

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

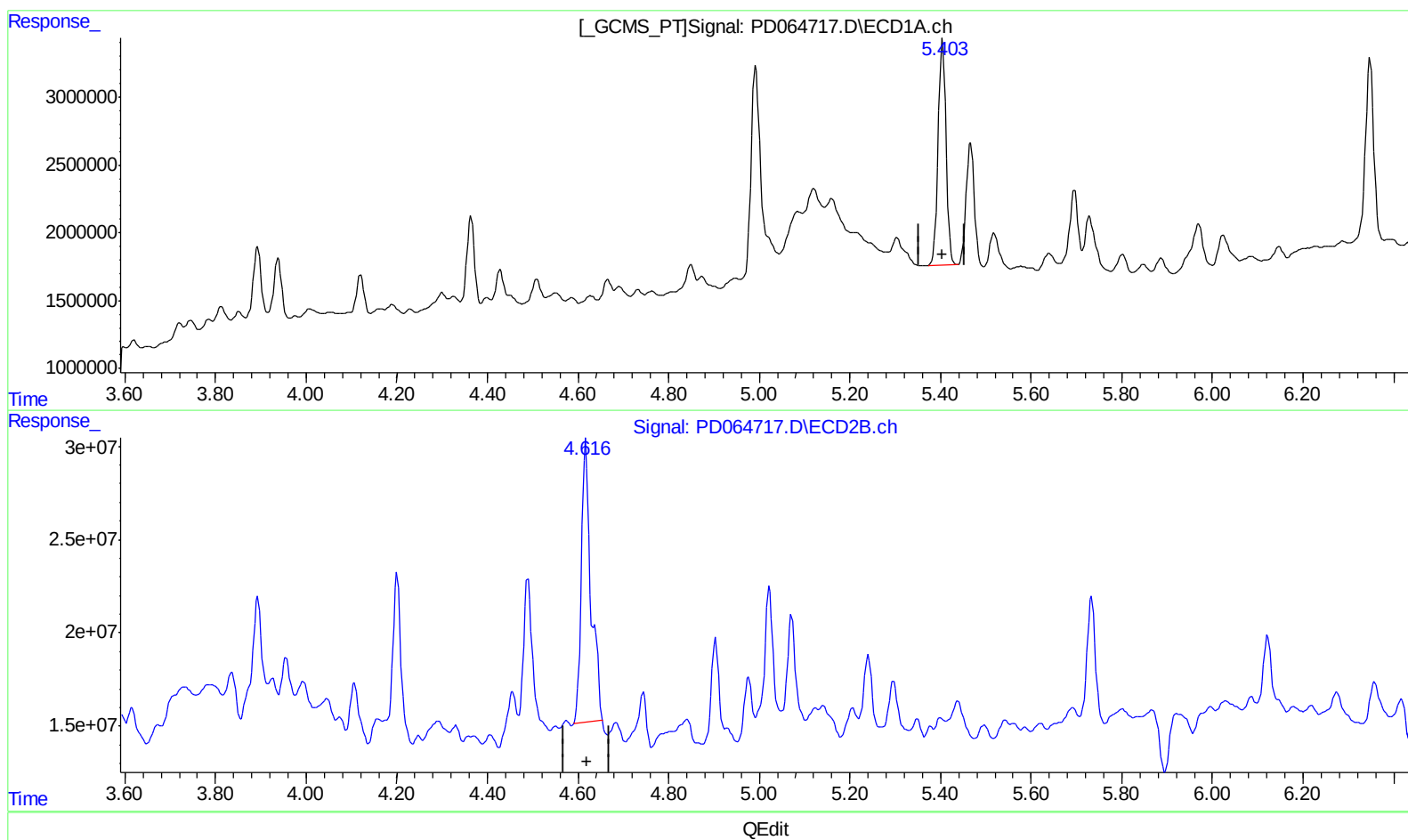
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 06:33:45 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 28 07:07:14 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)

5.405min 16.783 ng/ml

response 20020817

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

4.618min 24.179 ng/ml

response 220939265

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
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Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

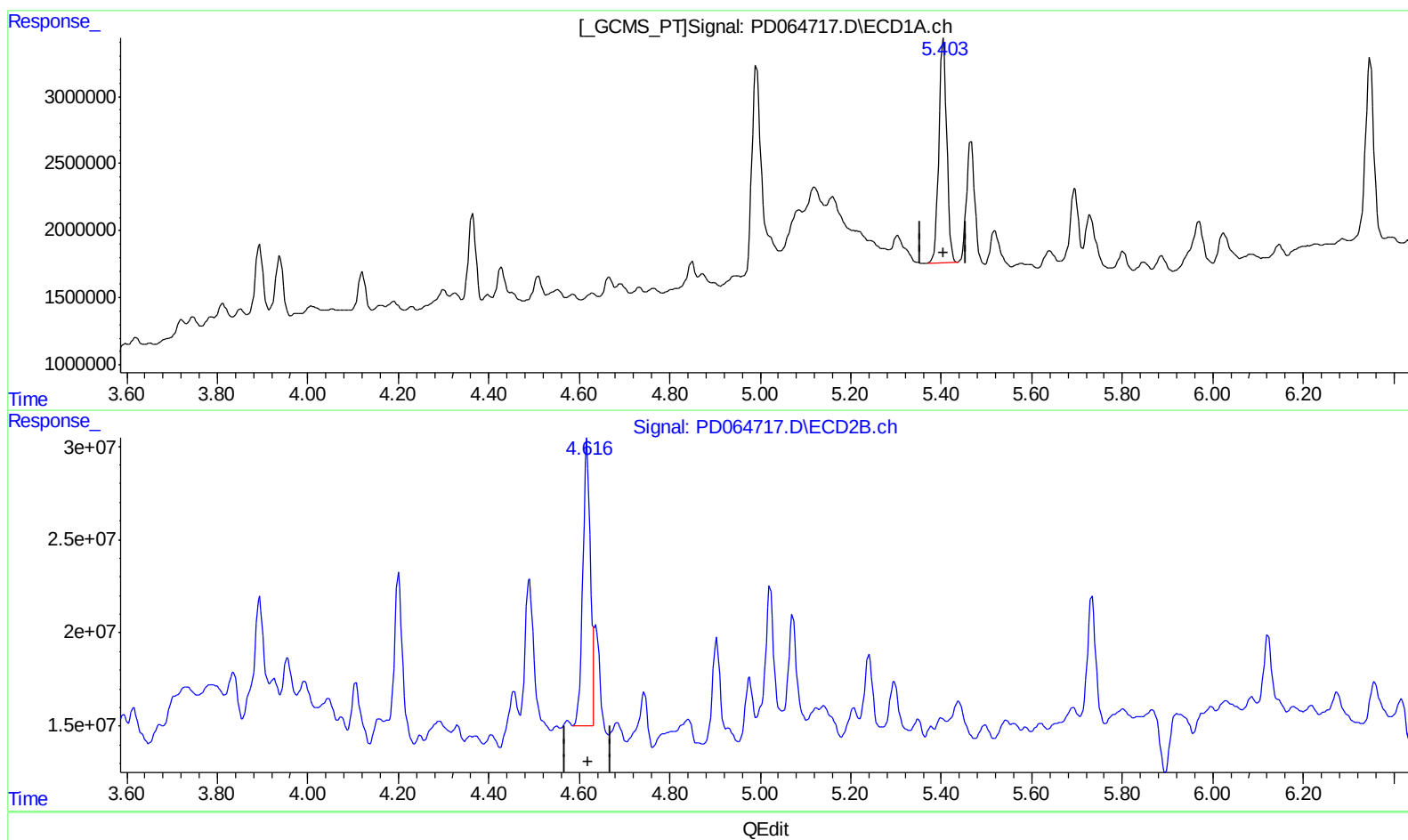
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

Integration File signal 1: autoint1.e  
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(1) Tetrachloro-m-xylene (SA)

5.405min 16.783 ng/ml

response 20020817

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

4.616min 20.163 ng/ml m

response 184243201

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
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Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

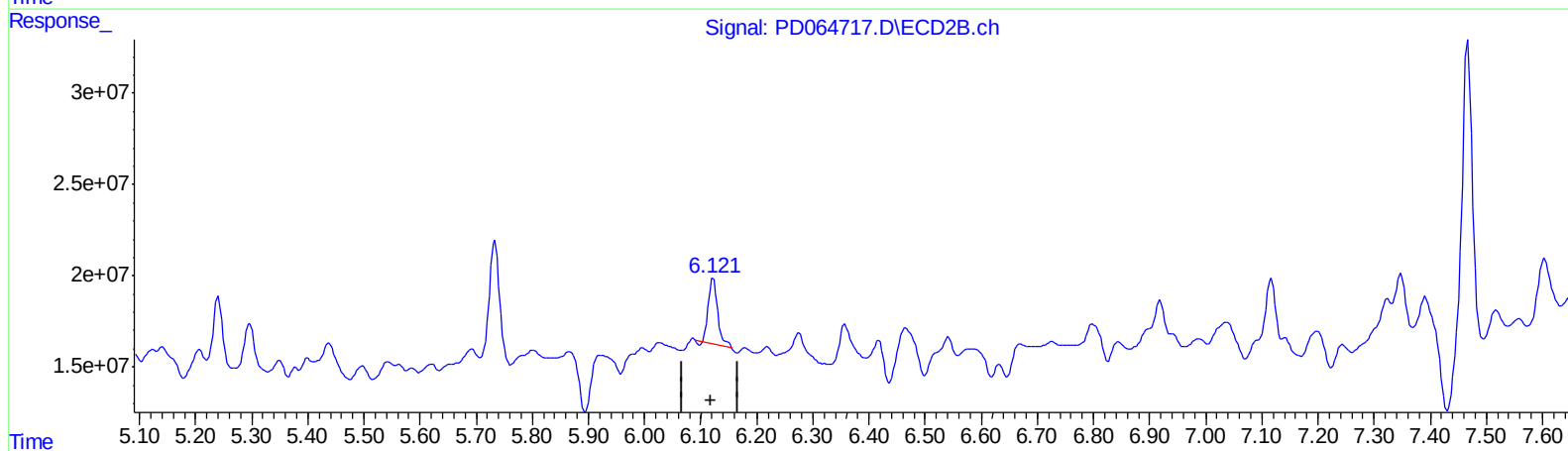
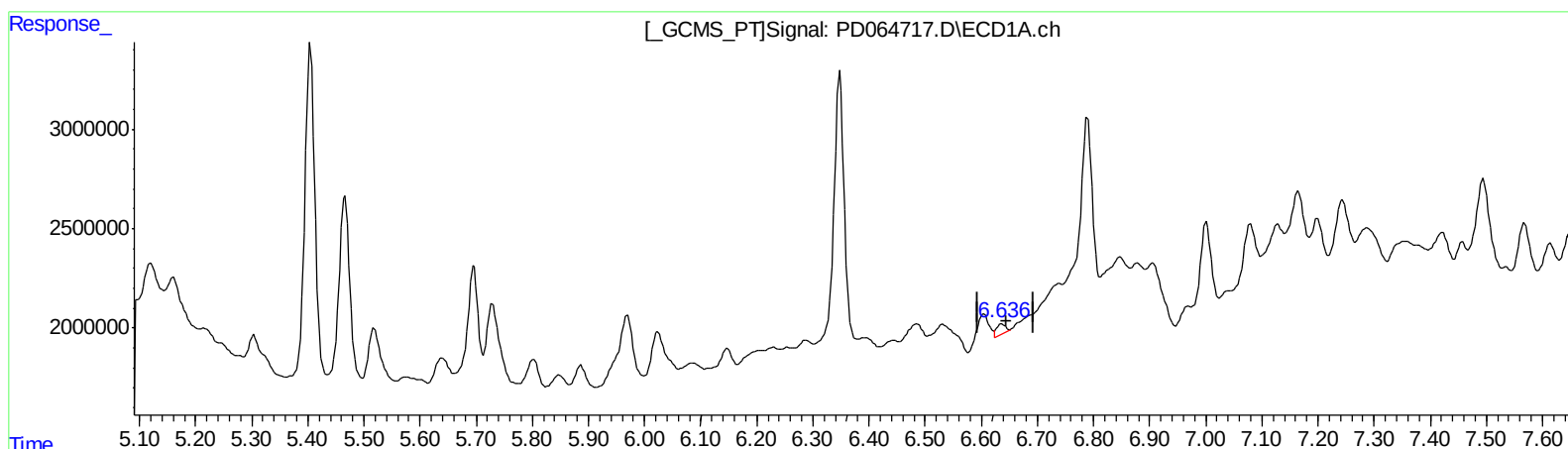
Instrument :  
ECD\_D  
ClientSampled :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 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

(6) beta-BHC (B)

6.637min 0.751 ng/ml

response 586148

(6) beta-BHC #2 (B)

6.122min 6.582 ng/ml

response 39931454

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

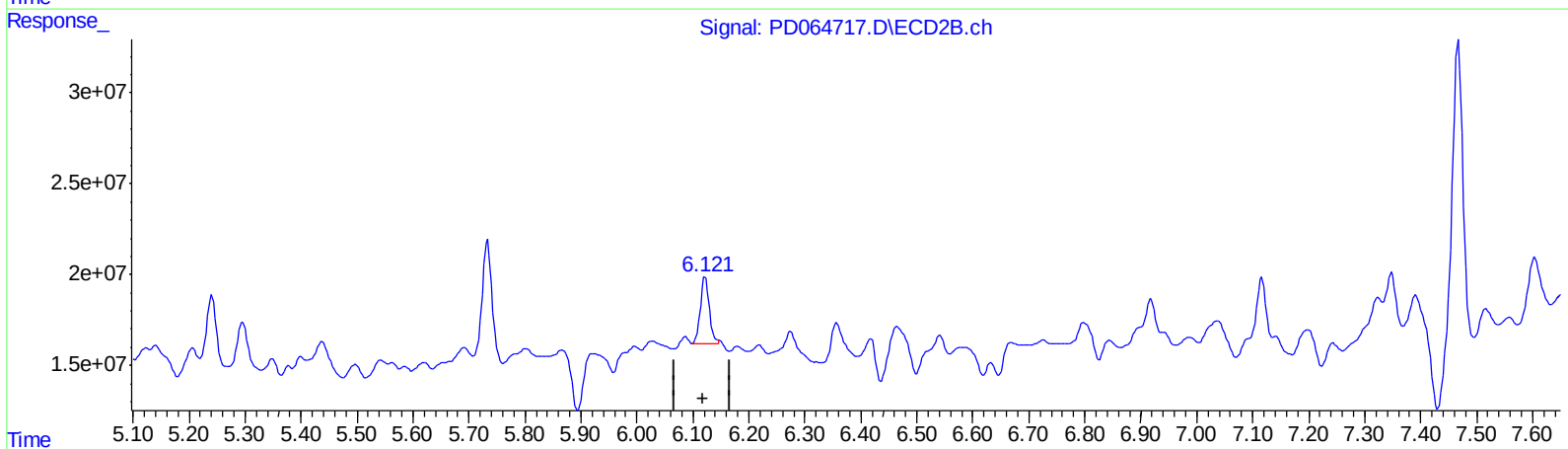
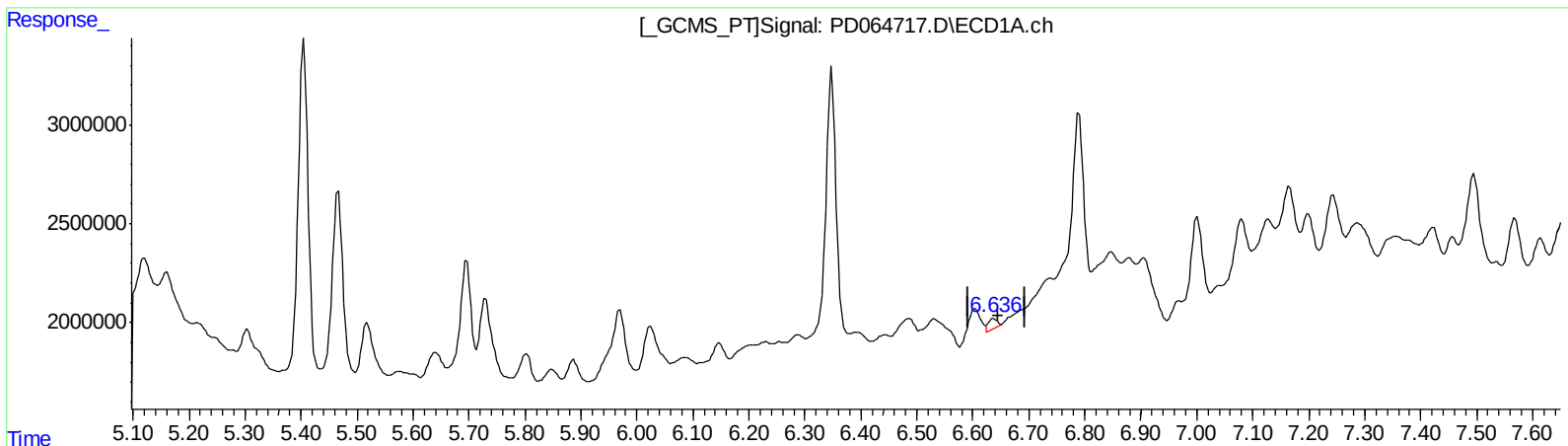
Instrument :  
ECD\_D  
ClientSampled :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

Integration File signal 1: autoint1.e  
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QEdit

(6) beta-BHC (B)

6.637min 0.751 ng/ml

response 586148

(6) beta-BHC #2 (B)

6.121min 6.888 ng/ml m

response 41790491

(+) = Expected Retention Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

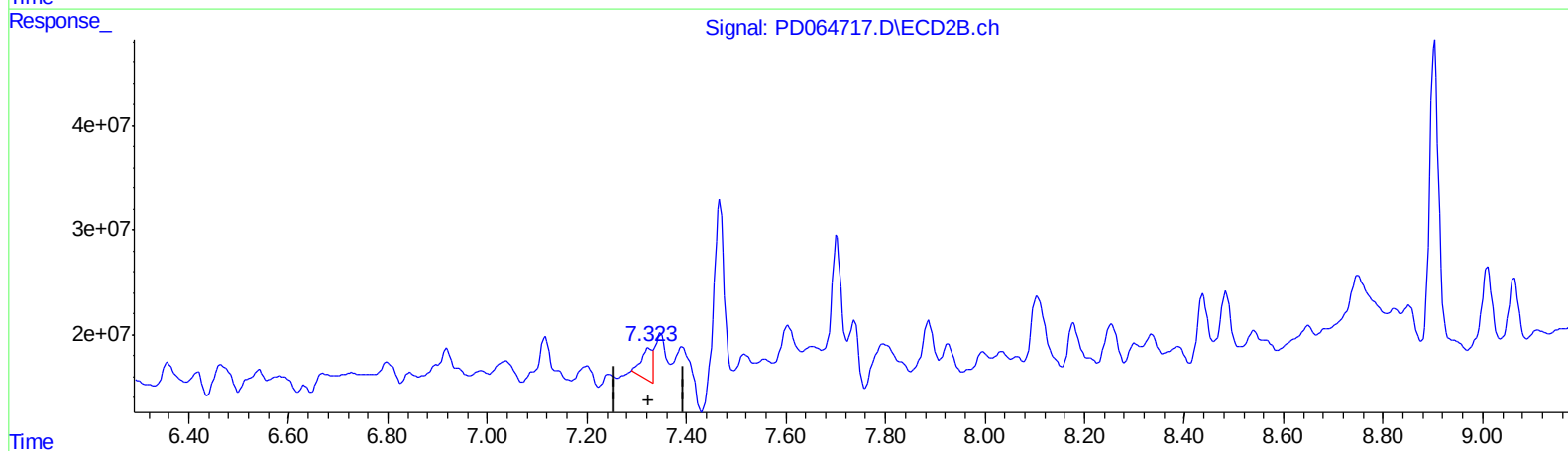
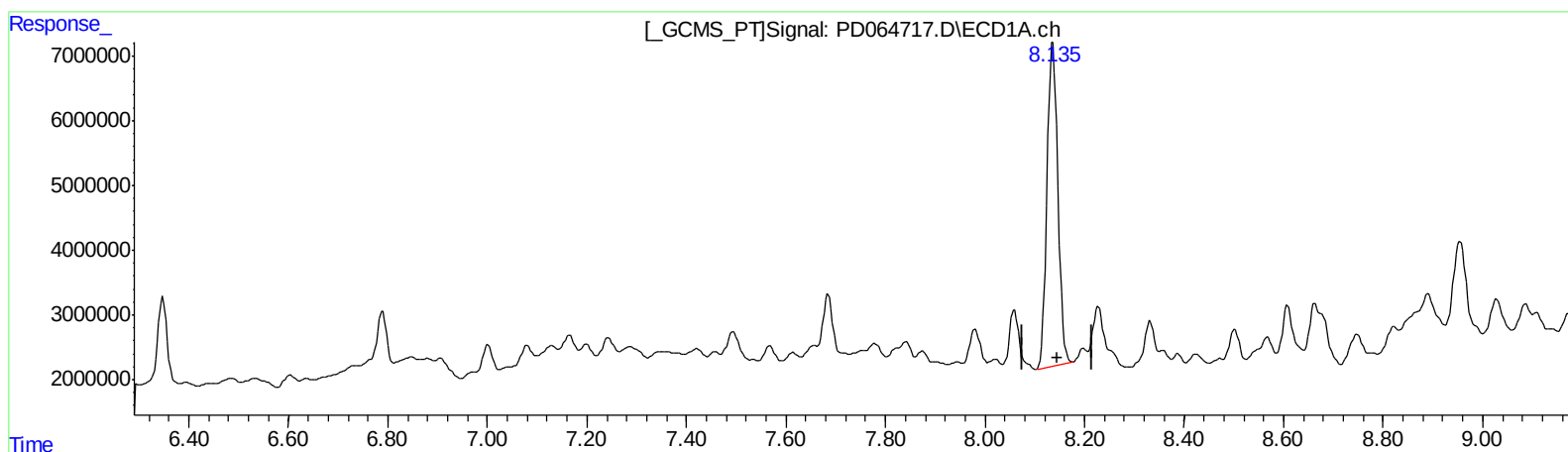
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.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

(10) trans-Chlordane (B)

8.136min 48.044 ng/ml

response 76988888

(10) trans-Chlordane #2 (B)

7.324min 4.934 ng/ml

response 44751104

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

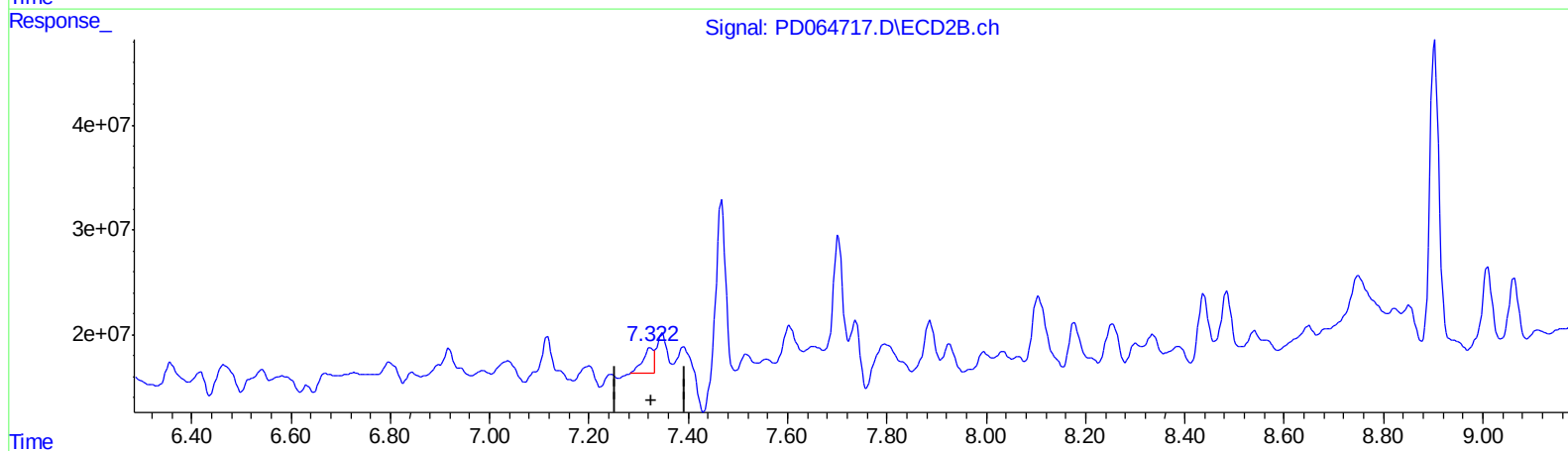
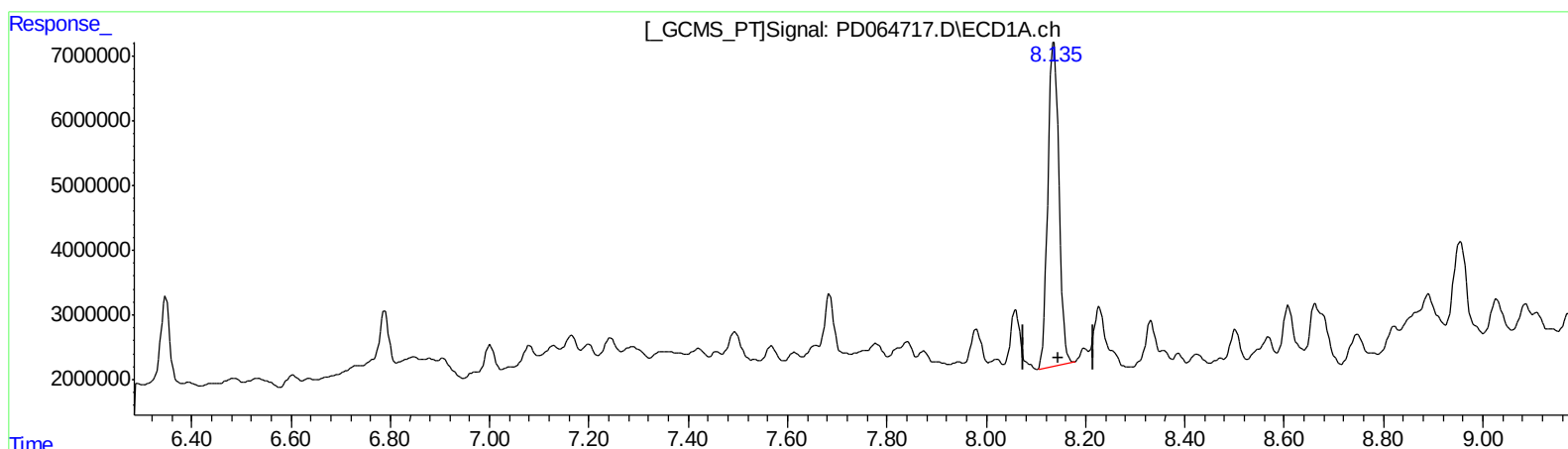
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

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

(10) trans-Chlordane (B)

8.136min 48.044 ng/ml

response 76988888

(10) trans-Chlordane #2 (B)

7.322min 3.847 ng/ml m

response 34893797







Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064717.D  
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Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

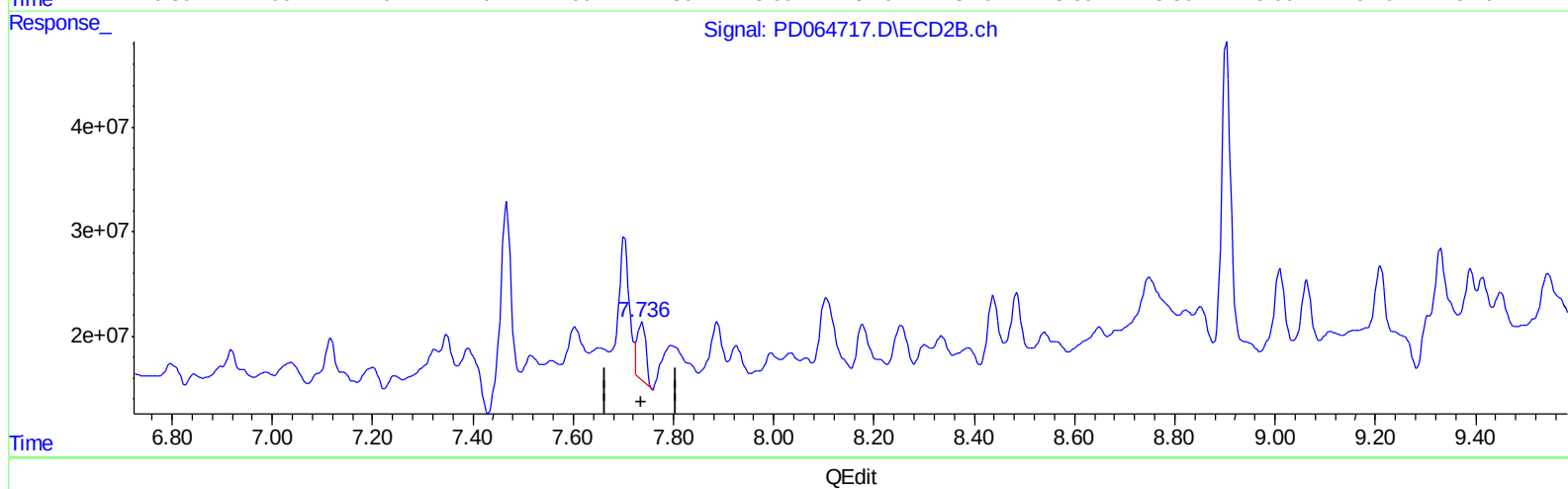
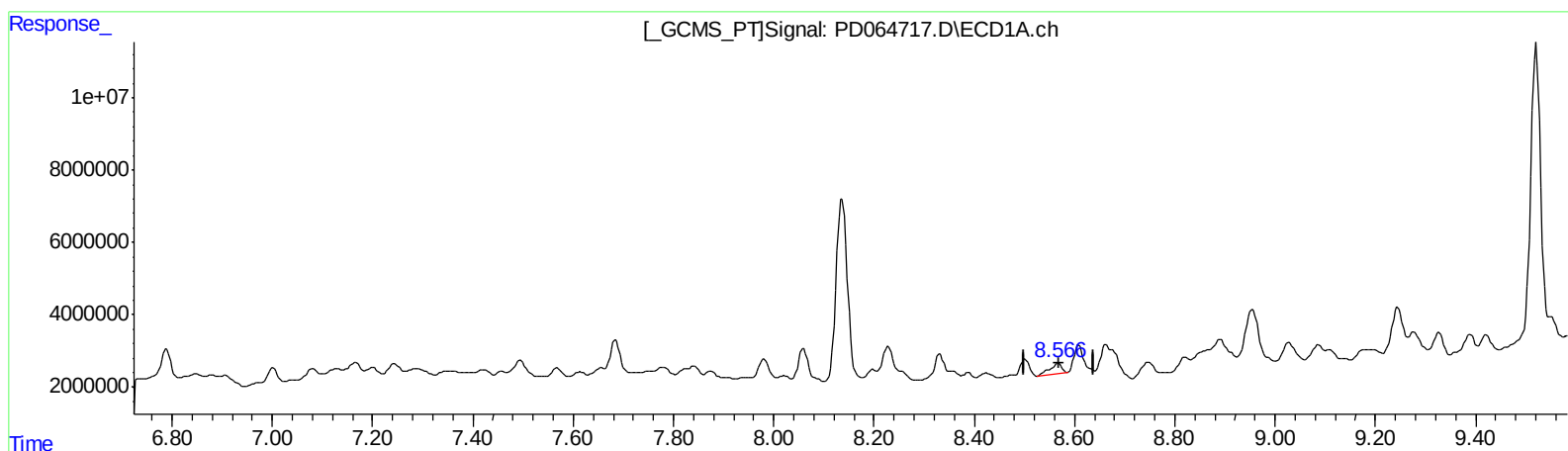
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
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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



(13) Dieldrin (MA)  
8.568min 3.090 ng/ml  
response 4608260

(13) Dieldrin #2 (MA)  
7.737min 8.527 ng/ml  
response 68486506

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
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Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

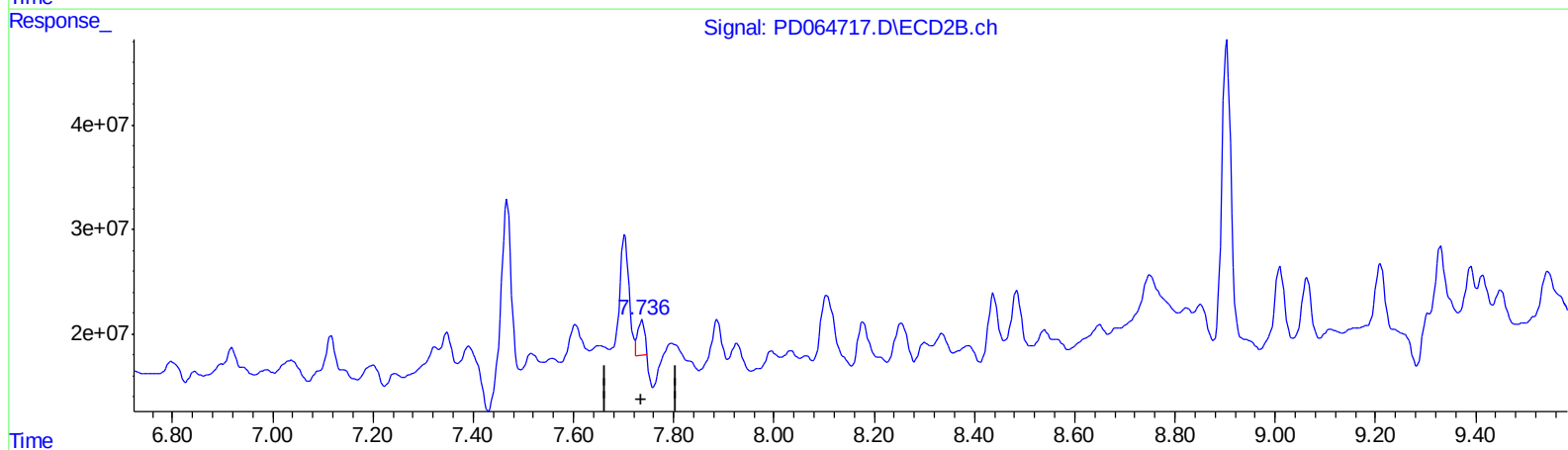
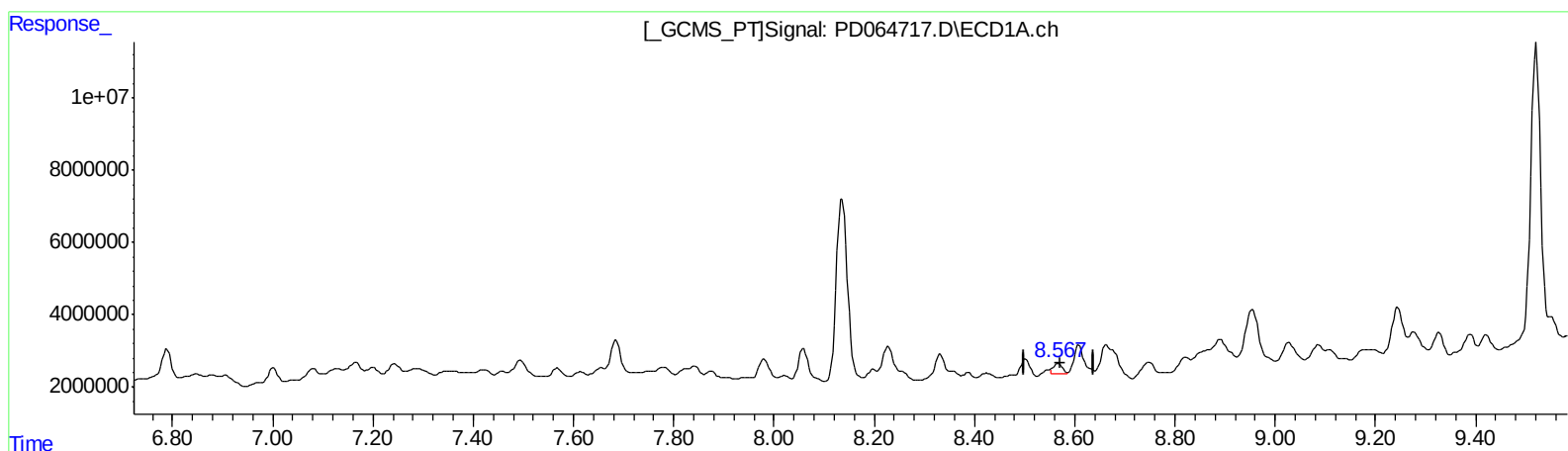
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

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

(13) Dieldrin (MA)  
8.567min 2.347 ng/ml m  
response 3499412

(13) Dieldrin #2 (MA)  
7.736min 4.022 ng/ml m  
response 32306805

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

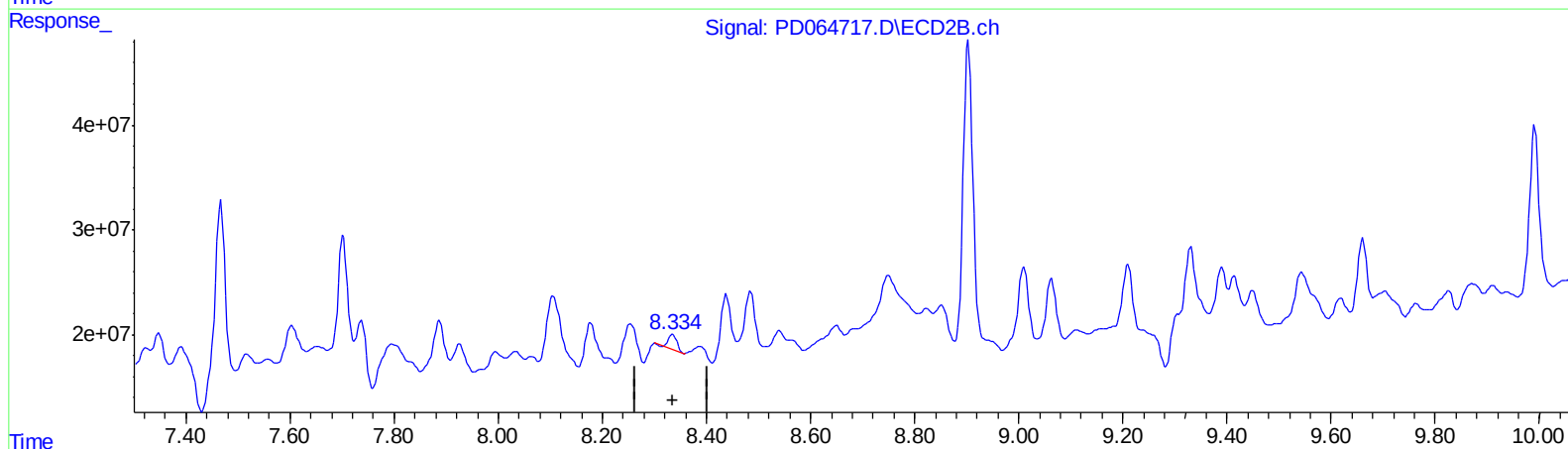
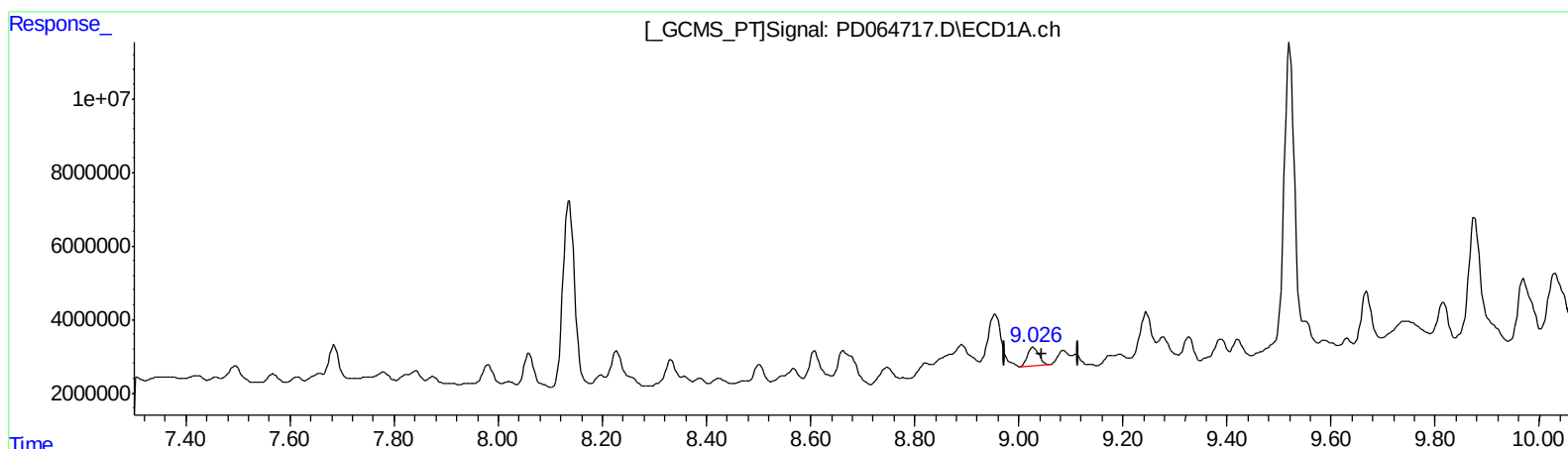
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

Integration File signal 1: autoint1.e  
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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

(15) Endosulfan II (B)

9.028min 5.918 ng/ml

response 7685082

(15) Endosulfan II #2 (B)

8.336min 2.762 ng/ml

response 15941779

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
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Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

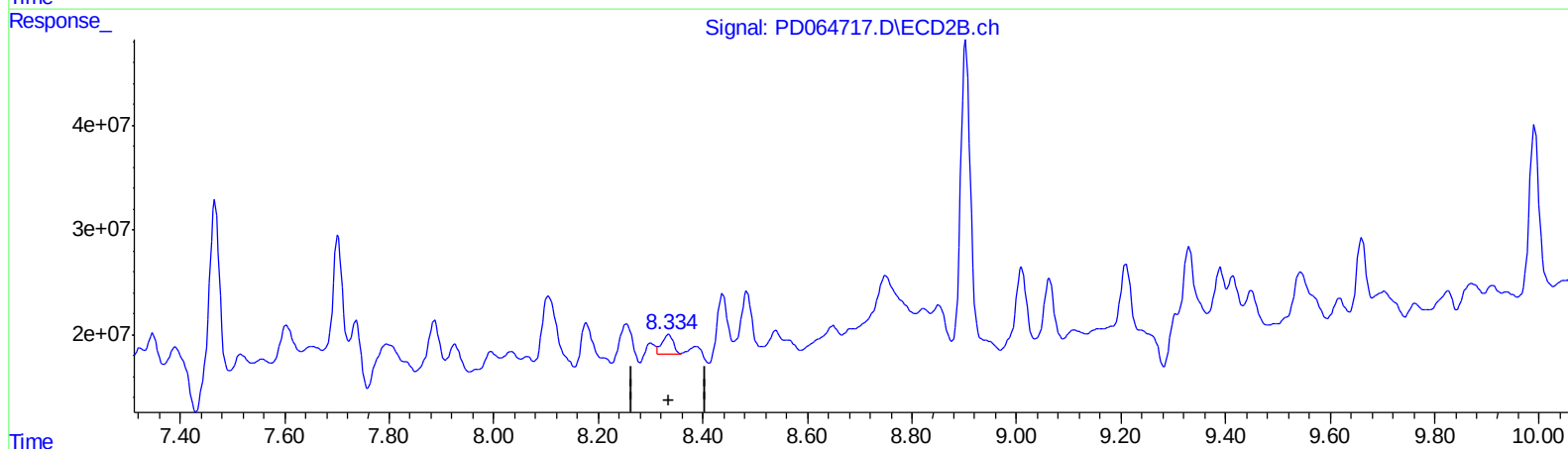
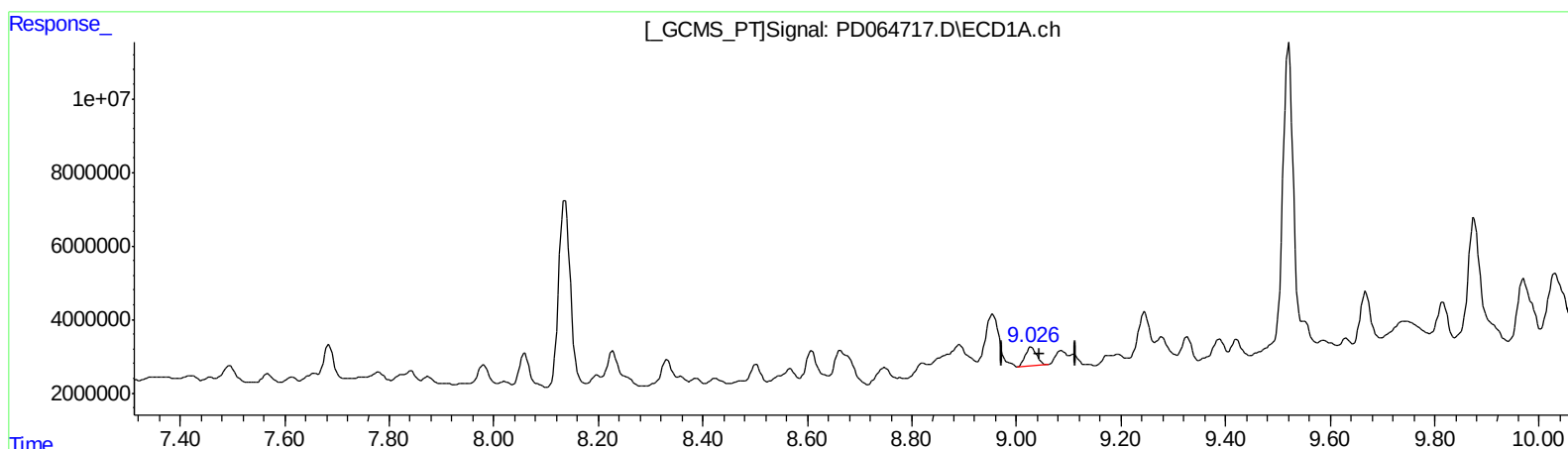
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

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

(15) Endosulfan II (B)  
9.028min 5.918 ng/ml  
response 7685082

(15) Endosulfan II #2 (B)  
8.334min 4.862 ng/ml m  
response 28065980

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
Data File : PD064717.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2021 12:19  
Operator : AR\AJ  
Sample : M3169-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

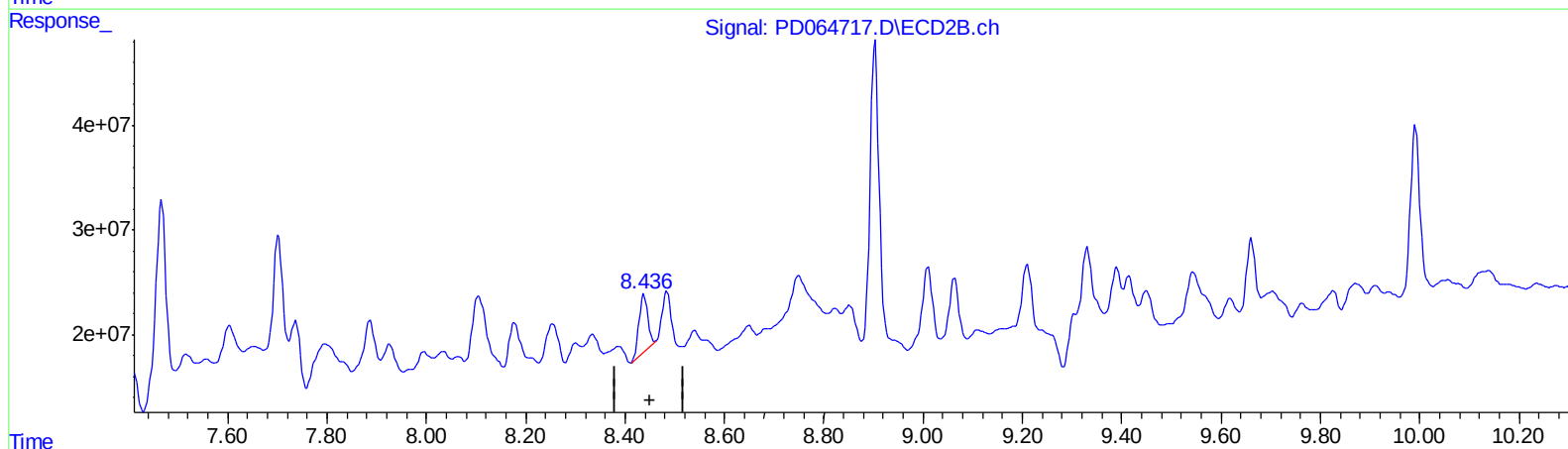
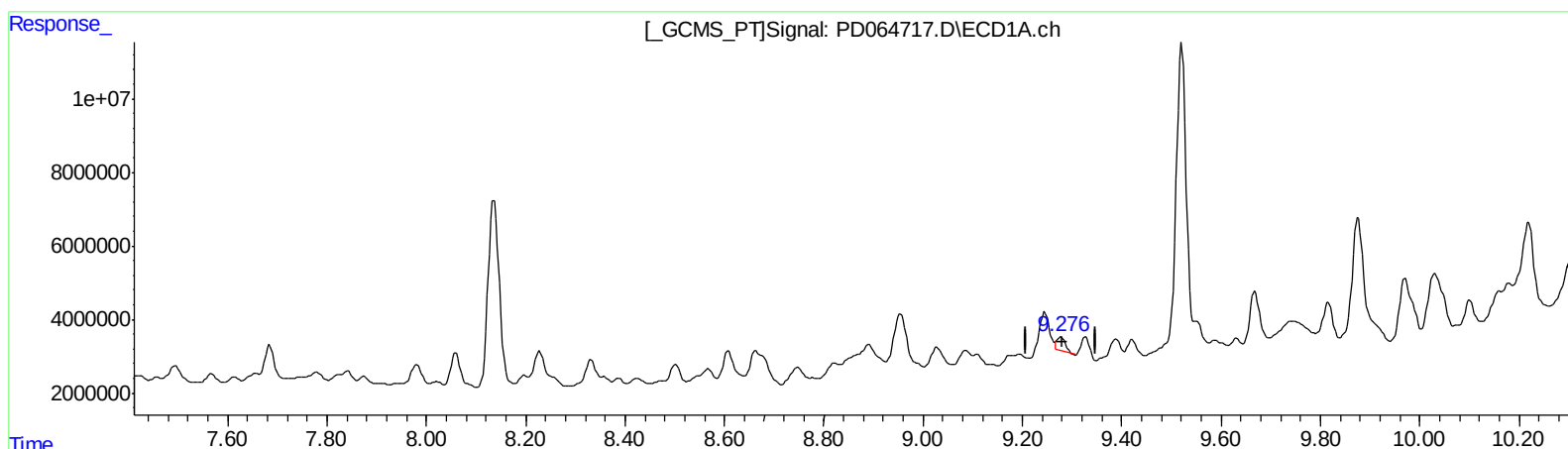
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

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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)

9.278min 3.516 ng/ml

response 4590412

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

8.438min 12.330 ng/ml

response 67870006

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
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ALS Vial : 12 Sample Multiplier: 1

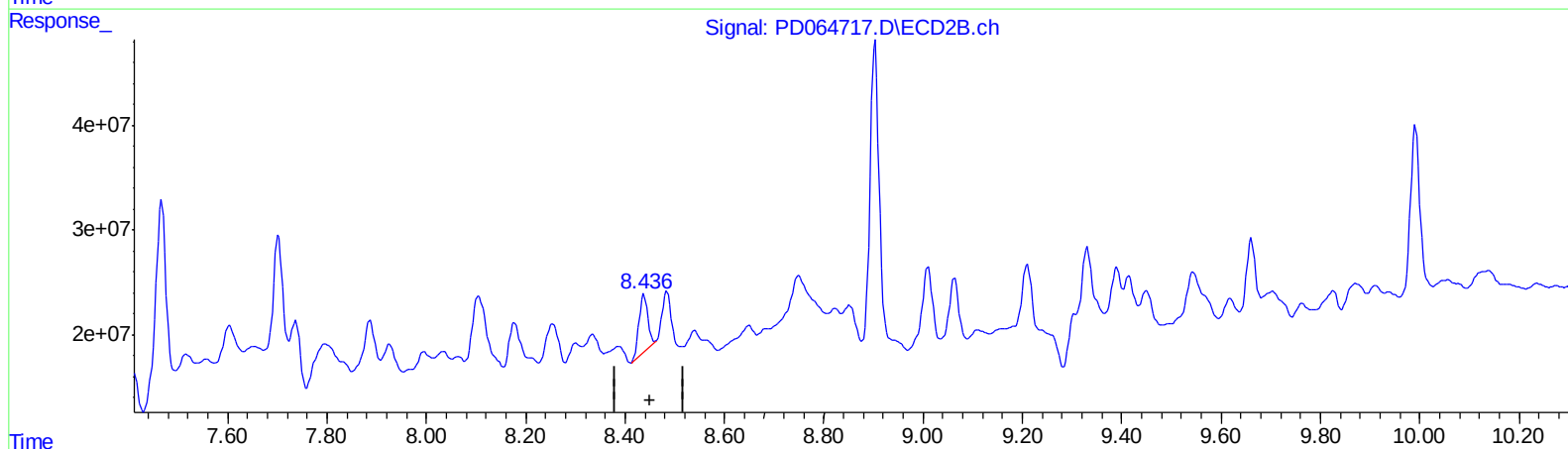
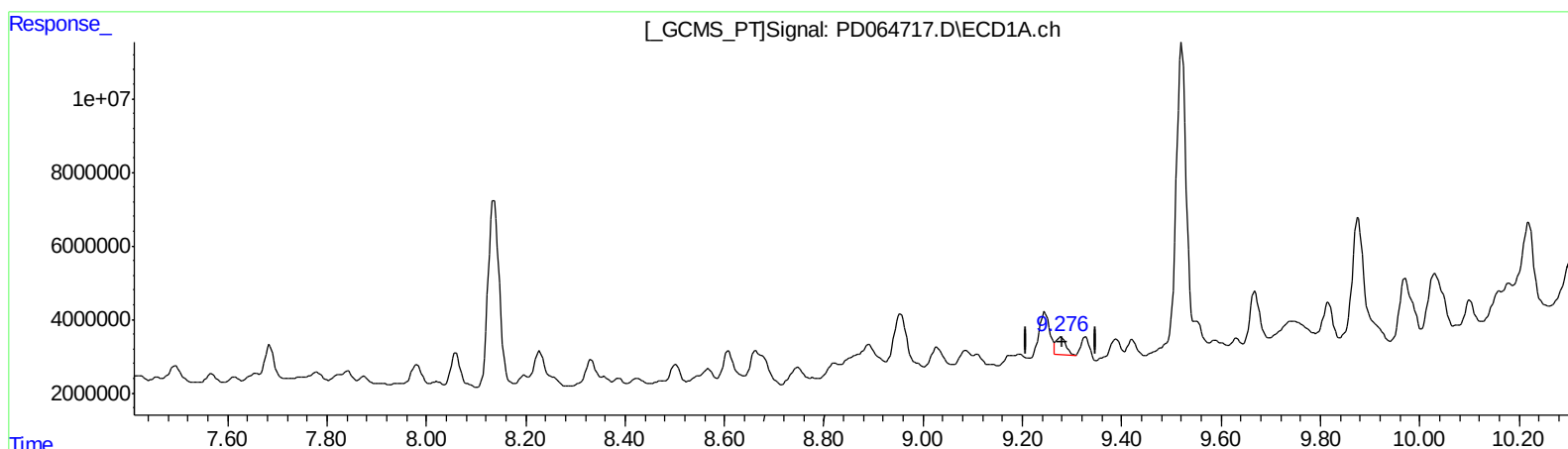
Instrument :  
ECD\_D  
ClientSampleId :  
C00A6

Manual Integrations  
APPROVED

mohammad  
8/5/2021 5:02:44 PM

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



QEdit

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

9.276min 5.164 ng/ml m

response 6741980

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

8.438min 12.330 ng/ml

response 67870006

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080421\  
 Data File : PD064717.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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 Sample : M3169-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C00A6

Manual Integrations  
 APPROVED

mohammad  
 8/5/2021 5:02:44 PM

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

| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|--------|--------|----------|----------|--------|----------|
| -----                       |        |        |          |          |        |          |
| System Monitoring Compounds |        |        |          |          |        |          |
| 1) SA Tetrachlo...          | 5.405  | 4.616  | 20020817 | 184.2E6  | 16.783 | 20.163m  |
| 27) SA Decachlor...         | 11.305 | 10.359 | 43451942 | 177.3E6  | 33.008 | 29.820   |
| Target Compounds            |        |        |          |          |        |          |
| 6) B beta-BHC               | 6.637  | 6.121  | 586148   | 41790491 | 0.751  | 6.888m#  |
| 10) B trans-Chl...          | 8.136  | 7.322  | 76988888 | 29544411 | 48.044 | 3.257m#  |
| 11) B cis-Chlor...          | 8.228  | 7.390  | 9873207  | 25054638 | 6.337  | 2.817m#  |
| 12) B 4,4'-DDE              | 8.425  | 7.604  | 1893854  | 47587210 | 1.314  | 6.307 #  |
| 13) MA Dieldrin             | 8.567  | 7.736  | 3499412  | 32306805 | 2.347m | 4.022m#  |
| 14) MA Endrin               | 8.821  | 8.034  | 5767807  | 13898250 | 4.505  | 2.419 #  |
| 15) B Endosulfa...          | 9.028  | 8.334  | 7685082  | 28065980 | 5.918  | 4.862m   |
| 16) A 4,4'-DDD              | 8.955  | 8.178  | 27562953 | 65734255 | 22.454 | 11.413 # |
| 17) MA 4,4'-DDT             | 9.276  | 8.438  | 6741980  | 67870006 | 5.164m | 12.330 # |
| -----                       |        |        |          |          |        |          |

AJ  
 08/10/21

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