

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
Data File : PD062644.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2021 18:16  
Operator : AR\AJ  
Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

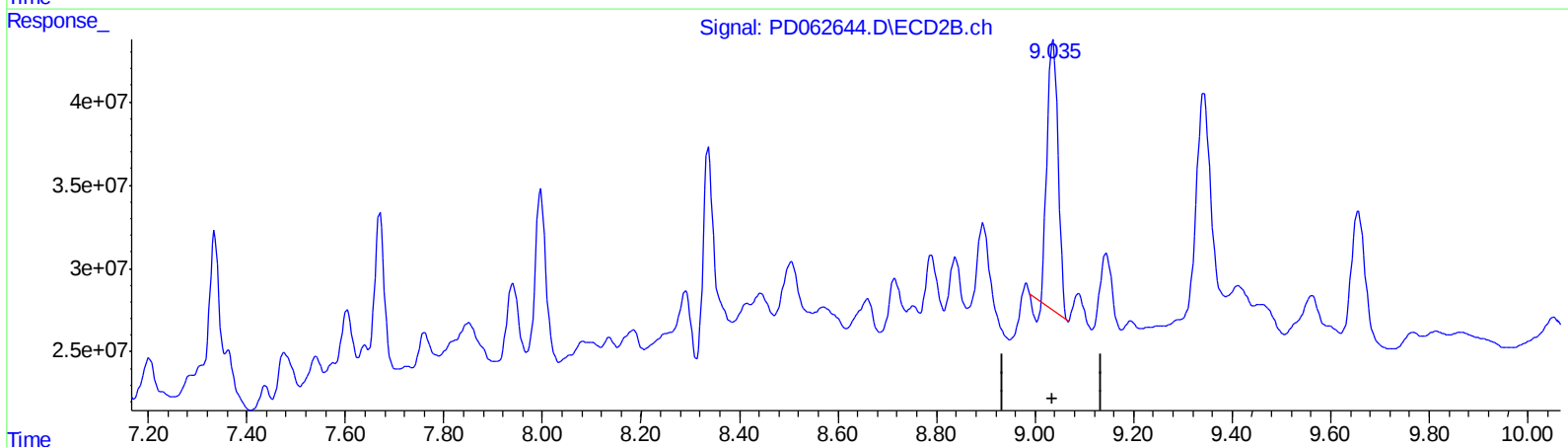
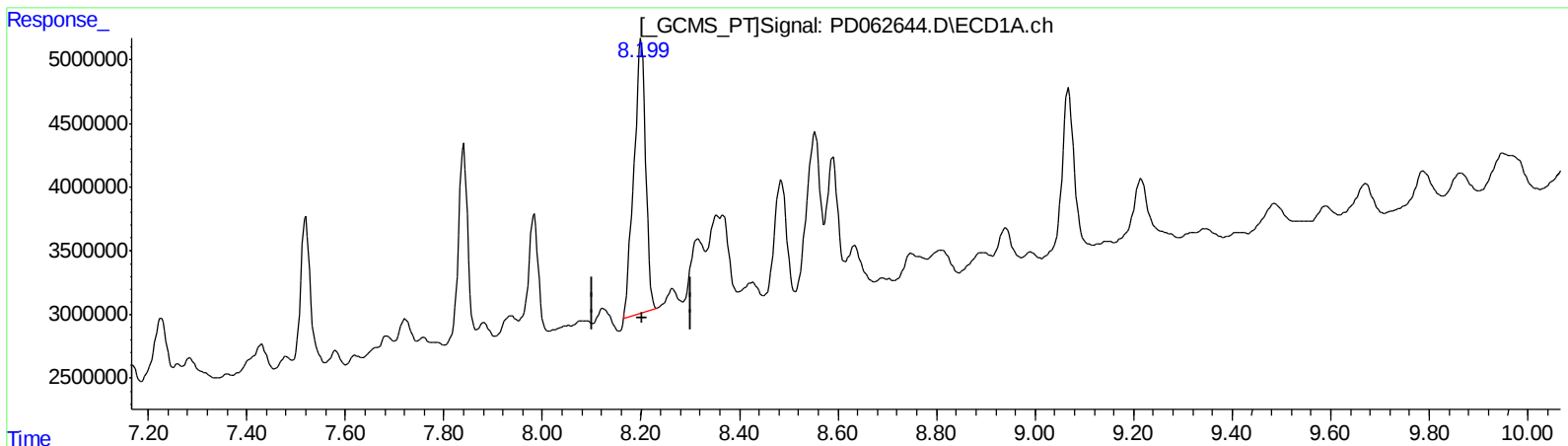
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

Manual Integrations  
APPROVED

Ankita  
5/3/2021 3:13:41 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 23:22:42 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

(27) Decachlorobiphenyl (SA)

8.201min 33.180 ng/ml

response 35615360

(27) Decachlorobiphenyl #2 (SA)

9.037min 21.733 ng/ml

response 237221692

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
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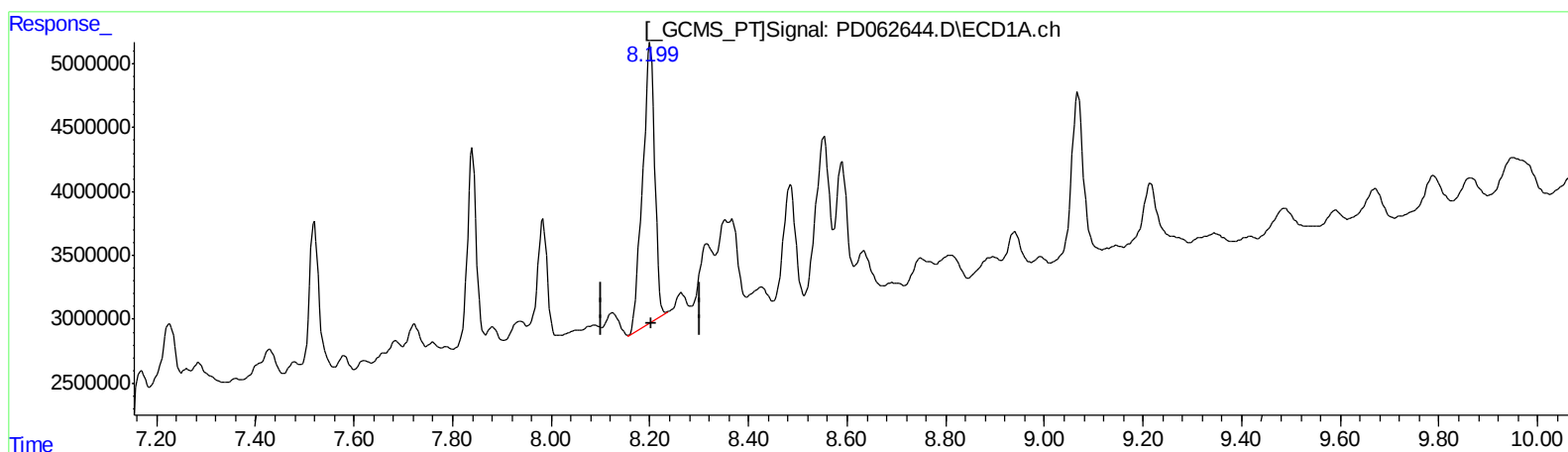
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

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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



(27) Decachlorobiphenyl (SA)

8.199min 34.714 ng/ml m

response 37261422

(27) Decachlorobiphenyl #2 (SA)

9.035min 25.662 ng/ml m

response 280100608

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Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

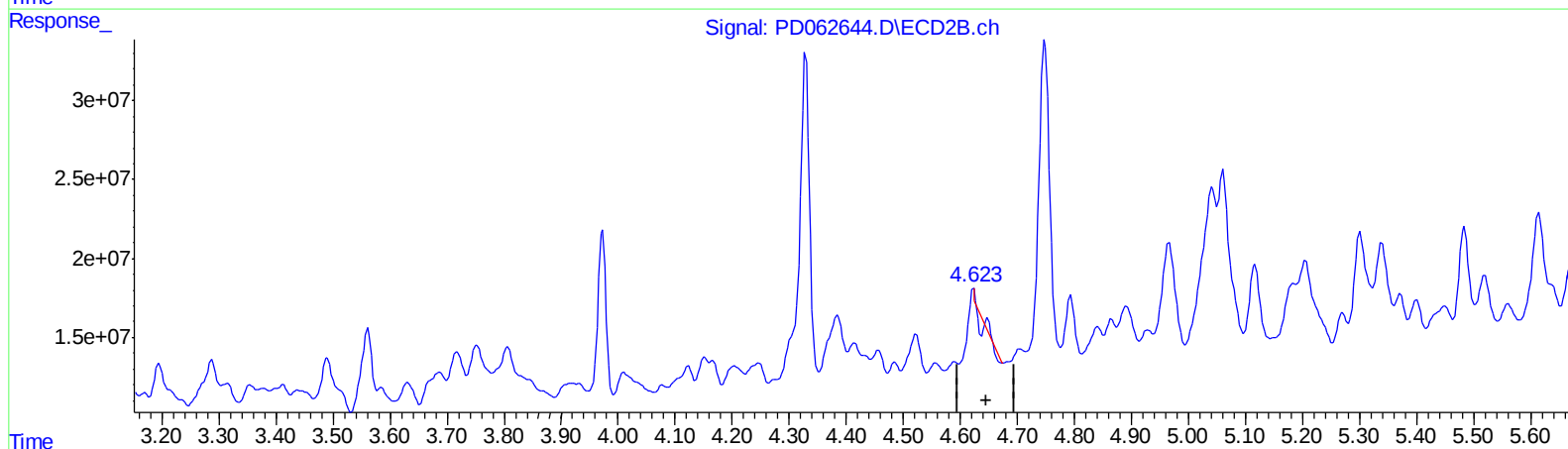
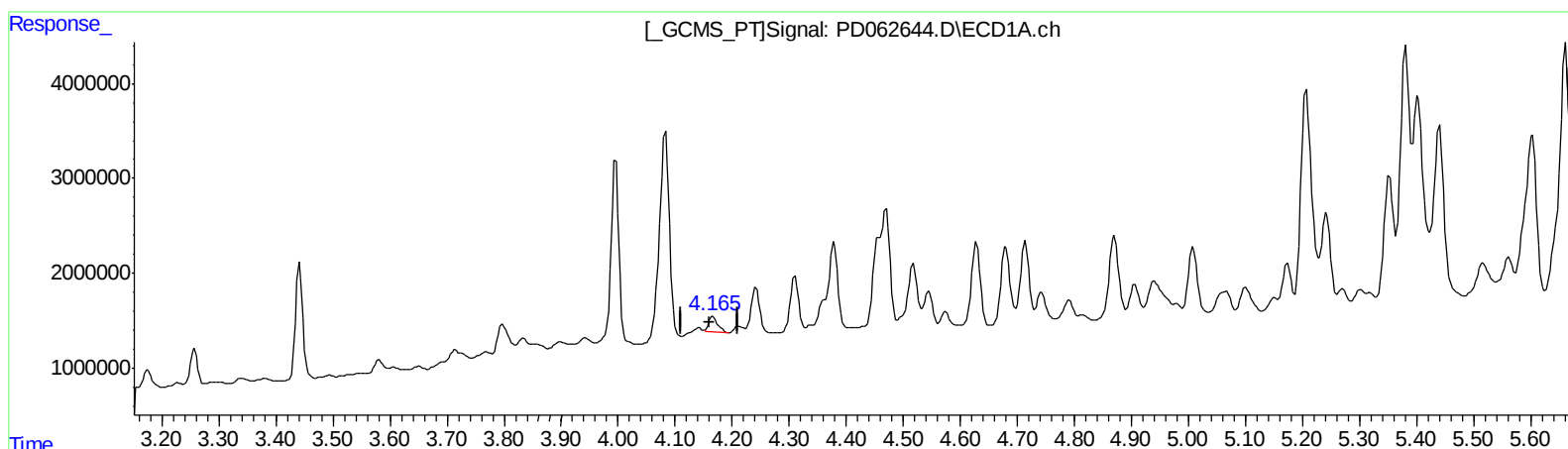
Instrument :  
ECD\_D  
ClientSampled :  
BG587

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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)

4.166min 1.368 ng/ml

response 1827995

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

4.648min 0.050 ng/ml

response 858372

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Sample : M2177-17  
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ALS Vial : 35 Sample Multiplier: 1

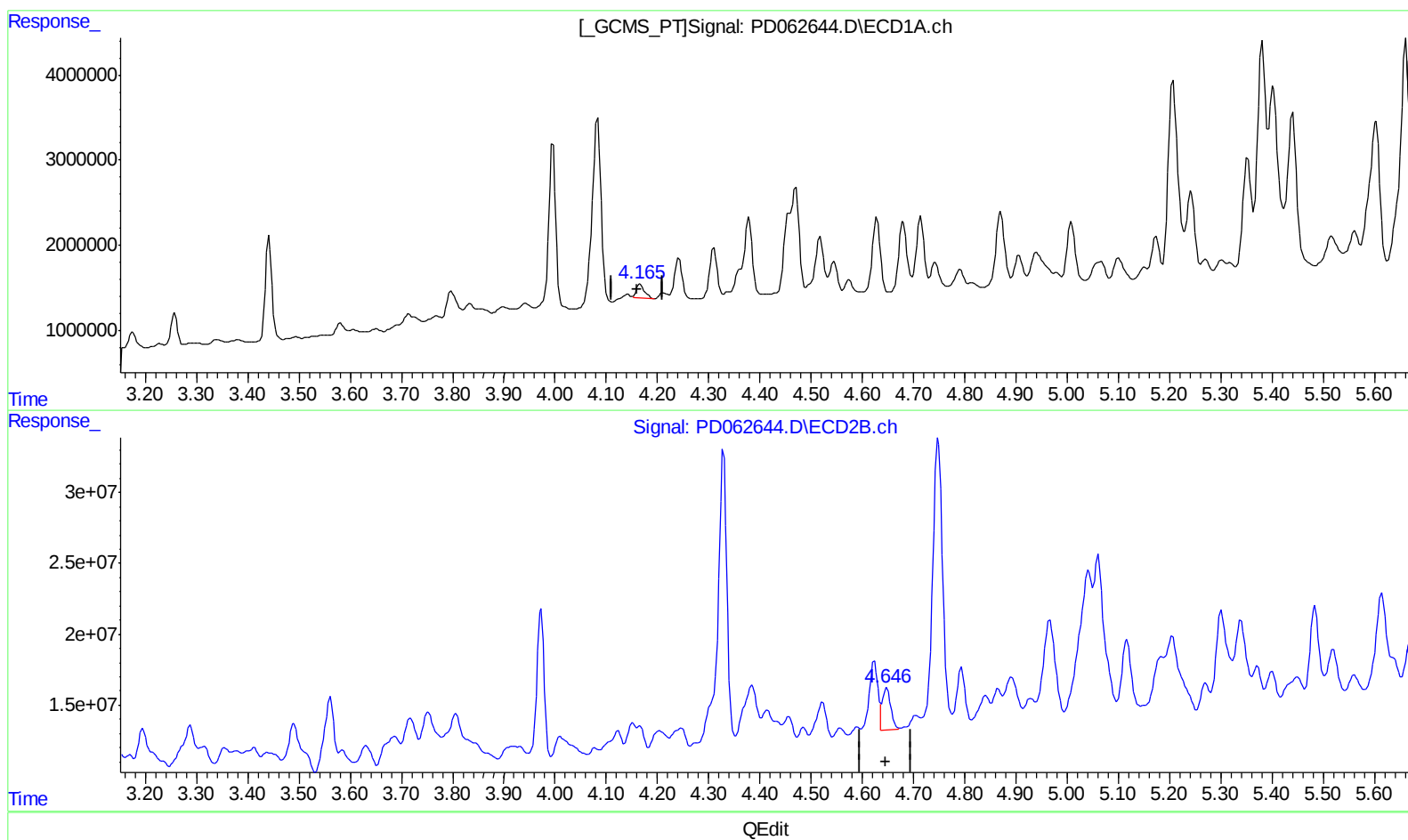
Instrument :  
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ClientSampled :  
BG587

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

4.166min 1.368 ng/ml

response 1827995

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

4.646min 1.940 ng/ml m

response 33516467

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
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Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

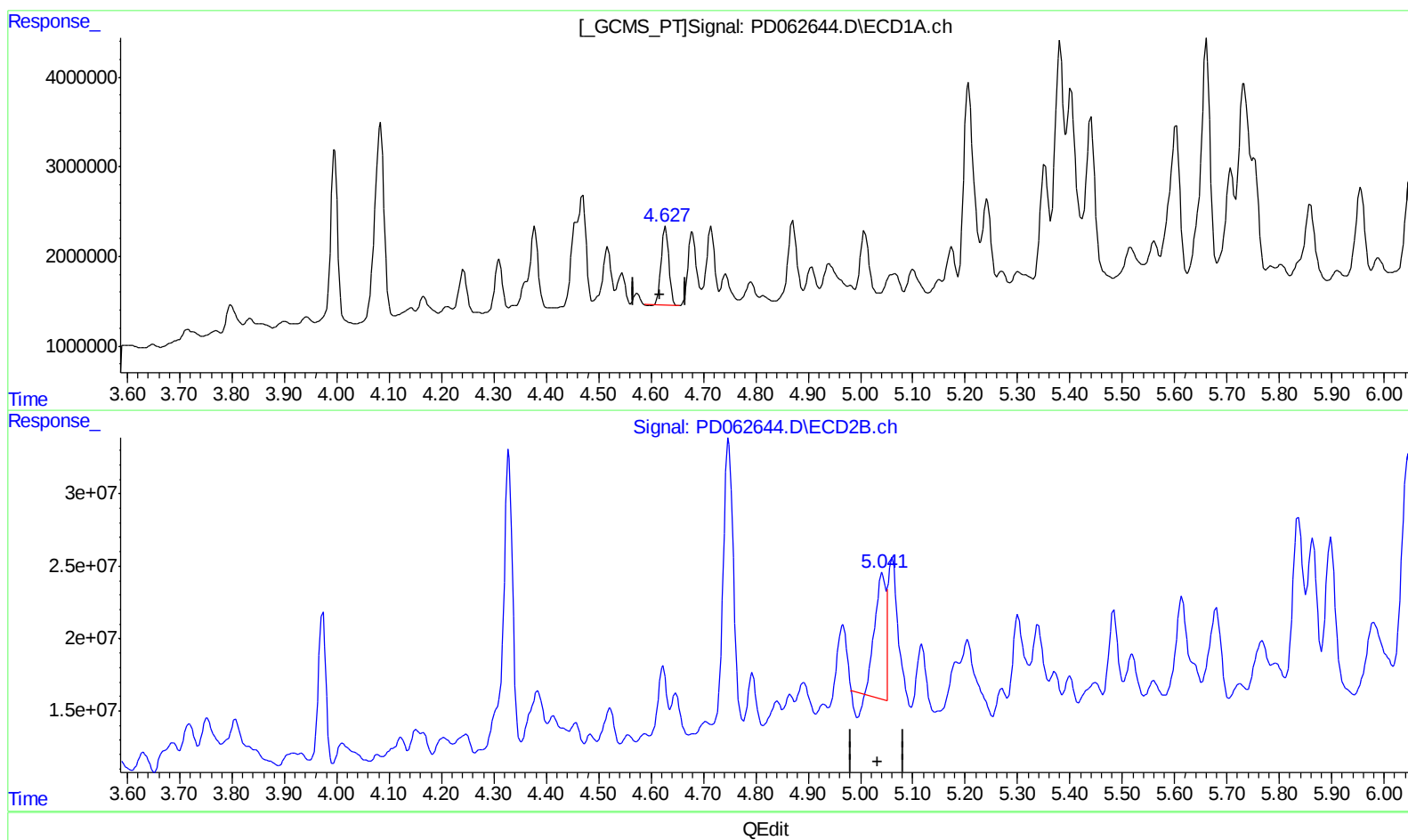
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ClientSampleId :  
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(7) delta-BHC (B)

4.628min 6.735 ng/ml

response 9164179

(7) delta-BHC #2 (B)

5.042min 6.104 ng/ml

response 113254646

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Operator : AR\AJ  
Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

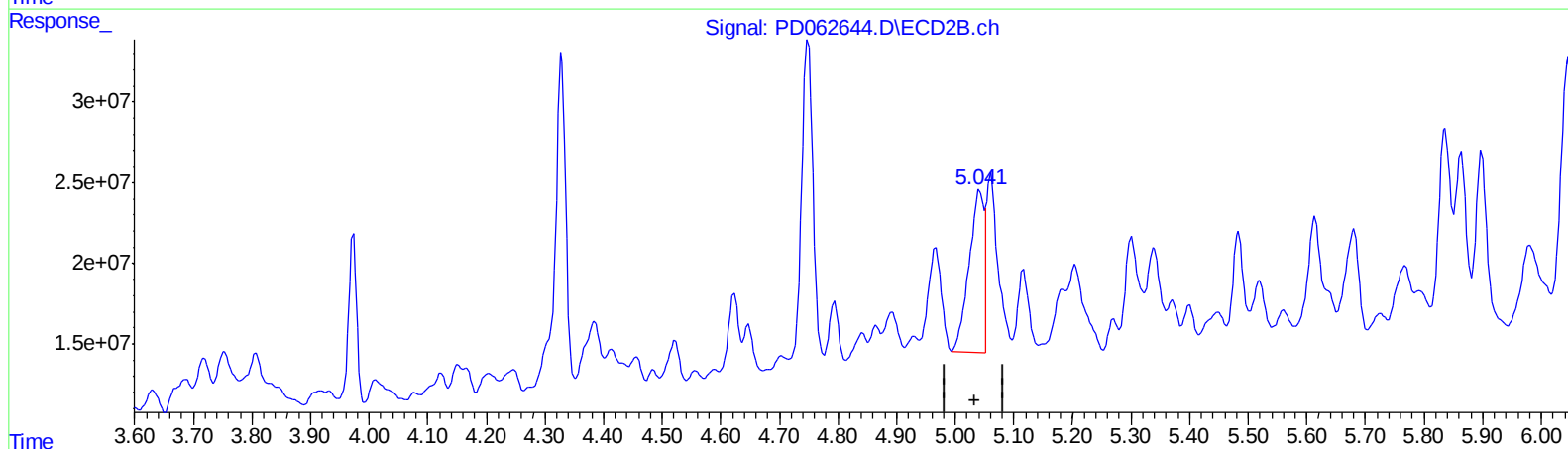
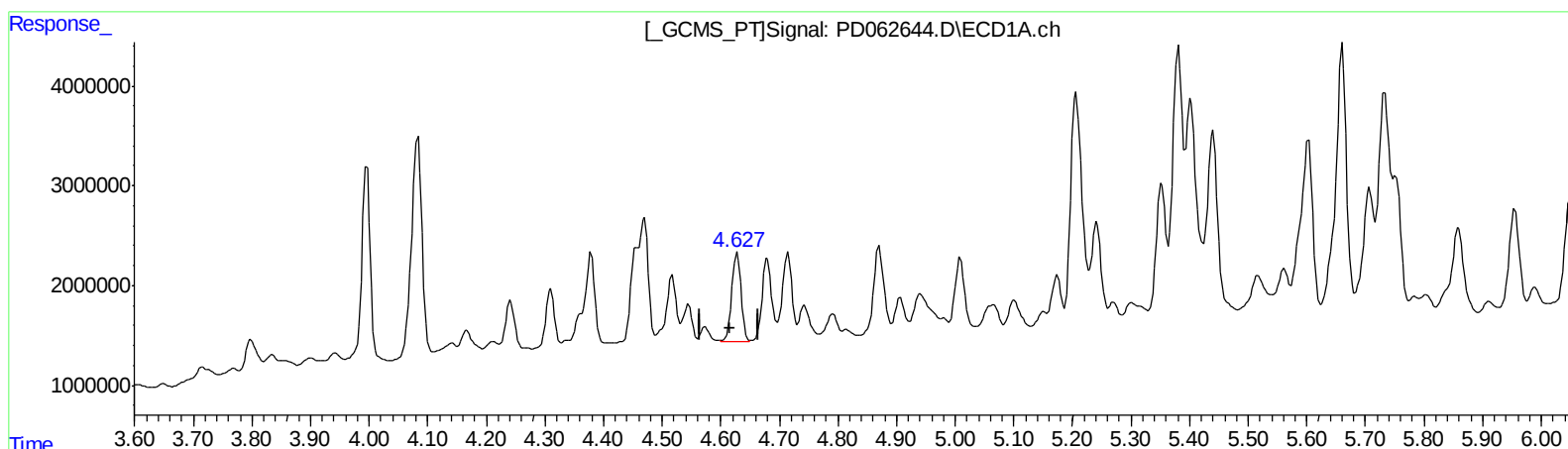
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

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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

(7) delta-BHC (B)

4.627min 6.946 ng/ml m

response 9451078

(7) delta-BHC #2 (B)

5.041min 9.829 ng/ml m

response 182357347

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Operator : AR\AJ  
Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

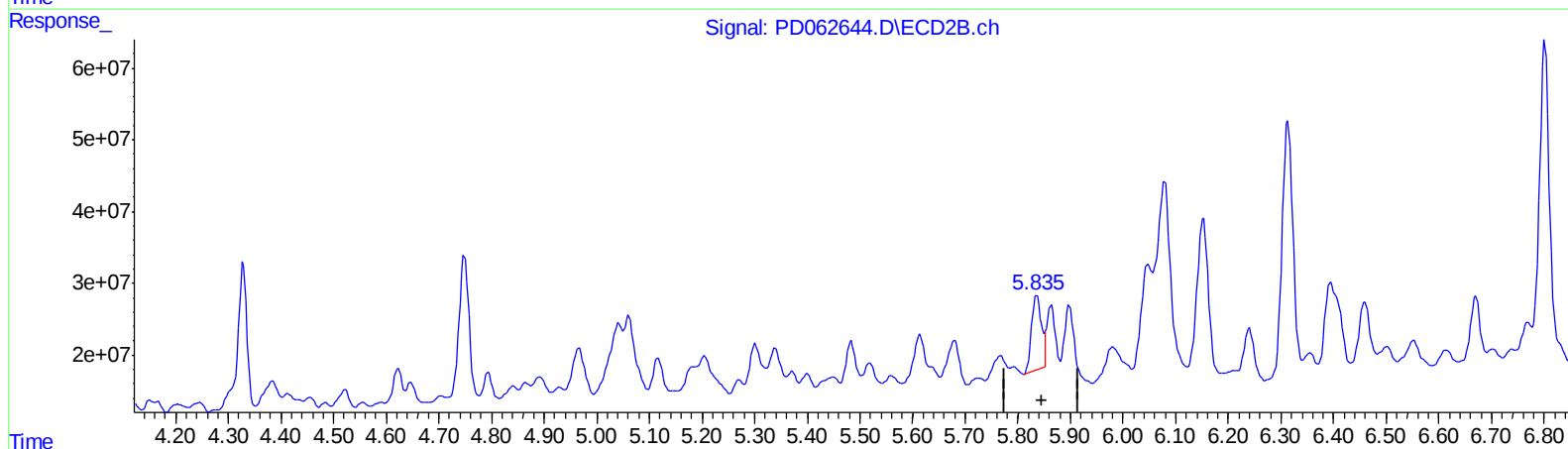
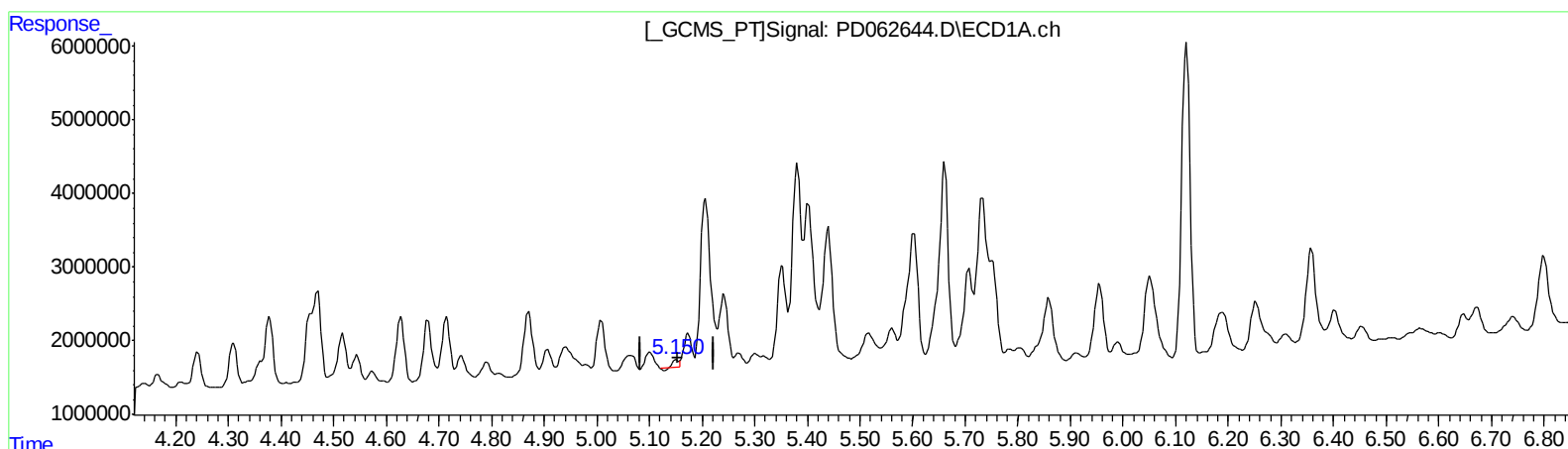
Instrument :  
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ClientSampleId :  
BG587

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QEdit

(8) Heptachlor epoxide (B)

5.152min 0.359 ng/ml

response 439566

(8) Heptachlor epoxide #2 (B)

5.836min 8.052 ng/ml

response 129151704

(+) = Expected Retention Time

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Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

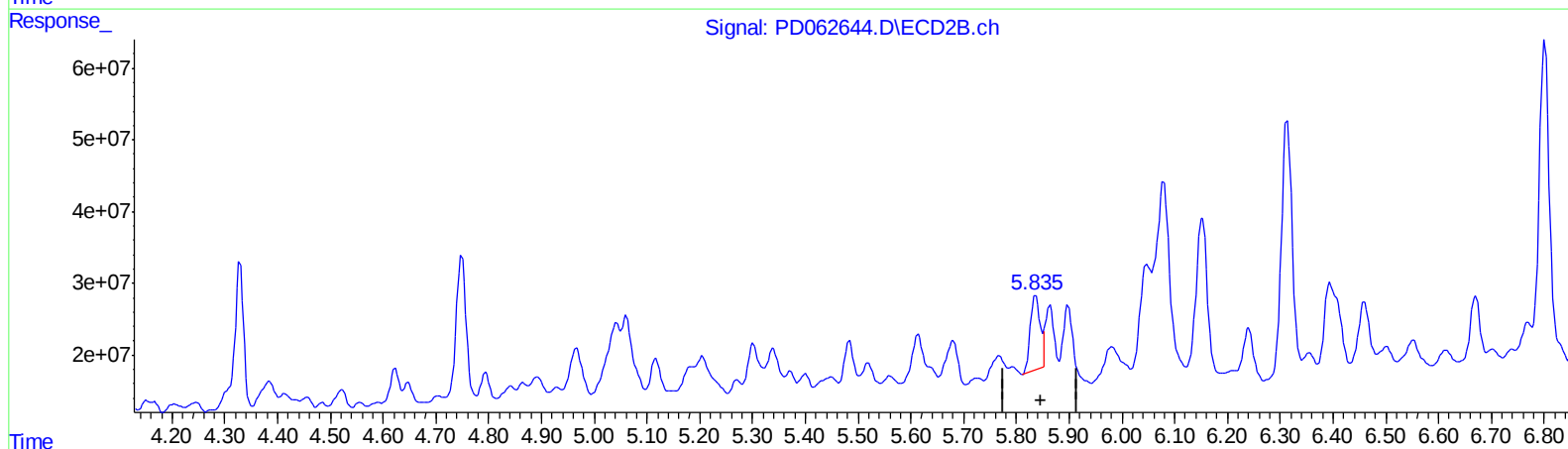
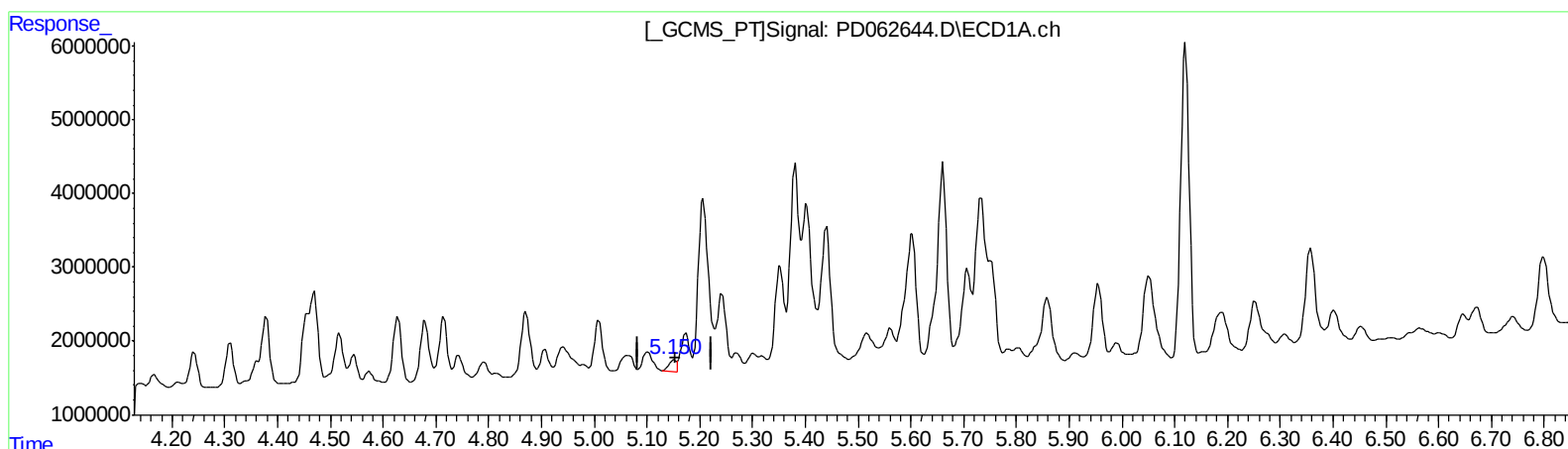
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(8) Heptachlor epoxide (B)

5.150min 1.471 ng/ml m

response 1802360

(8) Heptachlor epoxide #2 (B)

5.836min 8.052 ng/ml

response 129151704

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
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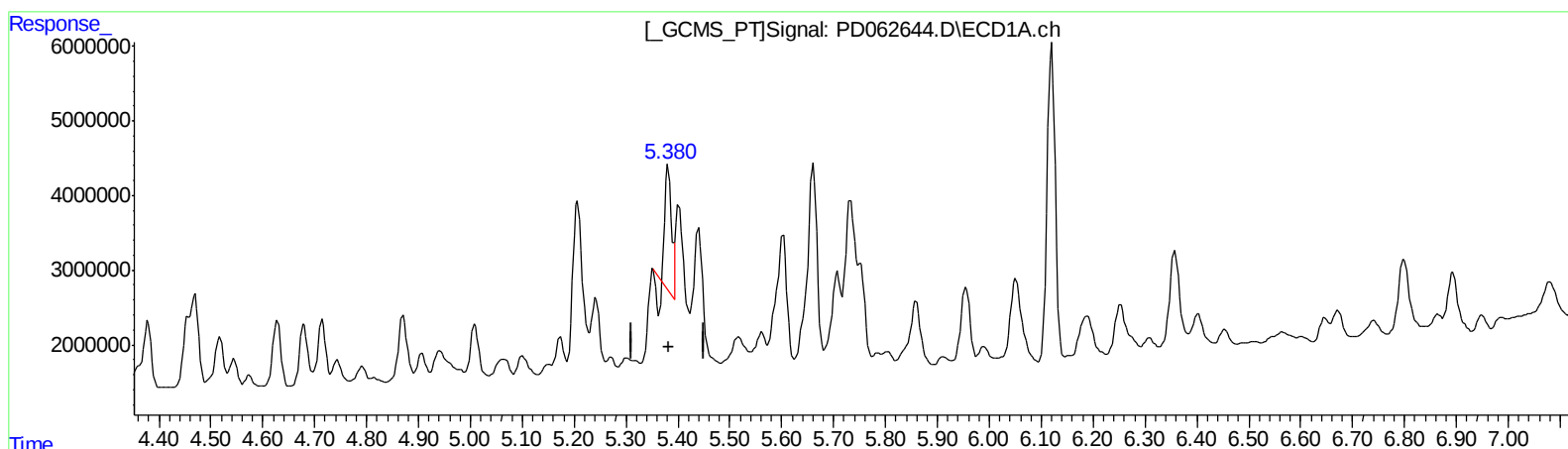
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

Manual Integrations  
APPROVED

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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



(10) trans-Chlordane (B)

5.381min 9.605 ng/ml

response 12041965

(10) trans-Chlordane #2 (B)

6.079min 16.339 ng/ml

response 267597946





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Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

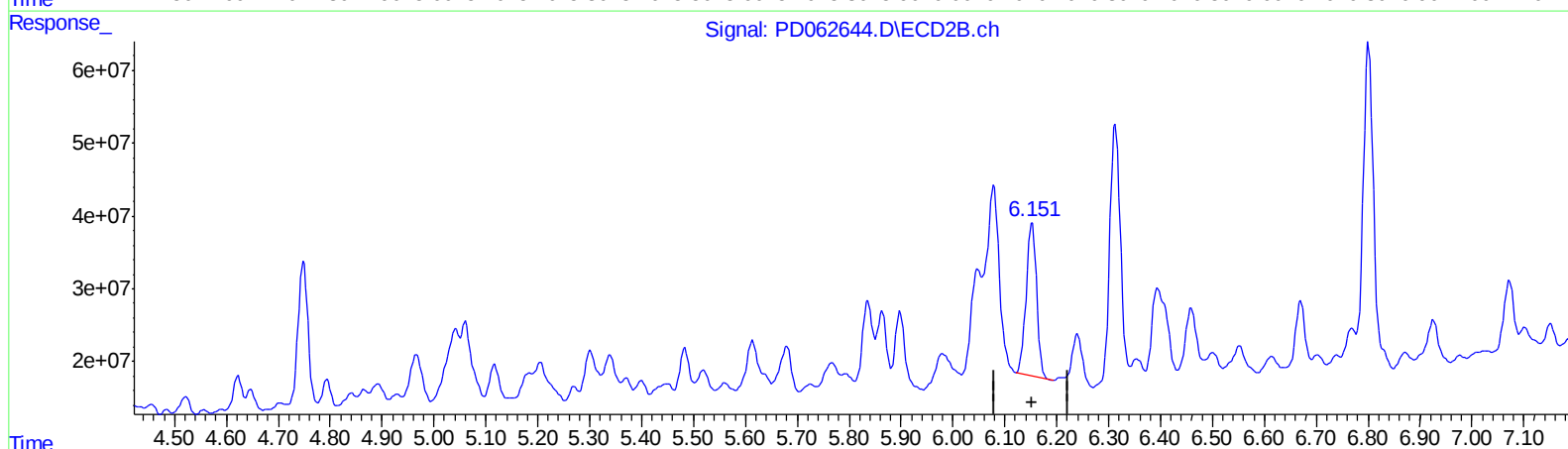
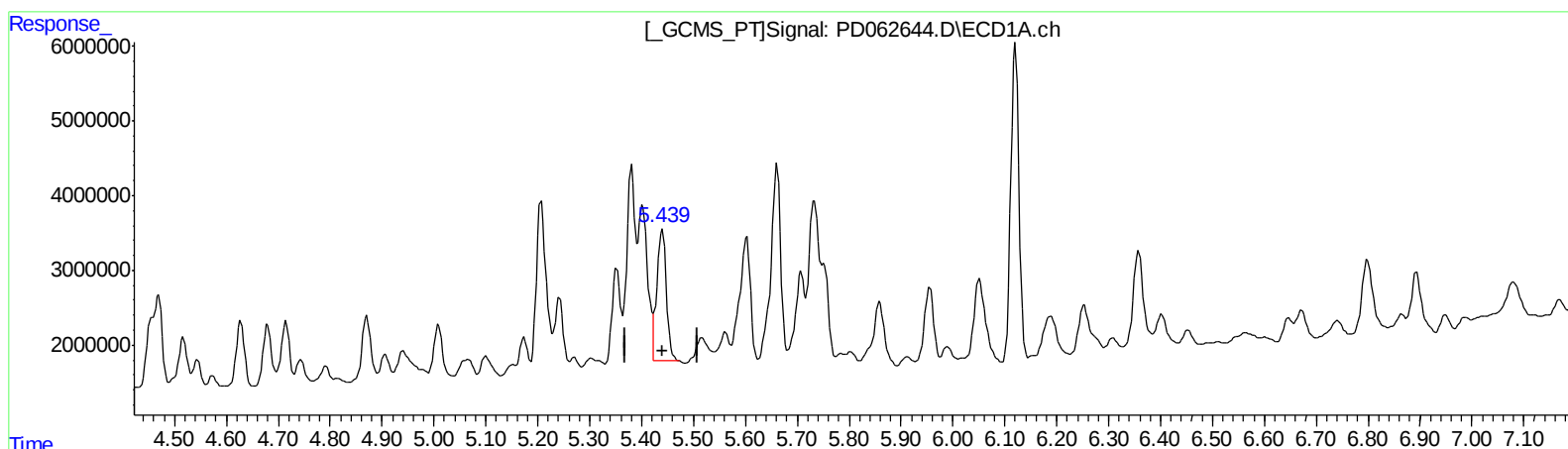
Instrument :  
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BG587

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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(11) cis-Chlordane (B)  
5.439min 17.910 ng/ml m  
response 21992234

(11) cis-Chlordane #2 (B)  
6.153min 19.250 ng/ml  
response 298807203

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
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Misc :  
ALS Vial : 35 Sample Multiplier: 1

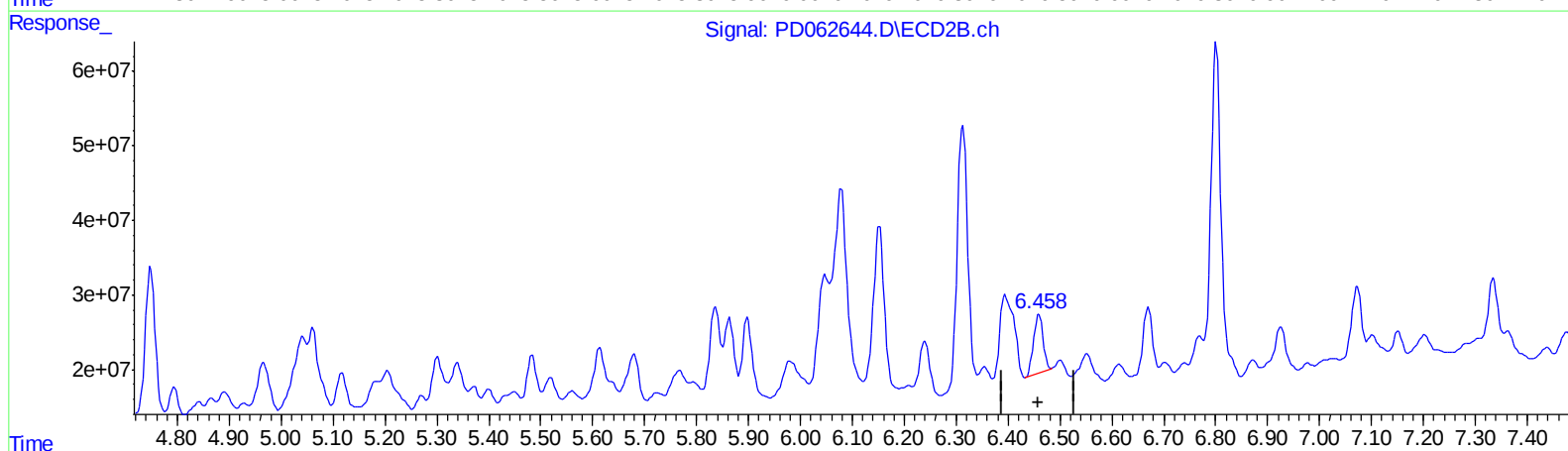
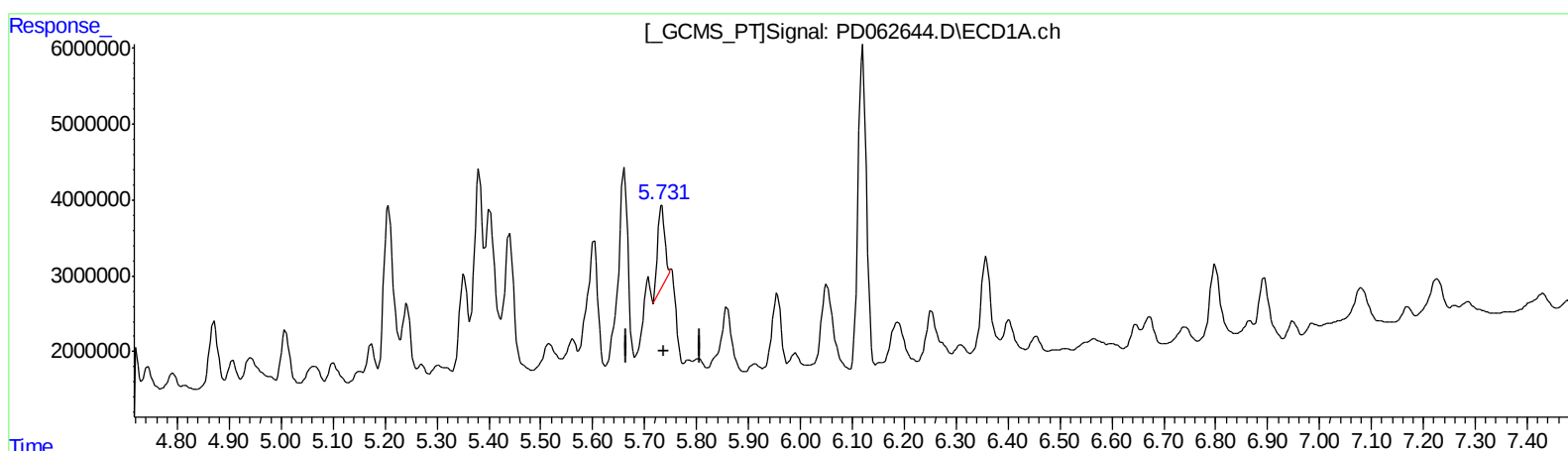
Instrument :  
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ClientSampled :  
BG587

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



QEdit

(13) Dieldrin (MA)  
5.733min 7.933 ng/ml  
response 9999129

(13) Dieldrin #2 (MA)  
6.460min 6.473 ng/ml  
response 100370770

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ALS Vial : 35 Sample Multiplier: 1

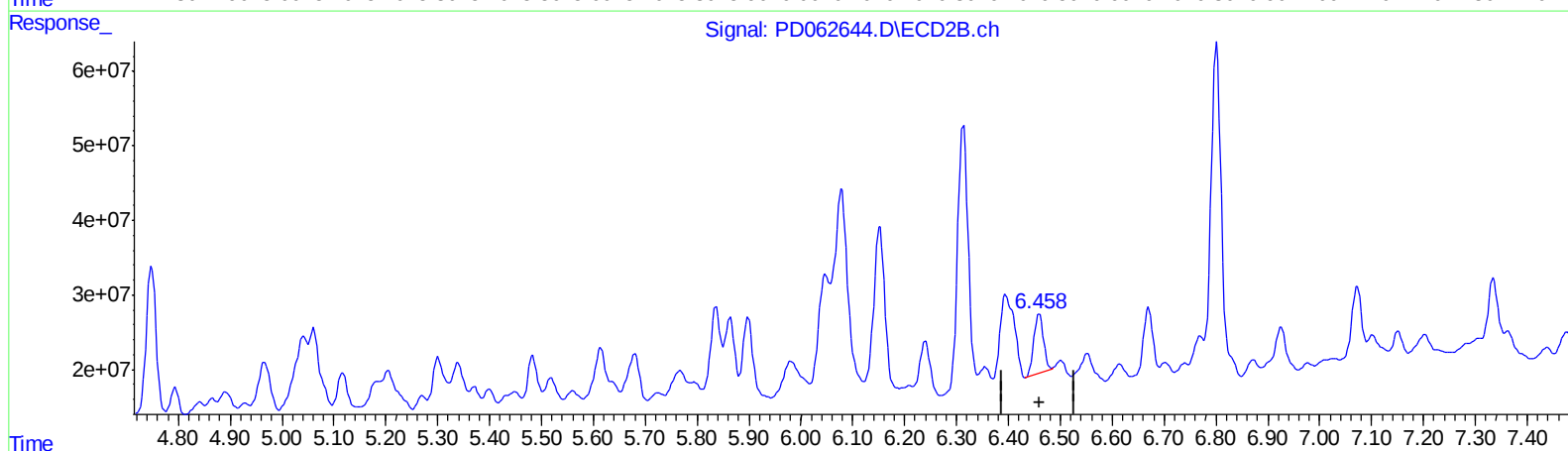
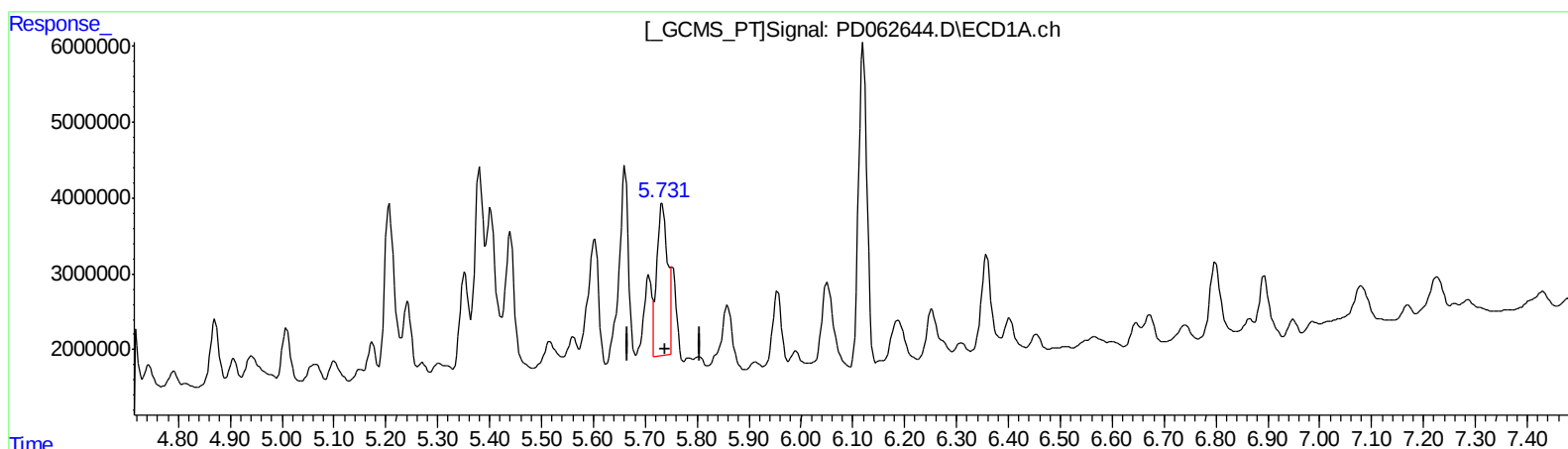
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QEdit

(13) Dieldrin (MA)  
5.731min 22.333 ng/ml m  
response 28150673

(13) Dieldrin #2 (MA)  
6.460min 6.473 ng/ml  
response 100370770

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
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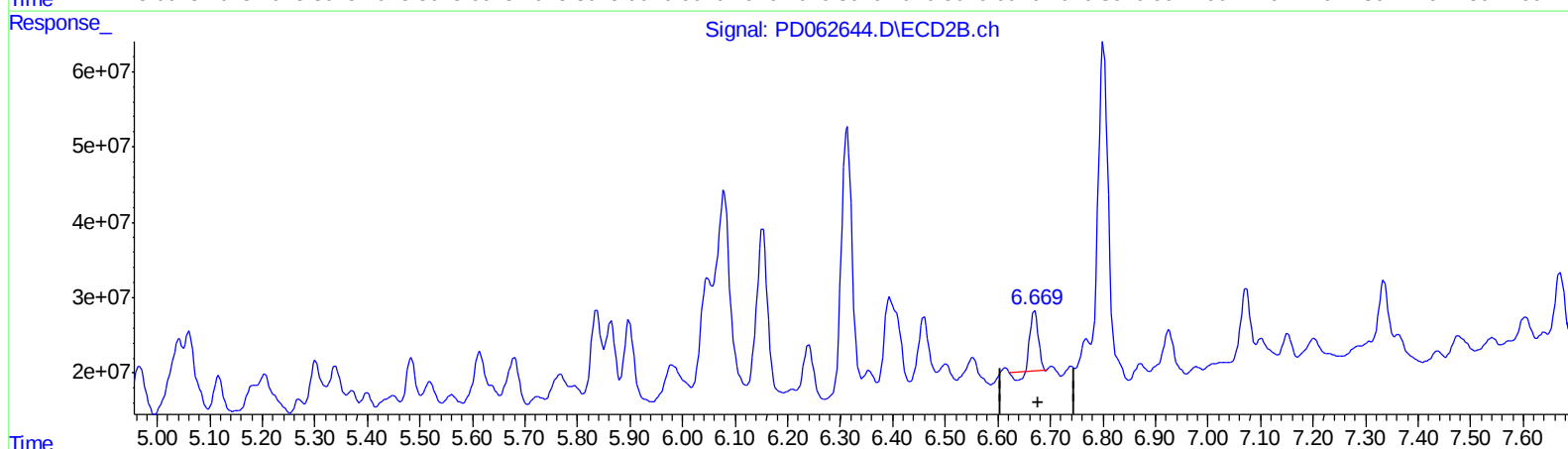
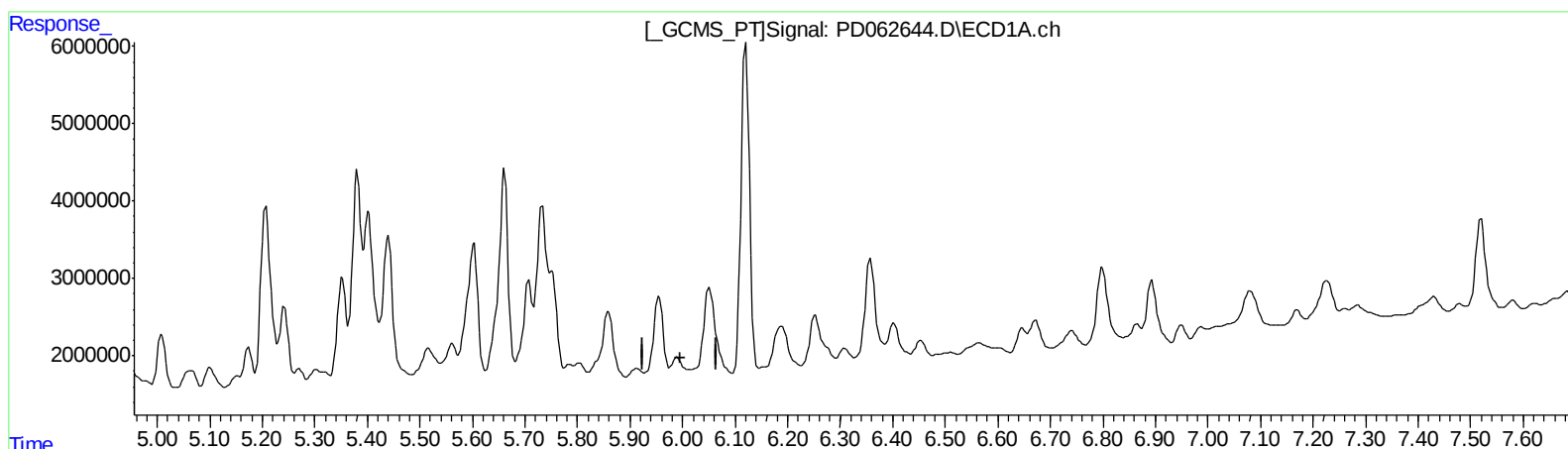
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QEdit

(14) Endrin (MA)

5.990min -6.140 ng/ml

response -6496165

(14) Endrin #2 (MA)

6.670min 6.243 ng/ml

response 77861077

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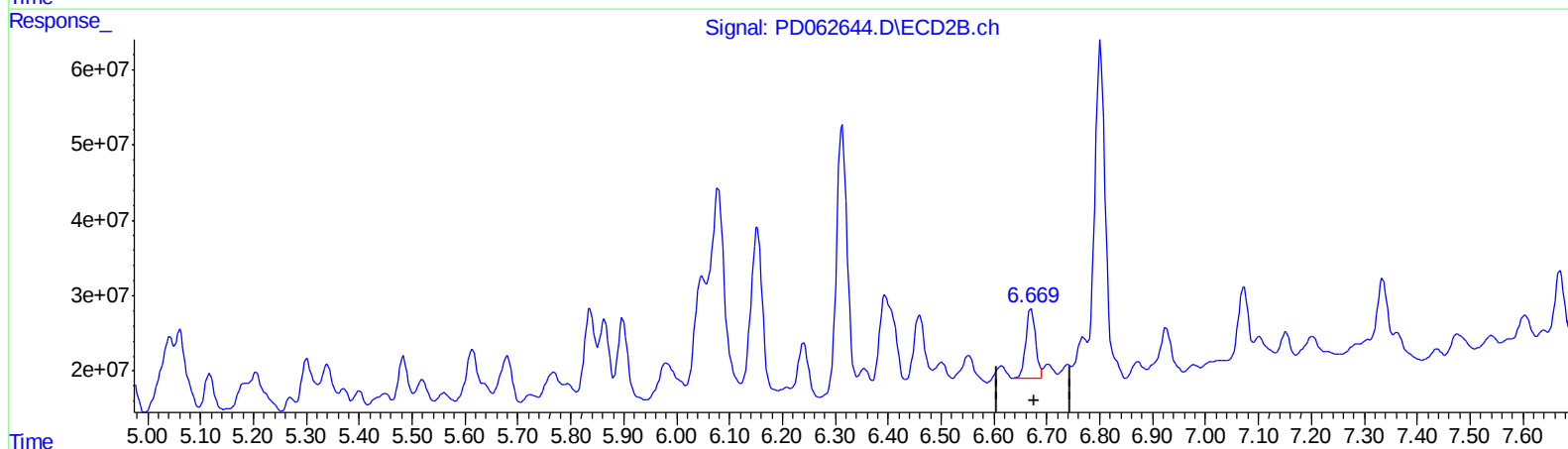
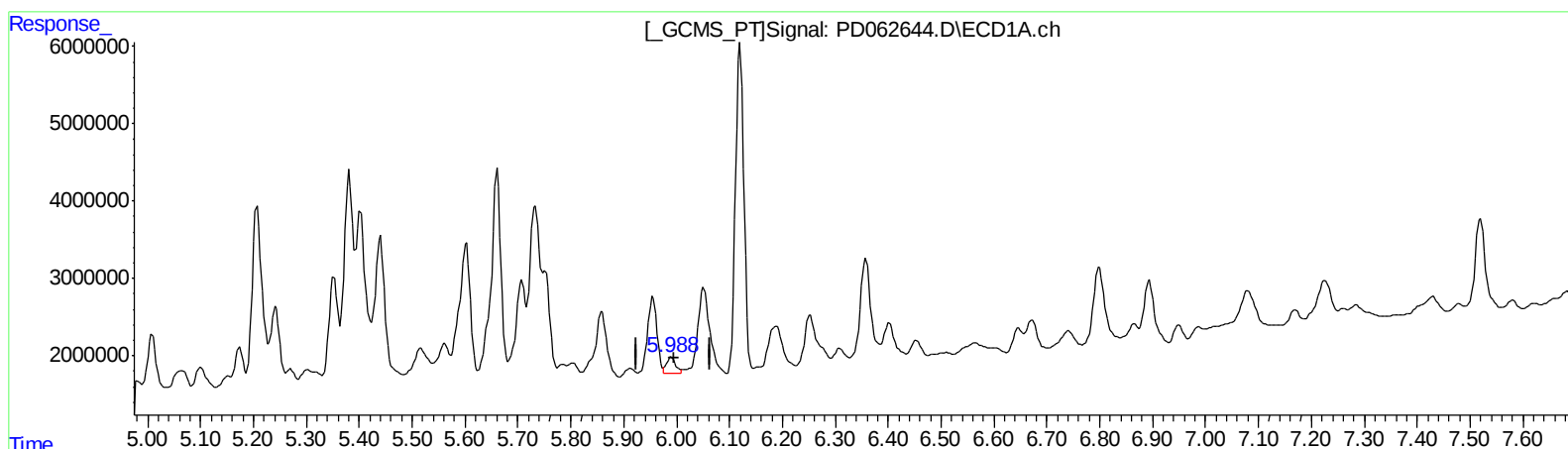
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QEdit

(14) Endrin (MA)

5.988min 2.269 ng/ml m

response 2400762

(14) Endrin #2 (MA)

6.669min 9.649 ng/ml m

response 120330929

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2021 18:16  
Operator : AR\AJ  
Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

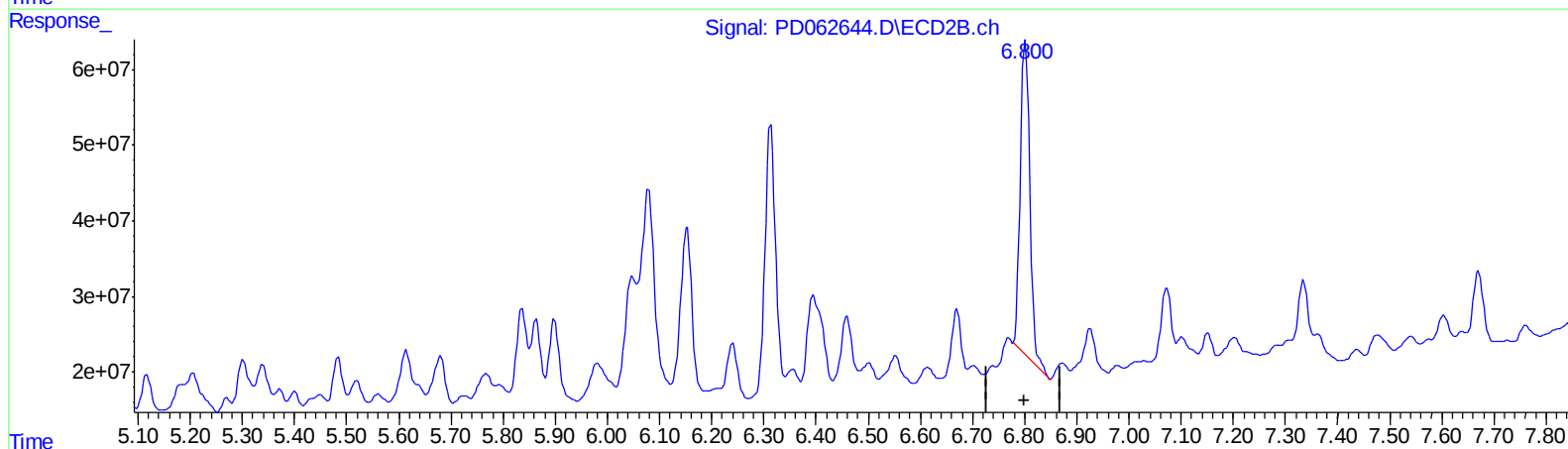
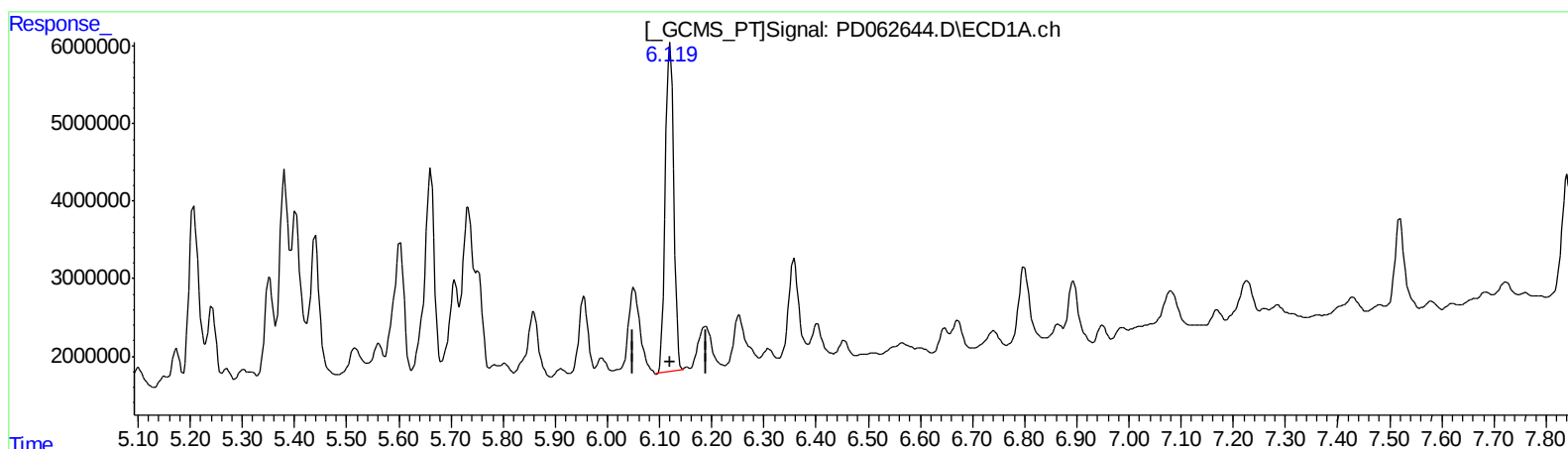
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

Manual Integrations  
APPROVED

Ankita  
5/3/2021 3:13:41 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 23:22:42 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

(16) 4,4'-DDD (A)  
6.120min 47.125 ng/ml  
response 46926007

(16) 4,4'-DDD #2 (A)  
6.801min 42.520 ng/ml  
response 528477088

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
Data File : PD062644.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2021 18:16  
Operator : AR\AJ  
Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

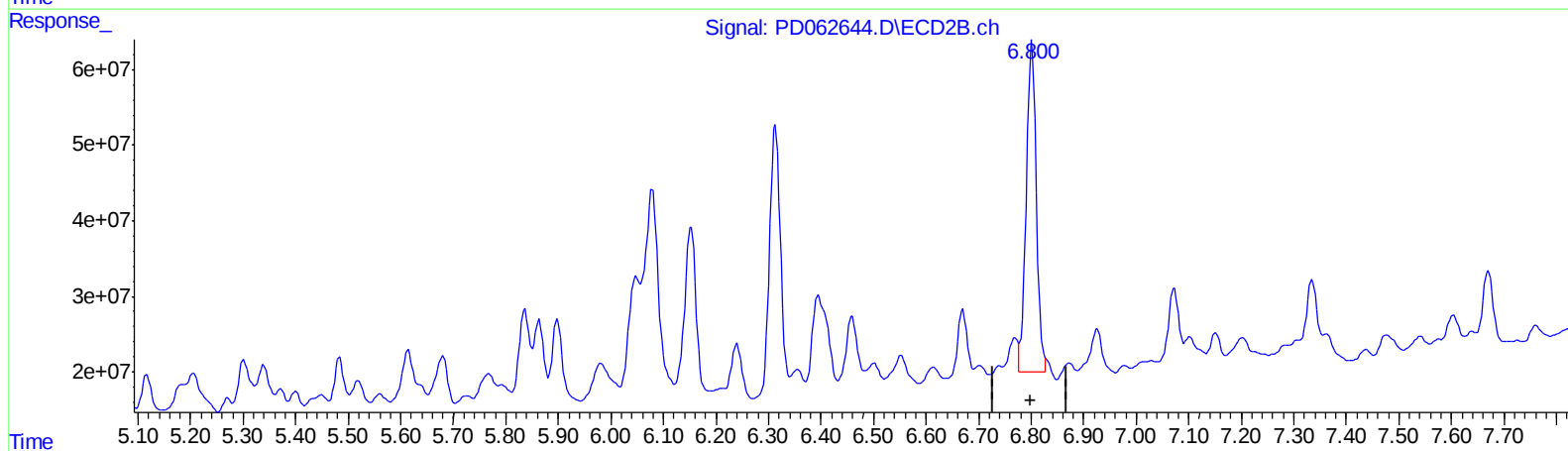
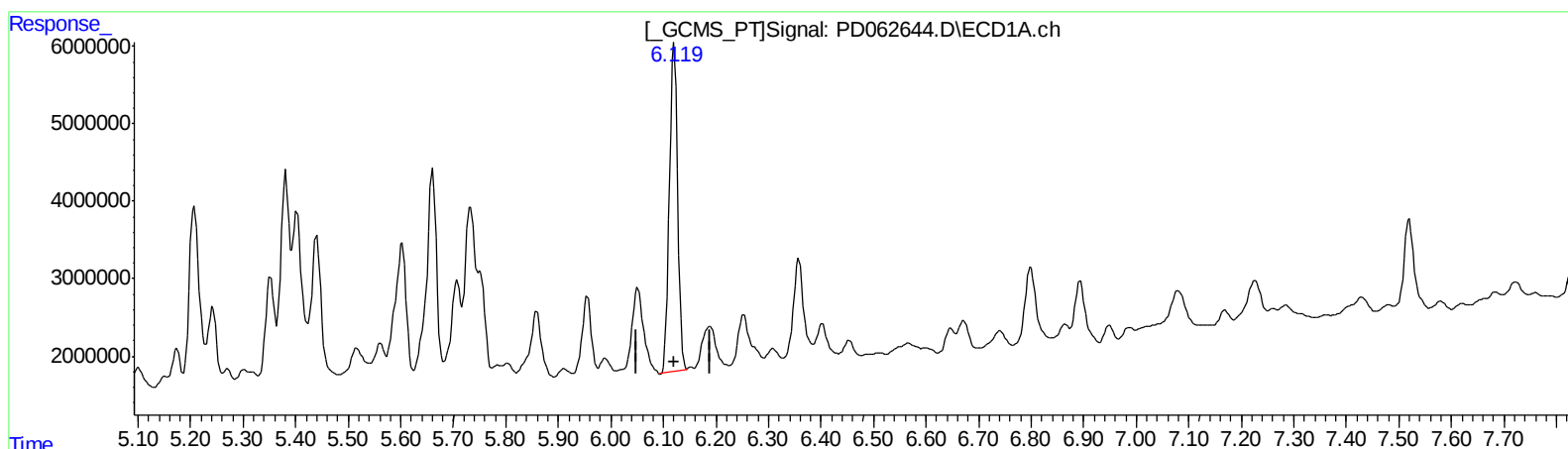
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

Manual Integrations  
APPROVED

Ankita  
5/3/2021 3:13:41 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 23:22:42 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

(16) 4,4'-DDD (A)  
6.120min 47.125 ng/ml  
response 46926007

(16) 4,4'-DDD #2 (A)  
6.800min 47.285 ng/ml m  
response 587691962

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
Data File : PD062644.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2021 18:16  
Operator : AR\AJ  
Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

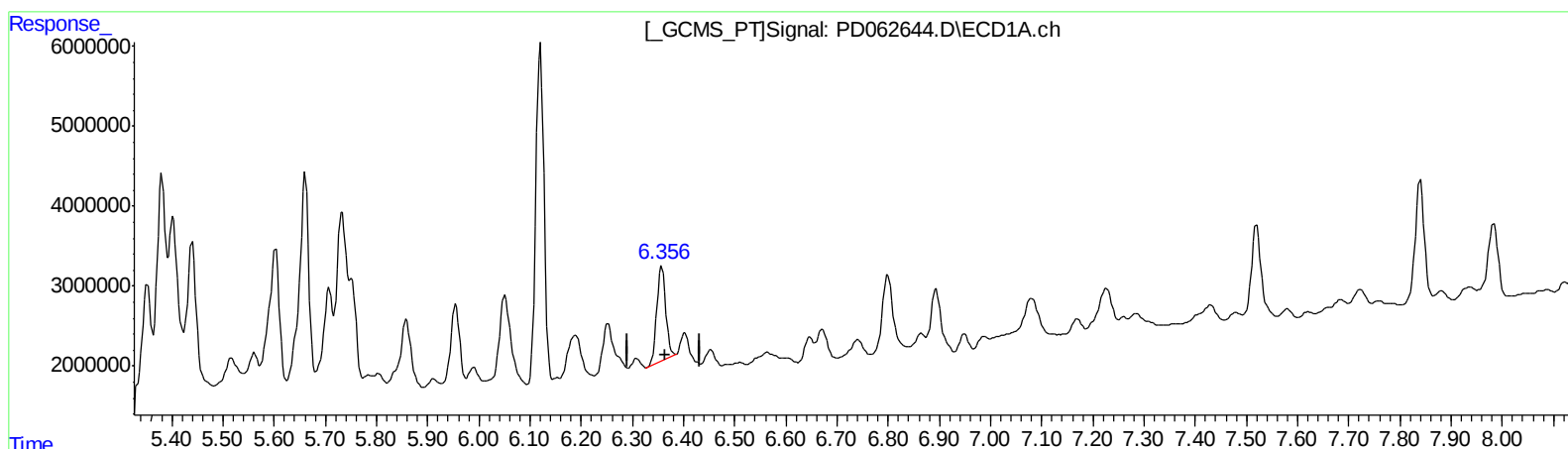
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

Manual Integrations  
APPROVED

Ankita  
5/3/2021 3:13:41 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 23:22:42 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

(17) 4,4'-DDT (MA)  
6.358min 15.293 ng/ml  
response 14324524

(17) 4,4'-DDT #2 (MA)  
7.102min 0.920 ng/ml  
response 10928497

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
Data File : PD062644.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2021 18:16  
Operator : AR\AJ  
Sample : M2177-17  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

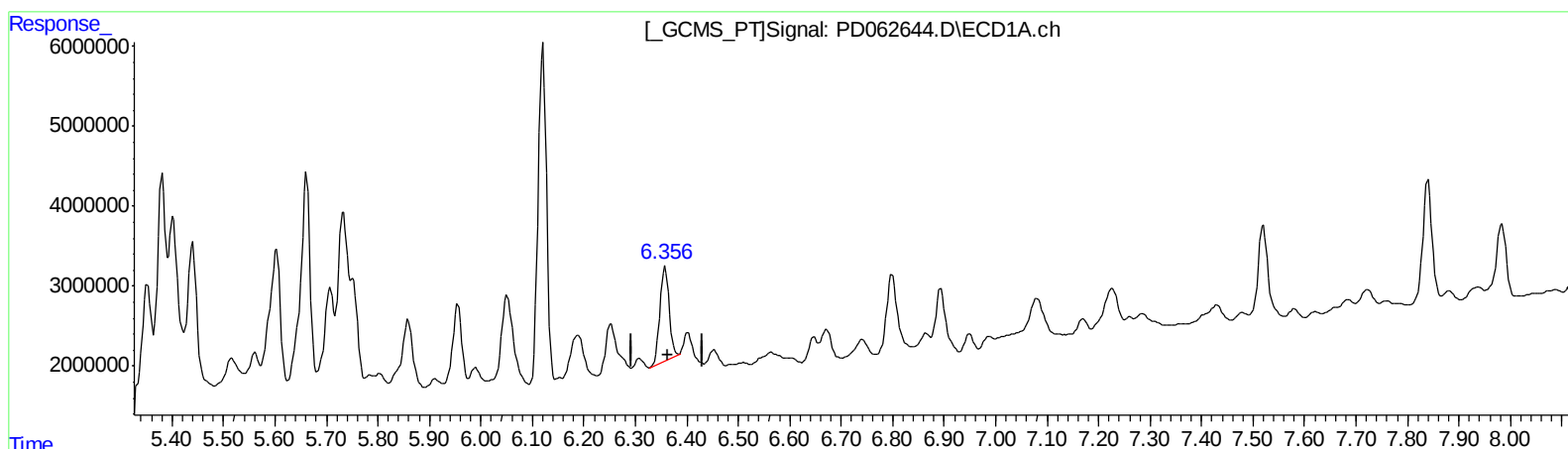
Instrument :  
ECD\_D  
ClientSampleId :  
BG587

Manual Integrations  
APPROVED

Ankita  
5/3/2021 3:13:41 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 23:22:42 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



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

6.358min 15.293 ng/ml

response 14324524

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

7.101min 3.406 ng/ml m

response 40444684

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD043021\  
 Data File : PD062644.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2021 18:16  
 Operator : AR\AJ  
 Sample : M2177-17  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 23:22:42 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 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...          | 3.441 | 3.973 | 10798720 | 98504785 | 11.279  | 8.112 #  |
| 27) SA Decachlor...         | 8.199 | 9.035 | 37261422 | 280.1E6  | 34.714m | 25.662m# |
| Target Compounds            |       |       |          |          |         |          |
| 3) MA gamma-BHC...          | 4.166 | 4.646 | 1827995  | 33516467 | 1.368   | 1.940m#  |
| 7) B delta-BHC              | 4.627 | 5.041 | 9451078  | 182.4E6  | 6.946m  | 9.829m#  |
| 8) B Heptachlo...           | 5.150 | 5.836 | 1802360  | 129.2E6  | 1.471m  | 8.052 #  |
| 10) B trans-Chl...          | 5.380 | 6.078 | 29360493 | 470.4E6  | 23.420m | 28.722m  |
| 11) B cis-Chlor...          | 5.439 | 6.153 | 21992234 | 298.8E6  | 17.910m | 19.250   |
| 12) B 4,4'-DDE              | 5.603 | 6.313 | 20716922 | 467.9E6  | 16.740  | 29.861 # |
| 13) MA Dieldrin             | 5.731 | 6.460 | 28150673 | 100.4E6  | 22.333m | 6.473 #  |
| 14) MA Endrin               | 5.988 | 6.669 | 2400762  | 120.3E6  | 2.269m  | 9.649m#  |
| 16) A 4,4'-DDD              | 6.120 | 6.800 | 46926007 | 587.7E6  | 47.125  | 47.285m  |
| 17) MA 4,4'-DDT             | 6.358 | 7.101 | 14324524 | 40444684 | 15.293  | 3.406m#  |
| 20) A Methoxychlor          | 6.893 | 7.541 | 8201629  | 16857024 | 15.371  | 2.974 #  |
| -----                       |       |       |          |          |         |          |

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

AT  
 05/06/21

|                                                   |                                                                  |
|---------------------------------------------------|------------------------------------------------------------------|
| Instrument :<br>ECD_D<br>ClientSampled :<br>BG587 | Manual Integrations<br>APPROVED<br>Ankita<br>5/3/2021 3:13:41 PM |
|---------------------------------------------------|------------------------------------------------------------------|