

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012220\  
 Data File : PL055990.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jan 2020 13:46  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 16:56:55 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 02:21:03 2020  
 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... | 3.493  | 3.962  | 442.3E6  | 132.8E6  | 46.147   | 46.972     |
| 28)                         | SA Decachlor... | 8.239  | 8.953  | 494.5E6  | 102.5E6  | 47.290   | 44.725     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.930  | 4.345  | 753.2E6  | 203.4E6  | 45.393   | 47.966     |
| 3)                          | MA gamma-BHC... | 4.214  | 4.625  | 719.9E6  | 189.7E6  | 47.455   | 47.820     |
| 4)                          | MA Heptachlor   | 4.515  | 5.124  | 690.6E6  | 156.7E6  | 46.247   | 46.347     |
| 5)                          | MB Aldrin       | 4.763  | 5.425  | 705.8E6  | 161.5E6  | 48.223   | 47.116     |
| 6)                          | B beta-BHC      | 4.463  | 4.794  | 292.0E6  | 82882184 | 45.504   | 52.228     |
| 7)                          | B delta-BHC     | 4.668  | 5.008  | 700.4E6  | 159.8E6  | 47.783   | 53.493     |
| 8)                          | B Heptachlo...  | 5.205  | 5.806  | 658.5E6  | 142.2E6  | 47.739   | 47.594     |
| 9)                          | A Endosulfan I  | 5.544  | 6.160  | 602.2E6  | 136.5E6  | 46.412   | 46.881     |
| 10)                         | B gamma-Chl...  | 5.432  | 6.038  | 672.1E6  | 144.9E6  | 47.907   | 46.996     |
| 11)                         | B alpha-Chl...  | 5.490  | 6.110  | 650.8E6  | 144.4E6  | 47.075   | 46.761     |
| 12)                         | B 4,4'-DDE      | 5.653  | 6.265  | 552.3E6  | 137.2E6  | 42.286   | 46.837     |
| 13)                         | MA Dieldrin     | 5.787  | 6.414  | 675.4E6  | 142.7E6  | 48.829   | 47.213     |
| 14)                         | MA Endrin       | 6.044  | 6.630  | 531.7E6  | 106.3E6  | 42.087   | 41.974     |
| 15)                         | B Endosulfa...  | 6.316  | 6.837  | 562.5E6  | 122.2E6  | 50.366   | 45.568     |
| 16)                         | A 4,4'-DDD      | 6.167  | 6.750  | 524.0E6  | 113.6E6  | 52.625   | 49.258     |
| 17)                         | MA 4,4'-DDT     | 6.408  | 7.046  | 466.3E6  | 97064680 | 46.077   | 42.991     |
| 18)                         | B Endrin al...  | 6.484  | 6.960  | 494.8E6  | 105.5E6  | 47.609   | 46.740     |
| 19)                         | B Endosulfa...  | 6.696  | 7.181  | 535.0E6  | 114.0E6  | 49.466   | 46.050     |
| 20)                         | A Methoxychlor  | 6.951  | 7.501  | 241.8E6  | 51557963 | 46.332   | 43.210     |
| 21)                         | B Endrin ke...  | 7.186  | 7.648  | 646.2E6  | 129.1E6  | 51.327   | 48.894     |
| 22)                         | Mirex           | 7.376  | 8.097  | 394.7E6  | 84254424 | 56.192   | 46.175     |
| 24)                         | Chlordane-2     | 4.885f | 5.425f | 35073955 | 161.5E6  | 81.050   | 1464.984 # |
| 25)                         | Chlordane-3     | 5.432  | 6.038  | 672.1E6  | 144.9E6  | 539.715  | 365.125 #  |
| 26)                         | Chlordane-4     | 5.490  | 6.110  | 650.8E6  | 144.4E6  | 631.129  | 307.561 #  |
| 27)                         | Chlordane-5     | 6.316  | 0.000  | 562.5E6  | 0        | 1438.087 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

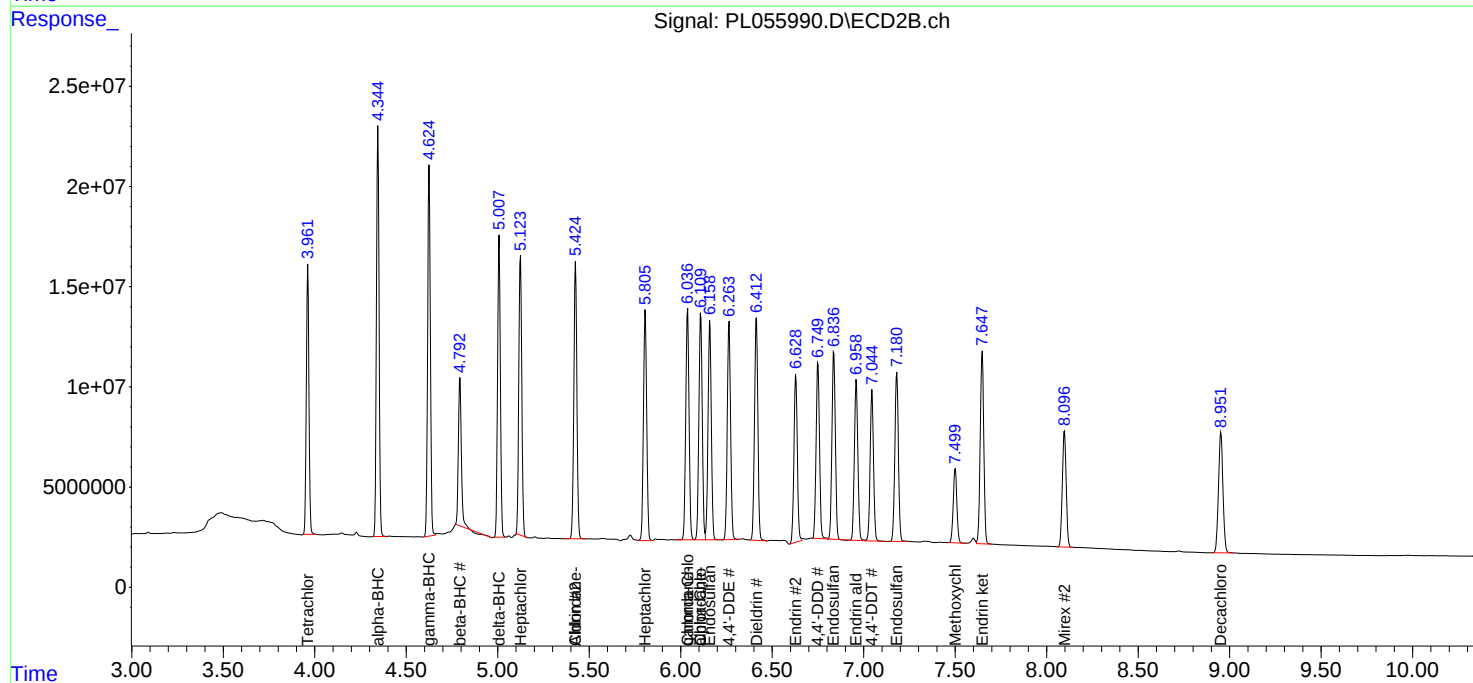
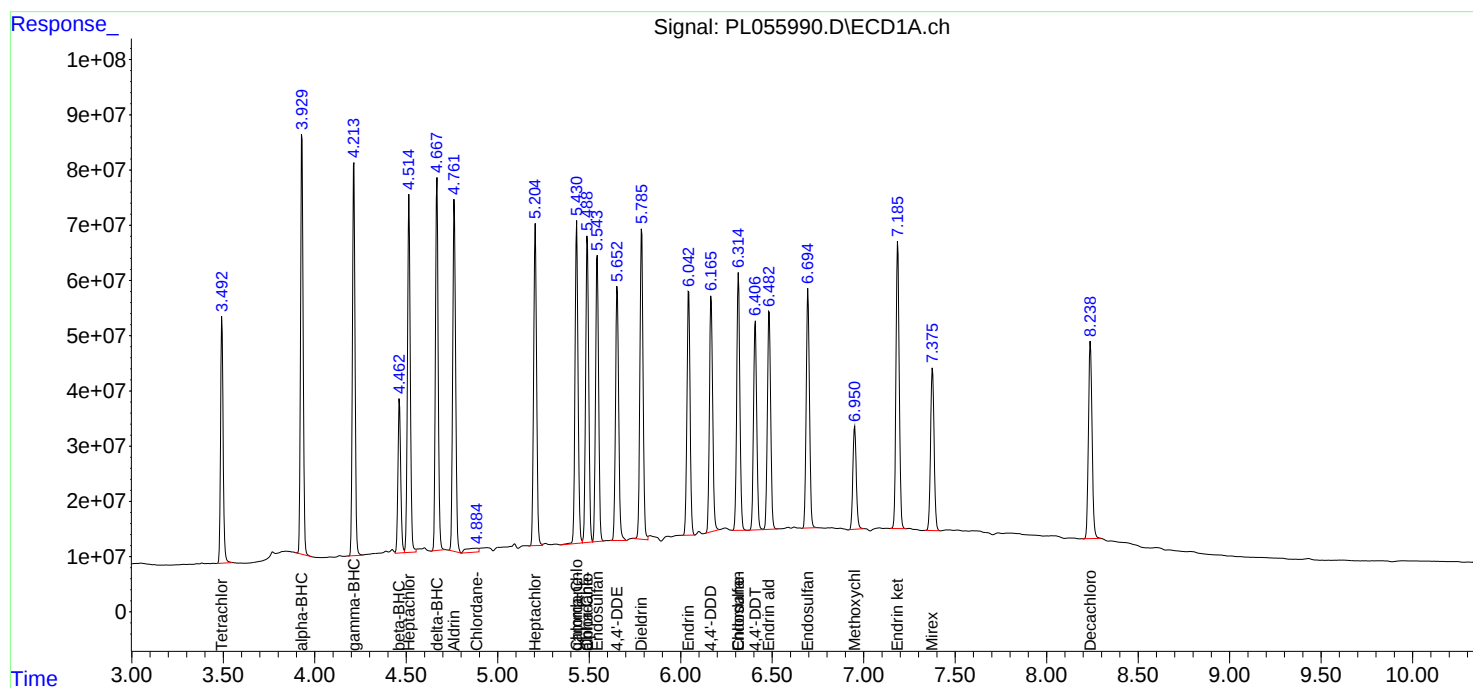
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

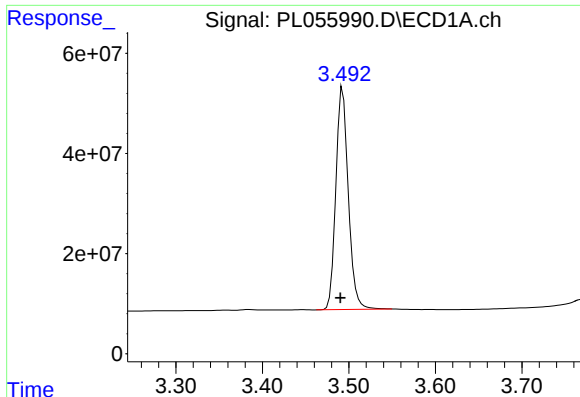
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012220\  
Data File : PL055990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jan 2020 13:46  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 22 16:56:55 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 02:21:03 2020  
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

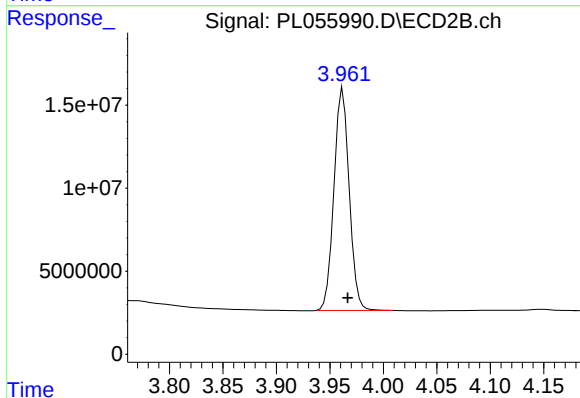




#1 Tetrachloro-m-xylene

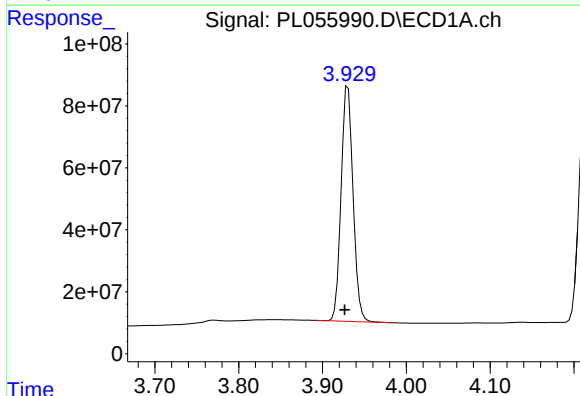
R.T.: 3.493 min  
Delta R.T.: 0.003 min  
Response: 442292317  
Conc: 46.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



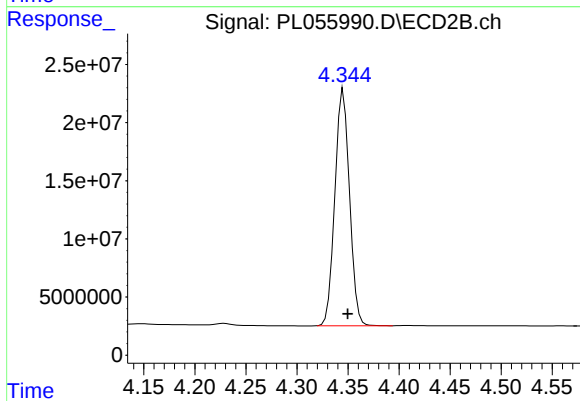
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: -0.005 min  
Response: 132754513  
Conc: 46.97 ng/ml



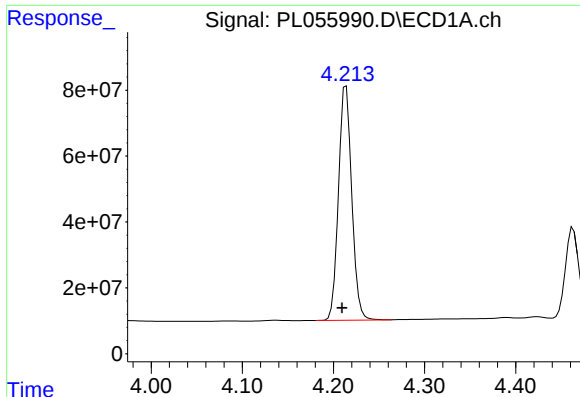
#2 alpha-BHC

R.T.: 3.930 min  
Delta R.T.: 0.004 min  
Response: 753218722  
Conc: 45.39 ng/ml



#2 alpha-BHC

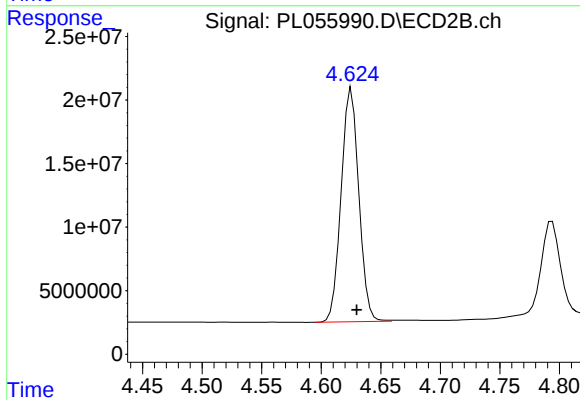
R.T.: 4.345 min  
Delta R.T.: -0.004 min  
Response: 203413936  
Conc: 47.97 ng/ml



#3 gamma-BHC (Lindane)

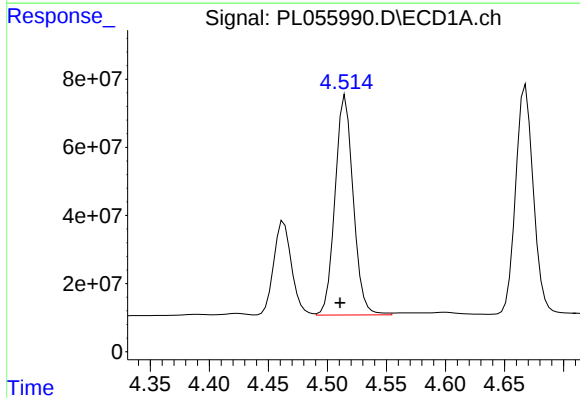
R.T.: 4.214 min  
Delta R.T.: 0.004 min  
Response: 719939814  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



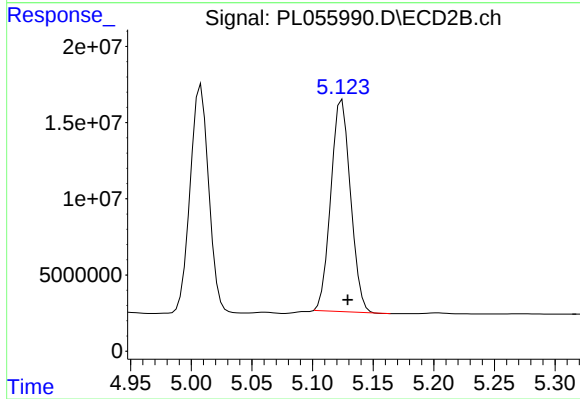
#3 gamma-BHC (Lindane)

R.T.: 4.625 min  
Delta R.T.: -0.004 min  
Response: 189694389  
Conc: 47.82 ng/ml



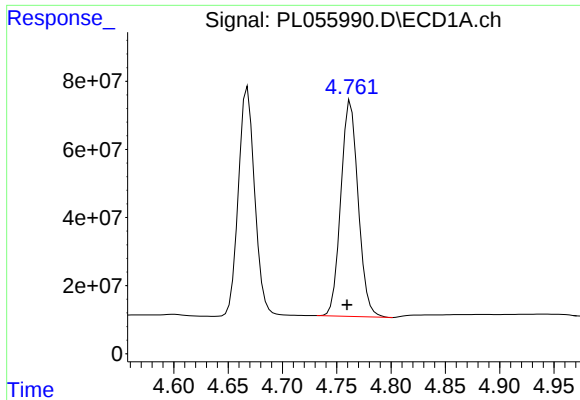
#4 Heptachlor

R.T.: 4.515 min  
Delta R.T.: 0.005 min  
Response: 690575486  
Conc: 46.25 ng/ml



#4 Heptachlor

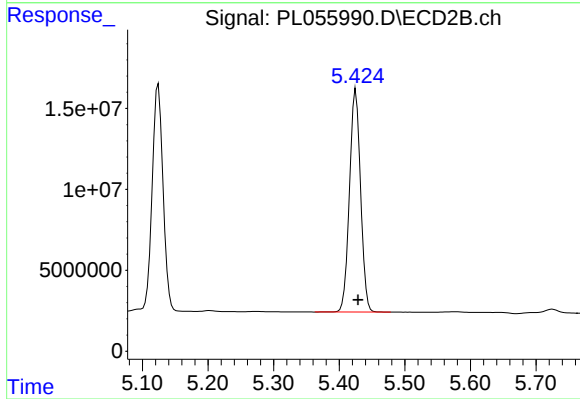
R.T.: 5.124 min  
Delta R.T.: -0.005 min  
Response: 156715817  
Conc: 46.35 ng/ml



#5 Aldrin

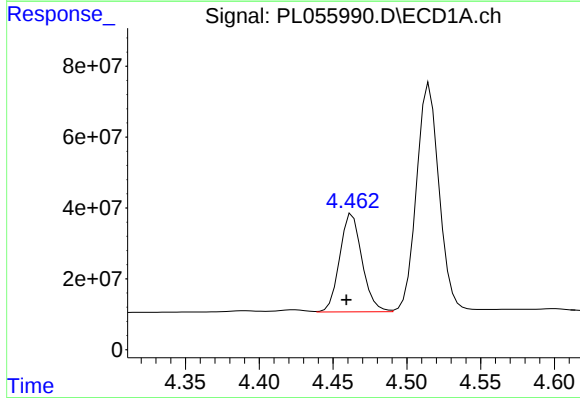
R.T.: 4.763 min  
Delta R.T.: 0.003 min  
Response: 705780740  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



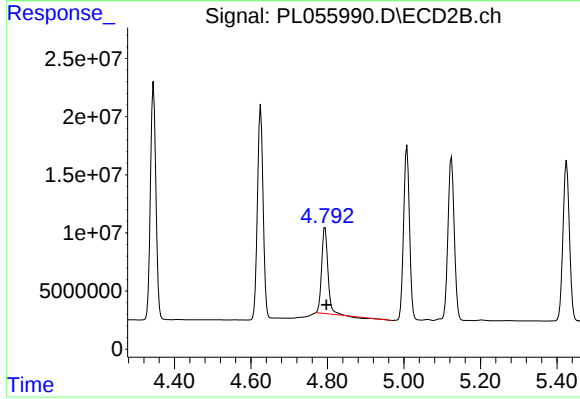
#5 Aldrin

R.T.: 5.425 min  
Delta R.T.: -0.004 min  
Response: 161509248  
Conc: 47.12 ng/ml



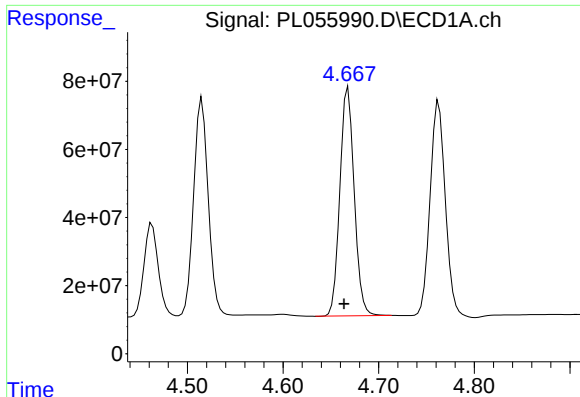
#6 beta-BHC

R.T.: 4.463 min  
Delta R.T.: 0.004 min  
Response: 292016892  
Conc: 45.50 ng/ml



#6 beta-BHC

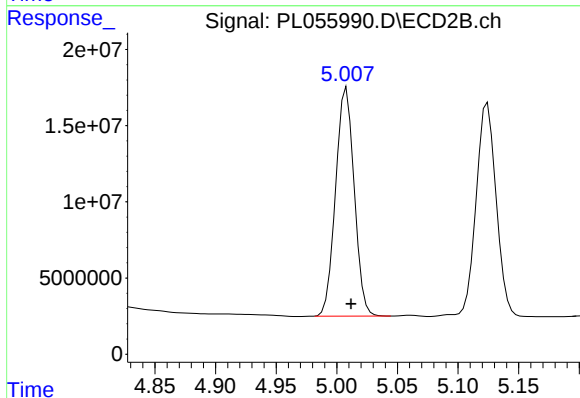
R.T.: 4.794 min  
Delta R.T.: -0.004 min  
Response: 82882184  
Conc: 52.23 ng/ml



#7 delta-BHC

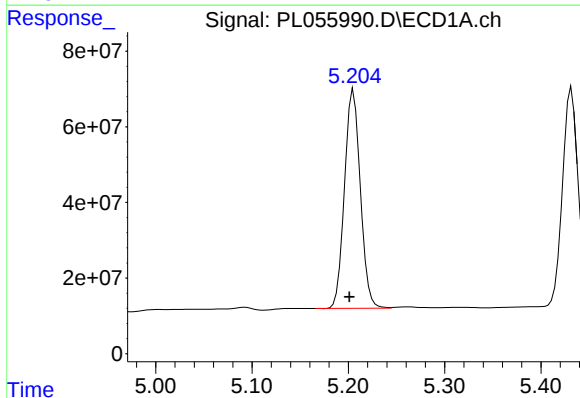
R.T.: 4.668 min  
Delta R.T.: 0.004 min  
Response: 700357853  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



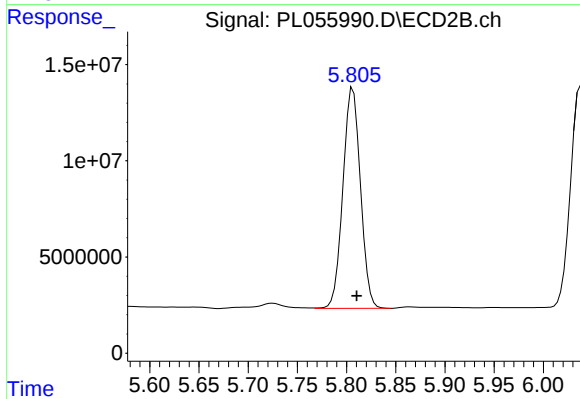
#7 delta-BHC

R.T.: 5.008 min  
Delta R.T.: -0.004 min  
Response: 159828783  
Conc: 53.49 ng/ml



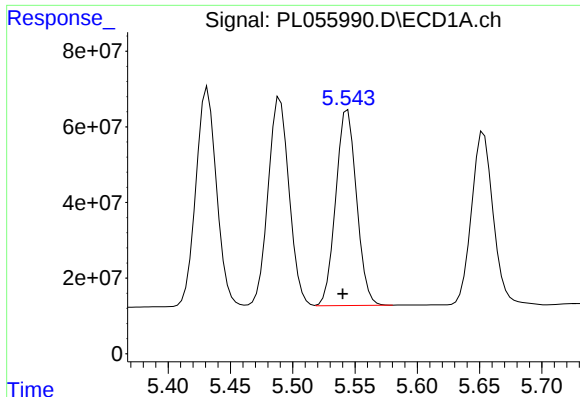
#8 Heptachlor epoxide

R.T.: 5.205 min  
Delta R.T.: 0.004 min  
Response: 658501897  
Conc: 47.74 ng/ml



#8 Heptachlor epoxide

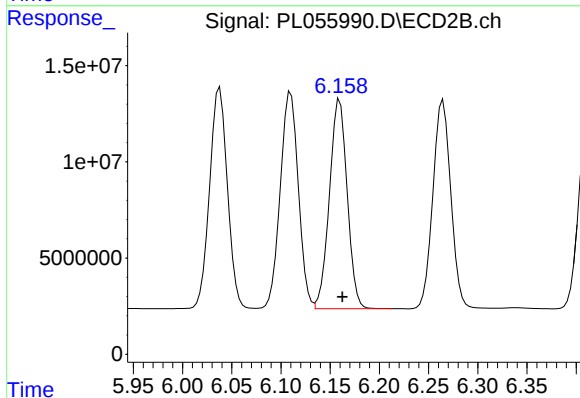
R.T.: 5.806 min  
Delta R.T.: -0.004 min  
Response: 142214221  
Conc: 47.59 ng/ml



#9 Endosulfan I

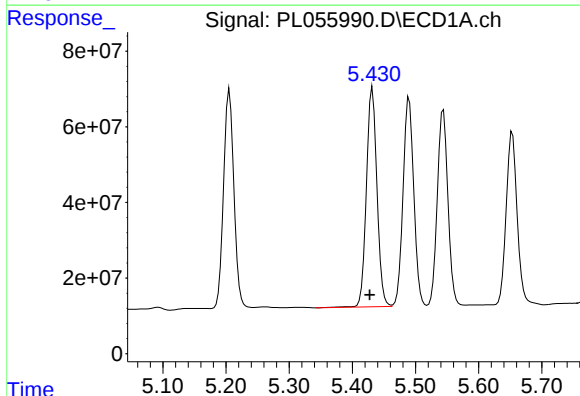
R.T.: 5.544 min  
Delta R.T.: 0.004 min  
Response: 602187757  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



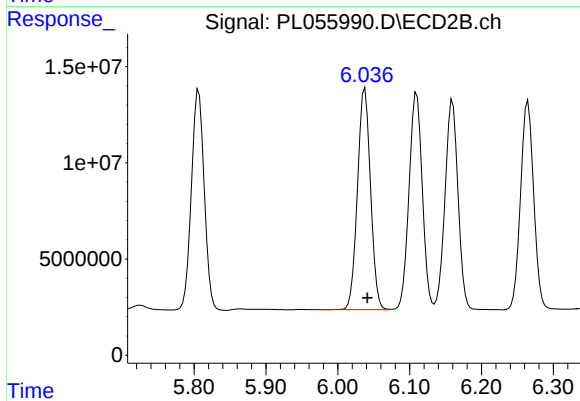
#9 Endosulfan I

R.T.: 6.160 min  
Delta R.T.: -0.003 min  
Response: 136505782  
Conc: 46.88 ng/ml



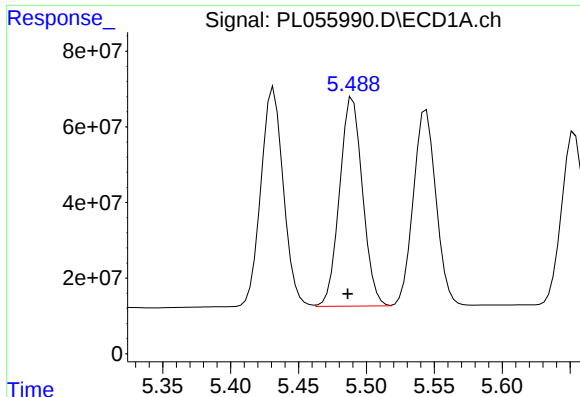
#10 gamma-Chlordane

R.T.: 5.432 min  
Delta R.T.: 0.004 min  
Response: 672101970  
Conc: 47.91 ng/ml



#10 gamma-Chlordane

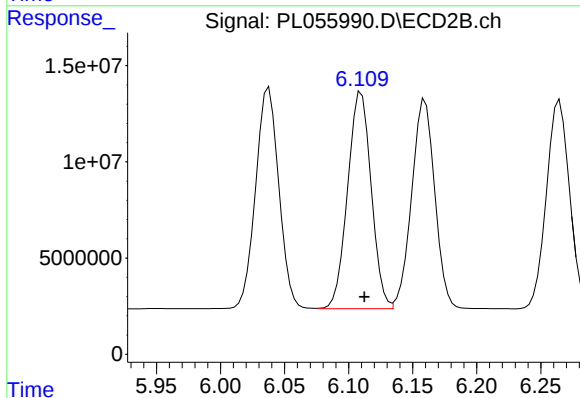
R.T.: 6.038 min  
Delta R.T.: -0.003 min  
Response: 144924271  
Conc: 47.00 ng/ml



#11 alpha-Chlordane

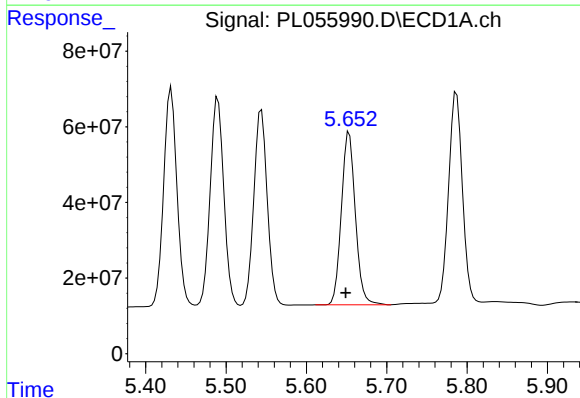
R.T.: 5.490 min  
Delta R.T.: 0.004 min  
Response: 650787455  
Conc: 47.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



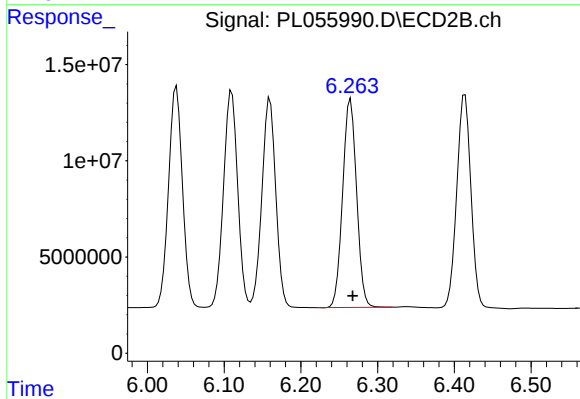
#11 alpha-Chlordane

R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 144376610  
Conc: 46.76 ng/ml



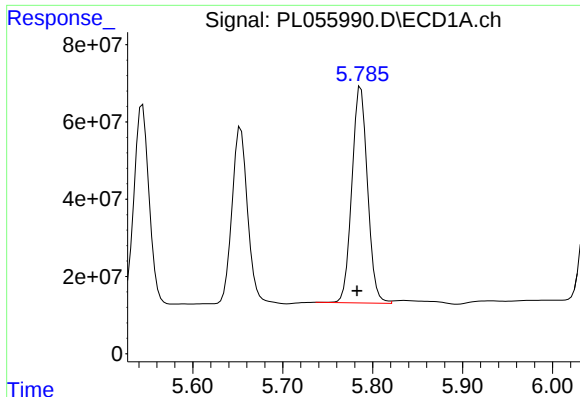
#12 4,4'-DDE

R.T.: 5.653 min  
Delta R.T.: 0.004 min  
Response: 552311952  
Conc: 42.29 ng/ml



#12 4,4'-DDE

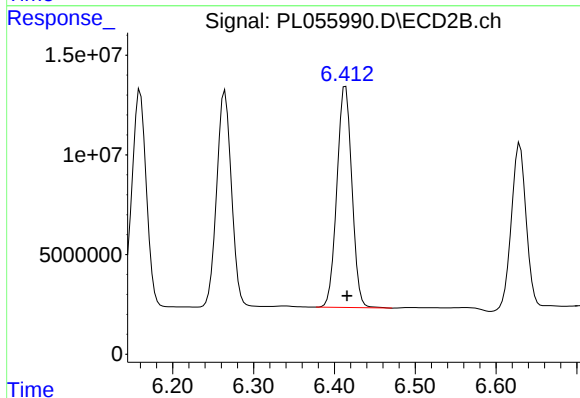
R.T.: 6.265 min  
Delta R.T.: -0.003 min  
Response: 137164133  
Conc: 46.84 ng/ml



#13 Dieldrin

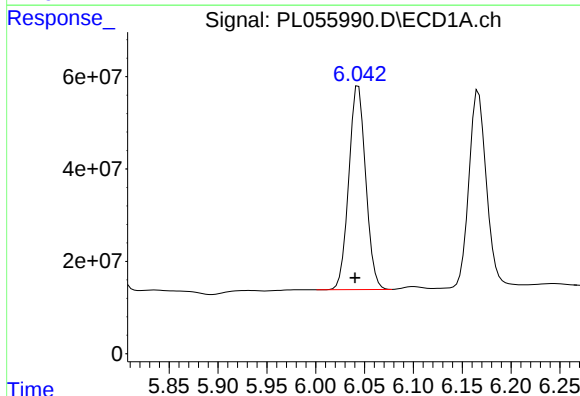
R.T.: 5.787 min  
Delta R.T.: 0.004 min  
Response: 675412516  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



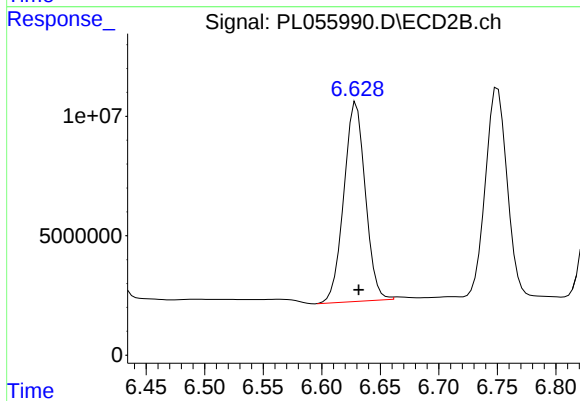
#13 Dieldrin

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 142685202  
Conc: 47.21 ng/ml



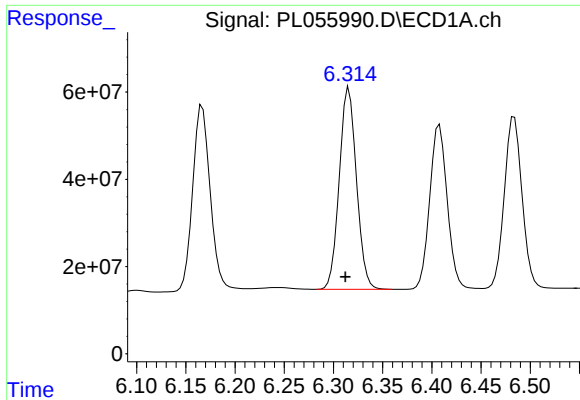
#14 Endrin

R.T.: 6.044 min  
Delta R.T.: 0.003 min  
Response: 531706822  
Conc: 42.09 ng/ml



#14 Endrin

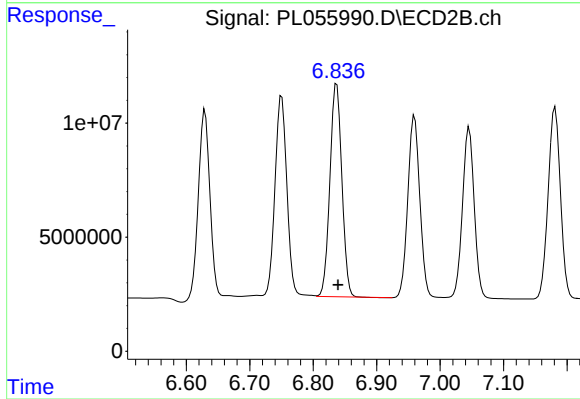
R.T.: 6.630 min  
Delta R.T.: -0.002 min  
Response: 106349824  
Conc: 41.97 ng/ml



#15 Endosulfan II

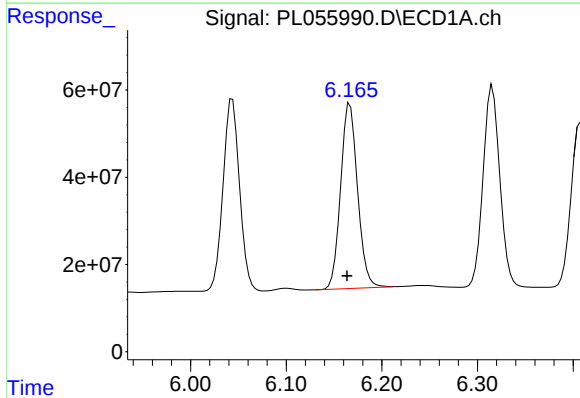
R.T.: 6.316 min  
Delta R.T.: 0.003 min  
Response: 562457871  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



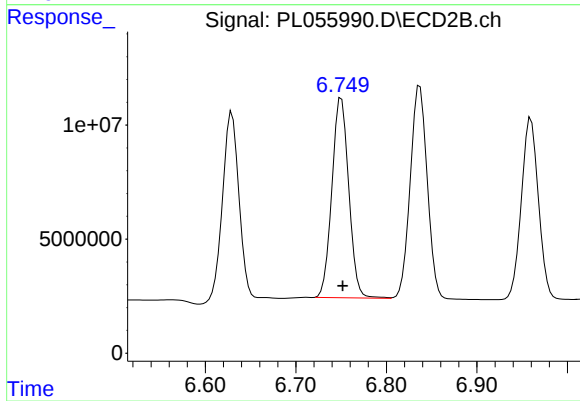
#15 Endosulfan II

R.T.: 6.837 min  
Delta R.T.: -0.002 min  
Response: 122204935  
Conc: 45.57 ng/ml



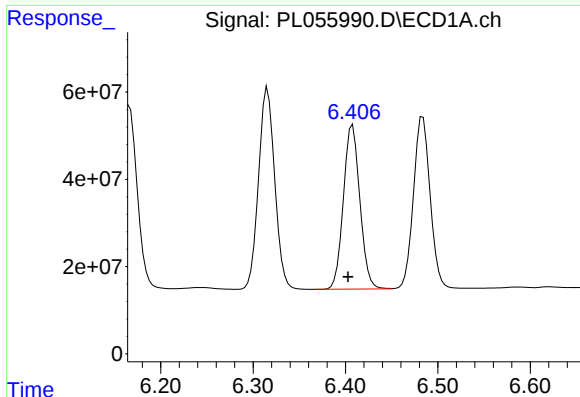
#16 4,4'-DDD

R.T.: 6.167 min  
Delta R.T.: 0.003 min  
Response: 524009256  
Conc: 52.62 ng/ml



#16 4,4'-DDD

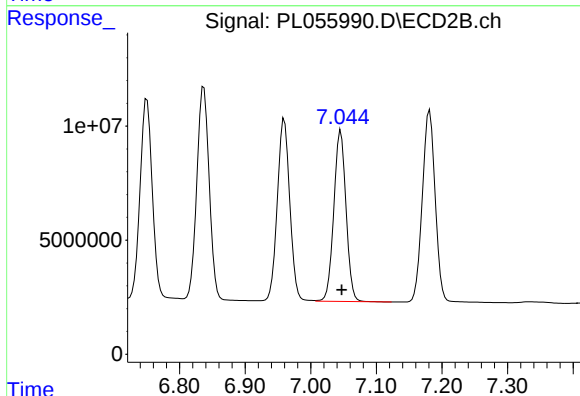
R.T.: 6.750 min  
Delta R.T.: -0.001 min  
Response: 113556914  
Conc: 49.26 ng/ml



#17 4,4'-DDT

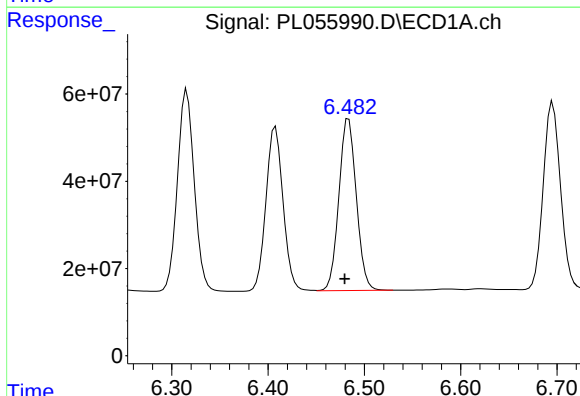
R.T.: 6.408 min  
Delta R.T.: 0.005 min  
Response: 466345105  
Conc: 46.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



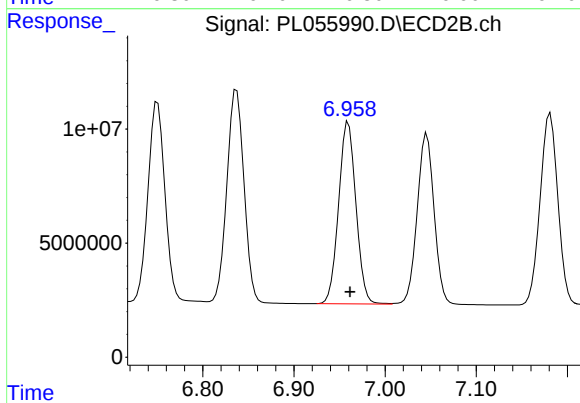
#17 4,4'-DDT

R.T.: 7.046 min  
Delta R.T.: -0.002 min  
Response: 97064680  
Conc: 42.99 ng/ml



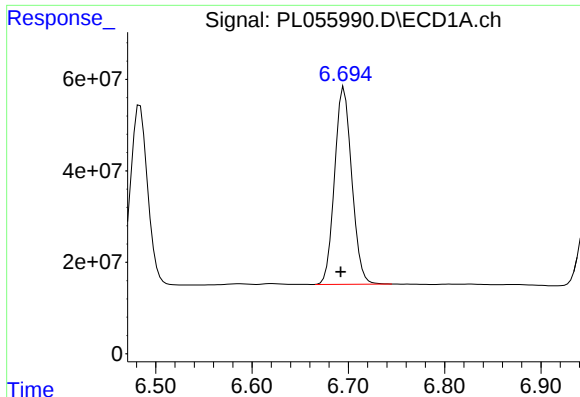
#18 Endrin aldehyde

R.T.: 6.484 min  
Delta R.T.: 0.004 min  
Response: 494784614  
Conc: 47.61 ng/ml



#18 Endrin aldehyde

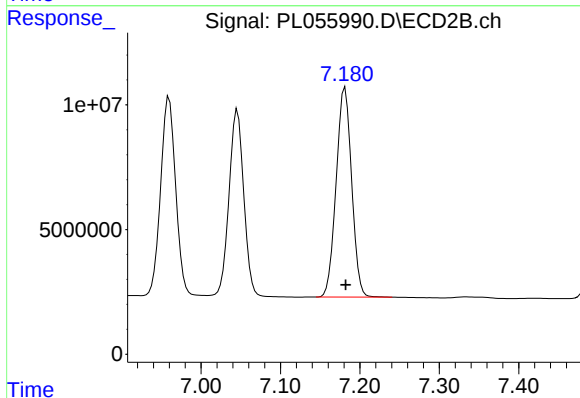
R.T.: 6.960 min  
Delta R.T.: -0.002 min  
Response: 105514612  
Conc: 46.74 ng/ml



#19 Endosulfan Sulfate

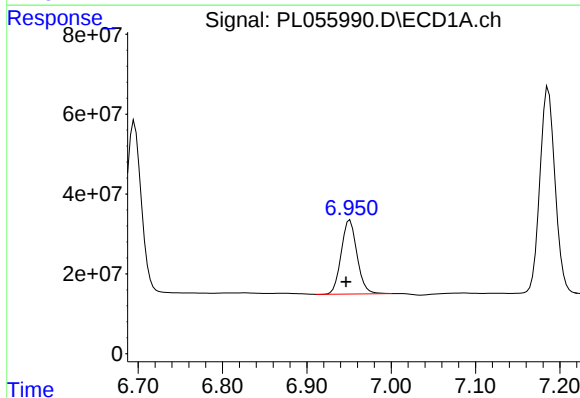
R.T.: 6.696 min  
Delta R.T.: 0.004 min  
Response: 534964604  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



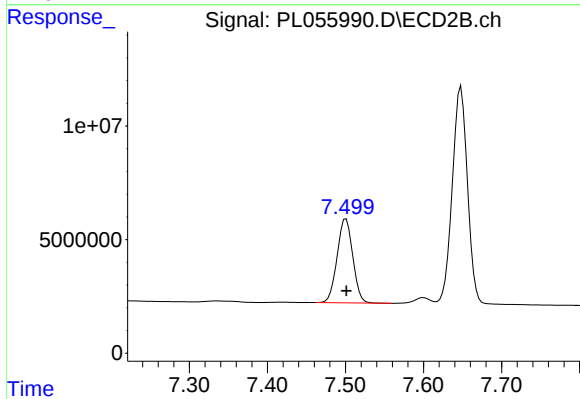
#19 Endosulfan Sulfate

R.T.: 7.181 min  
Delta R.T.: -0.001 min  
Response: 114001498  
Conc: 46.05 ng/ml



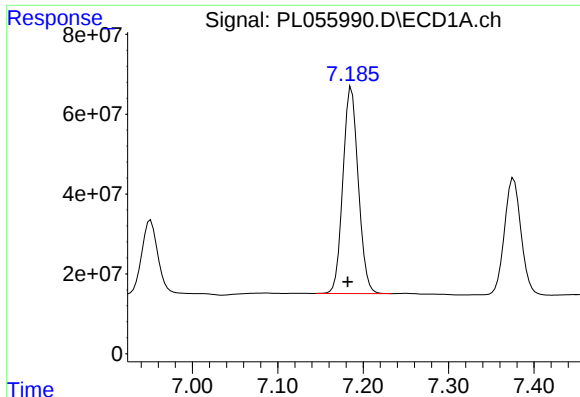
#20 Methoxychlor

R.T.: 6.951 min  
Delta R.T.: 0.005 min  
Response: 241782184  
Conc: 46.33 ng/ml



#20 Methoxychlor

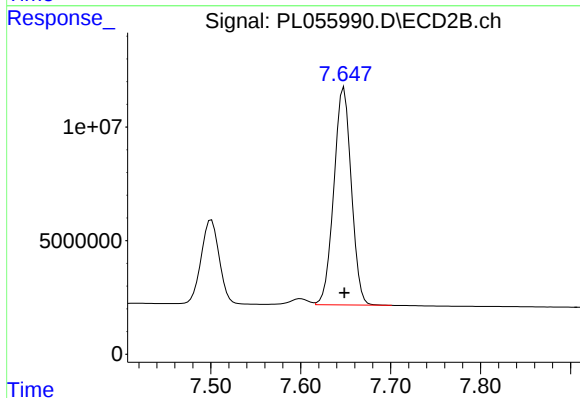
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 51557963  
Conc: 43.21 ng/ml



#21 Endrin ketone

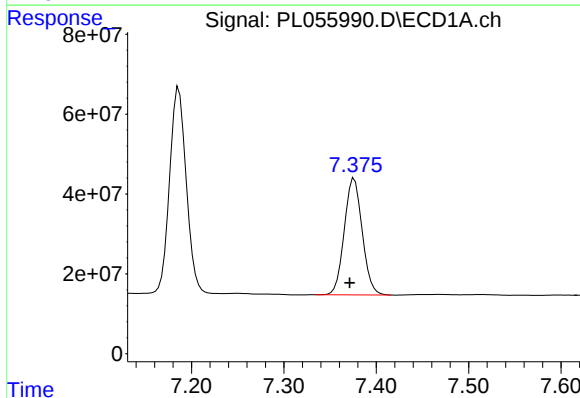
R.T.: 7.186 min  
Delta R.T.: 0.005 min  
Response: 646159111  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



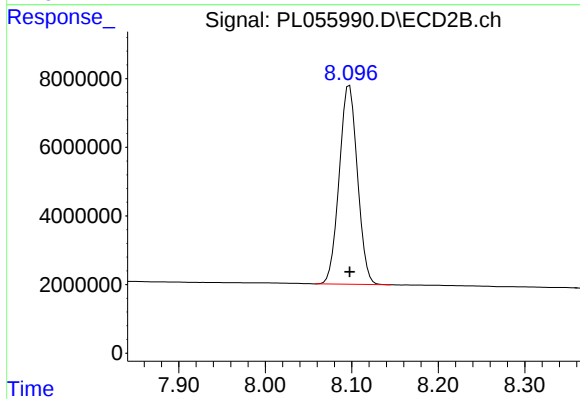
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 129112715  
Conc: 48.89 ng/ml



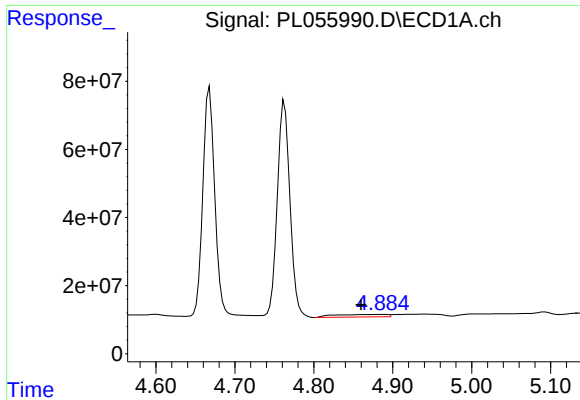
#22 Mirex

R.T.: 7.376 min  
Delta R.T.: 0.005 min  
Response: 394655993  
Conc: 56.19 ng/ml



#22 Mirex

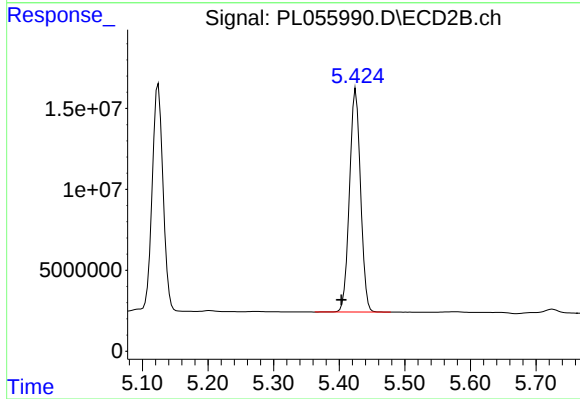
R.T.: 8.097 min  
Delta R.T.: 0.000 min  
Response: 84254424  
Conc: 46.17 ng/ml



#24 Chlordane-2

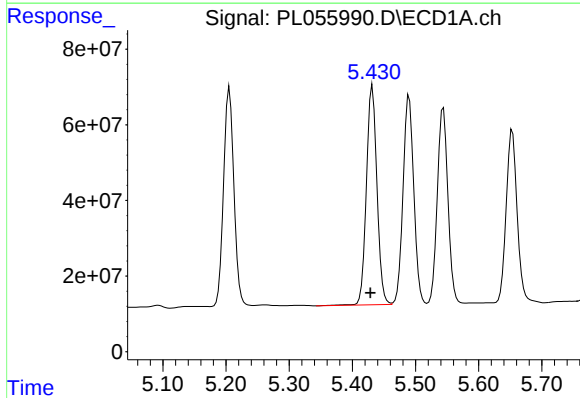
R.T.: 4.885 min  
Delta R.T.: 0.025 min  
Response: 35073955  
Conc: 81.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



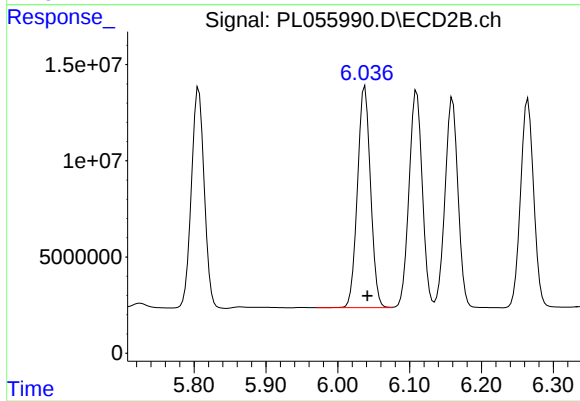
#24 Chlordane-2

R.T.: 5.425 min  
Delta R.T.: 0.022 min  
Response: 161509248  
Conc: 1464.98 ng/ml



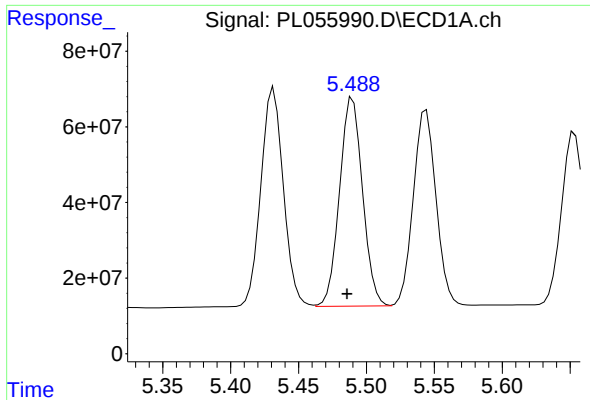
#25 Chlordane-3

R.T.: 5.432 min  
Delta R.T.: 0.003 min  
Response: 672101970  
Conc: 539.71 ng/ml



#25 Chlordane-3

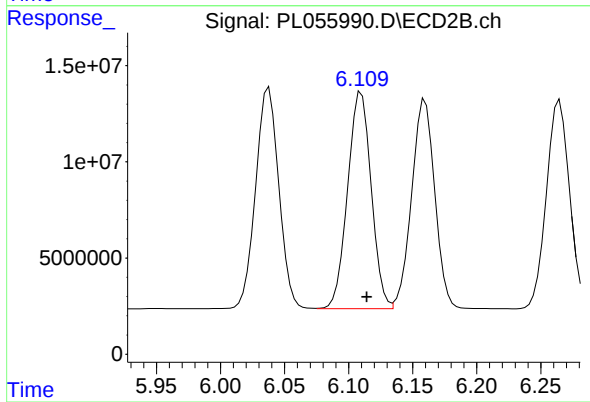
R.T.: 6.038 min  
Delta R.T.: -0.004 min  
Response: 144924271  
Conc: 365.12 ng/ml



#26 Chlordane-4

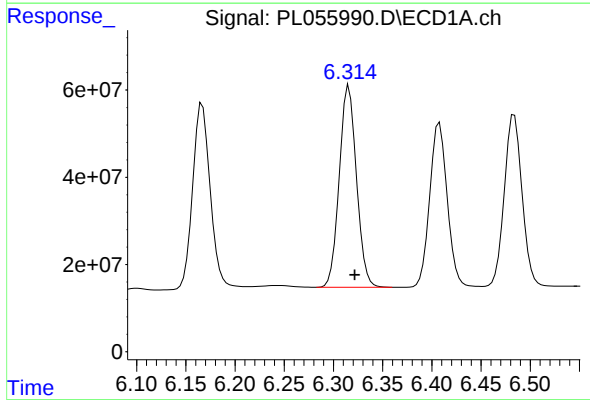
R.T.: 5.490 min  
Delta R.T.: 0.004 min  
Response: 650787455  
Conc: 631.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



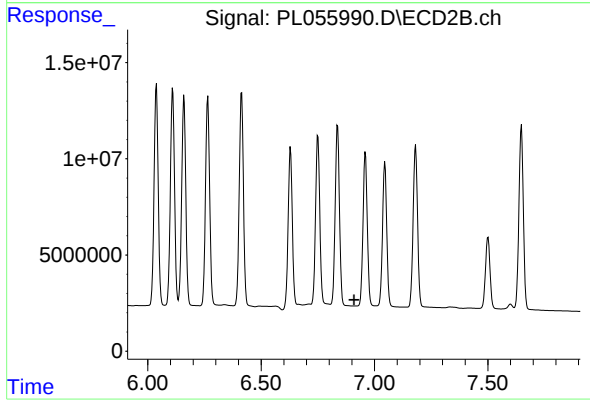
#26 Chlordane-4

R.T.: 6.110 min  
Delta R.T.: -0.004 min  
Response: 144376610  
Conc: 307.56 ng/ml



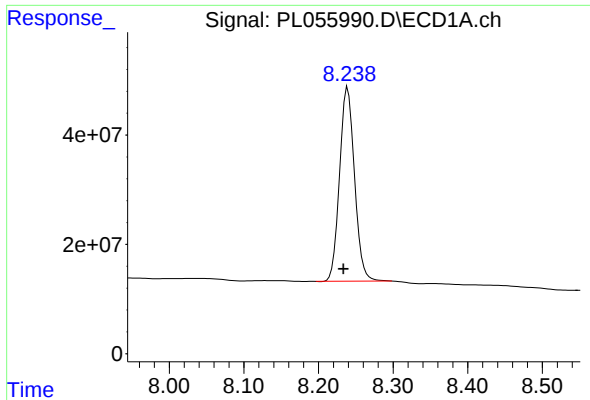
#27 Chlordane-5

R.T.: 6.316 min  
Delta R.T.: -0.006 min  
Response: 562457871  
Conc: 1438.09 ng/ml



#27 Chlordane-5

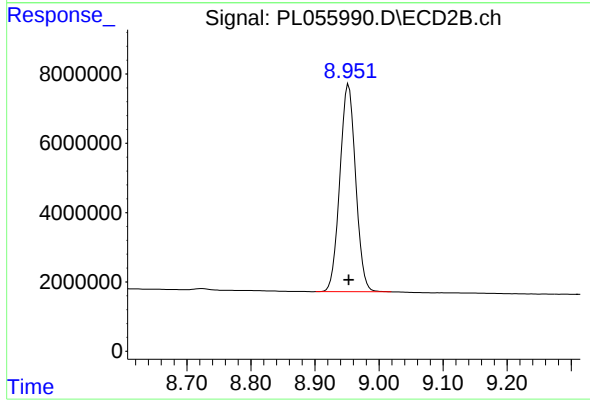
R.T.: 0.000 min  
Exp R.T.: 6.910 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.239 min  
Delta R.T.: 0.006 min  
Response: 494450529  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: 0.000 min  
Response: 102464456  
Conc: 44.73 ng/ml