

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081423\  
 Data File : PL084714.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2023 17:40  
 Operator : AR\AJ  
 Sample : 03975-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 20:45:35 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  | 2.686  | 18346931 | 8712492  | 7.896  | 8.012    |
| 28)                         | SA Decachlor... | 9.027  | 7.866  | 20200024 | 13129645 | 12.415 | 10.531   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.185  | 0        | 320079   | N.D.   | 0.207 #  |
| 3)                          | MA gamma-BHC... | 4.261  | 0.000  | 1733852  | 0        | 0.544  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.833f | 0.000  | 16277277 | 0        | 4.840  | N.D. #   |
| 5)                          | MB Aldrin       | 5.190  | 4.141  | 2271715  | 835974   | 0.687  | 0.575    |
| 6)                          | B beta-BHC      | 4.485f | 3.825  | 3342266  | 223758   | 2.393  | 0.334 #  |
| 7)                          | B delta-BHC     | 4.726  | 4.069f | 3081419  | 874697   | 0.956  | 0.576 #  |
| 8)                          | B Heptachlo...  | 5.655f | 4.646  | 4433395  | 492342   | 1.472  | 0.371 #  |
| 9)                          | A Endosulfan I  | 6.003f | 5.040f | 1115153  | 308384   | 0.424  | 0.249 #  |
| 10)                         | B gamma-Chl...  | 5.878  | 4.912  | 21877336 | 1399259  | 7.640  | 1.032 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.977  | 0        | 842230   | N.D.   | 0.618 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.176  | 0        | 442308   | N.D.   | 0.359 #  |
| 13)                         | MA Dieldrin     | 6.313f | 5.282  | 1768380  | 904497   | 0.669  | 0.666    |
| 14)                         | MA Endrin       | 6.522  | 0.000  | 646811   | 0        | 0.297  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.744  | 5.841f | 17115774 | 47518    | 8.093  | 0.039 #  |
| 16)                         | A 4,4'-DDD      | 6.650f | 5.743f | 7124921  | 591418   | 4.250  | 0.572 #  |
| 17)                         | MA 4,4'-DDT     | 6.987  | 0.000  | 51112453 | 0        | 27.279 | N.D. #   |
| 18)                         | B Endrin al...  | 0.000  | 6.013f | 0        | 314743   | N.D.   | 0.317 #  |
| 19)                         | B Endosulfa...  | 7.134f | 6.259  | 267474   | 252162   | 0.134  | 0.212 #  |
| 20)                         | A Methoxychlor  | 7.446f | 0.000  | 245855   | 0        | 0.256  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.686  | 0        | 616726   | N.D.   | 16.090 # |
| 24)                         | Chlordane-2     | 5.190  | 0.000  | 2271715  | 0        | 19.898 | N.D. #   |
| 25)                         | Chlordane-3     | 5.878  | 4.912  | 21877336 | 1399259  | 54.241 | 10.101 # |
| 26)                         | Chlordane-4     | 6.003f | 4.977  | 1115153  | 842230   | 2.302  | 5.868 #  |
| 27)                         | Chlordane-5     | 6.803f | 5.841f | 641216   | 47518    | 8.613  | 0.933 #  |
| -----                       |                 |        |        |          |          |        |          |

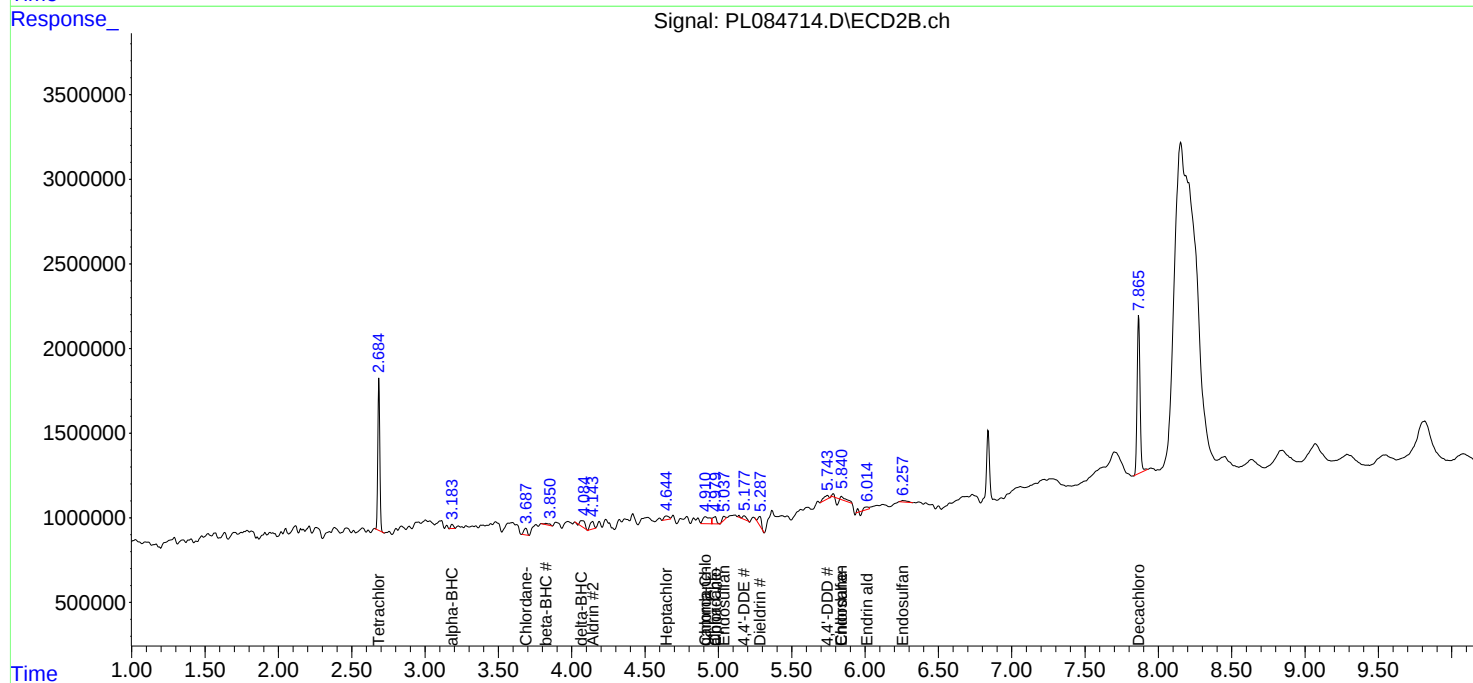
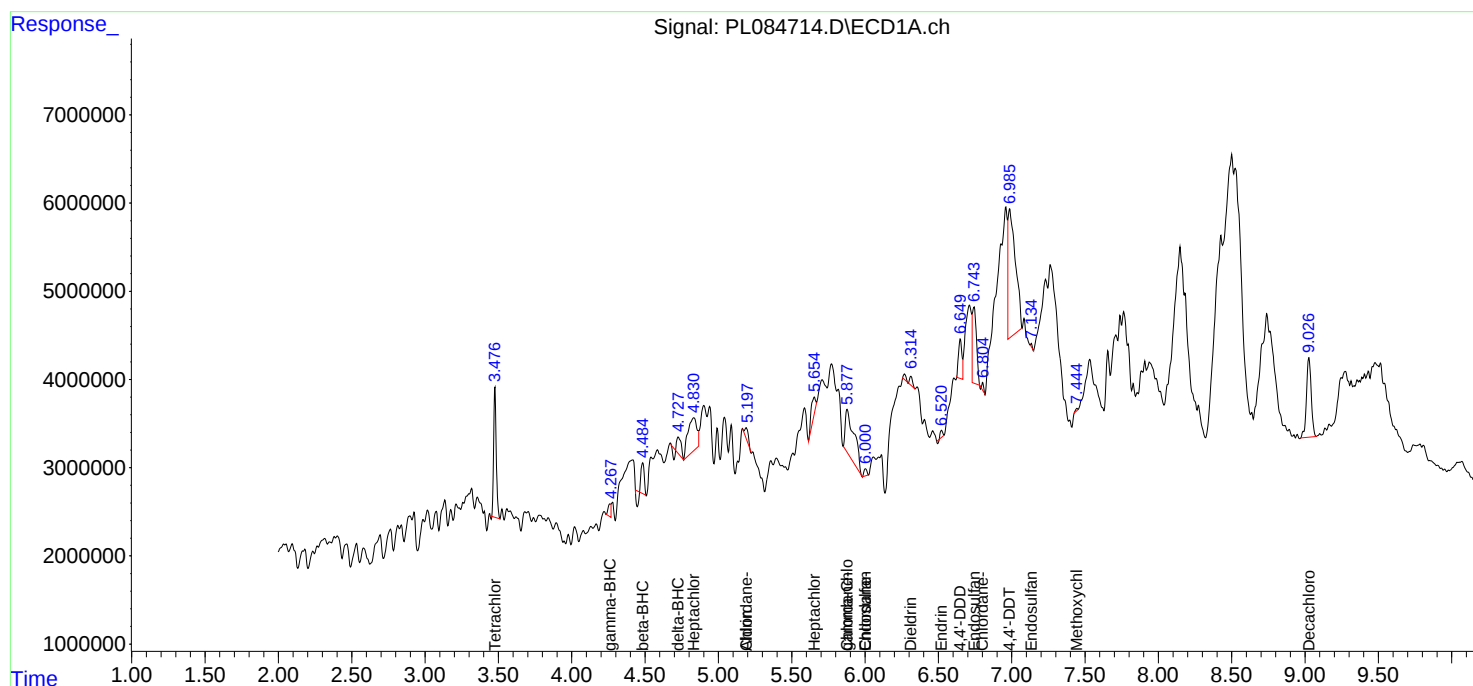
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

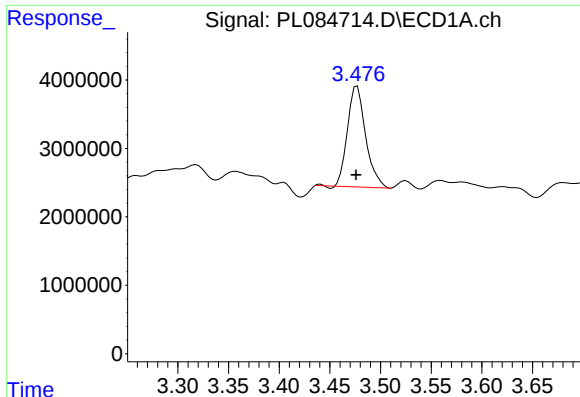
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081423\  
Data File : PL084714.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2023 17:40  
Operator : AR\AJ  
Sample : 03975-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 20:45:35 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

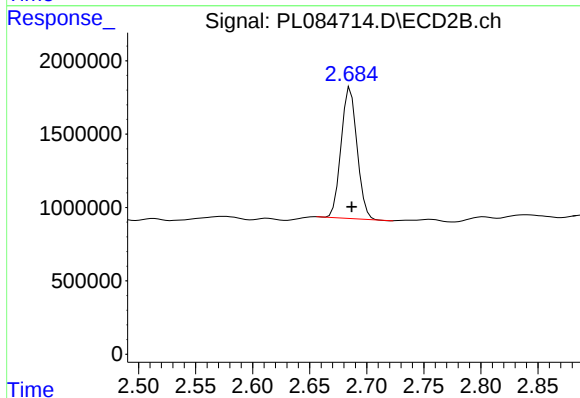




#1 Tetrachloro-m-xylene

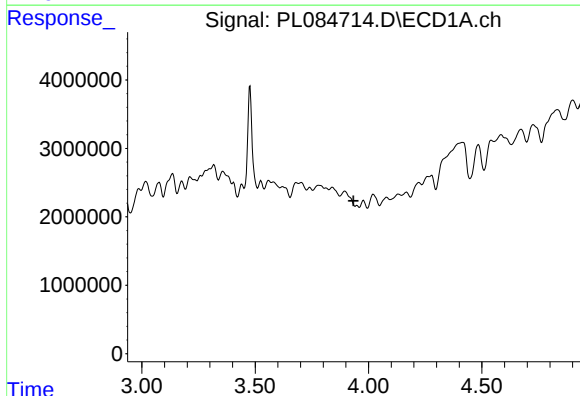
R.T.: 3.477 min  
Delta R.T.: 0.000 min  
Response: 18346931  
Conc: 7.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



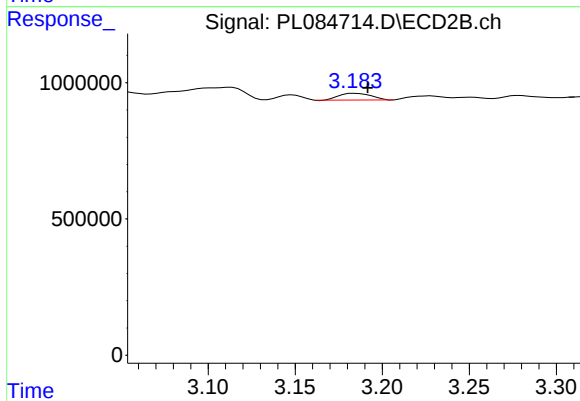
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: -0.001 min  
Response: 8712492  
Conc: 8.01 ng/ml



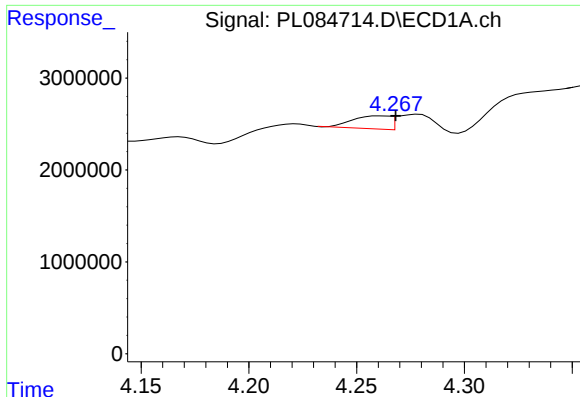
#2 alpha-BHC

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



#2 alpha-BHC

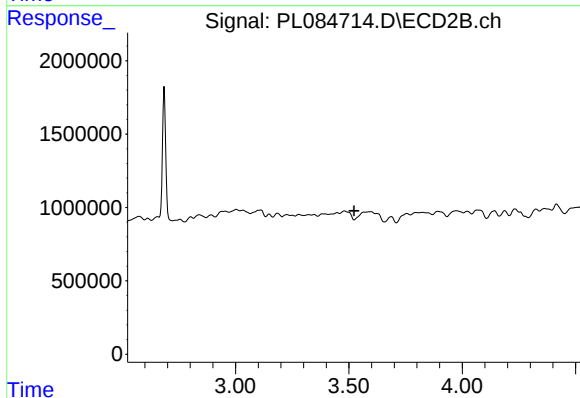
R.T.: 3.185 min  
Delta R.T.: -0.007 min  
Response: 320079  
Conc: 0.21 ng/ml



#3 gamma-BHC (Lindane)

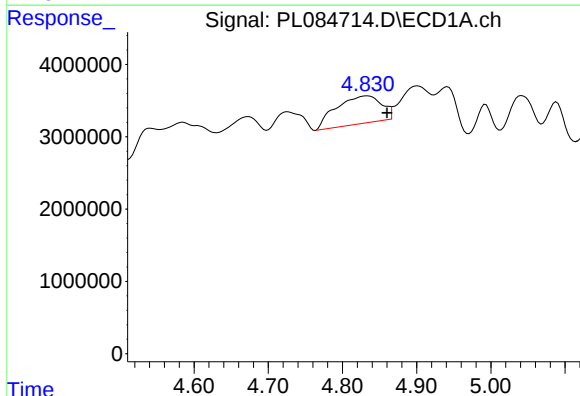
R.T.: 4.261 min  
Delta R.T.: -0.007 min  
Response: 1733852  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



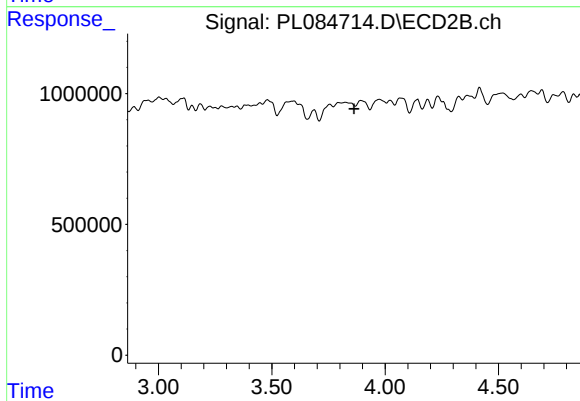
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.523 min  
Response: 0  
Conc: N.D.



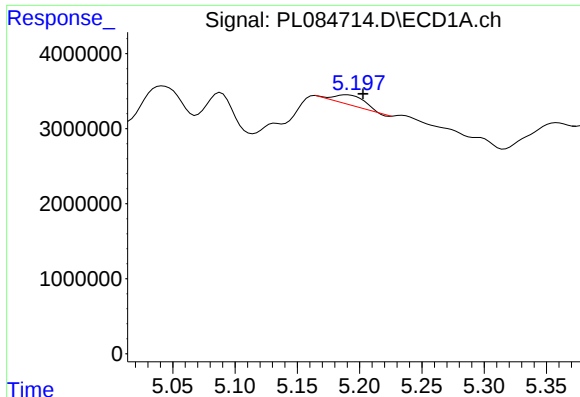
#4 Heptachlor

R.T.: 4.833 min  
Delta R.T.: -0.027 min  
Response: 16277277  
Conc: 4.84 ng/ml



#4 Heptachlor

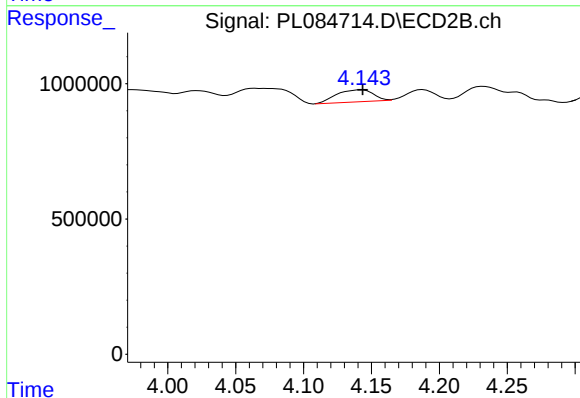
R.T.: 0.000 min  
Exp R.T. : 3.863 min  
Response: 0  
Conc: N.D.



#5 Aldrin

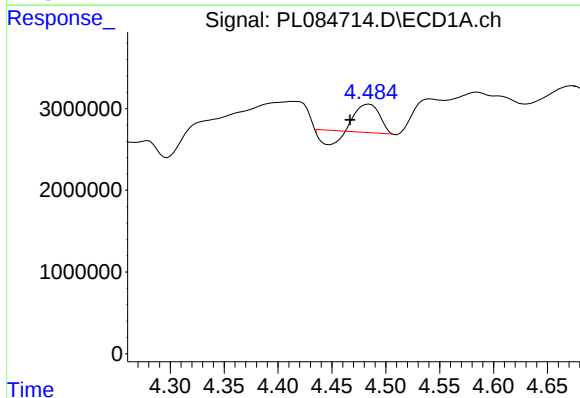
R.T.: 5.190 min  
Delta R.T.: -0.013 min  
Response: 2271715  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



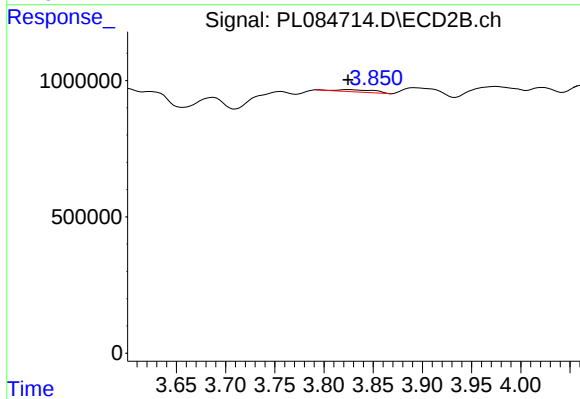
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: -0.002 min  
Response: 835974  
Conc: 0.58 ng/ml



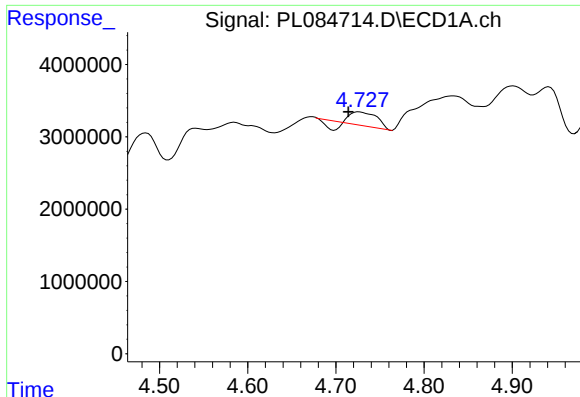
#6 beta-BHC

R.T.: 4.485 min  
Delta R.T.: 0.018 min  
Response: 3342266  
Conc: 2.39 ng/ml



#6 beta-BHC

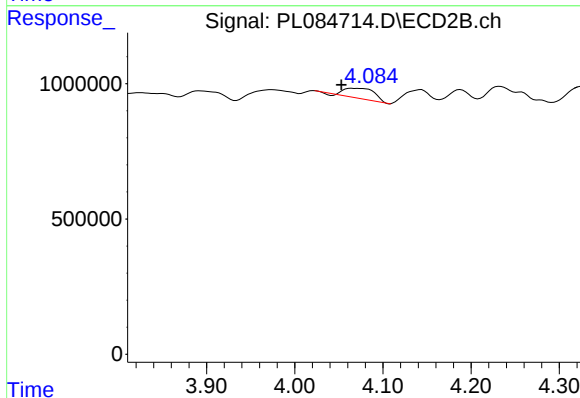
R.T.: 3.825 min  
Delta R.T.: 0.000 min  
Response: 223758  
Conc: 0.33 ng/ml



#7 delta-BHC

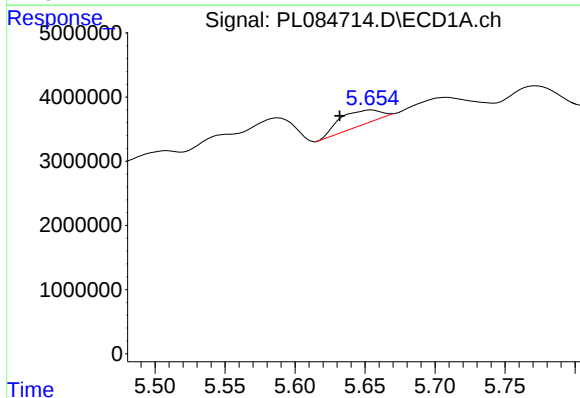
R.T.: 4.726 min  
Delta R.T.: 0.012 min  
Response: 3081419  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



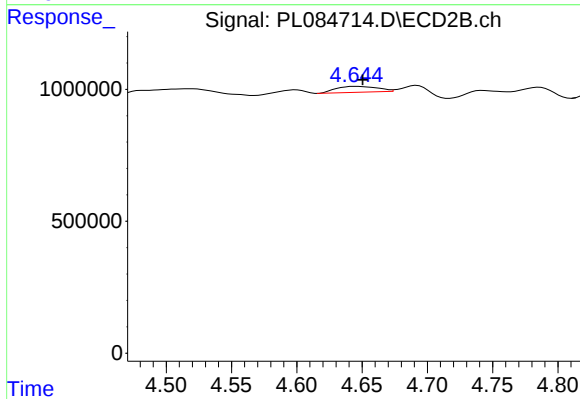
#7 delta-BHC

R.T.: 4.069 min  
Delta R.T.: 0.016 min  
Response: 874697  
Conc: 0.58 ng/ml



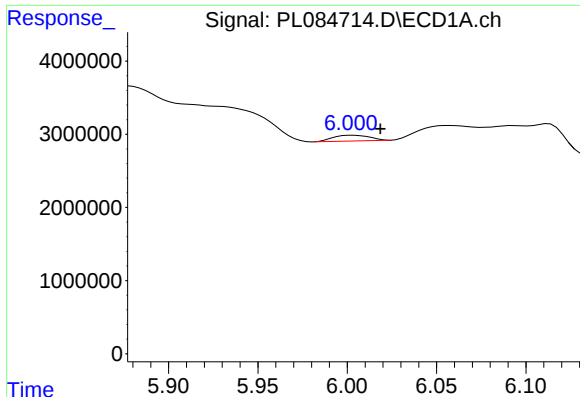
#8 Heptachlor epoxide

R.T.: 5.655 min  
Delta R.T.: 0.023 min  
Response: 4433395  
Conc: 1.47 ng/ml



#8 Heptachlor epoxide

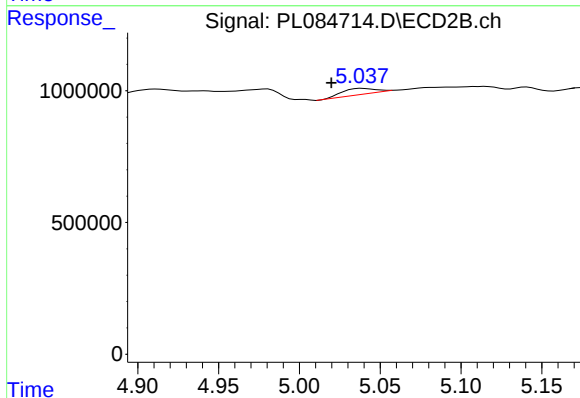
R.T.: 4.646 min  
Delta R.T.: -0.004 min  
Response: 492342  
Conc: 0.37 ng/ml



#9 Endosulfan I

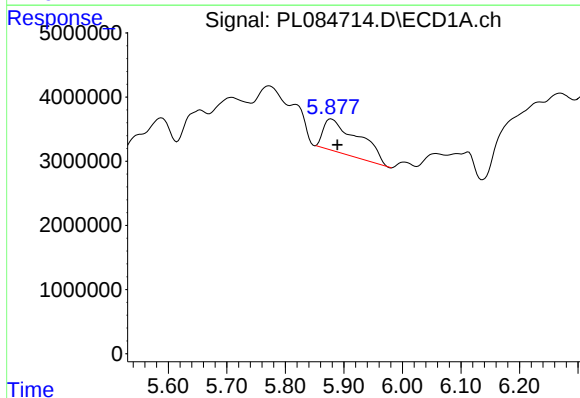
R.T.: 6.003 min  
Delta R.T.: -0.015 min  
Response: 1115153  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



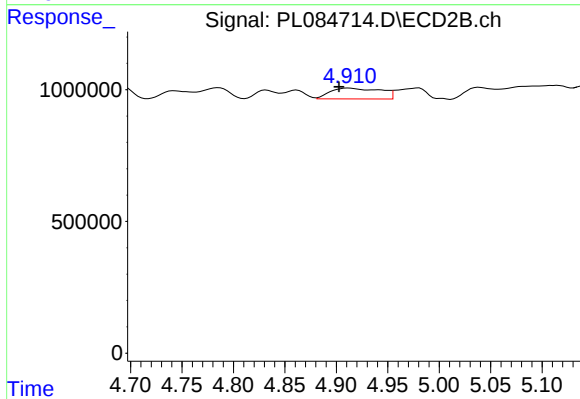
#9 Endosulfan I

R.T.: 5.040 min  
Delta R.T.: 0.020 min  
Response: 308384  
Conc: 0.25 ng/ml



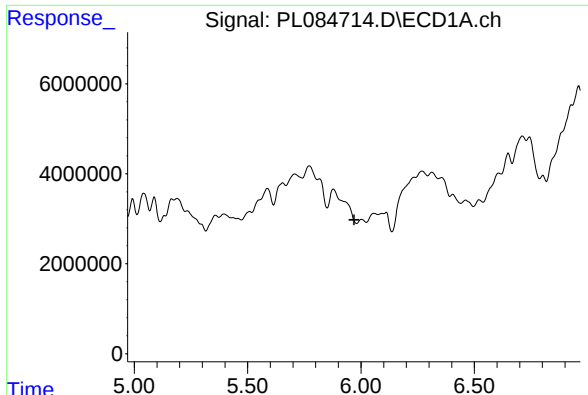
#10 gamma-Chlordane

R.T.: 5.878 min  
Delta R.T.: -0.011 min  
Response: 21877336  
Conc: 7.64 ng/ml



#10 gamma-Chlordane

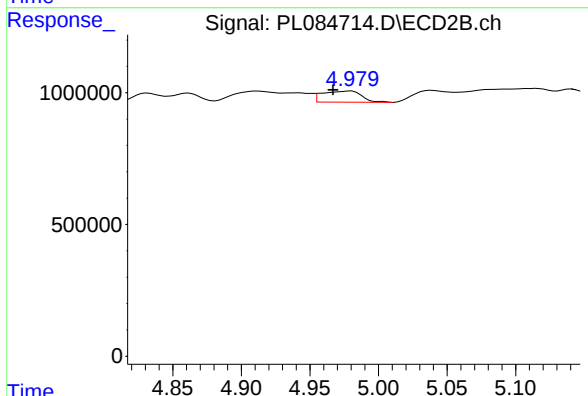
R.T.: 4.912 min  
Delta R.T.: 0.010 min  
Response: 1399259  
Conc: 1.03 ng/ml



#11 alpha-Chlordane

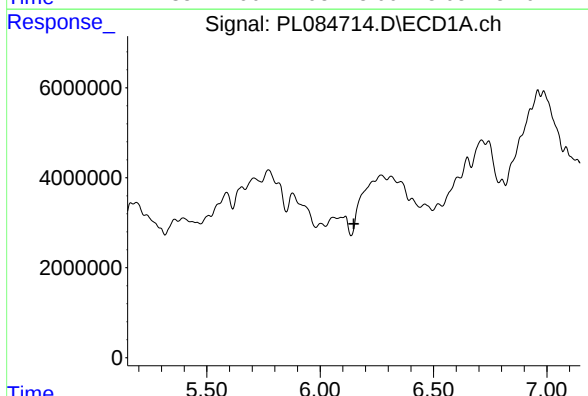
R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



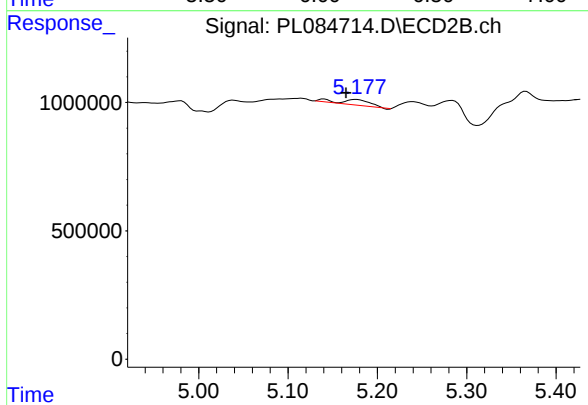
#11 alpha-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.010 min  
Response: 842230  
Conc: 0.62 ng/ml



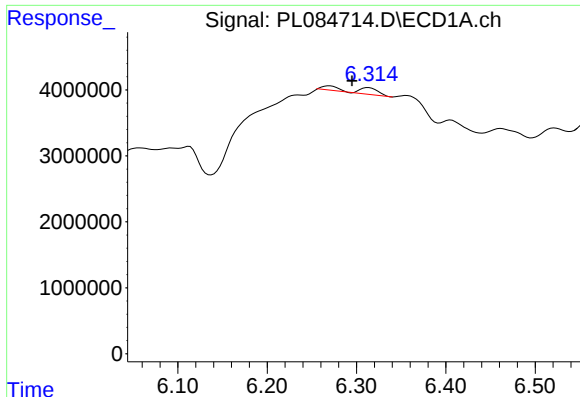
#12 4,4'-DDE

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



#12 4,4'-DDE

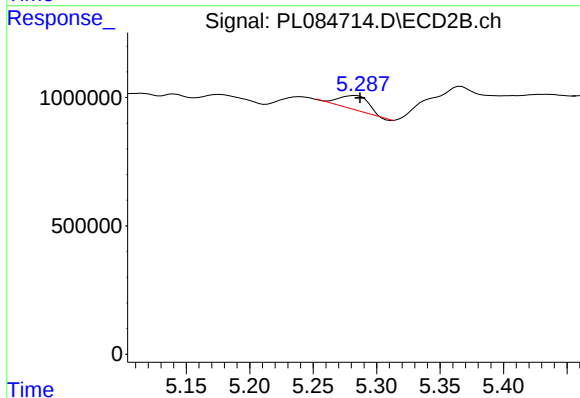
R.T.: 5.176 min  
Delta R.T.: 0.011 min  
Response: 442308  
Conc: 0.36 ng/ml



#13 Dieldrin

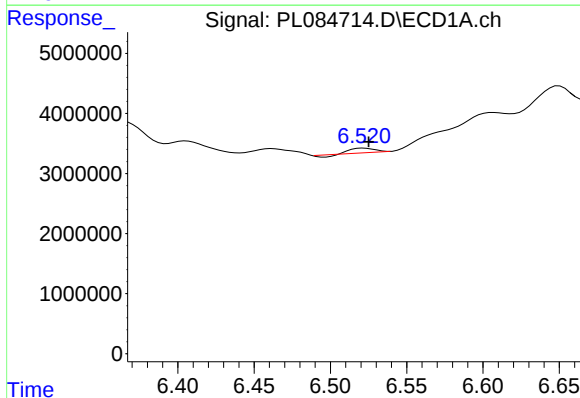
R.T.: 6.313 min  
Delta R.T.: 0.018 min  
Response: 1768380  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



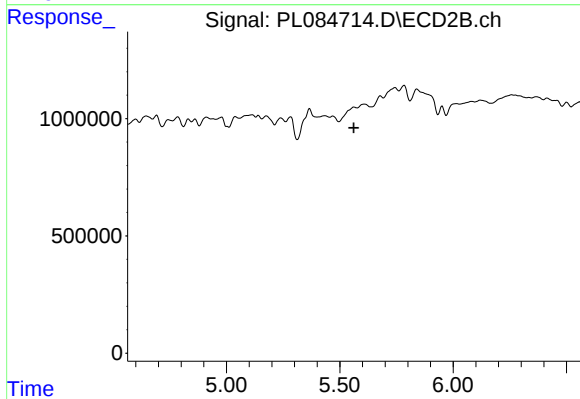
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.005 min  
Response: 904497  
Conc: 0.67 ng/ml



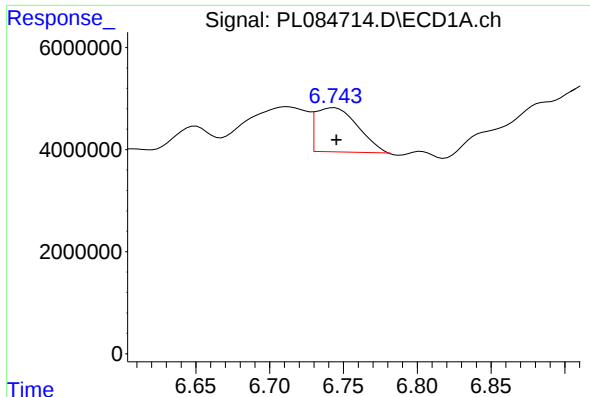
#14 Endrin

R.T.: 6.522 min  
Delta R.T.: -0.003 min  
Response: 646811  
Conc: 0.30 ng/ml



#14 Endrin

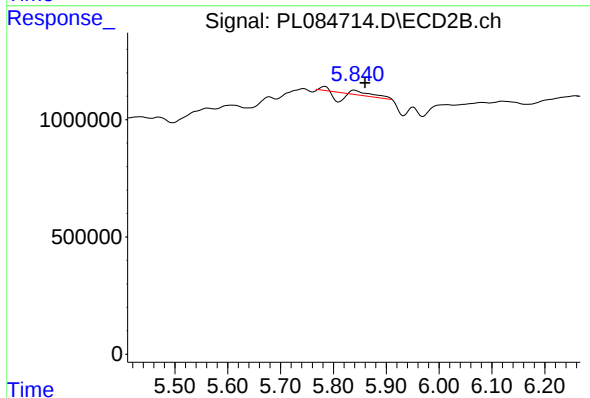
R.T.: 0.000 min  
Exp R.T. : 5.562 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

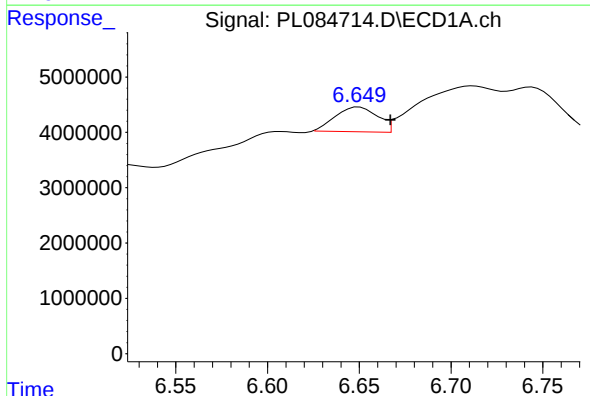
R.T.: 6.744 min  
Delta R.T.: -0.001 min  
Response: 17115774  
Conc: 8.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



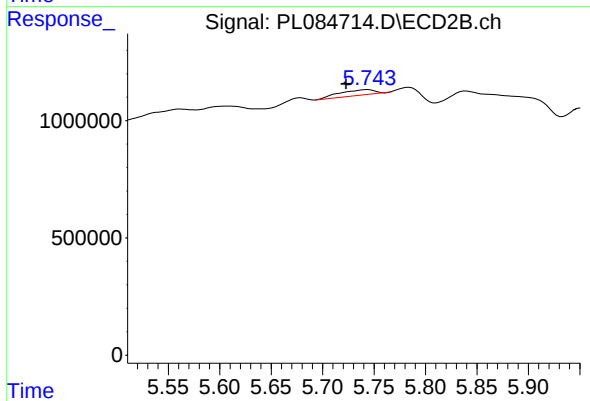
#15 Endosulfan II

R.T.: 5.841 min  
Delta R.T.: -0.019 min  
Response: 47518  
Conc: 0.04 ng/ml



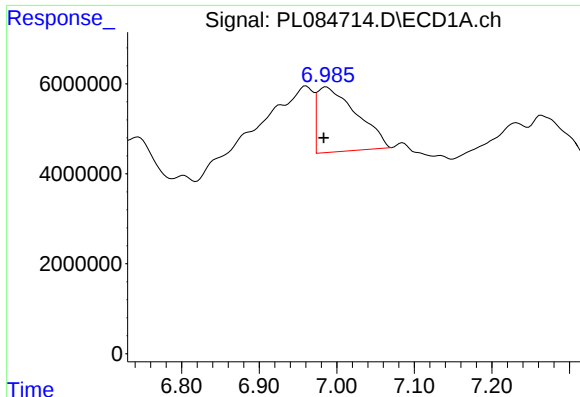
#16 4,4'-DDD

R.T.: 6.650 min  
Delta R.T.: -0.017 min  
Response: 7124921  
Conc: 4.25 ng/ml



#16 4,4'-DDD

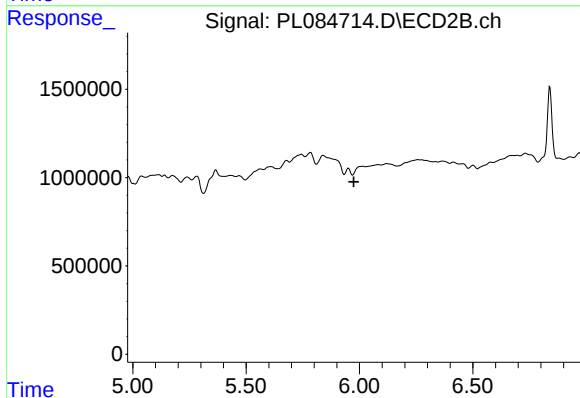
R.T.: 5.743 min  
Delta R.T.: 0.020 min  
Response: 591418  
Conc: 0.57 ng/ml



#17 4,4'-DDT

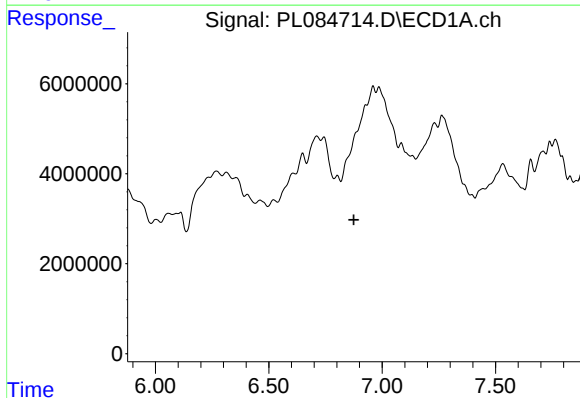
R.T.: 6.987 min  
Delta R.T.: 0.003 min  
Response: 51112453  
Conc: 27.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



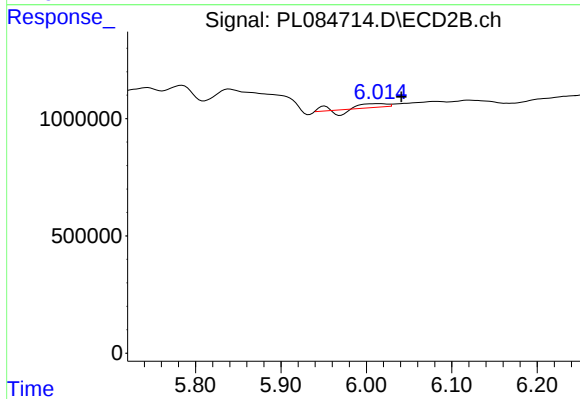
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 5.975 min  
Response: 0  
Conc: N.D.



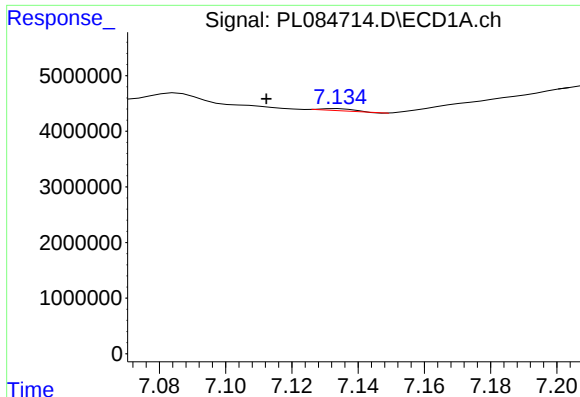
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.876 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

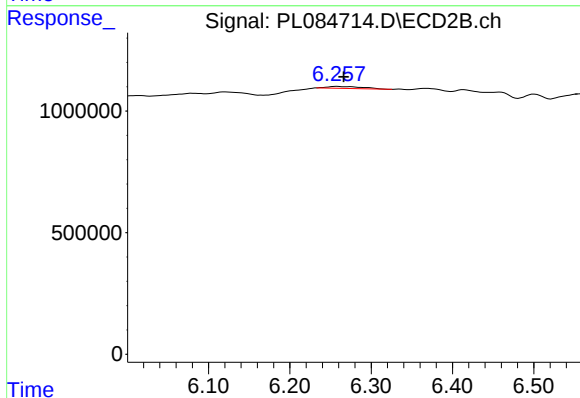
R.T.: 6.013 min  
Delta R.T.: -0.028 min  
Response: 314743  
Conc: 0.32 ng/ml



#19 Endosulfan Sulfate

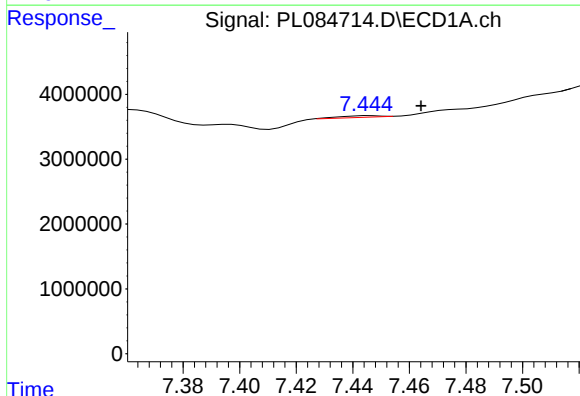
R.T.: 7.134 min  
Delta R.T.: 0.021 min  
Response: 267474  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



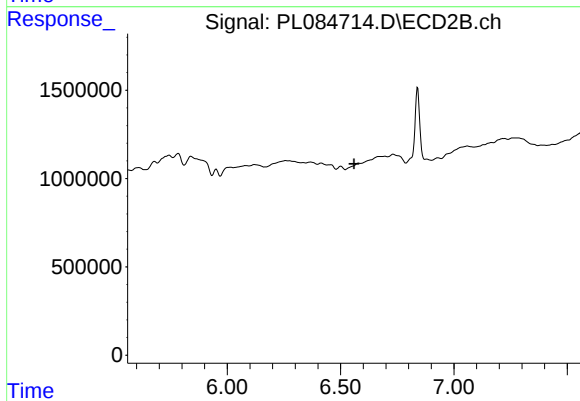
#19 Endosulfan Sulfate

R.T.: 6.259 min  
Delta R.T.: -0.007 min  
Response: 252162  
Conc: 0.21 ng/ml



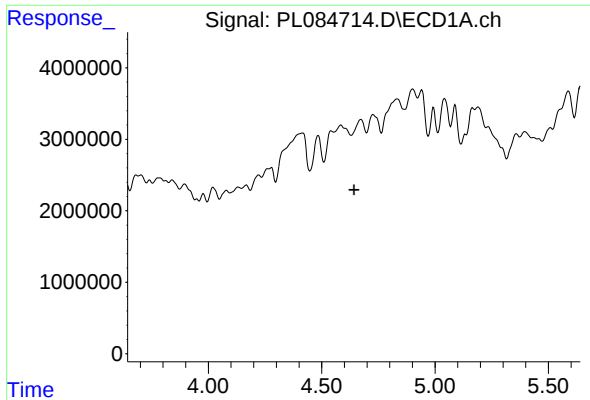
#20 Methoxychlor

R.T.: 7.446 min  
Delta R.T.: -0.018 min  
Response: 245855  
Conc: 0.26 ng/ml



#20 Methoxychlor

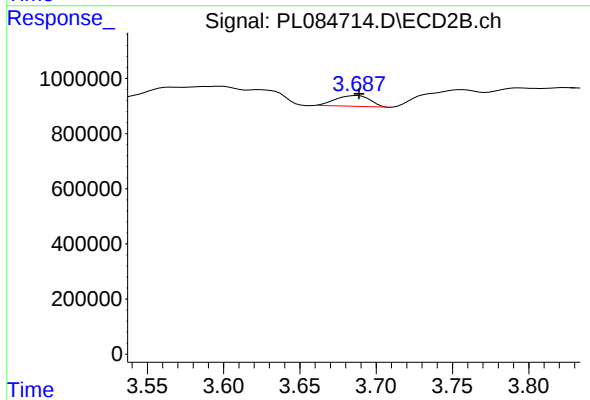
R.T.: 0.000 min  
Exp R.T. : 6.559 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

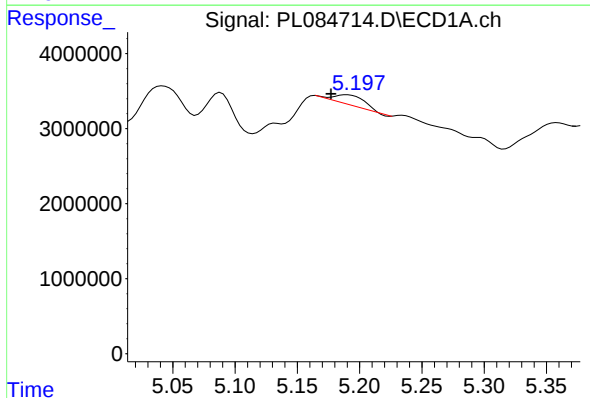
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



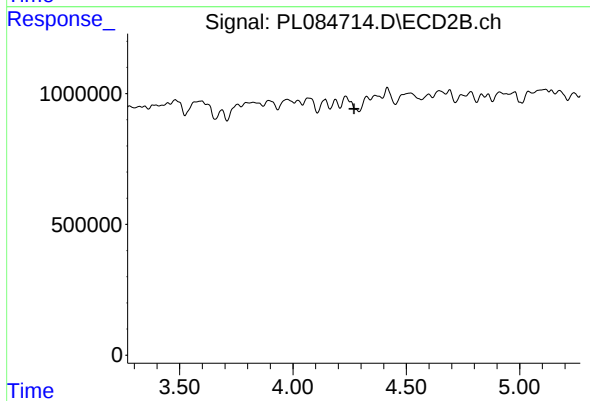
#23 Chlordane-1

R.T.: 3.686 min  
Delta R.T.: -0.002 min  
Response: 616726  
Conc: 16.09 ng/ml



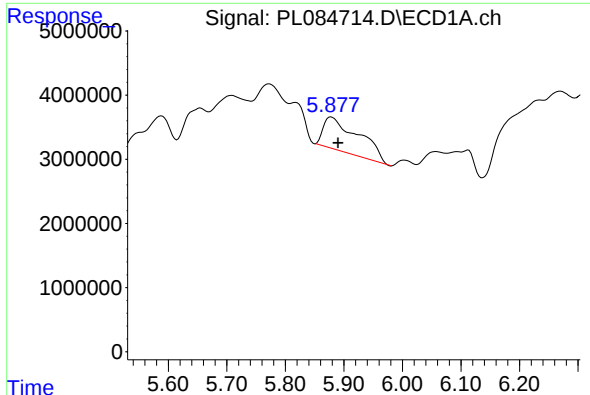
#24 Chlordane-2

R.T.: 5.190 min  
Delta R.T.: 0.013 min  
Response: 2271715  
Conc: 19.90 ng/ml



#24 Chlordane-2

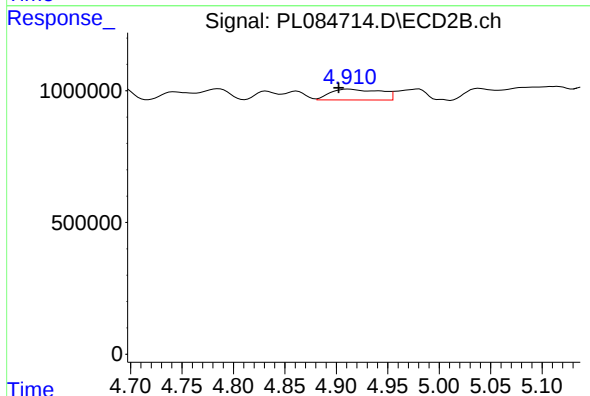
R.T.: 0.000 min  
Exp R.T.: 4.269 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

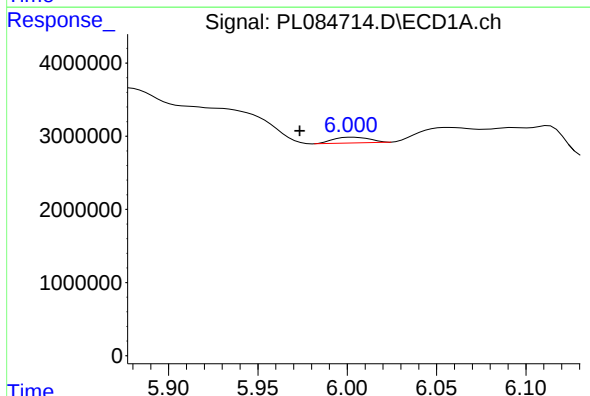
R.T.: 5.878 min  
Delta R.T.: -0.012 min  
Response: 21877336  
Conc: 54.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



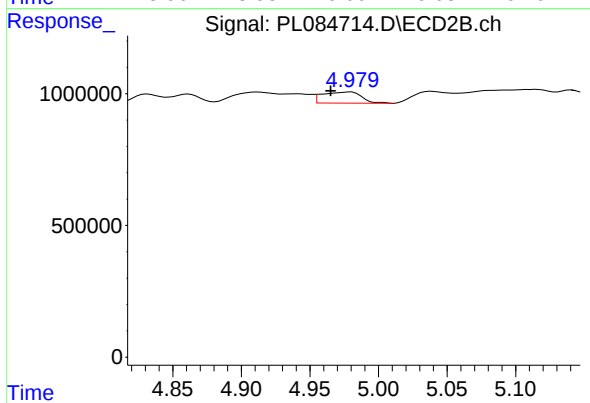
#25 Chlordane-3

R.T.: 4.912 min  
Delta R.T.: 0.010 min  
Response: 1399259  
Conc: 10.10 ng/ml



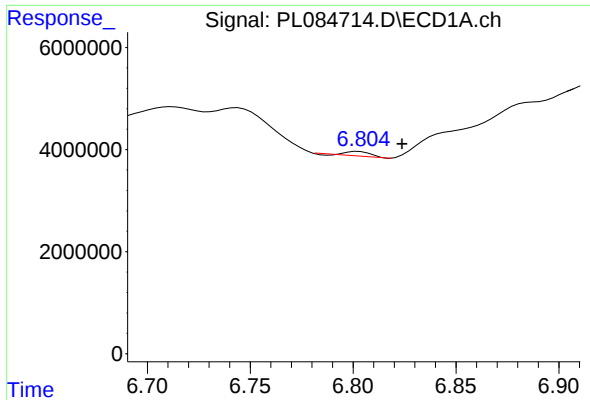
#26 Chlordane-4

R.T.: 6.003 min  
Delta R.T.: 0.030 min  
Response: 1115153  
Conc: 2.30 ng/ml



#26 Chlordane-4

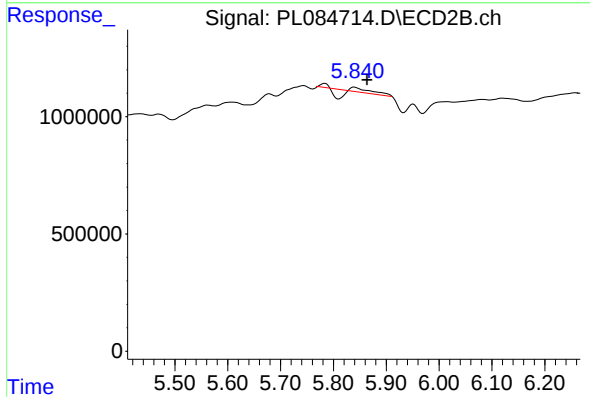
R.T.: 4.977 min  
Delta R.T.: 0.012 min  
Response: 842230  
Conc: 5.87 ng/ml



#27 Chlordane-5

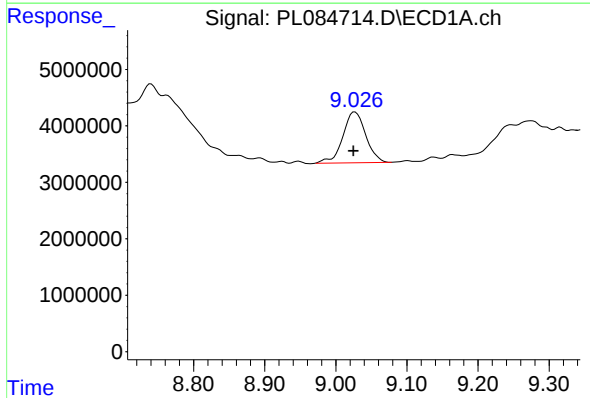
R.T.: 6.803 min  
Delta R.T.: -0.021 min  
Response: 641216  
Conc: 8.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



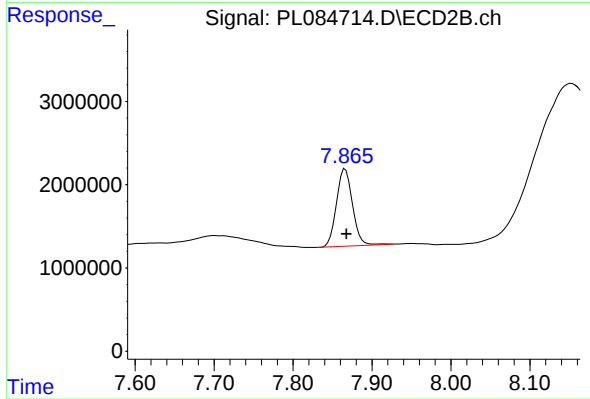
#27 Chlordane-5

R.T.: 5.841 min  
Delta R.T.: -0.023 min  
Response: 47518  
Conc: 0.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 2020024  
Conc: 12.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.001 min  
Response: 13129645  
Conc: 10.53 ng/ml