

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD041019\  
Data File : PD052814.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Apr 2019 9:37  
Operator : AJ\SJ  
Sample : PEM40  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

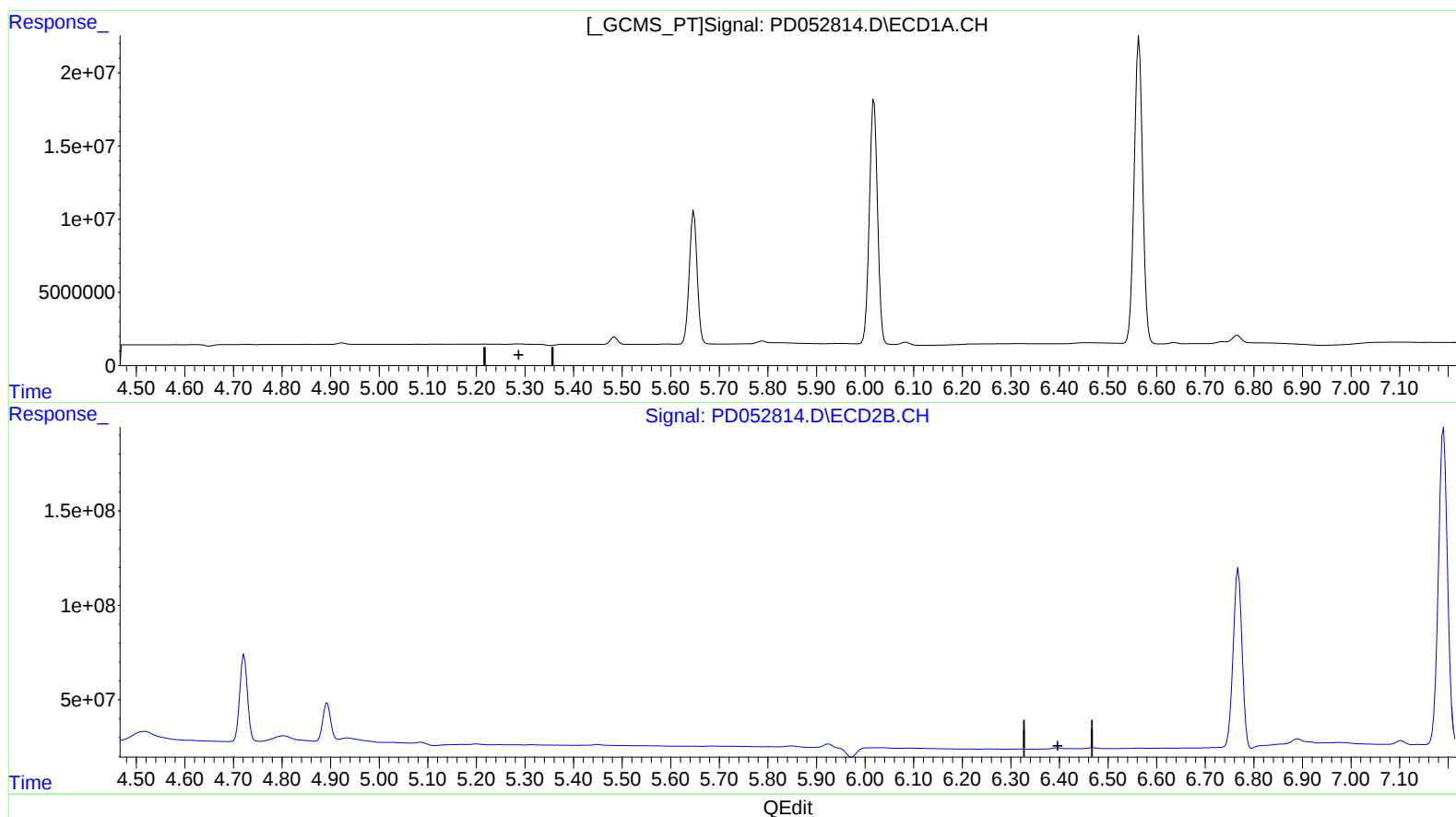
Instrument :  
ECD\_D  
LabSampleId :  
PEM40

Manual Integrations  
APPROVED

mohammad  
4/11/2019 3:52:58 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 11 06:46:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD040819CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 09 07:32:05 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



(12) 4,4'-DDE (B)  
0.000min 0.000 ng/ml  
response 0

(12) 4,4'-DDE #2 (B)  
0.000min 0.000 ng/ml  
response 0

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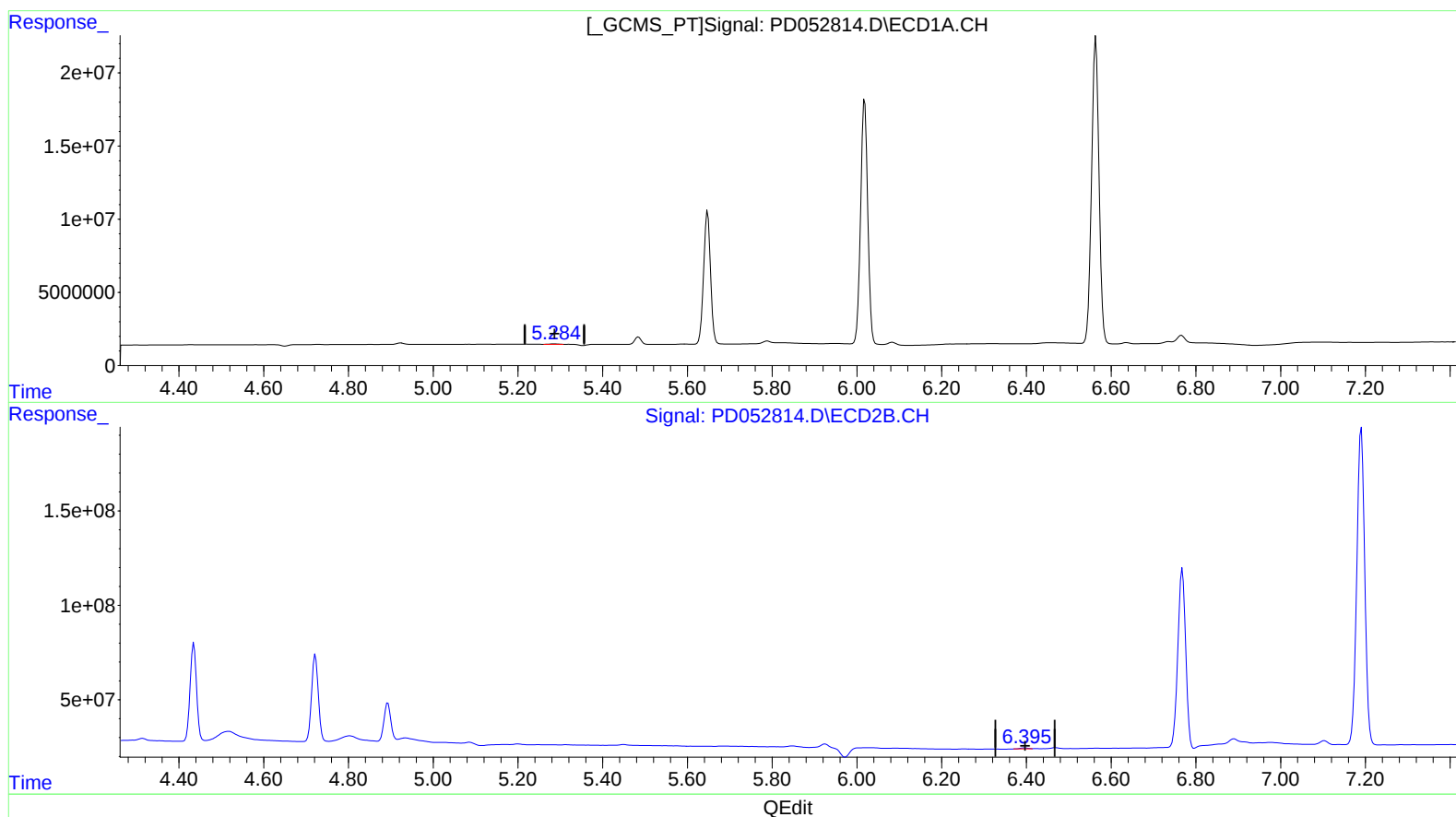
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(12) 4,4'-DDE (B)  
5.284min 0.154 ng/ml m  
response 332976

(12) 4,4'-DDE #2 (B)  
6.395min 0.181 ng/ml m  
response 5934177

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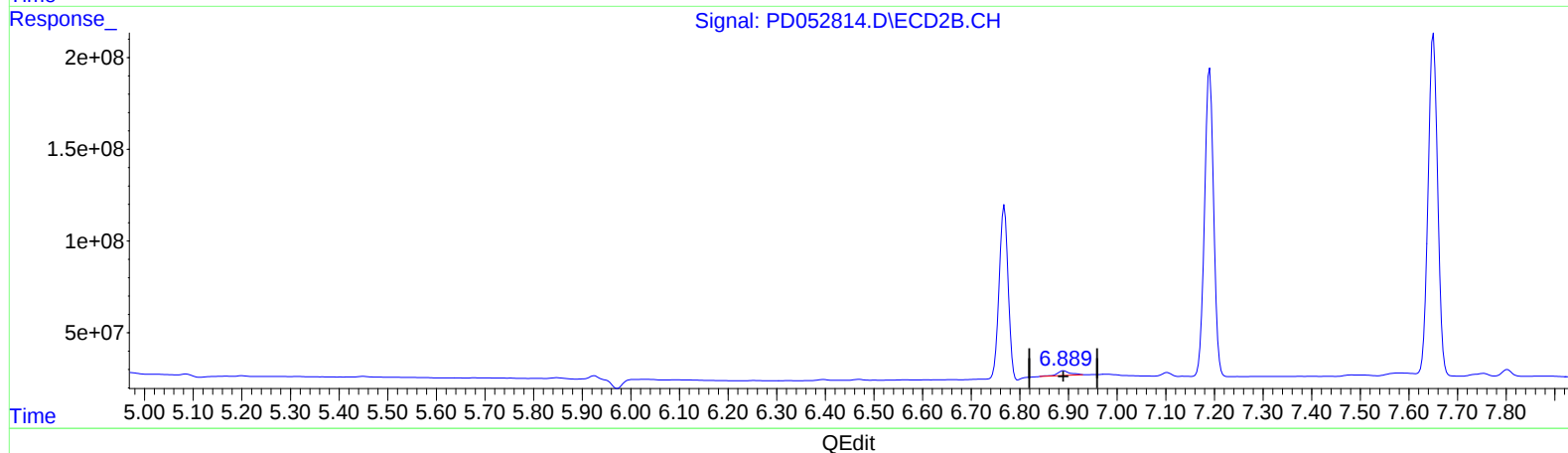
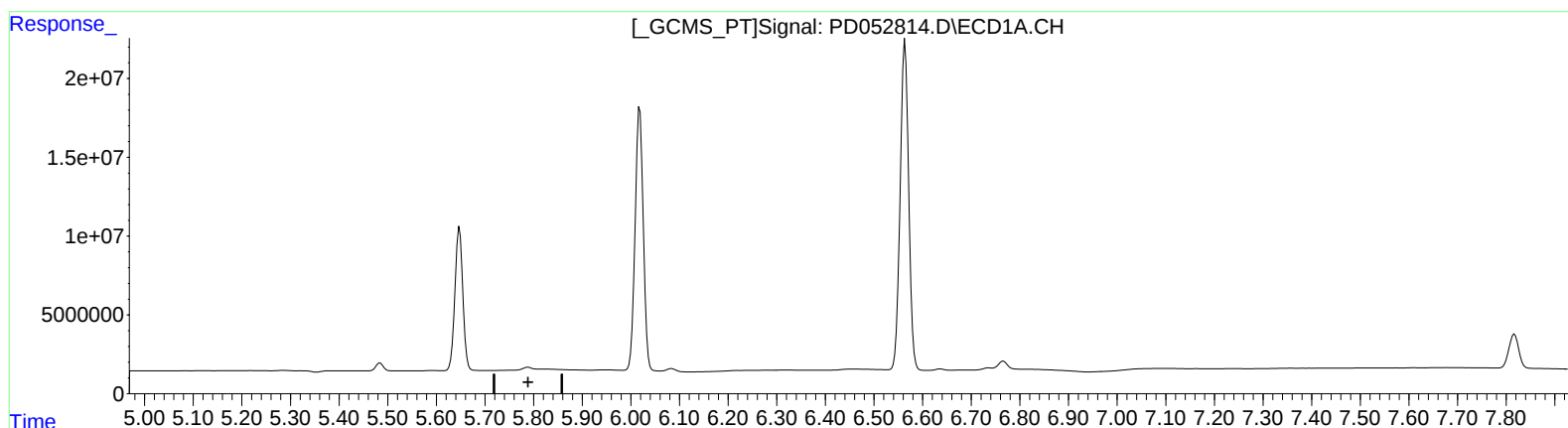
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(16) 4,4'-DDD (A)  
0.000min 0.000 ng/ml  
response 0

(16) 4,4'-DDD #2 (A)  
6.890min 1.947 ng/ml  
response 48581975

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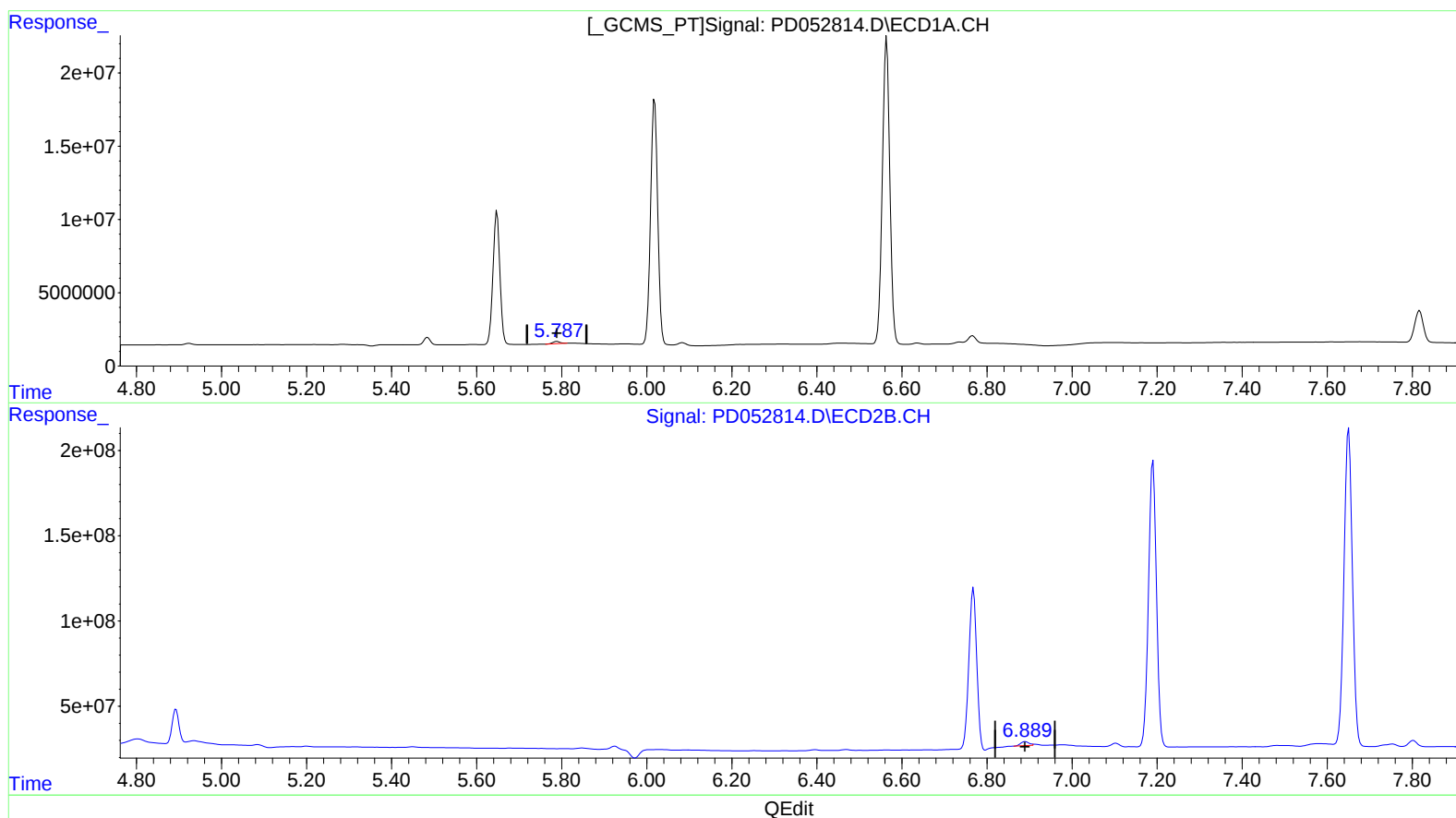
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(16) 4,4'-DDD (A)  
5.787min 0.988 ng/ml m  
response 1777429

(16) 4,4'-DDD #2 (A)  
6.889min 1.353 ng/ml m  
response 33771085

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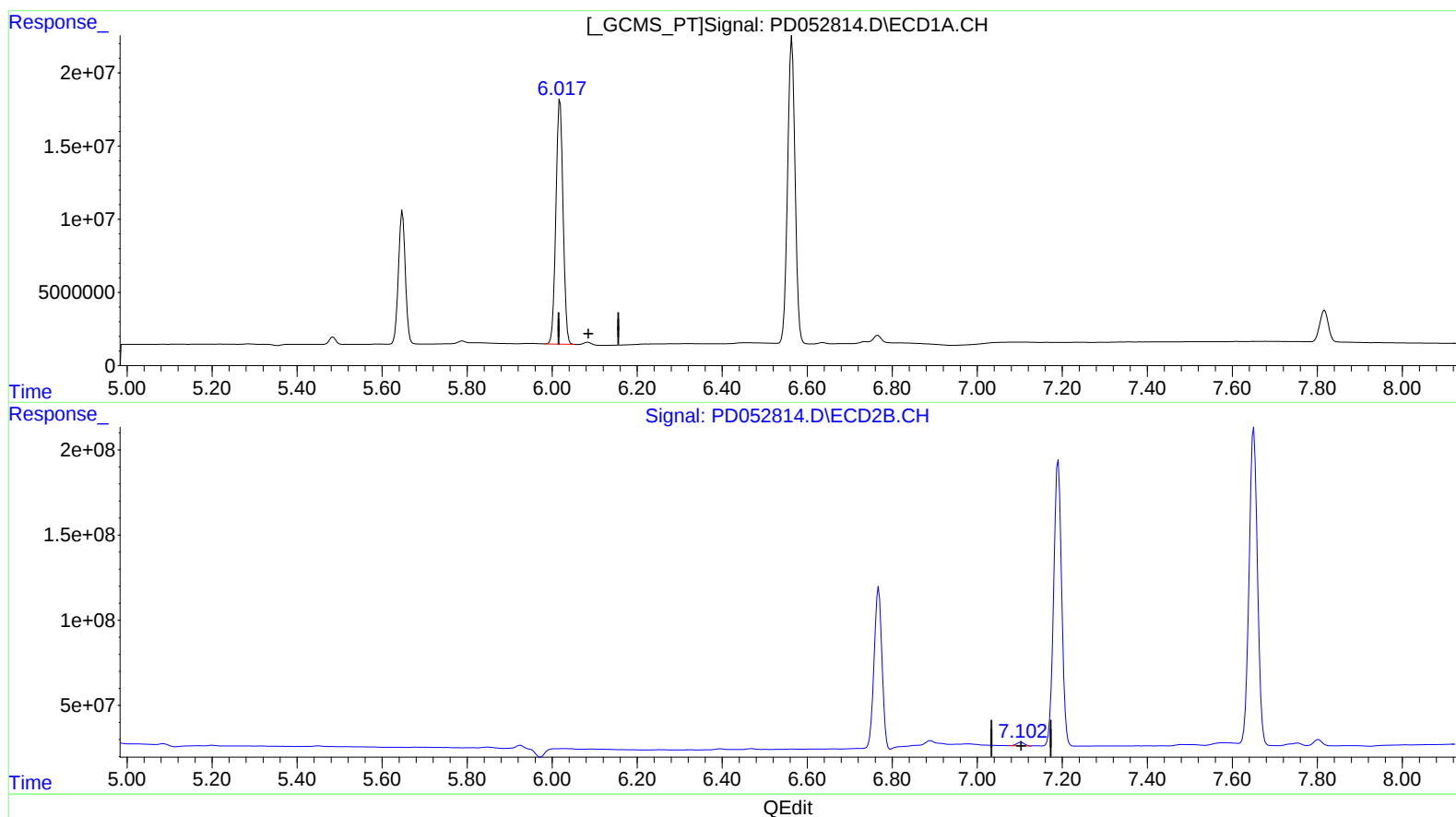
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.018min 121.972 ng/ml

response 195285624

(18) Endrin aldehyde #2 (B)

7.103min 1.219 ng/ml

response 25980301

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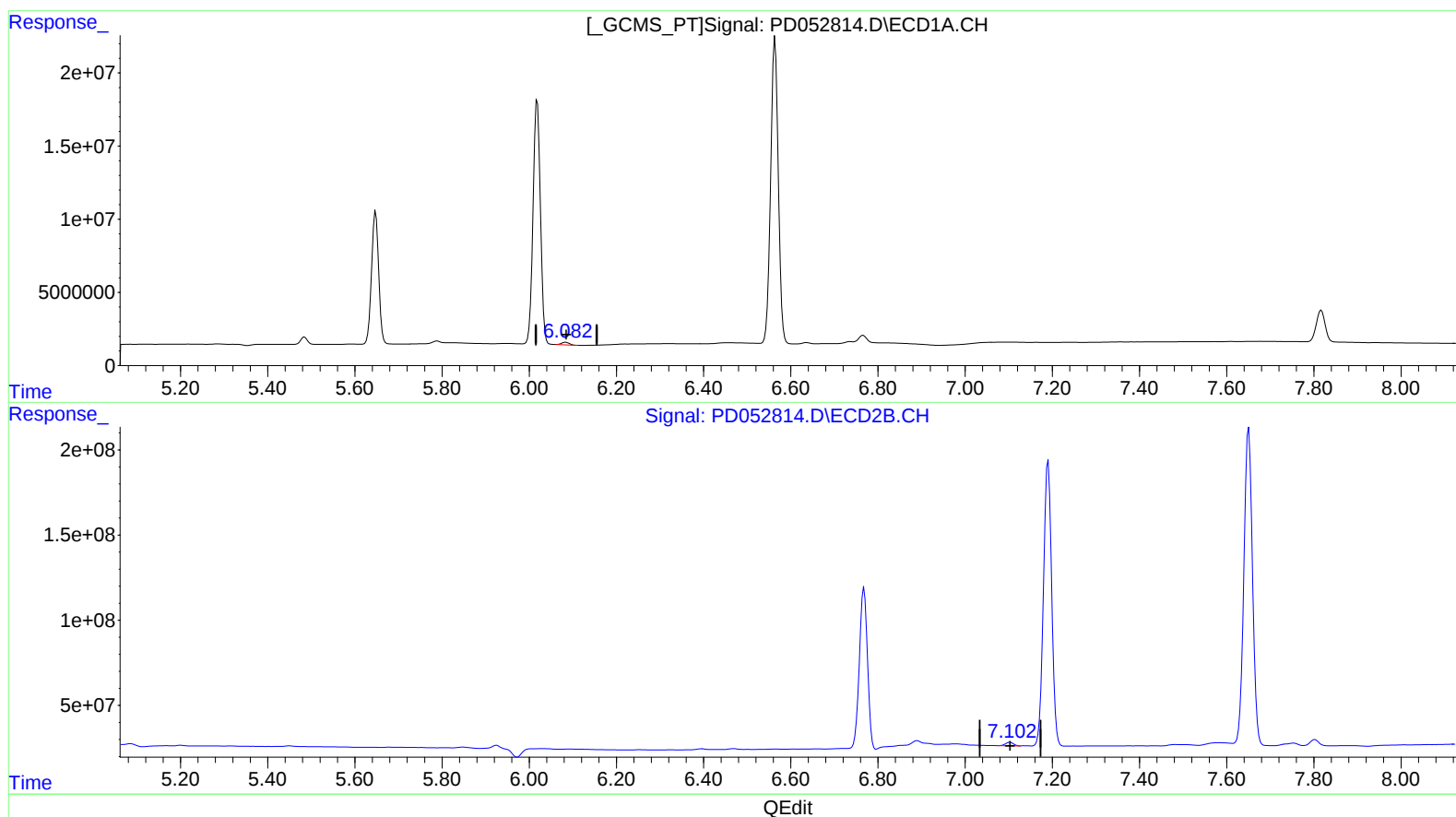
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(18) Endrin aldehyde (B)

6.082min 1.360 ng/ml m

response 2177607

(18) Endrin aldehyde #2 (B)

7.103min 1.219 ng/ml

response 25980301

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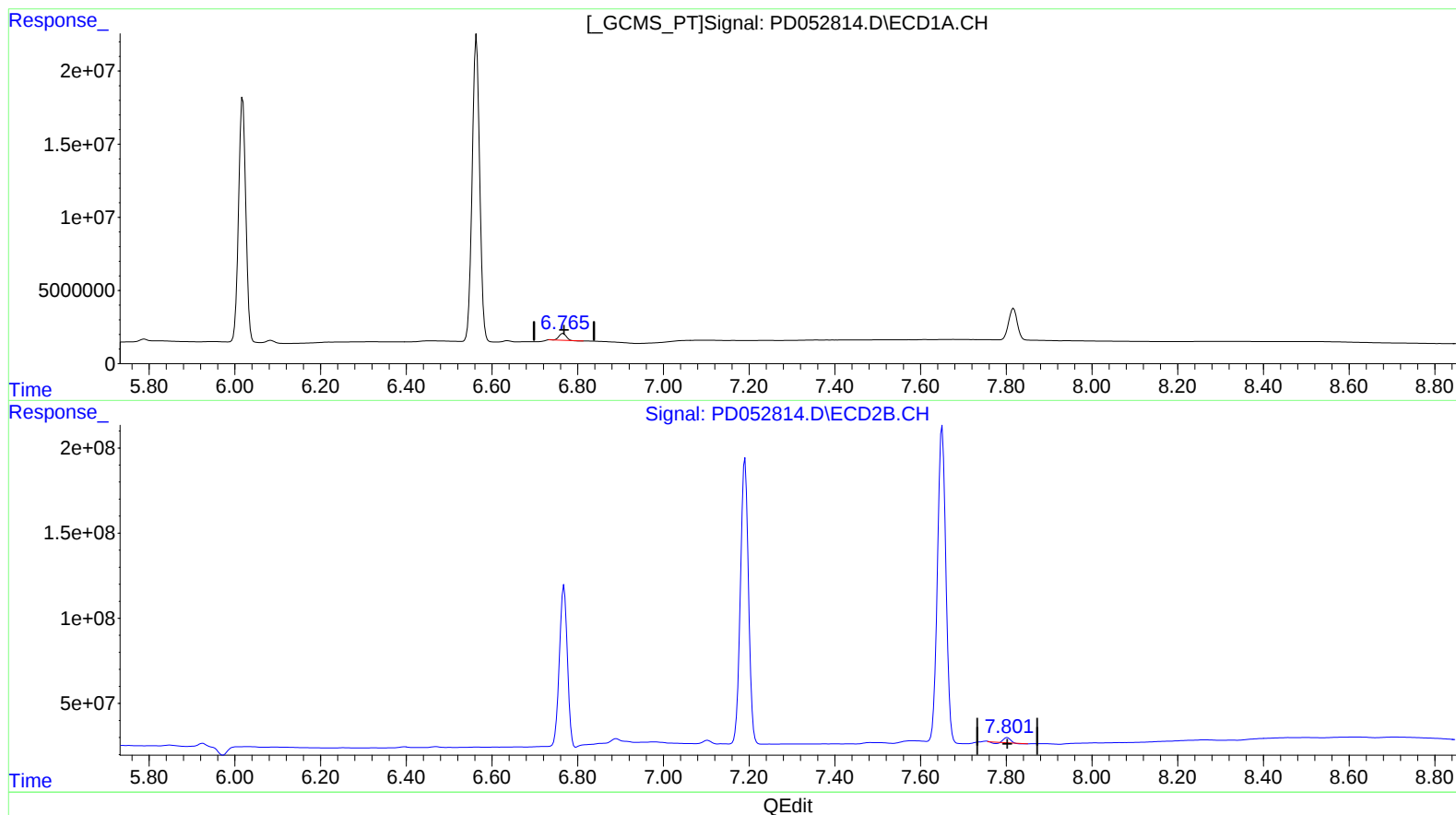
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

6.766min 2.830 ng/ml

response 5556359

(21) Endrin ketone #2 (B)

7.803min 1.215 ng/ml

response 23830917

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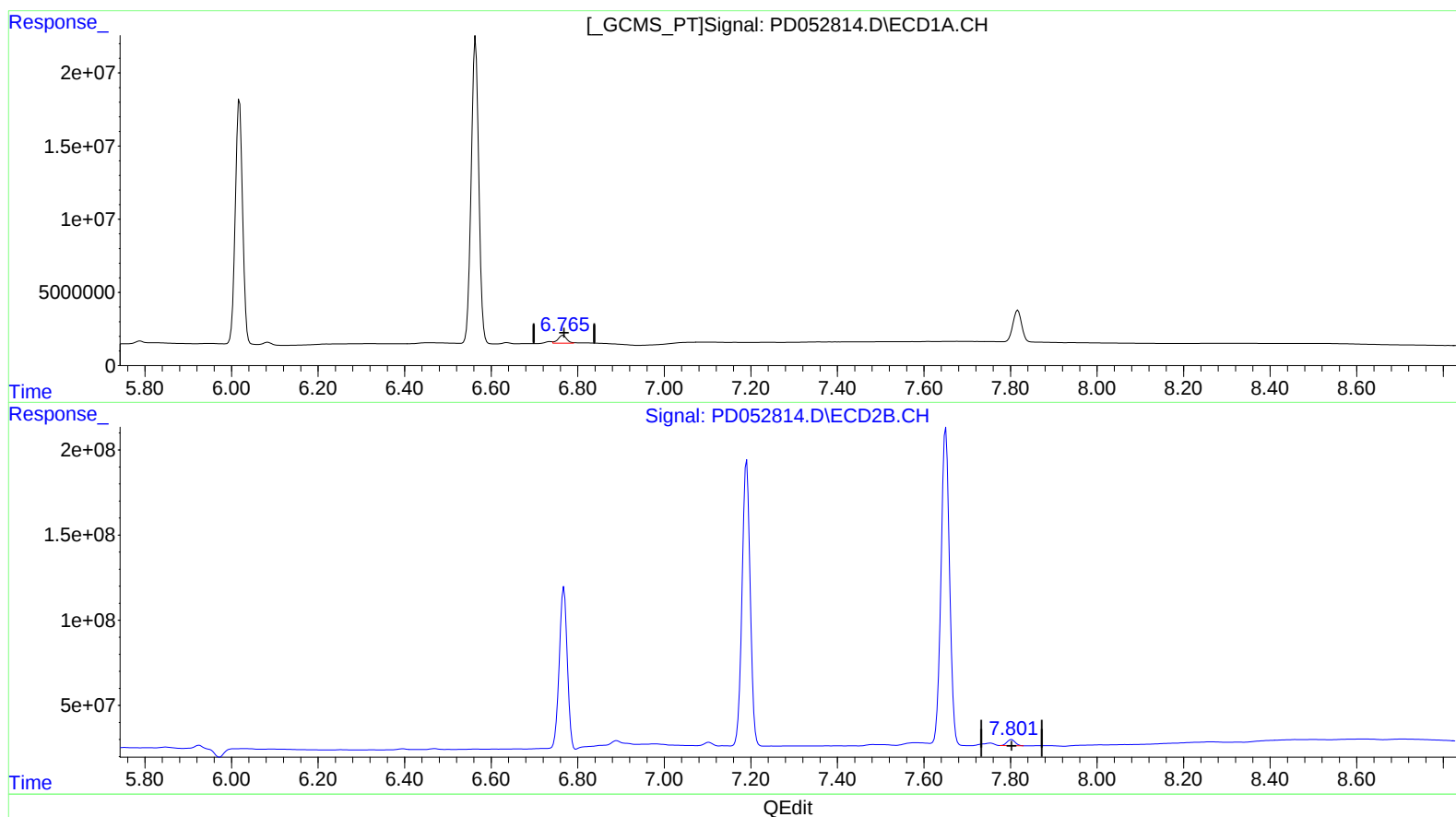
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)  
6.765min 3.825 ng/ml m  
response 7509784

(21) Endrin ketone #2 (B)  
7.801min 2.446 ng/ml m  
response 47957140

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 Operator : AJ\SJ  
 Sample : PEM40  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 LabSampleId :  
 PEM40

Manual Integrations  
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| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

## System Monitoring Compounds

|                     |       |       |          |         |        |        |
|---------------------|-------|-------|----------|---------|--------|--------|
| 1) SA Tetrachlo...  | 3.220 | 4.042 | 33717657 | 706.8E6 | 22.146 | 22.333 |
| 27) SA Decachlor... | 7.817 | 9.163 | 30498625 | 295.2E6 | 21.631 | 20.474 |

## Target Compounds

|                    |       |       |          |          |         |         |
|--------------------|-------|-------|----------|----------|---------|---------|
| 2) A alpha-BHC     | 3.639 | 4.435 | 25364890 | 551.1E6  | 10.513  | 11.588  |
| 3) MA gamma-BHC... | 3.908 | 4.722 | 26687099 | 505.1E6  | 10.930  | 11.755  |
| 6) B beta-BHC      | 4.154 | 4.893 | 11387765 | 225.5E6  | 10.977  | 11.532  |
| 12) B 4,4'-DDE     | 5.284 | 6.395 | 332976   | 5934177  | 0.154m  | 0.181m  |
| 14) MA Endrin      | 5.648 | 6.768 | 102.6E6  | 1217.7E6 | 51.583  | 48.173  |
| 16) A 4,4'-DDD     | 5.787 | 6.889 | 1777429  | 33771085 | 0.988m  | 1.353m# |
| 17) MA 4,4'-DDT    | 6.018 | 7.191 | 195.3E6  | 2186.4E6 | 118.203 | 111.184 |
| 18) B Endrin al... | 6.082 | 7.103 | 2177607  | 25980301 | 1.360m  | 1.219   |
| 20) A Methoxychlor | 6.564 | 7.651 | 254.5E6  | 2533.4E6 | 257.091 | 266.816 |
| 21) B Endrin ke... | 6.765 | 7.801 | 7509784  | 47957140 | 3.825m  | 2.446m# |

AJ  
 04/12/19

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