

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
 Data File : PL085433.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2023 16:08  
 Operator : AR\AJ  
 Sample : 04426-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 00:17:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091923.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 20 10:25:09 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... | 3.423  | 2.654  | 47562210 | 24505520 | 14.281 | 16.109   |
| 28)                         | SA Decachlor... | 8.956  | 7.833  | 83231308 | 45247391 | 24.453 | 23.112   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.848f | 0.000  | 9455121  | 0        | 1.919  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.209  | 3.467f | 10534003 | 32016506 | 2.155  | 13.899 # |
| 4)                          | MA Heptachlor   | 4.765f | 3.833  | 7772105  | 8133834  | 1.686  | 3.782 #  |
| 5)                          | MB Aldrin       | 5.127  | 4.113  | 15174553 | 6397581  | 3.135  | 2.735    |
| 6)                          | B beta-BHC      | 4.410  | 3.767f | -1345746 | 11728643 | N.D.   | 12.204   |
| 7)                          | B delta-BHC     | 4.661  | 3.992f | 4344702  | 1683590  | 0.911  | 0.729    |
| 8)                          | B Heptachlo...  | 5.571  | 4.611  | 1984078  | 10624548 | 0.462  | 5.139 #  |
| 9)                          | A Endosulfan I  | 5.964  | 4.960f | 8772097  | 2067446  | 2.128  | 2.340    |
| 10)                         | B gamma-Chl...  | 5.831  | 4.844f | 4378769  | 1572059  | 0.998  | 0.741 #  |
| 11)                         | B alpha-Chl...  | 5.883f | 4.933  | 9219748  | 2545234  | 2.097  | 1.169 #  |
| 12)                         | B 4,4'-DDE      | 6.088  | 5.125  | 18331    | 2206493  | 0.005  | 1.090 #  |
| 13)                         | MA Dieldrin     | 6.217  | 5.250  | 9987658  | 684684   | 2.302  | 0.313 #  |
| 14)                         | MA Endrin       | 6.465  | 5.504  | 11091922 | 2657069  | 3.091  | 1.418 #  |
| 15)                         | B Endosulfa...  | 6.669  | 5.806  | 6687310  | 3059338  | 1.690  | 1.560    |
| 16)                         | A 4,4'-DDD      | 6.608  | 5.681  | 379044   | 4304364  | 0.116  | 2.502 #  |
| 17)                         | MA 4,4'-DDT     | 6.911  | 5.945  | 1489734  | 1849421  | 0.415  | 1.015 #  |
| 18)                         | B Endrin al...  | 6.808  | 6.012  | 3088374  | 2273257  | 1.060  | 1.435 #  |
| 19)                         | B Endosulfa...  | 7.068f | 6.200f | 3245306  | 2741402  | 0.888  | 1.458 #  |
| 20)                         | A Methoxychlor  | 7.402  | 6.518  | 15331870 | 2075541  | 6.996  | 1.957 #  |
| 21)                         | B Endrin ke...  | 7.538  | 0.000  | 1154452  | 0        | 0.284  | N.D. #   |
| 23)                         | Chlordane-1     | 4.551f | 3.666f | 1912304  | 3987488  | 12.995 | 71.556 # |
| 24)                         | Chlordane-2     | 5.094  | 4.200f | 4503565  | 2305459  | 27.167 | 29.925   |
| 25)                         | Chlordane-3     | 5.831  | 4.844  | 4378769  | 1572059  | 6.904  | 7.601    |
| 26)                         | Chlordane-4     | 5.883f | 4.933  | 9219748  | 2545234  | 11.796 | 11.263   |
| 27)                         | Chlordane-5     | 6.766  | 0.000  | 246873   | 0        | 1.876  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

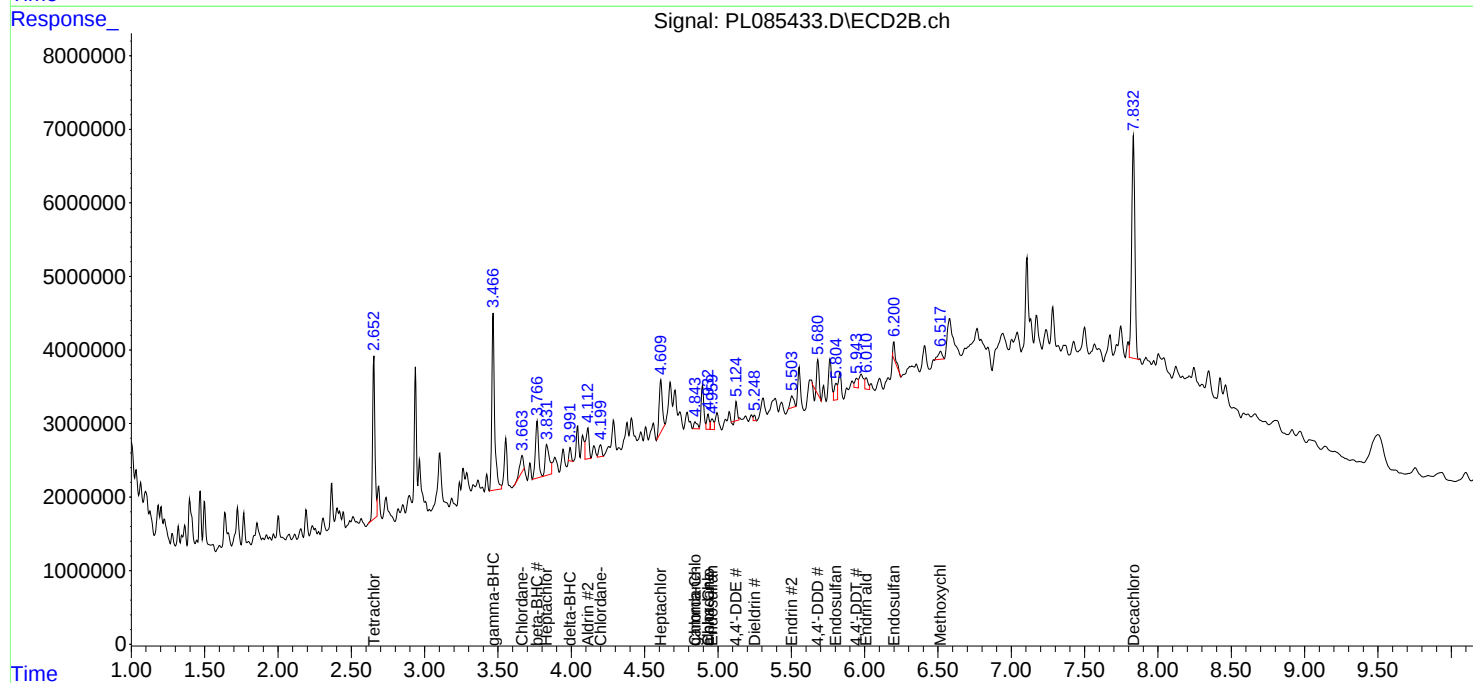
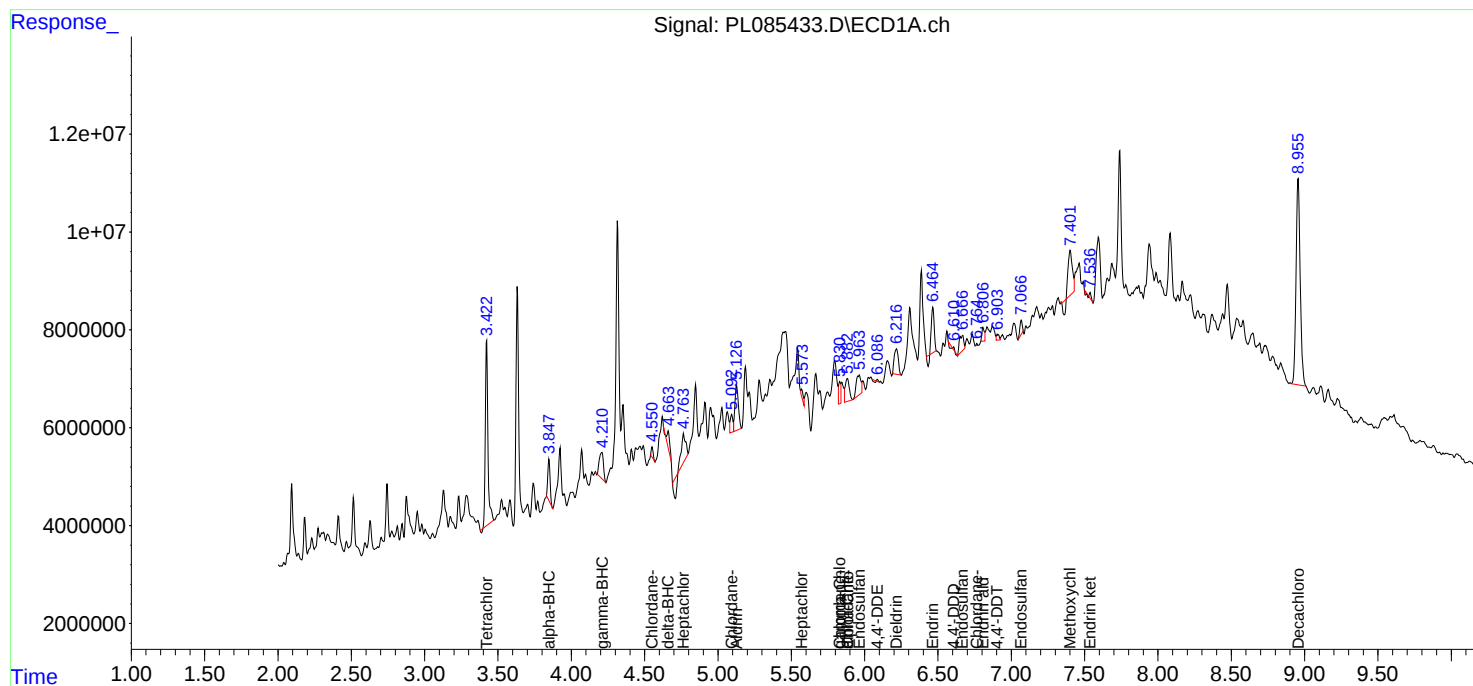
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

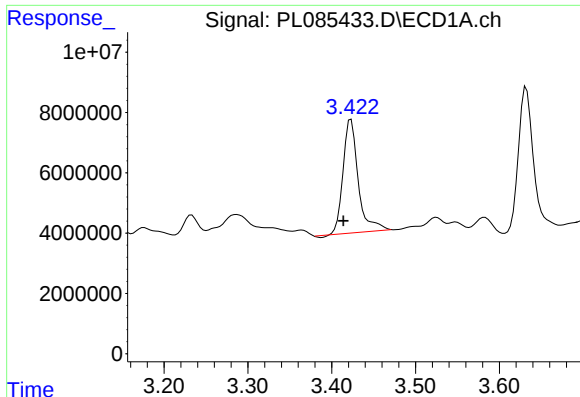
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092023\  
Data File : PL085433.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2023 16:08  
Operator : AR\AJ  
Sample : 04426-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 00:17:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091923.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 20 10:25:09 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

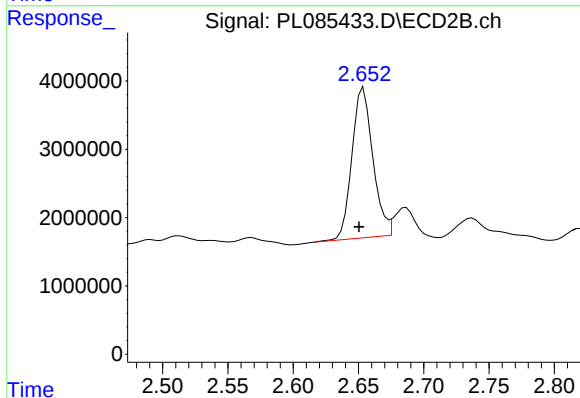




#1 Tetrachloro-m-xylene

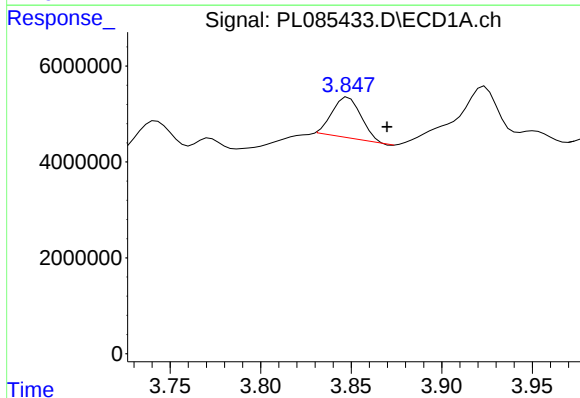
R.T.: 3.423 min  
Delta R.T.: 0.009 min  
Response: 47562210  
Conc: 14.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



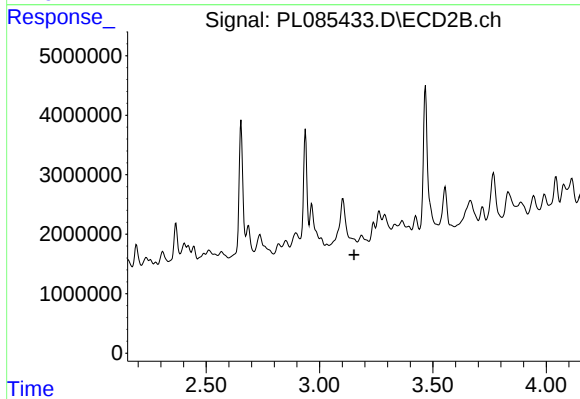
#1 Tetrachloro-m-xylene

R.T.: 2.654 min  
Delta R.T.: 0.003 min  
Response: 24505520  
Conc: 16.11 ng/ml



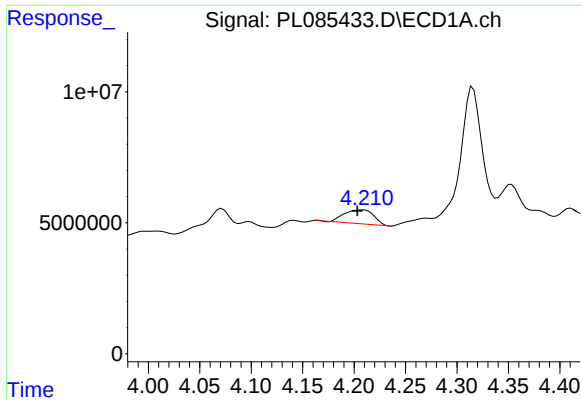
#2 alpha-BHC

R.T.: 3.848 min  
Delta R.T.: -0.021 min  
Response: 9455121  
Conc: 1.92 ng/ml



#2 alpha-BHC

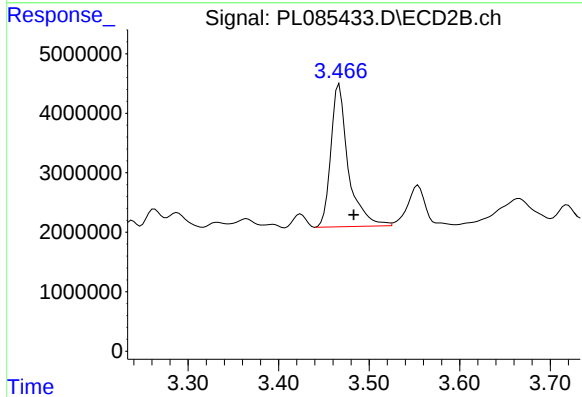
R.T.: 0.000 min  
Exp R.T. : 3.153 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

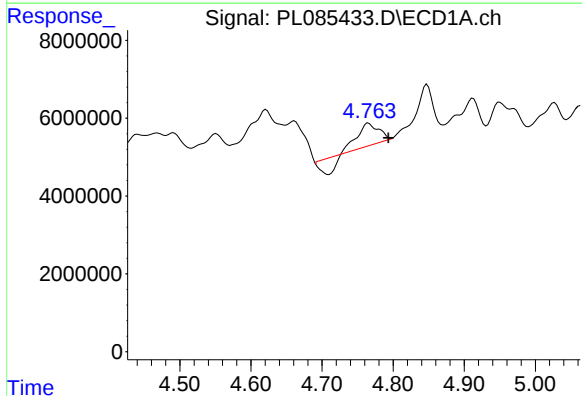
R.T.: 4.209 min  
Delta R.T.: 0.006 min  
Response: 10534003  
Conc: 2.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



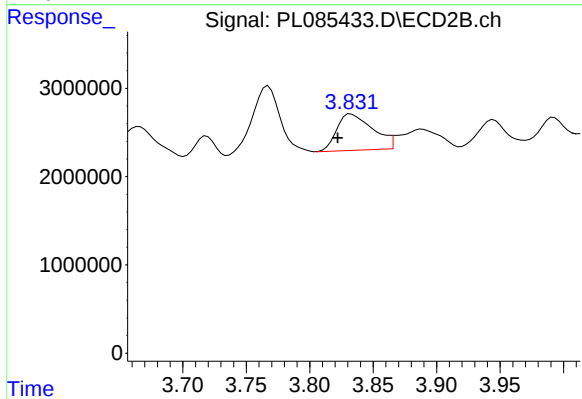
#3 gamma-BHC (Lindane)

R.T.: 3.467 min  
Delta R.T.: -0.016 min  
Response: 32016506  
Conc: 13.90 ng/ml



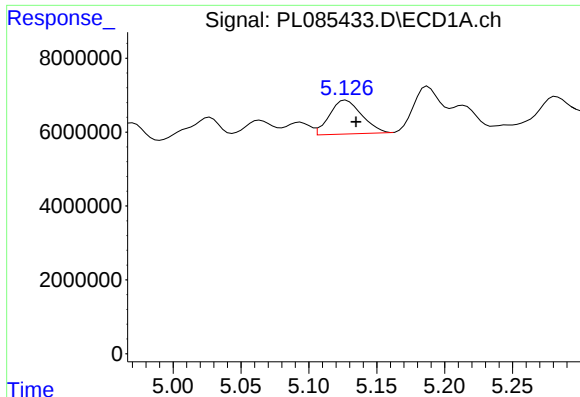
#4 Heptachlor

R.T.: 4.765 min  
Delta R.T.: -0.028 min  
Response: 7772105  
Conc: 1.69 ng/ml



#4 Heptachlor

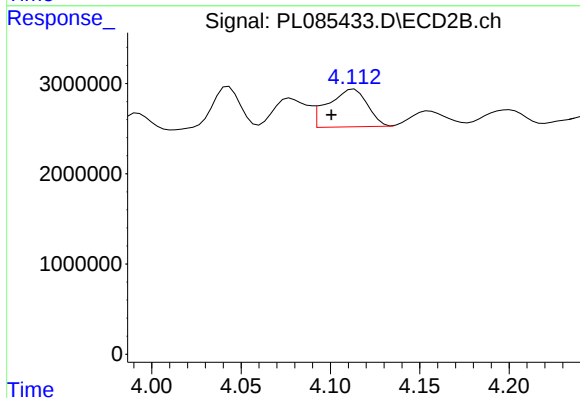
R.T.: 3.833 min  
Delta R.T.: 0.010 min  
Response: 8133834  
Conc: 3.78 ng/ml



#5 Aldrin

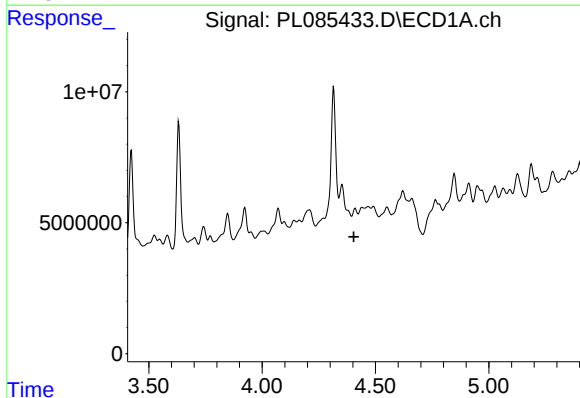
R.T.: 5.127 min  
Delta R.T.: -0.007 min  
Response: 15174553  
Conc: 3.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



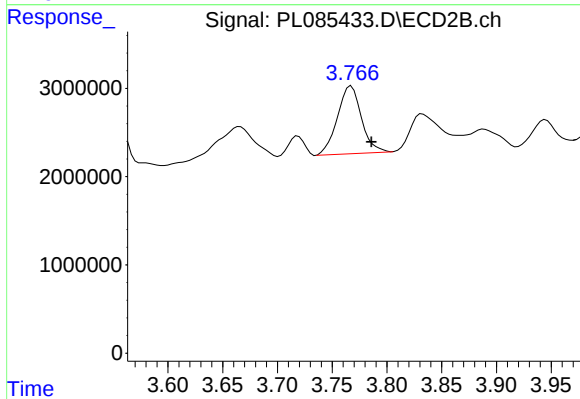
#5 Aldrin

R.T.: 4.113 min  
Delta R.T.: 0.013 min  
Response: 6397581  
Conc: 2.73 ng/ml



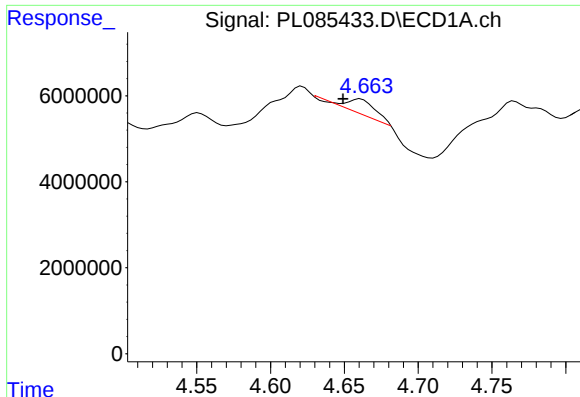
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.006 min  
Response: -1345746  
Conc: N.D.



#6 beta-BHC

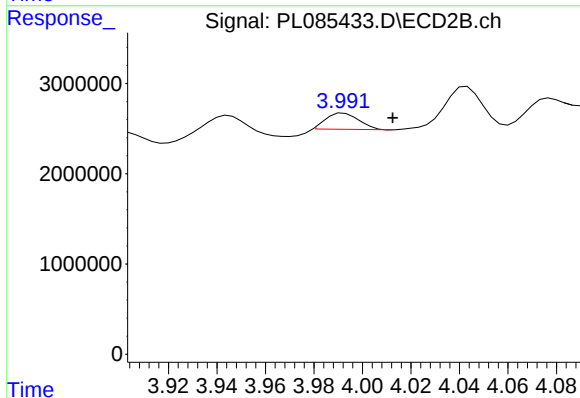
R.T.: 3.767 min  
Delta R.T.: -0.018 min  
Response: 11728643  
Conc: 12.20 ng/ml



#7 delta-BHC

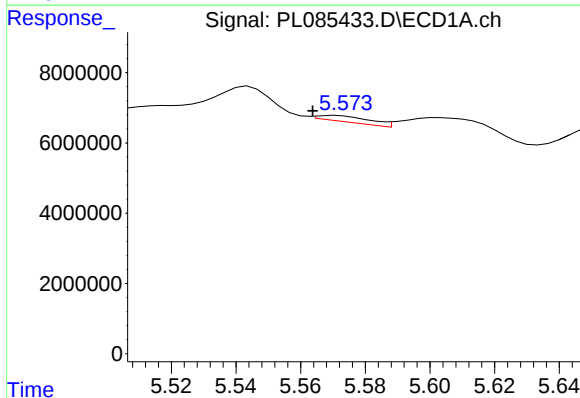
R.T.: 4.661 min  
Delta R.T.: 0.012 min  
Response: 4344702  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



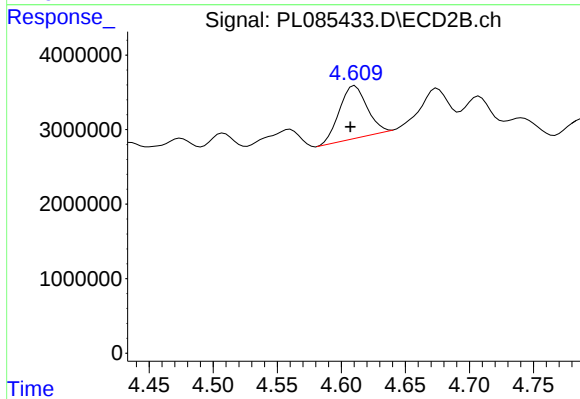
#7 delta-BHC

R.T.: 3.992 min  
Delta R.T.: -0.020 min  
Response: 1683590  
Conc: 0.73 ng/ml



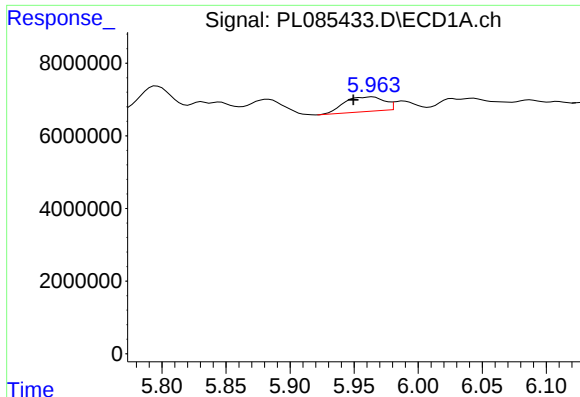
#8 Heptachlor epoxide

R.T.: 5.571 min  
Delta R.T.: 0.007 min  
Response: 1984078  
Conc: 0.46 ng/ml



#8 Heptachlor epoxide

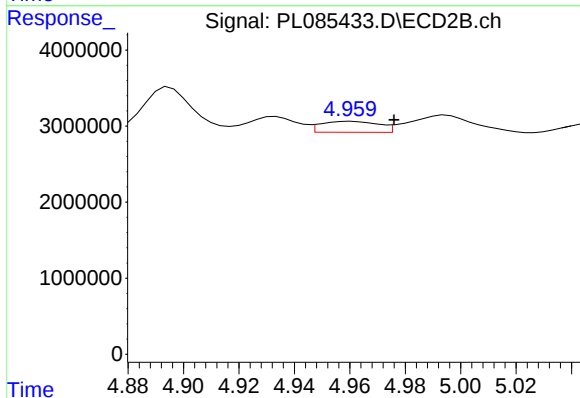
R.T.: 4.611 min  
Delta R.T.: 0.004 min  
Response: 10624548  
Conc: 5.14 ng/ml



#9 Endosulfan I

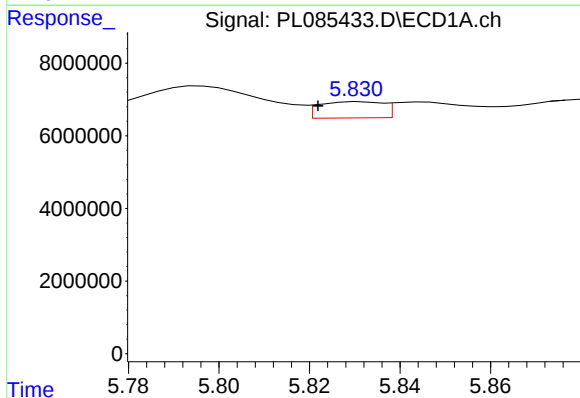
R.T.: 5.964 min  
Delta R.T.: 0.015 min  
Response: 8772097  
Conc: 2.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



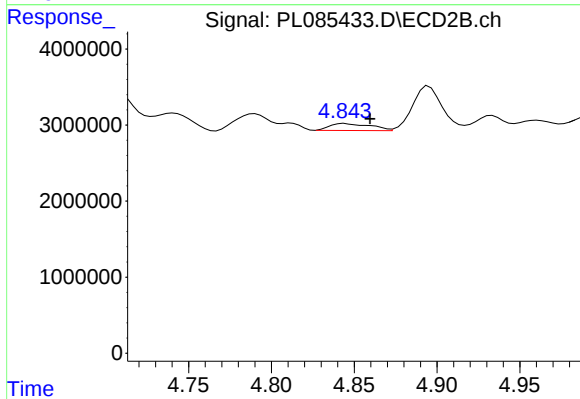
#9 Endosulfan I

R.T.: 4.960 min  
Delta R.T.: -0.016 min  
Response: 2067446  
Conc: 2.34 ng/ml



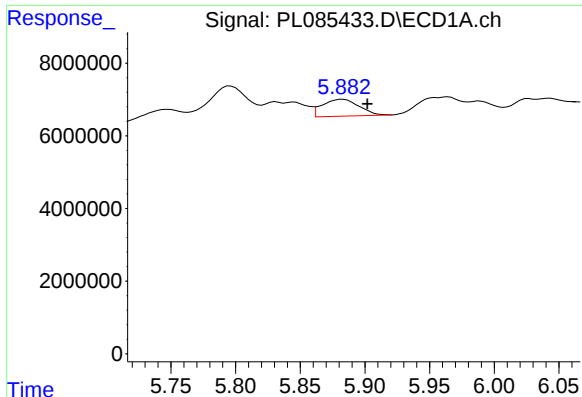
#10 gamma-Chlordane

R.T.: 5.831 min  
Delta R.T.: 0.009 min  
Response: 4378769  
Conc: 1.00 ng/ml



#10 gamma-Chlordane

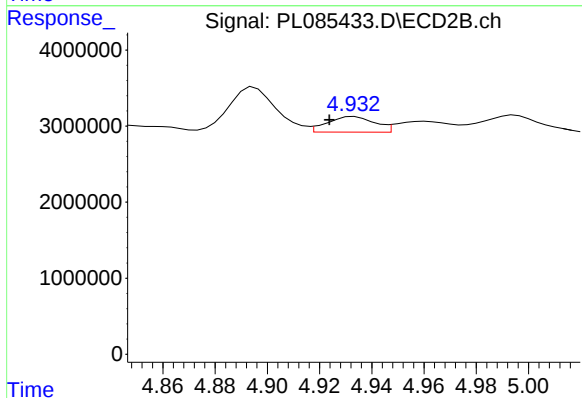
R.T.: 4.844 min  
Delta R.T.: -0.016 min  
Response: 1572059  
Conc: 0.74 ng/ml



#11 alpha-Chlordane

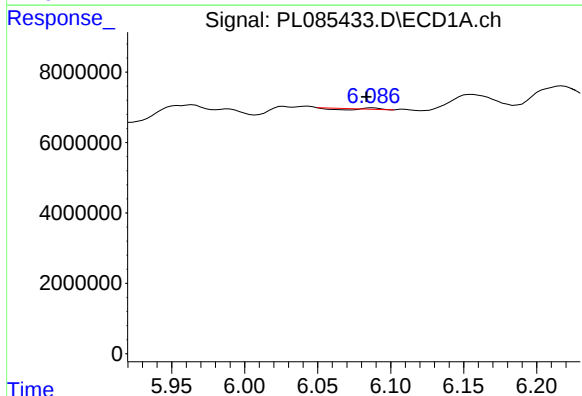
R.T.: 5.883 min  
Delta R.T.: -0.019 min  
Response: 9219748  
Conc: 2.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



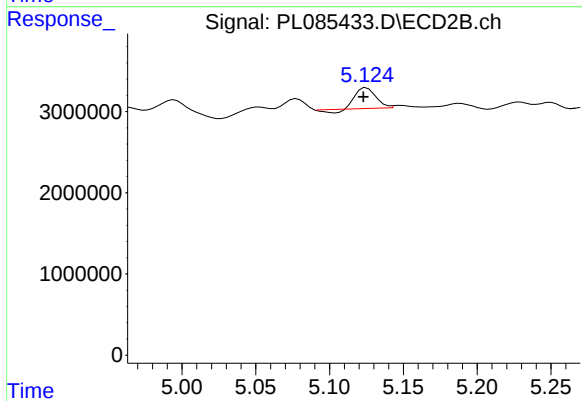
#11 alpha-Chlordane

R.T.: 4.933 min  
Delta R.T.: 0.010 min  
Response: 2545234  
Conc: 1.17 ng/ml



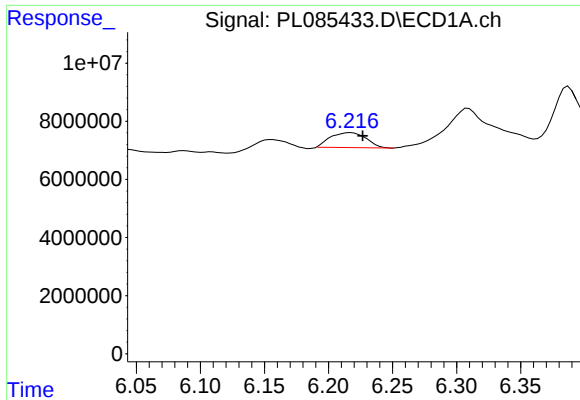
#12 4,4'-DDE

R.T.: 6.088 min  
Delta R.T.: 0.004 min  
Response: 18331  
Conc: 0.00 ng/ml



#12 4,4'-DDE

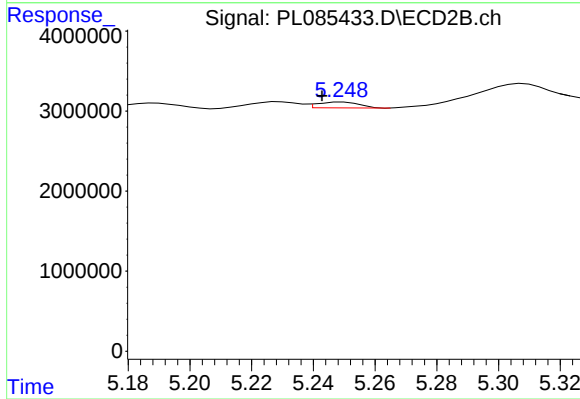
R.T.: 5.125 min  
Delta R.T.: 0.002 min  
Response: 2206493  
Conc: 1.09 ng/ml



#13 Dieldrin

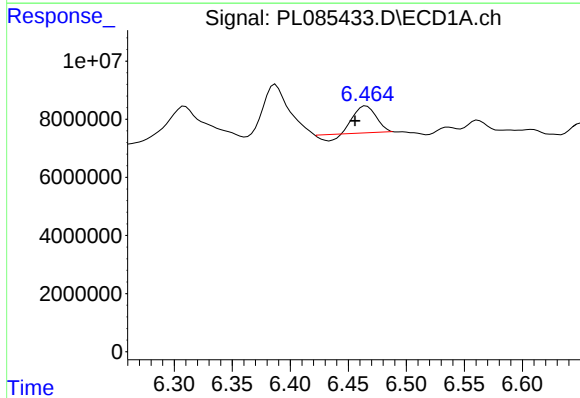
R.T.: 6.217 min  
Delta R.T.: -0.009 min  
Response: 9987658  
Conc: 2.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



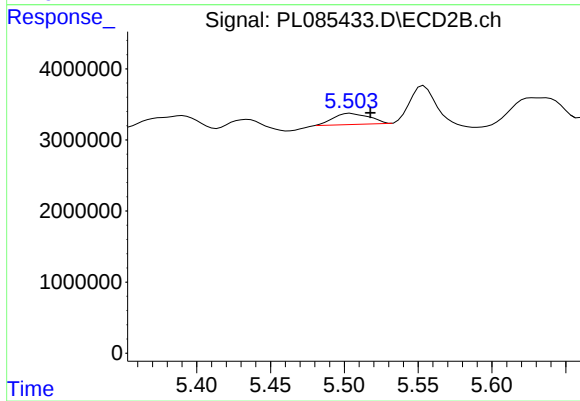
#13 Dieldrin

R.T.: 5.250 min  
Delta R.T.: 0.007 min  
Response: 684684  
Conc: 0.31 ng/ml



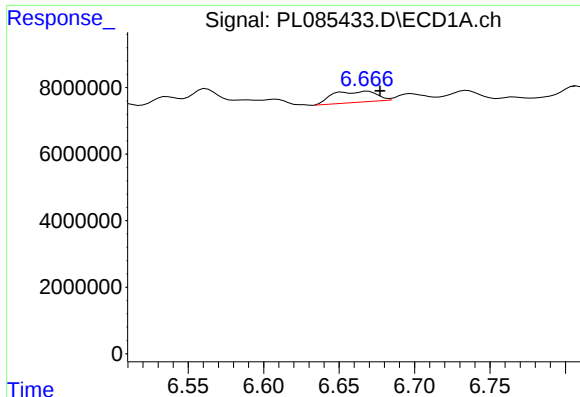
#14 Endrin

R.T.: 6.465 min  
Delta R.T.: 0.010 min  
Response: 11091922  
Conc: 3.09 ng/ml



#14 Endrin

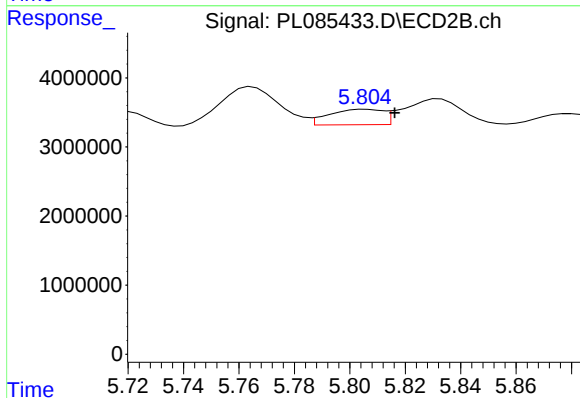
R.T.: 5.504 min  
Delta R.T.: -0.013 min  
Response: 2657069  
Conc: 1.42 ng/ml



#15 Endosulfan II

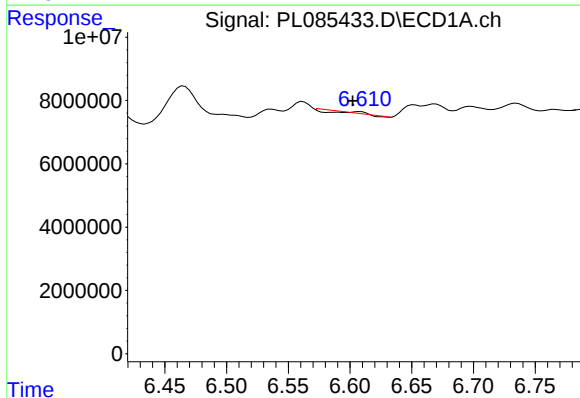
R.T.: 6.669 min  
Delta R.T.: -0.008 min  
Response: 6687310  
Conc: 1.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



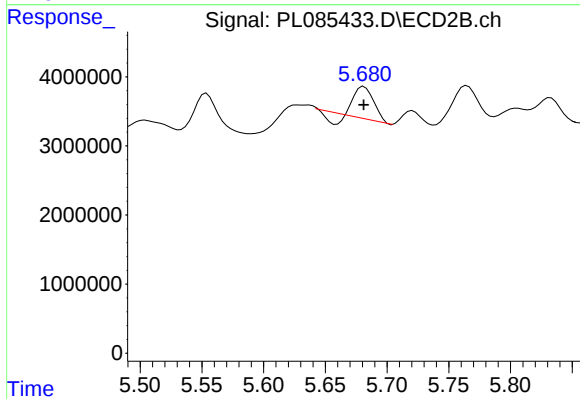
#15 Endosulfan II

R.T.: 5.806 min  
Delta R.T.: -0.010 min  
Response: 3059338  
Conc: 1.56 ng/ml



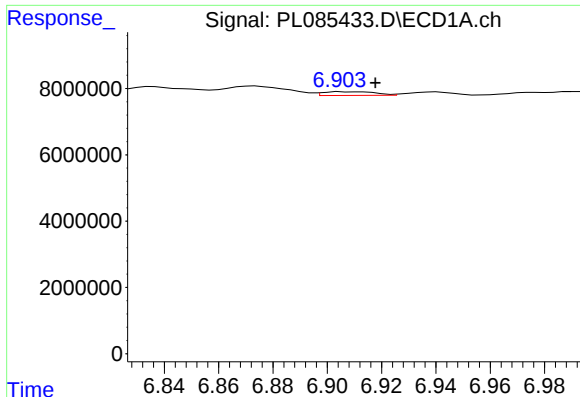
#16 4,4'-DDD

R.T.: 6.608 min  
Delta R.T.: 0.006 min  
Response: 379044  
Conc: 0.12 ng/ml



#16 4,4'-DDD

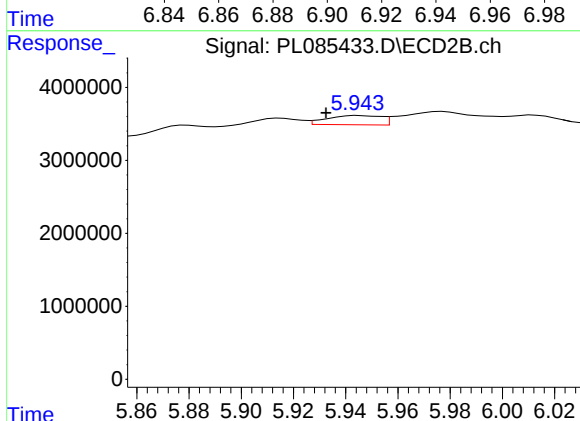
R.T.: 5.681 min  
Delta R.T.: 0.000 min  
Response: 4304364  
Conc: 2.50 ng/ml



#17 4,4'-DDT

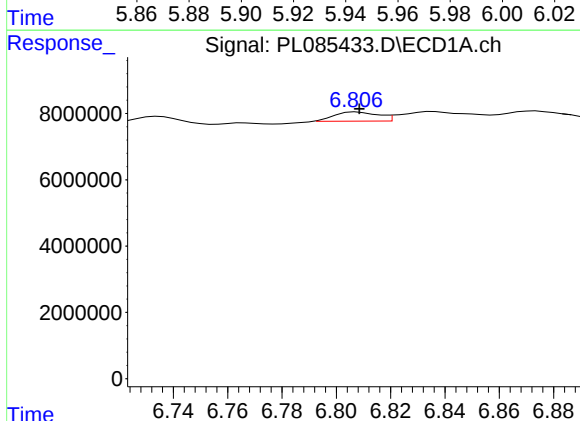
R.T.: 6.911 min  
Delta R.T.: -0.006 min  
Response: 1489734  
Conc: 0.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



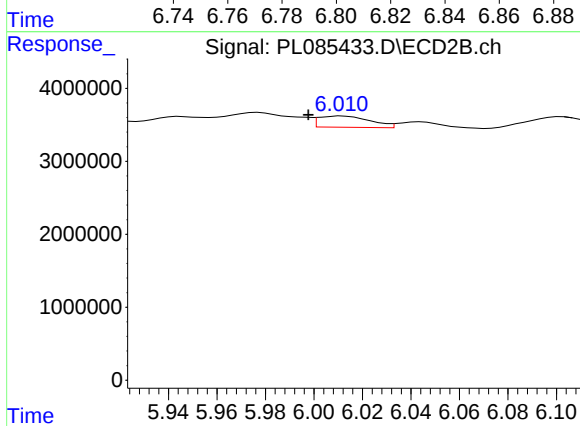
#17 4,4'-DDT

R.T.: 5.945 min  
Delta R.T.: 0.013 min  
Response: 1849421  
Conc: 1.02 ng/ml



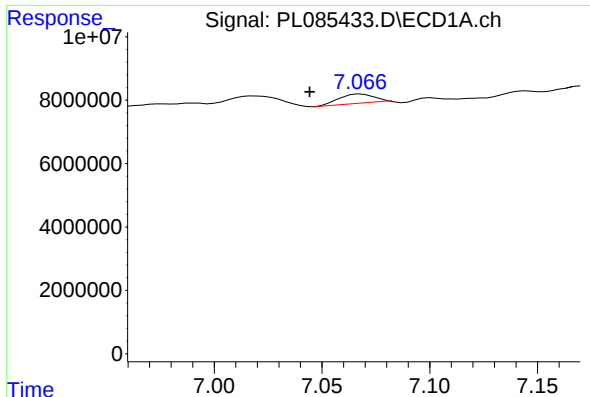
#18 Endrin aldehyde

R.T.: 6.808 min  
Delta R.T.: 0.000 min  
Response: 3088374  
Conc: 1.06 ng/ml



#18 Endrin aldehyde

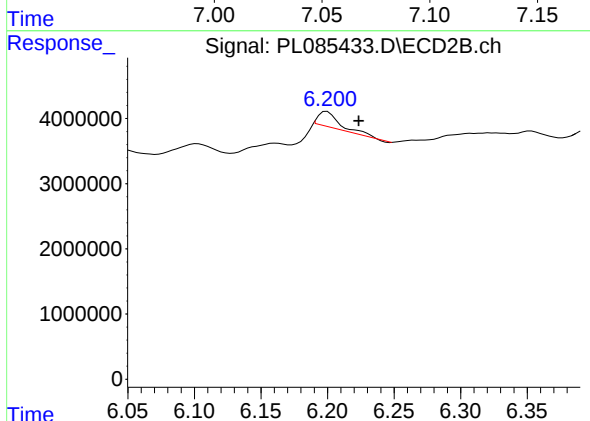
R.T.: 6.012 min  
Delta R.T.: 0.014 min  
Response: 2273257  
Conc: 1.43 ng/ml



#19 Endosulfan Sulfate

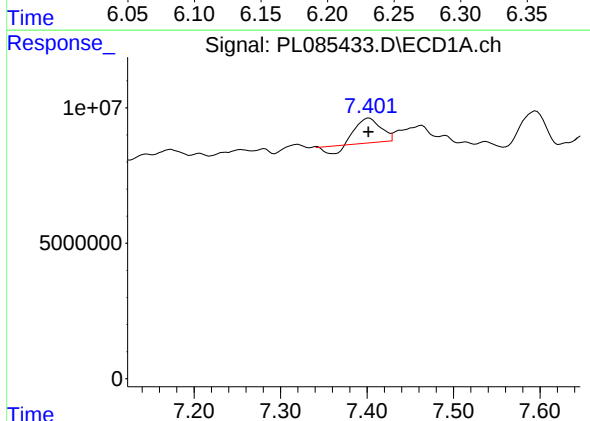
R.T.: 7.068 min  
Delta R.T.: 0.024 min  
Response: 3245306  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



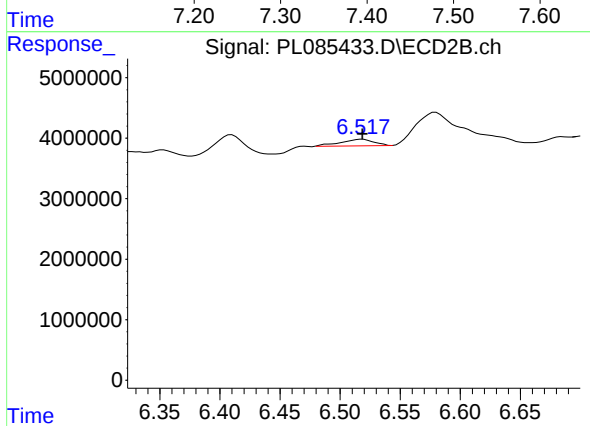
#19 Endosulfan Sulfate

R.T.: 6.200 min  
Delta R.T.: -0.024 min  
Response: 2741402  
Conc: 1.46 ng/ml



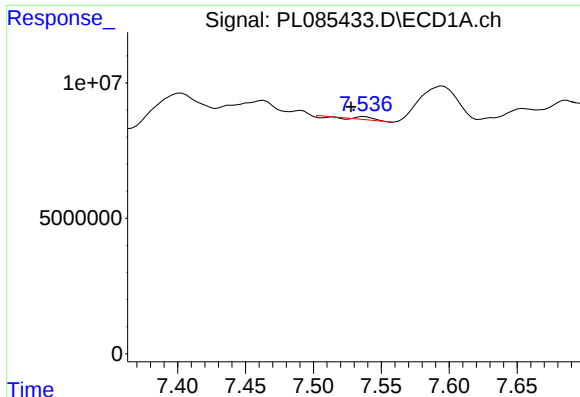
#20 Methoxychlor

R.T.: 7.402 min  
Delta R.T.: 0.000 min  
Response: 15331870  
Conc: 7.00 ng/ml



#20 Methoxychlor

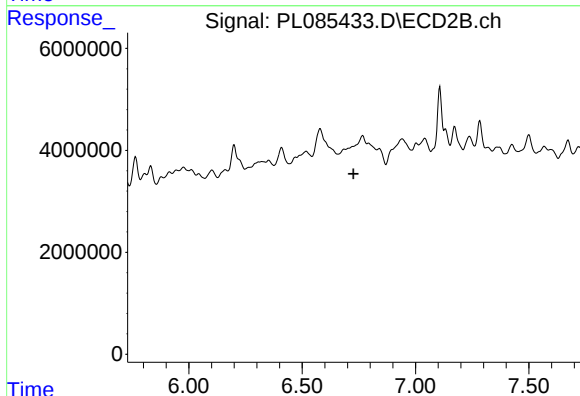
R.T.: 6.518 min  
Delta R.T.: 0.000 min  
Response: 2075541  
Conc: 1.96 ng/ml



#21 Endrin ketone

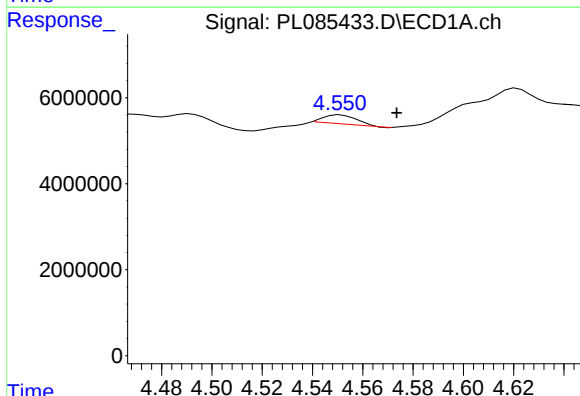
R.T.: 7.538 min  
Delta R.T.: 0.010 min  
Response: 1154452  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



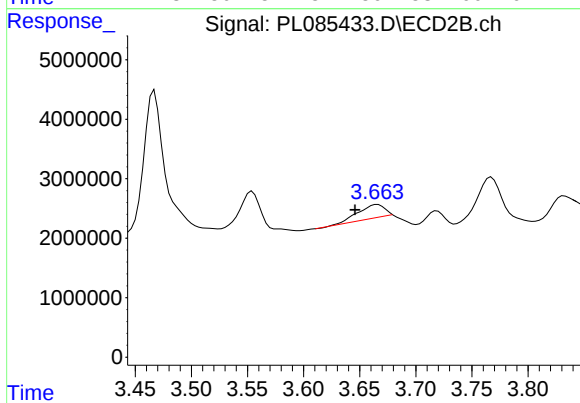
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.727 min  
Response: 0  
Conc: N.D.



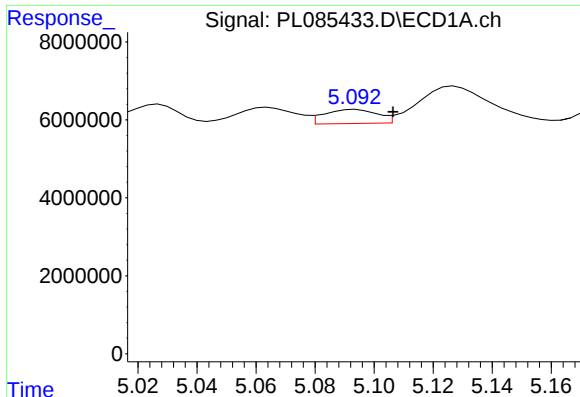
#23 Chlordane-1

R.T.: 4.551 min  
Delta R.T.: -0.022 min  
Response: 1912304  
Conc: 13.00 ng/ml



#23 Chlordane-1

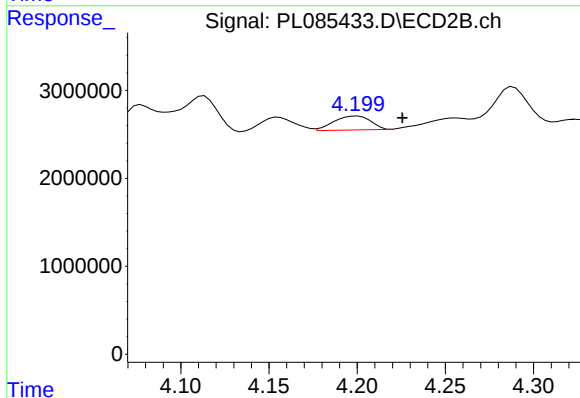
R.T.: 3.666 min  
Delta R.T.: 0.020 min  
Response: 3987488  
Conc: 71.56 ng/ml



#24 Chlordane-2

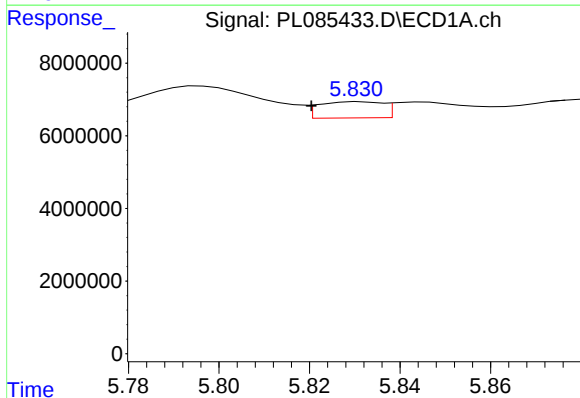
R.T.: 5.094 min  
Delta R.T.: -0.013 min  
Response: 4503565  
Conc: 27.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



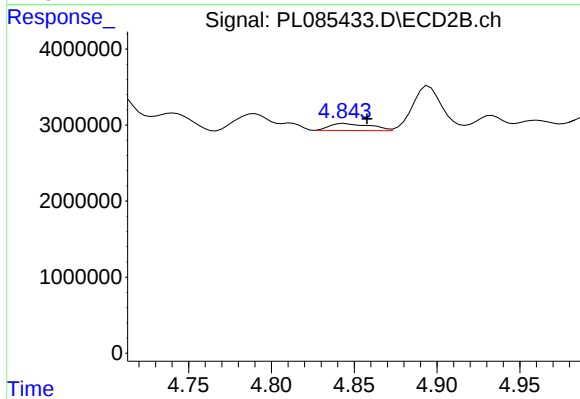
#24 Chlordane-2

R.T.: 4.200 min  
Delta R.T.: -0.026 min  
Response: 2305459  
Conc: 29.92 ng/ml



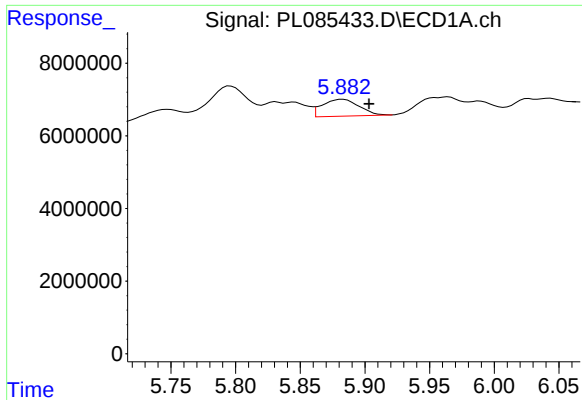
#25 Chlordane-3

R.T.: 5.831 min  
Delta R.T.: 0.011 min  
Response: 4378769  
Conc: 6.90 ng/ml



#25 Chlordane-3

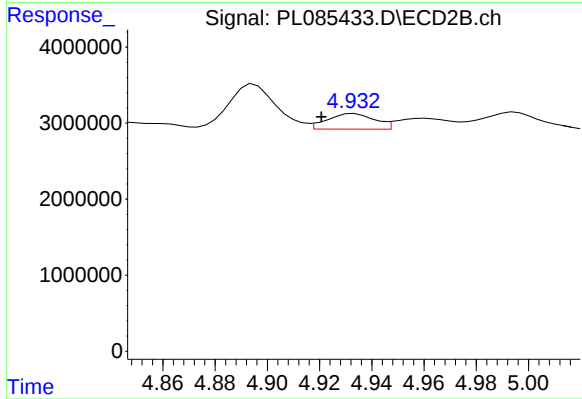
R.T.: 4.844 min  
Delta R.T.: -0.014 min  
Response: 1572059  
Conc: 7.60 ng/ml



#26 Chlordane-4

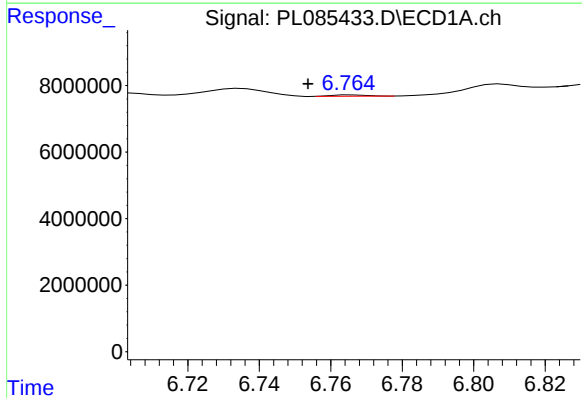
R.T.: 5.883 min  
Delta R.T.: -0.020 min  
Response: 9219748  
Conc: 11.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



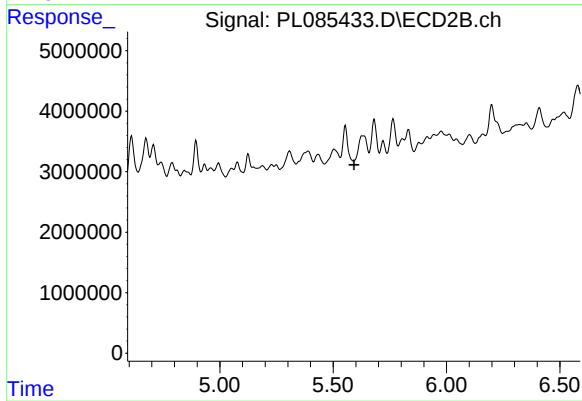
#26 Chlordane-4

R.T.: 4.933 min  
Delta R.T.: 0.013 min  
Response: 2545234  
Conc: 11.26 ng/ml



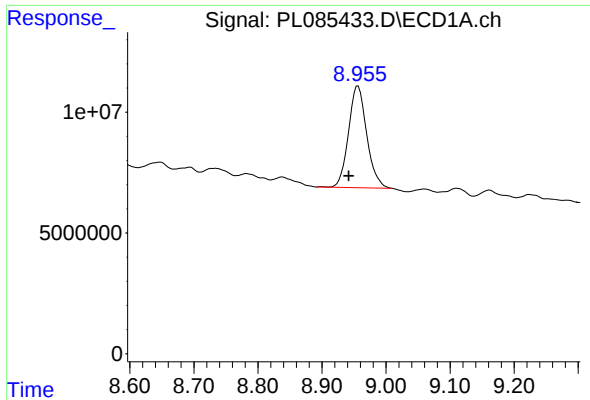
#27 Chlordane-5

R.T.: 6.766 min  
Delta R.T.: 0.012 min  
Response: 246873  
Conc: 1.88 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.593 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

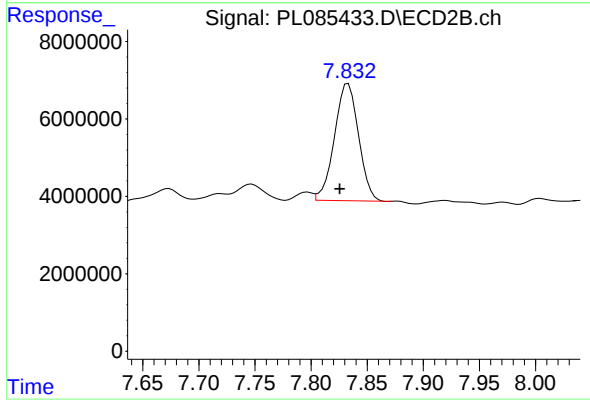
R.T.: 8.956 min

Delta R.T.: 0.015 min

Response: 83231308

Conc: 24.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.833 min

Delta R.T.: 0.008 min

Response: 45247391

Conc: 23.11 ng/ml