

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

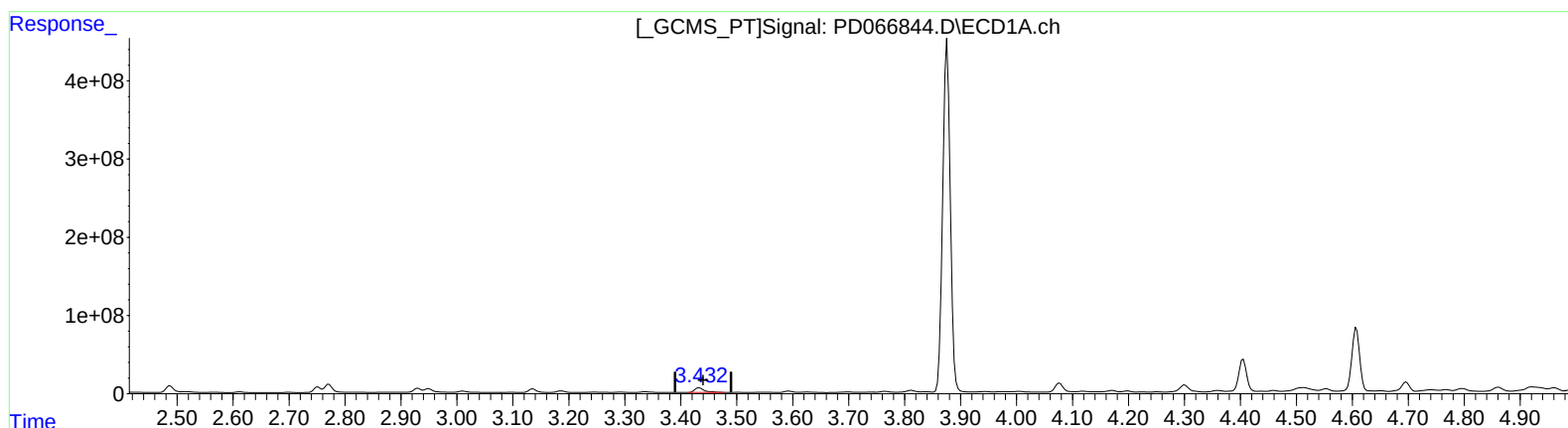
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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



(1) Tetrachloro-m-xylene (SA)

3.433min 38.114 ng/ml

response 73677390

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

3.967min 15.230 ng/ml

response 131896267

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

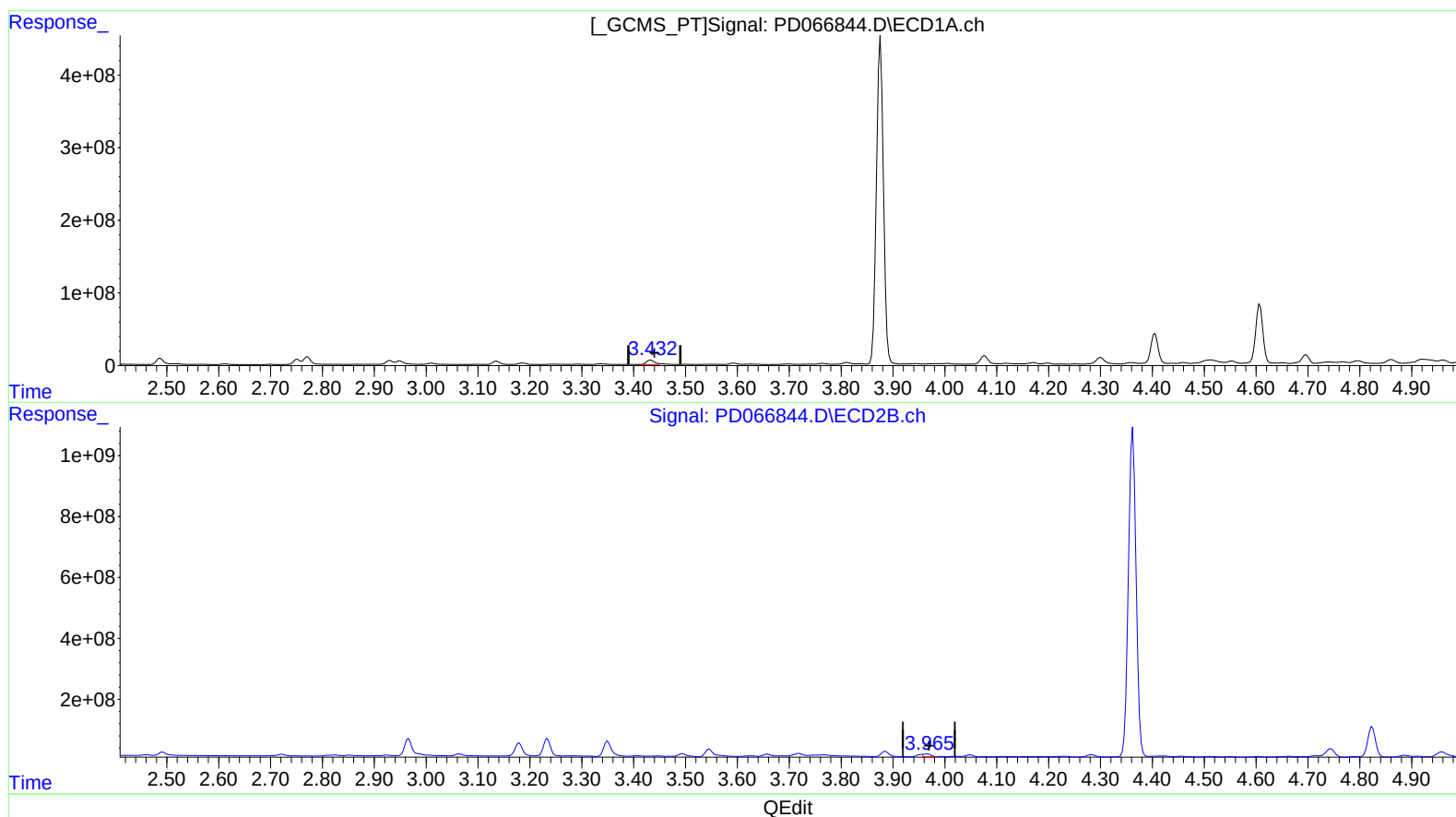
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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



(1) Tetrachloro-m-xylene (SA)

3.432min 34.445 ng/ml m

response 66585712

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

3.965min 10.312 ng/ml m

response 89309264

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

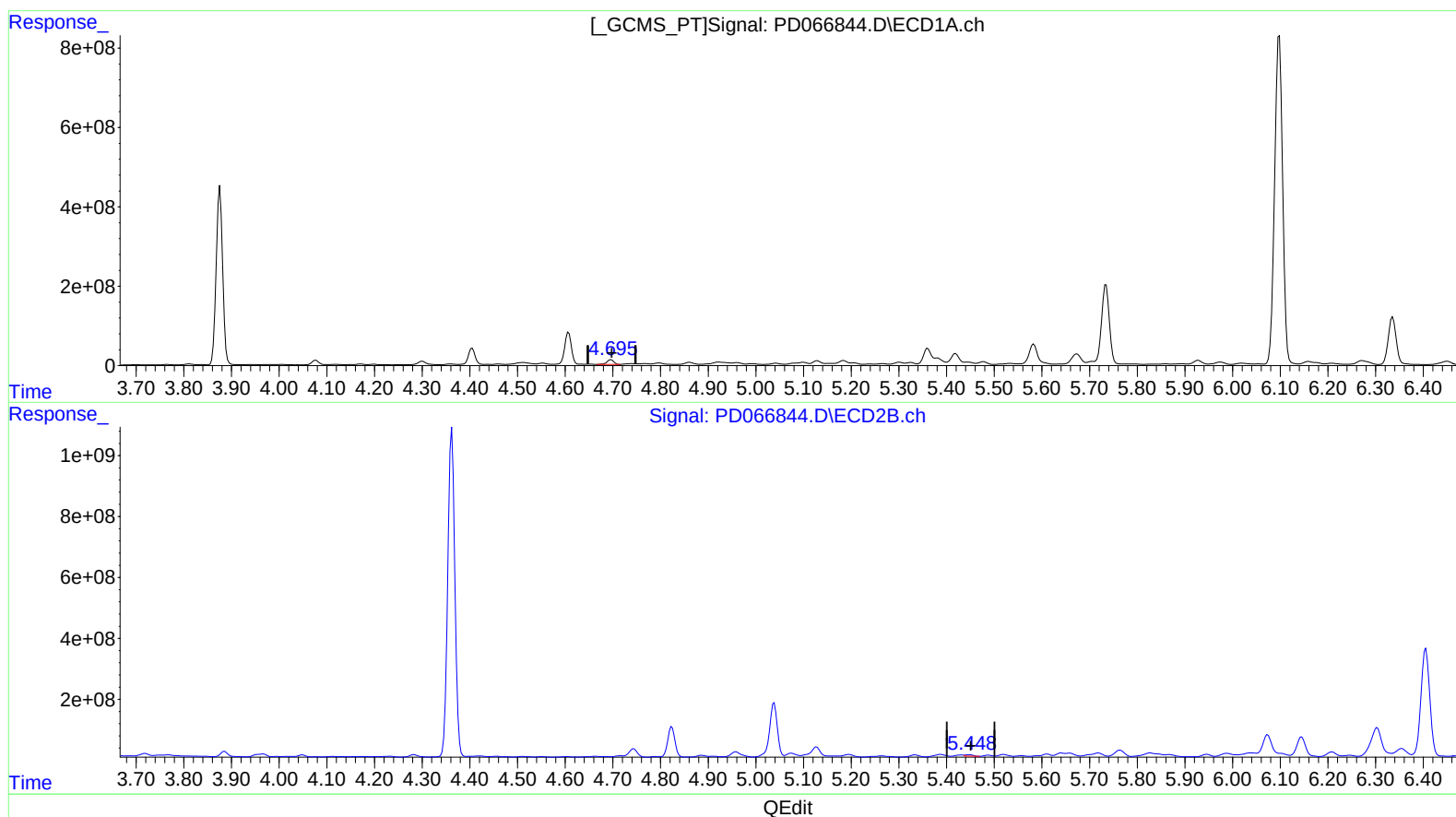
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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



(5) Aldrin (MB)

4.697min 41.280 ng/ml

response 118856510

(5) Aldrin #2 (MB)

5.449min 5.694 ng/ml

response 53654941

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

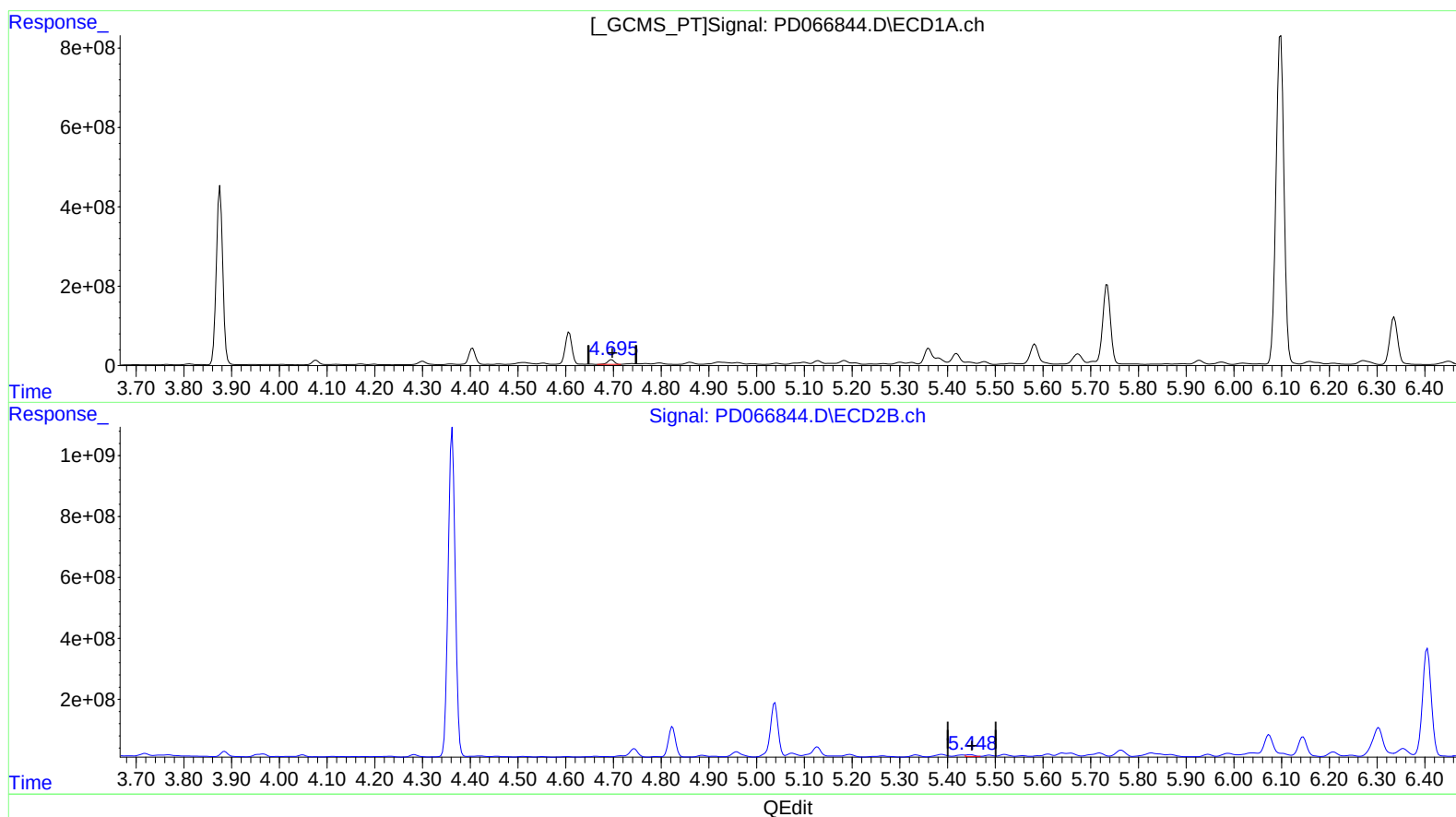
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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



(5) Aldrin (MB)

4.697min 41.280 ng/ml

response 118856510

(5) Aldrin #2 (MB)

5.448min 7.048 ng/ml m

response 66407870

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

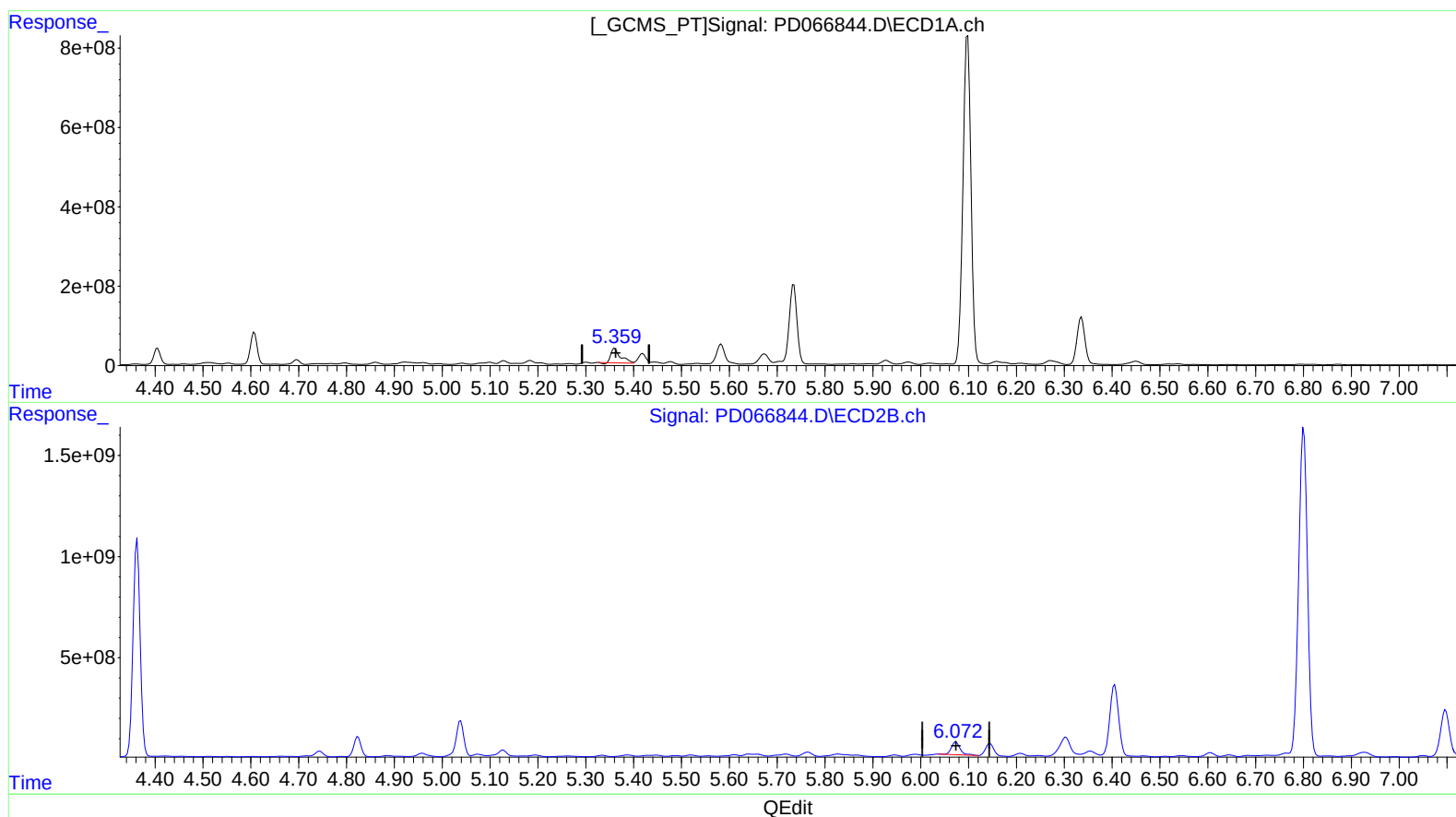
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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



(10) trans-Chlordane (B)

5.361min 192.853 ng/ml

response 498467057

(10) trans-Chlordane #2 (B)

6.074min 93.542 ng/ml

response 805522783

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

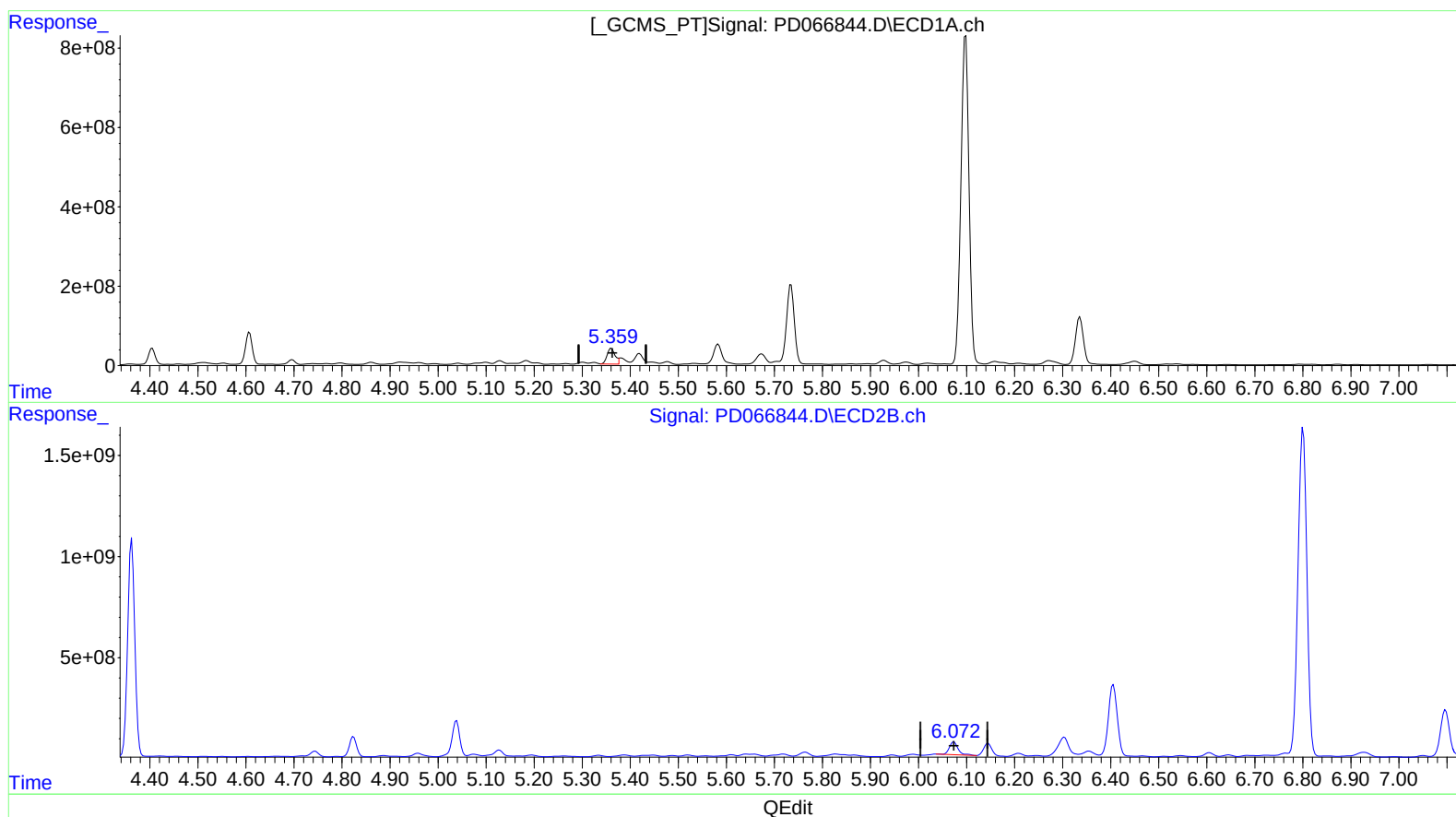
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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



(10) trans-Chlordane (B)  
5.359min 183.963 ng/ml m  
response 475489053

(10) trans-Chlordane #2 (B)  
6.074min 93.542 ng/ml  
response 805522783

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

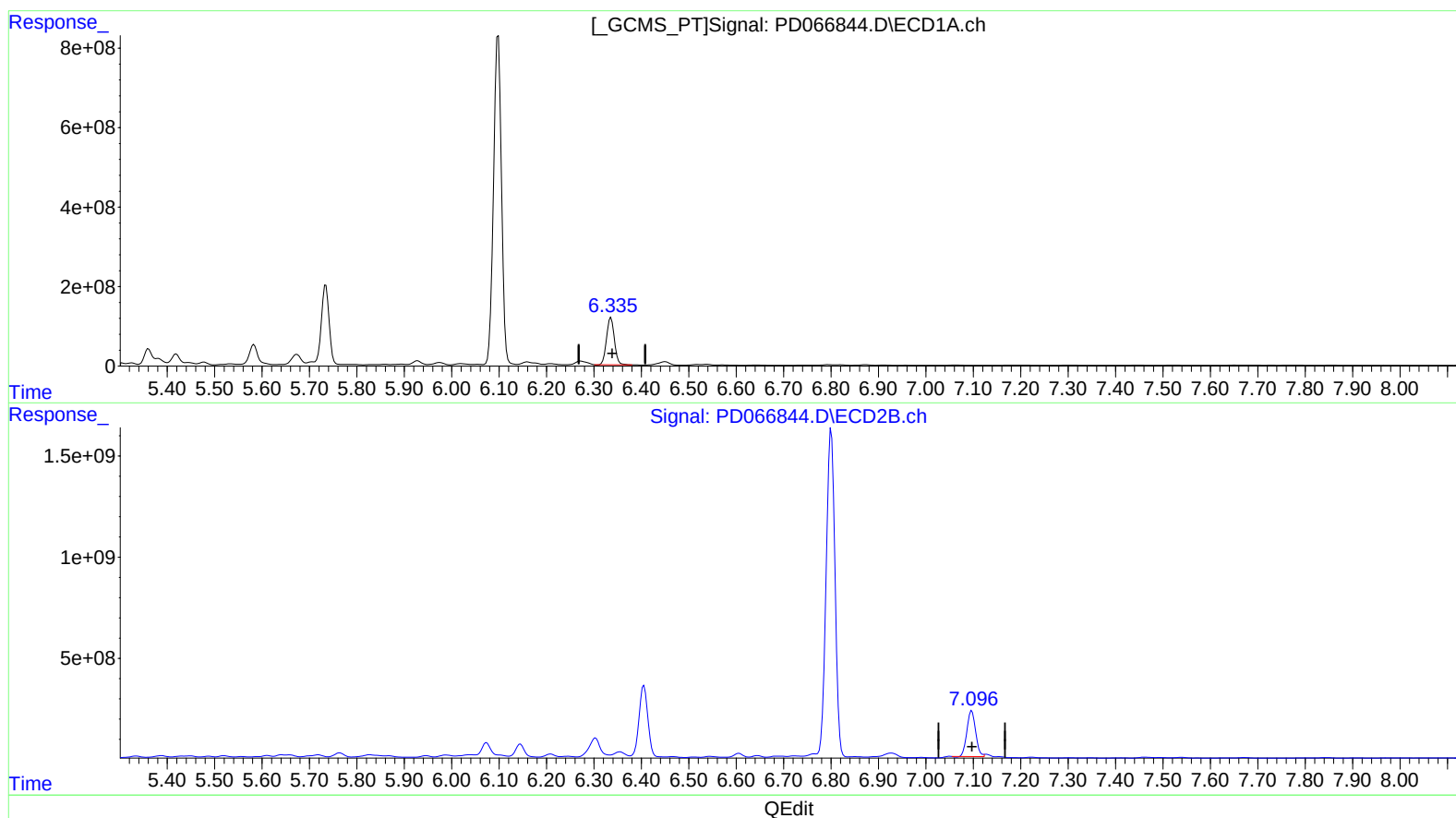
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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)

6.336min 720.196 ng/ml

response 1361711722

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

7.097min 436.113 ng/ml

response 2881022128

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:47  
Operator : AR\AJ  
Sample : M4419-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

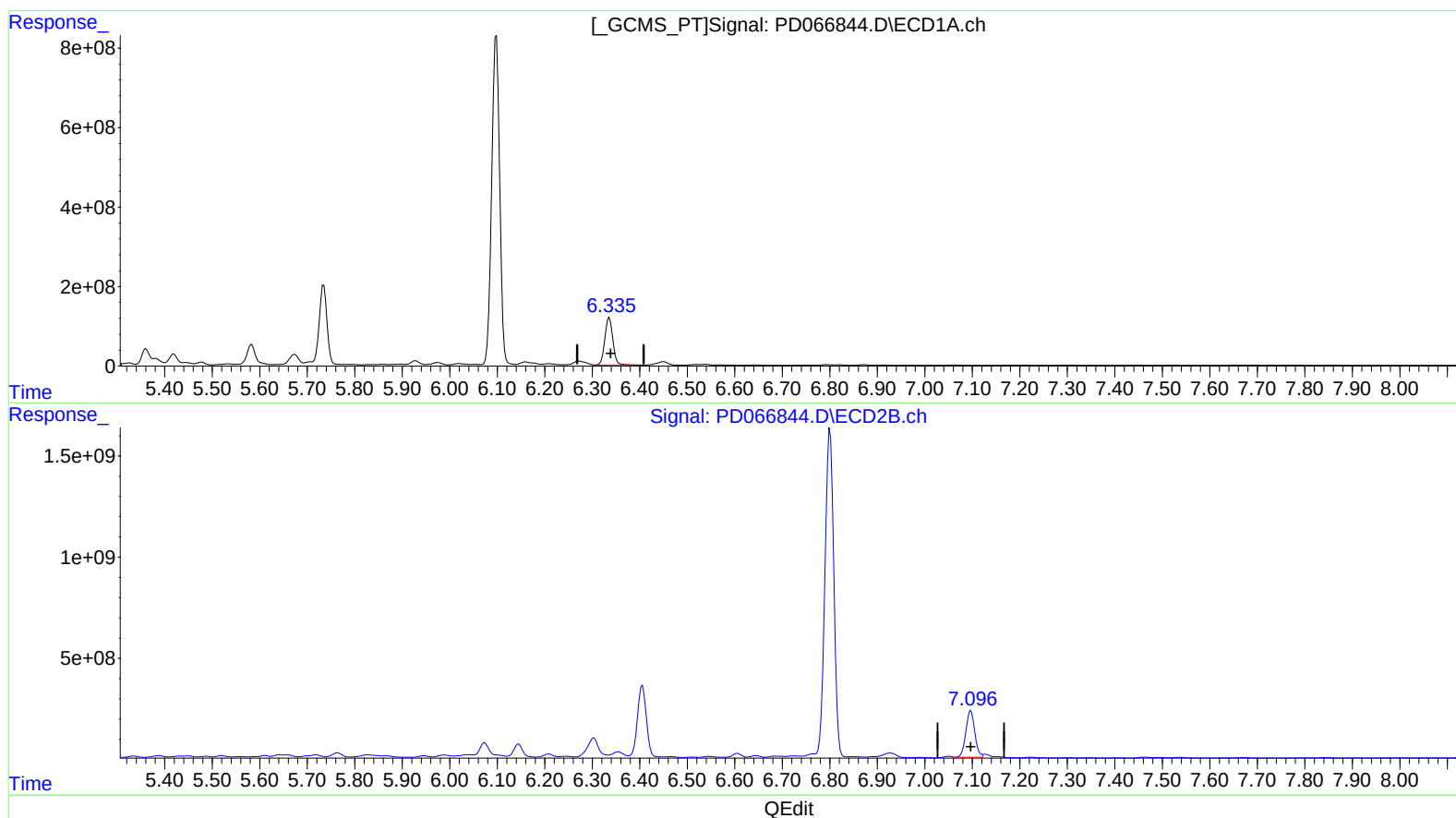
Instrument :  
ECD\_D  
ClientSampleId :  
C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 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)

6.335min 731.227 ng/ml m

response 1382568795

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

7.096min 457.063 ng/ml m

response 3019418887



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
 Data File : PD066844.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Nov 2021 16:47  
 Operator : AR\AJ  
 Sample : M4419-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0HF2

## Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/11/2021  
 Supervised By :mohammad ahmed 11/11/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 02:08:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 16:50:52 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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2    | ng/ml    | ng/ml      |
|-----------------------------|-------|-------|----------|-----------|----------|------------|
| -----                       |       |       |          |           |          |            |
| System Monitoring Compounds |       |       |          |           |          |            |
| 1) SA Tetrachlo...          | 3.432 | 3.965 | 66585712 | 89309264  | 34.445m  | 10.312m#   |
| 27) SA Decachlor...         | 8.163 | 9.025 | 23472132 | 106.5E6   | 20.033   | 20.425     |
| Target Compounds            |       |       |          |           |          |            |
| 2) A alpha-BHC              | 3.876 | 4.363 | 4231.5E6 | 11070.0E6 | 1445.654 | 1012.421 # |
| 5) MB Aldrin                | 4.697 | 5.448 | 118.9E6  | 66407870  | 41.280   | 7.048m#    |
| 6) B beta-BHC               | 4.405 | 4.824 | 390.2E6  | 1045.3E6  | 310.643  | 212.156 #  |
| 7) B delta-BHC              | 4.607 | 5.039 | 769.2E6  | 1917.1E6  | 290.192  | 193.784 #  |
| 9) A Endosulfan I           | 5.478 | 6.209 | 72940899 | 169.2E6   | 31.821   | 21.619 #   |
| 10) B trans-Chl...          | 5.359 | 6.074 | 475.5E6  | 805.5E6   | 183.963m | 93.542 #   |
| 11) B cis-Chlor...          | 5.419 | 6.145 | 294.3E6  | 743.3E6   | 115.507  | 86.622 #   |
| 12) B 4,4'-DDE              | 5.583 | 6.304 | 592.7E6  | 1406.2E6  | 259.488  | 184.664 #  |
| 16) A 4,4'-DDD              | 6.098 | 6.800 | 9656.8E6 | 17137.5E6 | 5334.988 | 2654.533 # |
| 17) MA 4,4'-DDT             | 6.335 | 7.096 | 1382.6E6 | 3019.4E6  | 731.227m | 457.063m#  |
| -----                       |       |       |          |           |          |            |

AJ  
 11/15/21

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