

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
Data File : PD063847.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jun 2021 08:16  
Operator : AR\AJ  
Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

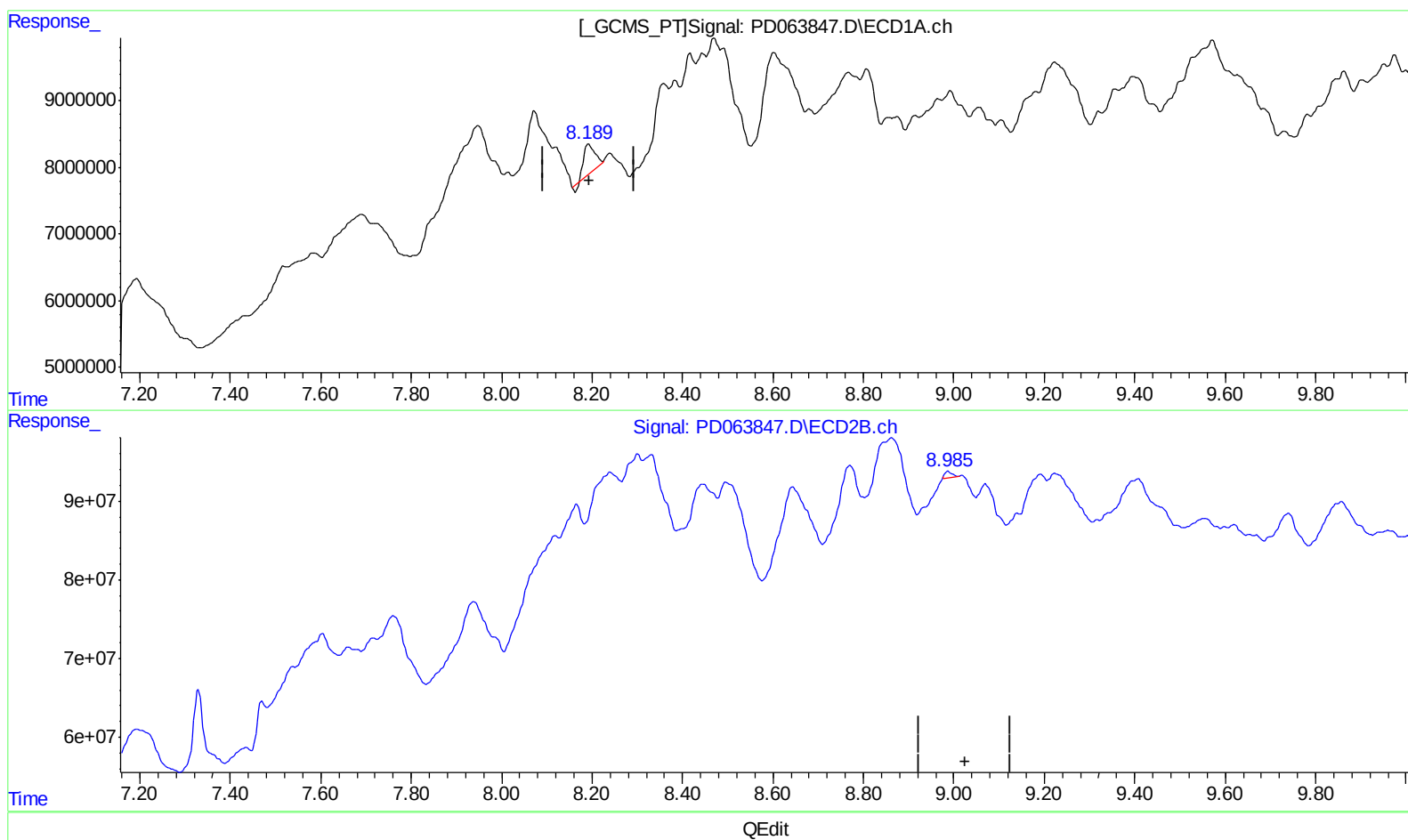
Instrument :  
ECD\_D  
ClientSampleId :  
BG5R0DL

Manual Integrations  
APPROVED

Ankita  
6/18/2021 9:02:59 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 15 08:56:29 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 15 03:10:50 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



(27) Decachlorobiphenyl (SA)

8.192min 3.838 ng/ml

response 6643734

(27) Decachlorobiphenyl #2 (SA)

8.987min 0.630 ng/ml

response 8733631

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ALS Vial : 34 Sample Multiplier: 1

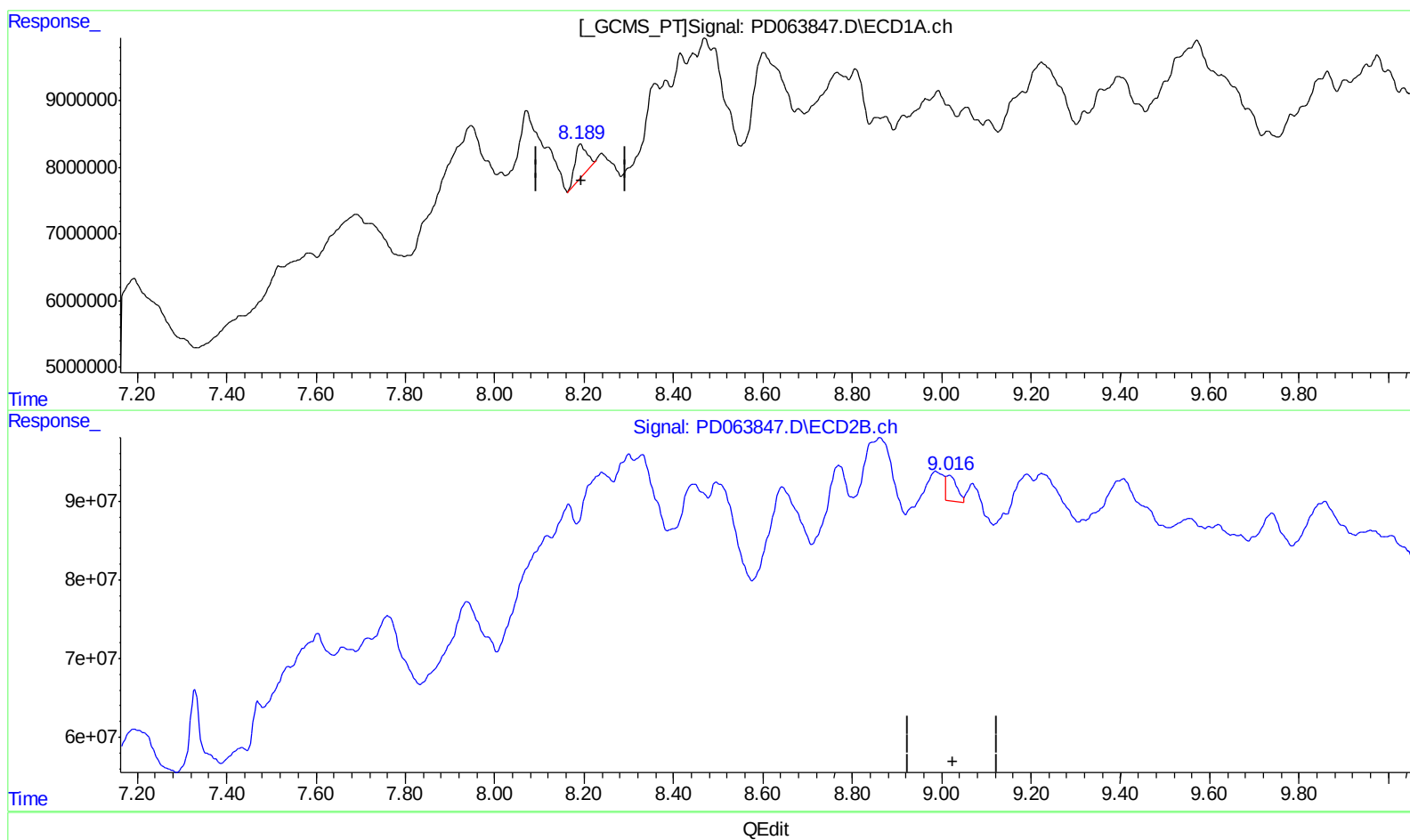
Instrument :  
ECD\_D  
ClientSampleId :  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(27) Decachlorobiphenyl (SA)

8.189min 5.553 ng/ml m

response 9612507

(27) Decachlorobiphenyl #2 (SA)

9.016min 4.074 ng/ml m

response 56498071

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ALS Vial : 34 Sample Multiplier: 1

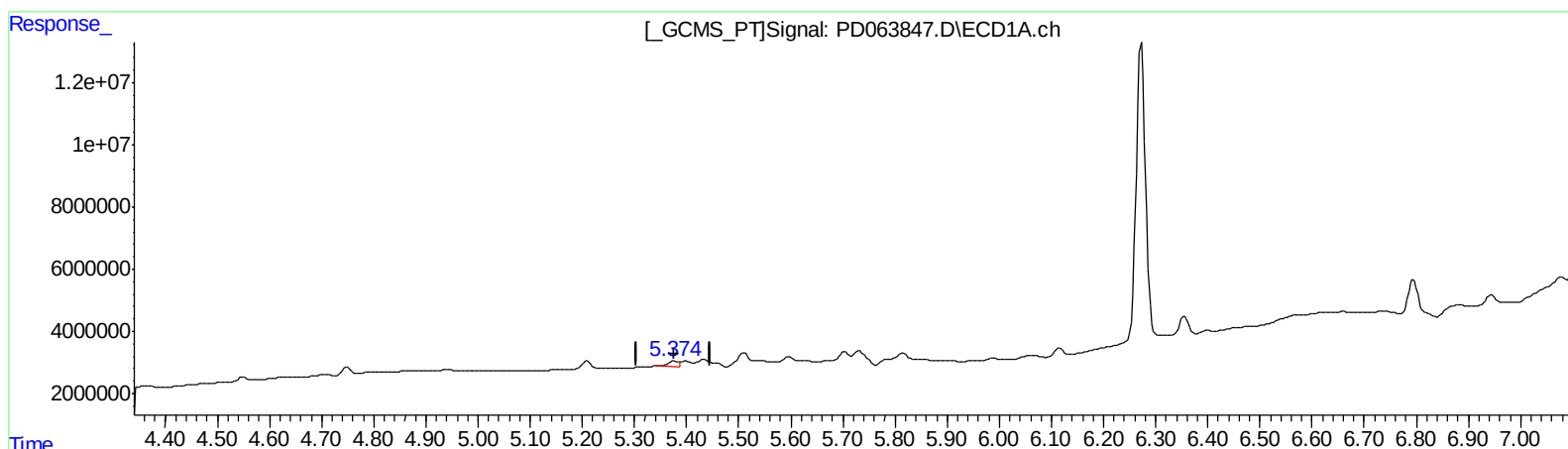
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ECD\_D  
ClientSampleId :  
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(10) trans-Chlordane (B)

5.375min 1.155 ng/ml

response 2246995

(10) trans-Chlordane #2 (B)

6.067min 0.682 ng/ml

response 14347719

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
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Acq On : 15 Jun 2021 08:16  
Operator : AR\AJ  
Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

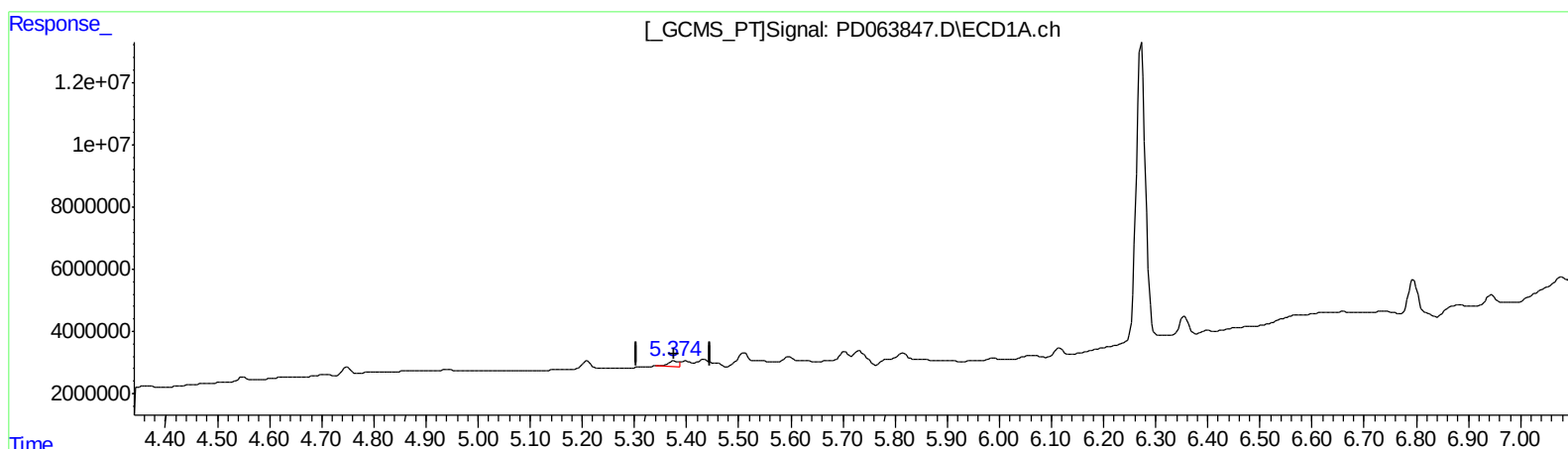
Instrument :  
ECD\_D  
ClientSampleId :  
BG5R0DL

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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)

5.375min 1.155 ng/ml

response 2246995

(10) trans-Chlordane #2 (B)

6.065min 2.501 ng/ml m

response 52613742

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
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Operator : AR\AJ  
Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

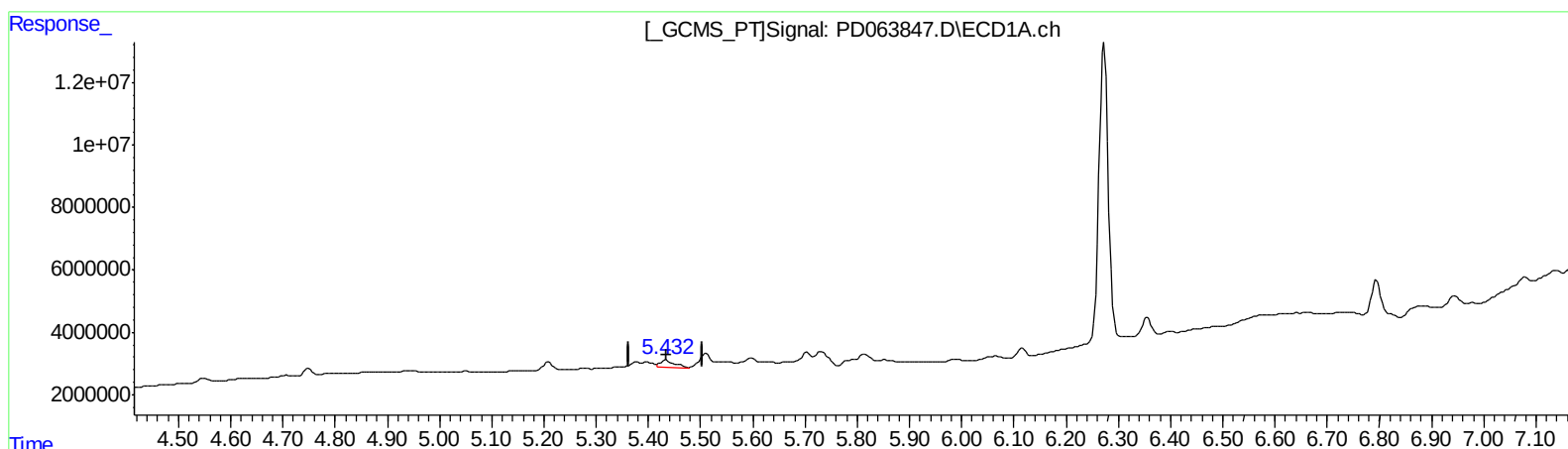
Instrument :  
ECD\_D  
ClientSampleId :  
BG5R0DL

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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



(11) cis-Chlordane (B)

5.434min 2.650 ng/ml

response 5034735

(11) cis-Chlordane #2 (B)

6.151min 0.419 ng/ml

response 8443611

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
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Acq On : 15 Jun 2021 08:16  
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Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

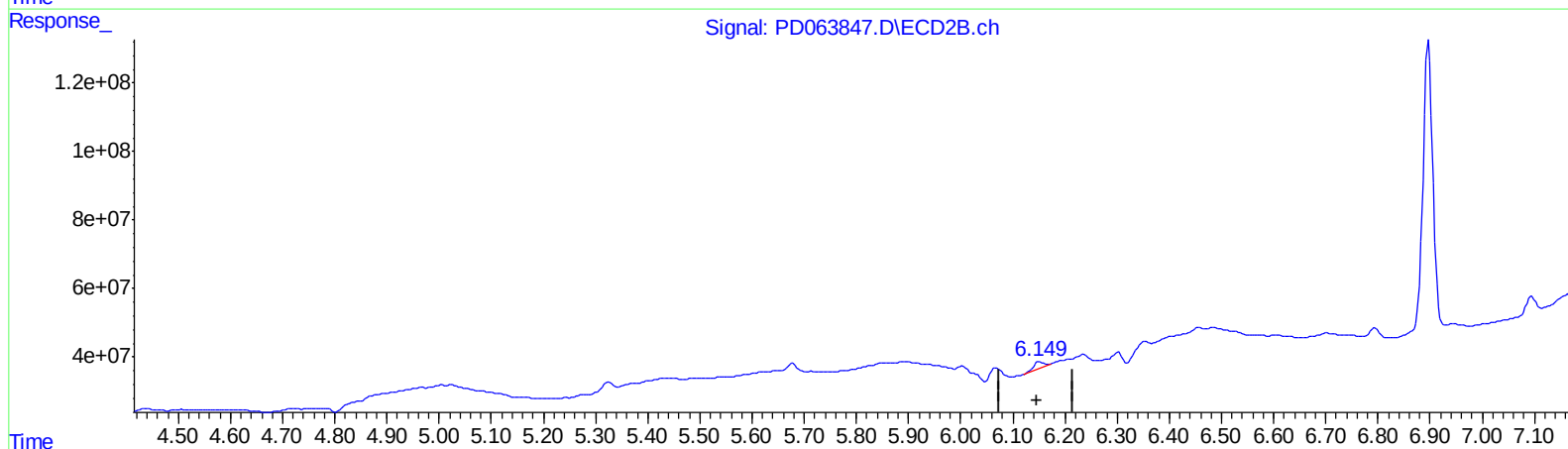
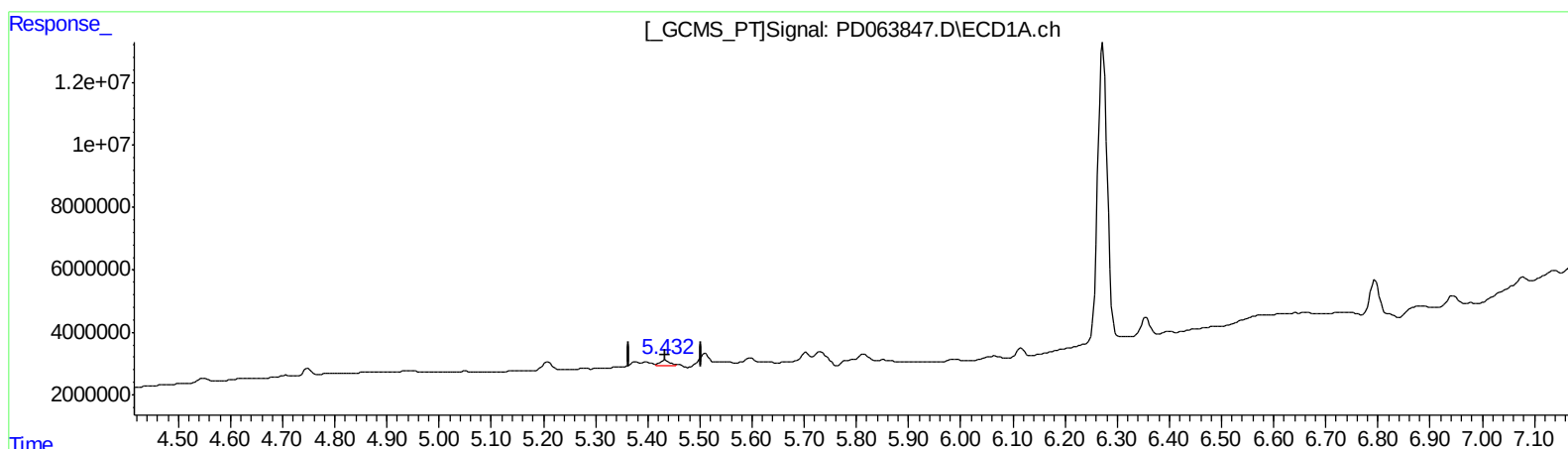
Instrument :  
ECD\_D  
ClientSampleId :  
BG5R0DL

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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

(11) cis-Chlordane (B)

5.432min 1.551 ng/ml m

response 2946105

(11) cis-Chlordane #2 (B)

6.149min 1.484 ng/ml m

response 29895975

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
Data File : PD063847.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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Operator : AR\AJ  
Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

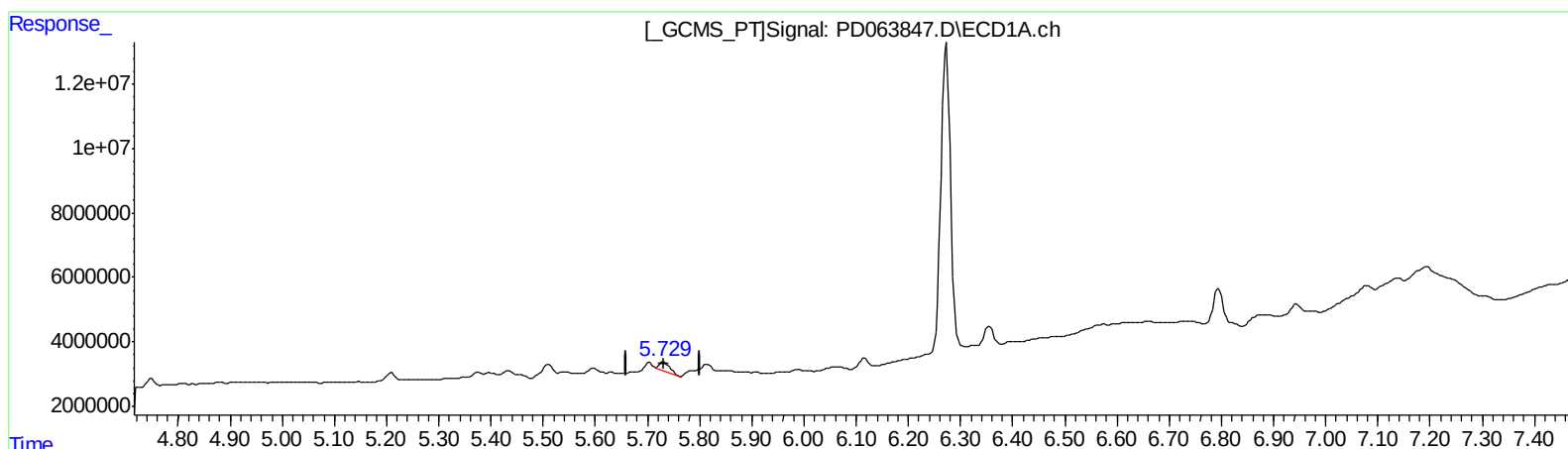
Instrument :  
ECD\_D  
ClientSampleId :  
BG5R0DL

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



(13) Dieldrin (MA)  
5.731min 1.828 ng/ml  
response 3825437

(13) Dieldrin #2 (MA)  
6.457min 1.165 ng/ml  
response 24366220





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
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Operator : AR\AJ  
Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

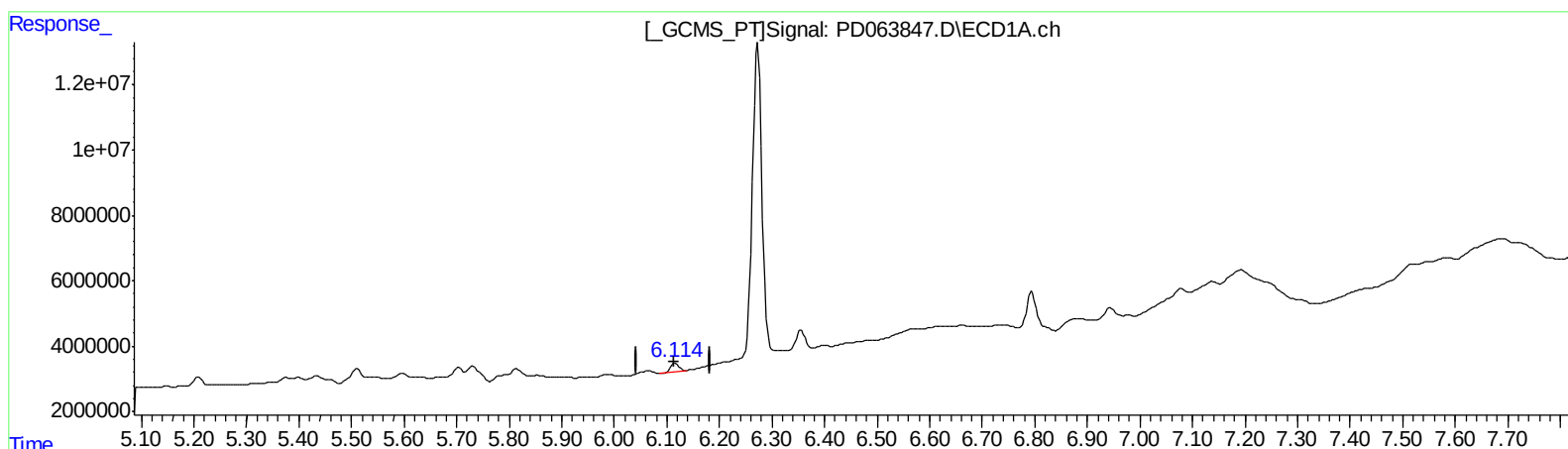
Instrument :  
ECD\_D  
ClientSampleId :  
BG5R0DL

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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



(16) 4,4'-DDD (A)  
6.116min 1.690 ng/ml  
response 2790704

(16) 4,4'-DDD #2 (A)  
6.794min 1.820 ng/ml  
response 30629372

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
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Operator : AR\AJ  
Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

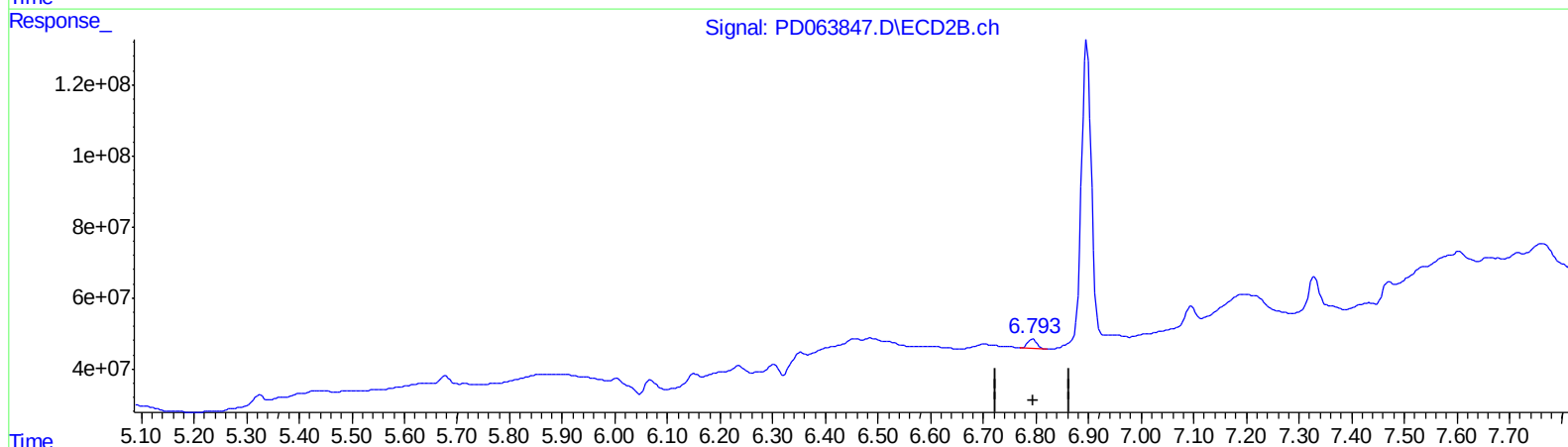
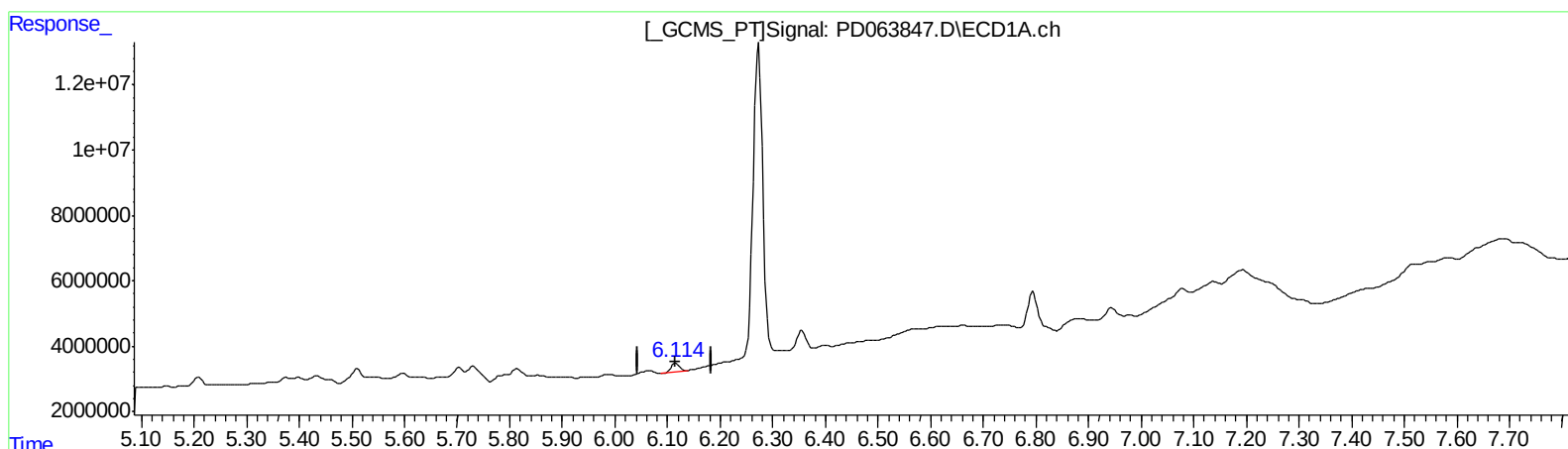
Instrument :  
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BG5R0DL

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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)  
6.116min 1.690 ng/ml  
response 2790704

(16) 4,4'-DDD #2 (A)  
6.793min 2.058 ng/ml m  
response 34645474

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
Data File : PD063847.D  
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Acq On : 15 Jun 2021 08:16  
Operator : AR\AJ  
Sample : M2618-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

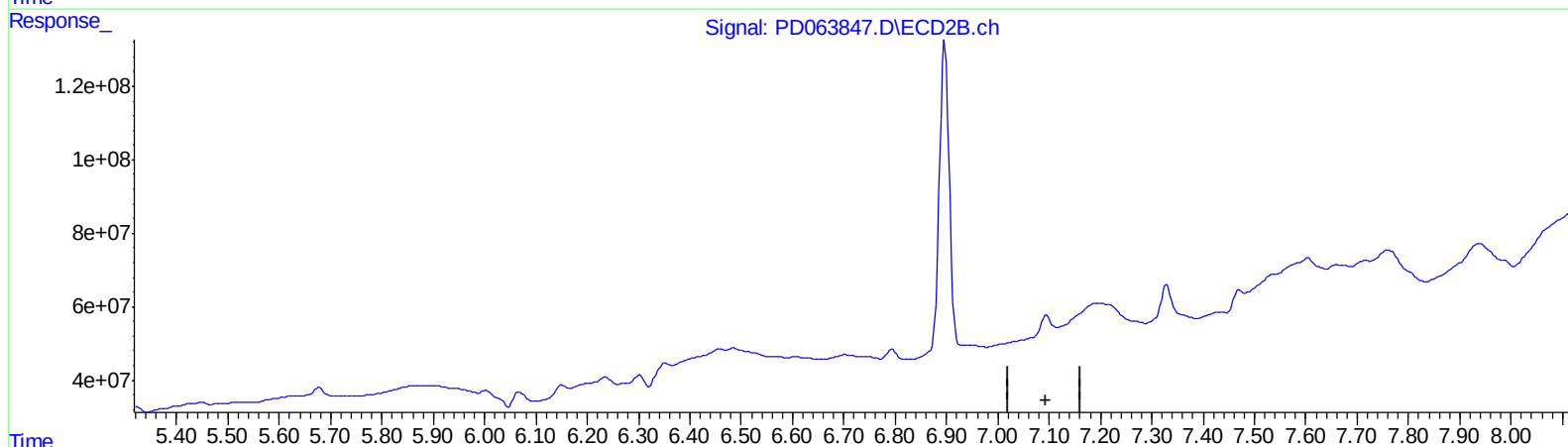
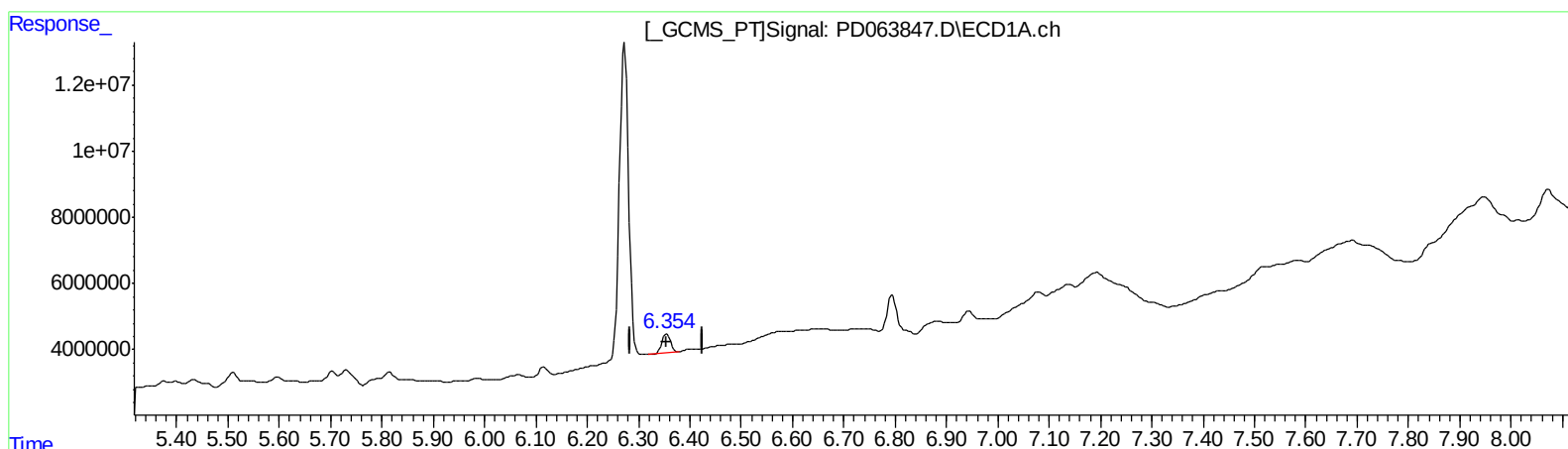
Instrument :  
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BG5R0DL

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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)  
6.355min 3.957 ng/ml  
response 6659165

(17) 4,4'-DDT #2 (MA)  
7.095min -1.858 ng/ml  
response -30590427

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
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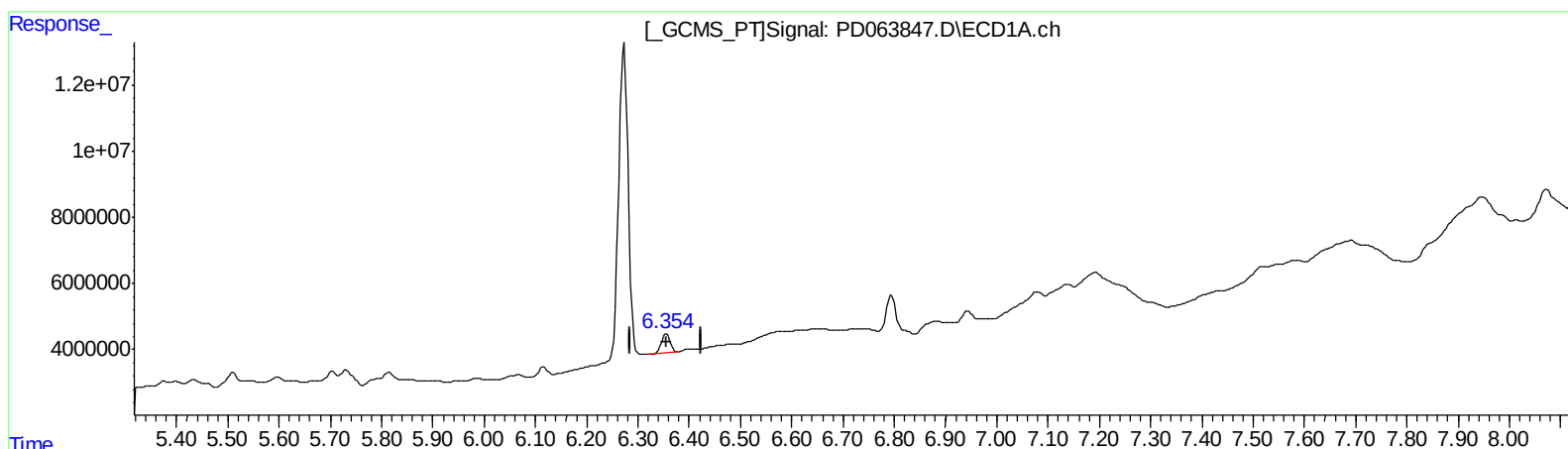
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.355min 3.957 ng/ml

response 6659165

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

7.092min 3.551 ng/ml m

response 58455331

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
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 Signal #1 Info : 30M x 0.32mm x0.2 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...          | 3.438 | 3.972 | 1841201 | 15881160 | 1.184  | 1.003   |
| 27) SA Decachlor...         | 8.189 | 9.016 | 9612507 | 56498071 | 5.553m | 4.074m# |
| Target Compounds            |       |       |         |          |        |         |
| 10) B trans-Chl...          | 5.375 | 6.065 | 2246995 | 52613742 | 1.155  | 2.501m# |
| 11) B cis-Chlor...          | 5.432 | 6.149 | 2946105 | 29895975 | 1.551m | 1.484m  |
| 13) MA Dieldrin             | 5.729 | 6.455 | 6006827 | 19383875 | 2.870m | 0.927m# |
| 15) B Endosulfa...          | 6.273 | 6.897 | 120.8E6 | 1099.4E6 | 73.953 | 67.942  |
| 16) A 4,4'-DDD              | 6.116 | 6.793 | 2790704 | 34645474 | 1.690  | 2.058m  |
| 17) MA 4,4'-DDT             | 6.355 | 7.092 | 6659165 | 58455331 | 3.957  | 3.551m  |
| -----                       |       |       |         |          |        |         |

AS  
 06/21/21

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