

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091023\  
 Data File : PL085212.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2023 16:46  
 Operator : AR\AJ  
 Sample : 04336-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 08 22:50:43 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 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  | 2.684  | 46027592 | 21511482 | 18.818 | 18.933   |
| 2)                          | SA Decachlor... | 9.027  | 7.864  | 26716959 | 19255638 | 16.614 | 14.466   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.216f | 0        | 293690   | N.D.   | 0.180 #  |
| 3)                          | MA gamma-BHC... | 4.240f | 3.521  | 587270   | 1847527  | 0.177  | 1.158 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.868  | 0        | 26024    | N.D.   | 0.017 #  |
| 5)                          | MB Aldrin       | 5.190  | 4.122f | 388847   | 1323963  | 0.126  | 0.866 #  |
| 6)                          | B beta-BHC      | 4.487f | 3.838f | 1639675  | -58189   | 1.160  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 4.055  | 0        | 461509   | N.D.   | 0.295 #  |
| 9)                          | A Endosulfan I  | 6.016  | 5.040f | 647345   | 4059733  | 0.270  | 0.269    |
| 10)                         | B gamma-Chl...  | 5.866f | 4.893  | 4408656  | 267257   | 1.697  | 0.194 #  |
| 11)                         | B alpha-Chl...  | 5.975  | 4.970  | 2972568  | 1370446  | 1.155  | 0.917    |
| 12)                         | B 4,4'-DDE      | 6.152  | 5.161  | 1273834  | 1696218  | 0.613  | 1.363 #  |
| 13)                         | MA Dieldrin     | 6.312f | 5.290  | 326243   | 2037176  | 0.134  | 1.449 #  |
| 14)                         | MA Endrin       | 0.000  | 5.579f | 0        | 787842   | N.D.   | 0.616 #  |
| 15)                         | B Endosulfa...  | 6.745  | 5.865  | 1435094  | 463103   | 0.709  | 0.374 #  |
| 16)                         | A 4,4'-DDD      | 6.679  | 5.704f | 249404   | 119047   | 0.162  | 0.113 #  |
| 17)                         | MA 4,4'-DDT     | 6.984  | 5.970  | 1918791  | 1398512  | 1.139  | 1.200    |
| 18)                         | B Endrin al...  | 0.000  | 6.048  | 0        | 1615472  | N.D.   | 1.582 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.569  | 0        | 2770325  | N.D.   | 4.118 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.710f | 0        | 1136216  | N.D.   | 29.238 # |
| 24)                         | Chlordane-2     | 5.190  | 0.000  | 388847   | 0        | 3.712  | N.D. #   |
| 25)                         | Chlordane-3     | 5.866f | 4.893  | 4408656  | 267257   | 12.197 | 1.990 #  |
| 26)                         | Chlordane-4     | 5.975  | 4.970  | 2972568  | 1370446  | 6.852  | 9.216 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.865  | 0        | 463103   | N.D.   | 9.097 #  |
| -----                       |                 |        |        |          |          |        |          |

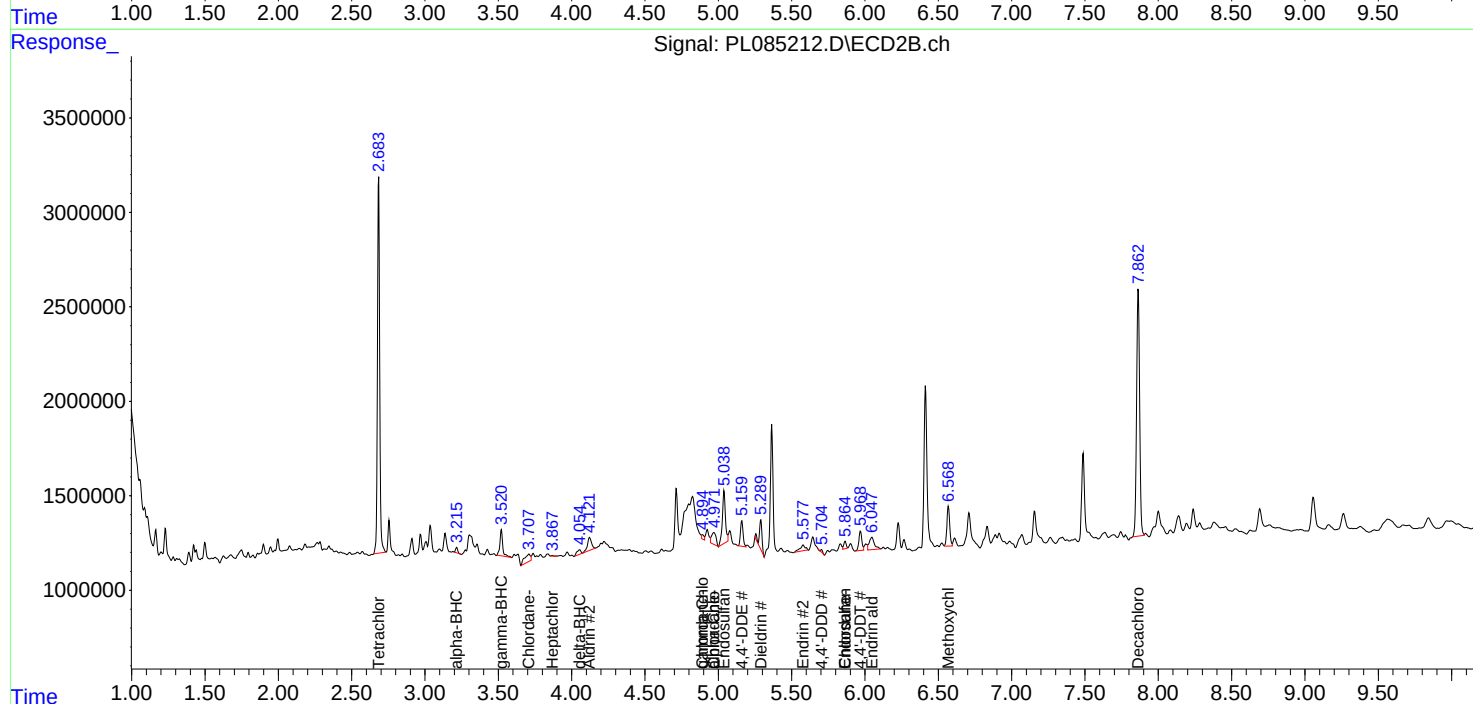
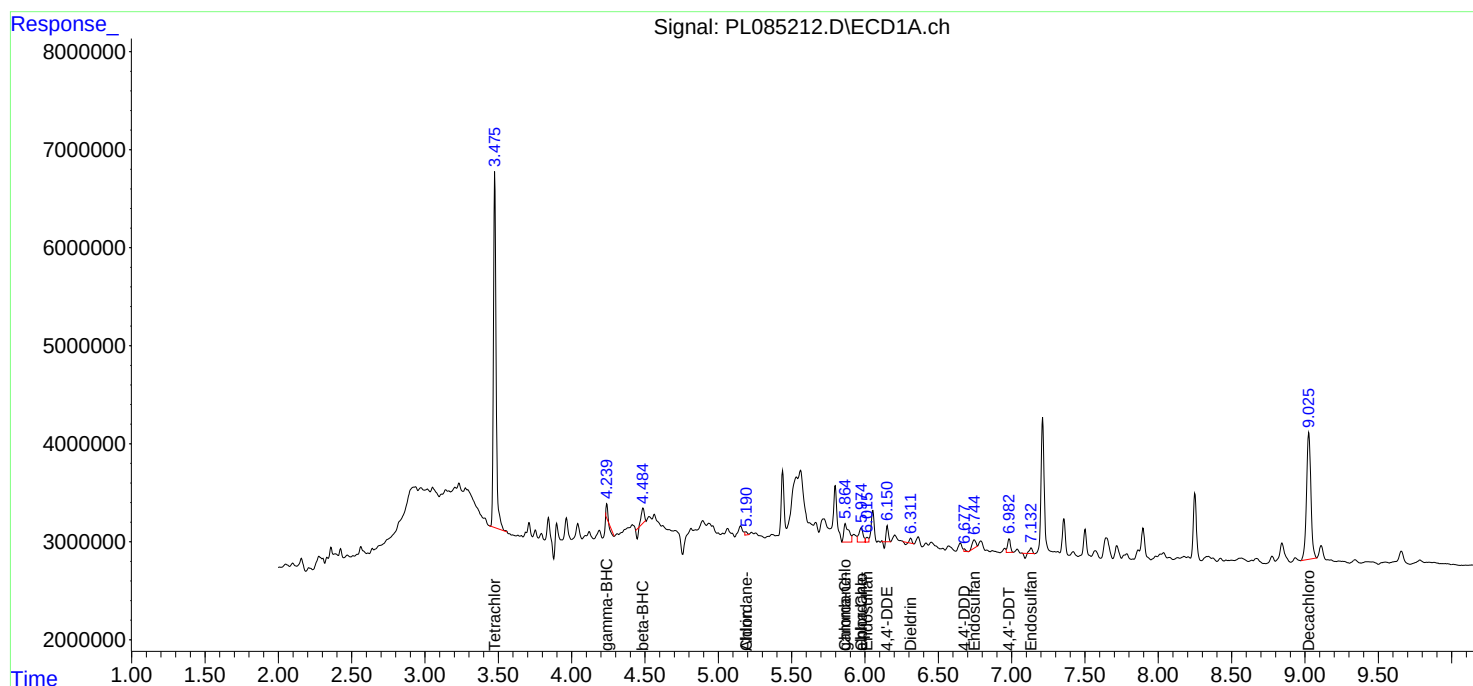
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

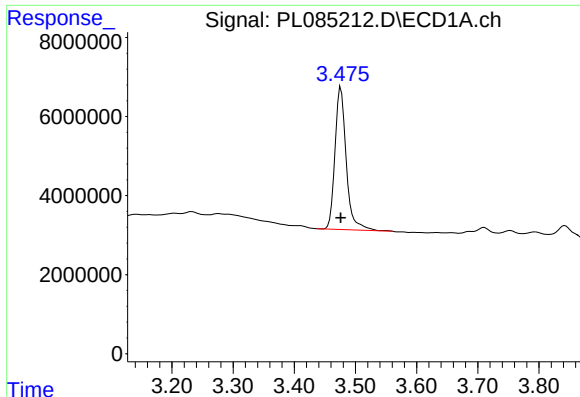
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091023\  
Data File : PL085212.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2023 16:46  
Operator : AR\AJ  
Sample : 04336-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 08 22:50:43 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 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

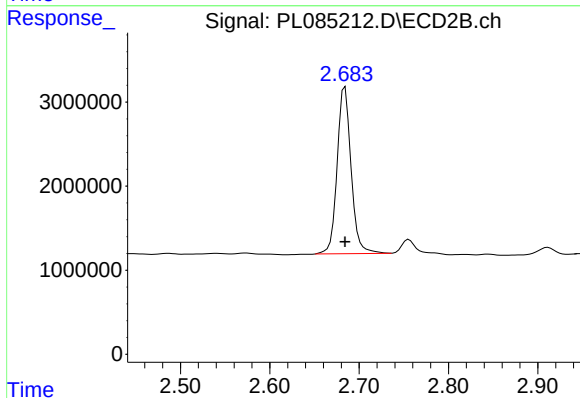




#1 Tetrachloro-m-xylene

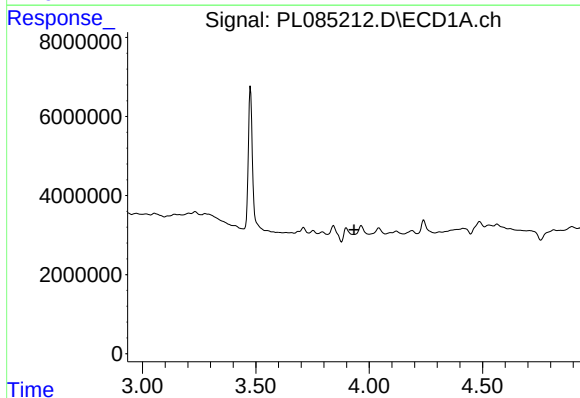
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 46027592  
Conc: 18.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



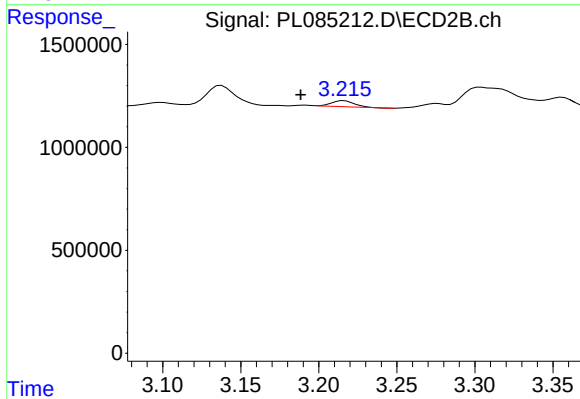
#1 Tetrachloro-m-xylene

R.T.: 2.684 min  
Delta R.T.: 0.000 min  
Response: 21511482  
Conc: 18.93 ng/ml



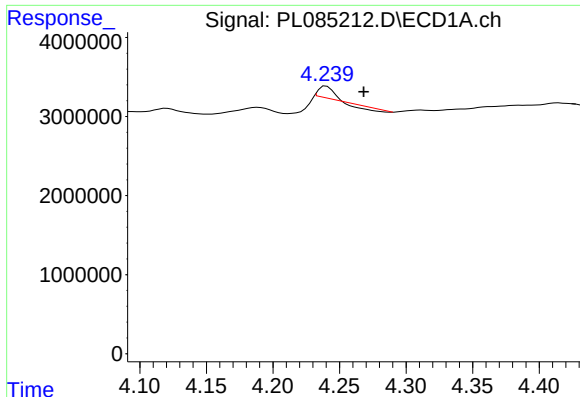
#2 alpha-BHC

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



#2 alpha-BHC

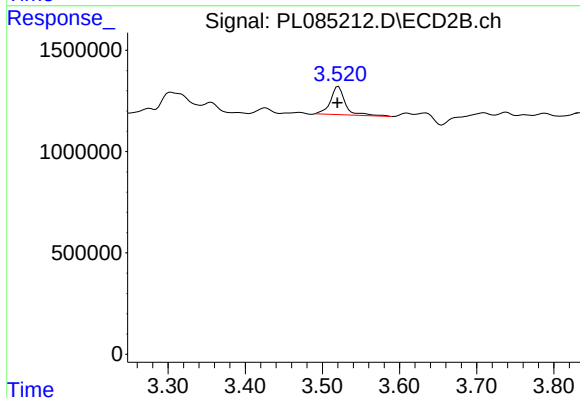
R.T.: 3.216 min  
Delta R.T.: 0.028 min  
Response: 293690  
Conc: 0.18 ng/ml



#3 gamma-BHC (Lindane)

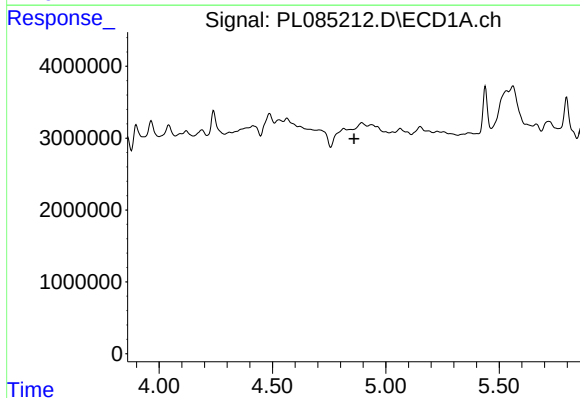
R.T.: 4.240 min  
Delta R.T.: -0.028 min  
Response: 587270  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



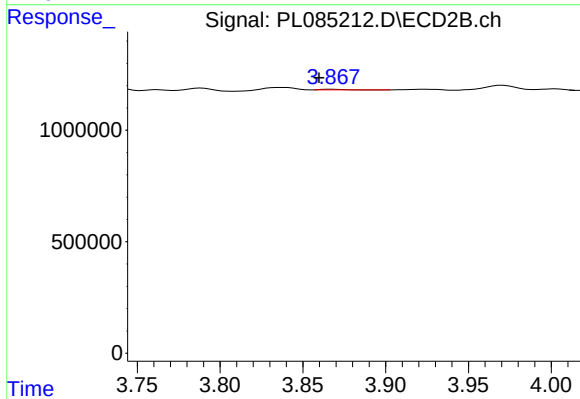
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: 0.002 min  
Response: 1847527  
Conc: 1.16 ng/ml



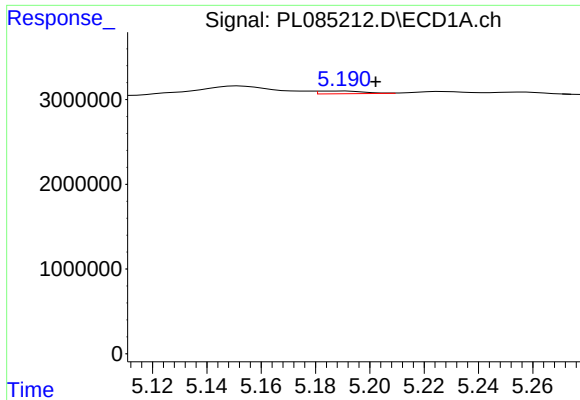
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.860 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

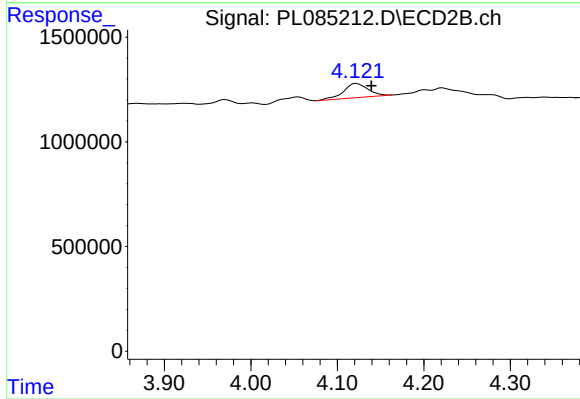
R.T.: 3.868 min  
Delta R.T.: 0.008 min  
Response: 26024  
Conc: 0.02 ng/ml



#5 Aldrin

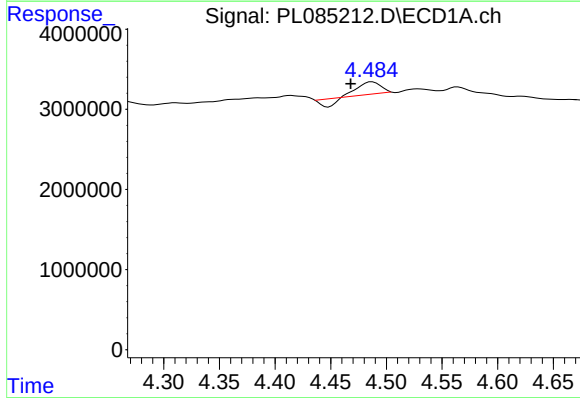
R.T.: 5.190 min  
Delta R.T.: -0.012 min  
Response: 388847  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



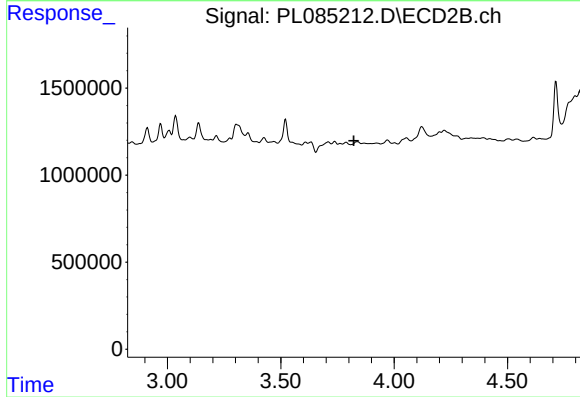
#5 Aldrin

R.T.: 4.122 min  
Delta R.T.: -0.017 min  
Response: 1323963  
Conc: 0.87 ng/ml



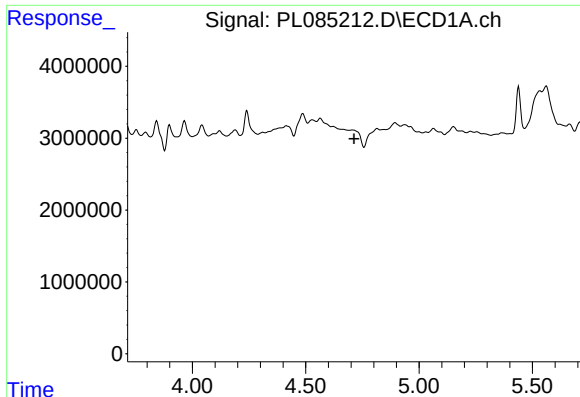
#6 beta-BHC

R.T.: 4.487 min  
Delta R.T.: 0.019 min  
Response: 1639675  
Conc: 1.16 ng/ml



#6 beta-BHC

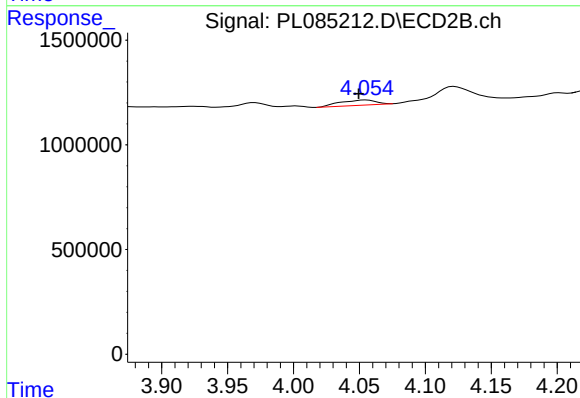
R.T.: 3.838 min  
Delta R.T.: 0.016 min  
Response: -58189  
Conc: N.D.



#7 delta-BHC

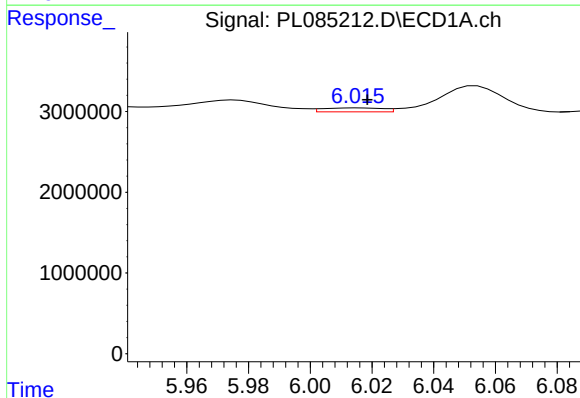
R.T.: 0.000 min  
Exp R.T.: 4.714 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



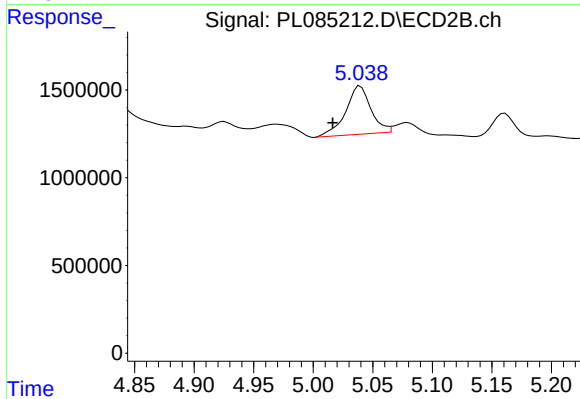
#7 delta-BHC

R.T.: 4.055 min  
Delta R.T.: 0.005 min  
Response: 461509  
Conc: 0.30 ng/ml



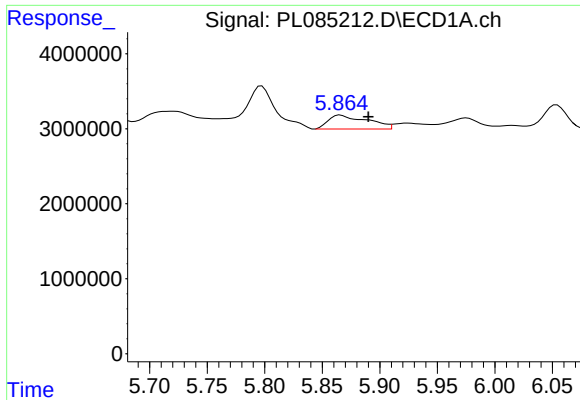
#9 Endosulfan I

R.T.: 6.016 min  
Delta R.T.: -0.003 min  
Response: 647345  
Conc: 0.27 ng/ml



#9 Endosulfan I

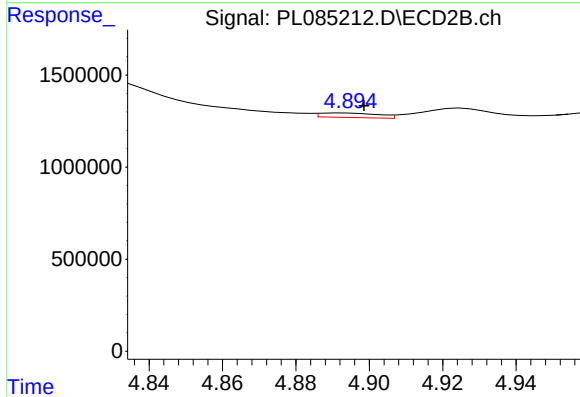
R.T.: 5.040 min  
Delta R.T.: 0.023 min  
Response: 4059733  
Conc: 0.27 ng/ml



#10 gamma-Chlordane

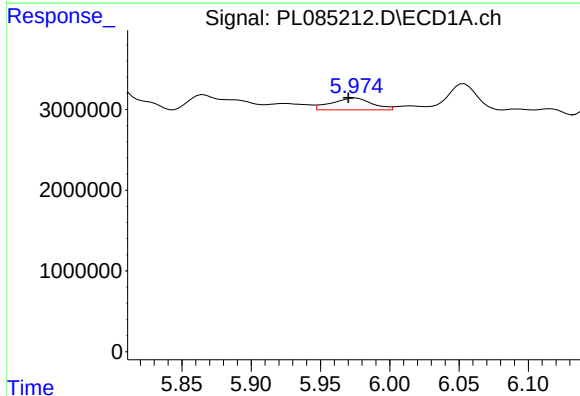
R.T.: 5.866 min  
Delta R.T.: -0.024 min  
Response: 4408656  
Conc: 1.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



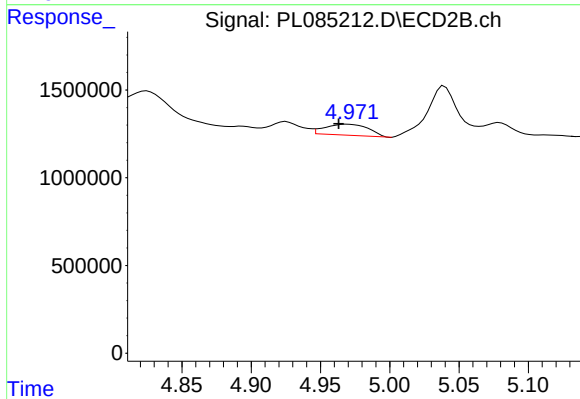
#10 gamma-Chlordane

R.T.: 4.893 min  
Delta R.T.: -0.006 min  
Response: 267257  
Conc: 0.19 ng/ml



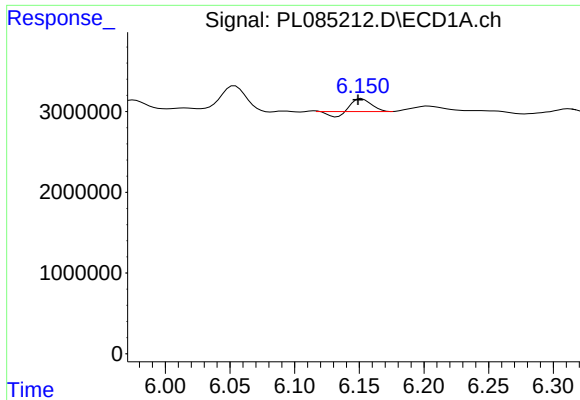
#11 alpha-Chlordane

R.T.: 5.975 min  
Delta R.T.: 0.005 min  
Response: 2972568  
Conc: 1.16 ng/ml



#11 alpha-Chlordane

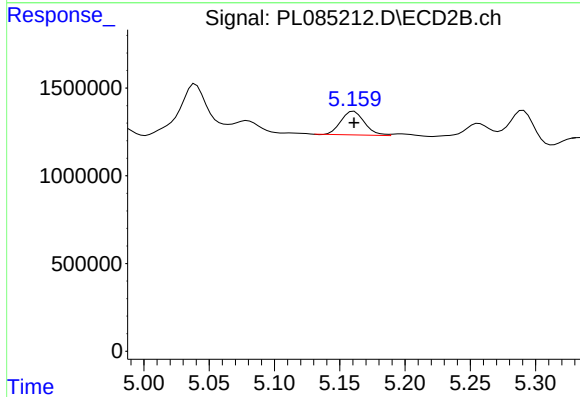
R.T.: 4.970 min  
Delta R.T.: 0.007 min  
Response: 1370446  
Conc: 0.92 ng/ml



#12 4,4'-DDE

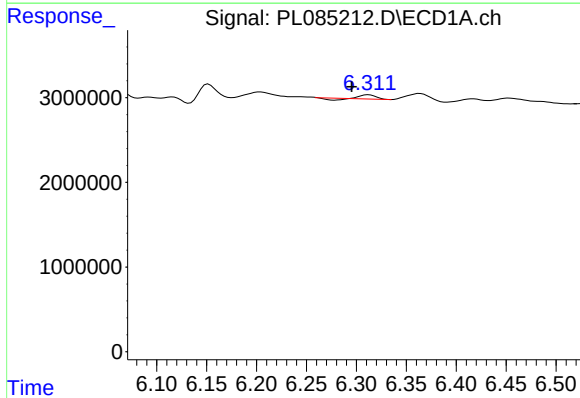
R.T.: 6.152 min  
Delta R.T.: 0.003 min  
Response: 1273834  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



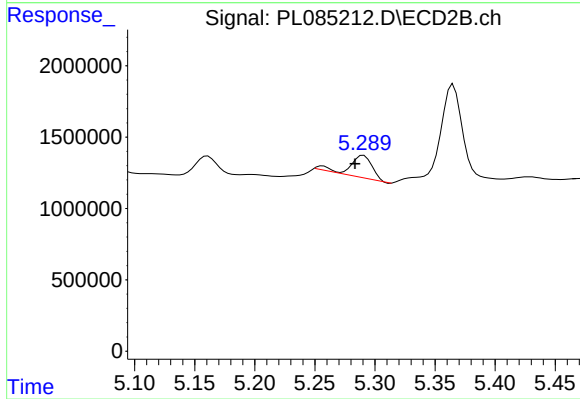
#12 4,4'-DDE

R.T.: 5.161 min  
Delta R.T.: 0.000 min  
Response: 1696218  
Conc: 1.36 ng/ml



#13 Dieldrin

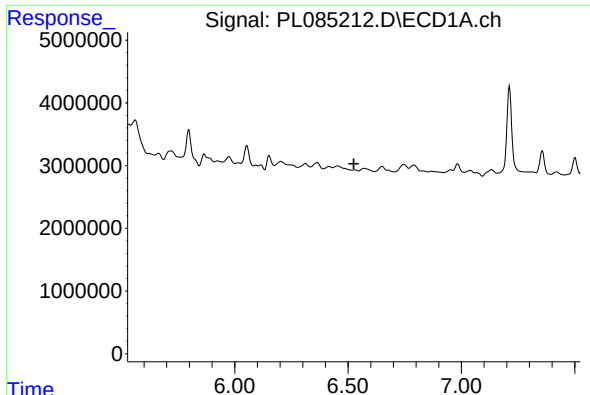
R.T.: 6.312 min  
Delta R.T.: 0.017 min  
Response: 326243  
Conc: 0.13 ng/ml



#13 Dieldrin

R.T.: 5.290 min  
Delta R.T.: 0.007 min  
Response: 2037176  
Conc: 1.45 ng/ml

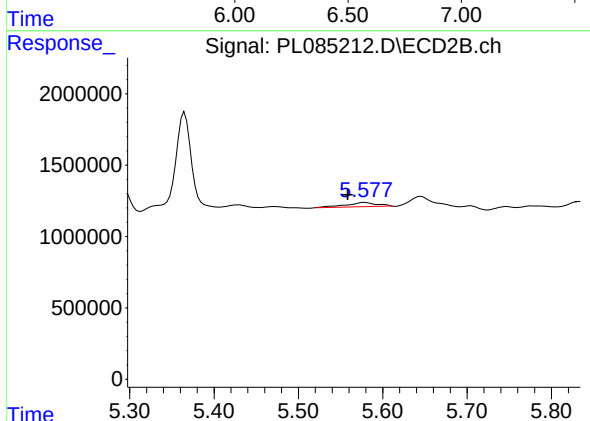




#14 Endrin

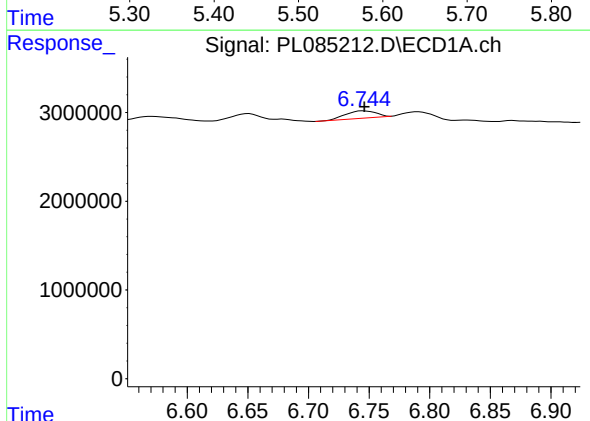
R.T.: 0.000 min  
Exp R.T.: 6.525 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



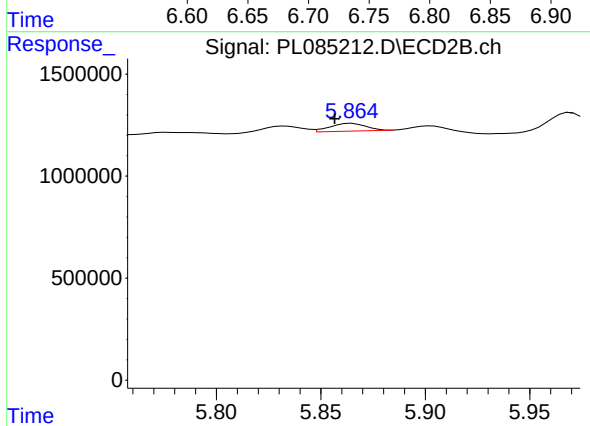
#14 Endrin

R.T.: 5.579 min  
Delta R.T.: 0.020 min  
Response: 787842  
Conc: 0.62 ng/ml



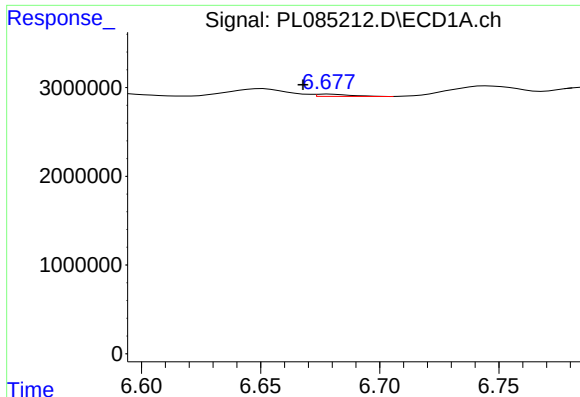
#15 Endosulfan II

R.T.: 6.745 min  
Delta R.T.: -0.001 min  
Response: 1435094  
Conc: 0.71 ng/ml



#15 Endosulfan II

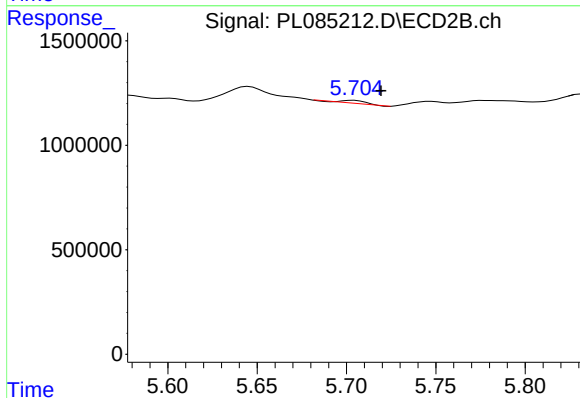
R.T.: 5.865 min  
Delta R.T.: 0.008 min  
Response: 463103  
Conc: 0.37 ng/ml



#16 4,4'-DDD

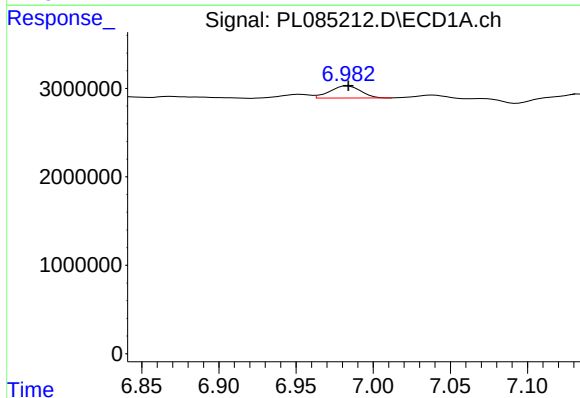
R.T.: 6.679 min  
Delta R.T.: 0.011 min  
Response: 249404  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



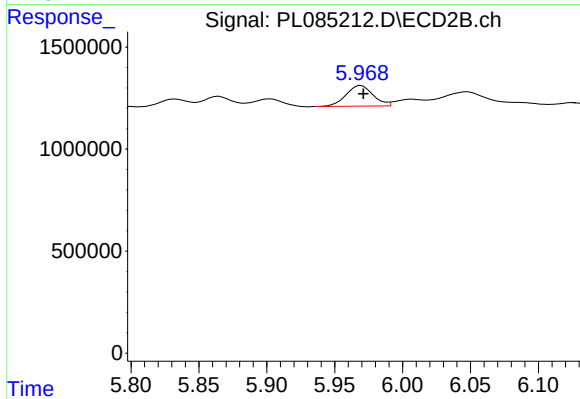
#16 4,4'-DDD

R.T.: 5.704 min  
Delta R.T.: -0.015 min  
Response: 119047  
Conc: 0.11 ng/ml



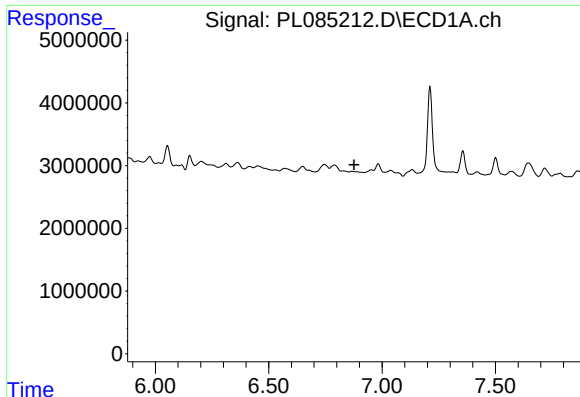
#17 4,4'-DDT

R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 1918791  
Conc: 1.14 ng/ml



#17 4,4'-DDT

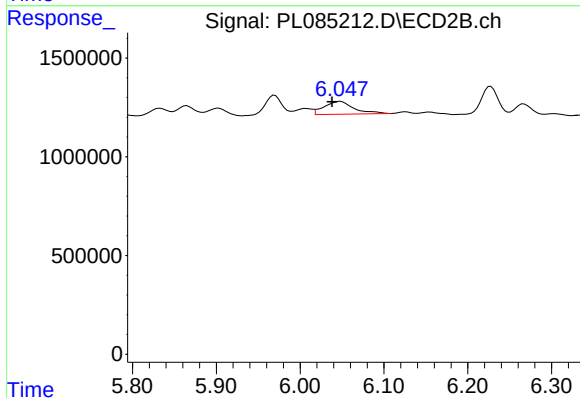
R.T.: 5.970 min  
Delta R.T.: -0.002 min  
Response: 1398512  
Conc: 1.20 ng/ml



#18 Endrin aldehyde

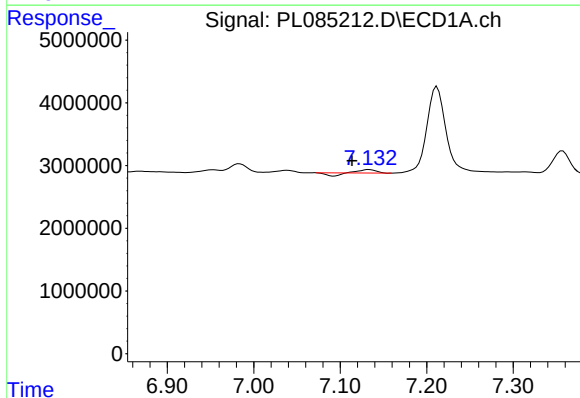
R.T.: 0.000 min  
Exp R.T.: 6.877 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



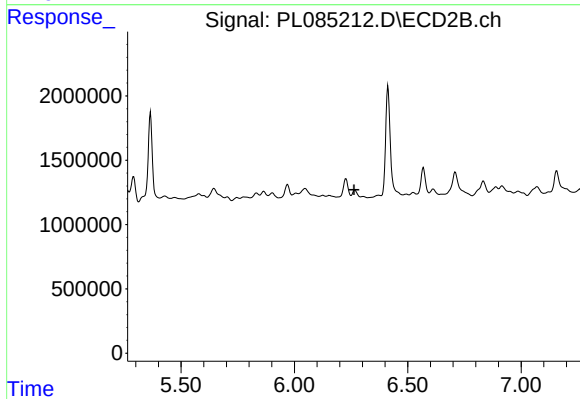
#18 Endrin aldehyde

R.T.: 6.048 min  
Delta R.T.: 0.009 min  
Response: 1615472  
Conc: 1.58 ng/ml



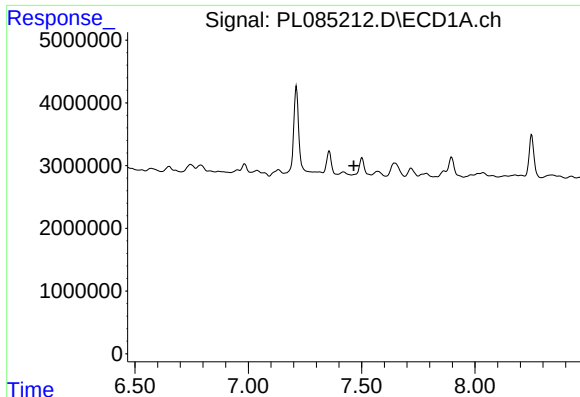
#19 Endosulfan Sulfate

R.T.: 7.133 min  
Delta R.T.: 0.020 min  
Response: 287496  
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

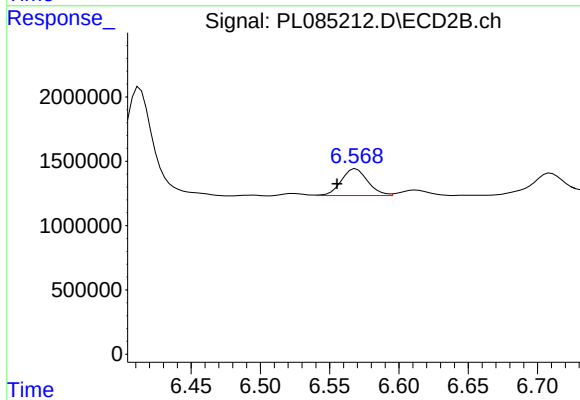
R.T.: 6.267 min  
Delta R.T.: 0.004 min  
Response: -1153935  
Conc: N.D.



#20 Methoxychlor

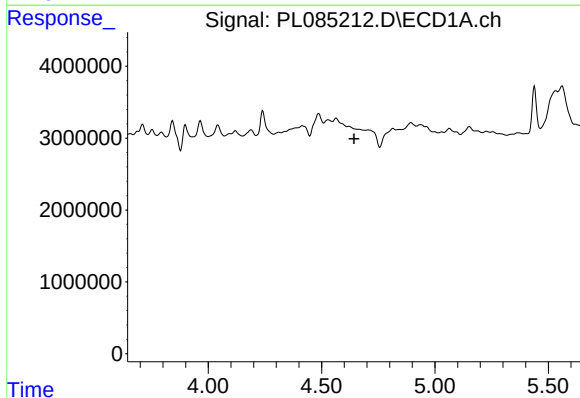
R.T.: 0.000 min  
Exp R.T.: 7.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



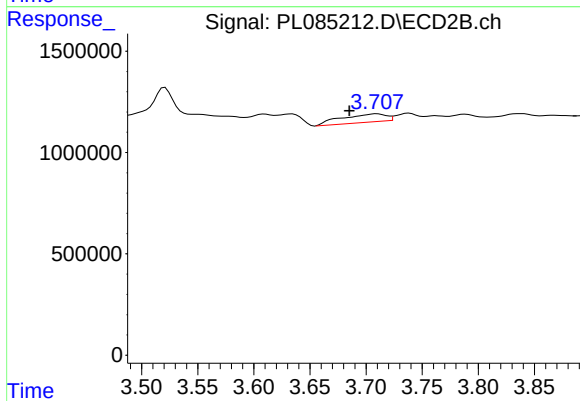
#20 Methoxychlor

R.T.: 6.569 min  
Delta R.T.: 0.014 min  
Response: 2770325  
Conc: 4.12 ng/ml



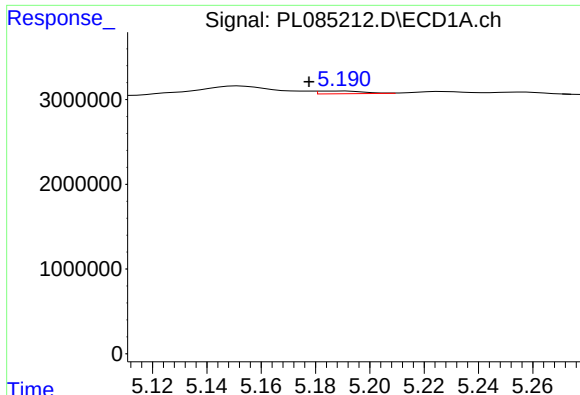
#23 Chlordane-1

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



#23 Chlordane-1

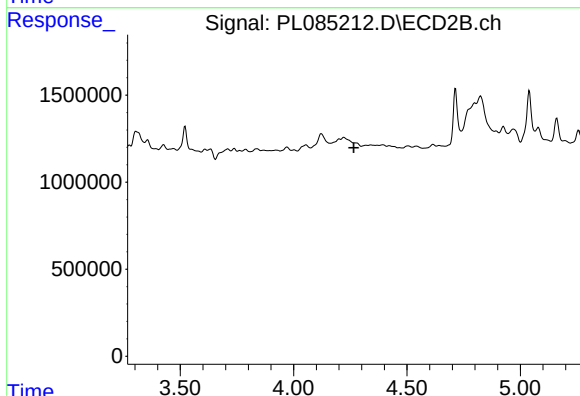
R.T.: 3.710 min  
Delta R.T.: 0.024 min  
Response: 1136216  
Conc: 29.24 ng/ml



#24 Chlordane-2

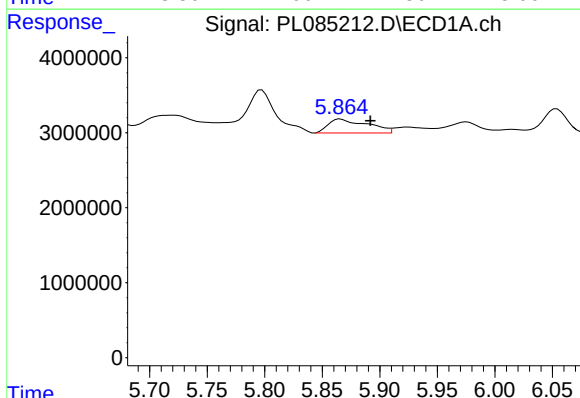
R.T.: 5.190 min  
Delta R.T.: 0.012 min  
Response: 388847  
Conc: 3.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



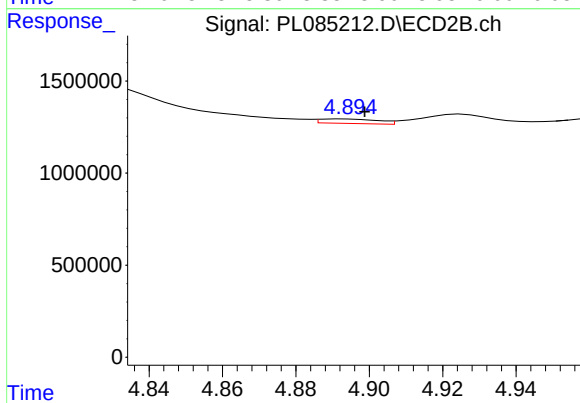
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.266 min  
Response: 0  
Conc: N.D.



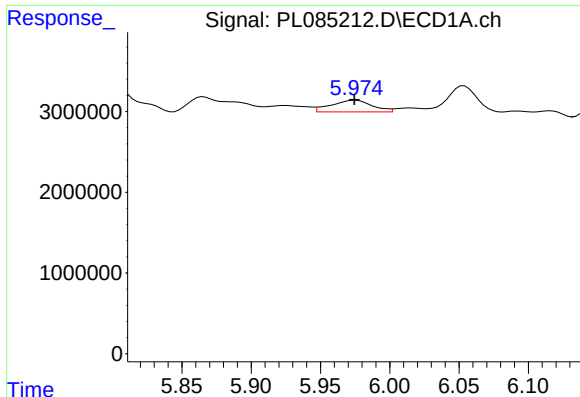
#25 Chlordane-3

R.T.: 5.866 min  
Delta R.T.: -0.026 min  
Response: 4408656  
Conc: 12.20 ng/ml



#25 Chlordane-3

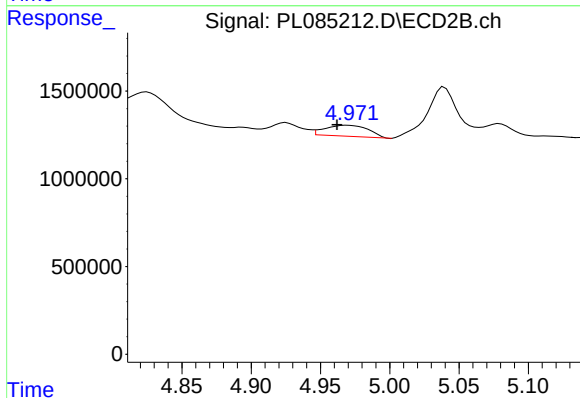
R.T.: 4.893 min  
Delta R.T.: -0.006 min  
Response: 267257  
Conc: 1.99 ng/ml



#26 Chlordane-4

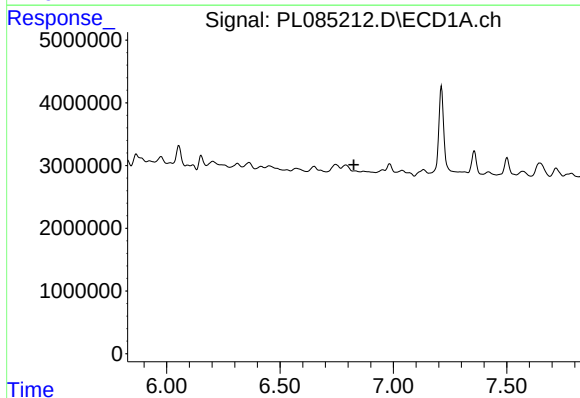
R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 2972568  
Conc: 6.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



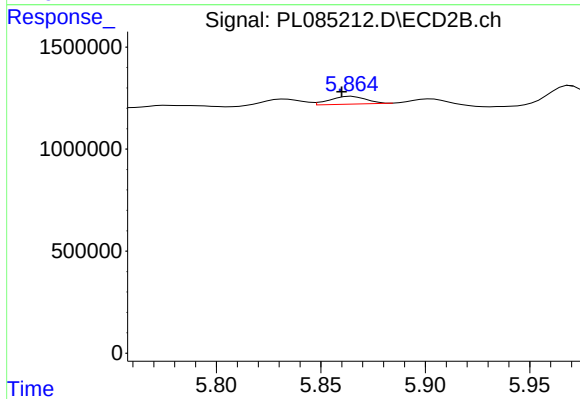
#26 Chlordane-4

R.T.: 4.970 min  
Delta R.T.: 0.008 min  
Response: 1370446  
Conc: 9.22 ng/ml



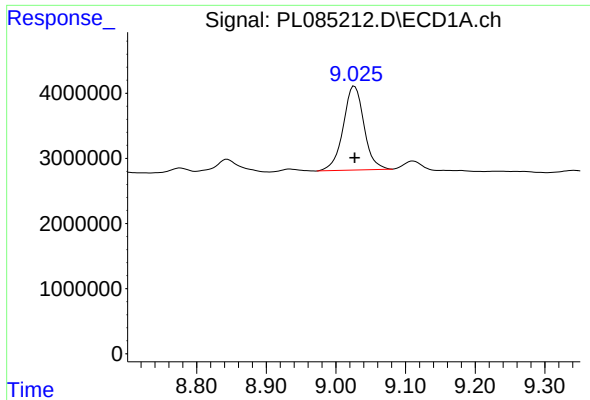
#27 Chlordane-5

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



#27 Chlordane-5

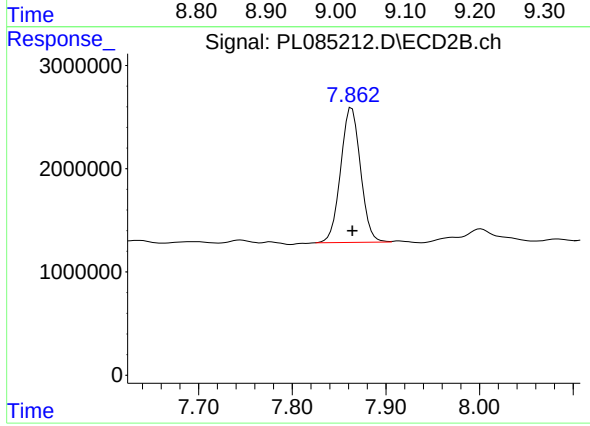
R.T.: 5.865 min  
Delta R.T.: 0.005 min  
Response: 463103  
Conc: 9.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.000 min  
Response: 26716959  
Conc: 16.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 19255638  
Conc: 14.47 ng/ml