Quantitation Report (Qedit)

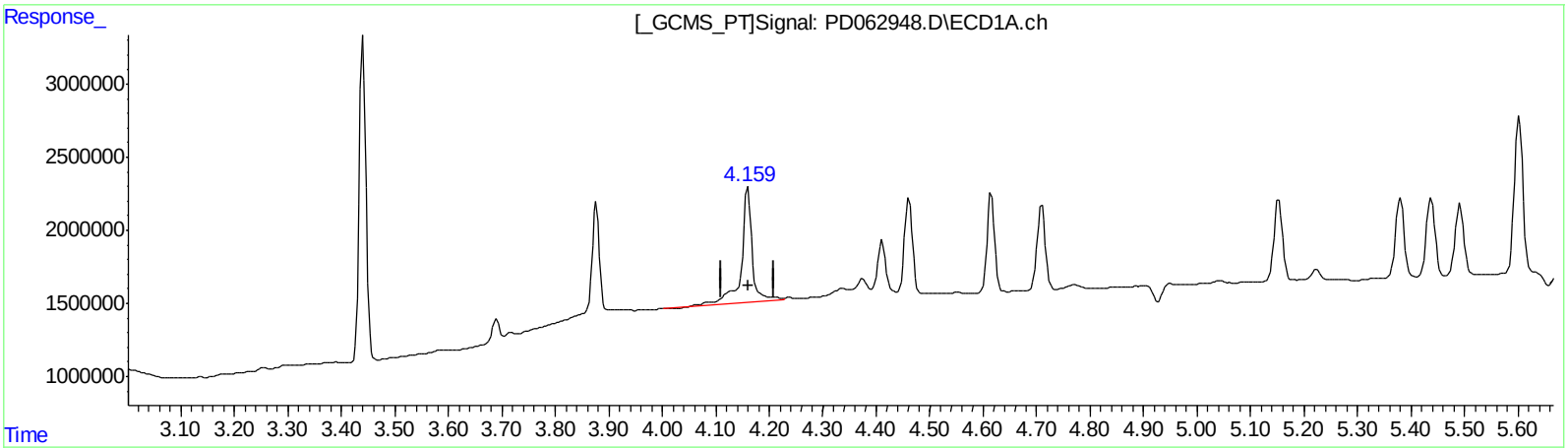
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2021 16:24
Operator : AR\AJ
Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

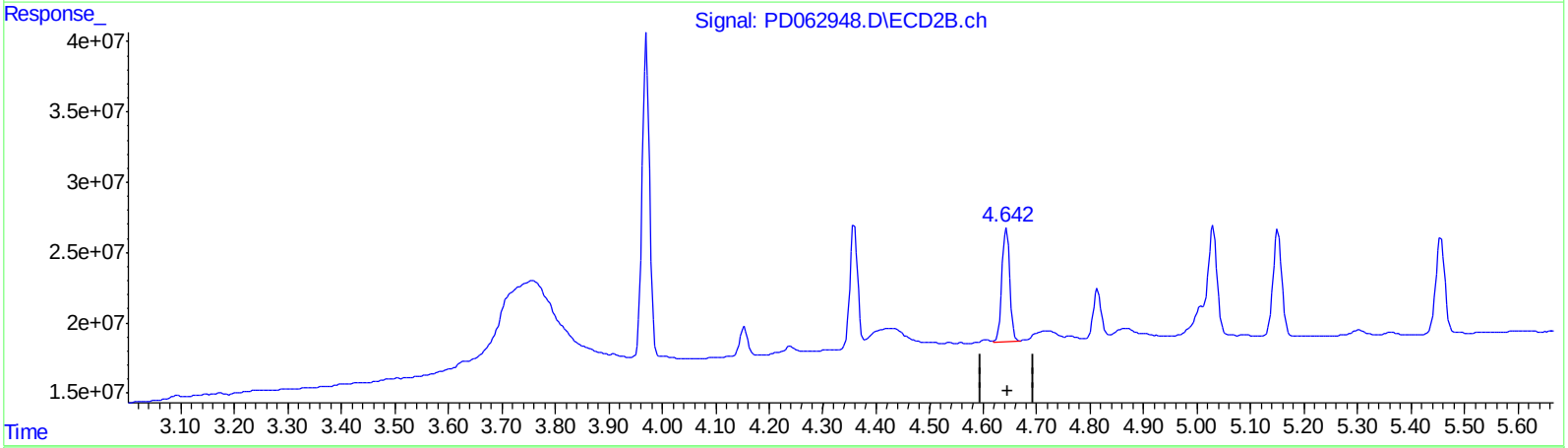
Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 01:17:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(3) gamma-BHC (Lindane) (MA)

4.160min 8.424 ng/ml

response 11252448

(3) gamma-BHC (Lindane) #2 (MA)

4.644min 4.908 ng/ml

response 84791170

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2021 16:24
Operator : AR\AJ
Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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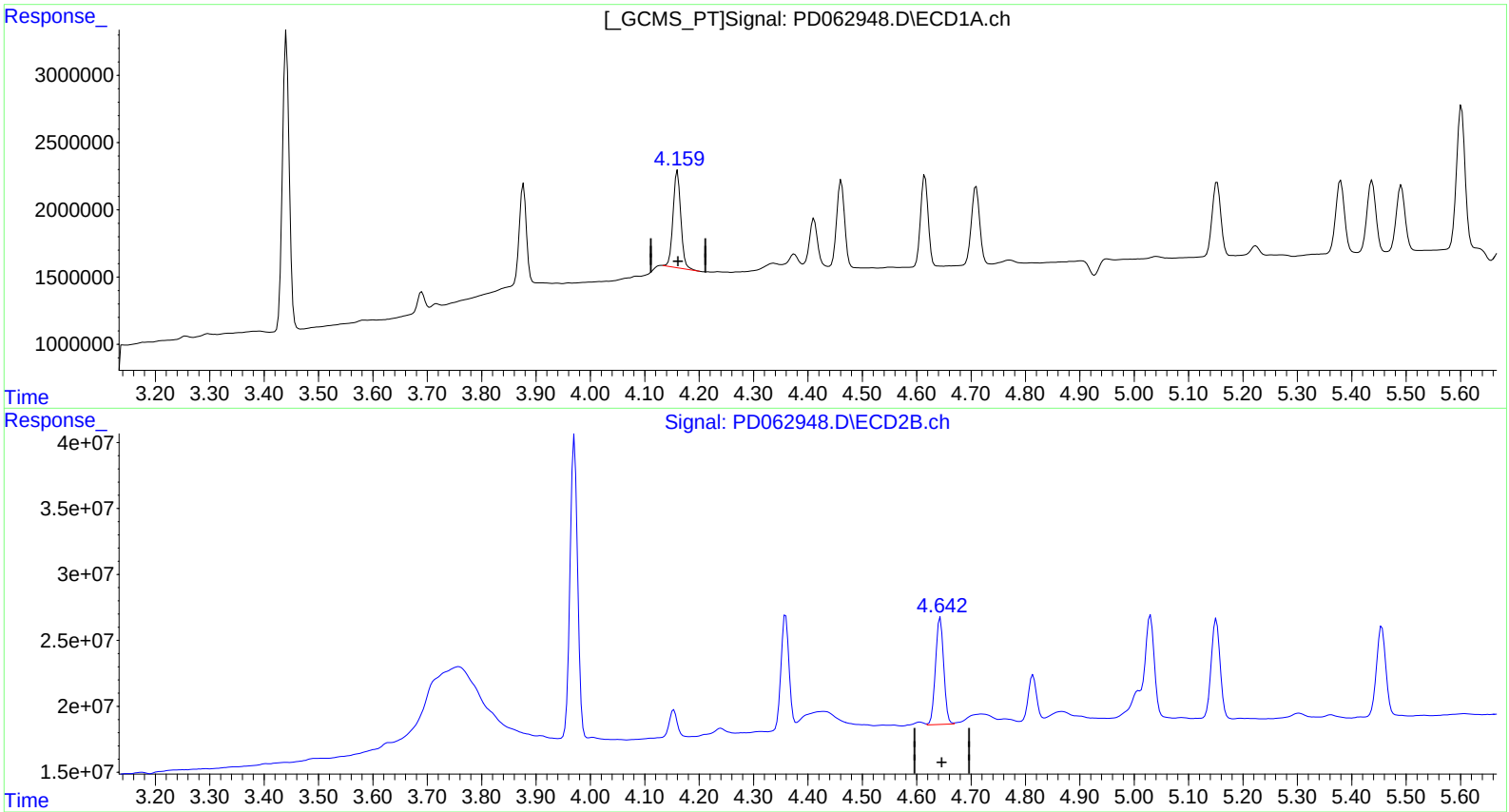
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(3) gamma-BHC (Lindane) (MA)

4.159min 5.409 ng/ml m

response 7225847

(3) gamma-BHC (Lindane) #2 (MA)

4.644min 4.908 ng/ml

response 84791170

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

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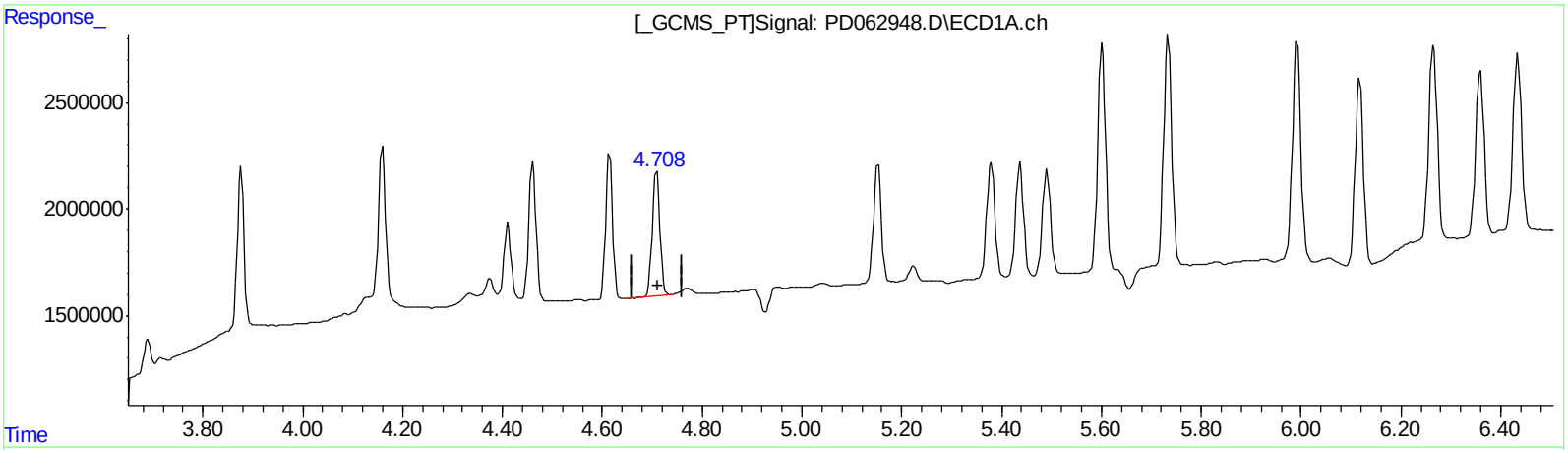

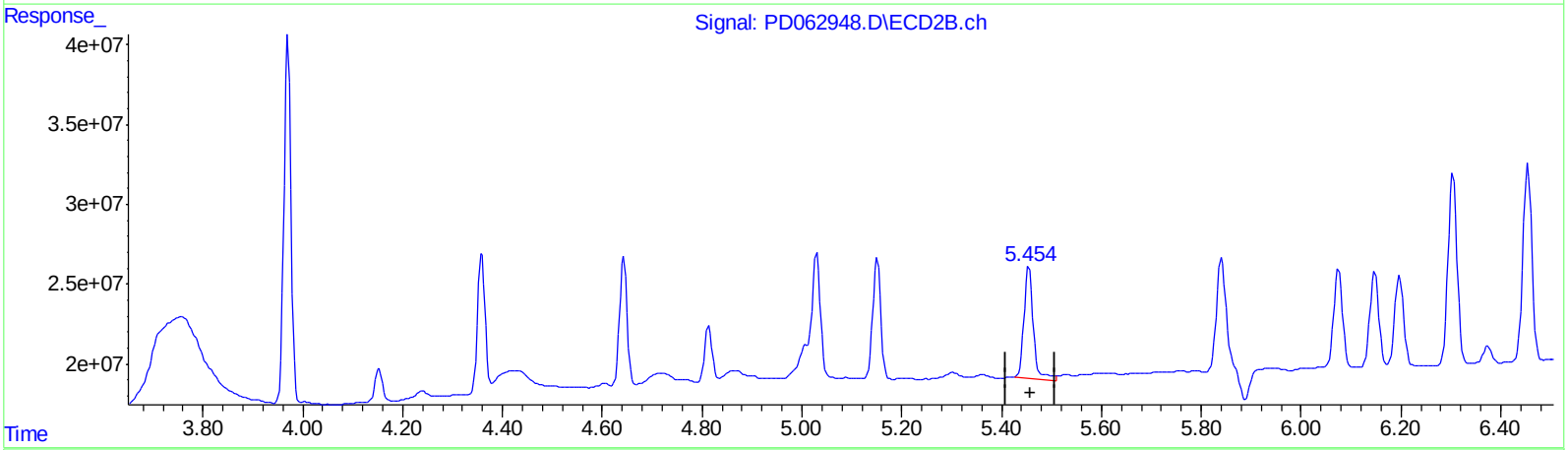

QEdit

(5) Aldrin (MB)

4.710min 4.782 ng/ml

response 6229296

(5) Aldrin #2 (MB)

5.455min 5.248 ng/ml

response 90775972

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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Quant Time: May 15 01:17:50 2021
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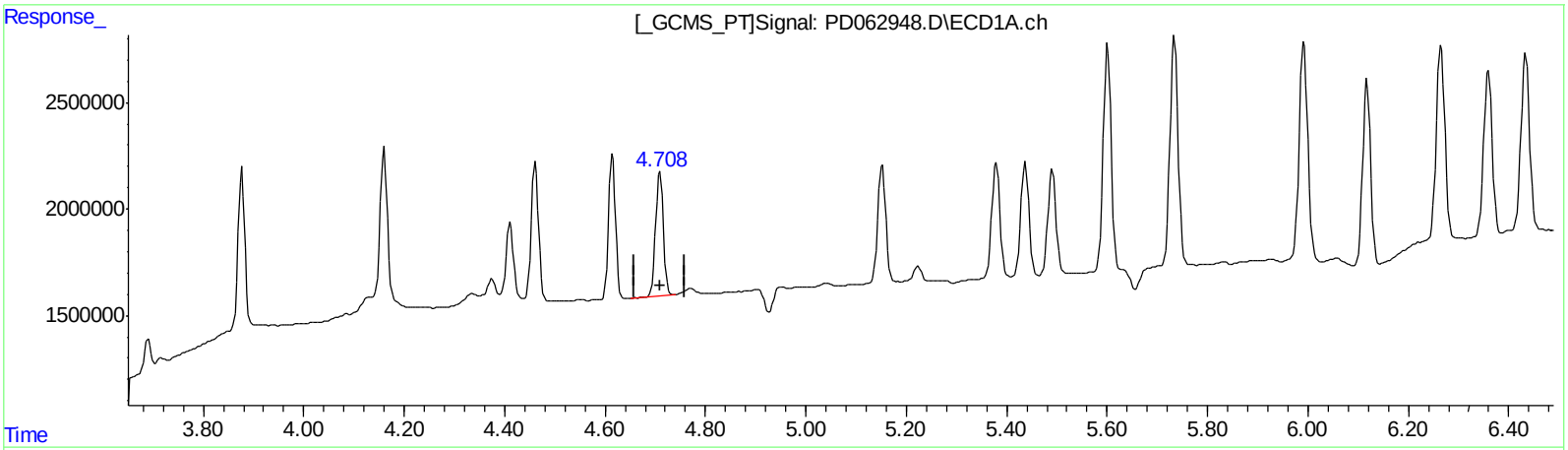
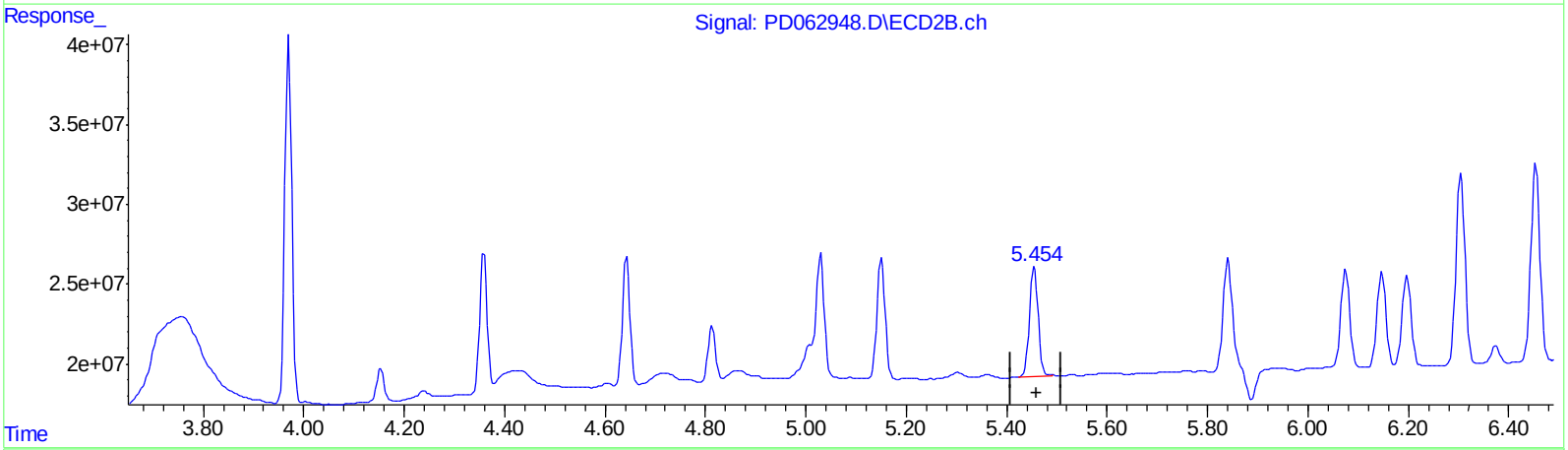
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(5) Aldrin (MB)

4.710min 4.782 ng/ml

response 6229296

(5) Aldrin #2 (MB)

5.454min 4.759 ng/ml m

response 82320935

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2021 16:24
Operator : AR\AJ
Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
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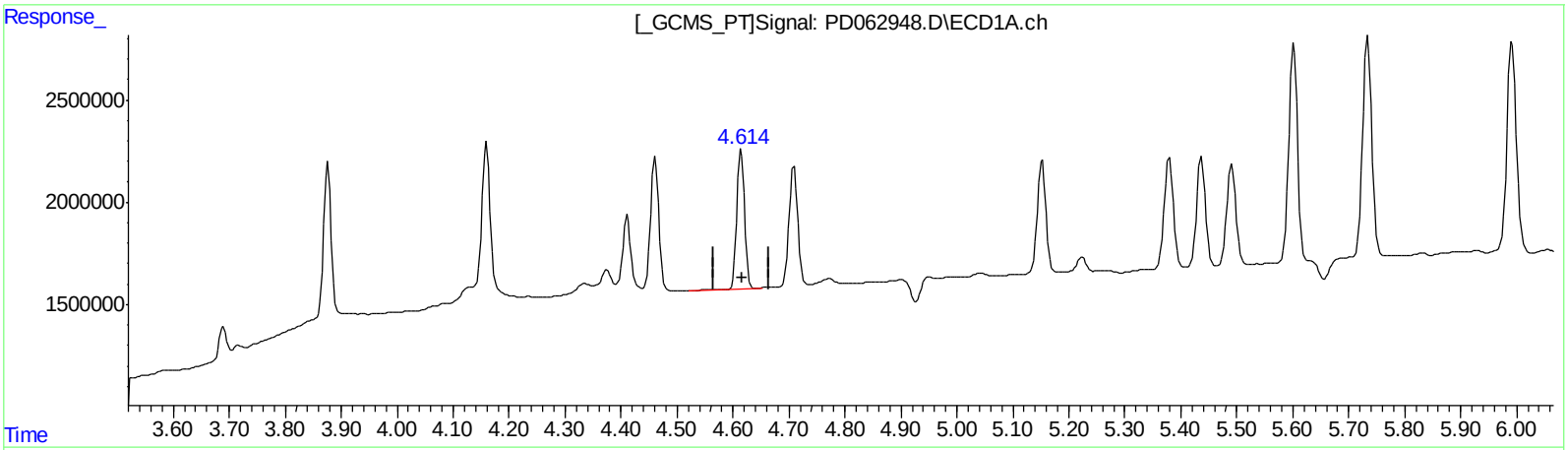
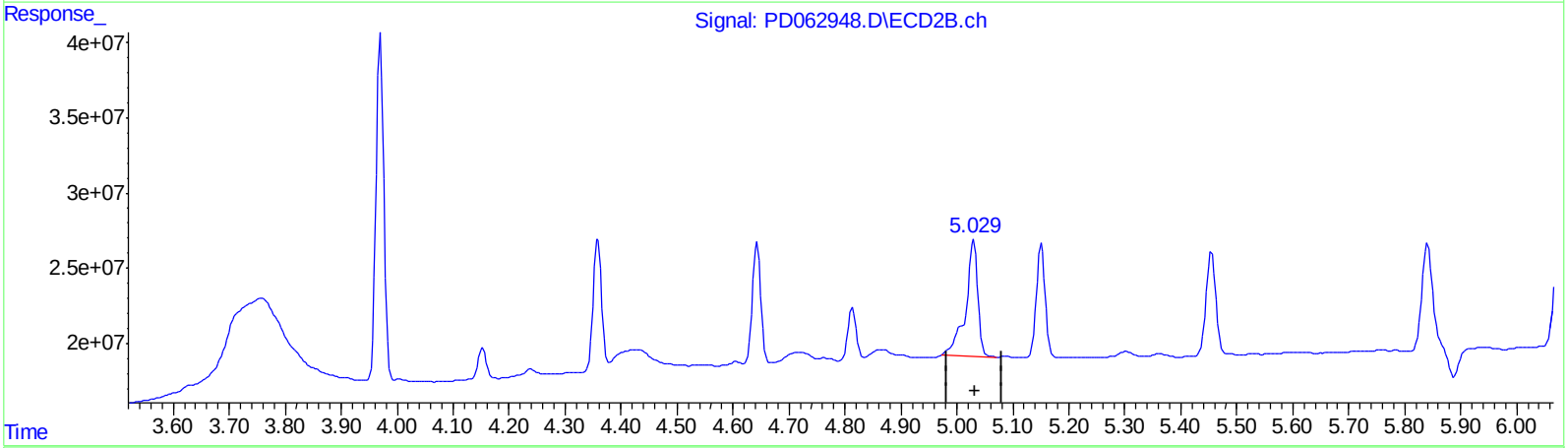
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(7) delta-BHC (B)

4.615min 4.799 ng/ml

response 6529877

(7) delta-BHC #2 (B)

5.030min 6.189 ng/ml

response 114817008

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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Quant Time: May 15 01:17:50 2021
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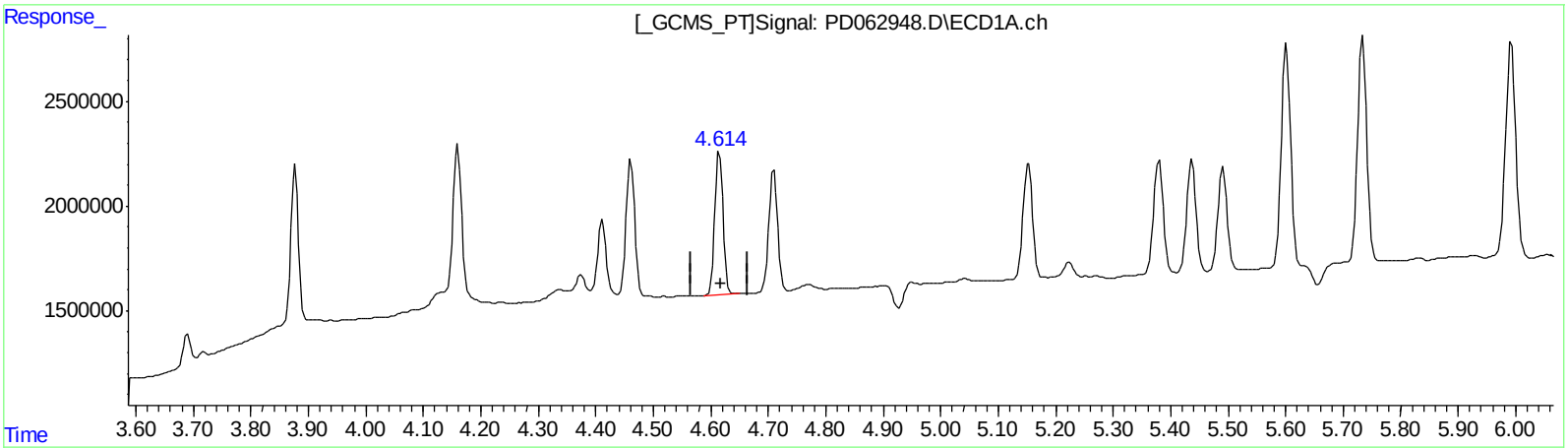

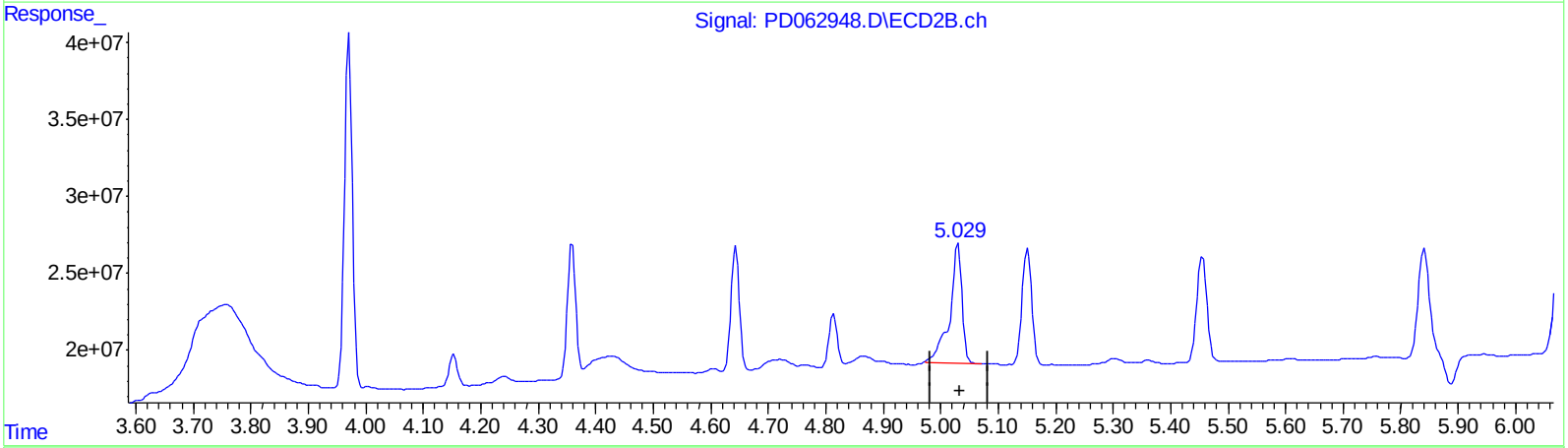

QEdit

(7) delta-BHC (B)

4.614min 4.851 ng/ml m

response 6601345

(7) delta-BHC #2 (B)

5.030min 6.189 ng/ml

response 114817008

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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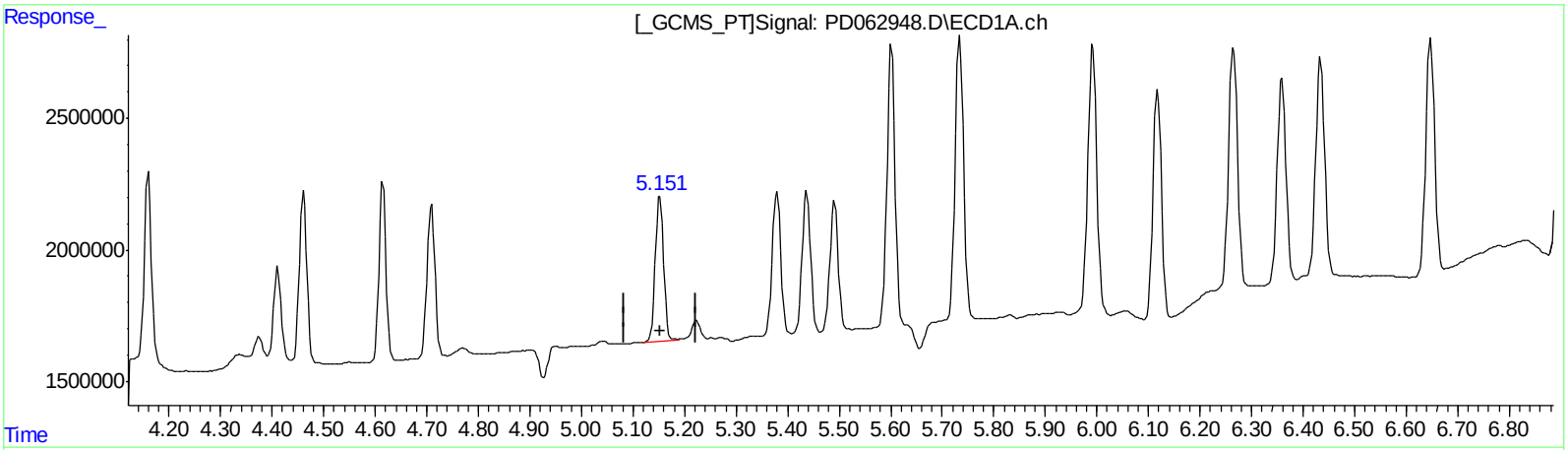

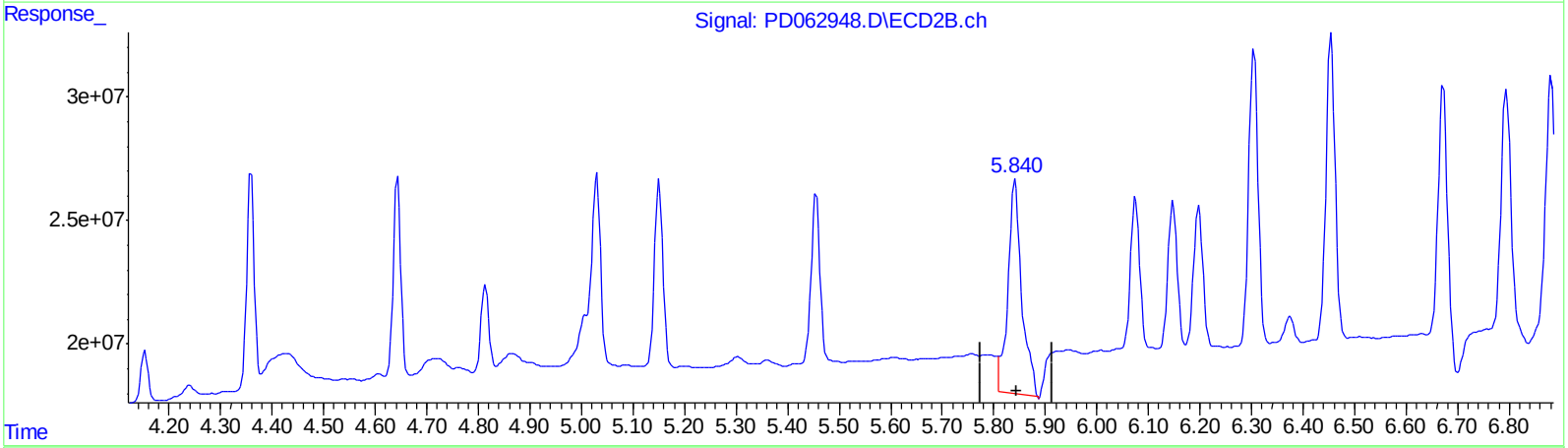

QEdit

(8) Heptachlor epoxide (B)

5.153min 5.068 ng/ml

response 6211223

(8) Heptachlor epoxide #2 (B)

5.841min 9.923 ng/ml

response 159146463

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2021 16:24
Operator : AR\AJ
Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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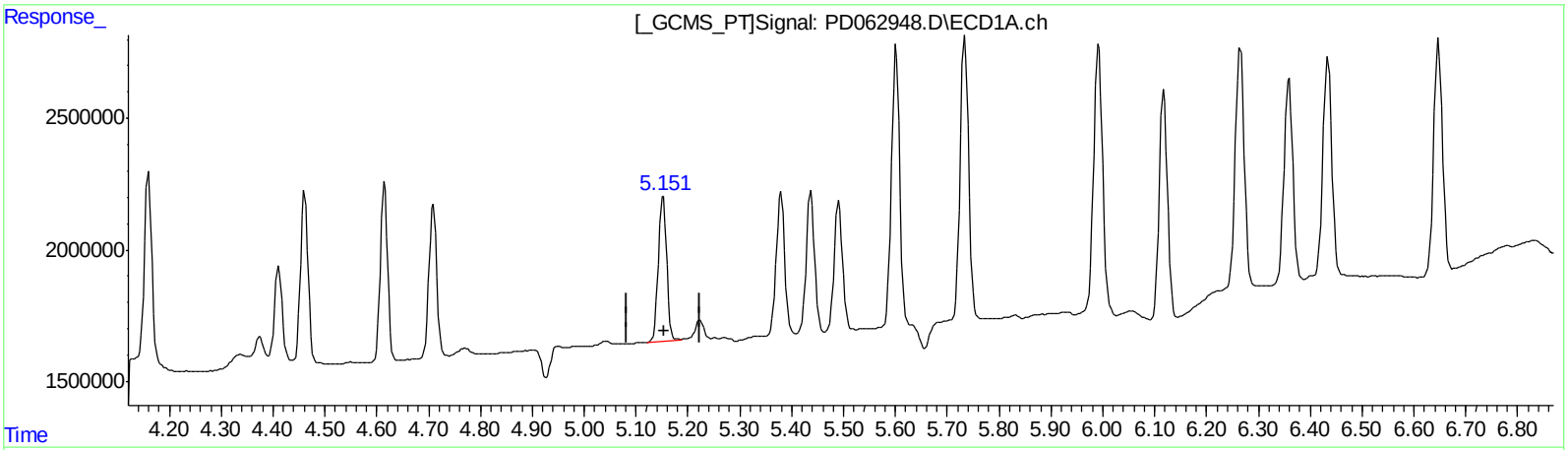
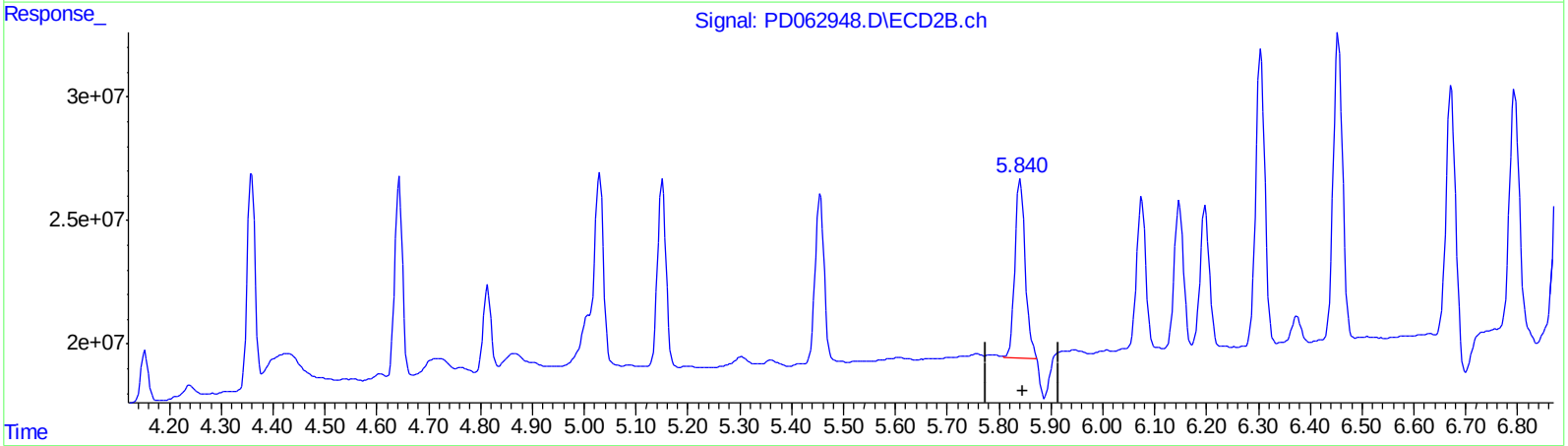
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(8) Heptachlor epoxide (B)

5.153min 5.068 ng/ml

response 6211223

(8) Heptachlor epoxide #2 (B)

5.840min 6.182 ng/ml m

response 99155289

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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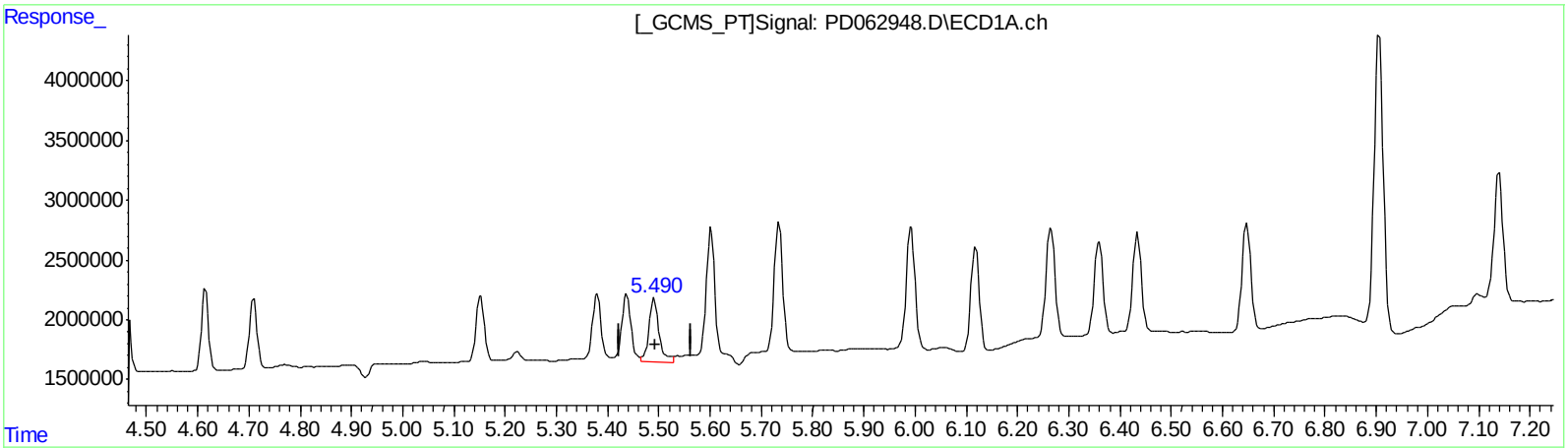

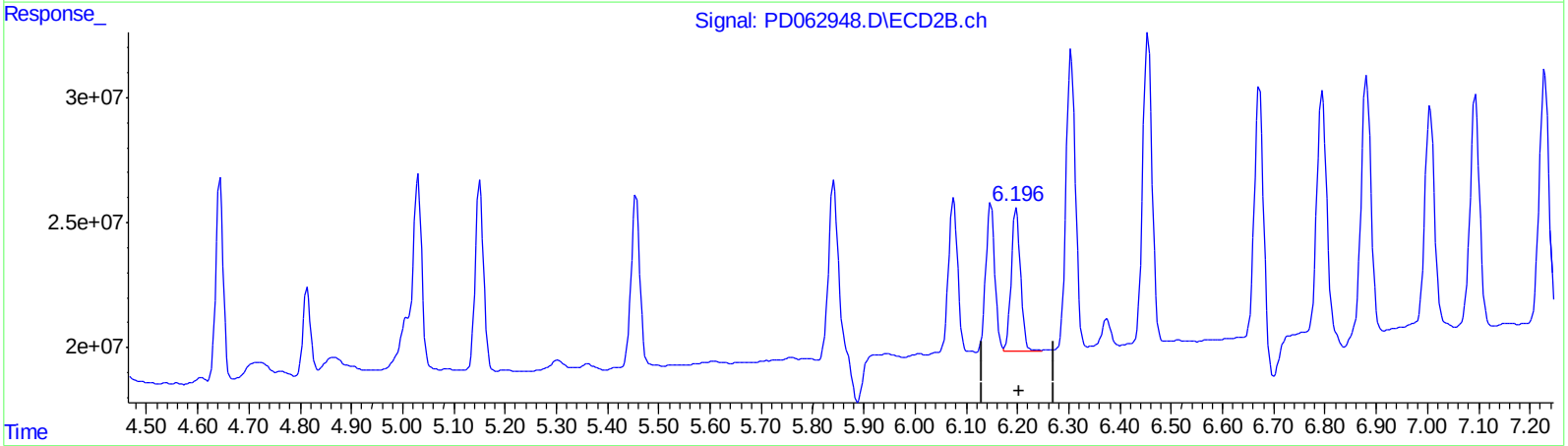

QEdit

(9) Endosulfan I (A)

5.491min 6.440 ng/ml

response 7200864

(9) Endosulfan I #2 (A)

6.198min 4.936 ng/ml

response 72398505

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
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Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

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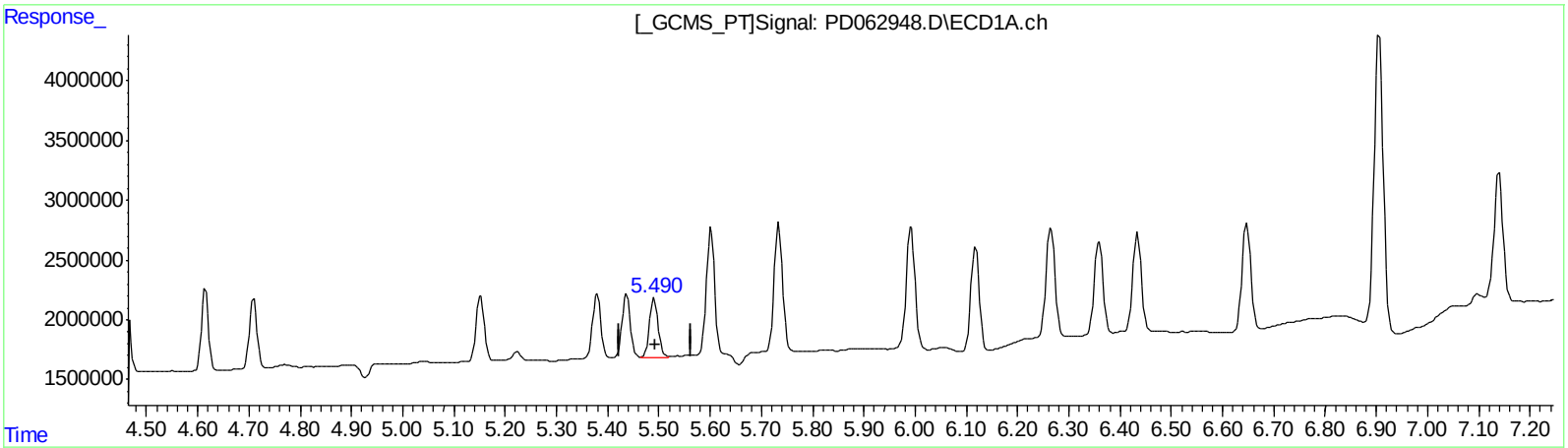

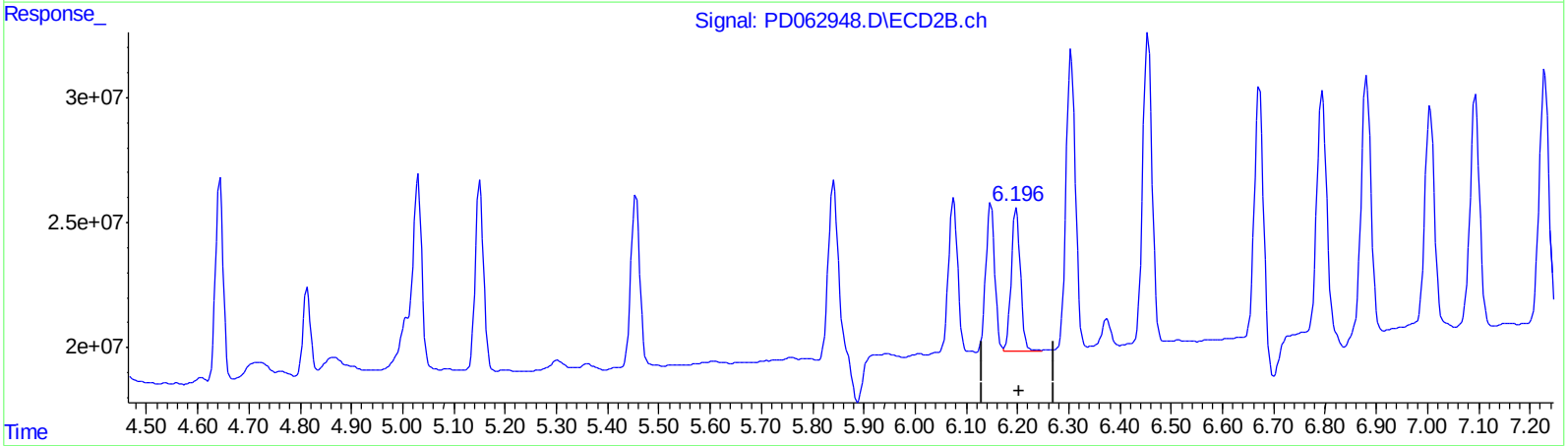

QEdit

(9) Endosulfan I (A)

5.490min 5.247 ng/ml m

response 5867564

(9) Endosulfan I #2 (A)

6.198min 4.936 ng/ml

response 72398505

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
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Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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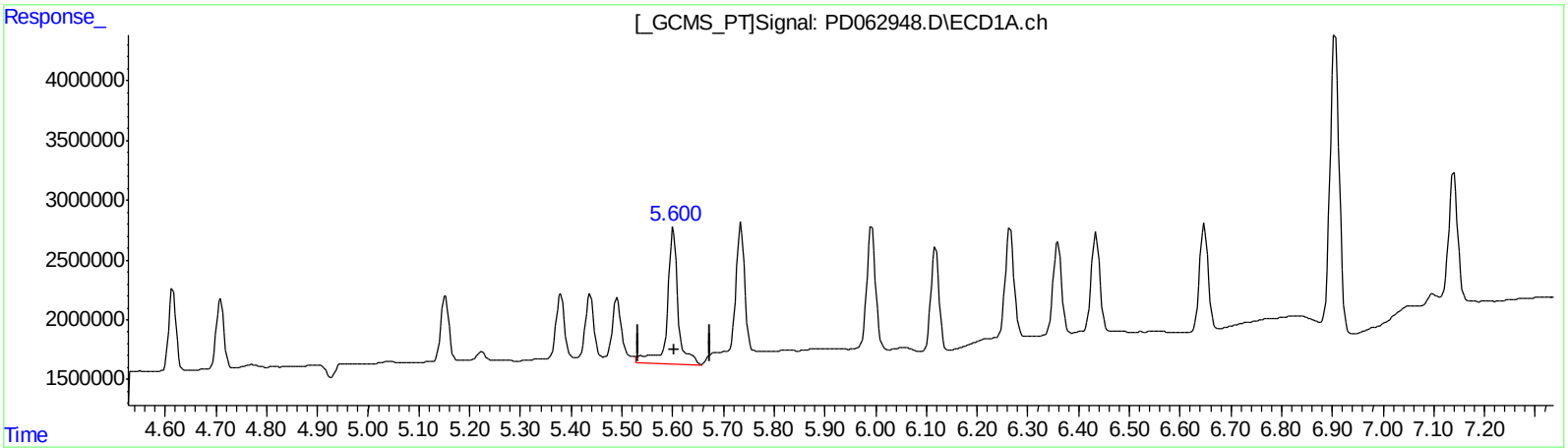

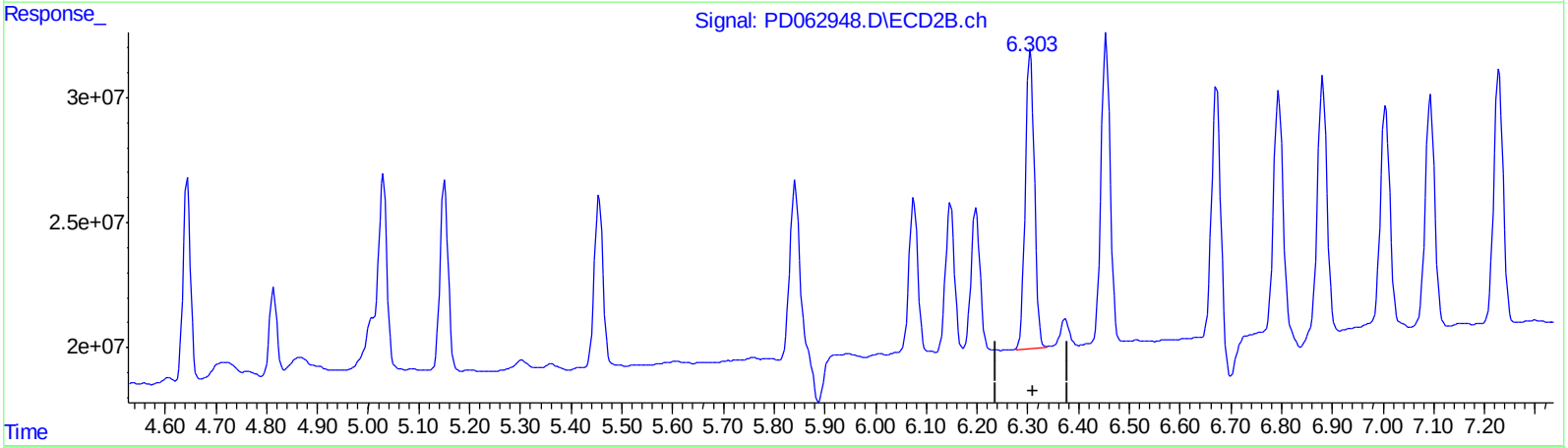

QEdit

(12) 4,4'-DDE (B)

5.602min 13.551 ng/ml

response 16770425

(12) 4,4'-DDE #2 (B)

6.305min 9.576 ng/ml

response 150048382

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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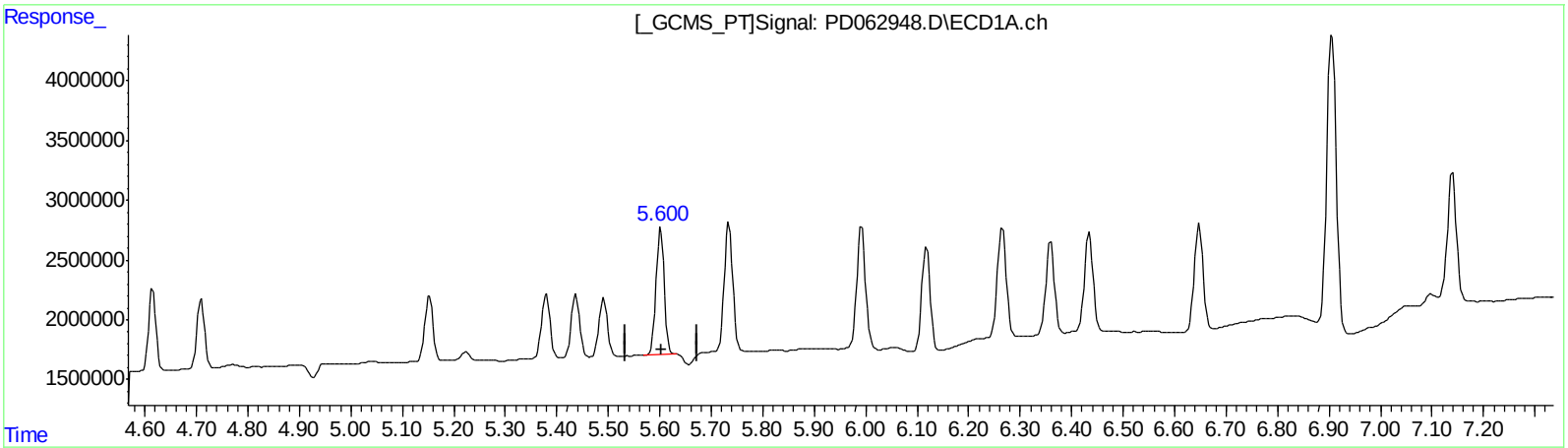
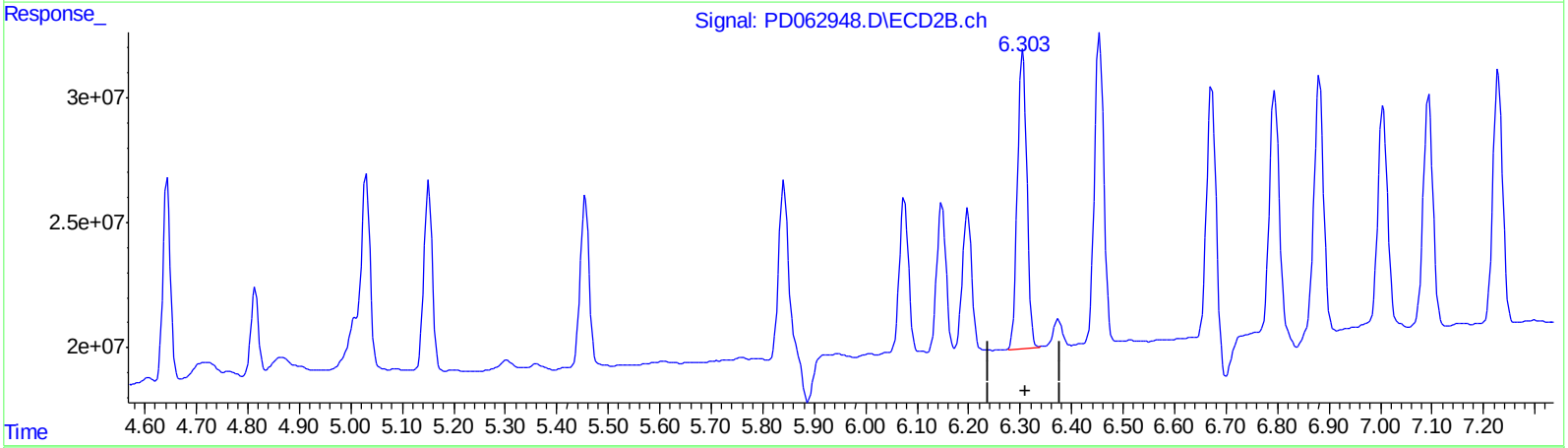




QEdit

(12) 4,4'-DDE (B)

5.600min 9.521 ng/ml m

response 11782390

(12) 4,4'-DDE #2 (B)

6.305min 9.576 ng/ml

response 150048382

(+) = Expected Retention Time

Quantitation Report (Qedit)

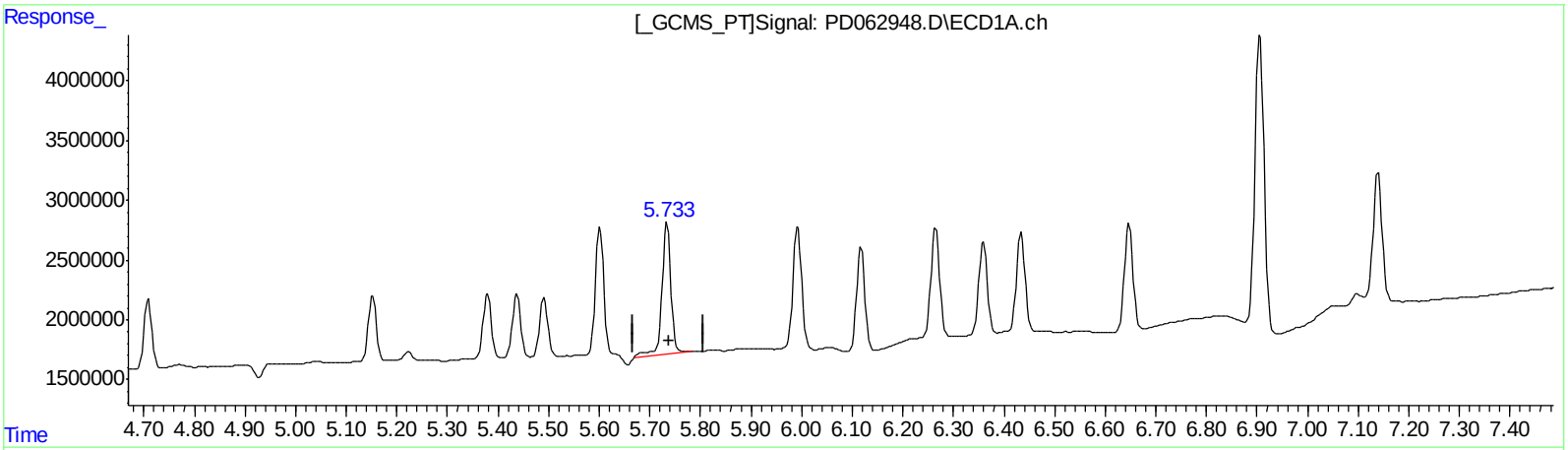
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2021 16:24
Operator : AR\AJ
Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

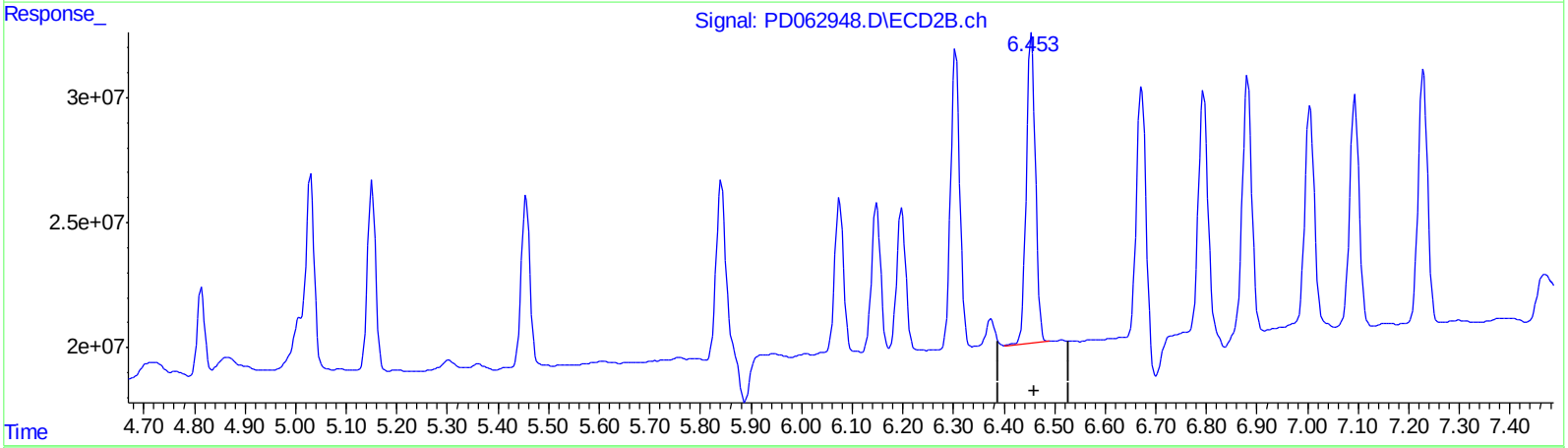
Instrument :
ECD_D
ClientSampleId :
PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 01:17:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





QEdit

(13) Dieldrin (MA)

5.734min 10.676 ng/ml

response 13457350

(13) Dieldrin #2 (MA)

6.454min 10.034 ng/ml

response 155596803

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2021 16:24
Operator : AR\AJ
Sample : PB136435BS
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ECD_D
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Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

Integration File signal 1: autoint1.e
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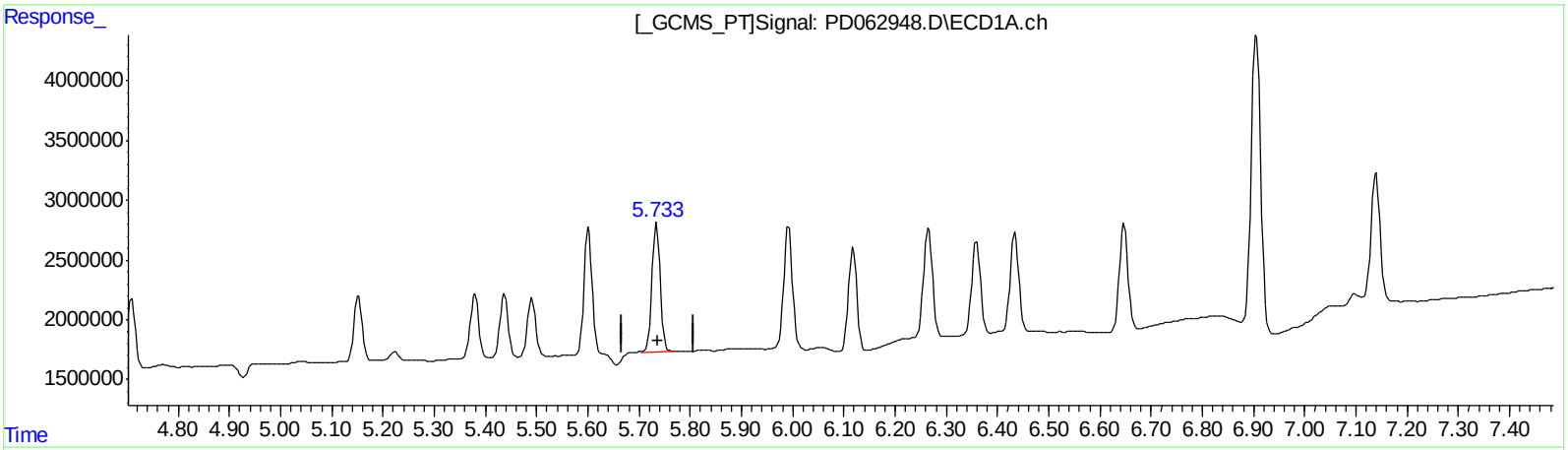

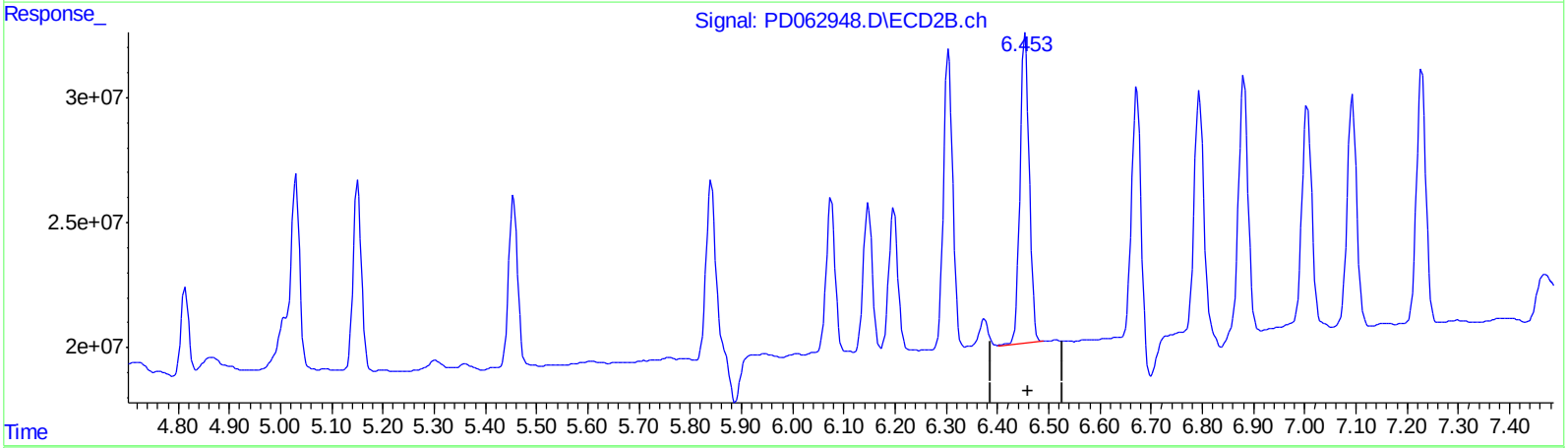

QEdit

(13) Dieldrin (MA)

5.733min 9.634 ng/ml m

response 12143999

(13) Dieldrin #2 (MA)

6.454min 10.034 ng/ml

response 155596803

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051521\
Data File : PD062948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2021 16:24
Operator : AR\AJ
Sample : PB136435BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 01:17:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 30 02:49:51 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument : ECD_D
ClientSampleId : PLCS435

Manual Integrations APPROVED
Ankita
5/18/2021 4:23:54 PM

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.441	3.971	19311650	222.0E6	20.171	18.286
27)	SA	Decachlor...	8.199	9.027	46671627	437.4E6	43.481	40.068
		Target Compounds						
2)	A	alpha-BHC	3.877	4.359	6914818	92496057	4.939	4.891
3)	MA	gamma-BHC...	4.159	4.644	7225847	84791170	5.409m	4.908
4)	MA	Heptachlor	4.461	5.151	6462273	85889970	5.033	4.935
5)	MB	Aldrin	4.710	5.454	6229296	82320935	4.782	4.759m
6)	B	beta-BHC	4.411	4.814	3488974	36739343	5.620	4.813
7)	B	delta-BHC	4.614	5.030	6601345	114.8E6	4.851m	6.189 #
8)	B	Heptachlo...	5.153	5.840	6211223	99155289	5.068	6.182m
9)	A	Endosulfan I	5.490	6.198	5867564	72398505	5.247m	4.936
10)	B	trans-Chl...	5.380	6.075	6509602	75392088	5.192	4.603
11)	B	cis-Chlor...	5.437	6.148	6901168	73995973	5.620	4.767
12)	B	4,4'-DDE	5.600	6.305	11782390	150.0E6	9.521m	9.576
13)	MA	Dieldrin	5.733	6.454	12143999	155.6E6	9.634m	10.034
14)	MA	Endrin	5.992	6.672	12667200	142.0E6	11.972	11.385
15)	B	Endosulfa...	6.265	6.881	10953285	142.6E6	10.561	11.394
16)	A	4,4'-DDD	6.118	6.795	9859147	136.4E6	9.901	10.973
17)	MA	4,4'-DDT	6.359	7.093	9040391	122.9E6	9.652	10.351
18)	B	Endrin al...	6.434	7.005	10113915	120.9E6	11.335	11.078
19)	B	Endosulfa...	6.648	7.229	10488635	132.1E6	10.493	10.355
20)	A	Methoxychlor	6.906	7.552	30857760	301.1E6	57.834	53.114
21)	B	Endrin ke...	7.140	7.698	12682501	124.4E6	10.822	10.111

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

AJ 05/19/21