

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081723\  
 Data File : PL084816.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2023 15:11  
 Operator : AR\AJ  
 Sample : 04022-04MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 22:26:27 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... | 3.477  | 2.685 | 39447242 | 19122408 | 16.978  | 17.585     |
| 28)                         | SA Decachlor... | 9.027  | 7.866 | 26262397 | 20328432 | 16.141  | 16.304     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.935  | 3.190 | 161.6E6  | 81886689 | 48.961  | 53.033     |
| 3)                          | MA gamma-BHC... | 4.269  | 3.520 | 149.6E6  | 76621455 | 46.883  | 50.424     |
| 4)                          | MA Heptachlor   | 4.861  | 3.861 | 162.2E6  | 76492782 | 48.238  | 53.711     |
| 5)                          | MB Aldrin       | 5.204  | 4.141 | 141.2E6  | 74010964 | 42.704  | 50.923     |
| 6)                          | B beta-BHC      | 4.468  | 3.822 | 66075195 | 34200436 | 47.301  | 51.044     |
| 7)                          | B delta-BHC     | 4.715  | 4.050 | 148.3E6  | 76243850 | 45.988  | 50.219     |
| 8)                          | B Heptachlo...  | 5.633  | 4.647 | 134.6E6  | 67659985 | 44.682  | 50.995     |
| 9)                          | A Endosulfan I  | 6.020  | 5.018 | 119.1E6  | 63327695 | 45.253  | 51.100     |
| 10)                         | B gamma-Chl...  | 5.891  | 4.900 | 127.9E6  | 69410858 | 44.650  | 51.178     |
| 11)                         | B alpha-Chl...  | 5.970  | 4.964 | 125.5E6  | 68917493 | 44.446  | 50.582     |
| 12)                         | B 4,4'-DDE      | 6.150  | 5.162 | 108.1E6  | 64549743 | 47.086  | 52.417     |
| 13)                         | MA Dieldrin     | 6.296  | 5.284 | 116.2E6  | 67237434 | 43.969  | 49.520     |
| 14)                         | MA Endrin       | 6.526  | 5.560 | 98729733 | 62201649 | 45.268  | 50.851     |
| 15)                         | B Endosulfa...  | 6.747  | 5.858 | 90610114 | 57534767 | 42.841  | 47.684     |
| 16)                         | A 4,4'-DDD      | 6.669  | 5.720 | 85655165 | 54251693 | 51.089  | 52.507     |
| 17)                         | MA 4,4'-DDT     | 6.984  | 5.973 | 88127975 | 57265015 | 47.034  | 49.343     |
| 18)                         | B Endrin al...  | 6.878  | 6.039 | 74325926 | 46237686 | 44.059  | 46.622     |
| 19)                         | B Endosulfa...  | 7.113  | 6.264 | 91560392 | 57502729 | 45.833  | 48.355     |
| 20)                         | A Methoxychlor  | 7.466  | 6.557 | 44463393 | 32729292 | 46.331  | 47.703     |
| 21)                         | B Endrin ke...  | 7.598  | 6.769 | 90115294 | 69256767 | 45.048  | 48.001     |
| 22)                         | Mirex           | 8.073  | 6.950 | 72923284 | 53889489 | 43.908  | 46.727     |
| 23)                         | Chlordane-1     | 0.000  | 3.701 | 0        | 114774   | N.D.    | 2.994 #    |
| 24)                         | Chlordane-2     | 5.156f | 4.280 | 214282   | 84390    | 1.877   | 1.685      |
| 25)                         | Chlordane-3     | 5.891  | 4.900 | 127.9E6  | 69410858 | 317.009 | 501.062 #  |
| 26)                         | Chlordane-4     | 5.970  | 4.964 | 125.5E6  | 68917493 | 259.049 | 480.172 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.858 | 0        | 57534767 | N.D.    | 1129.661 # |
| -----                       |                 |        |       |          |          |         |            |

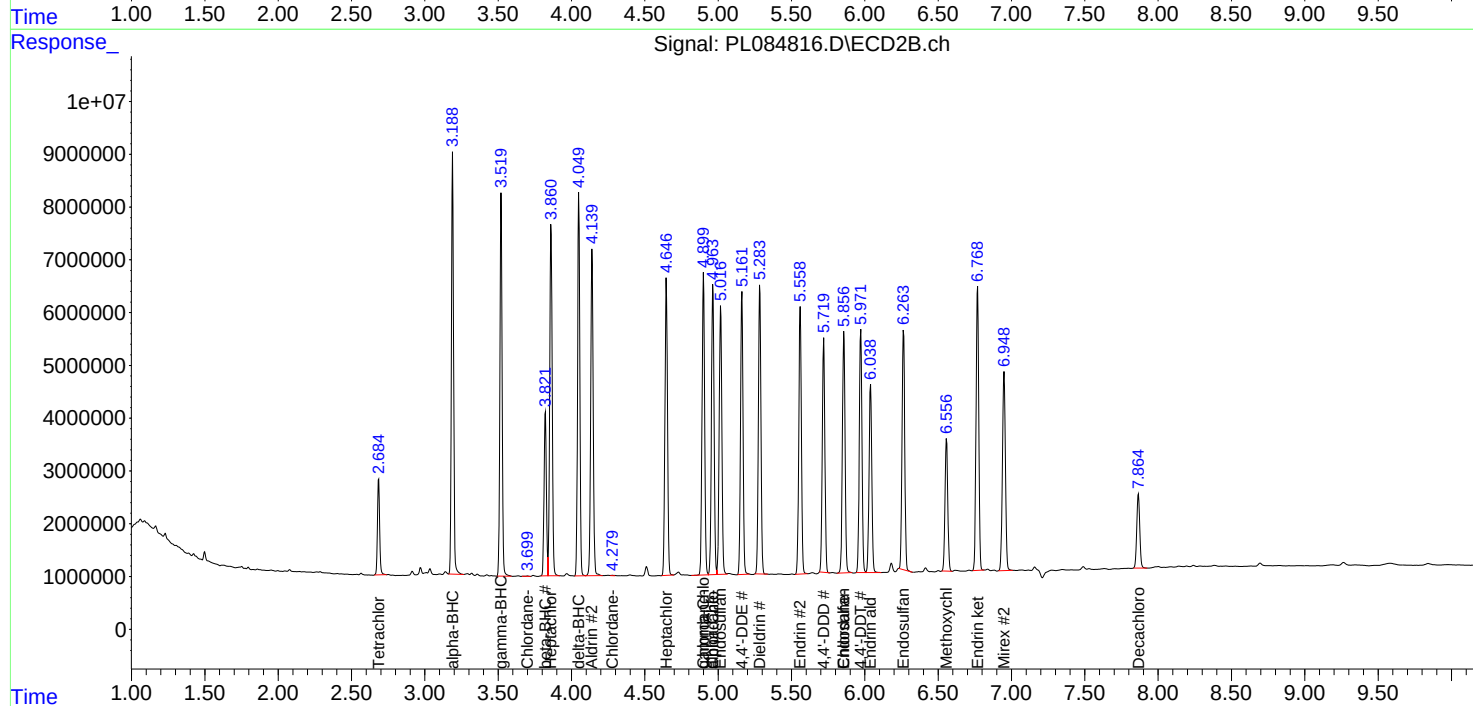
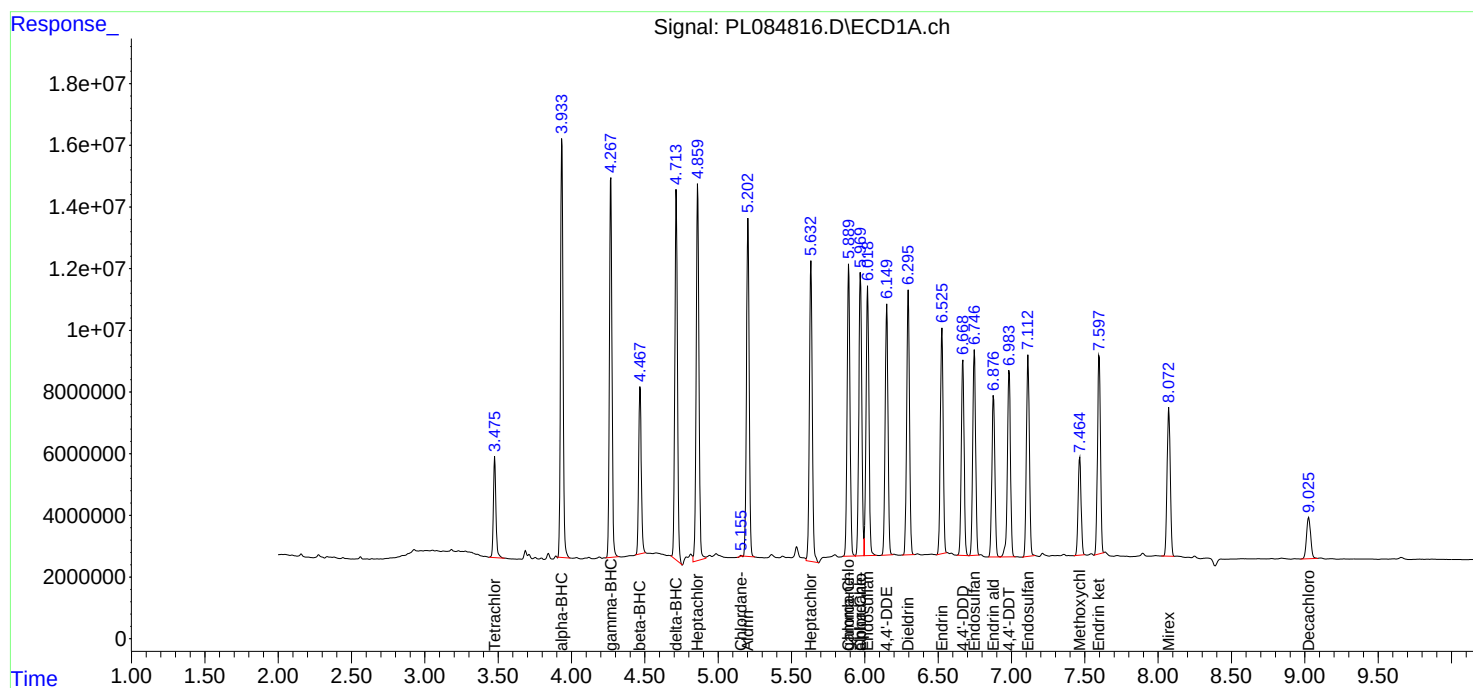
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

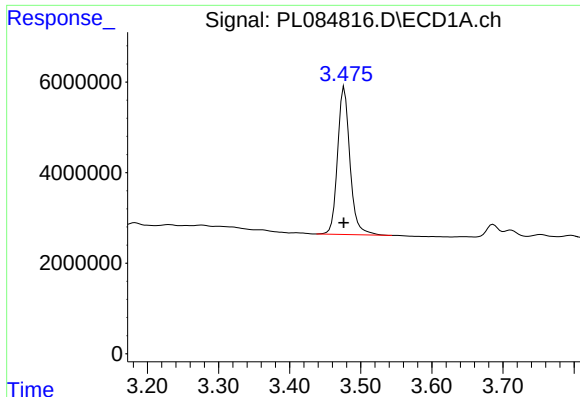
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081723\  
Data File : PL084816.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2023 15:11  
Operator : AR\AJ  
Sample : 04022-04MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 22:26:27 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

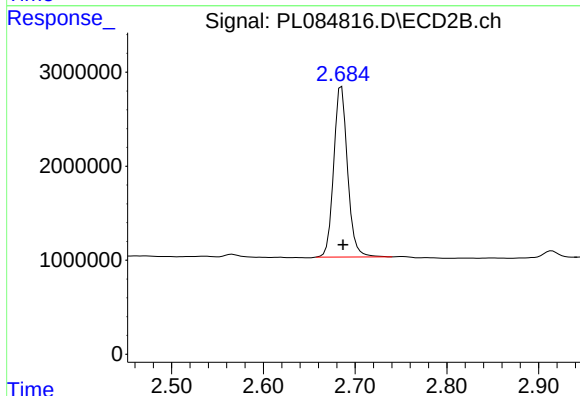




#1 Tetrachloro-m-xylene

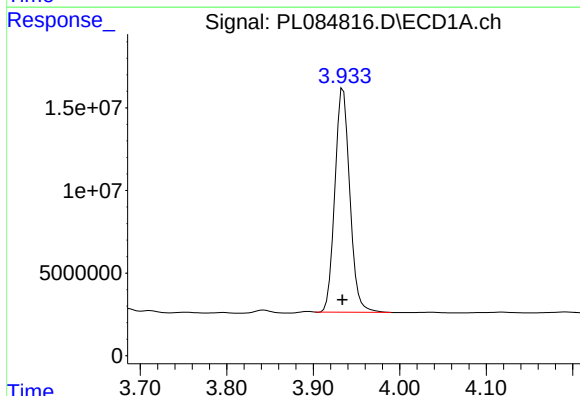
R.T.: 3.477 min  
Delta R.T.: 0.000 min  
Response: 39447242  
Conc: 16.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



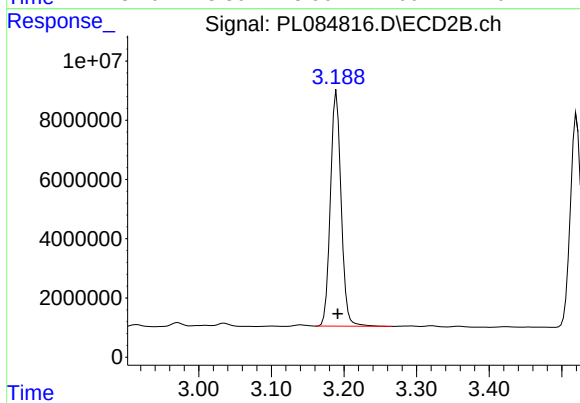
#1 Tetrachloro-m-xylene

R.T.: 2.685 min  
Delta R.T.: -0.002 min  
Response: 19122408  
Conc: 17.59 ng/ml



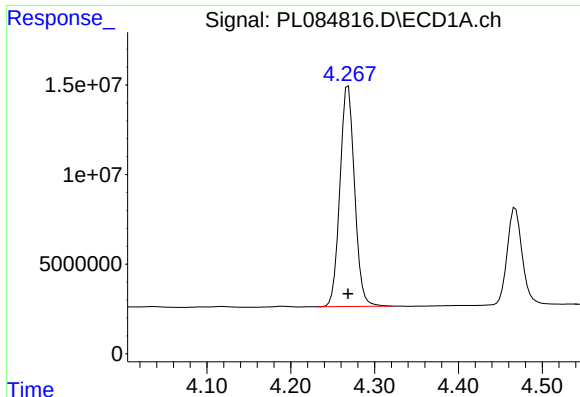
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 161640807  
Conc: 48.96 ng/ml



#2 alpha-BHC

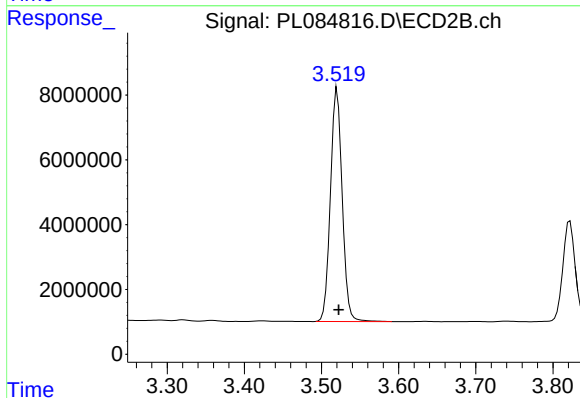
R.T.: 3.190 min  
Delta R.T.: -0.002 min  
Response: 81886689  
Conc: 53.03 ng/ml



#3 gamma-BHC (Lindane)

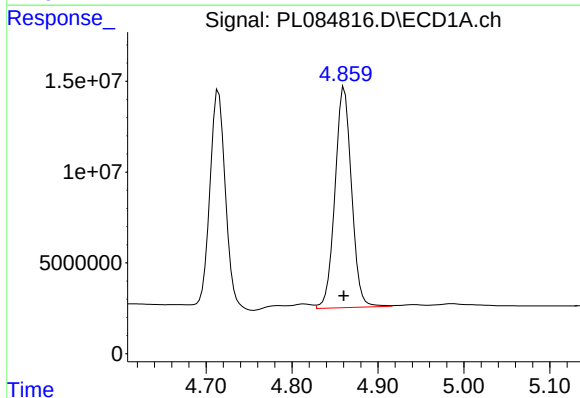
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 149556700  
Conc: 46.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



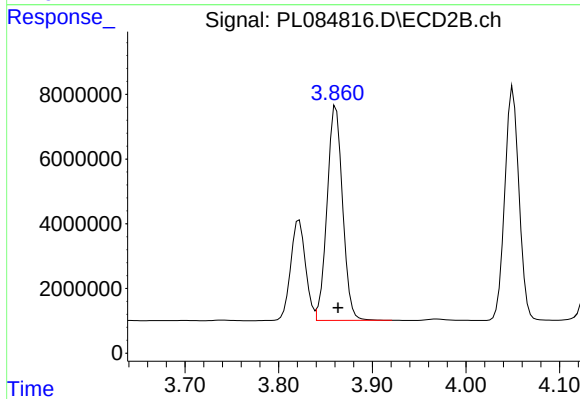
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: -0.002 min  
Response: 76621455  
Conc: 50.42 ng/ml



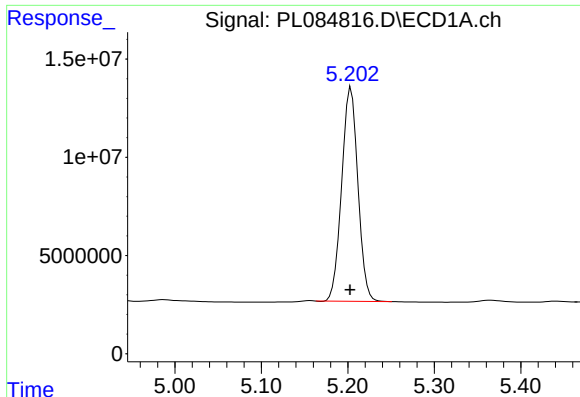
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 162219014  
Conc: 48.24 ng/ml



#4 Heptachlor

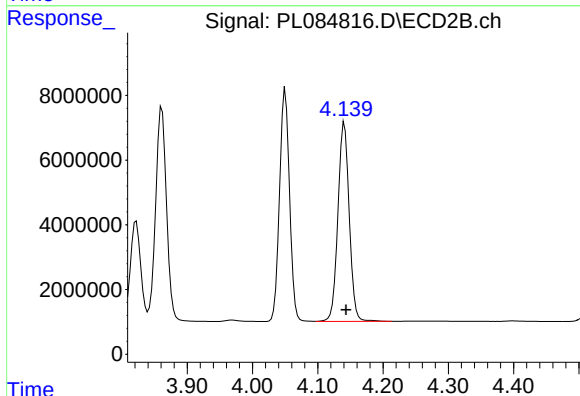
R.T.: 3.861 min  
Delta R.T.: -0.002 min  
Response: 76492782  
Conc: 53.71 ng/ml



#5 Aldrin

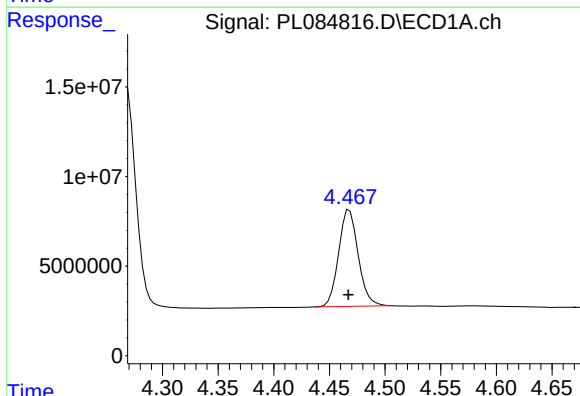
R.T.: 5.204 min  
Delta R.T.: 0.000 min  
Response: 141152661  
Conc: 42.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



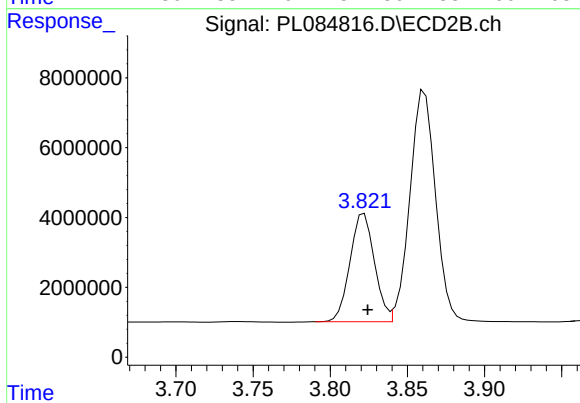
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: -0.003 min  
Response: 74010964  
Conc: 50.92 ng/ml



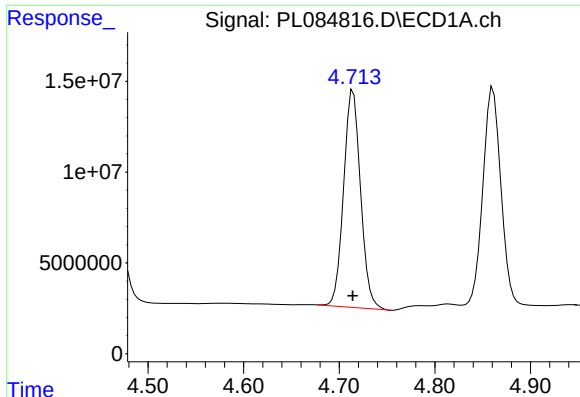
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.001 min  
Response: 66075195  
Conc: 47.30 ng/ml



#6 beta-BHC

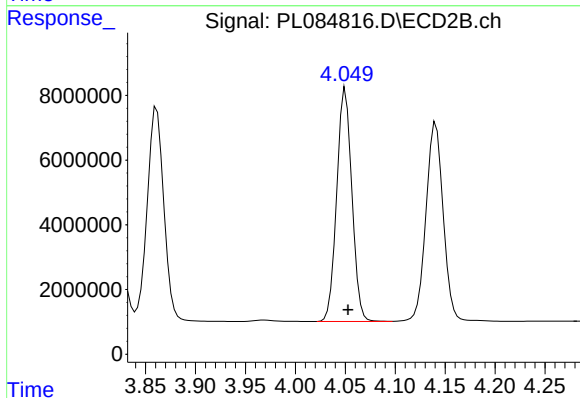
R.T.: 3.822 min  
Delta R.T.: -0.002 min  
Response: 34200436  
Conc: 51.04 ng/ml



#7 delta-BHC

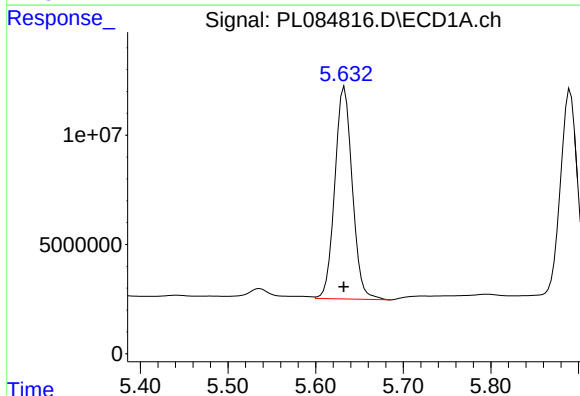
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 148298245  
Conc: 45.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



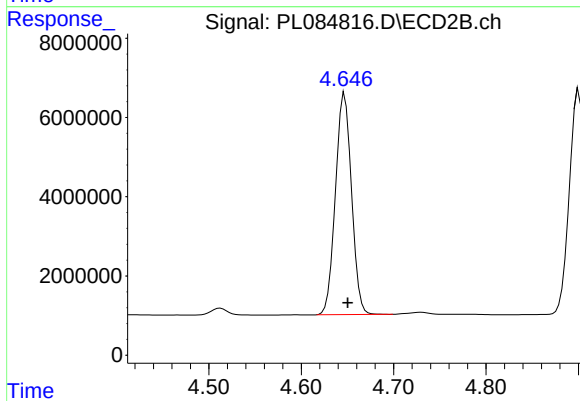
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: -0.003 min  
Response: 76243850  
Conc: 50.22 ng/ml



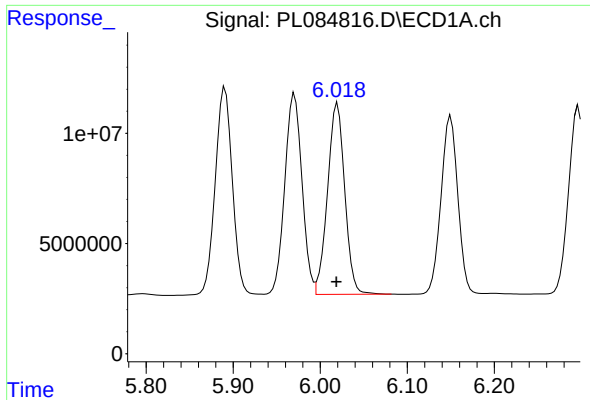
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 134612970  
Conc: 44.68 ng/ml



#8 Heptachlor epoxide

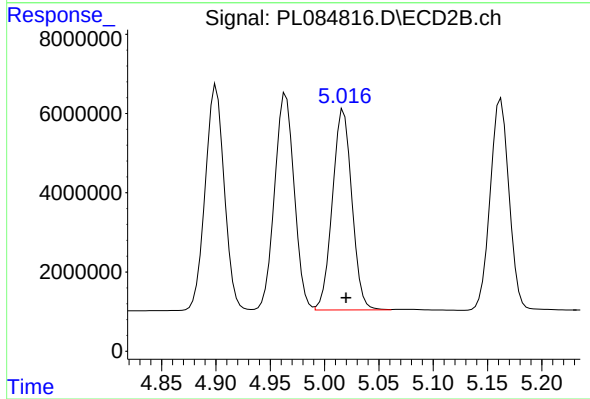
R.T.: 4.647 min  
Delta R.T.: -0.003 min  
Response: 67659985  
Conc: 50.99 ng/ml



#9 Endosulfan I

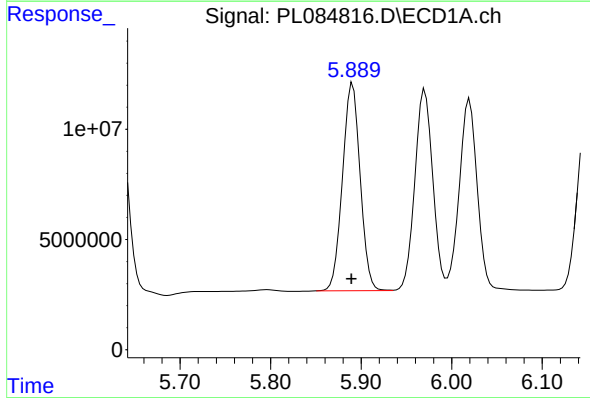
R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 119117417  
Conc: 45.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



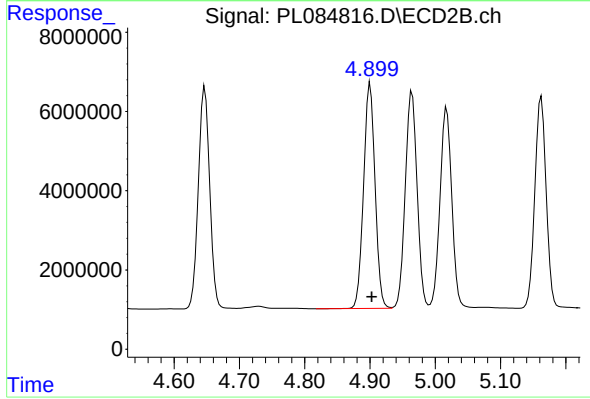
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: -0.002 min  
Response: 63327695  
Conc: 51.10 ng/ml



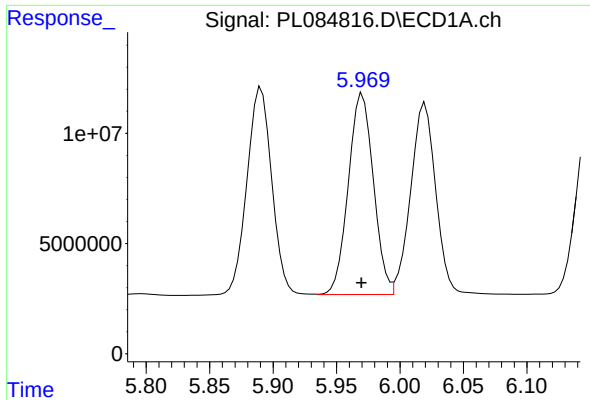
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.001 min  
Response: 127862255  
Conc: 44.65 ng/ml



#10 gamma-Chlordane

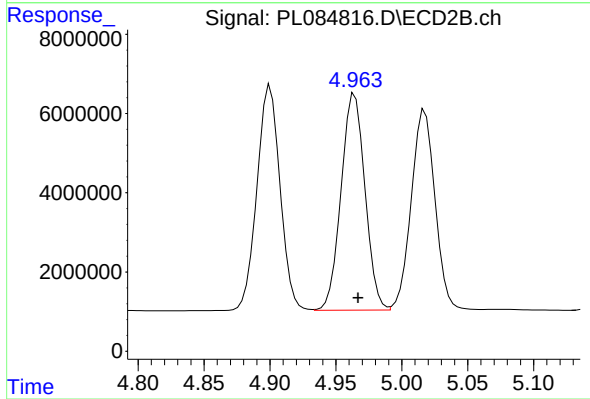
R.T.: 4.900 min  
Delta R.T.: -0.002 min  
Response: 69410858  
Conc: 51.18 ng/ml



#11 alpha-Chlordane

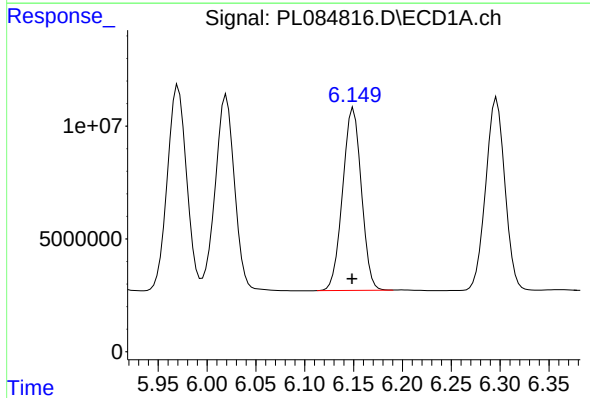
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 125479645  
Conc: 44.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



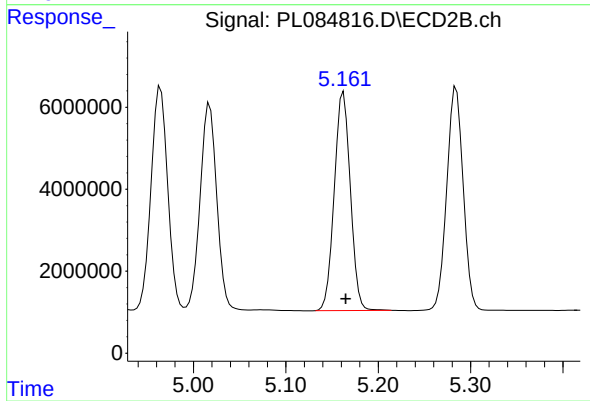
#11 alpha-Chlordane

R.T.: 4.964 min  
Delta R.T.: -0.002 min  
Response: 68917493  
Conc: 50.58 ng/ml



#12 4,4'-DDE

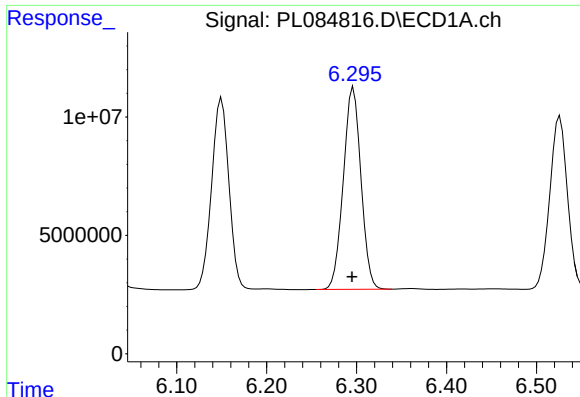
R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 108074884  
Conc: 47.09 ng/ml



#12 4,4'-DDE

R.T.: 5.162 min  
Delta R.T.: -0.003 min  
Response: 64549743  
Conc: 52.42 ng/ml

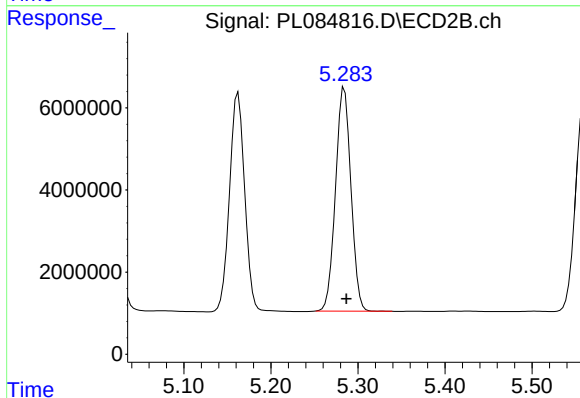




#13 Dieldrin

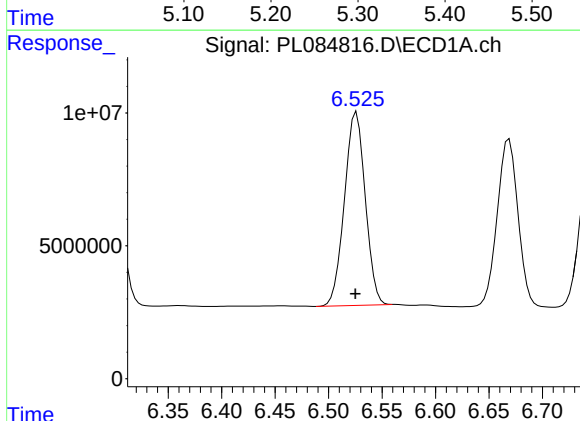
R.T.: 6.296 min  
Delta R.T.: 0.002 min  
Response: 116193134  
Conc: 43.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



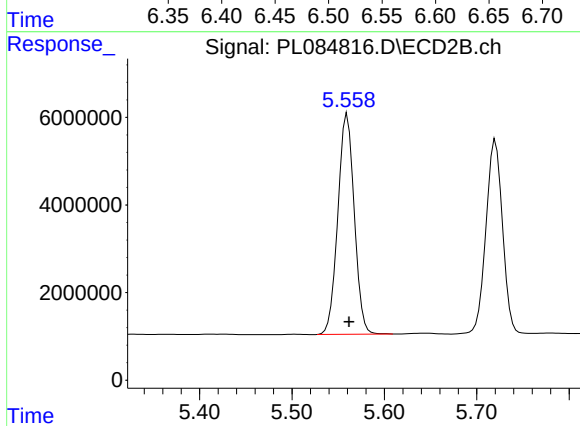
#13 Dieldrin

R.T.: 5.284 min  
Delta R.T.: -0.002 min  
Response: 67237434  
Conc: 49.52 ng/ml



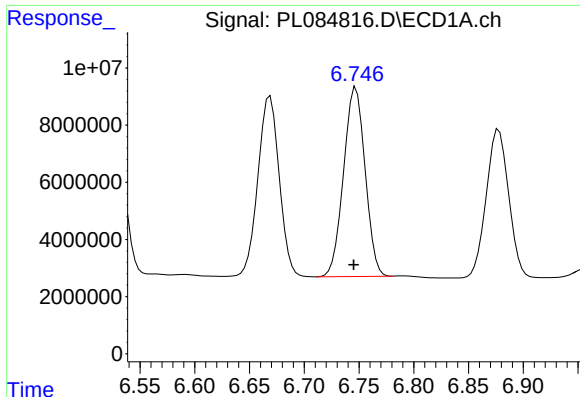
#14 Endrin

R.T.: 6.526 min  
Delta R.T.: 0.001 min  
Response: 98729733  
Conc: 45.27 ng/ml



#14 Endrin

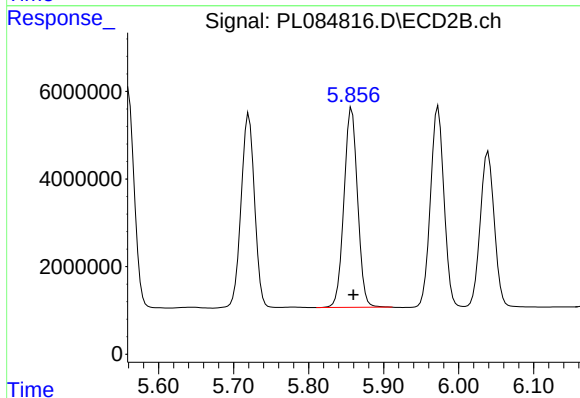
R.T.: 5.560 min  
Delta R.T.: -0.002 min  
Response: 62201649  
Conc: 50.85 ng/ml



#15 Endosulfan II

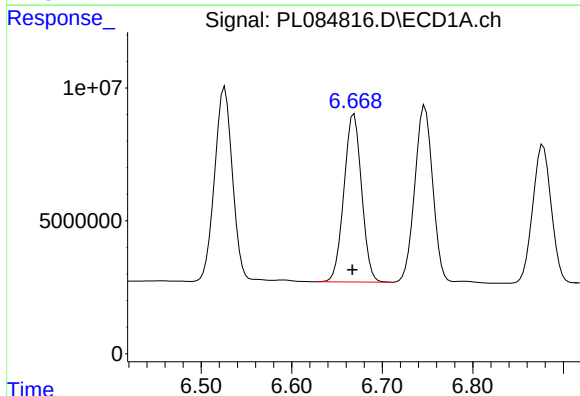
R.T.: 6.747 min  
Delta R.T.: 0.002 min  
Response: 90610114  
Conc: 42.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



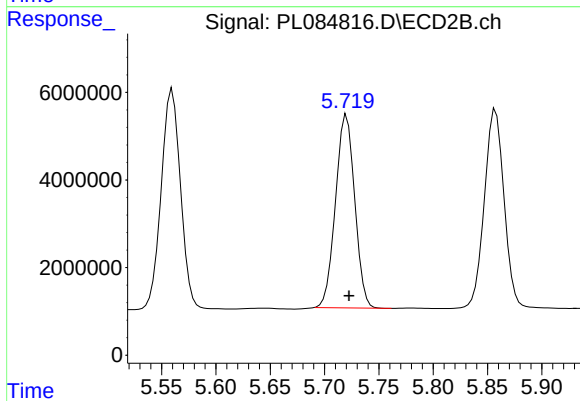
#15 Endosulfan II

R.T.: 5.858 min  
Delta R.T.: -0.002 min  
Response: 57534767  
Conc: 47.68 ng/ml



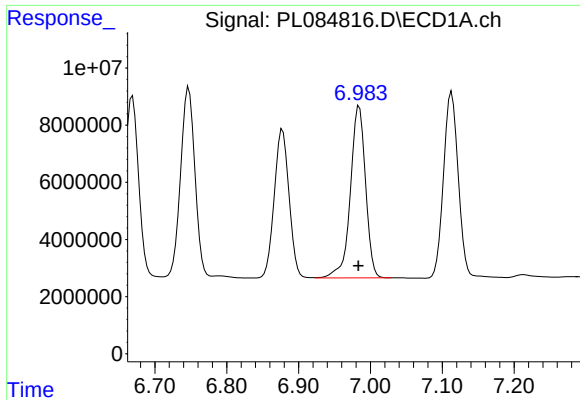
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.002 min  
Response: 85655165  
Conc: 51.09 ng/ml



#16 4,4'-DDD

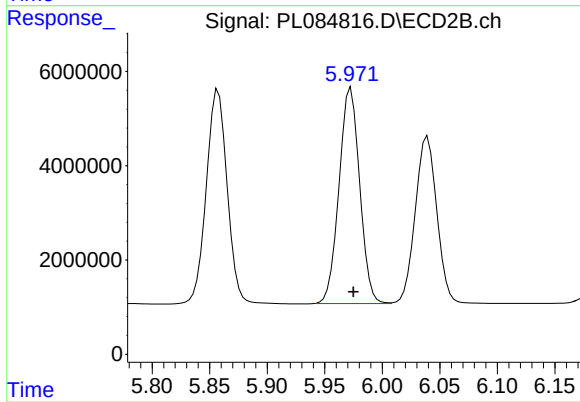
R.T.: 5.720 min  
Delta R.T.: -0.002 min  
Response: 54251693  
Conc: 52.51 ng/ml



#17 4,4'-DDT

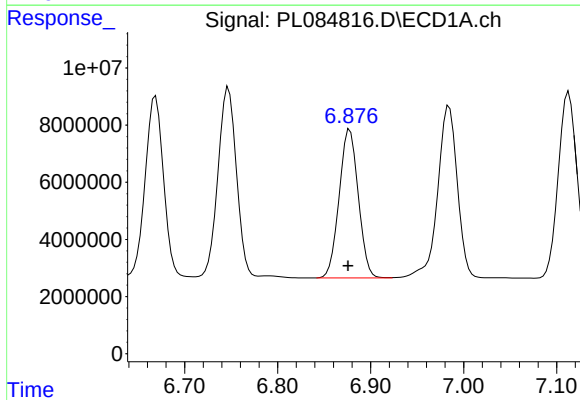
R.T.: 6.984 min  
Delta R.T.: 0.001 min  
Response: 88127975  
Conc: 47.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



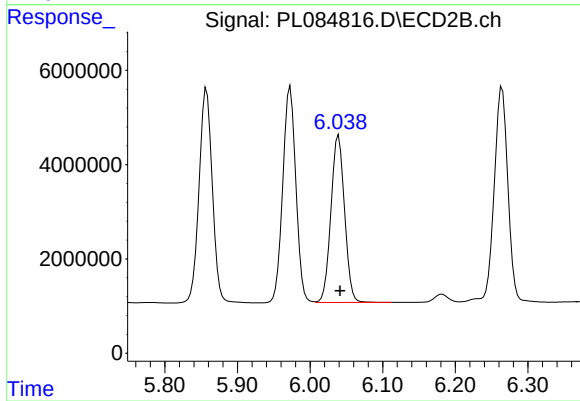
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 57265015  
Conc: 49.34 ng/ml



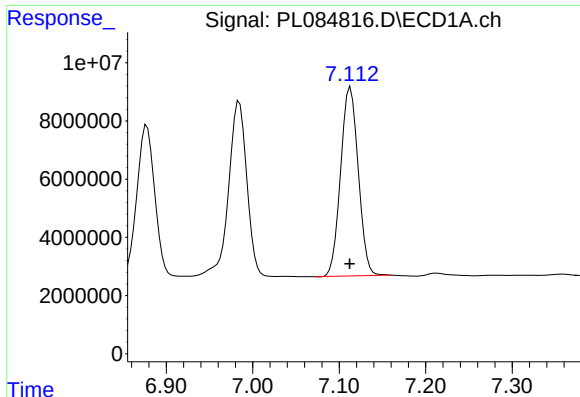
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 74325926  
Conc: 44.06 ng/ml



#18 Endrin aldehyde

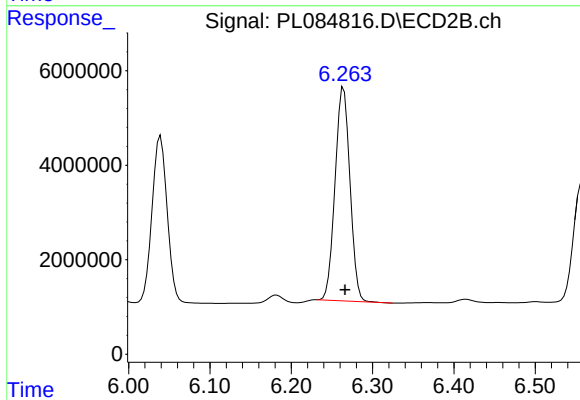
R.T.: 6.039 min  
Delta R.T.: -0.002 min  
Response: 46237686  
Conc: 46.62 ng/ml



#19 Endosulfan Sulfate

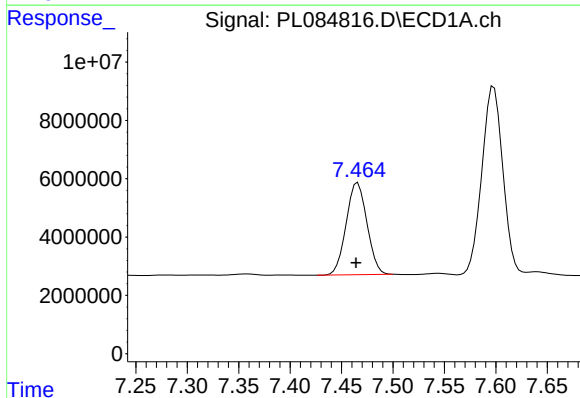
R.T.: 7.113 min  
Delta R.T.: 0.000 min  
Response: 91560392  
Conc: 45.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



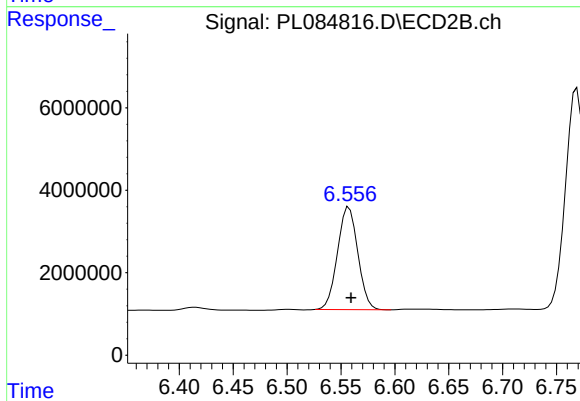
#19 Endosulfan Sulfate

R.T.: 6.264 min  
Delta R.T.: -0.002 min  
Response: 57502729  
Conc: 48.35 ng/ml



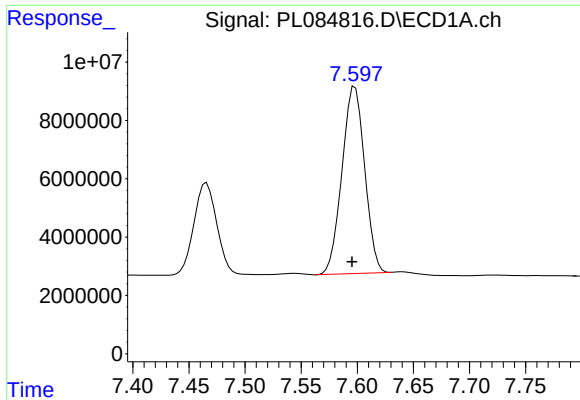
#20 Methoxychlor

R.T.: 7.466 min  
Delta R.T.: 0.002 min  
Response: 44463393  
Conc: 46.33 ng/ml



#20 Methoxychlor

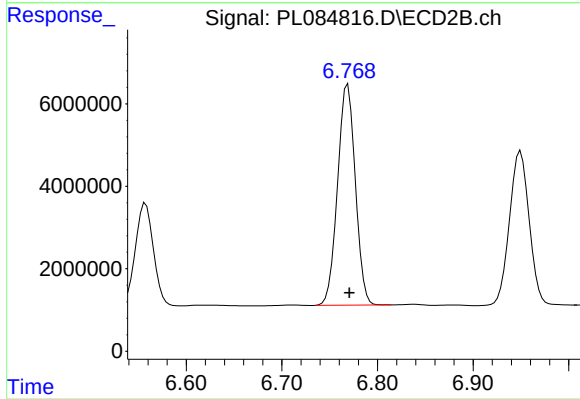
R.T.: 6.557 min  
Delta R.T.: -0.002 min  
Response: 32729292  
Conc: 47.70 ng/ml



#21 Endrin ketone

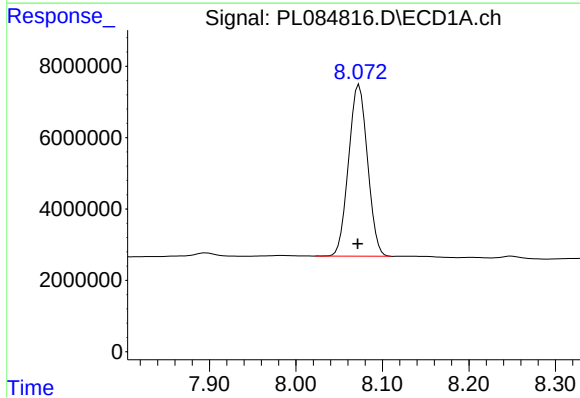
R.T.: 7.598 min  
Delta R.T.: 0.003 min  
Response: 90115294  
Conc: 45.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



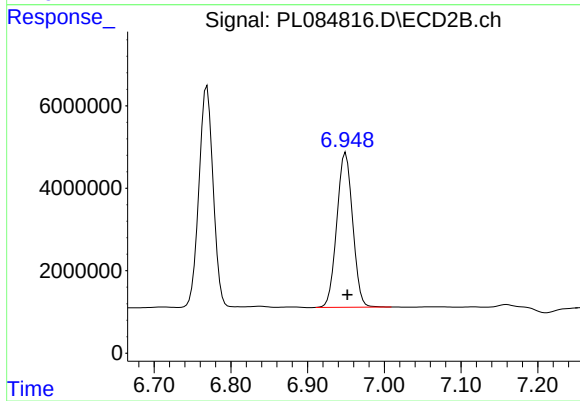
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.002 min  
Response: 69256767  
Conc: 48.00 ng/ml



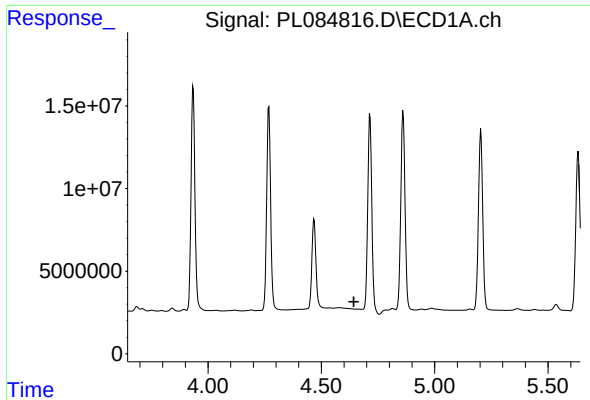
#22 Mirex

R.T.: 8.073 min  
Delta R.T.: 0.002 min  
Response: 72923284  
Conc: 43.91 ng/ml



#22 Mirex

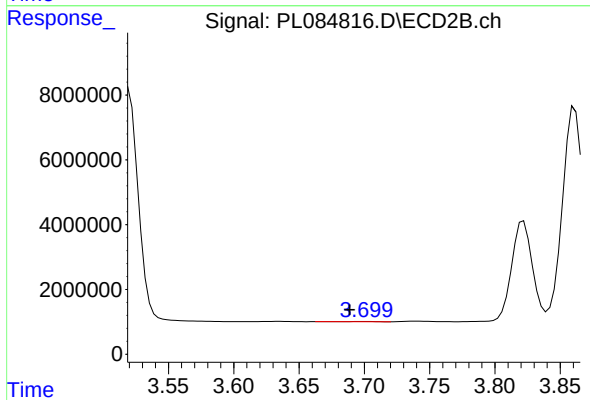
R.T.: 6.950 min  
Delta R.T.: -0.002 min  
Response: 53889489  
Conc: 46.73 ng/ml



#23 Chlordane-1

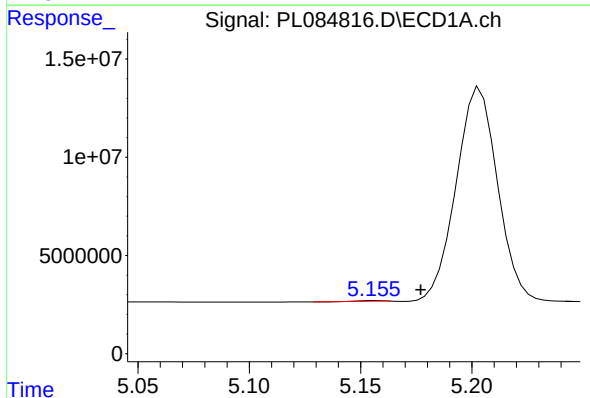
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



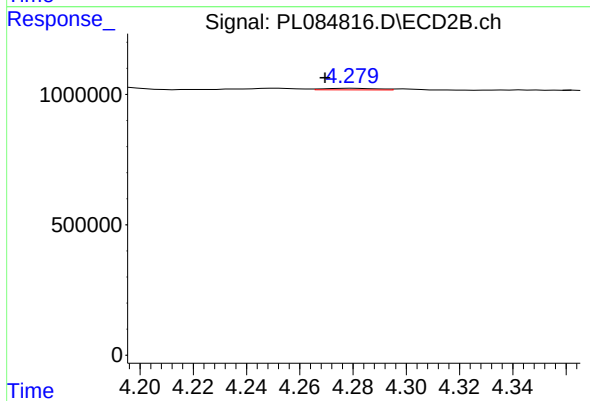
#23 Chlordane-1

R.T.: 3.701 min  
Delta R.T.: 0.012 min  
Response: 114774  
Conc: 2.99 ng/ml



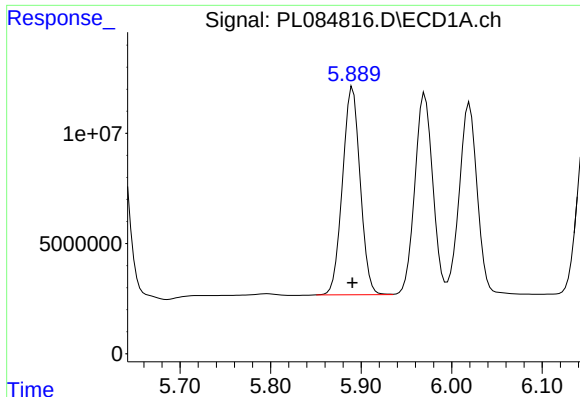
#24 Chlordane-2

R.T.: 5.156 min  
Delta R.T.: -0.021 min  
Response: 214282  
Conc: 1.88 ng/ml



#24 Chlordane-2

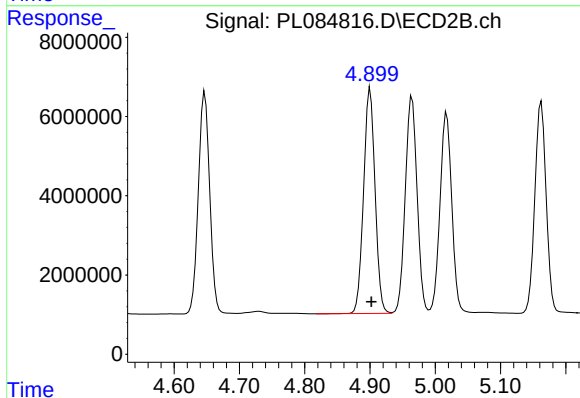
R.T.: 4.280 min  
Delta R.T.: 0.011 min  
Response: 84390  
Conc: 1.68 ng/ml



#25 Chlordane-3

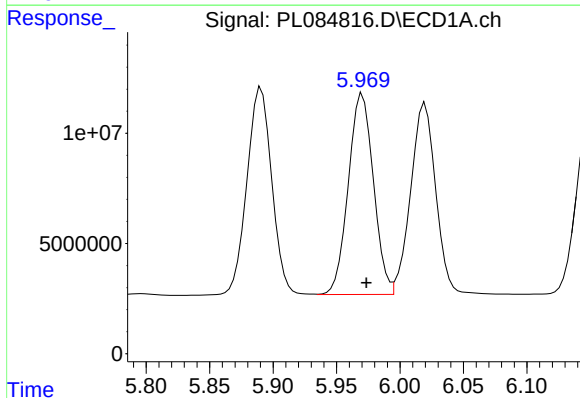
R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 127862255  
Conc: 317.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



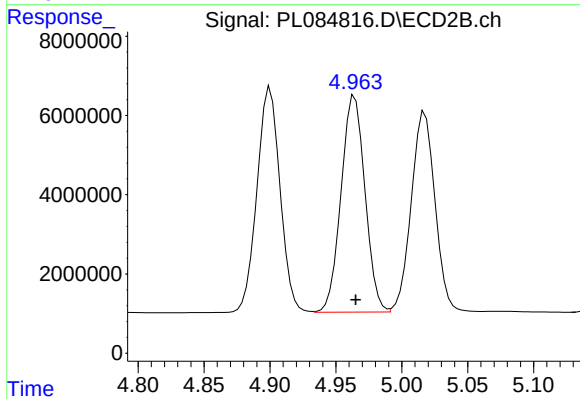
#25 Chlordane-3

R.T.: 4.900 min  
Delta R.T.: -0.002 min  
Response: 69410858  
Conc: 501.06 ng/ml



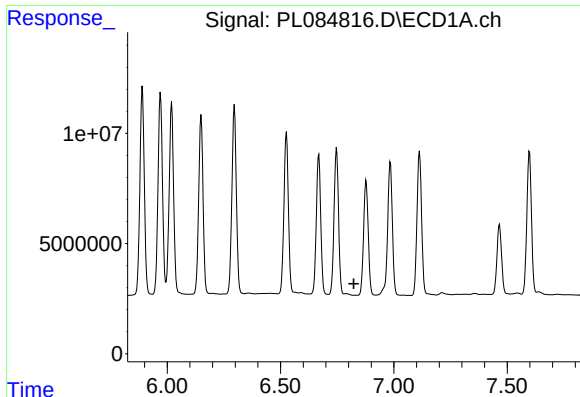
#26 Chlordane-4

R.T.: 5.970 min  
Delta R.T.: -0.003 min  
Response: 125479645  
Conc: 259.05 ng/ml



#26 Chlordane-4

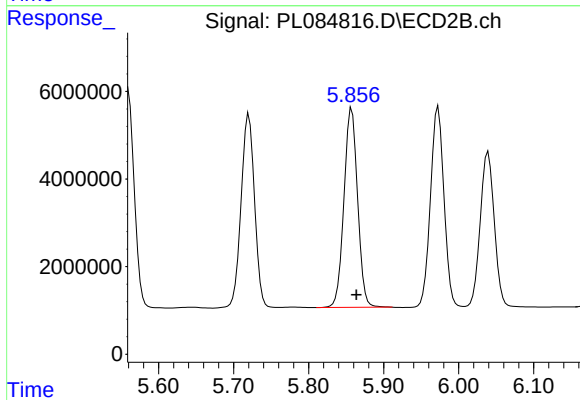
R.T.: 4.964 min  
Delta R.T.: 0.000 min  
Response: 68917493  
Conc: 480.17 ng/ml



#27 Chlordane-5

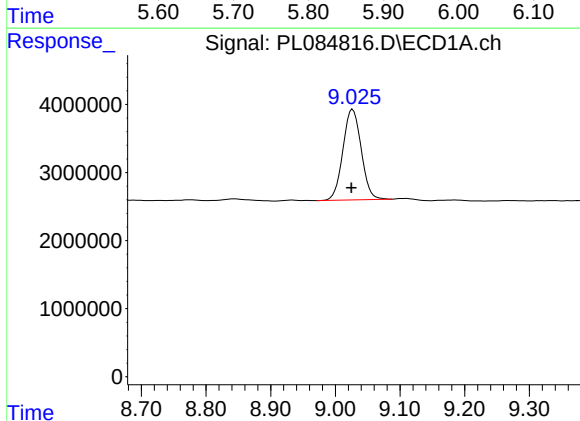
R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



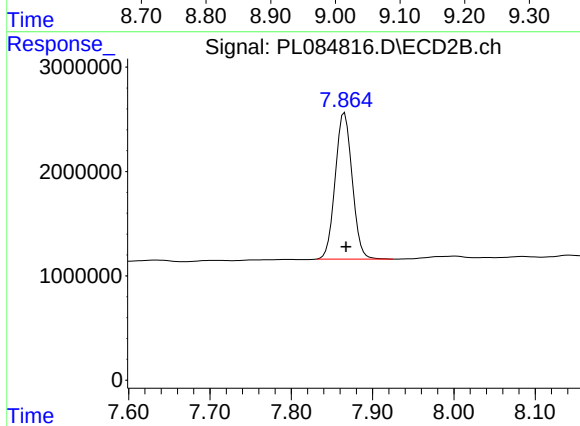
#27 Chlordane-5

R.T.: 5.858 min  
Delta R.T.: -0.006 min  
Response: 57534767  
Conc: 1129.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 26262397  
Conc: 16.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.002 min  
Response: 20328432  
Conc: 16.30 ng/ml