

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
Data File : PD062853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2021 15:58
Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

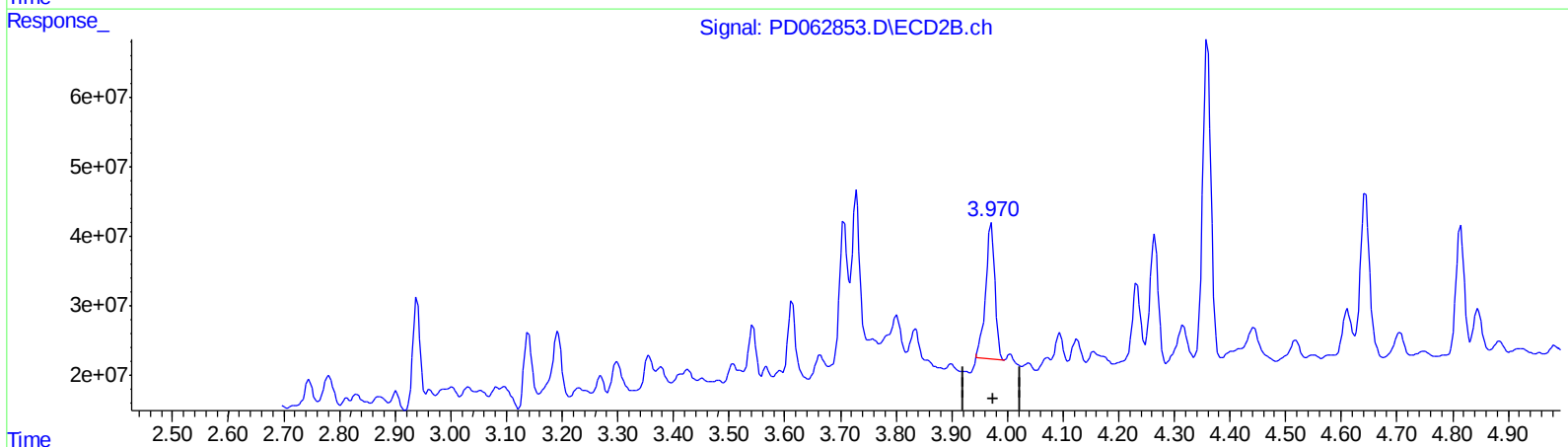
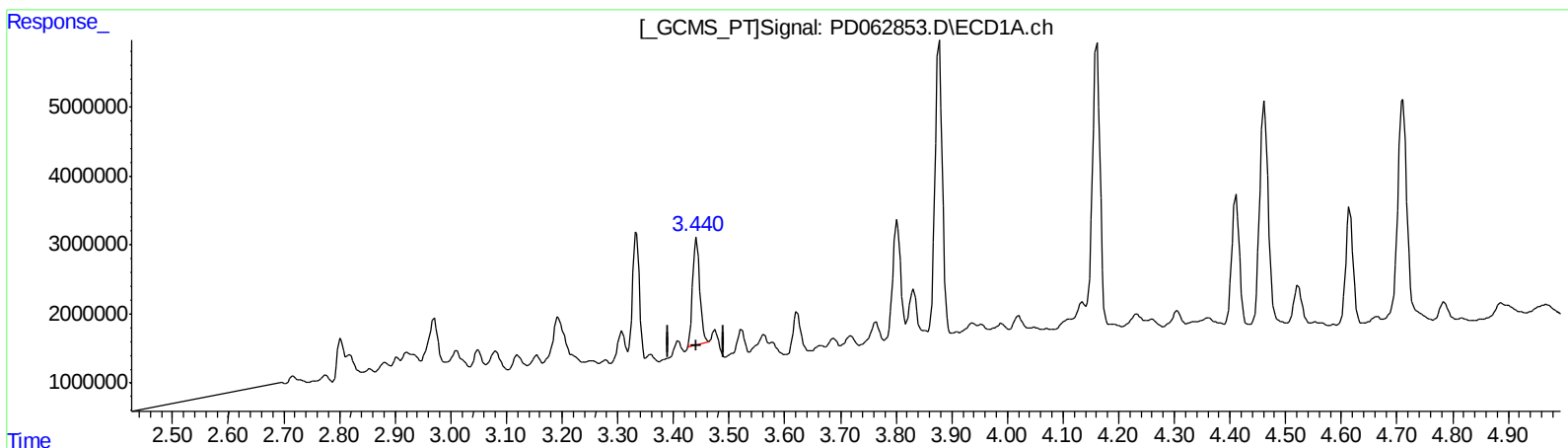
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
APPROVED

Ankita
5/11/2021 9:39:07 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 23:13:18 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

(1) Tetrachloro-m-xylene (SA)

3.442min 14.558 ng/ml

response 13937742

(1) Tetrachloro-m-xylene #2 (SA)

3.971min 18.392 ng/ml

response 223334997

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

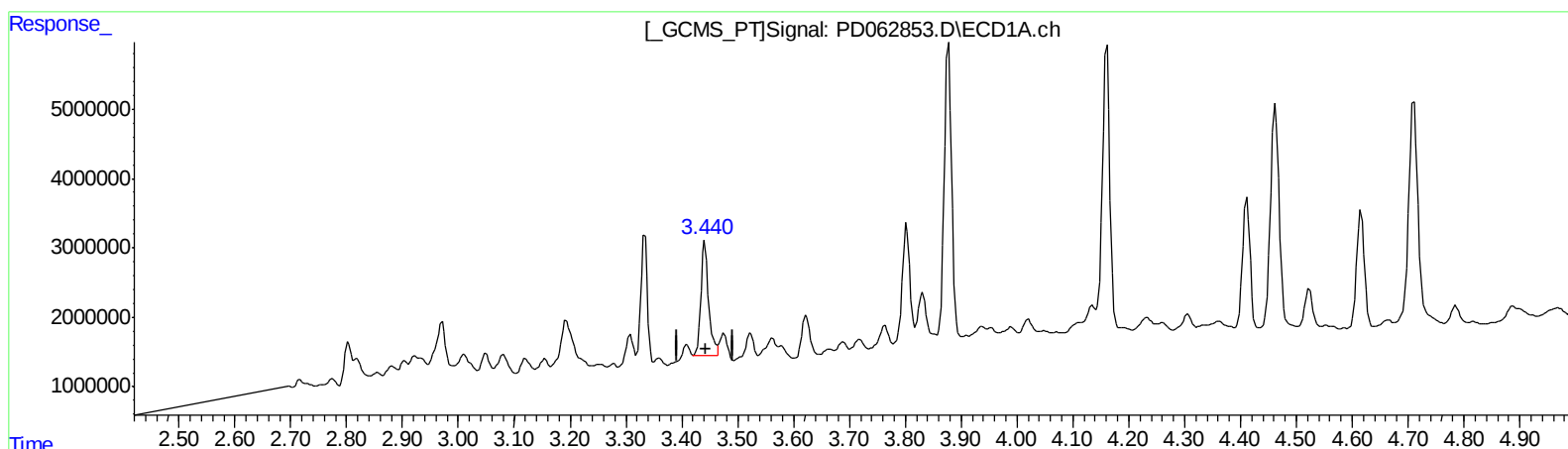
Instrument :
ECD_D
ClientSampleId :
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(1) Tetrachloro-m-xylene (SA)

3.440min 17.496 ng/ml m

response 16750429

(1) Tetrachloro-m-xylene #2 (SA)

3.970min 17.483 ng/ml m

response 212296304

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

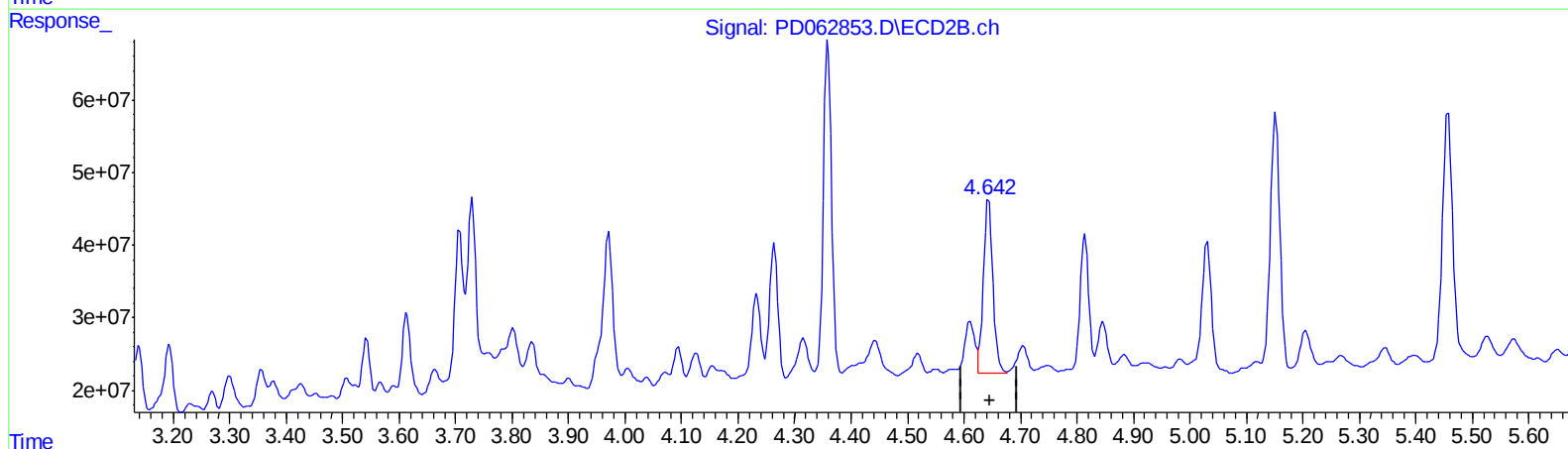
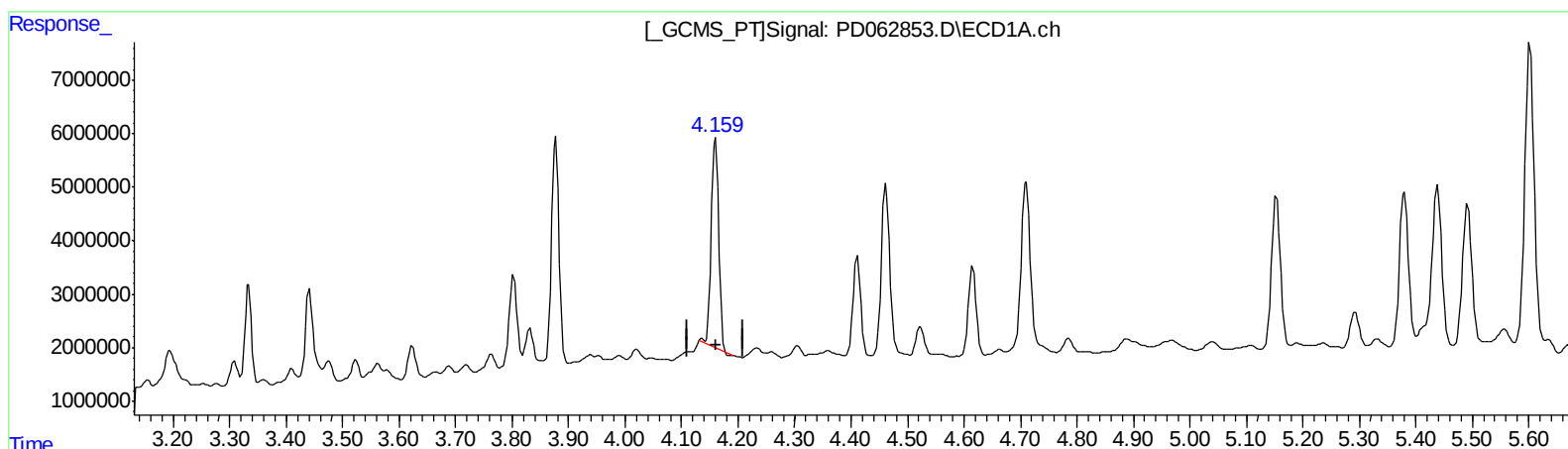
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
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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)

4.161min 26.655 ng/ml

response 35606210

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

4.643min 16.078 ng/ml

response 277738440

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Acq On : 10 May 2021 15:58
Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

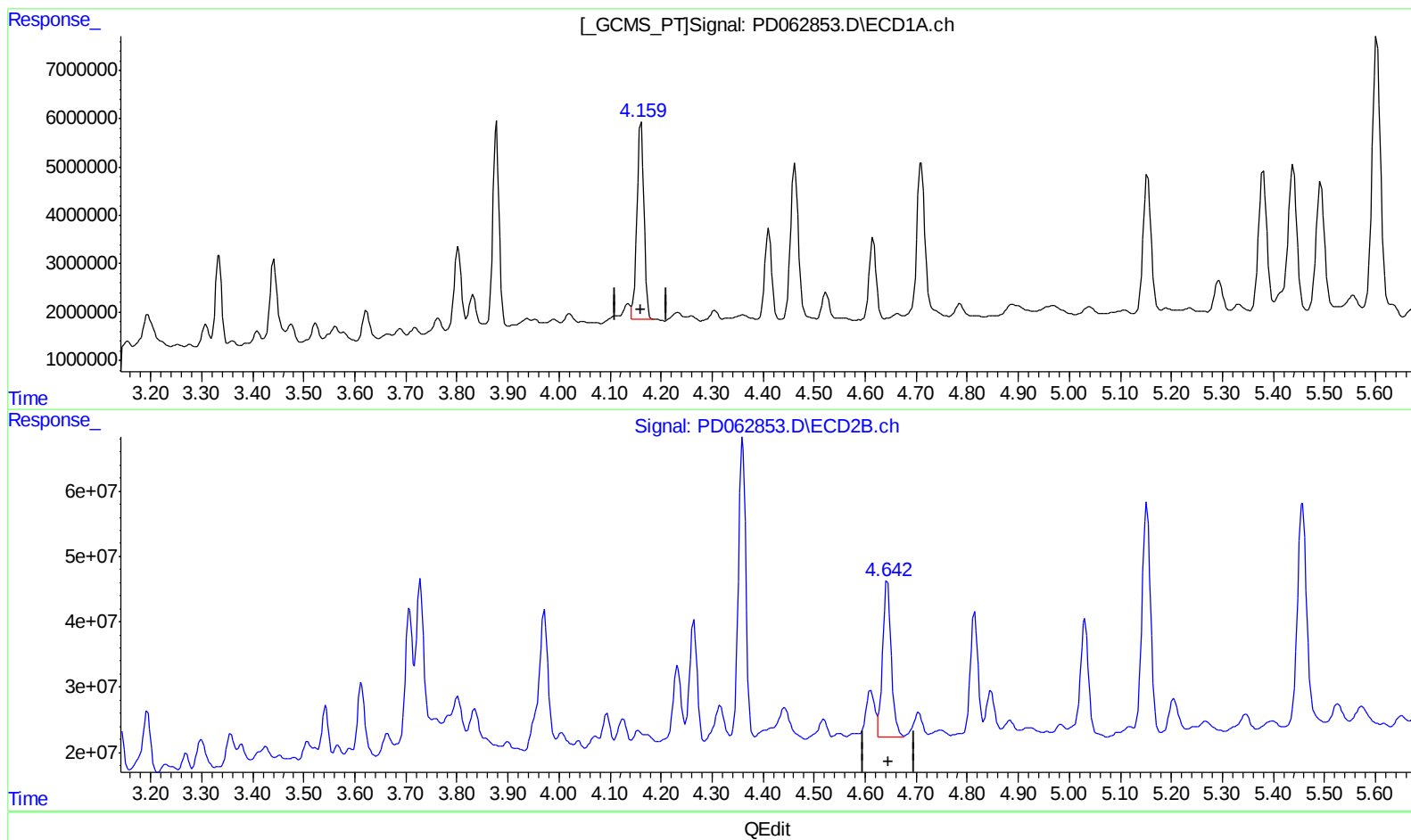
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
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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



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

4.159min 29.180 ng/ml m

response 38979320

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

4.643min 16.078 ng/ml

response 277738440

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

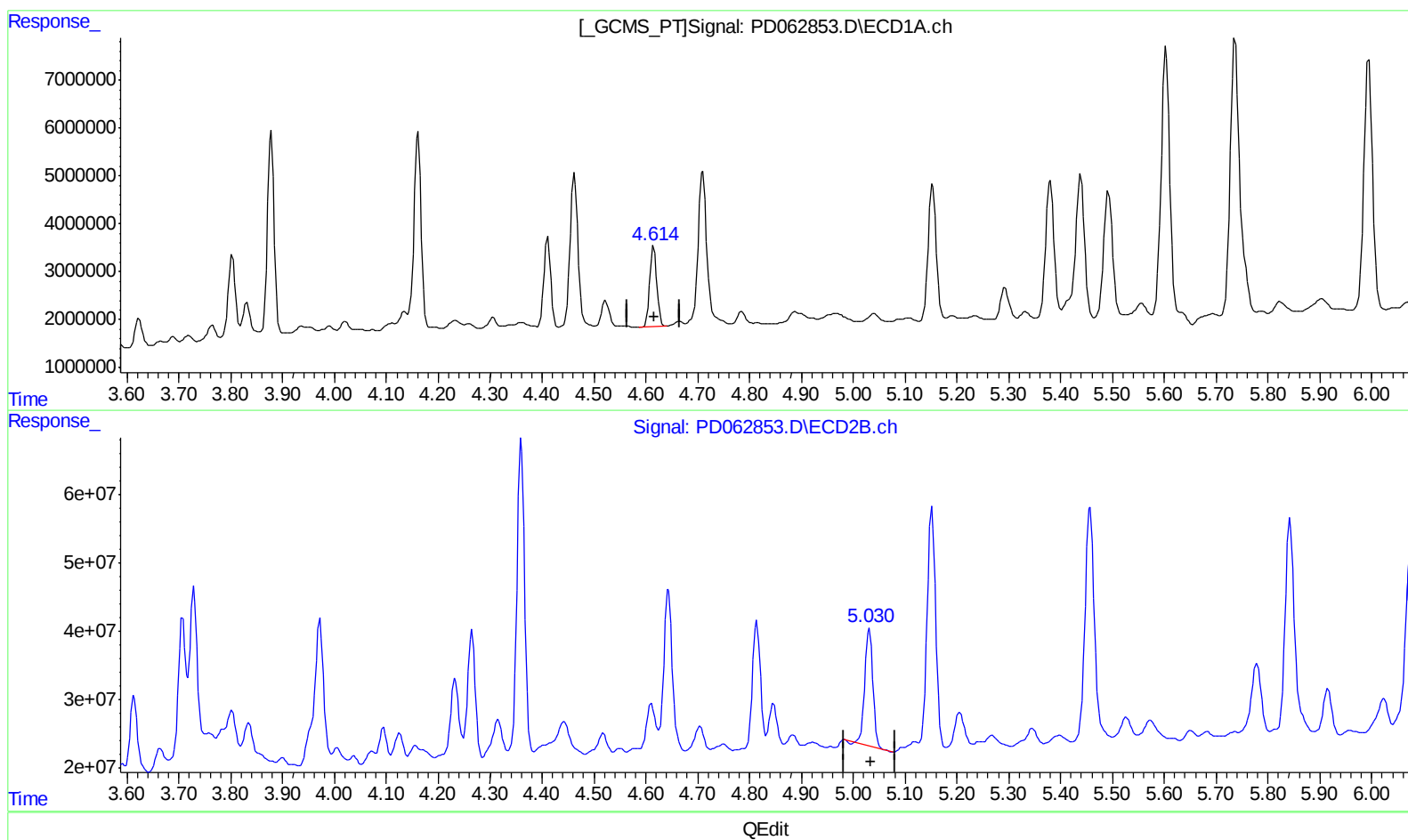
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
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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



(7) delta-BHC (B)
4.616min 11.656 ng/ml
response 15860689

(7) delta-BHC #2 (B)
5.031min 10.193 ng/ml
response 189107637

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

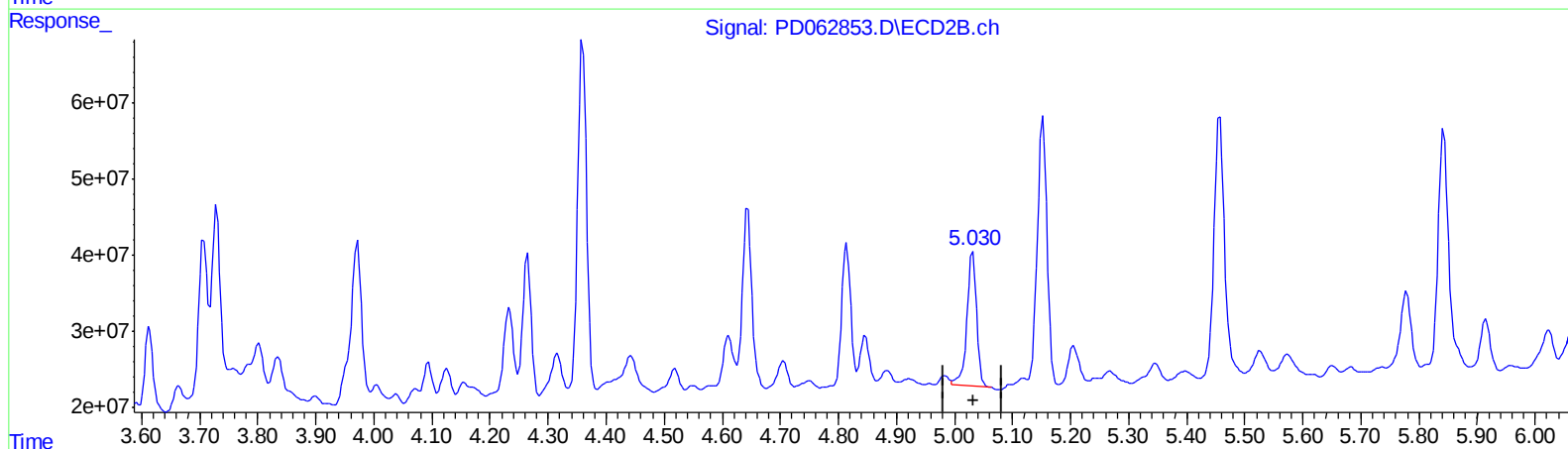
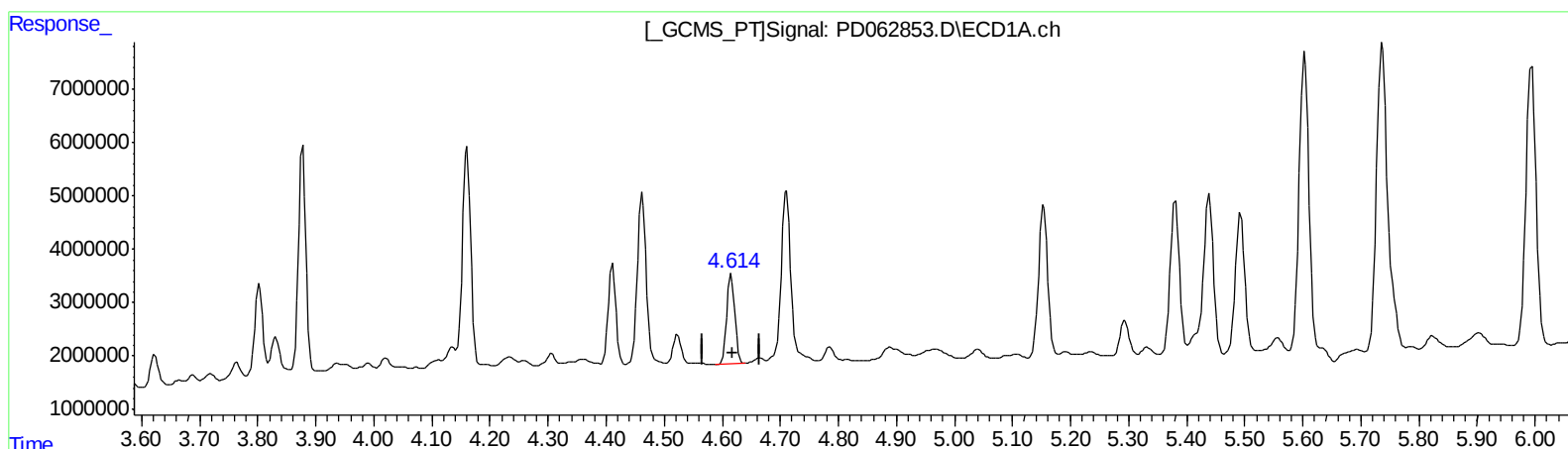
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
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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

(7) delta-BHC (B)

4.616min 11.656 ng/ml

response 15860689

(7) delta-BHC #2 (B)

5.030min 11.137 ng/ml m

response 206616993

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

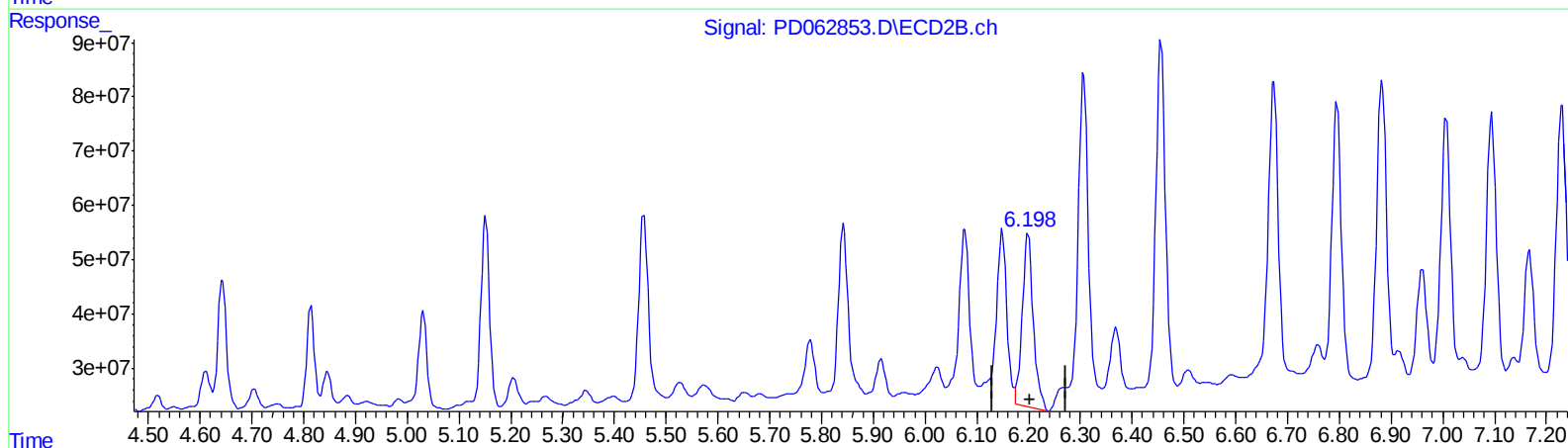
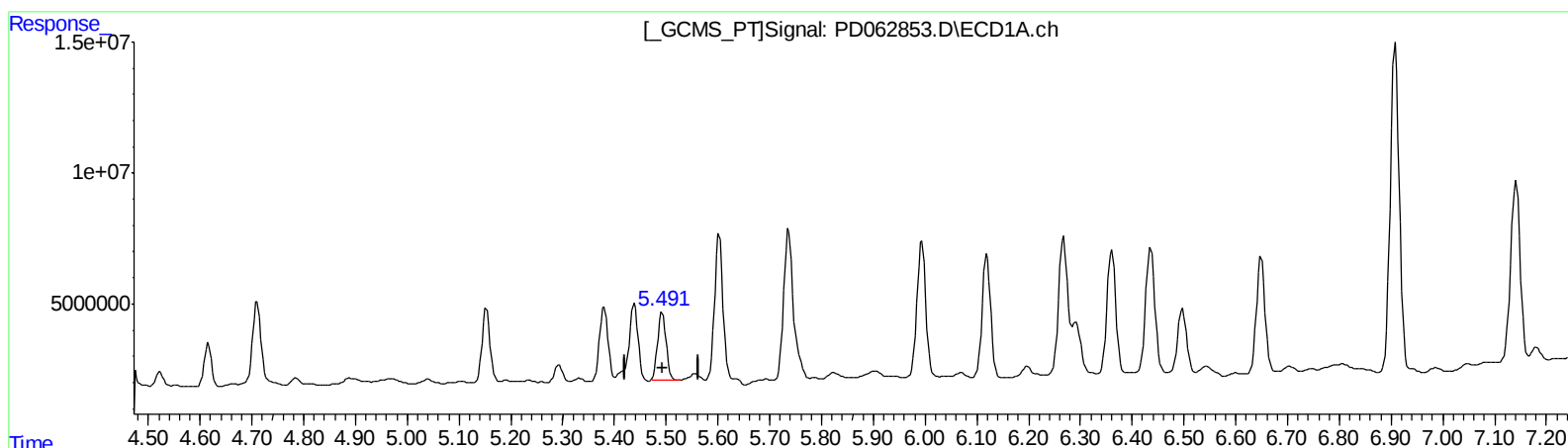
Instrument :
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ClientSampleId :
BG6K9MS

Manual Integrations
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QEdit

(9) Endosulfan I (A)
5.493min 25.732 ng/ml
response 28773425

(9) Endosulfan I #2 (A)
6.199min 32.526 ng/ml
response 477054905

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

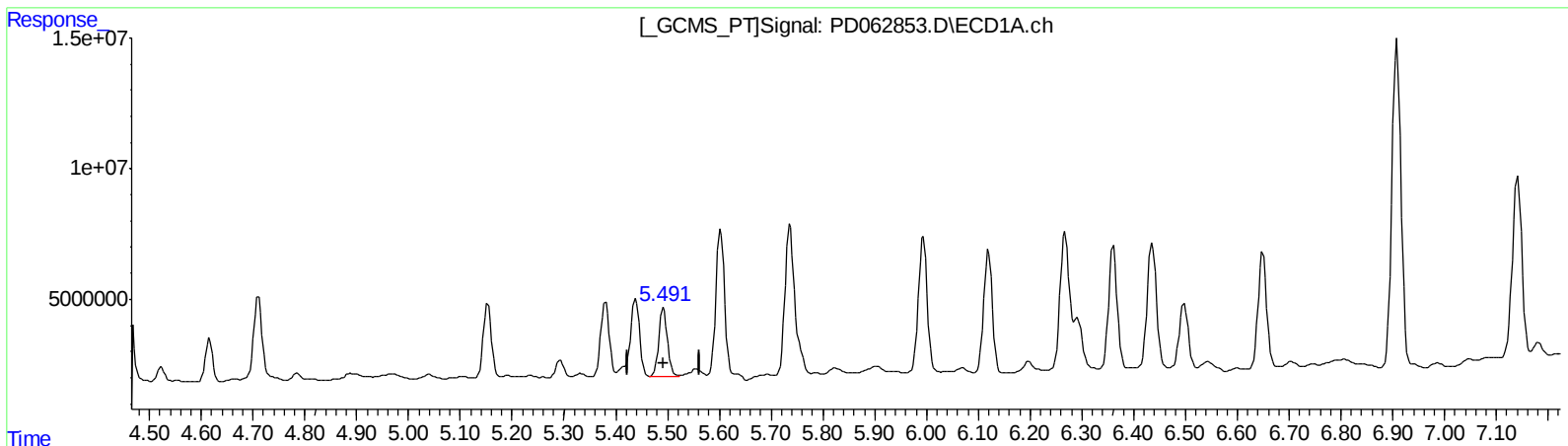
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

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



(9) Endosulfan I (A)
5.491min 27.683 ng/ml m
response 30954909

(9) Endosulfan I #2 (A)
6.198min 27.033 ng/ml m
response 396491998

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

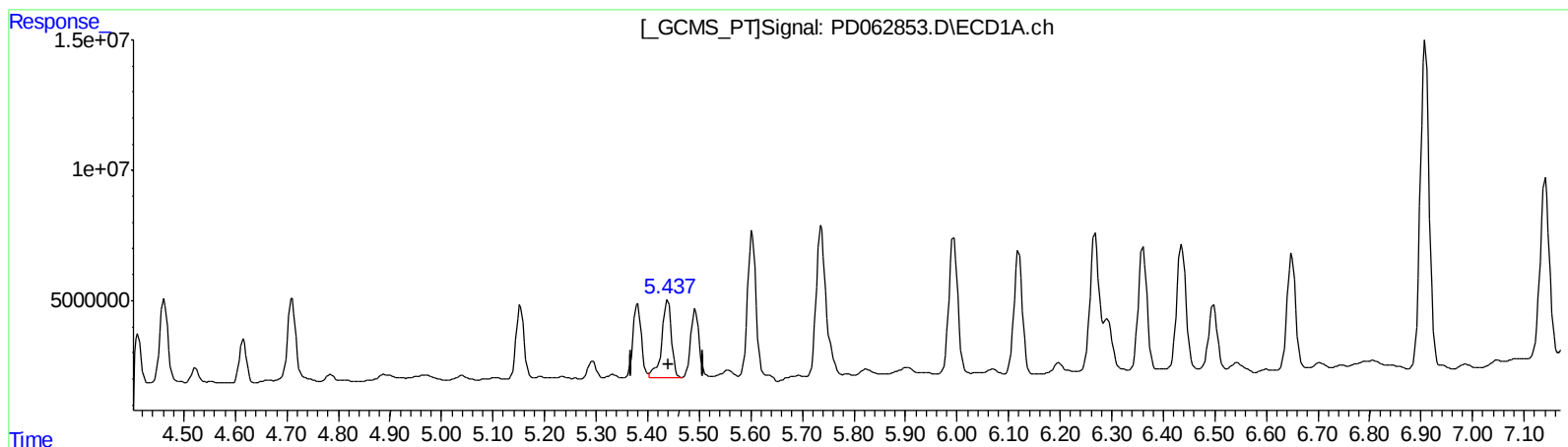
Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(11) cis-Chlordane (B)

5.439min 31.489 ng/ml

response 38666200

(11) cis-Chlordane #2 (B)

6.148min 25.312 ng/ml m

response 392897294

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

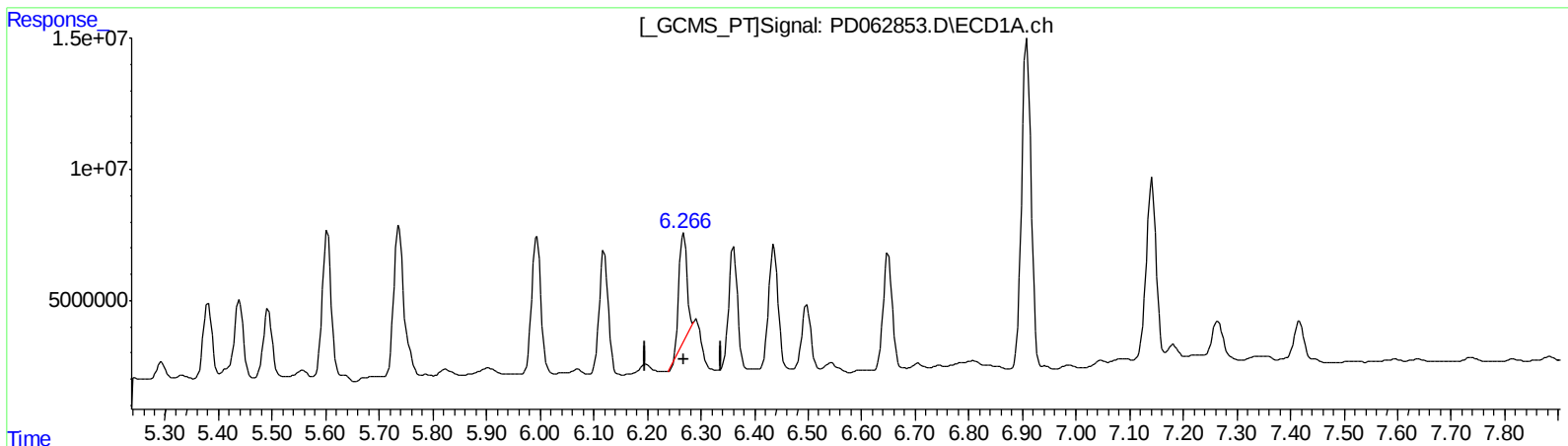
Instrument :
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BG6K9MS

Manual Integrations
APPROVED

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(15) Endosulfan II (B)
6.268min 39.700 ng/ml
response 41173319

(15) Endosulfan II #2 (B)
6.883min 50.532 ng/ml
response 632391369

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Misc :
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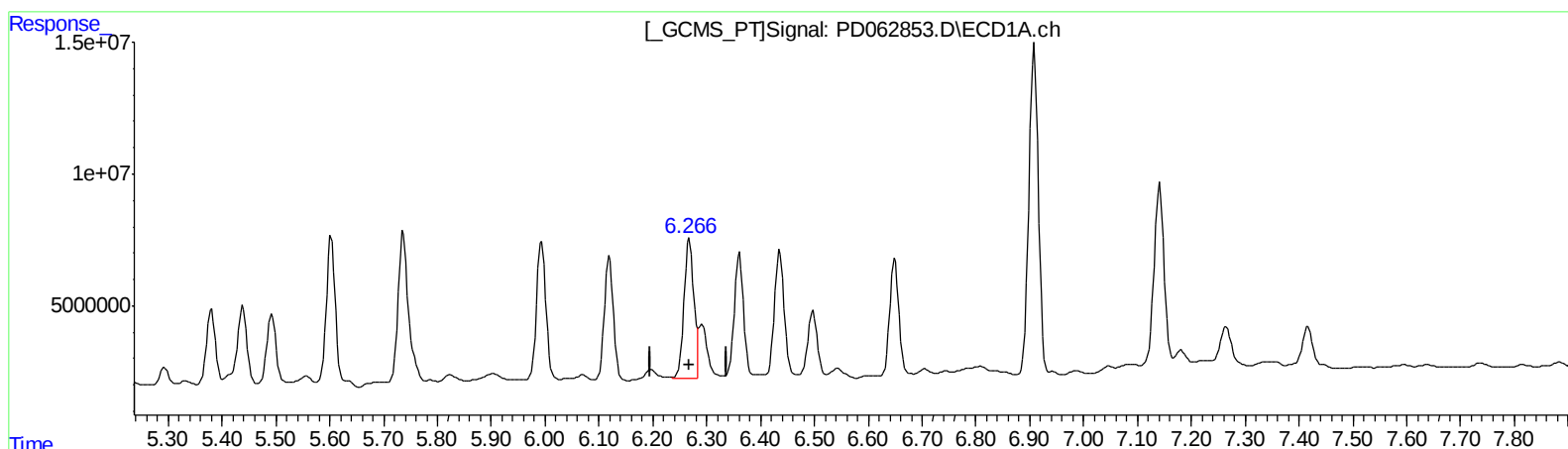
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(15) Endosulfan II (B)
6.266min 62.770 ng/ml m
response 65099783

(15) Endosulfan II #2 (B)
6.882min 57.515 ng/ml m
response 719789012

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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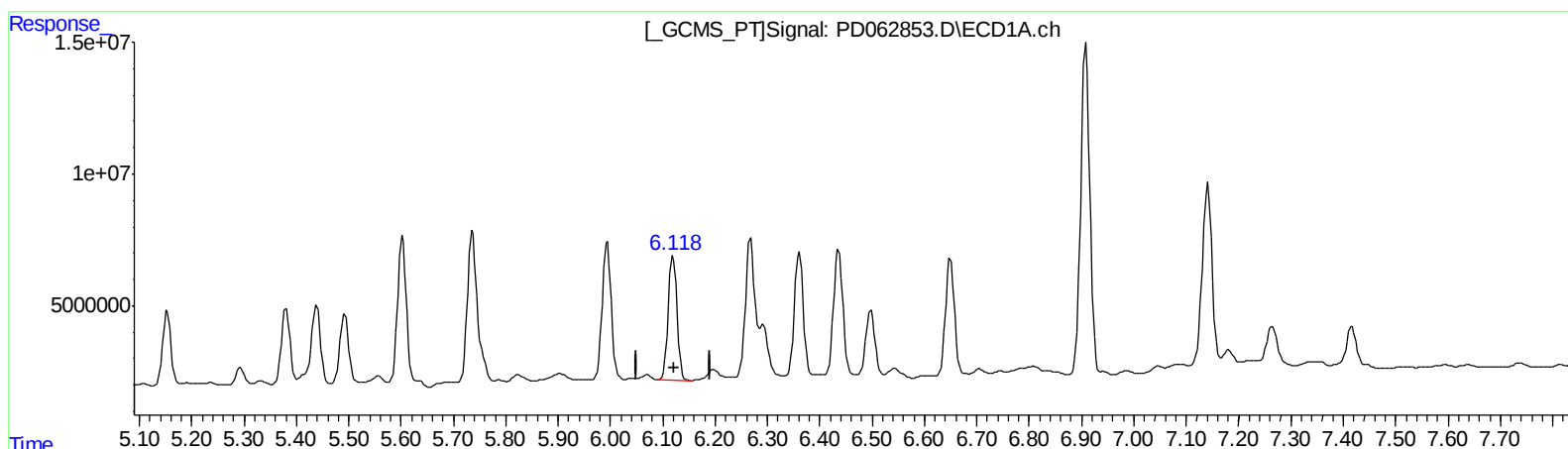
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(16) 4,4'-DDD (A)
6.120min 55.104 ng/ml
response 54871265

(16) 4,4'-DDD #2 (A)
6.796min 45.503 ng/ml
response 565547971

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

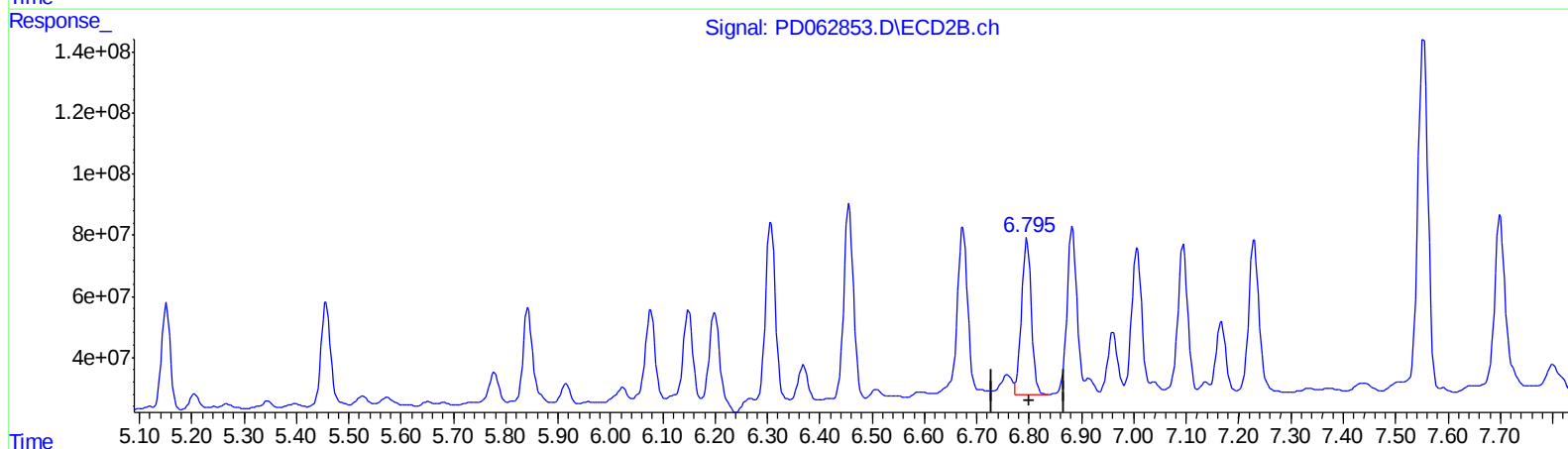
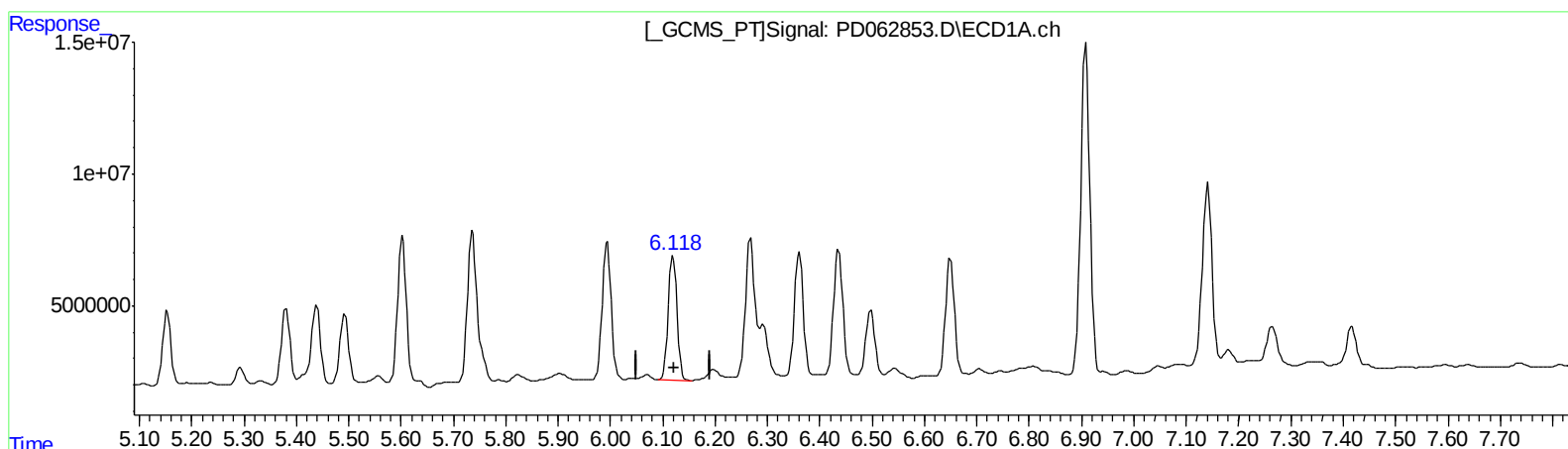
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Manual Integrations
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(16) 4,4'-DDD (A)
6.120min 55.104 ng/ml
response 54871265

(16) 4,4'-DDD #2 (A)
6.795min 53.654 ng/ml m
response 666847128

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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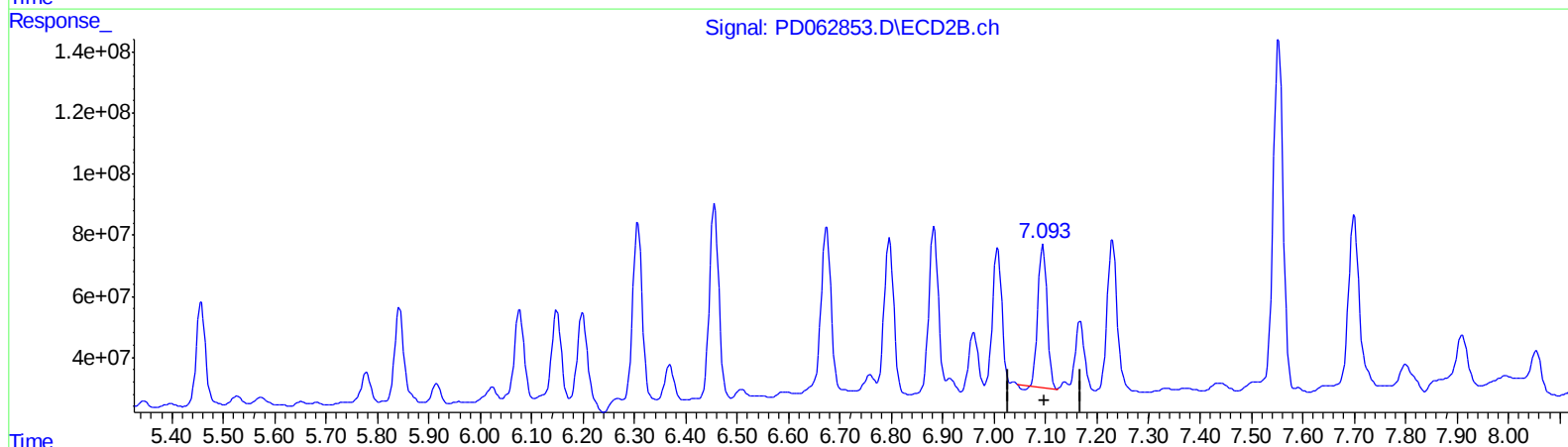
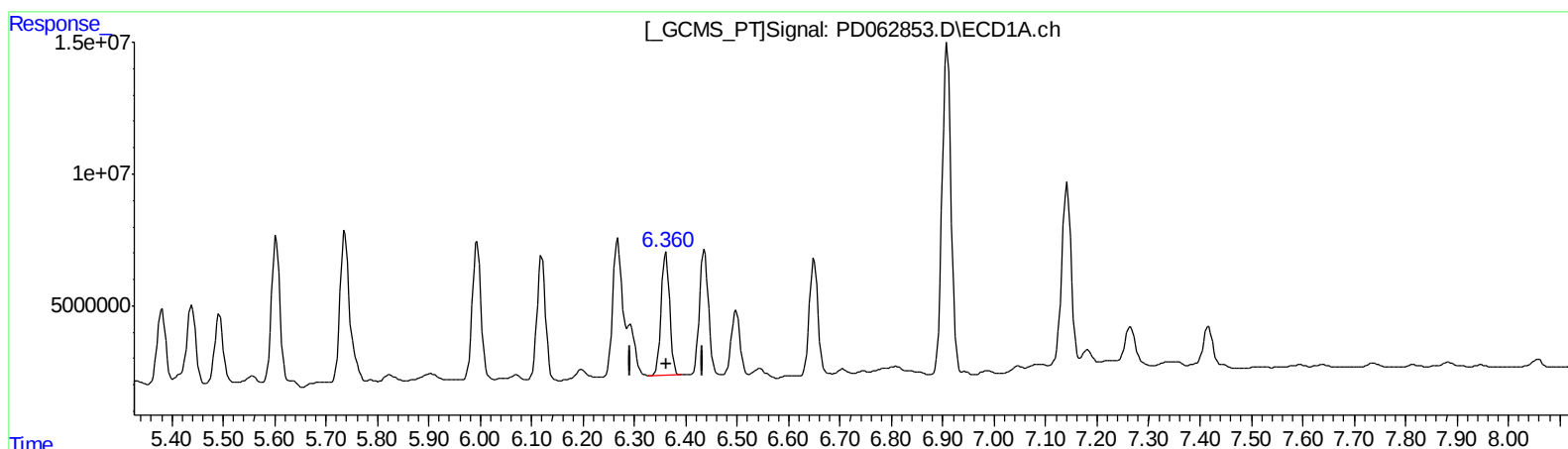
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(17) 4,4'-DDT (MA)

6.361min 57.738 ng/ml

response 54079449

(17) 4,4'-DDT #2 (MA)

7.095min 49.064 ng/ml

response 582556456

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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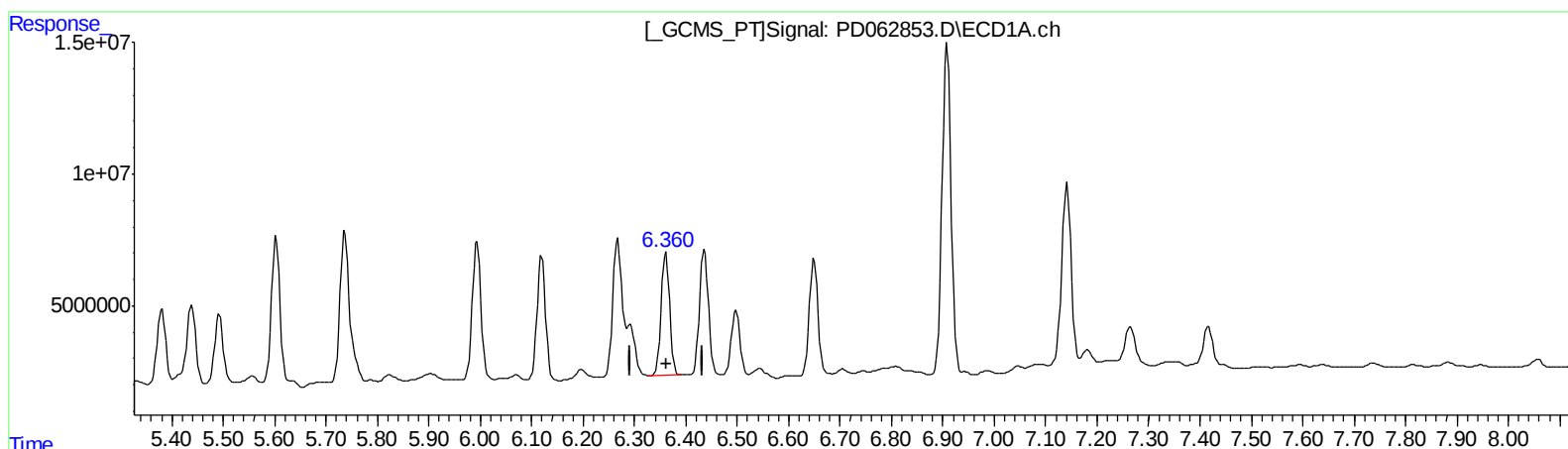
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(17) 4,4'-DDT (MA)

6.361min 57.738 ng/ml

response 54079449

(17) 4,4'-DDT #2 (MA)

7.093min 51.579 ng/ml m

response 612411723

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

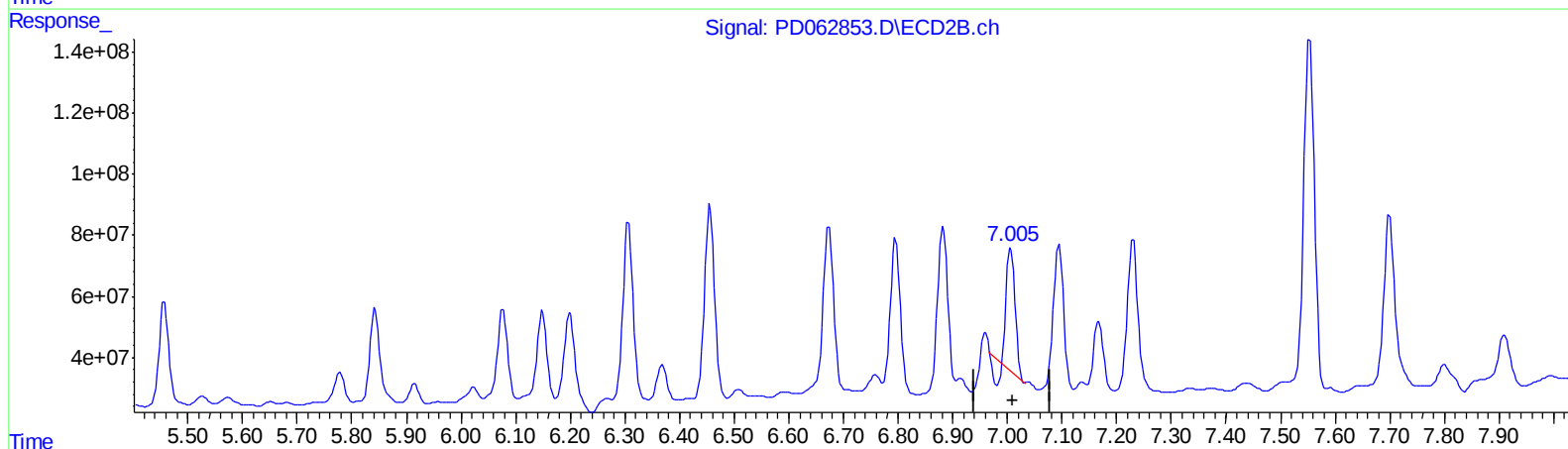
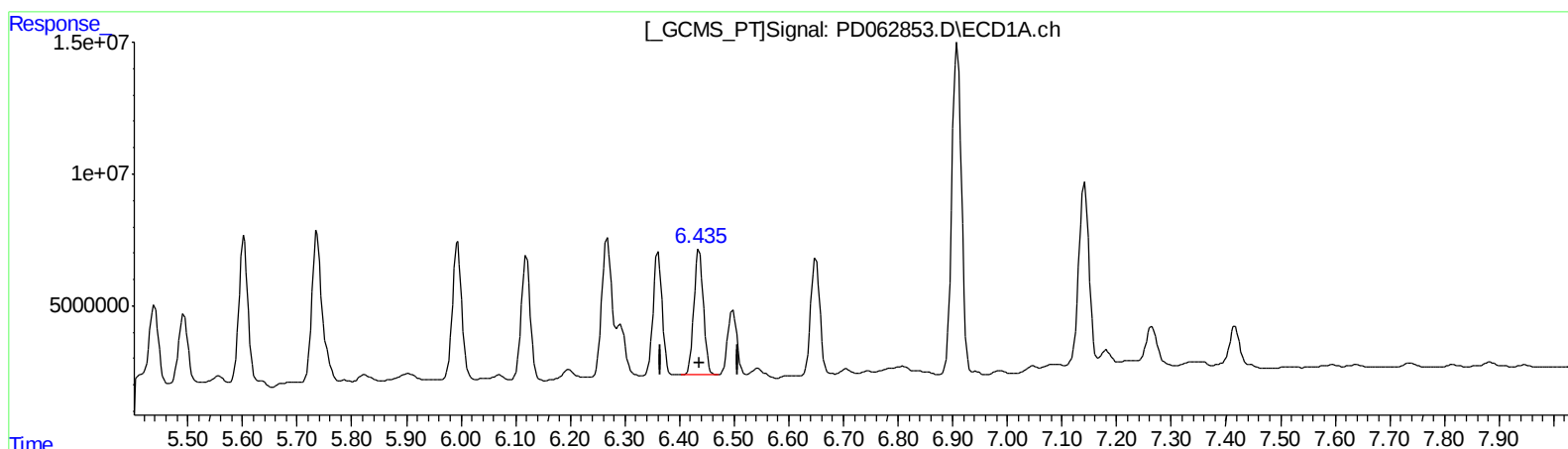
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
APPROVED

Ankita
5/11/2021 9:39:07 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 23:13:18 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

(18) Endrin aldehyde (B)

6.436min 65.733 ng/ml

response 58650058

(18) Endrin aldehyde #2 (B)

7.007min 37.226 ng/ml

response 406137718

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
Data File : PD062853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2021 15:58
Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

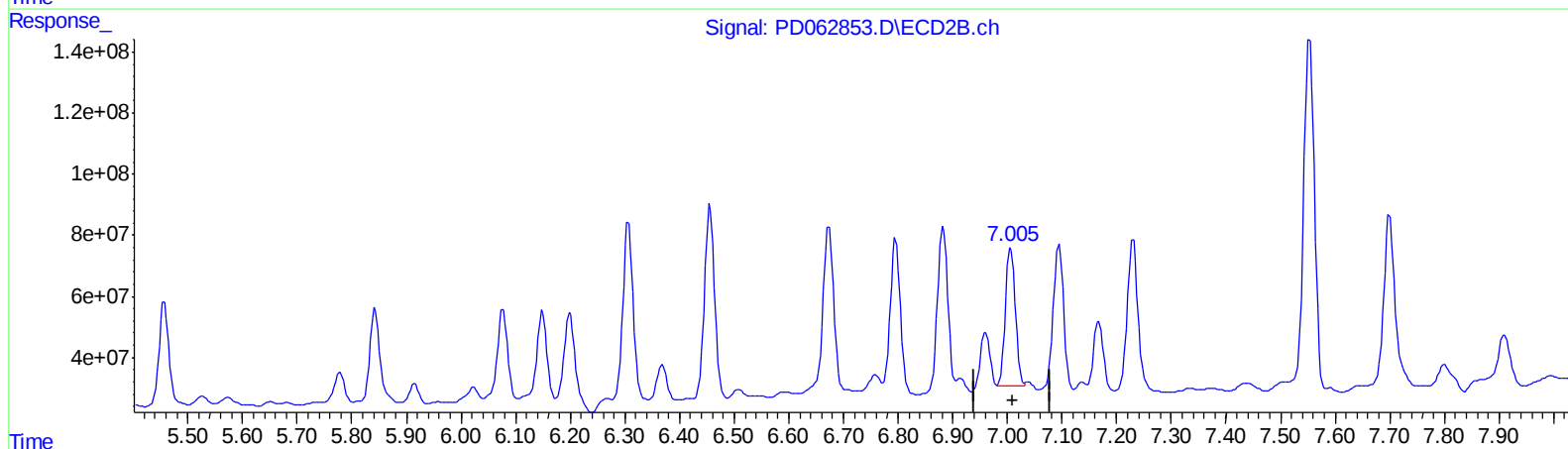
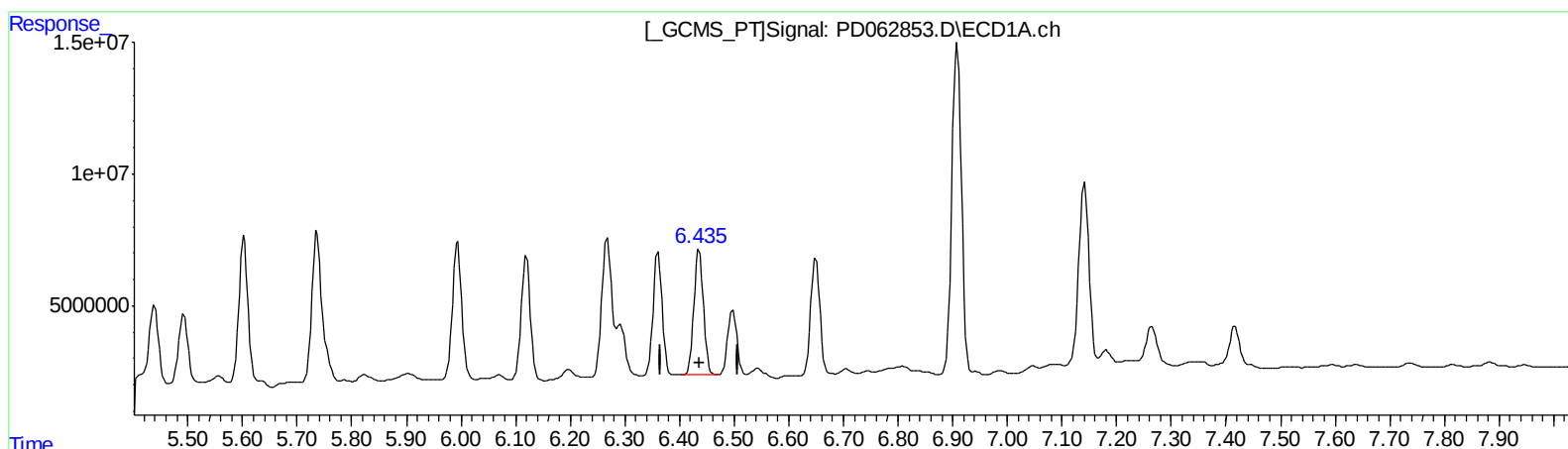
Instrument :
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ClientSampleId :
BG6K9MS

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Integration File signal 1: autoint1.e
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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

(18) Endrin aldehyde (B)

6.436min 65.733 ng/ml

response 58650058

(18) Endrin aldehyde #2 (B)

7.005min 51.914 ng/ml m

response 566386446

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
Data File : PD062853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2021 15:58
Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

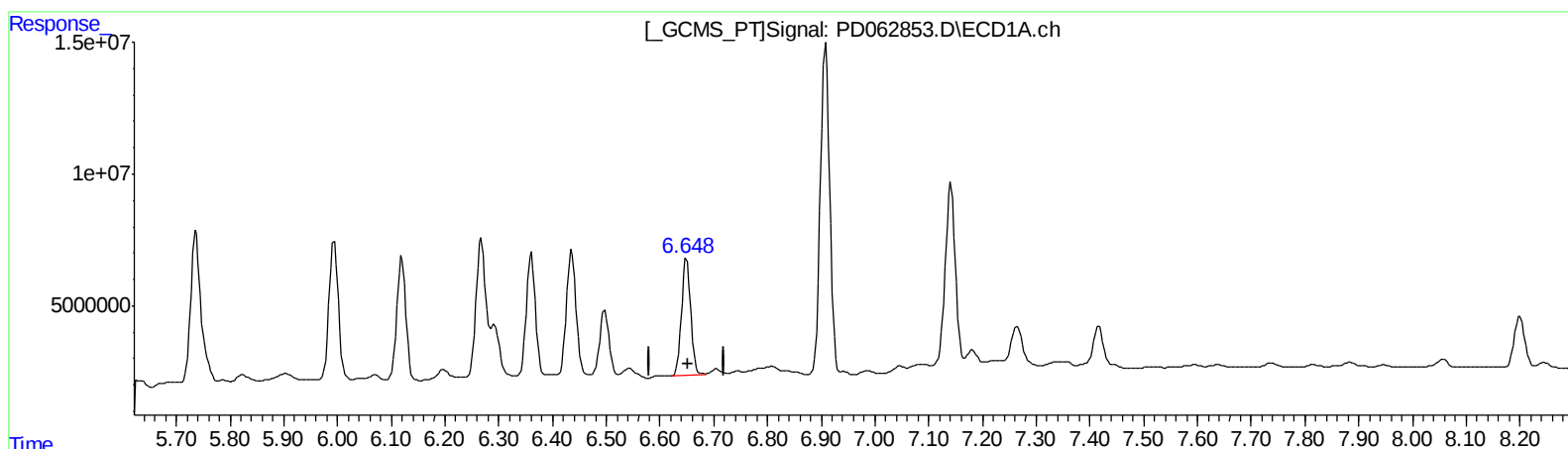
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

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Integration File signal 1: autoint1.e
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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



(19) Endosulfan Sulfate (B)

6.650min 52.093 ng/ml

response 52072871

(19) Endosulfan Sulfate #2 (B)

7.230min 50.648 ng/ml

response 646346678

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
Data File : PD062853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2021 15:58
Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

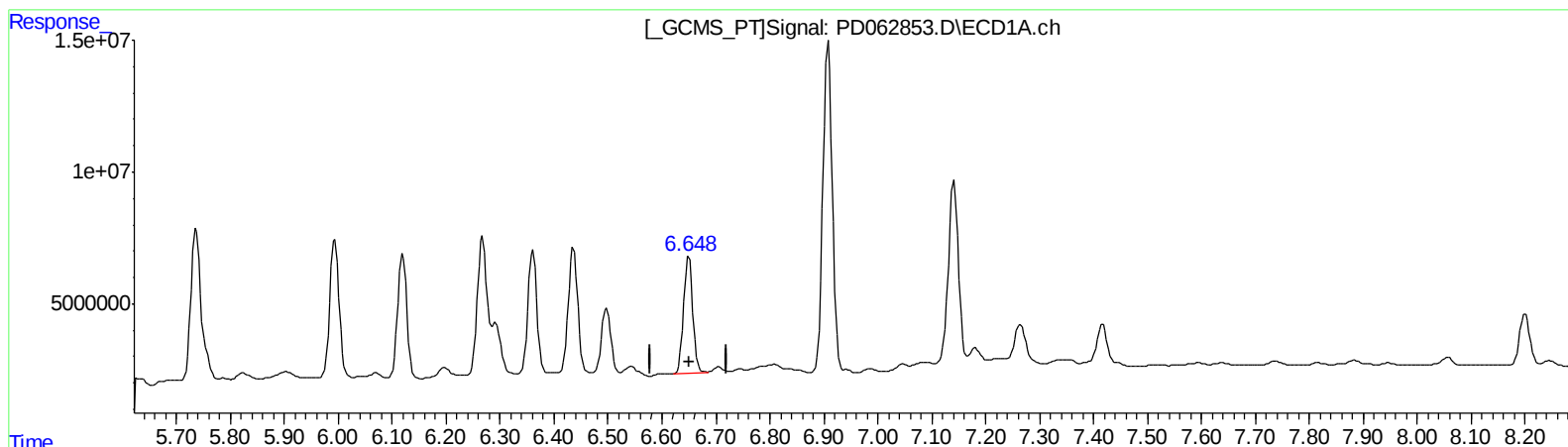
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
APPROVED

Ankita
5/11/2021 9:39:07 AM

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
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



(19) Endosulfan Sulfate (B)

6.650min 52.093 ng/ml

response 52072871

(19) Endosulfan Sulfate #2 (B)

7.229min 53.131 ng/ml m

response 678041011

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
Data File : PD062853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2021 15:58
Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

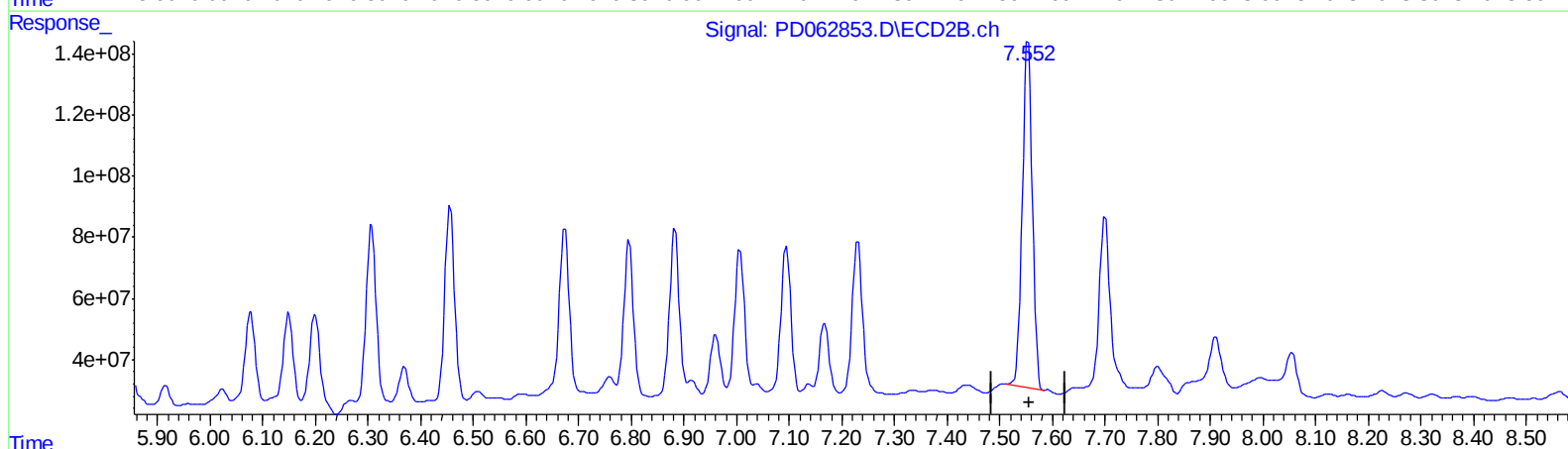
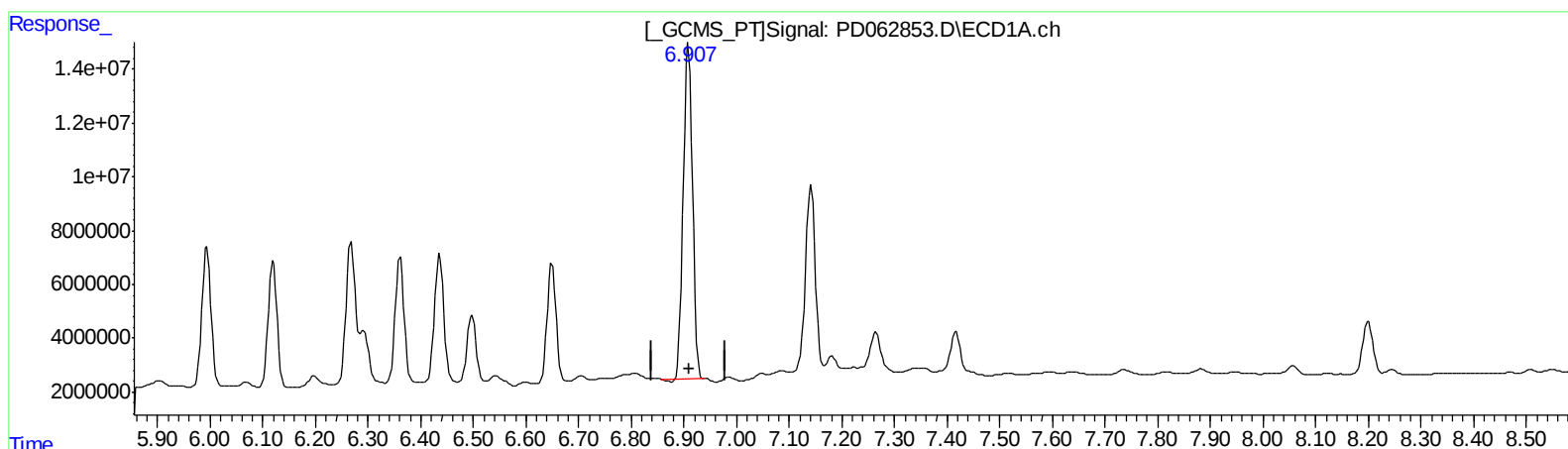
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
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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

(20) Methoxychlor (A)
6.908min 281.873 ng/ml
response 150396408

(20) Methoxychlor #2 (A)
7.554min 268.039 ng/ml
response 1519292212

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
Data File : PD062853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2021 15:58
Operator : AR\AJ
Sample : M2336-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

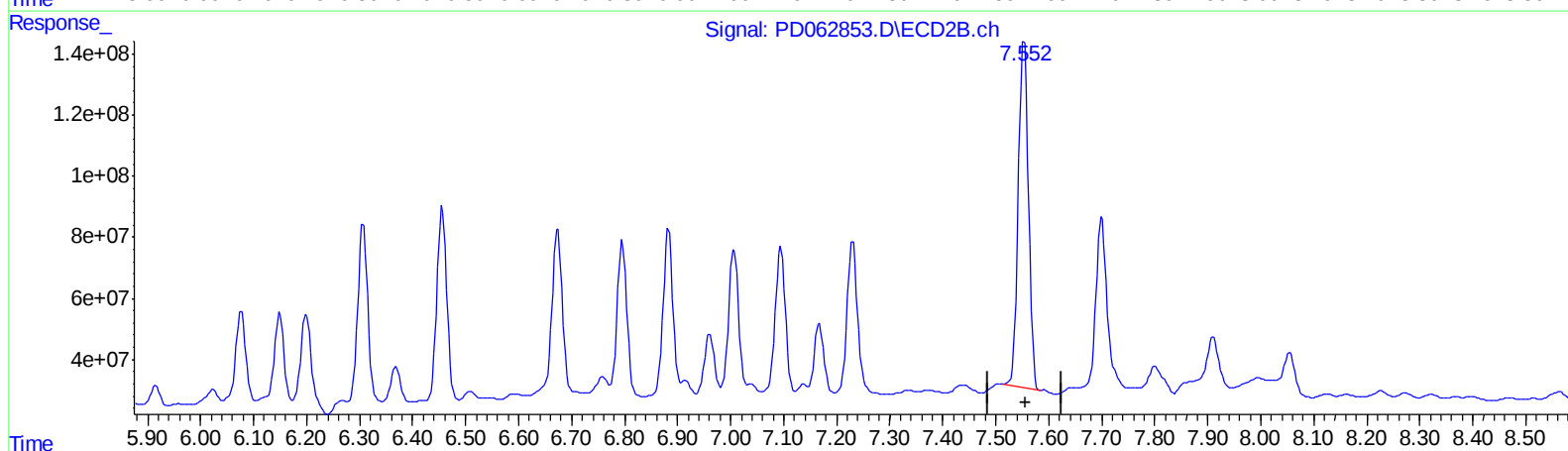
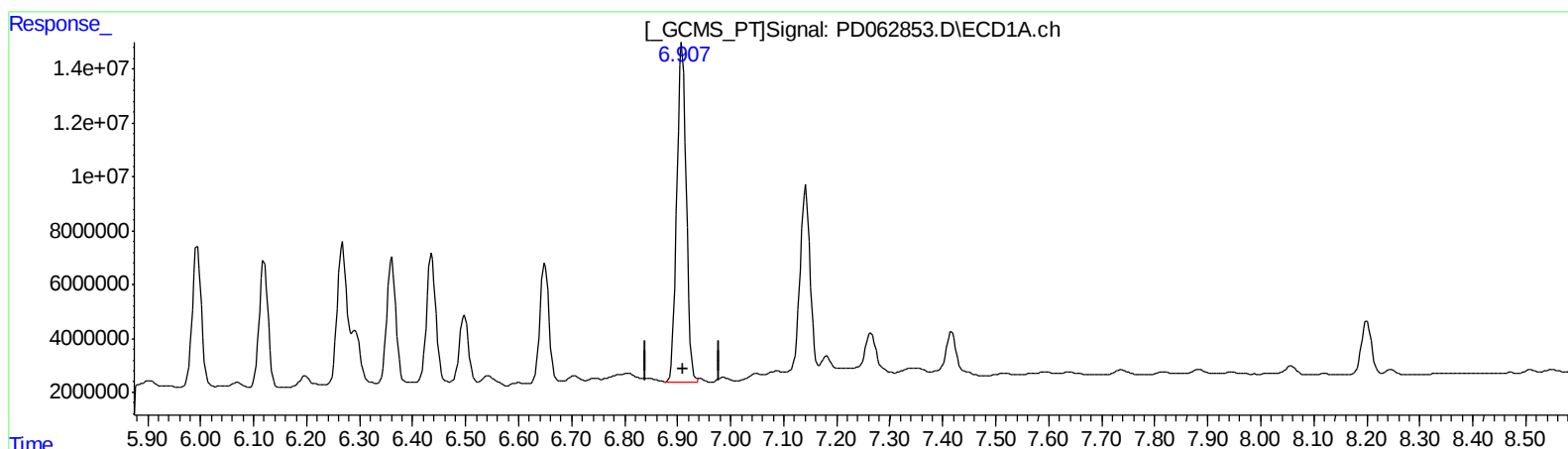
Instrument :
ECD_D
ClientSampleId :
BG6K9MS

Manual Integrations
APPROVED

Ankita
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Integration File signal 1: autoint1.e
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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

(20) Methoxychlor (A)
6.907min 289.755 ng/ml m
response 154602071

(20) Methoxychlor #2 (A)
7.554min 268.039 ng/ml
response 1519292212

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051121\
 Data File : PD062853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2021 15:58
 Operator : AR\AJ
 Sample : M2336-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 23:13:18 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

Instrument :
 ECD_D
 ClientSampleId :
 BG6K9MS

Manual Integrations
 APPROVED

Ankita
 5/11/2021 9:39:07 AM

Volume Inj. : 1 µl
 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...	3.440	3.970	16750429	212.3E6	17.496m	17.483m
27) SA Decachlor...	8.200	9.029	25505465	272.7E6	23.762	24.986
Target Compounds						
2) A alpha-BHC	3.877	4.360	37605283	462.8E6	26.859	24.473
3) MA gamma-BHC...	4.159	4.643	38979320	277.7E6	29.180m	16.078 #
4) MA Heptachlor	4.462	5.152	34355450	393.9E6	26.756	22.630
5) MB Aldrin	4.710	5.457	36628309	442.5E6	28.120	25.584
6) B beta-BHC	4.411	4.814	17496226	193.8E6	28.181	25.386
7) B delta-BHC	4.616	5.030	15860689	206.6E6	11.656	11.137m
8) B Heptachlo...	5.153	5.843	31159257	412.2E6	25.426	25.702
9) A Endosulfan I	5.491	6.198	30954909	396.5E6	27.683m	27.033m
10) B trans-Chl...	5.381	6.077	33017110	408.5E6	26.337	24.942
11) B cis-Chlor...	5.439	6.148	38666200	392.9E6	31.489	25.312m
12) B 4,4'-DDE	5.603	6.307	62107217	746.6E6	50.185	47.649
13) MA Dieldrin	5.737	6.456	76005444	819.8E6	60.297	52.870
14) MA Endrin	5.994	6.674	62009650	744.4E6	58.605	59.691
15) B Endosulfa...	6.266	6.882	65099783	719.8E6	62.770m	57.515m
16) A 4,4'-DDD	6.120	6.795	54871265	666.8E6	55.104	53.654m
17) MA 4,4'-DDT	6.361	7.093	54079449	612.4E6	57.738	51.579m
18) B Endrin al...	6.436	7.005	58650058	566.4E6	65.733	51.914m
19) B Endosulfa...	6.650	7.229	52072871	678.0E6	52.093	53.131m
20) A Methoxychlor	6.907	7.554	154.6E6	1519.3E6	289.755m	268.039
21) B Endrin ke...	7.142	7.700	85158038	783.5E6	72.666	63.663

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