

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042421\  
 Data File : PD062388.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2021 22:29  
 Operator : AR\AJ  
 Sample : M2152-01MS  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 07:00:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042321.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 23 23:19:57 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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

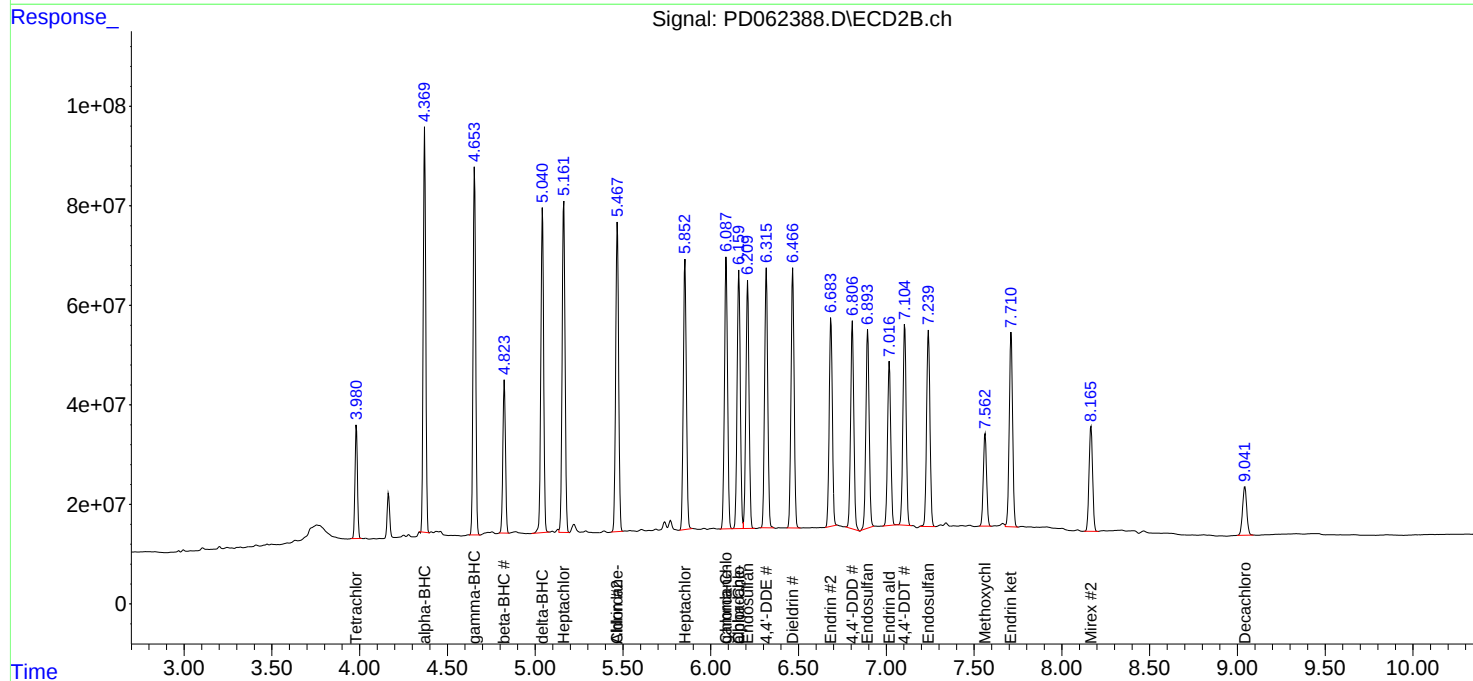
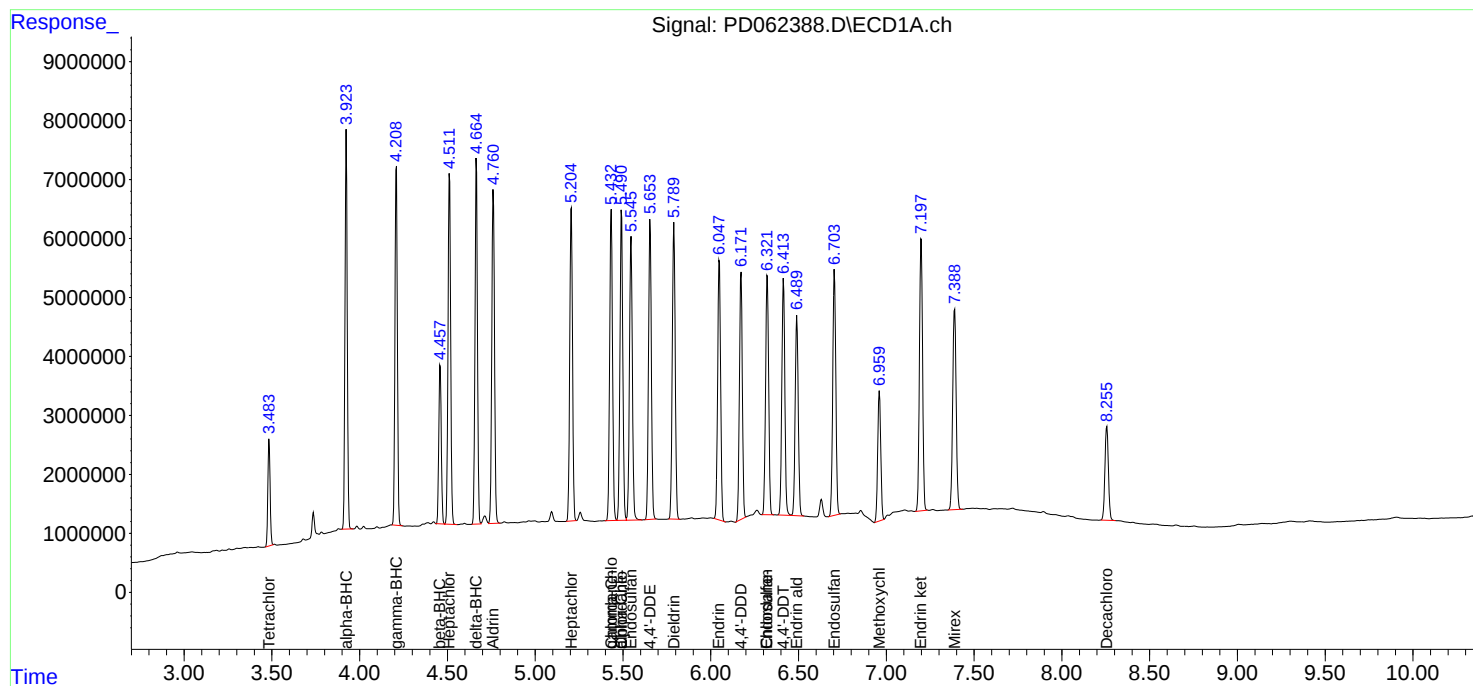
|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|---------|----------|------------|
| -----                       |                 |       |        |          |         |          |            |
| System Monitoring Compounds |                 |       |        |          |         |          |            |
| 1)                          | SA Tetrachlo... | 3.484 | 3.982  | 16317000 | 221.4E6 | 20.033   | 21.019     |
| 28)                         | SA Decachlor... | 8.256 | 9.042  | 21985079 | 162.9E6 | 18.124   | 19.193     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.924 | 4.370  | 61535866 | 808.3E6 | 48.041   | 47.826     |
| 3)                          | MA gamma-BHC... | 4.209 | 4.655  | 58806941 | 759.5E6 | 47.784   | 48.358     |
| 4)                          | MA Heptachlor   | 4.512 | 5.163  | 62380729 | 772.9E6 | 47.594   | 49.324     |
| 5)                          | MB Aldrin       | 4.762 | 5.468  | 60913164 | 735.3E6 | 48.669   | 48.914     |
| 6)                          | B beta-BHC      | 4.459 | 4.824  | 26537115 | 319.1E6 | 44.078   | 47.692     |
| 7)                          | B delta-BHC     | 4.665 | 5.041  | 60216490 | 726.8E6 | 47.547   | 51.895     |
| 8)                          | B Heptachlo...  | 5.206 | 5.853  | 58283441 | 658.8E6 | 47.472   | 47.955     |
| 9)                          | A Endosulfan I  | 5.546 | 6.210  | 55325914 | 619.4E6 | 46.903   | 47.298     |
| 10)                         | B gamma-Chl...  | 5.433 | 6.088  | 59620374 | 668.7E6 | 46.790   | 47.373     |
| 11)                         | B alpha-Chl...  | 5.492 | 6.160  | 59267124 | 651.3E6 | 47.241   | 47.444     |
| 12)                         | B 4,4'-DDE      | 5.655 | 6.317  | 56933747 | 647.0E6 | 46.902   | 45.820     |
| 13)                         | MA Dieldrin     | 5.790 | 6.467  | 58445789 | 648.4E6 | 45.800   | 46.096     |
| 14)                         | MA Endrin       | 6.049 | 6.685  | 51622748 | 522.0E6 | 44.543   | 42.790     |
| 15)                         | B Endosulfa...  | 6.322 | 6.894  | 49453187 | 519.5E6 | 43.765   | 45.143     |
| 16)                         | A 4,4'-DDD      | 6.173 | 6.807  | 48209999 | 528.8E6 | 48.173   | 47.455     |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.105  | 48145704 | 521.5E6 | 47.147   | 52.293     |
| 18)                         | B Endrin al...  | 6.490 | 7.017  | 41179818 | 422.0E6 | 41.682   | 44.706     |
| 19)                         | B Endosulfa...  | 6.705 | 7.240  | 50492422 | 526.9E6 | 42.764   | 48.570     |
| 20)                         | A Methoxychlor  | 6.961 | 7.563  | 26745014 | 241.6E6 | 45.008   | 49.455     |
| 21)                         | B Endrin ke...  | 7.199 | 7.711  | 57597401 | 519.5E6 | 47.283   | 51.785     |
| 22)                         | Mirex           | 7.389 | 8.166  | 46767640 | 297.6E6 | 46.773   | 47.614     |
| 24)                         | Chlordane-2     | 0.000 | 5.468f | 0        | 735.3E6 | N.D.     | 1544.618 # |
| 25)                         | Chlordane-3     | 5.433 | 6.088  | 59620374 | 668.7E6 | 478.091  | 340.374 #  |
| 26)                         | Chlordane-4     | 5.492 | 6.160  | 59267124 | 651.3E6 | 565.587  | 286.037 #  |
| 27)                         | Chlordane-5     | 6.322 | 0.000  | 49453187 | 0       | 1091.238 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

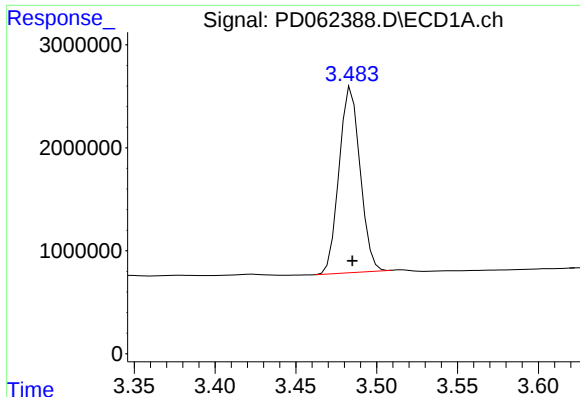
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042421\  
Data File : PD062388.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2021 22:29  
Operator : AR\AJ  
Sample : M2152-01MS  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Apr 26 07:00:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042321.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 23 23:19:57 2021  
Response via : Initial Calibration  
Integrator: ChemStation

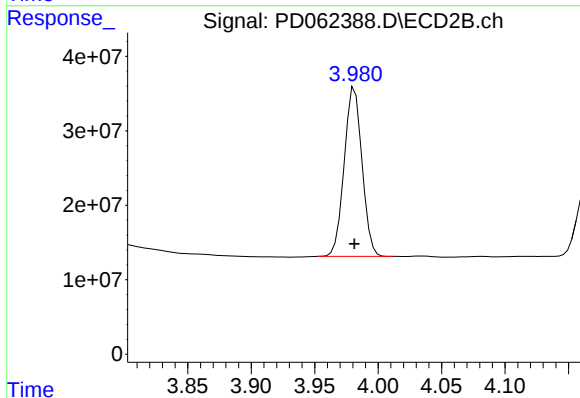
Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





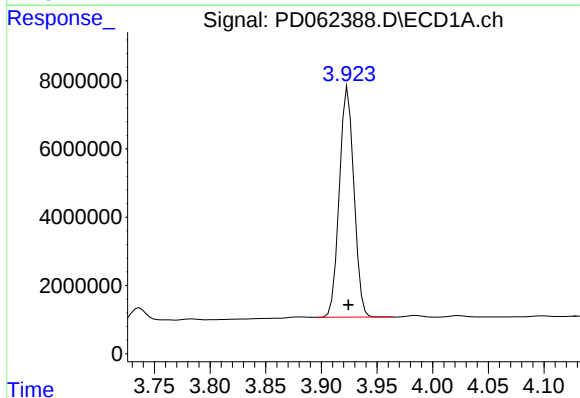
#1 Tetrachloro-m-xylene

R.T.: 3.484 min  
Delta R.T.: 0.000 min  
Response: 16317000  
Conc: 20.03 ng/ml



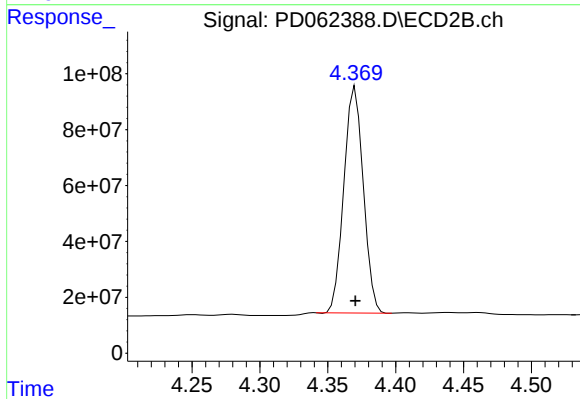
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 221357271  
Conc: 21.02 ng/ml



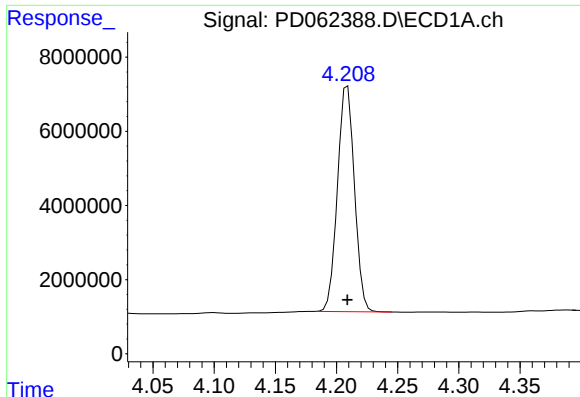
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: 0.000 min  
Response: 61535866  
Conc: 48.04 ng/ml



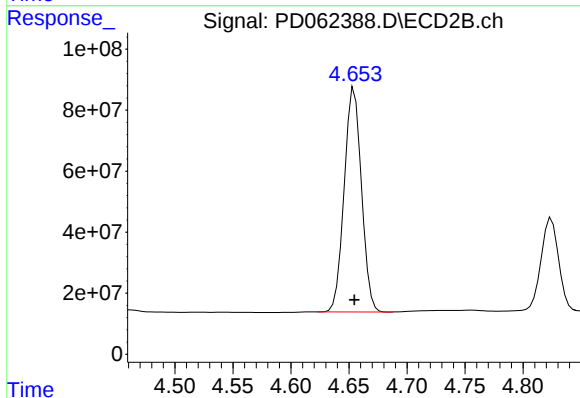
#2 alpha-BHC

R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 808281144  
Conc: 47.83 ng/ml



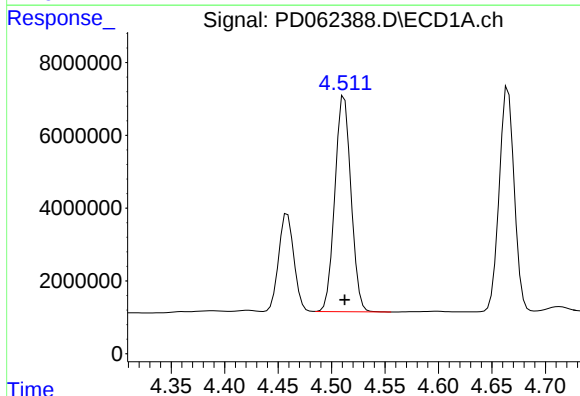
#3 gamma-BHC (Lindane)

R.T.: 4.209 min  
Delta R.T.: 0.000 min  
Response: 58806941  
Conc: 47.78 ng/ml



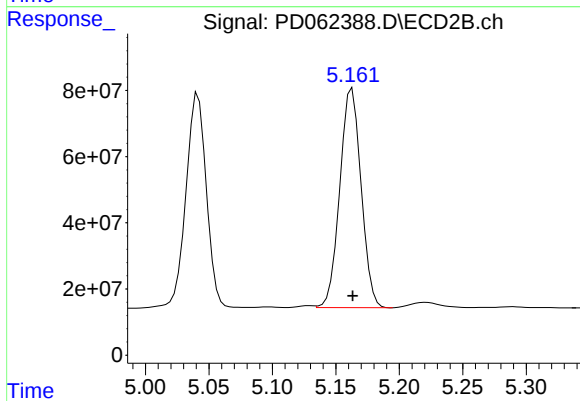
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 759528727  
Conc: 48.36 ng/ml



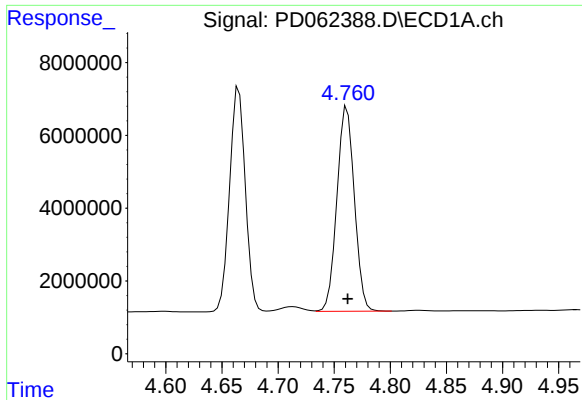
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 62380729  
Conc: 47.59 ng/ml



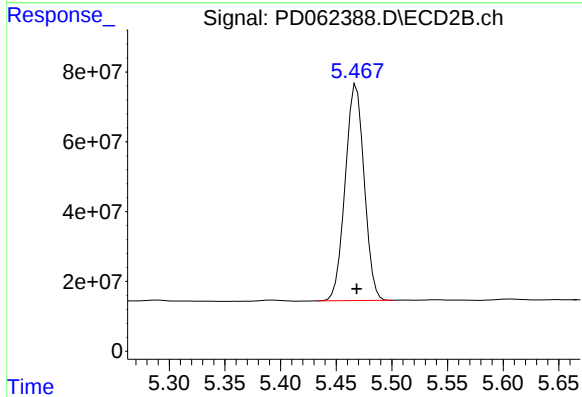
#4 Heptachlor

R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 772929892  
Conc: 49.32 ng/ml



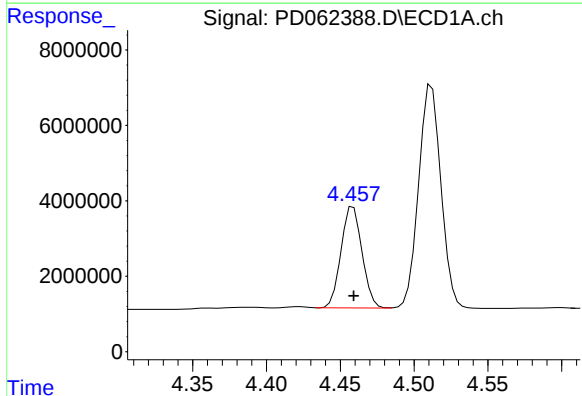
#5 Aldrin

R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 60913164  
Conc: 48.67 ng/ml



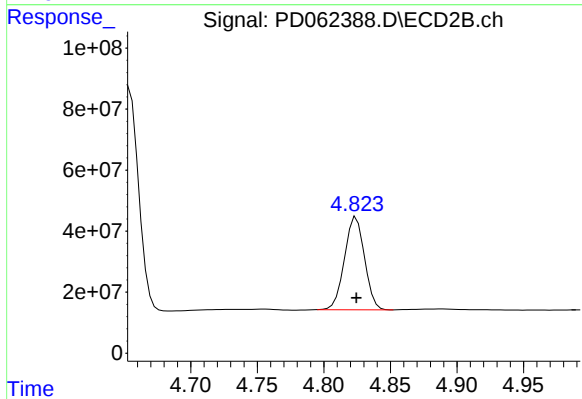
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 735278208  
Conc: 48.91 ng/ml



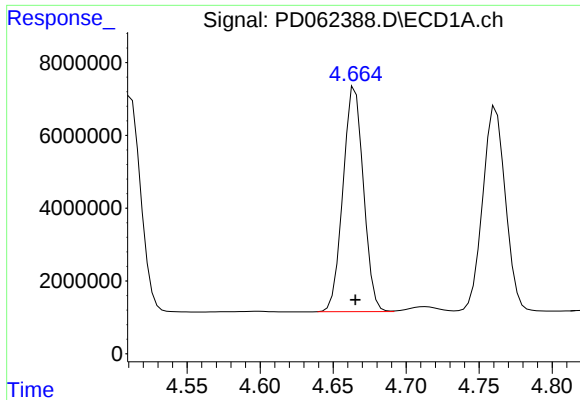
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 26537115  
Conc: 44.08 ng/ml



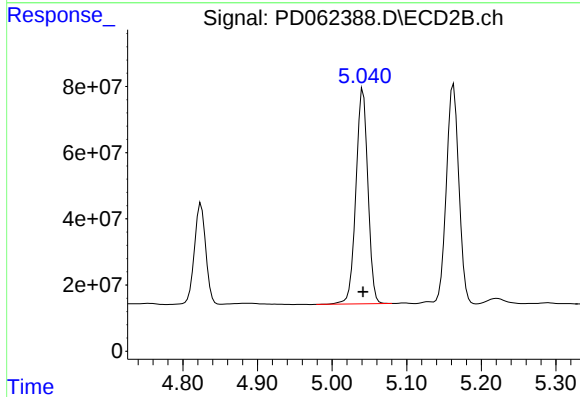
#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 319064793  
Conc: 47.69 ng/ml



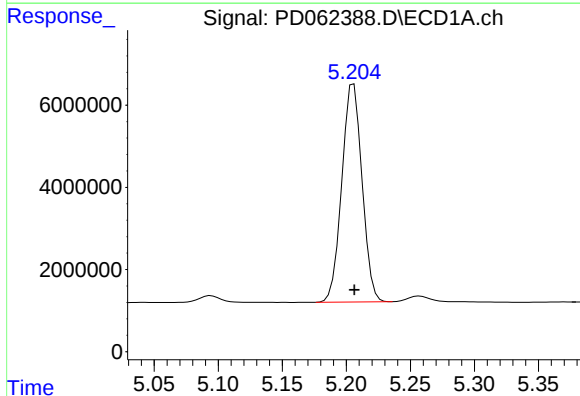
#7 delta-BHC

R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 60216490  
Conc: 47.55 ng/ml



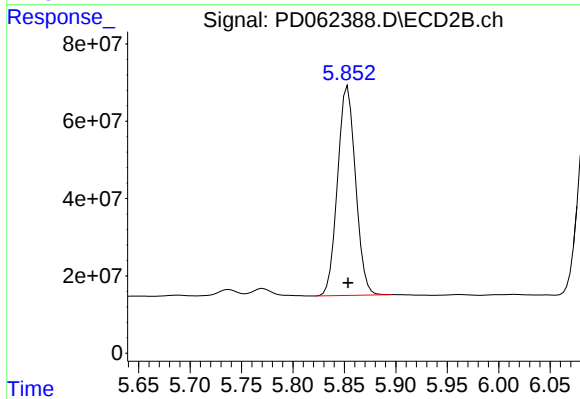
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 726809393  
Conc: 51.90 ng/ml



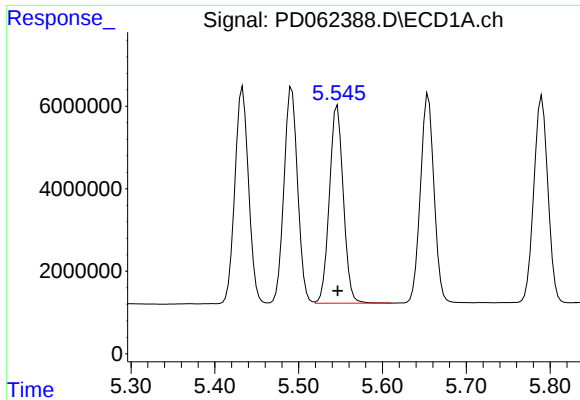
#8 Heptachlor epoxide

R.T.: 5.206 min  
Delta R.T.: 0.000 min  
Response: 58283441  
Conc: 47.47 ng/ml



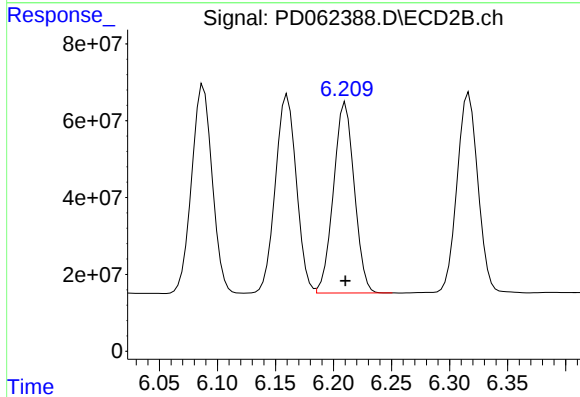
#8 Heptachlor epoxide

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 658760011  
Conc: 47.96 ng/ml



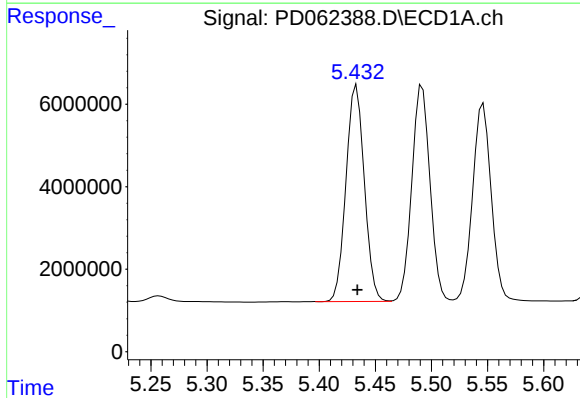
#9 Endosulfan I

R.T.: 5.546 min  
Delta R.T.: 0.000 min  
Response: 55325914  
Conc: 46.90 ng/ml



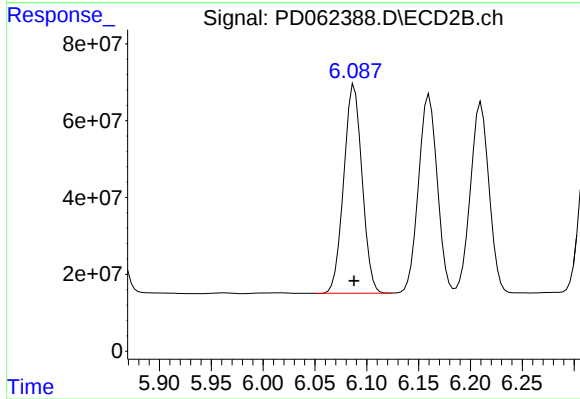
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 619440097  
Conc: 47.30 ng/ml



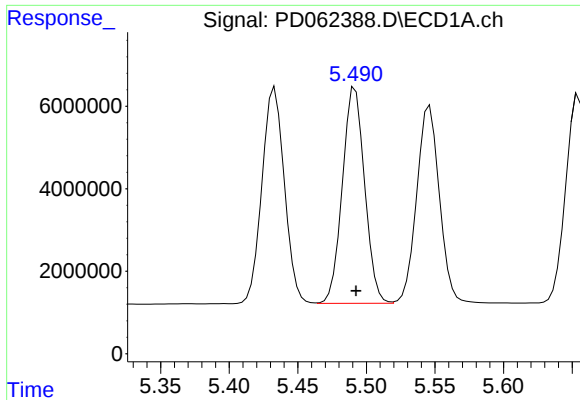
#10 gamma-Chlordane

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 59620374  
Conc: 46.79 ng/ml



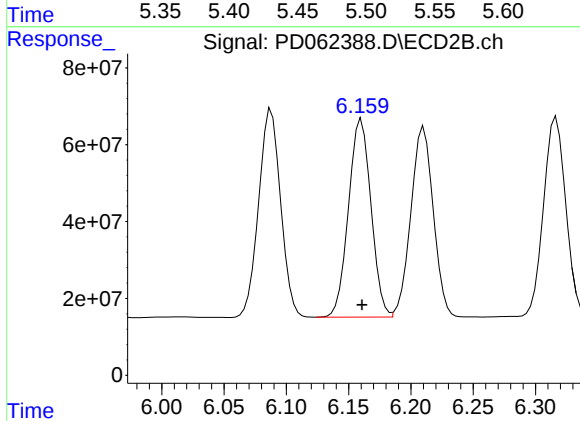
#10 gamma-Chlordane

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 668720369  
Conc: 47.37 ng/ml



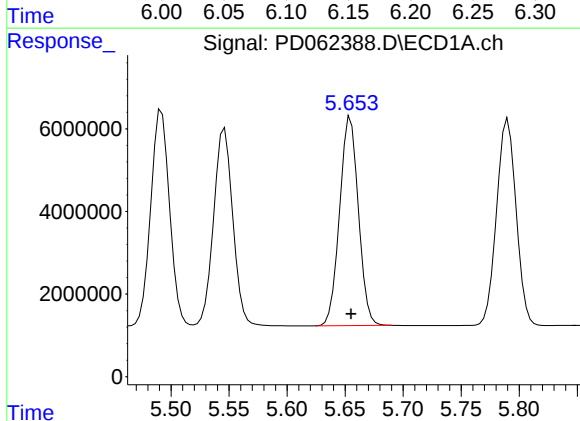
#11 alpha-Chlordane

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 59267124  
Conc: 47.24 ng/ml



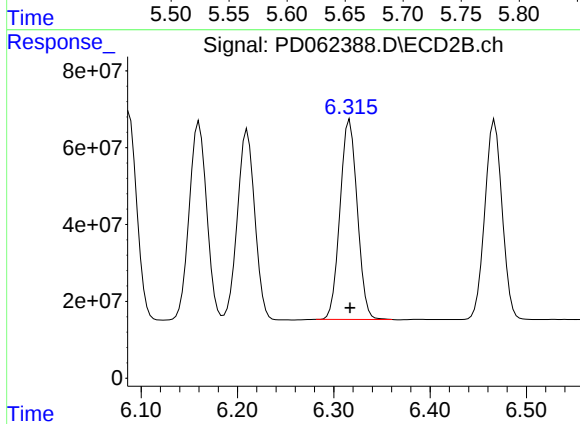
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 651312158  
Conc: 47.44 ng/ml



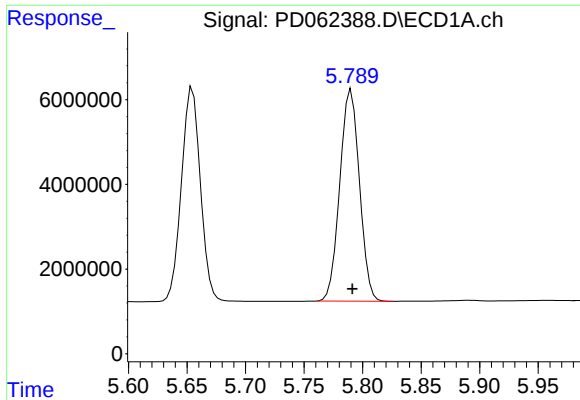
#12 4,4'-DDE

R.T.: 5.655 min  
Delta R.T.: 0.000 min  
Response: 56933747  
Conc: 46.90 ng/ml



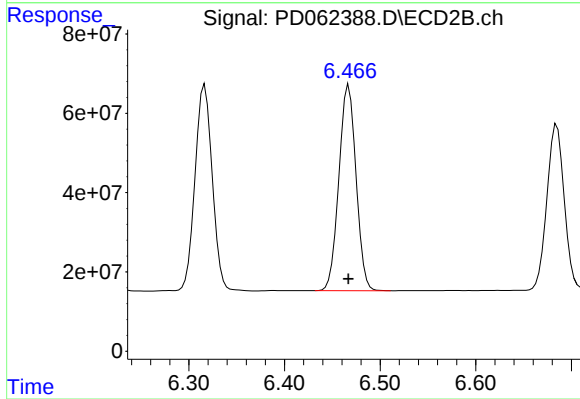
#12 4,4'-DDE

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 646959933  
Conc: 45.82 ng/ml



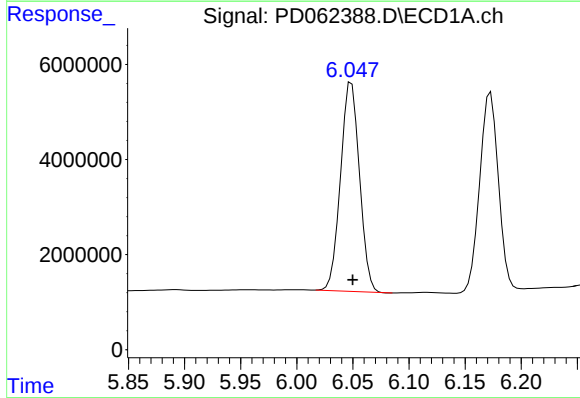
#13 Dieldrin

R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 58445789  
Conc: 45.80 ng/ml



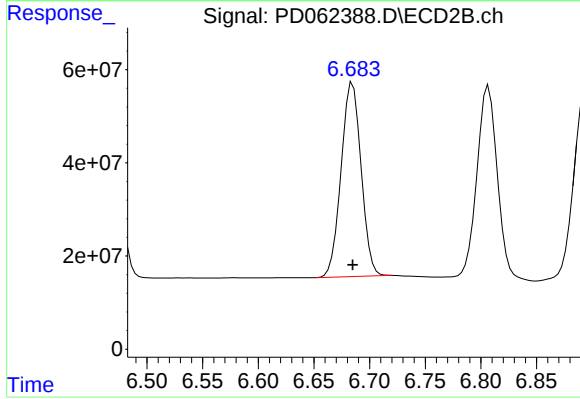
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 648351376  
Conc: 46.10 ng/ml



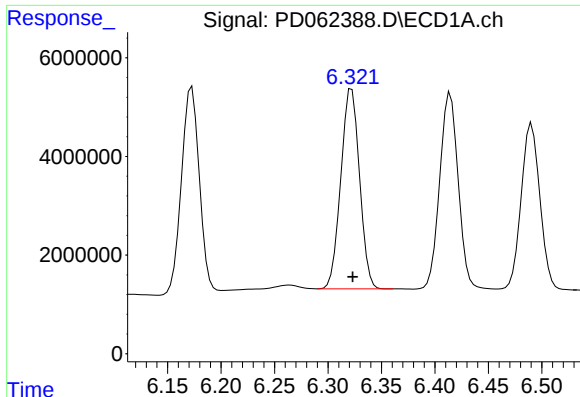
#14 Endrin

R.T.: 6.049 min  
Delta R.T.: -0.001 min  
Response: 51622748  
Conc: 44.54 ng/ml



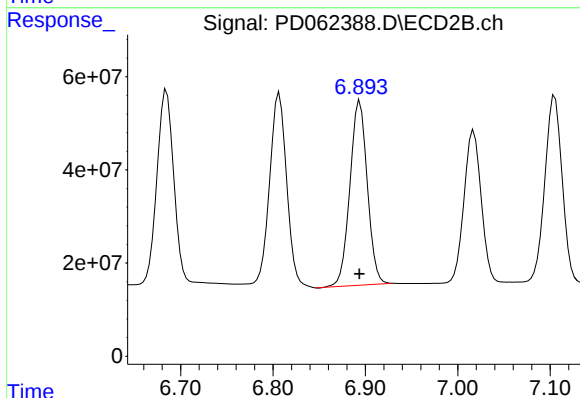
#14 Endrin

R.T.: 6.685 min  
Delta R.T.: 0.000 min  
Response: 522018489  
Conc: 42.79 ng/ml



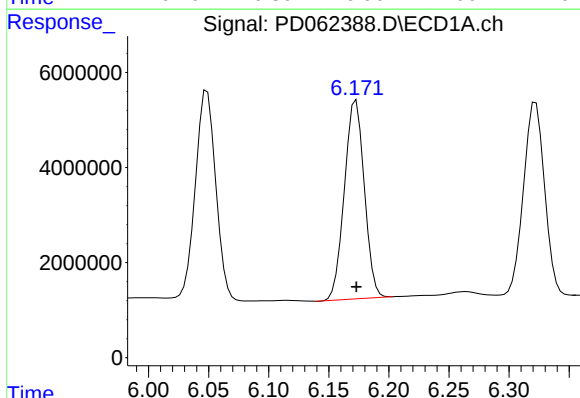
#15 Endosulfan II

R.T.: 6.322 min  
Delta R.T.: 0.000 min  
Response: 49453187  
Conc: 43.76 ng/ml



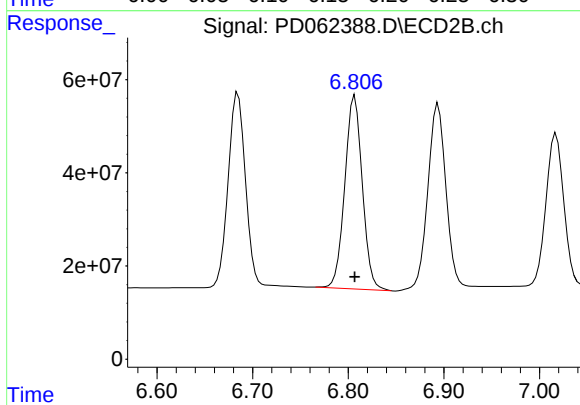
#15 Endosulfan II

R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 519478568  
Conc: 45.14 ng/ml



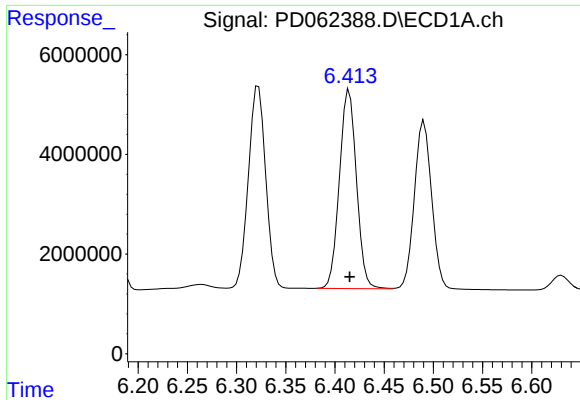
#16 4,4'-DDD

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 48209999  
Conc: 48.17 ng/ml



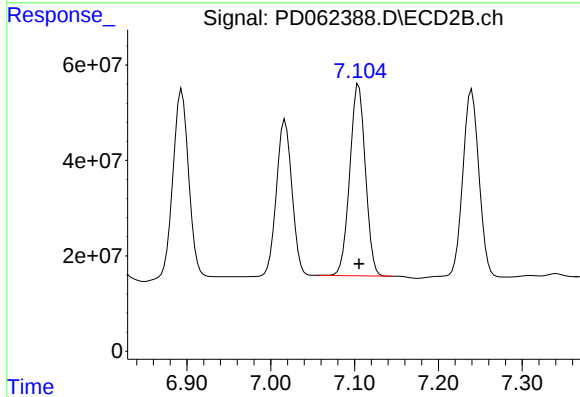
#16 4,4'-DDD

R.T.: 6.807 min  
Delta R.T.: 0.000 min  
Response: 528833897  
Conc: 47.45 ng/ml



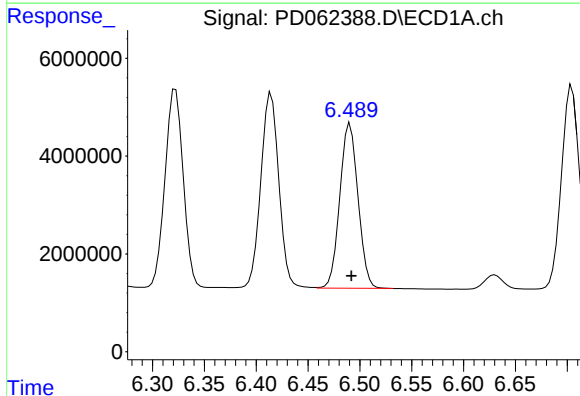
#17 4,4'-DDT

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 48145704  
Conc: 47.15 ng/ml



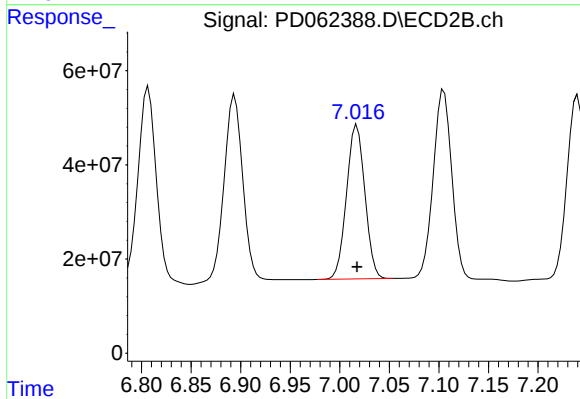
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 521479593  
Conc: 52.29 ng/ml



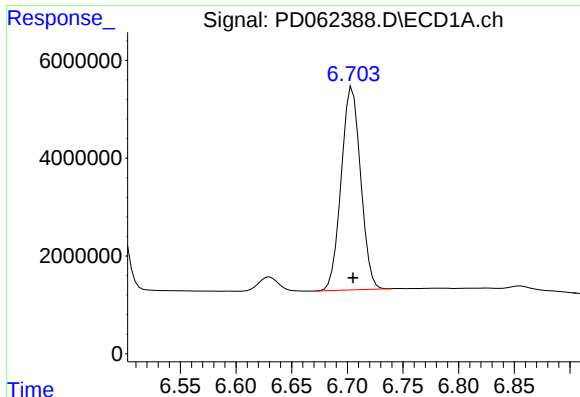
#18 Endrin aldehyde

R.T.: 6.490 min  
Delta R.T.: -0.001 min  
Response: 41179818  
Conc: 41.68 ng/ml



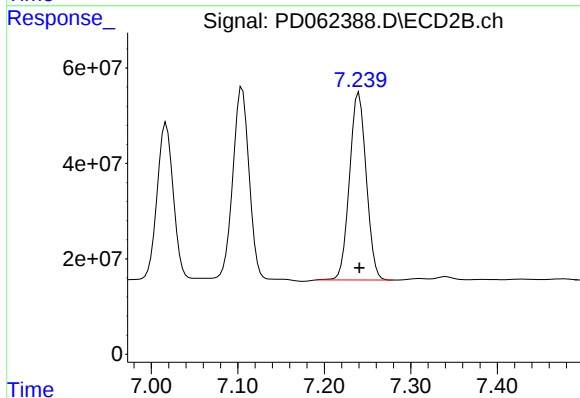
#18 Endrin aldehyde

R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 421986796  
Conc: 44.71 ng/ml



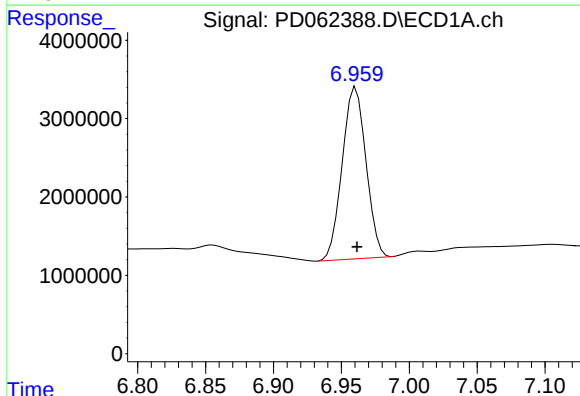
#19 Endosulfan Sulfate

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 50492422  
Conc: 42.76 ng/ml



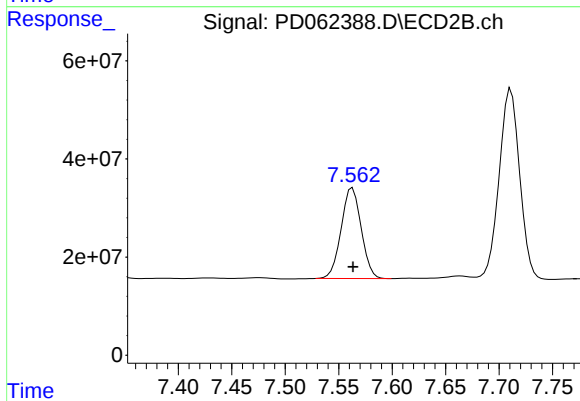
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 526909830  
Conc: 48.57 ng/ml



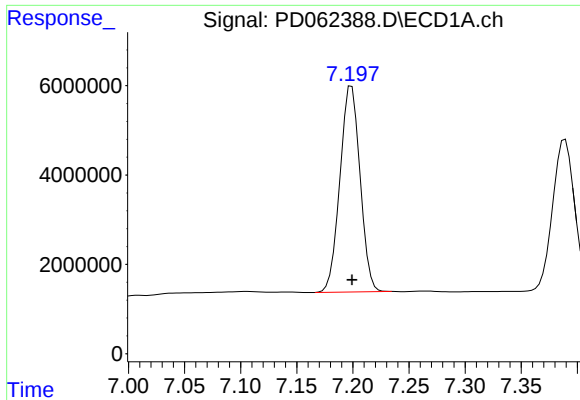
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 26745014  
Conc: 45.01 ng/ml



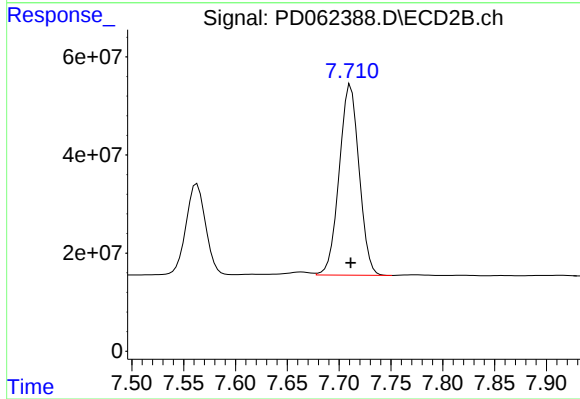
#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 241620333  
Conc: 49.45 ng/ml



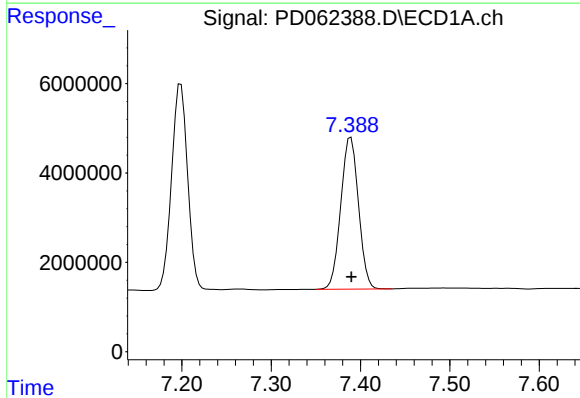
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 57597401  
Conc: 47.28 ng/ml



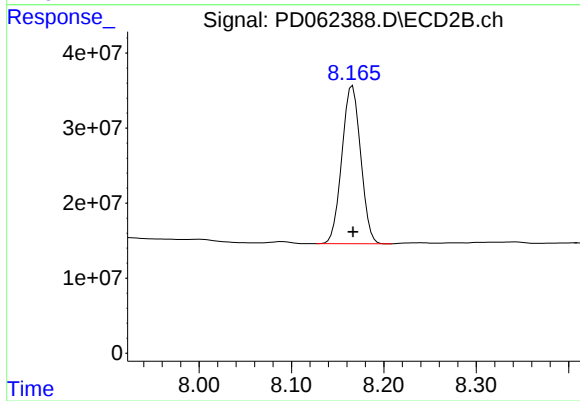
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 519530914  
Conc: 51.78 ng/ml



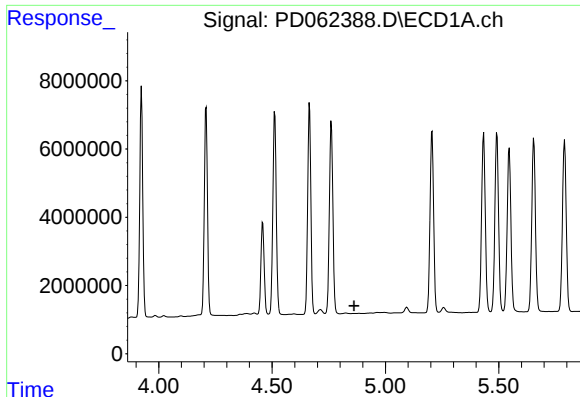
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: 0.000 min  
Response: 46767640  
Conc: 46.77 ng/ml



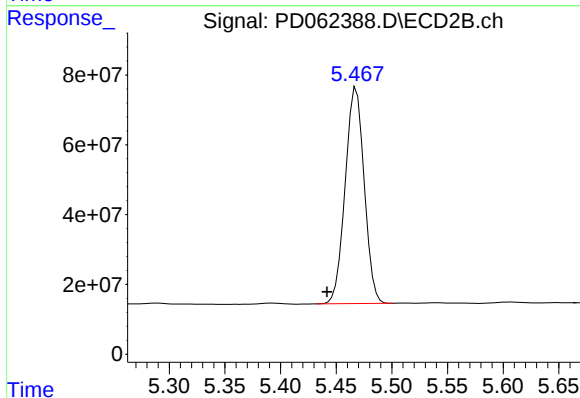
#22 Mirex

R.T.: 8.166 min  
Delta R.T.: 0.000 min  
Response: 297613916  
Conc: 47.61 ng/ml



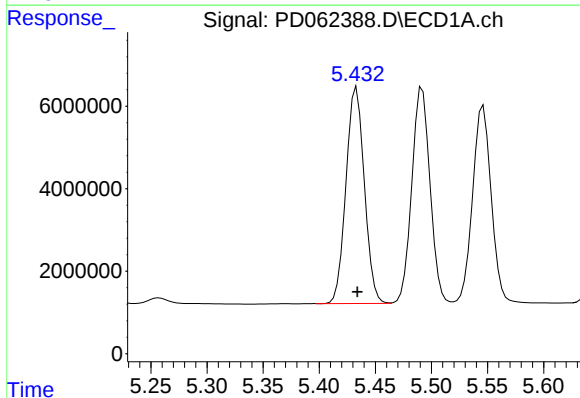
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.



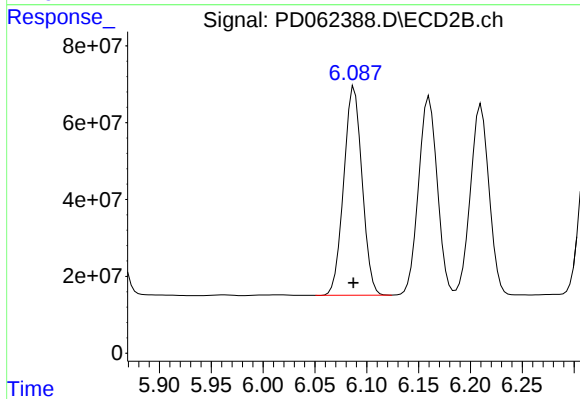
#24 Chlordane-2

R.T.: 5.468 min  
Delta R.T.: 0.026 min  
Response: 735278208  
Conc: 1544.62 ng/ml



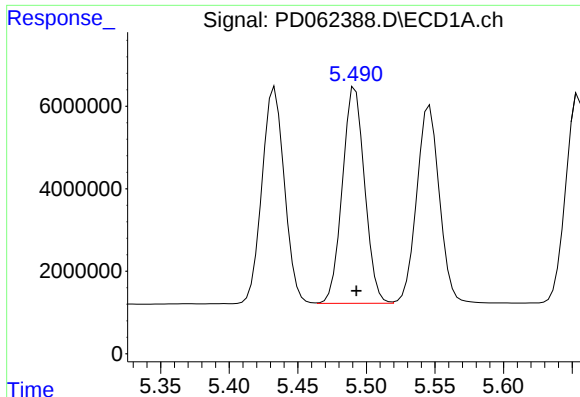
#25 Chlordane-3

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 59620374  
Conc: 478.09 ng/ml



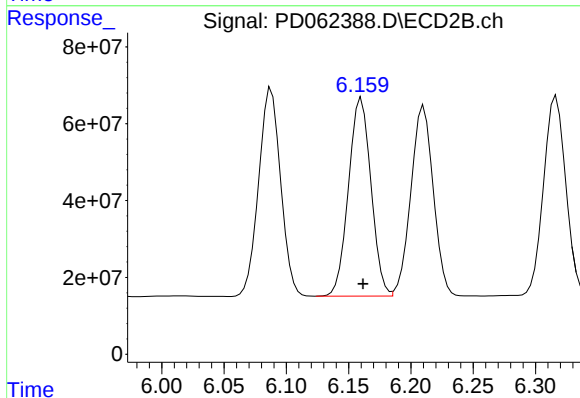
#25 Chlordane-3

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 668720369  
Conc: 340.37 ng/ml



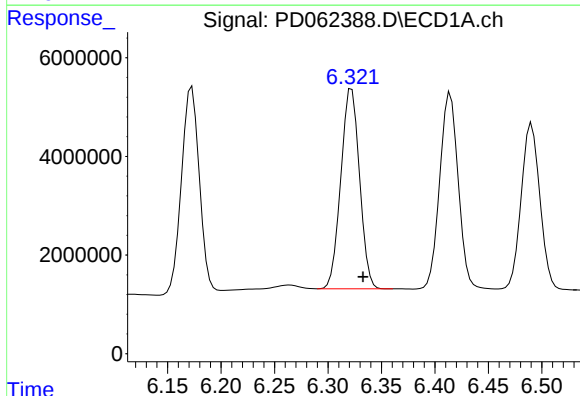
#26 Chlordane-4

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 59267124  
Conc: 565.59 ng/ml



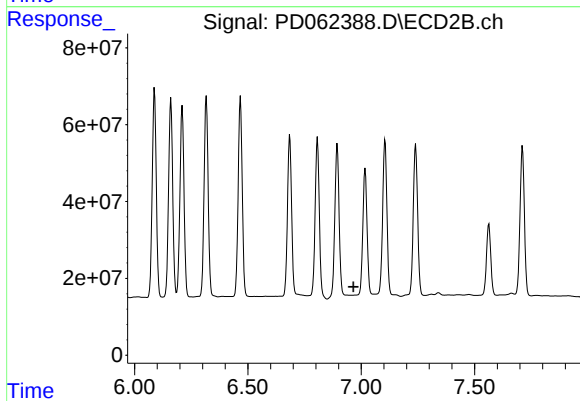
#26 Chlordane-4

R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 651312158  
Conc: 286.04 ng/ml



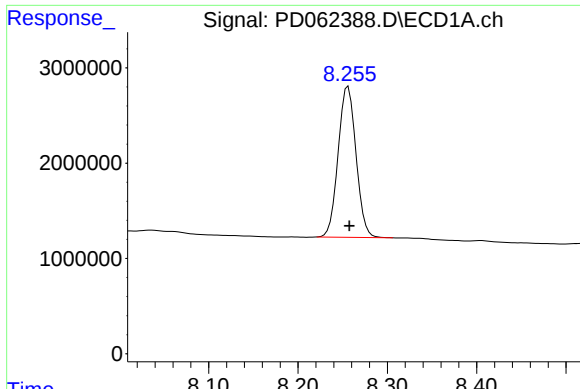
#27 Chlordane-5

R.T.: 6.322 min  
Delta R.T.: -0.011 min  
Response: 49453187  
Conc: 1091.24 ng/ml



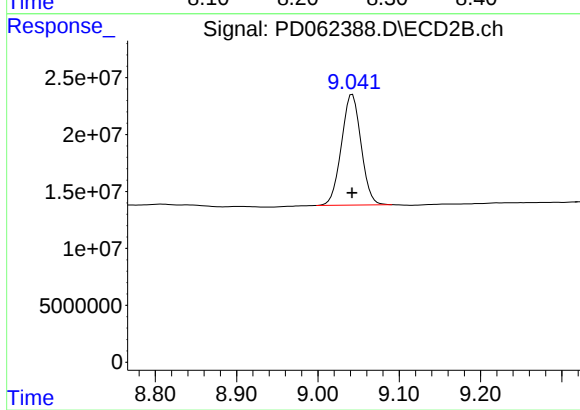
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.256 min  
Delta R.T.: -0.001 min  
Response: 21985079  
Conc: 18.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.042 min  
Delta R.T.: 0.000 min  
Response: 162852642  
Conc: 19.19 ng/ml