

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083119\  
 Data File : PL052112.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Aug 2019 13:58  
 Operator : SG\AJ  
 Sample : PB122705BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 22:39:36 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

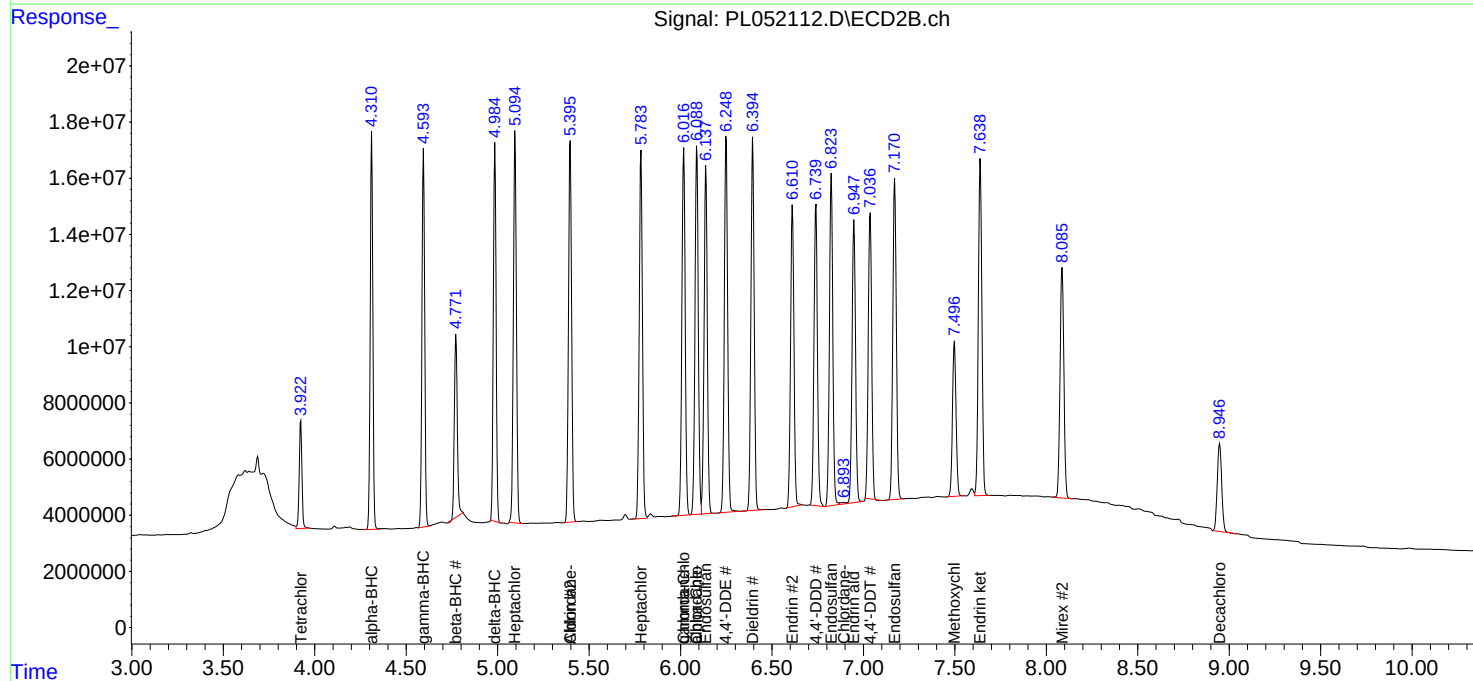
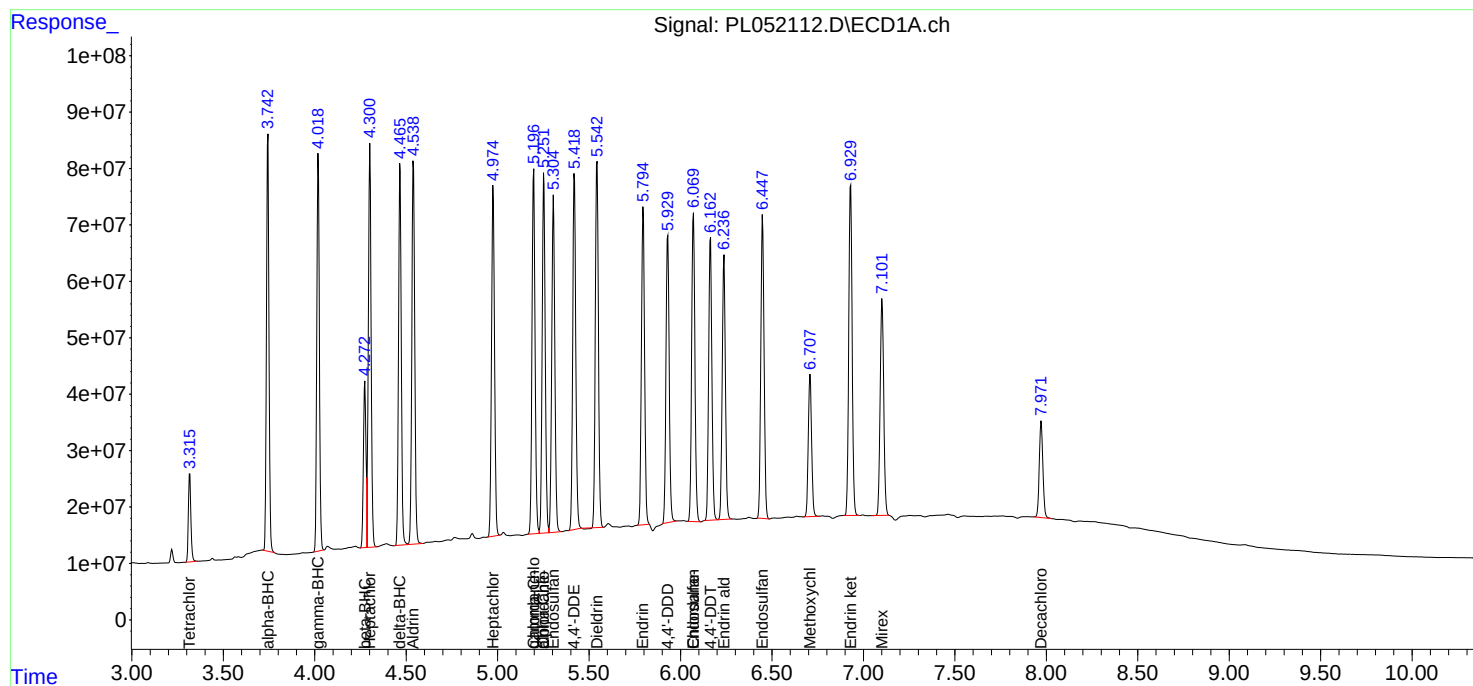
|                             | Compound        | RT#1  | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|---------|----------|----------|------------|
| -----                       |                 |       |        |         |          |          |            |
| System Monitoring Compounds |                 |       |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.317 | 3.923  | 152.8E6 | 40073342 | 17.849   | 18.342     |
| 28)                         | SA Decachlor... | 7.972 | 8.948  | 235.2E6 | 52803772 | 19.379   | 17.348     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.744 | 4.311  | 709.0E6 | 140.8E6  | 48.934   | 43.707     |
| 3)                          | MA gamma-BHC... | 4.019 | 4.595  | 686.3E6 | 139.7E6  | 52.161   | 44.358     |
| 4)                          | MA Heptachlor   | 4.302 | 5.096  | 750.9E6 | 161.1E6  | 49.599   | 45.932     |
| 5)                          | MB Aldrin       | 4.540 | 5.397  | 751.8E6 | 161.3E6  | 52.024   | 49.197     |
| 6)                          | B beta-BHC      | 4.274 | 4.772  | 289.1E6 | 72804853 | 50.636   | 49.955     |
| 7)                          | B delta-BHC     | 4.466 | 4.985  | 708.5E6 | 140.9E6  | 47.650   | 45.007     |
| 8)                          | B Heptachlo...  | 4.976 | 5.784  | 707.8E6 | 159.4E6  | 50.608   | 47.226     |
| 9)                          | A Endosulfan I  | 5.305 | 6.139  | 698.0E6 | 153.4E6  | 51.919   | 47.457     |
| 10)                         | B gamma-Chl...  | 5.197 | 6.018  | 755.7E6 | 164.7E6  | 50.611   | 45.119     |
| 11)                         | B alpha-Chl...  | 5.253 | 6.089  | 734.1E6 | 164.5E6  | 50.727   | 47.664     |
| 12)                         | B 4,4'-DDE      | 5.420 | 6.250  | 740.4E6 | 170.9E6  | 54.103   | 48.545     |
| 13)                         | MA Dieldrin     | 5.543 | 6.395  | 759.1E6 | 165.3E6  | 49.924   | 48.271     |
| 14)                         | MA Endrin       | 5.796 | 6.612  | 675.4E6 | 138.8E6  | 46.303   | 45.884     |
| 15)                         | B Endosulfa...  | 6.071 | 6.824  | 674.4E6 | 151.7E6  | 48.470   | 46.022     |
| 16)                         | A 4,4'-DDD      | 5.930 | 6.740  | 623.7E6 | 138.7E6  | 50.936   | 51.238     |
| 17)                         | MA 4,4'-DDT     | 6.164 | 7.037  | 612.9E6 | 132.7E6  | 48.069   | 45.333     |
| 18)                         | B Endrin al...  | 6.238 | 6.948  | 569.2E6 | 132.4E6  | 48.927   | 46.862     |
| 19)                         | B Endosulfa...  | 6.449 | 7.171  | 667.8E6 | 152.8E6  | 51.332   | 49.488     |
| 20)                         | A Methoxychlor  | 6.708 | 7.498  | 317.6E6 | 75640421 | 46.842   | 45.099     |
| 21)                         | B Endrin ke...  | 6.930 | 7.639  | 751.4E6 | 163.6E6  | 53.117   | 51.138     |
| 22)                         | Mirex           | 7.102 | 8.087  | 527.1E6 | 119.9E6  | 49.788   | 49.303     |
| 24)                         | Chlordane-2     | 0.000 | 5.397f | 0       | 161.3E6  | N.D.     | 1607.151 # |
| 25)                         | Chlordane-3     | 5.197 | 6.018  | 755.7E6 | 164.7E6  | 582.072  | 369.736 #  |
| 26)                         | Chlordane-4     | 5.253 | 6.089  | 734.1E6 | 164.5E6  | 602.028  | 302.862 #  |
| 27)                         | Chlordane-5     | 6.071 | 6.893  | 674.4E6 | 1179539  | 1374.336 | 11.965 #   |
| -----                       |                 |       |        |         |          |          |            |

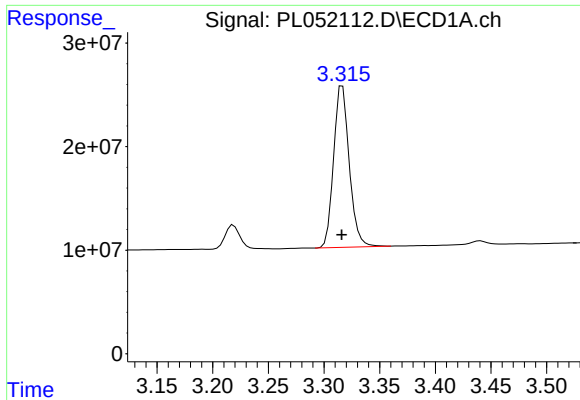
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083119\  
Data File : PL052112.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Aug 2019 13:58  
Operator : SG\AJ  
Sample : PB122705BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 22:39:36 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

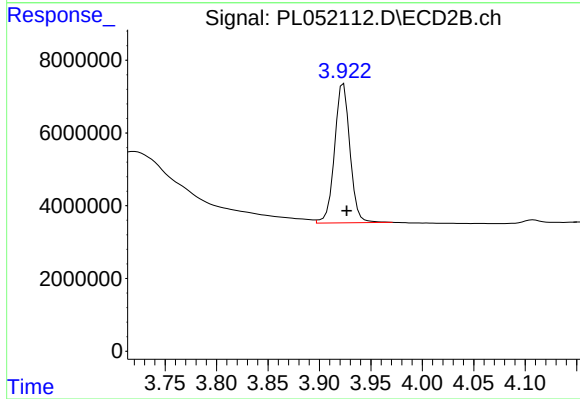
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





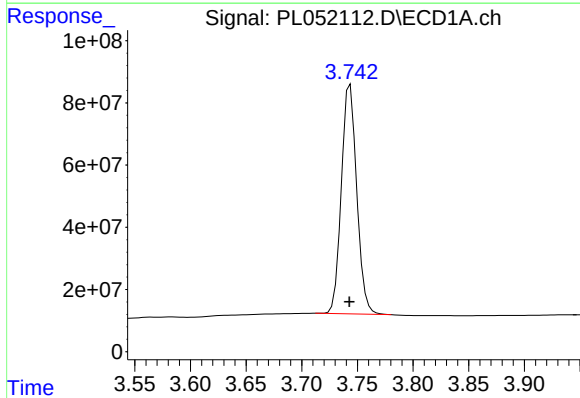
#1 Tetrachloro-m-xylene

R.T.: 3.317 min  
Delta R.T.: 0.000 min  
Response: 152765803  
Conc: 17.85 ng/ml



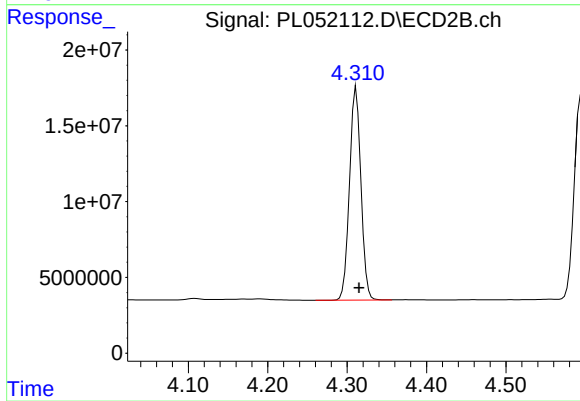
#1 Tetrachloro-m-xylene

R.T.: 3.923 min  
Delta R.T.: -0.003 min  
Response: 40073342  
Conc: 18.34 ng/ml



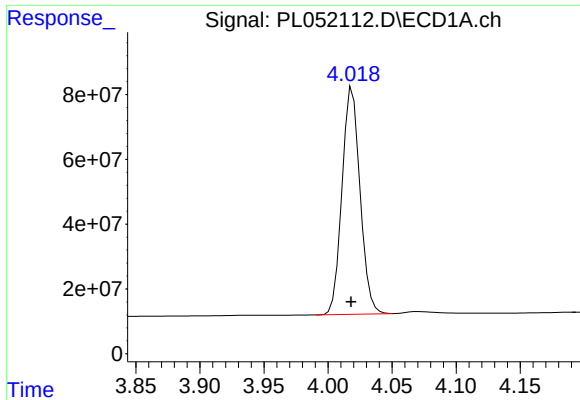
#2 alpha-BHC

R.T.: 3.744 min  
Delta R.T.: 0.001 min  
Response: 709034627  
Conc: 48.93 ng/ml



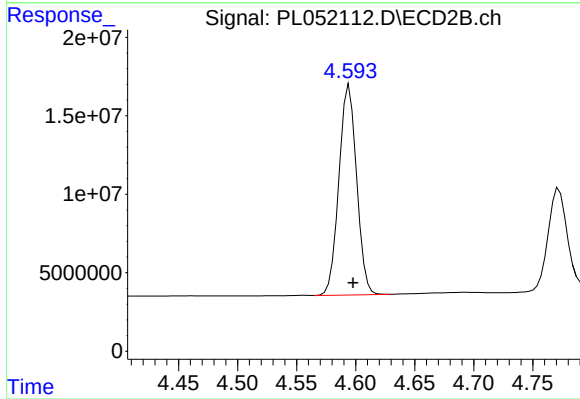
#2 alpha-BHC

R.T.: 4.311 min  
Delta R.T.: -0.004 min  
Response: 140841798  
Conc: 43.71 ng/ml



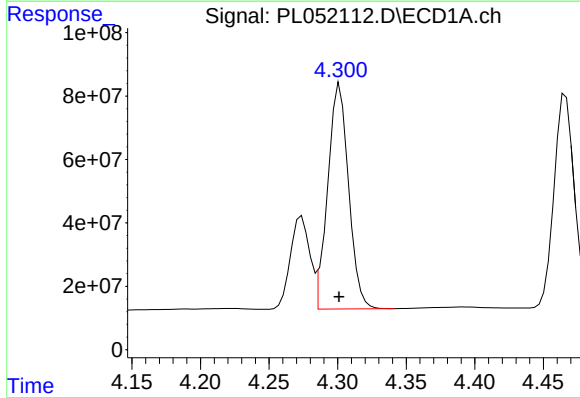
#3 gamma-BHC (Lindane)

R.T.: 4.019 min  
Delta R.T.: 0.001 min  
Response: 686266851  
Conc: 52.16 ng/ml



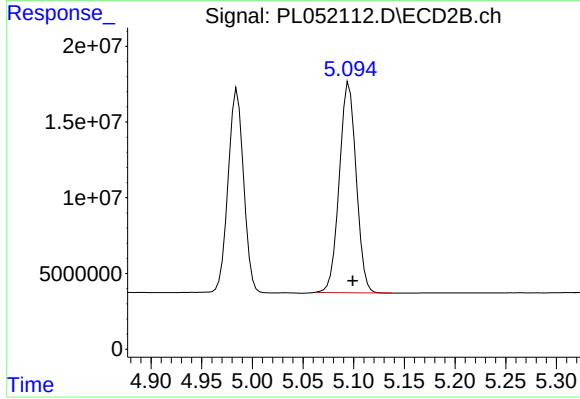
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.003 min  
Response: 139652069  
Conc: 44.36 ng/ml



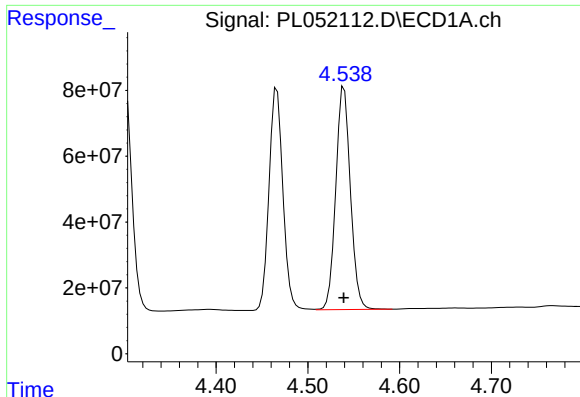
#4 Heptachlor

R.T.: 4.302 min  
Delta R.T.: 0.000 min  
Response: 750866582  
Conc: 49.60 ng/ml



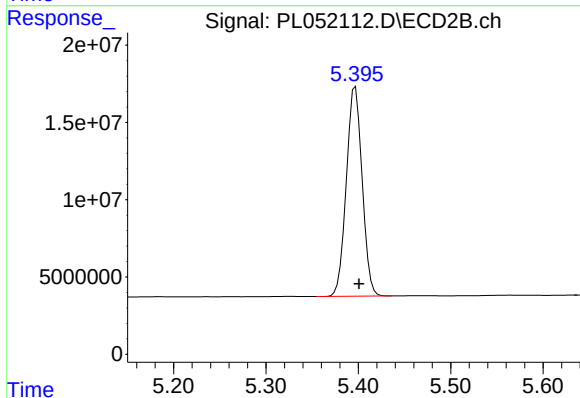
#4 Heptachlor

R.T.: 5.096 min  
Delta R.T.: -0.004 min  
Response: 161080350  
Conc: 45.93 ng/ml



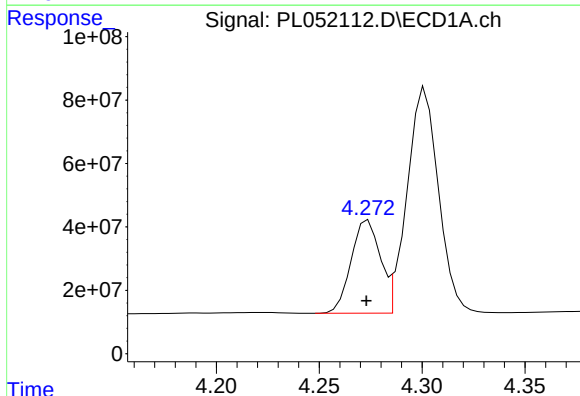
#5 Aldrin

R.T.: 4.540 min  
Delta R.T.: 0.000 min  
Response: 751782787  
Conc: 52.02 ng/ml



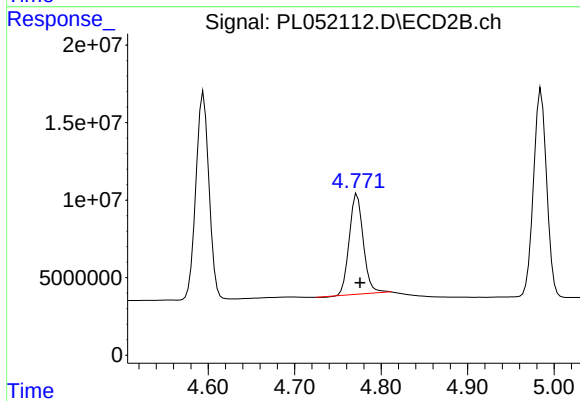
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 161310707  
Conc: 49.20 ng/ml



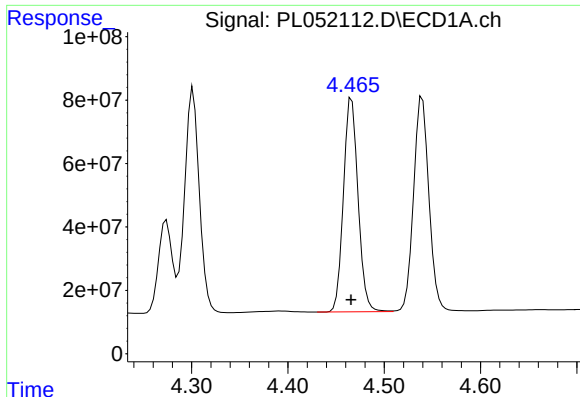
#6 beta-BHC

R.T.: 4.274 min  
Delta R.T.: 0.000 min  
Response: 289132837  
Conc: 50.64 ng/ml



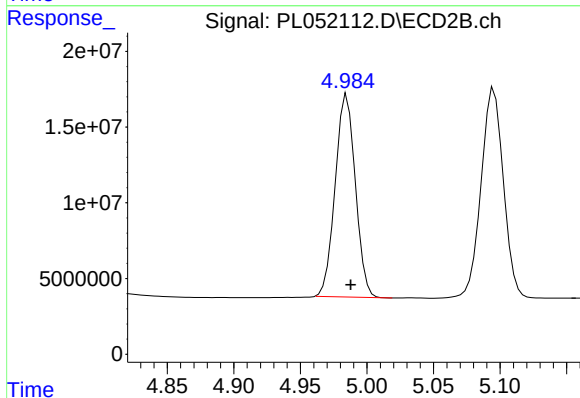
#6 beta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 72804853  
Conc: 49.95 ng/ml



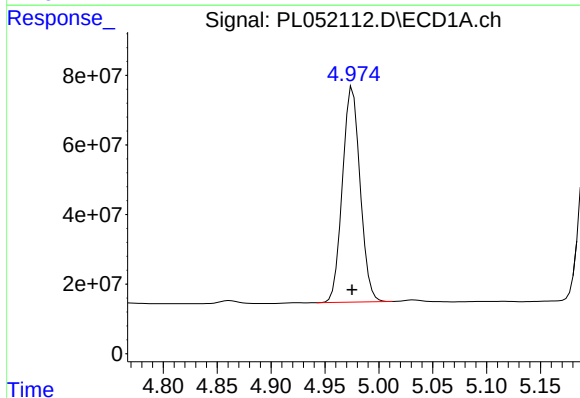
#7 delta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 708518409  
Conc: 47.65 ng/ml



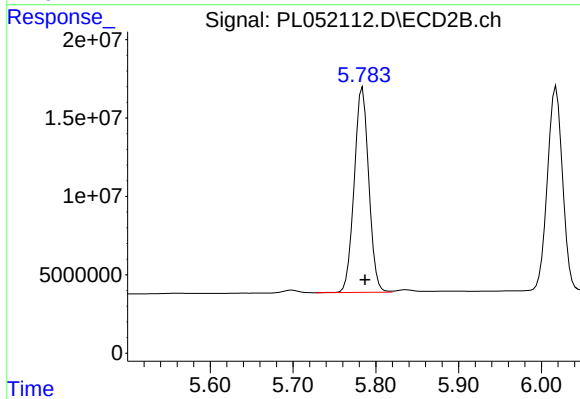
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 140859511  
Conc: 45.01 ng/ml



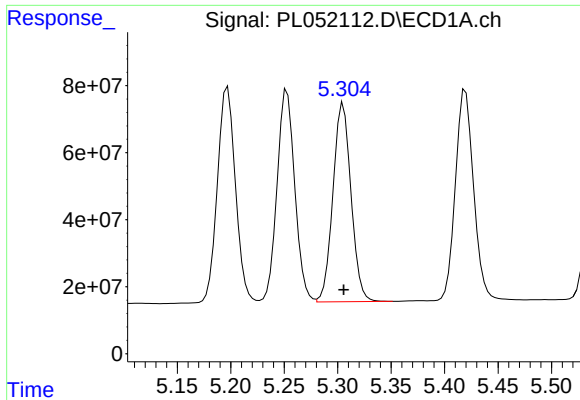
#8 Heptachlor epoxide

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 707776713  
Conc: 50.61 ng/ml



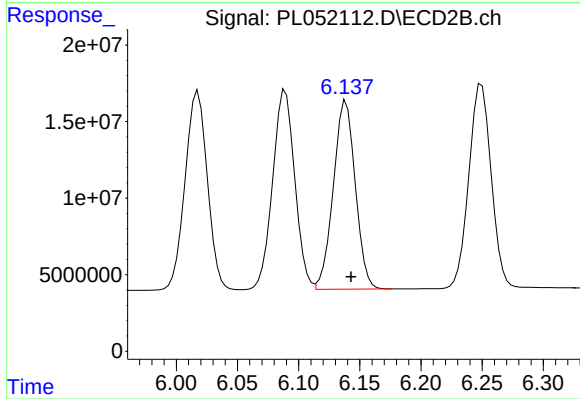
#8 Heptachlor epoxide

R.T.: 5.784 min  
Delta R.T.: -0.003 min  
Response: 159380014  
Conc: 47.23 ng/ml



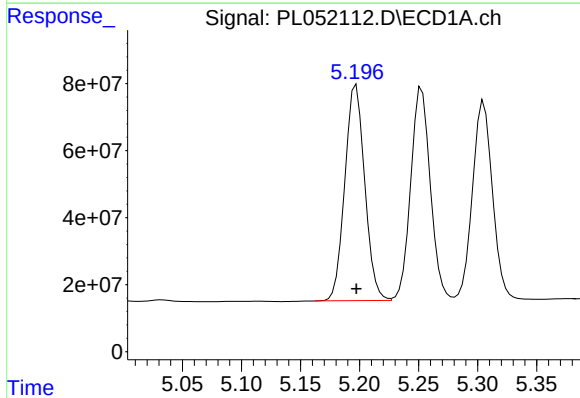
#9 Endosulfan I

R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 697987482  
Conc: 51.92 ng/ml



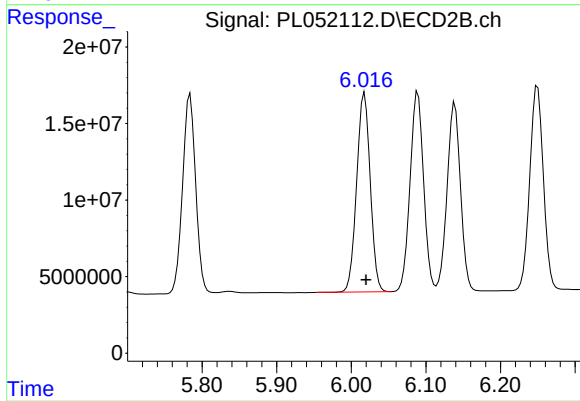
#9 Endosulfan I

R.T.: 6.139 min  
Delta R.T.: -0.004 min  
Response: 153436474  
Conc: 47.46 ng/ml



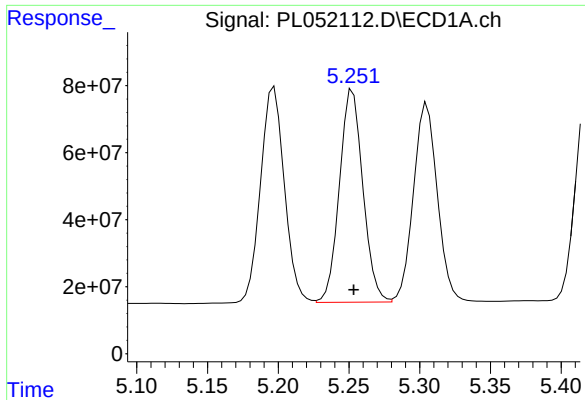
#10 gamma-Chlordane

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 755727318  
Conc: 50.61 ng/ml



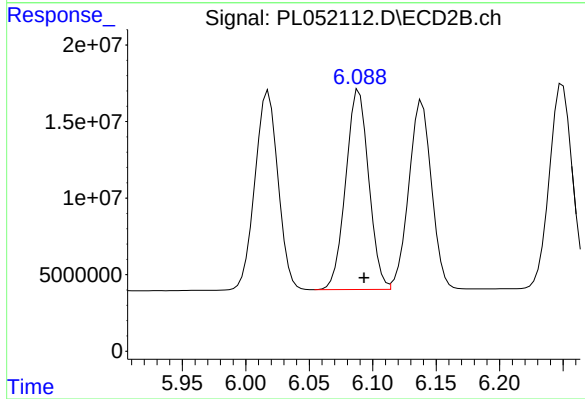
#10 gamma-Chlordane

R.T.: 6.018 min  
Delta R.T.: -0.002 min  
Response: 164732153  
Conc: 45.12 ng/ml



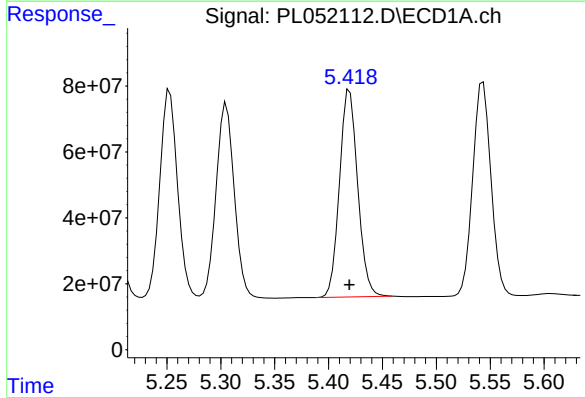
#11 alpha-Chlordane

R.T.: 5.253 min  
Delta R.T.: 0.000 min  
Response: 734087458  
Conc: 50.73 ng/ml



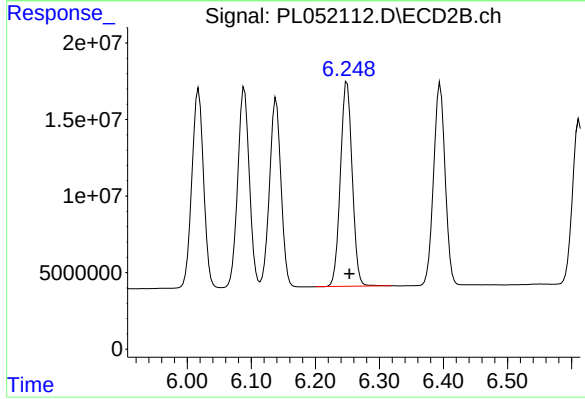
#11 alpha-Chlordane

R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 164488089  
Conc: 47.66 ng/ml



#12 4,4'-DDE

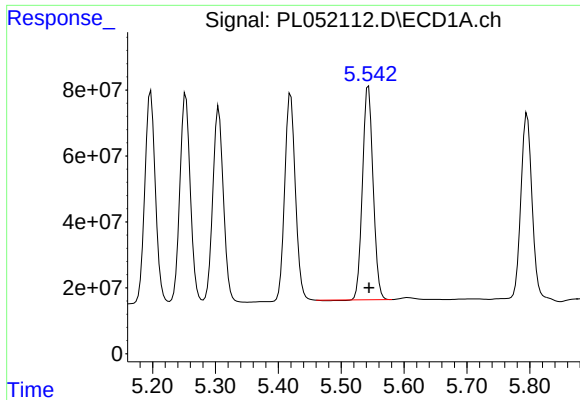
R.T.: 5.420 min  
Delta R.T.: 0.000 min  
Response: 740433660  
Conc: 54.10 ng/ml



#12 4,4'-DDE

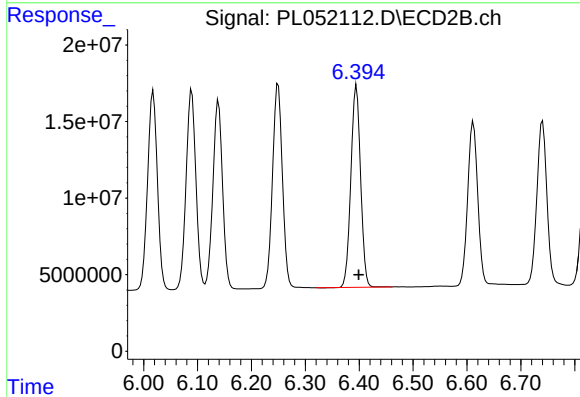
R.T.: 6.250 min  
Delta R.T.: -0.004 min  
Response: 170880219  
Conc: 48.54 ng/ml





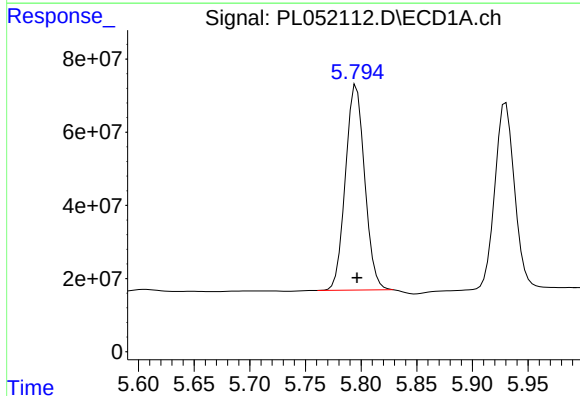
#13 Dieldrin

R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 759082478  
Conc: 49.92 ng/ml



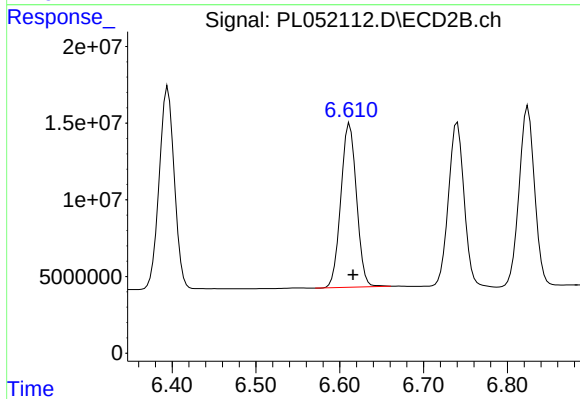
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.004 min  
Response: 165309251  
Conc: 48.27 ng/ml



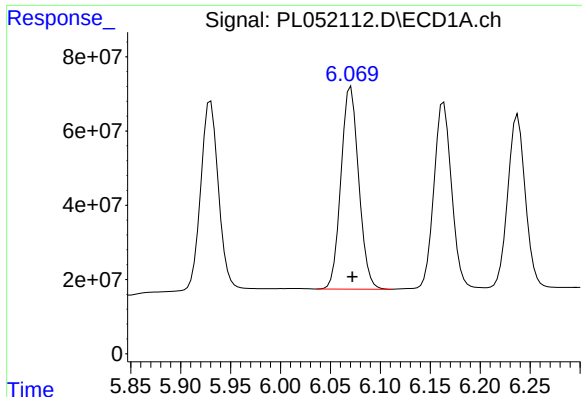
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 675374592  
Conc: 46.30 ng/ml



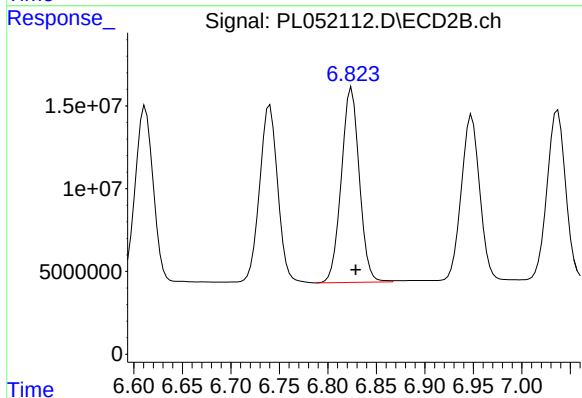
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: -0.004 min  
Response: 138780490  
Conc: 45.88 ng/ml



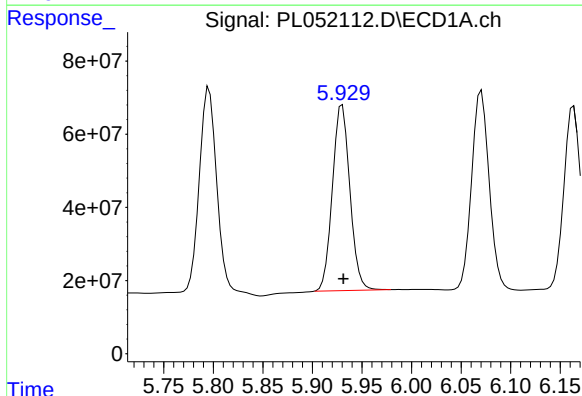
#15 Endosulfan II

R.T.: 6.071 min  
Delta R.T.: -0.001 min  
Response: 674410482  
Conc: 48.47 ng/ml



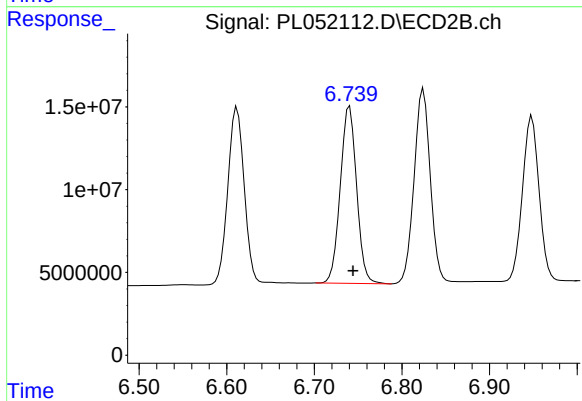
#15 Endosulfan II

R.T.: 6.824 min  
Delta R.T.: -0.004 min  
Response: 151690963  
Conc: 46.02 ng/ml



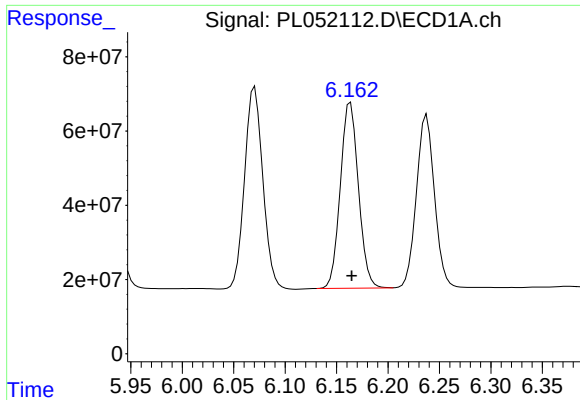
#16 4,4'-DDD

R.T.: 5.930 min  
Delta R.T.: -0.001 min  
Response: 623737580  
Conc: 50.94 ng/ml



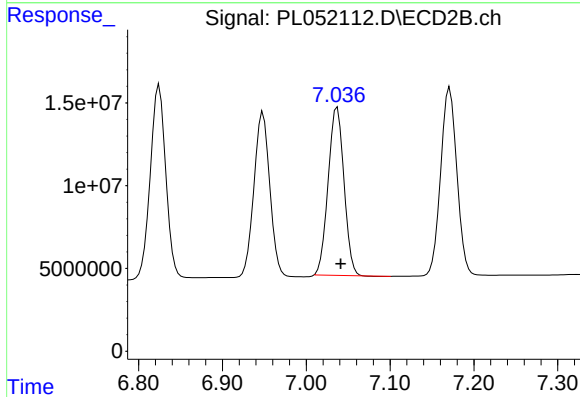
#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: -0.004 min  
Response: 138717924  
Conc: 51.24 ng/ml



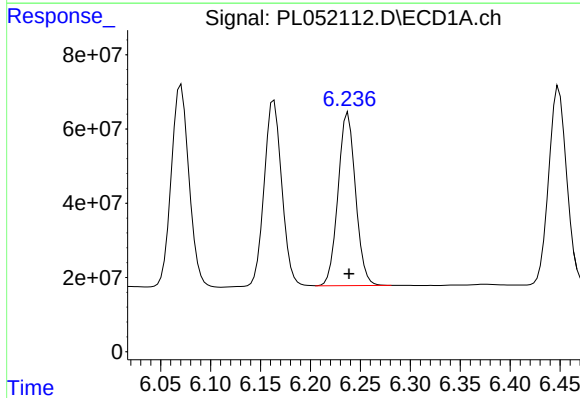
#17 4,4'-DDT

R.T.: 6.164 min  
Delta R.T.: -0.001 min  
Response: 612937276  
Conc: 48.07 ng/ml



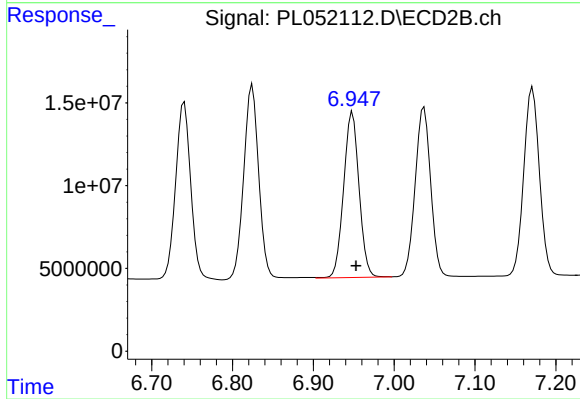
#17 4,4'-DDT

R.T.: 7.037 min  
Delta R.T.: -0.004 min  
Response: 132721210  
Conc: 45.33 ng/ml



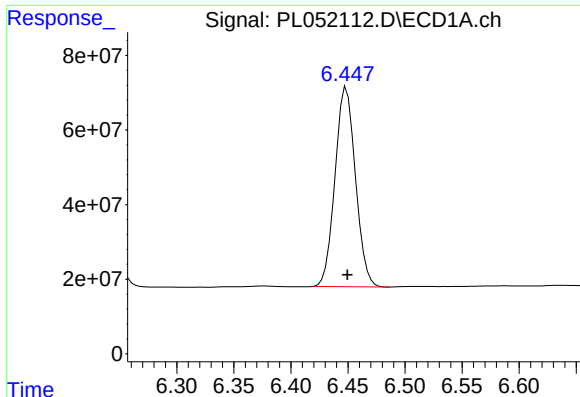
#18 Endrin aldehyde

R.T.: 6.238 min  
Delta R.T.: -0.001 min  
Response: 569181351  
Conc: 48.93 ng/ml



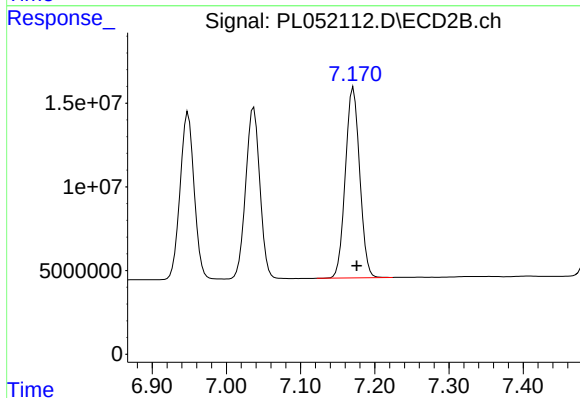
#18 Endrin aldehyde

R.T.: 6.948 min  
Delta R.T.: -0.004 min  
Response: 132442252  
Conc: 46.86 ng/ml



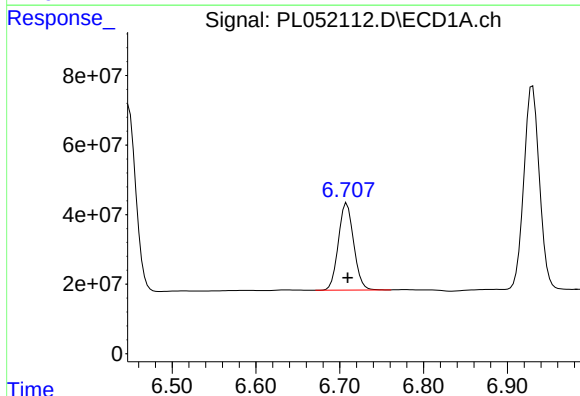
#19 Endosulfan Sulfate

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 667781241  
Conc: 51.33 ng/ml



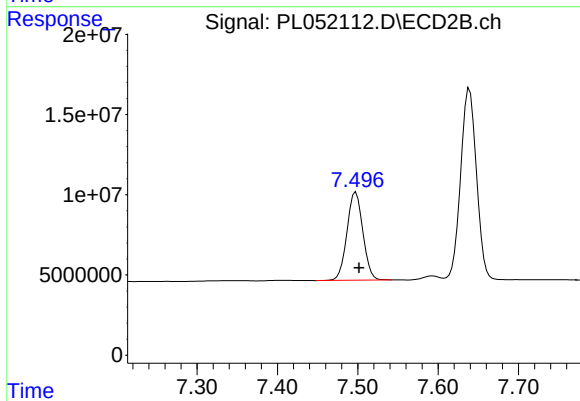
#19 Endosulfan Sulfate

R.T.: 7.171 min  
Delta R.T.: -0.005 min  
Response: 152819985  
Conc: 49.49 ng/ml



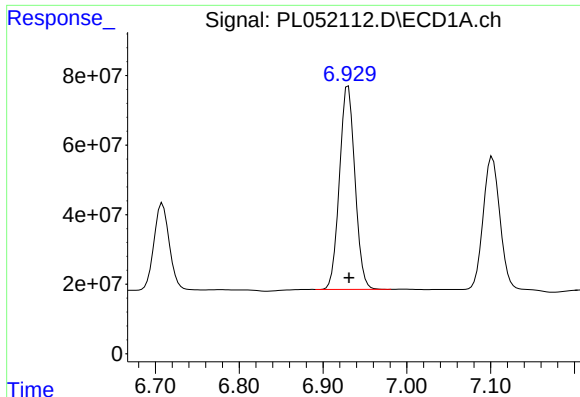
#20 Methoxychlor

R.T.: 6.708 min  
Delta R.T.: -0.001 min  
Response: 317577759  
Conc: 46.84 ng/ml



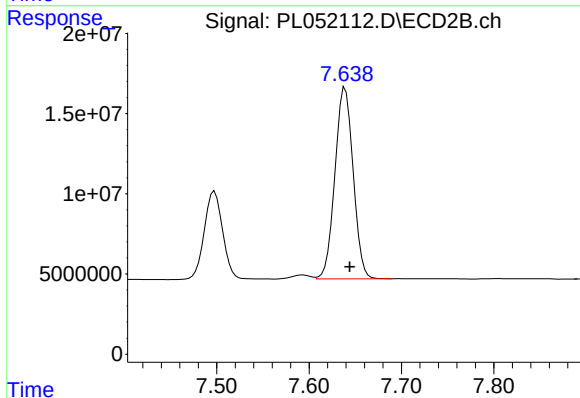
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: -0.004 min  
Response: 75640421  
Conc: 45.10 ng/ml



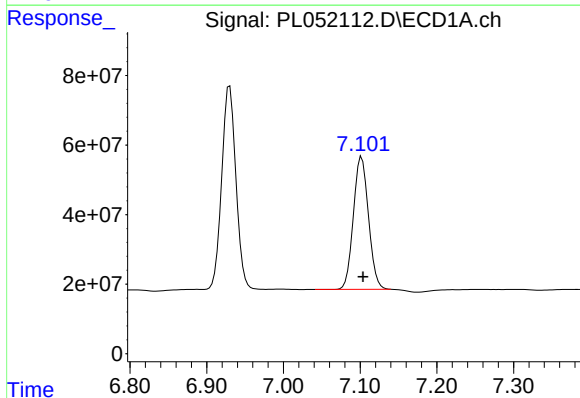
#21 Endrin ketone

R.T.: 6.930 min  
Delta R.T.: -0.001 min  
Response: 751440195  
Conc: 53.12 ng/ml



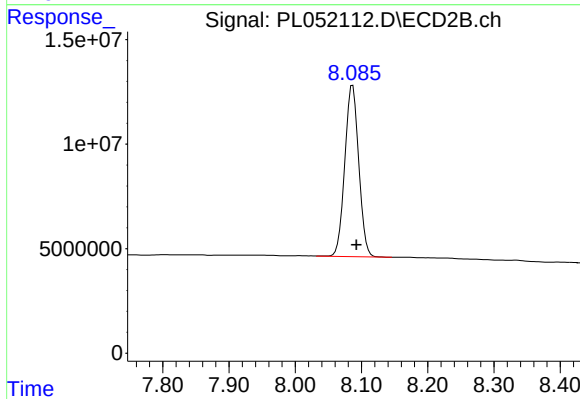
#21 Endrin ketone

R.T.: 7.639 min  
Delta R.T.: -0.005 min  
Response: 163614322  
Conc: 51.14 ng/ml



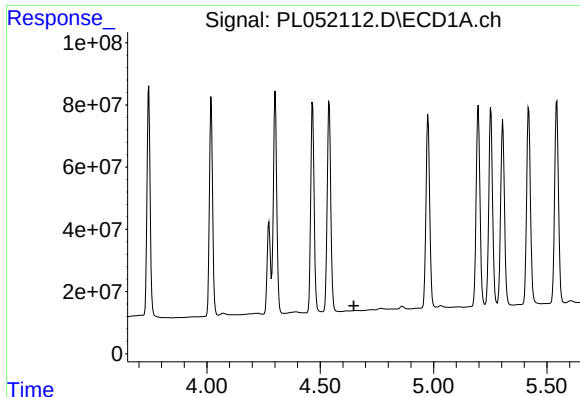
#22 Mirex

R.T.: 7.102 min  
Delta R.T.: -0.002 min  
Response: 527125167  
Conc: 49.79 ng/ml



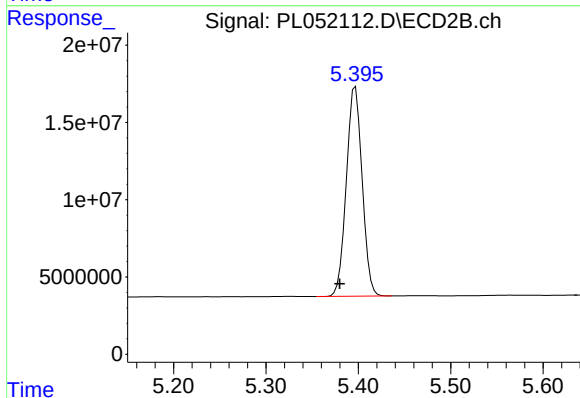
#22 Mirex

R.T.: 8.087 min  
Delta R.T.: -0.006 min  
Response: 119941068  
Conc: 49.30 ng/ml



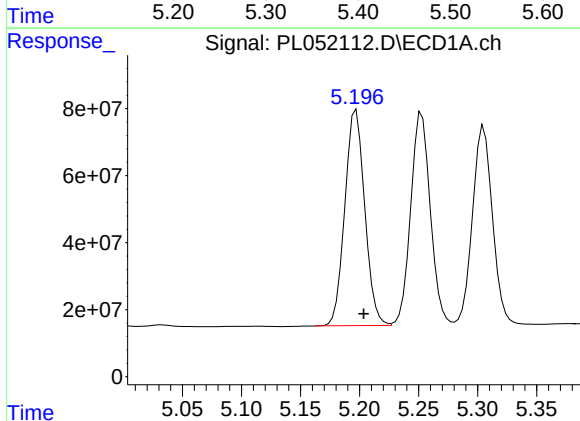
#24 Chlordane-2

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



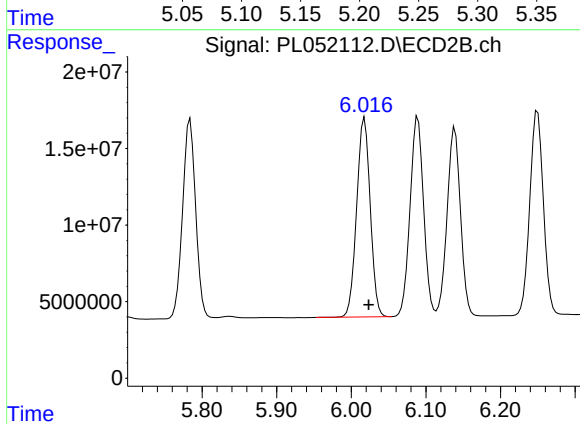
#24 Chlordane-2

R.T.: 5.397 min  
Delta R.T.: 0.017 min  
Response: 161310707  
Conc: 1607.15 ng/ml



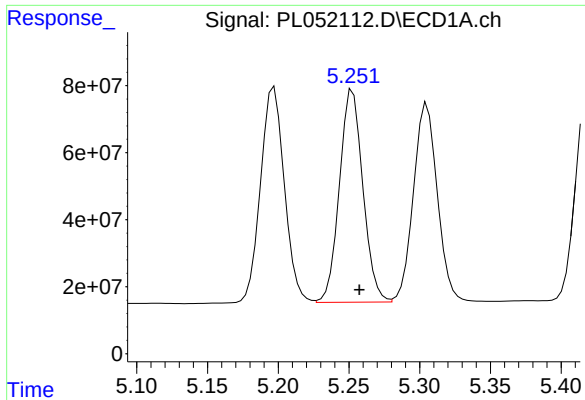
#25 Chlordane-3

R.T.: 5.197 min  
Delta R.T.: -0.006 min  
Response: 755727318  
Conc: 582.07 ng/ml



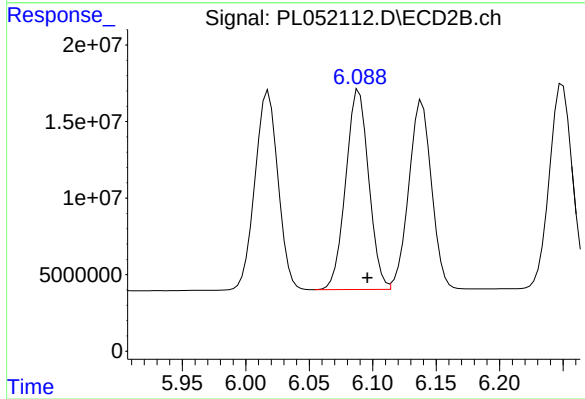
#25 Chlordane-3

R.T.: 6.018 min  
Delta R.T.: -0.006 min  
Response: 164732153  
Conc: 369.74 ng/ml



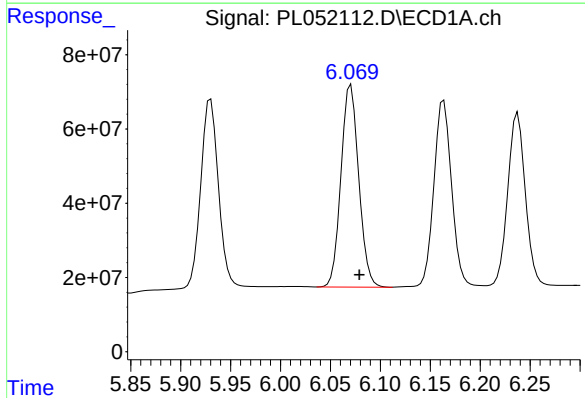
#26 Chlordane-4

R.T.: 5.253 min  
Delta R.T.: -0.005 min  
Response: 734087458  
Conc: 602.03 ng/ml



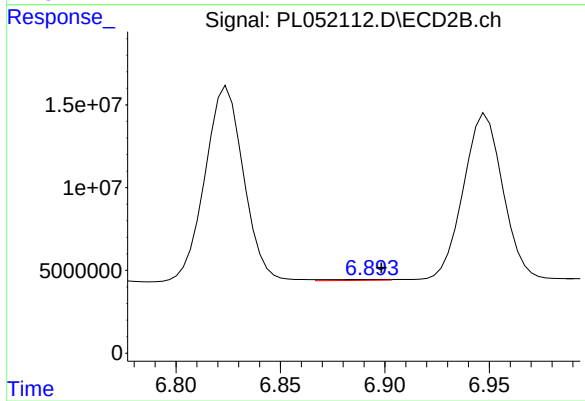
#26 Chlordane-4

R.T.: 6.089 min  
Delta R.T.: -0.007 min  
Response: 164488089  
Conc: 302.86 ng/ml



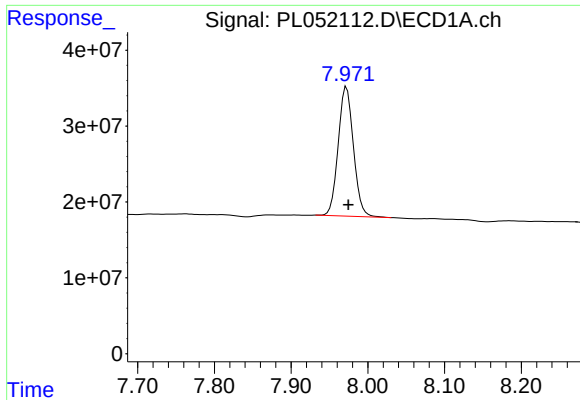
#27 Chlordane-5

R.T.: 6.071 min  
Delta R.T.: -0.008 min  
Response: 674410482  
Conc: 1374.34 ng/ml



#27 Chlordane-5

R.T.: 6.893 min  
Delta R.T.: -0.005 min  
Response: 1179539  
Conc: 11.96 ng/ml



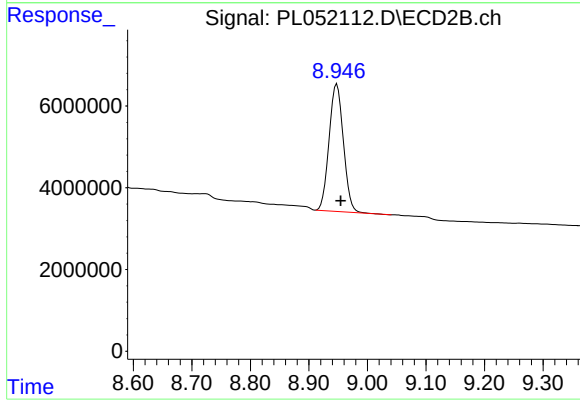
#28 Decachlorobiphenyl

R.T.: 7.972 min

Delta R.T.: -0.002 min

Response: 235214663

Conc: 19.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.948 min

Delta R.T.: -0.006 min

Response: 52803772

Conc: 17.35 ng/ml