

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080621\  
Data File : PD064825.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2021 22:40  
Operator : AR\AJ  
Sample : M3220-03MSD  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

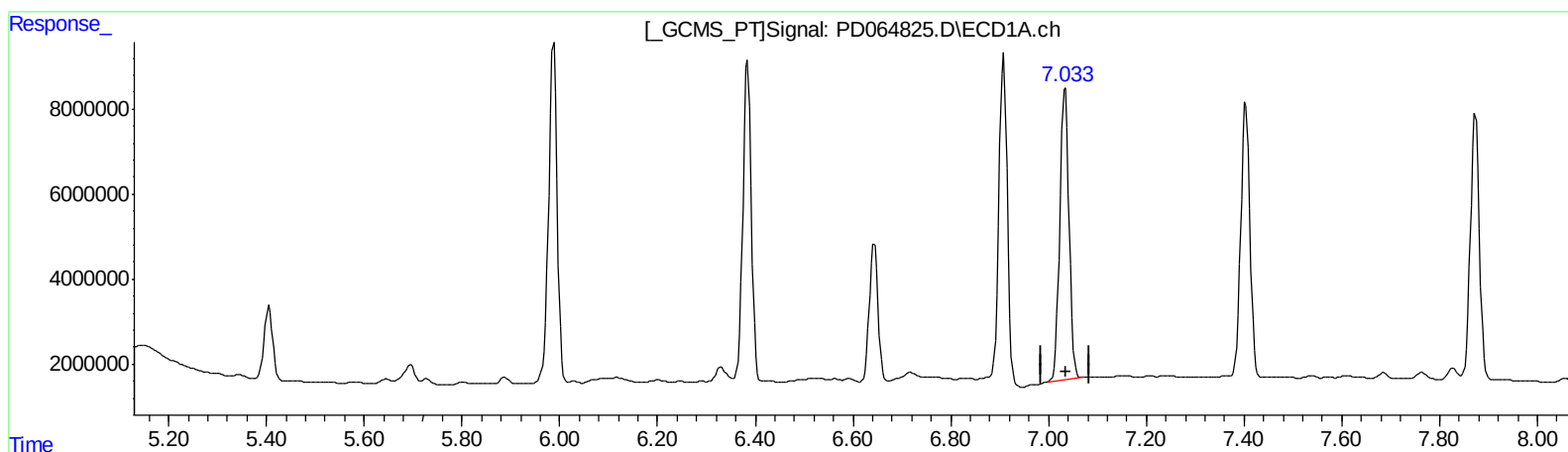
Instrument :  
ECD\_D  
ClientSampleId :  
JCEN1MSD

Manual Integrations  
APPROVED

mohammad  
8/10/2021 4:42:53 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 03:00:49 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



(4) Heptachlor (MA)  
7.034min 53.660 ng/ml  
response 90181354

(4) Heptachlor #2 (MA)  
6.149min 25.237 ng/ml  
response 286135134



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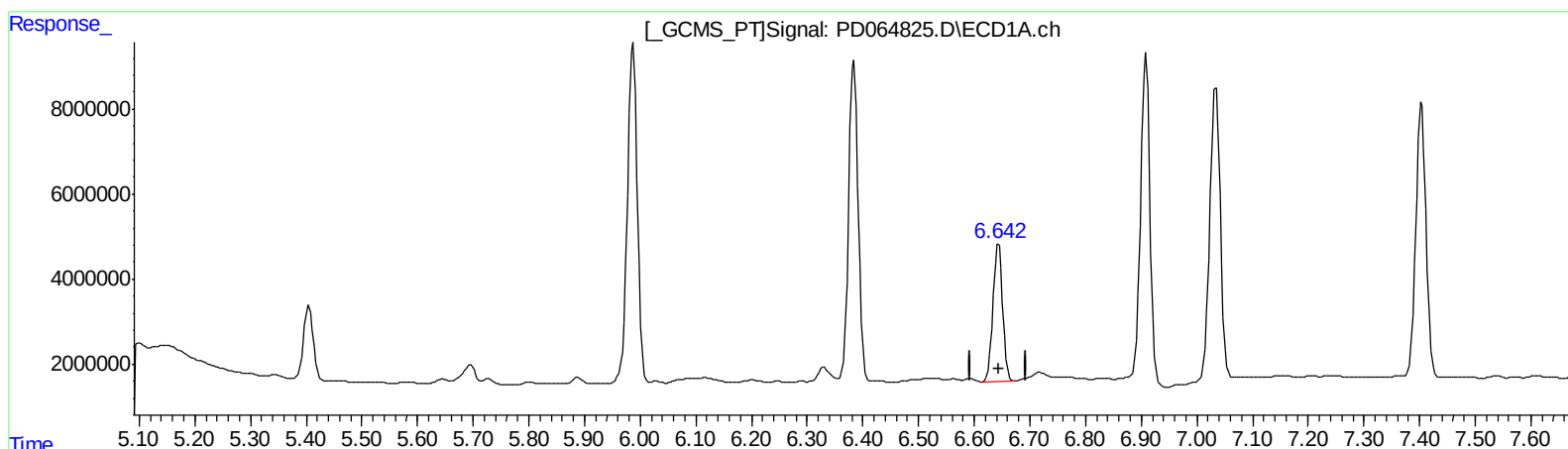
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QEdit

(6) beta-BHC (B)  
6.644min 51.089 ng/ml  
response 39858030

(6) beta-BHC #2 (B)  
6.116min 29.478 ng/ml  
response 178836400

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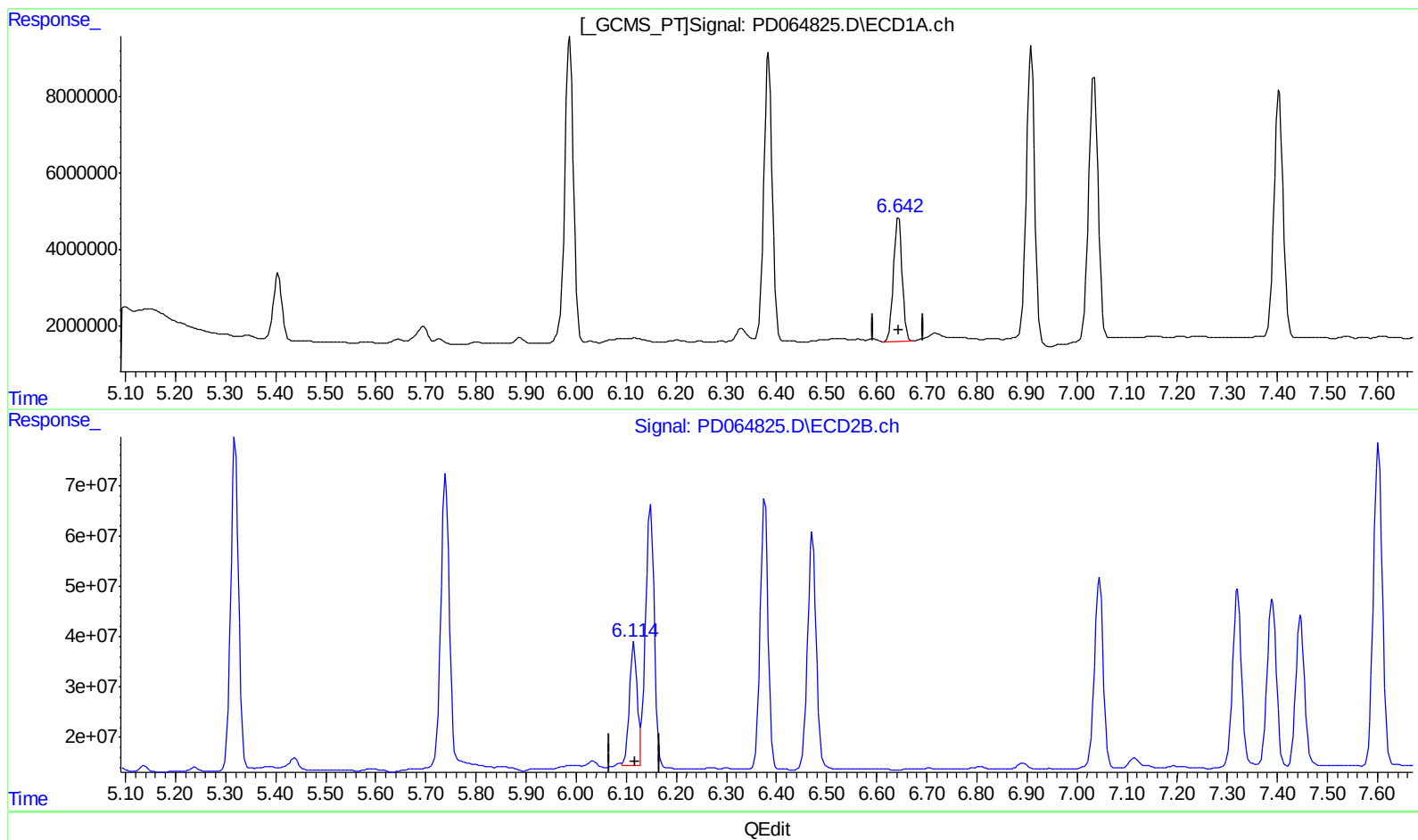
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(6) beta-BHC (B)

6.644min 51.089 ng/ml

response 39858030

(6) beta-BHC #2 (B)

6.114min 46.916 ng/ml m

response 284631434

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Instrument :  
 ECD\_D  
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Manual Integrations  
 APPROVED

mohammad  
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 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  | 4.618  | 21035703 | 187.0E6  | 17.634  | 20.465  |
| 27) SA Decachlor...         | 11.302 | 10.360 | 37468273 | 208.5E6  | 28.463  | 35.054  |
| Target Compounds            |        |        |          |          |         |         |
| 2) A alpha-BHC              | 5.988  | 5.319  | 96954952 | 739.2E6  | 59.515  | 59.975  |
| 3) MA gamma-BHC...          | 6.384  | 5.740  | 90788908 | 663.1E6  | 57.888  | 58.153  |
| 4) MA Heptachlor            | 7.034  | 6.147  | 90181354 | 632.8E6  | 53.660  | 55.813m |
| 5) MB Aldrin                | 7.404  | 6.472  | 85243297 | 578.6E6  | 54.117  | 55.005  |
| 6) B beta-BHC               | 6.644  | 6.114  | 39858030 | 284.6E6  | 51.089  | 46.916m |
| 7) B delta-BHC              | 6.908  | 6.377  | 93932314 | 599.7E6  | 53.979  | 55.204  |
| 8) B Heptachlo...           | 7.873  | 7.045  | 79868808 | 461.5E6  | 46.521  | 49.852  |
| 9) A Endosulfan I           | 8.277  | 7.447  | 70415359 | 374.3E6  | 49.952  | 48.679  |
| 10) B trans-Chl...          | 8.144  | 7.321  | 86893187 | 448.8E6  | 54.225  | 49.480  |
| 11) B cis-Chlor...          | 8.225  | 7.390  | 76518224 | 423.9E6  | 49.110  | 47.648  |
| 12) B 4,4'-DDE              | 8.420  | 7.602  | 155.2E6  | 790.5E6  | 107.682 | 104.772 |
| 13) MA Dieldrin             | 8.568  | 7.732  | 164.4E6  | 793.0E6  | 110.242 | 98.728  |
| 14) MA Endrin               | 8.807  | 8.022  | 141.6E6  | 637.8E6  | 110.626 | 111.034 |
| 15) B Endosulfa...          | 9.043  | 8.331  | 134.9E6  | 568.8E6  | 103.897 | 98.541  |
| 16) A 4,4'-DDD              | 8.960  | 8.185  | 137.4E6  | 563.1E6  | 111.944 | 97.762  |
| 17) MA 4,4'-DDT             | 9.278  | 8.445  | 146.7E6  | 590.2E6  | 112.370 | 107.219 |
| 18) B Endrin al...          | 9.178  | 8.518  | 120.4E6  | 462.4E6  | 106.237 | 93.683  |
| 19) B Endosulfa...          | 9.416  | 8.749  | 138.4E6  | 510.6E6  | 100.390 | 94.722  |
| 20) A Methoxychlor          | 9.769  | 9.038  | 371.3E6  | 1185.8E6 | 518.952 | 463.099 |
| 21) B Endrin ke...          | 9.912  | 9.268  | 158.4E6  | 584.1E6  | 104.684 | 97.372  |
| -----                       |        |        |          |          |         |         |

AJ  
 08/13/21

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