

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 06:59  
Operator : AR\AJ  
Sample : M3082-18  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

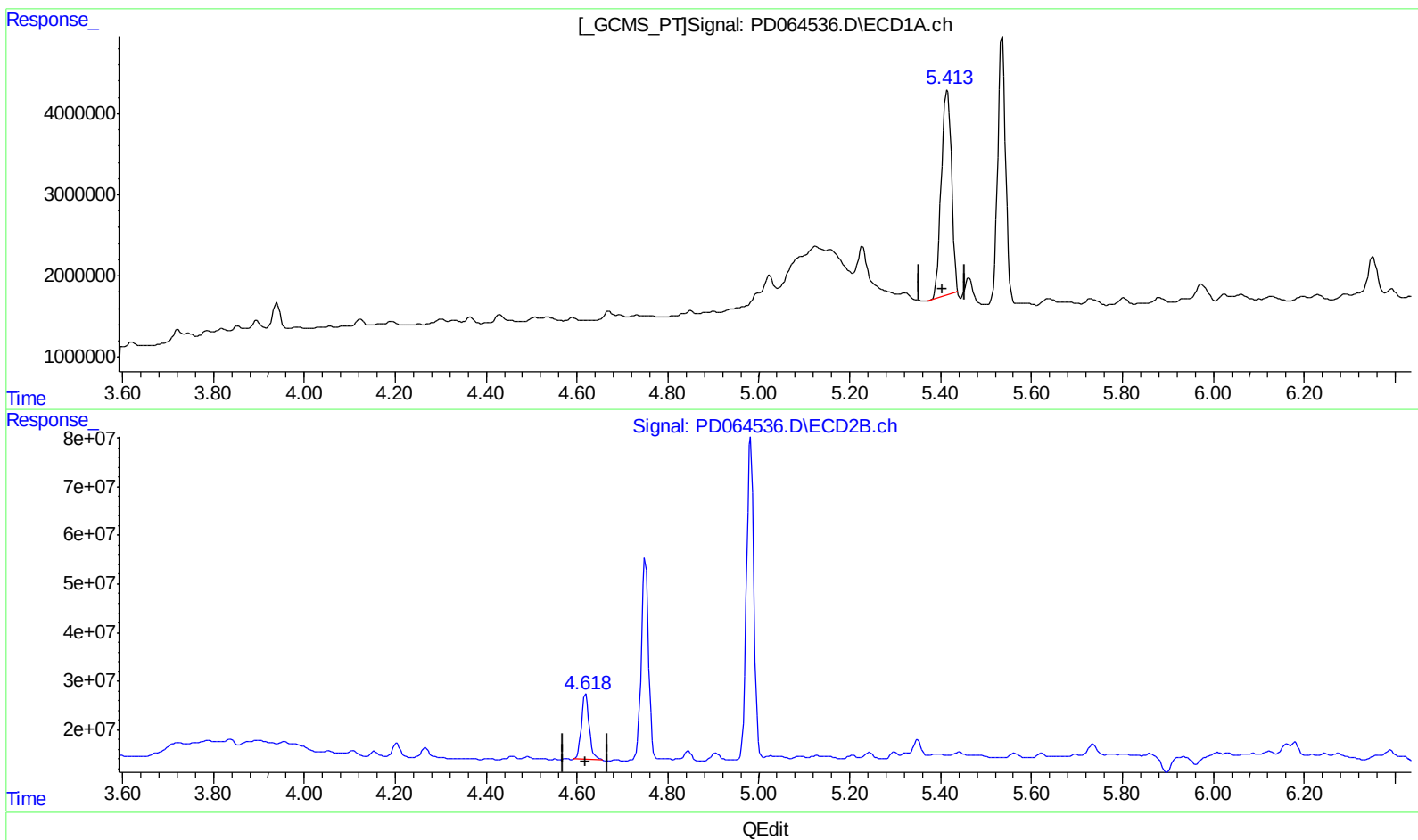
Instrument :  
ECD\_D  
ClientSampleId :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:46:10 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)

5.415min 32.881 ng/ml

response 39223769

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

4.619min 17.446 ng/ml

response 159419355

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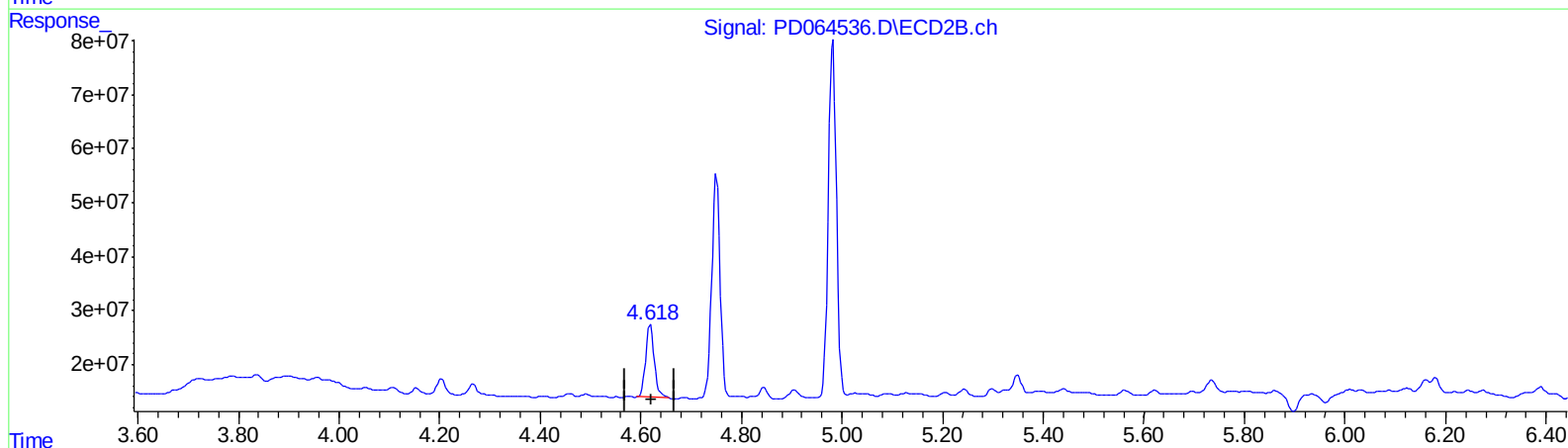
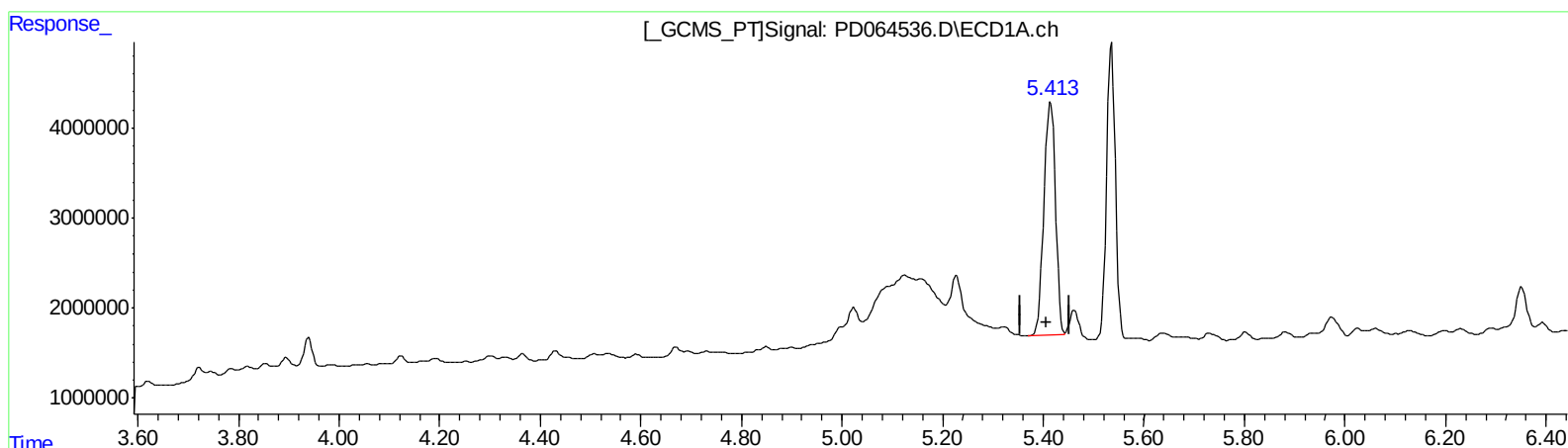
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QEdit

(1) Tetrachloro-m-xylene (SA)

5.413min 34.629 ng/ml m

response 41308677

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

4.619min 17.446 ng/ml

response 159419355

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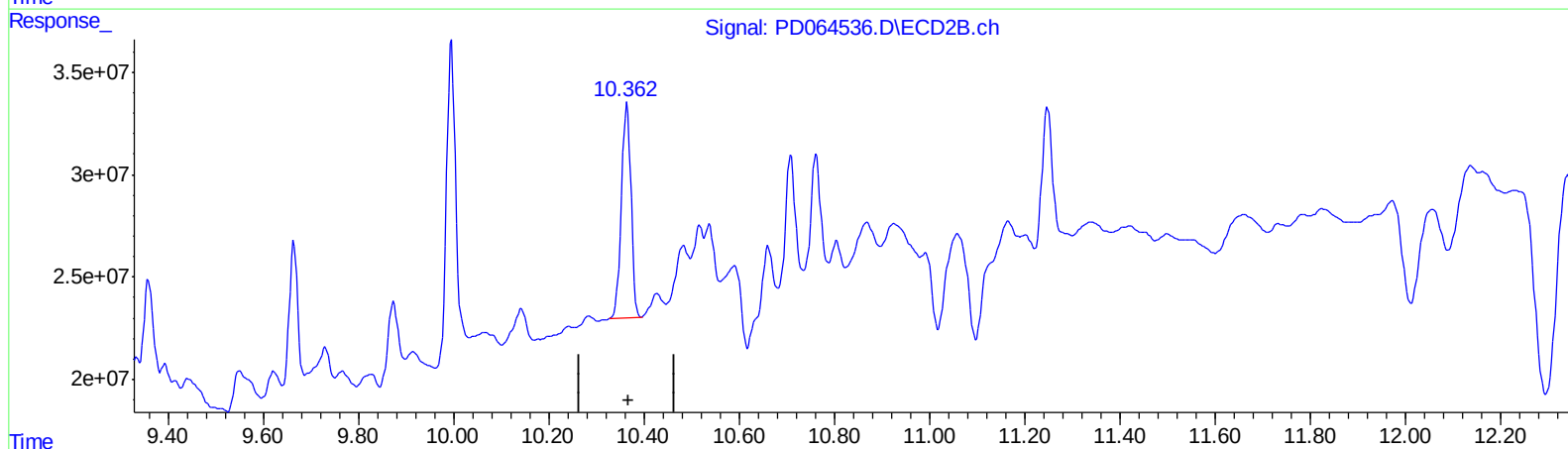
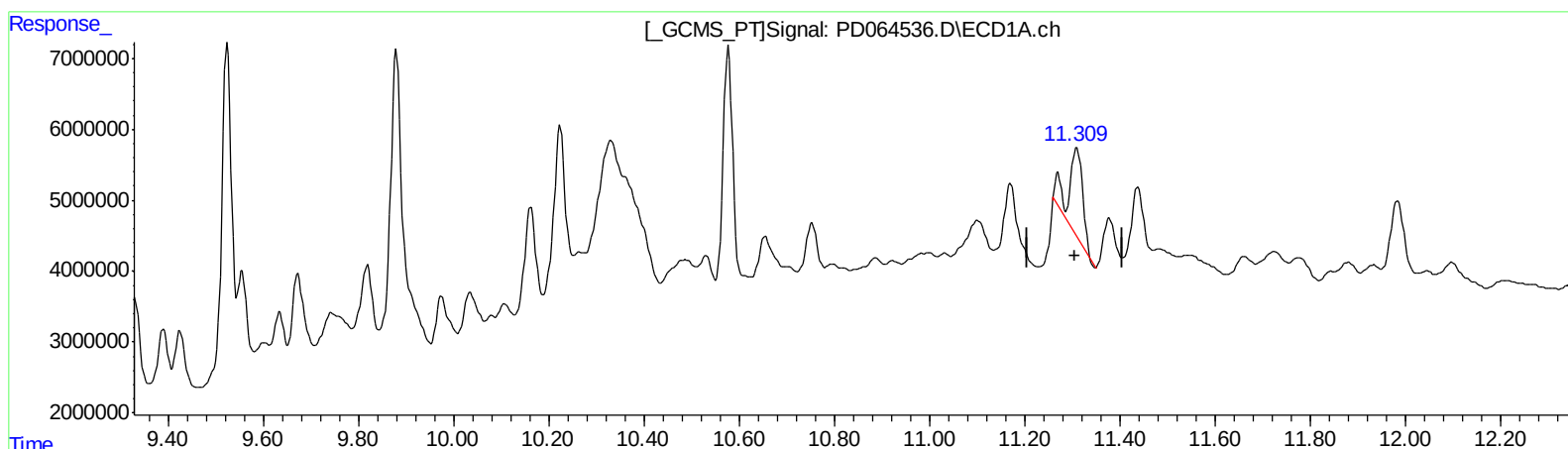
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QEdit

(27) Decachlorobiphenyl (SA)

11.308min 18.508 ng/ml

response 24364323

(27) Decachlorobiphenyl #2 (SA)

10.364min 24.693 ng/ml

response 146843224

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
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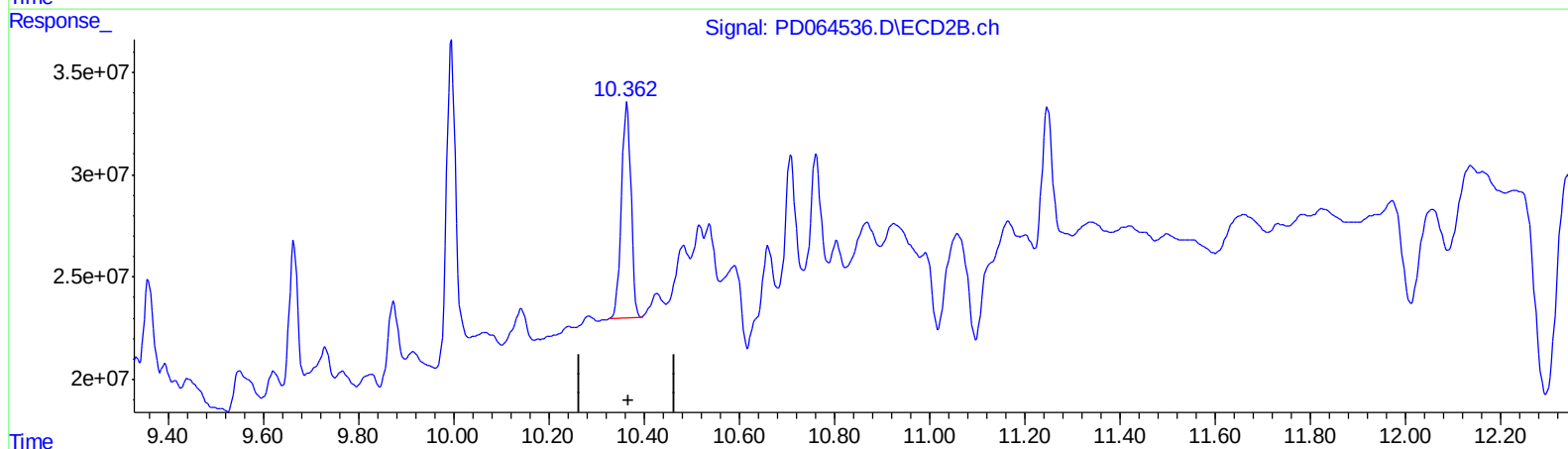
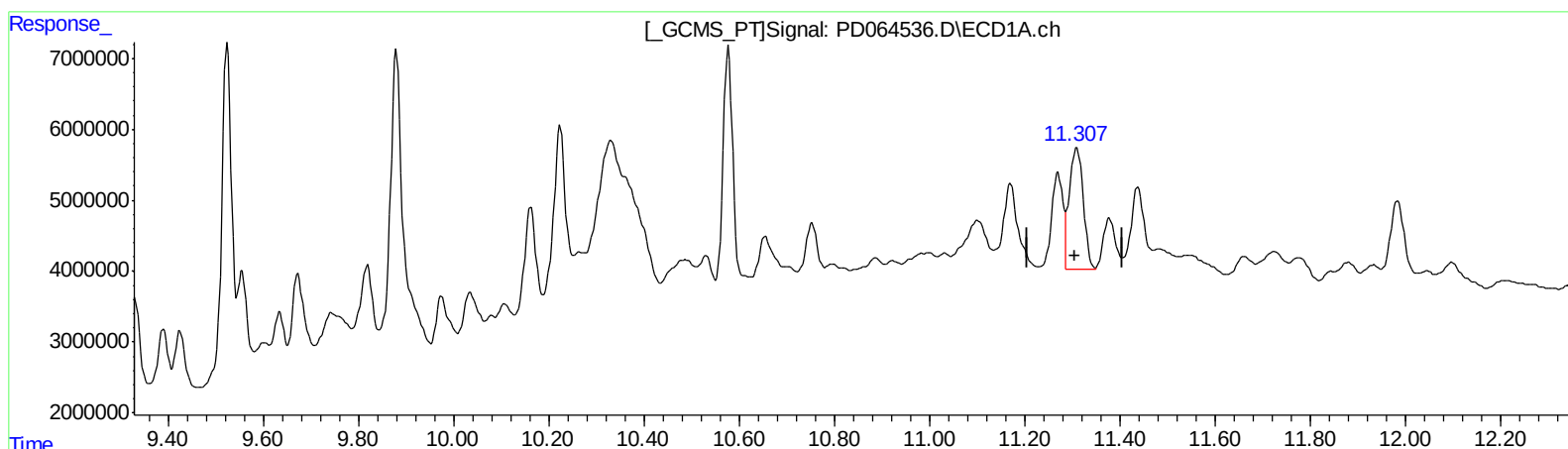
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QEdit

(27) Decachlorobiphenyl (SA)

11.307min 23.539 ng/ml m

response 30986432

(27) Decachlorobiphenyl #2 (SA)

10.364min 24.693 ng/ml

response 146843224

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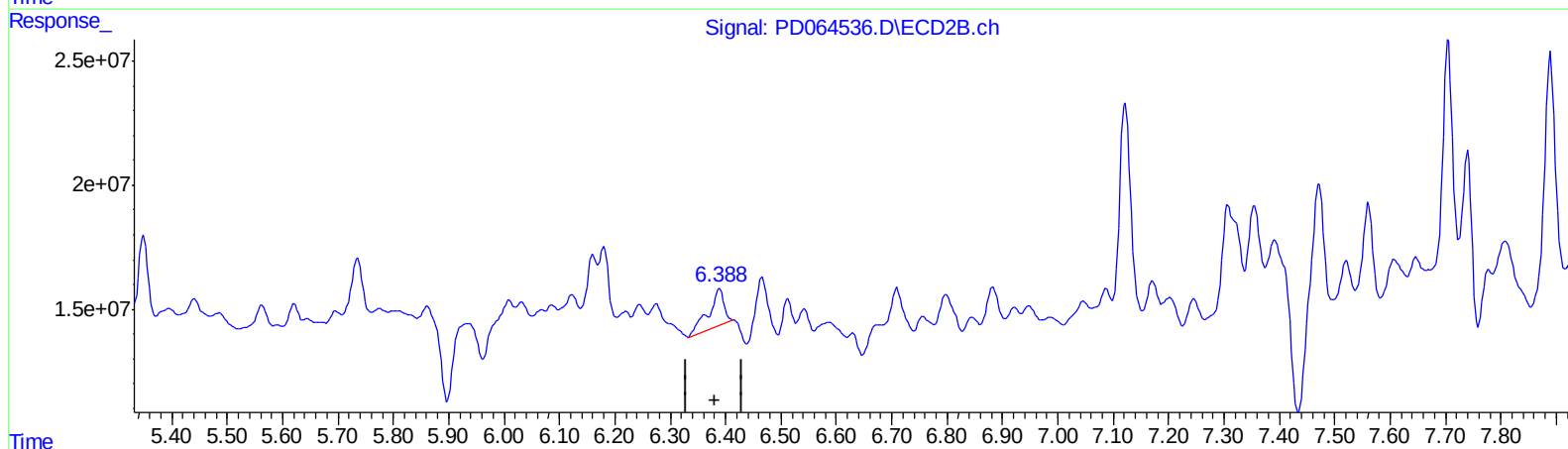
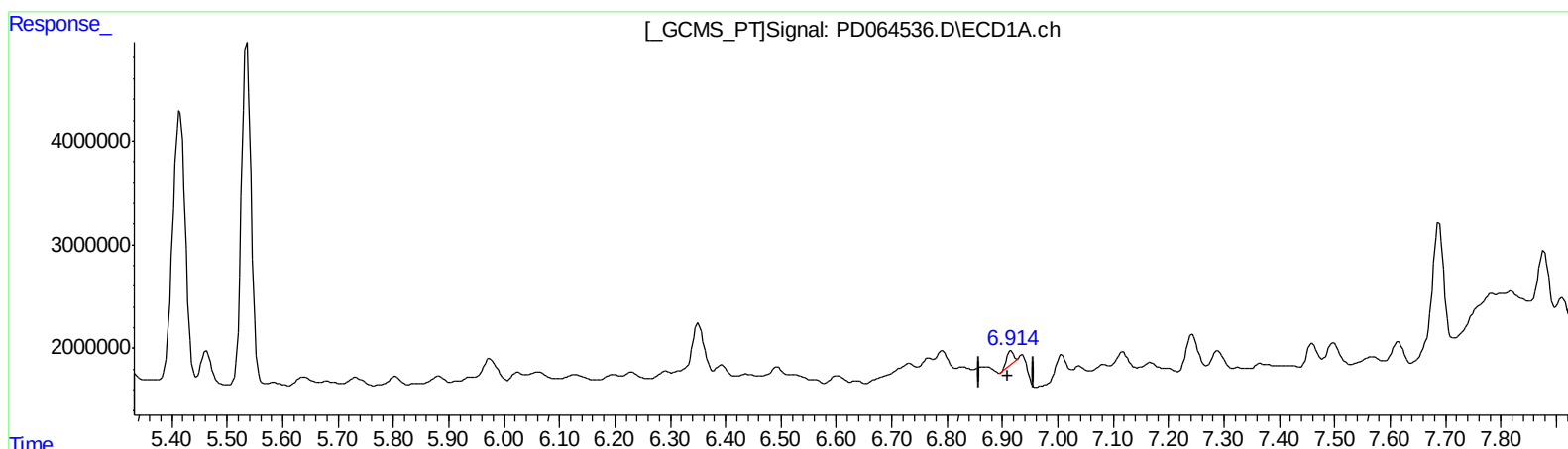
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QEdit

(7) delta-BHC (B)

6.916min 0.620 ng/ml

response 1078972

(7) delta-BHC #2 (B)

6.389min 2.302 ng/ml

response 25006807

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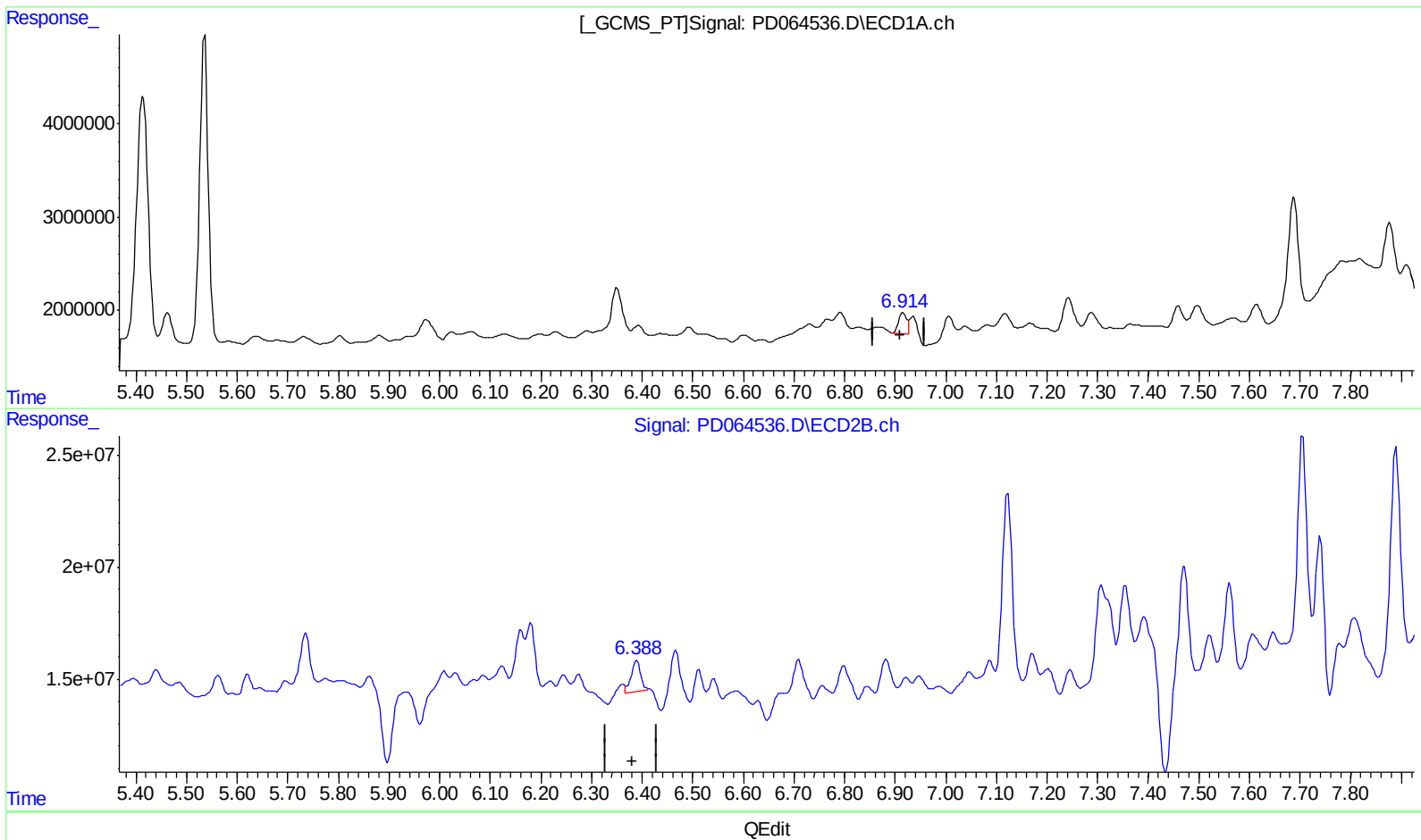
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ECD\_D  
ClientSampleId :  
C0016

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APPROVED

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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)  
6.914min 1.551 ng/ml m  
response 2699336

(7) delta-BHC #2 (B)  
6.388min 1.644 ng/ml m  
response 17861291

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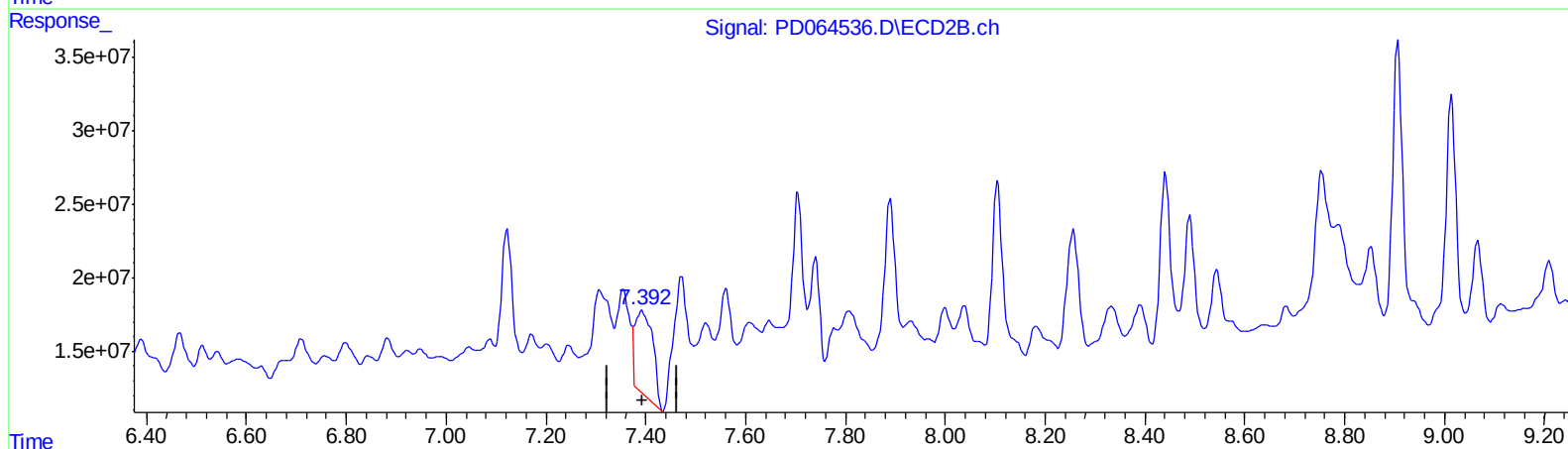
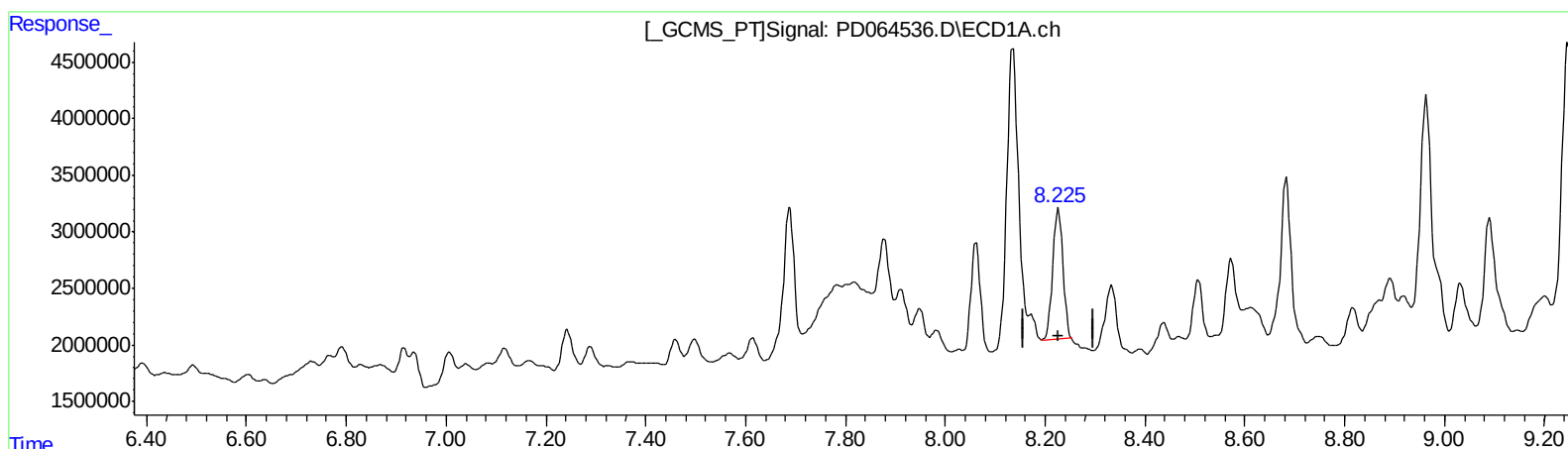
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C0016

Manual Integrations  
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QEdit

(11) cis-Chlordane (B)

8.227min 10.315 ng/ml

response 16071718

(11) cis-Chlordane #2 (B)

7.392min 16.073 ng/ml

response 142976145

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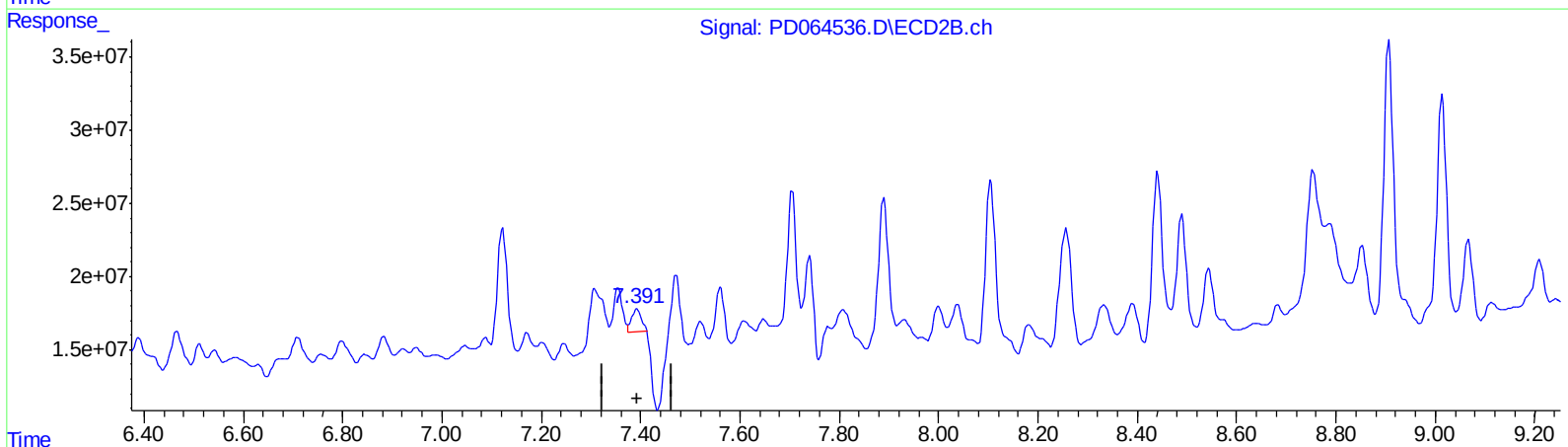
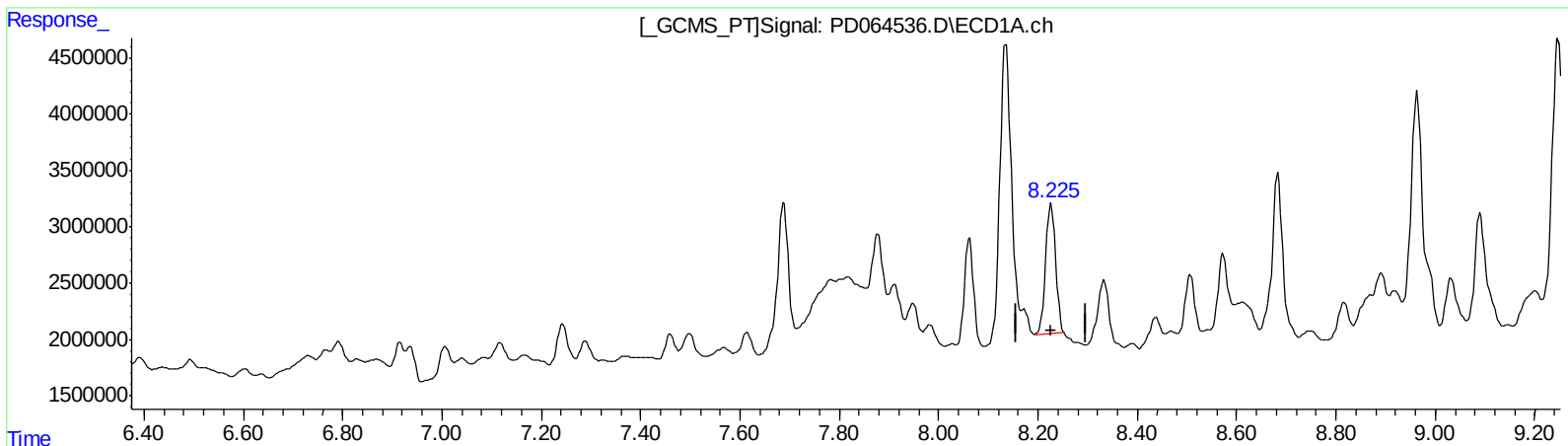
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ECD\_D  
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C0016

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APPROVED

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QEdit

(11) cis-Chlordane (B)

8.227min 10.315 ng/ml

response 16071718

(11) cis-Chlordane #2 (B)

7.391min 2.345 ng/ml m

response 20856232



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
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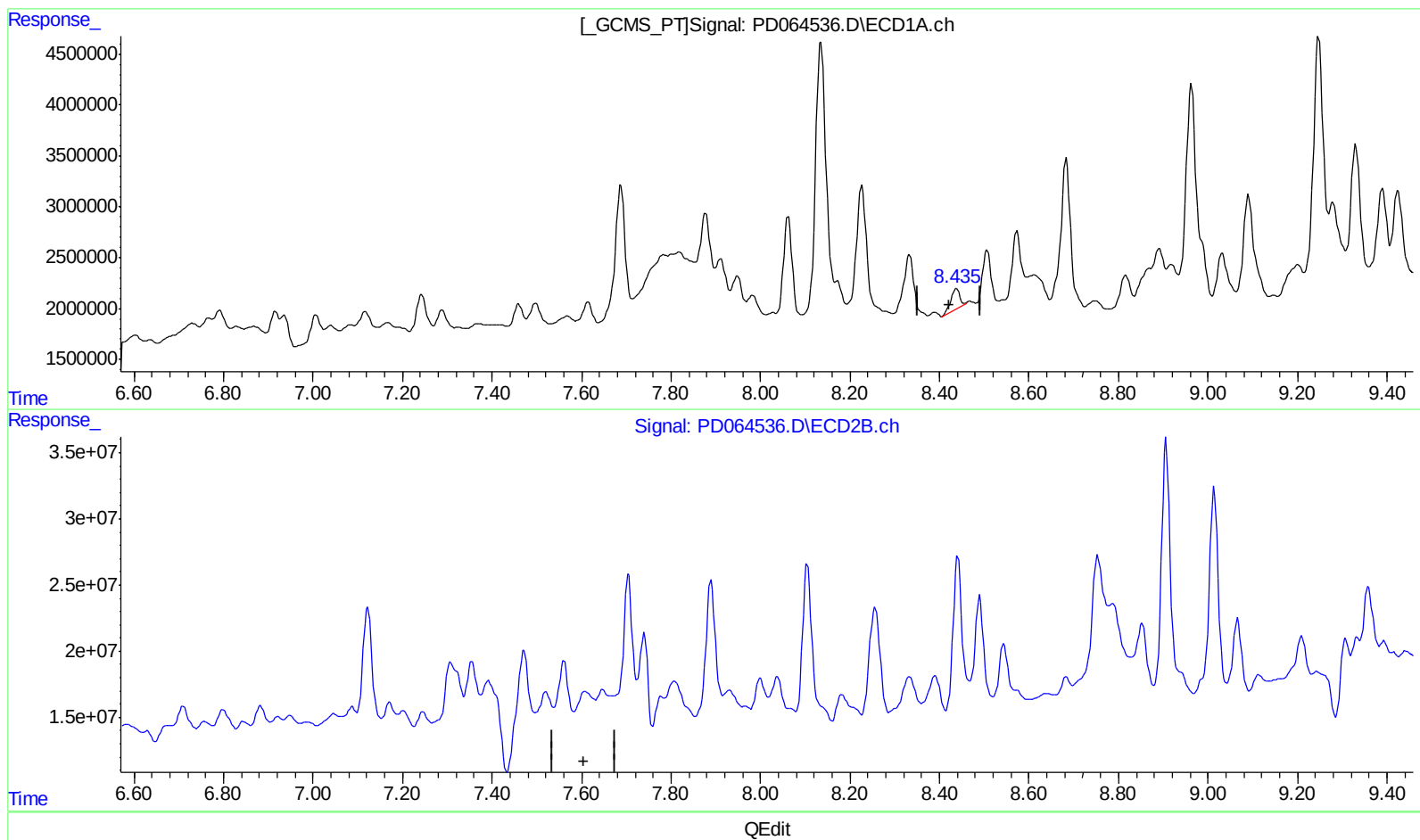
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Manual Integrations  
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(12) 4,4'-DDE (B)  
8.438min 1.744 ng/ml  
response 2514307

(12) 4,4'-DDE #2 (B)  
7.608min -2.314 ng/ml  
response -17459963

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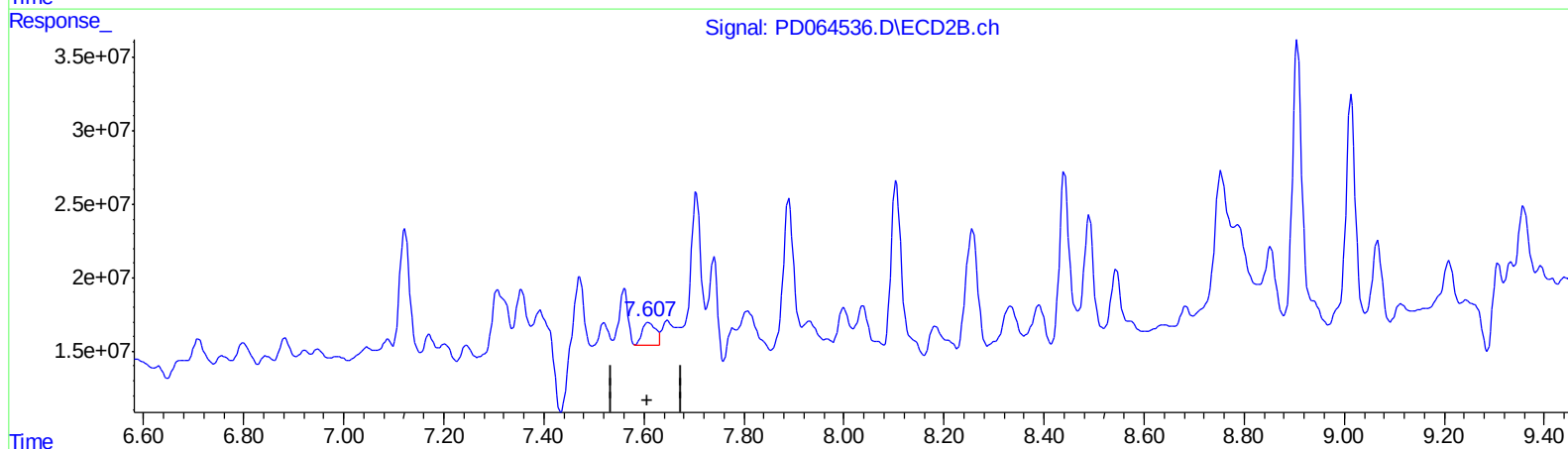
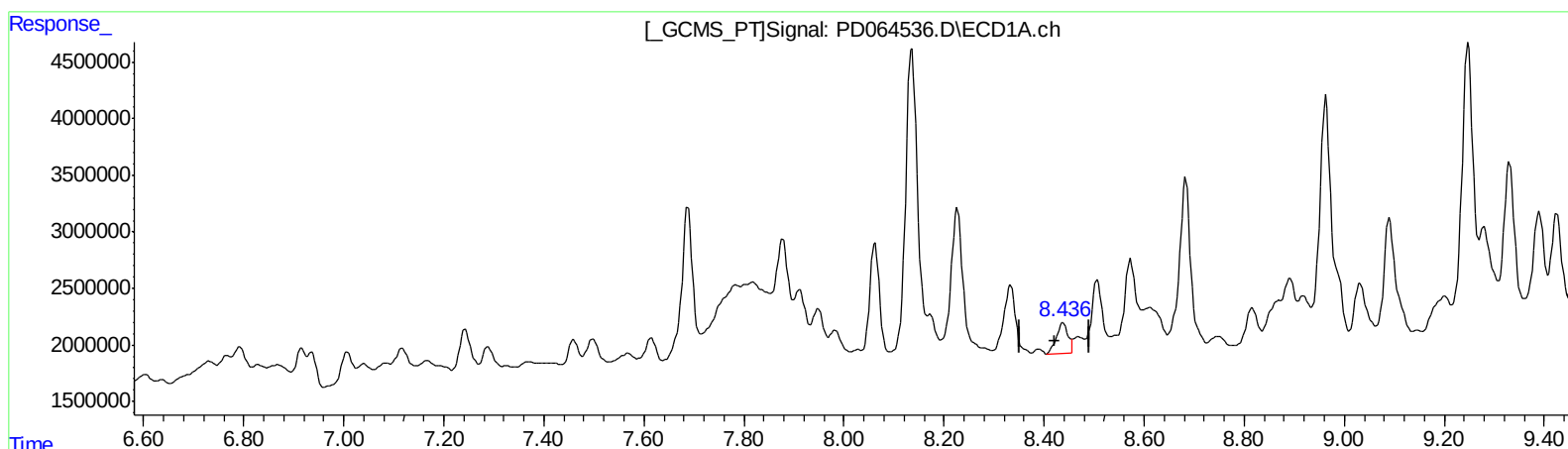
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QEdit

(12) 4,4'-DDE (B)

8.436min 3.024 ng/ml m

response 4358383

(12) 4,4'-DDE #2 (B)

7.607min 3.815 ng/ml m

response 28788875

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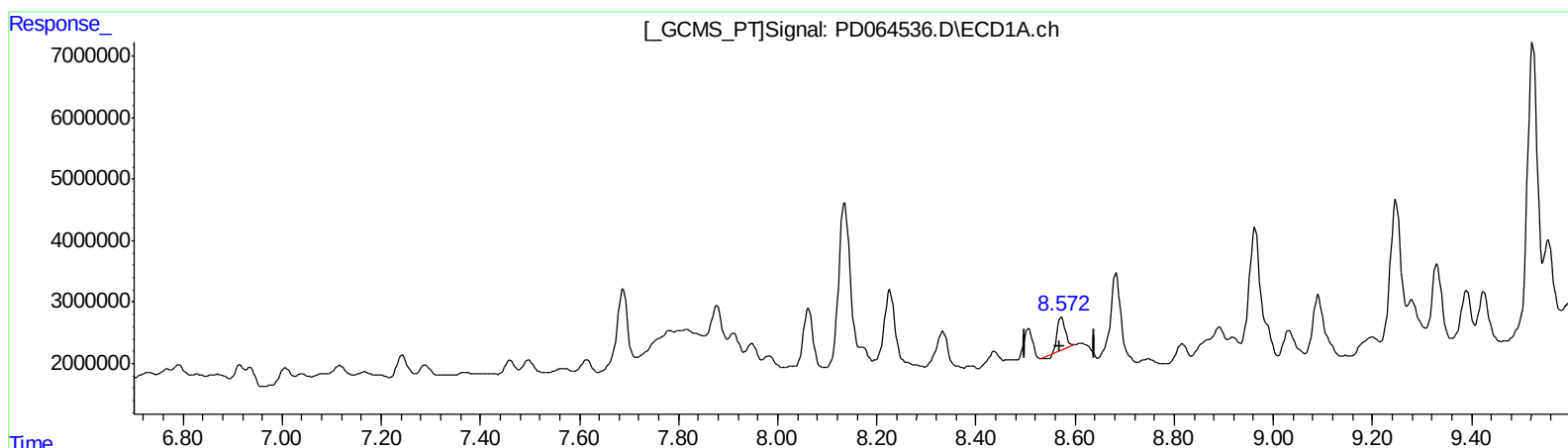
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(13) Dieldrin (MA)  
8.573min 3.961 ng/ml  
response 5906600

(13) Dieldrin #2 (MA)  
7.740min 1.639 ng/ml  
response 13166325

QEdit

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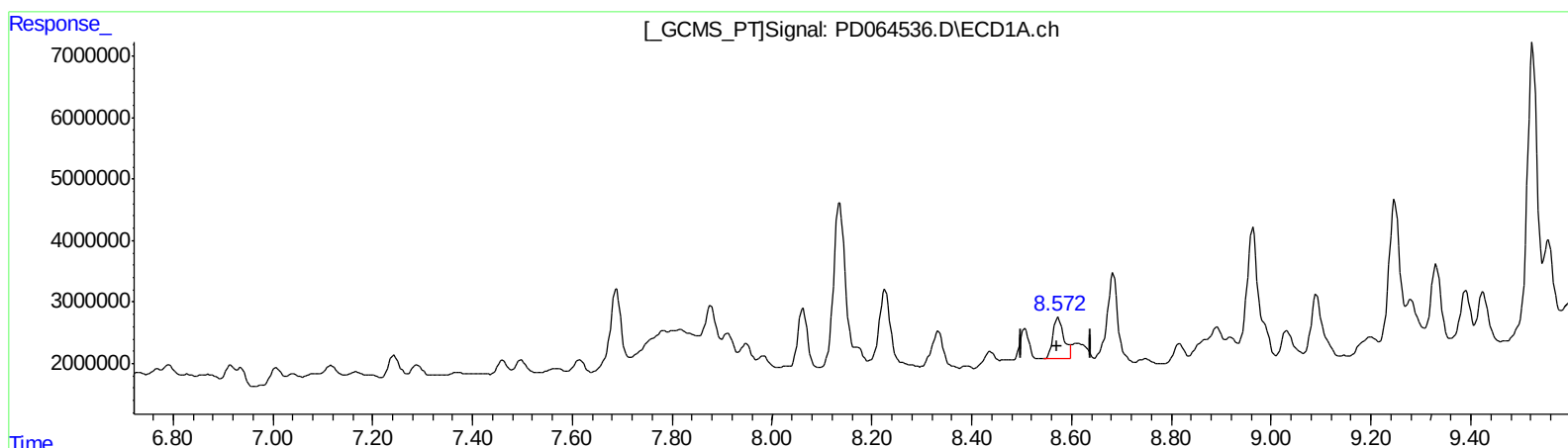
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(13) Dieldrin (MA)  
8.572min 6.930 ng/ml m  
response 10335116

(13) Dieldrin #2 (MA)  
7.739min 9.094 ng/ml m  
response 73044156

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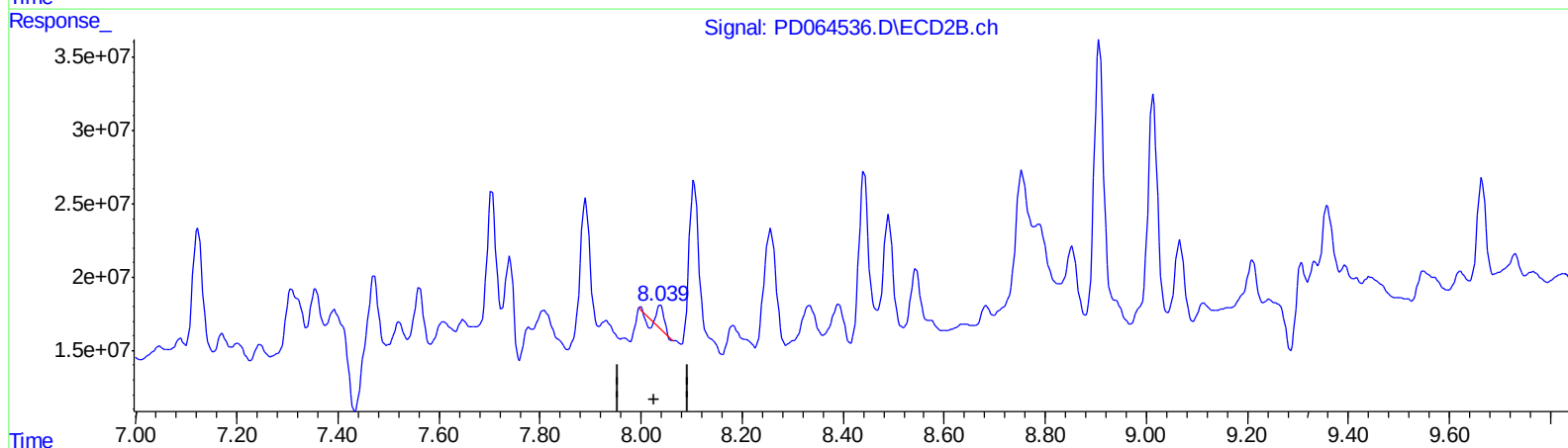
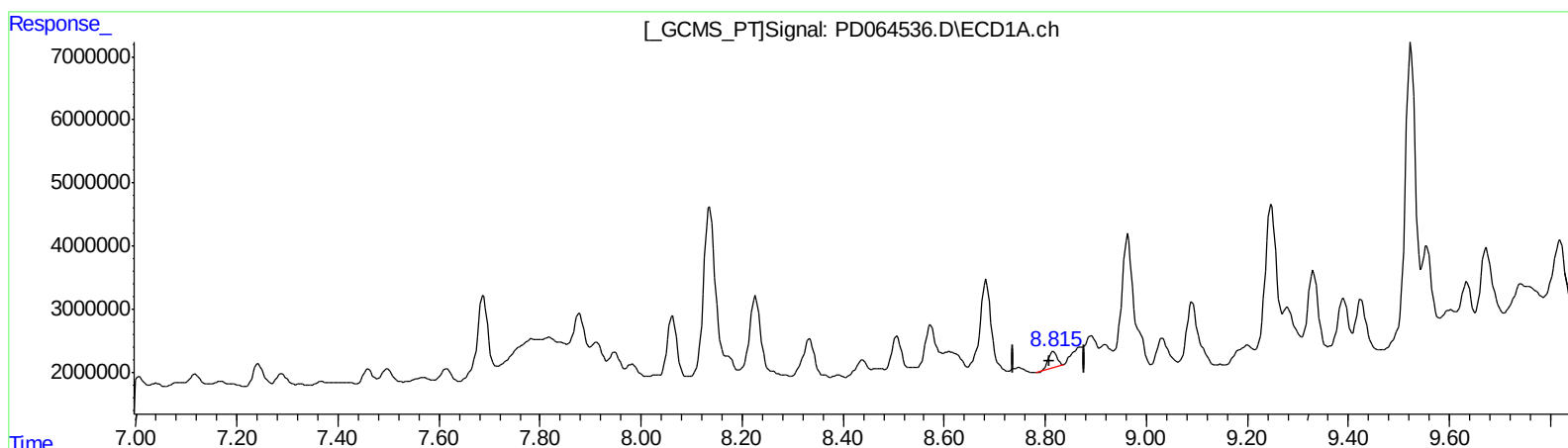
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QEdit

(14) Endrin (MA)

8.817min 2.600 ng/ml

response 3328987

(14) Endrin #2 (MA)

8.038min 1.924 ng/ml

response 11052197



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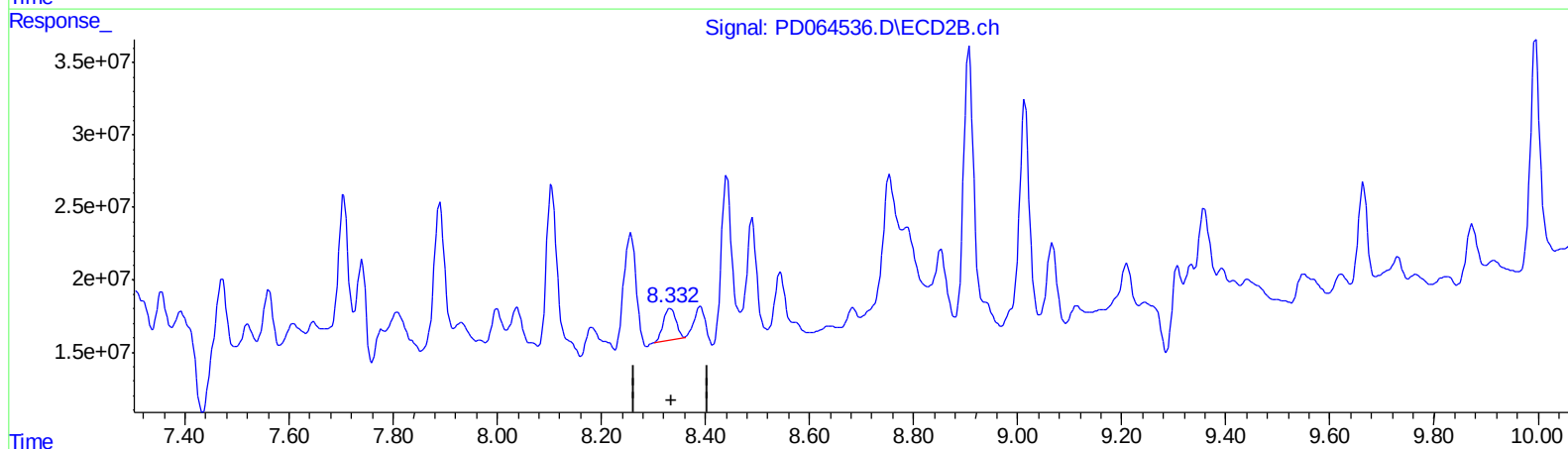
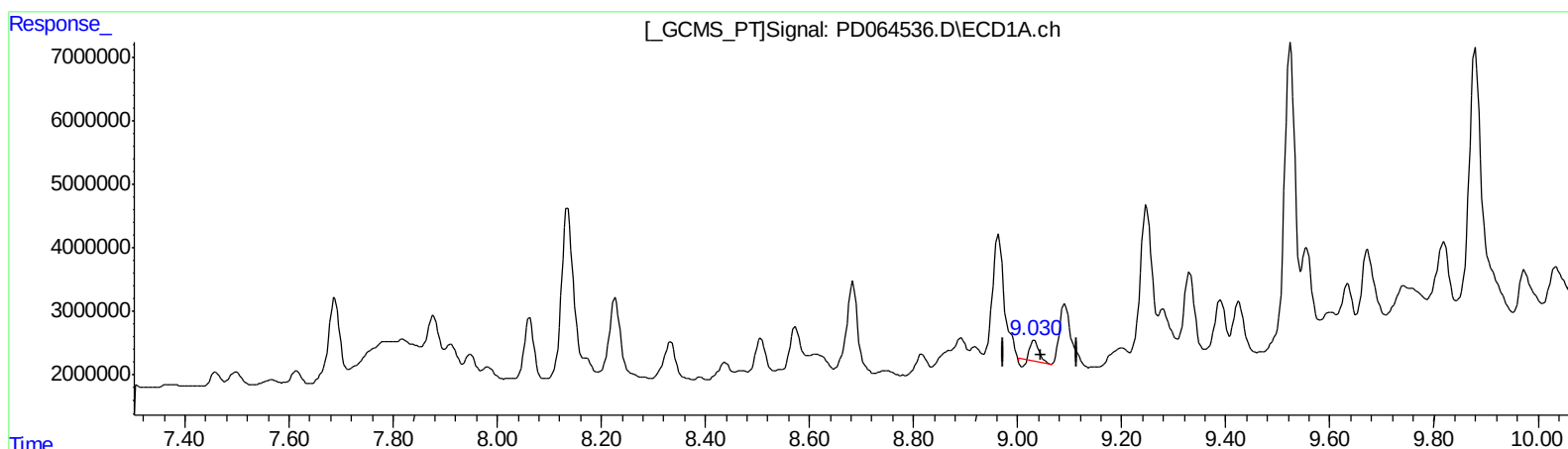
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QEdit

(15) Endosulfan II (B)  
9.032min 2.437 ng/ml  
response 3164738

(15) Endosulfan II #2 (B)  
8.333min 6.369 ng/ml  
response 36764496

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Misc :  
ALS Vial : 56 Sample Multiplier: 1

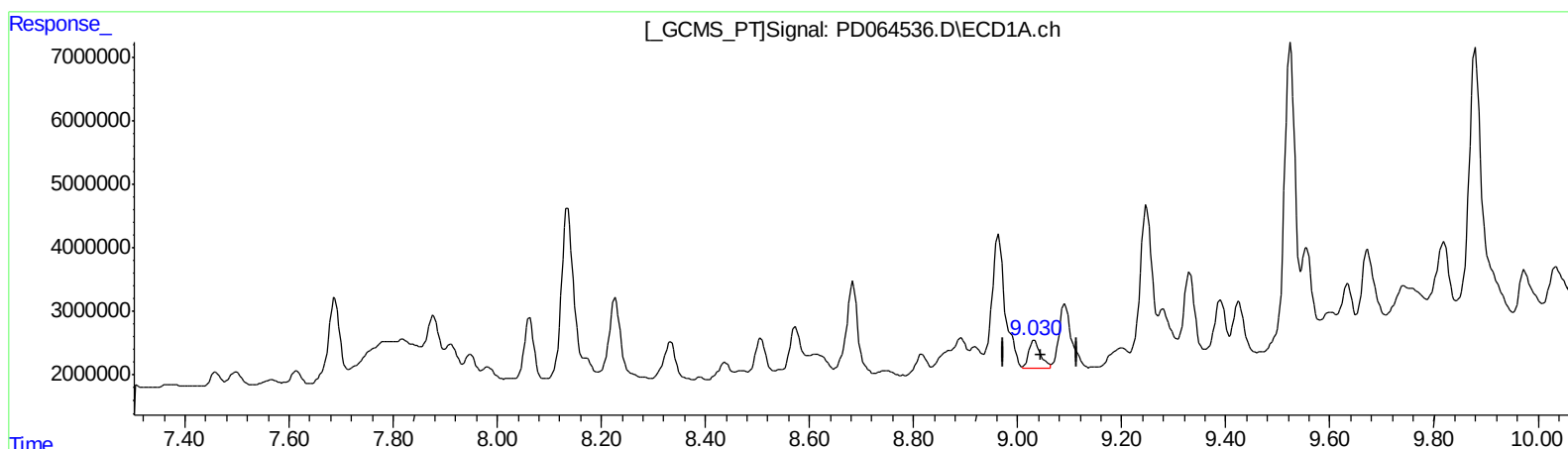
Instrument :  
ECD\_D  
ClientSampleId :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:46:10 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



(15) Endosulfan II (B)  
9.030min 5.122 ng/ml m  
response 6651161

(15) Endosulfan II #2 (B)  
8.333min 6.369 ng/ml  
response 36764496



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 06:59  
Operator : AR\AJ  
Sample : M3082-18  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

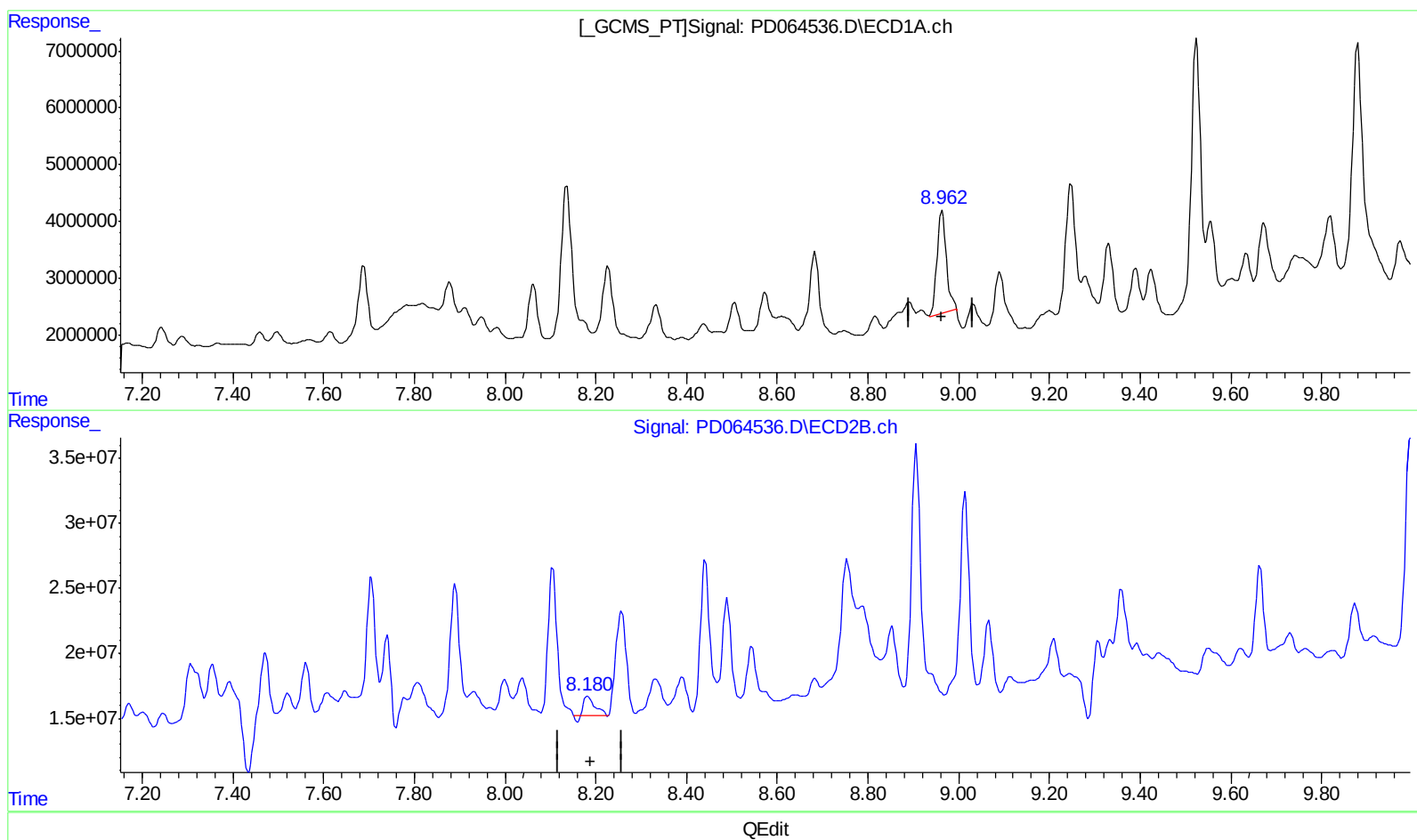
Instrument :  
ECD\_D  
ClientSampleId :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:46:10 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



(16) 4,4'-DDD (A)  
8.963min 20.848 ng/ml  
response 25592239

(16) 4,4'-DDD #2 (A)  
8.182min 4.175 ng/ml  
response 24044632

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 06:59  
Operator : AR\AJ  
Sample : M3082-18  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

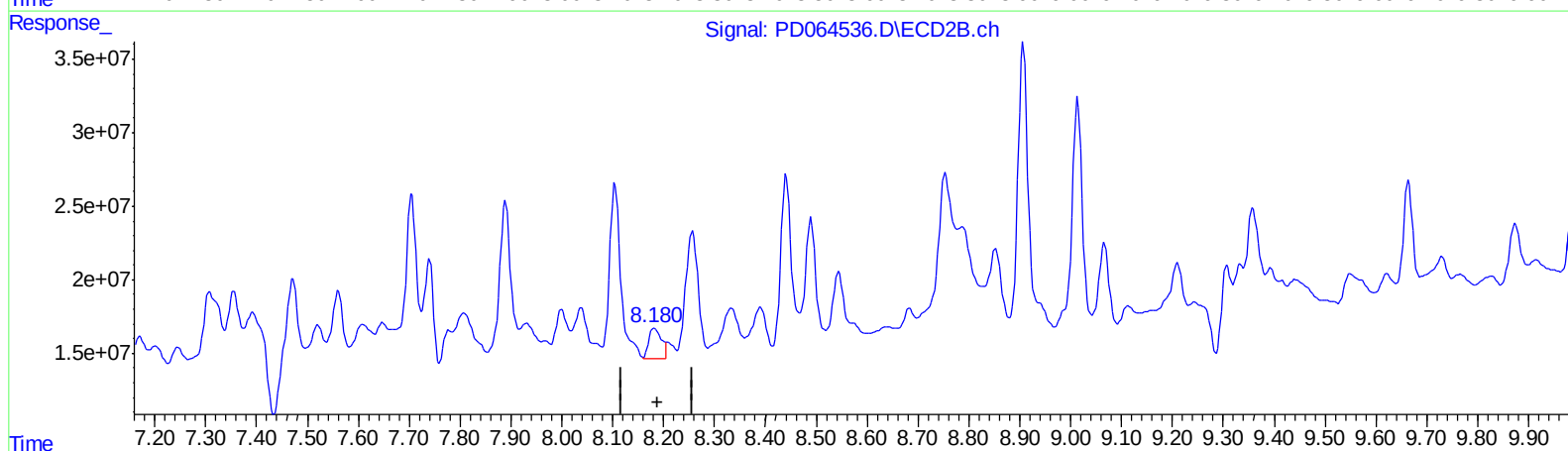
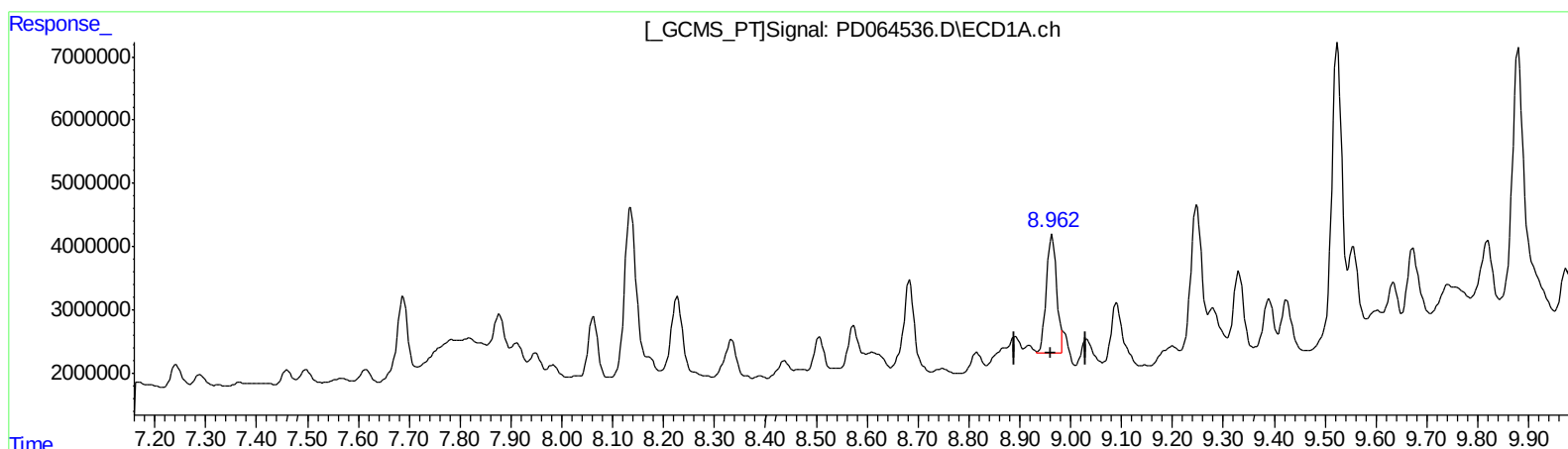
Instrument :  
ECD\_D  
ClientSampleId :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

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



QEdit

(16) 4,4'-DDD (A)  
8.962min 21.801 ng/ml m  
response 26761795

(16) 4,4'-DDD #2 (A)  
8.180min 6.197 ng/ml m  
response 35694637

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 06:59  
Operator : AR\AJ  
Sample : M3082-18  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

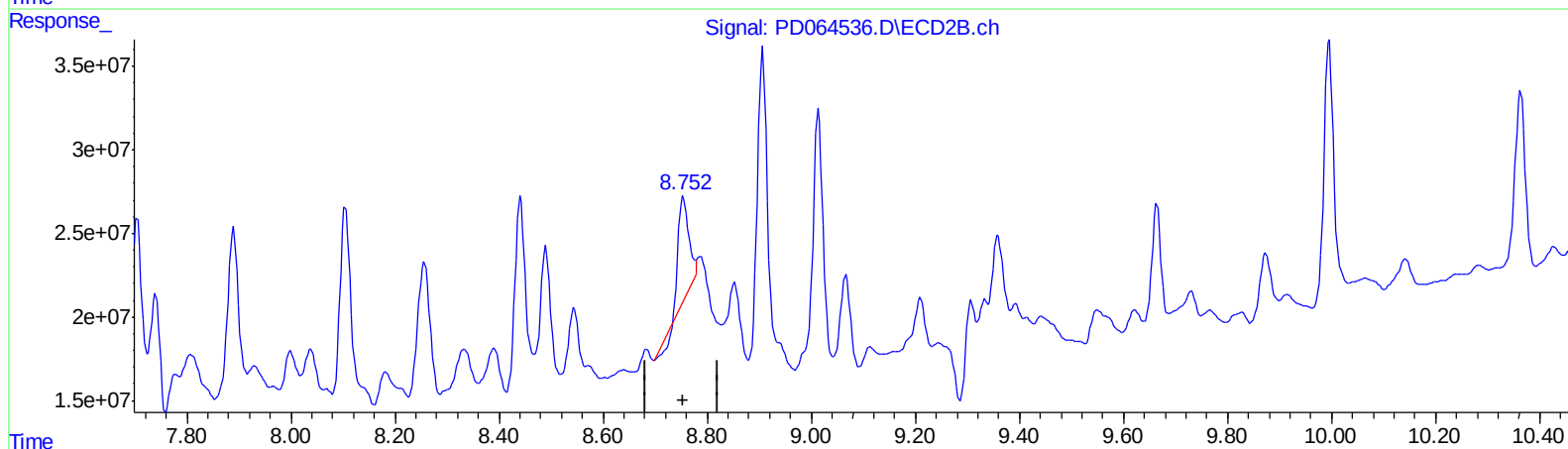
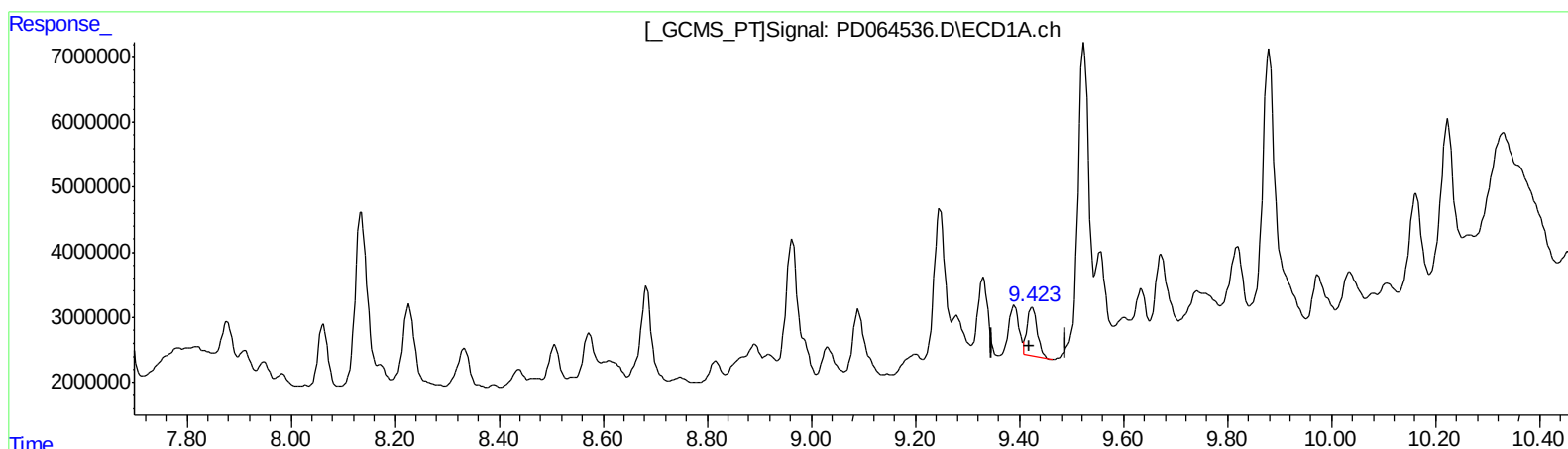
Instrument :  
ECD\_D  
ClientSampled :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:46:10 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



QEdit

(19) Endosulfan Sulfate (B)

9.425min 7.425 ng/ml

response 10232924

(19) Endosulfan Sulfate #2 (B)

8.754min 14.190 ng/ml

response 76485143

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 06:59  
Operator : AR\AJ  
Sample : M3082-18  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

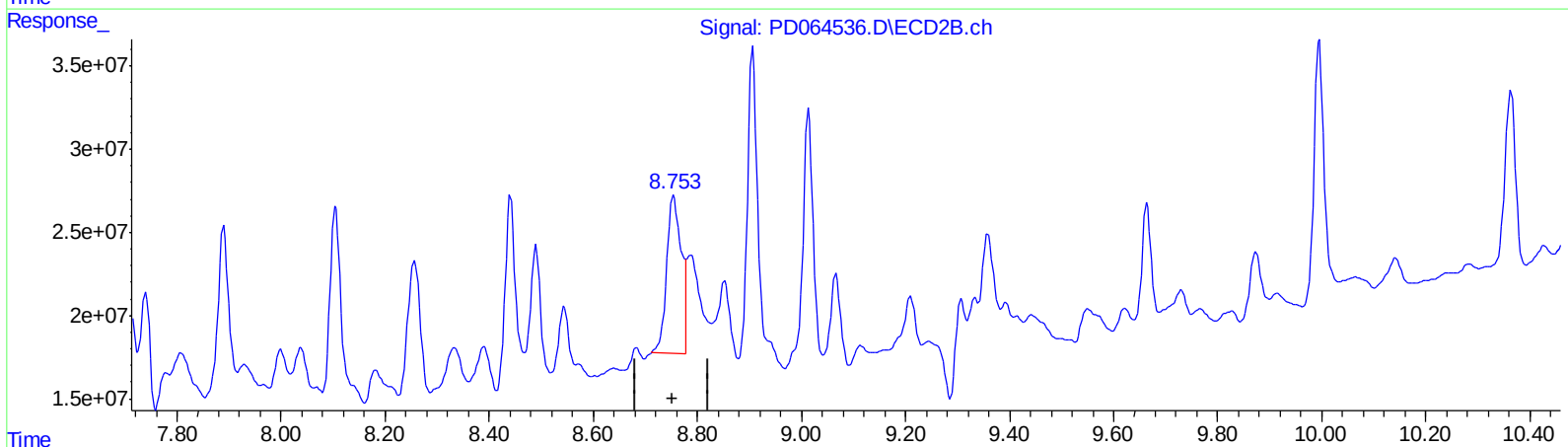
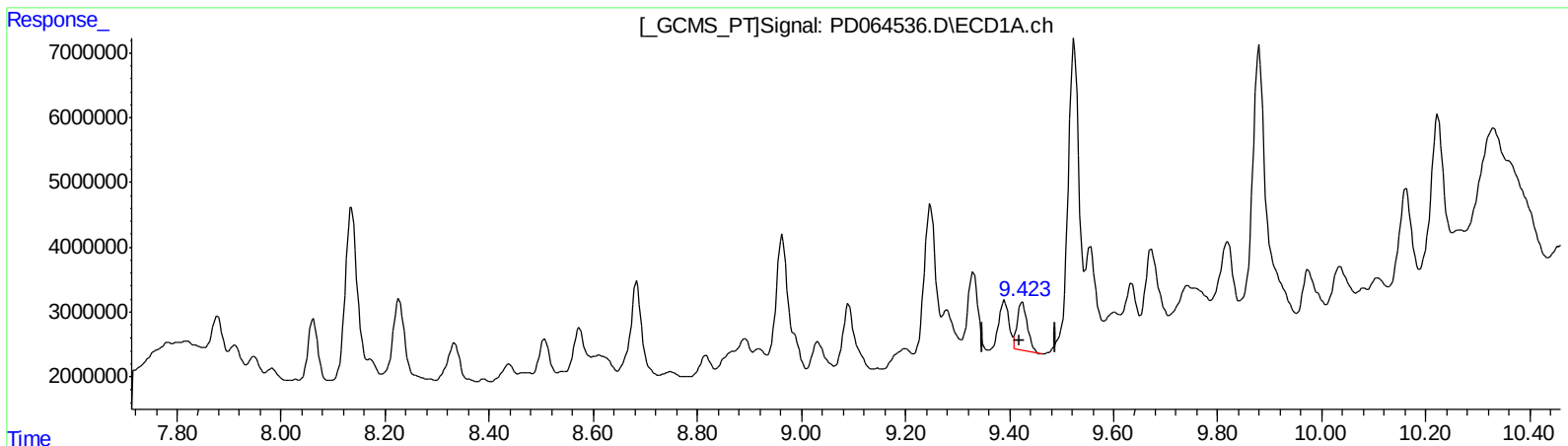
Instrument :  
ECD\_D  
ClientSampleId :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:46:10 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



QEdit

(19) Endosulfan Sulfate (B)

9.425min 7.425 ng/ml

response 10232924

(19) Endosulfan Sulfate #2 (B)

8.753min 33.604 ng/ml m

response 181131792

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 06:59  
Operator : AR\AJ  
Sample : M3082-18  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

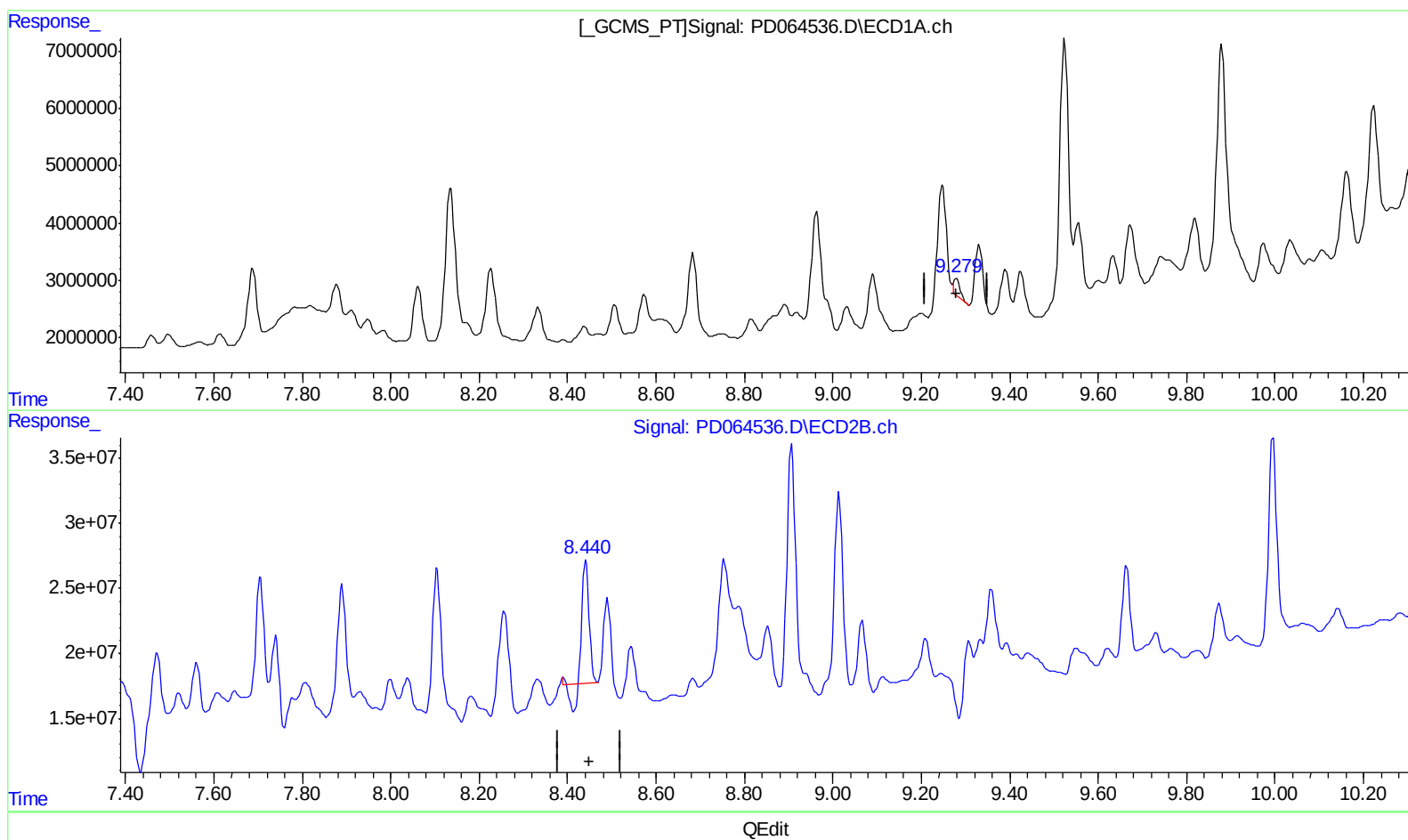
Instrument :  
ECD\_D  
ClientSampleId :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:46:10 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



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

9.279min 2.512 ng/ml

response 3279283

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

8.441min 15.689 ng/ml

response 86359688

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
Data File : PD064536.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 06:59  
Operator : AR\AJ  
Sample : M3082-18  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

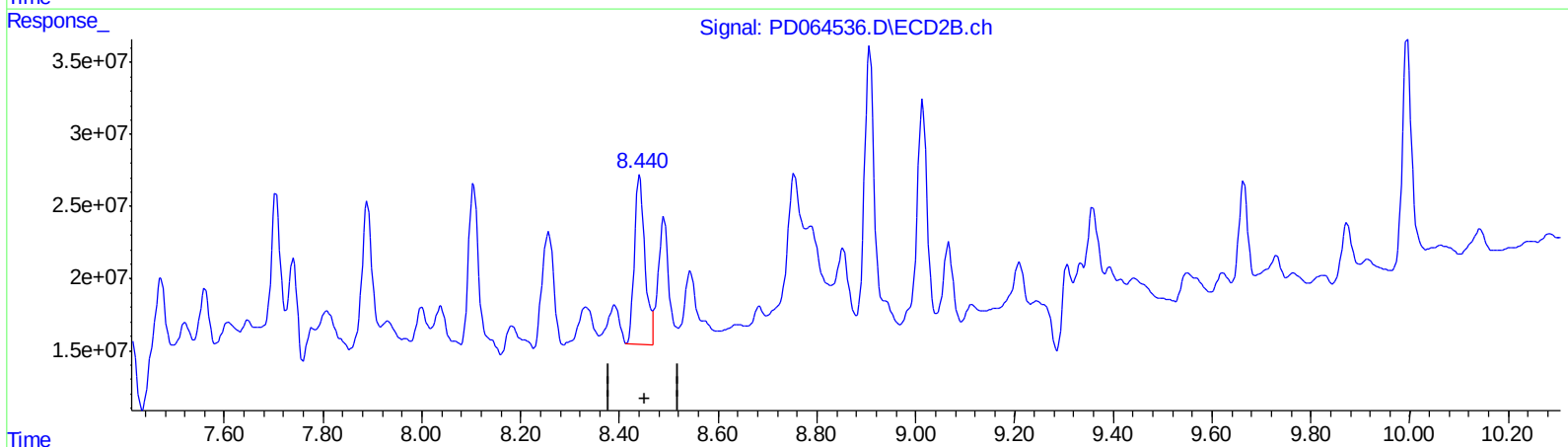
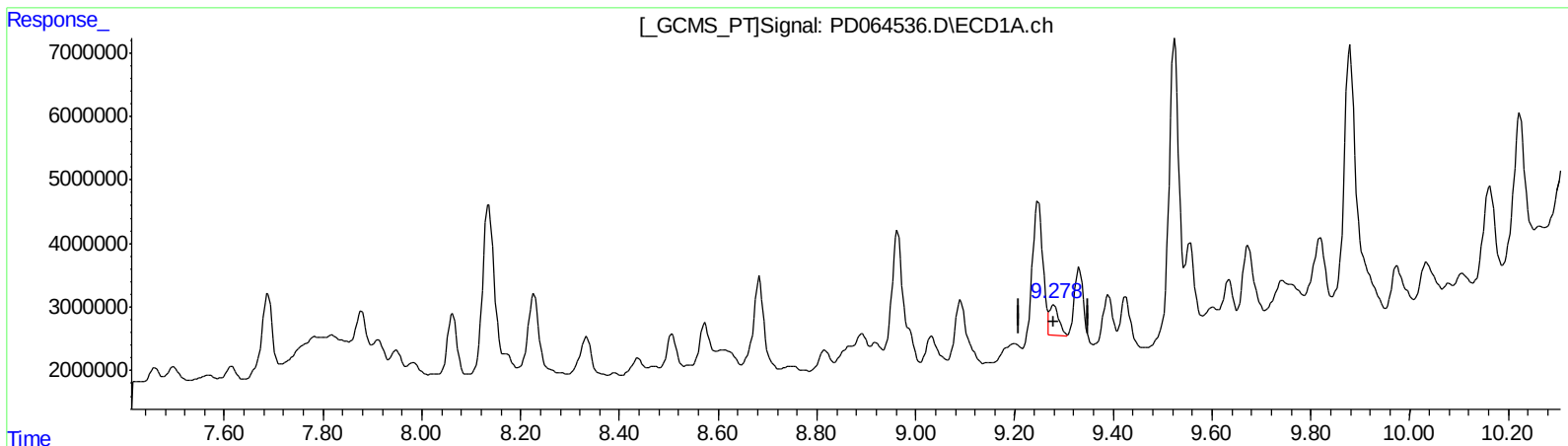
Instrument :  
ECD\_D  
ClientSampleId :  
C0016

Manual Integrations  
APPROVED

mohammad  
7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 07:46:10 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



QEdit

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

9.278min 4.759 ng/ml m

response 6212148

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

8.440min 30.715 ng/ml m

response 169073767

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072921\  
 Data File : PD064536.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2021 06:59  
 Operator : AR\AJ  
 Sample : M3082-18  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0016

Manual Integrations  
 APPROVED

mohammad  
 7/30/2021 4:50:04 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 07:46:10 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 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...          | 5.413  | 4.619  | 41308677 | 159.4E6  | 34.629m | 17.446 # |
| 27) SA Decachlor...         | 11.307 | 10.364 | 30986432 | 146.8E6  | 23.539m | 24.693   |
| Target Compounds            |        |        |          |          |         |          |
| 3) MA gamma-BHC...          | 6.393  | 5.735  | 1504739  | 27927249 | 0.959   | 2.449 #  |
| 7) B delta-BHC              | 6.914  | 6.388  | 2699336  | 17861291 | 1.551m  | 1.644m   |
| 12) B 4,4'-DDE              | 8.436  | 7.607  | 4358383  | 28788875 | 3.024m  | 3.815m#  |
| 13) MA Dieldrin             | 8.572  | 7.739  | 10335116 | 73044156 | 6.930m  | 9.094m#  |
| 14) MA Endrin               | 8.817  | 8.037  | 3328987  | 34415466 | 2.600   | 5.991m#  |
| 15) B Endosulfa...          | 9.030  | 8.333  | 6651161  | 36764496 | 5.122m  | 6.369    |
| 16) A 4,4'-DDD              | 8.962  | 8.180  | 26761795 | 35694637 | 21.801m | 6.197m#  |
| 17) MA 4,4'-DDT             | 9.278  | 8.440  | 6212148  | 169.1E6  | 4.759m  | 30.715m# |
| 19) B Endosulfa...          | 9.425  | 8.753  | 10232924 | 181.1E6  | 7.425   | 33.604m# |
| -----                       |        |        |          |          |         |          |

AJ  
 08/03/21

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