

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010224\  
 Data File : PL087603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jan 2024 16:10  
 Operator : AR\AJ  
 Sample : 06045-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MR-300-0-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 02 20:37:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 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... | 3.420  | 2.674  | 31639909 | 12920720 | 10.569 | 10.666   |
| 28)                         | SA Decachlor... | 8.982  | 7.864  | 27663521 | 11791627 | 9.713  | 9.308    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.803  | 3.851  | 15138827 | 5056296  | 3.445  | 2.839    |
| 5)                          | MB Aldrin       | 5.122f | 4.112f | 5521368  | 306675   | 1.288  | 0.174 #  |
| 6)                          | B beta-BHC      | 4.438f | 0.000  | 456180   | 0        | 0.245  | N.D. #   |
| 7)                          | B delta-BHC     | 4.660  | 4.044  | 1212821  | 116072   | 0.288  | 0.067 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.020  | 0        | 195140   | N.D.   | 0.126 #  |
| 10)                         | B gamma-Chl...  | 5.839  | 4.891  | 3372677  | 1155976  | 0.872  | 0.716    |
| 11)                         | B alpha-Chl...  | 5.920  | 4.956  | 9944959  | 2149283  | 2.588  | 1.295 #  |
| 12)                         | B 4,4'-DDE      | 6.097  | 5.154  | 4786508  | 1739430  | 1.497  | 1.293    |
| 13)                         | MA Dieldrin     | 6.248  | 5.285  | 1623375  | 429189   | 0.436  | 0.270 #  |
| 14)                         | MA Endrin       | 6.478  | 5.572f | 51006    | 972393   | 0.016  | 0.686 #  |
| 15)                         | B Endosulfa...  | 6.695  | 5.854  | 1901983  | 1338924  | 0.593  | 0.978 #  |
| 16)                         | A 4,4'-DDD      | 6.629  | 5.714  | 3554887  | 114251   | 1.379  | 0.101 #  |
| 17)                         | MA 4,4'-DDT     | 6.934  | 5.963  | 6118758  | 4409646  | 2.140  | 3.543 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.059f | 0        | 1348646  | N.D.   | 1.160 #  |
| 19)                         | B Endosulfa...  | 7.052  | 6.263  | 1987227  | 1798064  | 0.650  | 1.370 #  |
| 21)                         | B Endrin ke...  | 7.535  | 0.000  | 9242496  | 0        | 2.842  | N.D. #   |
| 22)                         | Mirex           | 8.027  | 6.946  | 10158354 | 5536498  | 3.623  | 4.128    |
| 23)                         | Chlordane-1     | 4.586  | 3.675  | 4074528  | 1655422  | 30.526 | 35.419   |
| 24)                         | Chlordane-2     | 5.122  | 4.257  | 5521368  | 2312406  | 37.441 | 41.331   |
| 25)                         | Chlordane-3     | 5.839  | 4.891  | 3372677  | 1155976  | 6.063  | 7.304    |
| 26)                         | Chlordane-4     | 5.920  | 4.956  | 9944959  | 2149283  | 14.377 | 12.579   |
| 27)                         | Chlordane-5     | 6.770  | 5.633  | 2253777  | 1417072  | 19.985 | 30.105 # |
| -----                       |                 |        |        |          |          |        |          |

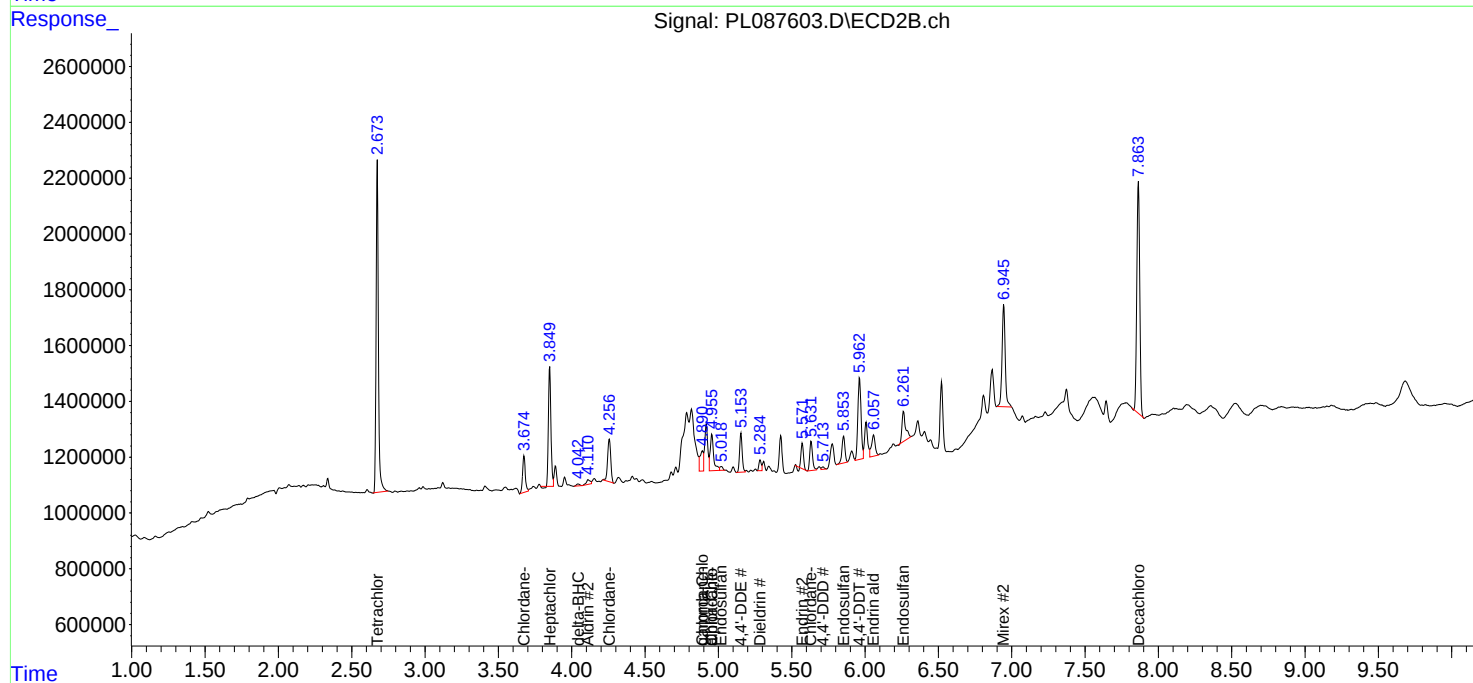
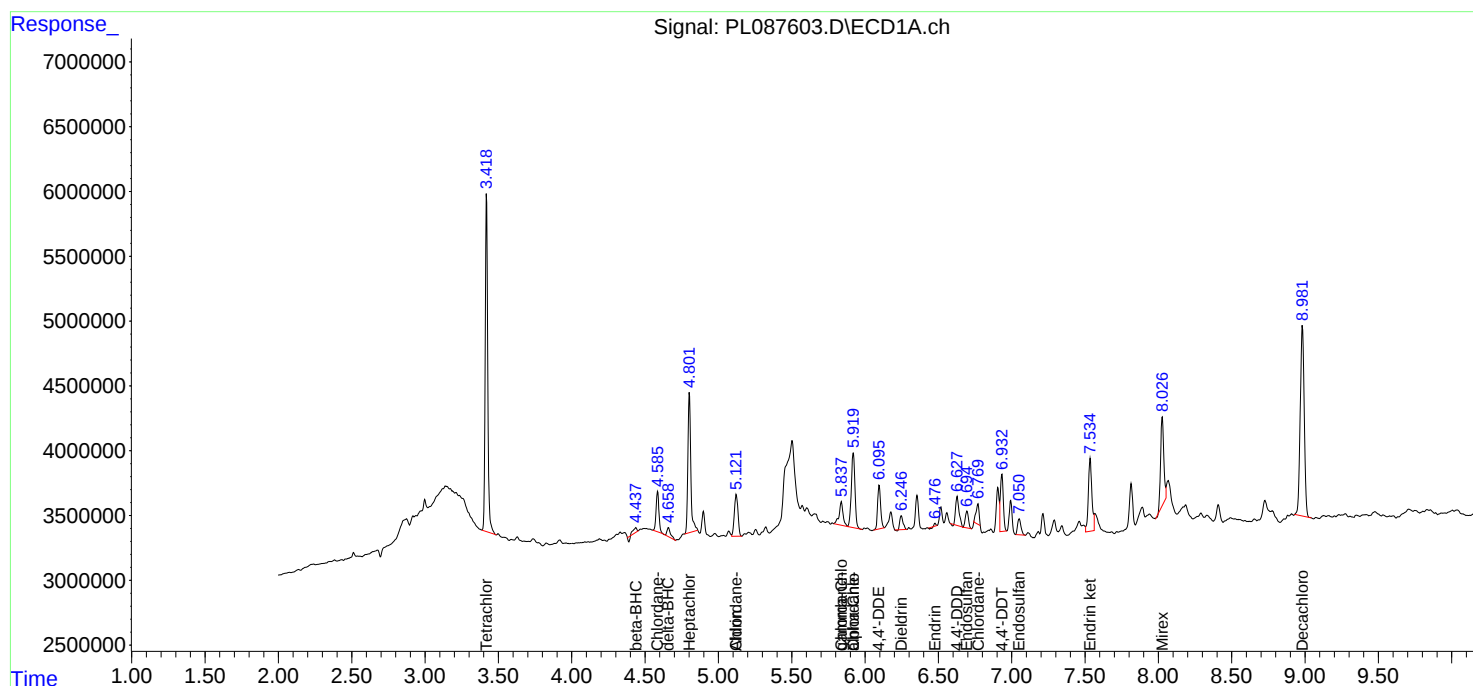
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

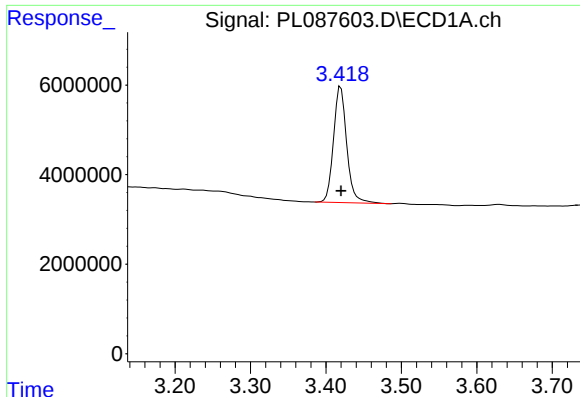
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010224\  
Data File : PL087603.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jan 2024 16:10  
Operator : AR\AJ  
Sample : 06045-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 02 20:37:21 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 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

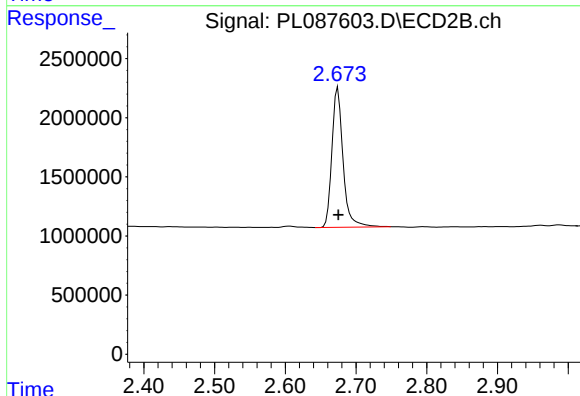




#1 Tetrachloro-m-xylene

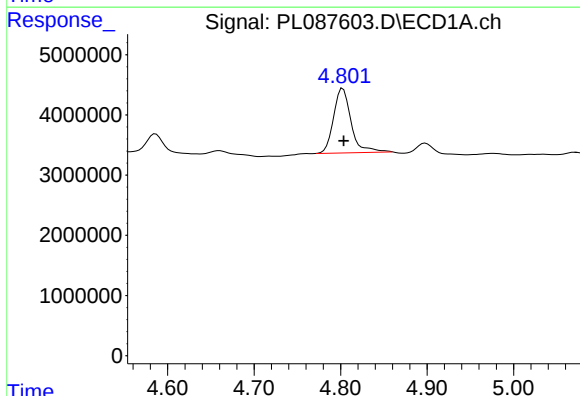
R.T.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 31639909  
Conc: 10.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



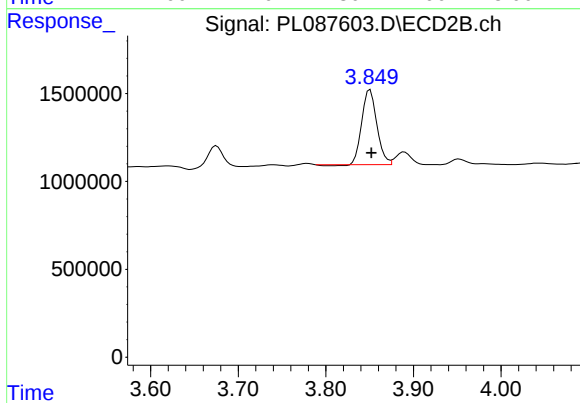
#1 Tetrachloro-m-xylene

R.T.: 2.674 min  
Delta R.T.: 0.000 min  
Response: 12920720  
Conc: 10.67 ng/ml



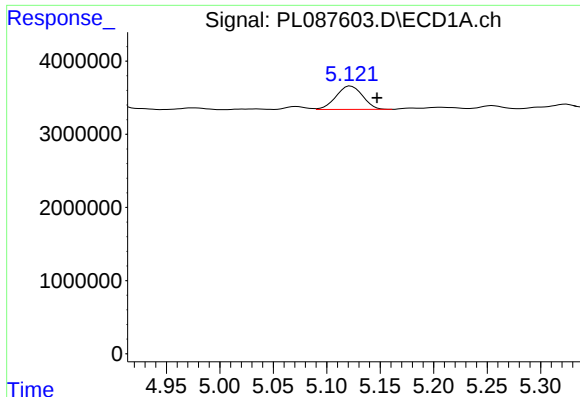
#4 Heptachlor

R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 15138827  
Conc: 3.45 ng/ml



#4 Heptachlor

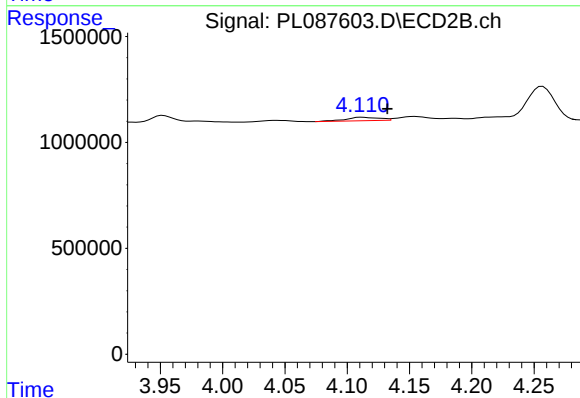
R.T.: 3.851 min  
Delta R.T.: -0.001 min  
Response: 5056296  
Conc: 2.84 ng/ml



#5 Aldrin

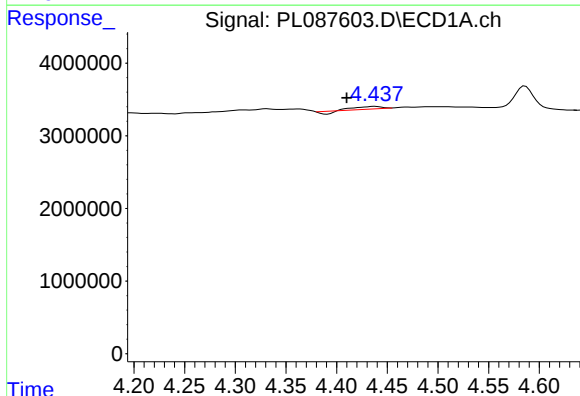
R.T.: 5.122 min  
Delta R.T.: -0.025 min  
Response: 5521368  
Conc: 1.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



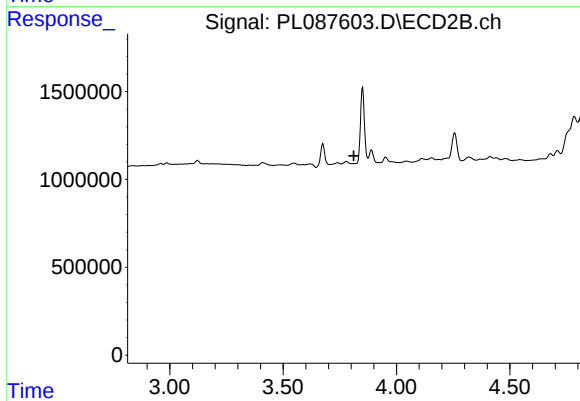
#5 Aldrin

R.T.: 4.112 min  
Delta R.T.: -0.021 min  
Response: 306675  
Conc: 0.17 ng/ml



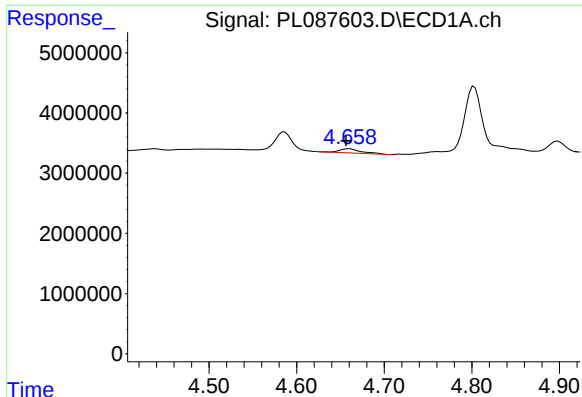
#6 beta-BHC

R.T.: 4.438 min  
Delta R.T.: 0.028 min  
Response: 456180  
Conc: 0.25 ng/ml



#6 beta-BHC

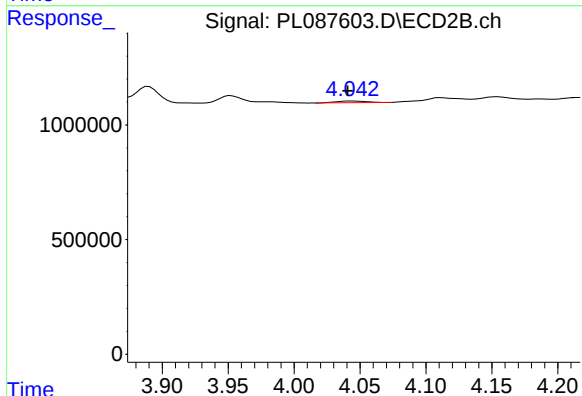
R.T.: 0.000 min  
Exp R.T. : 3.811 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

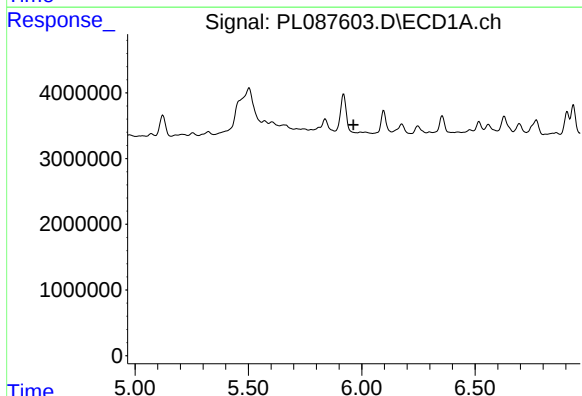
R.T.: 4.660 min  
Delta R.T.: 0.003 min  
Response: 1212821  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



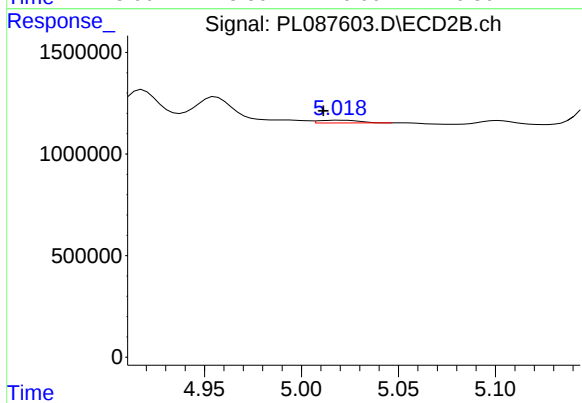
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: 0.003 min  
Response: 116072  
Conc: 0.07 ng/ml



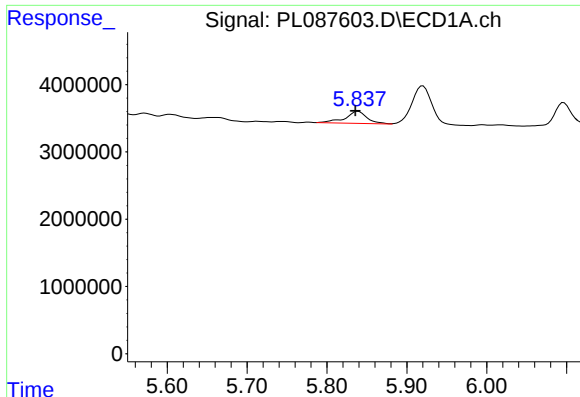
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.964 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

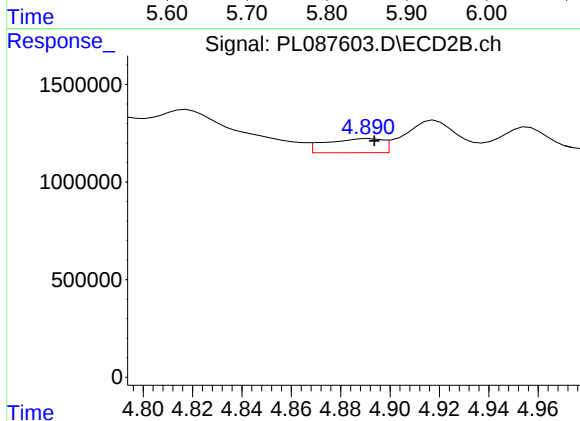
R.T.: 5.020 min  
Delta R.T.: 0.009 min  
Response: 195140  
Conc: 0.13 ng/ml



#10 gamma-Chlordane

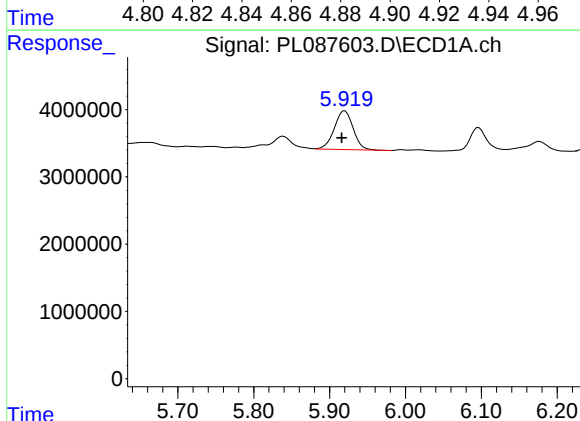
R.T.: 5.839 min  
Delta R.T.: 0.003 min  
Response: 3372677  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



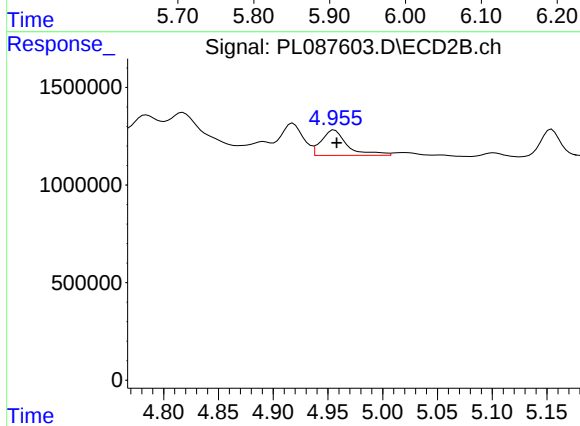
#10 gamma-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 1155976  
Conc: 0.72 ng/ml



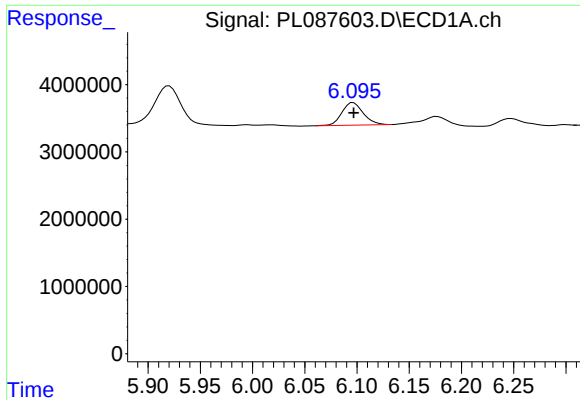
#11 alpha-Chlordane

R.T.: 5.920 min  
Delta R.T.: 0.004 min  
Response: 9944959  
Conc: 2.59 ng/ml



#11 alpha-Chlordane

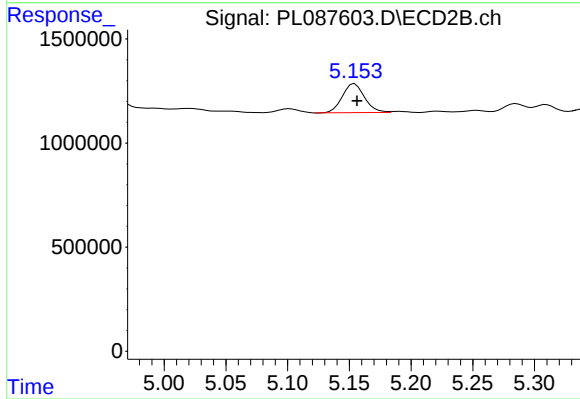
R.T.: 4.956 min  
Delta R.T.: -0.002 min  
Response: 2149283  
Conc: 1.30 ng/ml



#12 4,4'-DDE

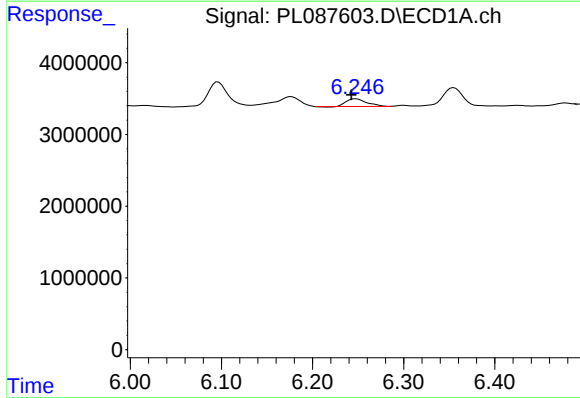
R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 4786508  
Conc: 1.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



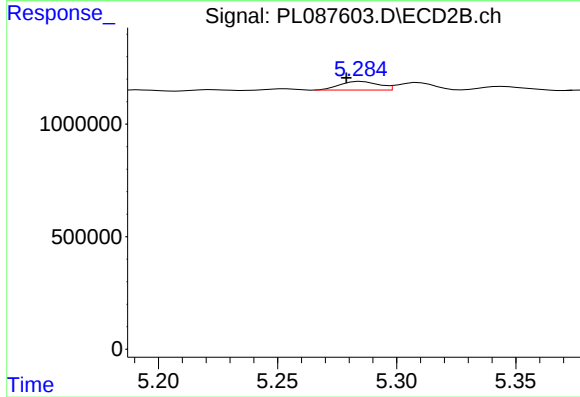
#12 4,4'-DDE

R.T.: 5.154 min  
Delta R.T.: -0.002 min  
Response: 1739430  
Conc: 1.29 ng/ml



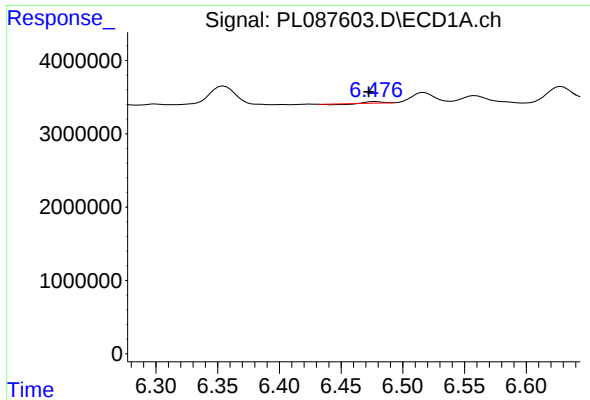
#13 Dieldrin

R.T.: 6.248 min  
Delta R.T.: 0.005 min  
Response: 1623375  
Conc: 0.44 ng/ml



#13 Dieldrin

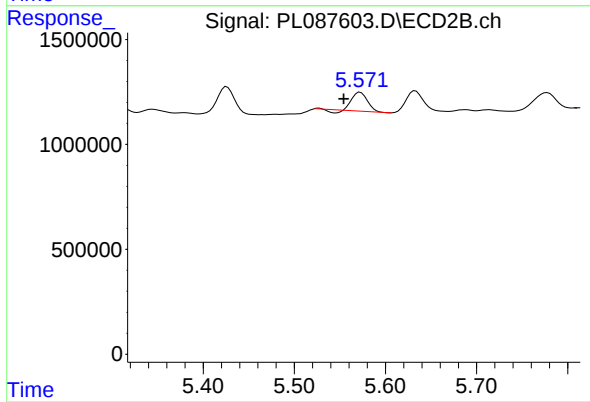
R.T.: 5.285 min  
Delta R.T.: 0.006 min  
Response: 429189  
Conc: 0.27 ng/ml



#14 Endrin

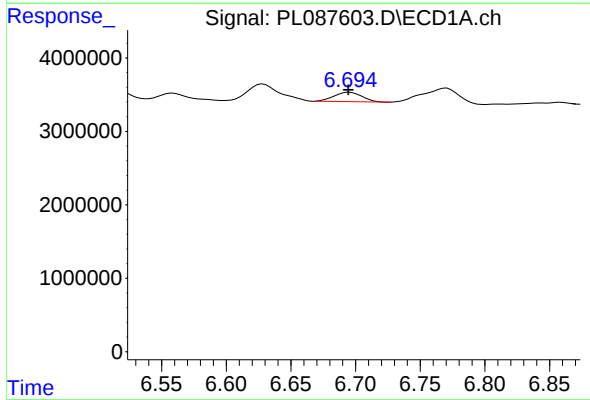
R.T.: 6.478 min  
Delta R.T.: 0.005 min  
Response: 51006  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



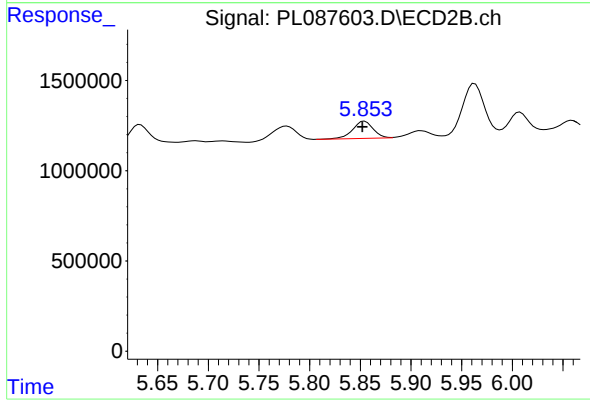
#14 Endrin

R.T.: 5.572 min  
Delta R.T.: 0.018 min  
Response: 972393  
Conc: 0.69 ng/ml



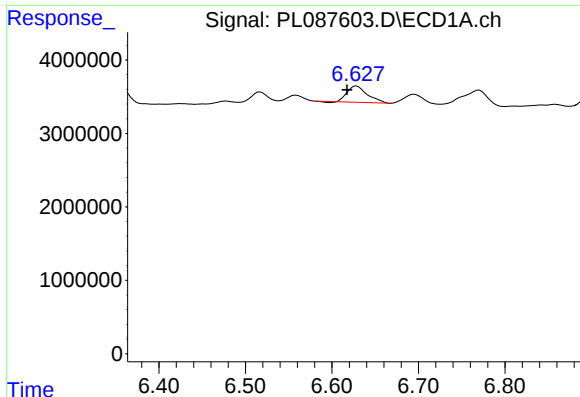
#15 Endosulfan II

R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 1901983  
Conc: 0.59 ng/ml



#15 Endosulfan II

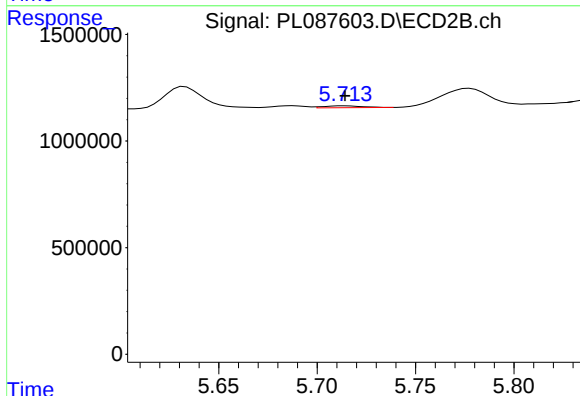
R.T.: 5.854 min  
Delta R.T.: 0.002 min  
Response: 1338924  
Conc: 0.98 ng/ml



#16 4,4'-DDD

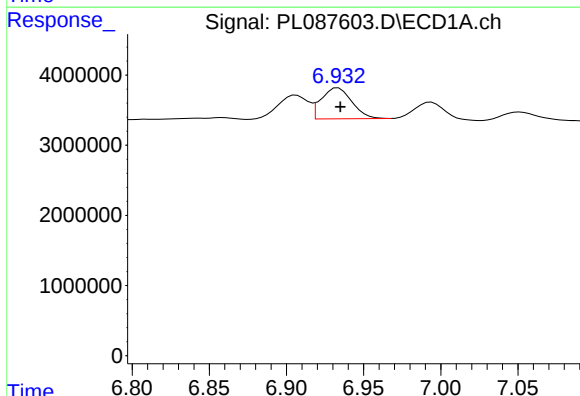
R.T.: 6.629 min  
Delta R.T.: 0.011 min  
Response: 3554887  
Conc: 1.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



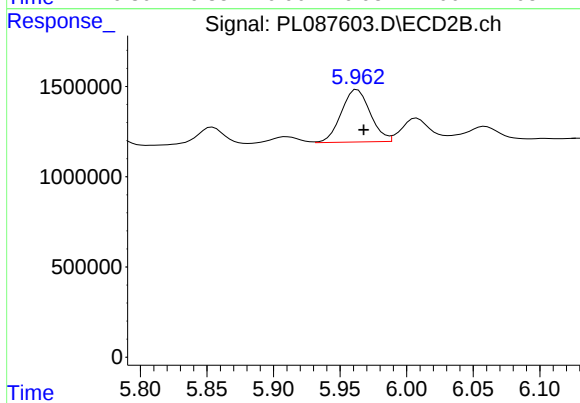
#16 4,4'-DDD

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 114251  
Conc: 0.10 ng/ml



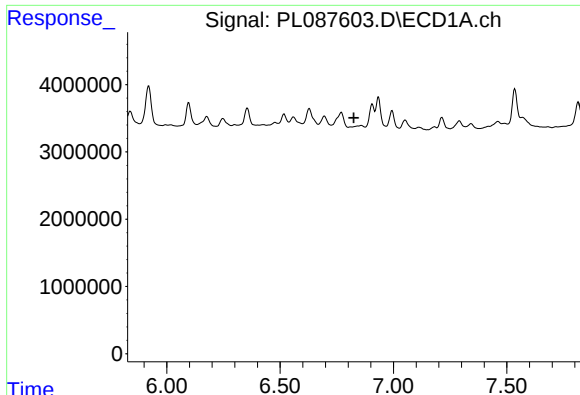
#17 4,4'-DDT

R.T.: 6.934 min  
Delta R.T.: -0.001 min  
Response: 6118758  
Conc: 2.14 ng/ml



#17 4,4'-DDT

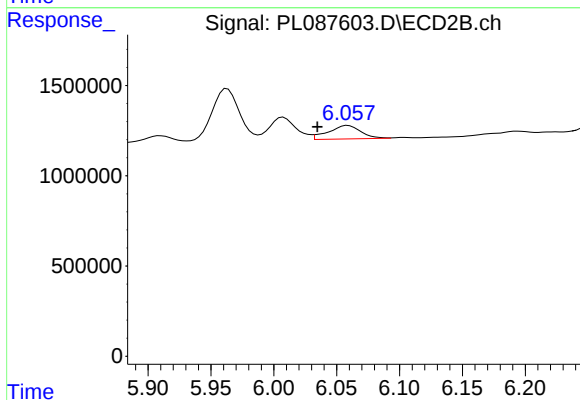
R.T.: 5.963 min  
Delta R.T.: -0.005 min  
Response: 4409646  
Conc: 3.54 ng/ml



#18 Endrin aldehyde

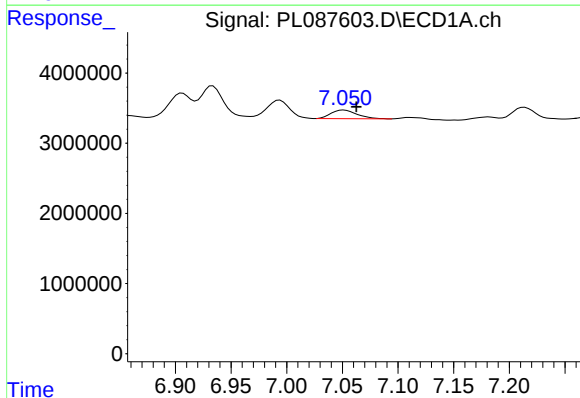
R.T.: 0.000 min  
Exp R.T.: 6.825 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



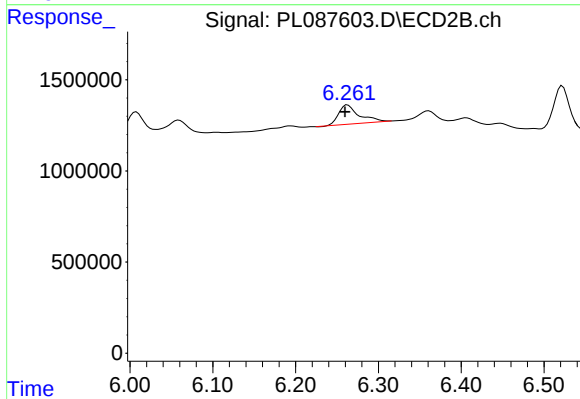
#18 Endrin aldehyde

R.T.: 6.059 min  
Delta R.T.: 0.024 min  
Response: 1348646  
Conc: 1.16 ng/ml



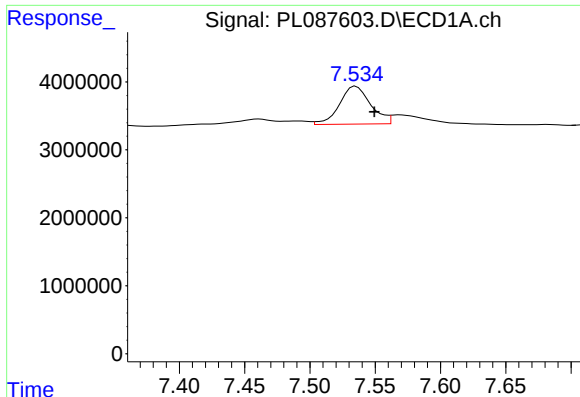
#19 Endosulfan Sulfate

R.T.: 7.052 min  
Delta R.T.: -0.011 min  
Response: 1987227  
Conc: 0.65 ng/ml



#19 Endosulfan Sulfate

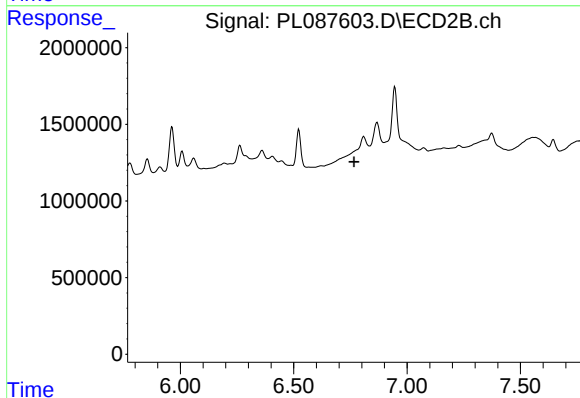
R.T.: 6.263 min  
Delta R.T.: 0.003 min  
Response: 1798064  
Conc: 1.37 ng/ml



#21 Endrin ketone

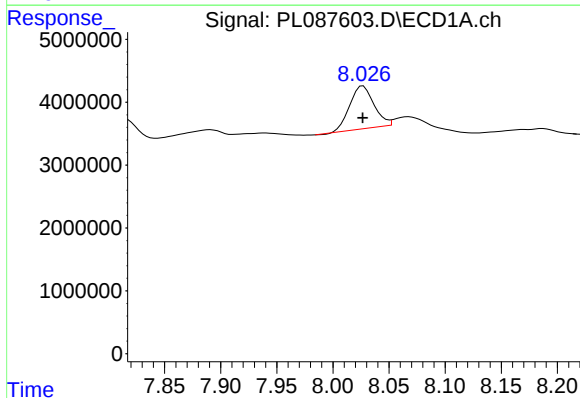
R.T.: 7.535 min  
Delta R.T.: -0.014 min  
Response: 9242496  
Conc: 2.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



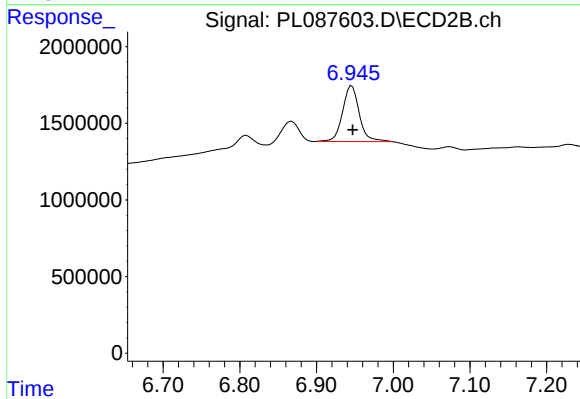
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.766 min  
Response: 0  
Conc: N.D.



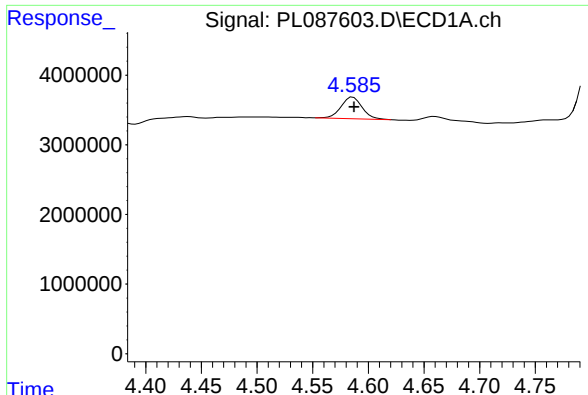
#22 Mirex

R.T.: 8.027 min  
Delta R.T.: 0.000 min  
Response: 10158354  
Conc: 3.62 ng/ml



#22 Mirex

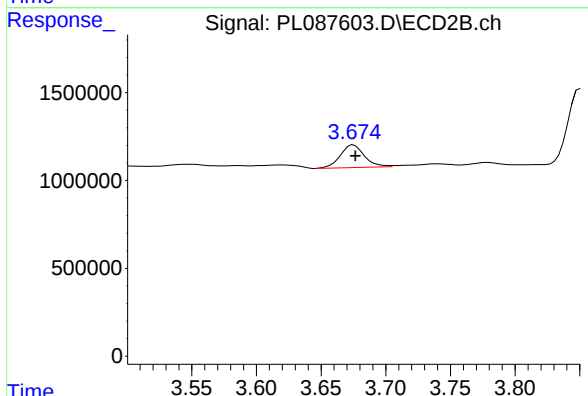
R.T.: 6.946 min  
Delta R.T.: -0.001 min  
Response: 5536498  
Conc: 4.13 ng/ml



#23 Chlordane-1

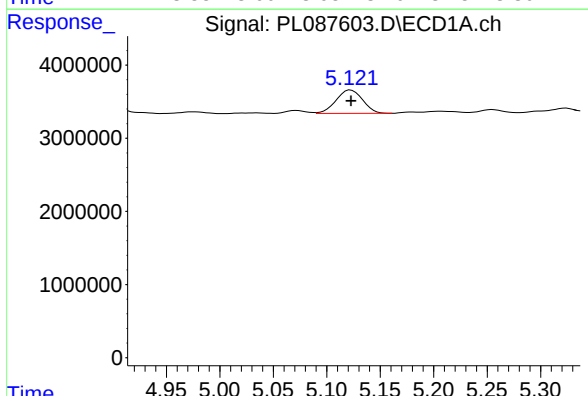
R.T.: 4.586 min  
Delta R.T.: -0.001 min  
Response: 4074528  
Conc: 30.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



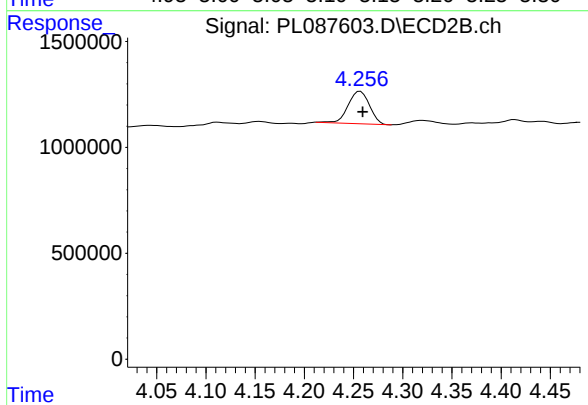
#23 Chlordane-1

R.T.: 3.675 min  
Delta R.T.: -0.001 min  
Response: 1655422  
Conc: 35.42 ng/ml



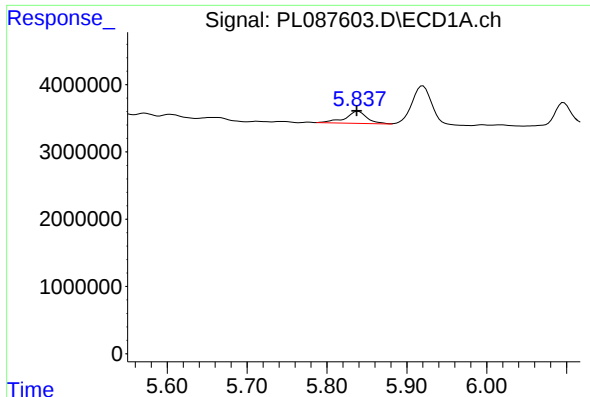
#24 Chlordane-2

R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 5521368  
Conc: 37.44 ng/ml



#24 Chlordane-2

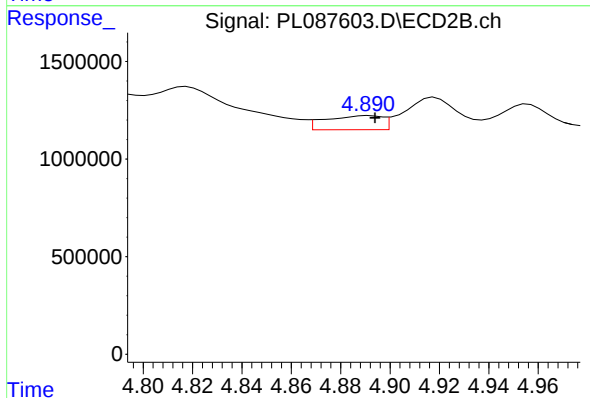
R.T.: 4.257 min  
Delta R.T.: -0.002 min  
Response: 2312406  
Conc: 41.33 ng/ml



#25 Chlordane-3

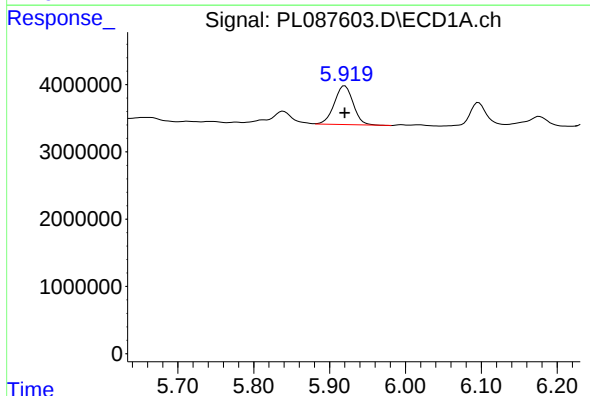
R.T.: 5.839 min  
Delta R.T.: 0.001 min  
Response: 3372677  
Conc: 6.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



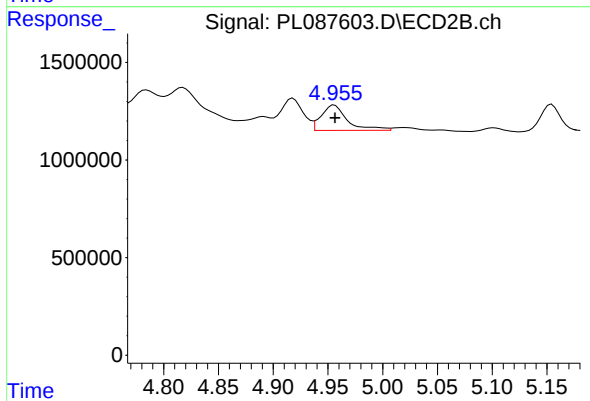
#25 Chlordane-3

R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 1155976  
Conc: 7.30 ng/ml



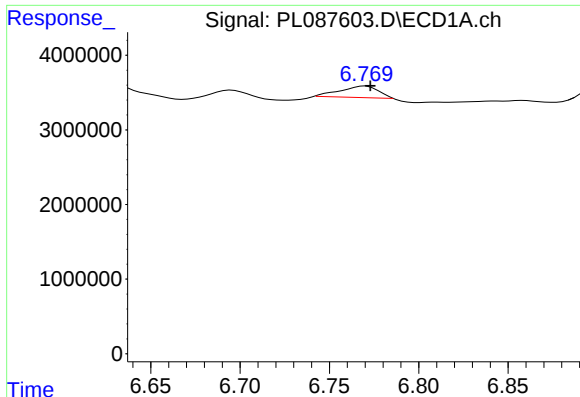
#26 Chlordane-4

R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 9944959  
Conc: 14.38 ng/ml



#26 Chlordane-4

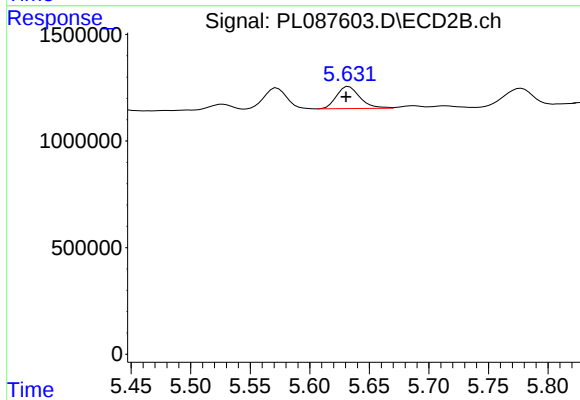
R.T.: 4.956 min  
Delta R.T.: 0.000 min  
Response: 2149283  
Conc: 12.58 ng/ml



#27 Chlordane-5

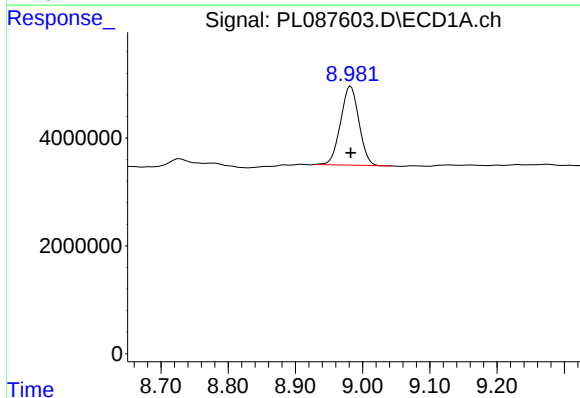
R.T.: 6.770 min  
Delta R.T.: -0.003 min  
Response: 2253777  
Conc: 19.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-300-0-2



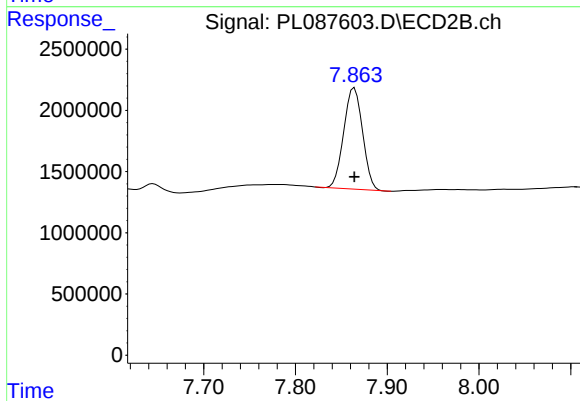
#27 Chlordane-5

R.T.: 5.633 min  
Delta R.T.: 0.002 min  
Response: 1417072  
Conc: 30.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: 0.000 min  
Response: 27663521  
Conc: 9.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 11791627  
Conc: 9.31 ng/ml