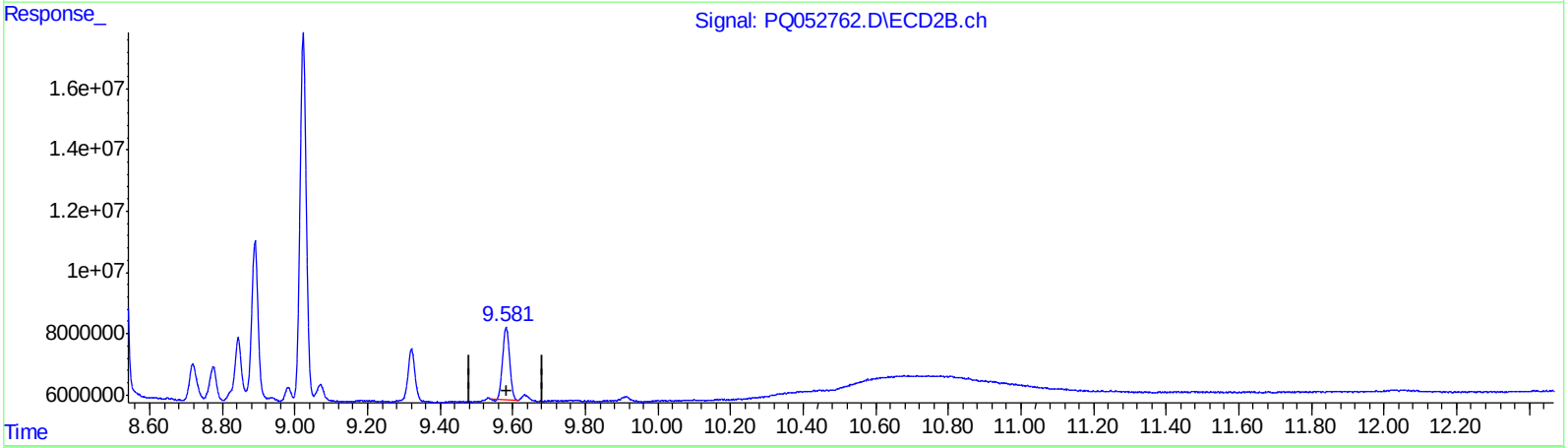
Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





QEdit

(2) Decachlorobiphenyl (SA)

11.412min 3.184 ng/ml

response 78740133

(2) Decachlorobiphenyl #2 (SA)

9.582min 3.221 ng/ml

response 31879091

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033121\
Data File : PQ052762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2021 11:53
Operator : DD\AJ
Sample : M1870-08DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
C0AZ5DL

Manual Integrations APPROVED
Ankita
4/2/2021 11:34:47 AM

Integration File signal 1: autoint1.e
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Quant Time: Apr 01 08:01:24 2021
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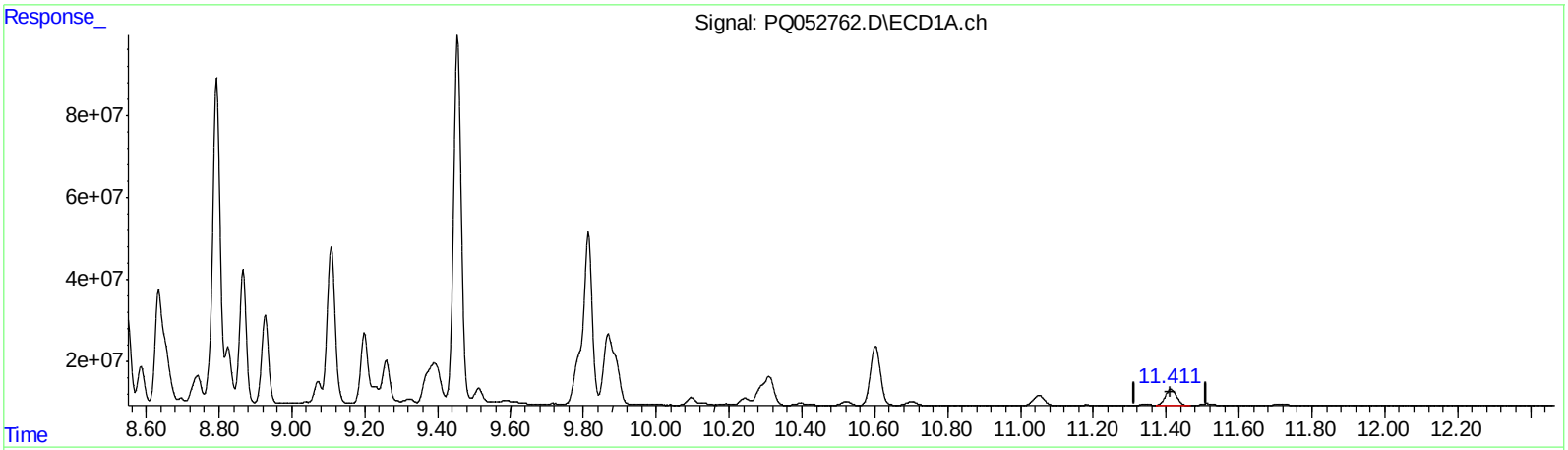
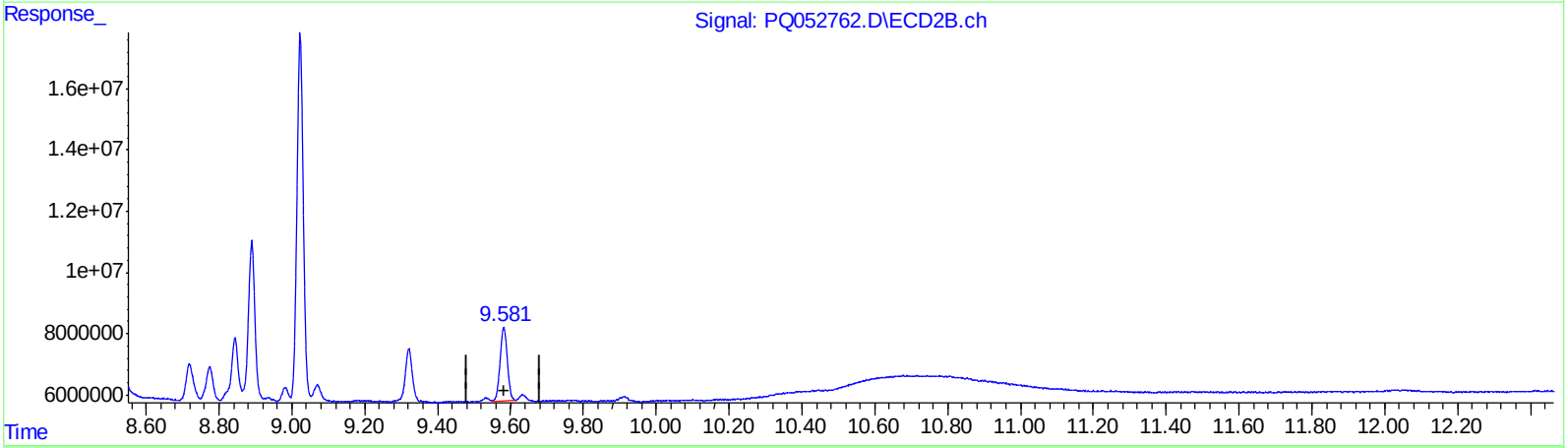
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 18 06:24:02 2021
Response via : Initial Calibration
Integrator: ChemStation

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)

11.411min 3.406 ng/ml m

response 84217835

(2) Decachlorobiphenyl #2 (SA)

9.581min 3.353 ng/ml m

response 33180934

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ033121\
Data File : PQ052762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2021 11:53
Operator : DD\AJ
Sample : M1870-08DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : C0AZ5DL

Manual Integrations APPROVED
Ankita
4/2/2021 11:34:47 AM

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	5.225	4.241	54539383	20139094	2.367	2.106
2)	SA Decachlor...	11.411	9.581	84217835	33180934	3.406m	3.353m
	Target Compounds						
16)	L4 AR-1242-1	6.551	5.500	31771885	14649833	39.860m	41.478m
17)	L4 AR-1242-2	6.573	5.520	668.0E6	283.2E6	567.685m	565.158m
18)	L4 AR-1242-3	6.648	5.713	48503588	141.0E6	68.653	542.336 #
19)	L4 AR-1242-4	6.747	5.807	313.2E6	159.6E6	533.101	649.847
20)	L4 AR-1242-5	7.530	6.372	569.7E6	219.1E6	850.352	630.509 #
31)	L7 AR-1260-1	8.236	7.089	646.0E6	395.3E6	599.542	683.745
32)	L7 AR-1260-2	8.500	7.285	945.6E6	599.5E6	719.626	751.582
33)	L7 AR-1260-3	8.866	7.440	423.4E6	397.0E6	421.698	602.349 #
34)	L7 AR-1260-4	9.108	7.924	583.2E6	259.2E6	510.368	459.696
35)	L7 AR-1260-5	9.454	8.169	1316.6E6	971.0E6	553.433	634.529

AJ
04/08/21

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