

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072623\  
 Data File : PL084255.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2023 00:20  
 Operator : AR\AJ  
 Sample : 03769-07  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 03:13:02 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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  | 2.688  | 35360842 | 19874803 | 17.681 | 17.896  |
| 2)                          | SA Decachlor... | 9.023  | 7.869  | 23772513 | 18310246 | 18.263 | 16.479  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.192  | 0        | 1324314  | N.D.   | 0.824 # |
| 3)                          | MA gamma-BHC... | 4.281f | 3.535  | 707255   | 91262    | 0.250  | 0.060 # |
| 4)                          | MA Heptachlor   | 4.876f | 3.878  | 701962   | 396462   | 0.258  | 0.336 # |
| 5)                          | MB Aldrin       | 5.202  | 4.149  | 5585     | 1219482  | 0.002  | 0.809 # |
| 6)                          | B beta-BHC      | 4.488f | 3.839  | 173176   | 665401   | 0.144  | 1.008 # |
| 7)                          | B delta-BHC     | 4.705  | 4.050  | 3376898  | 3713     | 1.267  | 0.002 # |
| 8)                          | B Heptachlo...  | 5.633  | 4.655  | 542183   | -56549   | 0.203  | N.D. #  |
| 9)                          | A Endosulfan I  | 6.018  | 5.012  | 341951   | 355528   | 0.144  | 0.290 # |
| 10)                         | B gamma-Chl...  | 5.891  | 4.897  | 330846   | 210827   | 0.128  | 0.158   |
| 11)                         | B alpha-Chl...  | 5.973  | 4.959  | 194824   | 215639   | 0.077  | 0.160 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.295  | 0        | 211874   | N.D.   | 0.163 # |
| 14)                         | MA Endrin       | 0.000  | 5.554  | 0        | 20122    | N.D.   | 0.018 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.839f | 0        | 419221   | N.D.   | 0.365 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.005f | 0        | 175582   | N.D.   | 0.193 # |
| 18)                         | B Endrin al...  | 0.000  | 6.062f | 0        | 7455     | N.D.   | 0.008 # |
| 19)                         | B Endosulfa...  | 7.107  | 0.000  | 141185   | 0        | 0.082  | N.D. #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.567  | 0        | 16697    | N.D.   | 0.035 # |
| 21)                         | B Endrin ke...  | 7.604  | 6.771  | 5682886  | 58079    | 3.243  | 0.045 # |
| 22)                         | Mirex           | 0.000  | 6.930f | 0        | 80897    | N.D.   | 0.079 # |
| 25)                         | Chlordane-3     | 5.891  | 4.897  | 330846   | 210827   | 0.094  | 0.154 # |
| 26)                         | Chlordane-4     | 5.973  | 4.959  | 194824   | 215639   | 0.048  | 0.151 # |
| 27)                         | Chlordane-5     | 0.000  | 5.839f | 0        | 419221   | N.D.   | 0.914 # |
| -----                       |                 |        |        |          |          |        |         |

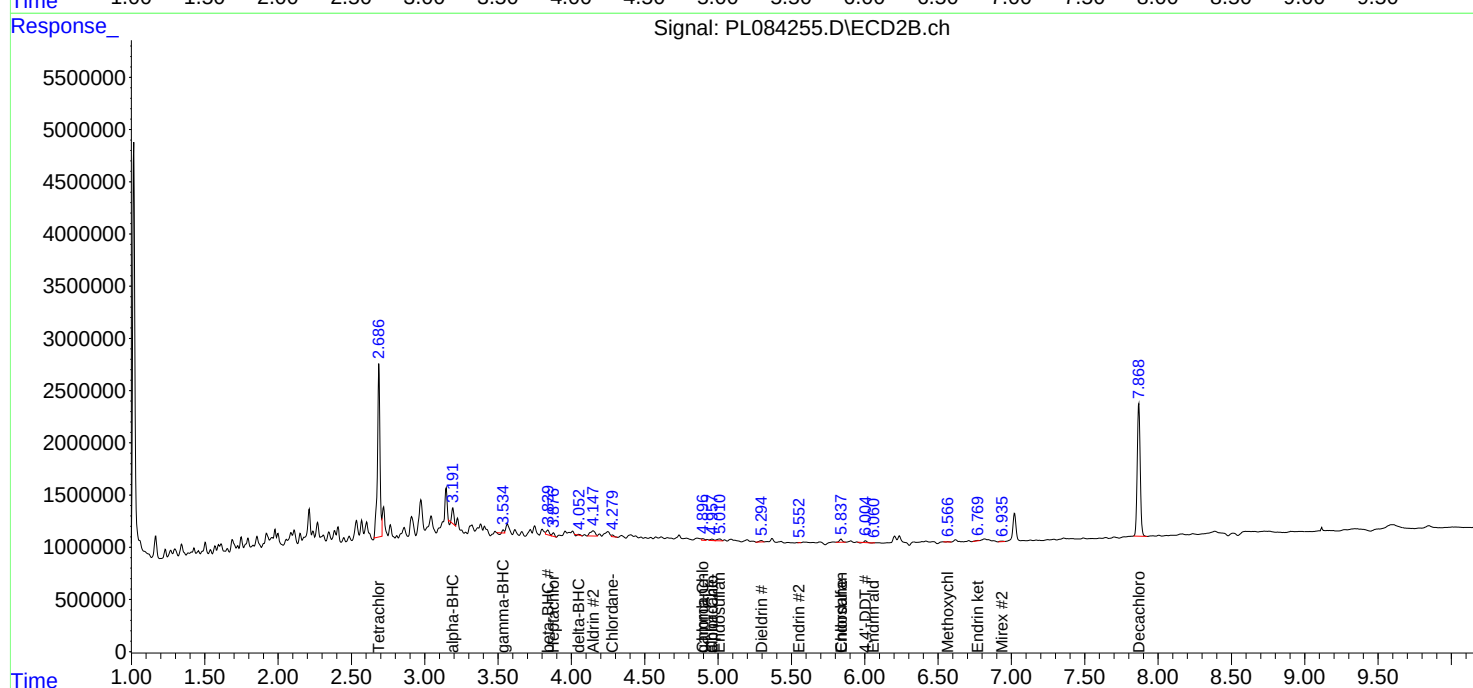
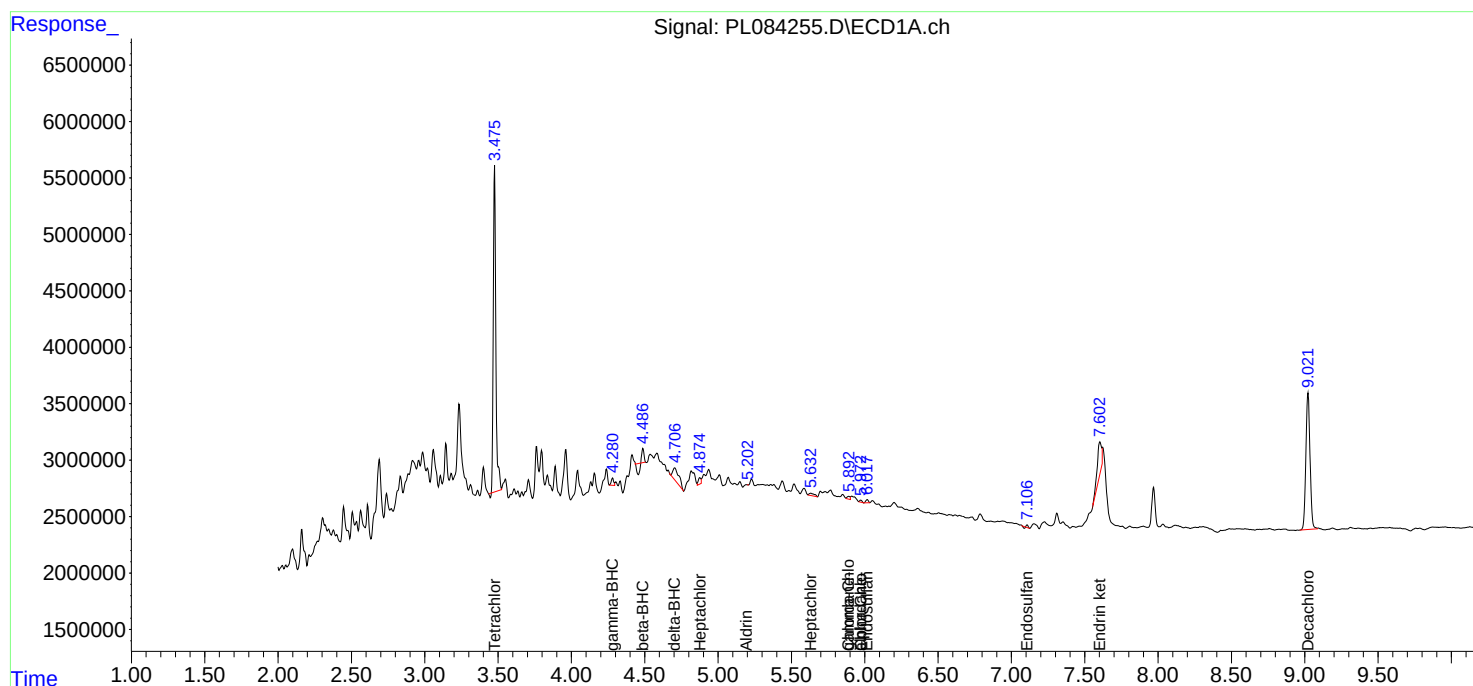
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

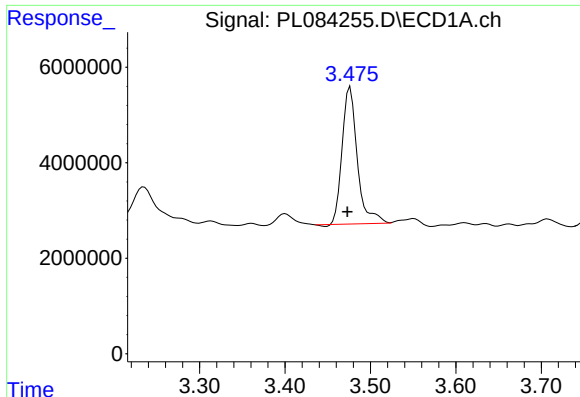
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072623\  
Data File : PL084255.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2023 00:20  
Operator : AR\AJ  
Sample : 03769-07  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 03:13:02 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

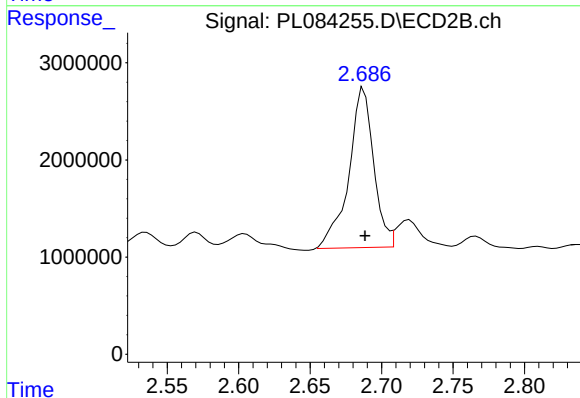




#1 Tetrachloro-m-xylene

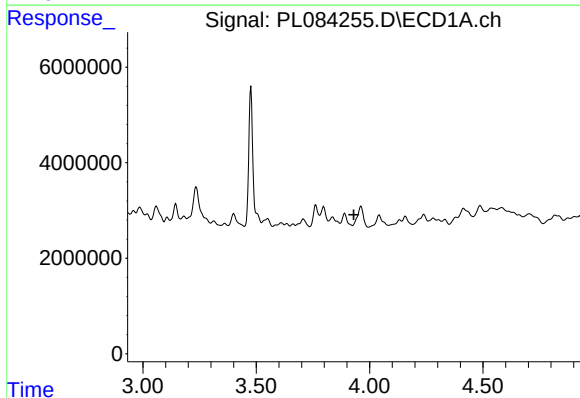
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 35360842  
Conc: 17.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



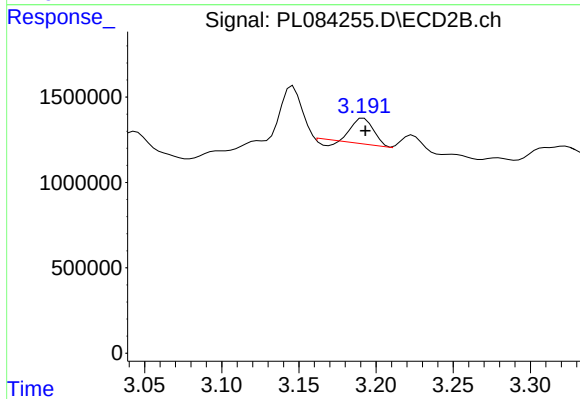
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 19874803  
Conc: 17.90 ng/ml



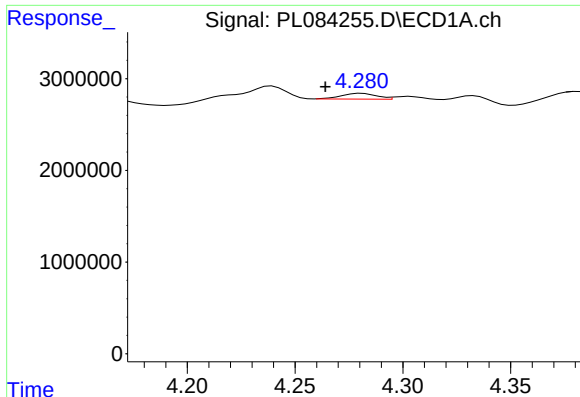
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

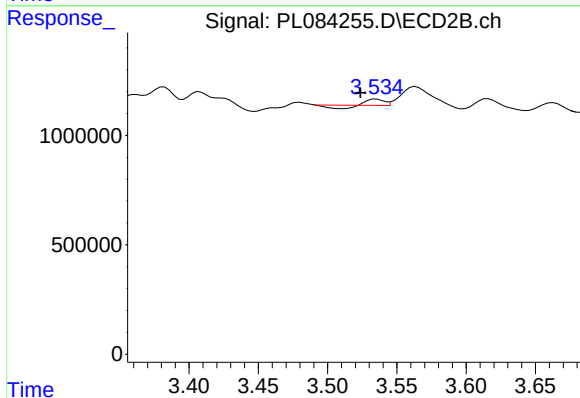
R.T.: 3.192 min  
Delta R.T.: -0.001 min  
Response: 1324314  
Conc: 0.82 ng/ml



#3 gamma-BHC (Lindane)

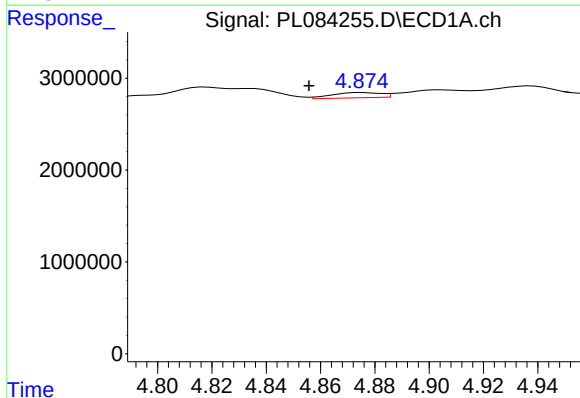
R.T.: 4.281 min  
Delta R.T.: 0.017 min  
Response: 707255  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



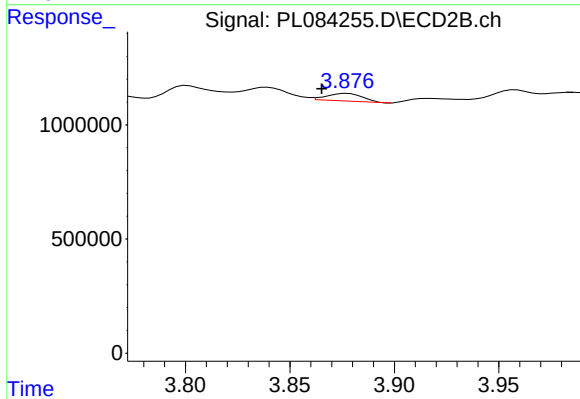
#3 gamma-BHC (Lindane)

R.T.: 3.535 min  
Delta R.T.: 0.012 min  
Response: 91262  
Conc: 0.06 ng/ml



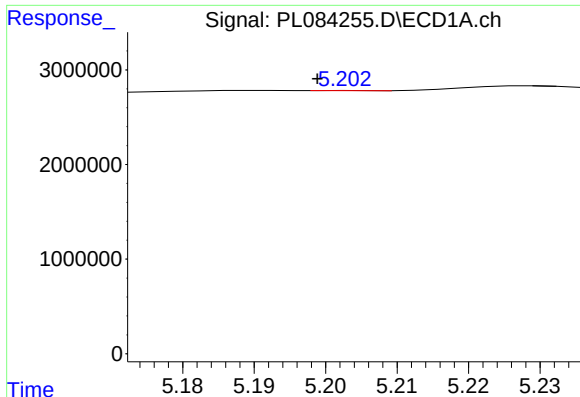
#4 Heptachlor

R.T.: 4.876 min  
Delta R.T.: 0.020 min  
Response: 701962  
Conc: 0.26 ng/ml



#4 Heptachlor

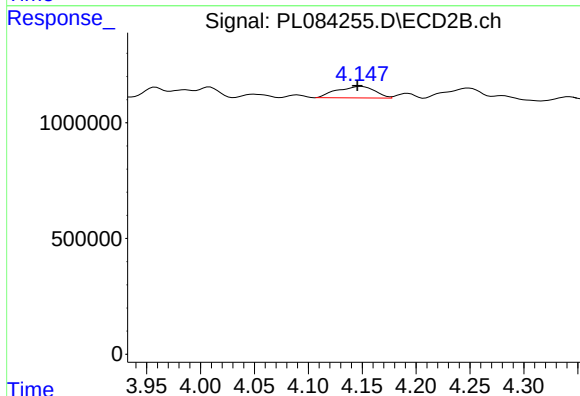
R.T.: 3.878 min  
Delta R.T.: 0.012 min  
Response: 396462  
Conc: 0.34 ng/ml



#5 Aldrin

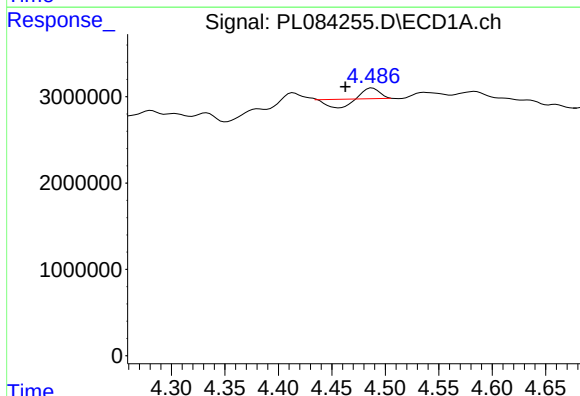
R.T.: 5.202 min  
Delta R.T.: 0.003 min  
Response: 5585  
Conc: 0.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



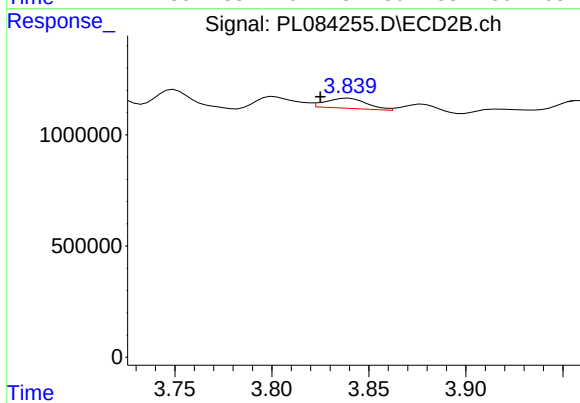
#5 Aldrin

R.T.: 4.149 min  
Delta R.T.: 0.003 min  
Response: 1219482  
Conc: 0.81 ng/ml



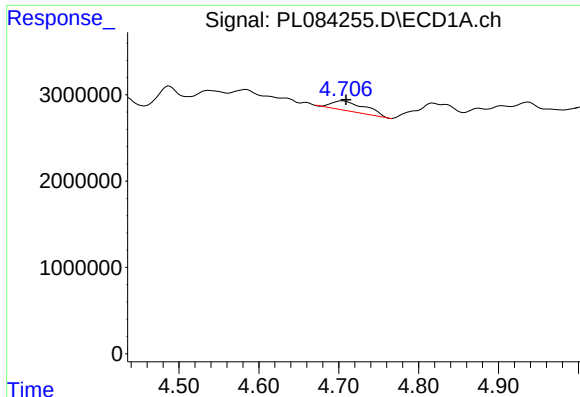
#6 beta-BHC

R.T.: 4.488 min  
Delta R.T.: 0.025 min  
Response: 173176  
Conc: 0.14 ng/ml



#6 beta-BHC

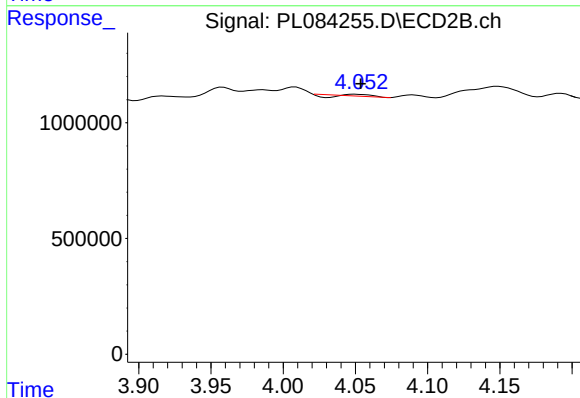
R.T.: 3.839 min  
Delta R.T.: 0.014 min  
Response: 665401  
Conc: 1.01 ng/ml



#7 delta-BHC

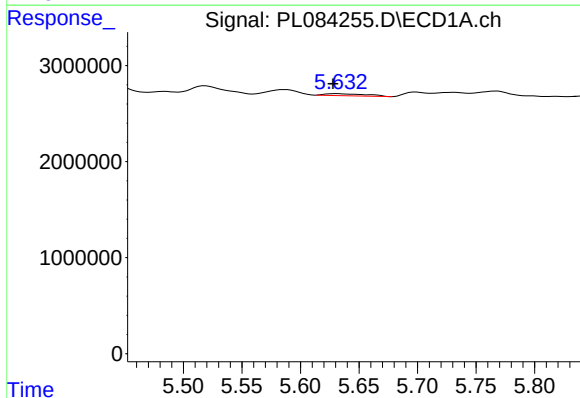
R.T.: 4.705 min  
Delta R.T.: -0.005 min  
Response: 3376898  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



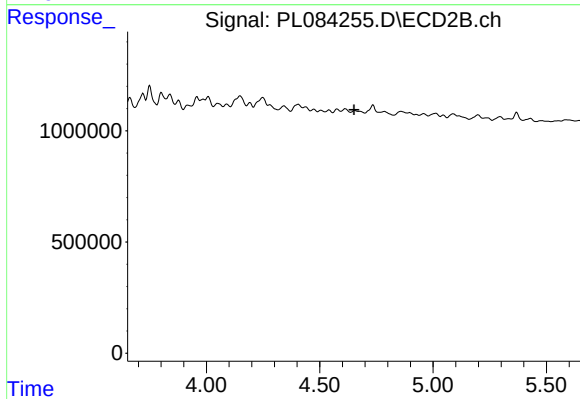
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: -0.004 min  
Response: 3713  
Conc: 0.00 ng/ml



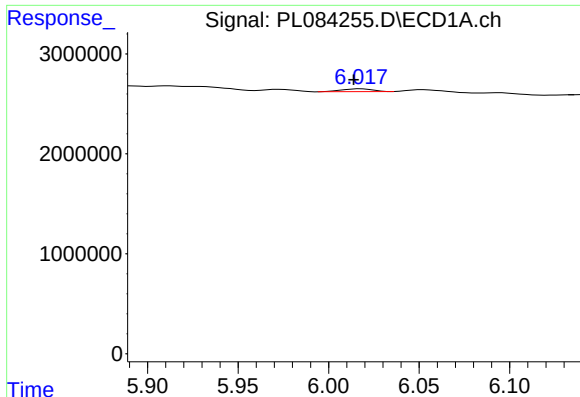
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.005 min  
Response: 542183  
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

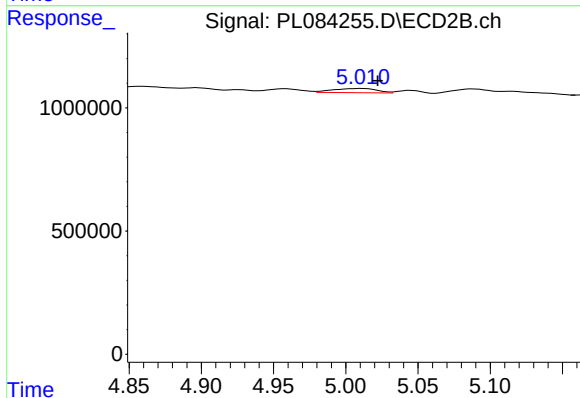
R.T.: 4.655 min  
Delta R.T.: 0.003 min  
Response: -56549  
Conc: N.D.



#9 Endosulfan I

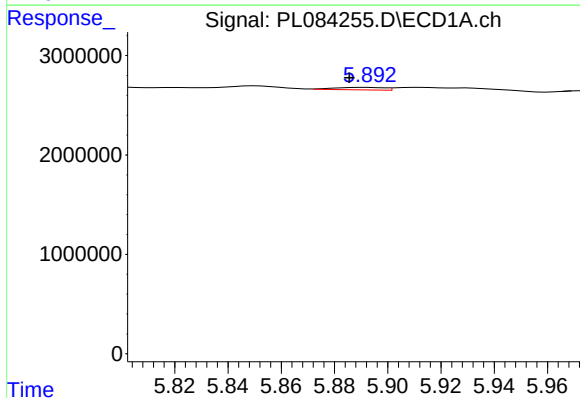
R.T.: 6.018 min  
Delta R.T.: 0.004 min  
Response: 341951  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



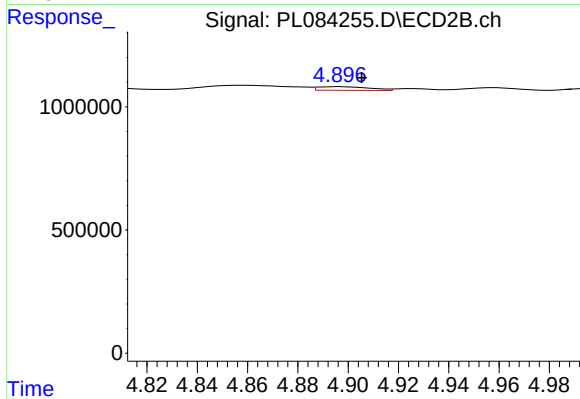
#9 Endosulfan I

R.T.: 5.012 min  
Delta R.T.: -0.011 min  
Response: 355528  
Conc: 0.29 ng/ml



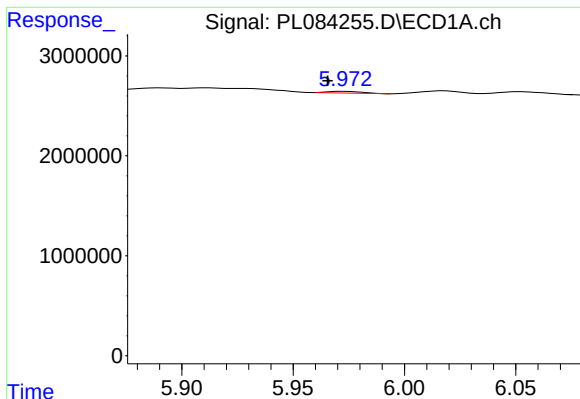
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.006 min  
Response: 330846  
Conc: 0.13 ng/ml



#10 gamma-Chlordane

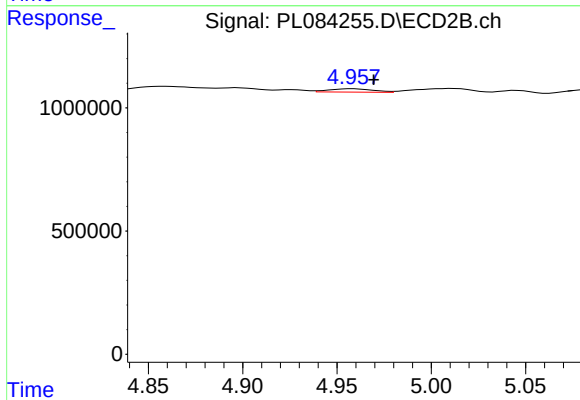
R.T.: 4.897 min  
Delta R.T.: -0.009 min  
Response: 210827  
Conc: 0.16 ng/ml



#11 alpha-Chlordane

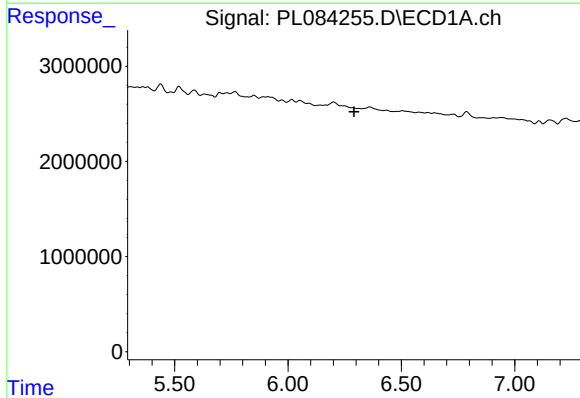
R.T.: 5.973 min  
Delta R.T.: 0.008 min  
Response: 194824  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



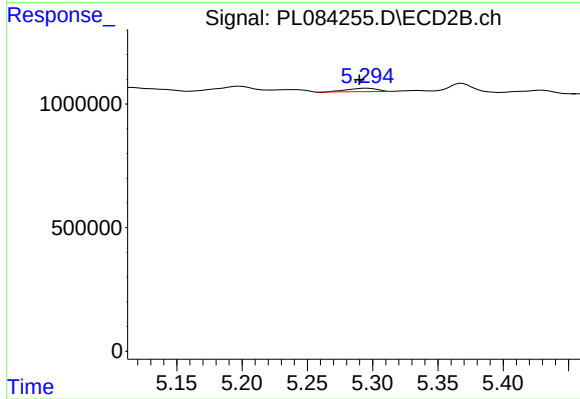
#11 alpha-Chlordane

R.T.: 4.959 min  
Delta R.T.: -0.011 min  
Response: 215639  
Conc: 0.16 ng/ml



#13 Dieldrin

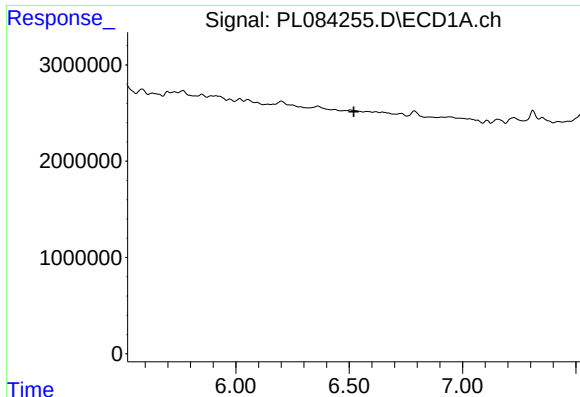
R.T.: 0.000 min  
Exp R.T. : 6.291 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.295 min  
Delta R.T.: 0.006 min  
Response: 211874  
Conc: 0.16 ng/ml

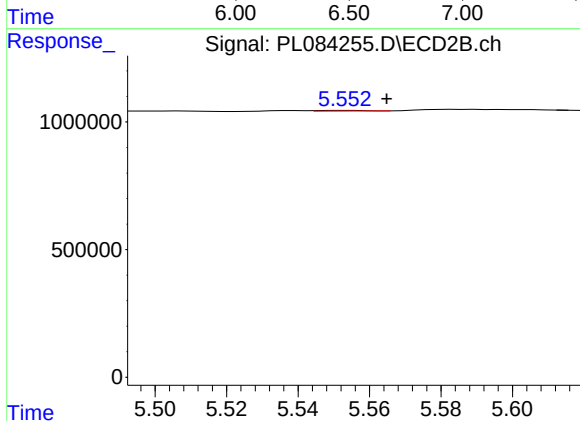




#14 Endrin

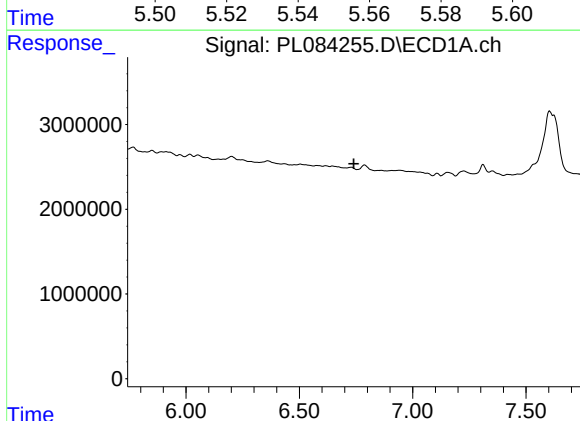
R.T.: 0.000 min  
Exp R.T.: 6.520 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



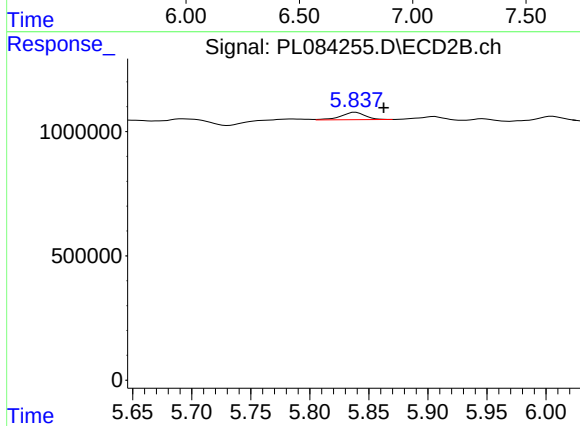
#14 Endrin

R.T.: 5.554 min  
Delta R.T.: -0.011 min  
Response: 20122  
Conc: 0.02 ng/ml



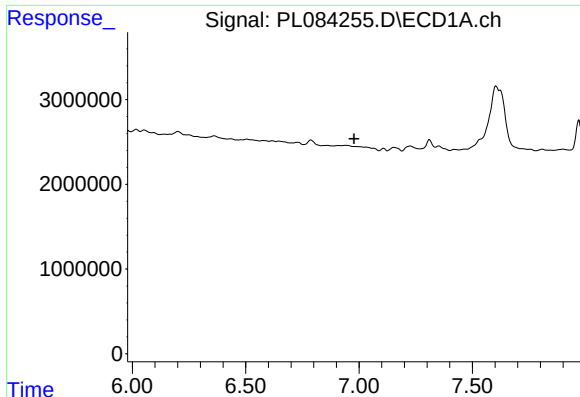
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.740 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

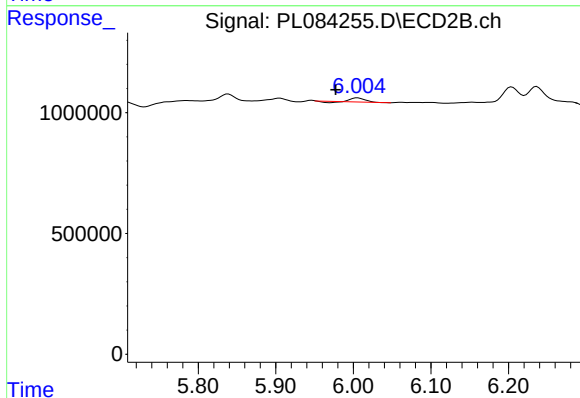
R.T.: 5.839 min  
Delta R.T.: -0.024 min  
Response: 419221  
Conc: 0.36 ng/ml



#17 4,4'-DDT

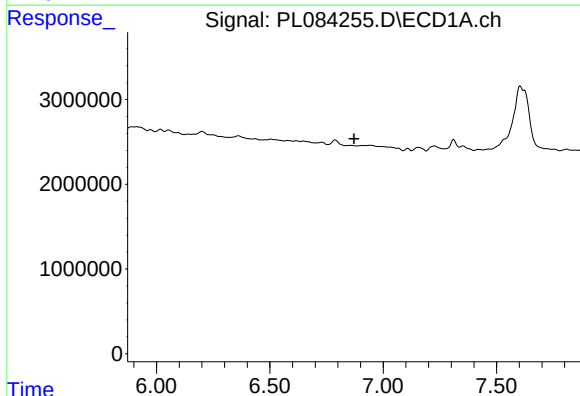
R.T.: 0.000 min  
Exp R.T.: 6.978 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



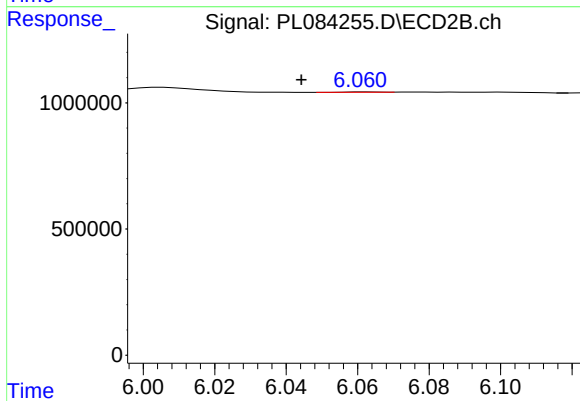
#17 4,4'-DDT

R.T.: 6.005 min  
Delta R.T.: 0.028 min  
Response: 175582  
Conc: 0.19 ng/ml



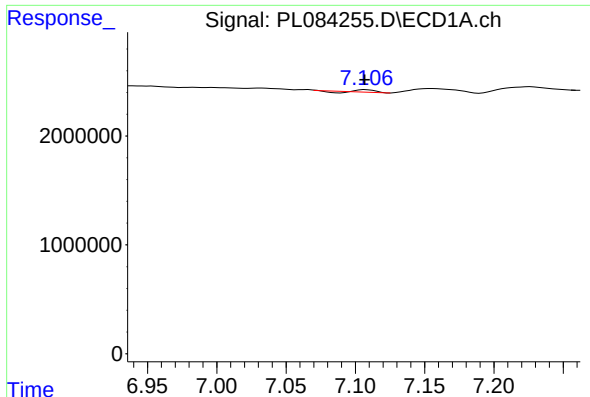
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

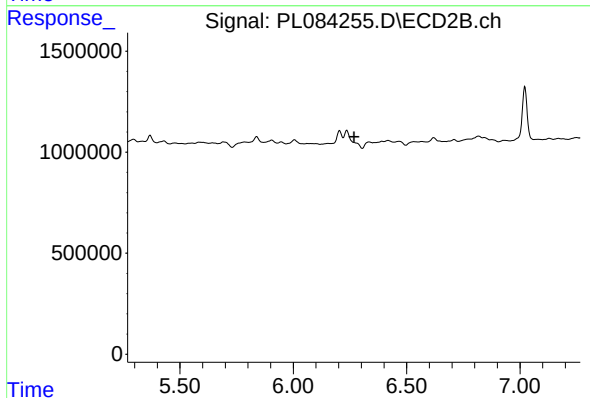
R.T.: 6.062 min  
Delta R.T.: 0.018 min  
Response: 7455  
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

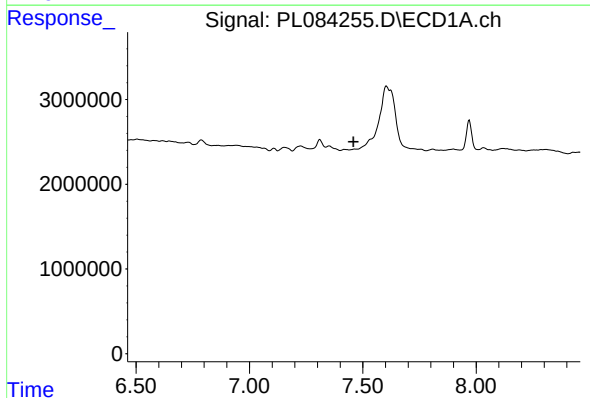
R.T.: 7.107 min  
Delta R.T.: 0.000 min  
Response: 141185  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



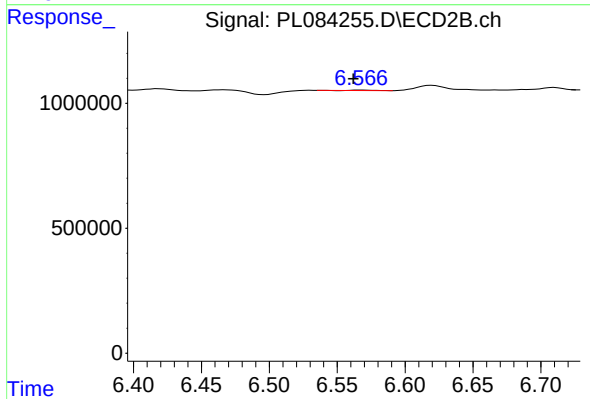
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.269 min  
Response: 0  
Conc: N.D.



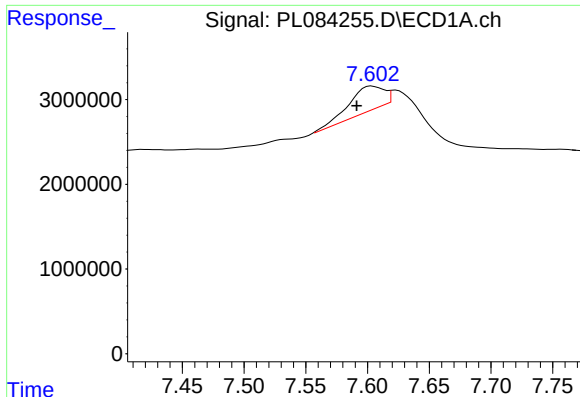
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.459 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

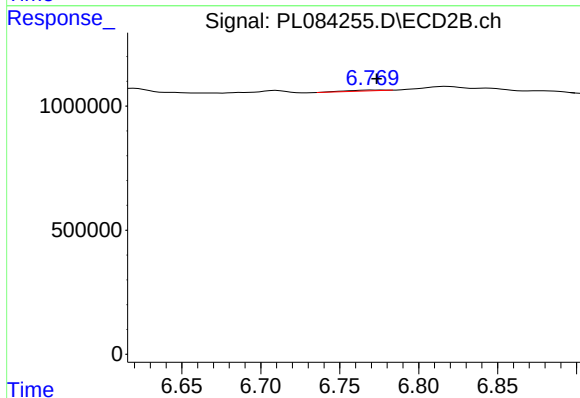
R.T.: 6.567 min  
Delta R.T.: 0.005 min  
Response: 16697  
Conc: 0.03 ng/ml



#21 Endrin ketone

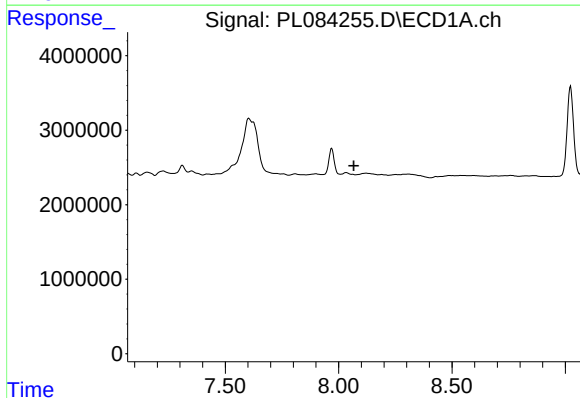
R.T.: 7.604 min  
Delta R.T.: 0.012 min  
Response: 5682886  
Conc: 3.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



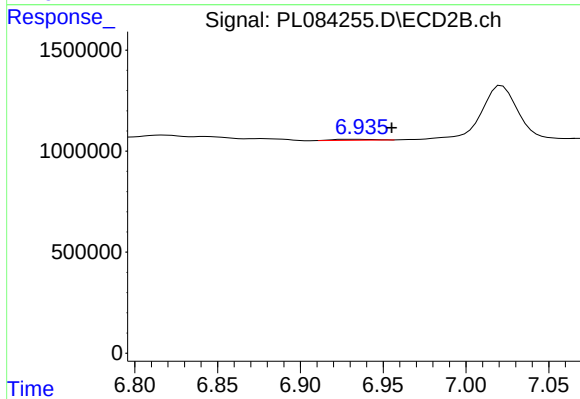
#21 Endrin ketone

R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 58079  
Conc: 0.04 ng/ml



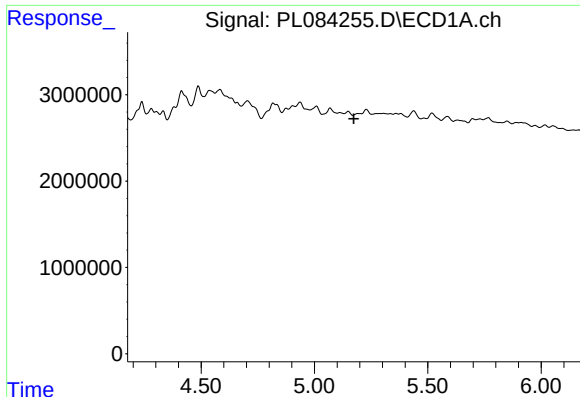
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.066 min  
Response: 0  
Conc: N.D.



#22 Mirex

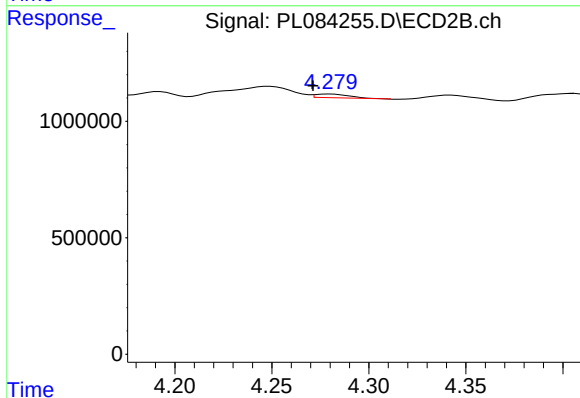
R.T.: 6.930 min  
Delta R.T.: -0.025 min  
Response: 80897  
Conc: 0.08 ng/ml



#24 Chlordane-2

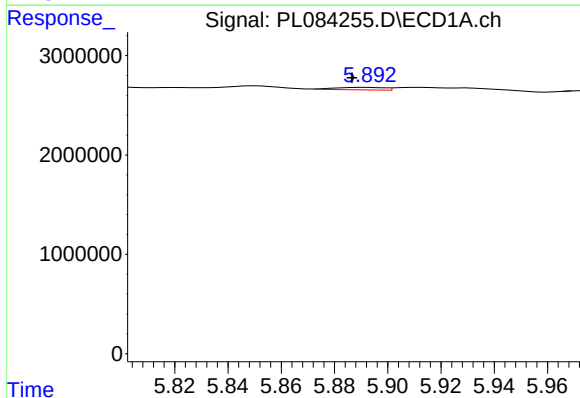
R.T.: 5.192 min  
Delta R.T.: 0.018 min  
Response: -367869  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



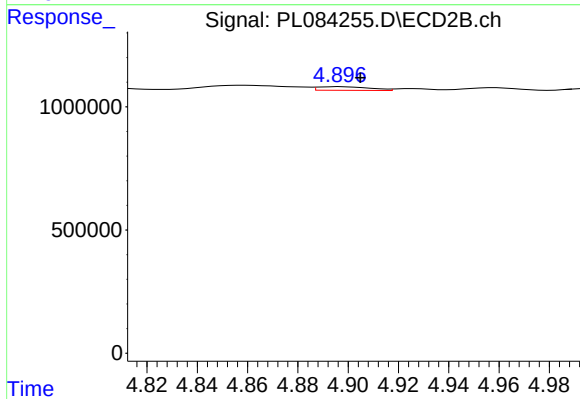
#24 Chlordane-2

R.T.: 4.280 min  
Delta R.T.: 0.009 min  
Response: 187060  
Conc: 0.44 ng/ml



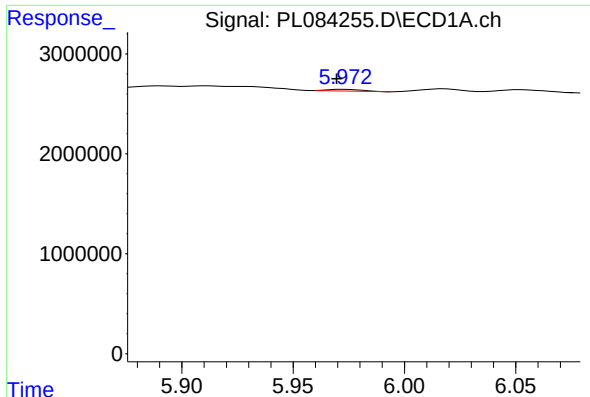
#25 Chlordane-3

R.T.: 5.891 min  
Delta R.T.: 0.005 min  
Response: 330846  
Conc: 0.09 ng/ml



#25 Chlordane-3

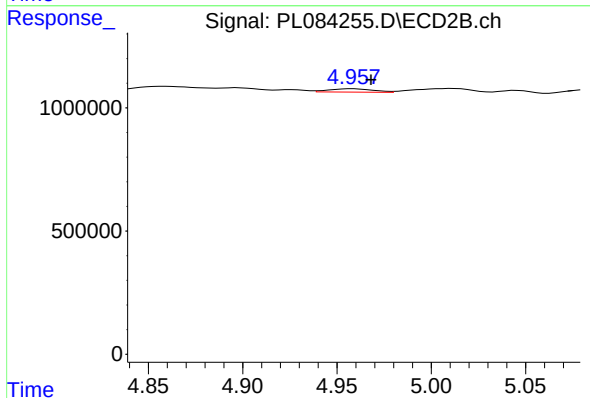
R.T.: 4.897 min  
Delta R.T.: -0.008 min  
Response: 210827  
Conc: 0.15 ng/ml



#26 Chlordane-4

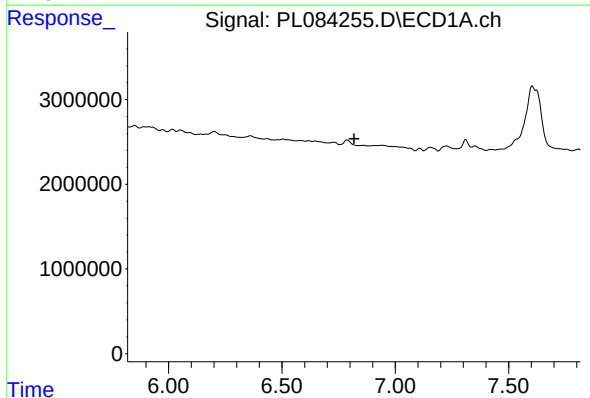
R.T.: 5.973 min  
Delta R.T.: 0.003 min  
Response: 194824  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



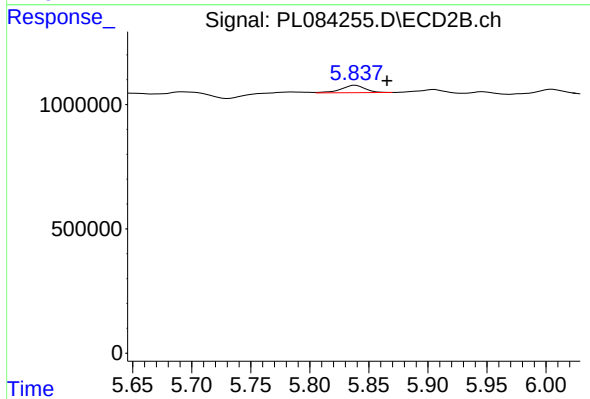
#26 Chlordane-4

R.T.: 4.959 min  
Delta R.T.: -0.009 min  
Response: 215639  
Conc: 0.15 ng/ml



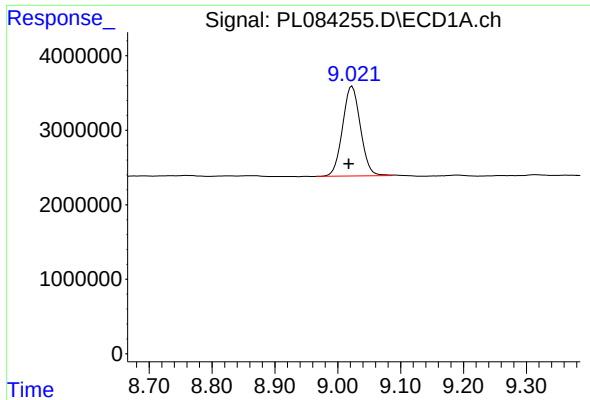
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.819 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

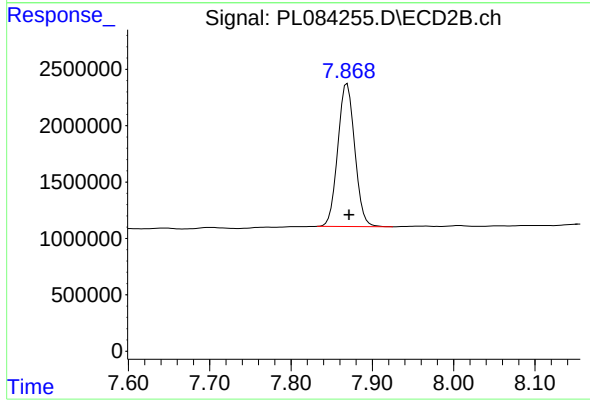
R.T.: 5.839 min  
Delta R.T.: -0.027 min  
Response: 419221  
Conc: 0.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.023 min  
Delta R.T.: 0.005 min  
Response: 23772513  
Conc: 18.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.869 min  
Delta R.T.: -0.002 min  
Response: 18310246  
Conc: 16.48 ng/ml