

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081723\  
 Data File : PL084804.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2023 11:10  
 Operator : AR\AJ  
 Sample : PB154721BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 22:20:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.476  | 2.685 | 46307103 | 21912787 | 19.930  | 20.151    |
| 2)                          | SA Decachlor... | 9.026  | 7.865 | 34769666 | 25352550 | 21.369  | 20.334    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.934  | 3.189 | 33037222 | 15684545 | 10.007  | 10.158    |
| 3)                          | MA gamma-BHC... | 4.268  | 3.520 | 31761720 | 15248604 | 9.957   | 10.035    |
| 4)                          | MA Heptachlor   | 4.860  | 3.861 | 42978053 | 15367577 | 12.780  | 10.791    |
| 5)                          | MB Aldrin       | 5.203  | 4.141 | 33130550 | 14683441 | 10.023  | 10.103    |
| 6)                          | B beta-BHC      | 4.468  | 3.822 | 16697507 | 7750051  | 11.953  | 11.567    |
| 7)                          | B delta-BHC     | 4.714  | 4.050 | 37507688 | 15133744 | 11.631  | 9.968     |
| 8)                          | B Heptachlo...  | 5.633  | 4.647 | 39630781 | 14248396 | 13.155  | 10.739    |
| 9)                          | A Endosulfan I  | 6.019  | 5.017 | 28648924 | 13719936 | 10.884  | 11.071    |
| 10)                         | B gamma-Chl...  | 5.891  | 4.900 | 30923650 | 14884870 | 10.799  | 10.975    |
| 11)                         | B alpha-Chl...  | 5.970  | 4.964 | 30527071 | 15169641 | 10.813  | 11.134    |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.162 | 24299819 | 12546022 | 10.587  | 10.188    |
| 13)                         | MA Dieldrin     | 6.296  | 5.284 | 26849785 | 14255773 | 10.160  | 10.499    |
| 14)                         | MA Endrin       | 6.525  | 5.559 | 21948754 | 12477492 | 10.064  | 10.201    |
| 15)                         | B Endosulfa...  | 6.746  | 5.857 | 21505039 | 12084860 | 10.168  | 10.016    |
| 16)                         | A 4,4'-DDD      | 6.668  | 5.720 | 19234637 | 11085490 | 11.472  | 10.729    |
| 17)                         | MA 4,4'-DDT     | 6.984  | 5.972 | 20347213 | 11485960 | 10.859  | 9.897     |
| 18)                         | B Endrin al...  | 6.877  | 6.038 | 17558945 | 10007286 | 10.409  | 10.091    |
| 19)                         | B Endosulfa...  | 7.113  | 6.263 | 22067692 | 13086547 | 11.047  | 11.005    |
| 20)                         | A Methoxychlor  | 7.465  | 6.556 | 10180825 | 7078125  | 10.608  | 10.316    |
| 21)                         | B Endrin ke...  | 7.597  | 6.768 | 21796279 | 13997320 | 10.896  | 9.701     |
| 22)                         | Mirex           | 8.073  | 6.949 | 19616884 | 13588440 | 11.812  | 11.782    |
| 24)                         | Chlordane-2     | 5.203f | 4.271 | 33130550 | -145870  | 290.191 | N.D. #    |
| 25)                         | Chlordane-3     | 5.891  | 4.900 | 30923650 | 14884870 | 76.669  | 107.451 # |
| 26)                         | Chlordane-4     | 5.970  | 4.964 | 30527071 | 15169641 | 63.022  | 105.692 # |
| 27)                         | Chlordane-5     | 0.000  | 5.857 | 0        | 12084860 | N.D.    | 237.279 # |
| -----                       |                 |        |       |          |          |         |           |

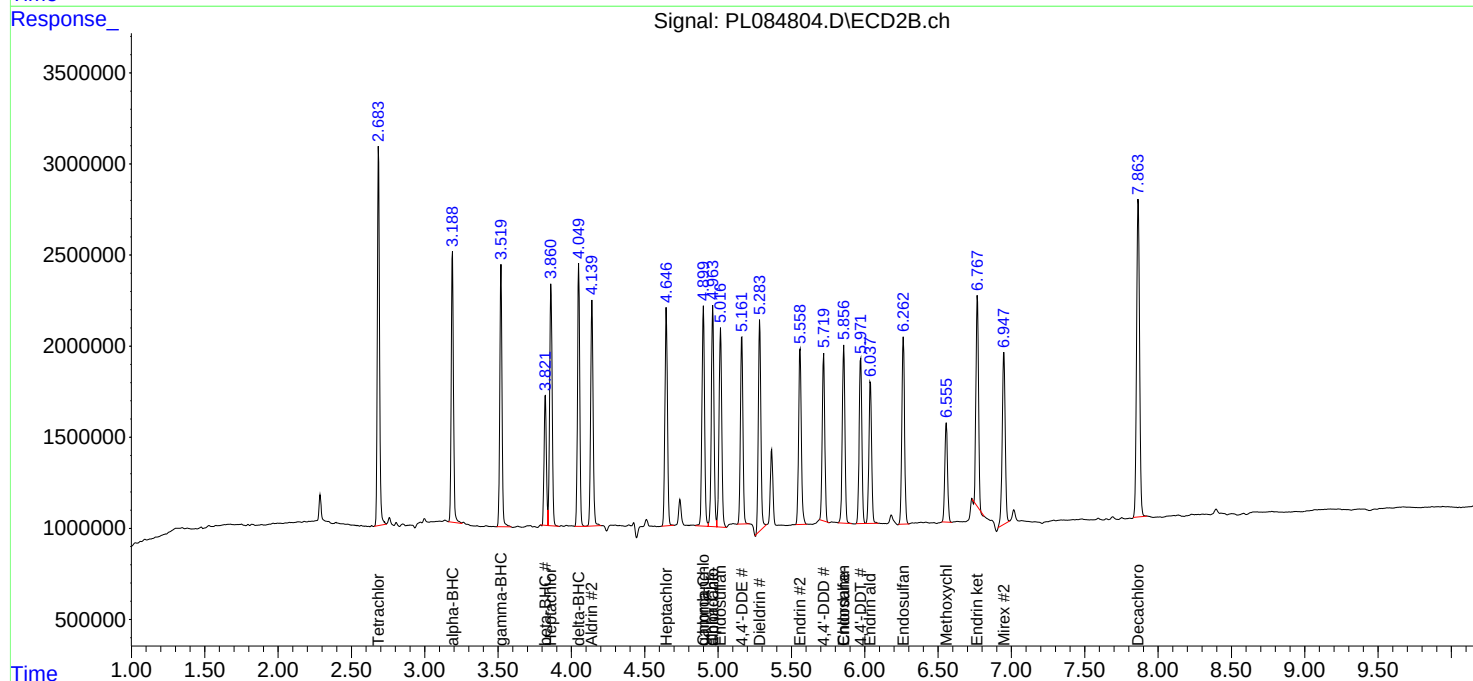
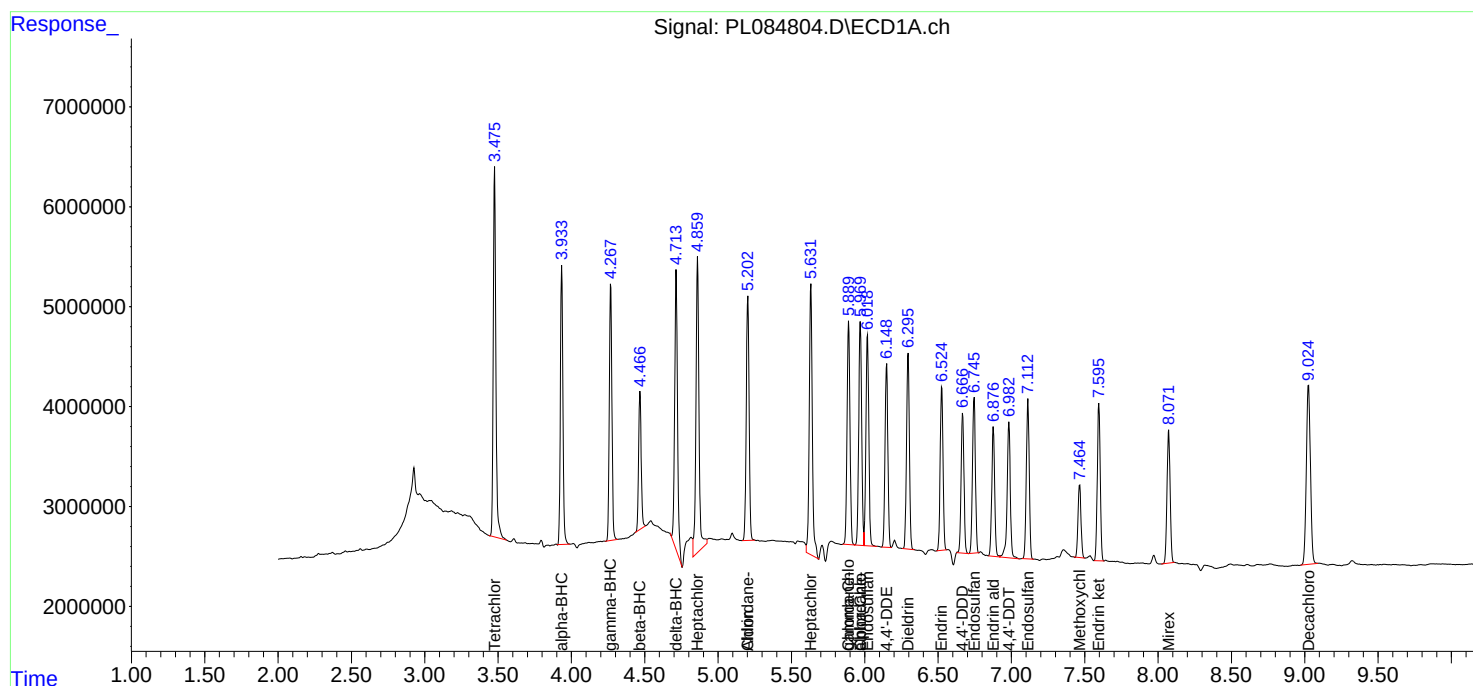
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

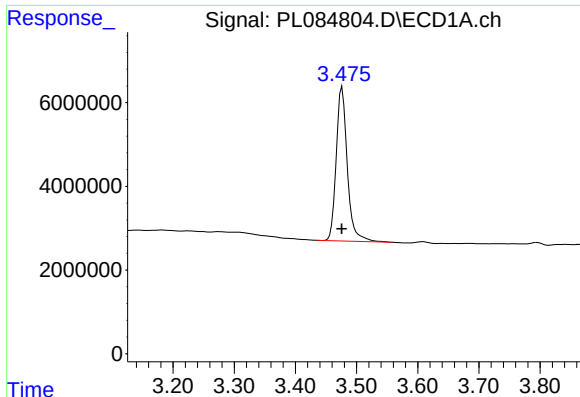
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081723\  
Data File : PL084804.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2023 11:10  
Operator : AR\AJ  
Sample : PB154721BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 22:20:57 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 16:21:43 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

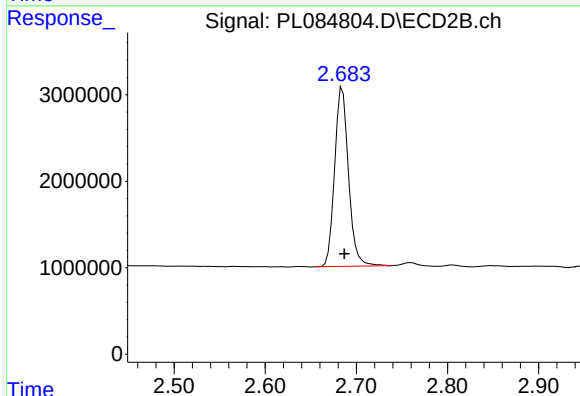




#1 Tetrachloro-m-xylene

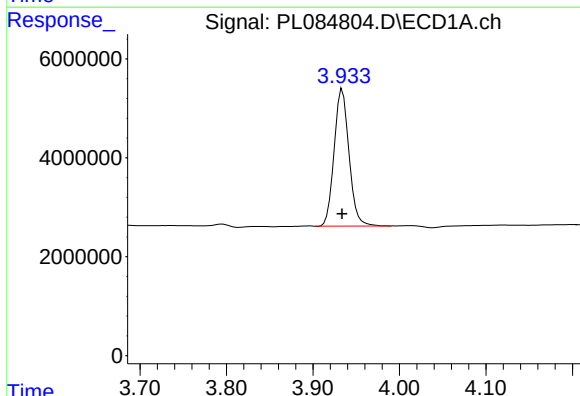
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 46307103  
Conc: 19.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



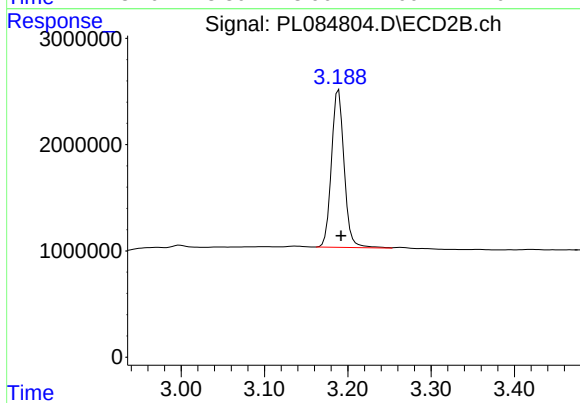
#1 Tetrachloro-m-xylene

R.T.: 2.685 min  
Delta R.T.: -0.002 min  
Response: 21912787  
Conc: 20.15 ng/ml



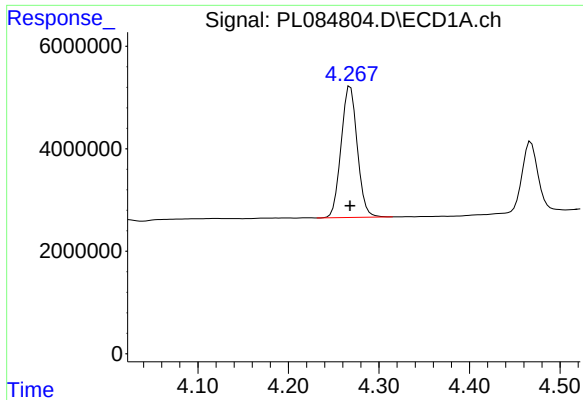
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 33037222  
Conc: 10.01 ng/ml



#2 alpha-BHC

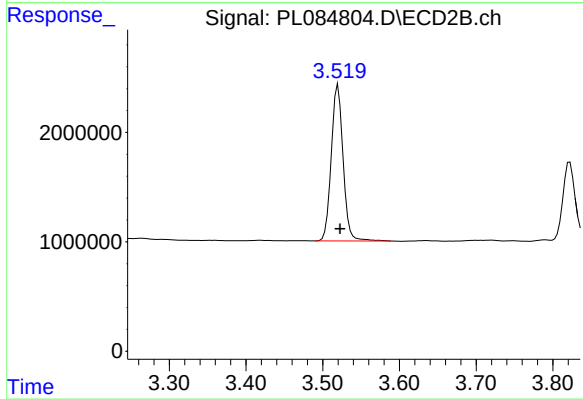
R.T.: 3.189 min  
Delta R.T.: -0.003 min  
Response: 15684545  
Conc: 10.16 ng/ml



#3 gamma-BHC (Lindane)

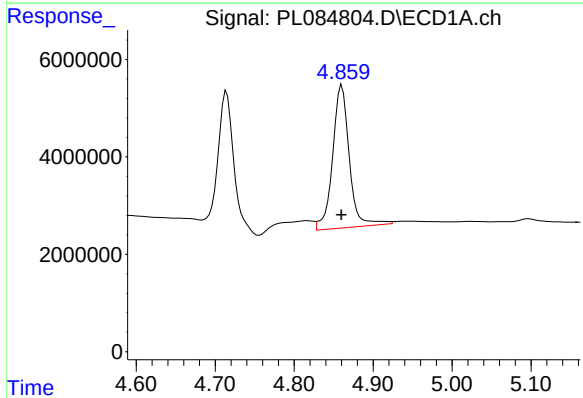
R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 31761720  
Conc: 9.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



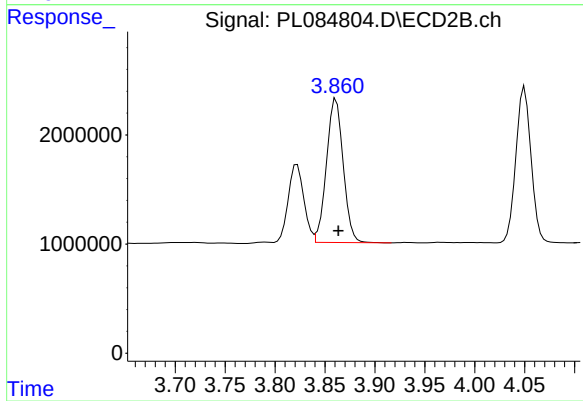
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: -0.003 min  
Response: 15248604  
Conc: 10.04 ng/ml



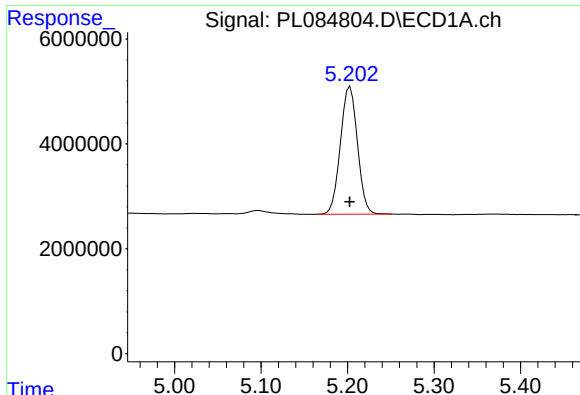
#4 Heptachlor

R.T.: 4.860 min  
Delta R.T.: 0.000 min  
Response: 42978053  
Conc: 12.78 ng/ml



#4 Heptachlor

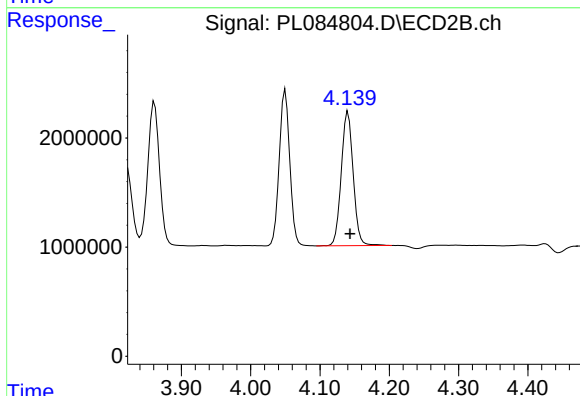
R.T.: 3.861 min  
Delta R.T.: -0.002 min  
Response: 15367577  
Conc: 10.79 ng/ml



#5 Aldrin

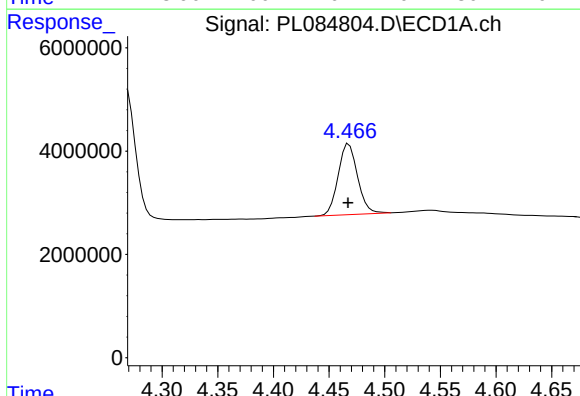
R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 33130550  
Conc: 10.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



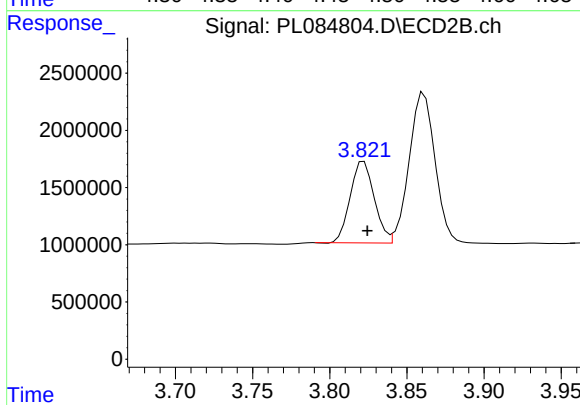
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: -0.003 min  
Response: 14683441  
Conc: 10.10 ng/ml



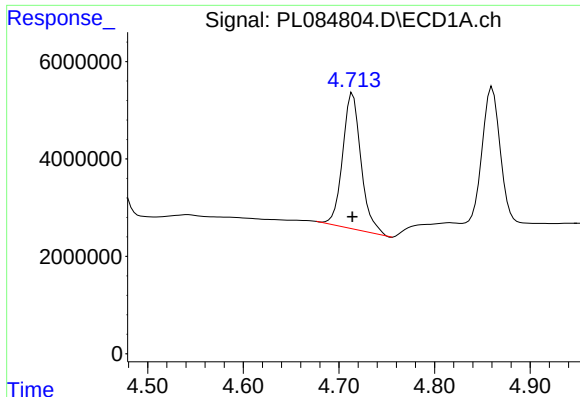
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 16697507  
Conc: 11.95 ng/ml



#6 beta-BHC

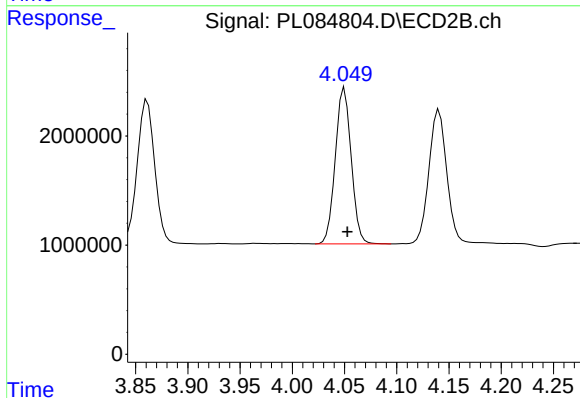
R.T.: 3.822 min  
Delta R.T.: -0.002 min  
Response: 7750051  
Conc: 11.57 ng/ml



#7 delta-BHC

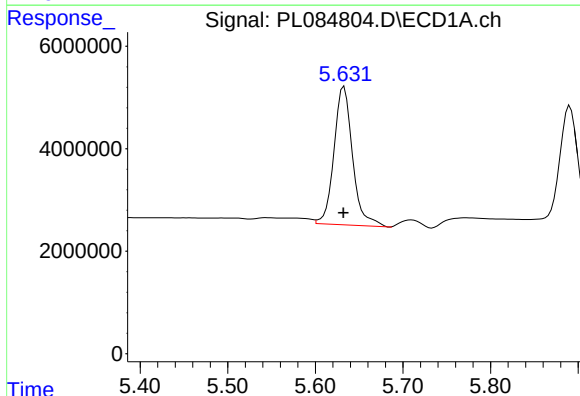
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 37507688  
Conc: 11.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



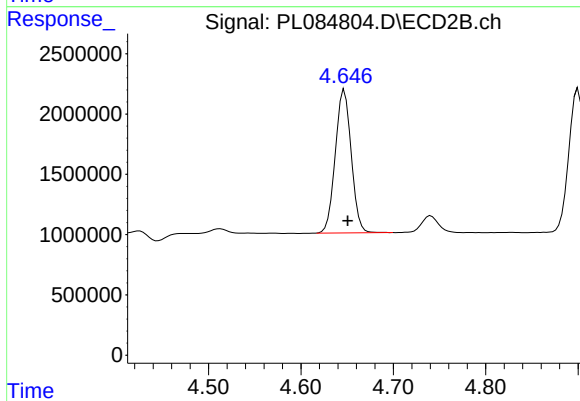
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: -0.003 min  
Response: 15133744  
Conc: 9.97 ng/ml



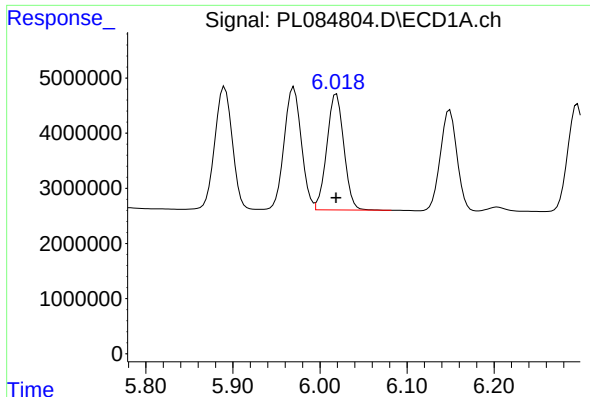
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 39630781  
Conc: 13.15 ng/ml



#8 Heptachlor epoxide

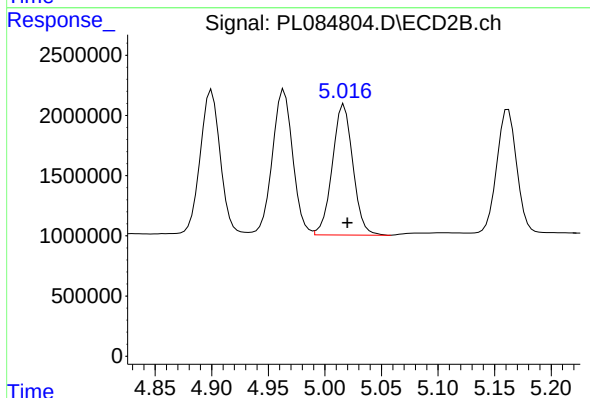
R.T.: 4.647 min  
Delta R.T.: -0.003 min  
Response: 14248396  
Conc: 10.74 ng/ml



#9 Endosulfan I

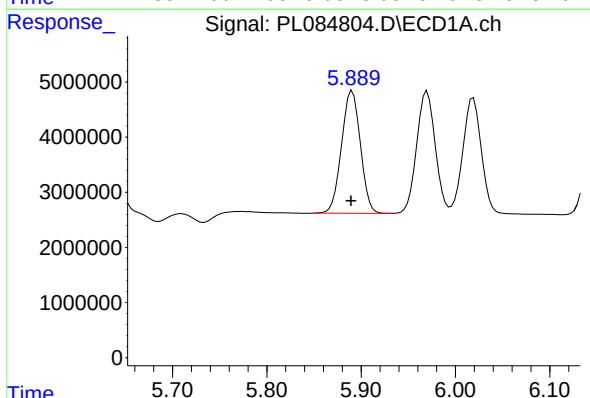
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 28648924  
Conc: 10.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



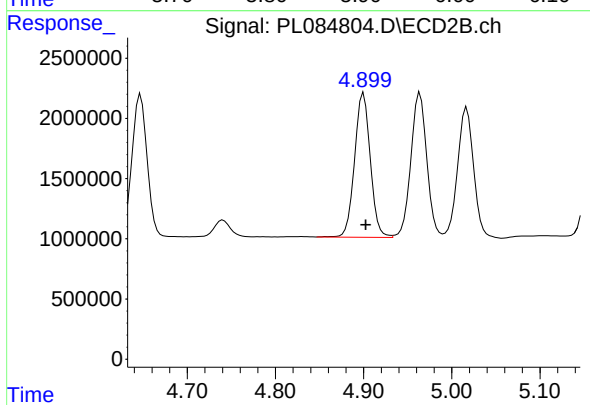
#9 Endosulfan I

R.T.: 5.017 min  
Delta R.T.: -0.003 min  
Response: 13719936  
Conc: 11.07 ng/ml



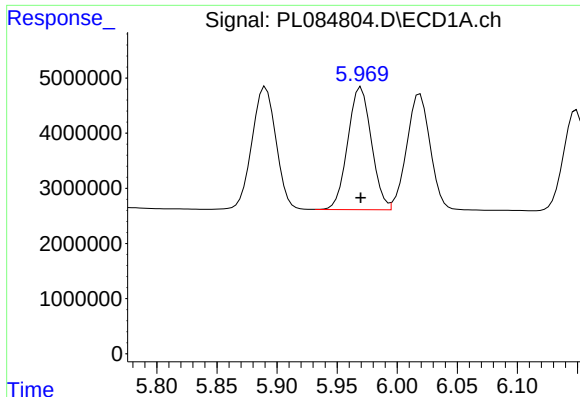
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.001 min  
Response: 30923650  
Conc: 10.80 ng/ml



#10 gamma-Chlordane

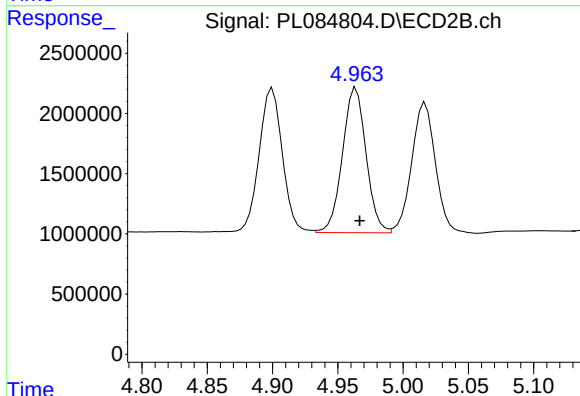
R.T.: 4.900 min  
Delta R.T.: -0.003 min  
Response: 14884870  
Conc: 10.97 ng/ml



#11 alpha-Chlordane

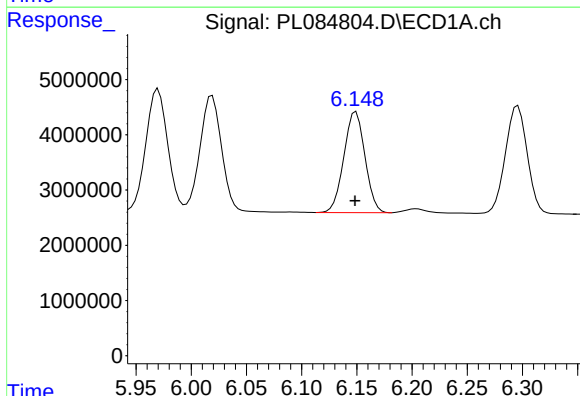
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 30527071  
Conc: 10.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



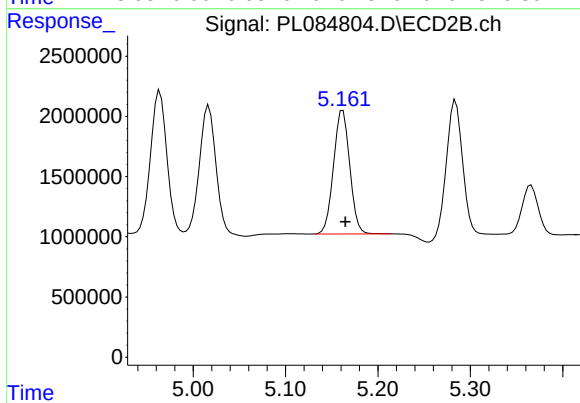
#11 alpha-Chlordane

R.T.: 4.964 min  
Delta R.T.: -0.003 min  
Response: 15169641  
Conc: 11.13 ng/ml



#12 4,4'-DDE

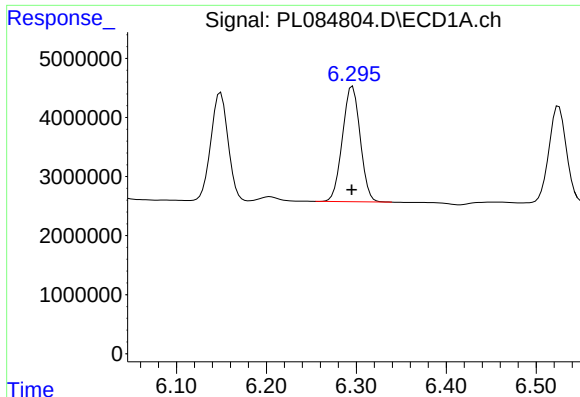
R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 24299819  
Conc: 10.59 ng/ml



#12 4,4'-DDE

R.T.: 5.162 min  
Delta R.T.: -0.003 min  
Response: 12546022  
Conc: 10.19 ng/ml

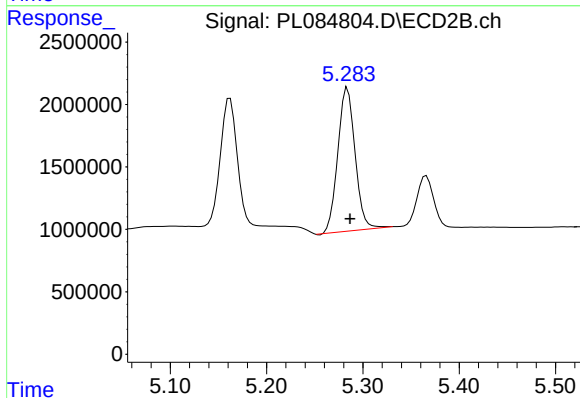




#13 Dieldrin

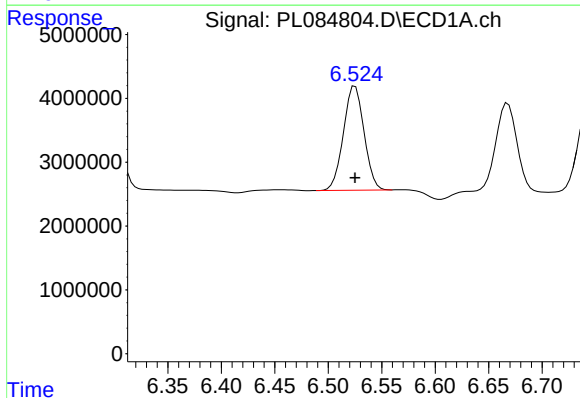
R.T.: 6.296 min  
Delta R.T.: 0.000 min  
Response: 26849785  
Conc: 10.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



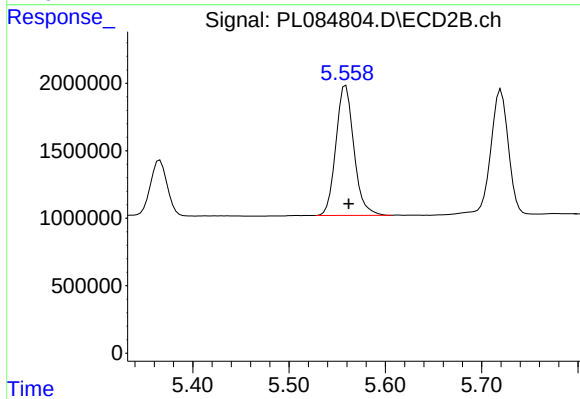
#13 Dieldrin

R.T.: 5.284 min  
Delta R.T.: -0.003 min  
Response: 14255773  
Conc: 10.50 ng/ml



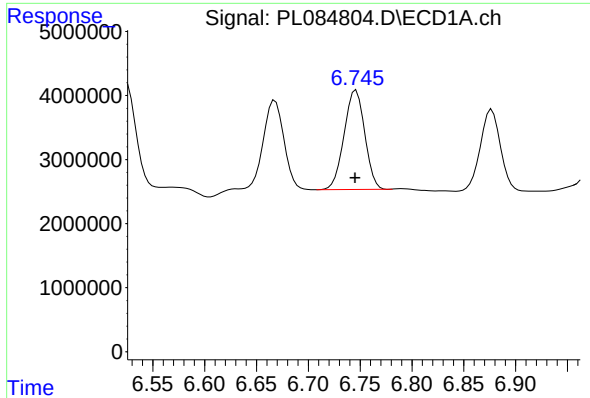
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.000 min  
Response: 21948754  
Conc: 10.06 ng/ml



#14 Endrin

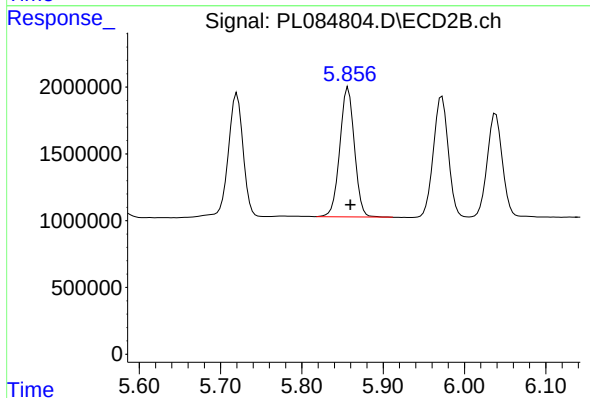
R.T.: 5.559 min  
Delta R.T.: -0.003 min  
Response: 12477492  
Conc: 10.20 ng/ml



#15 Endosulfan II

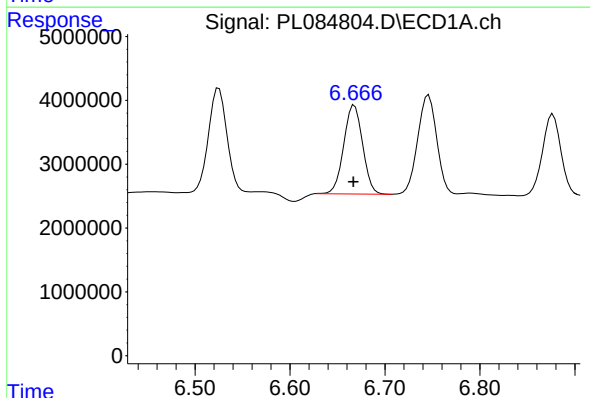
R.T.: 6.746 min  
Delta R.T.: 0.001 min  
Response: 21505039  
Conc: 10.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



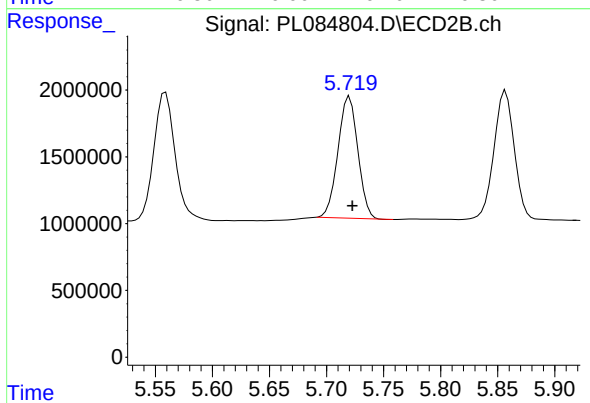
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: -0.003 min  
Response: 12084860  
Conc: 10.02 ng/ml



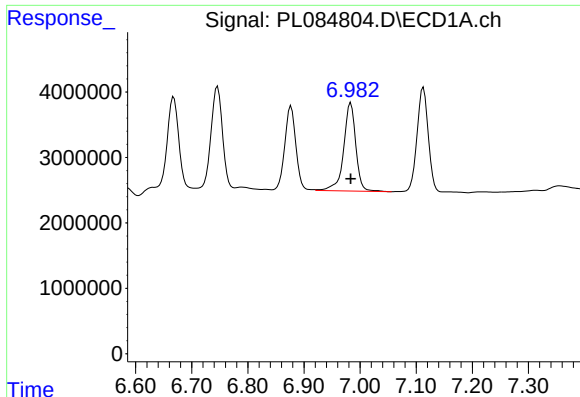
#16 4,4'-DDD

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 19234637  
Conc: 11.47 ng/ml



#16 4,4'-DDD

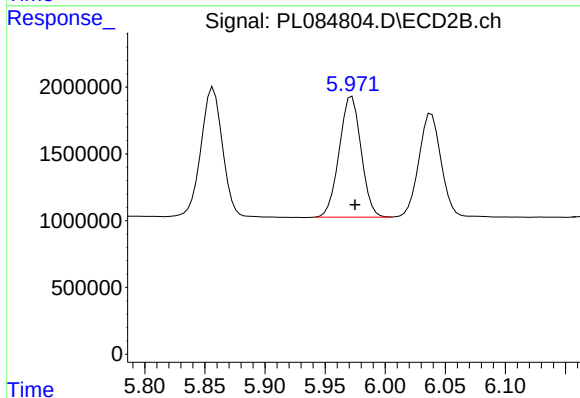
R.T.: 5.720 min  
Delta R.T.: -0.003 min  
Response: 11085490  
Conc: 10.73 ng/ml



#17 4,4'-DDT

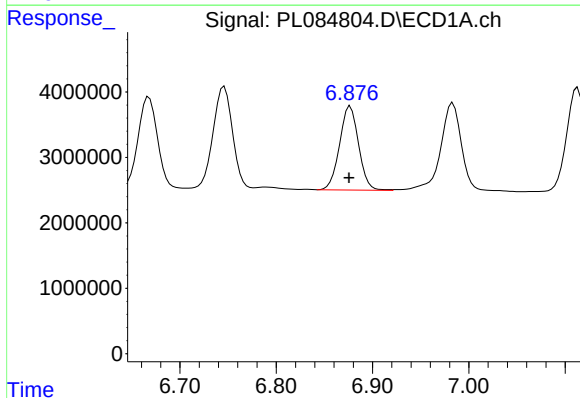
R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 20347213  
Conc: 10.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



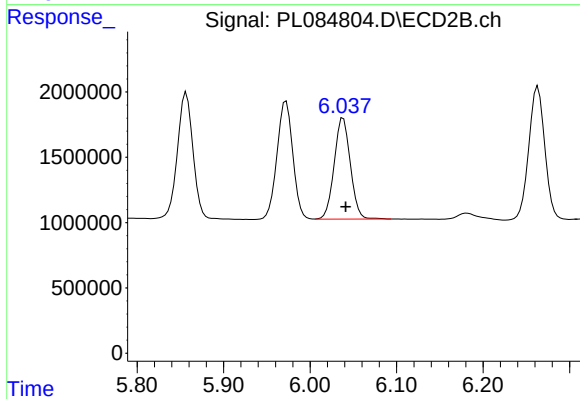
#17 4,4'-DDT

R.T.: 5.972 min  
Delta R.T.: -0.003 min  
Response: 11485960  
Conc: 9.90 ng/ml



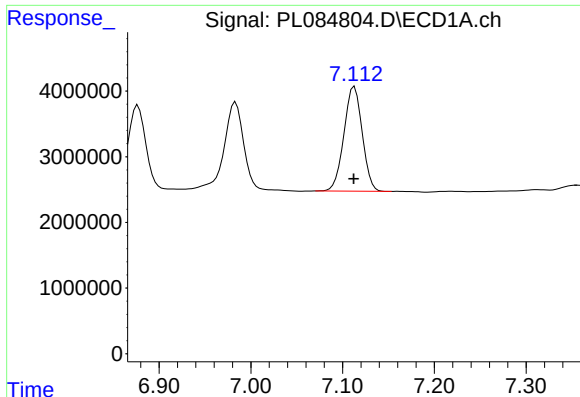
#18 Endrin aldehyde

R.T.: 6.877 min  
Delta R.T.: 0.001 min  
Response: 17558945  
Conc: 10.41 ng/ml



#18 Endrin aldehyde

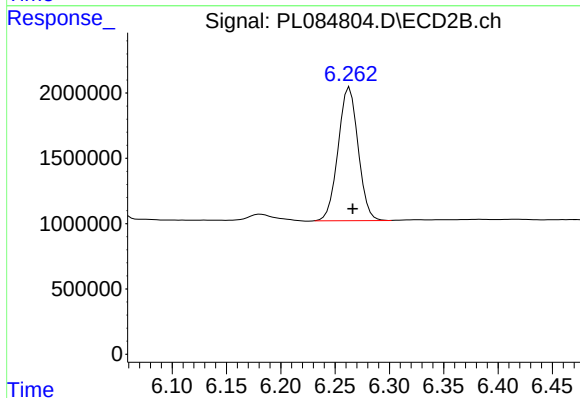
R.T.: 6.038 min  
Delta R.T.: -0.003 min  
Response: 10007286  
Conc: 10.09 ng/ml



#19 Endosulfan Sulfate

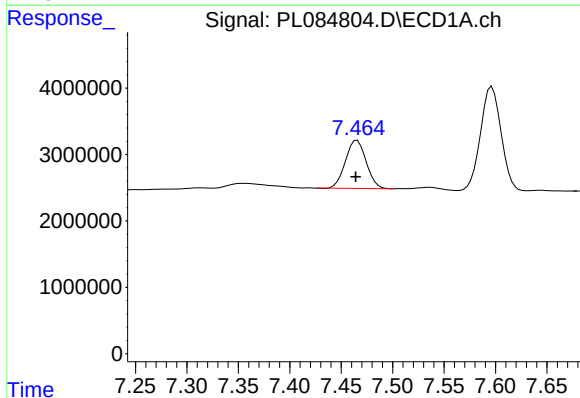
R.T.: 7.113 min  
Delta R.T.: 0.000 min  
Response: 22067692  
Conc: 11.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



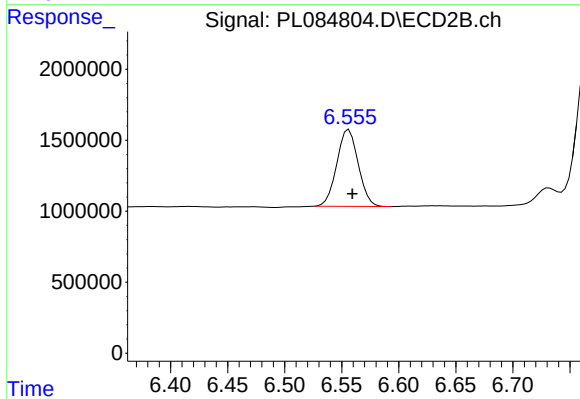
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.003 min  
Response: 13086547  
Conc: 11.00 ng/ml



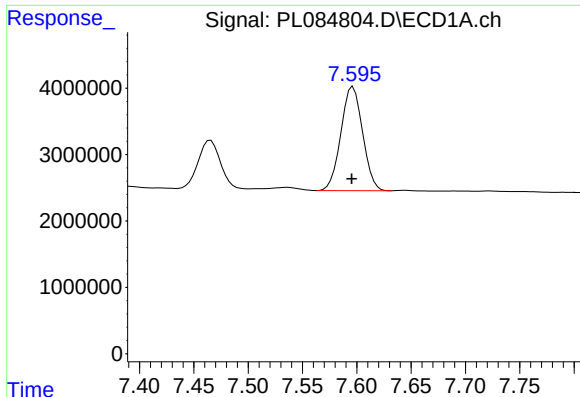
#20 Methoxychlor

R.T.: 7.465 min  
Delta R.T.: 0.001 min  
Response: 10180825  
Conc: 10.61 ng/ml



#20 Methoxychlor

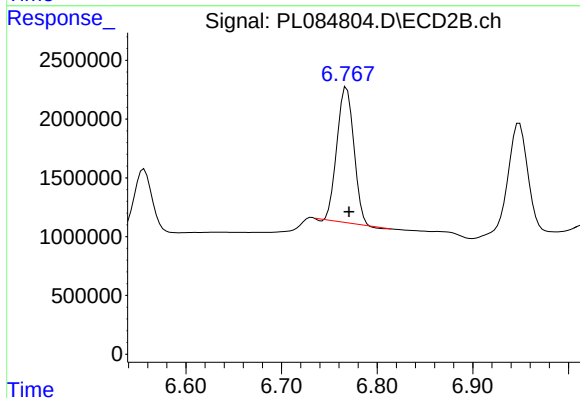
R.T.: 6.556 min  
Delta R.T.: -0.003 min  
Response: 7078125  
Conc: 10.32 ng/ml



#21 Endrin ketone

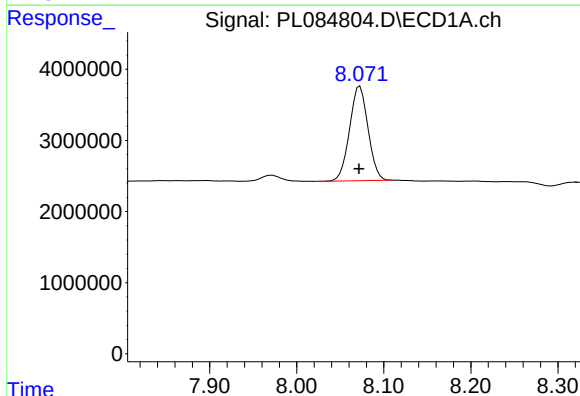
R.T.: 7.597 min  
Delta R.T.: 0.001 min  
Response: 21796279  
Conc: 10.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



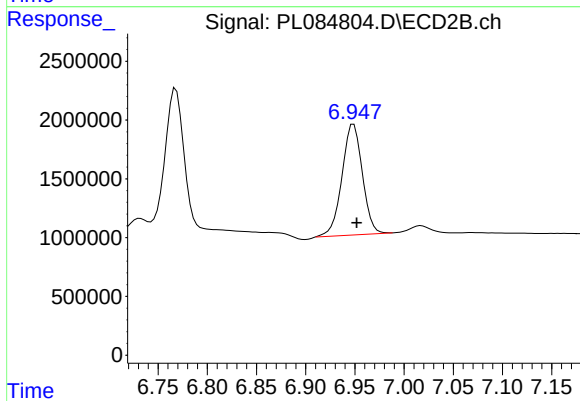
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.003 min  
Response: 13997320  
Conc: 9.70 ng/ml



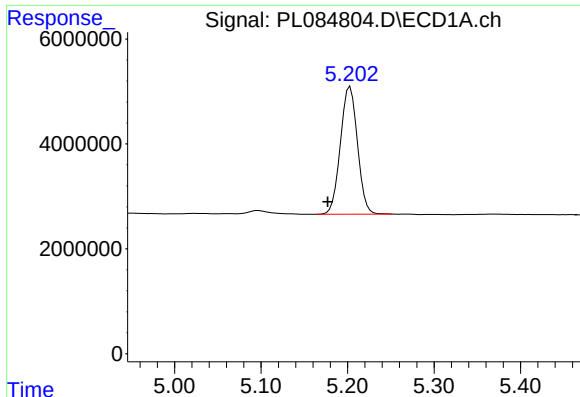
#22 Mirex

R.T.: 8.073 min  
Delta R.T.: 0.001 min  
Response: 19616884  
Conc: 11.81 ng/ml



#22 Mirex

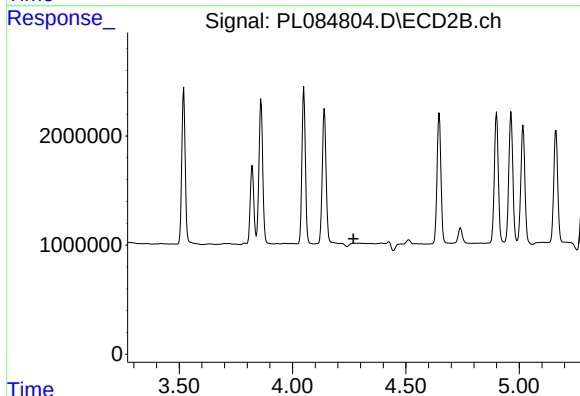
R.T.: 6.949 min  
Delta R.T.: -0.003 min  
Response: 13588440  
Conc: 11.78 ng/ml



#24 Chlordane-2

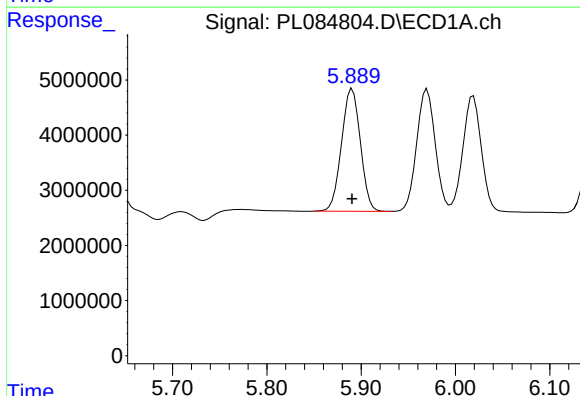
R.T.: 5.203 min  
Delta R.T.: 0.026 min  
Response: 33130550  
Conc: 290.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



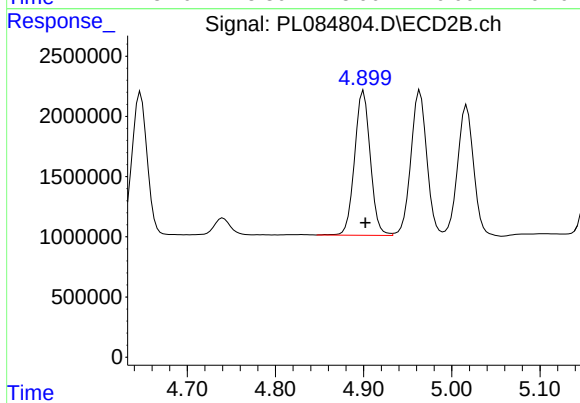
#24 Chlordane-2

R.T.: 4.271 min  
Delta R.T.: 0.002 min  
Response: -145870  
Conc: N.D.



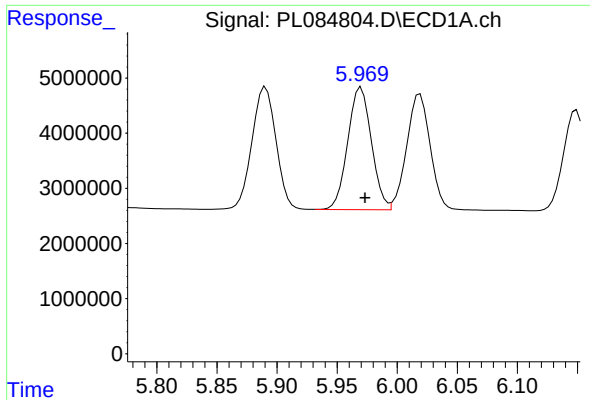
#25 Chlordane-3

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 30923650  
Conc: 76.67 ng/ml



#25 Chlordane-3

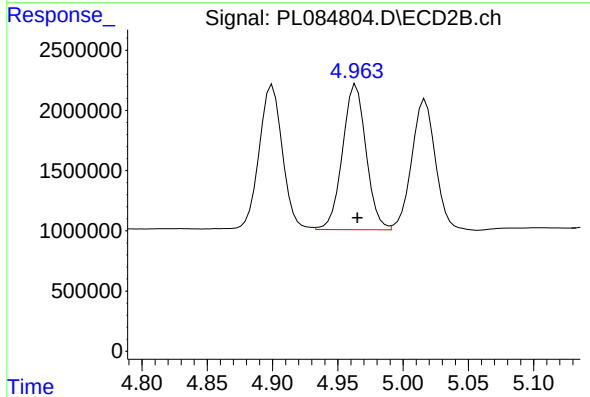
R.T.: 4.900 min  
Delta R.T.: -0.002 min  
Response: 14884870  
Conc: 107.45 ng/ml



#26 Chlordane-4

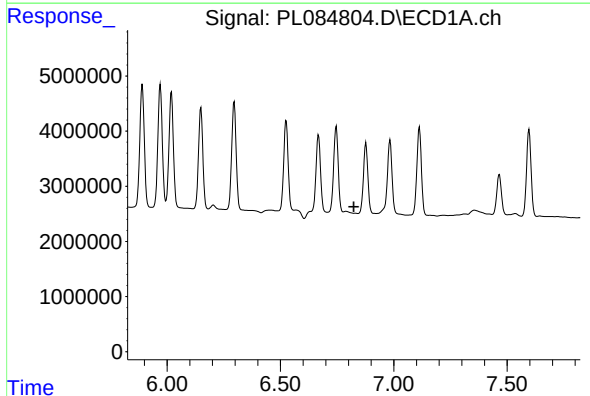
R.T.: 5.970 min  
Delta R.T.: -0.003 min  
Response: 30527071  
Conc: 63.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



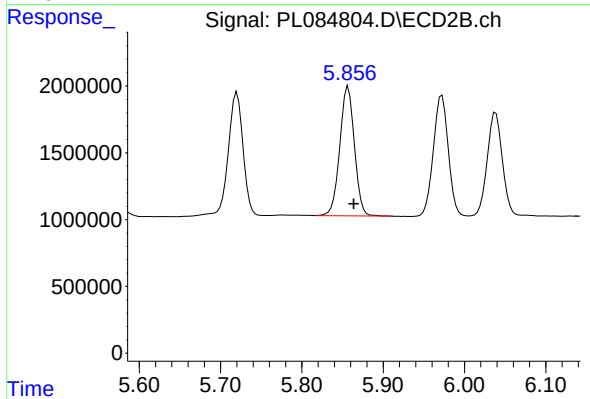
#26 Chlordane-4

R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 15169641  
Conc: 105.69 ng/ml



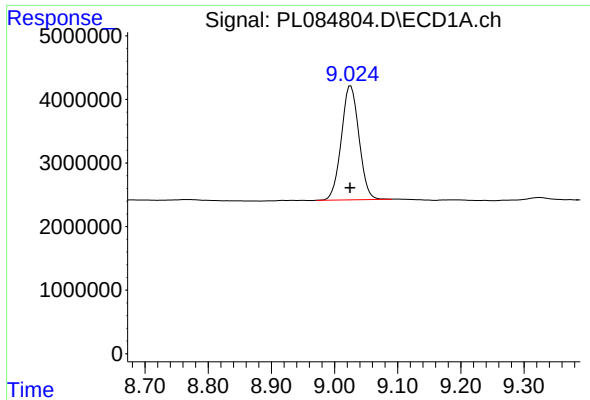
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.824 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

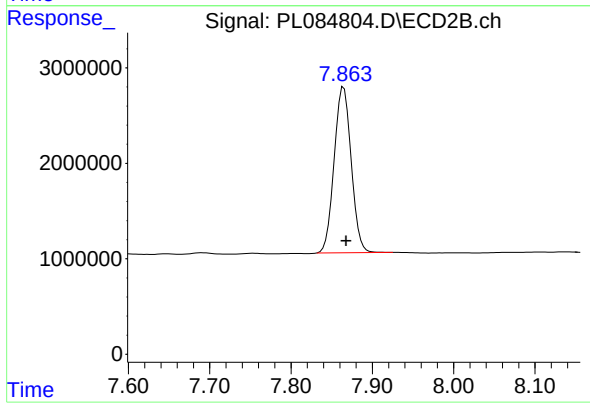
R.T.: 5.857 min  
Delta R.T.: -0.007 min  
Response: 12084860  
Conc: 237.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.000 min  
Response: 34769666  
Conc: 21.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.865 min  
Delta R.T.: -0.003 min  
Response: 25352550  
Conc: 20.33 ng/ml