

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103119\  
 Data File : PL053952.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2019 14:48  
 Operator : SG\AJ  
 Sample : K5612-04MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 01:16:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.542  | 4.045  | 216.9E6  | 53136221 | 20.014   | 21.234     |
| 28)                         | SA Decachlor... | 8.328  | 9.125  | 120.2E6  | 38310049 | 12.255   | 13.604     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.986  | 4.436  | 999.7E6  | 214.2E6  | 57.334   | 61.949     |
| 3)                          | MA gamma-BHC... | 4.272  | 4.721  | 887.7E6  | 193.7E6  | 57.002   | 60.141     |
| 4)                          | MA Heptachlor   | 4.579  | 5.232  | 867.6E6  | 176.4E6  | 54.972   | 54.758     |
| 5)                          | MB Aldrin       | 4.831  | 5.537  | 787.6E6  | 233.5E6  | 55.096   | 78.307 #   |
| 6)                          | B beta-BHC      | 4.522  | 4.892  | 361.0E6  | 87628301 | 54.781   | 56.731     |
| 7)                          | B delta-BHC     | 4.731  | 5.109  | 773.6E6  | 163.6E6  | 50.822   | 54.147     |
| 8)                          | B Heptachlo...  | 5.276  | 5.923  | 899.0E6  | 156.9E6  | 66.594   | 53.812     |
| 9)                          | A Endosulfan I  | 5.619  | 6.281  | 724.1E6  | 139.0E6  | 58.906   | 51.265     |
| 10)                         | B gamma-Chl...  | 5.505  | 6.157  | 847.8E6  | 150.4E6  | 62.135   | 51.548     |
| 11)                         | B alpha-Chl...  | 5.564  | 6.230  | 780.0E6  | 149.6E6  | 58.631   | 51.230     |
| 12)                         | B 4,4'-DDE      | 5.726  | 6.386  | 625.7E6  | 139.6E6  | 52.657   | 49.559     |
| 13)                         | MA Dieldrin     | 5.864  | 6.537  | 638.0E6  | 149.5E6  | 48.952   | 52.378     |
| 14)                         | MA Endrin       | 6.122  | 6.756  | 546.7E6  | 117.0E6  | 47.168   | 48.224     |
| 15)                         | B Endosulfa...  | 6.395  | 6.964  | 494.0E6  | 130.6E6  | 44.186   | 51.131     |
| 16)                         | A 4,4'-DDD      | 6.245  | 6.876  | 422.2E6  | 112.0E6  | 47.437   | 53.720     |
| 17)                         | MA 4,4'-DDT     | 6.487  | 7.175  | 393.6E6  | 104.6E6  | 39.735   | 45.253     |
| 18)                         | B Endrin al...  | 6.563  | 7.089  | 381.3E6  | 107.2E6  | 41.581   | 48.776     |
| 19)                         | B Endosulfa...  | 6.777  | 7.312  | 434.2E6  | 114.4E6  | 42.692   | 46.618     |
| 20)                         | A Methoxychlor  | 7.032  | 7.633  | 194.5E6  | 55792178 | 39.457   | 42.953     |
| 21)                         | B Endrin ke...  | 7.270  | 7.783  | 477.5E6  | 130.8E6  | 44.360   | 50.709     |
| 22)                         | Mirex           | 7.464  | 8.238  | 369.3E6  | 101.4E6  | 43.182   | 50.098     |
| 23)                         | Chlordane-1     | 4.446f | 5.040  | 5328480  | 769148   | 15.024   | 9.171 #    |
| 24)                         | Chlordane-2     | 4.912f | 5.537f | 36893938 | 233.5E6  | 95.750   | 2377.034 # |
| 25)                         | Chlordane-3     | 5.505  | 6.157  | 847.8E6  | 150.4E6  | 735.459  | 411.815 #  |
| 26)                         | Chlordane-4     | 5.564  | 6.230  | 780.0E6  | 149.6E6  | 832.041  | 333.126 #  |
| 27)                         | Chlordane-5     | 6.395  | 0.000  | 494.0E6  | 0        | 1351.443 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

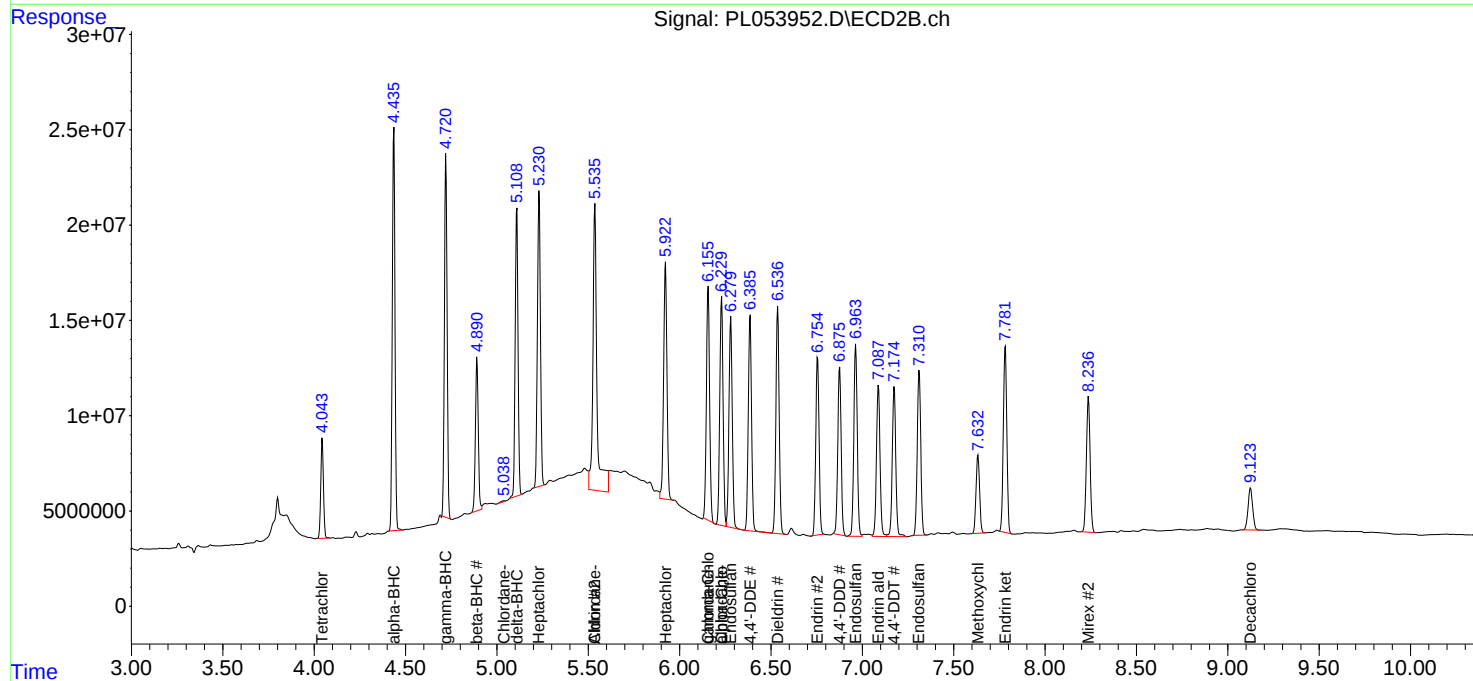
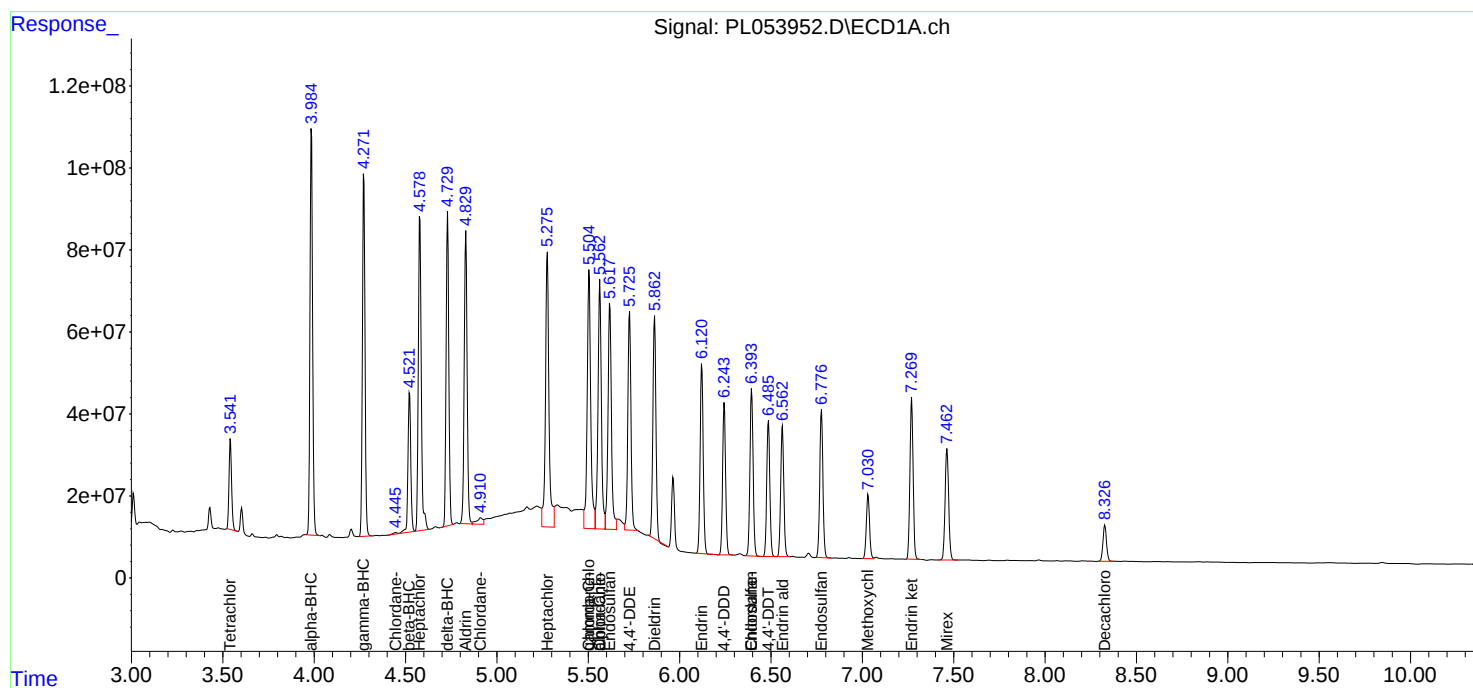
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

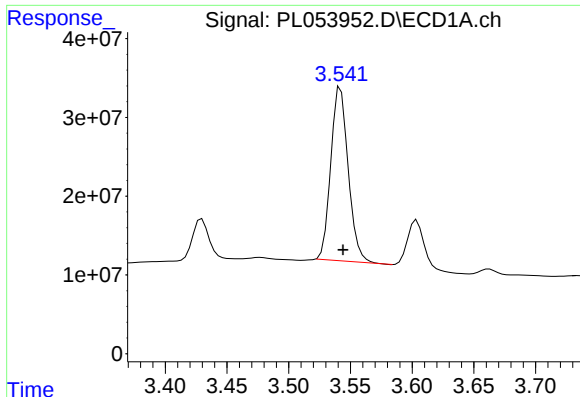
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103119\  
Data File : PL053952.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2019 14:48  
Operator : SG\AJ  
Sample : K5612-04MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 01:16:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

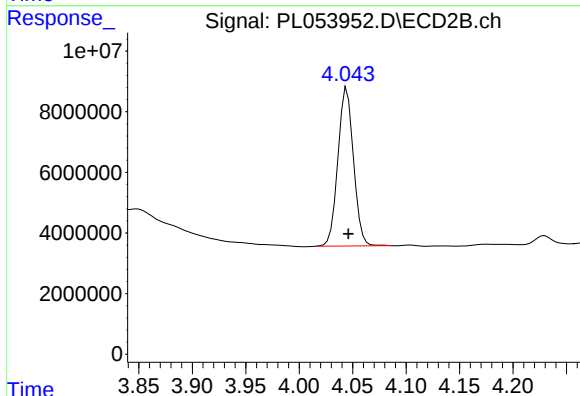




#1 Tetrachloro-m-xylene

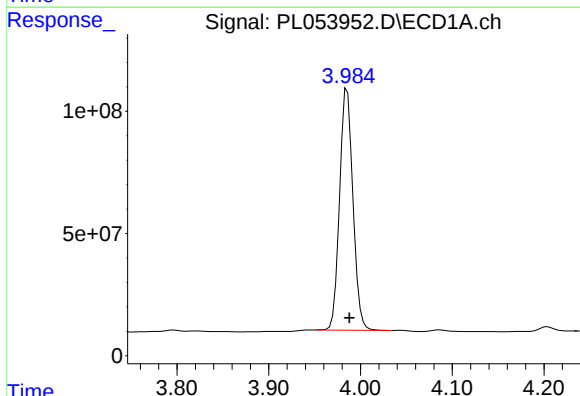
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 216938389  
Conc: 20.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



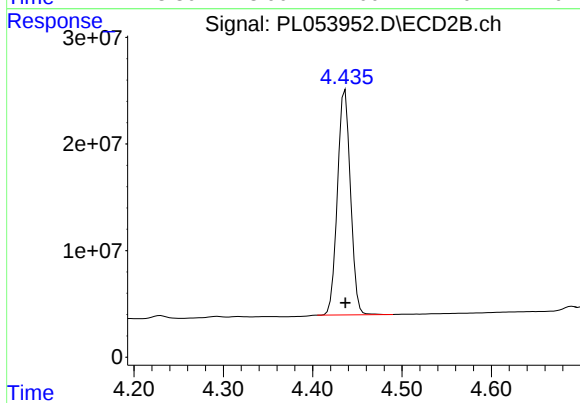
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 53136221  
Conc: 21.23 ng/ml



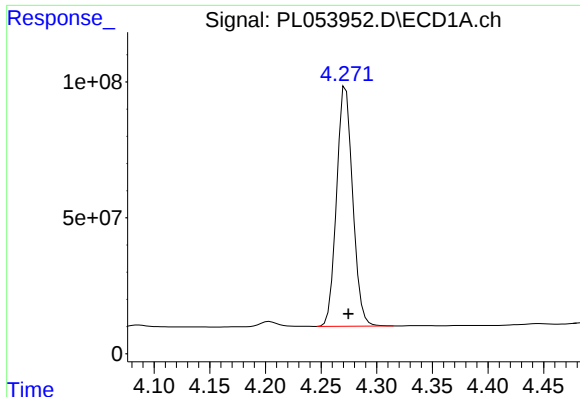
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 999711933  
Conc: 57.33 ng/ml



#2 alpha-BHC

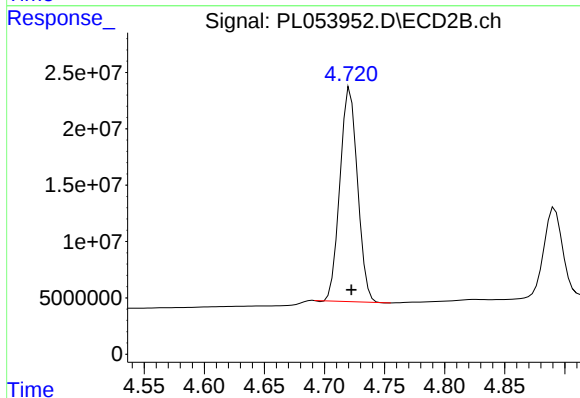
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 214161903  
Conc: 61.95 ng/ml



#3 gamma-BHC (Lindane)

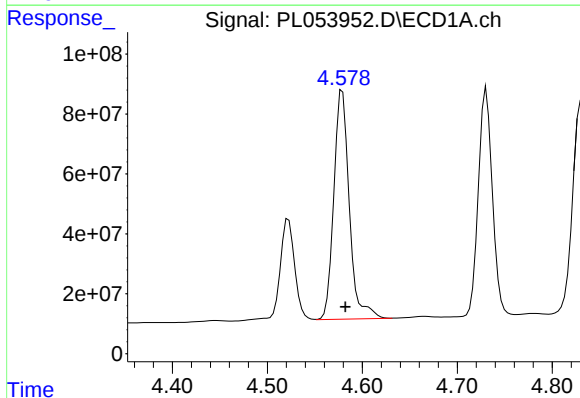
R.T.: 4.272 min  
Delta R.T.: -0.002 min  
Response: 887730659  
Conc: 57.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



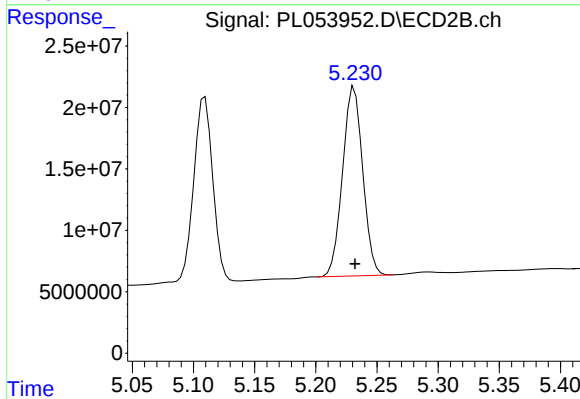
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: -0.001 min  
Response: 193677697  
Conc: 60.14 ng/ml



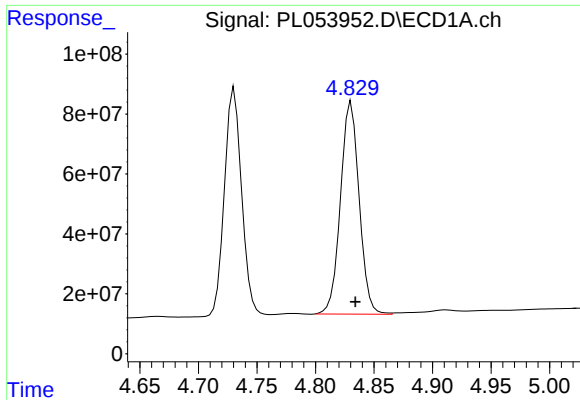
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 867613337  
Conc: 54.97 ng/ml



#4 Heptachlor

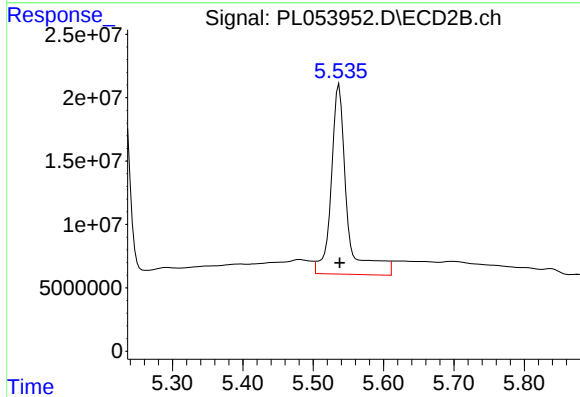
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 176439904  
Conc: 54.76 ng/ml



#5 Aldrin

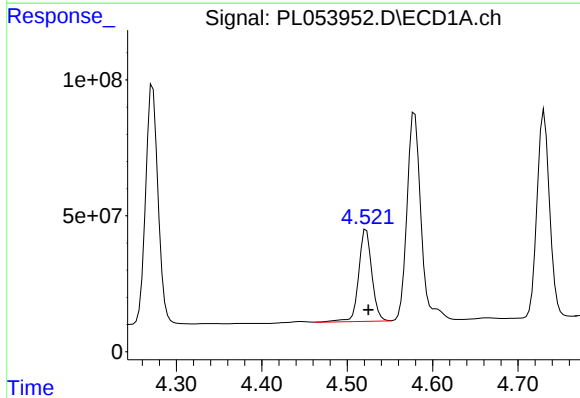
R.T.: 4.831 min  
Delta R.T.: -0.004 min  
Response: 787636293  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



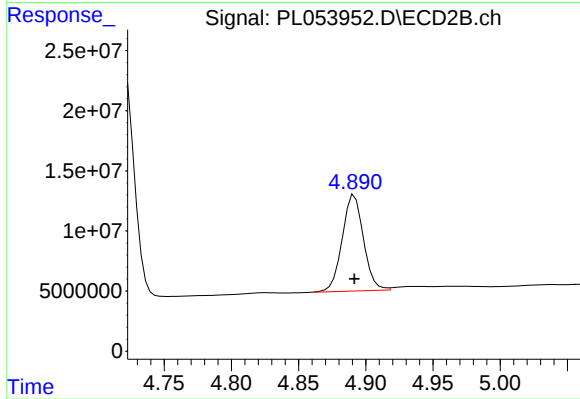
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 233475737  
Conc: 78.31 ng/ml



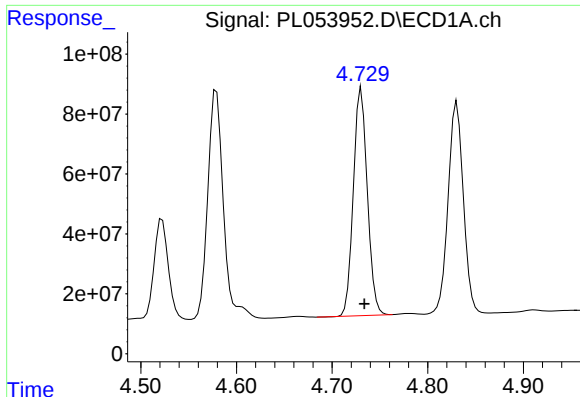
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: -0.002 min  
Response: 361002539  
Conc: 54.78 ng/ml



#6 beta-BHC

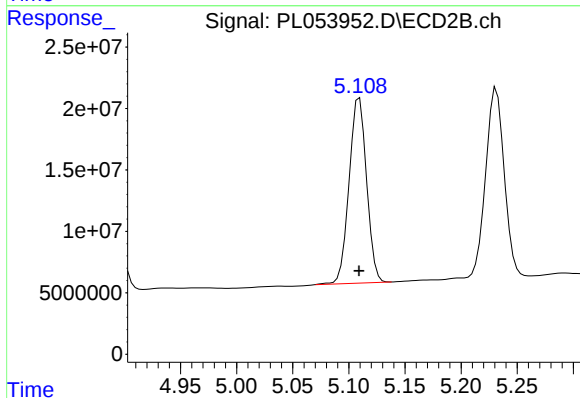
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 87628301  
Conc: 56.73 ng/ml



#7 delta-BHC

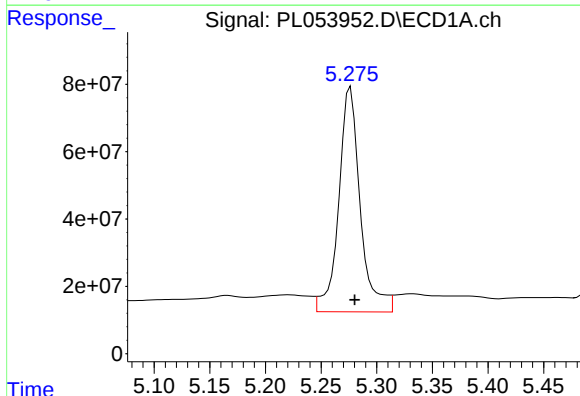
R.T.: 4.731 min  
Delta R.T.: -0.003 min  
Response: 773571268  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



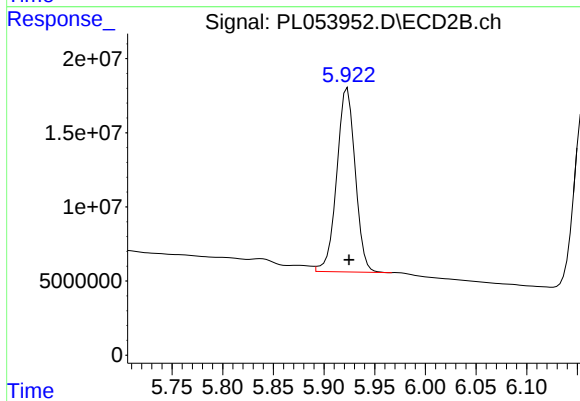
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 163556981  
Conc: 54.15 ng/ml



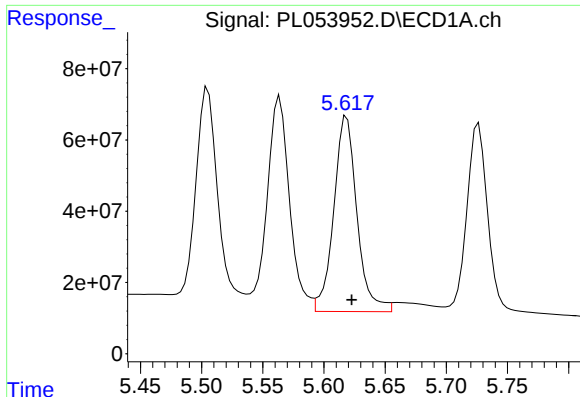
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 898961409  
Conc: 66.59 ng/ml



#8 Heptachlor epoxide

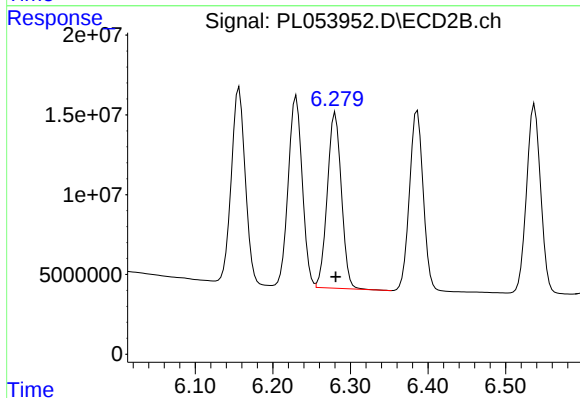
R.T.: 5.923 min  
Delta R.T.: -0.001 min  
Response: 156936695  
Conc: 53.81 ng/ml



#9 Endosulfan I

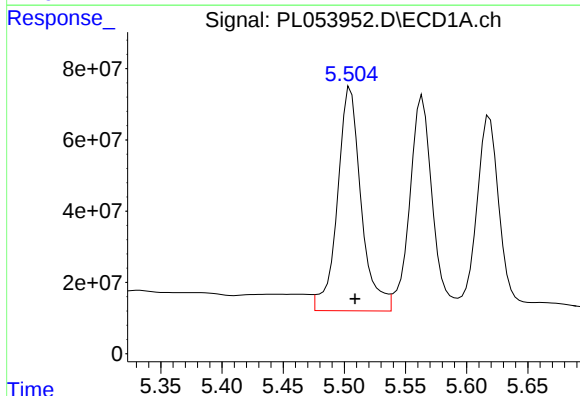
R.T.: 5.619 min  
Delta R.T.: -0.004 min  
Response: 724077486  
Conc: 58.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



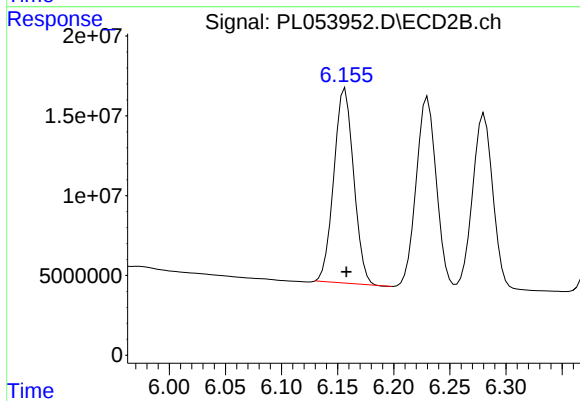
#9 Endosulfan I

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 138991843  
Conc: 51.27 ng/ml



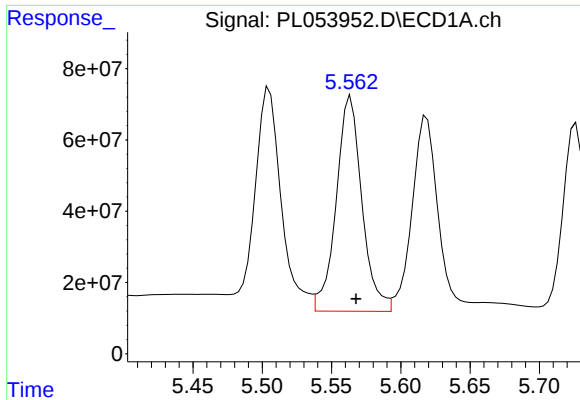
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 847753198  
Conc: 62.14 ng/ml



#10 gamma-Chlordane

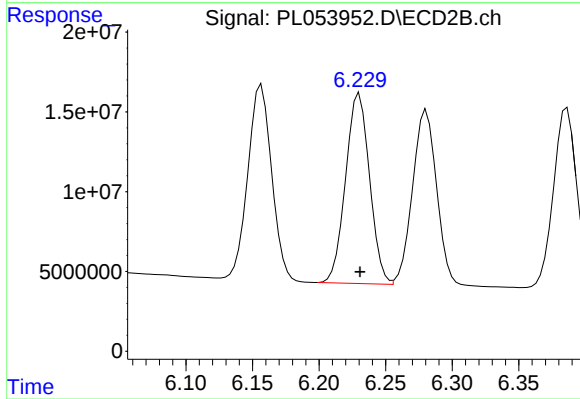
R.T.: 6.157 min  
Delta R.T.: -0.001 min  
Response: 150407406  
Conc: 51.55 ng/ml



#11 alpha-Chlordane

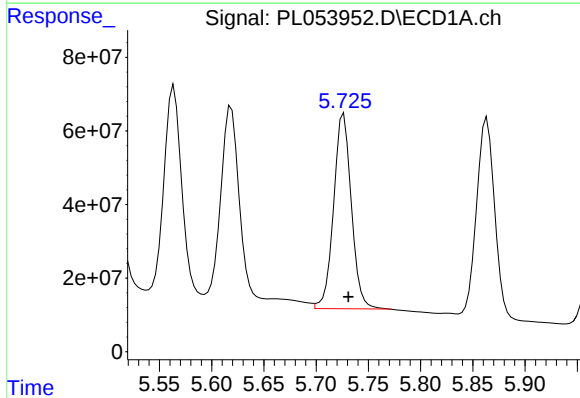
R.T.: 5.564 min  
Delta R.T.: -0.004 min  
Response: 779998104  
Conc: 58.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



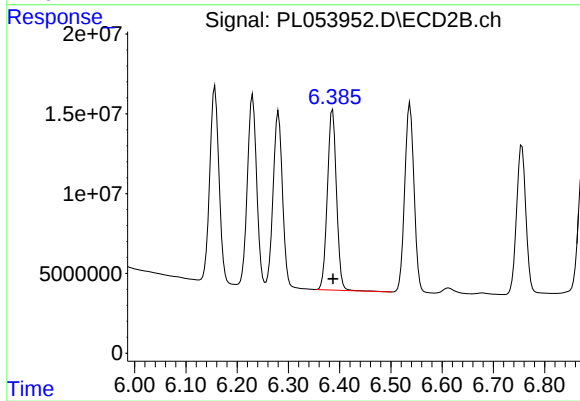
#11 alpha-Chlordane

R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 149552436  
Conc: 51.23 ng/ml



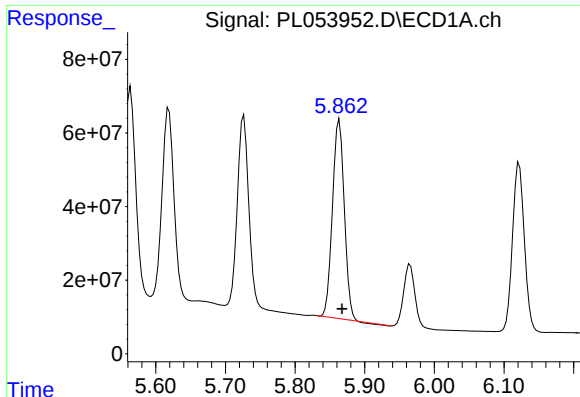
#12 4,4'-DDE

R.T.: 5.726 min  
Delta R.T.: -0.004 min  
Response: 625682869  
Conc: 52.66 ng/ml



#12 4,4'-DDE

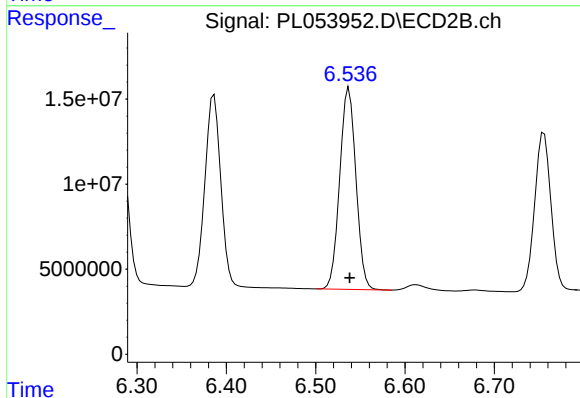
R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 139577036  
Conc: 49.56 ng/ml



#13 Dieldrin

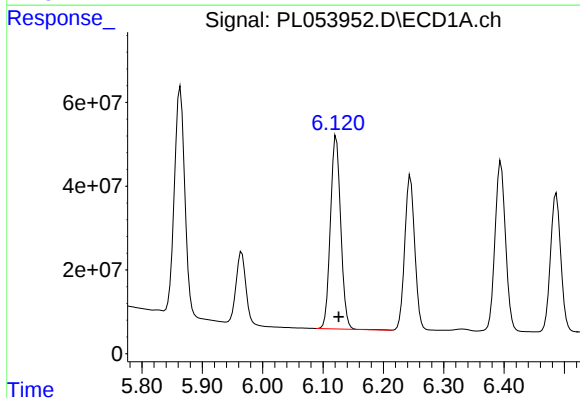
R.T.: 5.864 min  
Delta R.T.: -0.004 min  
Response: 638024053  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



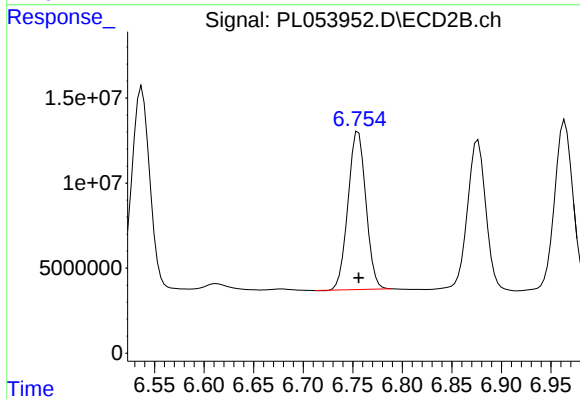
#13 Dieldrin

R.T.: 6.537 min  
Delta R.T.: 0.000 min  
Response: 149468742  
Conc: 52.38 ng/ml



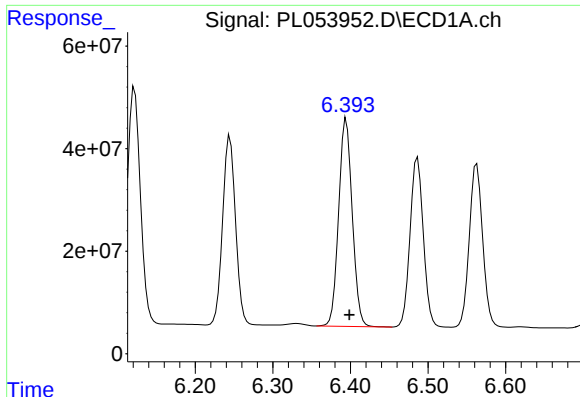
#14 Endrin

R.T.: 6.122 min  
Delta R.T.: -0.004 min  
Response: 546734445  
Conc: 47.17 ng/ml



#14 Endrin

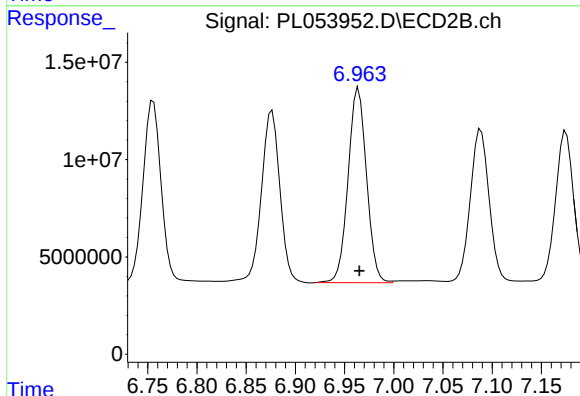
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 117049616  
Conc: 48.22 ng/ml



#15 Endosulfan II

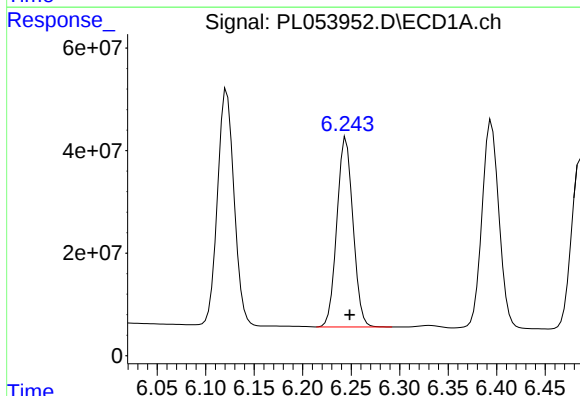
R.T.: 6.395 min  
Delta R.T.: -0.004 min  
Response: 494012288  
Conc: 44.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



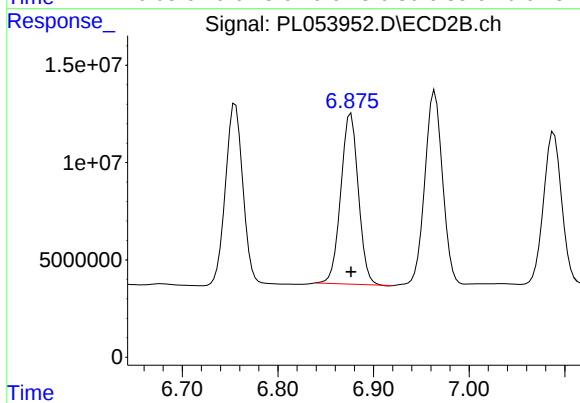
#15 Endosulfan II

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 130613862  
Conc: 51.13 ng/ml



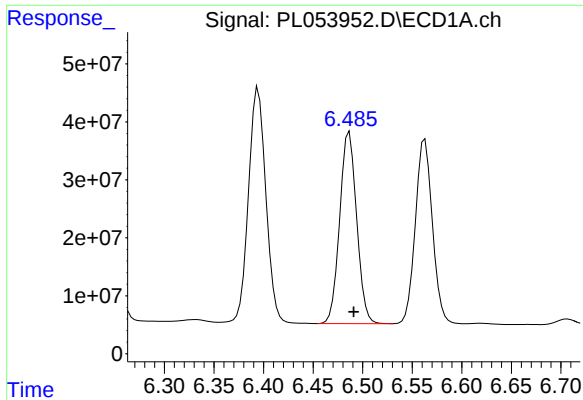
#16 4,4'-DDD

R.T.: 6.245 min  
Delta R.T.: -0.004 min  
Response: 422180532  
Conc: 47.44 ng/ml



#16 4,4'-DDD

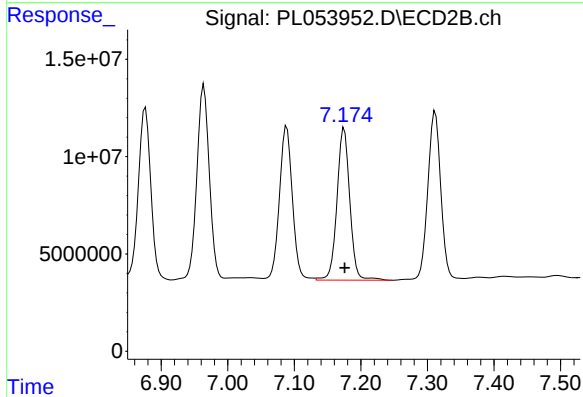
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 111951444  
Conc: 53.72 ng/ml



#17 4,4'-DDT

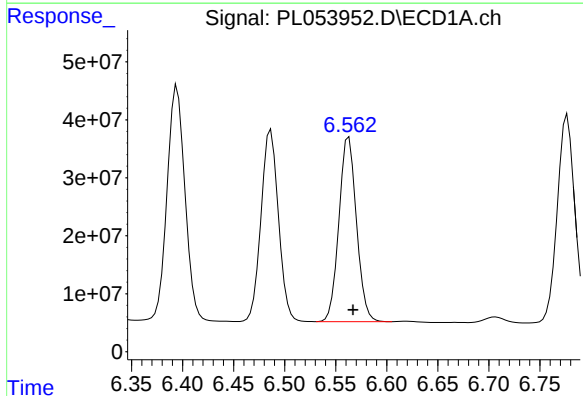
R.T.: 6.487 min  
Delta R.T.: -0.005 min  
Response: 393631196  
Conc: 39.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



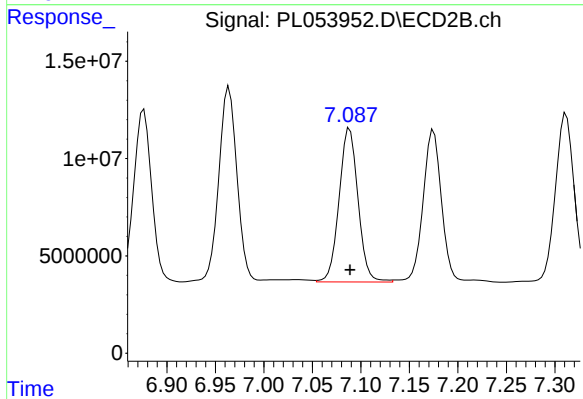
#17 4,4'-DDT

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 104648878  
Conc: 45.25 ng/ml



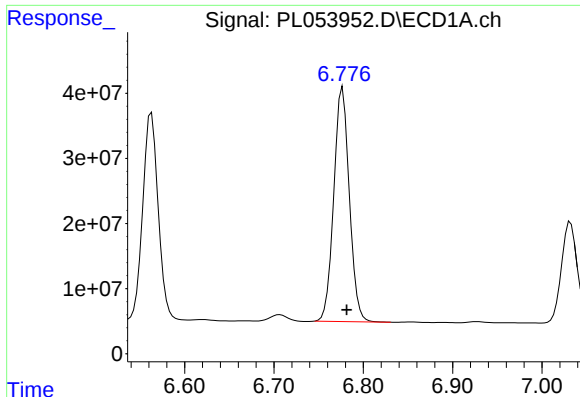
#18 Endrin aldehyde

R.T.: 6.563 min  
Delta R.T.: -0.004 min  
Response: 381267271  
Conc: 41.58 ng/ml



#18 Endrin aldehyde

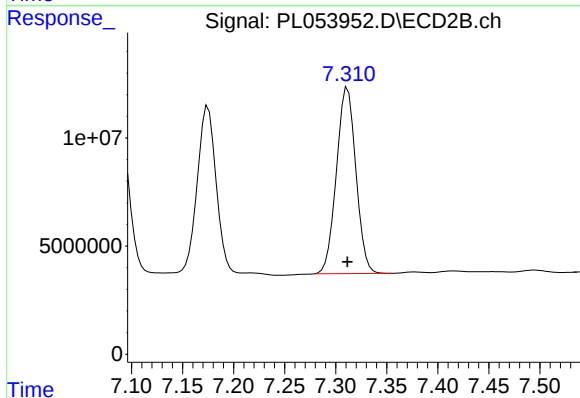
R.T.: 7.089 min  
Delta R.T.: 0.000 min  
Response: 107150467  
Conc: 48.78 ng/ml



#19 Endosulfan Sulfate

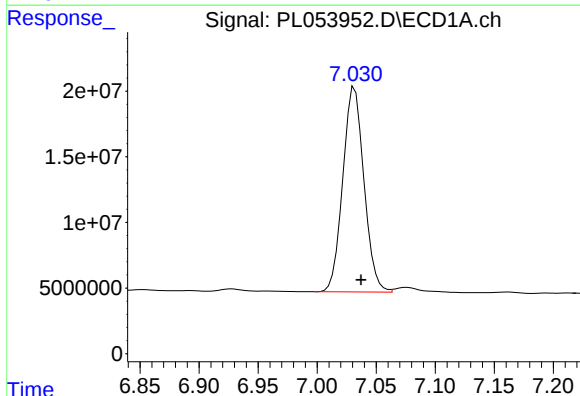
R.T.: 6.777 min  
Delta R.T.: -0.005 min  
Response: 434247779  
Conc: 42.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



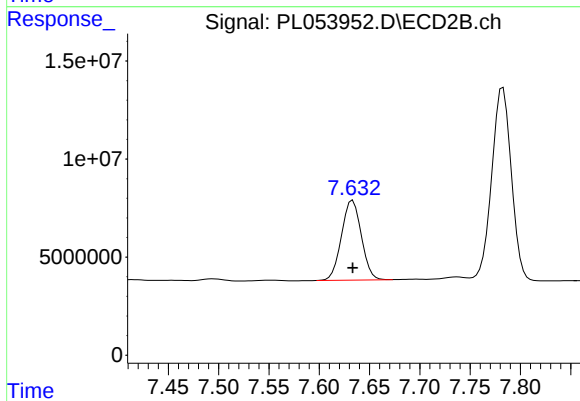
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 114382510  
Conc: 46.62 ng/ml



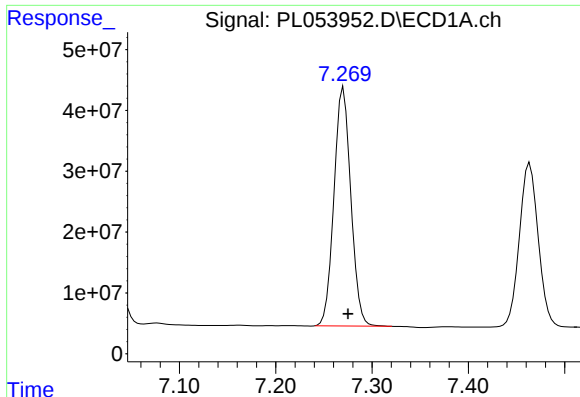
#20 Methoxychlor

R.T.: 7.032 min  
Delta R.T.: -0.005 min  
Response: 194537480  
Conc: 39.46 ng/ml



#20 Methoxychlor

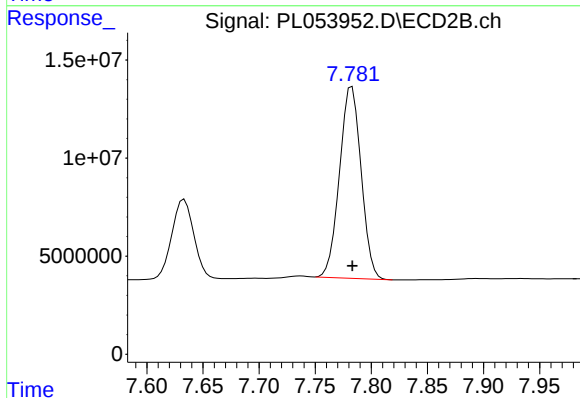
R.T.: 7.633 min  
Delta R.T.: 0.000 min  
Response: 55792178  
Conc: 42.95 ng/ml



#21 Endrin ketone

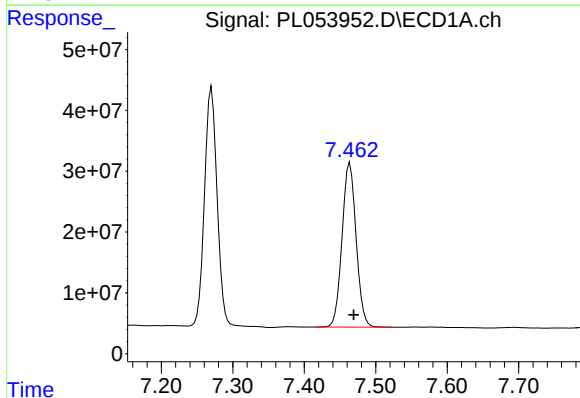
R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 477536830  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



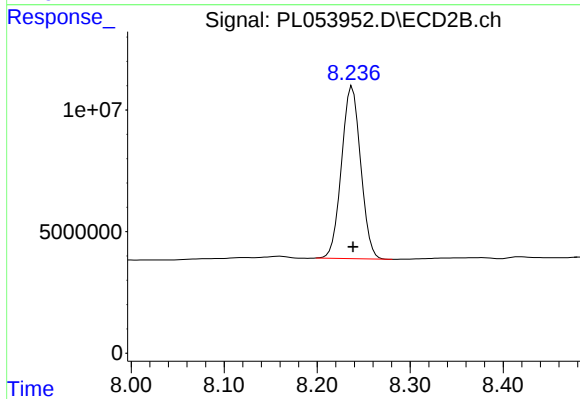
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 130751477  
Conc: 50.71 ng/ml



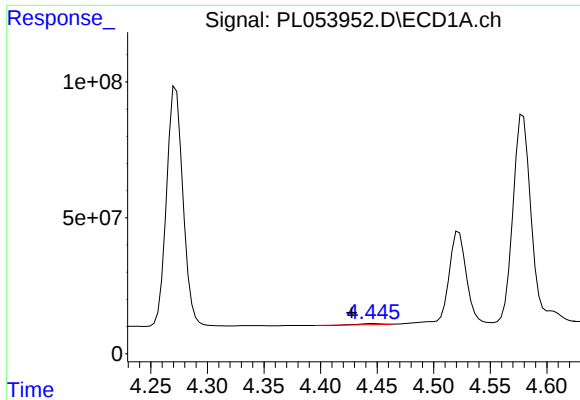
#22 Mirex

R.T.: 7.464 min  
Delta R.T.: -0.005 min  
Response: 369332092  
Conc: 43.18 ng/ml



#22 Mirex

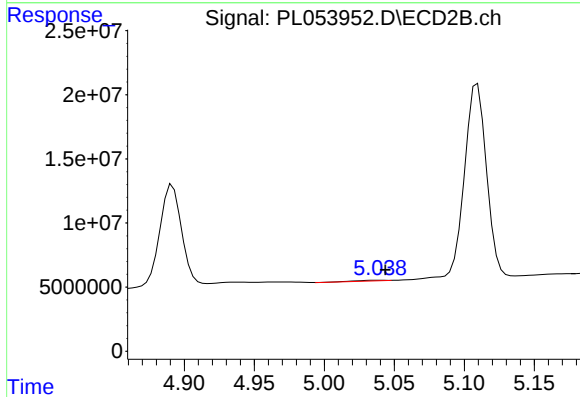
R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 101352009  
Conc: 50.10 ng/ml



#23 Chlordane-1

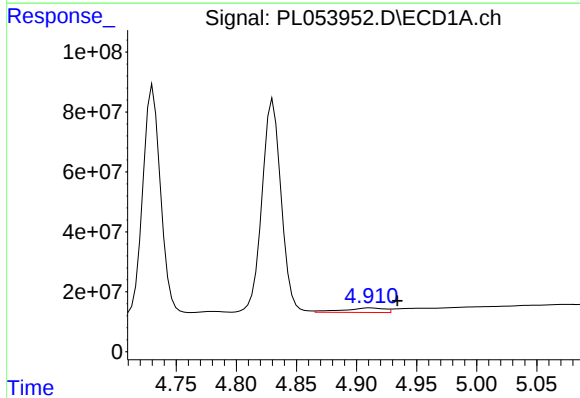
R.T.: 4.446 min  
Delta R.T.: 0.018 min  
Response: 5328480  
Conc: 15.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



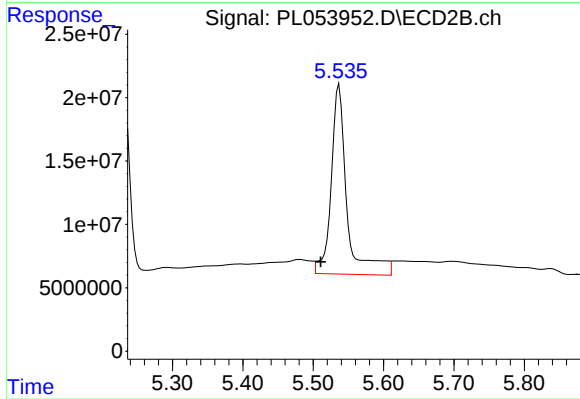
#23 Chlordane-1

R.T.: 5.040 min  
Delta R.T.: -0.004 min  
Response: 769148  
Conc: 9.17 ng/ml



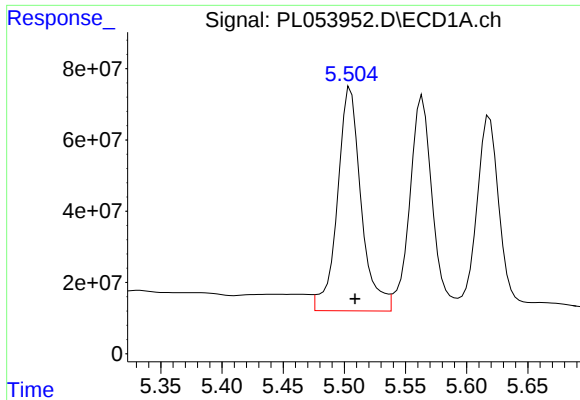
#24 Chlordane-2

R.T.: 4.912 min  
Delta R.T.: -0.022 min  
Response: 36893938  
Conc: 95.75 ng/ml



#24 Chlordane-2

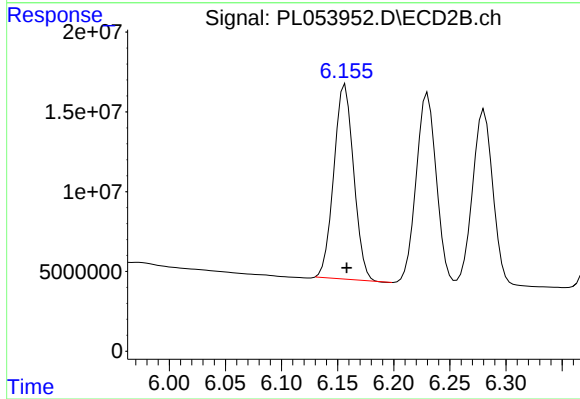
R.T.: 5.537 min  
Delta R.T.: 0.026 min  
Response: 233475737  
Conc: 2377.03 ng/ml



#25 Chlordane-3

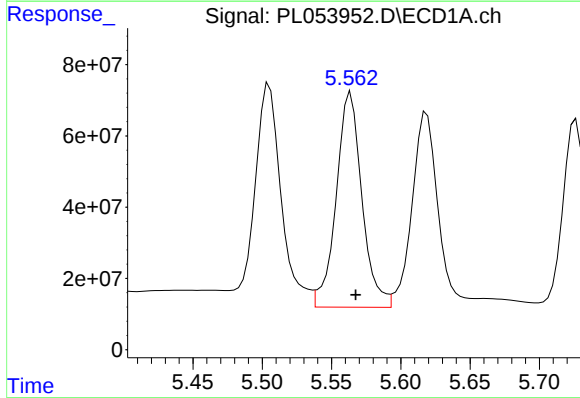
R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 847753198  
Conc: 735.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



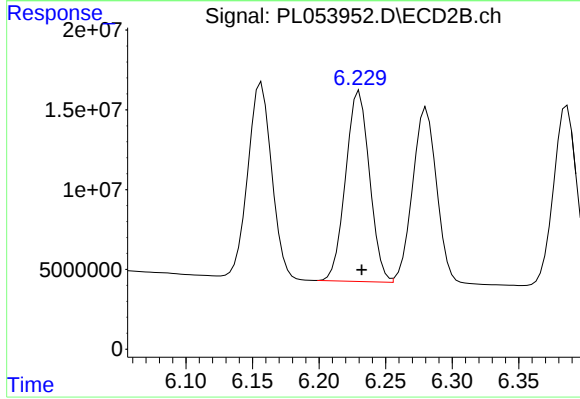
#25 Chlordane-3

R.T.: 6.157 min  
Delta R.T.: -0.001 min  
Response: 150407406  
Conc: 411.82 ng/ml



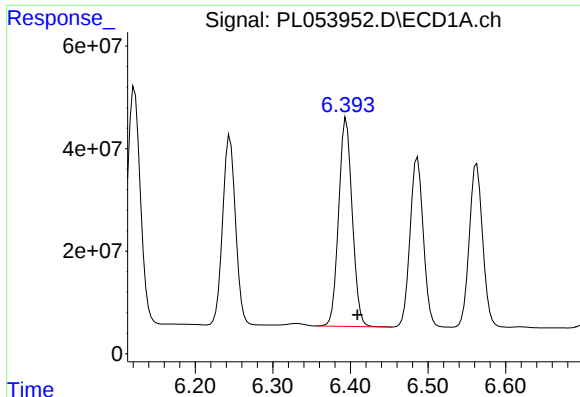
#26 Chlordane-4

R.T.: 5.564 min  
Delta R.T.: -0.004 min  
Response: 779998104  
Conc: 832.04 ng/ml



#26 Chlordane-4

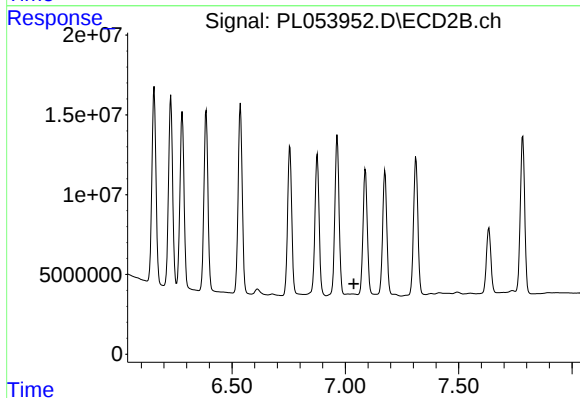
R.T.: 6.230 min  
Delta R.T.: -0.002 min  
Response: 149552436  
Conc: 333.13 ng/ml



#27 Chlordane-5

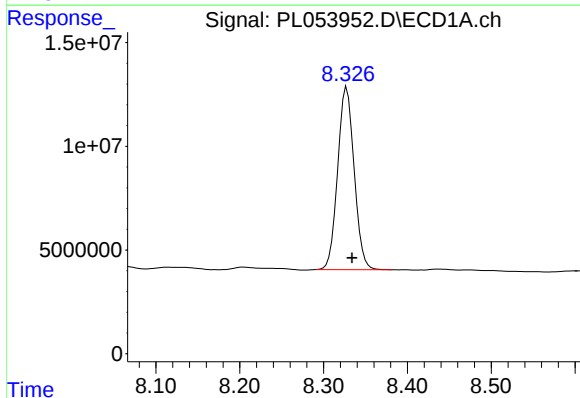
R.T.: 6.395 min  
Delta R.T.: -0.014 min  
Response: 494012288  
Conc: 1351.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



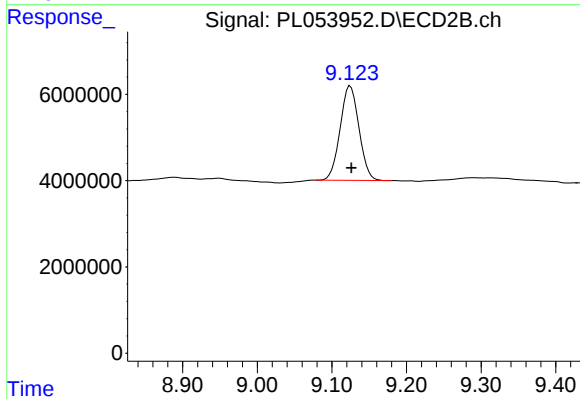
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.328 min  
Delta R.T.: -0.006 min  
Response: 120237442  
Conc: 12.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.125 min  
Delta R.T.: -0.001 min  
Response: 38310049  
Conc: 13.60 ng/ml