

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080223\  
 Data File : PL084442.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2023 16:41  
 Operator : AR\AJ  
 Sample : 03840-03  
 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 01 21:39:29 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 01 05:59:40 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  | 2.687  | 34848996 | 16552781 | 15.083 | 15.140   |
| 2)                          | SA Decachlor... | 9.022  | 7.868  | 26434617 | 15331943 | 17.213 | 12.538 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.193  | 0        | 155722   | N.D.   | 0.095 #  |
| 3)                          | MA gamma-BHC... | 4.239f | 3.524  | -490820  | 3104240  | N.D.   | 1.948    |
| 4)                          | MA Heptachlor   | 4.886f | 3.842f | 1199594  | 504633   | 0.344  | 0.338    |
| 5)                          | MB Aldrin       | 5.197  | 4.149  | 459590   | 114815   | 0.136  | 0.076 #  |
| 6)                          | B beta-BHC      | 4.486f | 3.842f | 2006231  | 504633   | 1.390  | 0.727 #  |
| 7)                          | B delta-BHC     | 4.709  | 4.042  | 4138822  | 722857   | 1.264  | 0.460 #  |
| 8)                          | B Heptachlo...  | 5.633  | 4.664  | 1180922  | 122483   | 0.386  | 0.090 #  |
| 9)                          | A Endosulfan I  | 6.005  | 5.043f | 1219178  | 16242753 | 0.459  | 12.715 # |
| 10)                         | B gamma-Chl...  | 5.865f | 4.900  | 5450171  | 1678062  | 1.885  | 1.201 #  |
| 11)                         | B alpha-Chl...  | 5.957  | 4.965  | 1521652  | 1921103  | 0.535  | 1.366 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.168  | 0        | 771456   | N.D.   | 0.612 #  |
| 13)                         | MA Dieldrin     | 6.317f | 5.294  | -785422  | 4755751  | N.D.   | 3.396    |
| 14)                         | MA Endrin       | 6.529  | 5.558  | 411640   | 1210359  | 0.187  | 0.965 #  |
| 15)                         | B Endosulfa...  | 6.735  | 5.868  | 522214   | 2268448  | 0.246  | 1.835 #  |
| 16)                         | A 4,4'-DDD      | 6.650f | 5.711  | 3504167  | -66833   | 2.143  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.985  | 5.972  | 2746711  | 1670094  | 1.542  | 1.402    |
| 18)                         | B Endrin al...  | 6.873  | 6.060f | 12240    | 558559   | 0.007  | 0.555 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.572  | 0        | 8823776  | N.D.   | 12.595 # |
| 23)                         | Chlordane-1     | 0.000  | 3.696  | 0        | 778339   | N.D.   | 1.988 #  |
| 24)                         | Chlordane-2     | 5.159f | 4.280  | 591667   | 58683    | 0.638  | 0.137 #  |
| 25)                         | Chlordane-3     | 5.865f | 4.900  | 5450171  | 1678062  | 1.374  | 1.227    |
| 26)                         | Chlordane-4     | 5.957f | 4.965  | 1521652  | 1921103  | 0.331  | 1.342 #  |
| 27)                         | Chlordane-5     | 6.835  | 5.868  | 259615   | 2268448  | 0.370  | 4.498 #  |
| -----                       |                 |        |        |          |          |        |          |

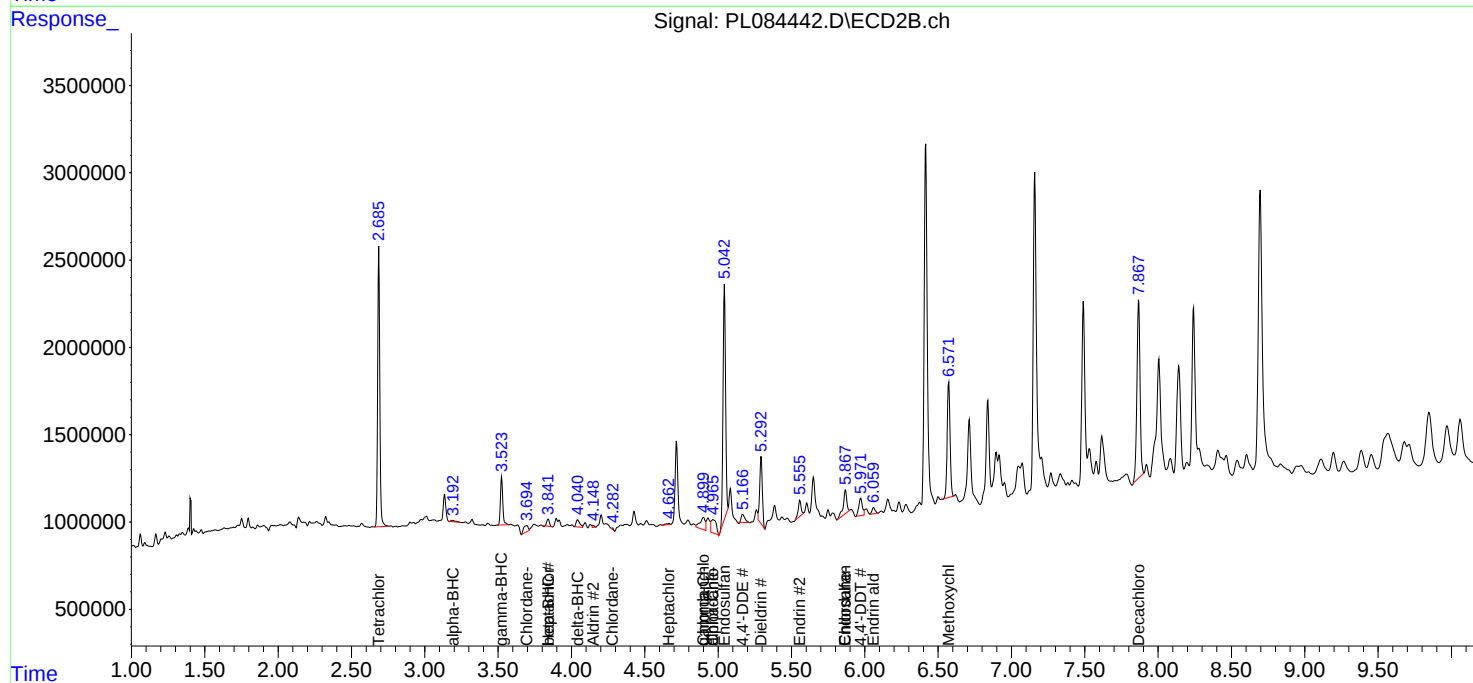
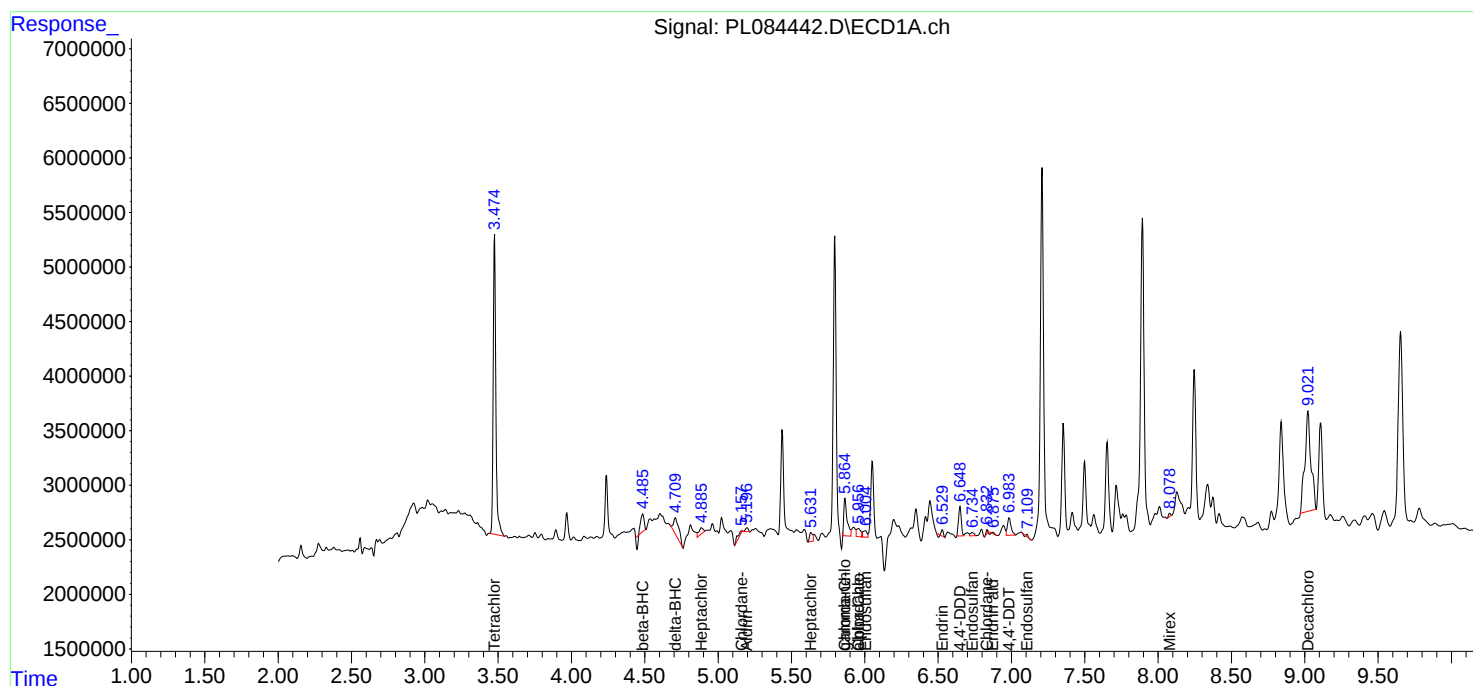
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

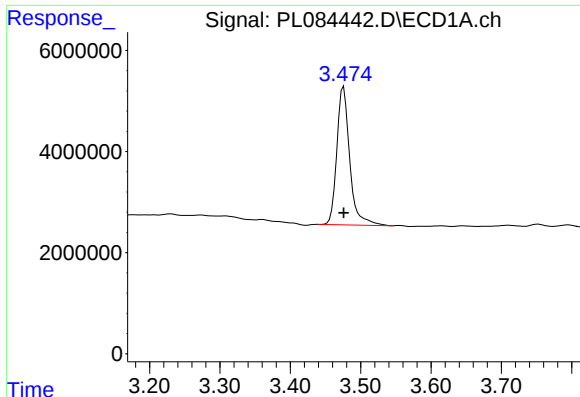
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080223\  
Data File : PL084442.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2023 16:41  
Operator : AR\AJ  
Sample : 03840-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 21:39:29 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 01 05:59:40 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

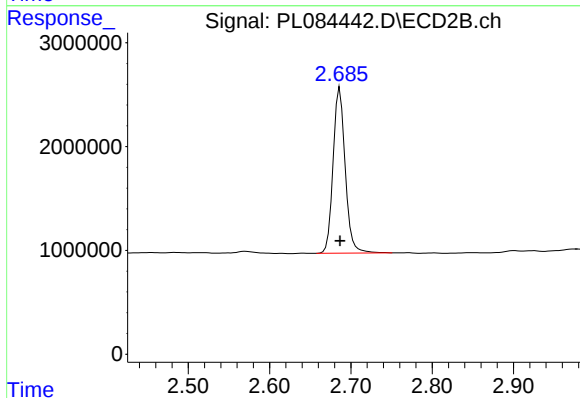




#1 Tetrachloro-m-xylene

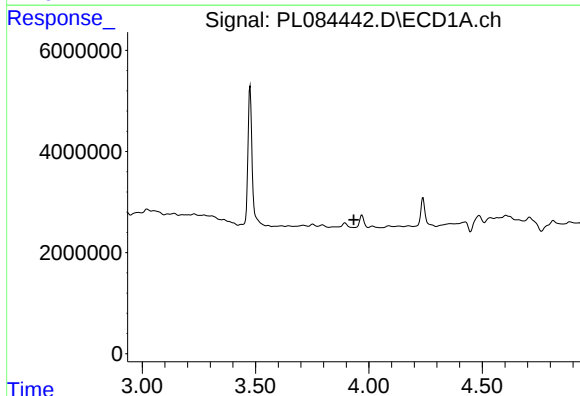
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 34848996  
Conc: 15.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



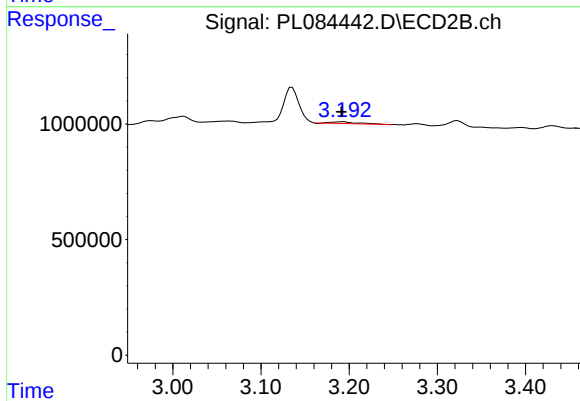
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 16552781  
Conc: 15.14 ng/ml



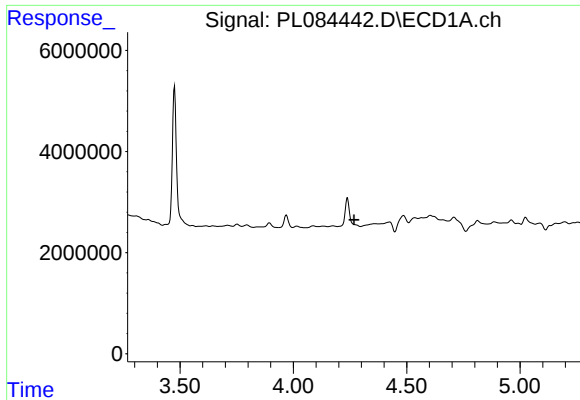
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

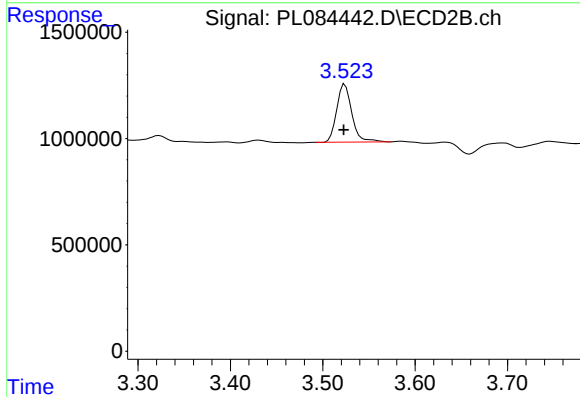
R.T.: 3.193 min  
Delta R.T.: 0.002 min  
Response: 155722  
Conc: 0.10 ng/ml



#3 gamma-BHC (Lindane)

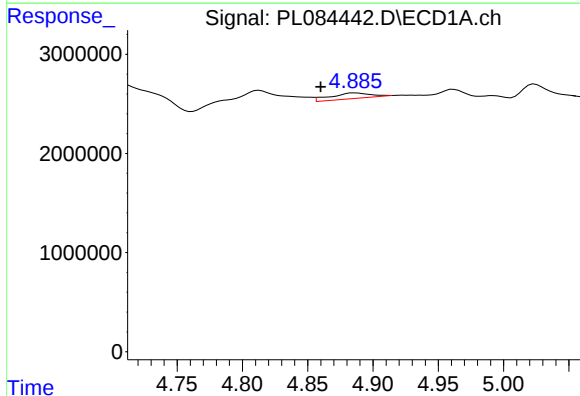
R.T.: 4.239 min  
Delta R.T.: -0.029 min  
Response: -490820  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



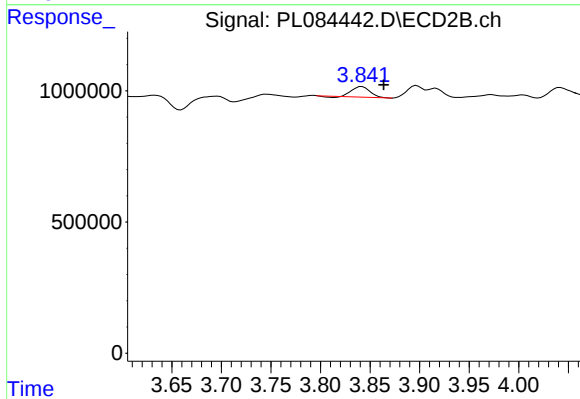
#3 gamma-BHC (Lindane)

R.T.: 3.524 min  
Delta R.T.: 0.001 min  
Response: 3104240  
Conc: 1.95 ng/ml



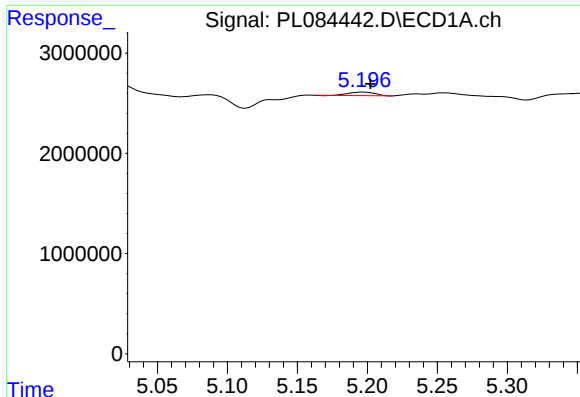
#4 Heptachlor

R.T.: 4.886 min  
Delta R.T.: 0.026 min  
Response: 1199594  
Conc: 0.34 ng/ml



#4 Heptachlor

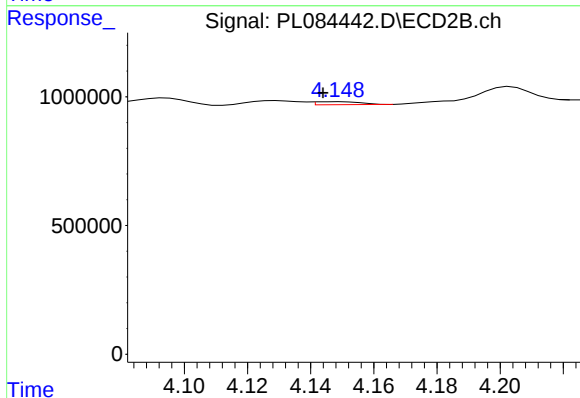
R.T.: 3.842 min  
Delta R.T.: -0.022 min  
Response: 504633  
Conc: 0.34 ng/ml



#5 Aldrin

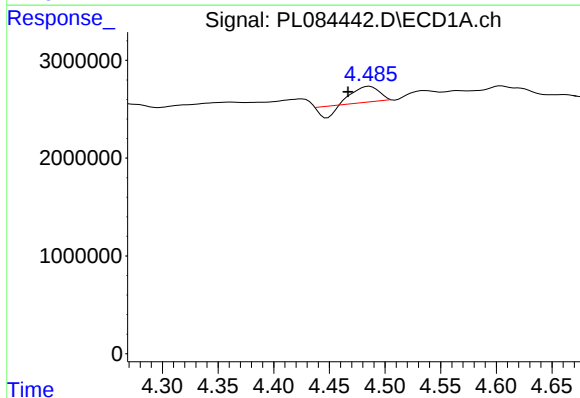
R.T.: 5.197 min  
Delta R.T.: -0.005 min  
Response: 459590  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



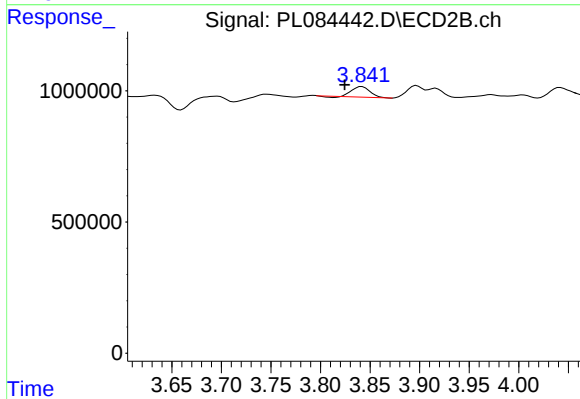
#5 Aldrin

R.T.: 4.149 min  
Delta R.T.: 0.005 min  
Response: 114815  
Conc: 0.08 ng/ml



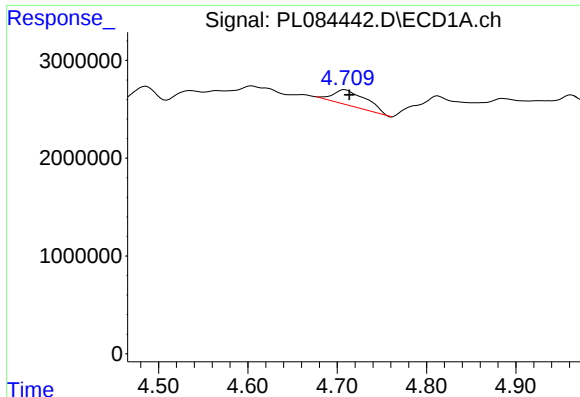
#6 beta-BHC

R.T.: 4.486 min  
Delta R.T.: 0.019 min  
Response: 2006231  
Conc: 1.39 ng/ml



#6 beta-BHC

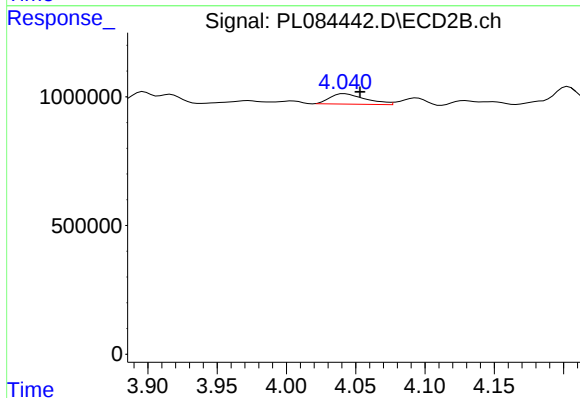
R.T.: 3.842 min  
Delta R.T.: 0.017 min  
Response: 504633  
Conc: 0.73 ng/ml



#7 delta-BHC

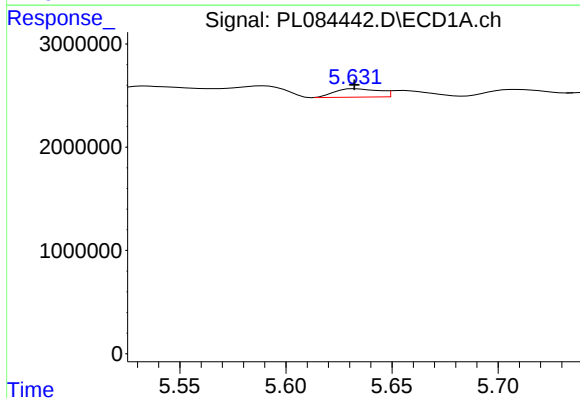
R.T.: 4.709 min  
Delta R.T.: -0.005 min  
Response: 4138822  
Conc: 1.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



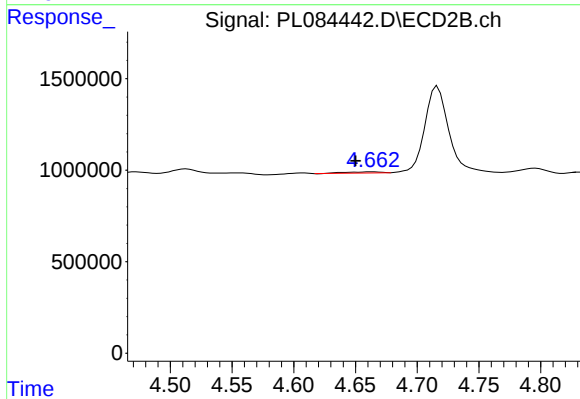
#7 delta-BHC

R.T.: 4.042 min  
Delta R.T.: -0.011 min  
Response: 722857  
Conc: 0.46 ng/ml



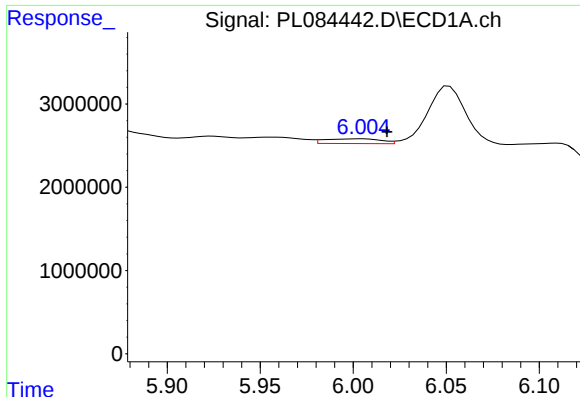
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 1180922  
Conc: 0.39 ng/ml



#8 Heptachlor epoxide

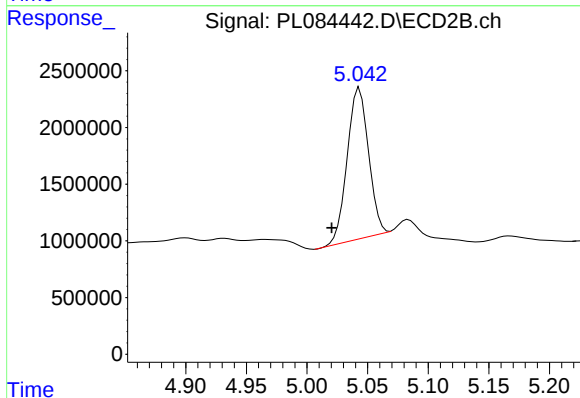
R.T.: 4.664 min  
Delta R.T.: 0.014 min  
Response: 122483  
Conc: 0.09 ng/ml



#9 Endosulfan I

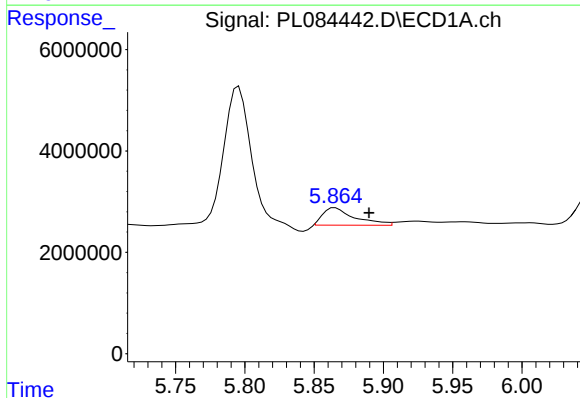
R.T.: 6.005 min  
Delta R.T.: -0.013 min  
Response: 1219178  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



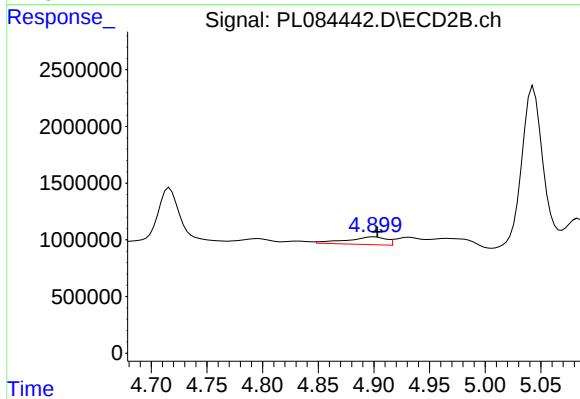
#9 Endosulfan I

R.T.: 5.043 min  
Delta R.T.: 0.023 min  
Response: 16242753  
Conc: 12.72 ng/ml



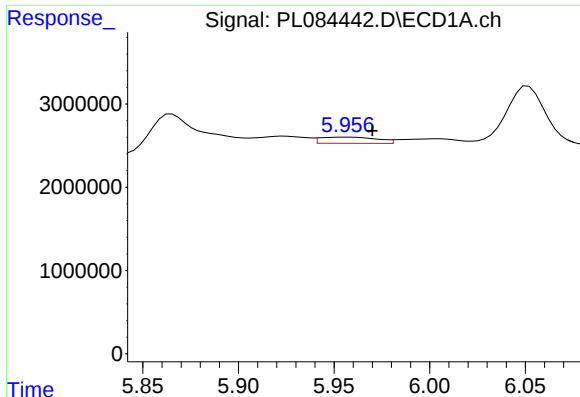
#10 gamma-Chlordane

R.T.: 5.865 min  
Delta R.T.: -0.024 min  
Response: 5450171  
Conc: 1.88 ng/ml



#10 gamma-Chlordane

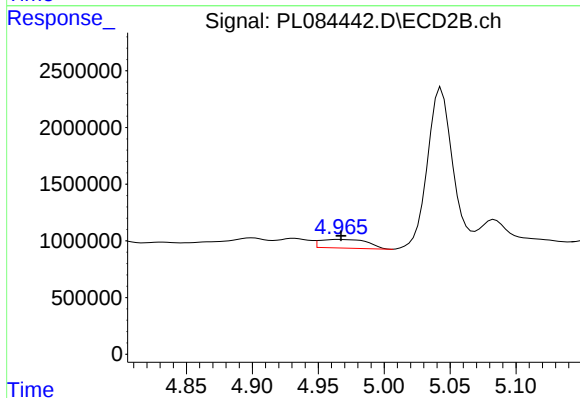
R.T.: 4.900 min  
Delta R.T.: -0.003 min  
Response: 1678062  
Conc: 1.20 ng/ml



#11 alpha-Chlordane

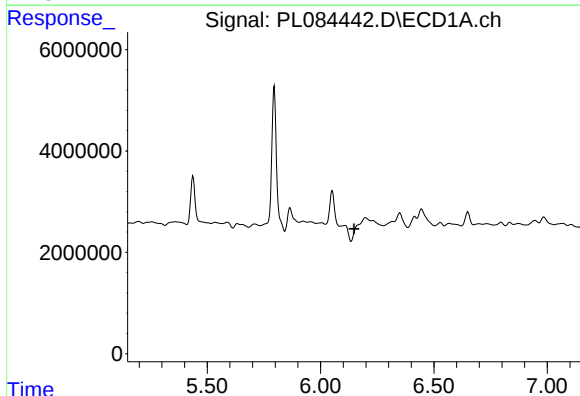
R.T.: 5.957 min  
Delta R.T.: -0.013 min  
Response: 1521652  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



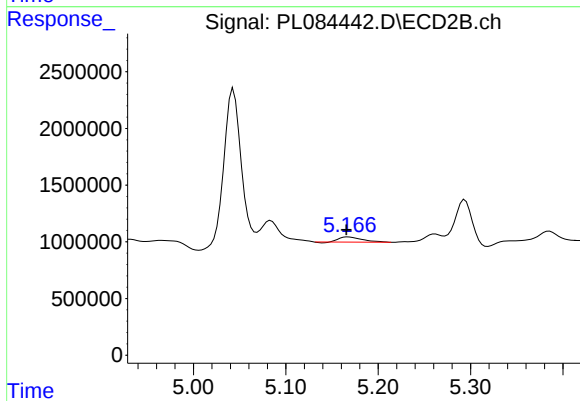
#11 alpha-Chlordane

R.T.: 4.965 min  
Delta R.T.: -0.002 min  
Response: 1921103  
Conc: 1.37 ng/ml



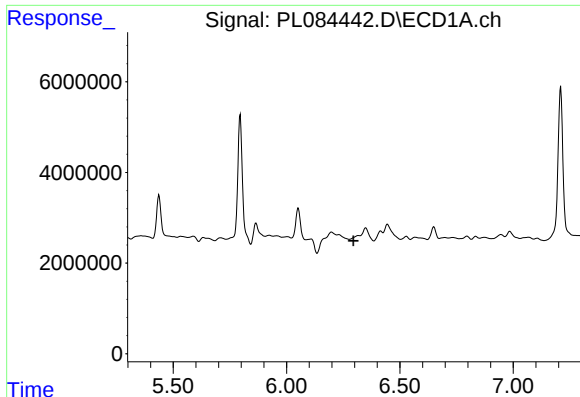
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.148 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

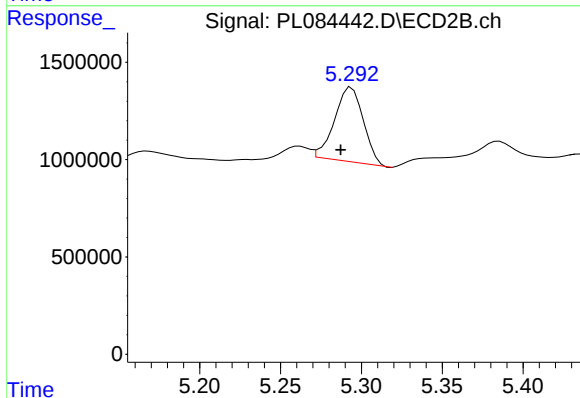
R.T.: 5.168 min  
Delta R.T.: 0.002 min  
Response: 771456  
Conc: 0.61 ng/ml



#13 Dieldrin

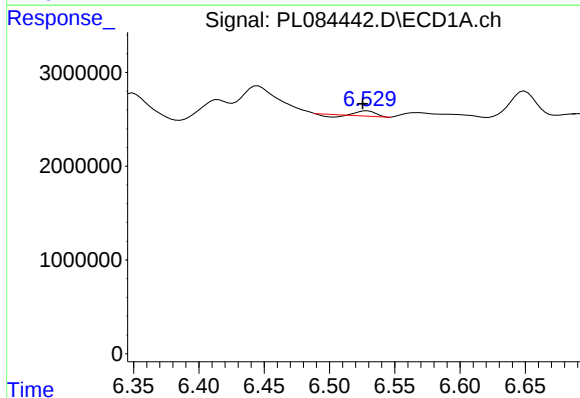
R.T.: 6.317 min  
Delta R.T.: 0.021 min  
Response: -785422  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



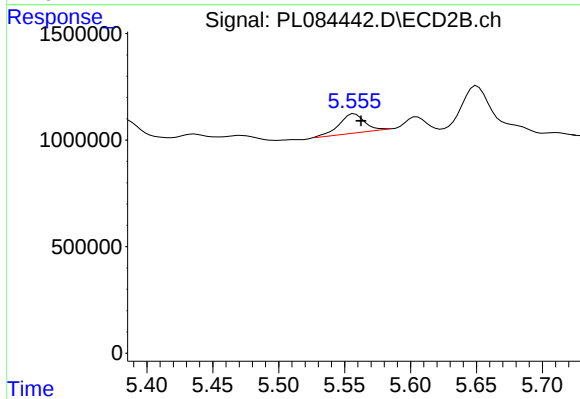
#13 Dieldrin

R.T.: 5.294 min  
Delta R.T.: 0.007 min  
Response: 4755751  
Conc: 3.40 ng/ml



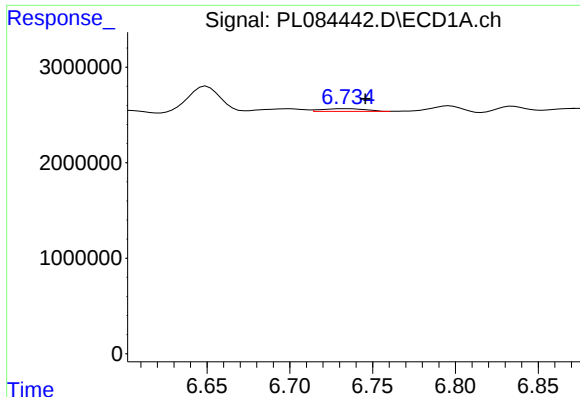
#14 Endrin

R.T.: 6.529 min  
Delta R.T.: 0.003 min  
Response: 411640  
Conc: 0.19 ng/ml



#14 Endrin

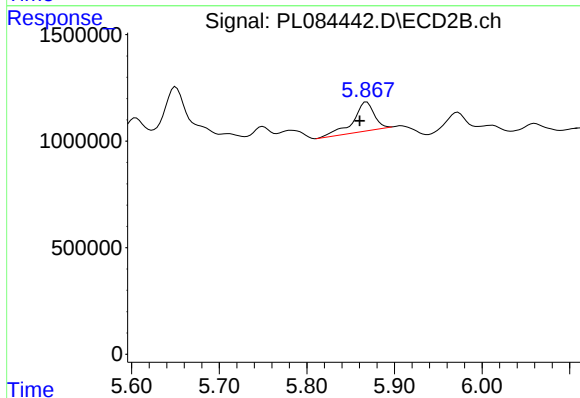
R.T.: 5.558 min  
Delta R.T.: -0.005 min  
Response: 1210359  
Conc: 0.97 ng/ml



#15 Endosulfan II

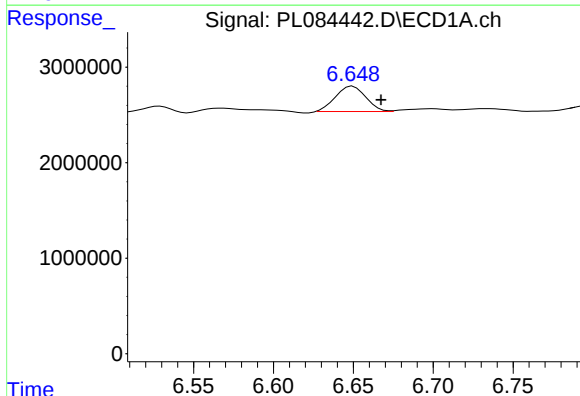
R.T.: 6.735 min  
Delta R.T.: -0.011 min  
Response: 522214  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



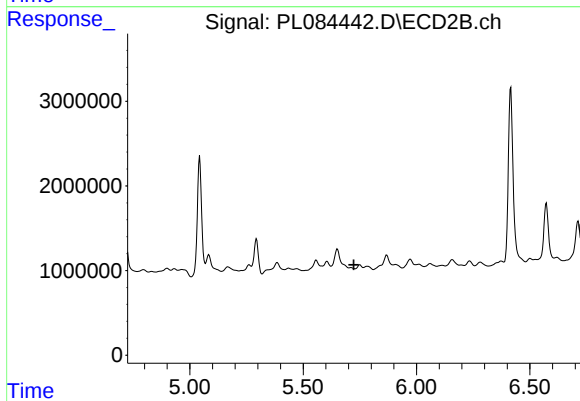
#15 Endosulfan II

R.T.: 5.868 min  
Delta R.T.: 0.008 min  
Response: 2268448  
Conc: 1.83 ng/ml



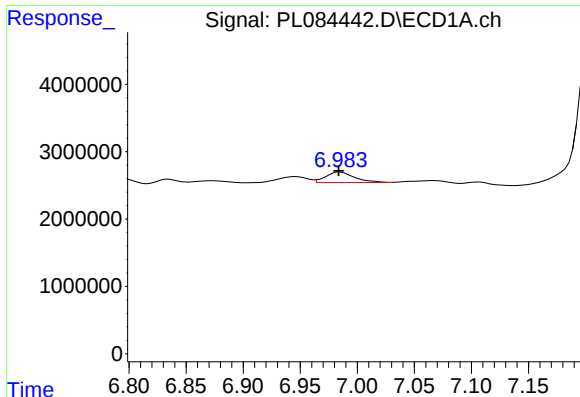
#16 4,4'-DDD

R.T.: 6.650 min  
Delta R.T.: -0.018 min  
Response: 3504167  
Conc: 2.14 ng/ml



#16 4,4'-DDD

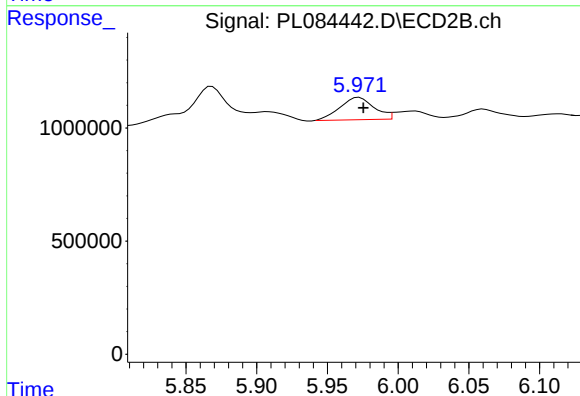
R.T.: 5.711 min  
Delta R.T.: -0.013 min  
Response: -66833  
Conc: N.D.



#17 4,4'-DDT

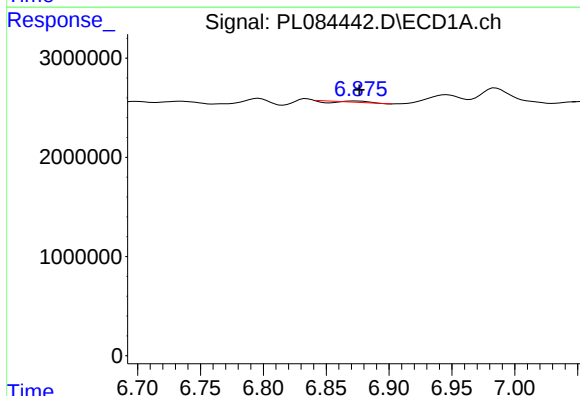
R.T.: 6.985 min  
Delta R.T.: 0.000 min  
Response: 2746711  
Conc: 1.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



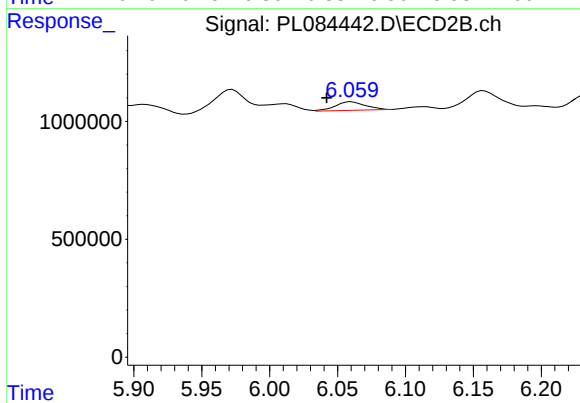
#17 4,4'-DDT

R.T.: 5.972 min  
Delta R.T.: -0.003 min  
Response: 1670094  
Conc: 1.40 ng/ml



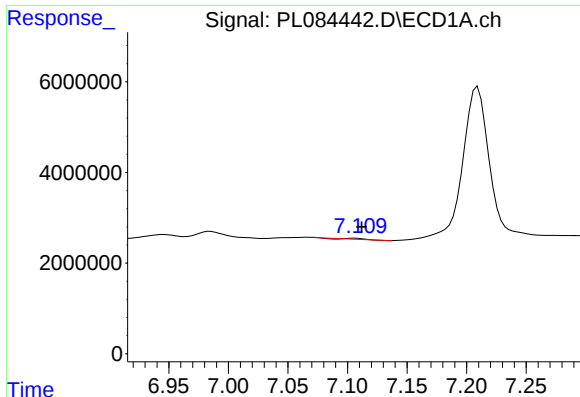
#18 Endrin aldehyde

R.T.: 6.873 min  
Delta R.T.: -0.003 min  
Response: 12240  
Conc: 0.01 ng/ml



#18 Endrin aldehyde

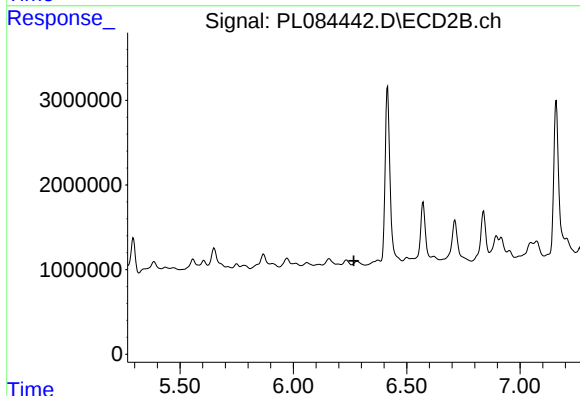
R.T.: 6.060 min  
Delta R.T.: 0.018 min  
Response: 558559  
Conc: 0.55 ng/ml



#19 Endosulfan Sulfate

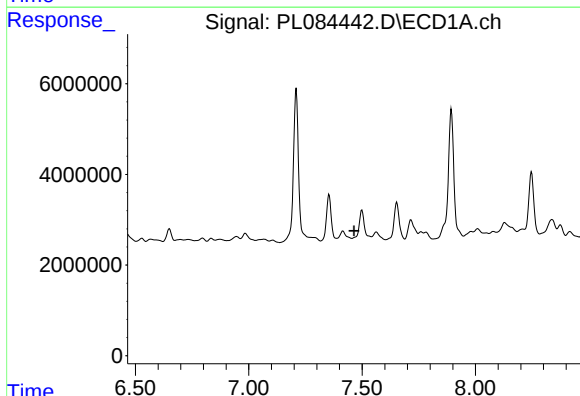
R.T.: 7.106 min  
Delta R.T.: -0.006 min  
Response: 105935  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



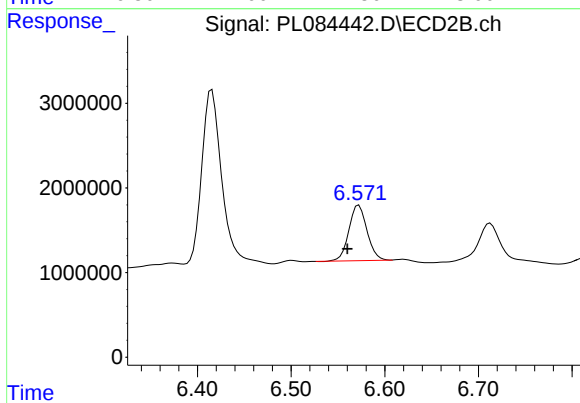
#19 Endosulfan Sulfate

R.T.: 6.282 min  
Delta R.T.: 0.015 min  
Response: -166238  
Conc: N.D.



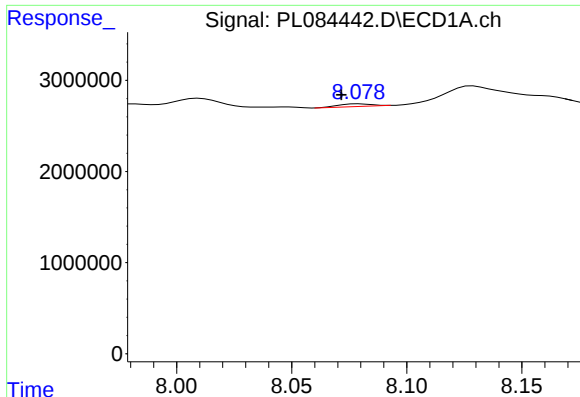
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.464 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

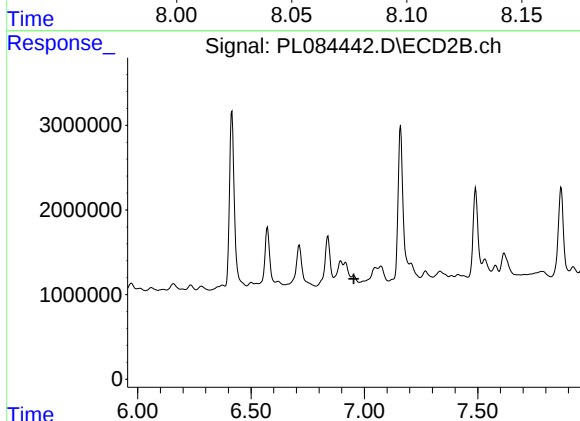
R.T.: 6.572 min  
Delta R.T.: 0.012 min  
Response: 8823776  
Conc: 12.59 ng/ml



#22 Mirex

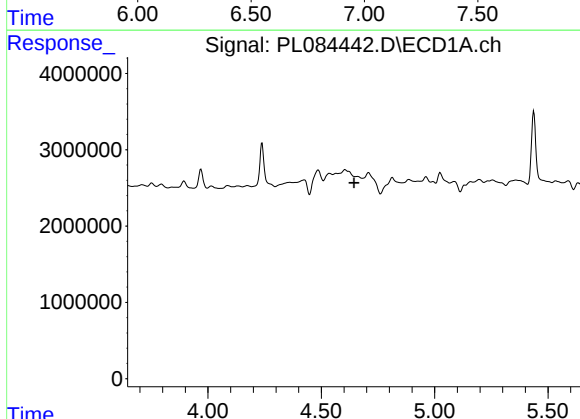
R.T.: 8.079 min  
Delta R.T.: 0.008 min  
Response: 283149  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



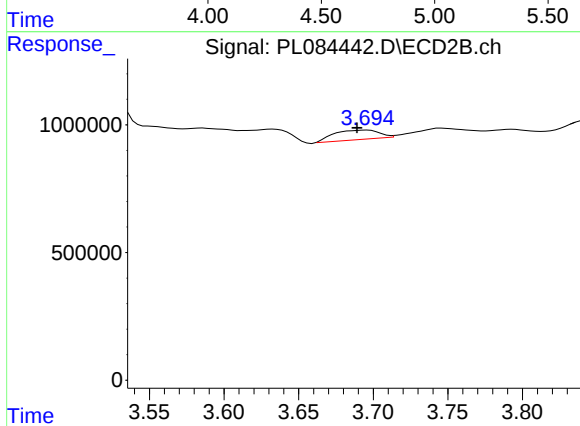
#22 Mirex

R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: -547841  
Conc: N.D.



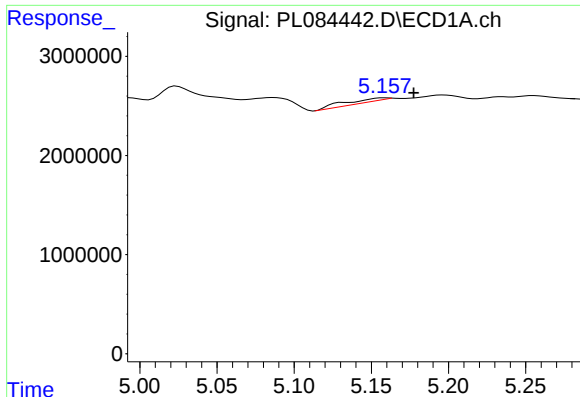
#23 Chlordane-1

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



#23 Chlordane-1

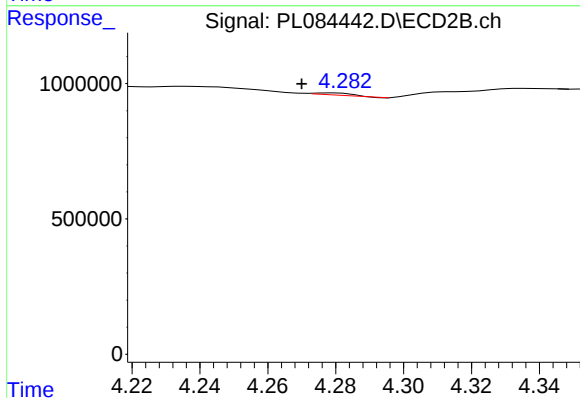
R.T.: 3.696 min  
Delta R.T.: 0.006 min  
Response: 778339  
Conc: 1.99 ng/ml



#24 Chlordane-2

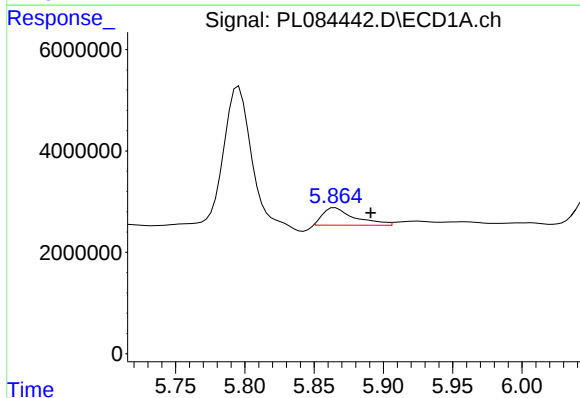
R.T.: 5.159 min  
Delta R.T.: -0.019 min  
Response: 591667  
Conc: 0.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



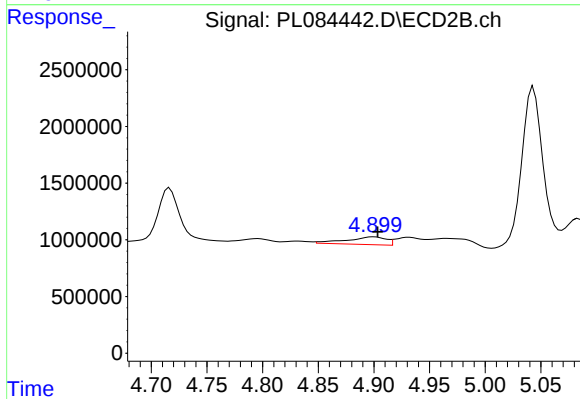
#24 Chlordane-2

R.T.: 4.280 min  
Delta R.T.: 0.010 min  
Response: 58683  
Conc: 0.14 ng/ml



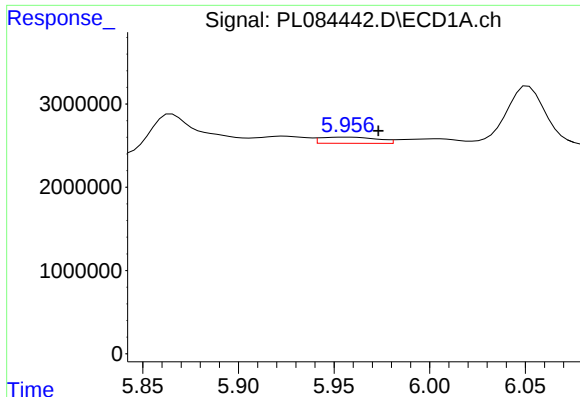
#25 Chlordane-3

R.T.: 5.865 min  
Delta R.T.: -0.026 min  
Response: 5450171  
Conc: 1.37 ng/ml



#25 Chlordane-3

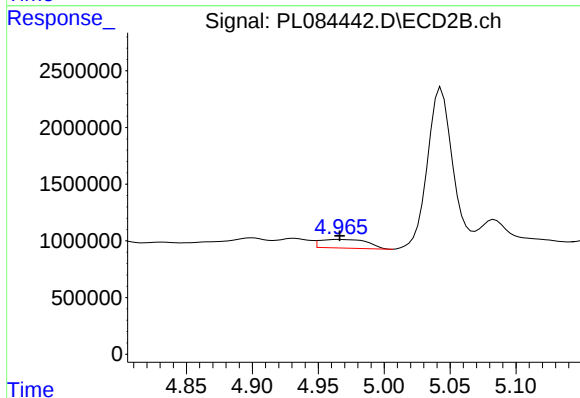
R.T.: 4.900 min  
Delta R.T.: -0.003 min  
Response: 1678062  
Conc: 1.23 ng/ml



#26 Chlordane-4

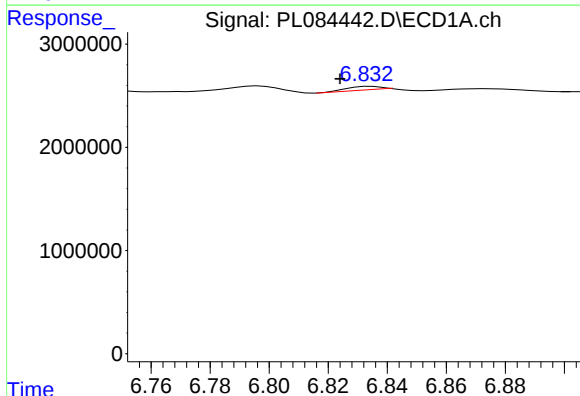
R.T.: 5.957 min  
Delta R.T.: -0.016 min  
Response: 1521652  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



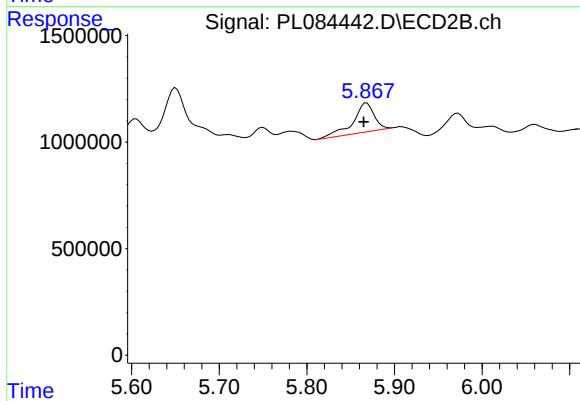
#26 Chlordane-4

R.T.: 4.965 min  
Delta R.T.: -0.001 min  
Response: 1921103  
Conc: 1.34 ng/ml



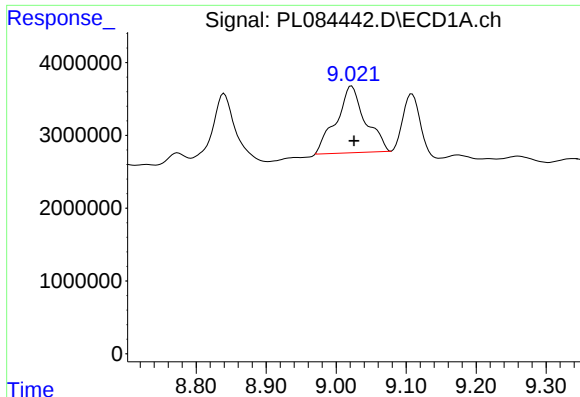
#27 Chlordane-5

R.T.: 6.835 min  
Delta R.T.: 0.011 min  
Response: 259615  
Conc: 0.37 ng/ml



#27 Chlordane-5

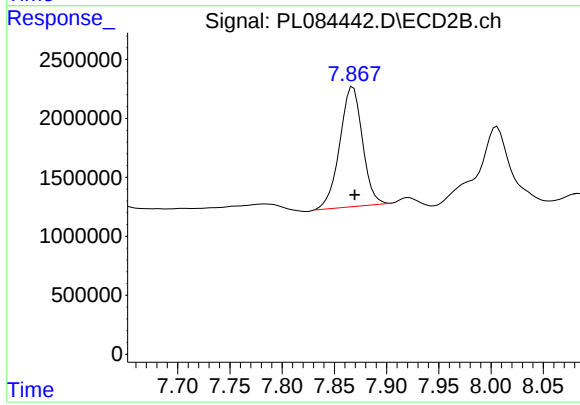
R.T.: 5.868 min  
Delta R.T.: 0.003 min  
Response: 2268448  
Conc: 4.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min  
Delta R.T.: -0.003 min  
Response: 26434617  
Conc: 17.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.002 min  
Response: 15331943  
Conc: 12.54 ng/ml