

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064660.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:02  
Operator : AR\AJ  
Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

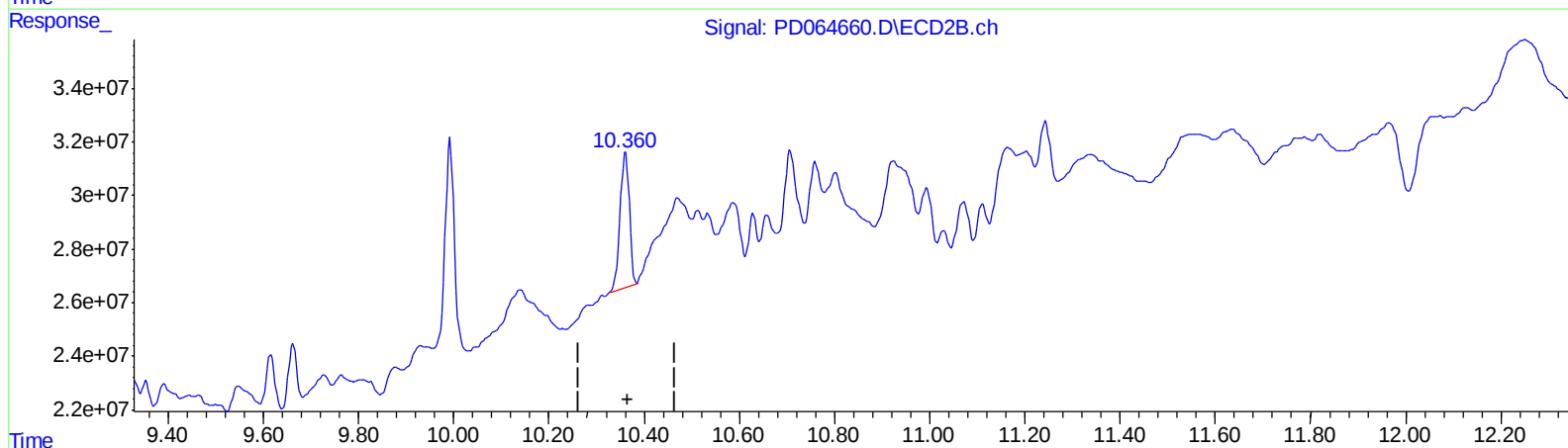
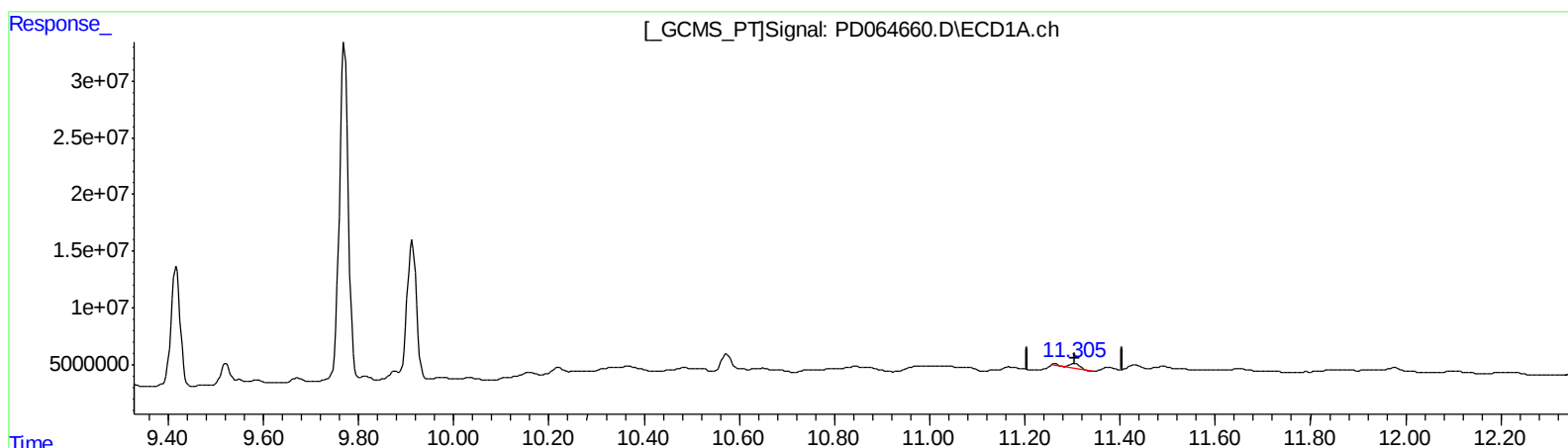
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MS

Manual Integrations  
APPROVED

mohammad  
8/3/2021 3:12:01 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 02:50:37 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

(27) Decachlorobiphenyl (SA)

11.305min 4.375 ng/ml

response 5759558

(27) Decachlorobiphenyl #2 (SA)

10.361min 11.549 ng/ml

response 68677720

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Sample : M3124-07MS  
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ALS Vial : 16 Sample Multiplier: 1

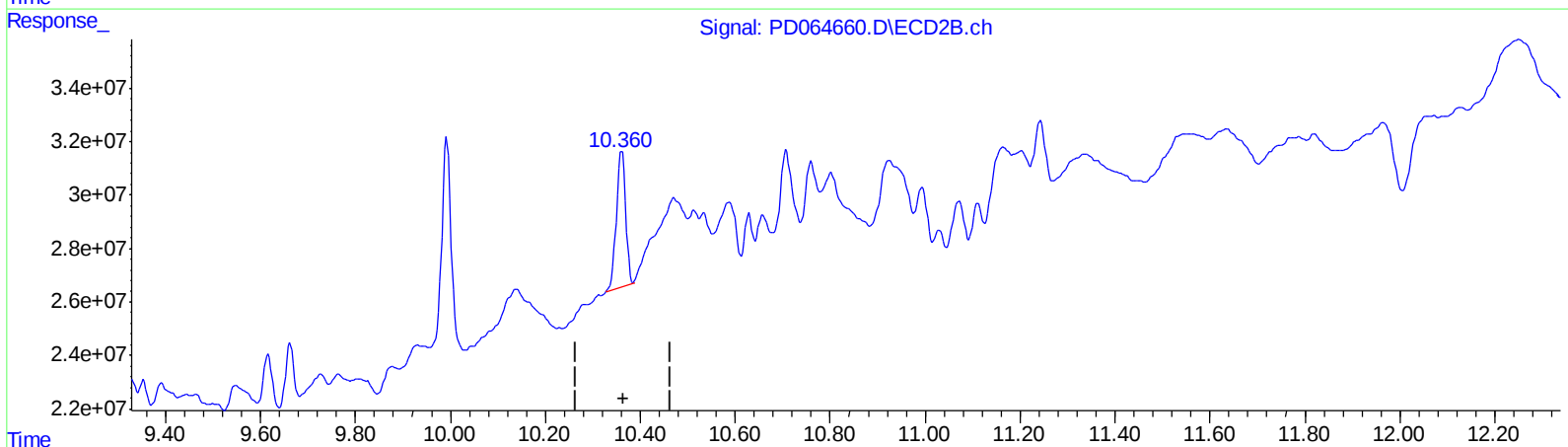
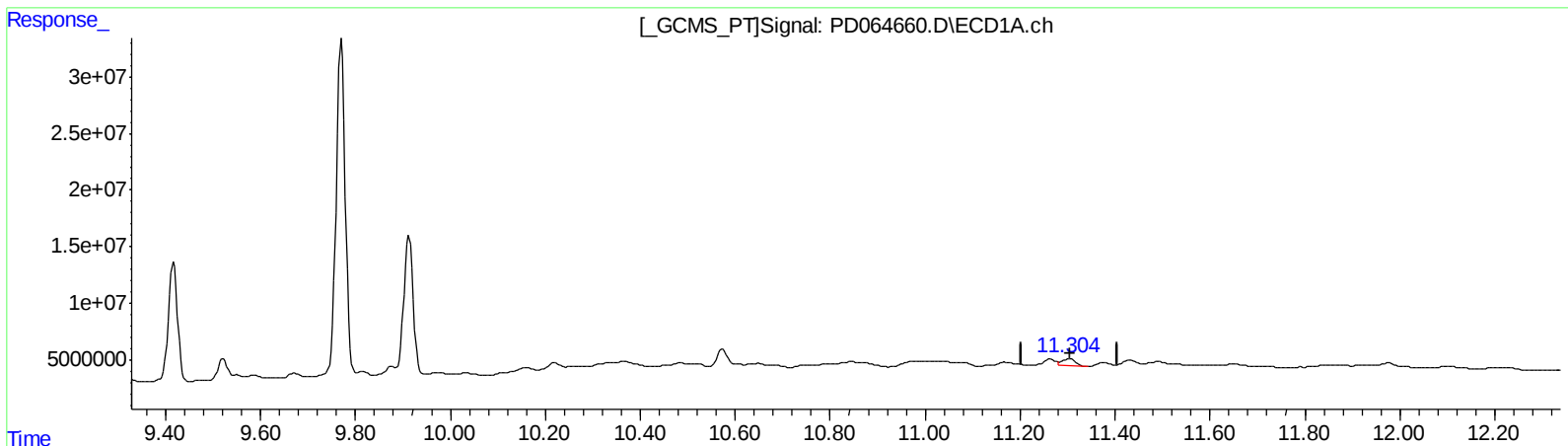
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(27) Decachlorobiphenyl (SA)

11.304min 9.510 ng/ml m

response 12518325

(27) Decachlorobiphenyl #2 (SA)

10.361min 11.549 ng/ml

response 68677720

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Misc :  
ALS Vial : 16 Sample Multiplier: 1

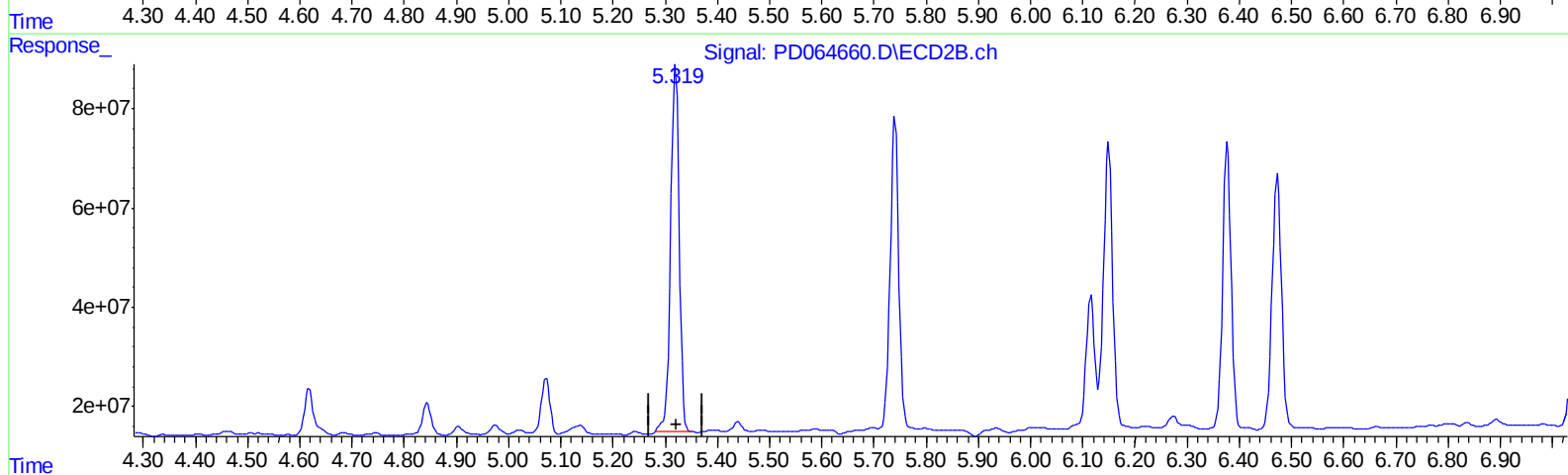
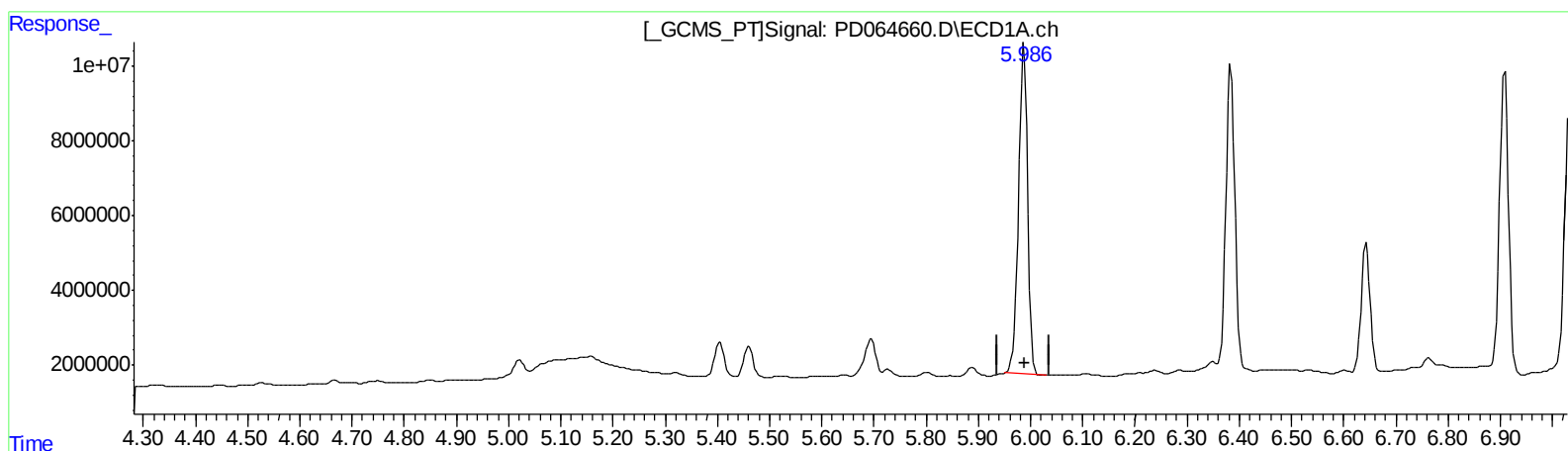
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(2) alpha-BHC (A)

5.987min 65.377 ng/ml

response 106504582

(2) alpha-BHC #2 (A)

5.320min 67.409 ng/ml

response 830851527

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Sample : M3124-07MS  
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ALS Vial : 16 Sample Multiplier: 1

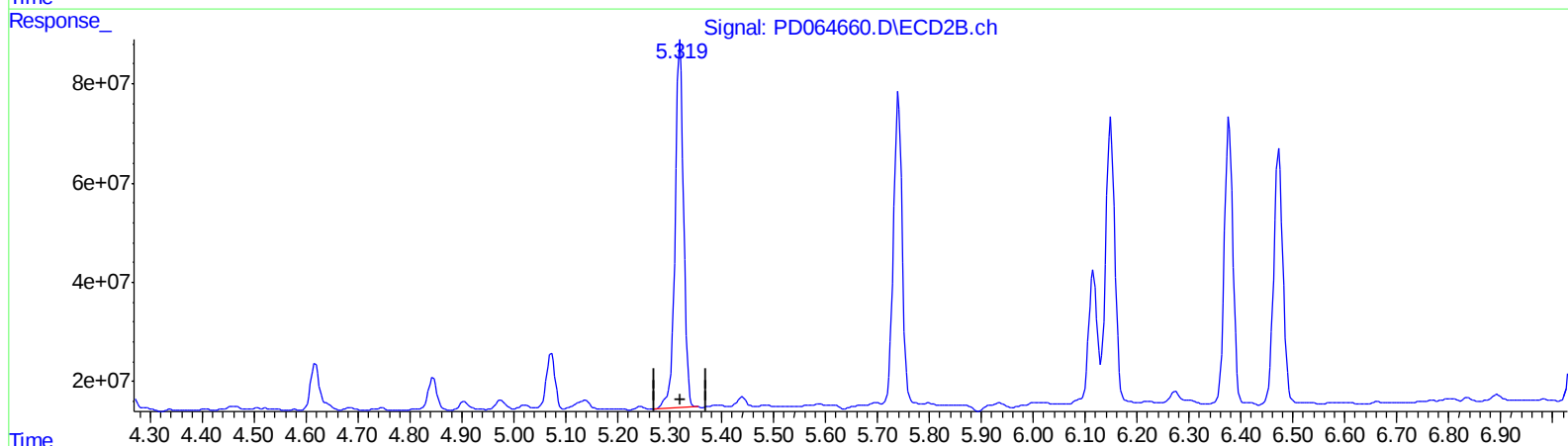
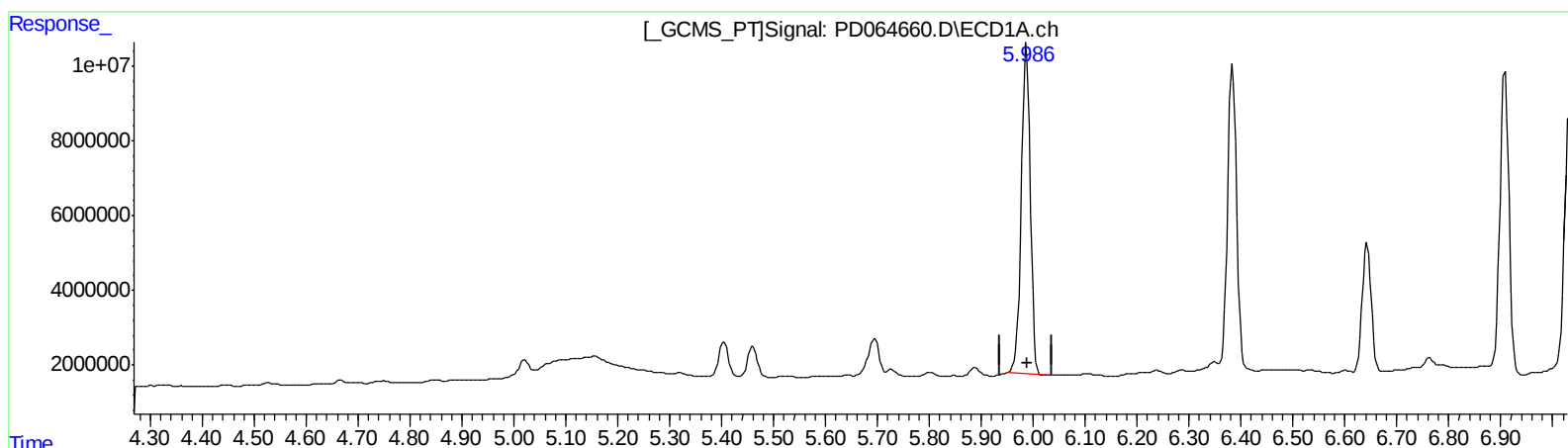
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ClientSampleId :  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(2) alpha-BHC (A)

5.987min 65.377 ng/ml

response 106504582

(2) alpha-BHC #2 (A)

5.319min 68.355 ng/ml m

response 842509244

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:02  
Operator : AR\AJ  
Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

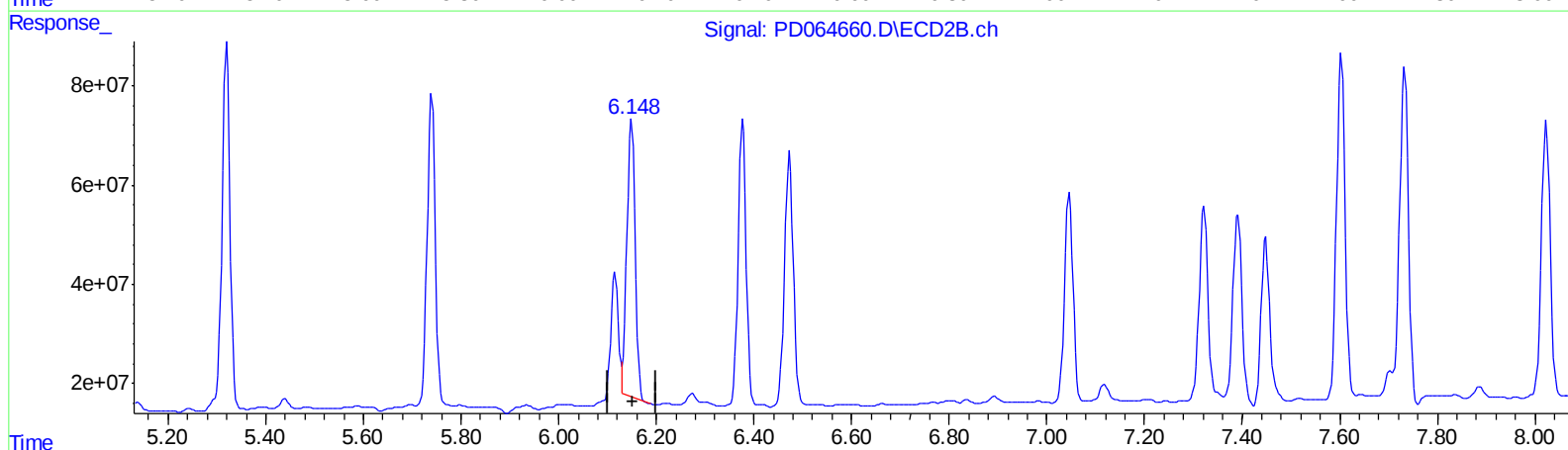
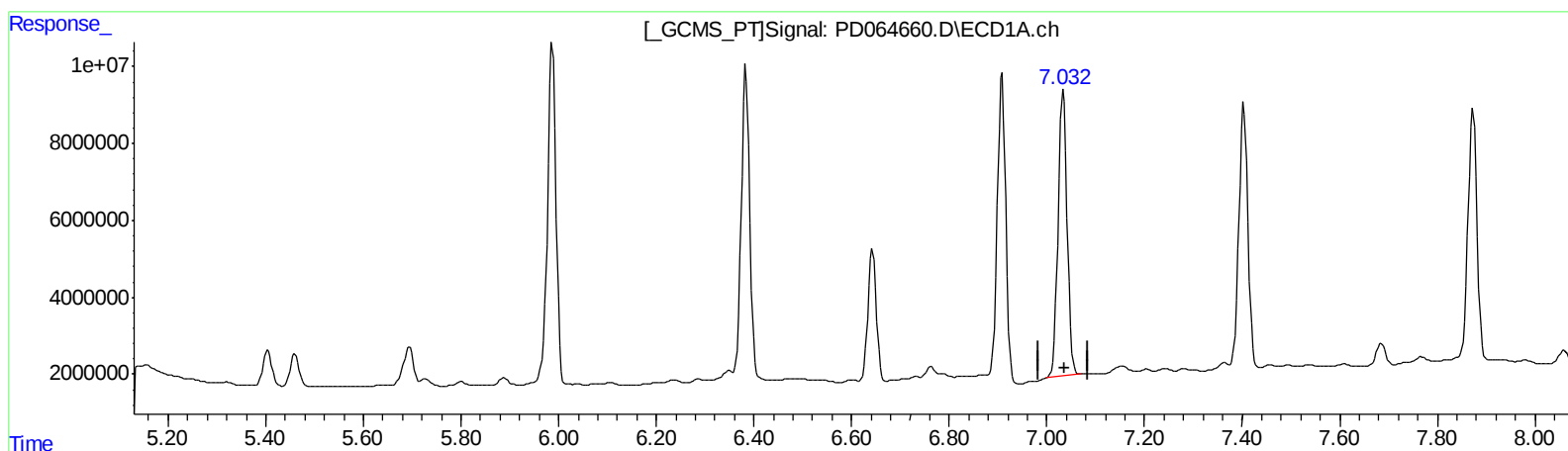
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(4) Heptachlor (MA)  
7.034min 56.771 ng/ml  
response 95409215

(4) Heptachlor #2 (MA)  
6.150min 57.677 ng/ml  
response 653934734

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Acq On : 02 Aug 2021 14:02  
Operator : AR\AJ  
Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

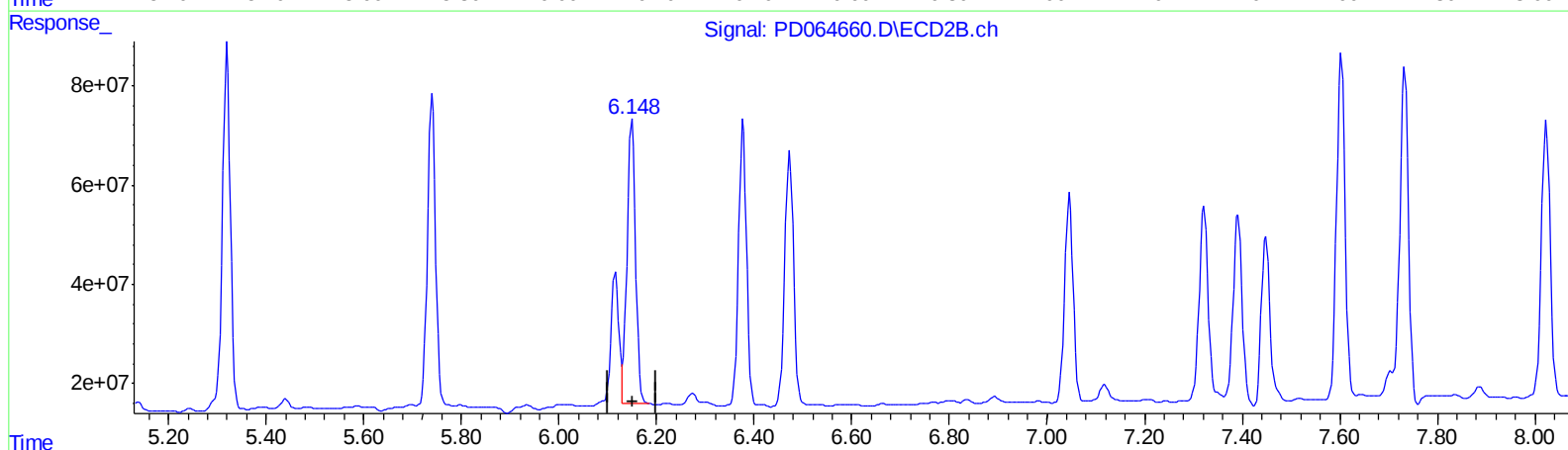
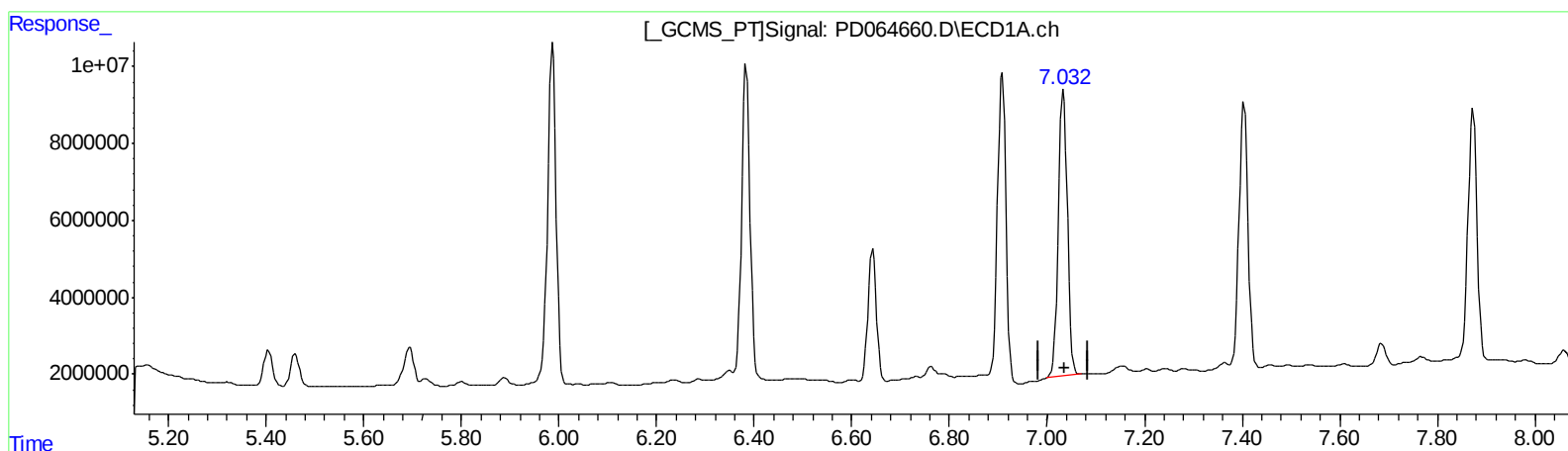
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MS

Manual Integrations  
APPROVED

mohammad  
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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

(4) Heptachlor (MA)

7.034min 56.771 ng/ml

response 95409215

(4) Heptachlor #2 (MA)

6.148min 60.872 ng/ml m

response 690163765

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Acq On : 02 Aug 2021 14:02  
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Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

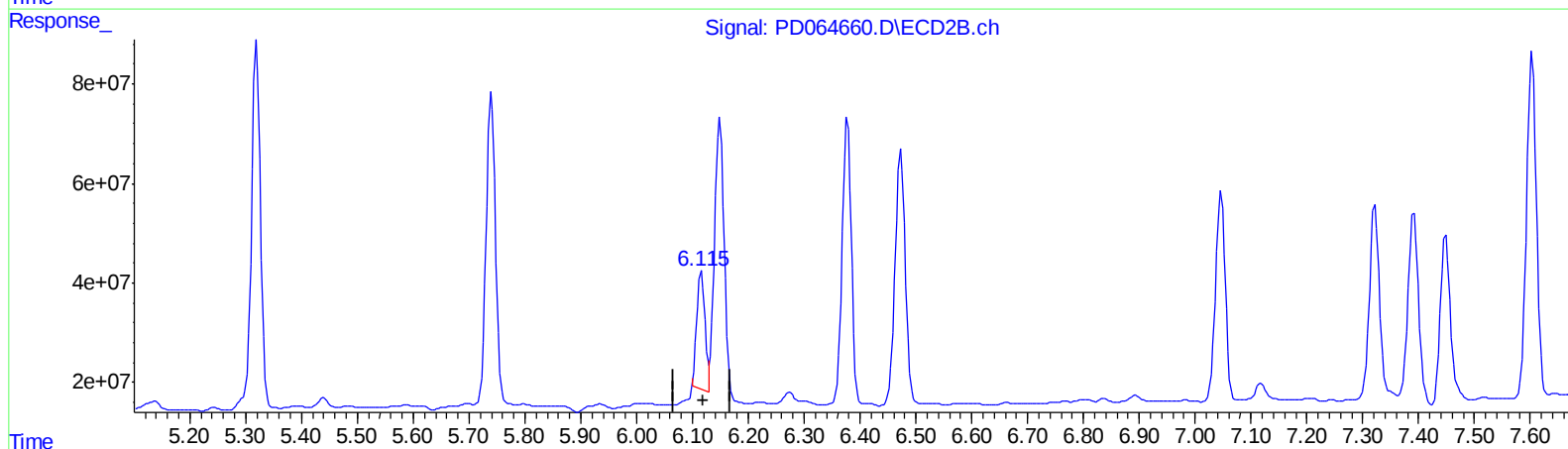
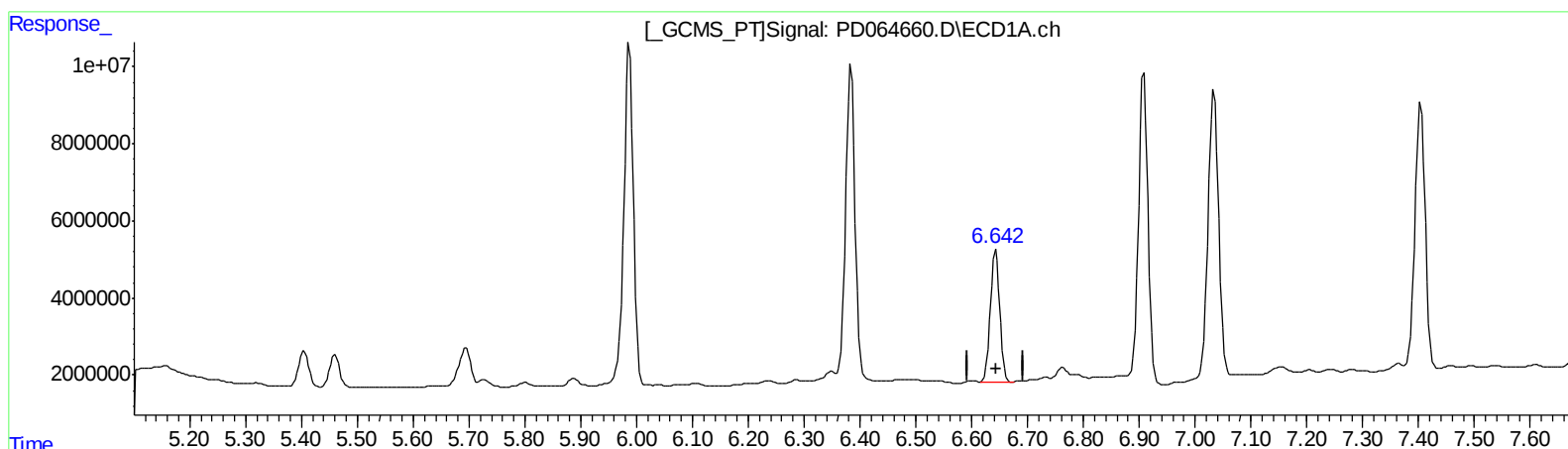
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ClientSampleId :  
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Manual Integrations  
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QEdit

(6) beta-BHC (B)

6.643min 53.224 ng/ml

response 41523481

(6) beta-BHC #2 (B)

6.116min 39.295 ng/ml

response 238398654

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

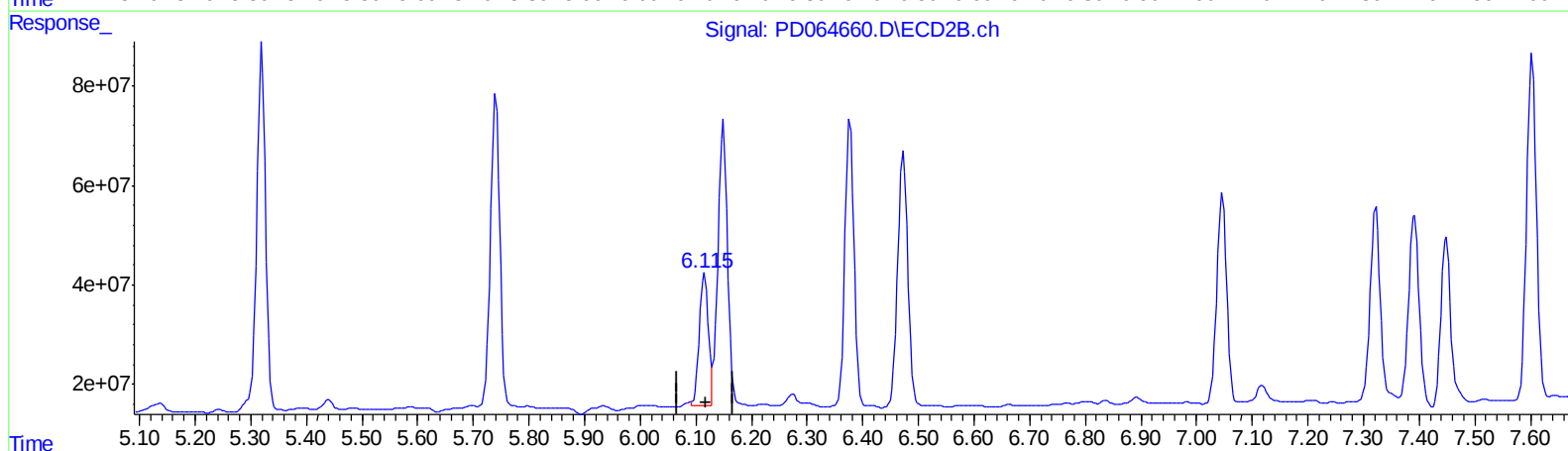
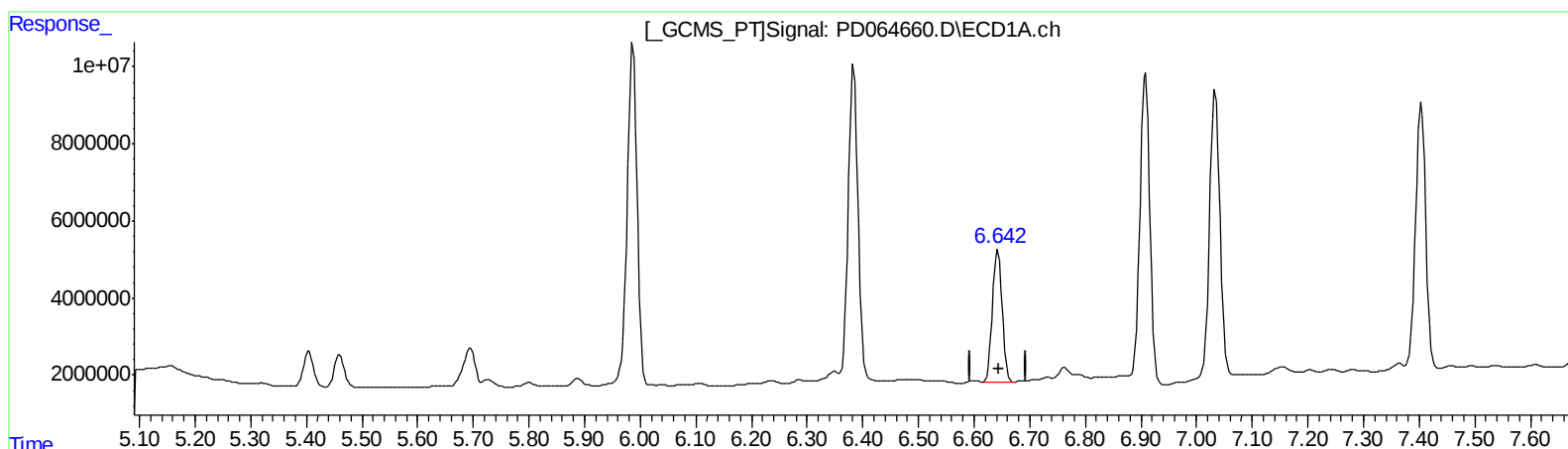
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MS

Manual Integrations  
APPROVED

mohammad  
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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

(6) beta-BHC (B)  
6.643min 53.224 ng/ml  
response 41523481

(6) beta-BHC #2 (B)  
6.115min 51.433 ng/ml m  
response 312036887

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064660.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:02  
Operator : AR\AJ  
Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

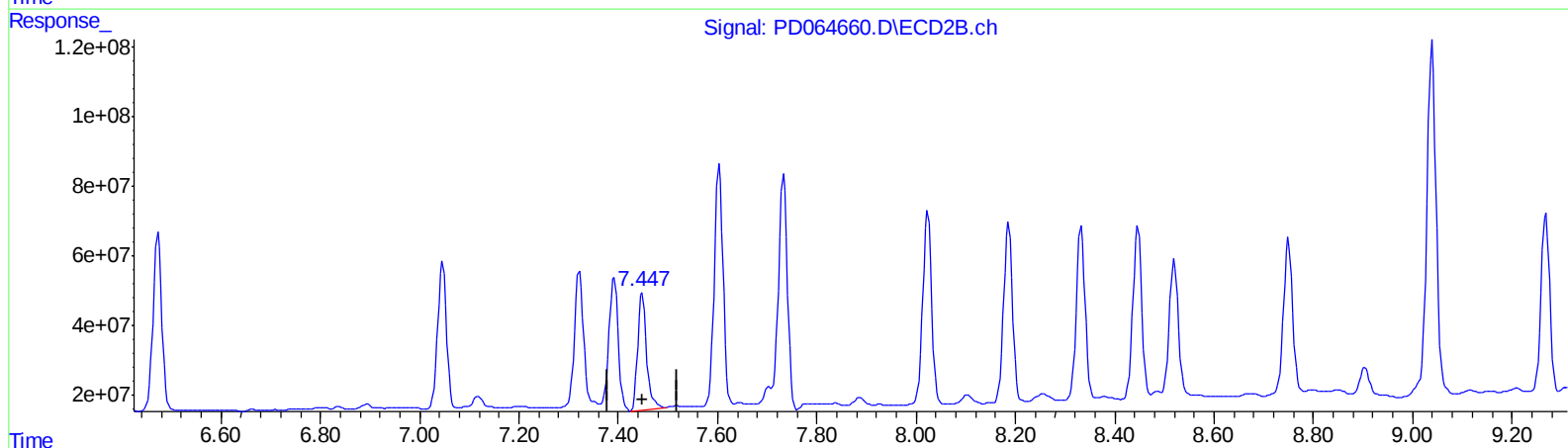
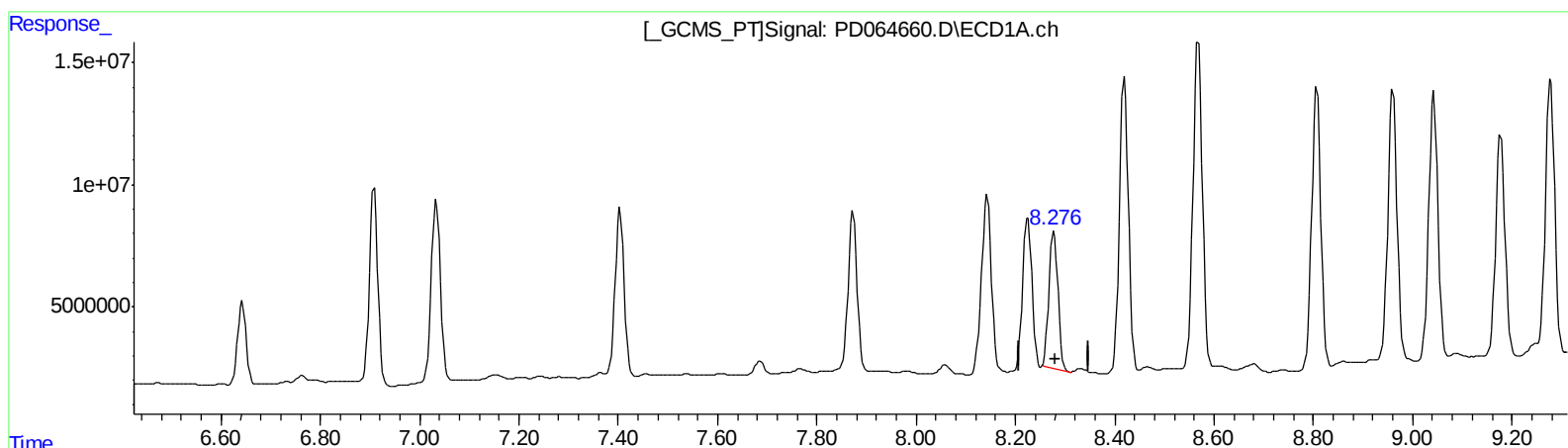
**Instrument :**  
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**Manual Integrations**  
**APPROVED**

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QEdit

(9) Endosulfan I (A)  
8.277min 50.168 ng/ml  
response 70719501

(9) Endosulfan I #2 (A)  
7.449min 55.244 ng/ml  
response 424802514

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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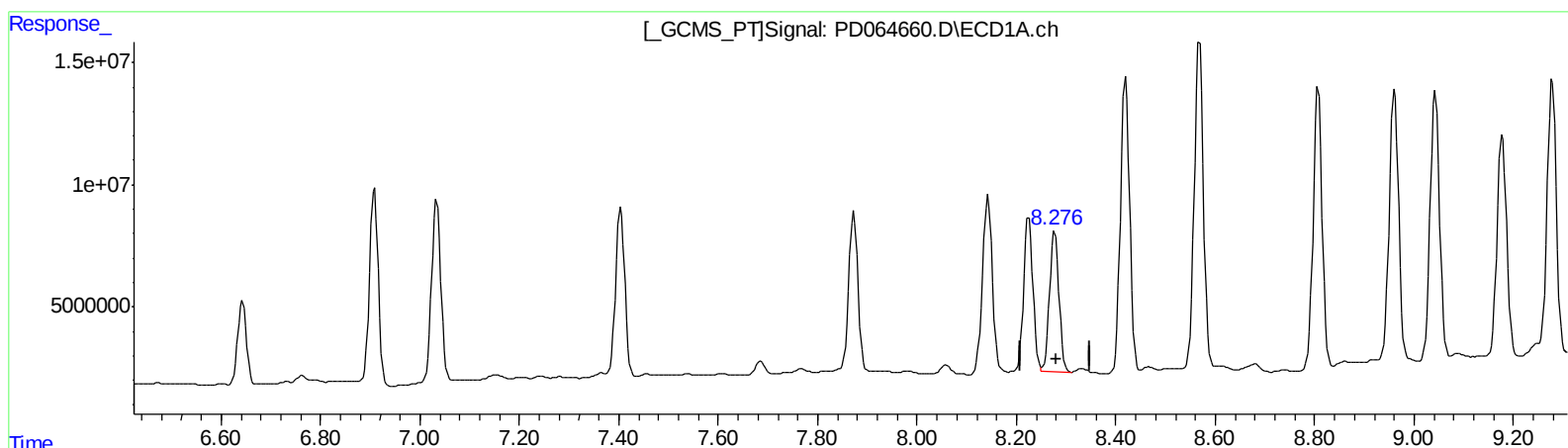
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(9) Endosulfan I (A)  
8.276min 53.426 ng/ml m  
response 75312754

(9) Endosulfan I #2 (A)  
7.449min 55.244 ng/ml  
response 424802514

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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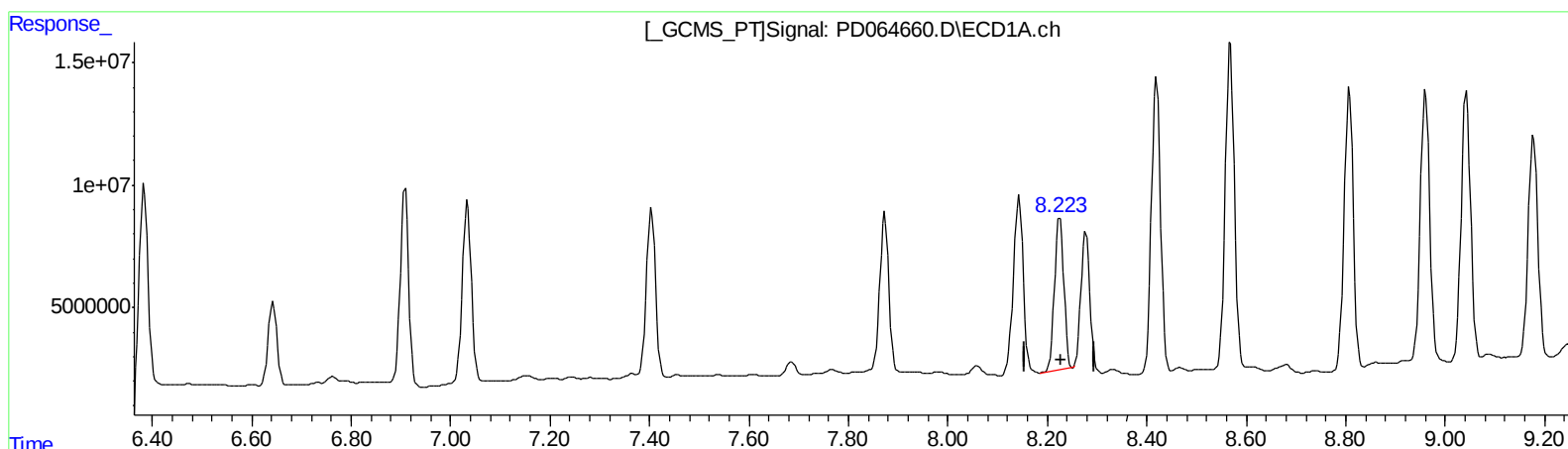
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(11) cis-Chlordane (B)

8.225min 51.067 ng/ml

response 79567535

(11) cis-Chlordane #2 (B)

7.392min 56.687 ng/ml

response 504265305

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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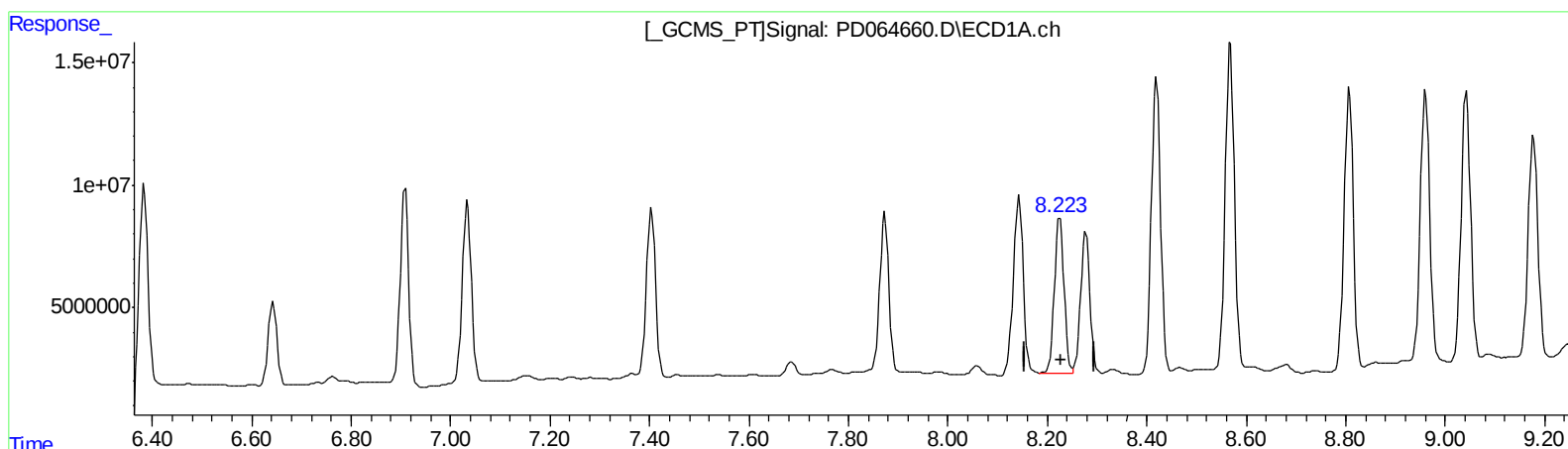
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(11) cis-Chlordane (B)  
8.223min 54.396 ng/ml m  
response 84755379

(11) cis-Chlordane #2 (B)  
7.392min 56.687 ng/ml  
response 504265305

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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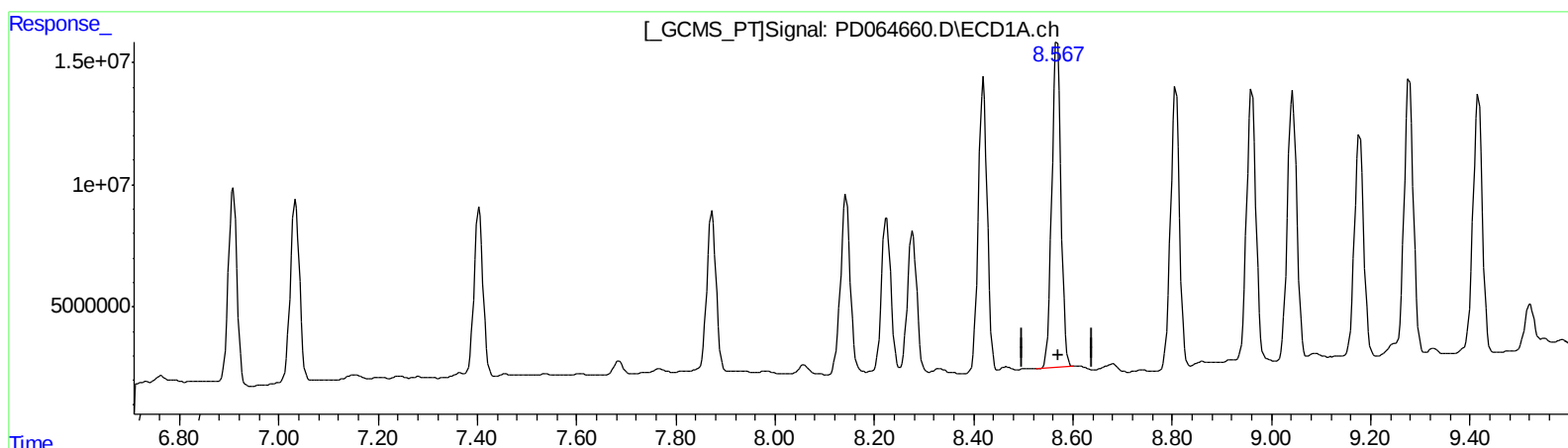
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(13) Dieldrin (MA)  
8.568min 115.662 ng/ml  
response 172484323

(13) Dieldrin #2 (MA)  
7.733min 101.429 ng/ml  
response 814658673

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064660.D  
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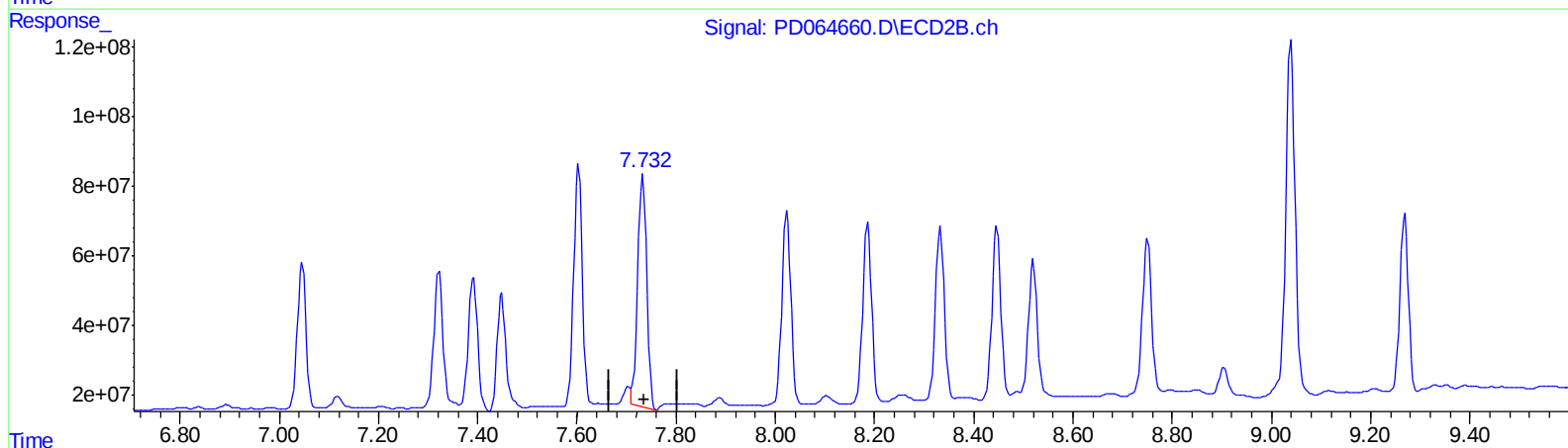
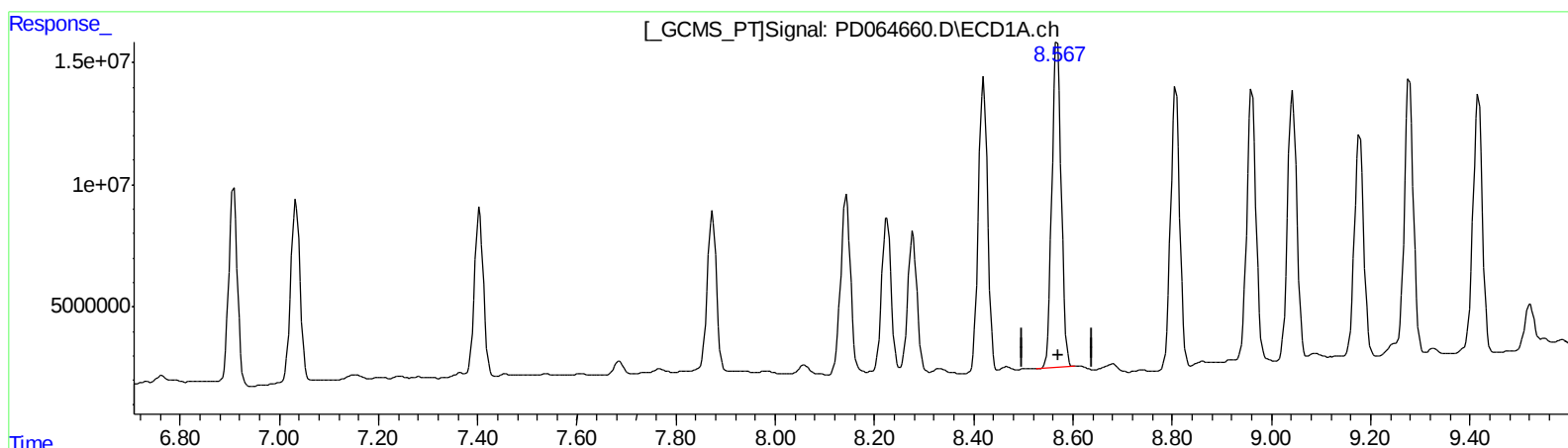
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(13) Dieldrin (MA)  
8.568min 115.662 ng/ml  
response 172484323

(13) Dieldrin #2 (MA)  
7.732min 105.302 ng/ml m  
response 845765900

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064660.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:02  
Operator : AR\AJ  
Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

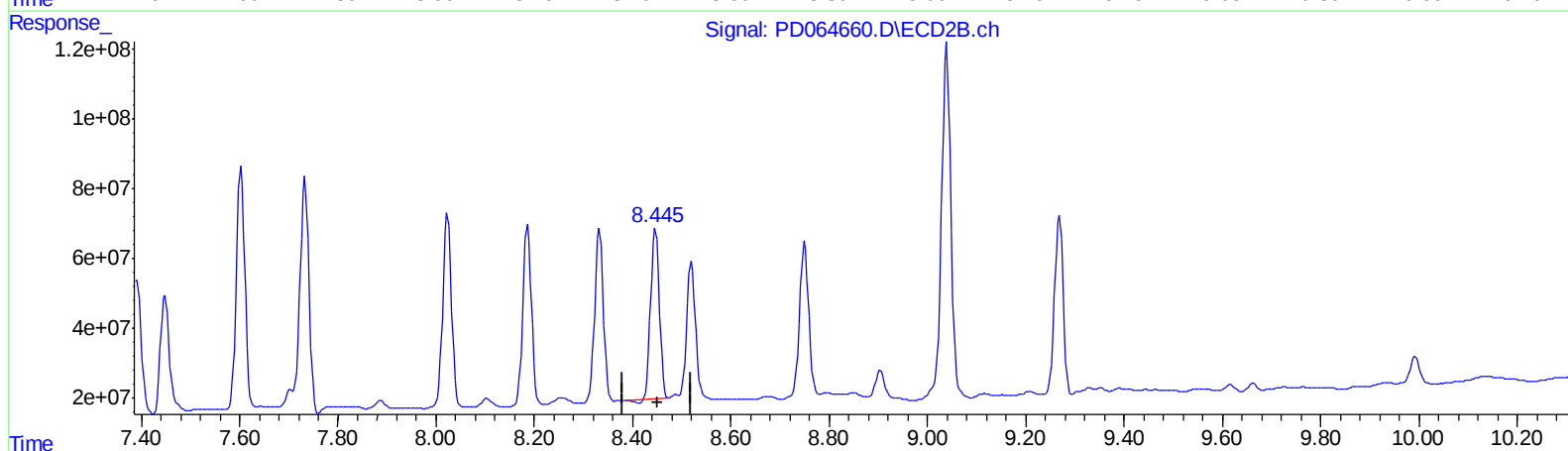
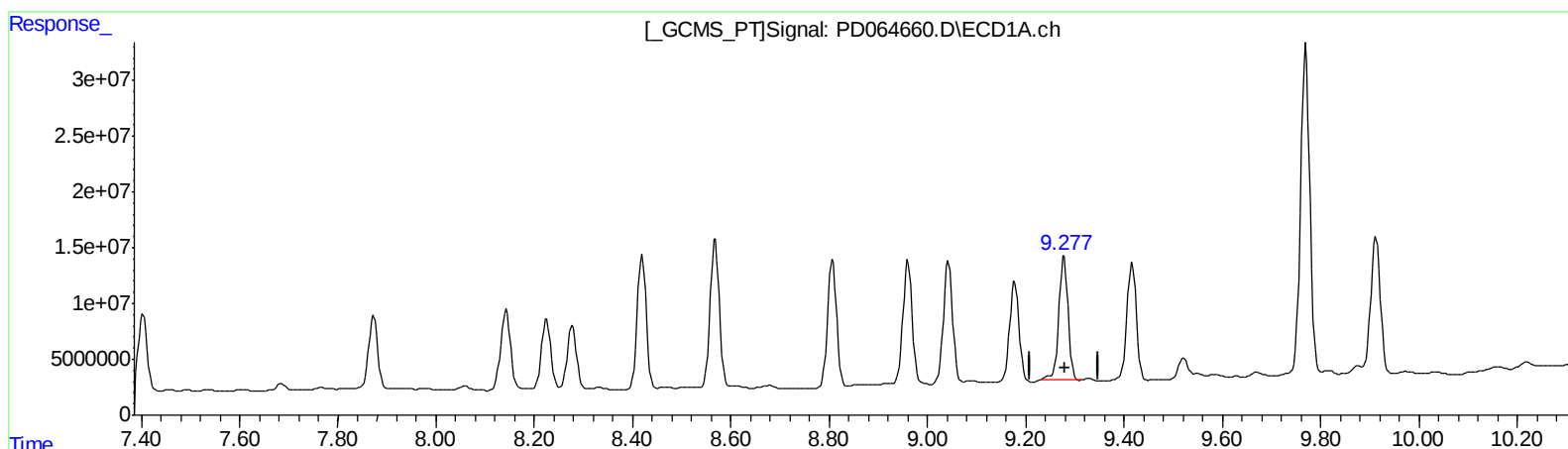
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MS

Manual Integrations  
APPROVED

mohammad  
8/3/2021 3:12:01 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 02:50:37 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 112.092 ng/ml

response 146331602

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

8.447min 105.928 ng/ml

response 583092603

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064660.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:02  
Operator : AR\AJ  
Sample : M3124-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

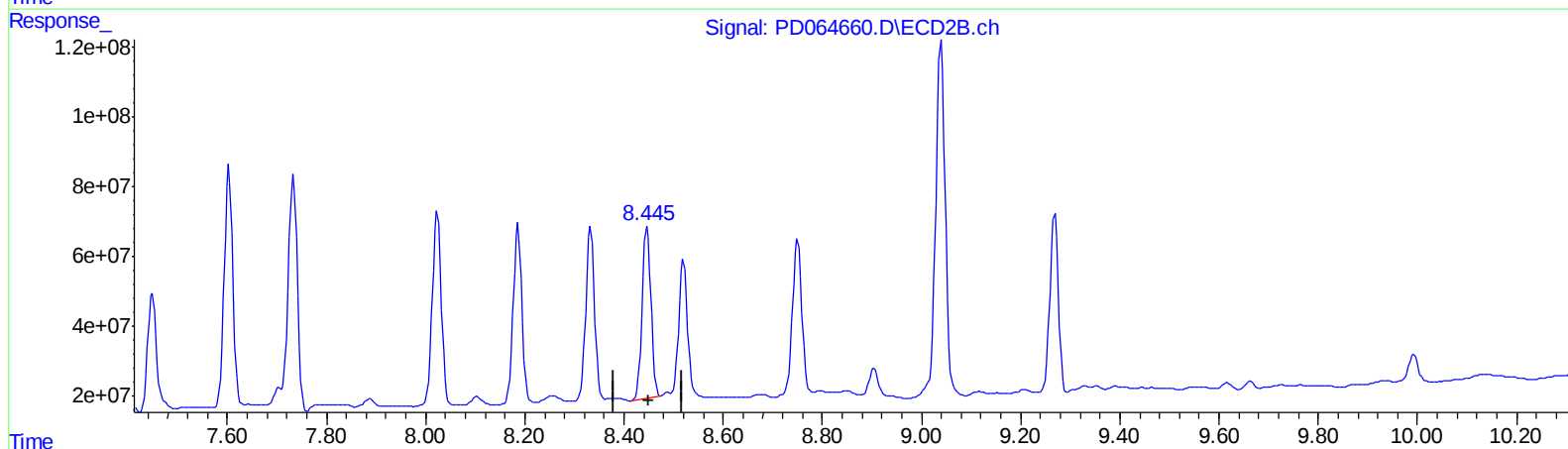
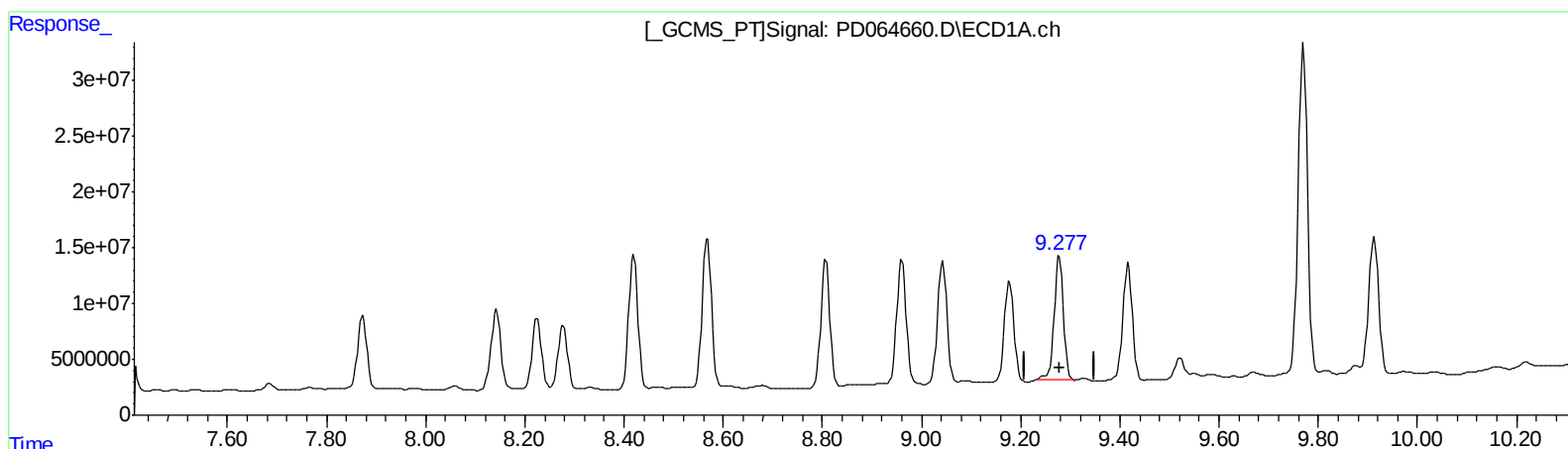
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MS

Manual Integrations  
APPROVED

mohammad  
8/3/2021 3:12:01 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 02:50:37 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 112.092 ng/ml

response 146331602

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

8.445min 110.677 ng/ml m

response 609233504

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
 Data File : PD064660.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2021 14:02  
 Operator : AR\AJ  
 Sample : M3124-07MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleID :  
 C0089MS

Manual Integrations  
 APPROVED

mohammad  
 8/3/2021 3:12:01 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 02:50:37 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...          | 5.405  | 4.618  | 11278335 | 113.6E6  | 9.455   | 12.434 # |
| 27) SA Decachlor...         | 11.304 | 10.361 | 12518325 | 68677720 | 9.510m  | 11.549   |
| Target Compounds            |        |        |          |          |         |          |
| 2) A alpha-BHC              | 5.987  | 5.319  | 106.5E6  | 842.5E6  | 65.377  | 68.355m  |
| 3) MA gamma-BHC...          | 6.384  | 5.740  | 98506535 | 708.4E6  | 62.809  | 62.120   |
| 4) MA Heptachlor            | 7.034  | 6.148  | 95409215 | 690.2E6  | 56.771  | 60.872m  |
| 5) MB Aldrin                | 7.404  | 6.473  | 90105351 | 639.3E6  | 57.204  | 60.771   |
| 6) B beta-BHC               | 6.643  | 6.115  | 41523481 | 312.0E6  | 53.224  | 51.433m  |
| 7) B delta-BHC              | 6.908  | 6.377  | 99398220 | 653.3E6  | 57.120  | 60.134   |
| 8) B Heptachlo...           | 7.873  | 7.047  | 85715355 | 507.8E6  | 49.926  | 54.859   |
| 9) A Endosulfan I           | 8.276  | 7.449  | 75312754 | 424.8E6  | 53.426m | 55.244   |
| 10) B trans-Chl...          | 8.143  | 7.322  | 100.7E6  | 524.2E6  | 62.813  | 57.791   |
| 11) B cis-Chlor...          | 8.223  | 7.392  | 84755379 | 504.3E6  | 54.396m | 56.687   |
| 12) B 4,4'-DDE              | 8.420  | 7.603  | 152.3E6  | 834.0E6  | 105.684 | 110.536  |
| 13) MA Dieldrin             | 8.568  | 7.732  | 172.5E6  | 845.8E6  | 115.662 | 105.302m |
| 14) MA Endrin               | 8.807  | 8.023  | 146.7E6  | 700.6E6  | 114.553 | 121.958  |
| 15) B Endosulfa...          | 9.043  | 8.333  | 141.0E6  | 609.3E6  | 108.557 | 105.558  |
| 16) A 4,4'-DDD              | 8.961  | 8.186  | 146.6E6  | 632.2E6  | 119.397 | 109.770  |
| 17) MA 4,4'-DDT             | 9.278  | 8.445  | 146.3E6  | 609.2E6  | 112.092 | 110.677m |
| 18) B Endrin al...          | 9.178  | 8.520  | 121.2E6  | 458.1E6  | 106.988 | 92.824   |
| 19) B Endosulfa...          | 9.417  | 8.750  | 142.2E6  | 573.1E6  | 103.176 | 106.325  |
| 20) A Methoxychlor          | 9.770  | 9.039  | 383.7E6  | 1327.8E6 | 536.179 | 518.564  |
| 21) B Endrin ke...          | 9.913  | 9.269  | 166.4E6  | 615.6E6  | 110.007 | 102.622  |

AJ  
 08/04/21

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