

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064661.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:18  
Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

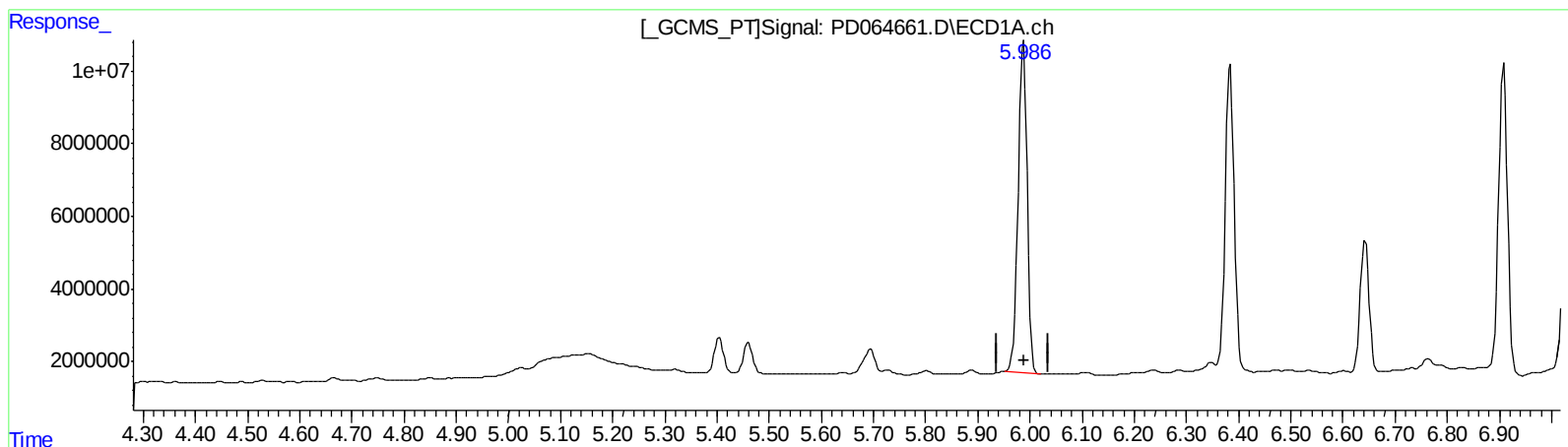
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
APPROVED

mohammad  
8/3/2021 3:12:04 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 06:22:11 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



(2) alpha-BHC (A)

5.987min 67.742 ng/ml

response 110357020

(2) alpha-BHC #2 (A)

5.320min 69.825 ng/ml

response 860625618

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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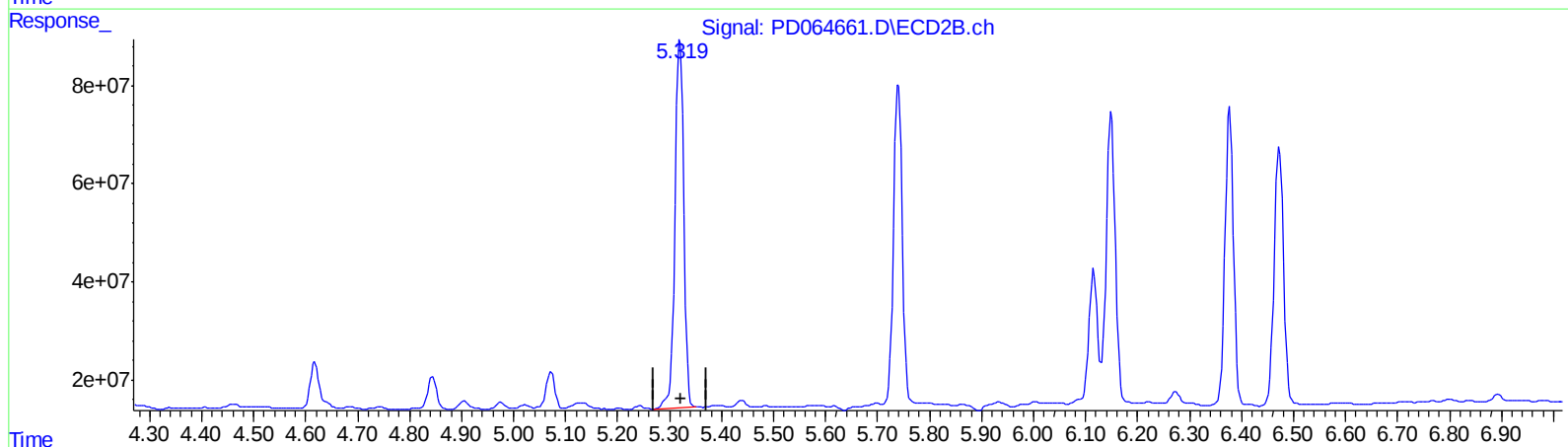
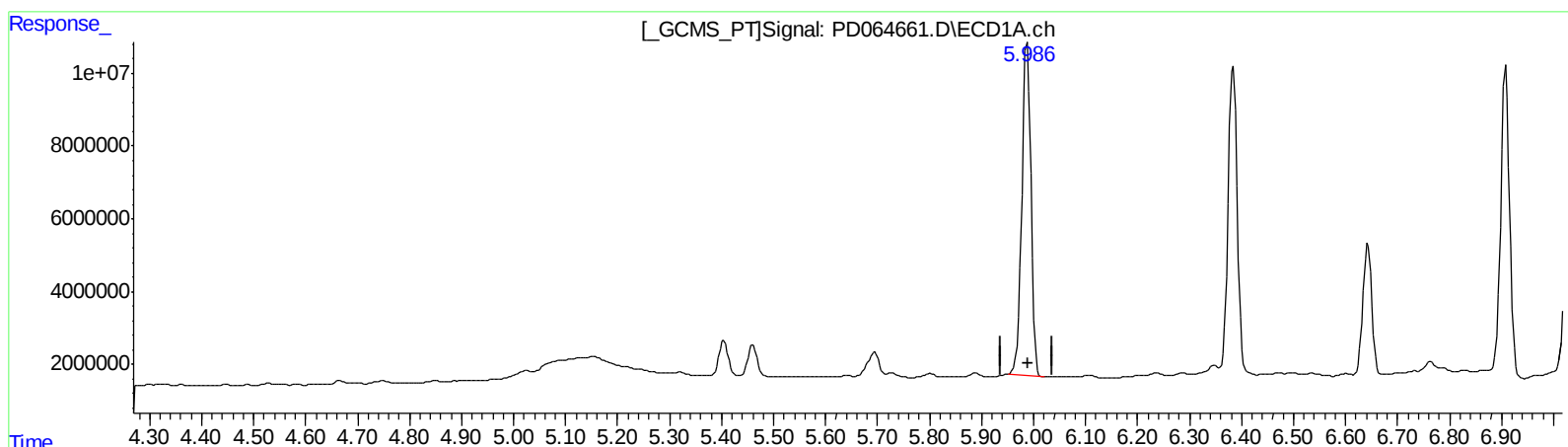
Instrument :  
ECD\_D  
ClientSampleId :  
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Manual Integrations  
APPROVED

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

(2) alpha-BHC (A)

5.987min 67.742 ng/ml

response 110357020

(2) alpha-BHC #2 (A)

5.319min 70.414 ng/ml m

response 867891076

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

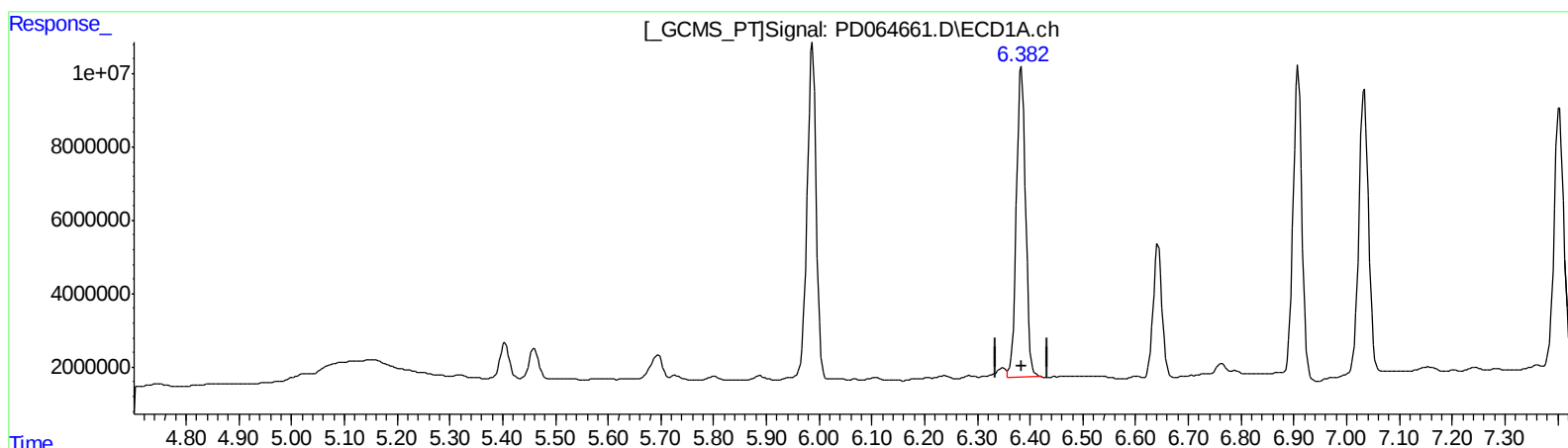
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
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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

(3) gamma-BHC (Lindane) (MA)

6.384min 65.927 ng/ml

response 103397789

(3) gamma-BHC (Lindane) #2 (MA)

5.740min 64.073 ng/ml

response 730658431

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064661.D  
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Acq On : 02 Aug 2021 14:18  
Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

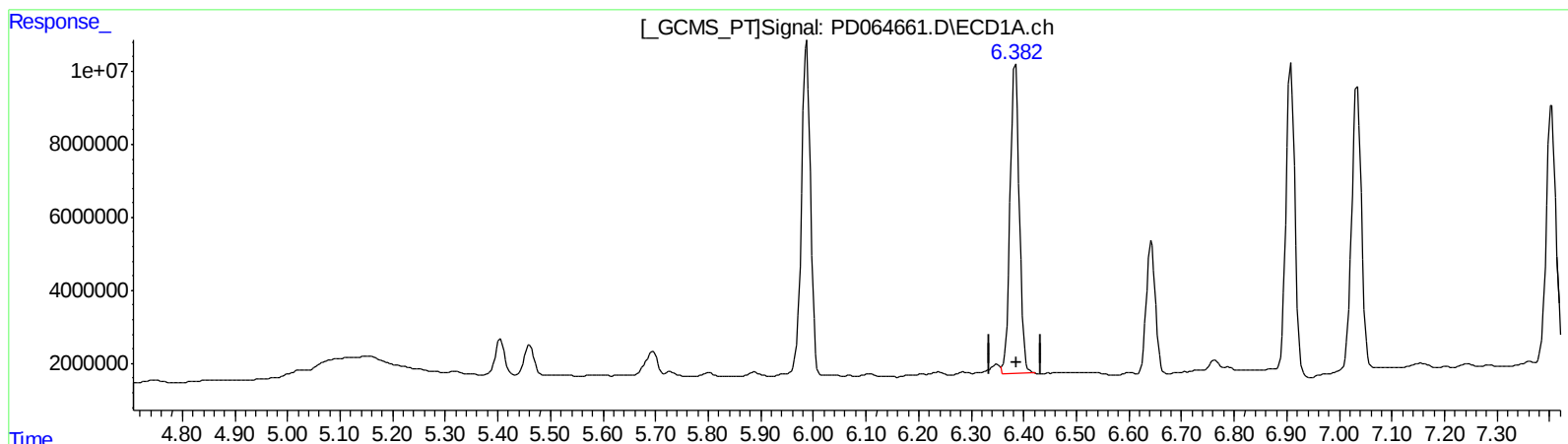
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
APPROVED

mohammad  
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Integration File signal 1: autoint1.e  
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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



(3) gamma-BHC (Lindane) (MA)

6.384min 65.927 ng/ml

response 103397789

(3) gamma-BHC (Lindane) #2 (MA)

5.739min 65.342 ng/ml m

response 745130964

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Acq On : 02 Aug 2021 14:18  
Operator : AR\AJ  
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

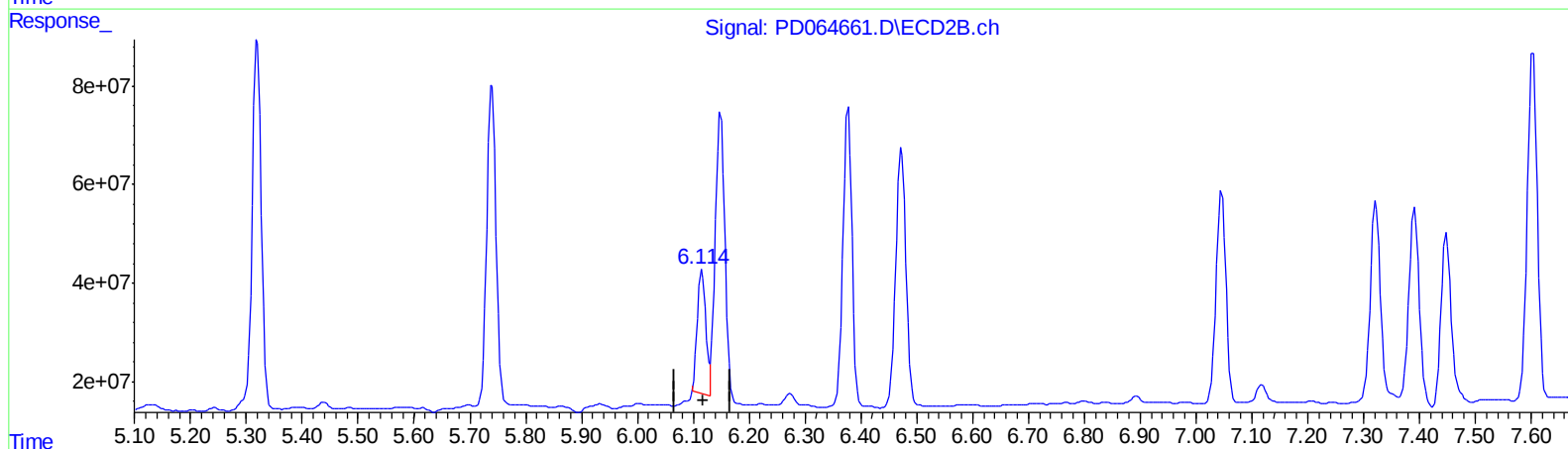
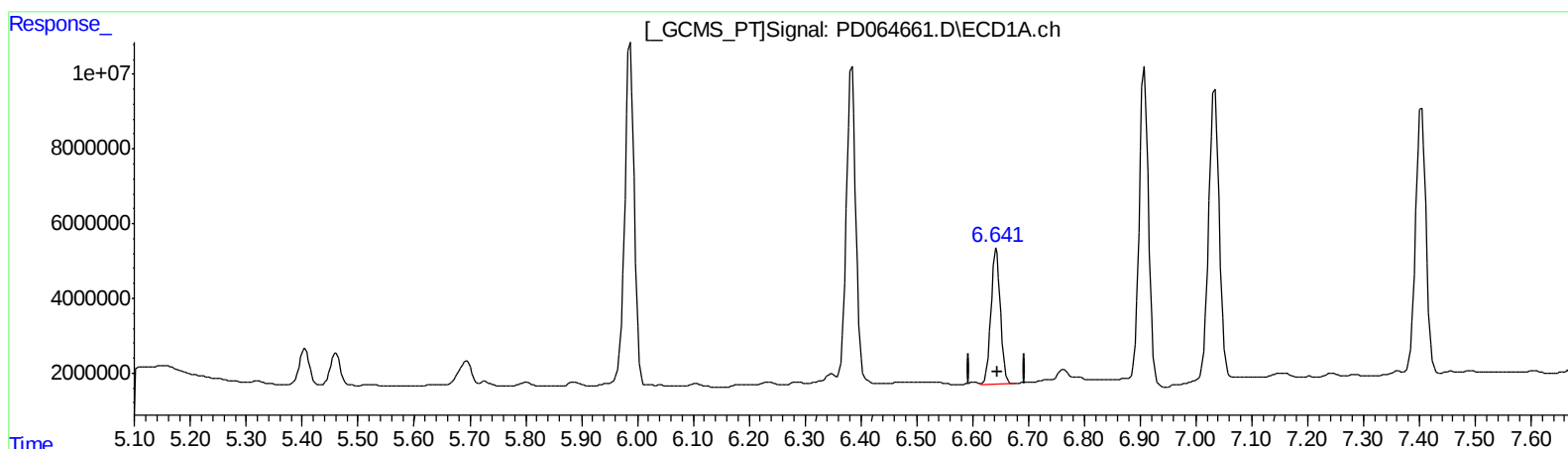
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
APPROVED

mohammad  
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Integration File signal 1: autoint1.e  
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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

(6) beta-BHC (B)

6.643min 55.846 ng/ml

response 43569237

(6) beta-BHC #2 (B)

6.116min 43.351 ng/ml

response 263006494

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

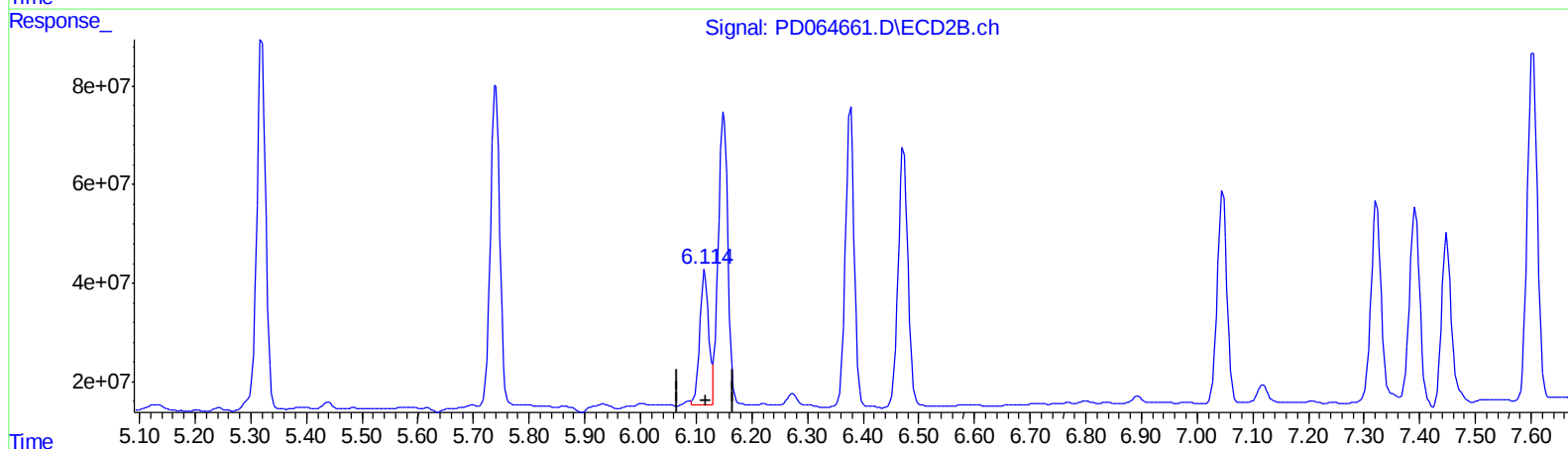
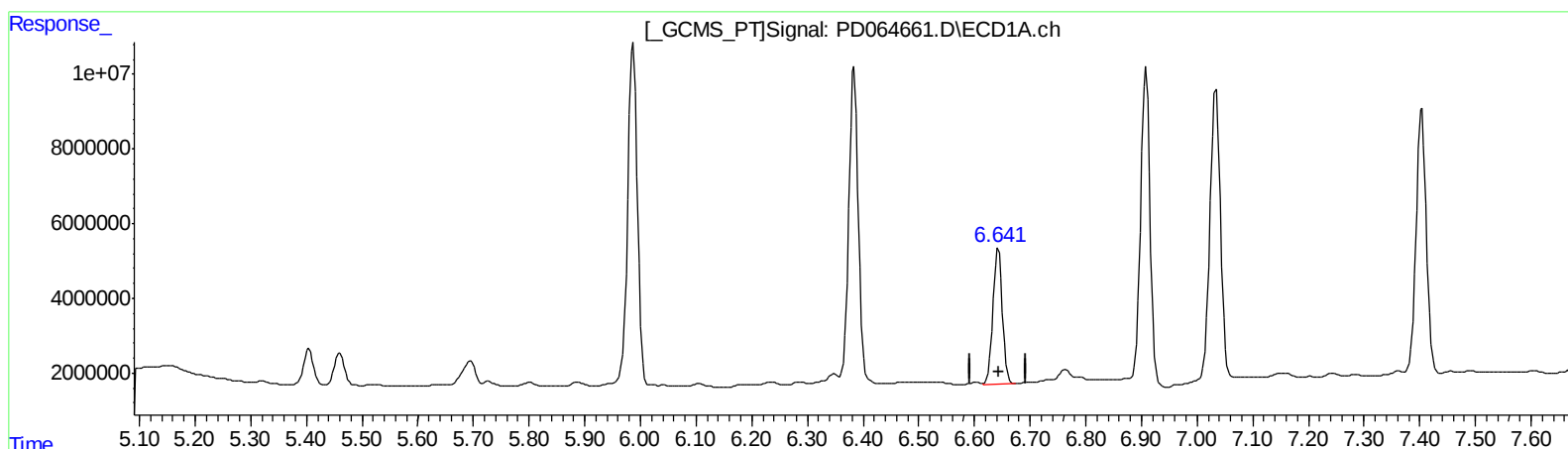
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
APPROVED

mohammad  
8/3/2021 3:12:04 PM

Integration File signal 1: autoint1.e  
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Quant Time: Aug 03 06:22:11 2021  
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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

(6) beta-BHC (B)  
6.643min 55.846 ng/ml  
response 43569237

(6) beta-BHC #2 (B)  
6.114min 49.826 ng/ml m  
response 302286367

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064661.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2021 14:18  
Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

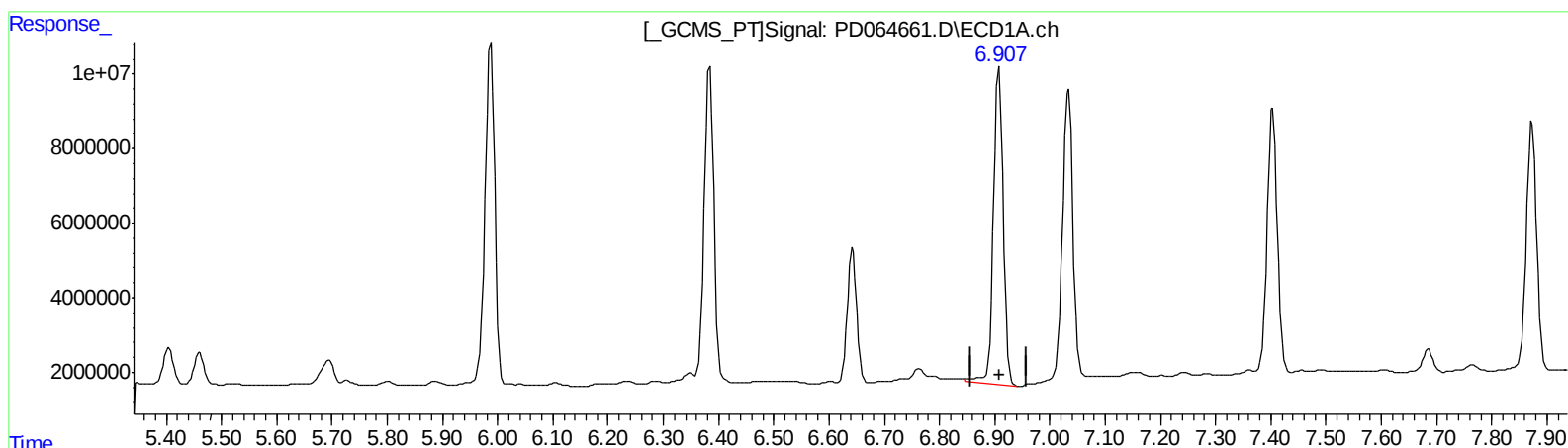
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
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mohammad  
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Integration File signal 1: autoint1.e  
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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



(7) delta-BHC (B)

6.908min 59.688 ng/ml

response 103866903

(7) delta-BHC #2 (B)

6.377min 62.577 ng/ml

response 679815237

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064661.D  
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Acq On : 02 Aug 2021 14:18  
Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

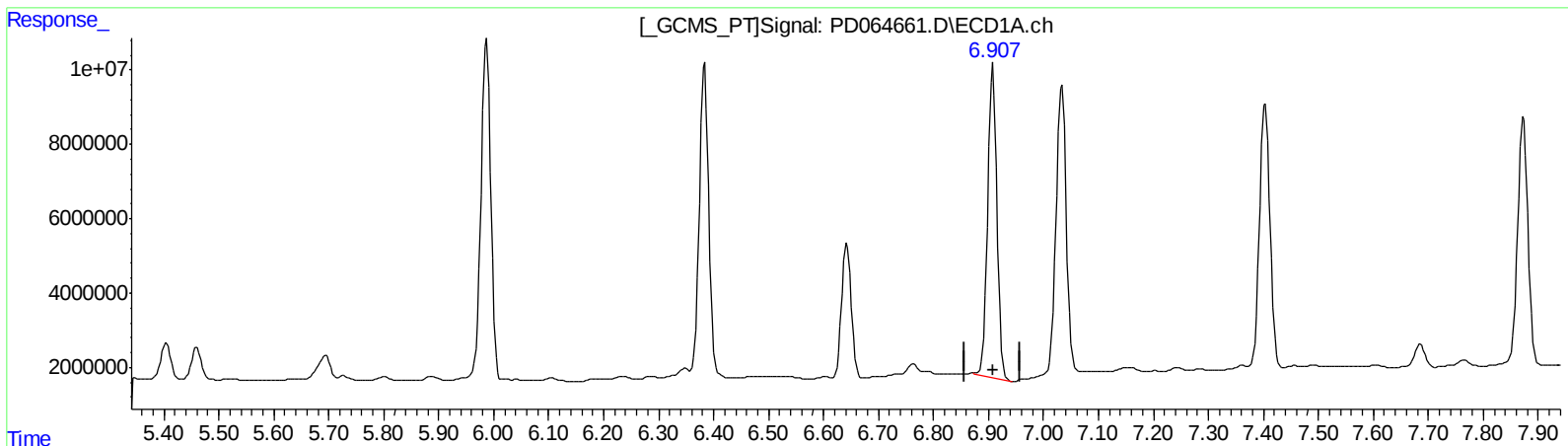
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
APPROVED

mohammad  
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Integration File signal 1: autoint1.e  
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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



(7) delta-BHC (B)  
6.907min 57.861 ng/ml m  
response 100686495

(7) delta-BHC #2 (B)  
6.377min 62.577 ng/ml  
response 679815237

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
Data File : PD064661.D  
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Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

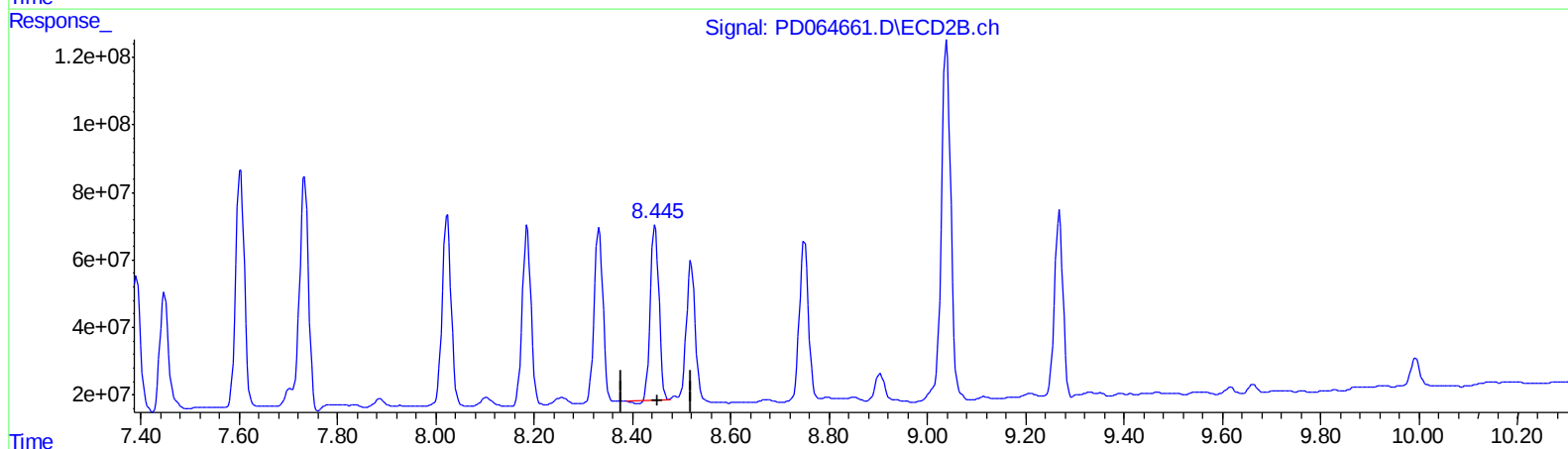
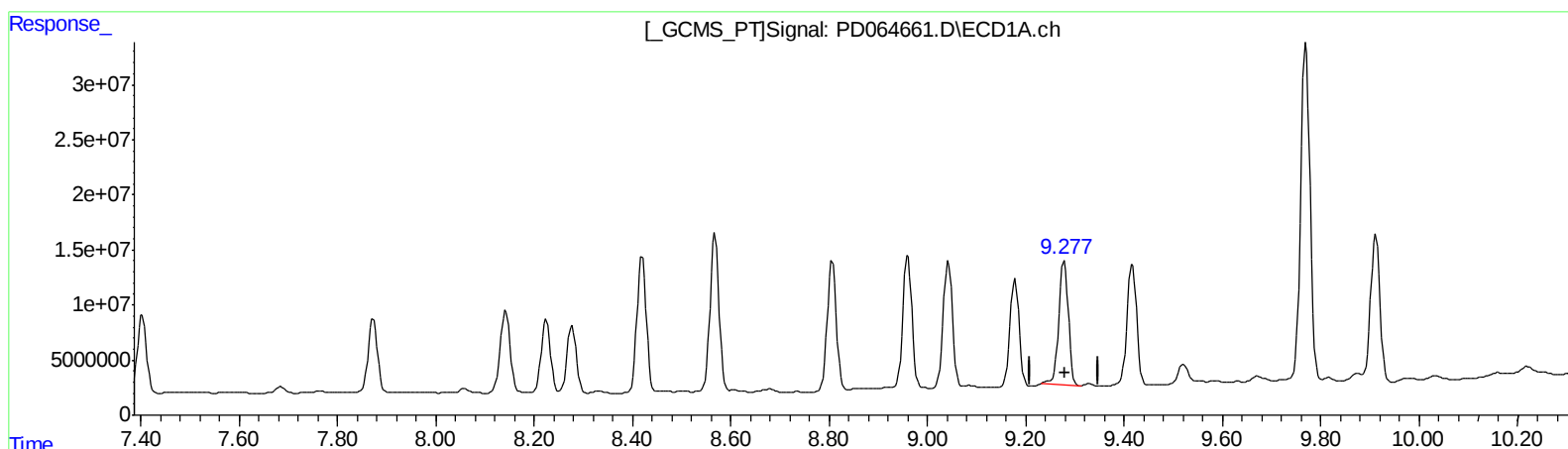
Instrument :  
ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
APPROVED

mohammad  
8/3/2021 3:12:04 PM

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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

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

9.278min 118.355 ng/ml

response 154507443

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

8.446min 114.344 ng/ml

response 629415955

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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Acq On : 02 Aug 2021 14:18  
Operator : AR\AJ  
Sample : M3124-08MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

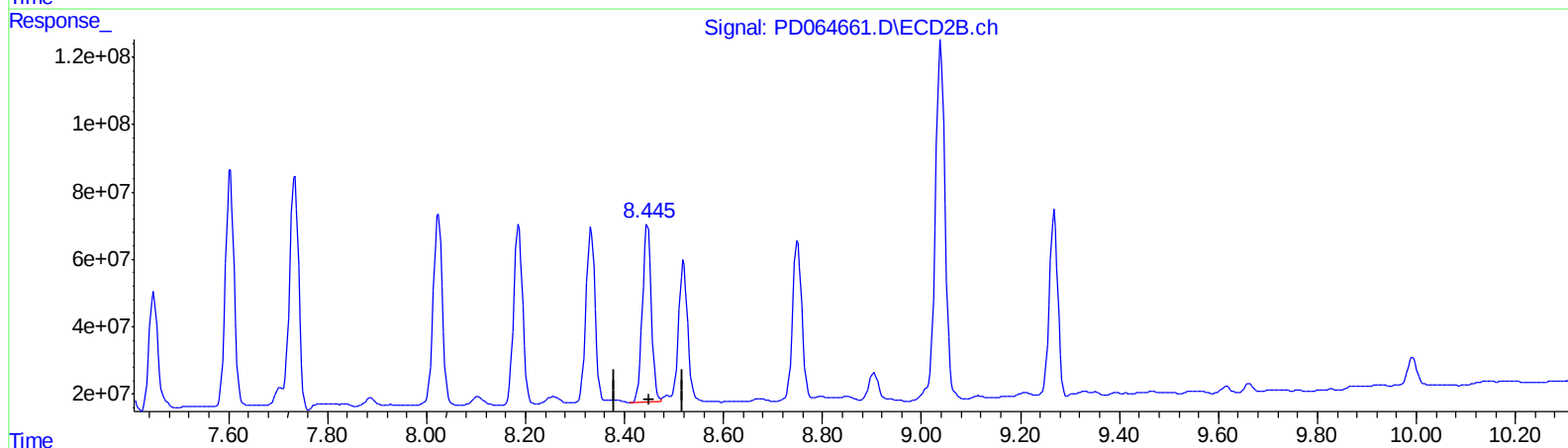
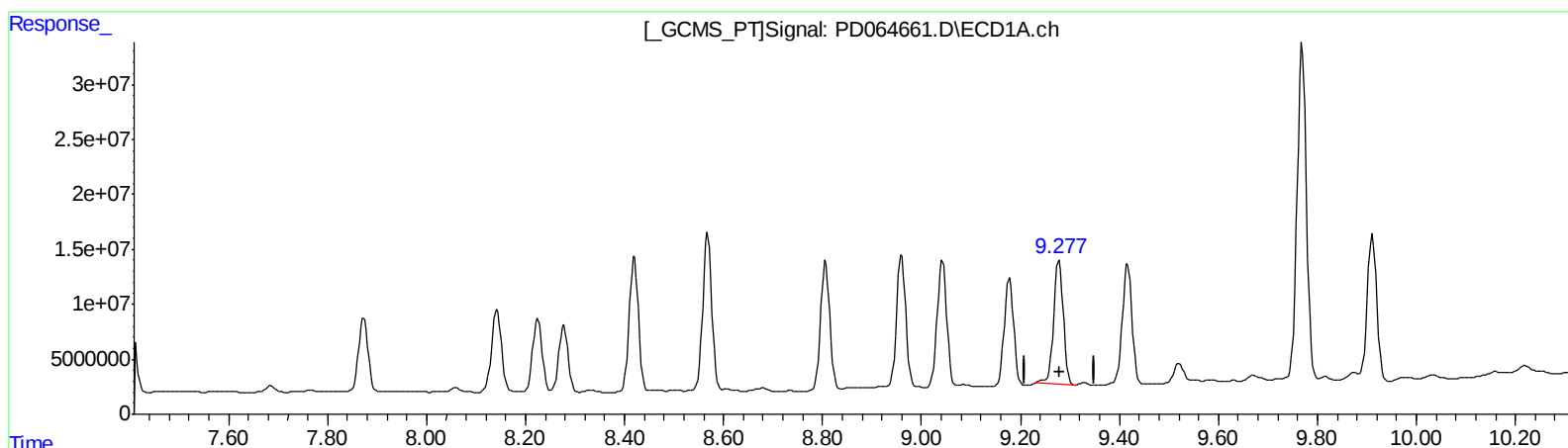
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ECD\_D  
ClientSampleId :  
C0089MSD

Manual Integrations  
APPROVED

mohammad  
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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

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

9.278min 118.355 ng/ml

response 154507443

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

8.445min 121.071 ng/ml m

response 666445349

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080221\  
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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleID :  
 C0089MSD

Manual Integrations  
 APPROVED

mohammad  
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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 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  | 11826394 | 114.4E6  | 9.914   | 12.517 # |
| 27)                         | SA Decachlor... | 11.304 | 10.361 | 16688655 | 81618719 | 12.678  | 13.725   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.987  | 5.319  | 110.4E6  | 867.9E6  | 67.742  | 70.414m  |
| 3)                          | MA gamma-BHC... | 6.384  | 5.739  | 103.4E6  | 745.1E6  | 65.927  | 65.342m  |
| 4)                          | MA Heptachlor   | 7.034  | 6.150  | 99864524 | 688.9E6  | 59.422  | 60.764   |
| 5)                          | MB Aldrin       | 7.404  | 6.473  | 94500287 | 657.5E6  | 59.994  | 62.508   |
| 6)                          | B beta-BHC      | 6.643  | 6.114  | 43569237 | 302.3E6  | 55.846  | 49.826m  |
| 7)                          | B delta-BHC     | 6.907  | 6.377  | 100.7E6  | 679.8E6  | 57.861m | 62.577   |
| 8)                          | B Heptachlo...  | 7.873  | 7.046  | 89806230 | 531.1E6  | 52.309  | 57.376   |
| 9)                          | A Endosulfan I  | 8.277  | 7.449  | 76023724 | 443.8E6  | 53.931  | 57.718   |
| 10)                         | B trans-Chl...  | 8.143  | 7.323  | 105.7E6  | 547.0E6  | 65.948  | 60.304   |
| 11)                         | B cis-Chlor...  | 8.225  | 7.392  | 85217583 | 523.1E6  | 54.693  | 58.803   |
| 12)                         | B 4,4'-DDE      | 8.420  | 7.604  | 160.4E6  | 869.6E6  | 111.280 | 115.248  |
| 13)                         | MA Dieldrin     | 8.568  | 7.734  | 181.6E6  | 891.6E6  | 121.797 | 111.015  |
| 14)                         | MA Endrin       | 8.806  | 8.024  | 153.6E6  | 733.8E6  | 119.944 | 127.738  |
| 15)                         | B Endosulfa...  | 9.042  | 8.333  | 149.3E6  | 648.6E6  | 114.931 | 112.358  |
| 16)                         | A 4,4'-DDD      | 8.960  | 8.186  | 155.5E6  | 663.1E6  | 126.703 | 115.137  |
| 17)                         | MA 4,4'-DDT     | 9.278  | 8.445  | 154.5E6  | 666.4E6  | 118.355 | 121.071m |
| 18)                         | B Endrin al...  | 9.178  | 8.519  | 128.5E6  | 496.5E6  | 113.418 | 100.611  |
| 19)                         | B Endosulfa...  | 9.417  | 8.750  | 151.6E6  | 610.8E6  | 110.009 | 113.321  |
| 20)                         | A Methoxychlor  | 9.769  | 9.039  | 403.3E6  | 1383.8E6 | 563.574 | 540.420  |
| 21)                         | B Endrin ke...  | 9.912  | 9.268  | 178.0E6  | 657.4E6  | 117.627 | 109.598  |
| -----                       |                 |        |        |          |          |         |          |

AT  
 08/04/21

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