

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083119\  
 Data File : PL052110.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2019 13:04  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 22:39:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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

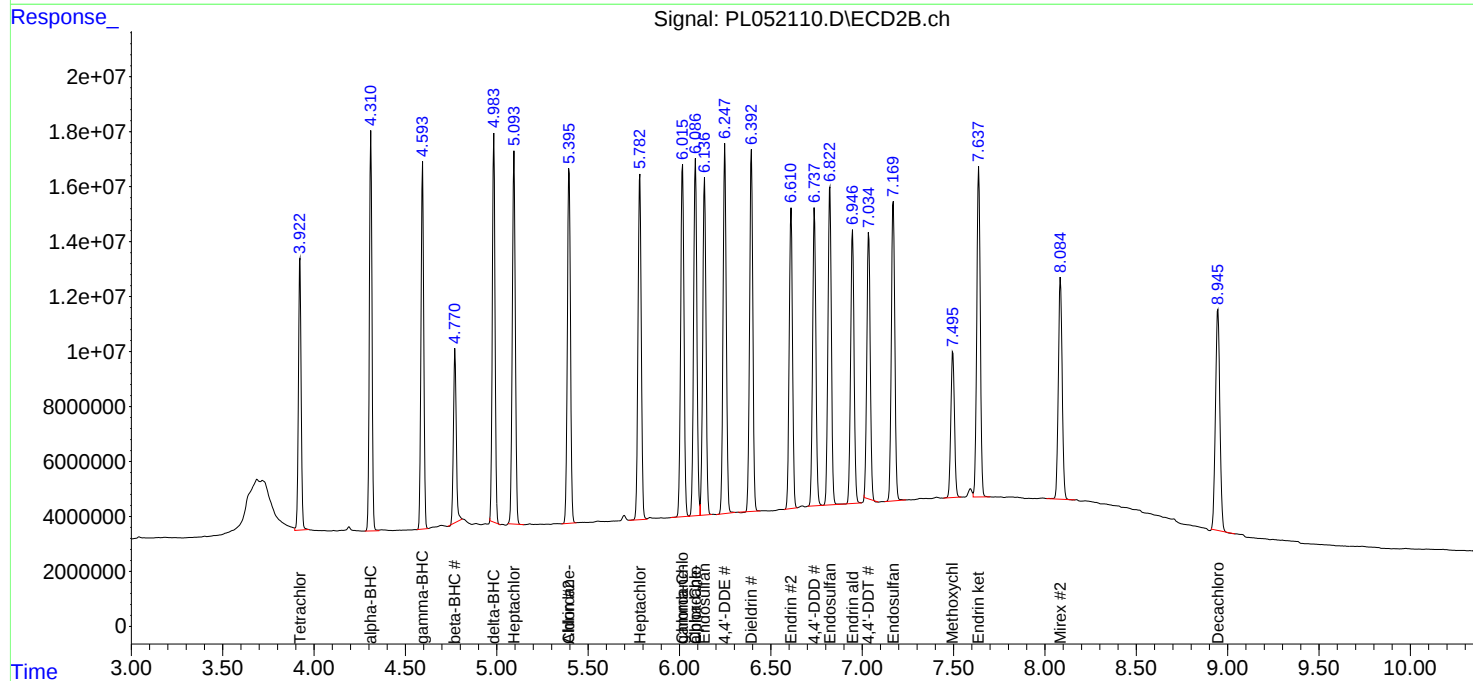
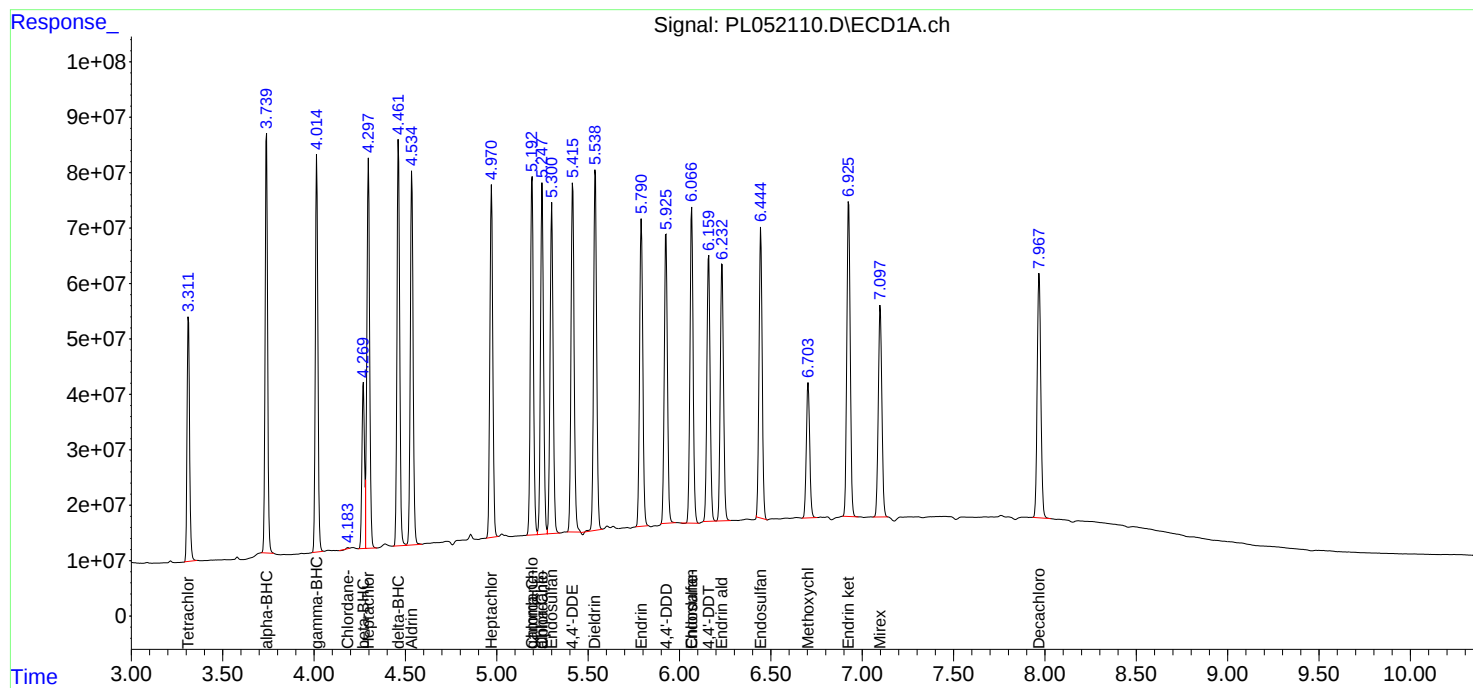
|                             | Compound        | RT#1   | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|---------|----------|----------|------------|
| -----                       |                 |        |        |         |          |          |            |
| System Monitoring Compounds |                 |        |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.313  | 3.923  | 428.2E6 | 102.7E6  | 50.026   | 47.005     |
| 28)                         | SA Decachlor... | 7.969  | 8.947  | 607.3E6 | 135.6E6  | 50.034   | 44.550     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.740  | 4.311  | 729.1E6 | 145.4E6  | 50.317   | 45.110     |
| 3)                          | MA gamma-BHC... | 4.015  | 4.594  | 696.5E6 | 139.9E6  | 52.939   | 44.423     |
| 4)                          | MA Heptachlor   | 4.298  | 5.095  | 747.5E6 | 155.8E6  | 49.375   | 44.439     |
| 5)                          | MB Aldrin       | 4.535  | 5.396  | 733.1E6 | 154.5E6  | 50.731   | 47.105     |
| 6)                          | B beta-BHC      | 4.270  | 4.772  | 291.7E6 | 68823500 | 51.090   | 47.223     |
| 7)                          | B delta-BHC     | 4.462  | 4.984  | 754.7E6 | 148.8E6  | 50.758   | 47.540     |
| 8)                          | B Heptachlo...  | 4.971  | 5.783  | 705.0E6 | 157.4E6  | 50.410   | 46.637     |
| 9)                          | A Endosulfan I  | 5.301  | 6.137  | 694.4E6 | 151.6E6  | 51.651   | 46.890     |
| 10)                         | B gamma-Chl...  | 5.193  | 6.017  | 752.7E6 | 163.2E6  | 50.406   | 44.710     |
| 11)                         | B alpha-Chl...  | 5.249  | 6.088  | 732.1E6 | 162.9E6  | 50.587   | 47.192     |
| 12)                         | B 4,4'-DDE      | 5.416  | 6.249  | 749.9E6 | 166.1E6  | 54.794   | 47.182     |
| 13)                         | MA Dieldrin     | 5.539  | 6.394  | 766.5E6 | 162.0E6  | 50.410   | 47.300     |
| 14)                         | MA Endrin       | 5.792  | 6.611  | 673.6E6 | 137.1E6  | 46.182   | 45.341     |
| 15)                         | B Endosulfa...  | 6.067  | 6.823  | 688.6E6 | 151.5E6  | 49.489   | 45.958     |
| 16)                         | A 4,4'-DDD      | 5.926  | 6.739  | 626.2E6 | 136.6E6  | 51.137   | 50.457     |
| 17)                         | MA 4,4'-DDT     | 6.160  | 7.036  | 596.8E6 | 127.3E6  | 46.807   | 43.469     |
| 18)                         | B Endrin al...  | 6.233  | 6.947  | 574.4E6 | 132.0E6  | 49.375   | 46.695     |
| 19)                         | B Endosulfa...  | 6.445  | 7.170  | 631.4E6 | 145.4E6  | 48.537   | 47.096     |
| 20)                         | A Methoxychlor  | 6.704  | 7.496  | 314.7E6 | 73683290 | 46.424   | 43.932     |
| 21)                         | B Endrin ke...  | 6.926  | 7.638  | 739.2E6 | 160.5E6  | 52.251   | 50.166     |
| 22)                         | Mirex           | 7.099  | 8.085  | 517.8E6 | 118.2E6  | 48.905   | 48.587     |
| 23)                         | Chlordane-1     | 4.185f | 0.000  | 59545   | 0        | 0.185    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.396f | 0       | 154.5E6  | N.D.     | 1538.819 # |
| 25)                         | Chlordane-3     | 5.193  | 6.017  | 752.7E6 | 163.2E6  | 579.706  | 366.384 #  |
| 26)                         | Chlordane-4     | 5.249  | 6.088  | 732.1E6 | 162.9E6  | 600.367  | 299.862 #  |
| 27)                         | Chlordane-5     | 6.067  | 0.000  | 688.6E6 | 0        | 1403.214 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

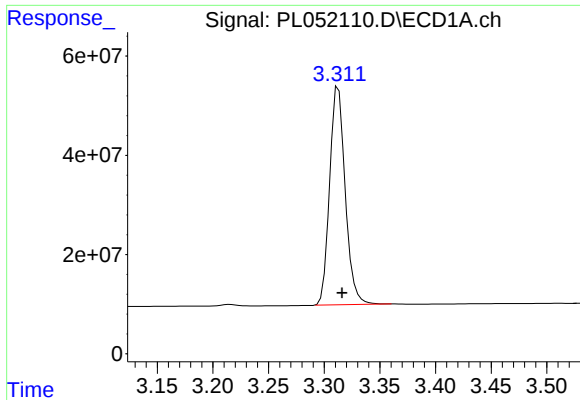
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083119\  
Data File : PL052110.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2019 13:04  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 22:39:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
Response via : Initial Calibration  
Integrator: ChemStation

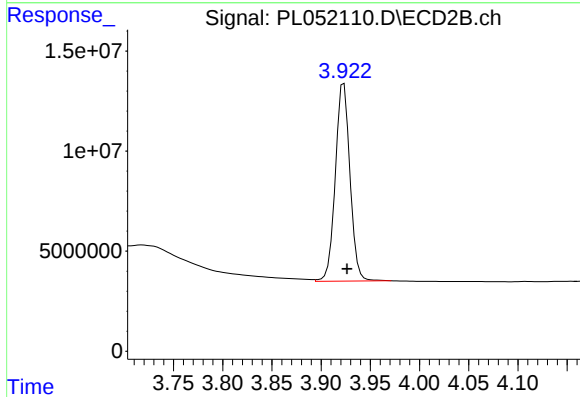
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





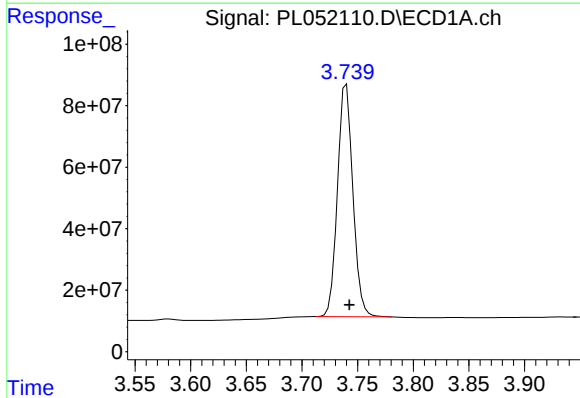
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: -0.003 min  
Response: 428153104  
Conc: 50.03 ng/ml



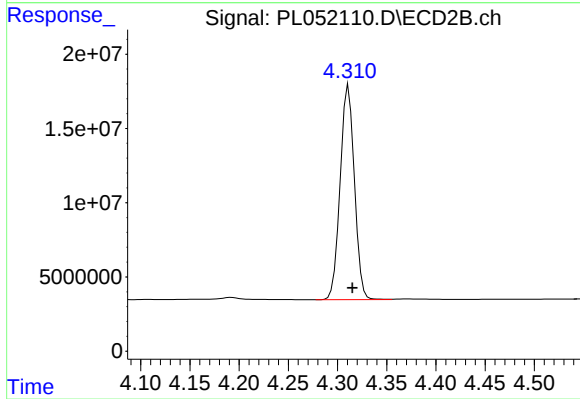
#1 Tetrachloro-m-xylene

R.T.: 3.923 min  
Delta R.T.: -0.003 min  
Response: 102696915  
Conc: 47.00 ng/ml



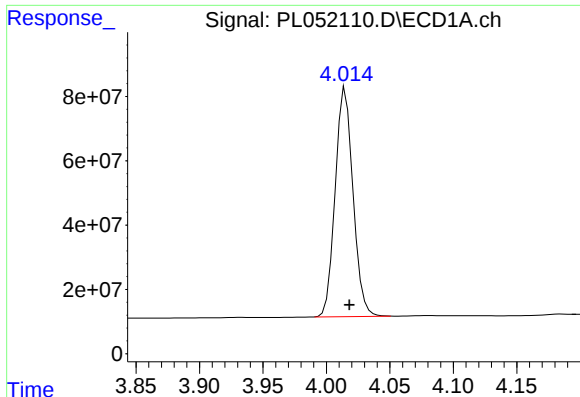
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 729078064  
Conc: 50.32 ng/ml



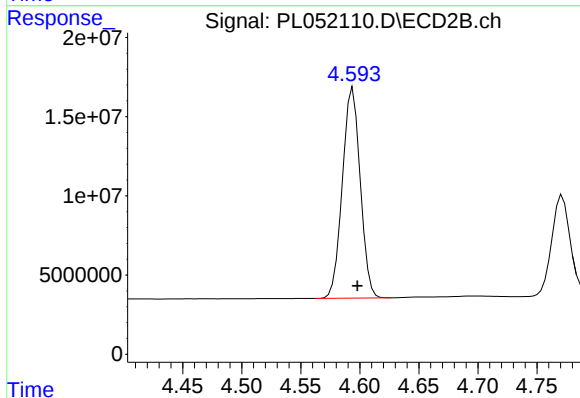
#2 alpha-BHC

R.T.: 4.311 min  
Delta R.T.: -0.004 min  
Response: 145359793  
Conc: 45.11 ng/ml



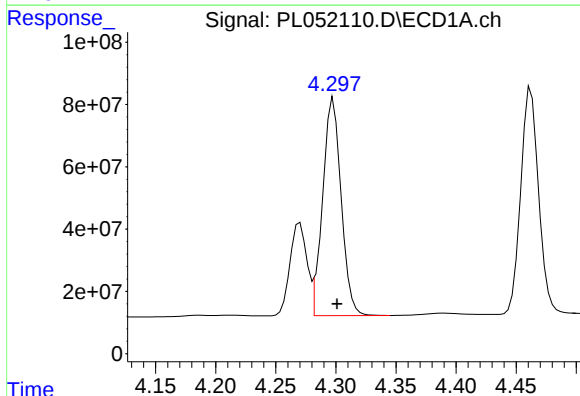
#3 gamma-BHC (Lindane)

R.T.: 4.015 min  
Delta R.T.: -0.003 min  
Response: 696493388  
Conc: 52.94 ng/ml



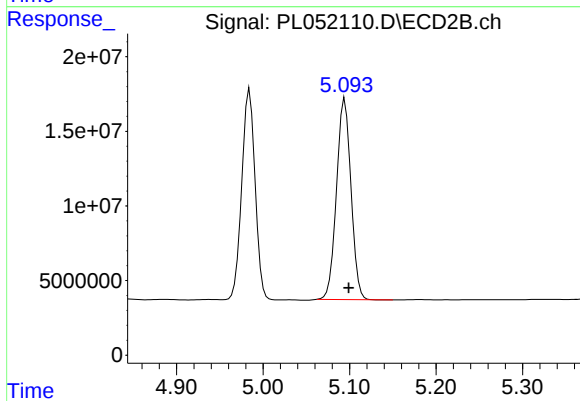
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.004 min  
Response: 139858425  
Conc: 44.42 ng/ml



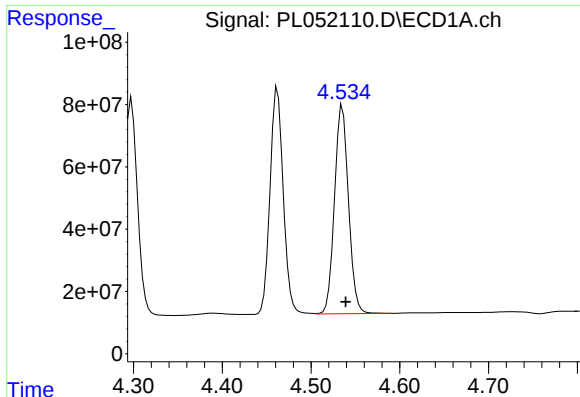
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: -0.003 min  
Response: 747468396  
Conc: 49.37 ng/ml



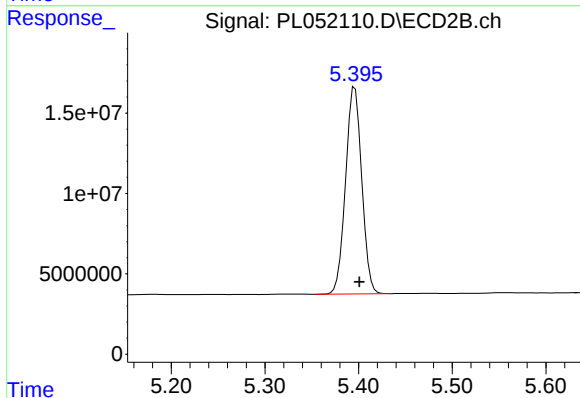
#4 Heptachlor

R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 155842098  
Conc: 44.44 ng/ml



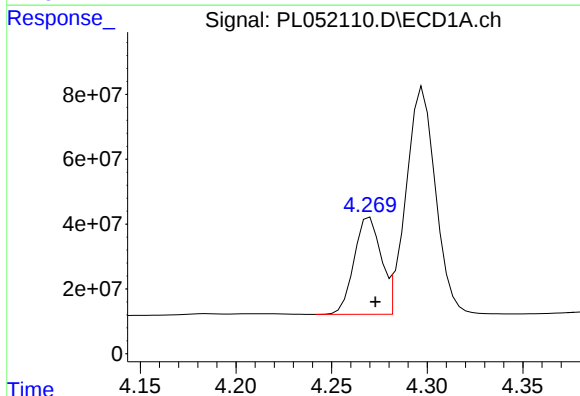
#5 Aldrin

R.T.: 4.535 min  
Delta R.T.: -0.004 min  
Response: 733098427  
Conc: 50.73 ng/ml



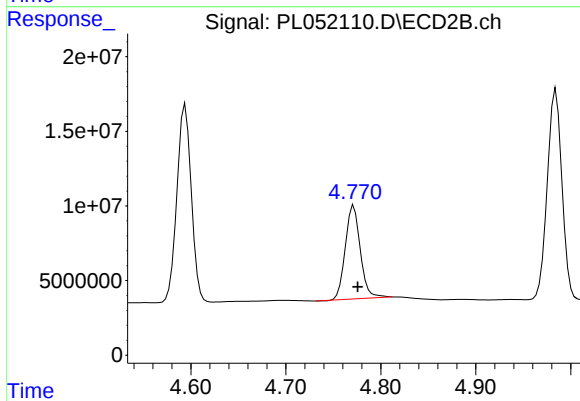
#5 Aldrin

R.T.: 5.396 min  
Delta R.T.: -0.005 min  
Response: 154452235  
Conc: 47.11 ng/ml



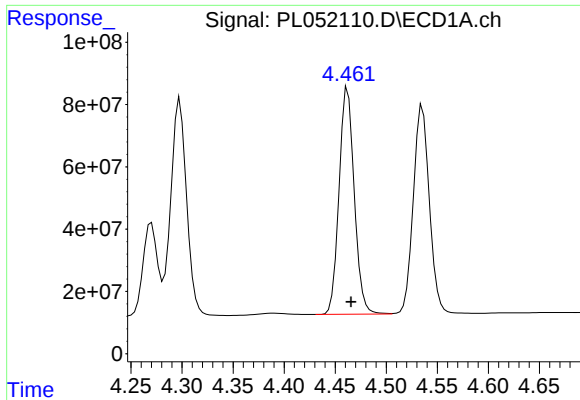
#6 beta-BHC

R.T.: 4.270 min  
Delta R.T.: -0.003 min  
Response: 291729864  
Conc: 51.09 ng/ml



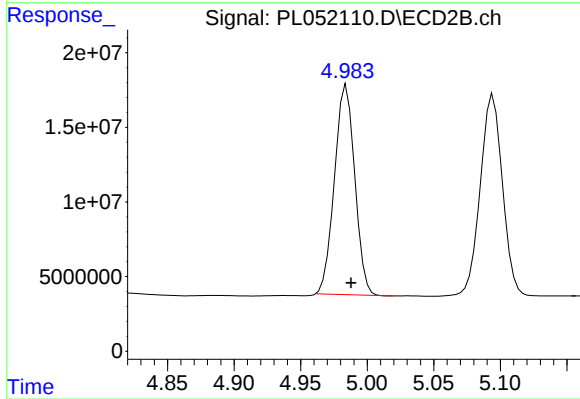
#6 beta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 68823500  
Conc: 47.22 ng/ml



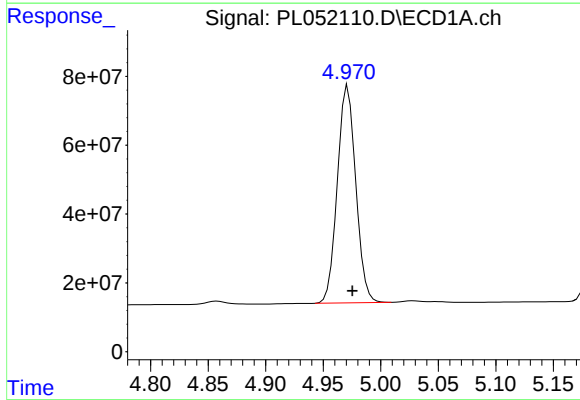
#7 delta-BHC

R.T.: 4.462 min  
Delta R.T.: -0.003 min  
Response: 754729835  
Conc: 50.76 ng/ml



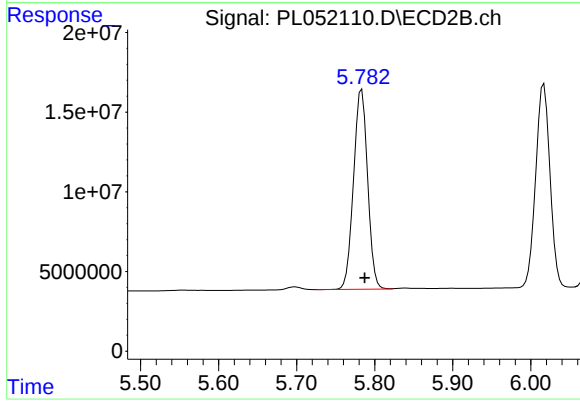
#7 delta-BHC

R.T.: 4.984 min  
Delta R.T.: -0.003 min  
Response: 148788613  
Conc: 47.54 ng/ml



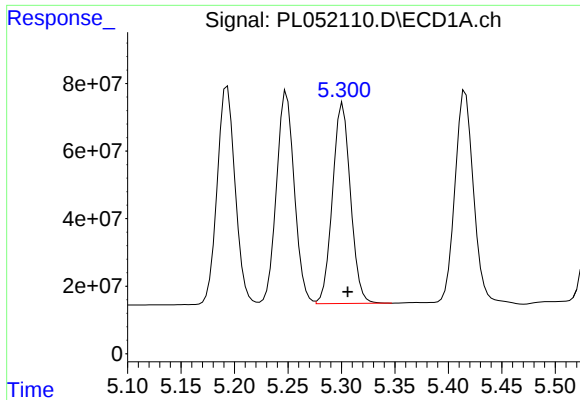
#8 Heptachlor epoxide

R.T.: 4.971 min  
Delta R.T.: -0.004 min  
Response: 705005048  
Conc: 50.41 ng/ml



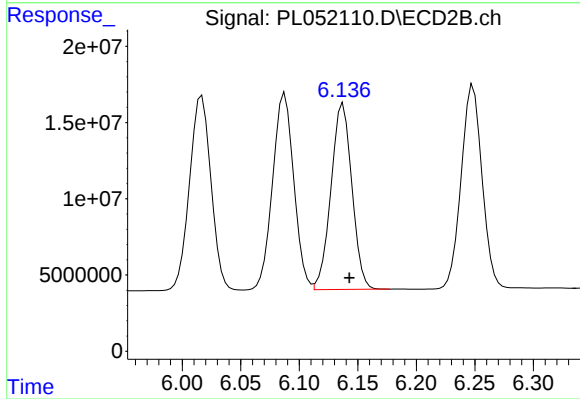
#8 Heptachlor epoxide

R.T.: 5.783 min  
Delta R.T.: -0.004 min  
Response: 157390418  
Conc: 46.64 ng/ml



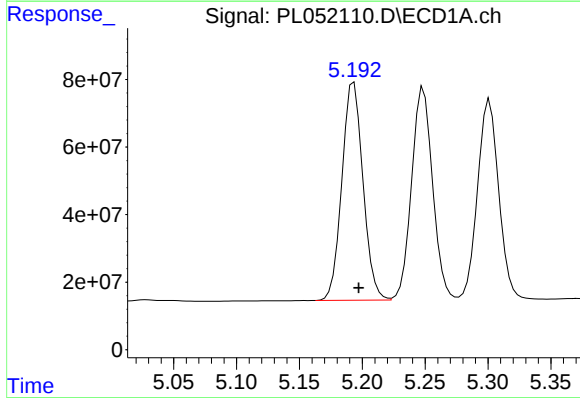
#9 Endosulfan I

R.T.: 5.301 min  
Delta R.T.: -0.004 min  
Response: 694383522  
Conc: 51.65 ng/ml



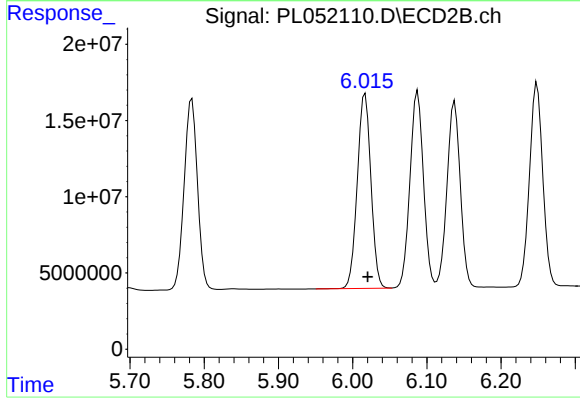
#9 Endosulfan I

R.T.: 6.137 min  
Delta R.T.: -0.006 min  
Response: 151604712  
Conc: 46.89 ng/ml



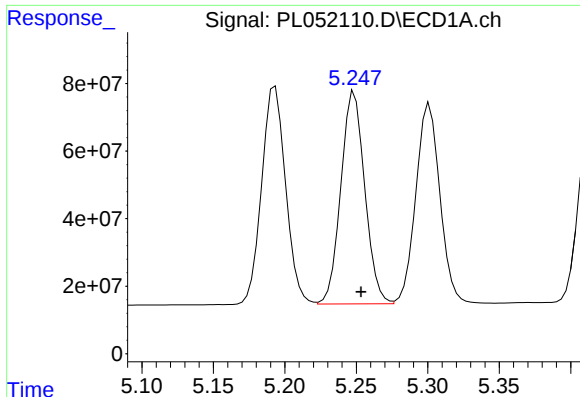
#10 gamma-Chlordane

R.T.: 5.193 min  
Delta R.T.: -0.004 min  
Response: 752656154  
Conc: 50.41 ng/ml



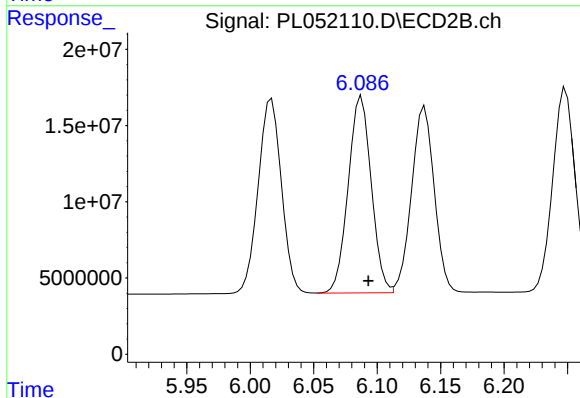
#10 gamma-Chlordane

R.T.: 6.017 min  
Delta R.T.: -0.003 min  
Response: 163238855  
Conc: 44.71 ng/ml



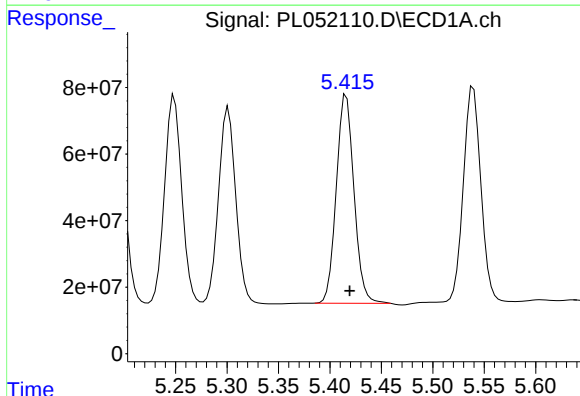
#11 alpha-Chlordane

R.T.: 5.249 min  
Delta R.T.: -0.005 min  
Response: 732061863  
Conc: 50.59 ng/ml



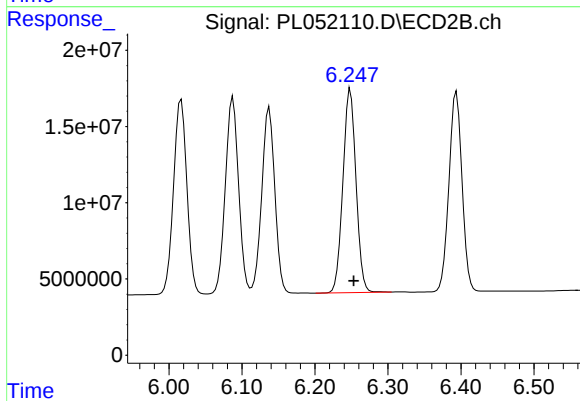
#11 alpha-Chlordane

R.T.: 6.088 min  
Delta R.T.: -0.005 min  
Response: 162858695  
Conc: 47.19 ng/ml



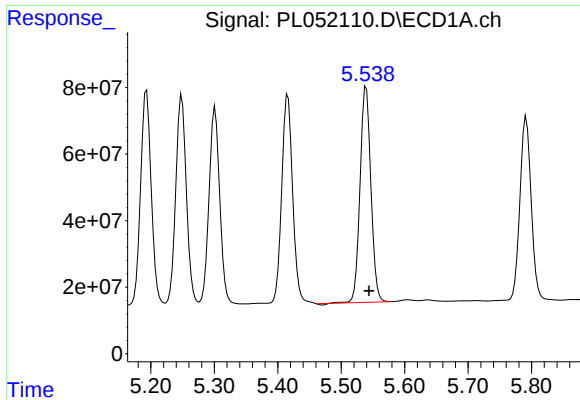
#12 4,4'-DDE

R.T.: 5.416 min  
Delta R.T.: -0.003 min  
Response: 749897319  
Conc: 54.79 ng/ml



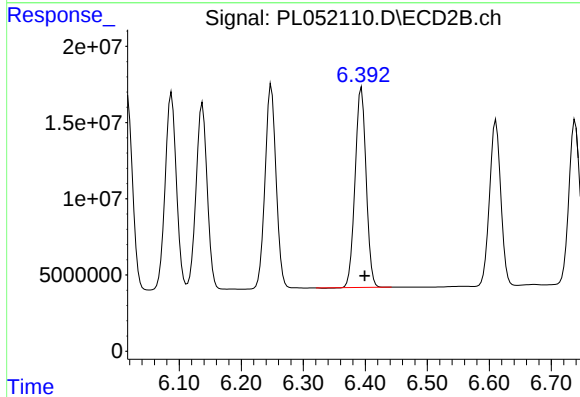
#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.005 min  
Response: 166085192  
Conc: 47.18 ng/ml



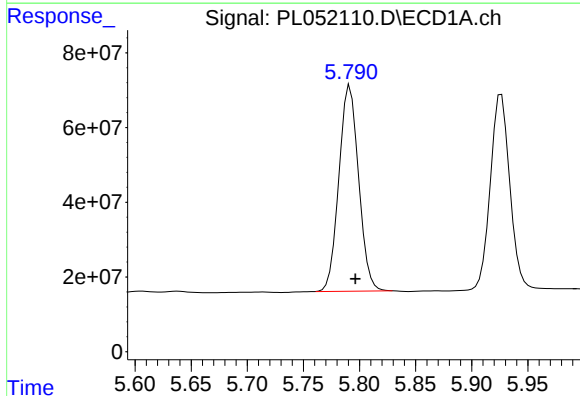
#13 Dieldrin

R.T.: 5.539 min  
Delta R.T.: -0.005 min  
Response: 766477036  
Conc: 50.41 ng/ml



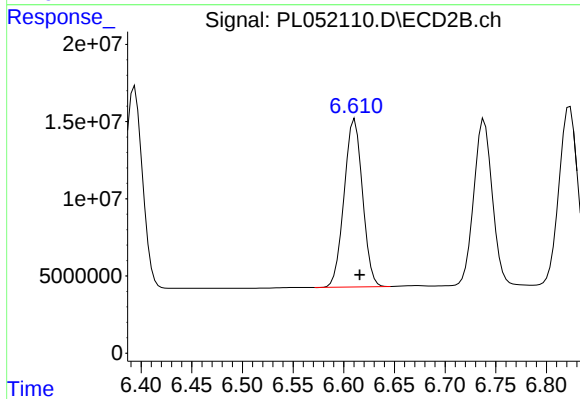
#13 Dieldrin

R.T.: 6.394 min  
Delta R.T.: -0.005 min  
Response: 161982303  
Conc: 47.30 ng/ml



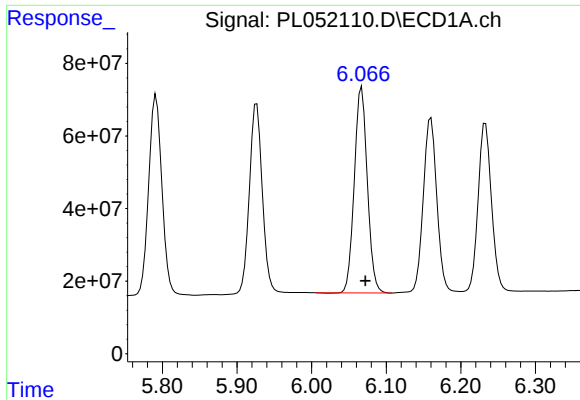
#14 Endrin

R.T.: 5.792 min  
Delta R.T.: -0.005 min  
Response: 673610063  
Conc: 46.18 ng/ml



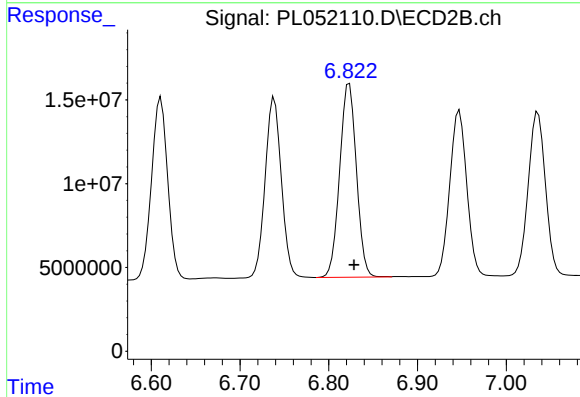
#14 Endrin

R.T.: 6.611 min  
Delta R.T.: -0.005 min  
Response: 137138826  
Conc: 45.34 ng/ml



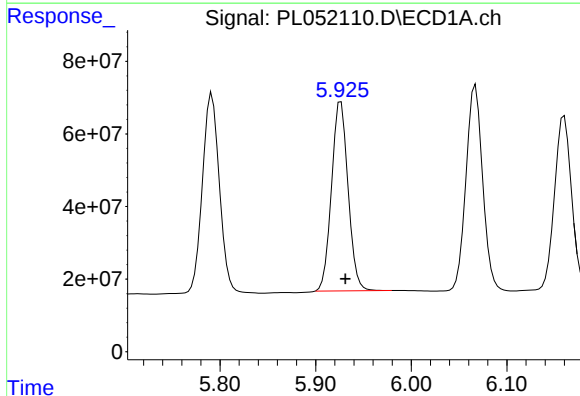
#15 Endosulfan II

R.T.: 6.067 min  
Delta R.T.: -0.005 min  
Response: 688581550  
Conc: 49.49 ng/ml



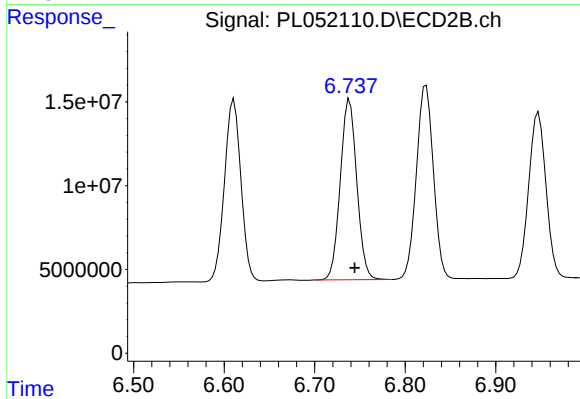
#15 Endosulfan II

R.T.: 6.823 min  
Delta R.T.: -0.006 min  
Response: 151479659  
Conc: 45.96 ng/ml



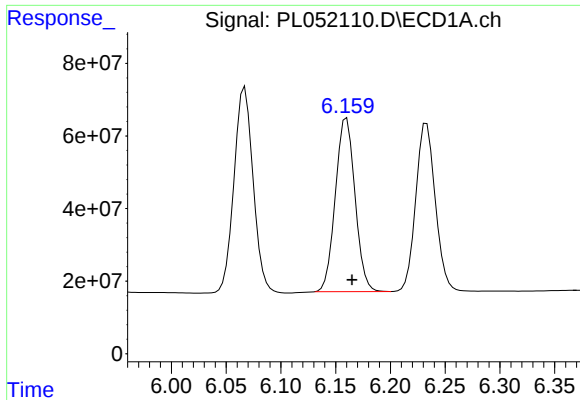
#16 4,4'-DDD

R.T.: 5.926 min  
Delta R.T.: -0.005 min  
Response: 626192882  
Conc: 51.14 ng/ml



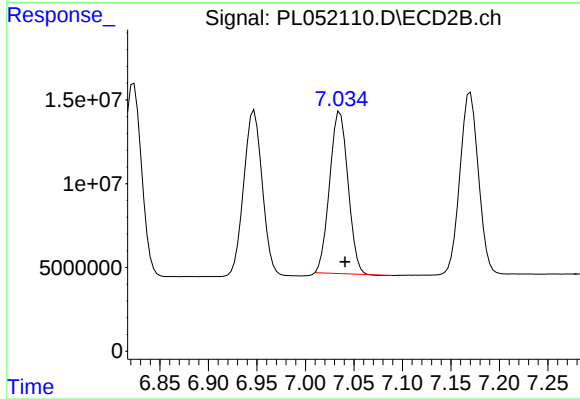
#16 4,4'-DDD

R.T.: 6.739 min  
Delta R.T.: -0.006 min  
Response: 136603751  
Conc: 50.46 ng/ml



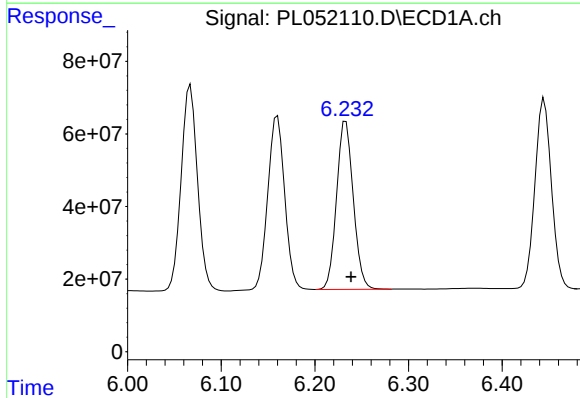
#17 4,4'-DDT

R.T.: 6.160 min  
Delta R.T.: -0.005 min  
Response: 596845895  
Conc: 46.81 ng/ml



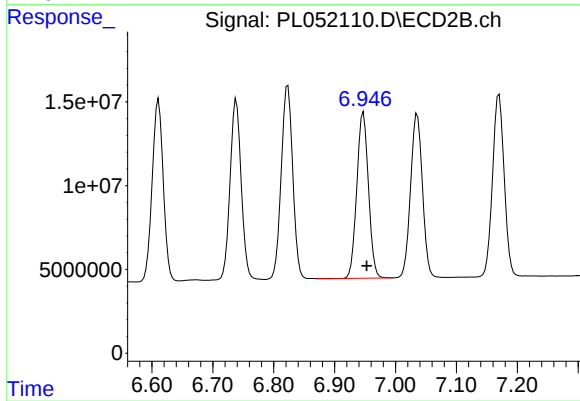
#17 4,4'-DDT

R.T.: 7.036 min  
Delta R.T.: -0.005 min  
Response: 127263689  
Conc: 43.47 ng/ml



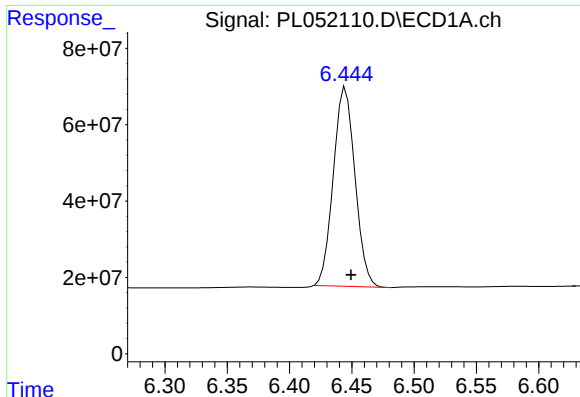
#18 Endrin aldehyde

R.T.: 6.233 min  
Delta R.T.: -0.006 min  
Response: 574394026  
Conc: 49.38 ng/ml



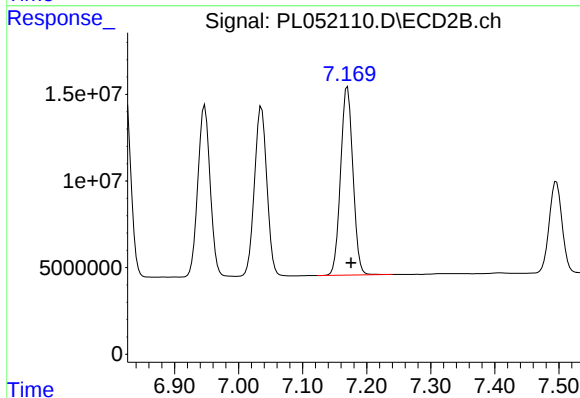
#18 Endrin aldehyde

R.T.: 6.947 min  
Delta R.T.: -0.006 min  
Response: 131968396  
Conc: 46.69 ng/ml



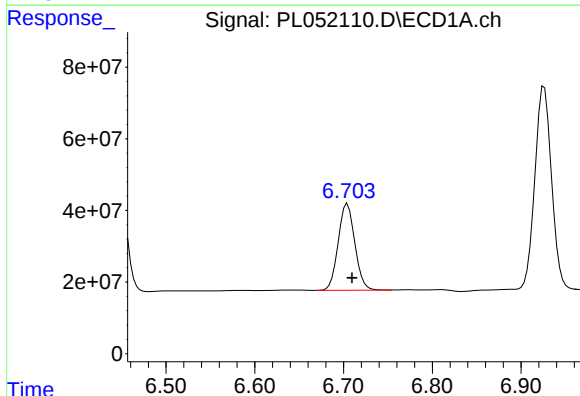
#19 Endosulfan Sulfate

R.T.: 6.445 min  
Delta R.T.: -0.004 min  
Response: 631417782  
Conc: 48.54 ng/ml



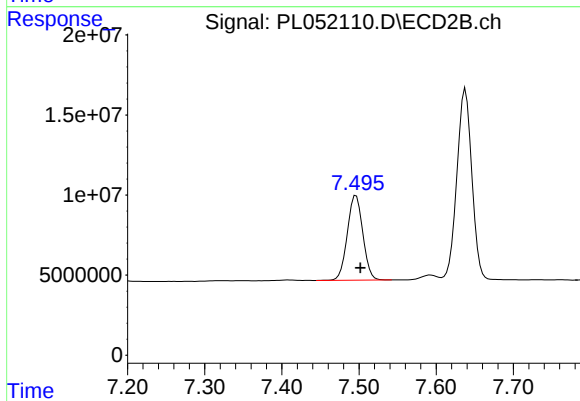
#19 Endosulfan Sulfate

R.T.: 7.170 min  
Delta R.T.: -0.006 min  
Response: 145435080  
Conc: 47.10 ng/ml



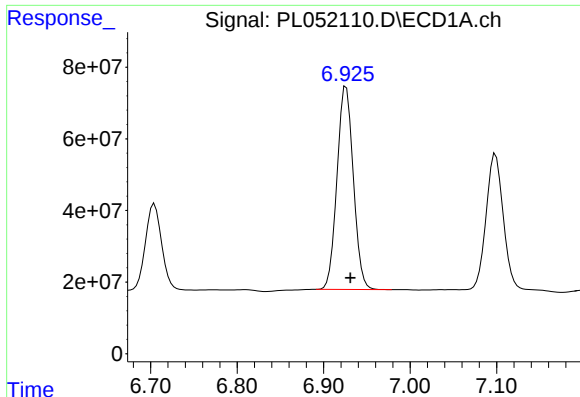
#20 Methoxychlor

R.T.: 6.704 min  
Delta R.T.: -0.005 min  
Response: 314742999  
Conc: 46.42 ng/ml



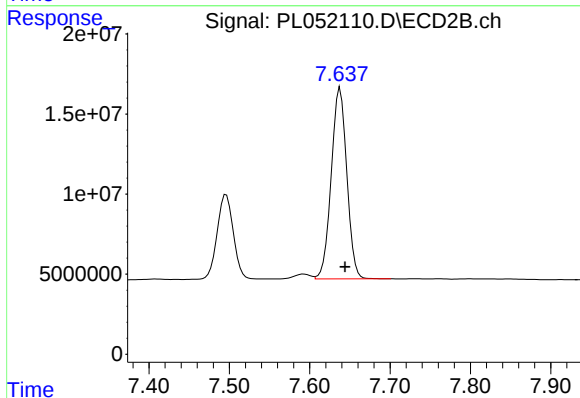
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: -0.006 min  
Response: 73683290  
Conc: 43.93 ng/ml



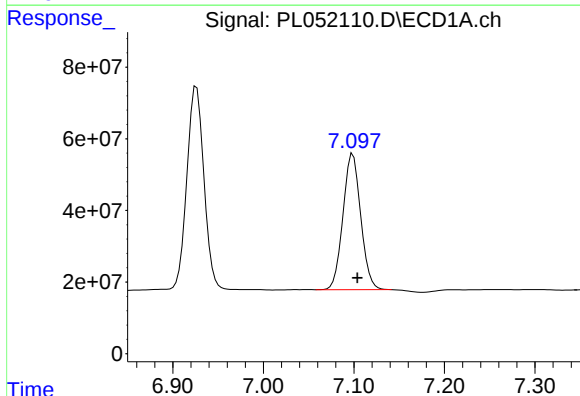
#21 Endrin ketone

R.T.: 6.926 min  
Delta R.T.: -0.005 min  
Response: 739191330  
Conc: 52.25 ng/ml



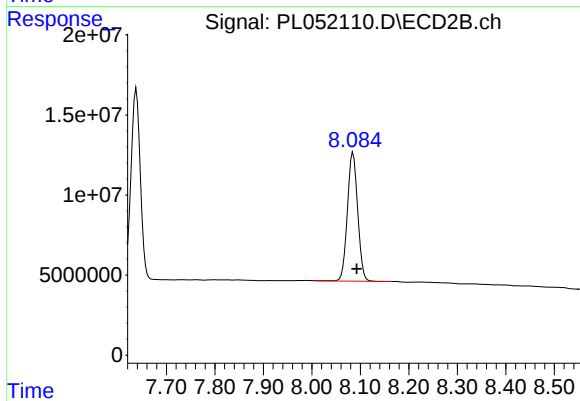
#21 Endrin ketone

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 160504824  
Conc: 50.17 ng/ml



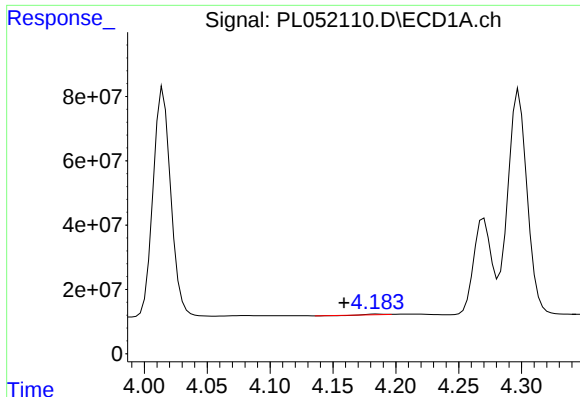
#22 Mirex

R.T.: 7.099 min  
Delta R.T.: -0.005 min  
Response: 517777152  
Conc: 48.91 ng/ml



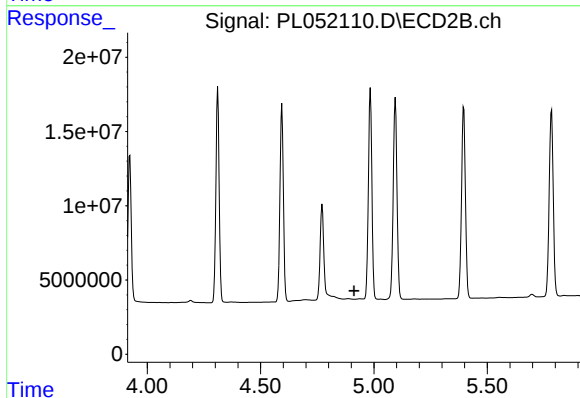
#22 Mirex

R.T.: 8.085 min  
Delta R.T.: -0.007 min  
Response: 118198634  
Conc: 48.59 ng/ml



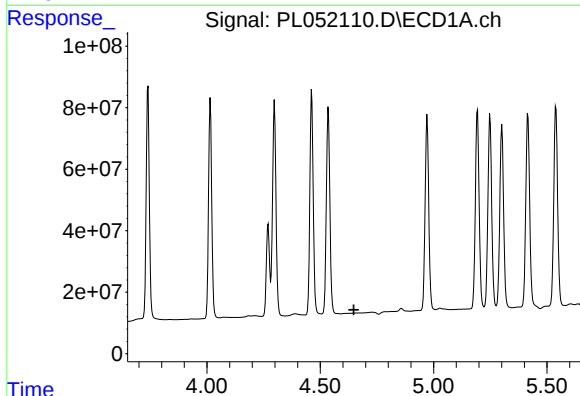
#23 Chlordane-1

R.T.: 4.185 min  
Delta R.T.: 0.027 min  
Response: 59545  
Conc: 0.18 ng/ml



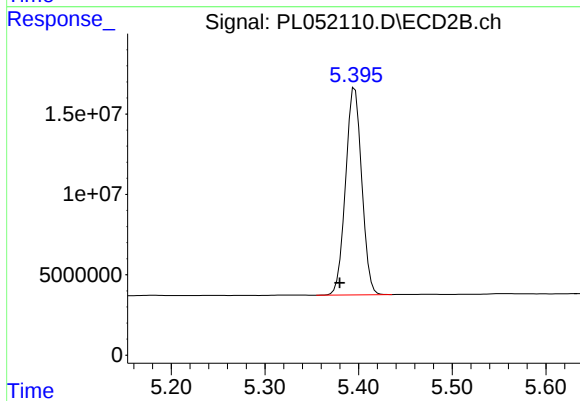
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.913 min  
Response: 0  
Conc: N.D.



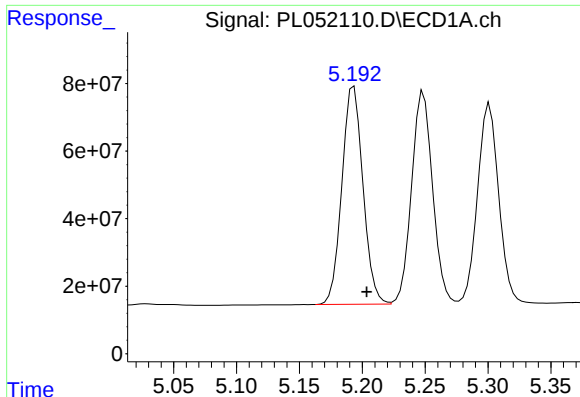
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.649 min  
Response: 0  
Conc: N.D.



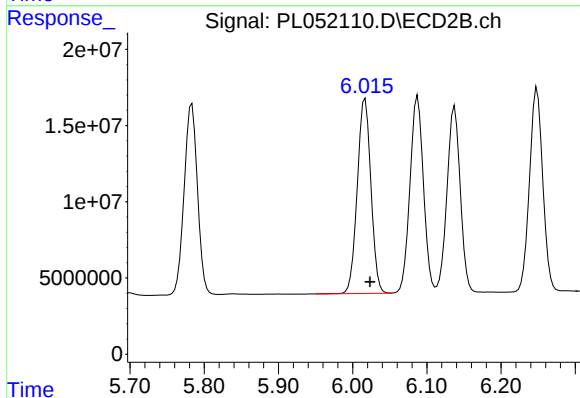
#24 Chlordane-2

R.T.: 5.396 min  
Delta R.T.: 0.016 min  
Response: 154452235  
Conc: 1538.82 ng/ml



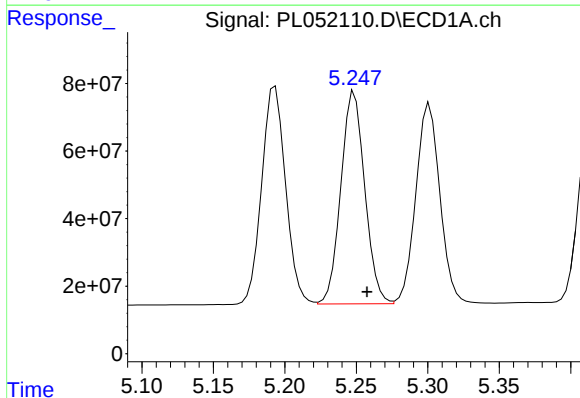
#25 Chlordane-3

R.T.: 5.193 min  
Delta R.T.: -0.010 min  
Response: 752656154  
Conc: 579.71 ng/ml



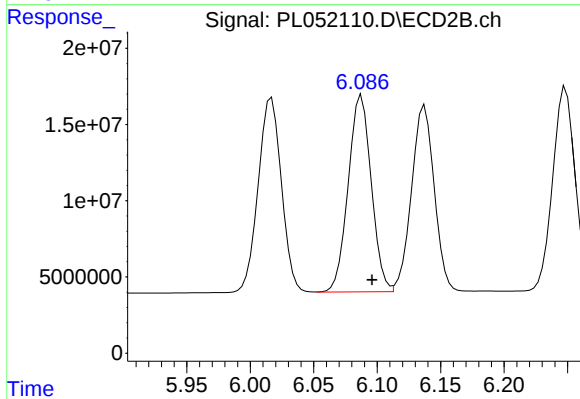
#25 Chlordane-3

R.T.: 6.017 min  
Delta R.T.: -0.007 min  
Response: 163238855  
Conc: 366.38 ng/ml



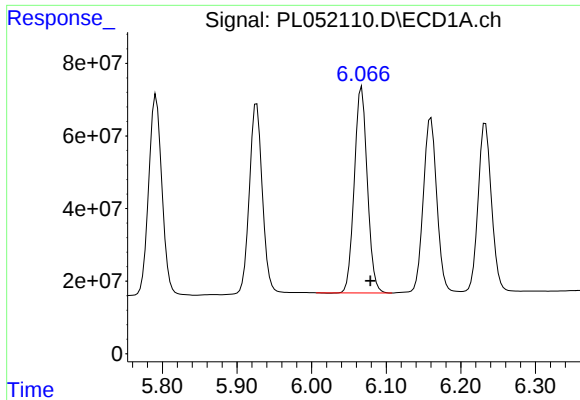
#26 Chlordane-4

R.T.: 5.249 min  
Delta R.T.: -0.009 min  
Response: 732061863  
Conc: 600.37 ng/ml



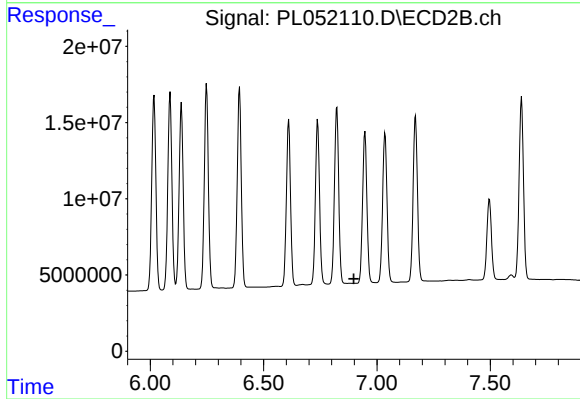
#26 Chlordane-4

R.T.: 6.088 min  
Delta R.T.: -0.008 min  
Response: 162858695  
Conc: 299.86 ng/ml



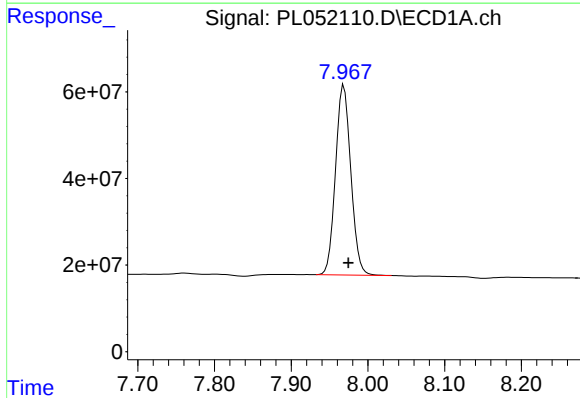
#27 Chlordane-5

R.T.: 6.067 min  
Delta R.T.: -0.012 min  
Response: 688581550  
Conc: 1403.21 ng/ml



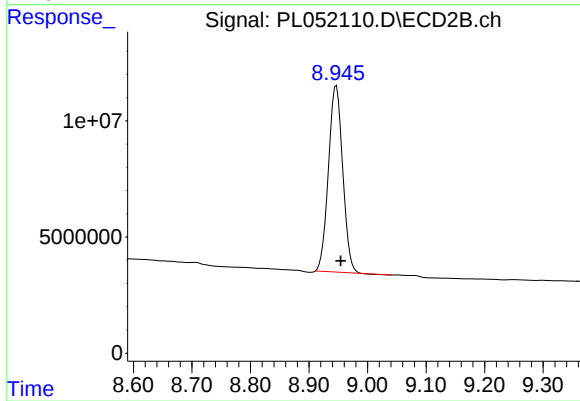
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.898 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.969 min  
Delta R.T.: -0.006 min  
Response: 607309876  
Conc: 50.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: -0.007 min  
Response: 135604391  
Conc: 44.55 ng/ml