

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021723\  
 Data File : PL081007.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Feb 2023 16:09  
 Operator : AR\AJ  
 Sample : 01581-04MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 17 22:13:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 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... | 3.352  | 2.689 | 38153839 | 32455487 | 17.789  | 14.776    |
| 28)                         | SA Decachlor... | 8.790  | 7.832 | 27164738 | 33410995 | 15.516  | 14.023    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.801  | 3.189 | 160.8E6  | 151.4E6  | 50.753  | 47.619    |
| 3)                          | MA gamma-BHC... | 4.129  | 3.517 | 150.9E6  | 142.3E6  | 51.337  | 47.643    |
| 4)                          | MA Heptachlor   | 4.713  | 3.857 | 149.9E6  | 147.3E6  | 50.708  | 46.292    |
| 5)                          | MB Aldrin       | 5.051  | 4.137 | 138.8E6  | 140.8E6  | 50.752  | 47.745    |
| 6)                          | B beta-BHC      | 4.325  | 3.813 | 67311416 | 63487466 | 49.312  | 47.569    |
| 7)                          | B delta-BHC     | 4.568  | 4.043 | 137.9E6  | 125.6E6  | 47.622  | 43.534    |
| 8)                          | B Heptachlo...  | 5.476  | 4.639 | 130.2E6  | 129.8E6  | 50.311  | 46.664    |
| 9)                          | A Endosulfan I  | 5.858  | 5.008 | 119.2E6  | 117.5E6  | 50.484  | 45.152    |
| 10)                         | B gamma-Chl...  | 5.730  | 4.890 | 128.3E6  | 126.7E6  | 50.795  | 44.692    |
| 11)                         | B alpha-Chl...  | 5.810  | 4.954 | 127.3E6  | 128.8E6  | 50.435  | 44.951    |
| 12)                         | B 4,4'-DDE      | 5.987  | 5.146 | 112.8E6  | 112.3E6  | 50.622  | 47.607    |
| 13)                         | MA Dieldrin     | 6.132  | 5.273 | 121.7E6  | 122.9E6  | 50.841  | 45.443    |
| 14)                         | MA Endrin       | 6.359  | 5.548 | 108.7E6  | 115.2E6  | 50.273  | 49.642    |
| 15)                         | B Endosulfa...  | 6.579  | 5.842 | 81864553 | 103.4E6  | 35.712  | 49.623 #  |
| 16)                         | A 4,4'-DDD      | 6.502  | 5.700 | 97841561 | 95467583 | 53.407  | 50.802    |
| 17)                         | MA 4,4'-DDT     | 6.815  | 5.952 | 95418743 | 93092732 | 45.926  | 44.299    |
| 18)                         | B Endrin al...  | 6.708  | 6.021 | 80964182 | 83428626 | 48.674  | 45.687    |
| 19)                         | B Endosulfa...  | 6.942  | 6.245 | 100.6E6  | 106.5E6  | 48.599  | 45.773    |
| 20)                         | A Methoxychlor  | 7.293  | 6.529 | 50252029 | 52993634 | 45.547  | 43.671    |
| 21)                         | B Endrin ke...  | 7.422  | 6.750 | 109.4E6  | 120.5E6  | 49.593  | 47.199    |
| 22)                         | Mirex           | 7.894  | 6.933 | 83438789 | 100.1E6  | 48.517  | 43.979    |
| 24)                         | Chlordane-2     | 5.008f | 4.267 | 90417    | 116984   | 0.937   | 1.298 #   |
| 25)                         | Chlordane-3     | 5.730  | 4.890 | 128.3E6  | 126.7E6  | 379.672 | 480.270 # |
| 26)                         | Chlordane-4     | 5.810  | 4.954 | 127.3E6  | 128.8E6  | 295.104 | 478.173 # |
| -----                       |                 |        |       |          |          |         |           |

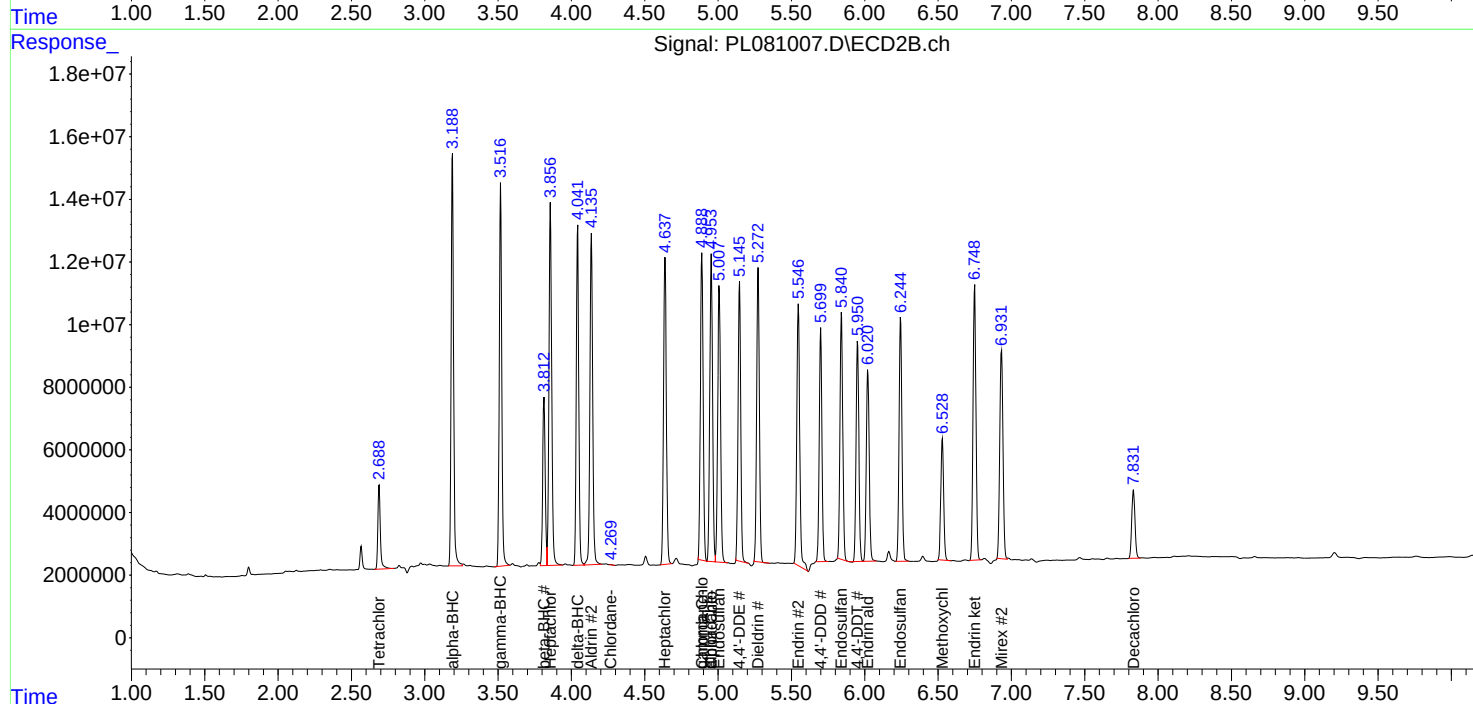
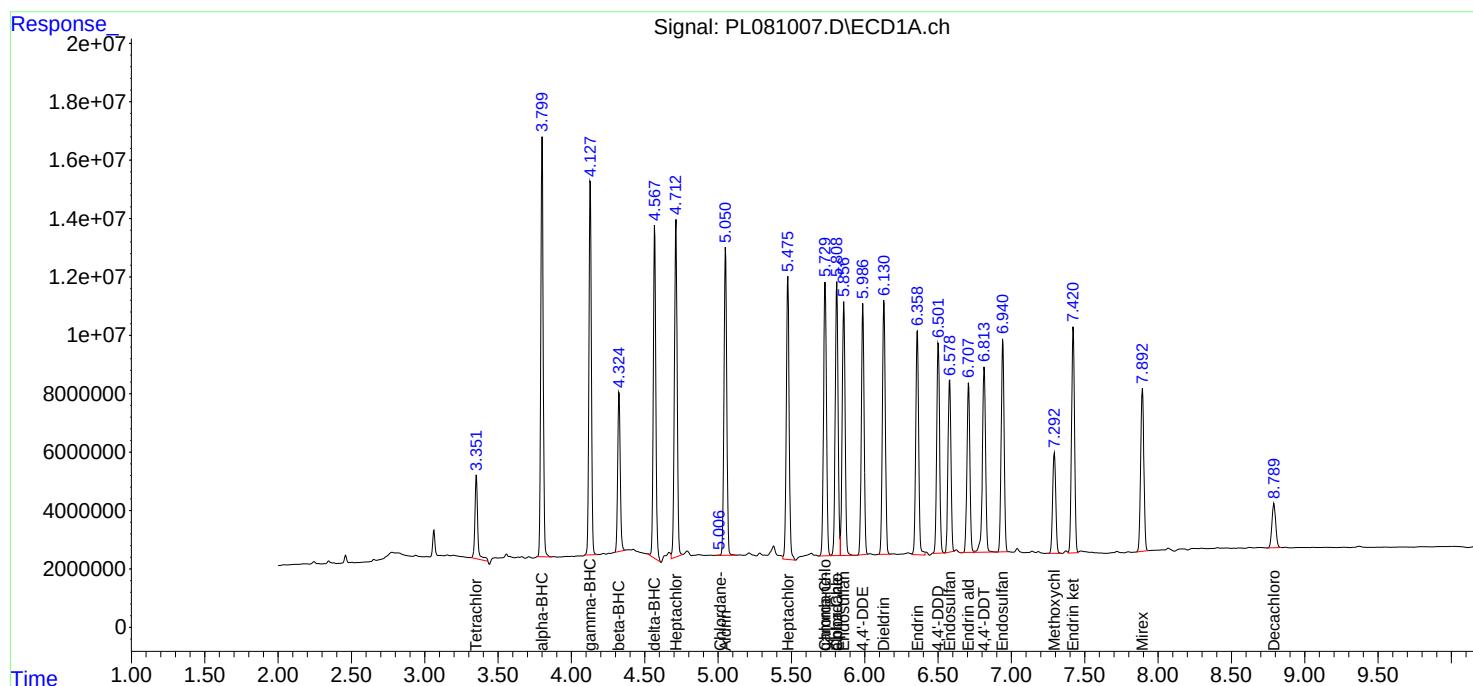
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

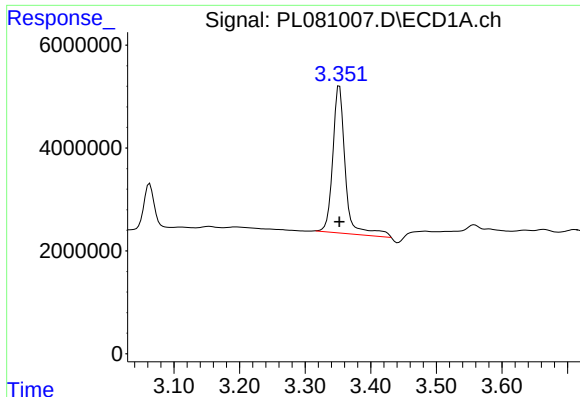
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021723\  
Data File : PL081007.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Feb 2023 16:09  
Operator : AR\AJ  
Sample : 01581-04MSD  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 17 22:13:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 2023  
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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

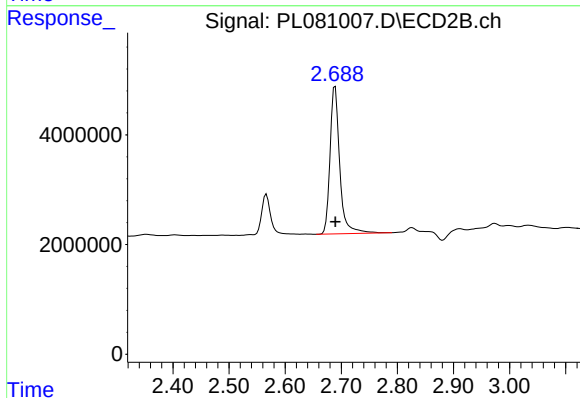




#1 Tetrachloro-m-xylene

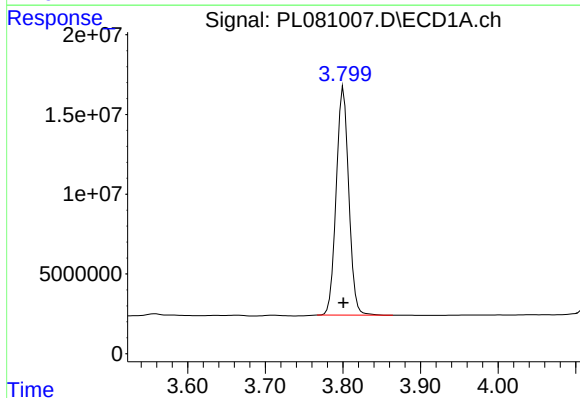
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 38153839  
Conc: 17.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



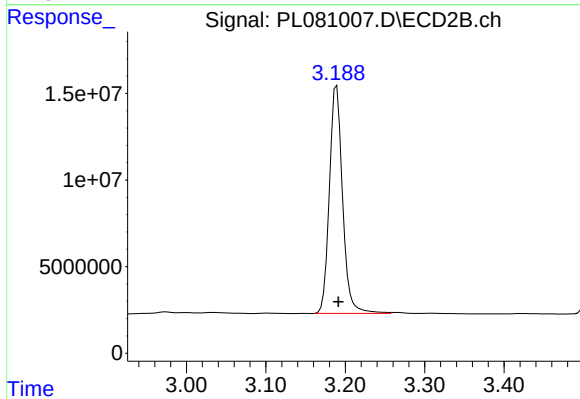
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 32455487  
Conc: 14.78 ng/ml



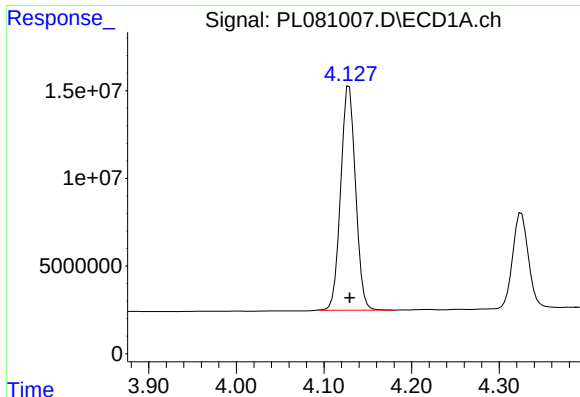
#2 alpha-BHC

R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 160787451  
Conc: 50.75 ng/ml



#2 alpha-BHC

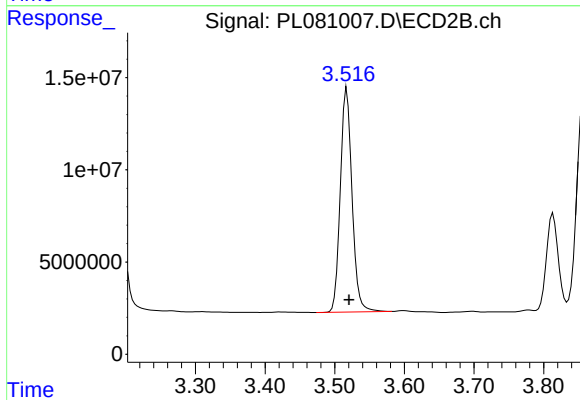
R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 151447281  
Conc: 47.62 ng/ml



#3 gamma-BHC (Lindane)

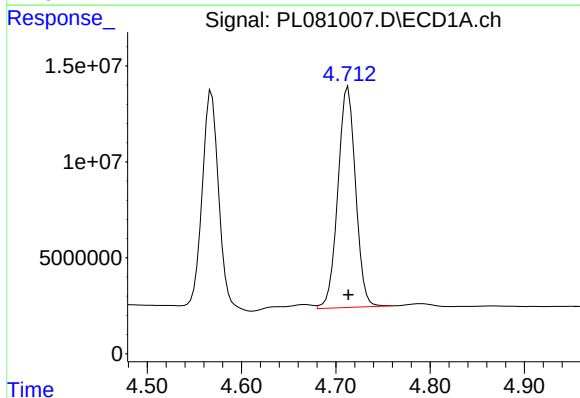
R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 150919197  
Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



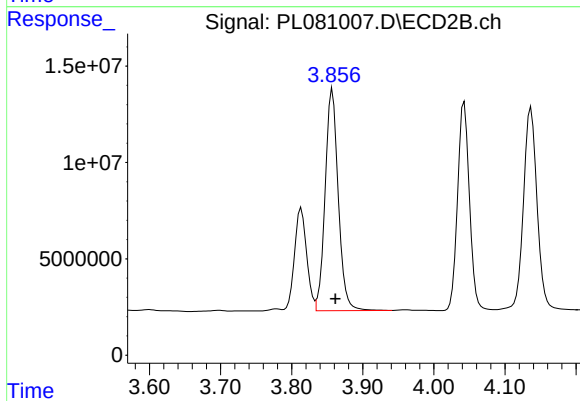
#3 gamma-BHC (Lindane)

R.T.: 3.517 min  
Delta R.T.: -0.003 min  
Response: 142325384  
Conc: 47.64 ng/ml



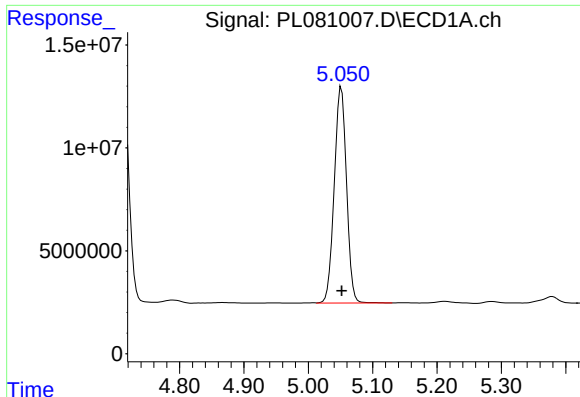
#4 Heptachlor

R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 149853521  
Conc: 50.71 ng/ml



#4 Heptachlor

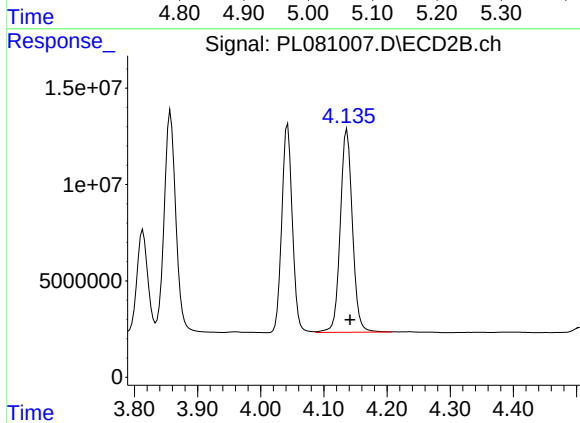
R.T.: 3.857 min  
Delta R.T.: -0.004 min  
Response: 147316916  
Conc: 46.29 ng/ml



#5 Aldrin

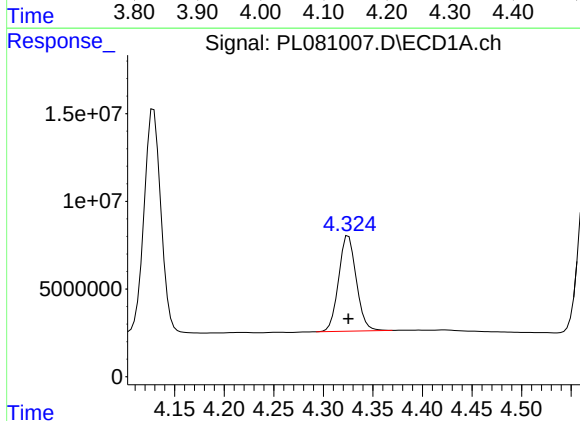
R.T.: 5.051 min  
Delta R.T.: 0.000 min  
Response: 138846459  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



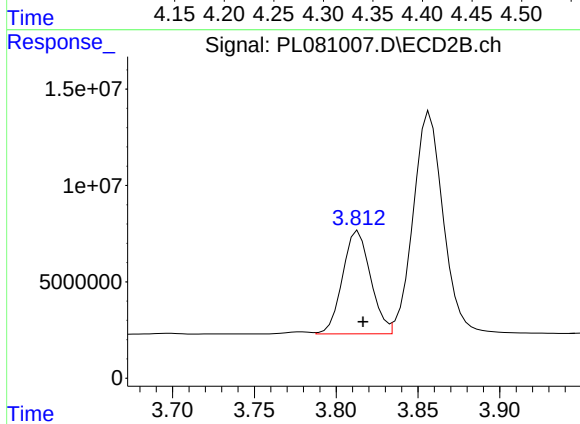
#5 Aldrin

R.T.: 4.137 min  
Delta R.T.: -0.005 min  
Response: 140827813  
Conc: 47.75 ng/ml



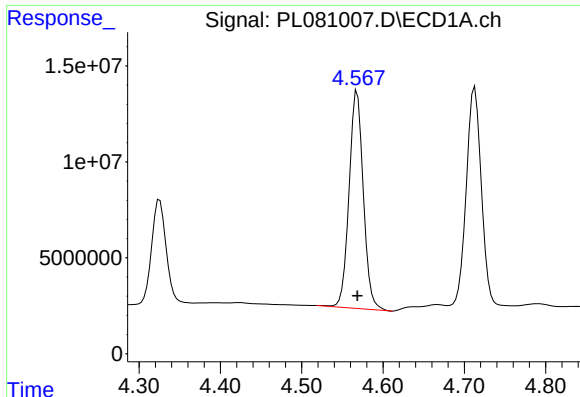
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 67311416  
Conc: 49.31 ng/ml



#6 beta-BHC

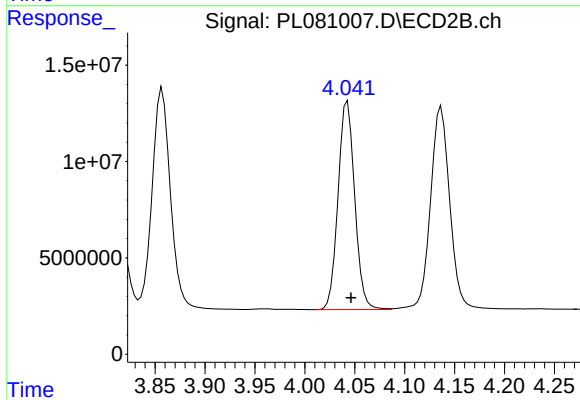
R.T.: 3.813 min  
Delta R.T.: -0.003 min  
Response: 63487466  
Conc: 47.57 ng/ml



#7 delta-BHC

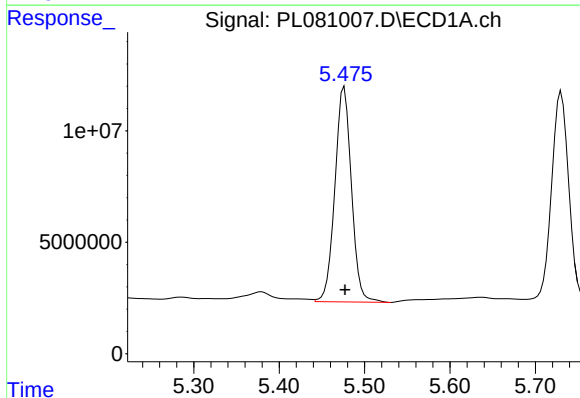
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 137865744  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



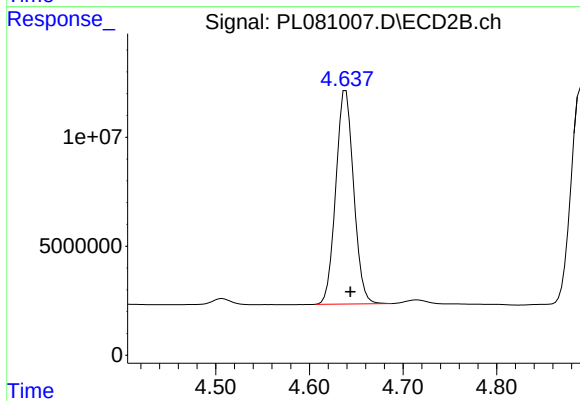
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.004 min  
Response: 125570095  
Conc: 43.53 ng/ml



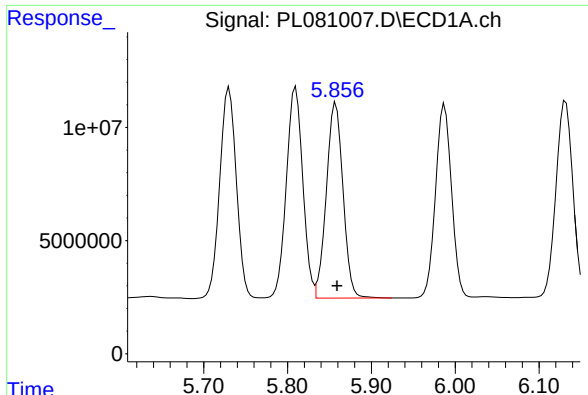
#8 Heptachlor epoxide

R.T.: 5.476 min  
Delta R.T.: 0.000 min  
Response: 130156816  
Conc: 50.31 ng/ml



#8 Heptachlor epoxide

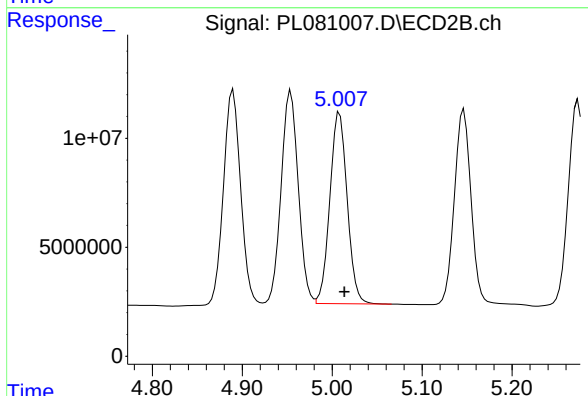
R.T.: 4.639 min  
Delta R.T.: -0.005 min  
Response: 129836403  
Conc: 46.66 ng/ml



#9 Endosulfan I

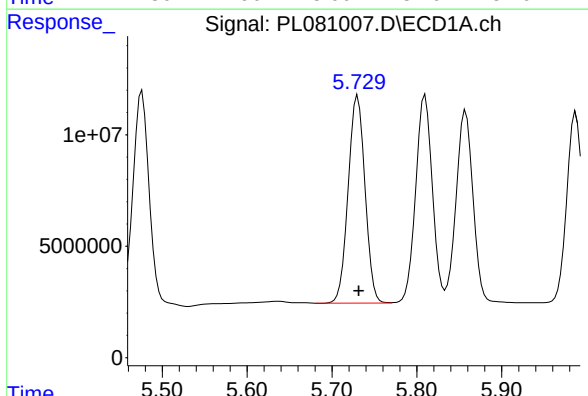
R.T.: 5.858 min  
Delta R.T.: -0.001 min  
Response: 119216573  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



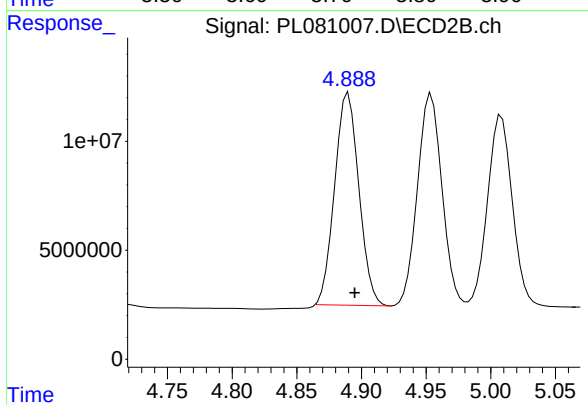
#9 Endosulfan I

R.T.: 5.008 min  
Delta R.T.: -0.005 min  
Response: 117456516  
Conc: 45.15 ng/ml



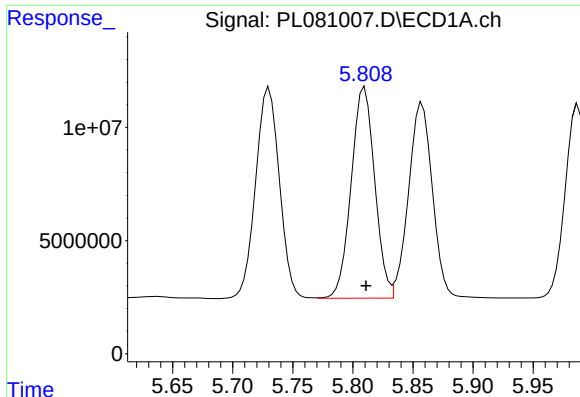
#10 gamma-Chlordane

R.T.: 5.730 min  
Delta R.T.: -0.001 min  
Response: 128295402  
Conc: 50.80 ng/ml



#10 gamma-Chlordane

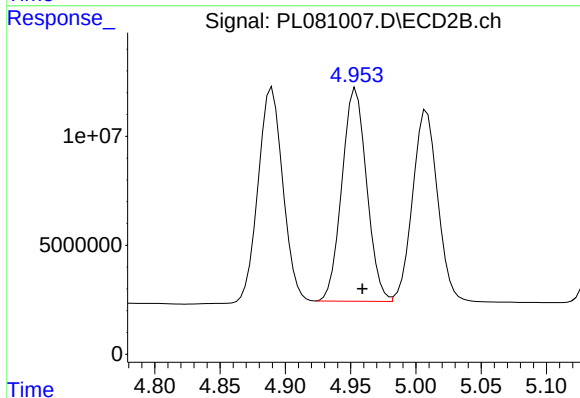
R.T.: 4.890 min  
Delta R.T.: -0.005 min  
Response: 126668960  
Conc: 44.69 ng/ml



#11 alpha-Chlordane

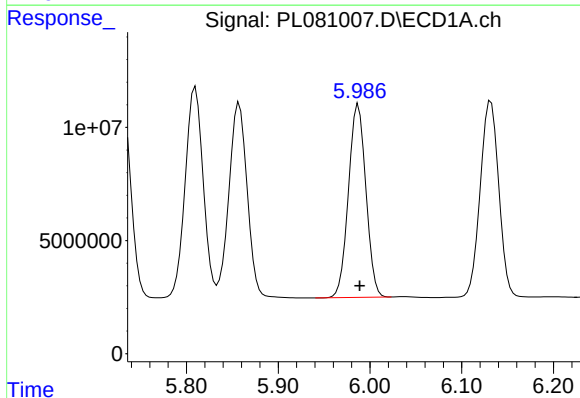
R.T.: 5.810 min  
Delta R.T.: -0.001 min  
Response: 127312465  
Conc: 50.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



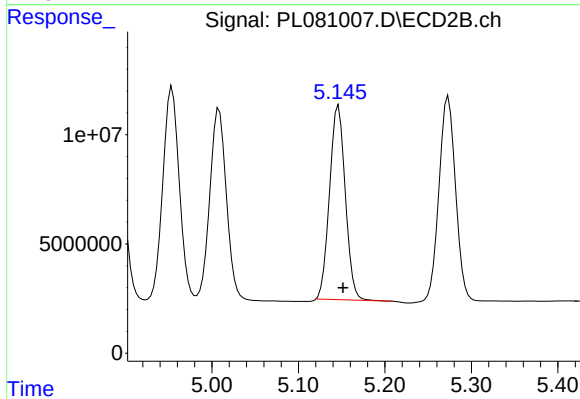
#11 alpha-Chlordane

R.T.: 4.954 min  
Delta R.T.: -0.005 min  
Response: 128771043  
Conc: 44.95 ng/ml



#12 4,4'-DDE

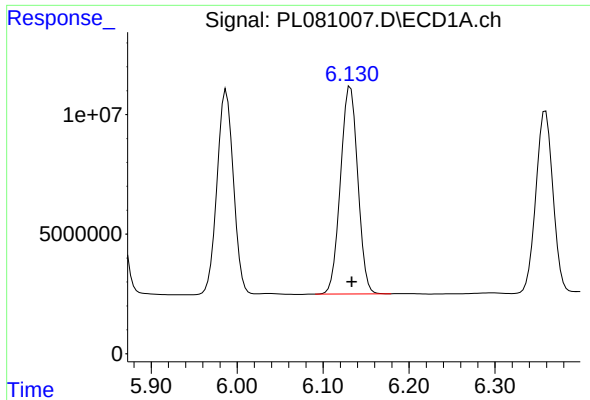
R.T.: 5.987 min  
Delta R.T.: -0.002 min  
Response: 112751592  
Conc: 50.62 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min  
Delta R.T.: -0.005 min  
Response: 112297220  
Conc: 47.61 ng/ml

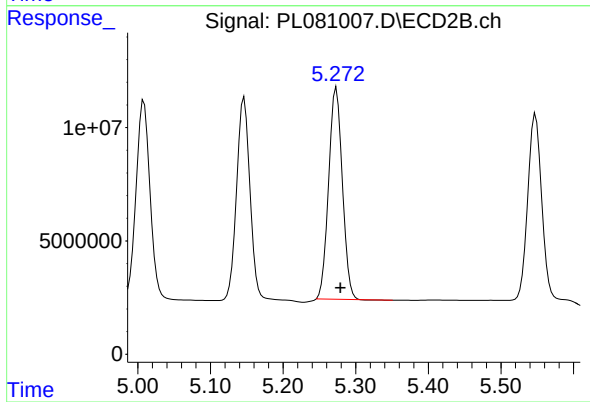




#13 Dieldrin

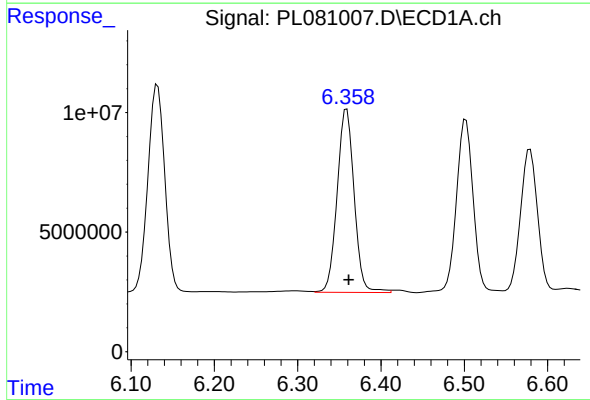
R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 121680460  
Conc: 50.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



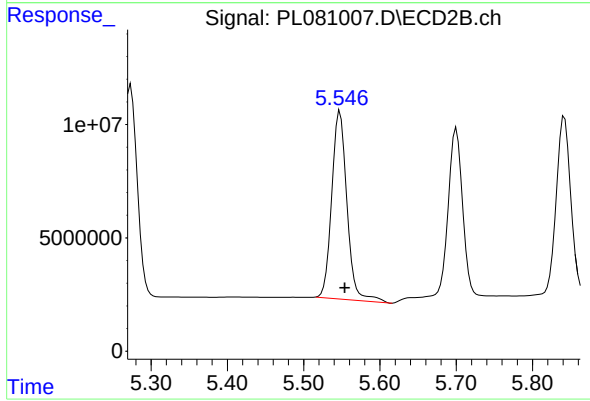
#13 Dieldrin

R.T.: 5.273 min  
Delta R.T.: -0.006 min  
Response: 122921222  
Conc: 45.44 ng/ml



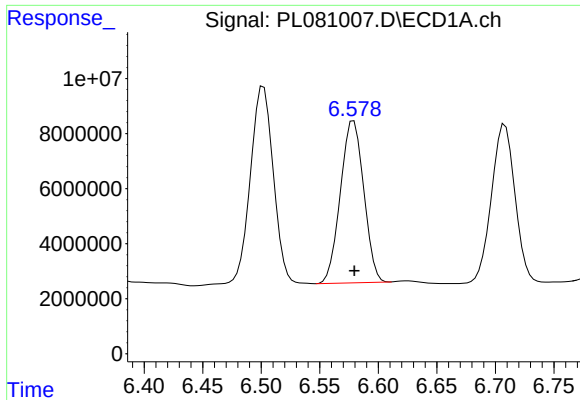
#14 Endrin

R.T.: 6.359 min  
Delta R.T.: -0.002 min  
Response: 108725697  
Conc: 50.27 ng/ml



#14 Endrin

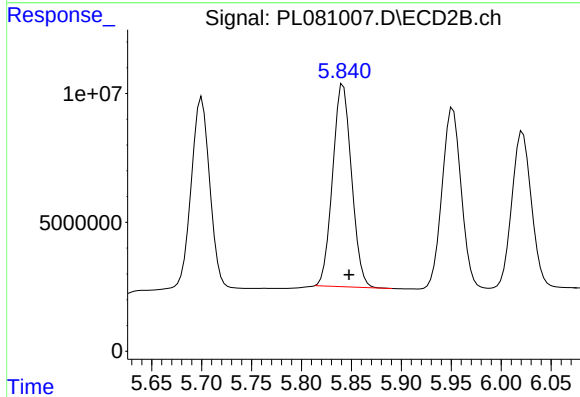
R.T.: 5.548 min  
Delta R.T.: -0.006 min  
Response: 115226490  
Conc: 49.64 ng/ml



#15 Endosulfan II

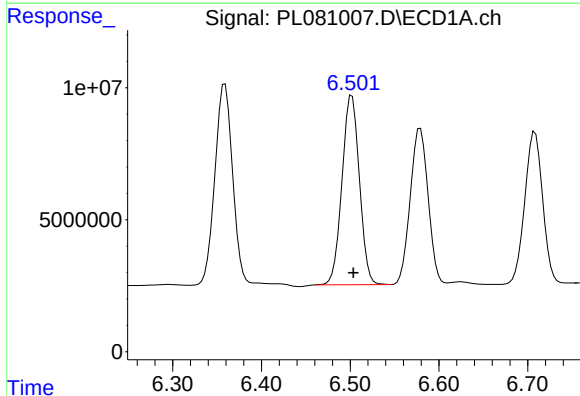
R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 81864553  
Conc: 35.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



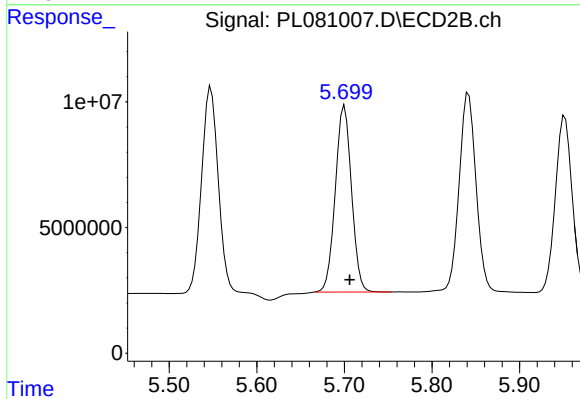
#15 Endosulfan II

R.T.: 5.842 min  
Delta R.T.: -0.006 min  
Response: 103401450  
Conc: 49.62 ng/ml



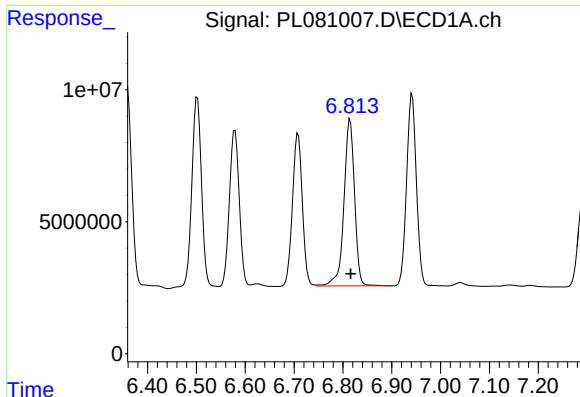
#16 4,4'-DDD

R.T.: 6.502 min  
Delta R.T.: -0.002 min  
Response: 97841561  
Conc: 53.41 ng/ml



#16 4,4'-DDD

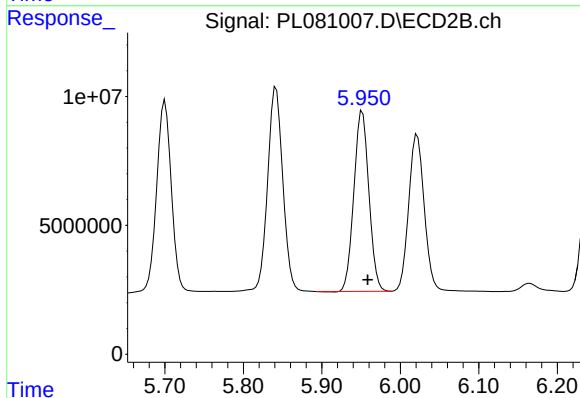
R.T.: 5.700 min  
Delta R.T.: -0.006 min  
Response: 95467583  
Conc: 50.80 ng/ml



#17 4,4'-DDT

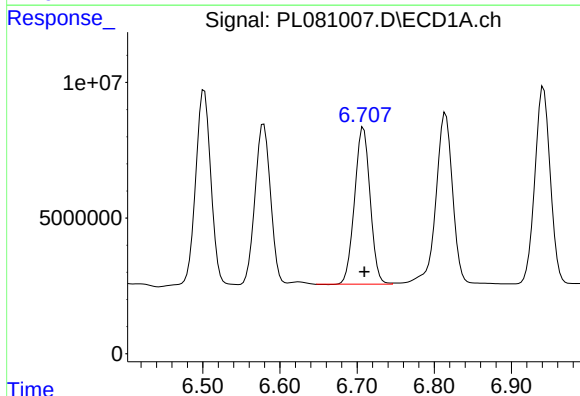
R.T.: 6.815 min  
Delta R.T.: -0.001 min  
Response: 95418743  
Conc: 45.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



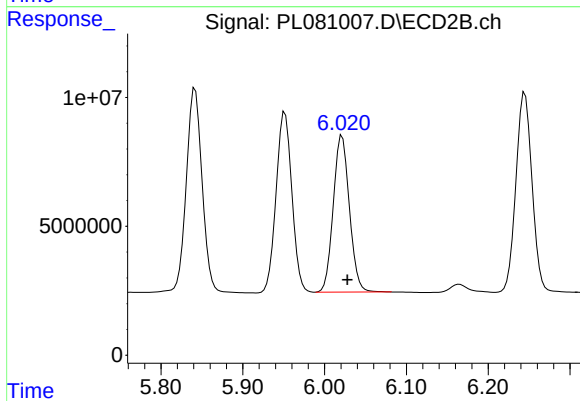
#17 4,4'-DDT

R.T.: 5.952 min  
Delta R.T.: -0.007 min  
Response: 93092732  
Conc: 44.30 ng/ml



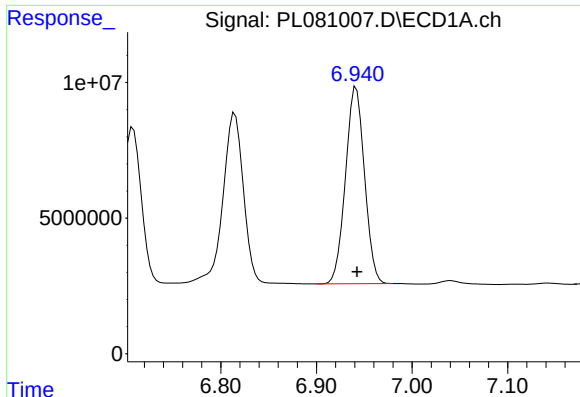
#18 Endrin aldehyde

R.T.: 6.708 min  
Delta R.T.: -0.001 min  
Response: 80964182  
Conc: 48.67 ng/ml



#18 Endrin aldehyde

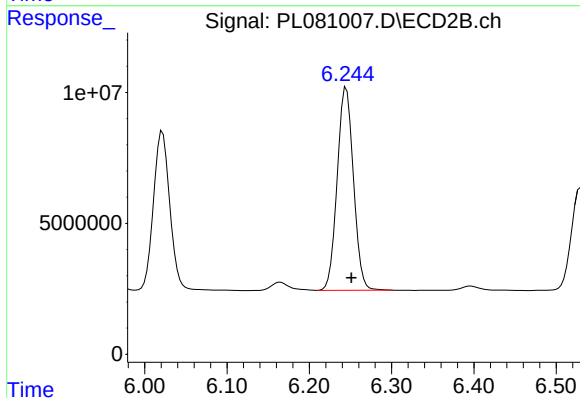
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 83428626  
Conc: 45.69 ng/ml



#19 Endosulfan Sulfate

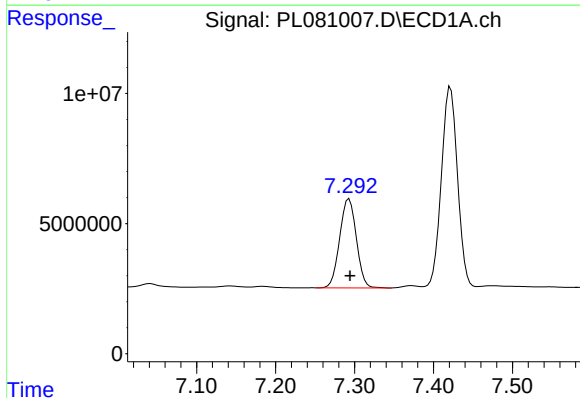
R.T.: 6.942 min  
Delta R.T.: -0.001 min  
Response: 100595136  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



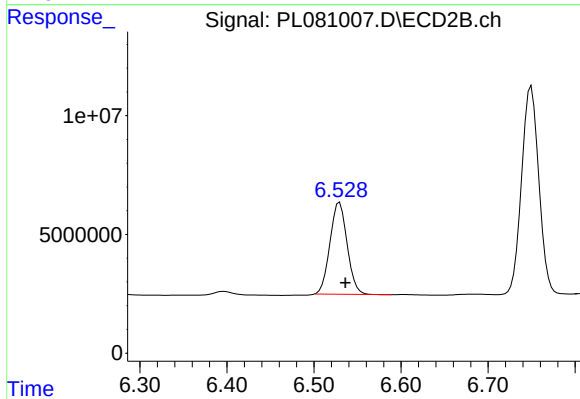
#19 Endosulfan Sulfate

R.T.: 6.245 min  
Delta R.T.: -0.006 min  
Response: 106452894  
Conc: 45.77 ng/ml



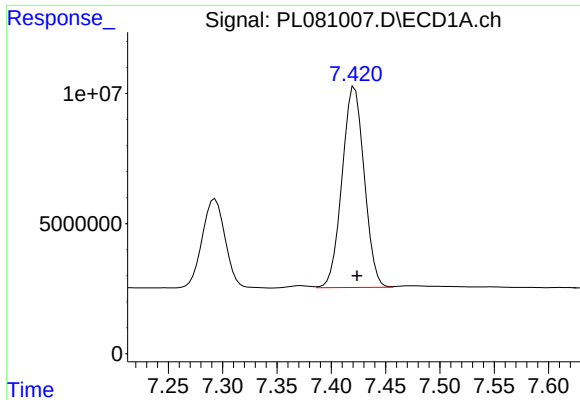
#20 Methoxychlor

R.T.: 7.293 min  
Delta R.T.: -0.001 min  
Response: 50252029  
Conc: 45.55 ng/ml



#20 Methoxychlor

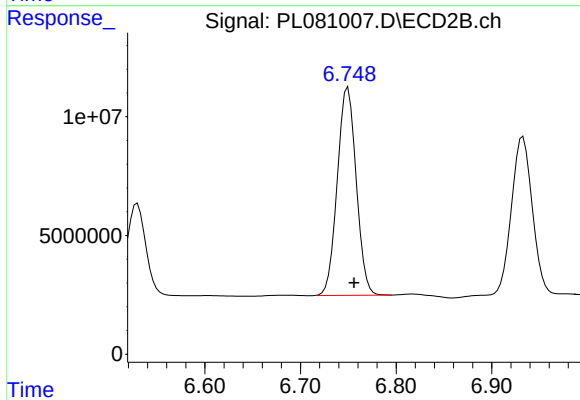
R.T.: 6.529 min  
Delta R.T.: -0.007 min  
Response: 52993634  
Conc: 43.67 ng/ml



#21 Endrin ketone

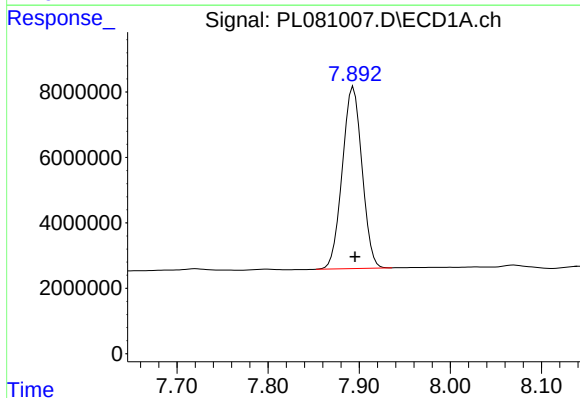
R.T.: 7.422 min  
Delta R.T.: -0.002 min  
Response: 109420102  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



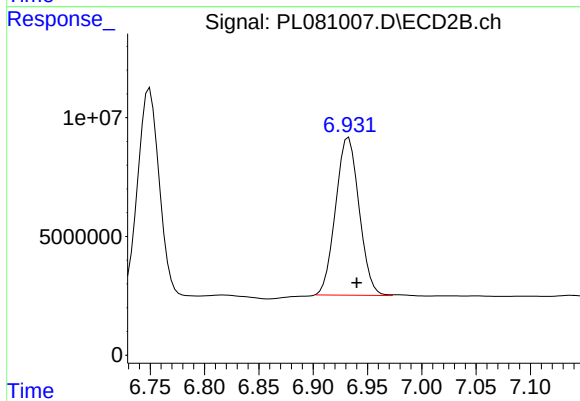
#21 Endrin ketone

R.T.: 6.750 min  
Delta R.T.: -0.006 min  
Response: 120509386  
Conc: 47.20 ng/ml



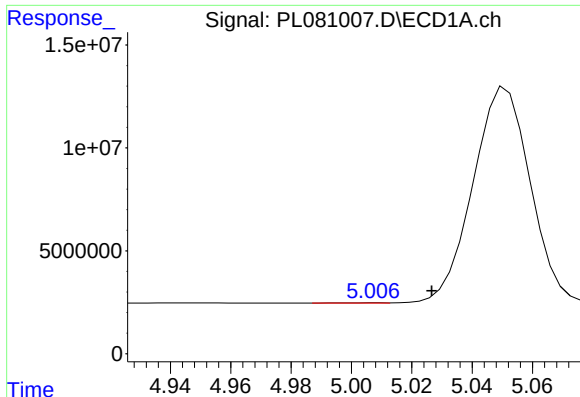
#22 Mirex

R.T.: 7.894 min  
Delta R.T.: -0.002 min  
Response: 83438789  
Conc: 48.52 ng/ml



#22 Mirex

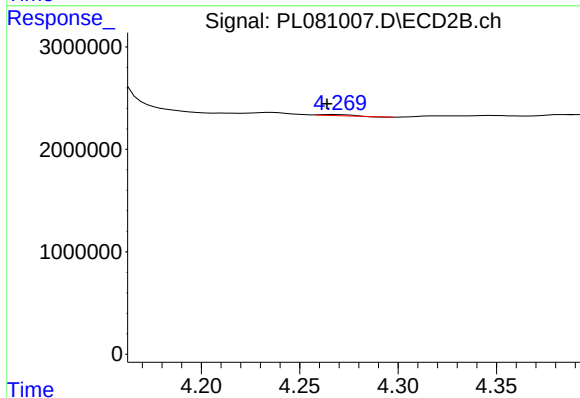
R.T.: 6.933 min  
Delta R.T.: -0.007 min  
Response: 100127621  
Conc: 43.98 ng/ml



#24 Chlordane-2

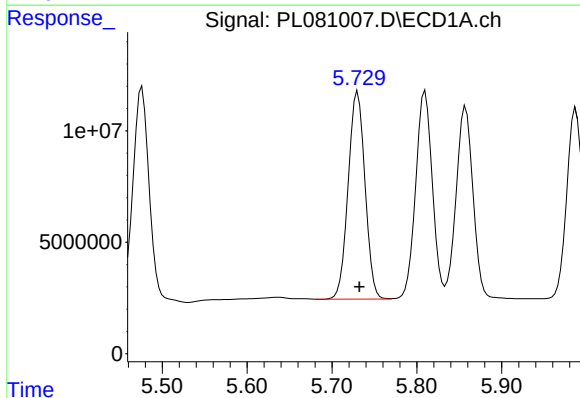
R.T.: 5.008 min  
Delta R.T.: -0.019 min  
Response: 90417  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



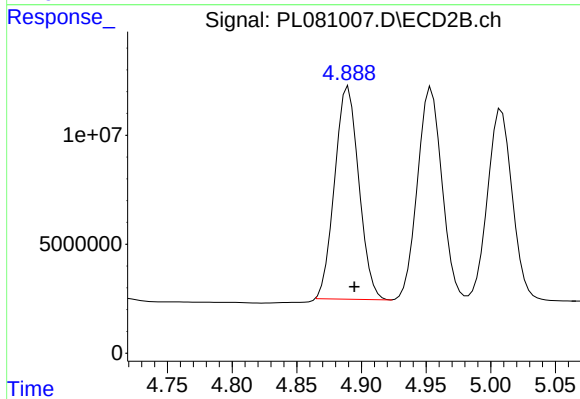
#24 Chlordane-2

R.T.: 4.267 min  
Delta R.T.: 0.003 min  
Response: 116984  
Conc: 1.30 ng/ml



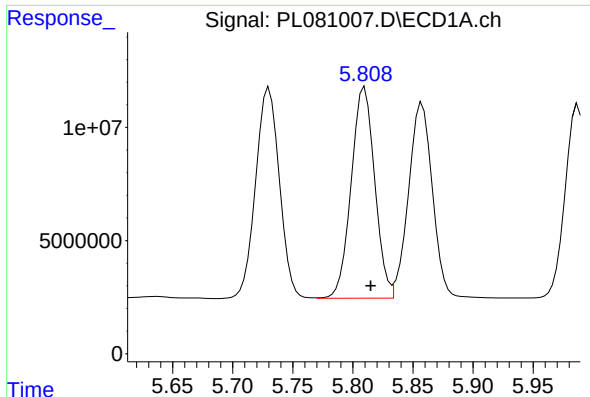
#25 Chlordane-3

R.T.: 5.730 min  
Delta R.T.: -0.002 min  
Response: 128295402  
Conc: 379.67 ng/ml



#25 Chlordane-3

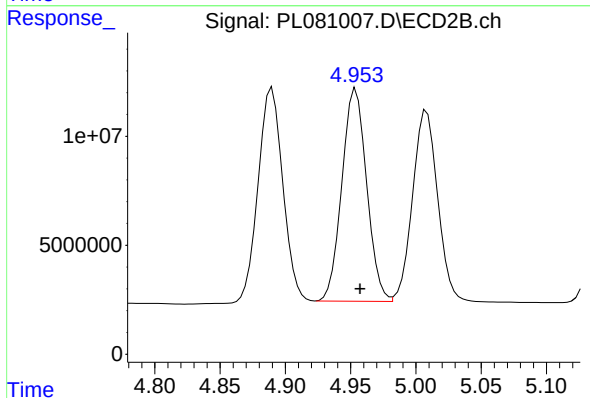
R.T.: 4.890 min  
Delta R.T.: -0.005 min  
Response: 126668960  
Conc: 480.27 ng/ml



#26 Chlordane-4

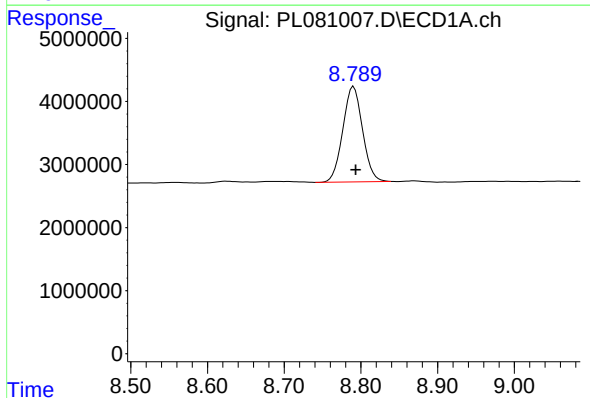
R.T.: 5.810 min  
Delta R.T.: -0.005 min  
Response: 127312465  
Conc: 295.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



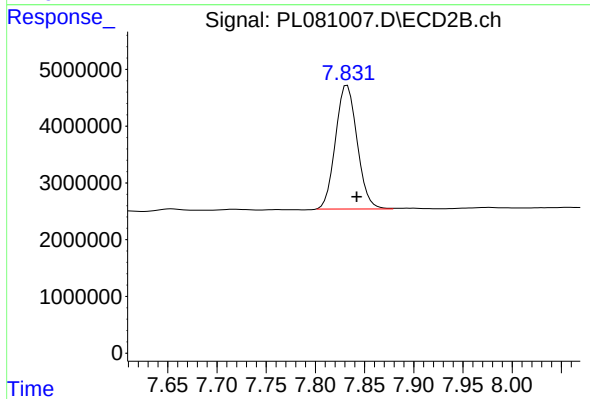
#26 Chlordane-4

R.T.: 4.954 min  
Delta R.T.: -0.003 min  
Response: 128771043  
Conc: 478.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.790 min  
Delta R.T.: -0.003 min  
Response: 27164738  
Conc: 15.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.010 min  
Response: 33410995  
Conc: 14.02 ng/ml