

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031423\  
 Data File : PL081447.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2023 11:36  
 Operator : AR\AJ  
 Sample : 01627-07  
 Misc : PEST LOD 2.5PPB WATER  
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 21:30:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 2023  
 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

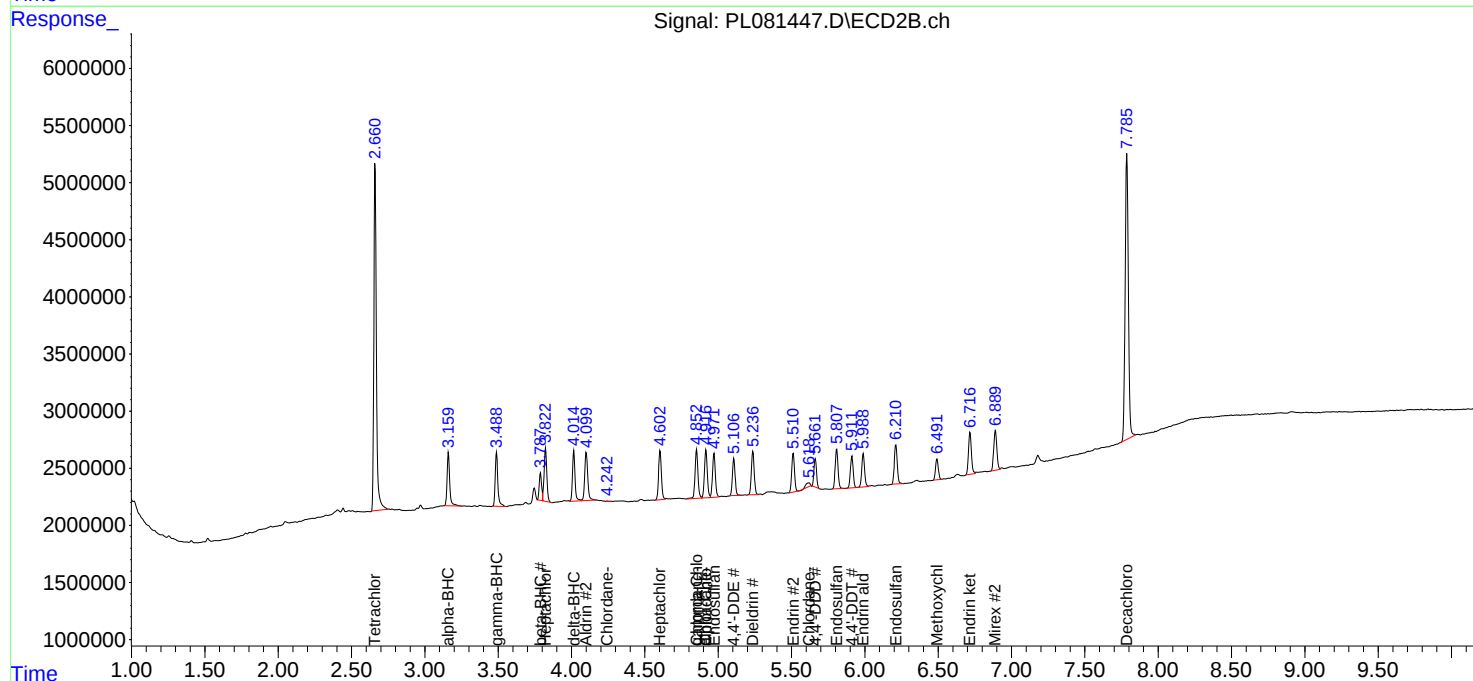
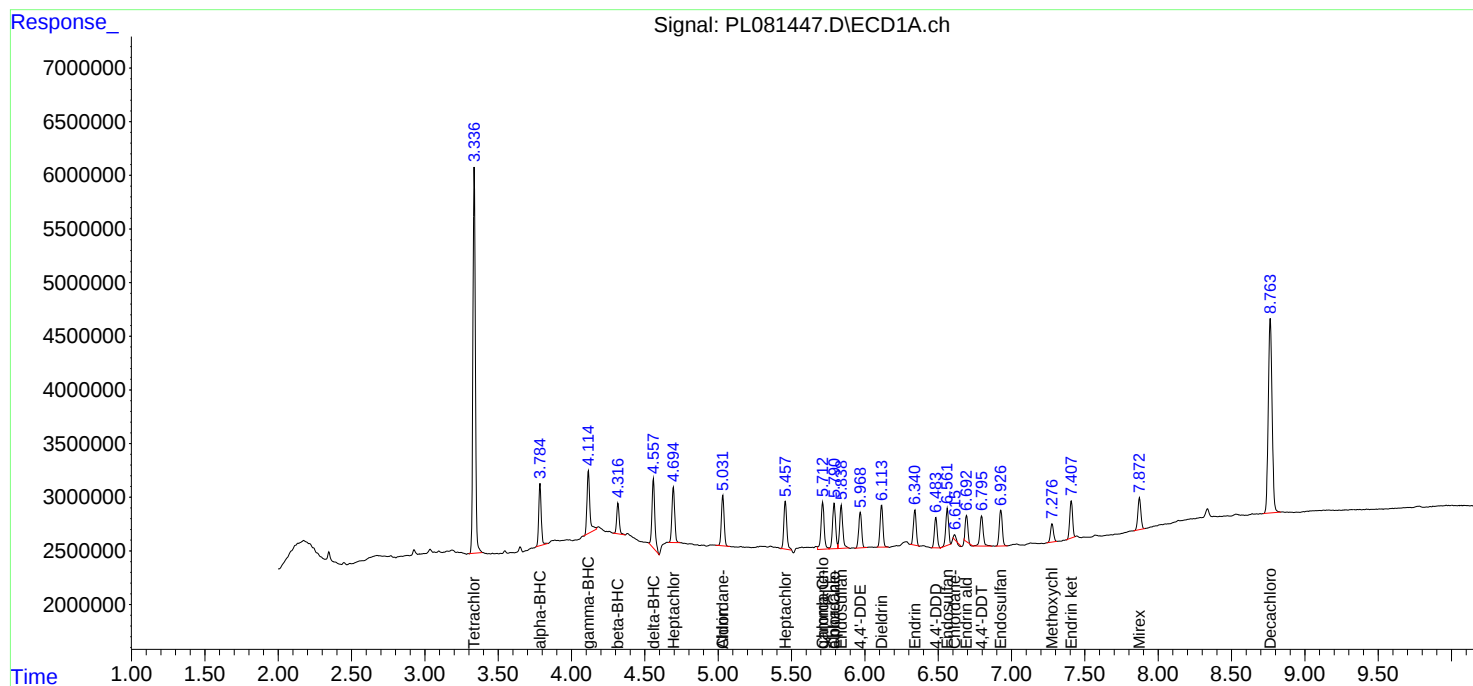
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.337  | 2.661  | 41624458 | 35908776 | 19.266 | 17.743   |
| 28)                         | SA Decachlor... | 8.765  | 7.787  | 33142066 | 37892232 | 21.739 | 19.782   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.786  | 3.161  | 6907222  | 5859489  | 2.171  | 1.999    |
| 3)                          | MA gamma-BHC... | 4.115  | 3.489  | 7837826  | 5899560  | 2.649  | 2.144    |
| 4)                          | MA Heptachlor   | 4.695  | 3.823  | 6743896  | 5932541  | 2.444  | 2.150    |
| 5)                          | MB Aldrin       | 5.032  | 4.101  | 6188632  | 5977245  | 2.433  | 2.280    |
| 6)                          | B beta-BHC      | 4.317  | 3.789  | 3509147  | 2651686  | 2.549  | 2.285    |
| 7)                          | B delta-BHC     | 4.559  | 4.016  | 8900005  | 5426884  | 3.202  | 2.131 #  |
| 8)                          | B Heptachlo...  | 5.458  | 4.604  | 6287823  | 5740834  | 2.664  | 2.374    |
| 9)                          | A Endosulfan I  | 5.840  | 4.972  | 5864578  | 5204537  | 2.776  | 2.299    |
| 10)                         | B gamma-Chl...  | 5.713  | 4.853  | 6556514  | 5952588  | 2.873  | 2.432    |
| 11)                         | B alpha-Chl...  | 5.791  | 4.917  | 6108352  | 5804157  | 2.711  | 2.370    |
| 12)                         | B 4,4'-DDE      | 5.970  | 5.107  | 4522618  | 4202604  | 2.311  | 2.141    |
| 13)                         | MA Dieldrin     | 6.115  | 5.237  | 5373505  | 5164020  | 2.567  | 2.291    |
| 14)                         | MA Endrin       | 6.342  | 5.512  | 4279630  | 4562135  | 2.355  | 2.270    |
| 15)                         | B Endosulfa...  | 6.563  | 5.808  | 4525394  | 4717378  | 2.596  | 2.559    |
| 16)                         | A 4,4'-DDD      | 6.485  | 5.662  | 3812037  | 2992852  | 2.476  | 1.951    |
| 17)                         | MA 4,4'-DDT     | 6.797  | 5.912  | 4398052  | 3667944  | 2.771  | 2.286    |
| 18)                         | B Endrin al...  | 6.694  | 5.989  | 2871617  | 3942521  | 2.006  | 2.602 #  |
| 19)                         | B Endosulfa...  | 6.928  | 6.212  | 4717009  | 4695646  | 2.627  | 2.443    |
| 20)                         | A Methoxychlor  | 7.278  | 6.492  | 2407910  | 2418159  | 2.795  | 2.606    |
| 21)                         | B Endrin ke...  | 7.408  | 6.717  | 4530392  | 5164022  | 2.497  | 2.398    |
| 22)                         | Mirex           | 7.873  | 6.890  | 4295064  | 5140814  | 2.944  | 2.671    |
| 24)                         | Chlordane-2     | 5.032f | 4.244  | 6188632  | 49475    | 61.837 | 0.483 #  |
| 25)                         | Chlordane-3     | 5.713  | 4.853  | 6556514  | 5952588  | 17.925 | 22.025   |
| 26)                         | Chlordane-4     | 5.791  | 4.917  | 6108352  | 5804157  | 13.897 | 20.667 # |
| 27)                         | Chlordane-5     | 6.613f | 5.619f | 363485   | 715069   | 4.823  | 10.351 # |
| -----                       |                 |        |        |          |          |        |          |

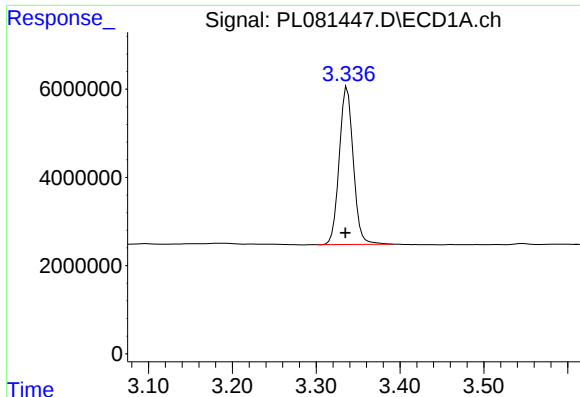
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031423\  
Data File : PL081447.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2023 11:36  
Operator : AR\AJ  
Sample : 01627-07  
Misc : PEST LOD 2.5PPB WATER  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 21:30:16 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 2023  
Response via : Initial Calibration  
Integrator: ChemStation

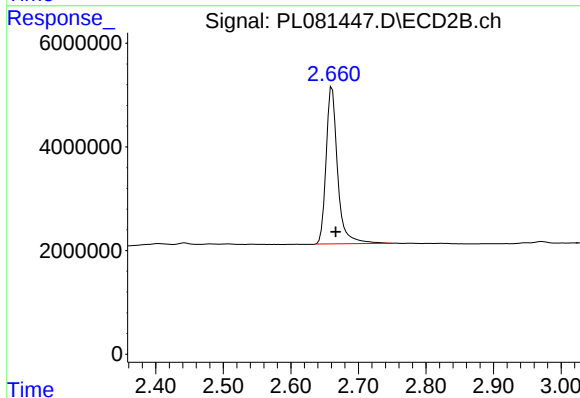
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





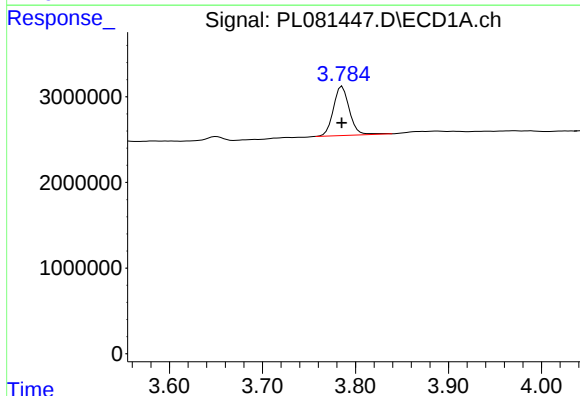
#1 Tetrachloro-m-xylene

R.T.: 3.337 min  
Delta R.T.: 0.002 min  
Response: 41624458  
Conc: 19.27 ng/ml



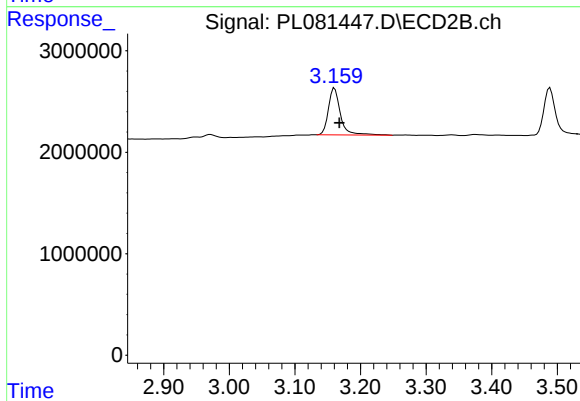
#1 Tetrachloro-m-xylene

R.T.: 2.661 min  
Delta R.T.: -0.005 min  
Response: 35908776  
Conc: 17.74 ng/ml



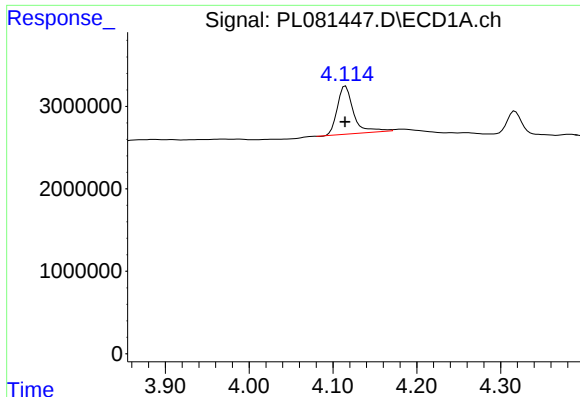
#2 alpha-BHC

R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 6907222  
Conc: 2.17 ng/ml



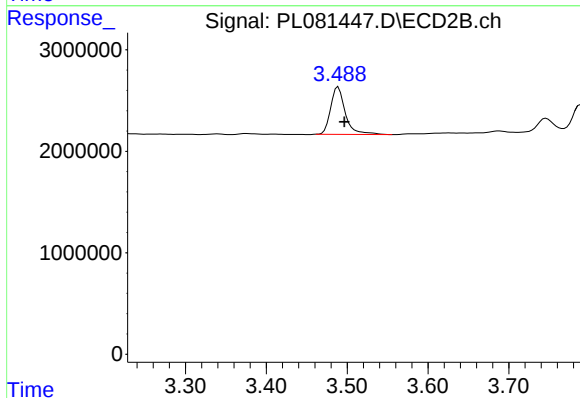
#2 alpha-BHC

R.T.: 3.161 min  
Delta R.T.: -0.007 min  
Response: 5859489  
Conc: 2.00 ng/ml



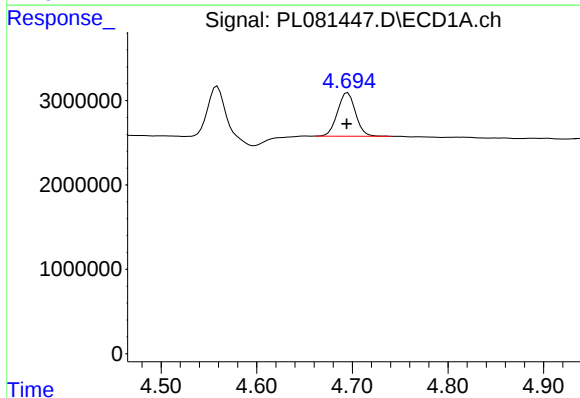
#3 gamma-BHC (Lindane)

R.T.: 4.115 min  
Delta R.T.: 0.000 min  
Response: 7837826  
Conc: 2.65 ng/ml



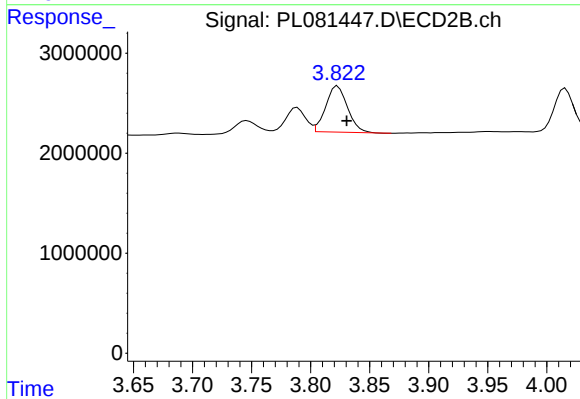
#3 gamma-BHC (Lindane)

R.T.: 3.489 min  
Delta R.T.: -0.007 min  
Response: 5899560  
Conc: 2.14 ng/ml



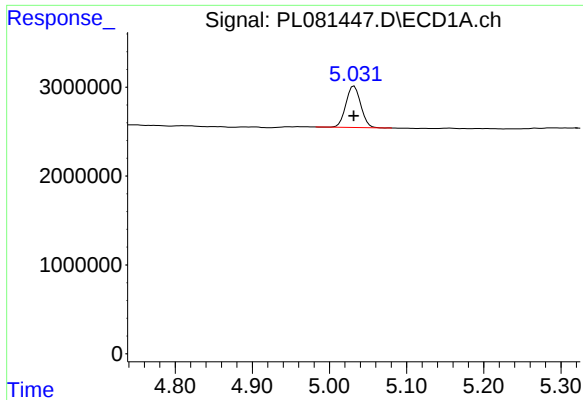
#4 Heptachlor

R.T.: 4.695 min  
Delta R.T.: 0.001 min  
Response: 6743896  
Conc: 2.44 ng/ml



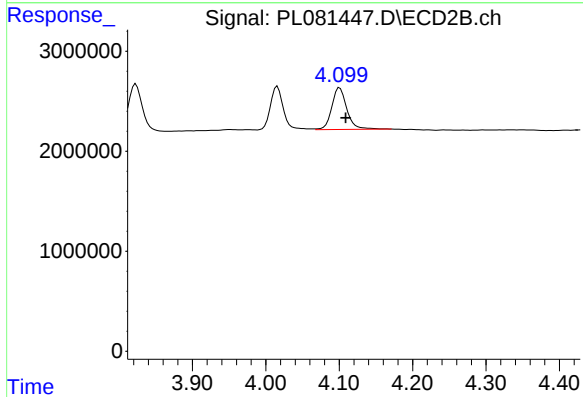
#4 Heptachlor

R.T.: 3.823 min  
Delta R.T.: -0.008 min  
Response: 5932541  
Conc: 2.15 ng/ml



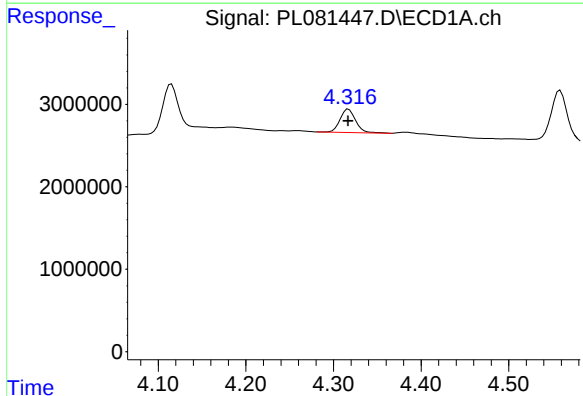
#5 Aldrin

R.T.: 5.032 min  
Delta R.T.: 0.000 min  
Response: 6188632  
Conc: 2.43 ng/ml



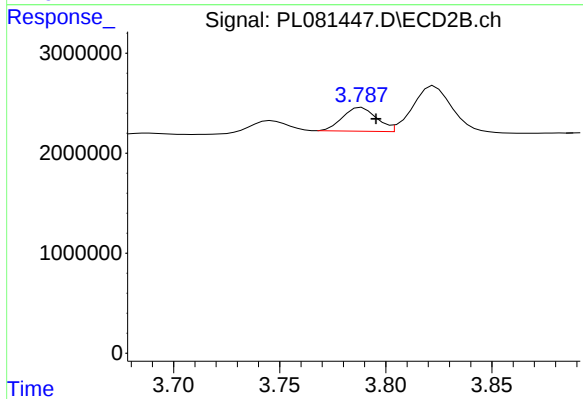
#5 Aldrin

R.T.: 4.101 min  
Delta R.T.: -0.008 min  
Response: 5977245  
Conc: 2.28 ng/ml



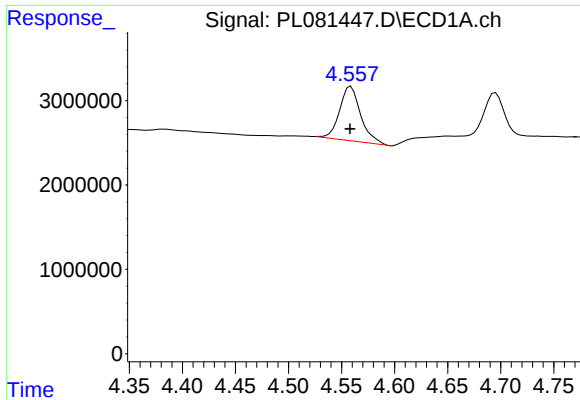
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 3509147  
Conc: 2.55 ng/ml



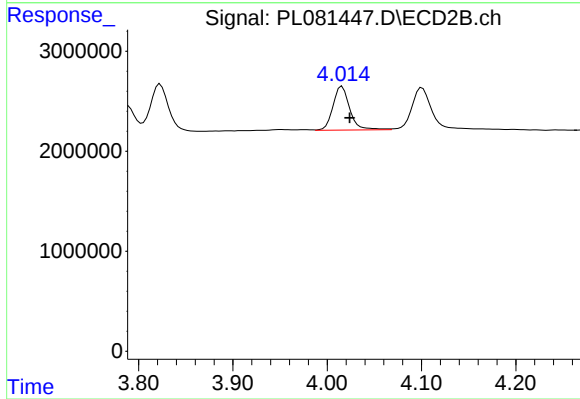
#6 beta-BHC

R.T.: 3.789 min  
Delta R.T.: -0.007 min  
Response: 2651686  
Conc: 2.28 ng/ml



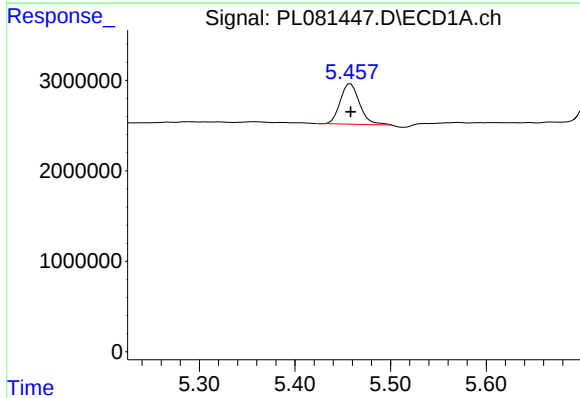
#7 delta-BHC

R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 8900005  
Conc: 3.20 ng/ml



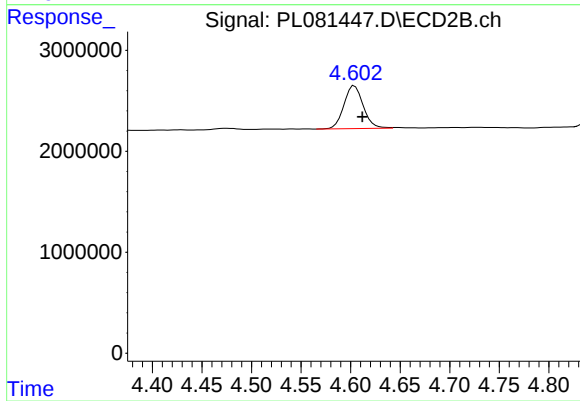
#7 delta-BHC

R.T.: 4.016 min  
Delta R.T.: -0.008 min  
Response: 5426884  
Conc: 2.13 ng/ml



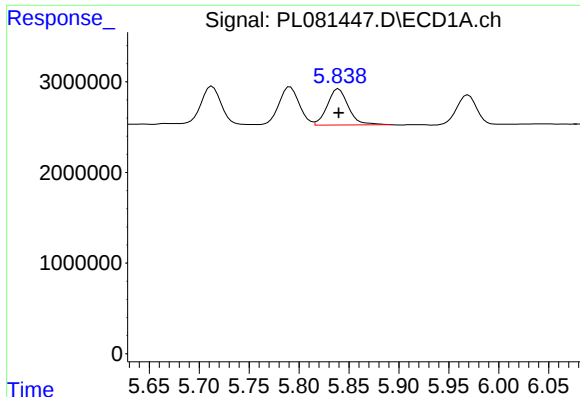
#8 Heptachlor epoxide

R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 6287823  
Conc: 2.66 ng/ml



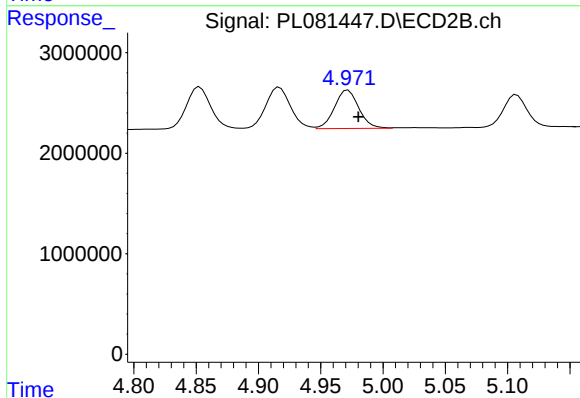
#8 Heptachlor epoxide

R.T.: 4.604 min  
Delta R.T.: -0.008 min  
Response: 5740834  
Conc: 2.37 ng/ml



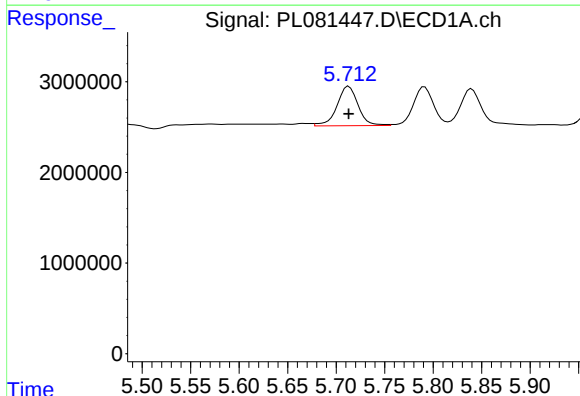
#9 Endosulfan I

R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 5864578  
Conc: 2.78 ng/ml



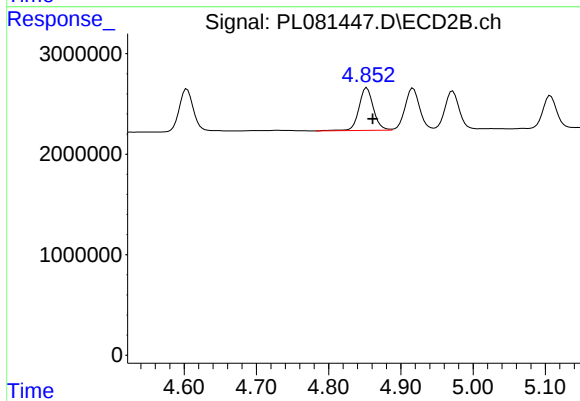
#9 Endosulfan I

R.T.: 4.972 min  
Delta R.T.: -0.008 min  
Response: 5204537  
Conc: 2.30 ng/ml



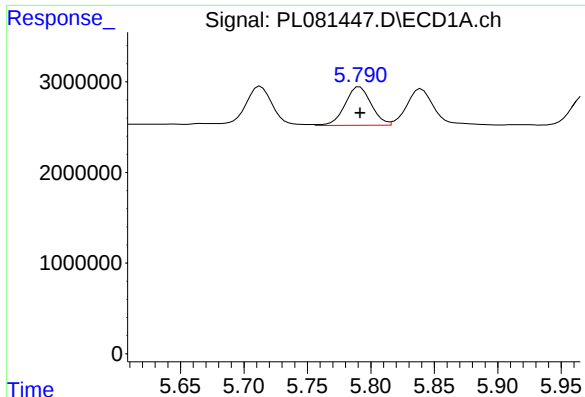
#10 gamma-Chlordane

R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 6556514  
Conc: 2.87 ng/ml



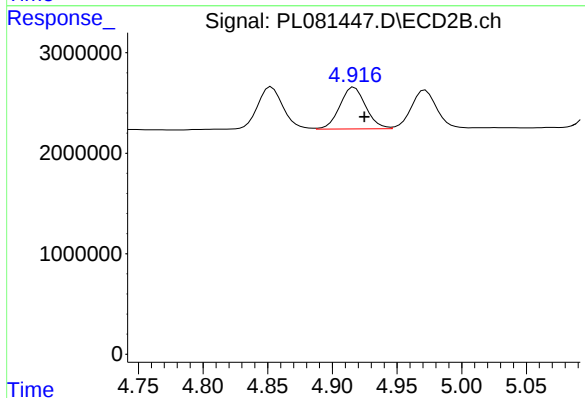
#10 gamma-Chlordane

R.T.: 4.853 min  
Delta R.T.: -0.008 min  
Response: 5952588  
Conc: 2.43 ng/ml



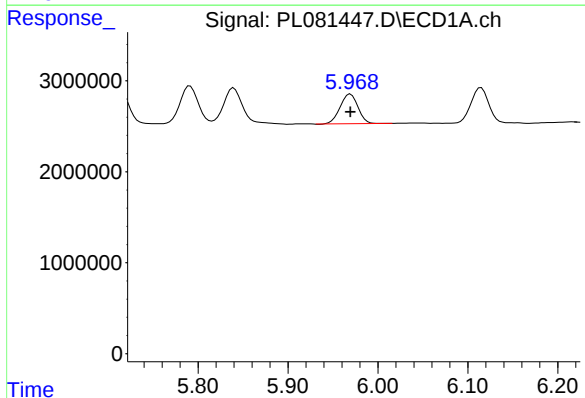
#11 alpha-Chlordane

R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 6108352  
Conc: 2.71 ng/ml



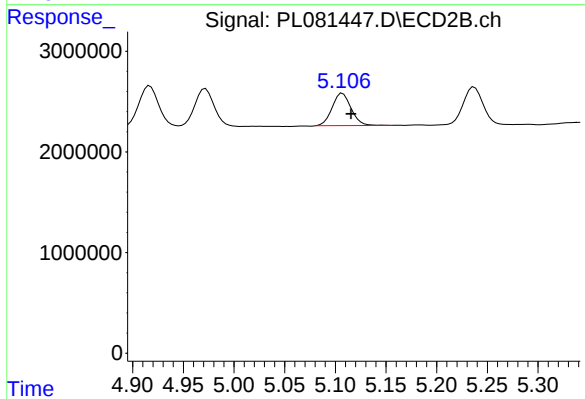
#11 alpha-Chlordane

R.T.: 4.917 min  
Delta R.T.: -0.008 min  
Response: 5804157  
Conc: 2.37 ng/ml



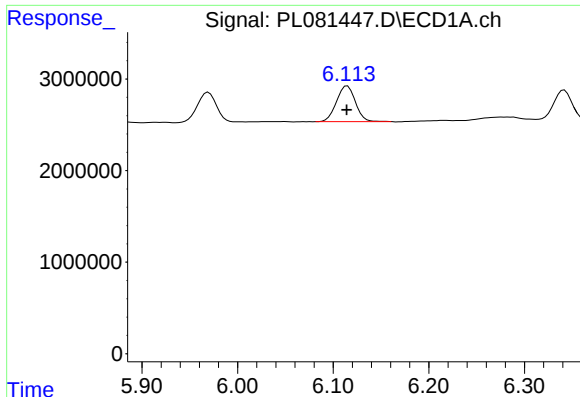
#12 4,4'-DDE

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 4522618  
Conc: 2.31 ng/ml



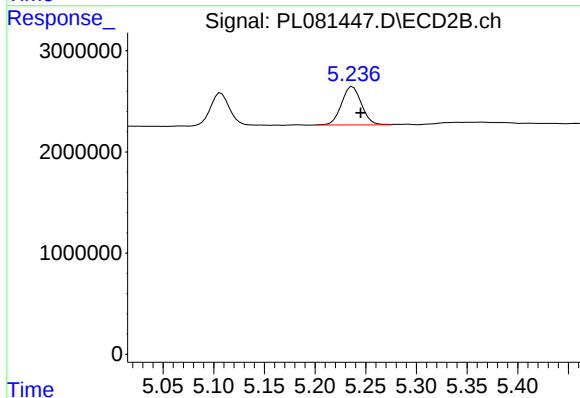
#12 4,4'-DDE

R.T.: 5.107 min  
Delta R.T.: -0.008 min  
Response: 4202604  
Conc: 2.14 ng/ml



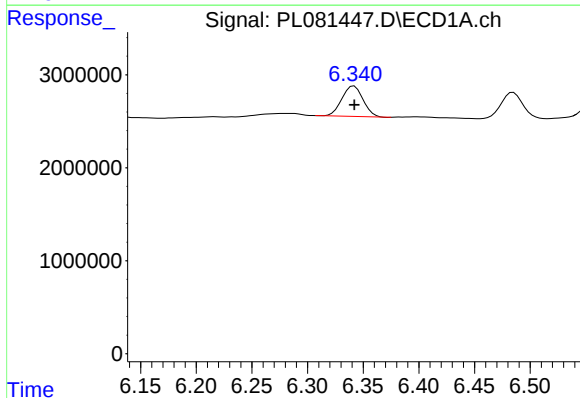
#13 Dieldrin

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 5373505  
Conc: 2.57 ng/ml



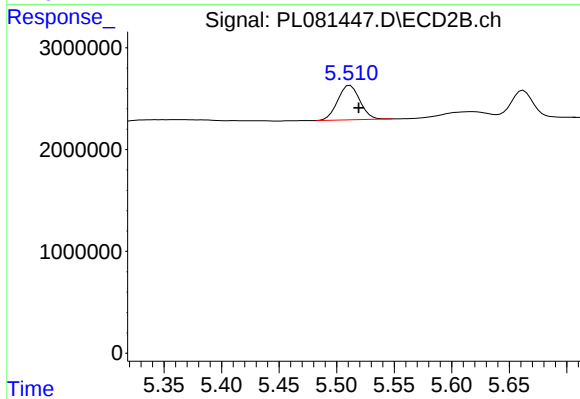
#13 Dieldrin

R.T.: 5.237 min  
Delta R.T.: -0.008 min  
Response: 5164020  
Conc: 2.29 ng/ml



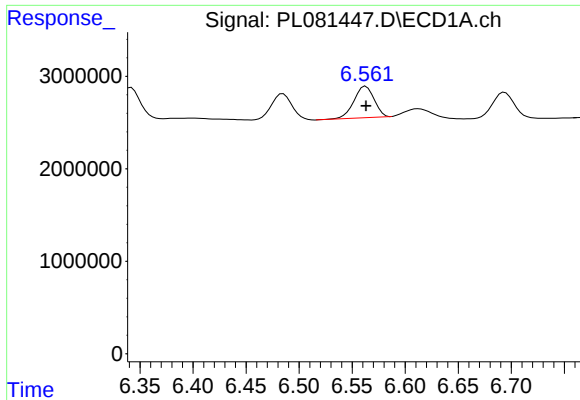
#14 Endrin

R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 4279630  
Conc: 2.35 ng/ml



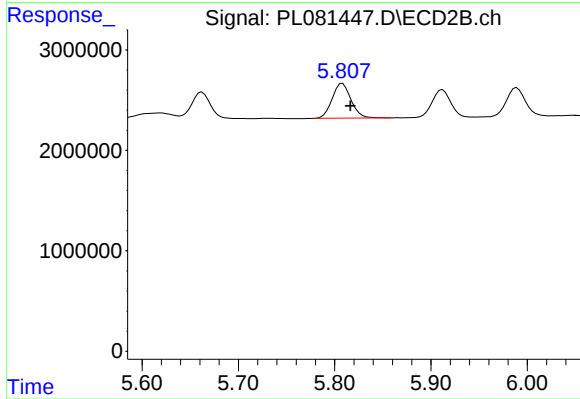
#14 Endrin

R.T.: 5.512 min  
Delta R.T.: -0.007 min  
Response: 4562135  
Conc: 2.27 ng/ml



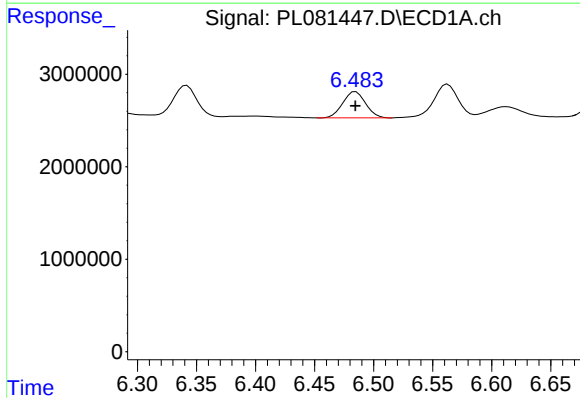
#15 Endosulfan II

R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 4525394  
Conc: 2.60 ng/ml



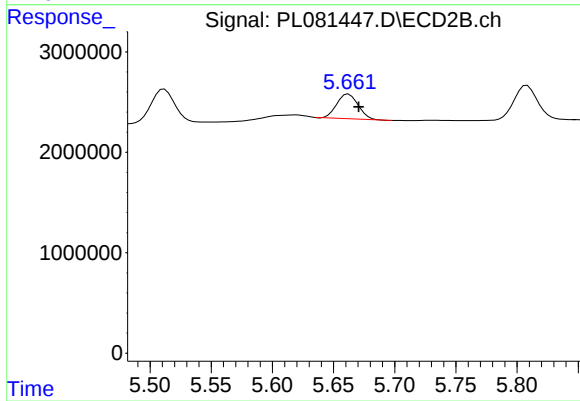
#15 Endosulfan II

R.T.: 5.808 min  
Delta R.T.: -0.008 min  
Response: 4717378  
Conc: 2.56 ng/ml



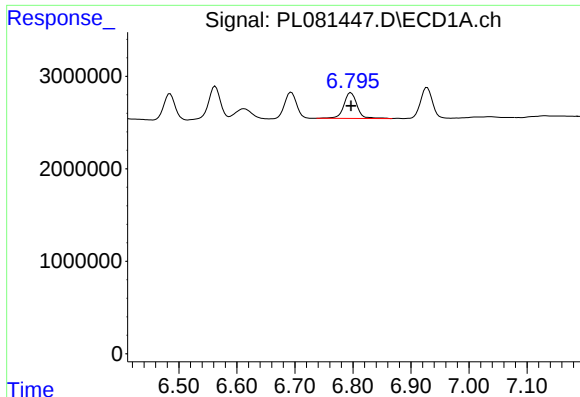
#16 4,4'-DDD

R.T.: 6.485 min  
Delta R.T.: 0.000 min  
Response: 3812037  
Conc: 2.48 ng/ml



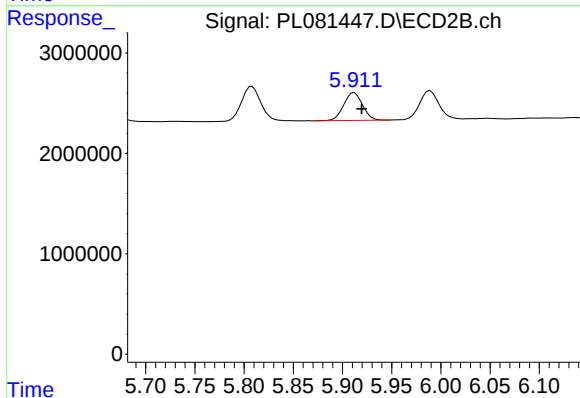
#16 4,4'-DDD

R.T.: 5.662 min  
Delta R.T.: -0.008 min  
Response: 2992852  
Conc: 1.95 ng/ml



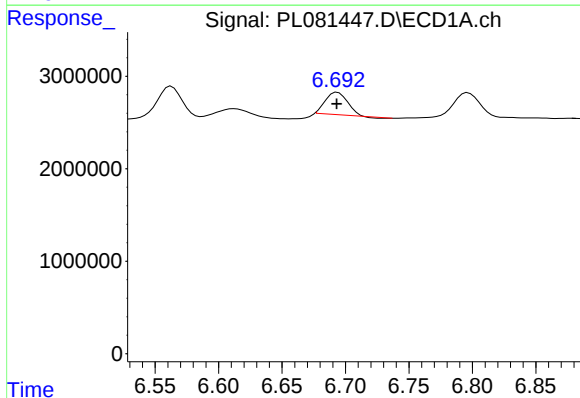
#17 4,4'-DDT

R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 4398052  
Conc: 2.77 ng/ml



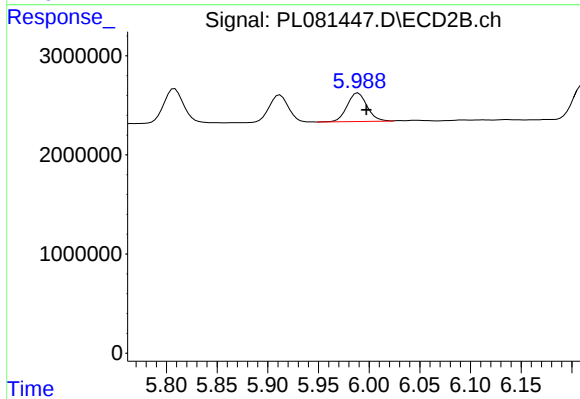
#17 4,4'-DDT

R.T.: 5.912 min  
Delta R.T.: -0.008 min  
Response: 3667944  
Conc: 2.29 ng/ml



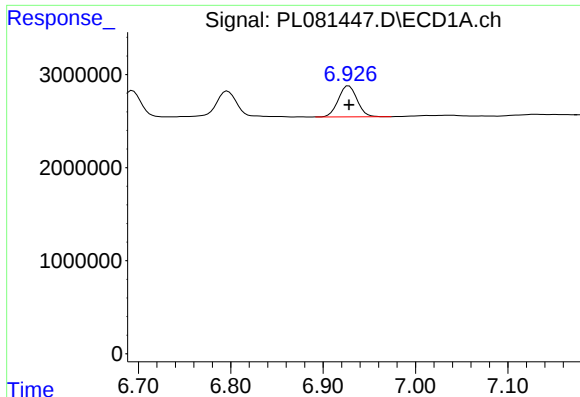
#18 Endrin aldehyde

R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 2871617  
Conc: 2.01 ng/ml



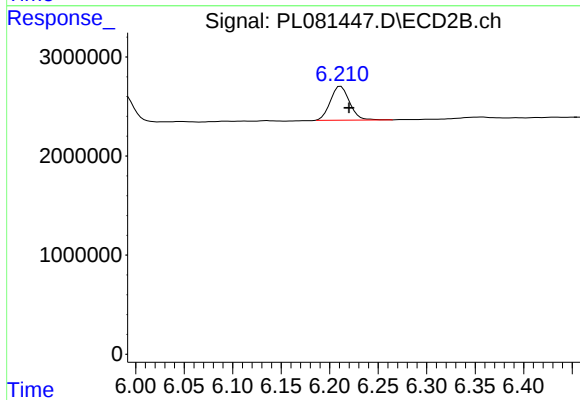
#18 Endrin aldehyde

R.T.: 5.989 min  
Delta R.T.: -0.008 min  
Response: 3942521  
Conc: 2.60 ng/ml



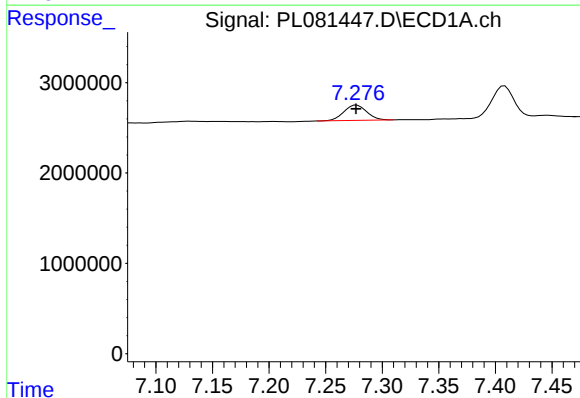
#19 Endosulfan Sulfate

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 4717009  
Conc: 2.63 ng/ml



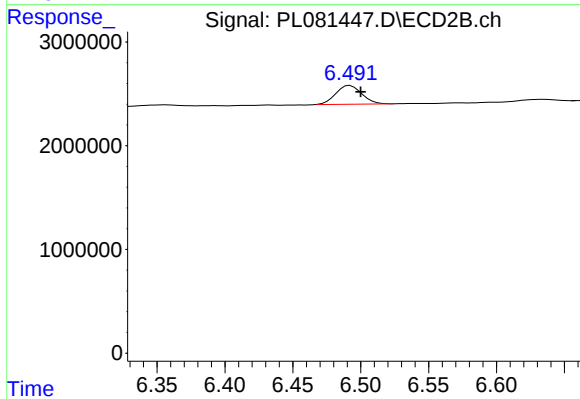
#19 Endosulfan Sulfate

R.T.: 6.212 min  
Delta R.T.: -0.008 min  
Response: 4695646  
Conc: 2.44 ng/ml



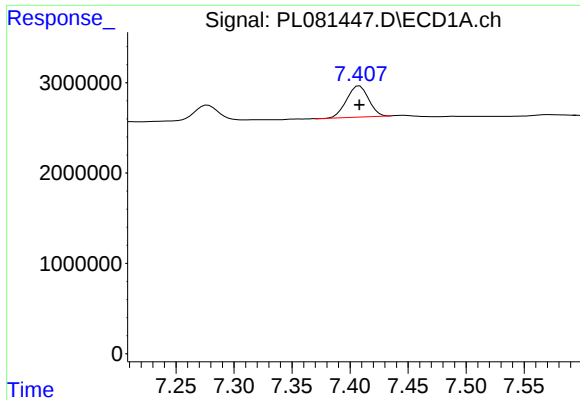
#20 Methoxychlor

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 2407910  
Conc: 2.80 ng/ml



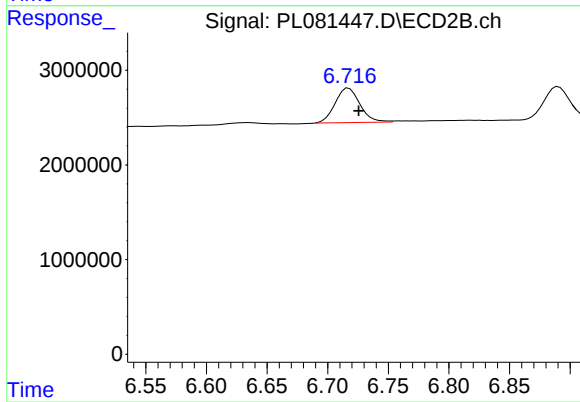
#20 Methoxychlor

R.T.: 6.492 min  
Delta R.T.: -0.008 min  
Response: 2418159  
Conc: 2.61 ng/ml



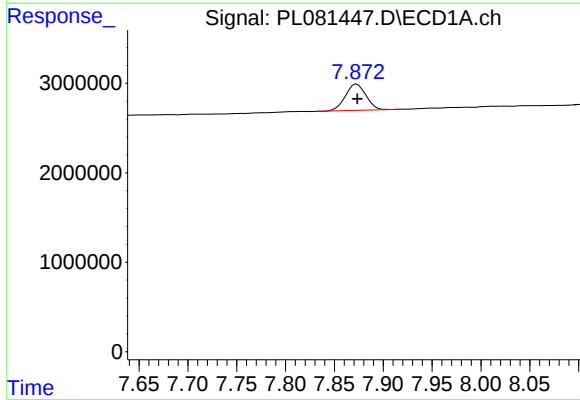
#21 Endrin ketone

R.T.: 7.408 min  
Delta R.T.: 0.000 min  
Response: 4530392  
Conc: 2.50 ng/ml



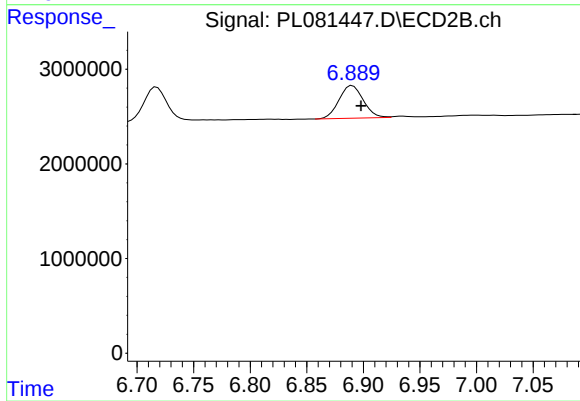
#21 Endrin ketone

R.T.: 6.717 min  
Delta R.T.: -0.008 min  
Response: 5164022  
Conc: 2.40 ng/ml



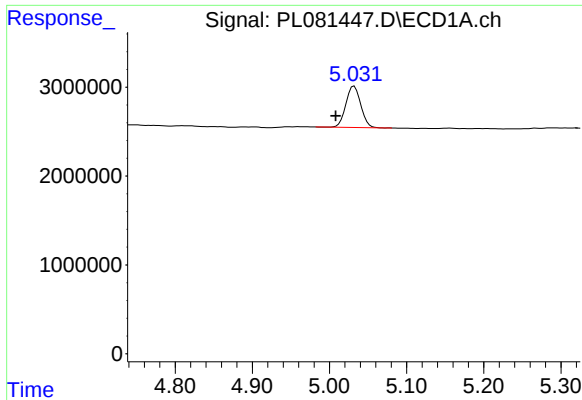
#22 Mirex

R.T.: 7.873 min  
Delta R.T.: 0.000 min  
Response: 4295064  
Conc: 2.94 ng/ml



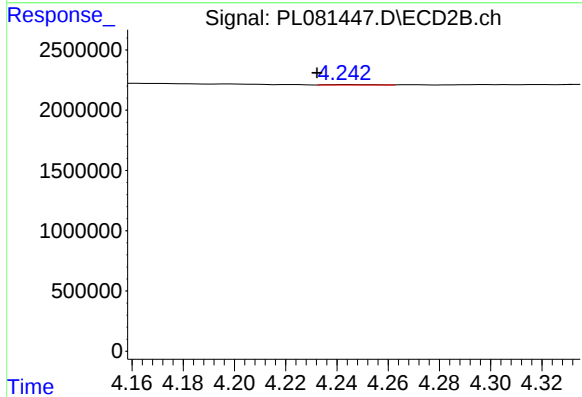
#22 Mirex

R.T.: 6.890 min  
Delta R.T.: -0.008 min  
Response: 5140814  
Conc: 2.67 ng/ml



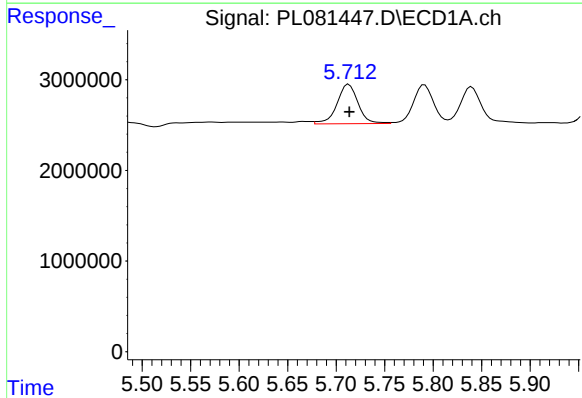
#24 Chlordane-2

R.T.: 5.032 min  
Delta R.T.: 0.024 min  
Response: 6188632  
Conc: 61.84 ng/ml



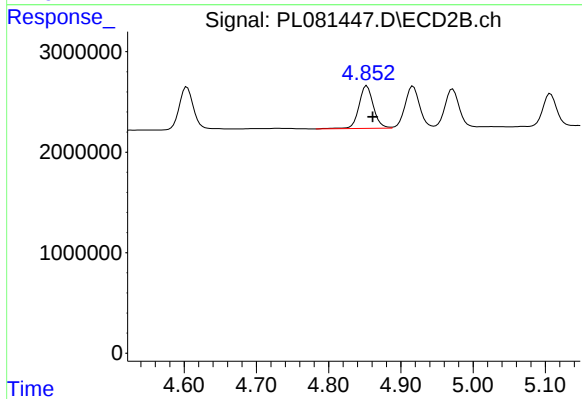
#24 Chlordane-2

R.T.: 4.244 min  
Delta R.T.: 0.011 min  
Response: 49475  
Conc: 0.48 ng/ml



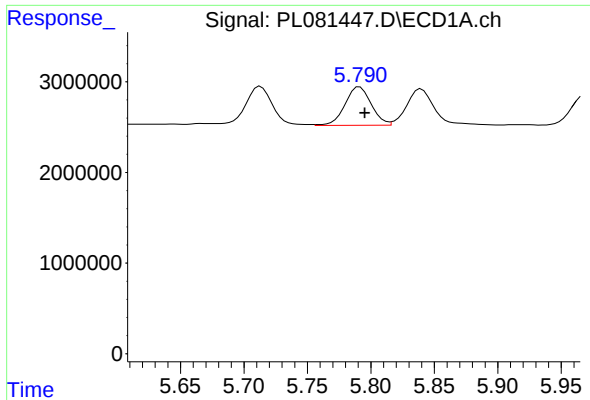
#25 Chlordane-3

R.T.: 5.713 min  
Delta R.T.: 0.000 min  
Response: 6556514  
Conc: 17.92 ng/ml



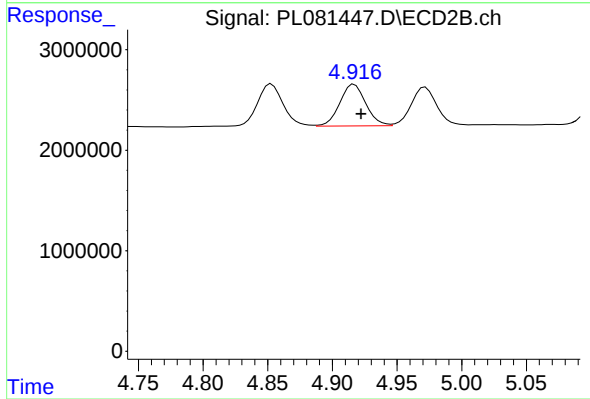
#25 Chlordane-3

R.T.: 4.853 min  
Delta R.T.: -0.008 min  
Response: 5952588  
Conc: 22.03 ng/ml



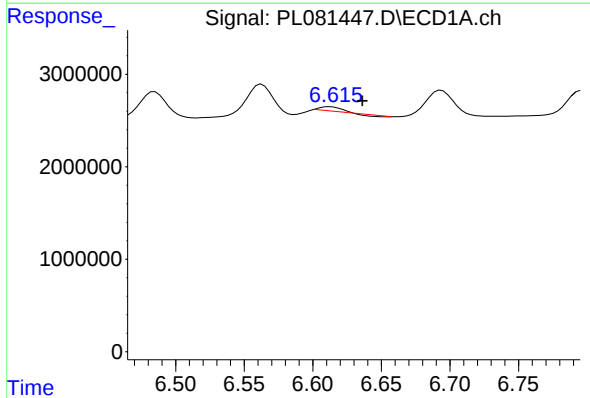
#26 Chlordane-4

R.T.: 5.791 min  
Delta R.T.: -0.004 min  
Response: 6108352  
Conc: 13.90 ng/ml



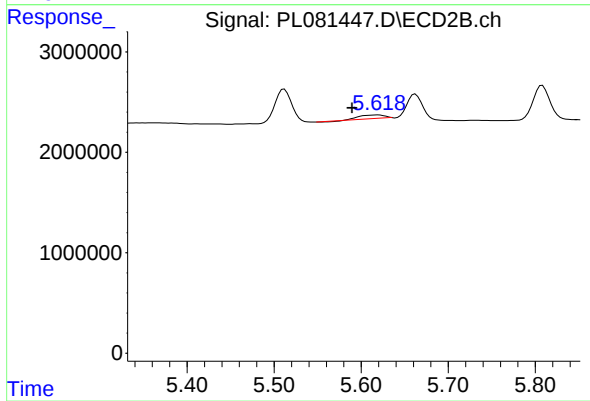
#26 Chlordane-4

R.T.: 4.917 min  
Delta R.T.: -0.005 min  
Response: 5804157  
Conc: 20.67 ng/ml



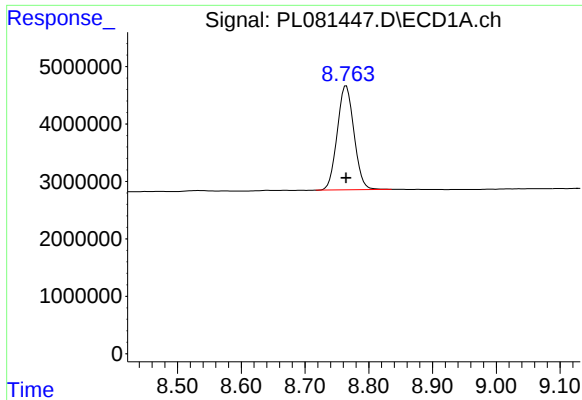
#27 Chlordane-5

R.T.: 6.613 min  
Delta R.T.: -0.023 min  
Response: 363485  
Conc: 4.82 ng/ml



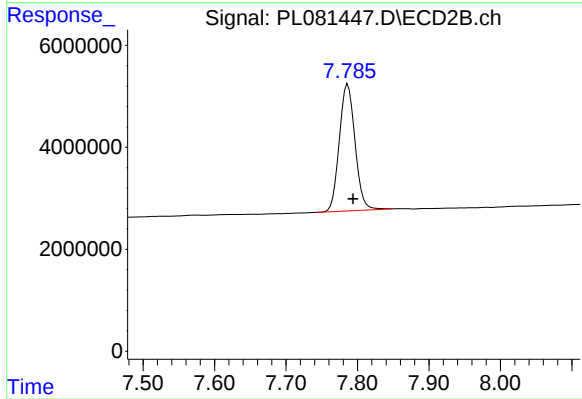
#27 Chlordane-5

R.T.: 5.619 min  
Delta R.T.: 0.029 min  
Response: 715069  
Conc: 10.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.765 min  
Delta R.T.: 0.000 min  
Response: 33142066  
Conc: 21.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.787 min  
Delta R.T.: -0.007 min  
Response: 37892232  
Conc: 19.78 ng/ml