

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071422\  
 Data File : PD070867.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jul 2022 18:39  
 Operator : AR\AJ  
 Sample : RESC033  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 RESC035

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 14 07:26:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 14 05:14:58 2022  
 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

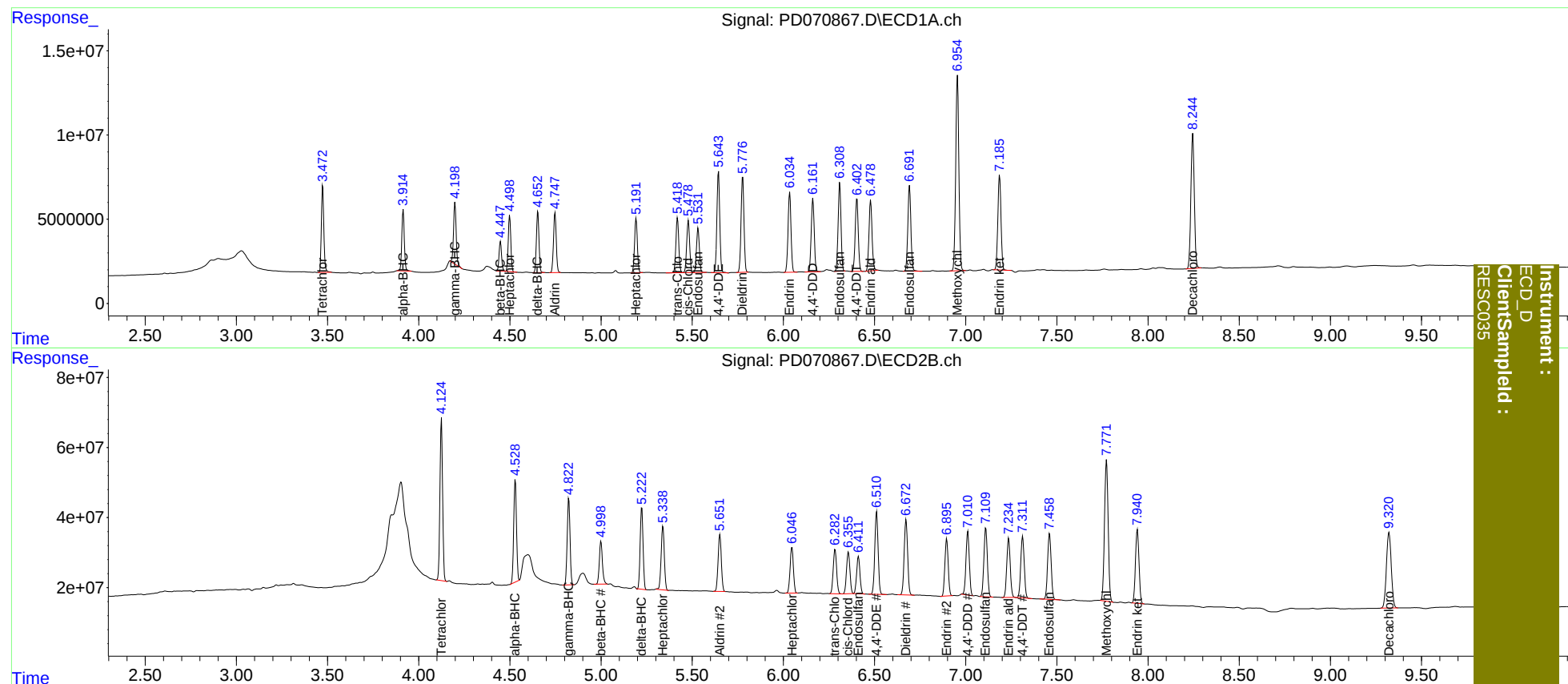
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|---------|
| -----                       |                 |       |       |          |         |         |         |
| System Monitoring Compounds |                 |       |       |          |         |         |         |
| 1)                          | SA Tetrachlo... | 3.474 | 4.125 | 48398566 | 467.3E6 | 20.115  | 19.913  |
| 27)                         | SA Decachlor... | 8.245 | 9.322 | 104.4E6  | 397.8E6 | 41.109  | 43.069  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 3.915 | 4.530 | 34838456 | 309.3E6 | 9.287   | 10.248  |
| 3)                          | MA gamma-BHC... | 4.199 | 4.823 | 36287521 | 266.9E6 | 9.968   | 10.313  |
| 4)                          | MA Heptachlor   | 4.499 | 5.340 | 32503038 | 219.7E6 | 9.328   | 10.960  |
| 5)                          | MB Aldrin       | 4.748 | 5.652 | 37338546 | 200.4E6 | 10.333  | 11.514  |
| 6)                          | B beta-BHC      | 4.449 | 5.000 | 16683654 | 143.6E6 | 10.649  | 10.739  |
| 7)                          | B delta-BHC     | 4.654 | 5.224 | 35524066 | 256.8E6 | 10.197  | 11.321  |
| 8)                          | B Heptachlo...  | 5.193 | 6.047 | 34434990 | 165.0E6 | 10.342  | 11.113  |
| 9)                          | A Endosulfan I  | 5.532 | 6.412 | 28935228 | 134.3E6 | 9.599   | 10.131  |
| 10)                         | B trans-Chl...  | 5.419 | 6.284 | 35681078 | 164.6E6 | 10.252  | 10.931  |
| 11)                         | B cis-Chlor...  | 5.479 | 6.357 | 34872095 | 155.3E6 | 10.204  | 10.752  |
| 12)                         | B 4,4'-DDE      | 5.645 | 6.512 | 65463766 | 299.4E6 | 20.346  | 21.830  |
| 13)                         | MA Dieldrin     | 5.777 | 6.673 | 63084839 | 283.2E6 | 18.838  | 20.451  |
| 14)                         | MA Endrin       | 6.035 | 6.896 | 53528792 | 204.8E6 | 19.309  | 19.618  |
| 15)                         | B Endosulfa...  | 6.309 | 7.110 | 57094749 | 258.1E6 | 20.819  | 22.410  |
| 16)                         | A 4,4'-DDD      | 6.162 | 7.012 | 49851995 | 229.5E6 | 19.142  | 20.987  |
| 17)                         | MA 4,4'-DDT     | 6.404 | 7.313 | 50188339 | 234.2E6 | 18.758  | 20.928  |
| 18)                         | B Endrin al...  | 6.479 | 7.236 | 49255986 | 223.1E6 | 21.502  | 22.943  |
| 19)                         | B Endosulfa...  | 6.692 | 7.460 | 58862293 | 256.0E6 | 21.013  | 22.577  |
| 20)                         | A Methoxychlor  | 6.955 | 7.772 | 139.0E6  | 562.2E6 | 100.529 | 107.456 |
| 21)                         | B Endrin ke...  | 7.186 | 7.942 | 68043653 | 284.6E6 | 21.950  | 23.048  |
| -----                       |                 |       |       |          |         |         |         |

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

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Sample : RESC033  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 14 07:26:48 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071422CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 14 05:14:58 2022  
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



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Title : GC Extractables  
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| RT#1  | RT#2  | Resolution |
|-------|-------|------------|
| 3.474 | 3.915 | 100.00%    |
| 3.915 | 4.199 | 100.00%    |
| 4.199 | 4.449 | 100.00%    |
| 4.449 | 4.499 | 98.81%     |
| 4.499 | 4.654 | 100.00%    |
| 4.654 | 4.748 | 100.00%    |
| 4.748 | 5.193 | 100.00%    |
| 5.193 | 5.419 | 100.00%    |
| 5.419 | 5.479 | 100.00%    |
| 5.479 | 5.532 | 100.00%    |
| 5.532 | 5.645 | 100.00%    |
| 5.645 | 5.777 | 99.64%     |
| 5.777 | 6.035 | 100.00%    |
| 6.035 | 6.162 | 100.00%    |
| 6.162 | 6.309 | 100.00%    |
| 6.309 | 6.404 | 99.32%     |
| 6.404 | 6.479 | 100.00%    |
| 6.479 | 6.692 | 100.00%    |
| 6.692 | 6.955 | 100.00%    |
| 6.955 | 7.186 | 100.00%    |
| 7.186 | 8.245 | 100.00%    |

## Signal #2

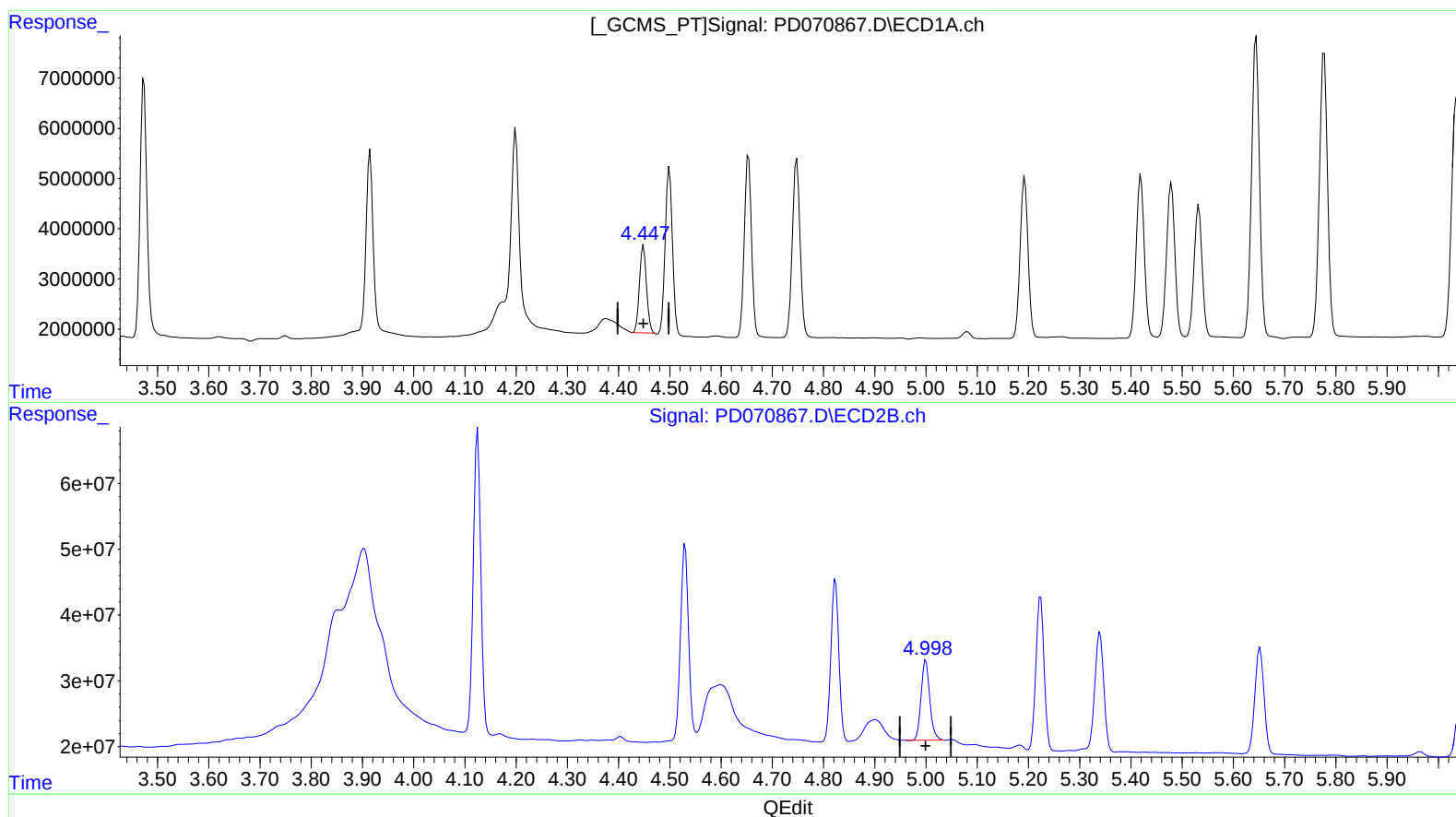
|       |       |         |
|-------|-------|---------|
| 4.125 | 4.530 | 100.00% |
| 4.530 | 4.823 | 100.00% |
| 4.823 | 5.000 | 100.00% |
| 5.000 | 5.224 | 100.00% |
| 5.224 | 5.340 | 100.00% |
| 5.340 | 5.652 | 100.00% |
| 5.652 | 6.047 | 100.00% |
| 6.047 | 6.284 | 100.00% |
| 6.284 | 6.357 | 100.00% |
| 6.357 | 6.412 | 99.72%  |
| 6.412 | 6.512 | 100.00% |
| 6.512 | 6.673 | 100.00% |
| 6.673 | 6.896 | 100.00% |
| 6.896 | 7.012 | 100.00% |
| 7.012 | 7.110 | 100.00% |
| 7.110 | 7.236 | 100.00% |
| 7.236 | 7.313 | 100.00% |
| 7.313 | 7.460 | 100.00% |
| 7.460 | 7.772 | 100.00% |
| 7.772 | 7.942 | 100.00% |
| 7.942 | 9.322 | 100.00% |

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Integration File signal 2: autoint2.e  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
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(6) beta-BHC (B)

4.449min 10.649 ng/ml

response 16683654

(6) beta-BHC #2 (B)

5.000min 10.739 ng/ml

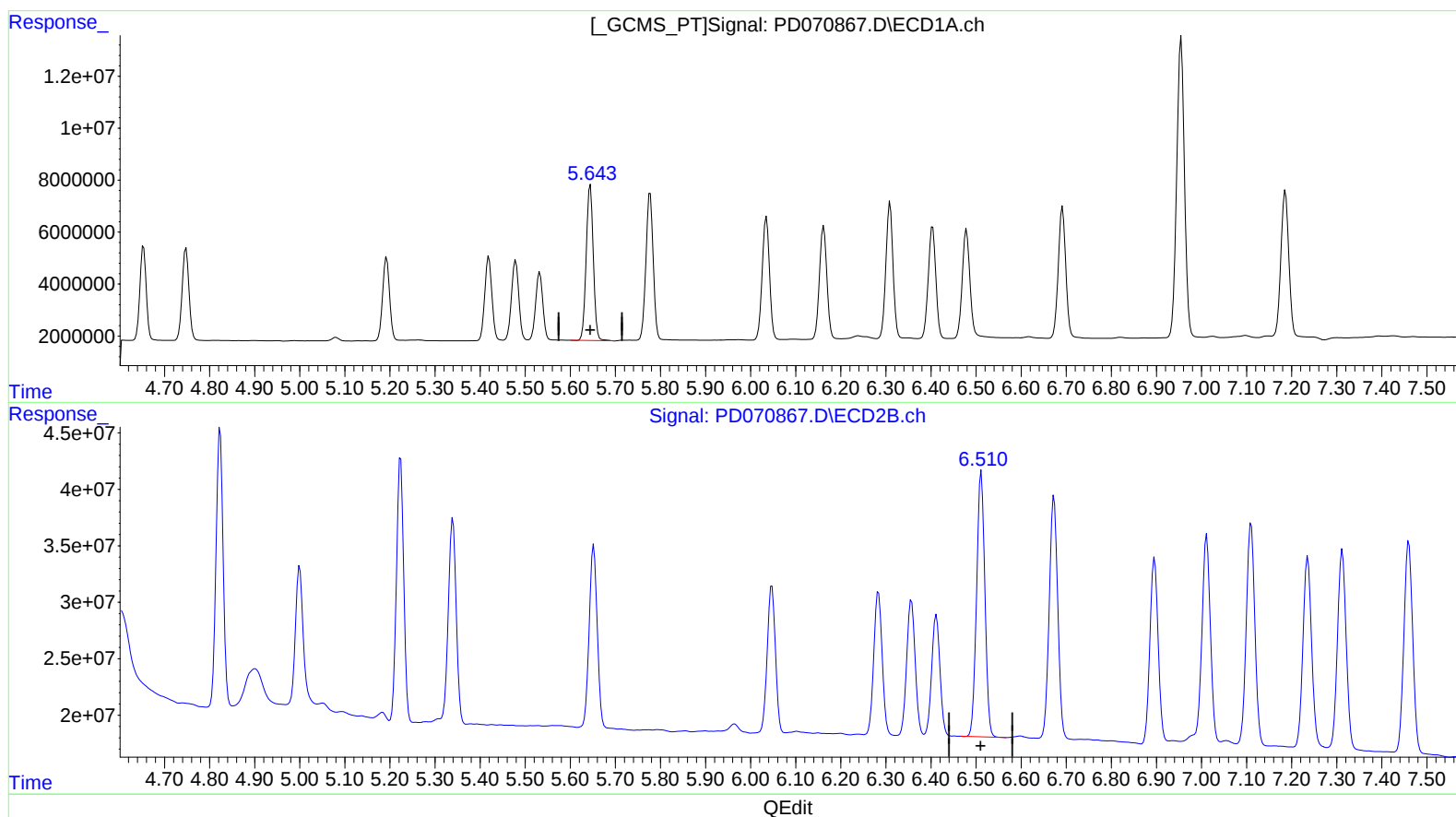
response 143624584

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

5.645min 20.346 ng/ml

response 65463766

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

6.512min 21.830 ng/ml

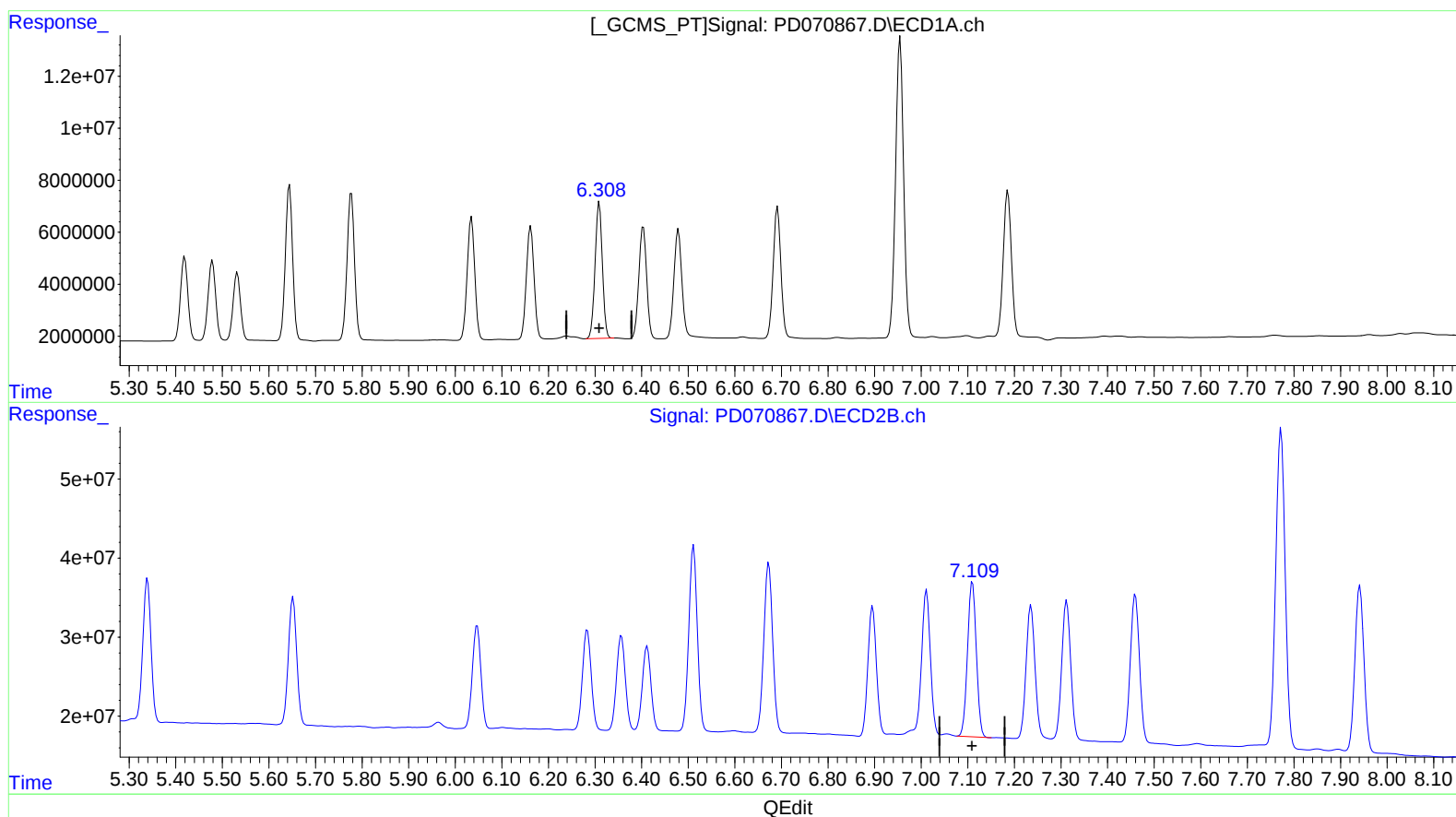
response 299408115

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(15) Endosulfan II (B)  
6.309min 20.819 ng/ml  
response 57094749

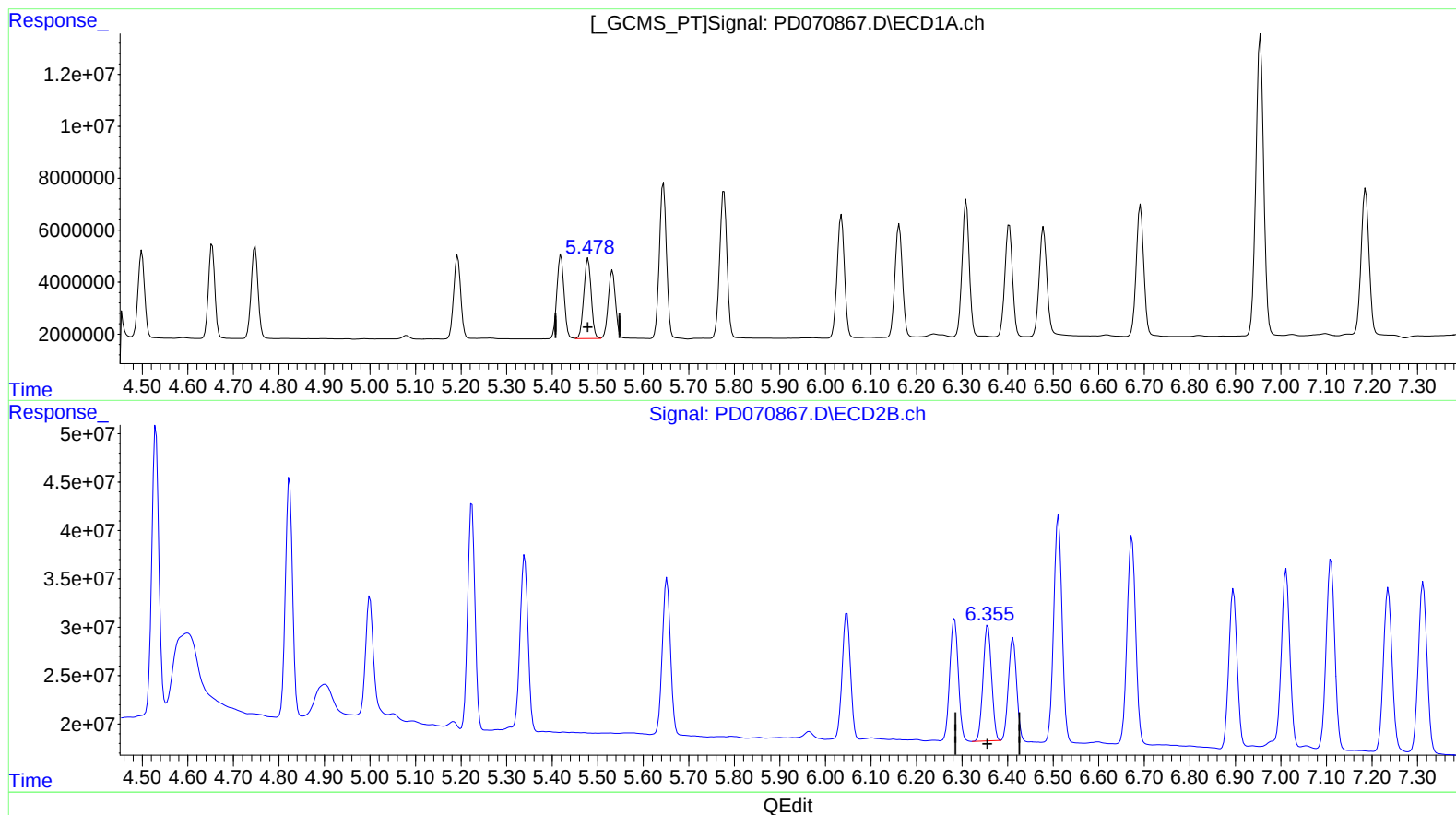
(15) Endosulfan II #2 (B)  
7.110min 22.410 ng/ml  
response 258123730

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(11) cis-Chlordane (B)

5.479min 10.204 ng/ml

response 34872095

(11) cis-Chlordane #2 (B)

6.357min 10.752 ng/ml

response 155298000