

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100219\  
 Data File : PL052994.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2019 15:59  
 Operator : SG\AJ  
 Sample : K5133-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 01:11:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.549 | 4.048  | 169.5E6  | 48294929 | 17.046   | 17.986     |
| 28)                         | SA Decachlor... | 8.345 | 9.128  | 137.5E6  | 44627786 | 13.730   | 15.212     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994 | 4.439  | 819.7E6  | 204.0E6  | 51.393   | 53.135     |
| 3)                          | MA gamma-BHC... | 4.281 | 4.725  | 756.9E6  | 192.0E6  | 51.967   | 53.030     |
| 4)                          | MA Heptachlor   | 4.589 | 5.235  | 814.4E6  | 211.8E6  | 54.506   | 55.583     |
| 5)                          | MB Aldrin       | 4.842 | 5.540  | 753.7E6  | 212.8E6  | 54.795   | 61.408     |
| 6)                          | B beta-BHC      | 4.530 | 4.893  | 312.4E6  | 88148727 | 50.310   | 56.081     |
| 7)                          | B delta-BHC     | 4.740 | 5.111  | 713.0E6  | 172.8E6  | 49.759   | 47.736     |
| 8)                          | B Heptachlo...  | 5.288 | 5.926  | 645.4E6  | 199.7E6  | 49.528   | 59.587     |
| 9)                          | A Endosulfan I  | 5.631 | 6.284  | 624.6E6  | 167.7E6  | 51.469   | 53.650     |
| 10)                         | B gamma-Chl...  | 5.518 | 6.160  | 1038.1E6 | 248.5E6  | 77.195   | 73.439     |
| 11)                         | B alpha-Chl...  | 5.577 | 6.234  | 886.5E6  | 254.4E6  | 67.214   | 75.592     |
| 12)                         | B 4,4'-DDE      | 5.740 | 6.389  | 622.1E6  | 177.3E6  | 53.597   | 54.276     |
| 13)                         | MA Dieldrin     | 5.877 | 6.540  | 664.5E6  | 173.9E6  | 51.477   | 53.304     |
| 14)                         | MA Endrin       | 6.135 | 6.758  | 573.6E6  | 140.0E6  | 50.356   | 50.413     |
| 15)                         | B Endosulfa...  | 6.409 | 6.967  | 609.5E6  | 152.5E6  | 53.185   | 51.404     |
| 16)                         | A 4,4'-DDD      | 6.258 | 6.879  | 498.3E6  | 149.4E6  | 55.433   | 60.915     |
| 17)                         | MA 4,4'-DDT     | 6.502 | 7.178  | 504.3E6  | 129.7E6  | 49.379   | 49.849     |
| 18)                         | B Endrin al...  | 6.576 | 7.091  | 456.8E6  | 126.9E6  | 48.645   | 51.748     |
| 19)                         | B Endosulfa...  | 6.790 | 7.313  | 510.0E6  | 138.7E6  | 48.997   | 50.803     |
| 20)                         | A Methoxychlor  | 7.047 | 7.635  | 237.9E6  | 70059276 | 46.112   | 49.761     |
| 21)                         | B Endrin ke...  | 7.285 | 7.784  | 556.1E6  | 152.4E6  | 47.717   | 53.408     |
| 22)                         | Mirex           | 7.480 | 8.240  | 402.5E6  | 112.8E6  | 42.619   | 50.153     |
| 23)                         | Chlordane-1     | 4.435 | 5.045  | 70977348 | 18844778 | 204.239  | 185.791    |
| 24)                         | Chlordane-2     | 4.941 | 5.540f | 69063543 | 212.8E6  | 173.838  | 1901.476 # |
| 25)                         | Chlordane-3     | 5.518 | 6.160  | 1038.1E6 | 248.5E6  | 895.944  | 570.482 #  |
| 26)                         | Chlordane-4     | 5.577 | 6.234  | 886.5E6  | 254.4E6  | 928.857  | 479.170 #  |
| 27)                         | Chlordane-5     | 6.409 | 7.040  | 609.5E6  | 17564306 | 1545.184 | 199.121 #  |
| -----                       |                 |       |        |          |          |          |            |

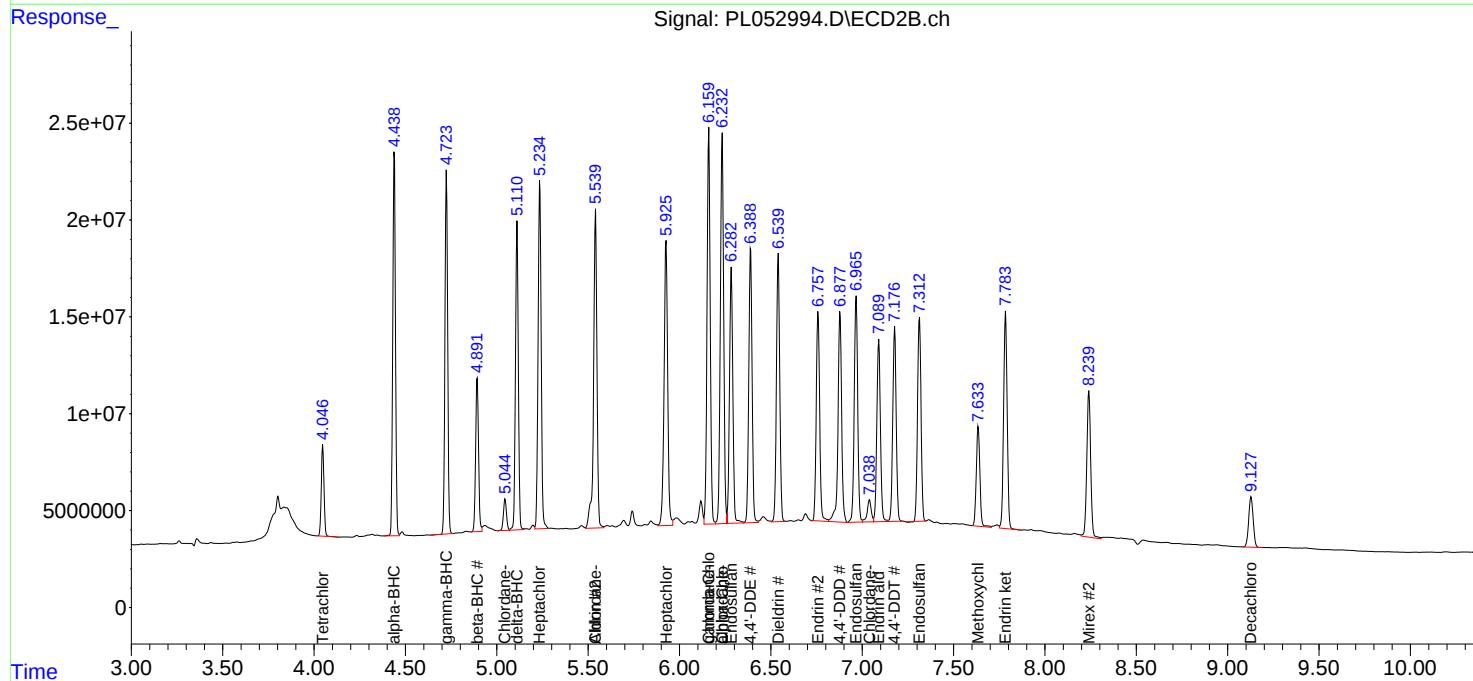
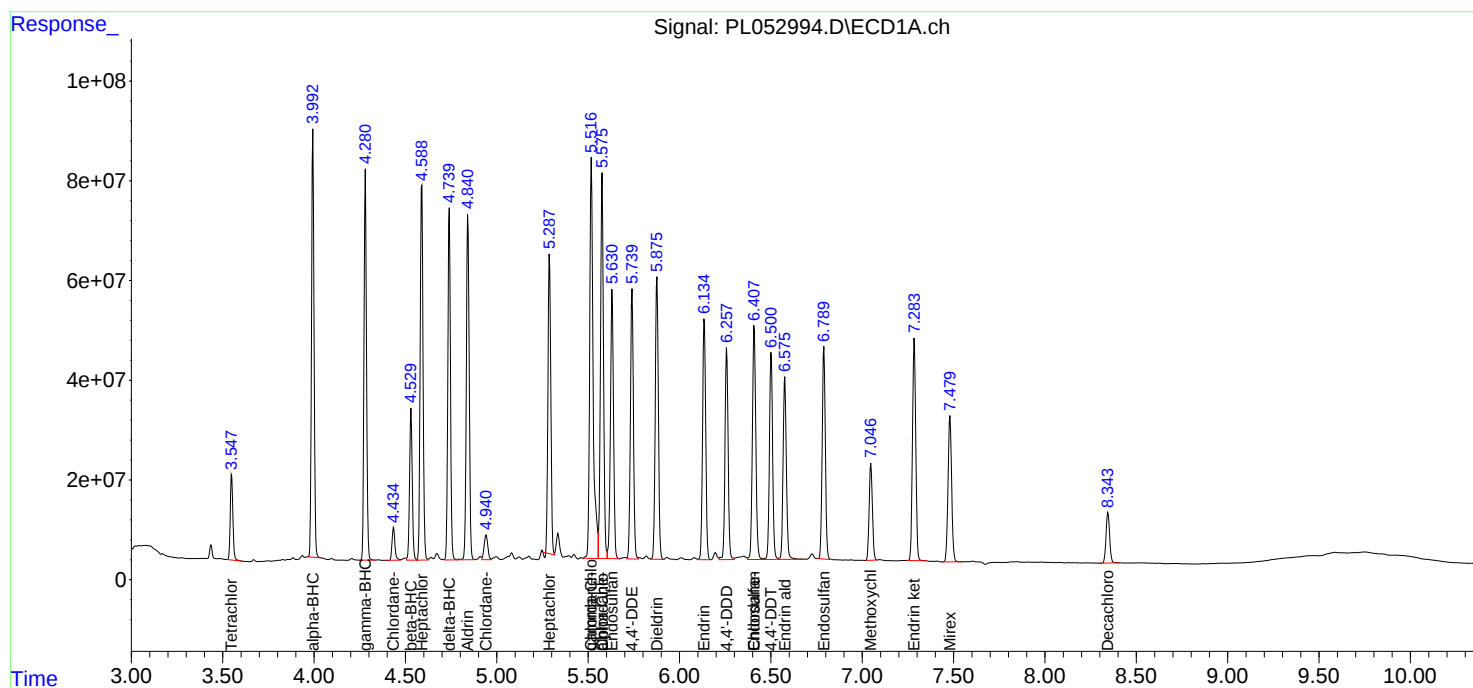
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

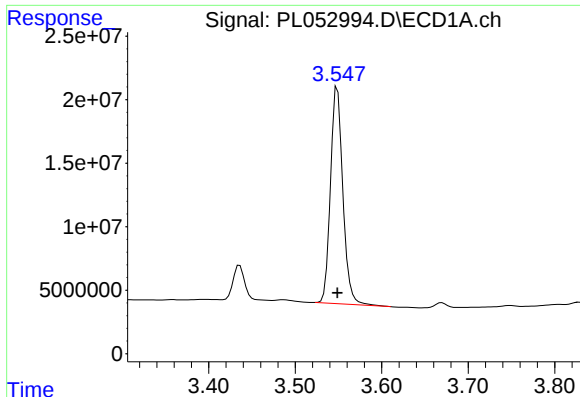
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100219\  
Data File : PL052994.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2019 15:59  
Operator : SG\AJ  
Sample : K5133-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 01:11:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 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

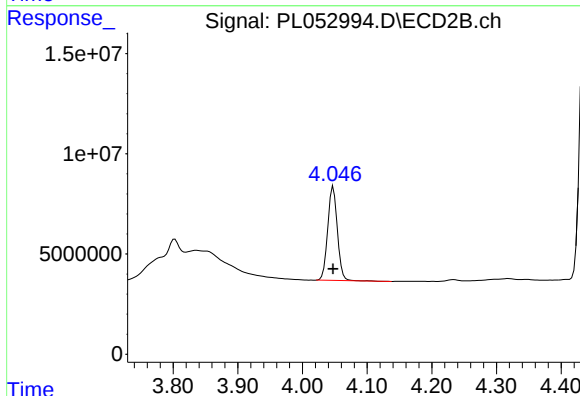




#1 Tetrachloro-m-xylene

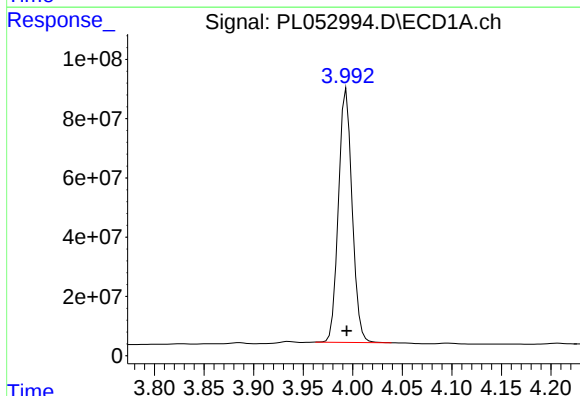
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 169549128  
Conc: 17.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



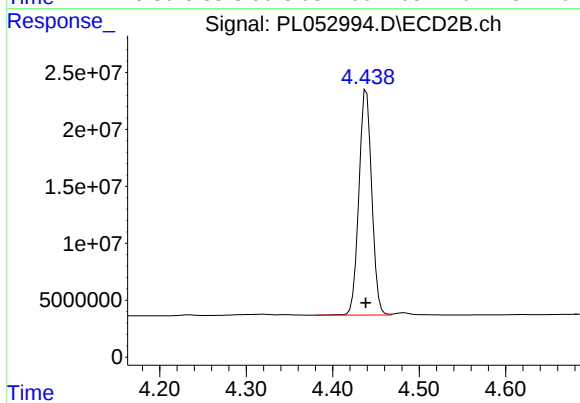
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 48294929  
Conc: 17.99 ng/ml



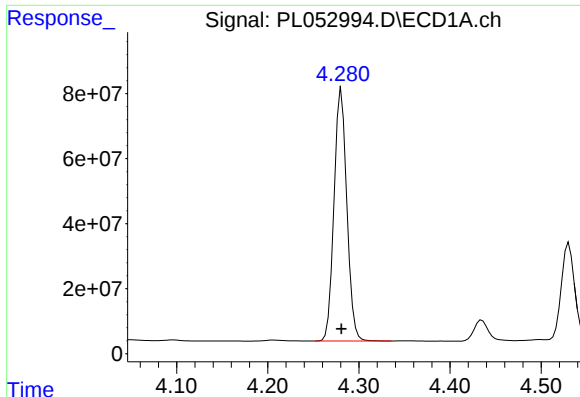
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 819747609  
Conc: 51.39 ng/ml



#2 alpha-BHC

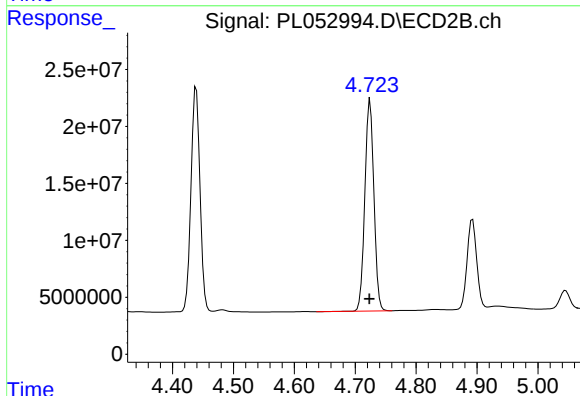
R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 204039592  
Conc: 53.13 ng/ml



#3 gamma-BHC (Lindane)

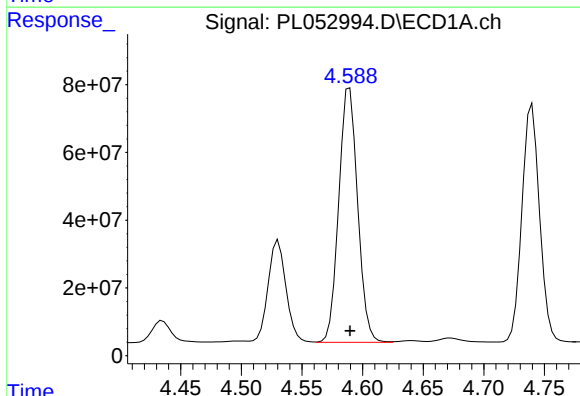
R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 756882473  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



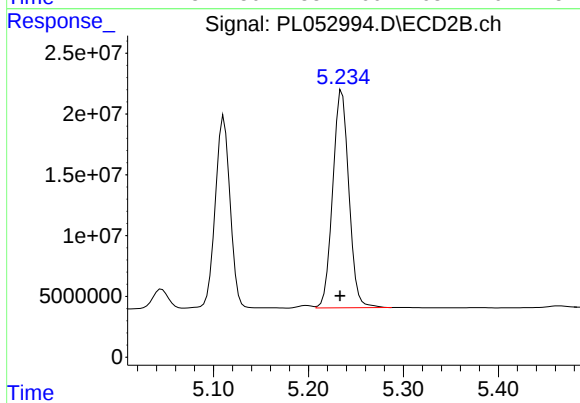
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: 0.001 min  
Response: 192032808  
Conc: 53.03 ng/ml



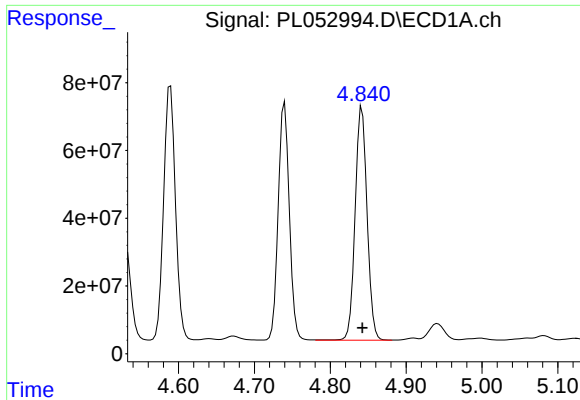
#4 Heptachlor

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 814431602  
Conc: 54.51 ng/ml



#4 Heptachlor

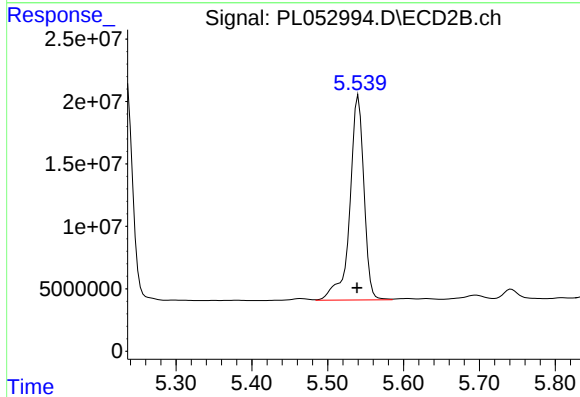
R.T.: 5.235 min  
Delta R.T.: 0.002 min  
Response: 211811194  
Conc: 55.58 ng/ml



#5 Aldrin

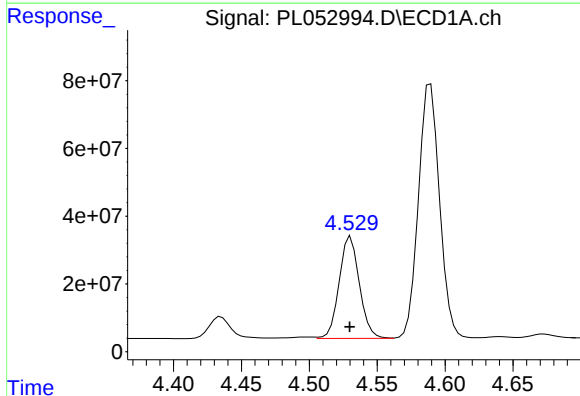
R.T.: 4.842 min  
Delta R.T.: 0.000 min  
Response: 753713670  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



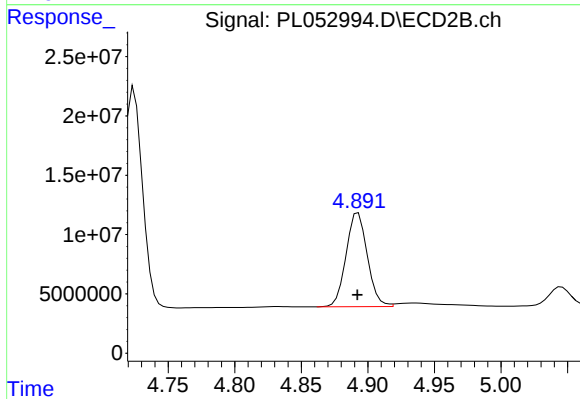
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.002 min  
Response: 212817587  
Conc: 61.41 ng/ml



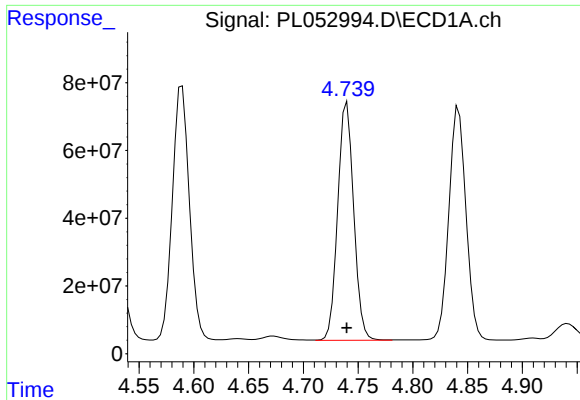
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 312351252  
Conc: 50.31 ng/ml



#6 beta-BHC

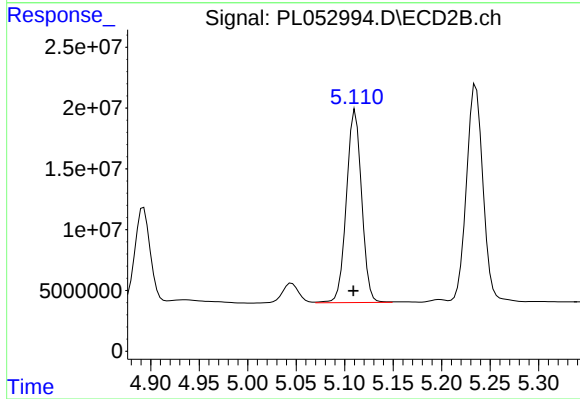
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 88148727  
Conc: 56.08 ng/ml



#7 delta-BHC

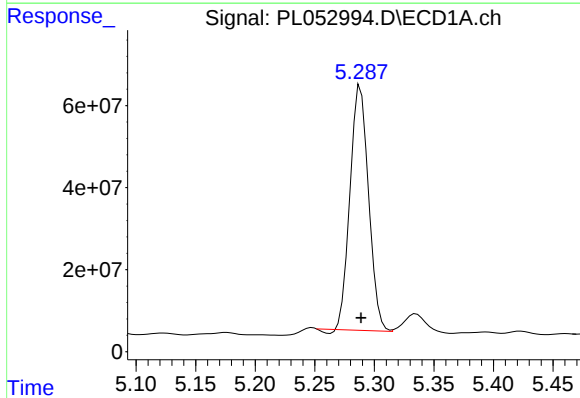
R.T.: 4.740 min  
Delta R.T.: 0.000 min  
Response: 713002545  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



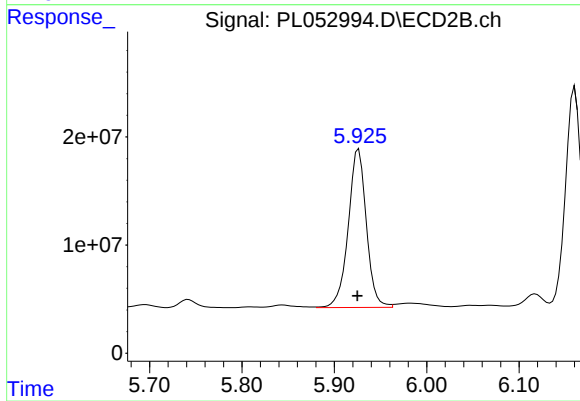
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.002 min  
Response: 172797469  
Conc: 47.74 ng/ml



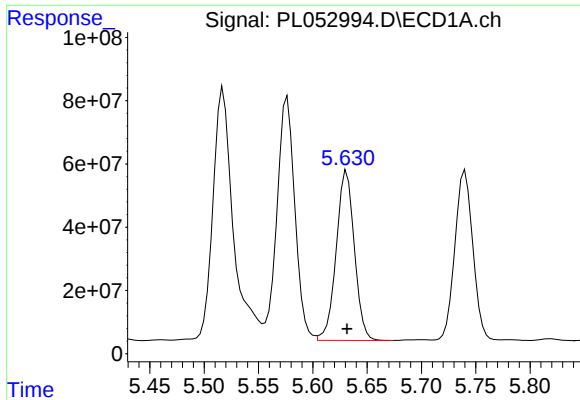
#8 Heptachlor epoxide

R.T.: 5.288 min  
Delta R.T.: 0.000 min  
Response: 645397452  
Conc: 49.53 ng/ml



#8 Heptachlor epoxide

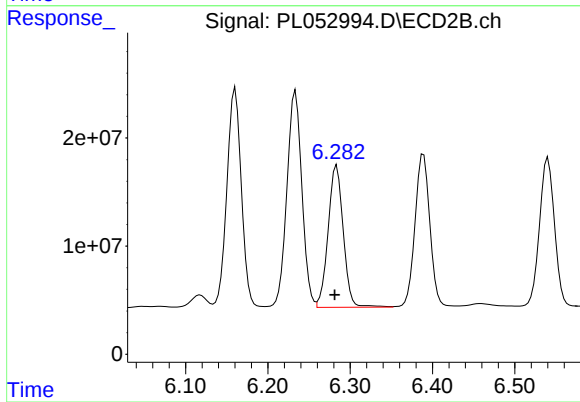
R.T.: 5.926 min  
Delta R.T.: 0.001 min  
Response: 199707706  
Conc: 59.59 ng/ml



#9 Endosulfan I

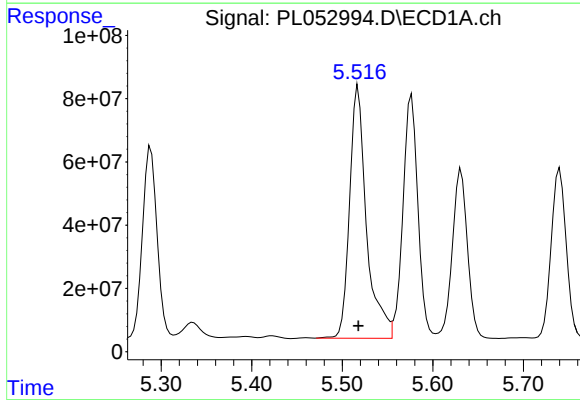
R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 624612893  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



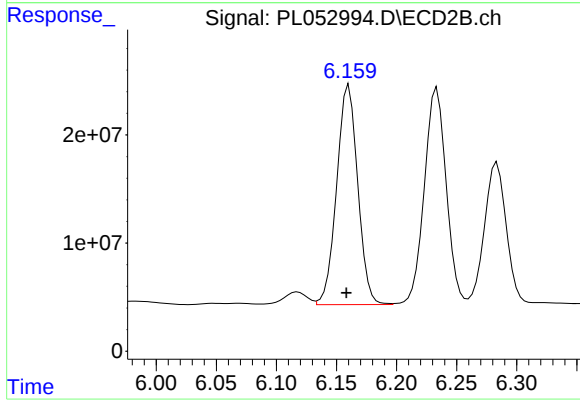
#9 Endosulfan I

R.T.: 6.284 min  
Delta R.T.: 0.002 min  
Response: 167695283  
Conc: 53.65 ng/ml



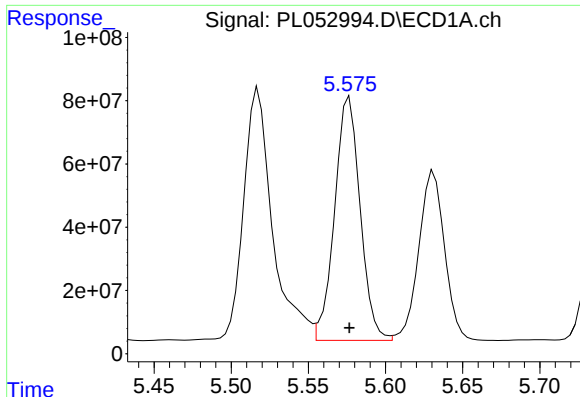
#10 gamma-Chlordane

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 1038129625  
Conc: 77.20 ng/ml



#10 gamma-Chlordane

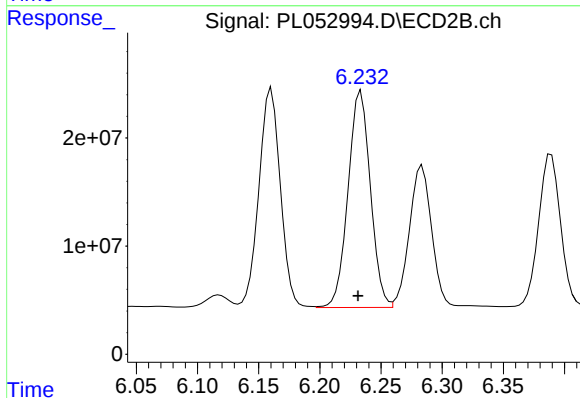
R.T.: 6.160 min  
Delta R.T.: 0.002 min  
Response: 248450435  
Conc: 73.44 ng/ml



#11 alpha-Chlordane

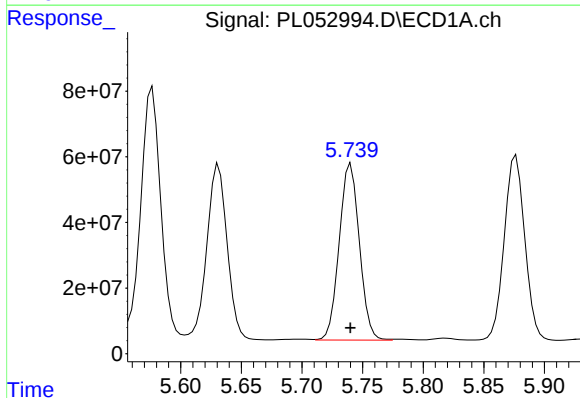
R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 886511177  
Conc: 67.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



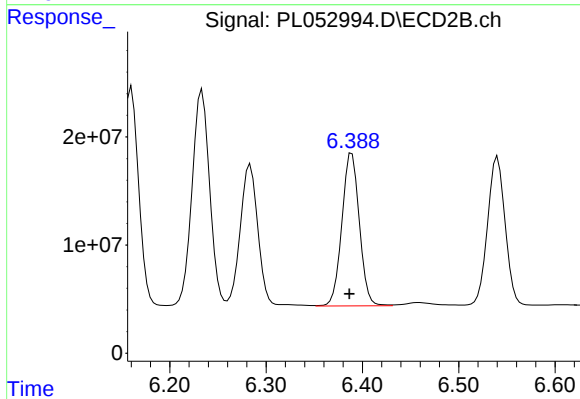
#11 alpha-Chlordane

R.T.: 6.234 min  
Delta R.T.: 0.002 min  
Response: 254437674  
Conc: 75.59 ng/ml



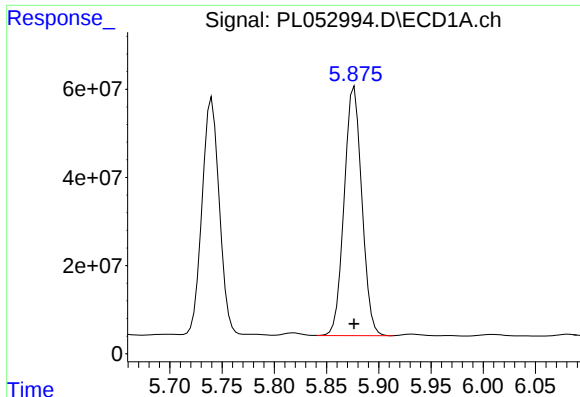
#12 4,4'-DDE

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 622073388  
Conc: 53.60 ng/ml



#12 4,4'-DDE

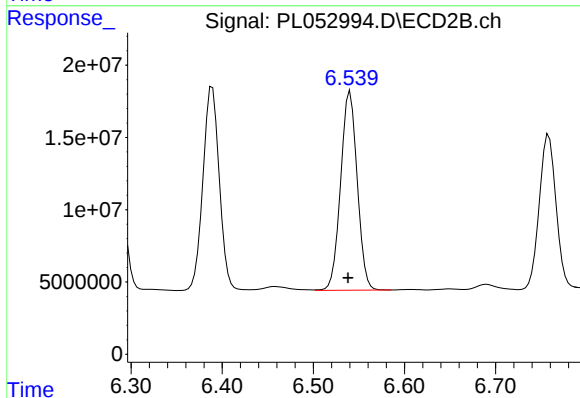
R.T.: 6.389 min  
Delta R.T.: 0.003 min  
Response: 177274187  
Conc: 54.28 ng/ml



#13 Dieldrin

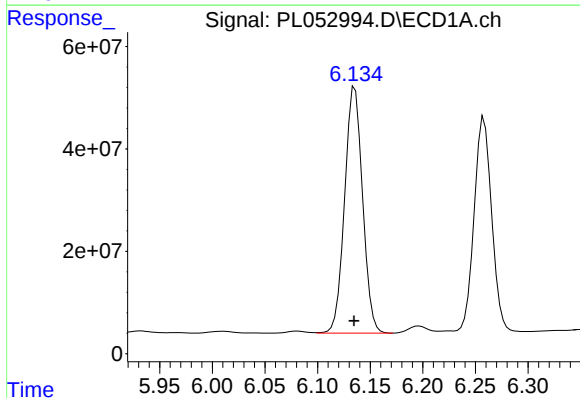
R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 664478327  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



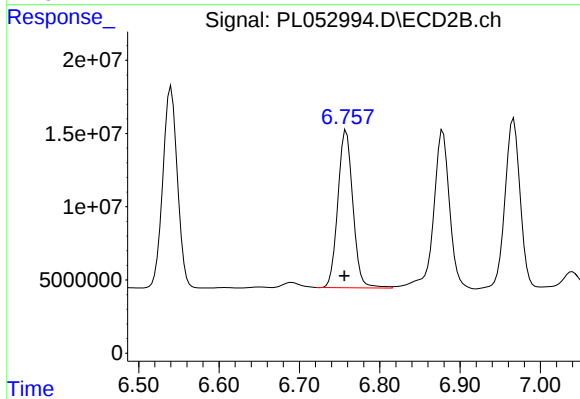
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 173875582  
Conc: 53.30 ng/ml



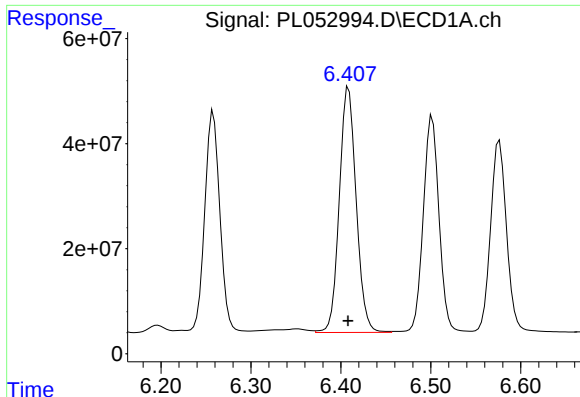
#14 Endrin

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 573598152  
Conc: 50.36 ng/ml



#14 Endrin

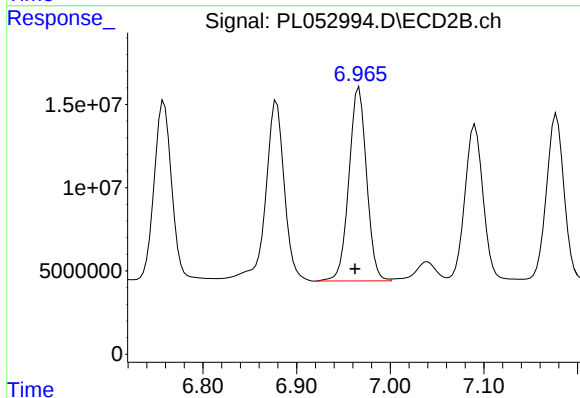
R.T.: 6.758 min  
Delta R.T.: 0.002 min  
Response: 139991355  
Conc: 50.41 ng/ml



#15 Endosulfan II

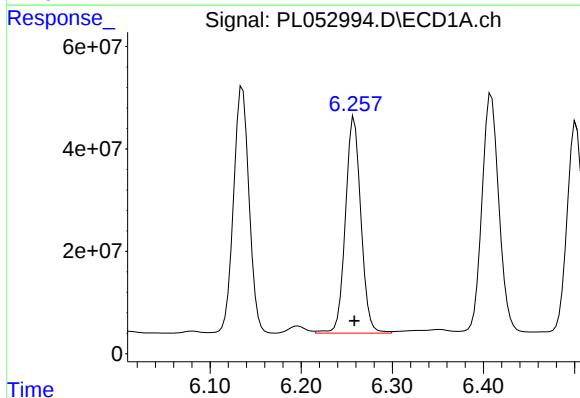
R.T.: 6.409 min  
Delta R.T.: 0.000 min  
Response: 609473620  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



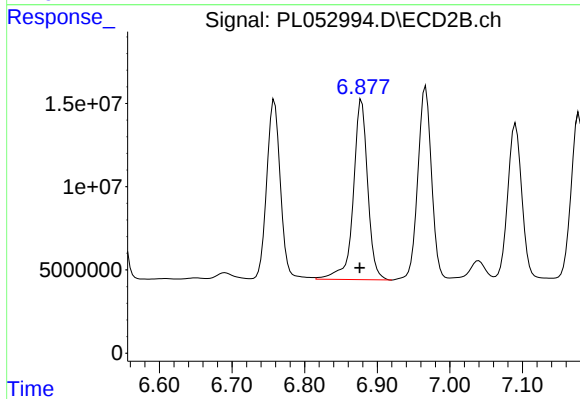
#15 Endosulfan II

R.T.: 6.967 min  
Delta R.T.: 0.004 min  
Response: 152514569  
Conc: 51.40 ng/ml



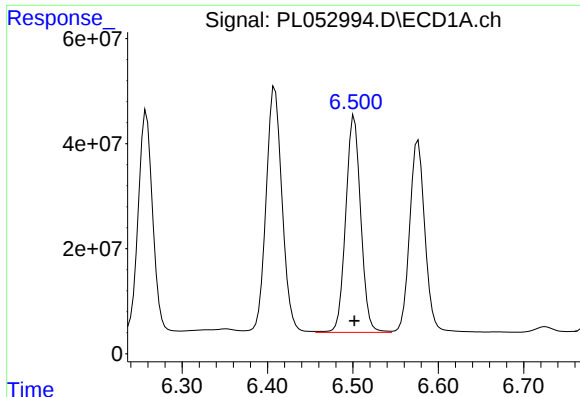
#16 4,4'-DDD

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 498250345  
Conc: 55.43 ng/ml



#16 4,4'-DDD

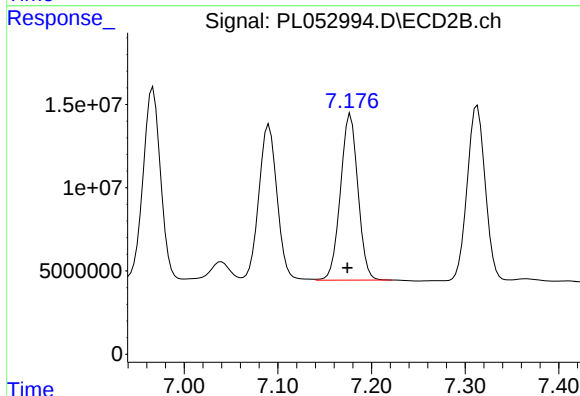
R.T.: 6.879 min  
Delta R.T.: 0.003 min  
Response: 149396989  
Conc: 60.91 ng/ml



#17 4,4'-DDT

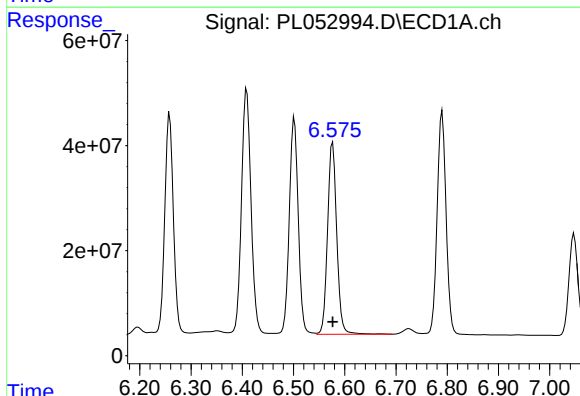
R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 504280440  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



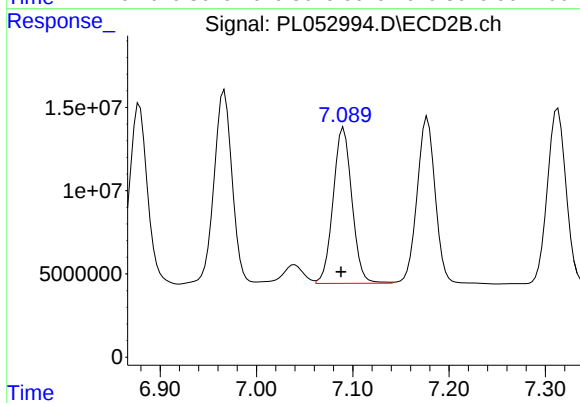
#17 4,4'-DDT

R.T.: 7.178 min  
Delta R.T.: 0.003 min  
Response: 129733336  
Conc: 49.85 ng/ml



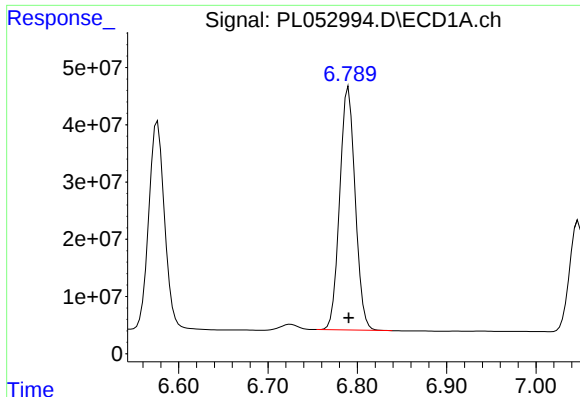
#18 Endrin aldehyde

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 456813618  
Conc: 48.64 ng/ml



#18 Endrin aldehyde

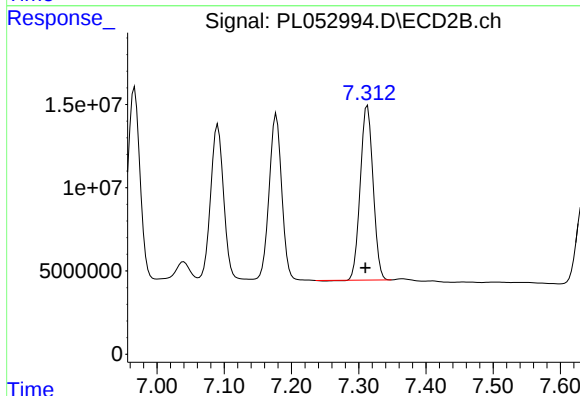
R.T.: 7.091 min  
Delta R.T.: 0.003 min  
Response: 126919619  
Conc: 51.75 ng/ml



#19 Endosulfan Sulfate

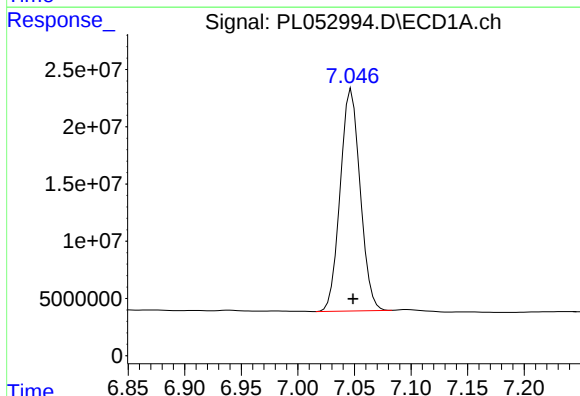
R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 510014856  
Conc: 49.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



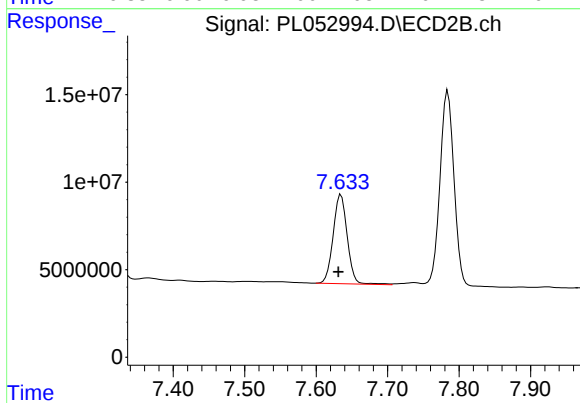
#19 Endosulfan Sulfate

R.T.: 7.313 min  
Delta R.T.: 0.003 min  
Response: 138712515  
Conc: 50.80 ng/ml



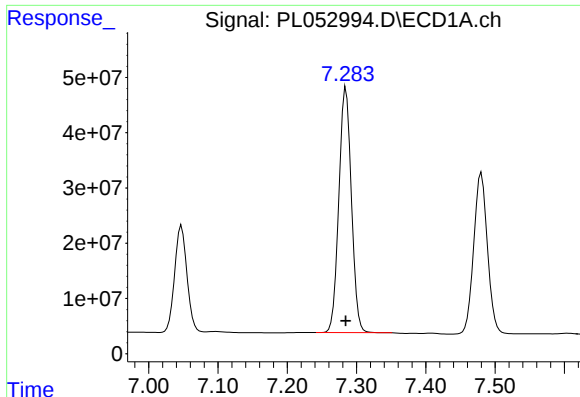
#20 Methoxychlor

R.T.: 7.047 min  
Delta R.T.: -0.001 min  
Response: 237852102  
Conc: 46.11 ng/ml



#20 Methoxychlor

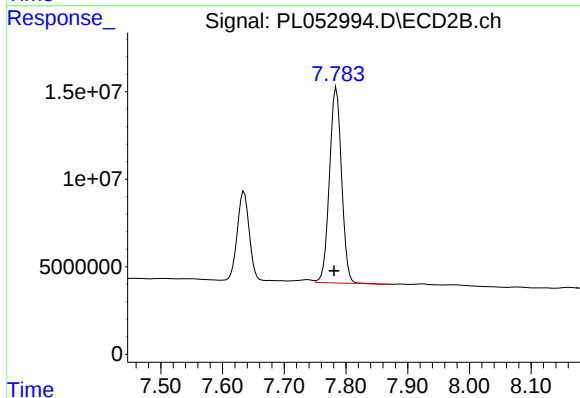
R.T.: 7.635 min  
Delta R.T.: 0.004 min  
Response: 70059276  
Conc: 49.76 ng/ml



#21 Endrin ketone

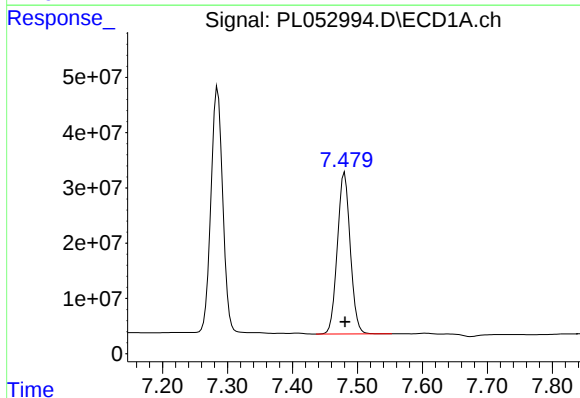
R.T.: 7.285 min  
Delta R.T.: 0.000 min  
Response: 556134603  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



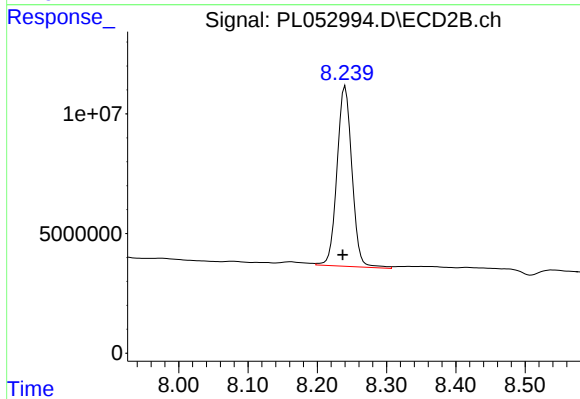
#21 Endrin ketone

R.T.: 7.784 min  
Delta R.T.: 0.003 min  
Response: 152367928  
Conc: 53.41 ng/ml



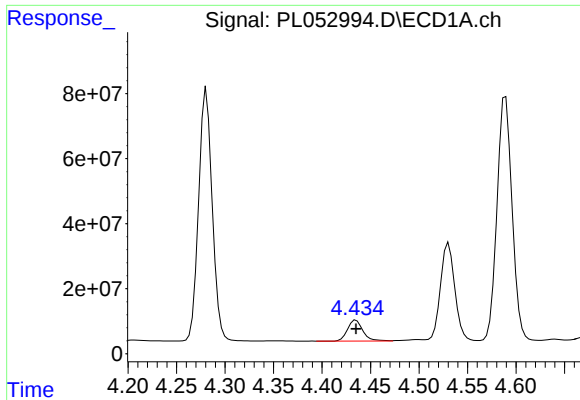
#22 Mirex

R.T.: 7.480 min  
Delta R.T.: 0.000 min  
Response: 402471768  
Conc: 42.62 ng/ml



#22 Mirex

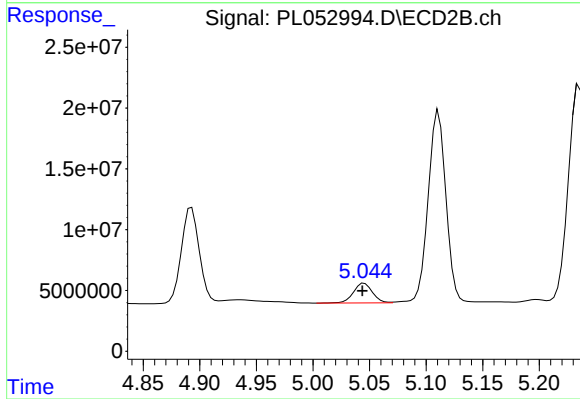
R.T.: 8.240 min  
Delta R.T.: 0.003 min  
Response: 112805659  
Conc: 50.15 ng/ml



#23 Chlordane-1

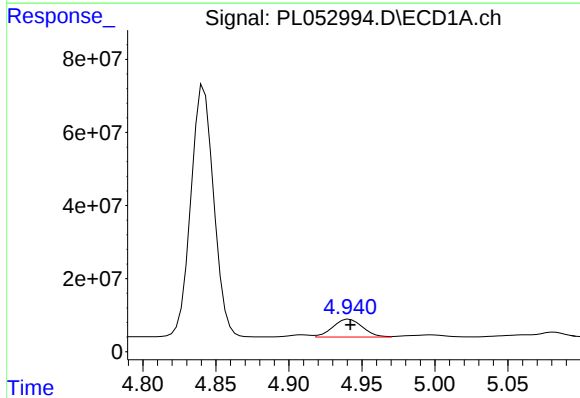
R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 70977348  
Conc: 204.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



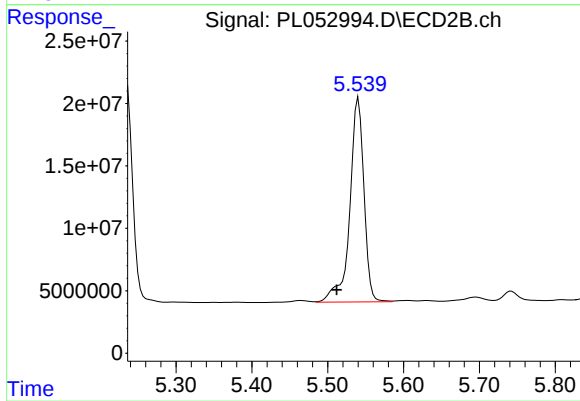
#23 Chlordane-1

R.T.: 5.045 min  
Delta R.T.: 0.002 min  
Response: 18844778  
Conc: 185.79 ng/ml



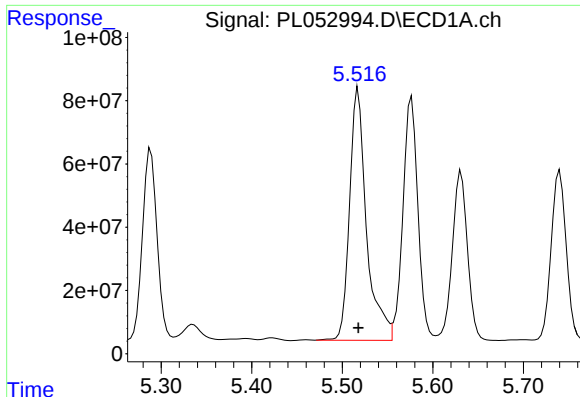
#24 Chlordane-2

R.T.: 4.941 min  
Delta R.T.: 0.000 min  
Response: 69063543  
Conc: 173.84 ng/ml



#24 Chlordane-2

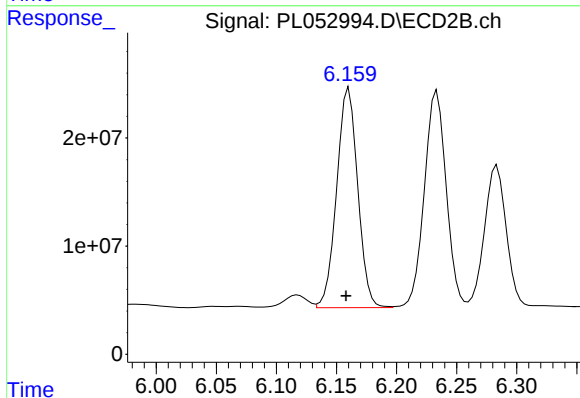
R.T.: 5.540 min  
Delta R.T.: 0.029 min  
Response: 212817587  
Conc: 1901.48 ng/ml



#25 Chlordane-3

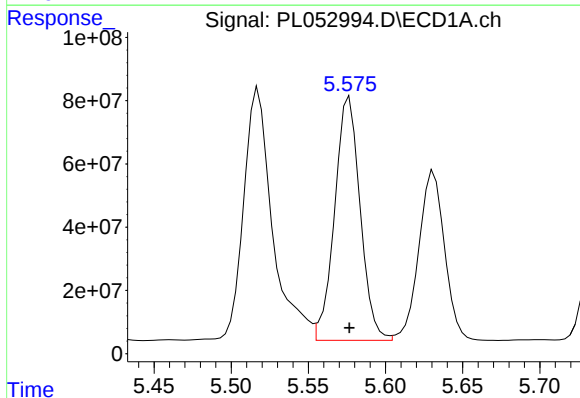
R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 1038129625  
Conc: 895.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



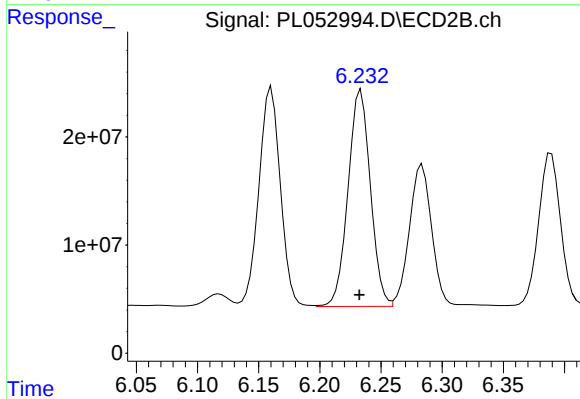
#25 Chlordane-3

R.T.: 6.160 min  
Delta R.T.: 0.002 min  
Response: 248450435  
Conc: 570.48 ng/ml



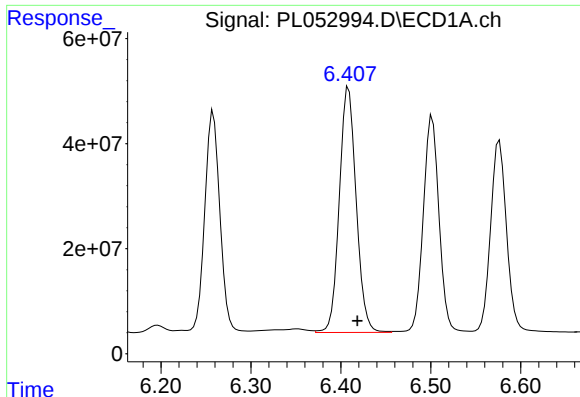
#26 Chlordane-4

R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 886511177  
Conc: 928.86 ng/ml



#26 Chlordane-4

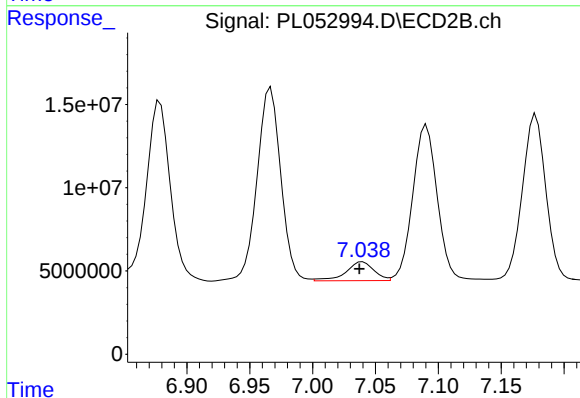
R.T.: 6.234 min  
Delta R.T.: 0.001 min  
Response: 254437674  
Conc: 479.17 ng/ml



#27 Chlordane-5

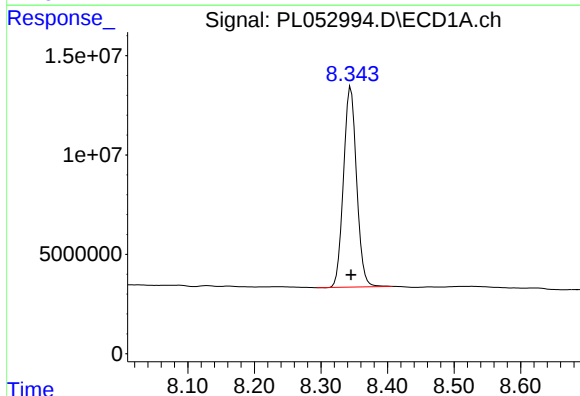
R.T.: 6.409 min  
Delta R.T.: -0.010 min  
Response: 609473620  
Conc: 1545.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



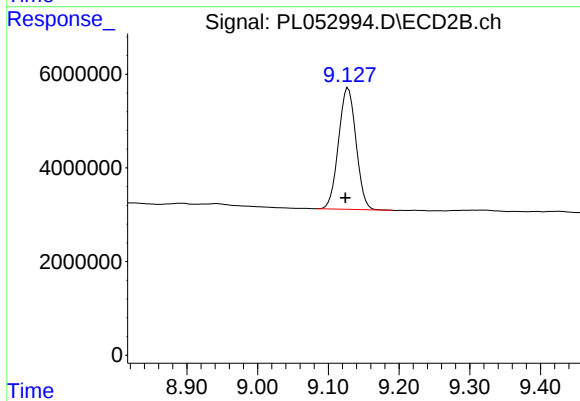
#27 Chlordane-5

R.T.: 7.040 min  
Delta R.T.: 0.003 min  
Response: 17564306  
Conc: 199.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.345 min  
Delta R.T.: 0.000 min  
Response: 137517105  
Conc: 13.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.128 min  
Delta R.T.: 0.004 min  
Response: 44627786  
Conc: 15.21 ng/ml