

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071521\  
 Data File : PL068149.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2021 01:43  
 Operator : AR\AJ  
 Sample : M3012-02MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 04:49:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071521.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 15 04:04:16 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 x0.5µm

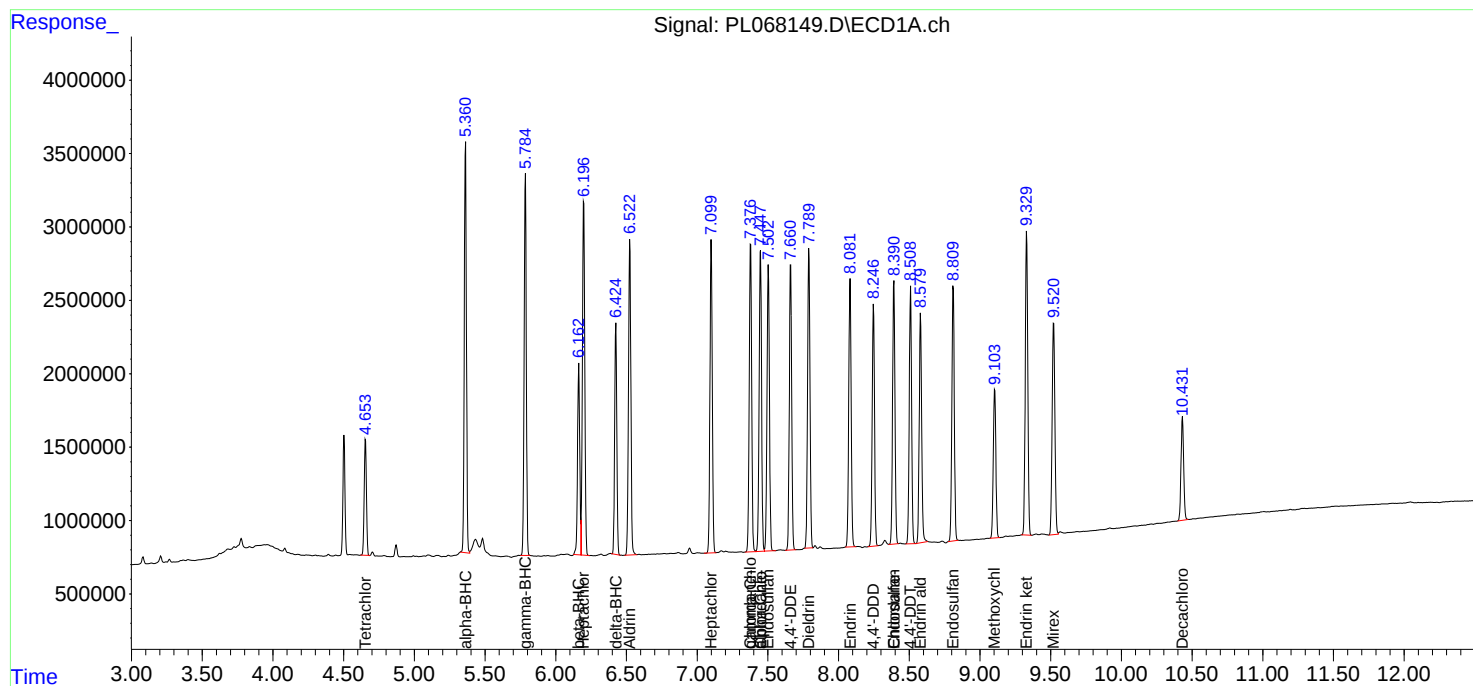
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 4.654  | 5.585  | 8537098  | 21652268 | 21.178   | 20.995     |
| 28)                         | SA Decachlor... | 10.432 | 11.509 | 9251998  | 19587236 | 22.421   | 21.771     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.362  | 6.165  | 29821417 | 73810661 | 55.316   | 53.895     |
| 3)                          | MA gamma-BHC... | 5.785  | 6.561  | 28089541 | 68721190 | 54.093   | 53.215     |
| 4)                          | MA Heptachlor   | 6.198  | 7.210  | 27821128 | 68285008 | 50.376   | 52.867     |
| 5)                          | MB Aldrin       | 6.524  | 7.581  | 25222230 | 61413056 | 50.160   | 50.947     |
| 6)                          | B beta-BHC      | 6.163  | 6.812  | 14154583 | 34643519 | 54.431   | 49.778     |
| 7)                          | B delta-BHC     | 6.425  | 7.080  | 16549055 | 42360393 | 33.201   | 34.771     |
| 8)                          | B Heptachlo...  | 7.100  | 8.047  | 24640856 | 59614024 | 51.574   | 53.628     |
| 9)                          | A Endosulfan I  | 7.503  | 8.453  | 23084716 | 54940946 | 51.727   | 53.916     |
| 10)                         | B gamma-Chl...  | 7.378  | 8.316  | 24802748 | 59516872 | 51.541   | 53.542     |
| 11)                         | B alpha-Chl...  | 7.448  | 8.397  | 24603711 | 59299521 | 51.414   | 53.204     |
| 12)                         | B 4,4'-DDE      | 7.661  | 8.583  | 22593382 | 55846949 | 52.269   | 55.022     |
| 13)                         | MA Dieldrin     | 7.791  | 8.742  | 23796278 | 58065457 | 52.337   | 55.705     |
| 14)                         | MA Endrin       | 8.082  | 8.982  | 22026368 | 50096627 | 51.139   | 56.501     |
| 15)                         | B Endosulfa...  | 8.392  | 9.214  | 21367360 | 49864189 | 54.001   | 56.320     |
| 16)                         | A 4,4'-DDD      | 8.247  | 9.123  | 18979964 | 47159390 | 51.608   | 55.038     |
| 17)                         | MA 4,4'-DDT     | 8.510  | 9.440  | 20606735 | 48180991 | 50.948   | 51.095     |
| 18)                         | B Endrin al...  | 8.580  | 9.349  | 18707203 | 43732503 | 60.007   | 59.962     |
| 19)                         | B Endosulfa...  | 8.811  | 9.586  | 21081204 | 47081936 | 51.181   | 52.662     |
| 20)                         | A Methoxychlor  | 9.104  | 9.925  | 12817570 | 27464644 | 54.082   | 53.814     |
| 21)                         | B Endrin ke...  | 9.330  | 10.085 | 25501286 | 55664306 | 55.888   | 56.300     |
| 22)                         | Mirex           | 9.521  | 10.552 | 19283008 | 40284967 | 53.839   | 52.938     |
| 24)                         | Chlordane-2     | 0.000  | 7.581f | 0        | 61413056 | N.D.     | 1339.885 # |
| 25)                         | Chlordane-3     | 7.378  | 8.316  | 24802748 | 59516872 | 488.058  | 368.711    |
| 26)                         | Chlordane-4     | 7.448  | 8.397  | 24603711 | 59299521 | 464.403  | 300.525 #  |
| 27)                         | Chlordane-5     | 8.392  | 0.000  | 21367360 | 0        | 1188.334 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

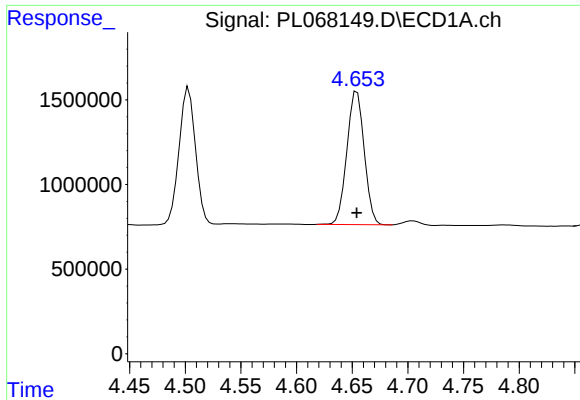
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071521\  
Data File : PL068149.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2021 01:43  
Operator : AR\AJ  
Sample : M3012-02MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 15 04:49:39 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071521.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 15 04:04:16 2021  
Response via : Initial Calibration  
Integrator: ChemStation

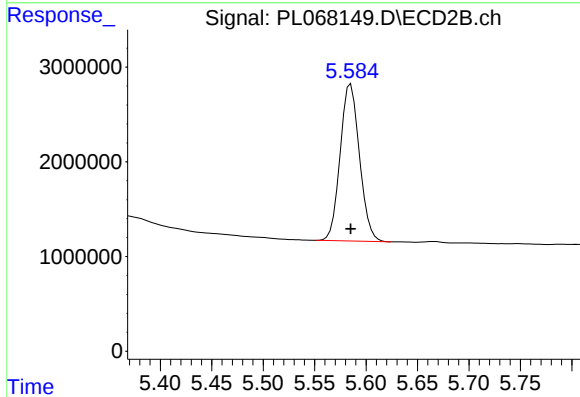
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





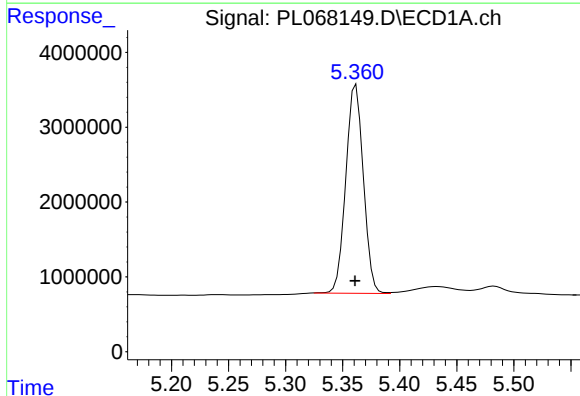
#1 Tetrachloro-m-xylene

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 8537098  
Conc: 21.18 ng/ml



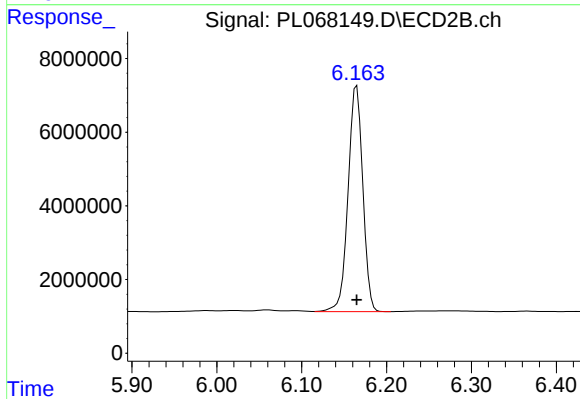
#1 Tetrachloro-m-xylene

R.T.: 5.585 min  
Delta R.T.: 0.000 min  
Response: 21652268  
Conc: 21.00 ng/ml



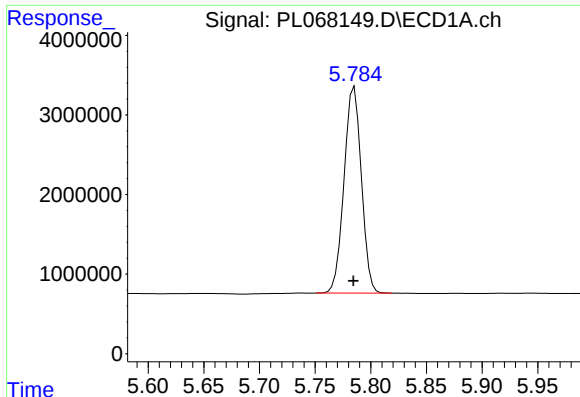
#2 alpha-BHC

R.T.: 5.362 min  
Delta R.T.: 0.000 min  
Response: 29821417  
Conc: 55.32 ng/ml



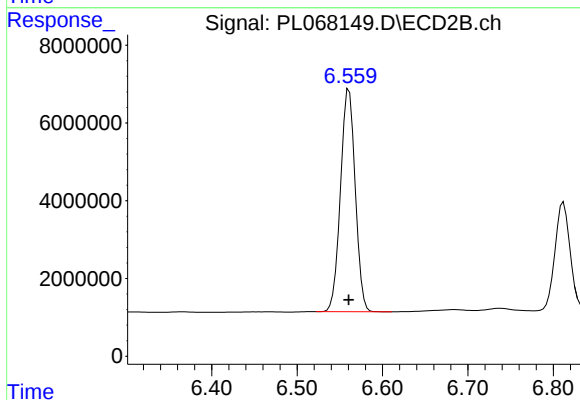
#2 alpha-BHC

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 73810661  
Conc: 53.89 ng/ml



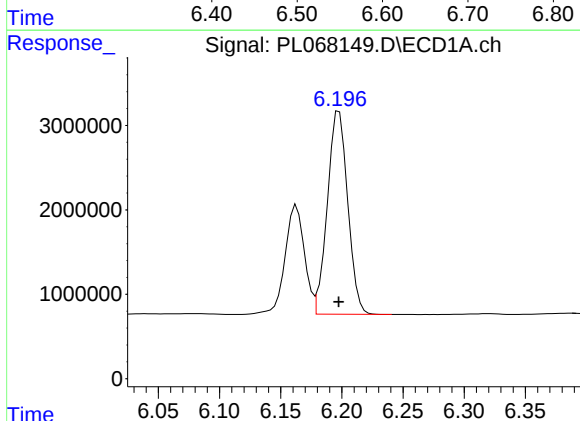
#3 gamma-BHC (Lindane)

R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 28089541  
Conc: 54.09 ng/ml



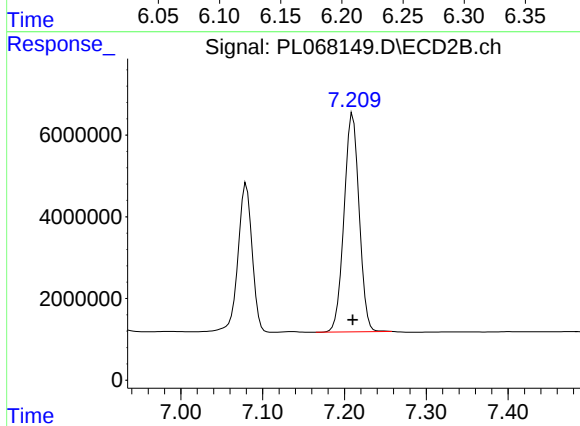
#3 gamma-BHC (Lindane)

R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 68721190  
Conc: 53.21 ng/ml



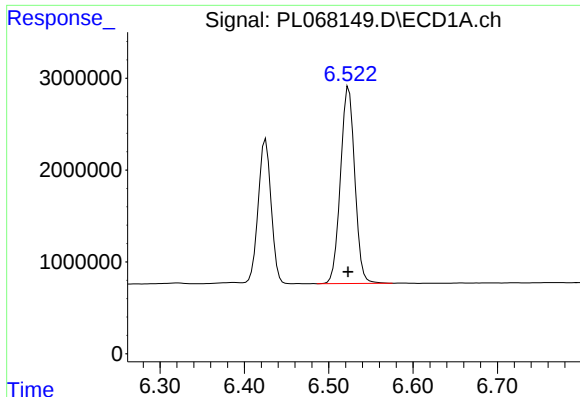
#4 Heptachlor

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 27821128  
Conc: 50.38 ng/ml



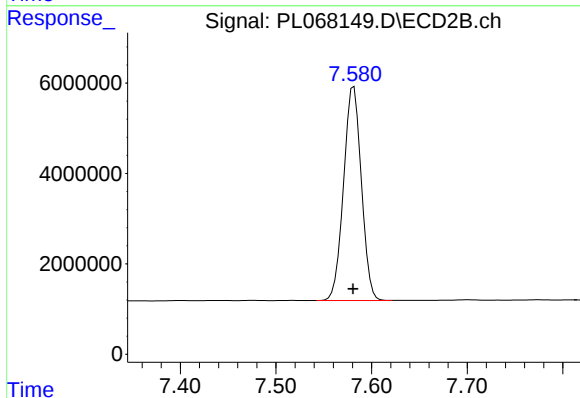
#4 Heptachlor

R.T.: 7.210 min  
Delta R.T.: 0.000 min  
Response: 68285008  
Conc: 52.87 ng/ml



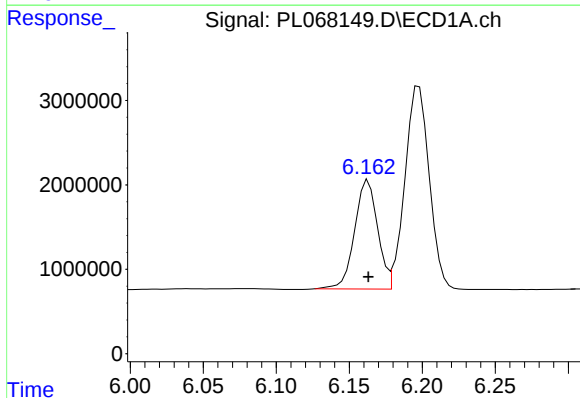
#5 Aldrin

R.T.: 6.524 min  
Delta R.T.: 0.000 min  
Response: 25222230  
Conc: 50.16 ng/ml



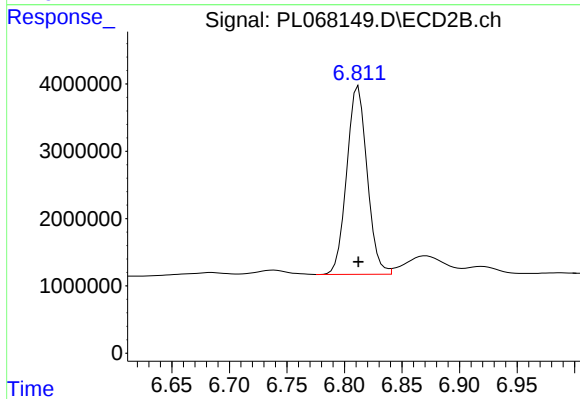
#5 Aldrin

R.T.: 7.581 min  
Delta R.T.: 0.000 min  
Response: 61413056  
Conc: 50.95 ng/ml



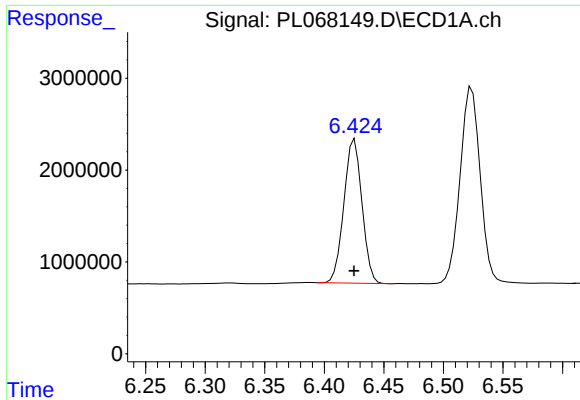
#6 beta-BHC

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 14154583  
Conc: 54.43 ng/ml



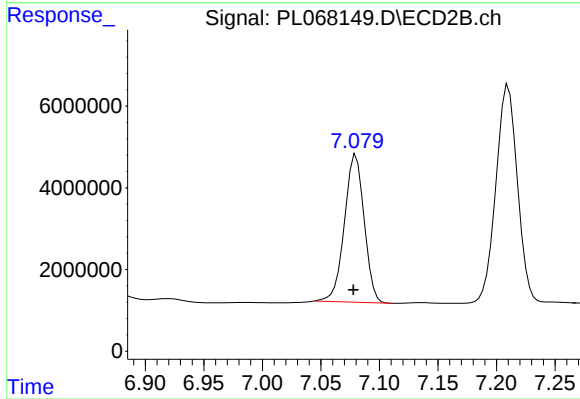
#6 beta-BHC

R.T.: 6.812 min  
Delta R.T.: 0.000 min  
Response: 34643519  
Conc: 49.78 ng/ml



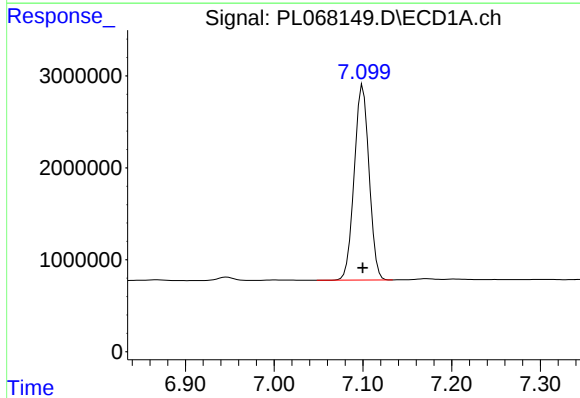
#7 delta-BHC

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 16549055  
Conc: 33.20 ng/ml



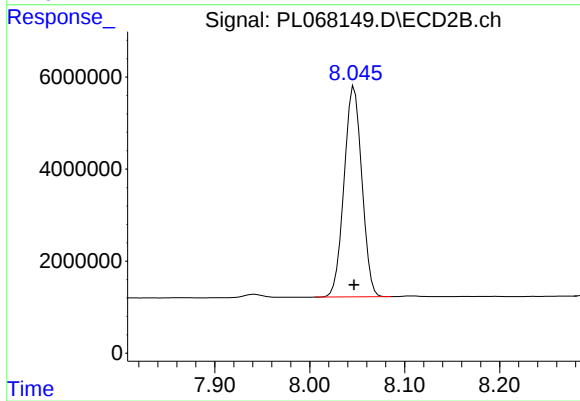
#7 delta-BHC

R.T.: 7.080 min  
Delta R.T.: 0.002 min  
Response: 42360393  
Conc: 34.77 ng/ml



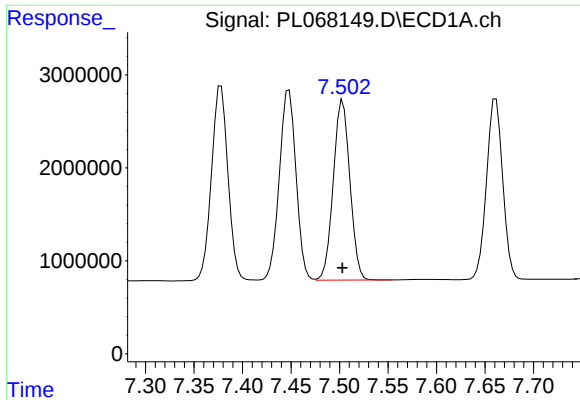
#8 Heptachlor epoxide

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 24640856  
Conc: 51.57 ng/ml



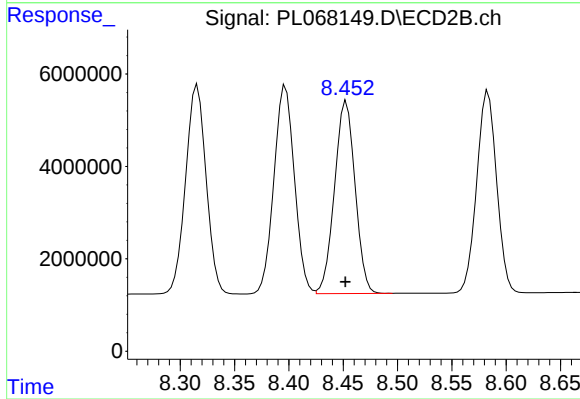
#8 Heptachlor epoxide

R.T.: 8.047 min  
Delta R.T.: 0.000 min  
Response: 59614024  
Conc: 53.63 ng/ml



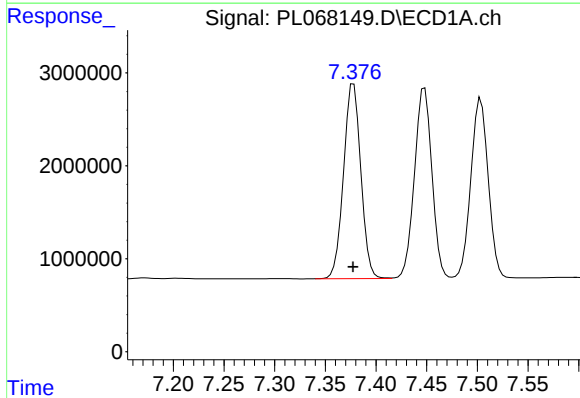
#9 Endosulfan I

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 23084716  
Conc: 51.73 ng/ml



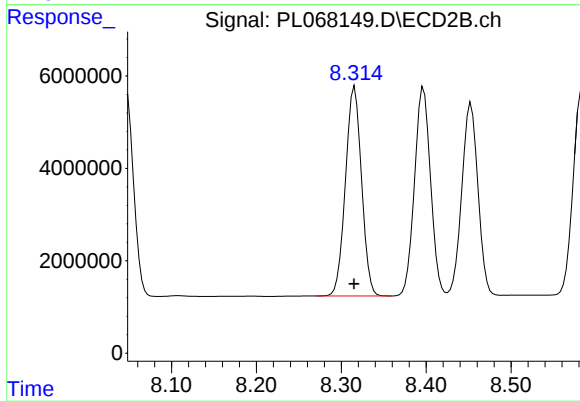
#9 Endosulfan I

R.T.: 8.453 min  
Delta R.T.: 0.000 min  
Response: 54940946  
Conc: 53.92 ng/ml



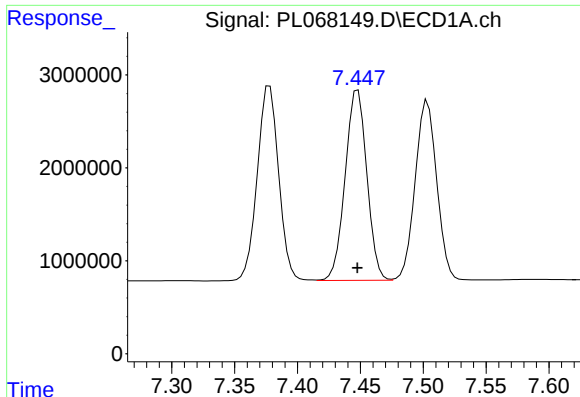
#10 gamma-Chlordane

R.T.: 7.378 min  
Delta R.T.: 0.000 min  
Response: 24802748  
Conc: 51.54 ng/ml



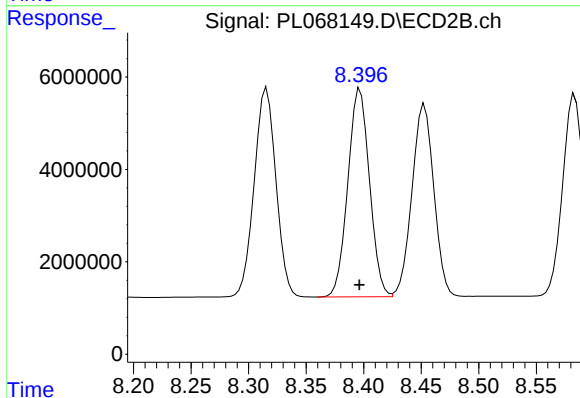
#10 gamma-Chlordane

R.T.: 8.316 min  
Delta R.T.: 0.000 min  
Response: 59516872  
Conc: 53.54 ng/ml



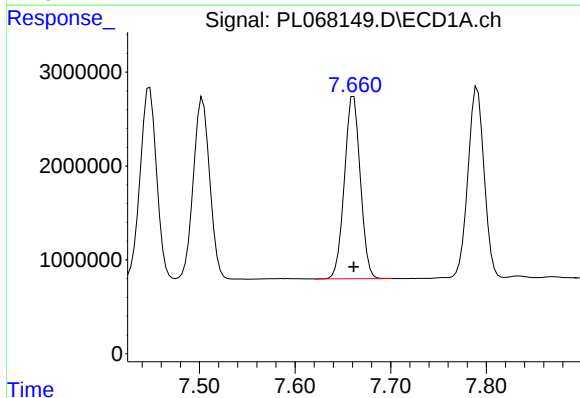
#11 alpha-Chlordane

R.T.: 7.448 min  
Delta R.T.: 0.000 min  
Response: 24603711  
Conc: 51.41 ng/ml



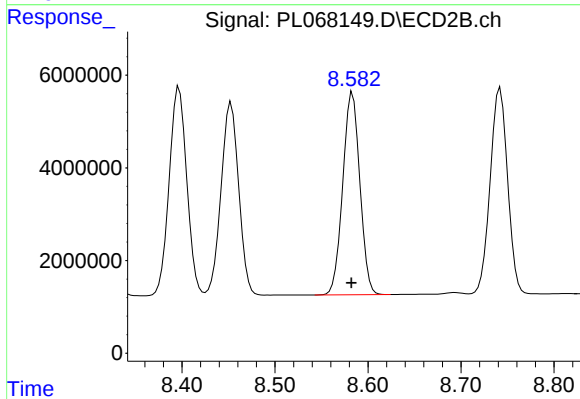
#11 alpha-Chlordane

R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 59299521  
Conc: 53.20 ng/ml



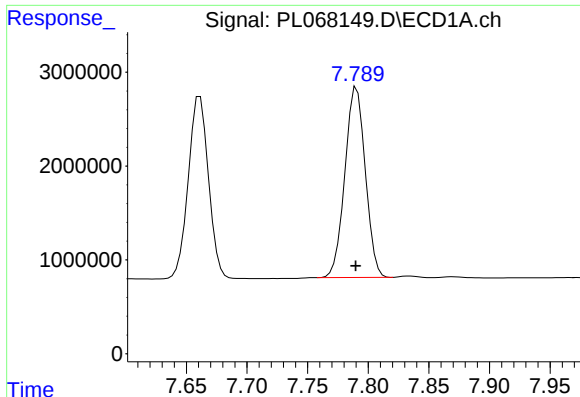
#12 4,4'-DDE

R.T.: 7.661 min  
Delta R.T.: 0.000 min  
Response: 22593382  
Conc: 52.27 ng/ml



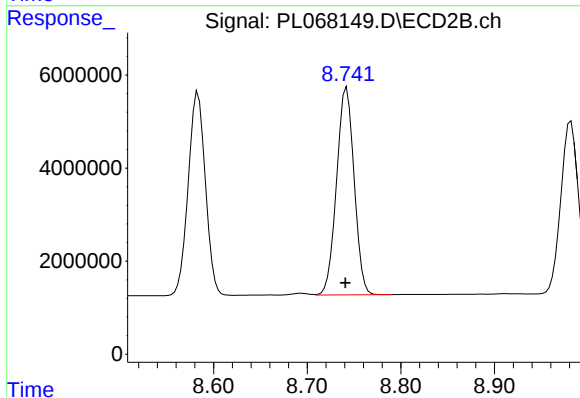
#12 4,4'-DDE

R.T.: 8.583 min  
Delta R.T.: 0.001 min  
Response: 55846949  
Conc: 55.02 ng/ml



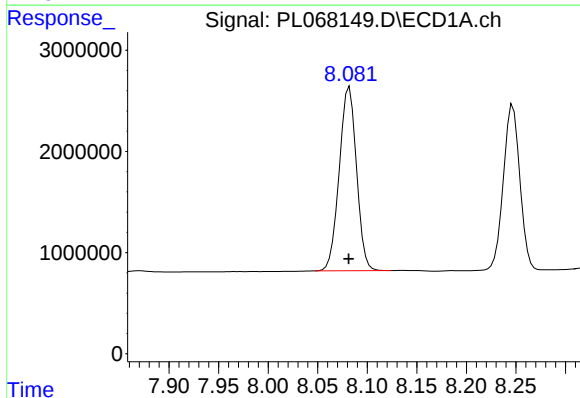
#13 Dieldrin

R.T.: 7.791 min  
Delta R.T.: 0.000 min  
Response: 23796278  
Conc: 52.34 ng/ml



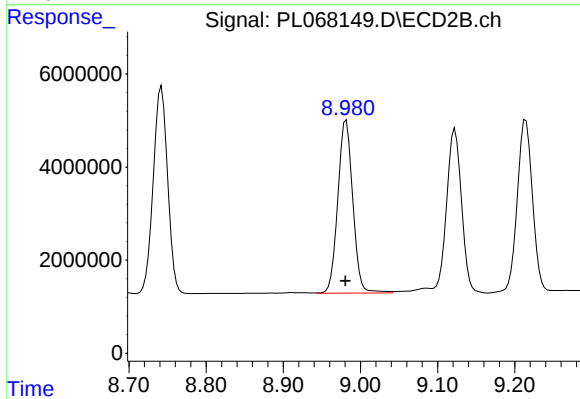
#13 Dieldrin

R.T.: 8.742 min  
Delta R.T.: 0.001 min  
Response: 58065457  
Conc: 55.70 ng/ml



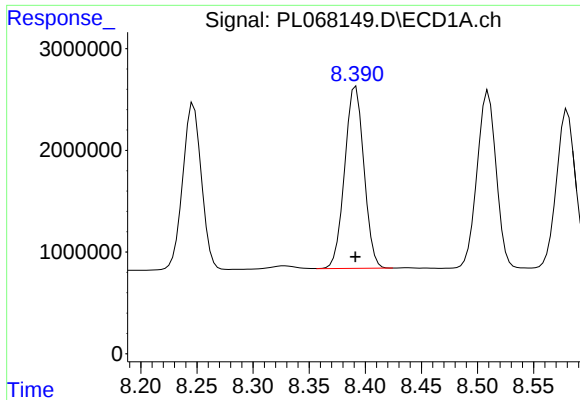
#14 Endrin

R.T.: 8.082 min  
Delta R.T.: 0.000 min  
Response: 22026368  
Conc: 51.14 ng/ml



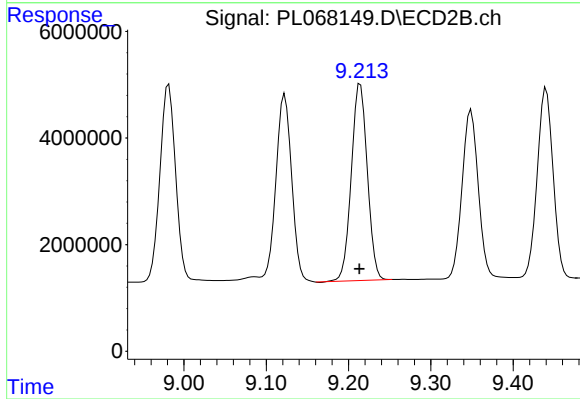
#14 Endrin

R.T.: 8.982 min  
Delta R.T.: 0.001 min  
Response: 50096627  
Conc: 56.50 ng/ml



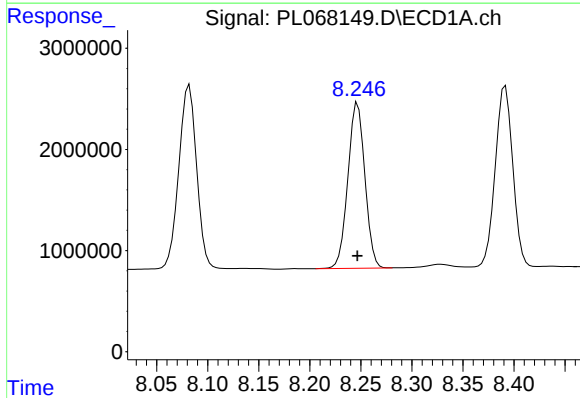
#15 Endosulfan II

R.T.: 8.392 min  
Delta R.T.: 0.000 min  
Response: 21367360  
Conc: 54.00 ng/ml



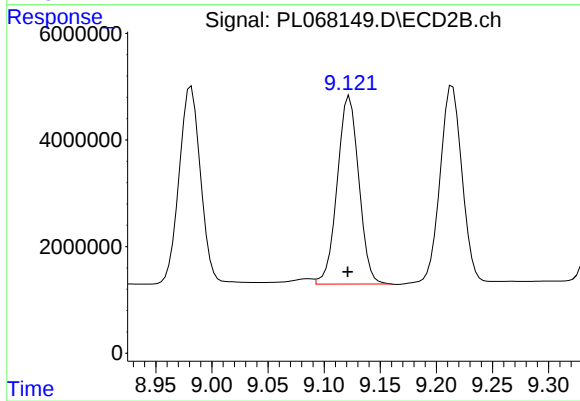
#15 Endosulfan II

R.T.: 9.214 min  
Delta R.T.: 0.001 min  
Response: 49864189  
Conc: 56.32 ng/ml



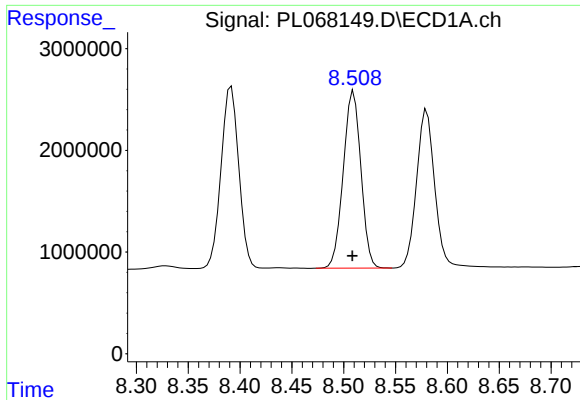
#16 4,4'-DDD

R.T.: 8.247 min  
Delta R.T.: 0.000 min  
Response: 18979964  
Conc: 51.61 ng/ml



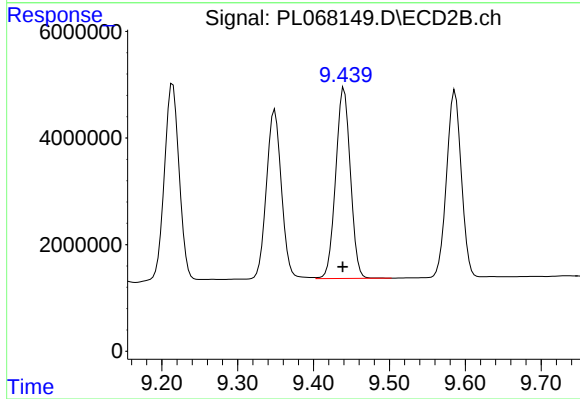
#16 4,4'-DDD

R.T.: 9.123 min  
Delta R.T.: 0.002 min  
Response: 47159390  
Conc: 55.04 ng/ml



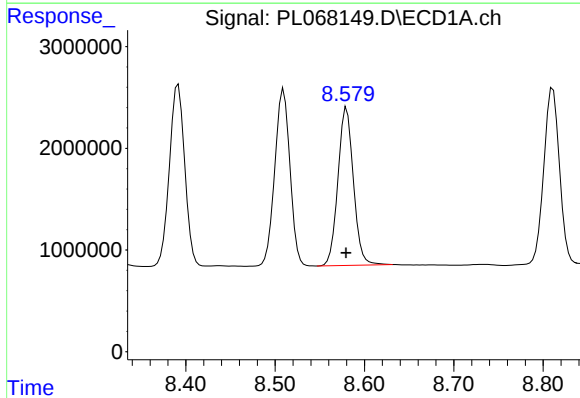
#17 4,4'-DDT

R.T.: 8.510 min  
Delta R.T.: 0.001 min  
Response: 20606735  
Conc: 50.95 ng/ml



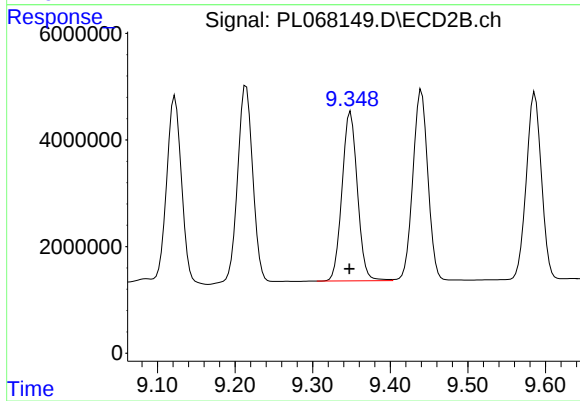
#17 4,4'-DDT

R.T.: 9.440 min  
Delta R.T.: 0.002 min  
Response: 48180991  
Conc: 51.09 ng/ml



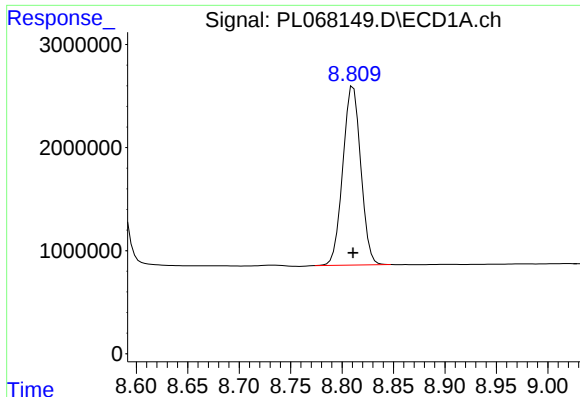
#18 Endrin aldehyde

R.T.: 8.580 min  
Delta R.T.: 0.000 min  
Response: 18707203  
Conc: 60.01 ng/ml



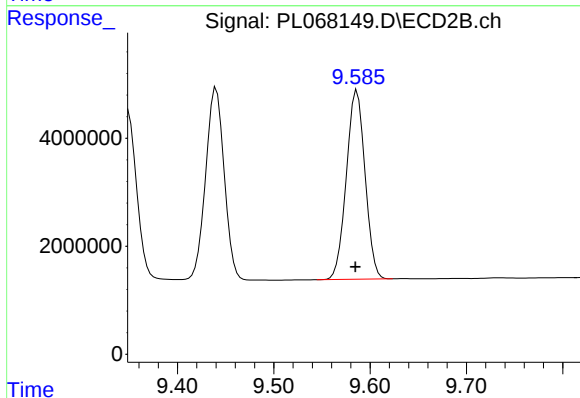
#18 Endrin aldehyde

R.T.: 9.349 min  
Delta R.T.: 0.002 min  
Response: 43732503  
Conc: 59.96 ng/ml



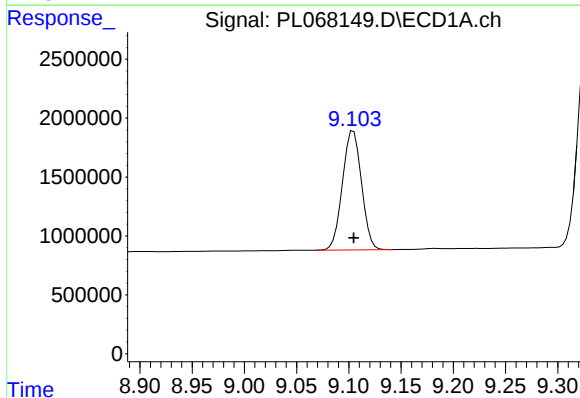
#19 Endosulfan Sulfate

R.T.: 8.811 min  
Delta R.T.: 0.000 min  
Response: 21081204  
Conc: 51.18 ng/ml



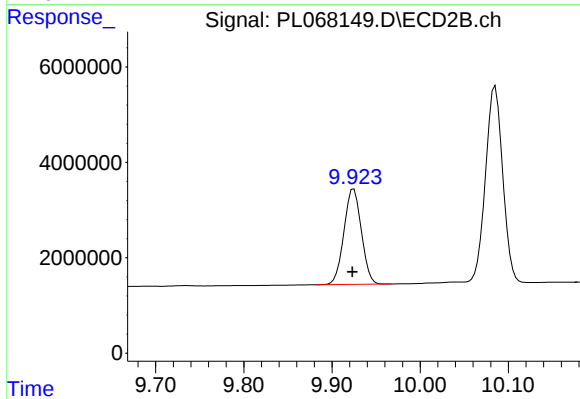
#19 Endosulfan Sulfate

R.T.: 9.586 min  
Delta R.T.: 0.002 min  
Response: 47081936  
Conc: 52.66 ng/ml



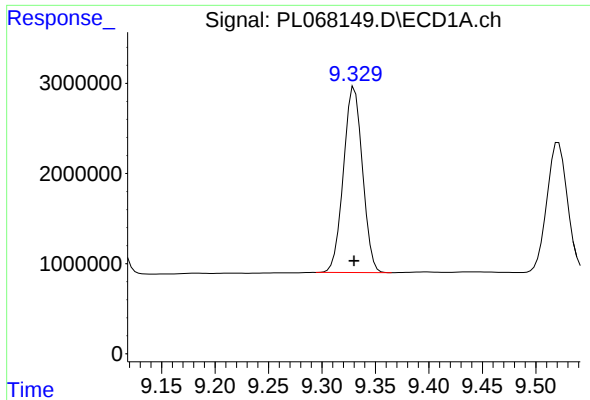
#20 Methoxychlor

R.T.: 9.104 min  
Delta R.T.: 0.000 min  
Response: 12817570  
Conc: 54.08 ng/ml



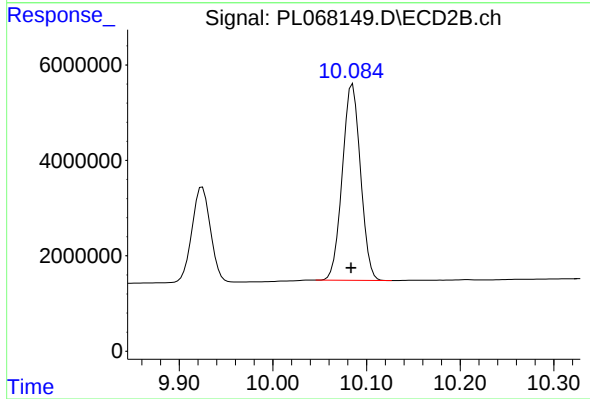
#20 Methoxychlor

R.T.: 9.925 min  
Delta R.T.: 0.002 min  
Response: 27464644  
Conc: 53.81 ng/ml



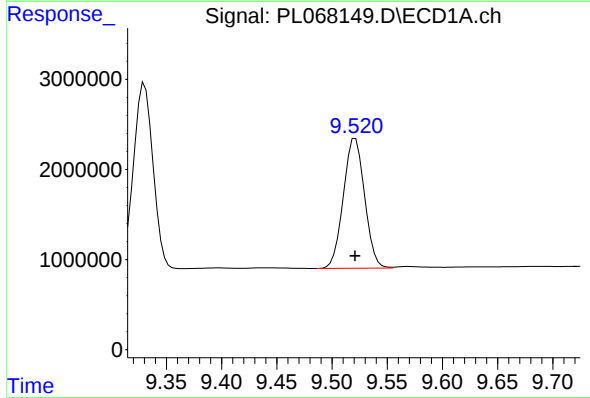
#21 Endrin ketone

R.T.: 9.330 min  
Delta R.T.: 0.000 min  
Response: 25501286  
Conc: 55.89 ng/ml



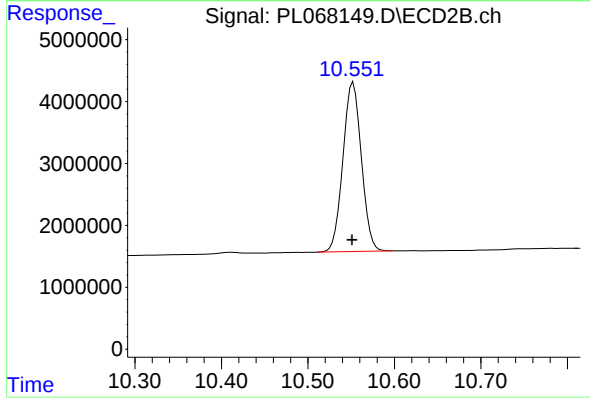
#21 Endrin ketone

R.T.: 10.085 min  
Delta R.T.: 0.002 min  
Response: 55664306  
Conc: 56.30 ng/ml



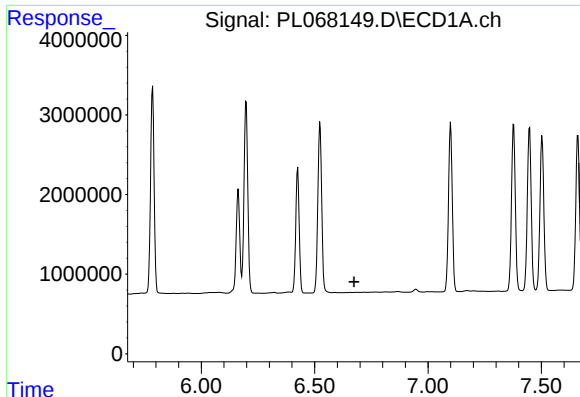
#22 Mirex

R.T.: 9.521 min  
Delta R.T.: 0.000 min  
Response: 19283008  
Conc: 53.84 ng/ml



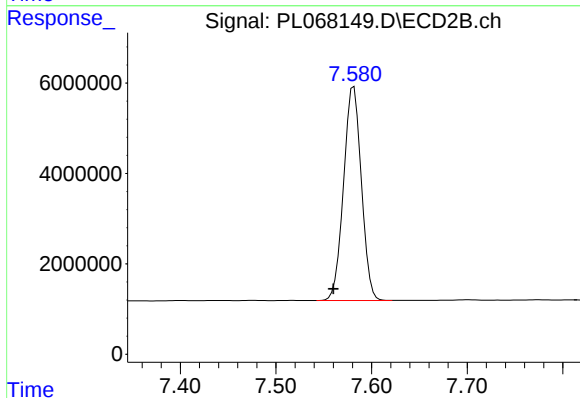
#22 Mirex

R.T.: 10.552 min  
Delta R.T.: 0.001 min  
Response: 40284967  
Conc: 52.94 ng/ml



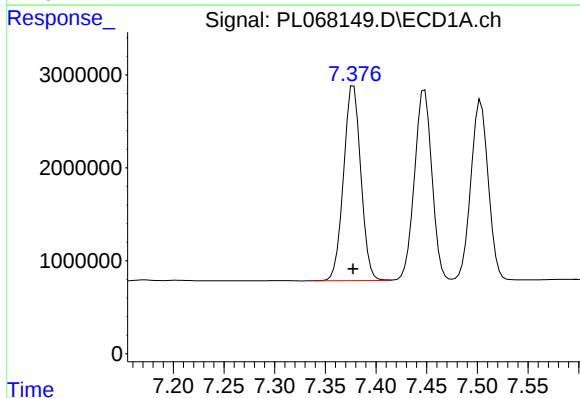
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.675 min  
Response: 0  
Conc: N.D.



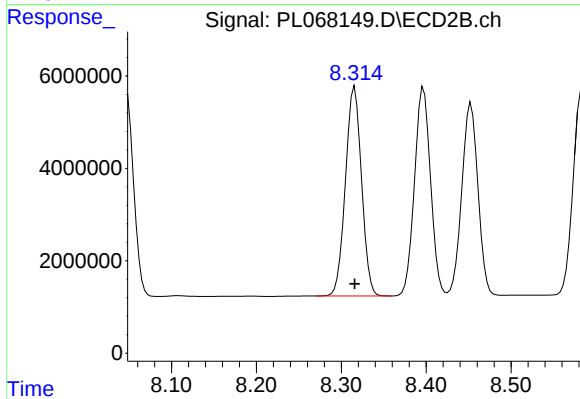
#24 Chlordane-2

R.T.: 7.581 min  
Delta R.T.: 0.021 min  
Response: 61413056  
Conc: 1339.88 ng/ml



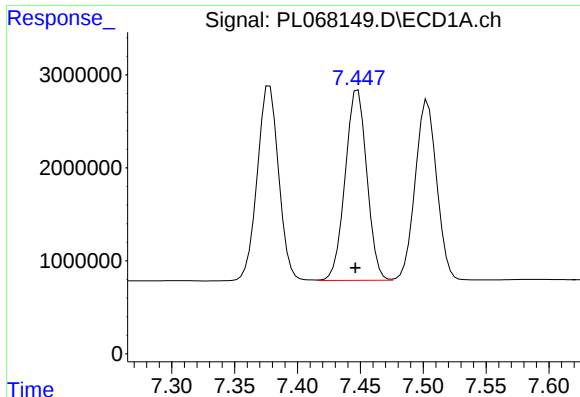
#25 Chlordane-3

R.T.: 7.378 min  
Delta R.T.: 0.000 min  
Response: 24802748  
Conc: 488.06 ng/ml



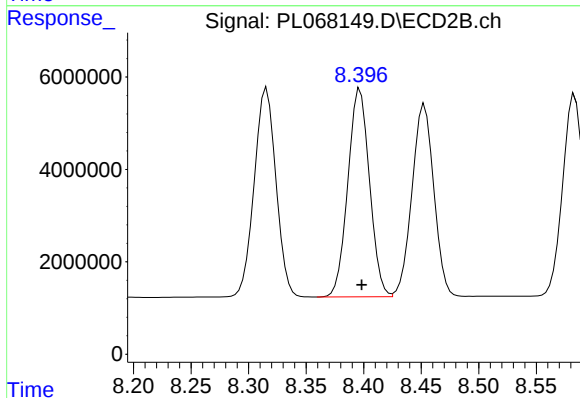
#25 Chlordane-3

R.T.: 8.316 min  
Delta R.T.: 0.000 min  
Response: 59516872  
Conc: 368.71 ng/ml



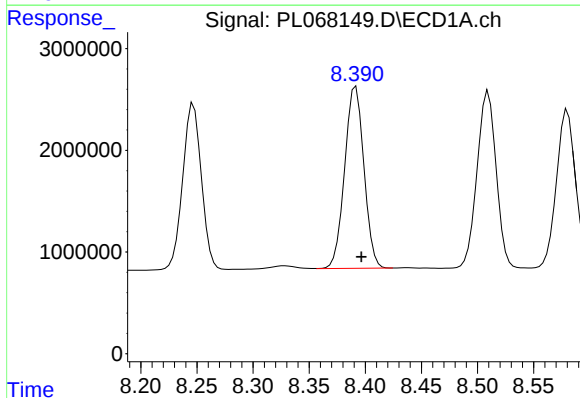
#26 Chlordane-4

R.T.: 7.448 min  
Delta R.T.: 0.002 min  
Response: 24603711  
Conc: 464.40 ng/ml



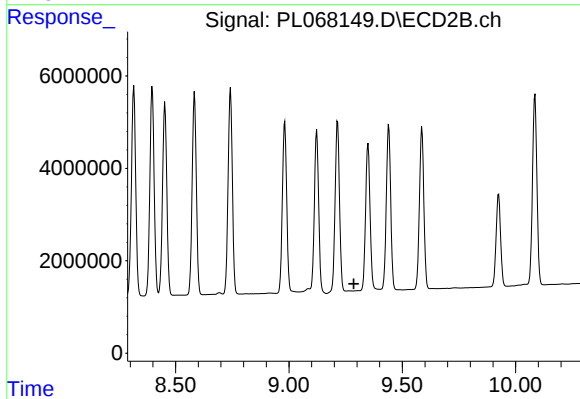
#26 Chlordane-4

R.T.: 8.397 min  
Delta R.T.: -0.001 min  
Response: 59299521  
Conc: 300.53 ng/ml



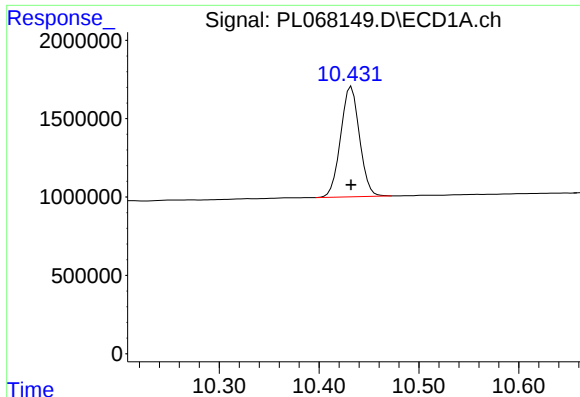
#27 Chlordane-5

R.T.: 8.392 min  
Delta R.T.: -0.005 min  
Response: 21367360  
Conc: 1188.33 ng/ml



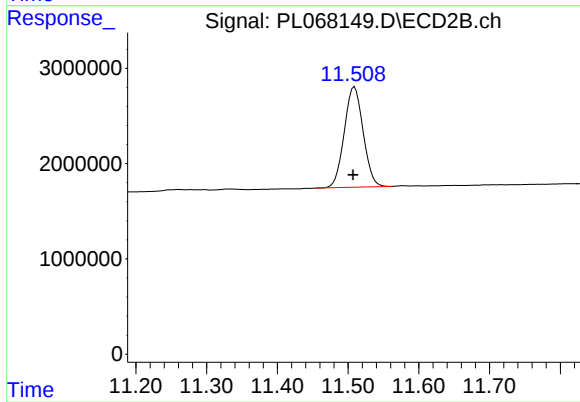
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 9.287 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.432 min  
Delta R.T.: 0.000 min  
Response: 9251998  
Conc: 22.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.509 min  
Delta R.T.: 0.002 min  
Response: 19587236  
Conc: 21.77 ng/ml