

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041023\  
 Data File : PL081951.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2023 15:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 22:46:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 2023  
 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... | 3.326  | 2.653  | 126.0E6  | 112.6E6  | 54.173   | 56.433    |
| 28)                         | SA Decachlor... | 8.745  | 7.768  | 92244097 | 101.8E6  | 51.543   | 51.321    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.775  | 3.152  | 195.2E6  | 165.4E6  | 56.945   | 56.740    |
| 3)                          | MA gamma-BHC... | 4.103  | 3.480  | 169.1E6  | 154.8E6  | 53.236   | 55.604    |
| 4)                          | MA Heptachlor   | 4.683  | 3.812  | 159.5E6  | 159.9E6  | 50.600   | 55.764    |
| 5)                          | MB Aldrin       | 5.019  | 4.089  | 156.5E6  | 143.3E6  | 54.729   | 53.789    |
| 6)                          | B beta-BHC      | 4.306  | 3.778  | 77684564 | 66056844 | 51.615   | 55.464    |
| 7)                          | B delta-BHC     | 4.548  | 4.005  | 170.2E6  | 148.7E6  | 56.016   | 57.491    |
| 8)                          | B Heptachlo...  | 5.445  | 4.591  | 145.0E6  | 133.1E6  | 53.306   | 54.812    |
| 9)                          | A Endosulfan I  | 5.826  | 4.958  | 128.8E6  | 123.7E6  | 52.116   | 56.031    |
| 10)                         | B gamma-Chl...  | 5.699  | 4.840  | 139.9E6  | 132.8E6  | 53.308   | 54.650    |
| 11)                         | B alpha-Chl...  | 5.778  | 4.903  | 138.2E6  | 132.5E6  | 53.403   | 54.552    |
| 12)                         | B 4,4'-DDE      | 5.956  | 5.093  | 121.6E6  | 108.4E6  | 53.961   | 55.049    |
| 13)                         | MA Dieldrin     | 6.100  | 5.223  | 129.7E6  | 124.4E6  | 53.564   | 55.294    |
| 14)                         | MA Endrin       | 6.327  | 5.497  | 114.8E6  | 112.4E6  | 54.285   | 55.519    |
| 15)                         | B Endosulfa...  | 6.549  | 5.793  | 108.2E6  | 94717188 | 50.997   | 52.213    |
| 16)                         | A 4,4'-DDD      | 6.471  | 5.647  | 96244917 | 85518264 | 53.366   | 56.353    |
| 17)                         | MA 4,4'-DDT     | 6.783  | 5.897  | 108.9E6  | 98251496 | 53.644   | 57.015    |
| 18)                         | B Endrin al...  | 6.679  | 5.973  | 86251685 | 83892126 | 52.717   | 54.020    |
| 19)                         | B Endosulfa...  | 6.914  | 6.195  | 111.6E6  | 100.7E6  | 53.530   | 51.738    |
| 20)                         | A Methoxychlor  | 7.263  | 6.475  | 57589707 | 51849067 | 53.478   | 52.055    |
| 21)                         | B Endrin ke...  | 7.393  | 6.700  | 113.9E6  | 117.3E6  | 54.368   | 54.884    |
| 22)                         | Mirex           | 7.857  | 6.872  | 85026404 | 95649032 | 49.628   | 49.824    |
| 23)                         | Chlordane-1     | 0.000  | 3.676f | 0        | 544460   | N.D.     | 7.069 #   |
| 24)                         | Chlordane-2     | 5.019f | 4.229  | 156.5E6  | 162977   | 1504.089 | 1.745 #   |
| 25)                         | Chlordane-3     | 5.699  | 4.840  | 139.9E6  | 132.8E6  | 353.298  | 527.333 # |
| 26)                         | Chlordane-4     | 5.778  | 4.903  | 138.2E6  | 132.5E6  | 288.844  | 505.872 # |
| 27)                         | Chlordane-5     | 0.000  | 5.562  | 0        | 84164    | N.D.     | 1.261 #   |
| -----                       |                 |        |        |          |          |          |           |

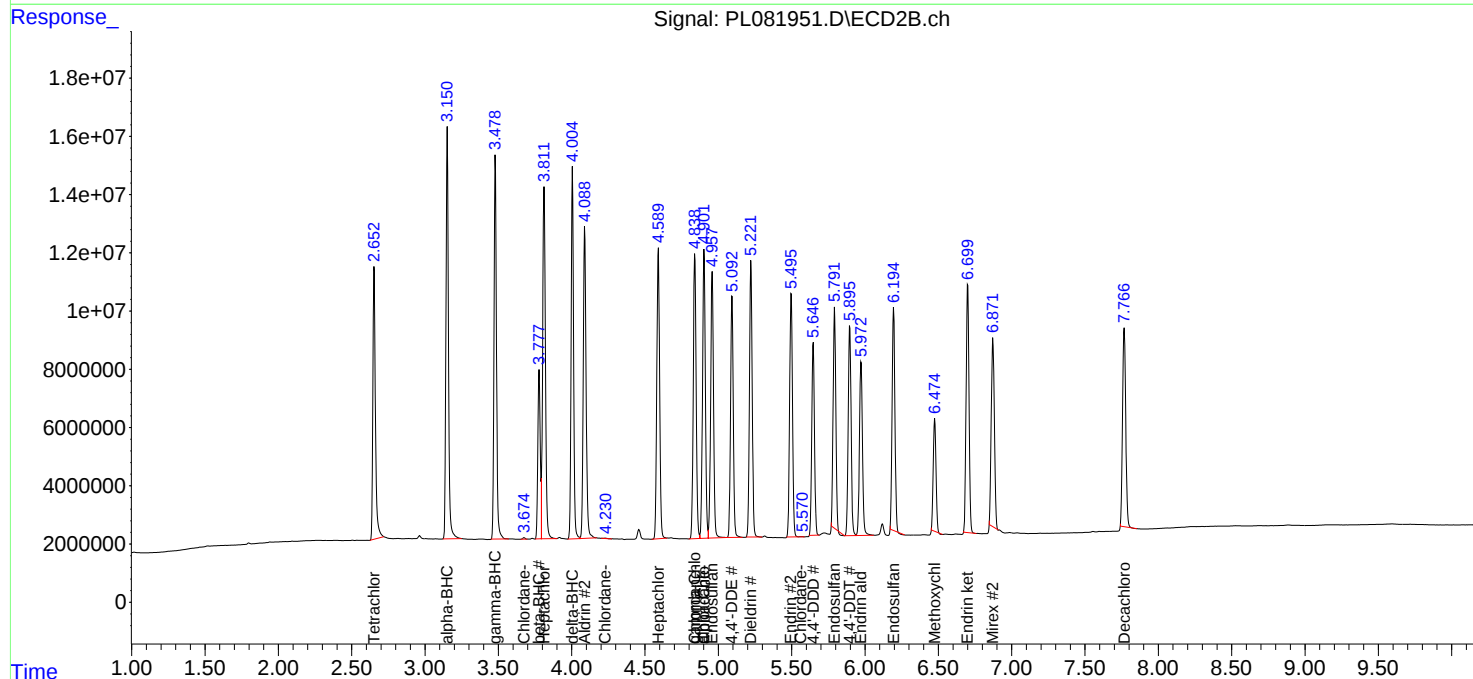
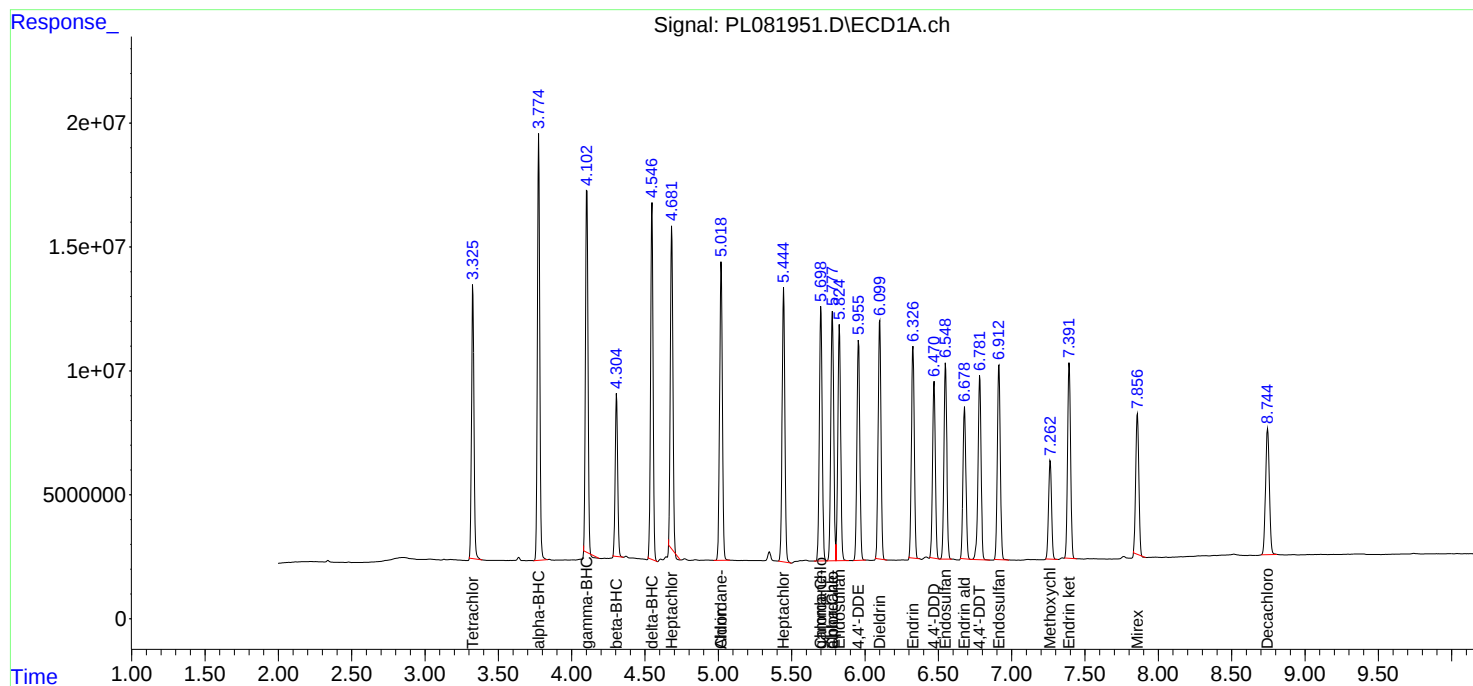
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

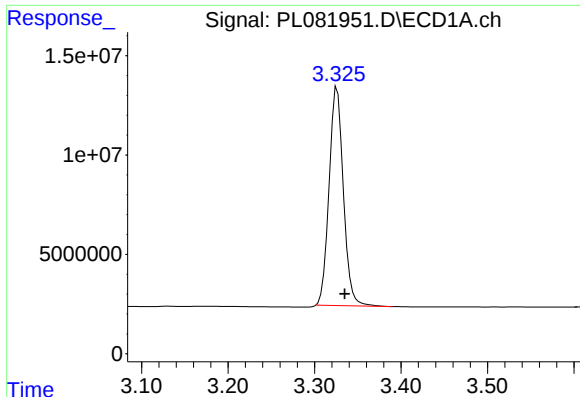
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041023\  
Data File : PL081951.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2023 15:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 22:46:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 2023  
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

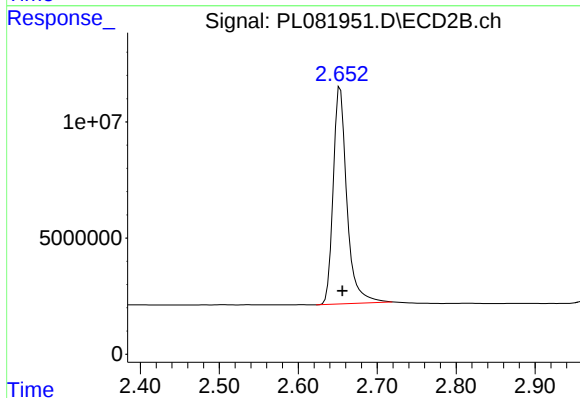




#1 Tetrachloro-m-xylene

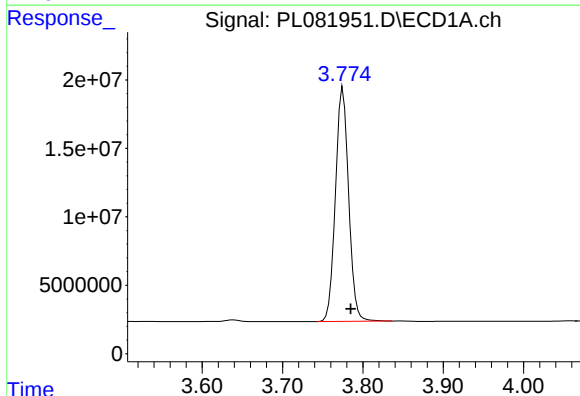
R.T.: 3.326 min  
Delta R.T.: -0.009 min  
Response: 12600748  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



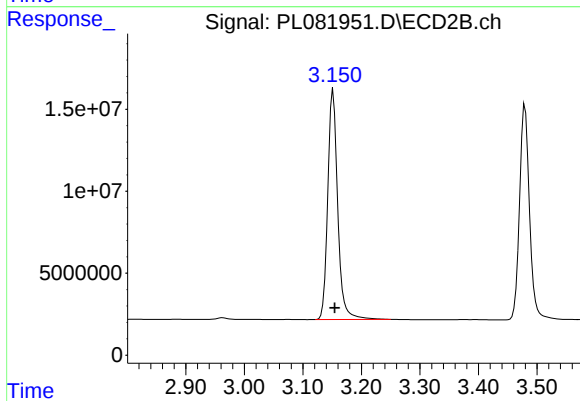
#1 Tetrachloro-m-xylene

R.T.: 2.653 min  
Delta R.T.: -0.003 min  
Response: 112647849  
Conc: 56.43 ng/ml



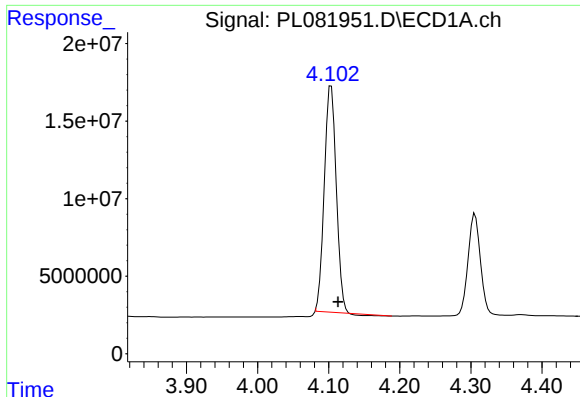
#2 alpha-BHC

R.T.: 3.775 min  
Delta R.T.: -0.010 min  
Response: 195228653  
Conc: 56.94 ng/ml



#2 alpha-BHC

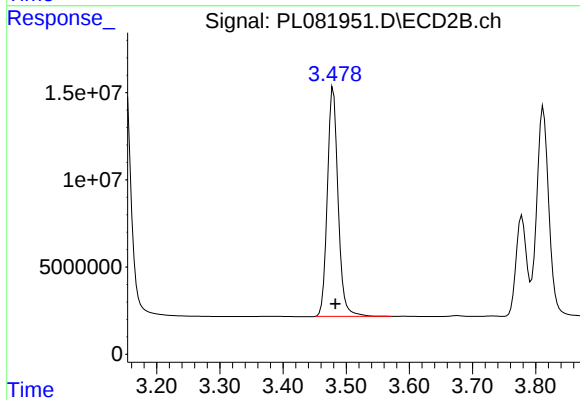
R.T.: 3.152 min  
Delta R.T.: -0.003 min  
Response: 165397494  
Conc: 56.74 ng/ml



#3 gamma-BHC (Lindane)

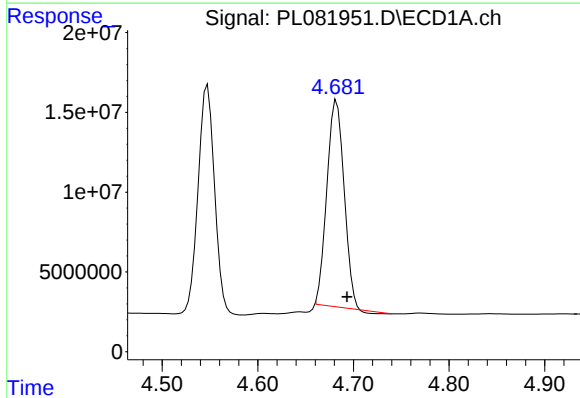
R.T.: 4.103 min  
Delta R.T.: -0.010 min  
Response: 169121348  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



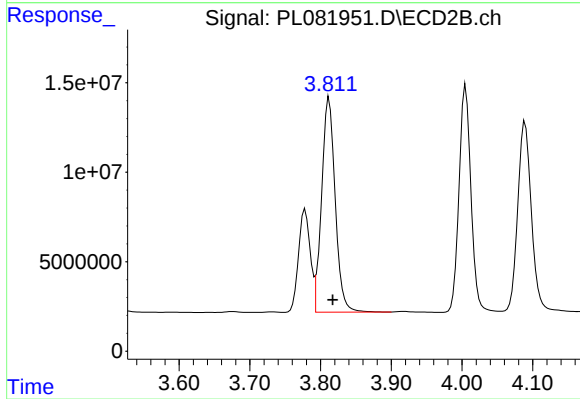
#3 gamma-BHC (Lindane)

R.T.: 3.480 min  
Delta R.T.: -0.003 min  
Response: 154814116  
Conc: 55.60 ng/ml



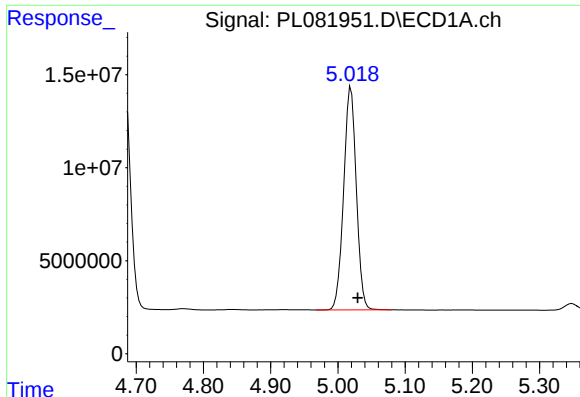
#4 Heptachlor

R.T.: 4.683 min  
Delta R.T.: -0.011 min  
Response: 159499186  
Conc: 50.60 ng/ml



#4 Heptachlor

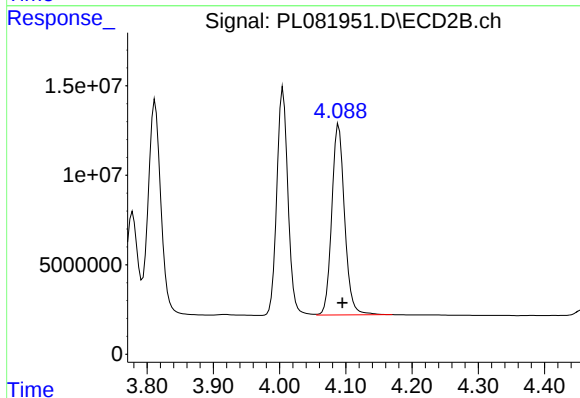
R.T.: 3.812 min  
Delta R.T.: -0.005 min  
Response: 159873352  
Conc: 55.76 ng/ml



#5 Aldrin

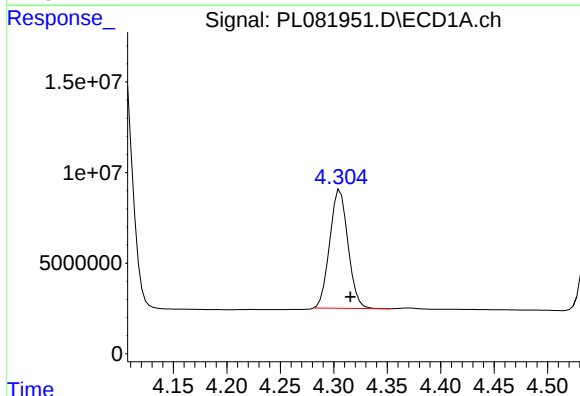
R.T.: 5.019 min  
Delta R.T.: -0.010 min  
Response: 156539604  
Conc: 54.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



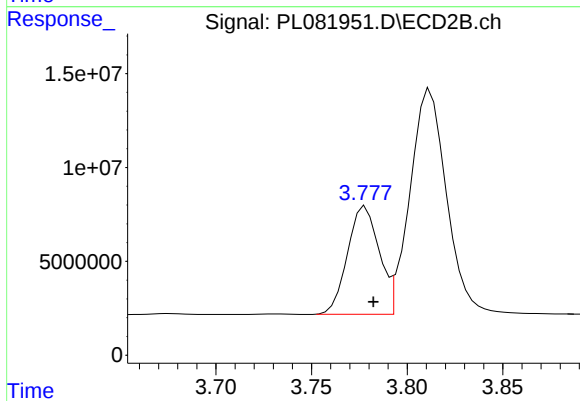
#5 Aldrin

R.T.: 4.089 min  
Delta R.T.: -0.005 min  
Response: 143317934  
Conc: 53.79 ng/ml



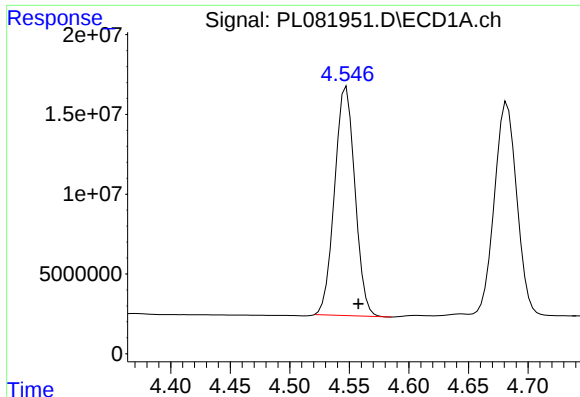
#6 beta-BHC

R.T.: 4.306 min  
Delta R.T.: -0.010 min  
Response: 77684564  
Conc: 51.61 ng/ml



#6 beta-BHC

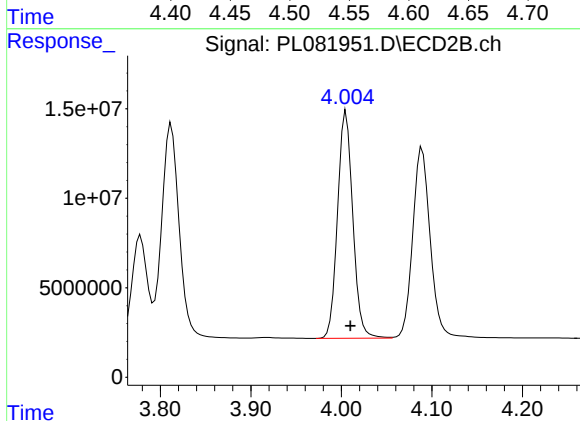
R.T.: 3.778 min  
Delta R.T.: -0.004 min  
Response: 66056844  
Conc: 55.46 ng/ml



#7 delta-BHC

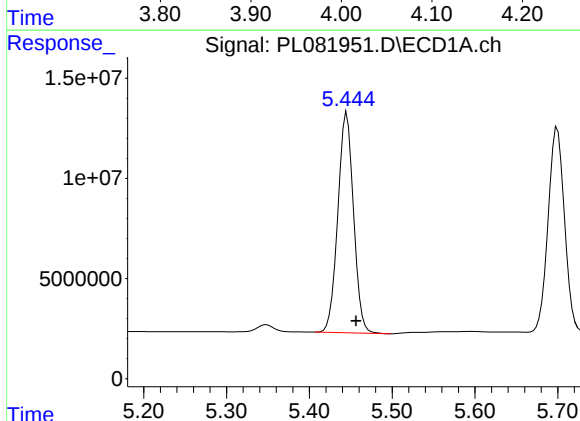
R.T.: 4.548 min  
Delta R.T.: -0.010 min  
Response: 170243833  
Conc: 56.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



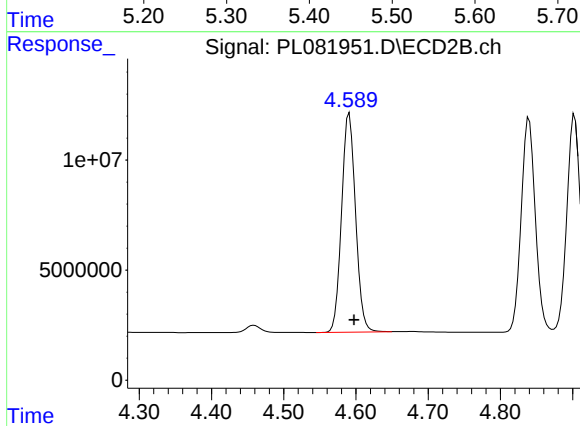
#7 delta-BHC

R.T.: 4.005 min  
Delta R.T.: -0.005 min  
Response: 148677950  
Conc: 57.49 ng/ml



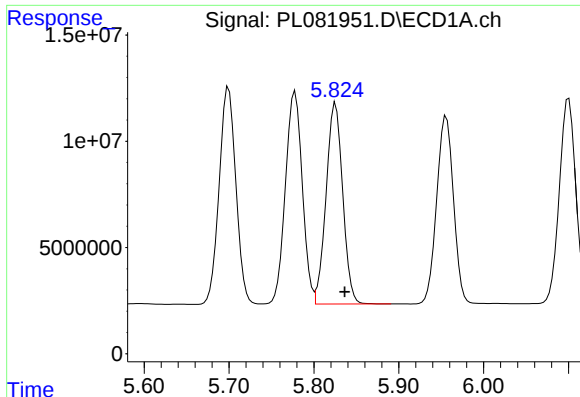
#8 Heptachlor epoxide

R.T.: 5.445 min  
Delta R.T.: -0.011 min  
Response: 144994629  
Conc: 53.31 ng/ml



#8 Heptachlor epoxide

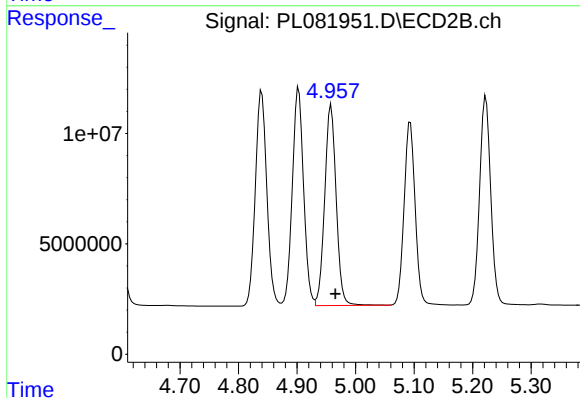
R.T.: 4.591 min  
Delta R.T.: -0.007 min  
Response: 133123886  
Conc: 54.81 ng/ml



#9 Endosulfan I

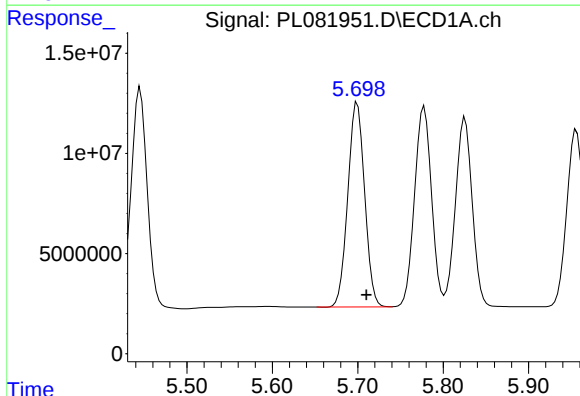
R.T.: 5.826 min  
Delta R.T.: -0.011 min  
Response: 128770329  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



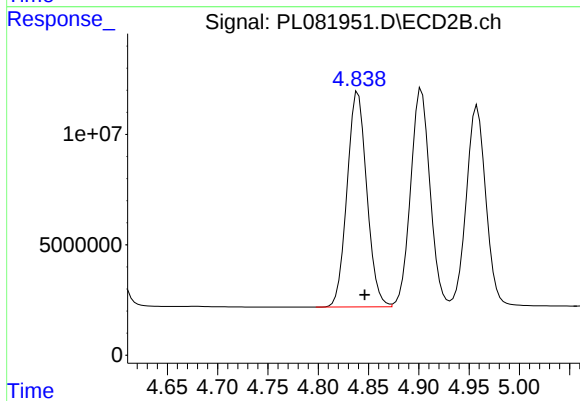
#9 Endosulfan I

R.T.: 4.958 min  
Delta R.T.: -0.007 min  
Response: 123700388  
Conc: 56.03 ng/ml



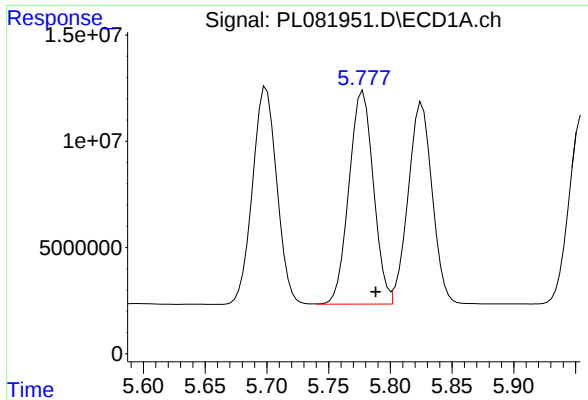
#10 gamma-Chlordane

R.T.: 5.699 min  
Delta R.T.: -0.011 min  
Response: 139946042  
Conc: 53.31 ng/ml



#10 gamma-Chlordane

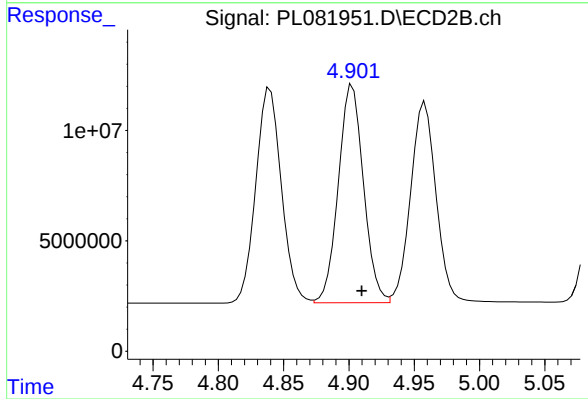
R.T.: 4.840 min  
Delta R.T.: -0.007 min  
Response: 132819863  
Conc: 54.65 ng/ml



#11 alpha-Chlordane

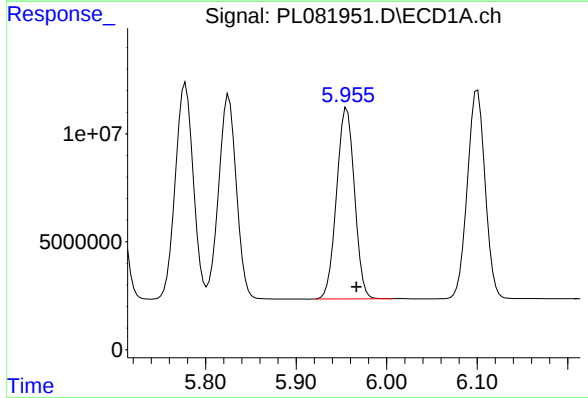
R.T.: 5.778 min  
Delta R.T.: -0.010 min  
Response: 138229226  
Conc: 53.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



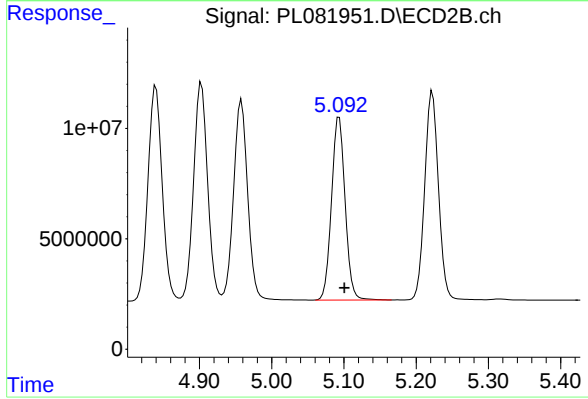
#11 alpha-Chlordane

R.T.: 4.903 min  
Delta R.T.: -0.007 min  
Response: 132504450  
Conc: 54.55 ng/ml



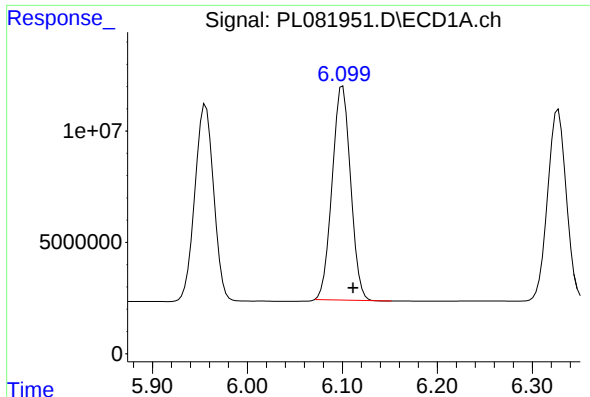
#12 4,4'-DDE

R.T.: 5.956 min  
Delta R.T.: -0.011 min  
Response: 121609483  
Conc: 53.96 ng/ml



#12 4,4'-DDE

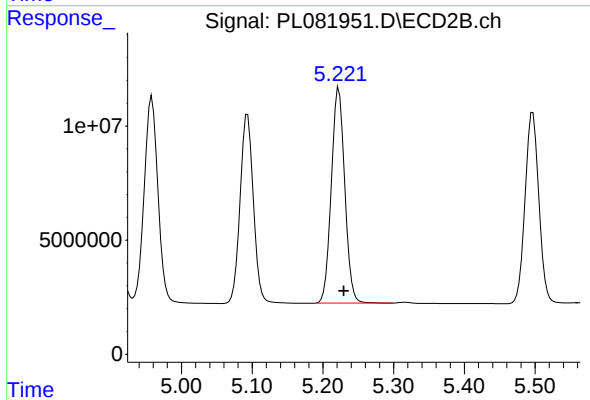
R.T.: 5.093 min  
Delta R.T.: -0.007 min  
Response: 108434568  
Conc: 55.05 ng/ml



#13 Dieldrin

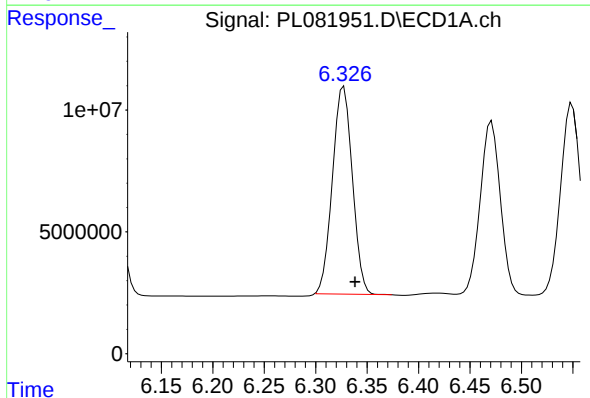
R.T.: 6.100 min  
Delta R.T.: -0.011 min  
Response: 129675165  
Conc: 53.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



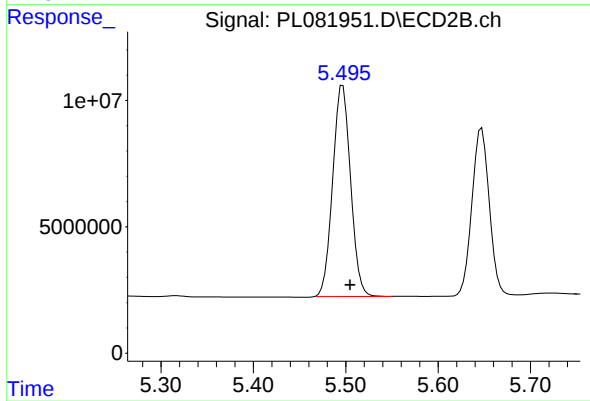
#13 Dieldrin

R.T.: 5.223 min  
Delta R.T.: -0.007 min  
Response: 124379521  
Conc: 55.29 ng/ml



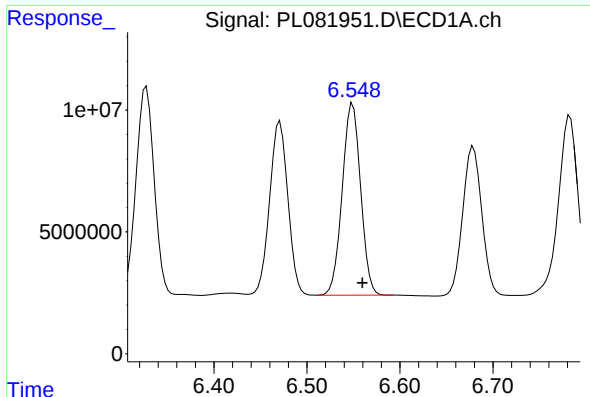
#14 Endrin

R.T.: 6.327 min  
Delta R.T.: -0.011 min  
Response: 114824825  
Conc: 54.28 ng/ml



#14 Endrin

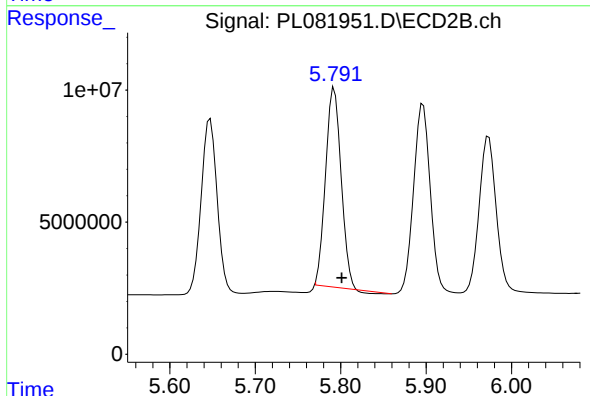
R.T.: 5.497 min  
Delta R.T.: -0.008 min  
Response: 112355611  
Conc: 55.52 ng/ml



#15 Endosulfan II

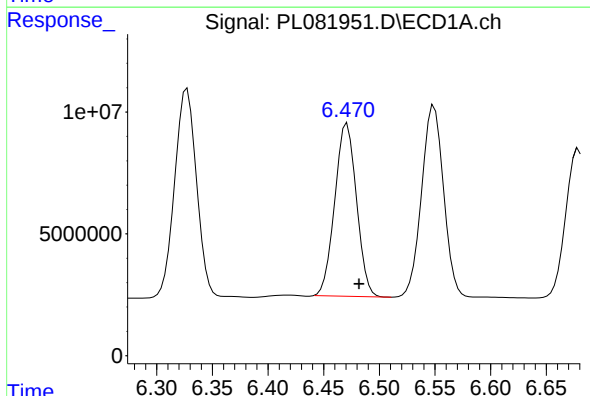
R.T.: 6.549 min  
Delta R.T.: -0.011 min  
Response: 108221635  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



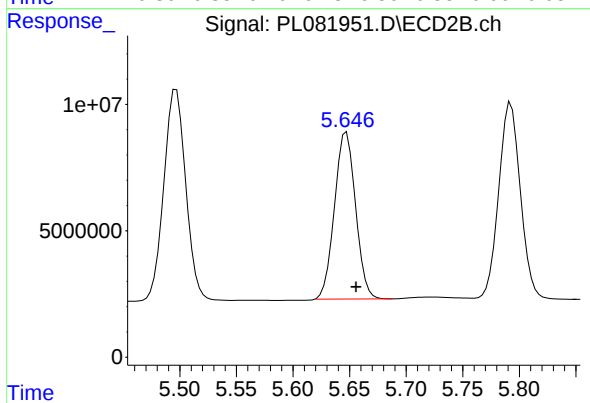
#15 Endosulfan II

R.T.: 5.793 min  
Delta R.T.: -0.009 min  
Response: 94717188  
Conc: 52.21 ng/ml



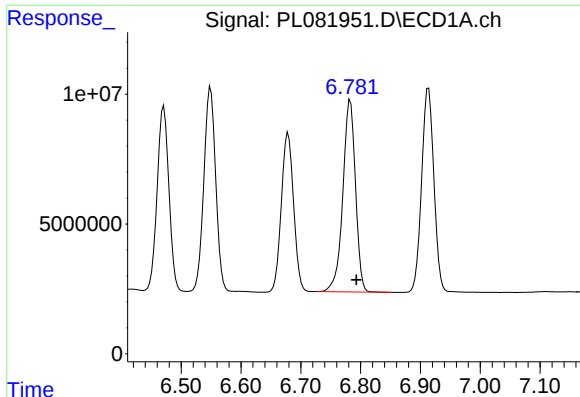
#16 4,4'-DDD

R.T.: 6.471 min  
Delta R.T.: -0.011 min  
Response: 96244917  
Conc: 53.37 ng/ml



#16 4,4'-DDD

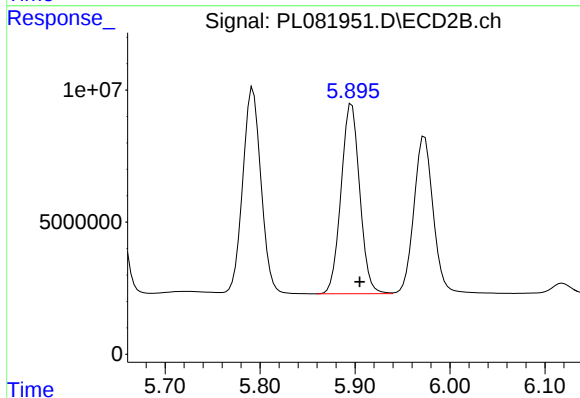
R.T.: 5.647 min  
Delta R.T.: -0.009 min  
Response: 85518264  
Conc: 56.35 ng/ml



#17 4,4'-DDT

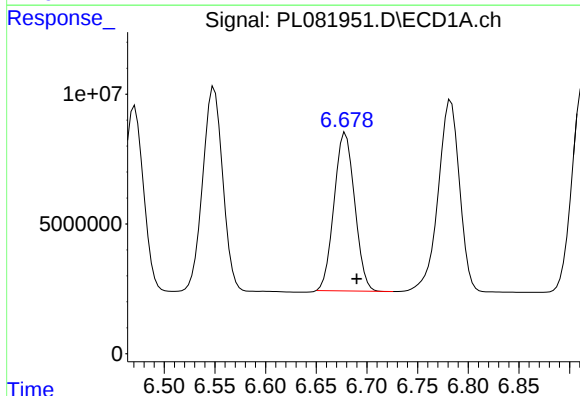
R.T.: 6.783 min  
Delta R.T.: -0.010 min  
Response: 108877218  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



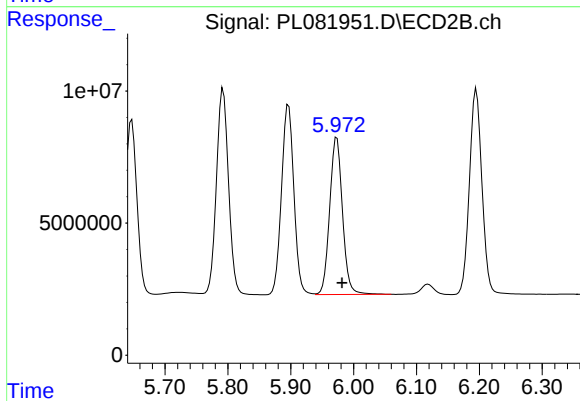
#17 4,4'-DDT

R.T.: 5.897 min  
Delta R.T.: -0.008 min  
Response: 98251496  
Conc: 57.01 ng/ml



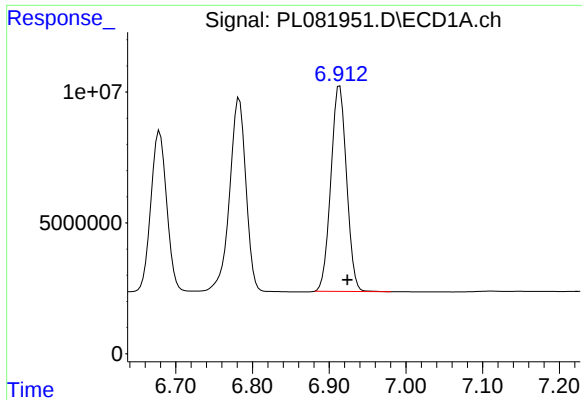
#18 Endrin aldehyde

R.T.: 6.679 min  
Delta R.T.: -0.011 min  
Response: 86251685  
Conc: 52.72 ng/ml



#18 Endrin aldehyde

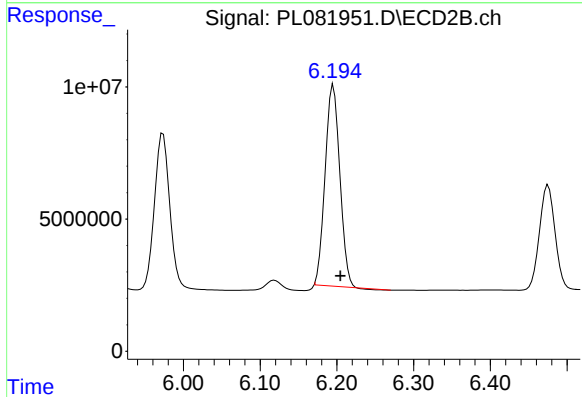
R.T.: 5.973 min  
Delta R.T.: -0.009 min  
Response: 83892126  
Conc: 54.02 ng/ml



#19 Endosulfan Sulfate

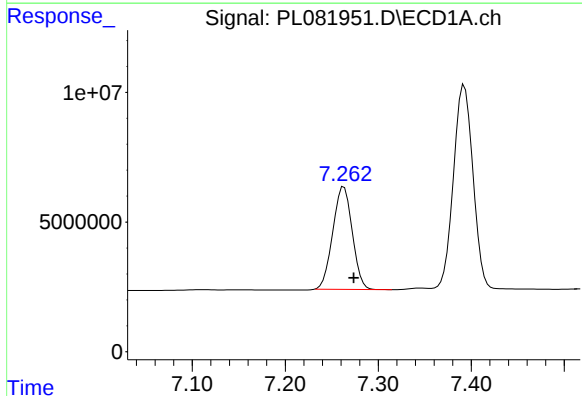
R.T.: 6.914 min  
Delta R.T.: -0.010 min  
Response: 111559653  
Conc: 53.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



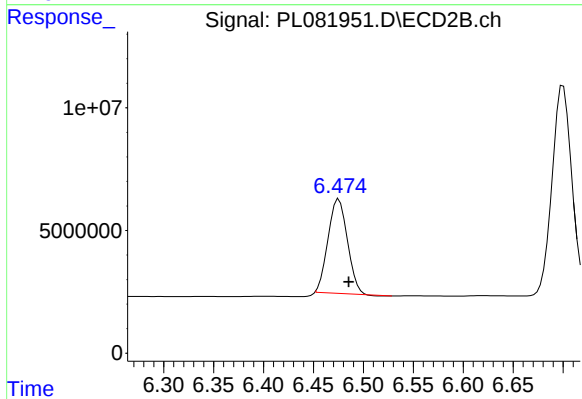
#19 Endosulfan Sulfate

R.T.: 6.195 min  
Delta R.T.: -0.009 min  
Response: 100666532  
Conc: 51.74 ng/ml



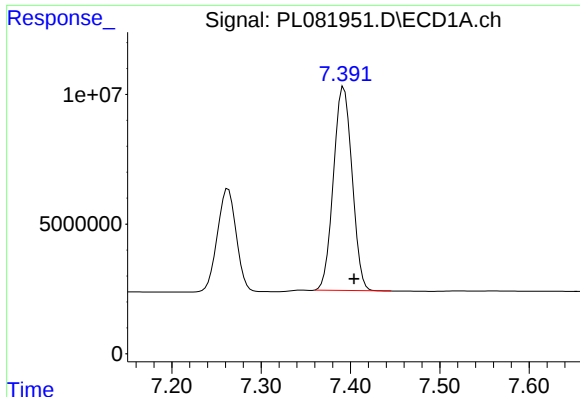
#20 Methoxychlor

R.T.: 7.263 min  
Delta R.T.: -0.011 min  
Response: 57589707  
Conc: 53.48 ng/ml



#20 Methoxychlor

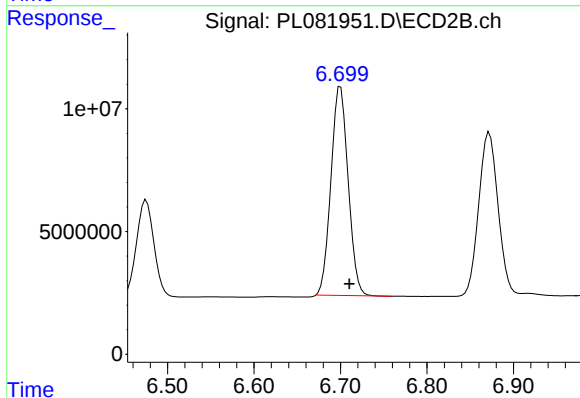
R.T.: 6.475 min  
Delta R.T.: -0.010 min  
Response: 51849067  
Conc: 52.06 ng/ml



#21 Endrin ketone

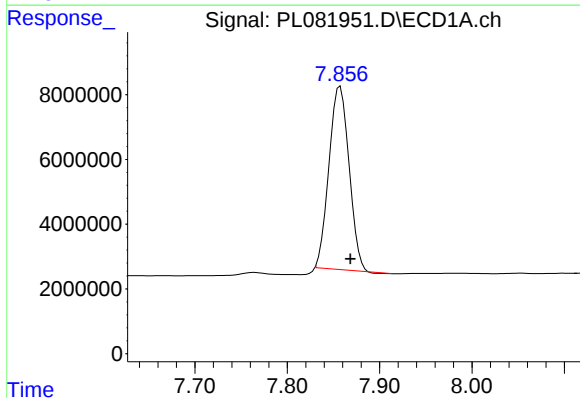
R.T.: 7.393 min  
Delta R.T.: -0.011 min  
Response: 113882963  
Conc: 54.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



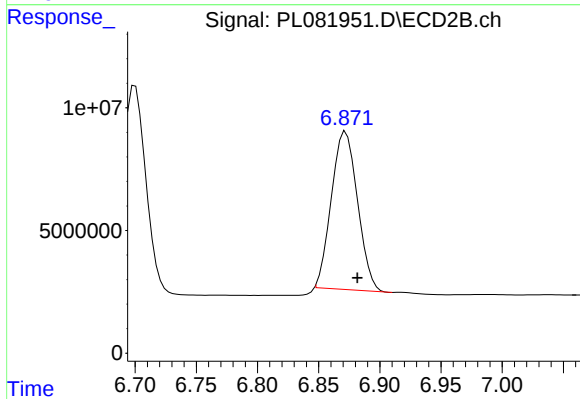
#21 Endrin ketone

R.T.: 6.700 min  
Delta R.T.: -0.010 min  
Response: 117285700  
Conc: 54.88 ng/ml



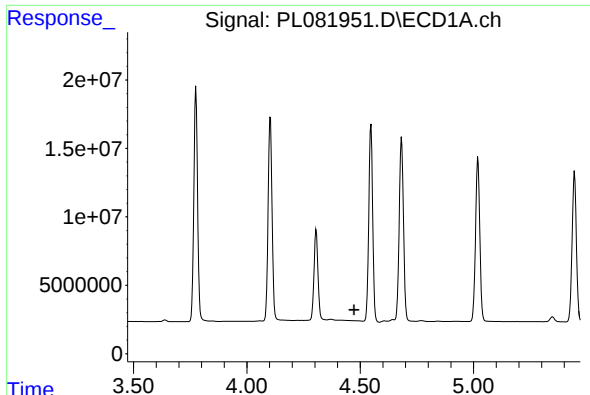
#22 Mirex

R.T.: 7.857 min  
Delta R.T.: -0.011 min  
Response: 85026404  
Conc: 49.63 ng/ml



#22 Mirex

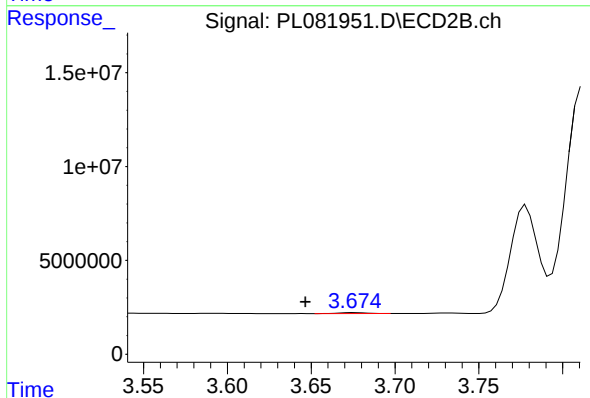
R.T.: 6.872 min  
Delta R.T.: -0.010 min  
Response: 95649032  
Conc: 49.82 ng/ml



#23 Chlordane-1

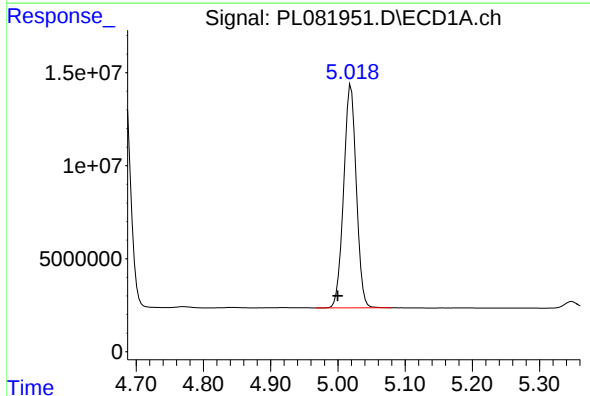
R.T.: 0.000 min  
Exp R.T.: 4.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



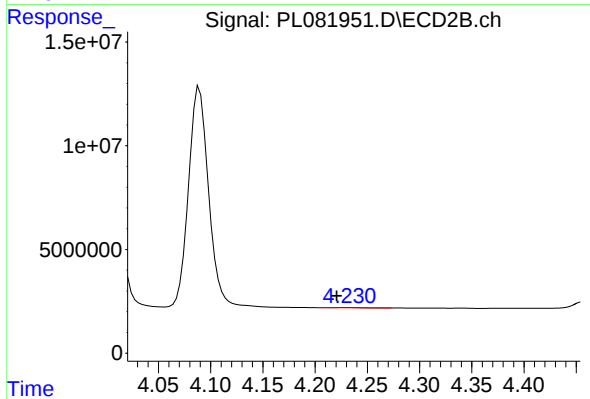
#23 Chlordane-1

R.T.: 3.676 min  
Delta R.T.: 0.029 min  
Response: 544460  
Conc: 7.07 ng/ml



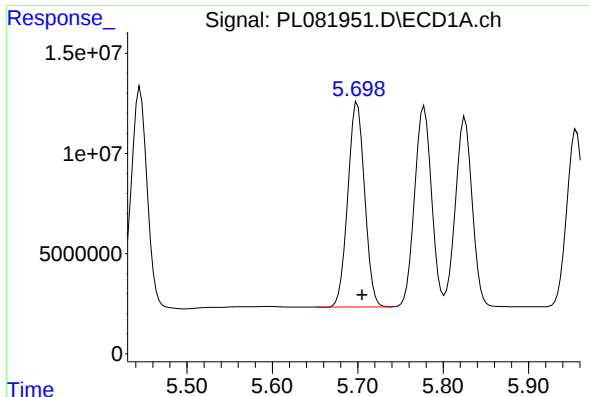
#24 Chlordane-2

R.T.: 5.019 min  
Delta R.T.: 0.020 min  
Response: 156539604  
Conc: 1504.09 ng/ml



#24 Chlordane-2

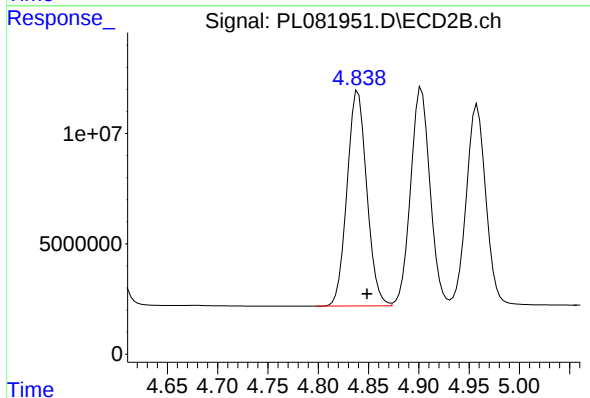
R.T.: 4.229 min  
Delta R.T.: 0.009 min  
Response: 162977  
Conc: 1.74 ng/ml



#25 Chlordane-3

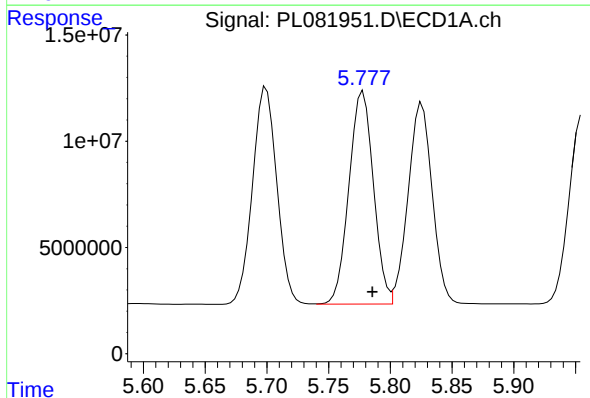
R.T.: 5.699 min  
Delta R.T.: -0.006 min  
Response: 139946042  
Conc: 353.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



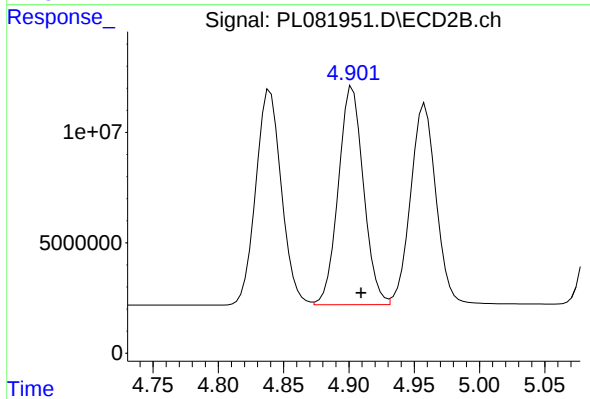
#25 Chlordane-3

R.T.: 4.840 min  
Delta R.T.: -0.009 min  
Response: 132819863  
Conc: 527.33 ng/ml



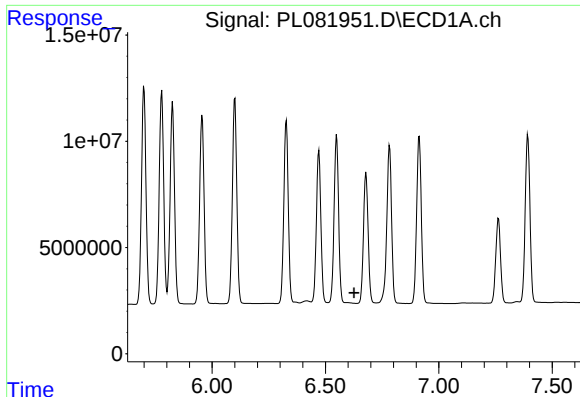
#26 Chlordane-4

R.T.: 5.778 min  
Delta R.T.: -0.008 min  
Response: 138229226  
Conc: 288.84 ng/ml



#26 Chlordane-4

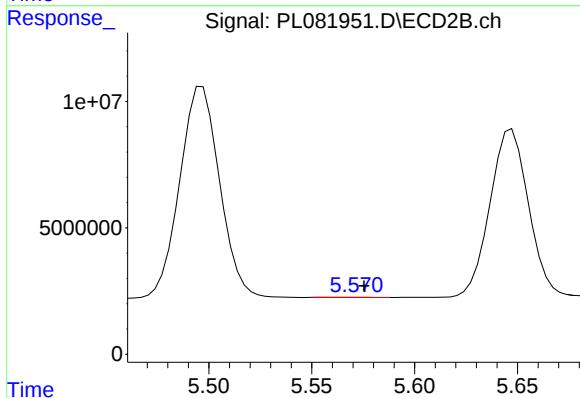
R.T.: 4.903 min  
Delta R.T.: -0.007 min  
Response: 132504450  
Conc: 505.87 ng/ml



#27 Chlordane-5

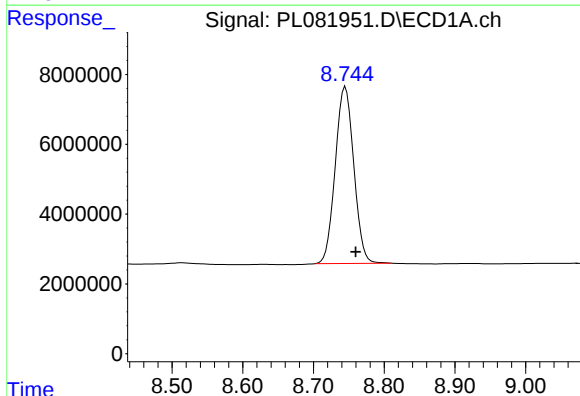
R.T.: 0.000 min  
Exp R.T.: 6.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



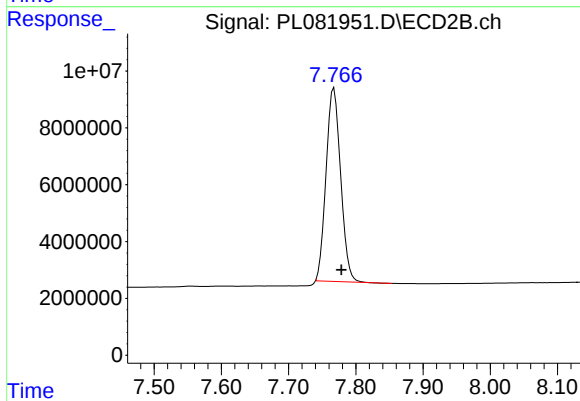
#27 Chlordane-5

R.T.: 5.562 min  
Delta R.T.: -0.013 min  
Response: 84164  
Conc: 1.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.745 min  
Delta R.T.: -0.015 min  
Response: 92244097  
Conc: 51.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min  
Delta R.T.: -0.011 min  
Response: 101782137  
Conc: 51.32 ng/ml