

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020223\  
 Data File : PL080708.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2023 17:06  
 Operator : AR\AJ  
 Sample : PB150628BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB150628BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 02 21:24:11 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... | 3.353  | 2.689  | 46899750 | 46456574 | 21.866  | 21.151   |
| 28)                         | SA Decachlor... | 8.791  | 7.836  | 40461744 | 44863534 | 23.111  | 18.830   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.801  | 3.189  | 22748524 | 22601712 | 7.181   | 7.107    |
| 3)                          | MA gamma-BHC... | 4.130  | 3.514  | 21576594 | 43126161 | 7.340   | 14.436 # |
| 4)                          | MA Heptachlor   | 4.714  | 3.858  | 26711061 | 24911784 | 9.039   | 7.828    |
| 5)                          | MB Aldrin       | 5.052  | 4.137  | 22399053 | 22322373 | 8.187   | 7.568    |
| 6)                          | B beta-BHC      | 4.326  | 3.814  | 11578063 | 12697770 | 8.482   | 9.514    |
| 7)                          | B delta-BHC     | 4.569  | 4.043  | 20183431 | 12551918 | 6.972   | 4.352 #  |
| 8)                          | B Heptachlo...  | 5.476  | 4.639  | 28779737 | 21993816 | 11.124  | 7.905 #  |
| 9)                          | A Endosulfan I  | 5.858  | 5.009  | 18495653 | 19163106 | 7.832   | 7.367    |
| 10)                         | B gamma-Chl...  | 5.731  | 4.891  | 20616191 | 21330488 | 8.162   | 7.526    |
| 11)                         | B alpha-Chl...  | 5.810  | 4.955  | 20522452 | 22382278 | 8.130   | 7.813    |
| 12)                         | B 4,4'-DDE      | 5.988  | 5.147  | 17550257 | 17386552 | 7.879   | 7.371    |
| 13)                         | MA Dieldrin     | 6.132  | 5.274  | 20303397 | 20982422 | 8.483   | 7.757    |
| 14)                         | MA Endrin       | 6.360  | 5.549  | 19464311 | 17402569 | 9.000   | 7.497    |
| 15)                         | B Endosulfa...  | 6.578  | 5.843  | 16910040 | 16921293 | 7.377   | 8.121    |
| 16)                         | A 4,4'-DDD      | 6.503  | 5.701  | 15259144 | 14182134 | 8.329   | 7.547    |
| 17)                         | MA 4,4'-DDT     | 6.815  | 5.953  | 13713094 | 13909555 | 6.600   | 6.619    |
| 18)                         | B Endrin al...  | 6.708  | 6.023  | 14452511 | 15103216 | 8.688   | 8.271    |
| 19)                         | B Endosulfa...  | 6.942  | 6.247  | 15312287 | 16800349 | 7.398   | 7.224    |
| 20)                         | A Methoxychlor  | 7.293  | 6.531  | 8601725  | 8518357  | 7.796   | 7.020    |
| 21)                         | B Endrin ke...  | 7.422  | 6.751  | 19594299 | 19145849 | 8.881   | 7.499    |
| 22)                         | Mirex           | 7.894  | 6.935  | 16845086 | 19125637 | 9.795   | 8.401    |
| 23)                         | Chlordane-1     | 0.000  | 3.687  | 0        | 82626    | N.D.    | 1.015 #  |
| 24)                         | Chlordane-2     | 5.052f | 4.271  | 22399053 | 83364    | 232.236 | 0.925 #  |
| 25)                         | Chlordane-3     | 5.731  | 4.891  | 20616191 | 21330488 | 61.011  | 80.875 # |
| 26)                         | Chlordane-4     | 5.810  | 4.955  | 20522452 | 22382278 | 47.570  | 83.113 # |
| 27)                         | Chlordane-5     | 0.000  | 5.600f | 0        | 25399    | N.D.    | 0.357 #  |
| -----                       |                 |        |        |          |          |         |          |

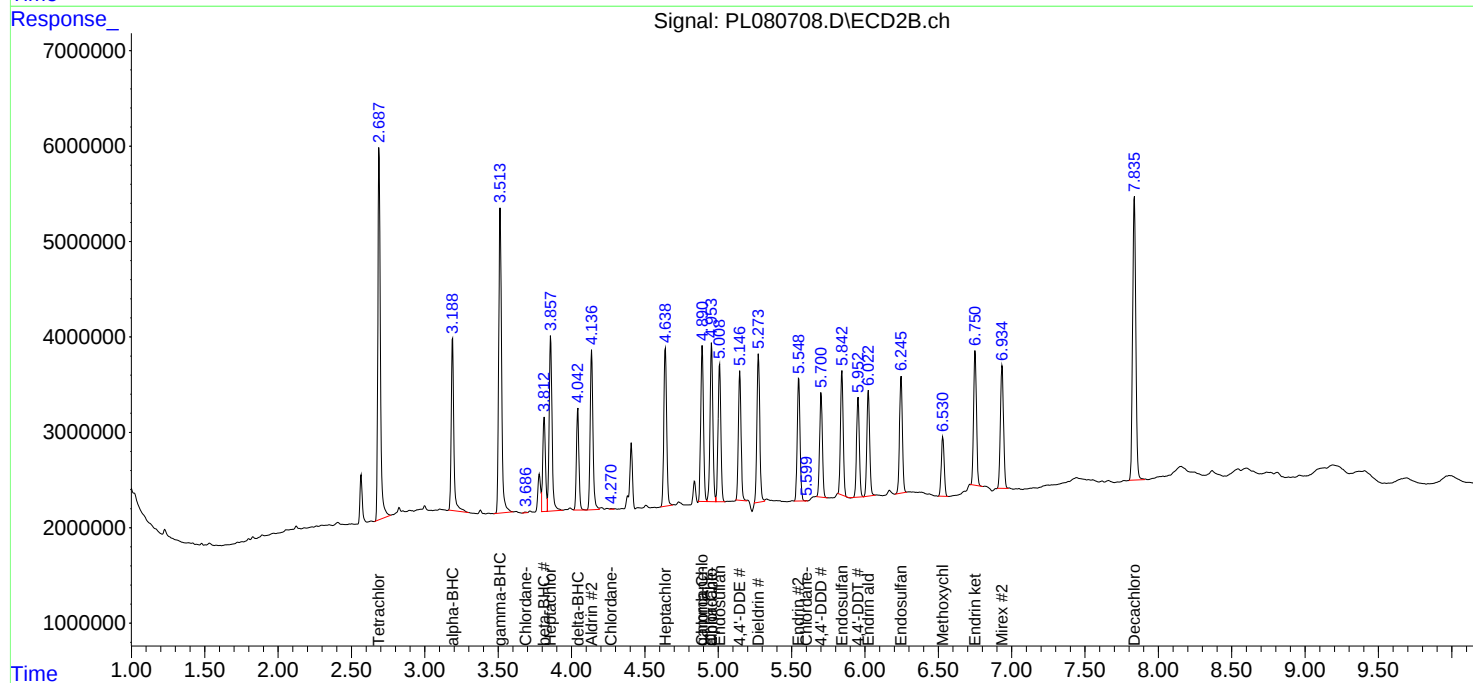
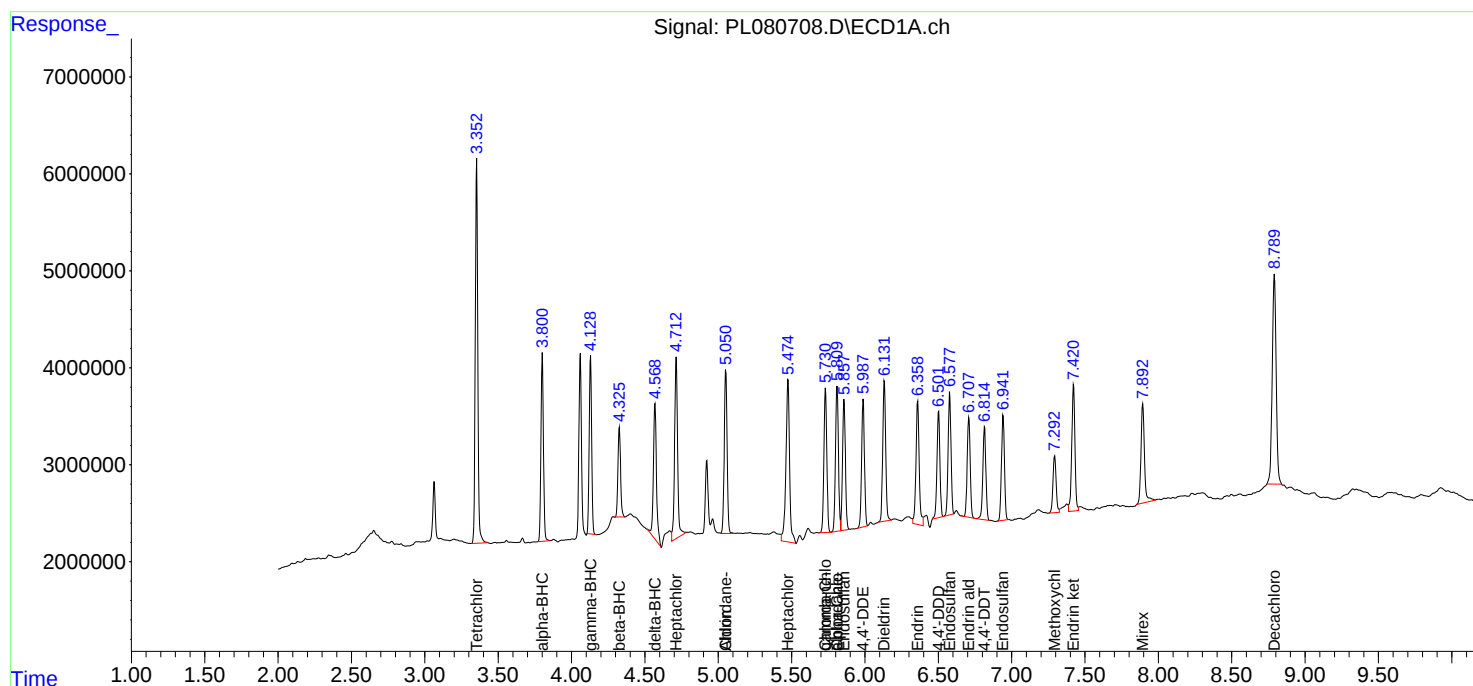
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

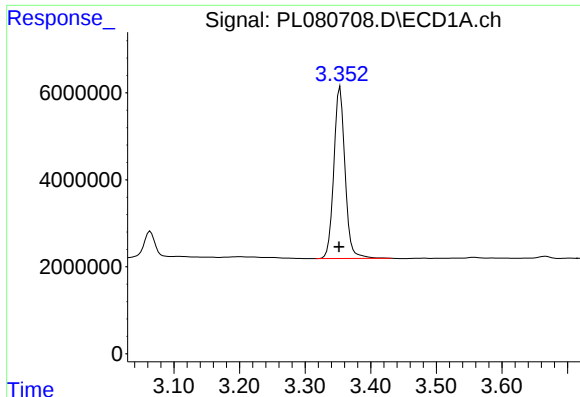
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020223\  
Data File : PL080708.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Feb 2023 17:06  
Operator : AR\AJ  
Sample : PB150628BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 02 21:24:11 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

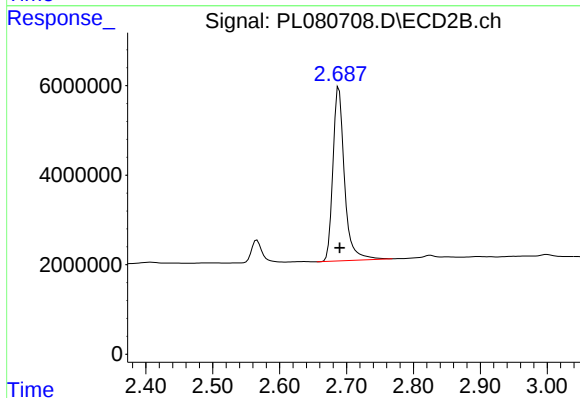




#1 Tetrachloro-m-xylene

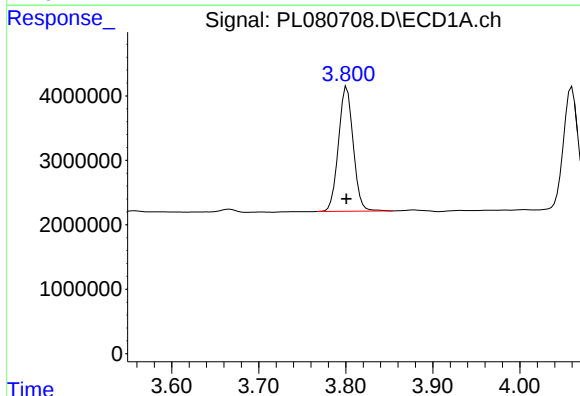
R.T.: 3.353 min  
Delta R.T.: 0.001 min  
Response: 46899750  
Conc: 21.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



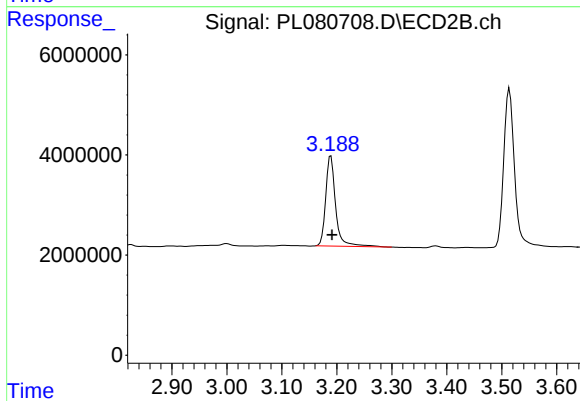
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: -0.001 min  
Response: 46456574  
Conc: 21.15 ng/ml



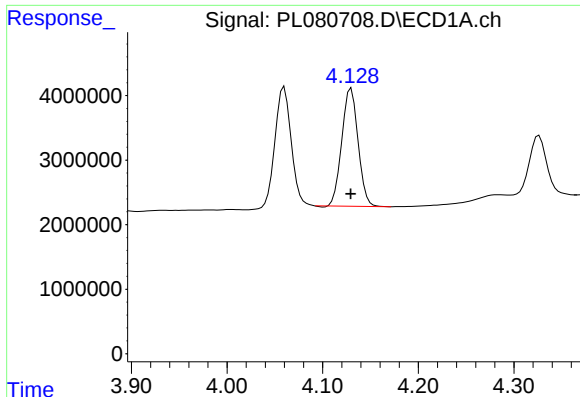
#2 alpha-BHC

R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 22748524  
Conc: 7.18 ng/ml



#2 alpha-BHC

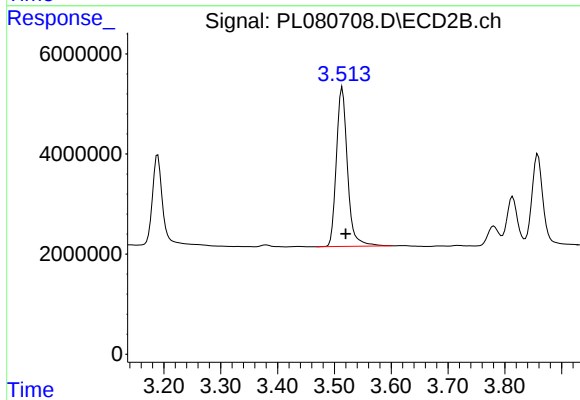
R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 22601712  
Conc: 7.11 ng/ml



#3 gamma-BHC (Lindane)

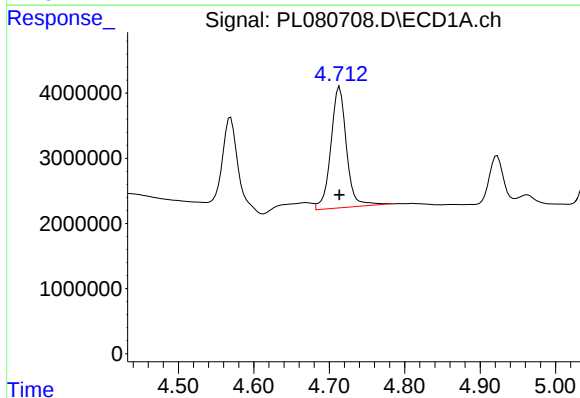
R.T.: 4.130 min  
Delta R.T.: 0.000 min  
Response: 21576594  
Conc: 7.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



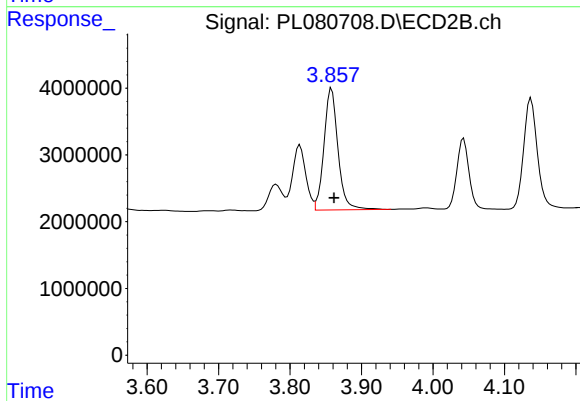
#3 gamma-BHC (Lindane)

R.T.: 3.514 min  
Delta R.T.: -0.006 min  
Response: 43126161  
Conc: 14.44 ng/ml



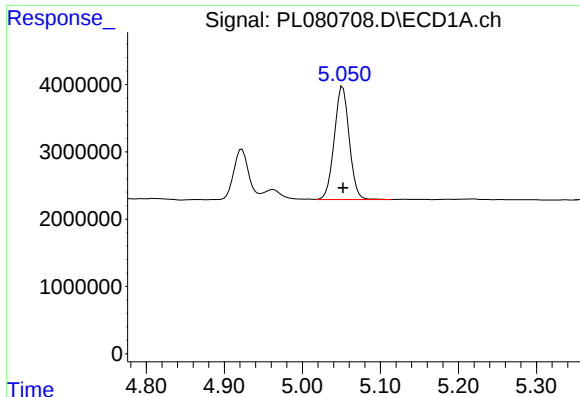
#4 Heptachlor

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 26711061  
Conc: 9.04 ng/ml



#4 Heptachlor

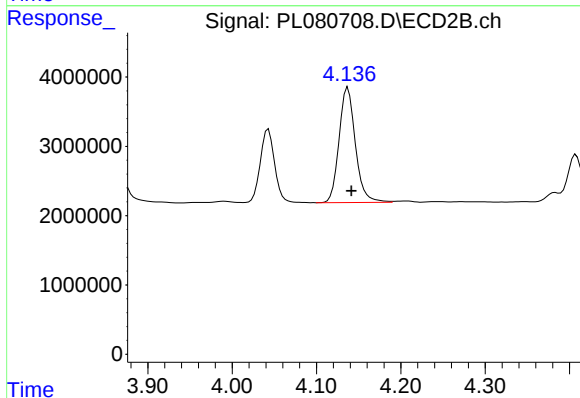
R.T.: 3.858 min  
Delta R.T.: -0.003 min  
Response: 24911784  
Conc: 7.83 ng/ml



#5 Aldrin

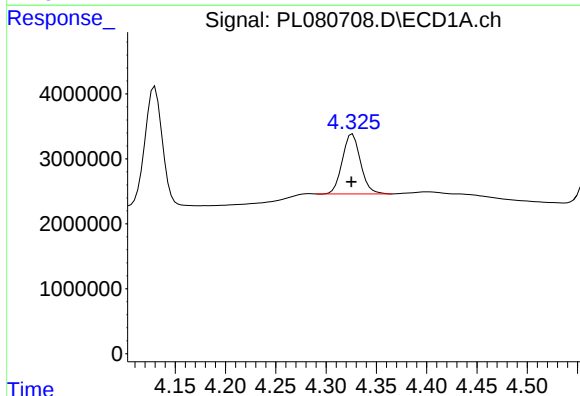
R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 22399053  
Conc: 8.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



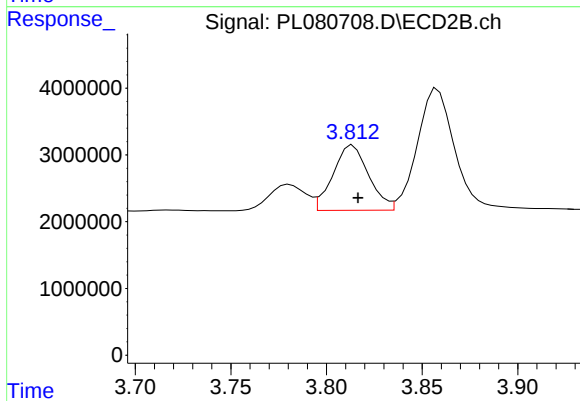
#5 Aldrin

R.T.: 4.137 min  
Delta R.T.: -0.004 min  
Response: 22322373  
Conc: 7.57 ng/ml



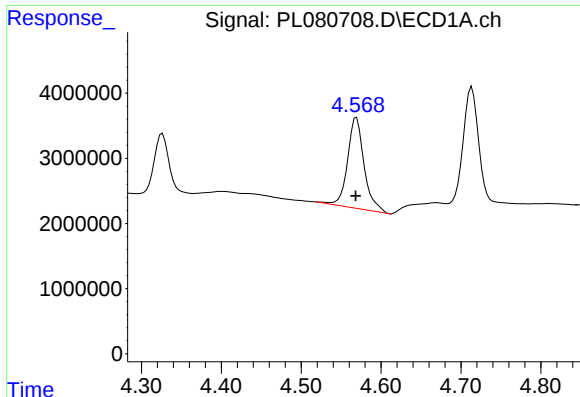
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.001 min  
Response: 11578063  
Conc: 8.48 ng/ml



#6 beta-BHC

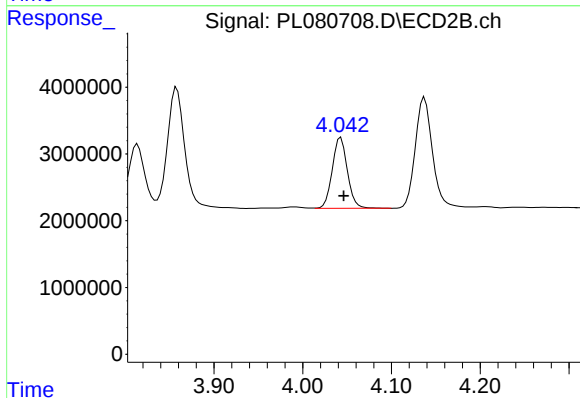
R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 12697770  
Conc: 9.51 ng/ml



#7 delta-BHC

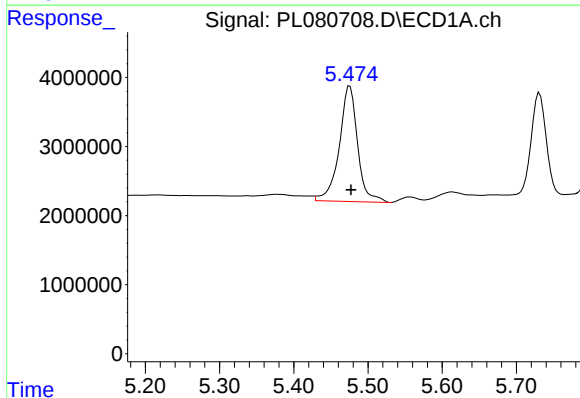
R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 20183431  
Conc: 6.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



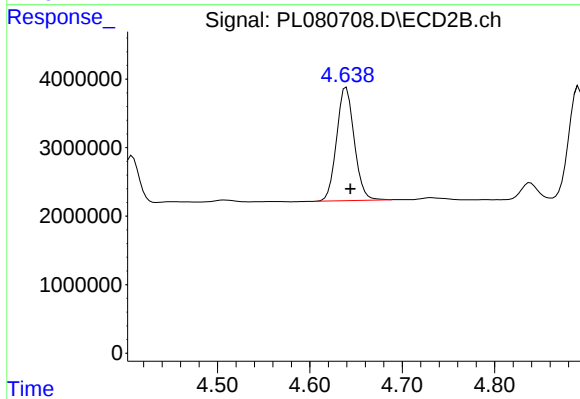
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.003 min  
Response: 12551918  
Conc: 4.35 ng/ml



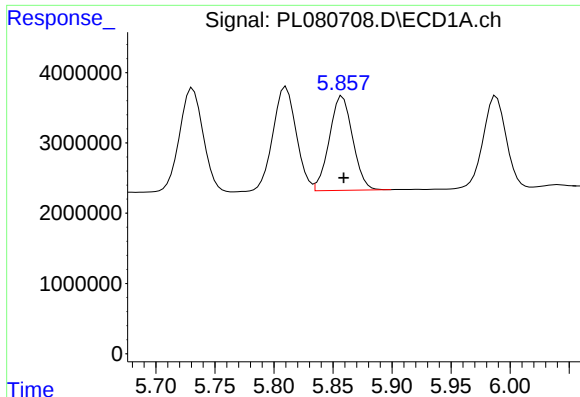
#8 Heptachlor epoxide

R.T.: 5.476 min  
Delta R.T.: -0.002 min  
Response: 28779737  
Conc: 11.12 ng/ml



#8 Heptachlor epoxide

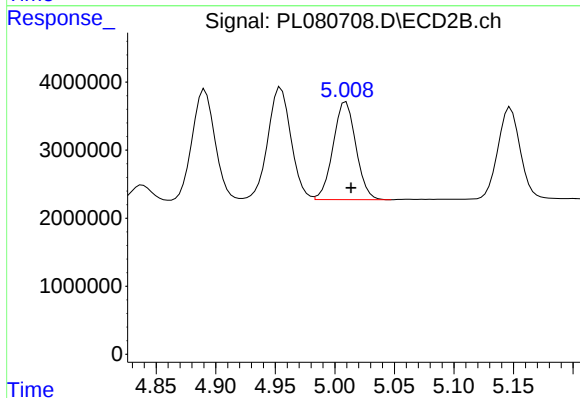
R.T.: 4.639 min  
Delta R.T.: -0.004 min  
Response: 21993816  
Conc: 7.90 ng/ml



#9 Endosulfan I

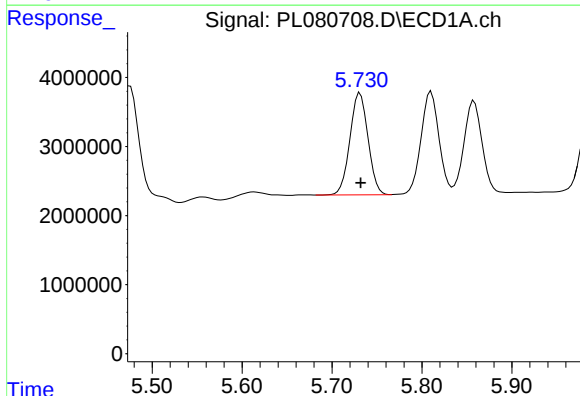
R.T.: 5.858 min  
Delta R.T.: -0.001 min  
Response: 18495653  
Conc: 7.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



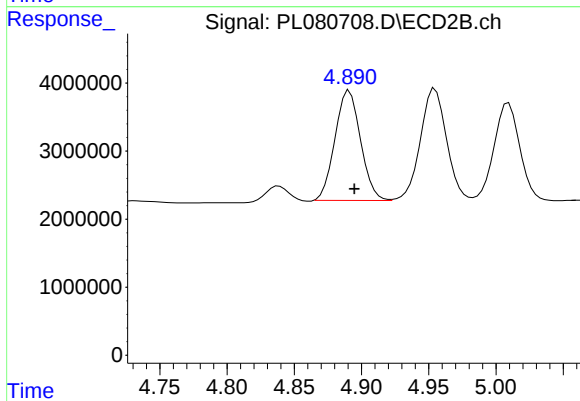
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: -0.004 min  
Response: 19163106  
Conc: 7.37 ng/ml



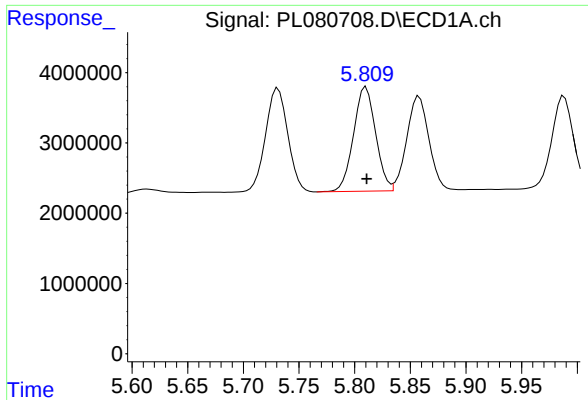
#10 gamma-Chlordane

R.T.: 5.731 min  
Delta R.T.: 0.000 min  
Response: 20616191  
Conc: 8.16 ng/ml



#10 gamma-Chlordane

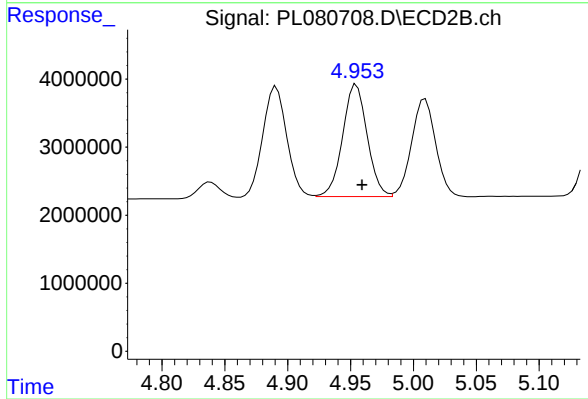
R.T.: 4.891 min  
Delta R.T.: -0.004 min  
Response: 21330488  
Conc: 7.53 ng/ml



#11 alpha-Chlordane

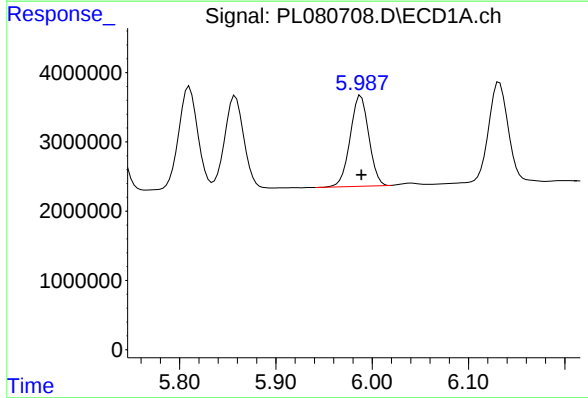
R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 20522452  
Conc: 8.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



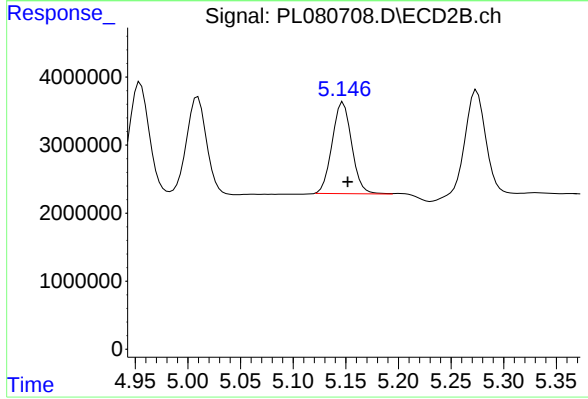
#11 alpha-Chlordane

R.T.: 4.955 min  
Delta R.T.: -0.004 min  
Response: 22382278  
Conc: 7.81 ng/ml



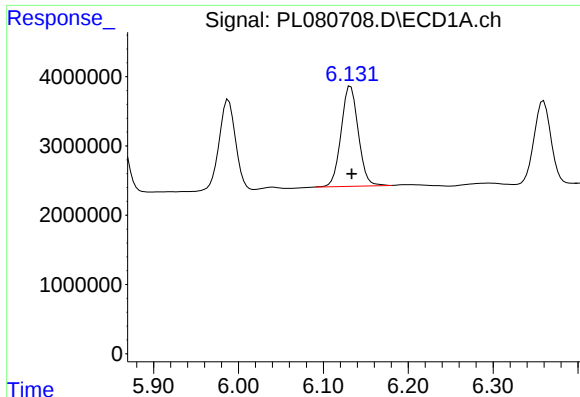
#12 4,4'-DDE

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 17550257  
Conc: 7.88 ng/ml



#12 4,4'-DDE

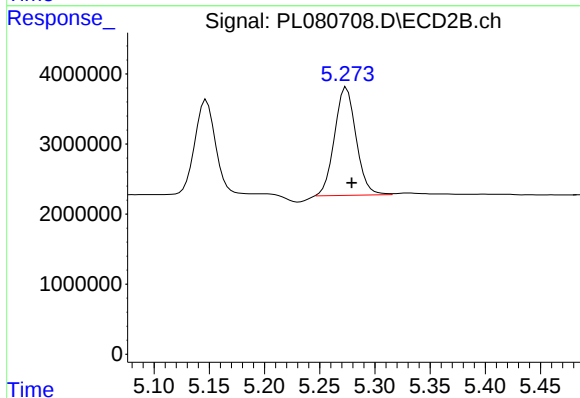
R.T.: 5.147 min  
Delta R.T.: -0.004 min  
Response: 17386552  
Conc: 7.37 ng/ml



#13 Dieldrin

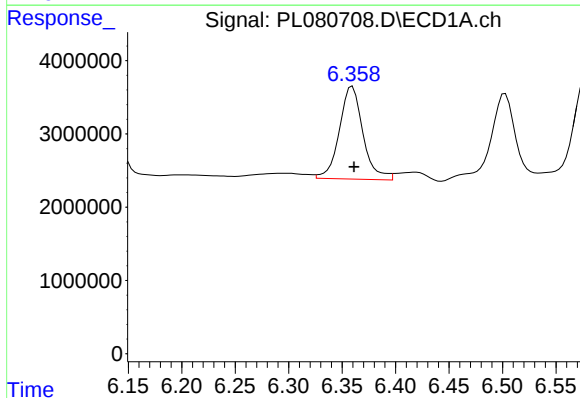
R.T.: 6.132 min  
Delta R.T.: -0.001 min  
Response: 20303397  
Conc: 8.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



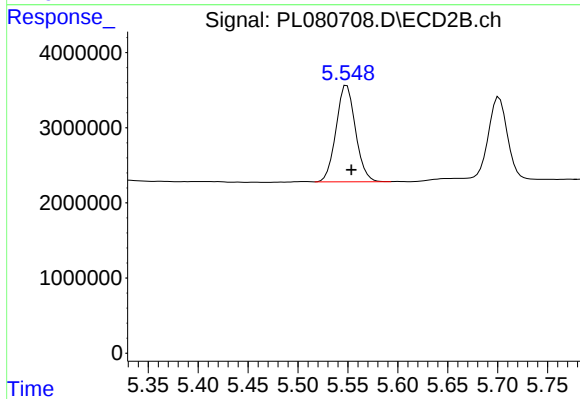
#13 Dieldrin

R.T.: 5.274 min  
Delta R.T.: -0.005 min  
Response: 20982422  
Conc: 7.76 ng/ml



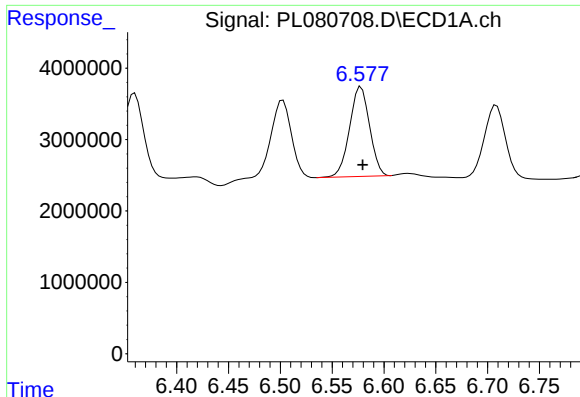
#14 Endrin

R.T.: 6.360 min  
Delta R.T.: -0.002 min  
Response: 19464311  
Conc: 9.00 ng/ml



#14 Endrin

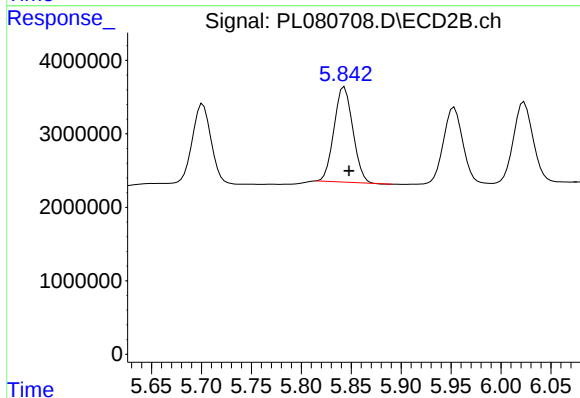
R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 17402569  
Conc: 7.50 ng/ml



#15 Endosulfan II

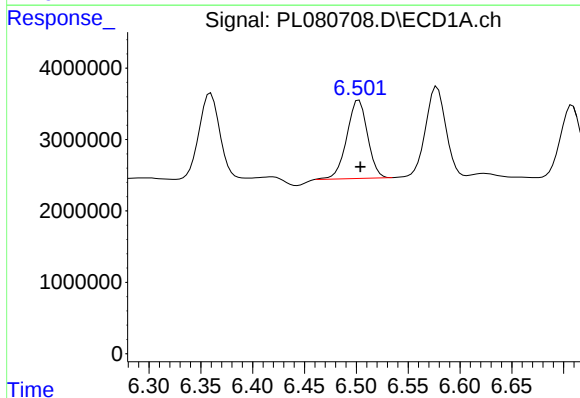
R.T.: 6.578 min  
Delta R.T.: -0.002 min  
Response: 16910040  
Conc: 7.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



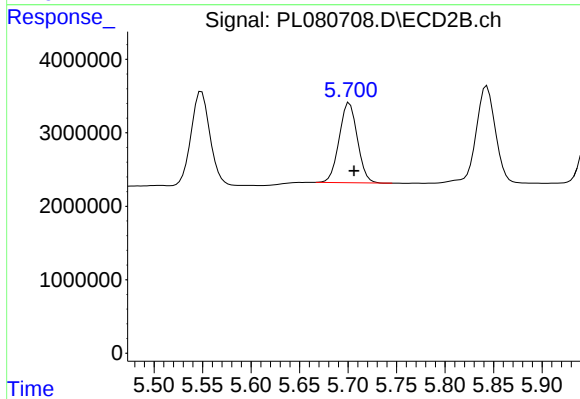
#15 Endosulfan II

R.T.: 5.843 min  
Delta R.T.: -0.005 min  
Response: 16921293  
Conc: 8.12 ng/ml



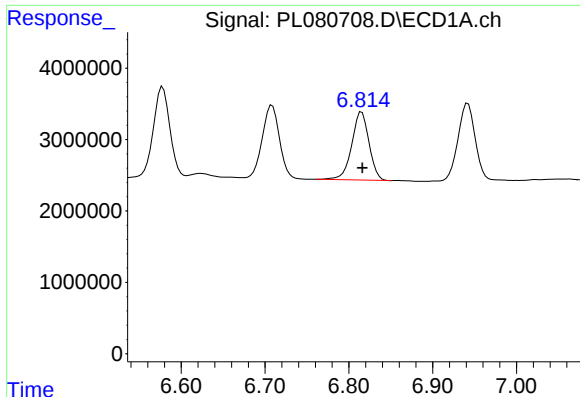
#16 4,4'-DDD

R.T.: 6.503 min  
Delta R.T.: -0.001 min  
Response: 15259144  
Conc: 8.33 ng/ml



#16 4,4'-DDD

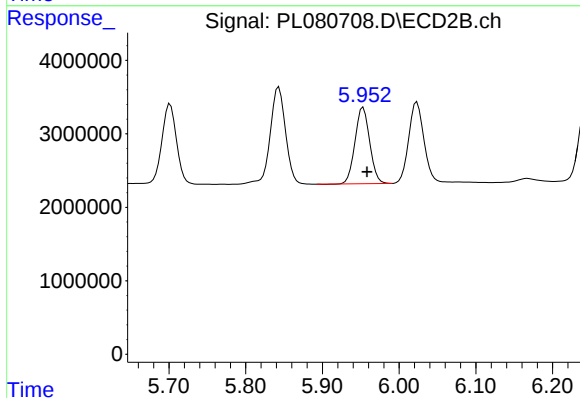
R.T.: 5.701 min  
Delta R.T.: -0.005 min  
Response: 14182134  
Conc: 7.55 ng/ml



#17 4,4'-DDT

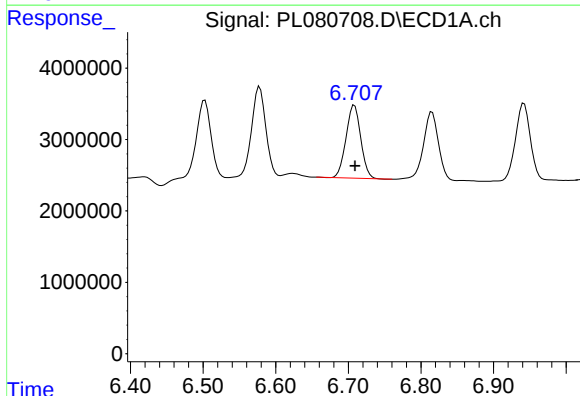
R.T.: 6.815 min  
Delta R.T.: 0.000 min  
Response: 13713094  
Conc: 6.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



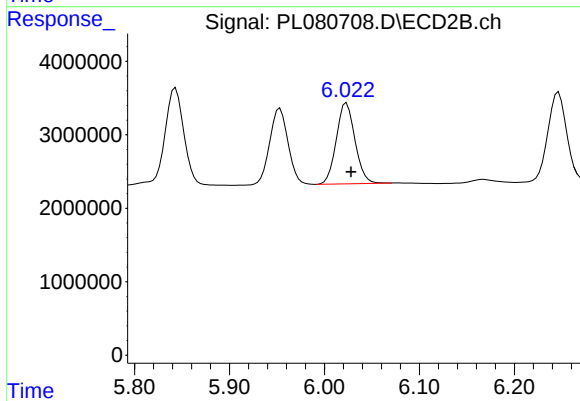
#17 4,4'-DDT

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 13909555  
Conc: 6.62 ng/ml



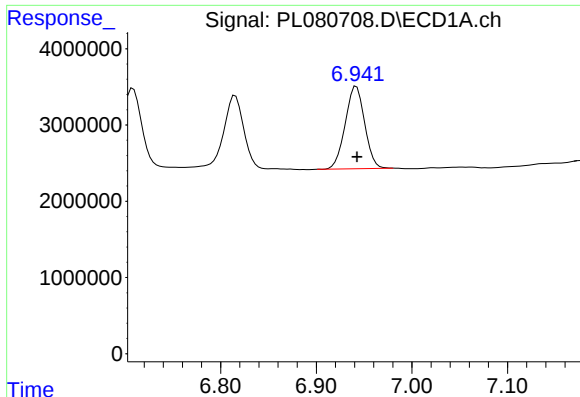
#18 Endrin aldehyde

R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 14452511  
Conc: 8.69 ng/ml



#18 Endrin aldehyde

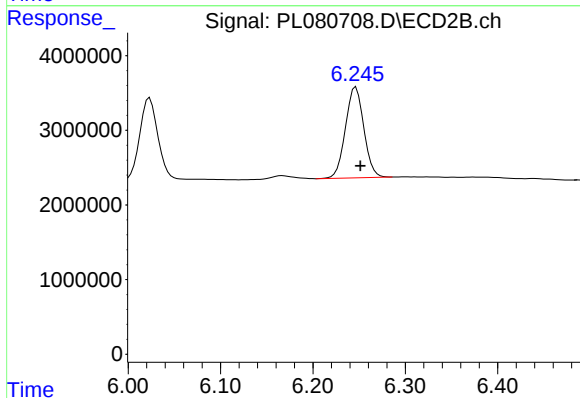
R.T.: 6.023 min  
Delta R.T.: -0.005 min  
Response: 15103216  
Conc: 8.27 ng/ml



#19 Endosulfan Sulfate

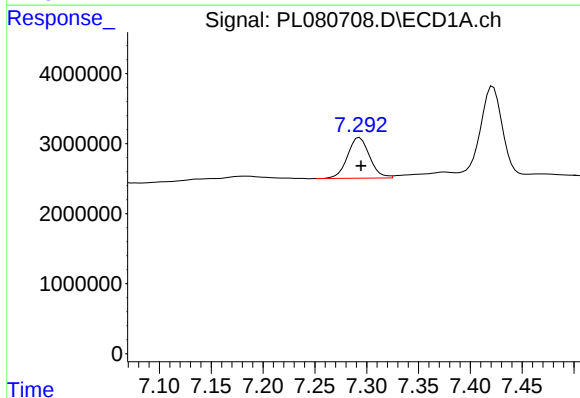
R.T.: 6.942 min  
Delta R.T.: 0.000 min  
Response: 15312287  
Conc: 7.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



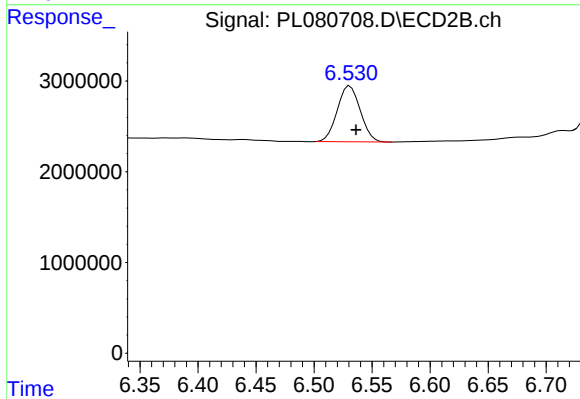
#19 Endosulfan Sulfate

R.T.: 6.247 min  
Delta R.T.: -0.005 min  
Response: 16800349  
Conc: 7.22 ng/ml



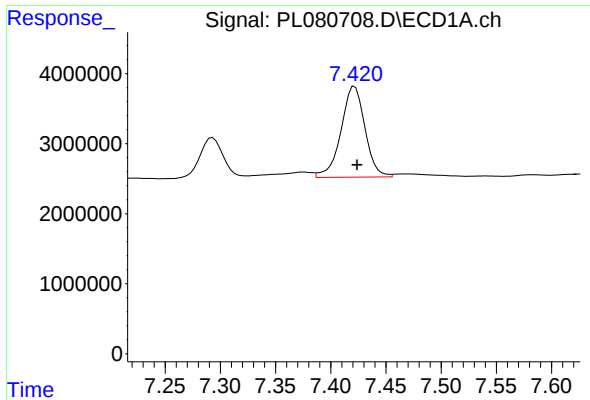
#20 Methoxychlor

R.T.: 7.293 min  
Delta R.T.: -0.001 min  
Response: 8601725  
Conc: 7.80 ng/ml



#20 Methoxychlor

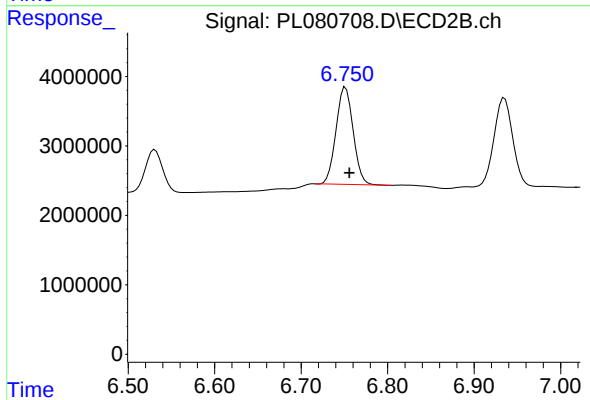
R.T.: 6.531 min  
Delta R.T.: -0.005 min  
Response: 8518357  
Conc: 7.02 ng/ml



#21 Endrin ketone

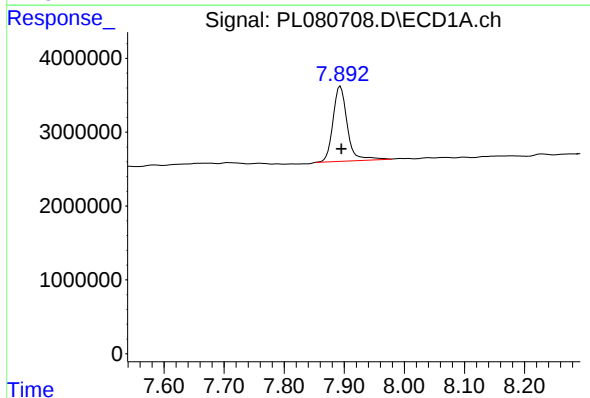
R.T.: 7.422 min  
Delta R.T.: -0.002 min  
Response: 19594299  
Conc: 8.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



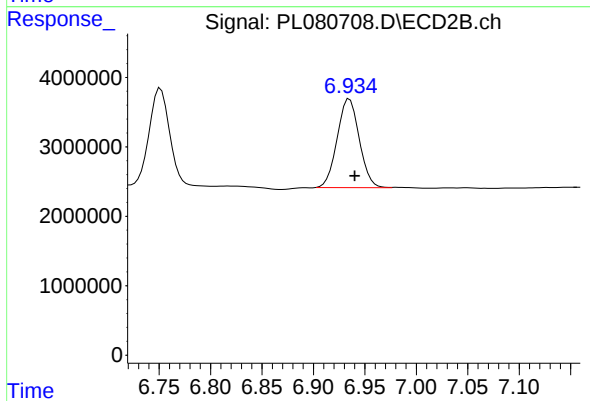
#21 Endrin ketone

R.T.: 6.751 min  
Delta R.T.: -0.005 min  
Response: 19145849  
Conc: 7.50 ng/ml



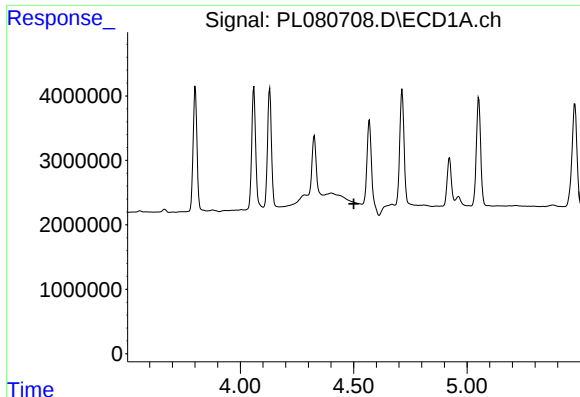
#22 Mirex

R.T.: 7.894 min  
Delta R.T.: -0.002 min  
Response: 16845086  
Conc: 9.79 ng/ml



#22 Mirex

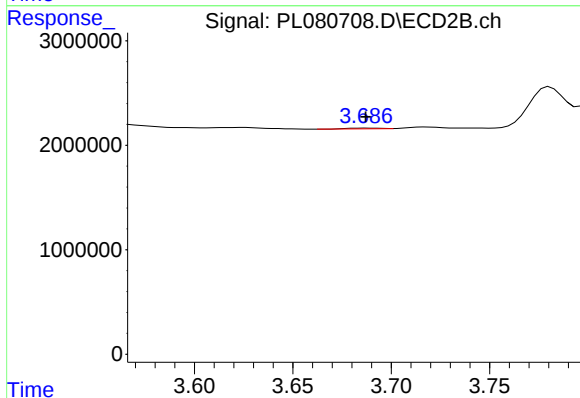
R.T.: 6.935 min  
Delta R.T.: -0.005 min  
Response: 19125637  
Conc: 8.40 ng/ml



#23 Chlordane-1

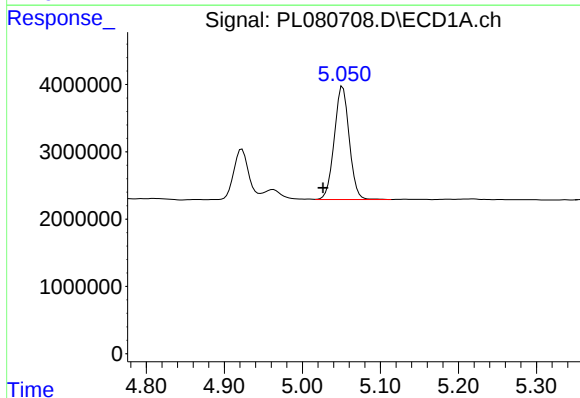
R.T.: 0.000 min  
Exp R.T.: 4.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



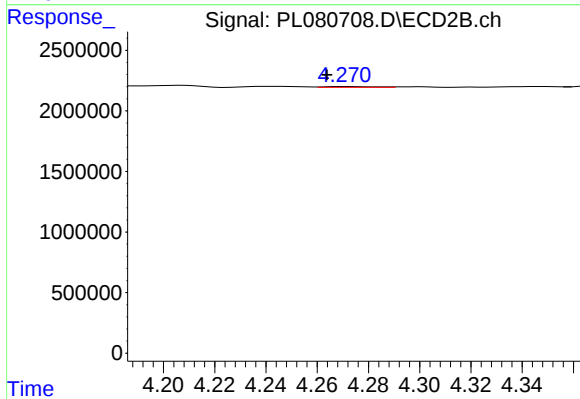
#23 Chlordane-1

R.T.: 3.687 min  
Delta R.T.: 0.000 min  
Response: 82626  
Conc: 1.01 ng/ml



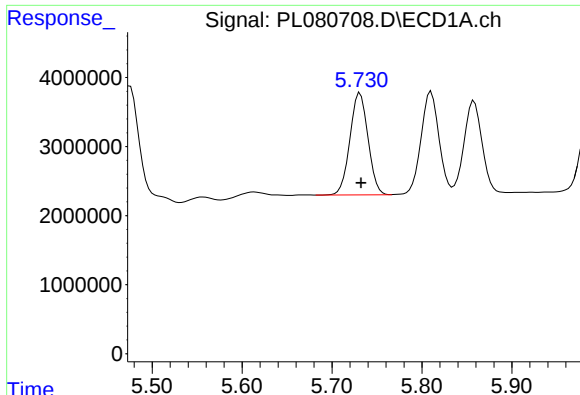
#24 Chlordane-2

R.T.: 5.052 min  
Delta R.T.: 0.025 min  
Response: 22399053  
Conc: 232.24 ng/ml



#24 Chlordane-2

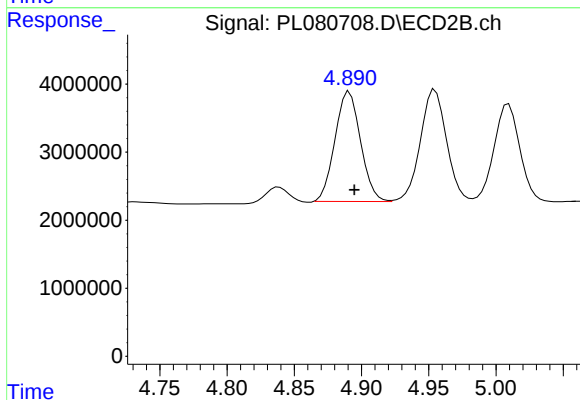
R.T.: 4.271 min  
Delta R.T.: 0.007 min  
Response: 83364  
Conc: 0.92 ng/ml



#25 Chlordane-3

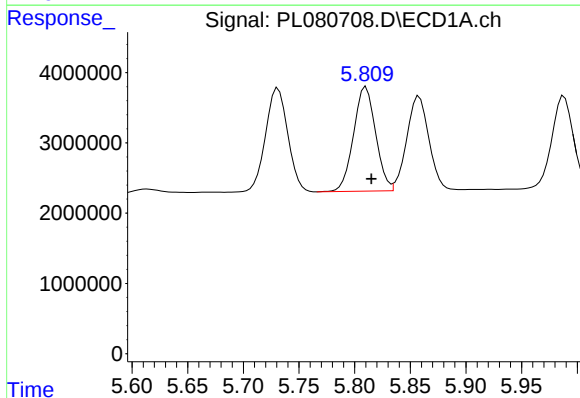
R.T.: 5.731 min  
Delta R.T.: -0.001 min  
Response: 20616191  
Conc: 61.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



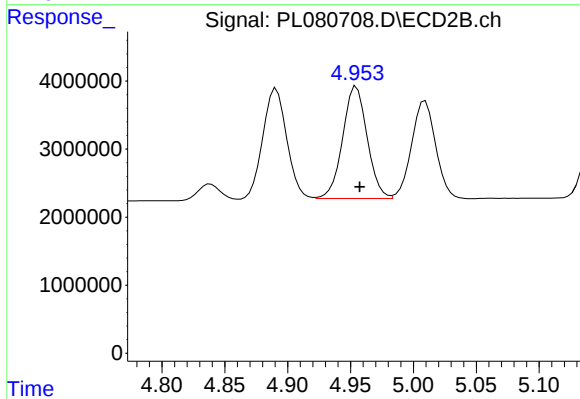
#25 Chlordane-3

R.T.: 4.891 min  
Delta R.T.: -0.004 min  
Response: 21330488  
Conc: 80.88 ng/ml



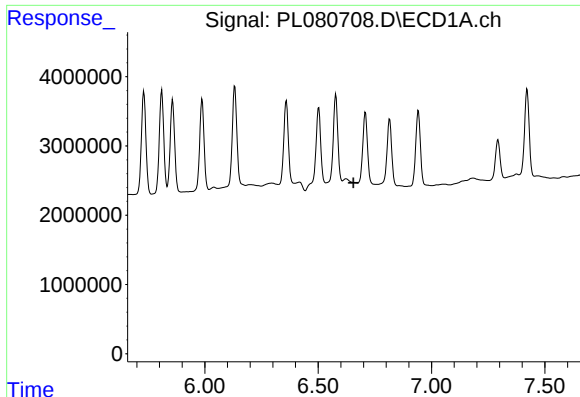
#26 Chlordane-4

R.T.: 5.810 min  
Delta R.T.: -0.005 min  
Response: 20522452  
Conc: 47.57 ng/ml



#26 Chlordane-4

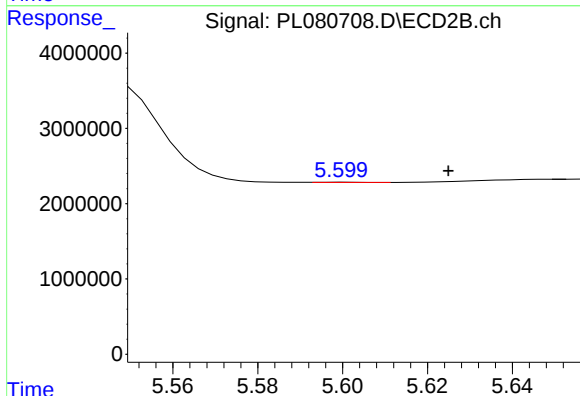
R.T.: 4.955 min  
Delta R.T.: -0.003 min  
Response: 22382278  
Conc: 83.11 ng/ml



#27 Chlordane-5

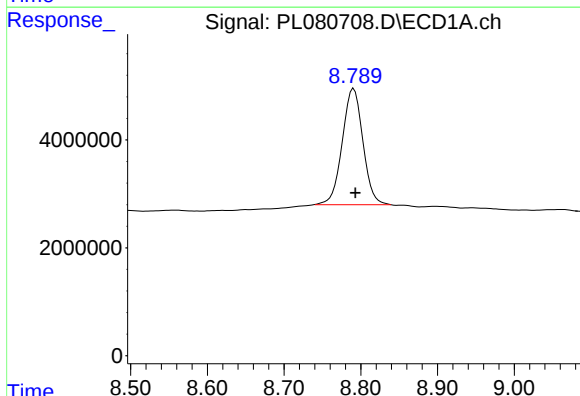
R.T.: 0.000 min  
Exp R.T.: 6.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB150628BS



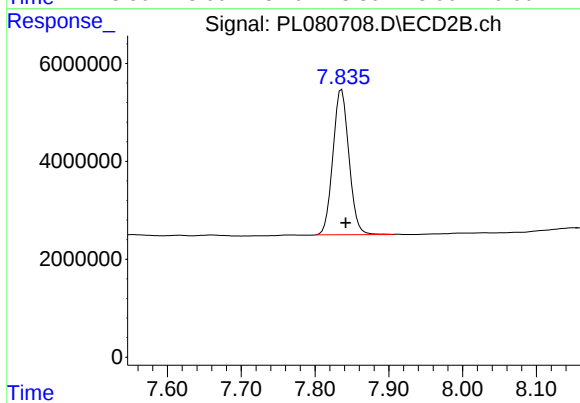
#27 Chlordane-5

R.T.: 5.600 min  
Delta R.T.: -0.025 min  
Response: 25399  
Conc: 0.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.002 min  
Response: 40461744  
Conc: 23.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.836 min  
Delta R.T.: -0.006 min  
Response: 44863534  
Conc: 18.83 ng/ml