

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
Data File : PD060103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

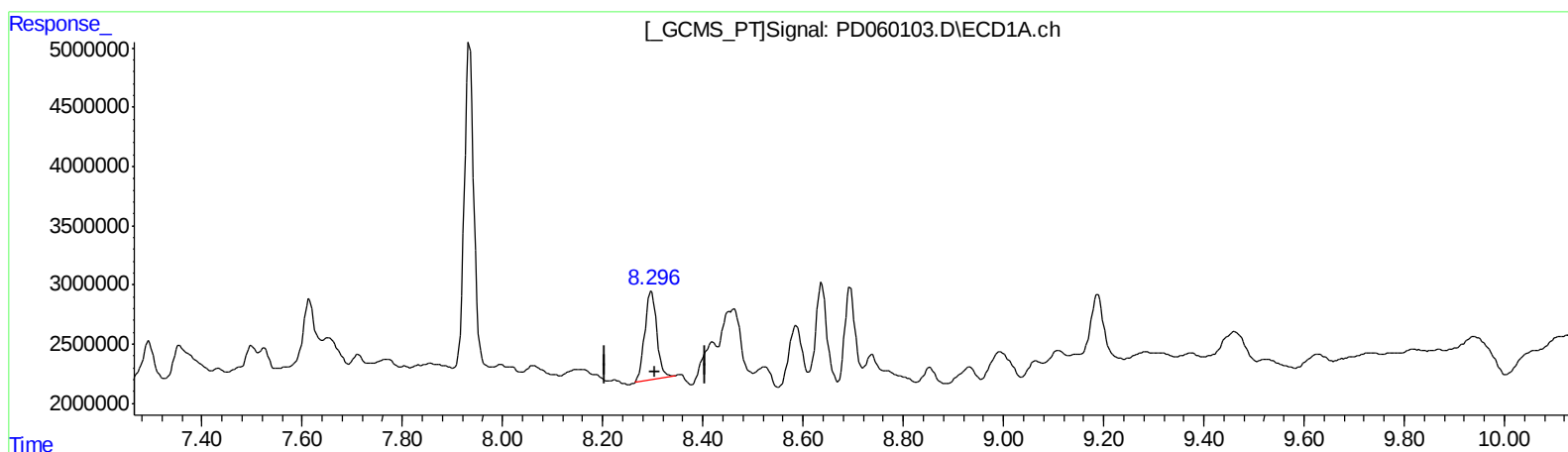
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
APPROVED

Ankita
11/19/2020 1:20:32 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 05:59:47 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 04 04:05:33 2020
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



(27) Decachlorobiphenyl (SA)

8.297min 14.887 ng/ml

response 12369054

(27) Decachlorobiphenyl #2 (SA)

9.106min 4.552 ng/ml

response 11198730

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
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Misc :
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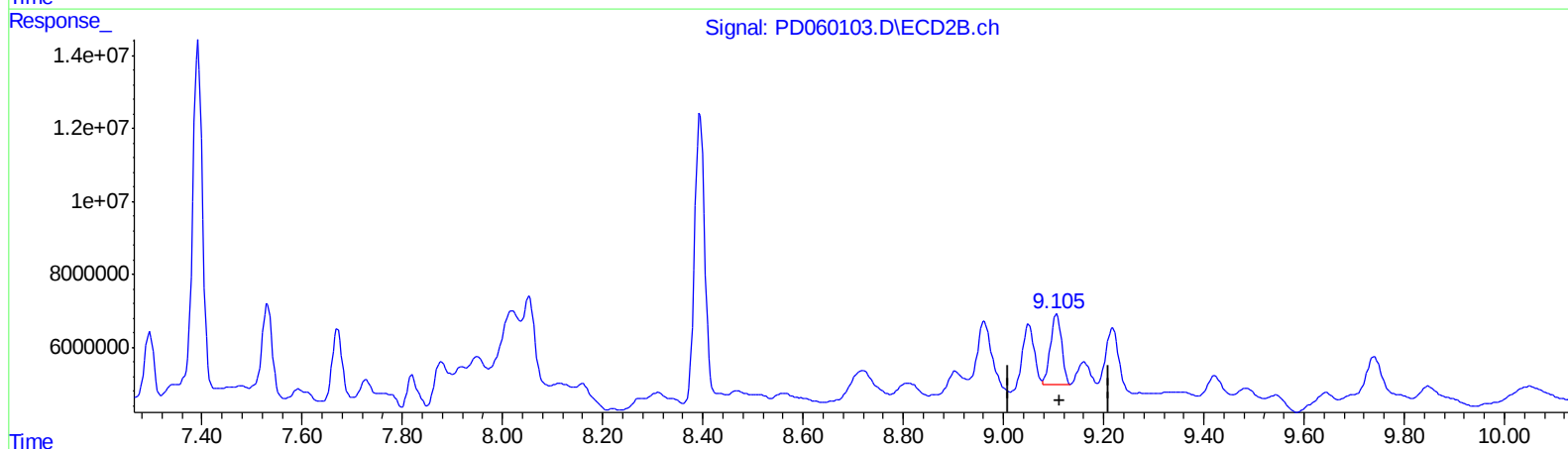
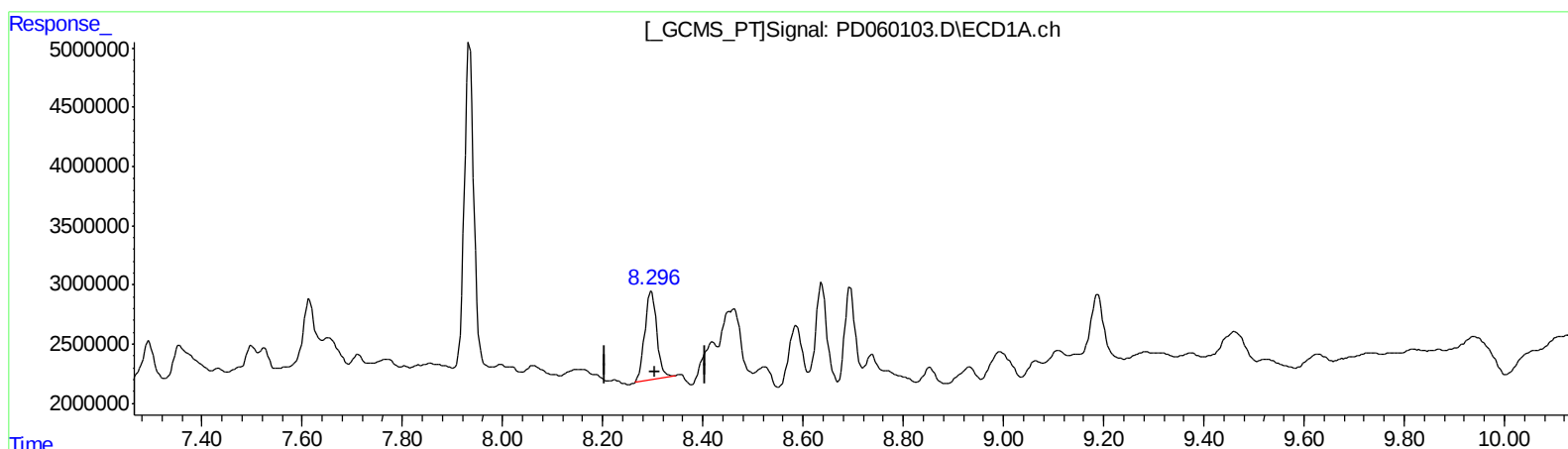
Instrument :
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C0AW8MS

Manual Integrations
APPROVED

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QEdit

(27) Decachlorobiphenyl (SA)

8.297min 14.887 ng/ml

response 12369054

(27) Decachlorobiphenyl #2 (SA)

9.105min 11.990 ng/ml m

response 29494775

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
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Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

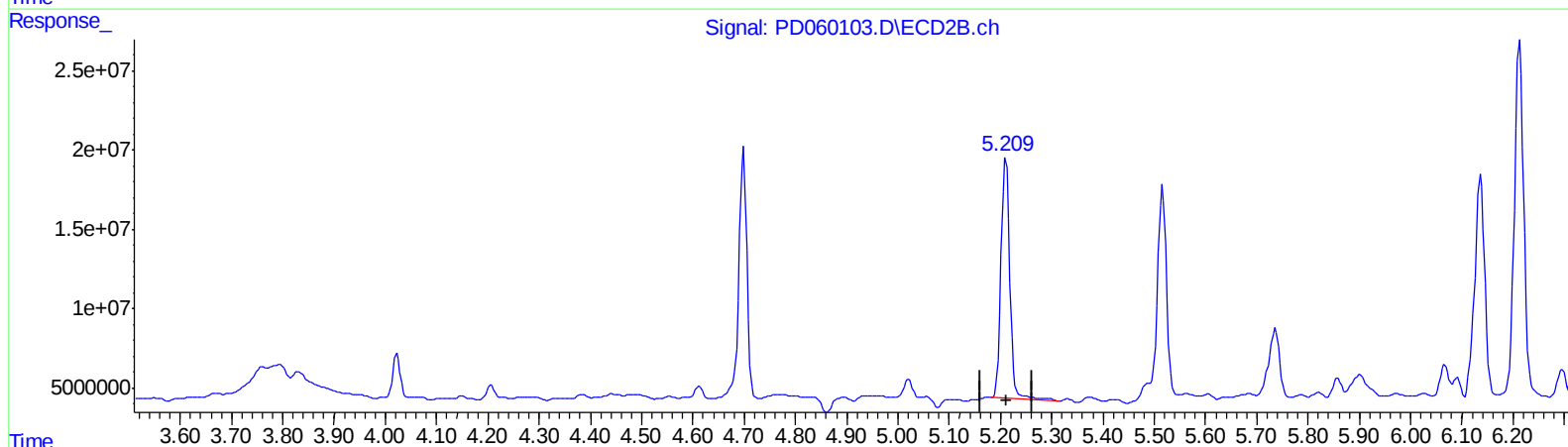
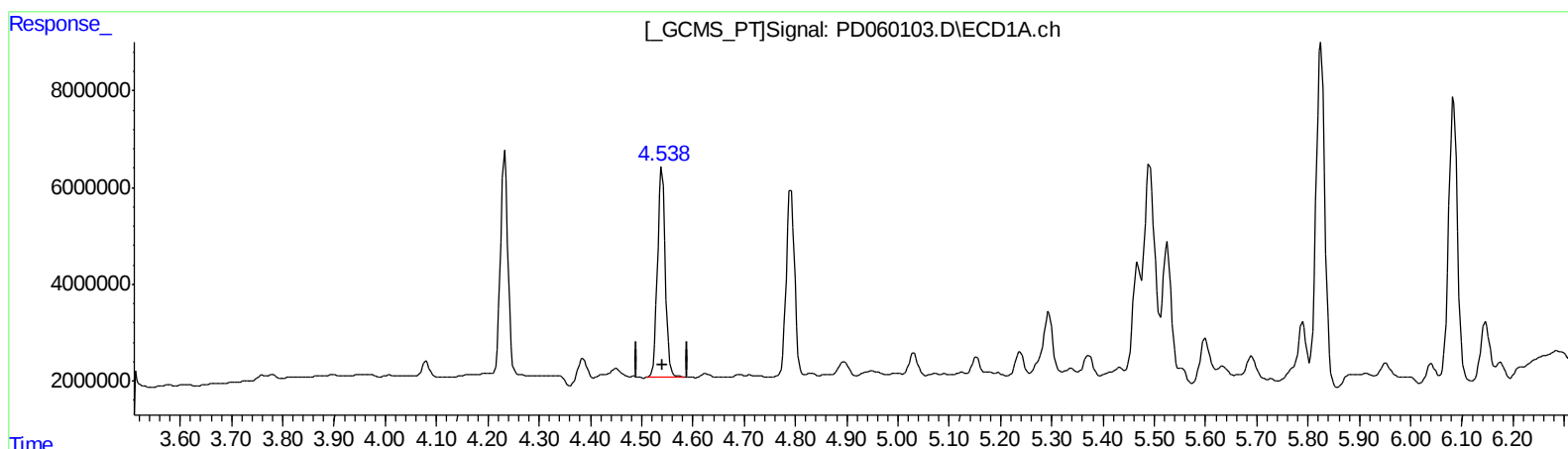
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ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110320CLP.M
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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

(4) Heptachlor (MA)
4.540min 39.078 ng/ml
response 45866246

(4) Heptachlor #2 (MA)
5.210min 45.203 ng/ml
response 179215721

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
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Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

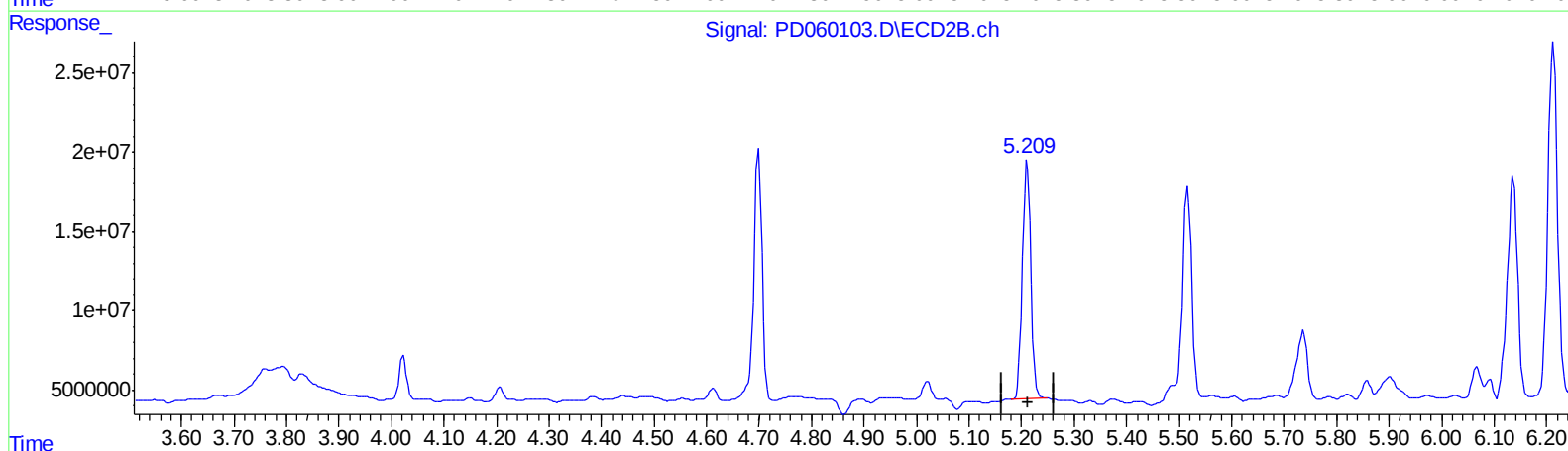
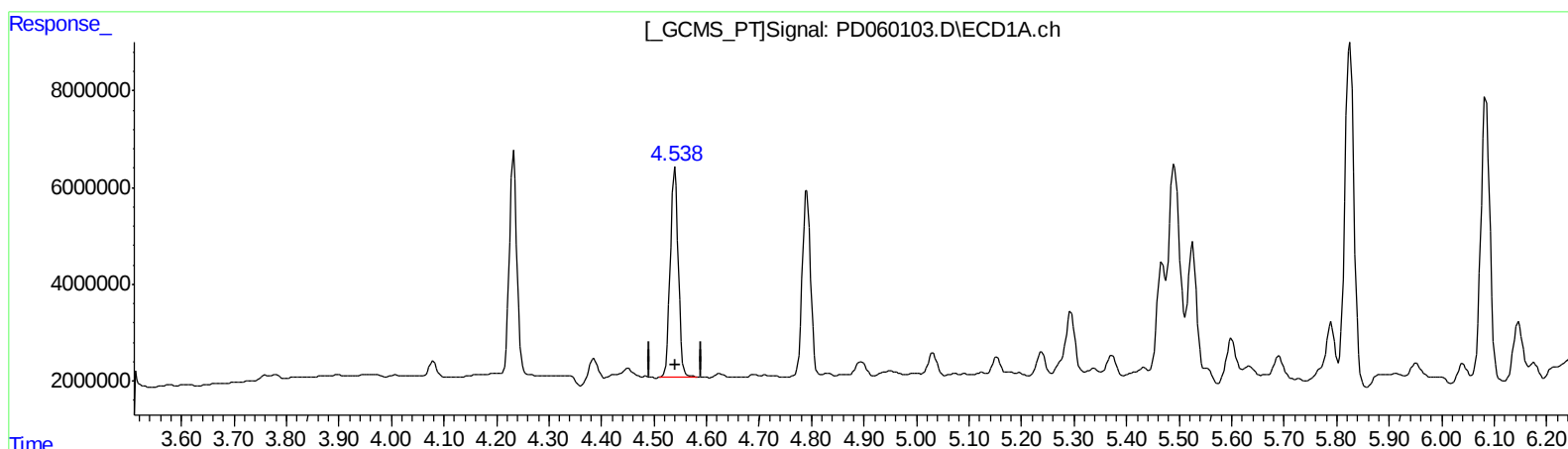
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
APPROVED

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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

(4) Heptachlor (MA)

4.540min 39.078 ng/ml

response 45866246

(4) Heptachlor #2 (MA)

5.209min 42.849 ng/ml m

response 169882949

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
Data File : PD060103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

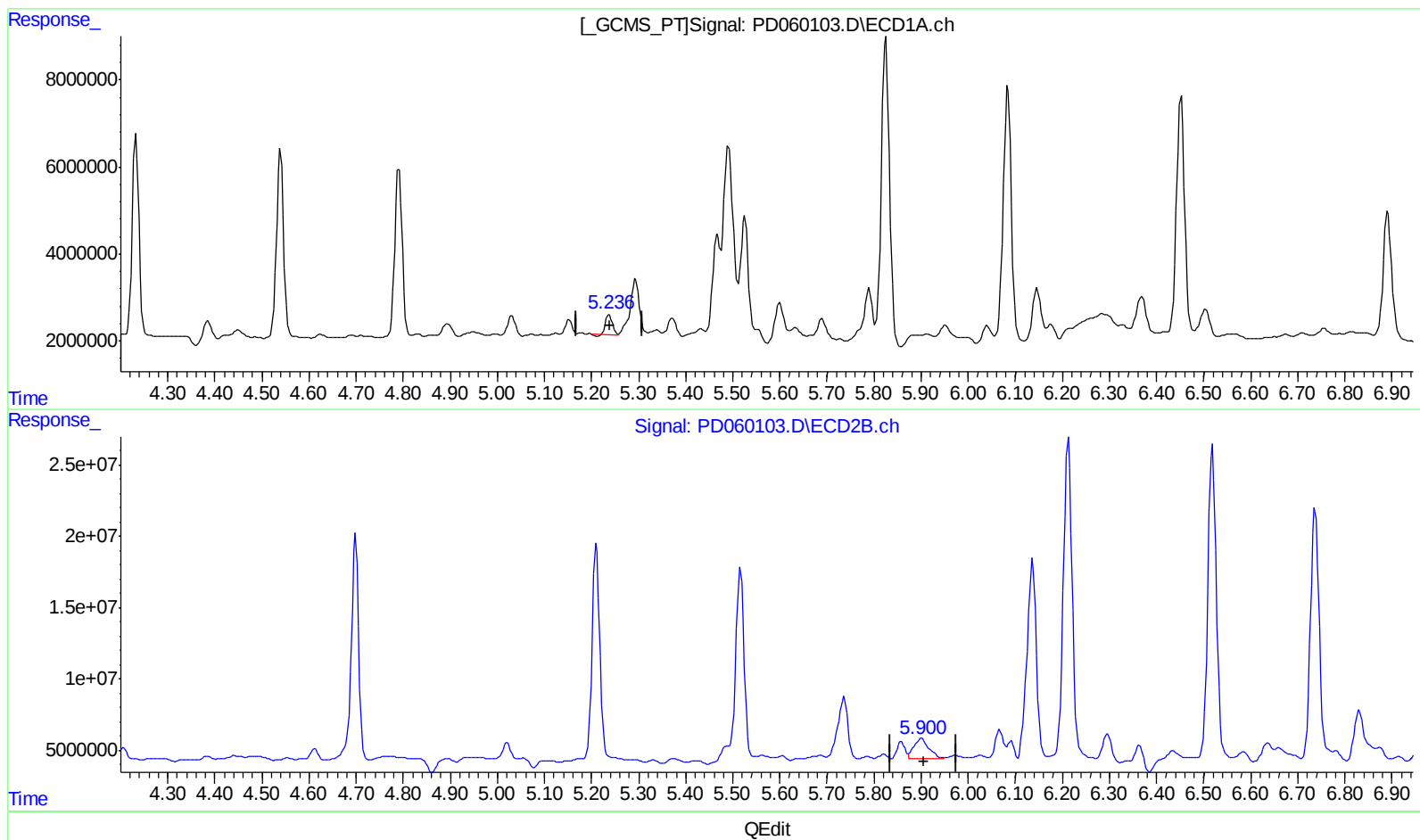
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
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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



(8) Heptachlor epoxide (B)

5.238min 4.671 ng/ml

response 4934073

(8) Heptachlor epoxide #2 (B)

5.901min 9.324 ng/ml

response 30711595

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
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Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

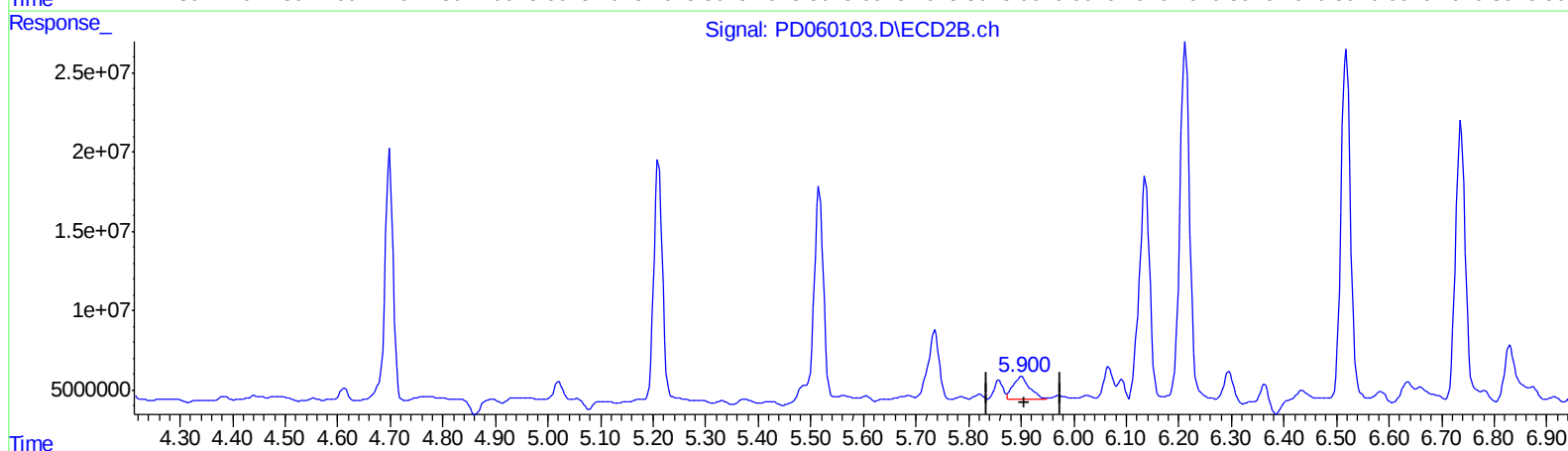
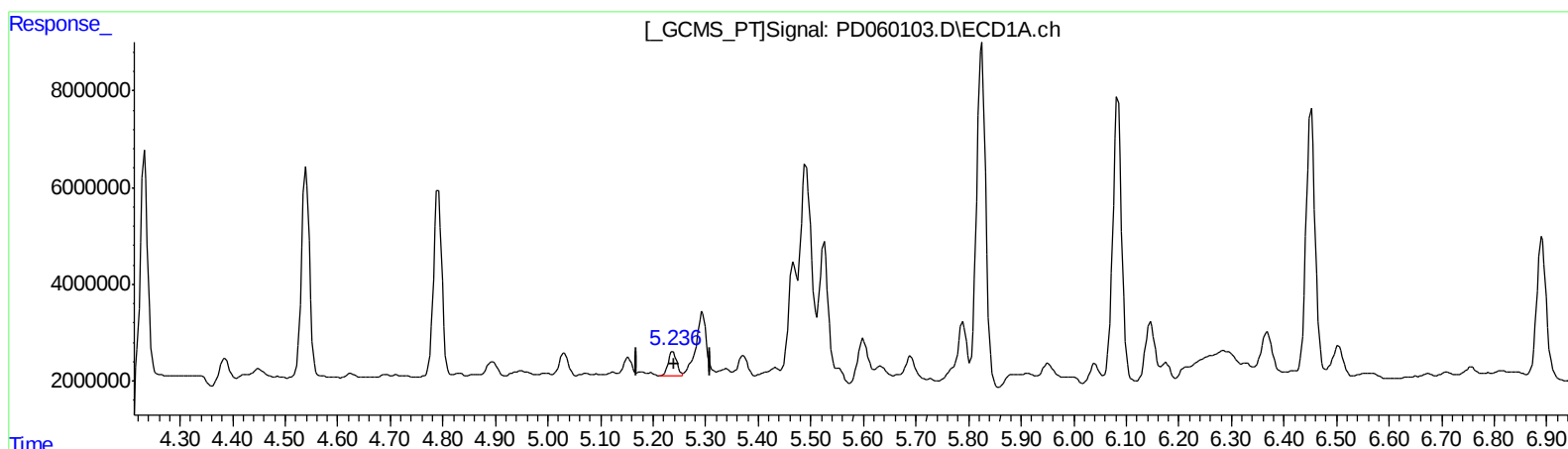
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
APPROVED

Ankita
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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

(8) Heptachlor epoxide (B)

5.236min 5.499 ng/ml m

response 5808778

(8) Heptachlor epoxide #2 (B)

5.901min 9.324 ng/ml

response 30711595

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
Data File : PD060103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

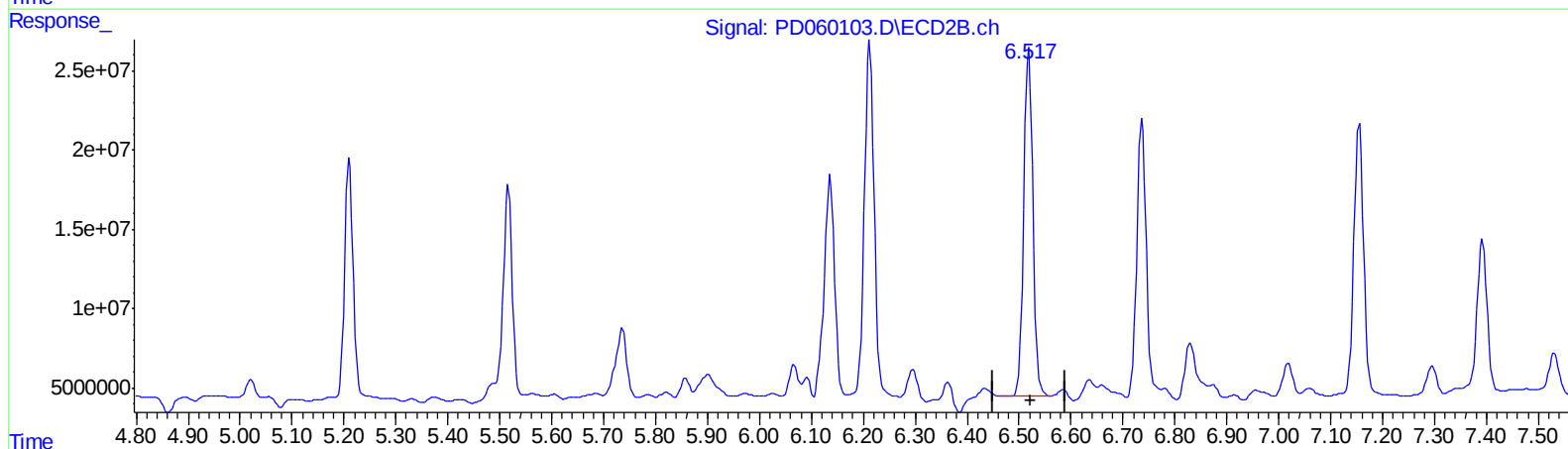
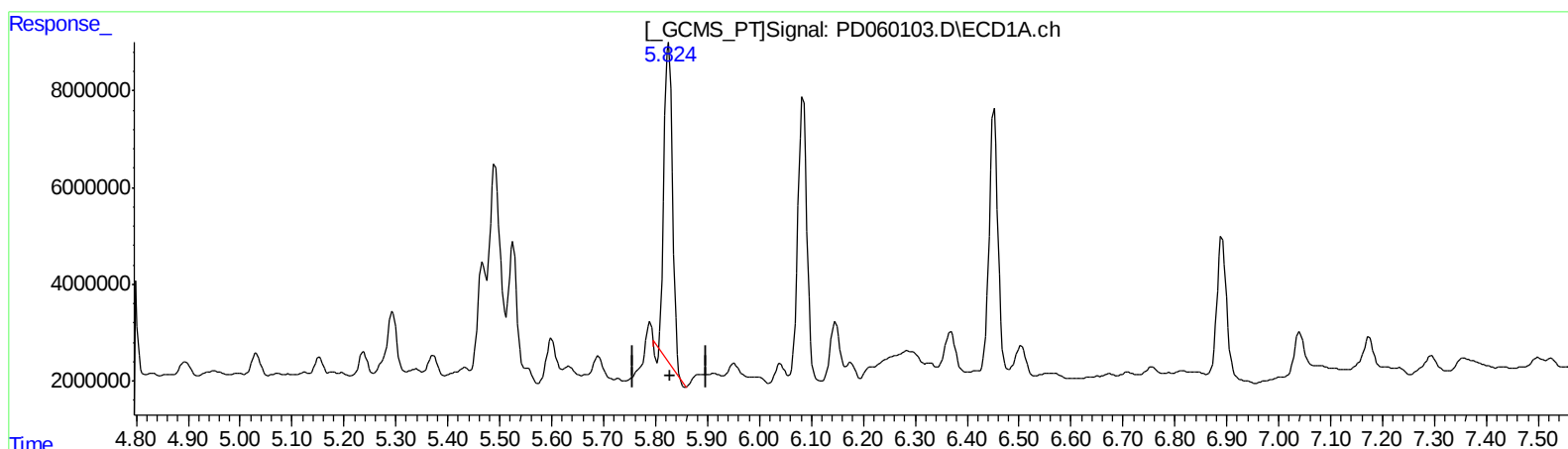
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
APPROVED

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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)
5.825min 66.709 ng/ml
response 72683184

(13) Dieldrin #2 (MA)
6.519min 78.186 ng/ml
response 273013925

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

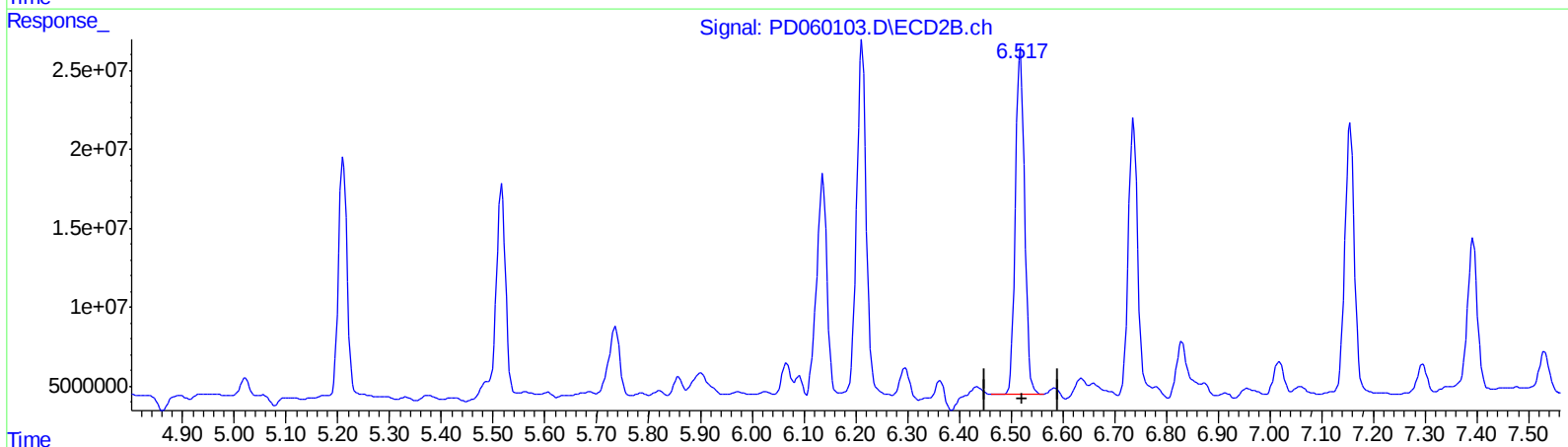
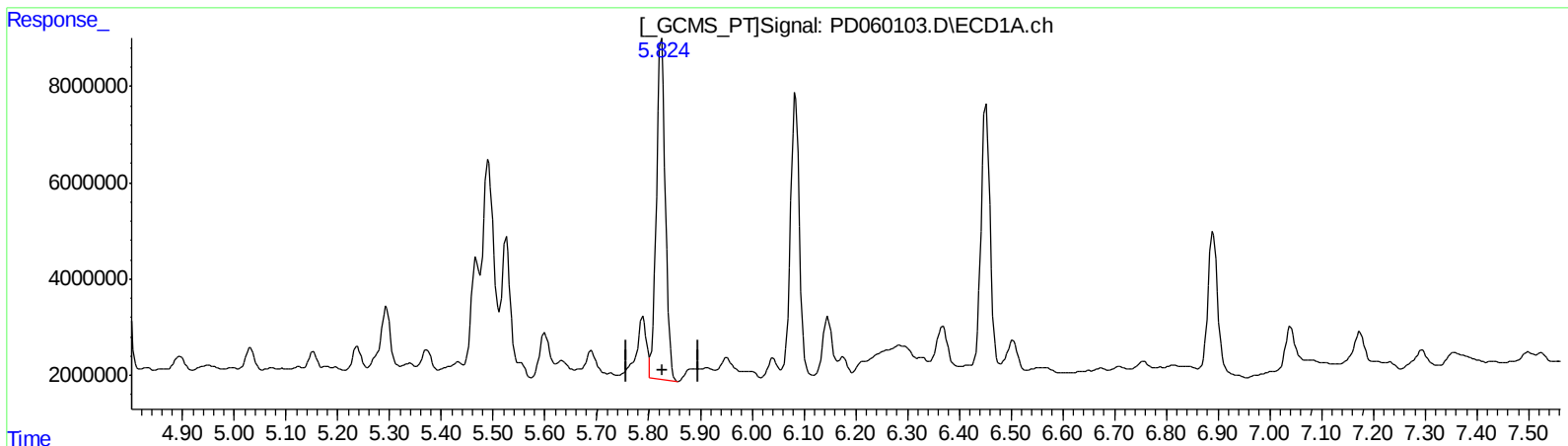
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
APPROVED

Ankita
11/19/2020 1:20:32 PM

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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)
5.824min 79.109 ng/ml m
response 86194603

(13) Dieldrin #2 (MA)
6.519min 78.186 ng/ml
response 273013925

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
Data File : PD060103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

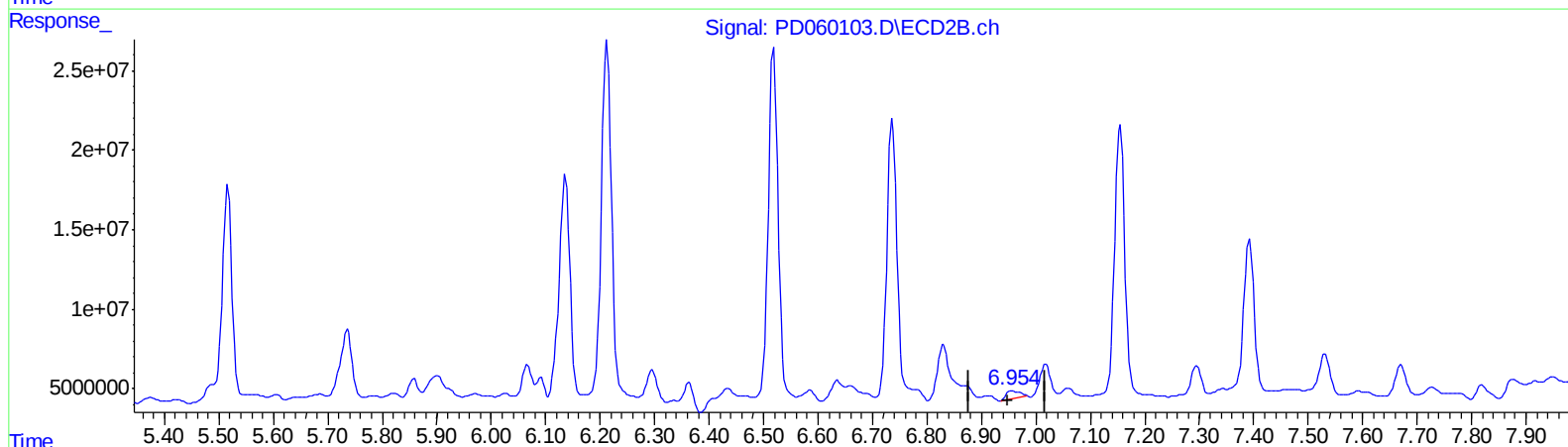
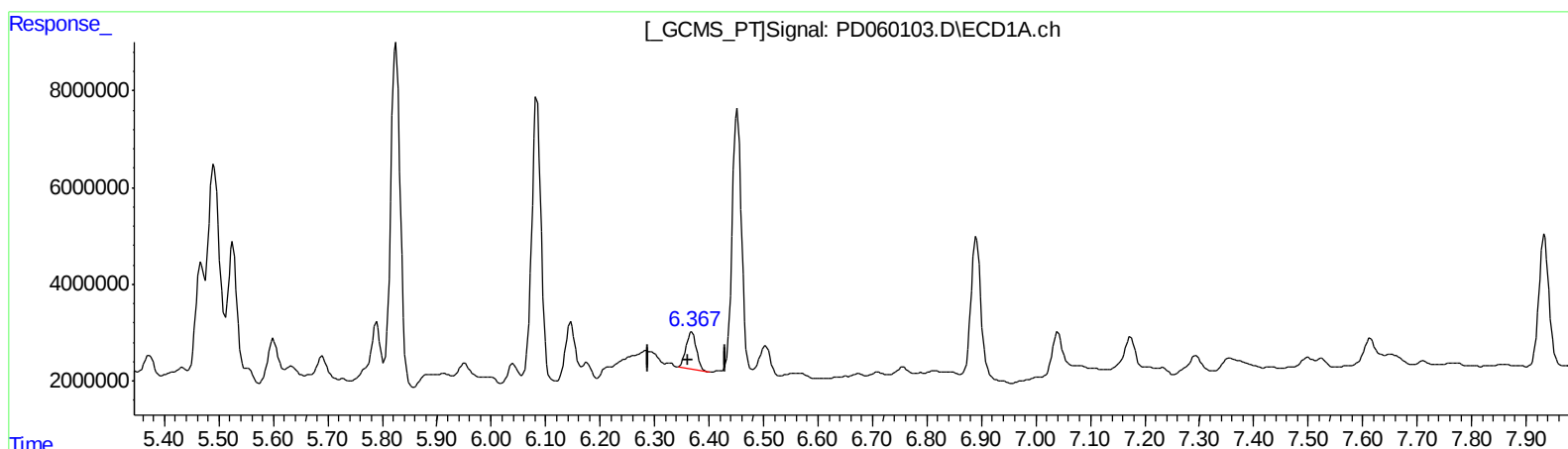
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
APPROVED

Ankita
11/19/2020 1:20:32 PM

Integration File signal 1: autoint1.e
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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

(15) Endosulfan II (B)

6.369min 11.214 ng/ml

response 10112487

(15) Endosulfan II #2 (B)

6.956min 3.060 ng/ml

response 8650778

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2020 11:28
Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

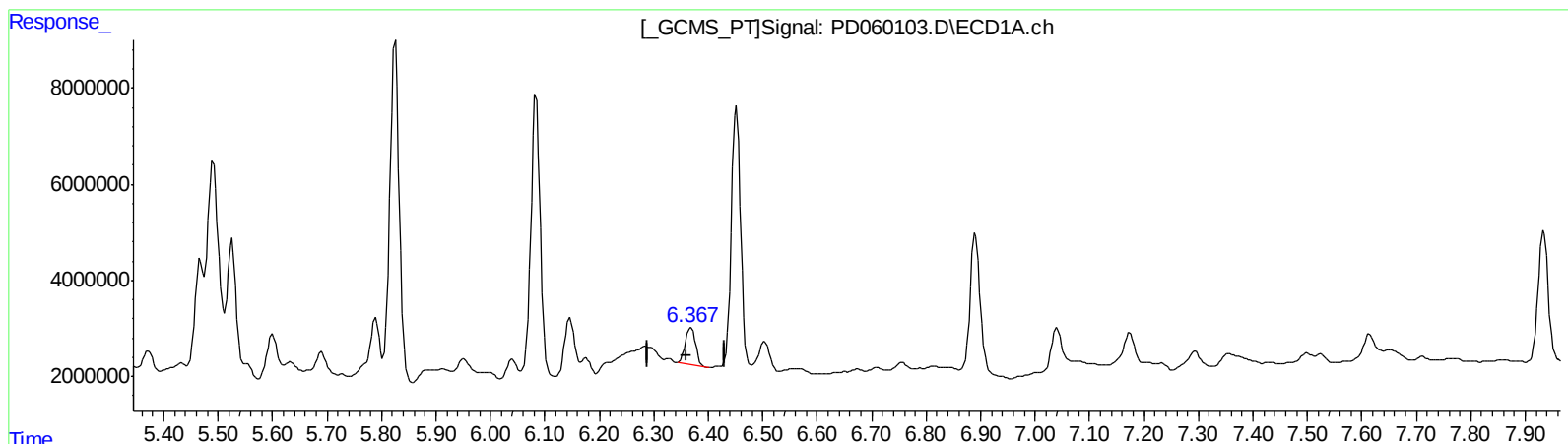
Instrument :
ECD_D
ClientSampleId :
C0AW8MS

Manual Integrations
APPROVED

Ankita
11/19/2020 1:20:32 PM

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(15) Endosulfan II (B)

6.369min 11.214 ng/ml

response 10112487

(15) Endosulfan II #2 (B)

6.954min 2.882 ng/ml m

response 8147780

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111820\
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Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

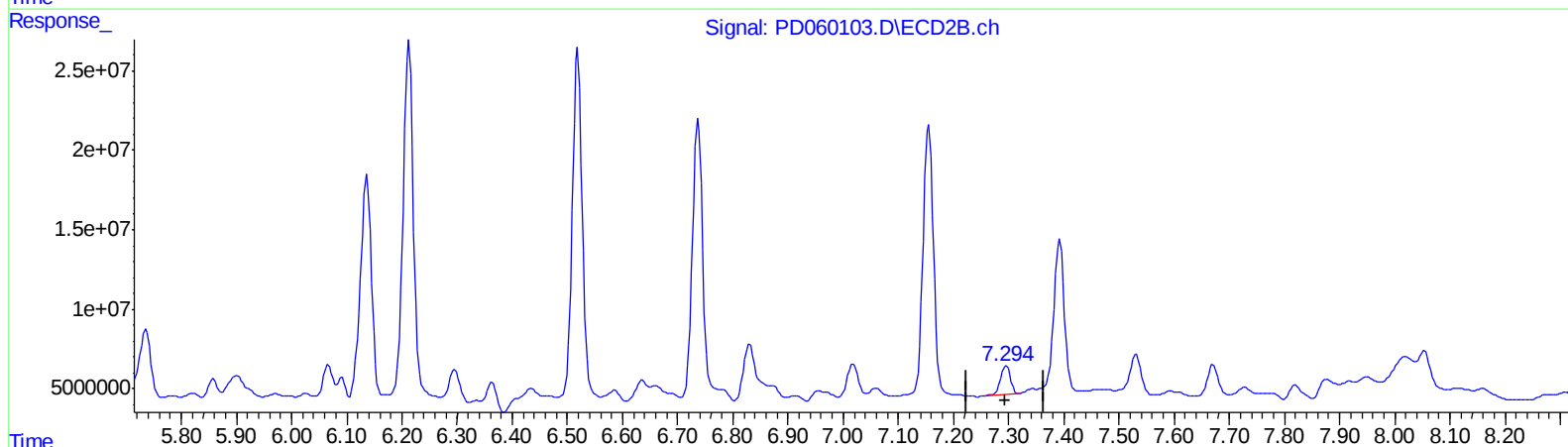
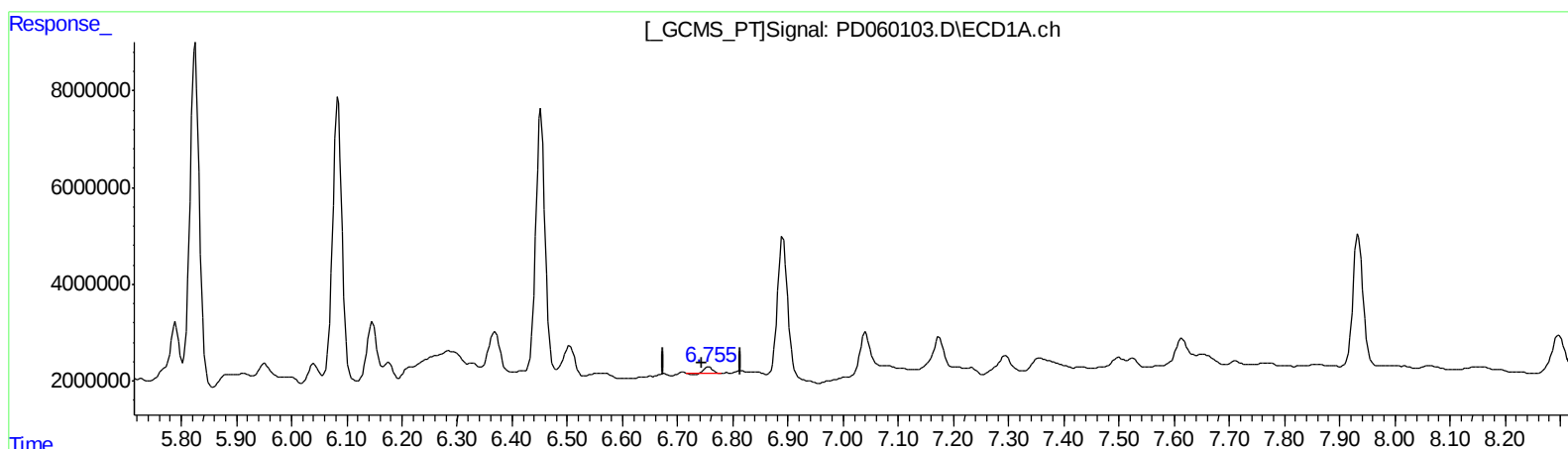
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Manual Integrations
APPROVED

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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(19) Endosulfan Sulfate (B)

6.756min 1.216 ng/ml

response 1062408

(19) Endosulfan Sulfate #2 (B)

7.296min 8.029 ng/ml

response 23147921

(+) = Expected Retention Time

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Operator : DD\AJ
Sample : L4710-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

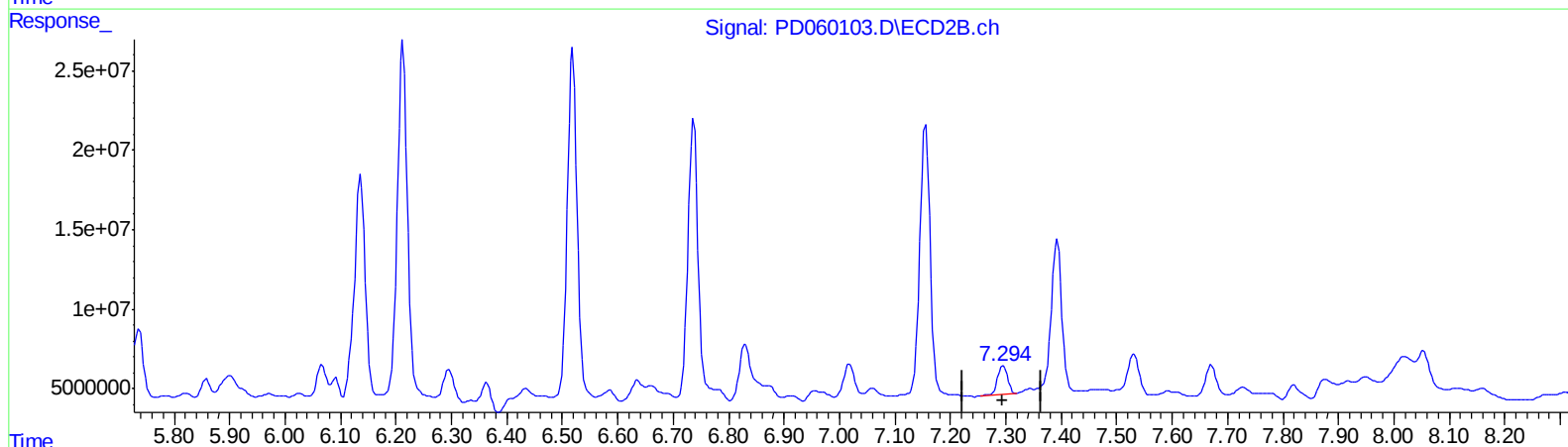
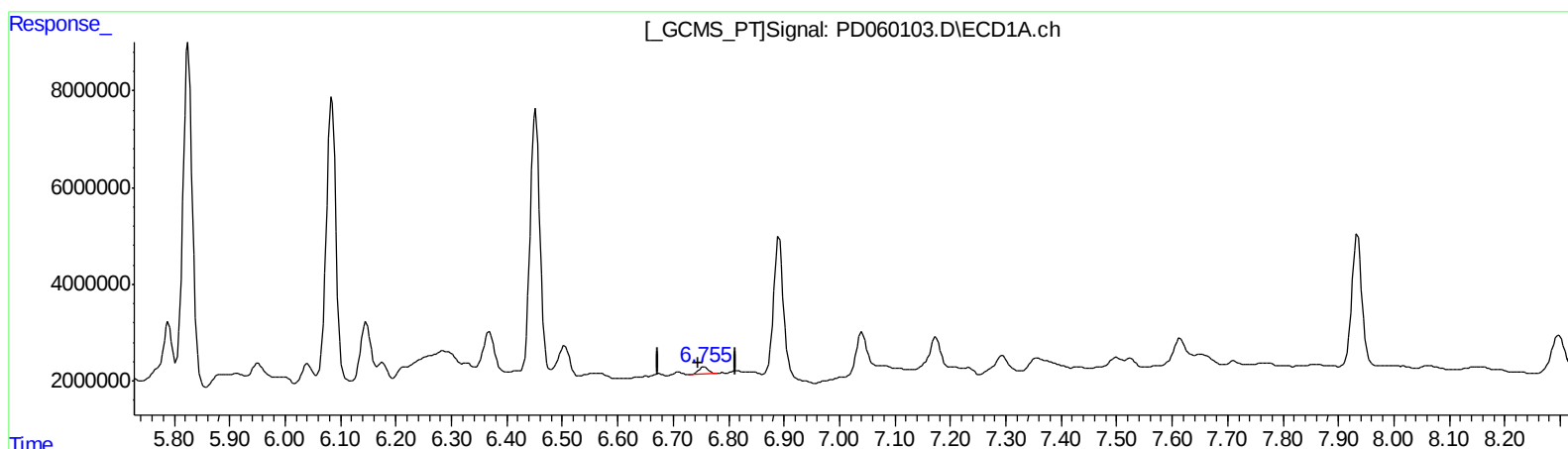
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Manual Integrations
APPROVED

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(19) Endosulfan Sulfate (B)

6.755min 2.051 ng/ml m

response 1792009

(19) Endosulfan Sulfate #2 (B)

7.296min 8.029 ng/ml

response 23147921

Quantitation Report (QT Reviewed)

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Instrument :
 ECD_D
 ClientSampleId :
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Manual Integrations
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 Integrator: ChemStation

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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.505	4.023	7831390	28781488	9.139	9.655
27) SA Decachlor...	8.297	9.105	12369054	29494775	14.887	11.990m
Target Compounds						
3) MA gamma-BHC...	4.233	4.699	44907481	174.3E6	36.738	43.059
4) MA Heptachlor	4.540	5.209	45866246	169.9E6	39.078	42.849m
5) MB Aldrin	4.791	5.517	41724209	150.6E6	36.343	40.598
8) B Heptachlo...	5.236	5.901	5808778	30711595	5.499m	9.324 #
10) B trans-Chl...	5.468	6.137	26374098	187.9E6	24.832	54.680 #
11) B cis-Chlor...	5.526	6.213	35507446	297.2E6	33.565	86.573 #
12) B 4,4'-DDE	5.690	6.364	7590688	18673771	7.427	5.775
13) MA Dieldrin	5.824	6.519	86194603	273.0E6	79.109m	78.186
14) MA Endrin	6.084	6.737	68142168	212.7E6	75.533	75.974
15) B Endosulfa...	6.369	6.954	10112487	8147780	11.214	2.882m#
17) MA 4,4'-DDT	6.452	7.155	63372661	222.1E6	70.511	81.610
19) B Endosulfa...	6.755	7.296	1792009	23147921	2.051m	8.029 #

AJ
 11/30/20

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