

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
 Data File : PL085998.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2023 15:04  
 Operator : AR\AJ  
 Sample : 04872-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 18 16:52:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.361  | 2.622  | 47909176 | 20786395 | 16.108  | 22.253 # |
| 28)                         | SA Decachlor... | 8.862  | 7.775  | 50527309 | 20241886 | 23.198  | 21.931   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.785f | 3.122  | 12623710 | -46189   | 2.941   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.141  | 3.429f | 13152664 | 7234042  | 3.182   | 5.865 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.790  | 0        | 5014614  | N.D.    | 4.312 #  |
| 5)                          | MB Aldrin       | 5.058  | 4.038f | 6548238  | 6799058  | 1.689   | 6.080 #  |
| 6)                          | B beta-BHC      | 4.342  | 3.727f | 1162866  | 8257271  | 0.703   | 15.861 # |
| 7)                          | B delta-BHC     | 4.593  | 3.951f | 26798626 | 1007313  | 6.989   | 0.877 #  |
| 8)                          | B Heptachlo...  | 5.472f | 4.564  | 2454924  | 3245393  | 0.712   | 3.231 #  |
| 9)                          | A Endosulfan I  | 5.885  | 4.952f | 11531645 | 1631251  | 3.566   | 1.521 #  |
| 10)                         | B gamma-Chl...  | 5.774  | 4.814  | 8115650  | 323230   | 2.372   | 0.326 #  |
| 11)                         | B alpha-Chl...  | 5.816f | 4.885  | 14792496 | 1137463  | 4.328   | 1.043 #  |
| 12)                         | B 4,4'-DDE      | 6.009  | 5.078  | 5162279  | 1201964  | 1.846   | 1.464    |
| 13)                         | MA Dieldrin     | 6.140f | 5.195  | 10426967 | 325939   | 3.173   | 0.336 #  |
| 14)                         | MA Endrin       | 6.396  | 5.458f | 4835608  | 890030   | 1.697   | 0.990 #  |
| 15)                         | B Endosulfa...  | 6.596f | 5.782  | 6506649  | 1737629  | 2.361   | 1.827    |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.631  | 0        | 190433   | N.D.    | 0.274 #  |
| 17)                         | MA 4,4'-DDT     | 6.830f | 5.864f | 3134207  | 1661774  | 1.330   | 2.102 #  |
| 18)                         | B Endrin al...  | 6.737  | 5.960  | 5573565  | 1303041  | 2.750   | 1.747 #  |
| 19)                         | B Endosulfa...  | 6.992  | 0.000  | 1144081  | 0        | 0.456   | N.D. #   |
| 20)                         | A Methoxychlor  | 7.333  | 6.466  | 18640019 | 693771   | 13.347  | 1.319 #  |
| 21)                         | B Endrin ke...  | 7.437f | 6.667  | 20339115 | 1096889  | 7.062   | 0.954 #  |
| 22)                         | Mirex           | 7.950f | 6.885f | 456114   | 4232560  | 0.206   | 4.488 #  |
| 23)                         | Chlordane-1     | 4.556f | 3.631f | 22892857 | 6705803  | 190.434 | 205.707  |
| 24)                         | Chlordane-2     | 5.058  | 4.204  | 6548238  | 266173   | 50.354  | 6.840 #  |
| 25)                         | Chlordane-3     | 5.774  | 4.814  | 8115650  | 323230   | 15.907  | 3.199 #  |
| 26)                         | Chlordane-4     | 5.816f | 4.885  | 14792496 | 1137463  | 23.316  | 9.824 #  |
| -----                       |                 |        |        |          |          |         |          |

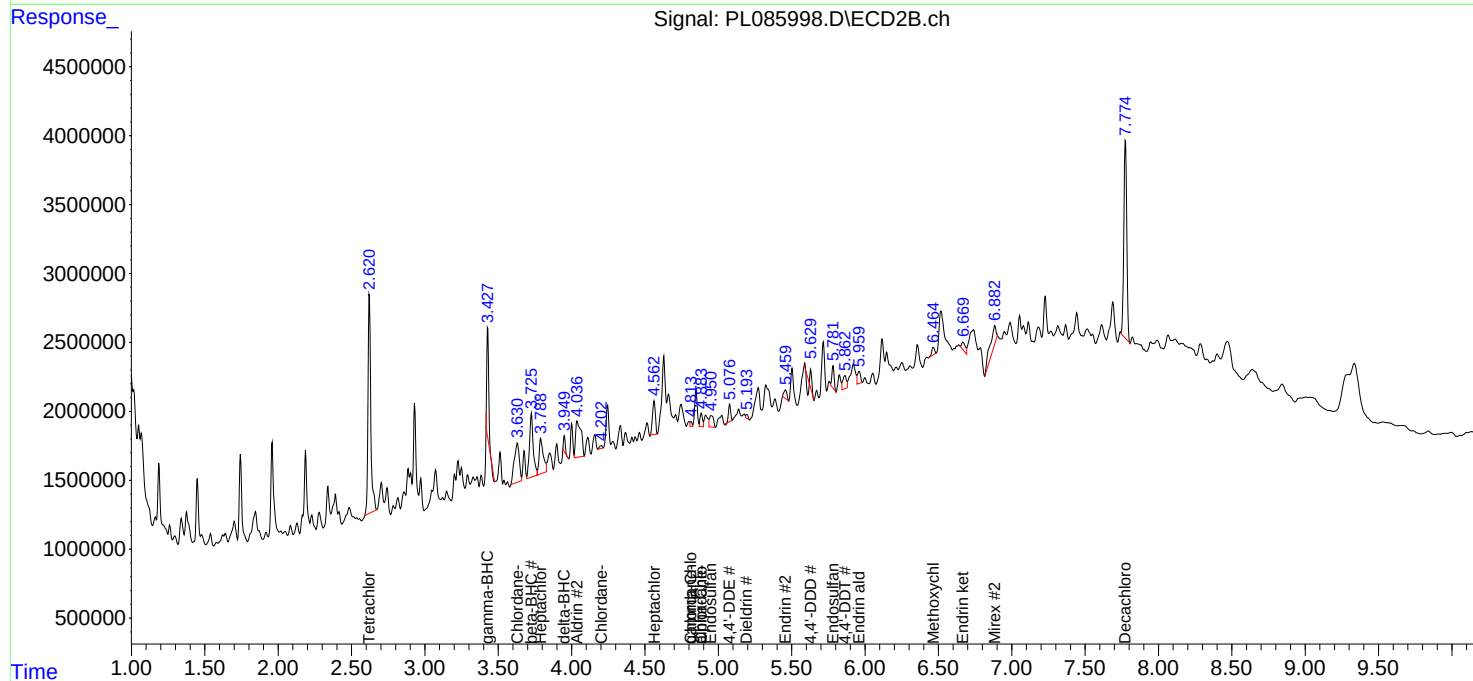
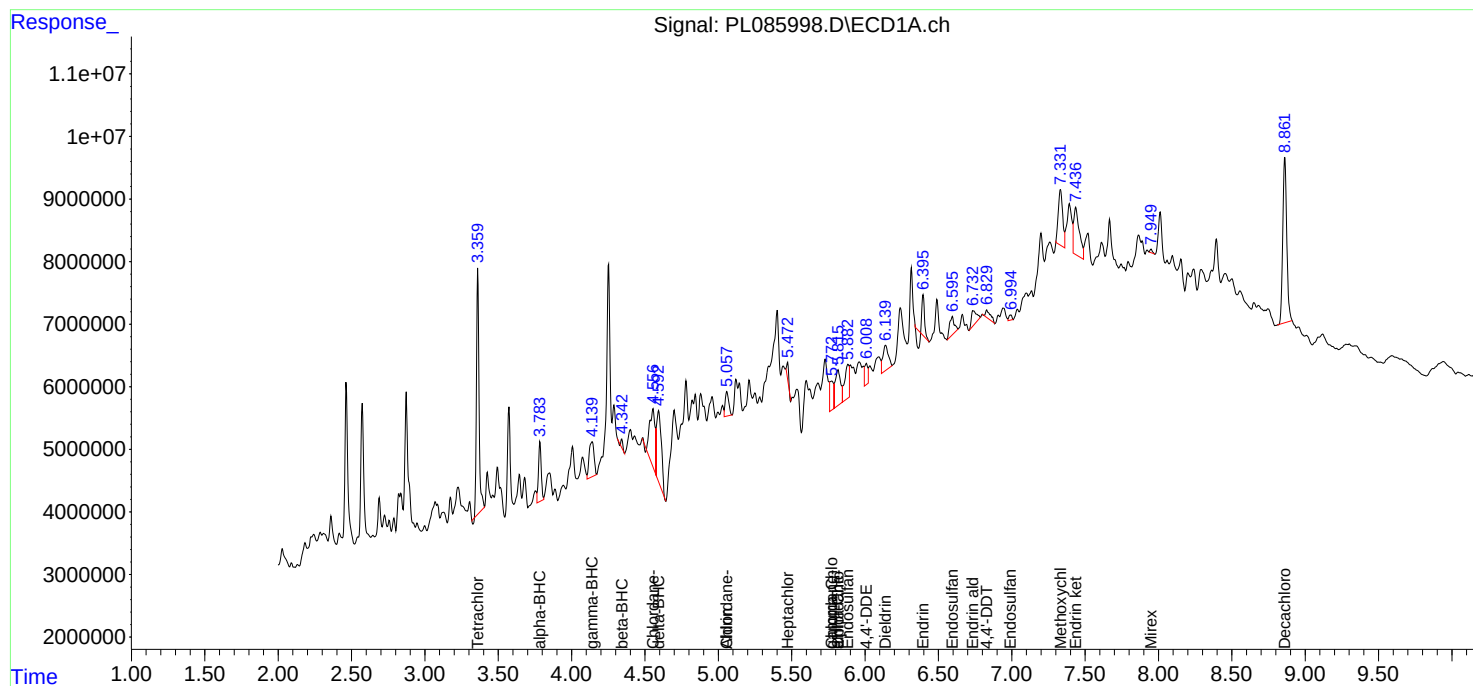
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

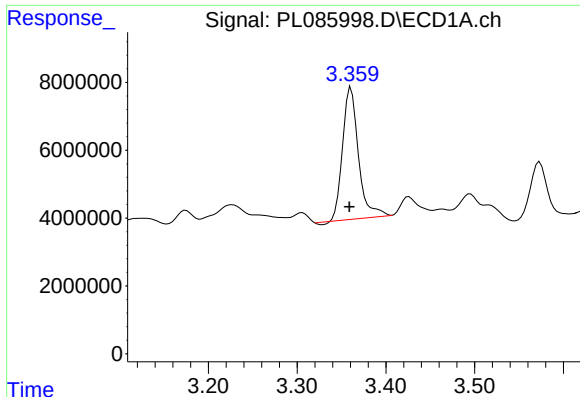
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101823\  
Data File : PL085998.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2023 15:04  
Operator : AR\AJ  
Sample : 04872-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 16:52:37 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 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

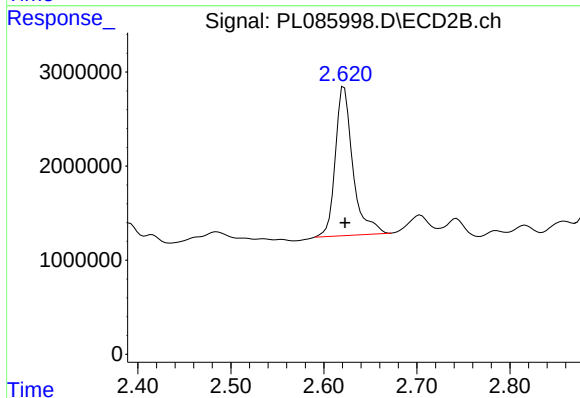




#1 Tetrachloro-m-xylene

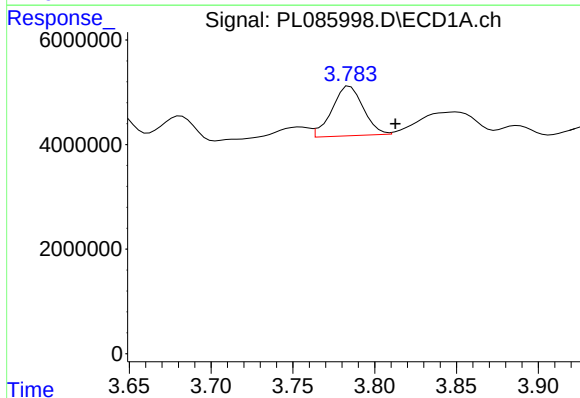
R.T.: 3.361 min  
Delta R.T.: 0.002 min  
Response: 47909176  
Conc: 16.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



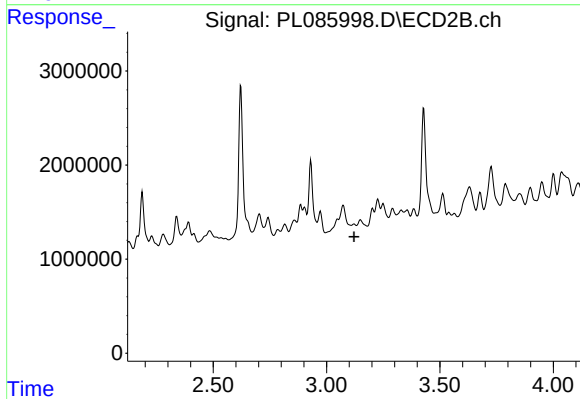
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 20786395  
Conc: 22.25 ng/ml



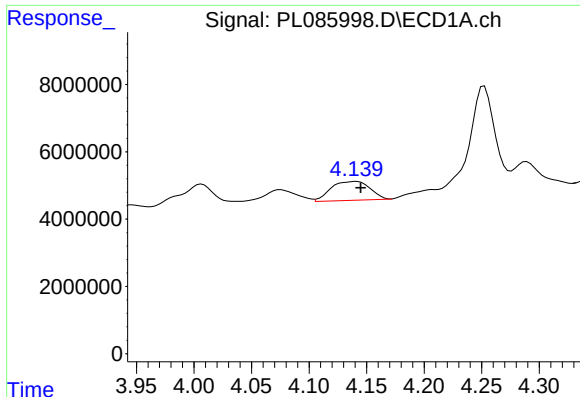
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: -0.028 min  
Response: 12623710  
Conc: 2.94 ng/ml



#2 alpha-BHC

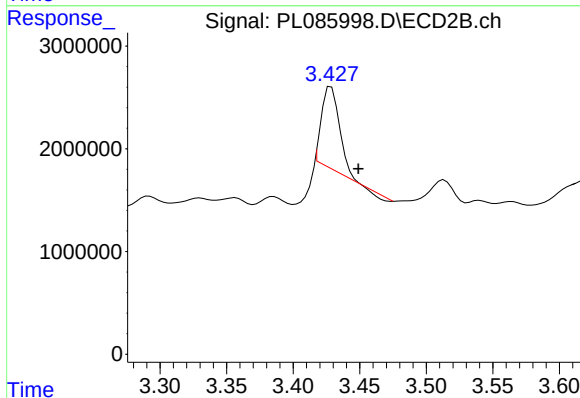
R.T.: 3.122 min  
Delta R.T.: 0.000 min  
Response: -46189  
Conc: N.D.



#3 gamma-BHC (Lindane)

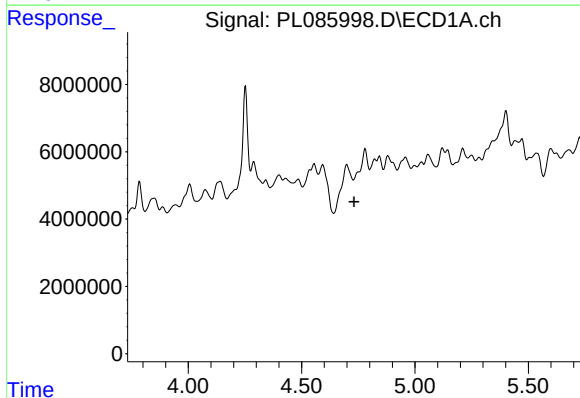
R.T.: 4.141 min  
Delta R.T.: -0.004 min  
Response: 13152664  
Conc: 3.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



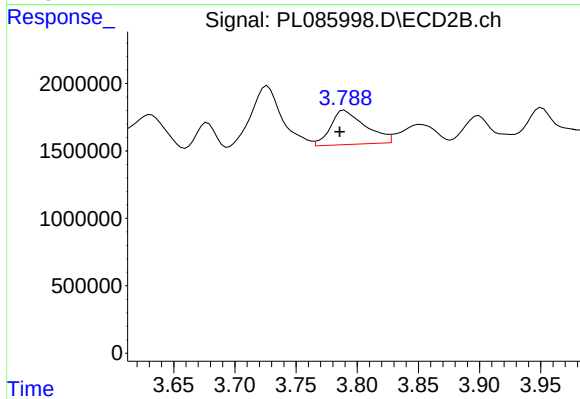
#3 gamma-BHC (Lindane)

R.T.: 3.429 min  
Delta R.T.: -0.021 min  
Response: 7234042  
Conc: 5.87 ng/ml



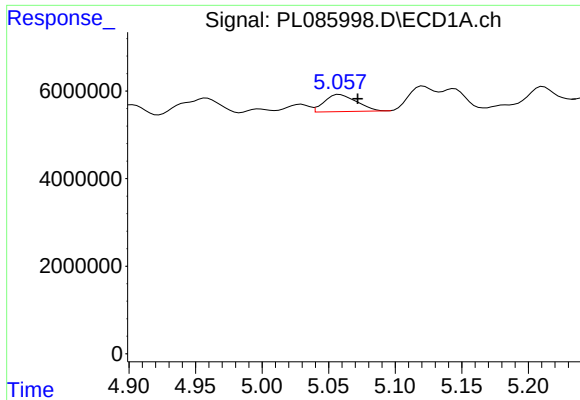
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.731 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

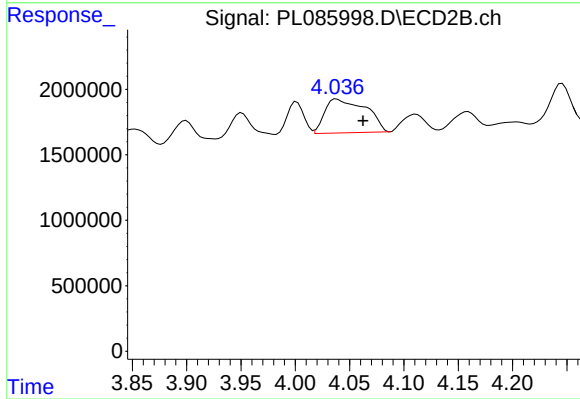
R.T.: 3.790 min  
Delta R.T.: 0.004 min  
Response: 5014614  
Conc: 4.31 ng/ml



#5 Aldrin

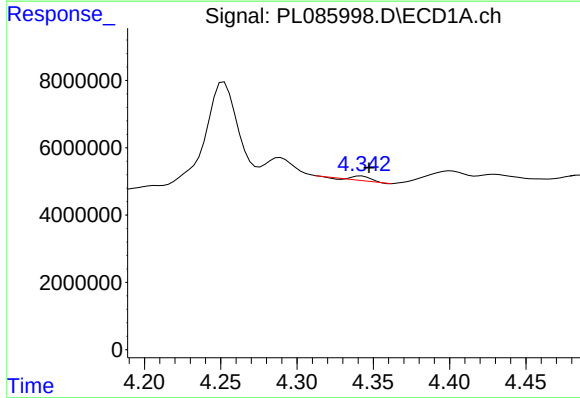
R.T.: 5.058 min  
Delta R.T.: -0.013 min  
Response: 6548238  
Conc: 1.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



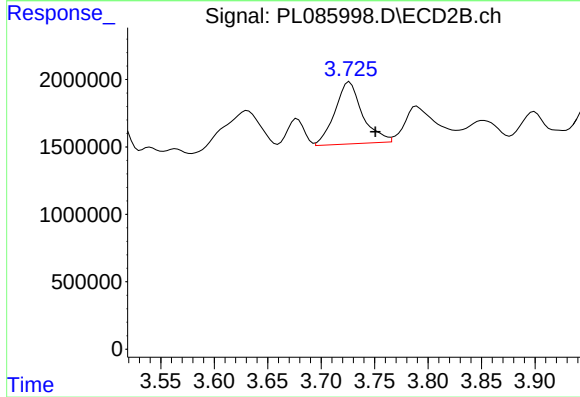
#5 Aldrin

R.T.: 4.038 min  
Delta R.T.: -0.024 min  
Response: 6799058  
Conc: 6.08 ng/ml



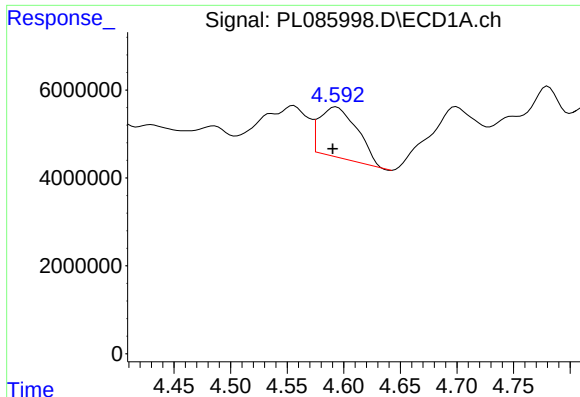
#6 beta-BHC

R.T.: 4.342 min  
Delta R.T.: -0.005 min  
Response: 1162866  
Conc: 0.70 ng/ml



#6 beta-BHC

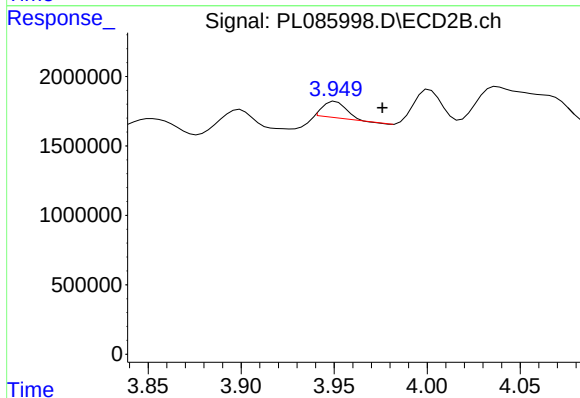
R.T.: 3.727 min  
Delta R.T.: -0.024 min  
Response: 8257271  
Conc: 15.86 ng/ml



#7 delta-BHC

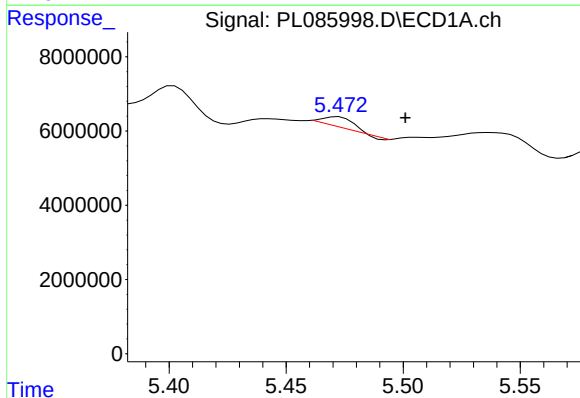
R.T.: 4.593 min  
Delta R.T.: 0.003 min  
Response: 26798626  
Conc: 6.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



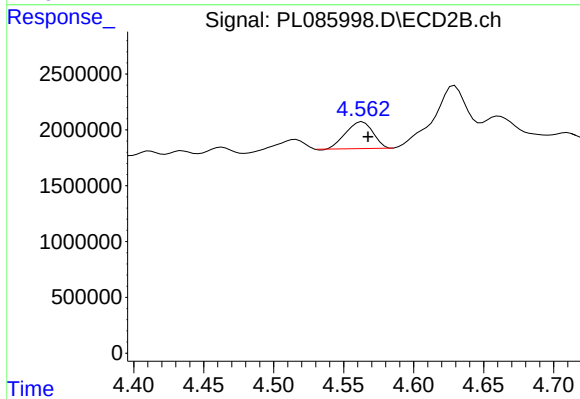
#7 delta-BHC

R.T.: 3.951 min  
Delta R.T.: -0.025 min  
Response: 1007313  
Conc: 0.88 ng/ml



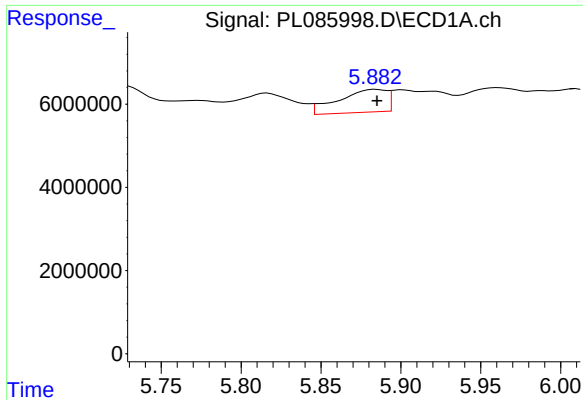
#8 Heptachlor epoxide

R.T.: 5.472 min  
Delta R.T.: -0.029 min  
Response: 2454924  
Conc: 0.71 ng/ml



#8 Heptachlor epoxide

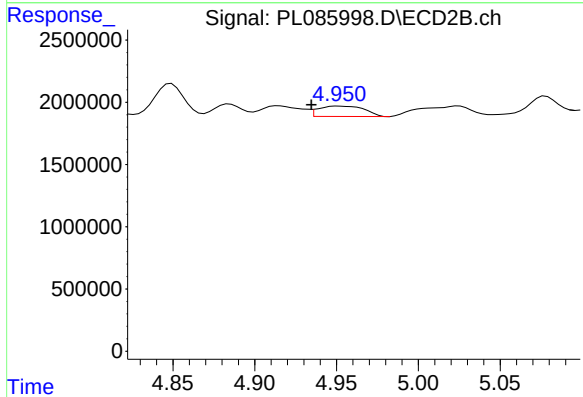
R.T.: 4.564 min  
Delta R.T.: -0.004 min  
Response: 3245393  
Conc: 3.23 ng/ml



#9 Endosulfan I

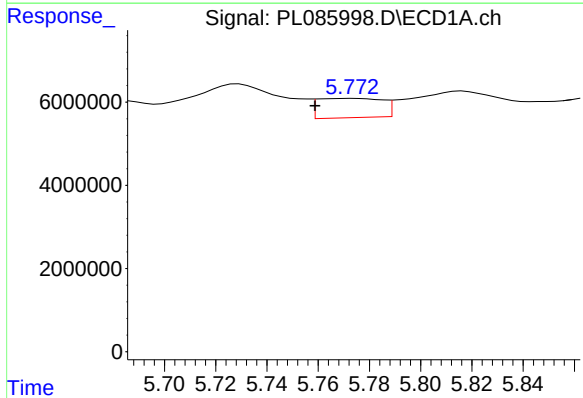
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 11531645  
Conc: 3.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



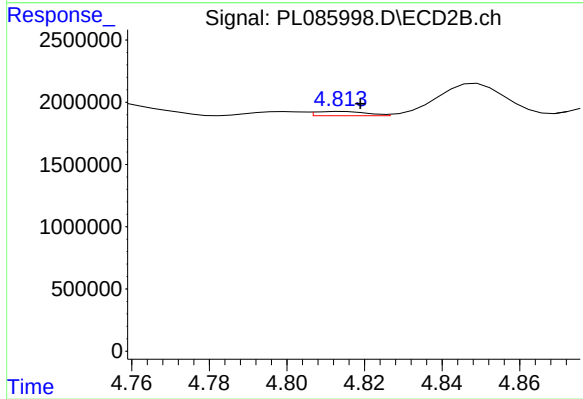
#9 Endosulfan I

R.T.: 4.952 min  
Delta R.T.: 0.017 min  
Response: 1631251  
Conc: 1.52 ng/ml



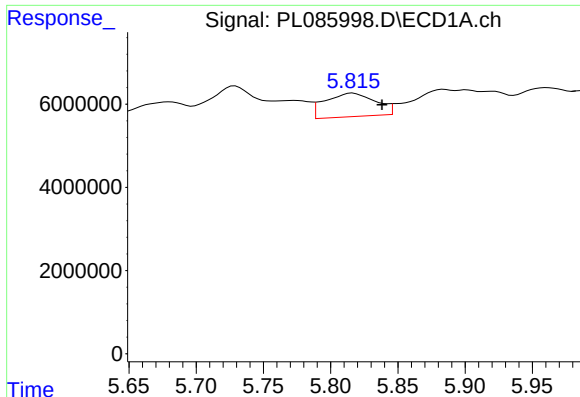
#10 gamma-Chlordane

R.T.: 5.774 min  
Delta R.T.: 0.015 min  
Response: 8115650  
Conc: 2.37 ng/ml



#10 gamma-Chlordane

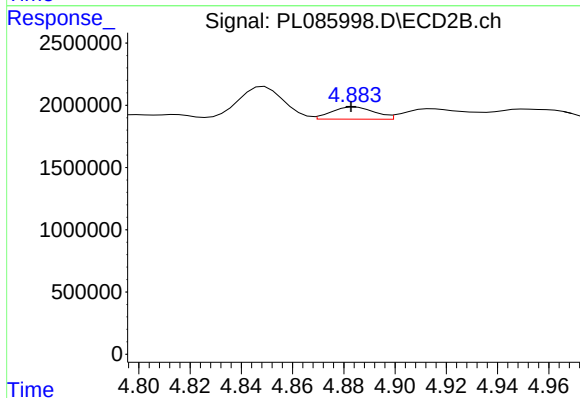
R.T.: 4.814 min  
Delta R.T.: -0.004 min  
Response: 323230  
Conc: 0.33 ng/ml



#11 alpha-Chlordane

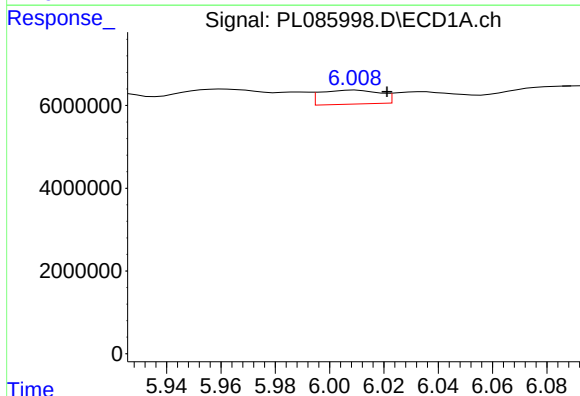
R.T.: 5.816 min  
Delta R.T.: -0.022 min  
Response: 14792496  
Conc: 4.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



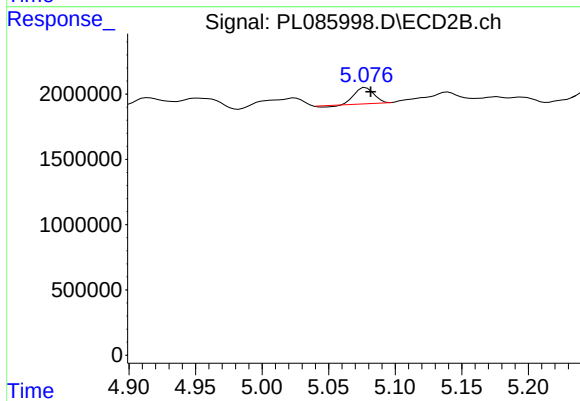
#11 alpha-Chlordane

R.T.: 4.885 min  
Delta R.T.: 0.002 min  
Response: 1137463  
Conc: 1.04 ng/ml



#12 4,4'-DDE

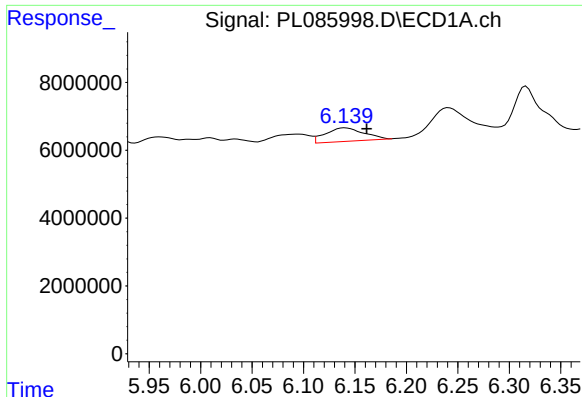
R.T.: 6.009 min  
Delta R.T.: -0.012 min  
Response: 5162279  
Conc: 1.85 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min  
Delta R.T.: -0.004 min  
Response: 1201964  
Conc: 1.46 ng/ml

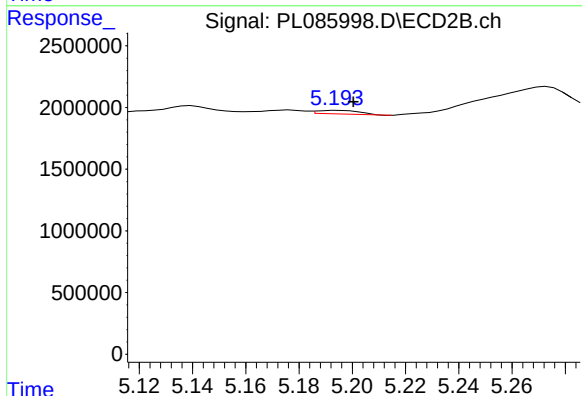




#13 Dieldrin

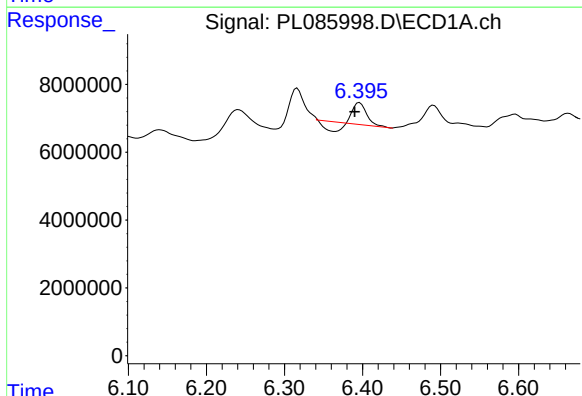
R.T.: 6.140 min  
Delta R.T.: -0.021 min  
Response: 10426967  
Conc: 3.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



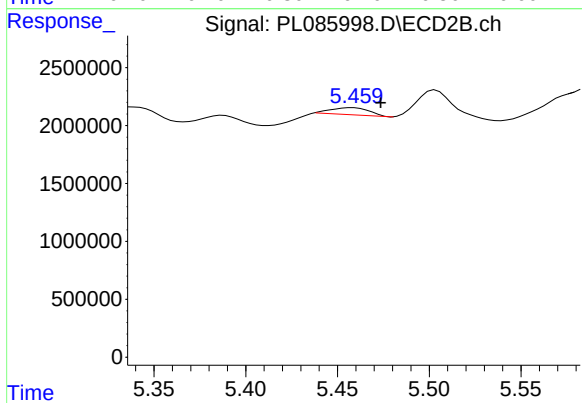
#13 Dieldrin

R.T.: 5.195 min  
Delta R.T.: -0.006 min  
Response: 325939  
Conc: 0.34 ng/ml



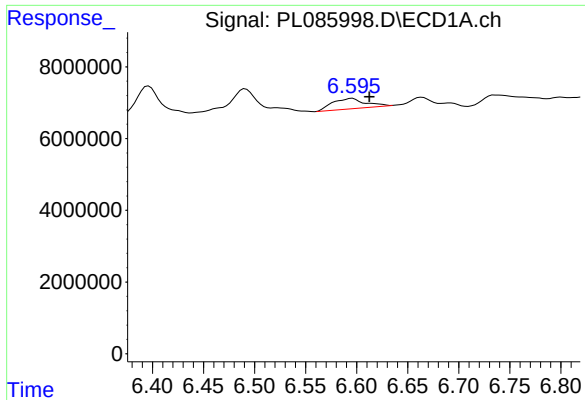
#14 Endrin

R.T.: 6.396 min  
Delta R.T.: 0.006 min  
Response: 4835608  
Conc: 1.70 ng/ml



#14 Endrin

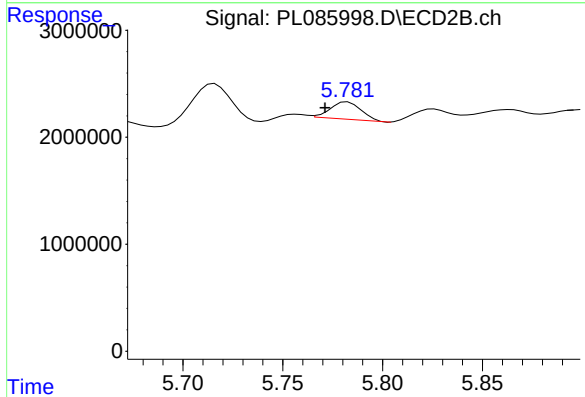
R.T.: 5.458 min  
Delta R.T.: -0.015 min  
Response: 890030  
Conc: 0.99 ng/ml



#15 Endosulfan II

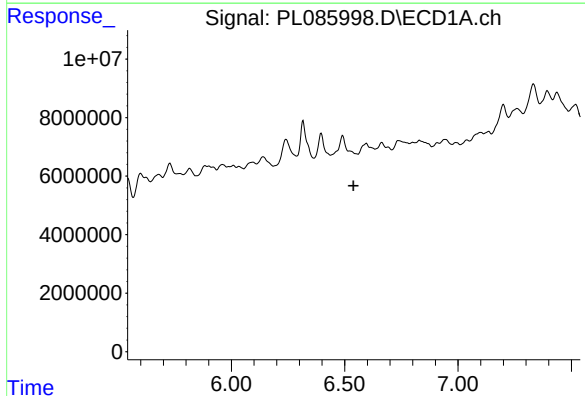
R.T.: 6.596 min  
Delta R.T.: -0.017 min  
Response: 6506649  
Conc: 2.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



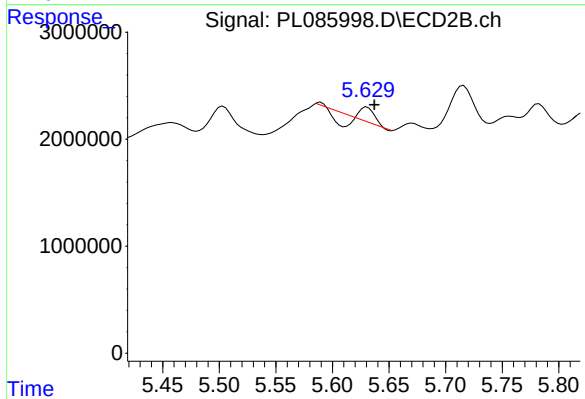
#15 Endosulfan II

R.T.: 5.782 min  
Delta R.T.: 0.011 min  
Response: 1737629  
Conc: 1.83 ng/ml



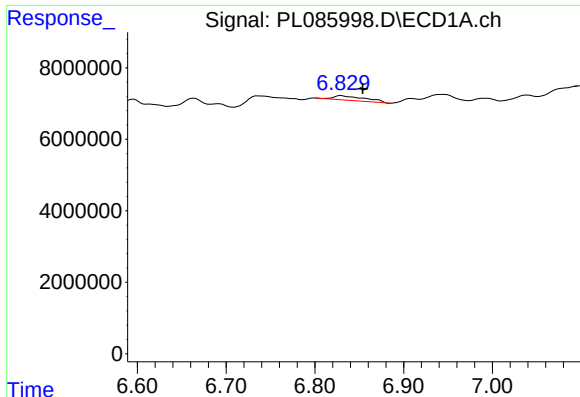
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.539 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

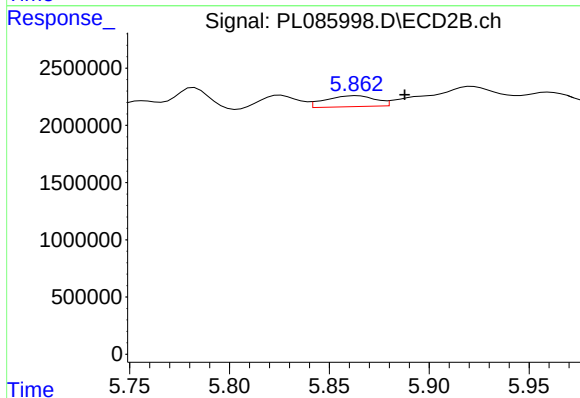
R.T.: 5.631 min  
Delta R.T.: -0.007 min  
Response: 190433  
Conc: 0.27 ng/ml



#17 4,4'-DDT

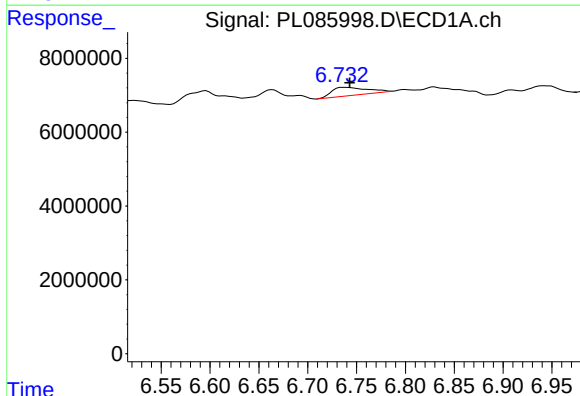
R.T.: 6.830 min  
Delta R.T.: -0.024 min  
Response: 3134207  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



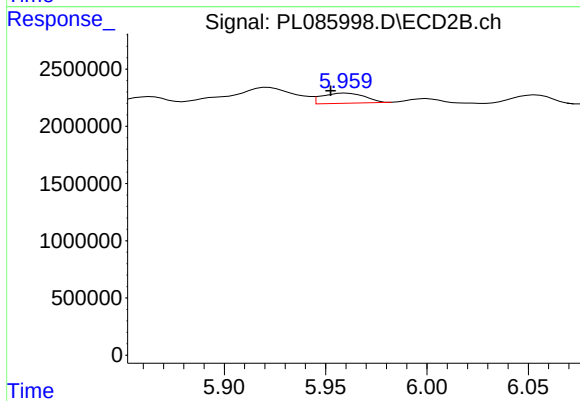
#17 4,4'-DDT

R.T.: 5.864 min  
Delta R.T.: -0.024 min  
Response: 1661774  
Conc: 2.10 ng/ml



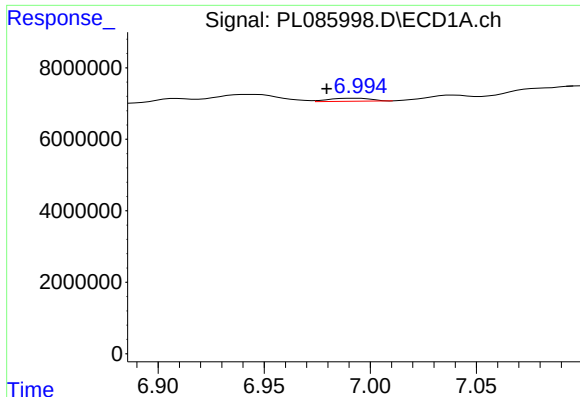
#18 Endrin aldehyde

R.T.: 6.737 min  
Delta R.T.: -0.006 min  
Response: 5573565  
Conc: 2.75 ng/ml



#18 Endrin aldehyde

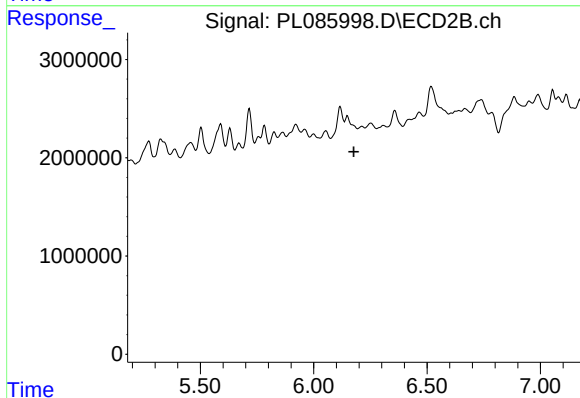
R.T.: 5.960 min  
Delta R.T.: 0.007 min  
Response: 1303041  
Conc: 1.75 ng/ml



#19 Endosulfan Sulfate

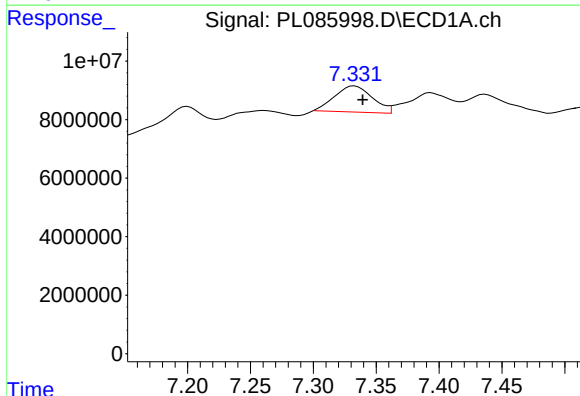
R.T.: 6.992 min  
Delta R.T.: 0.013 min  
Response: 1144081  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



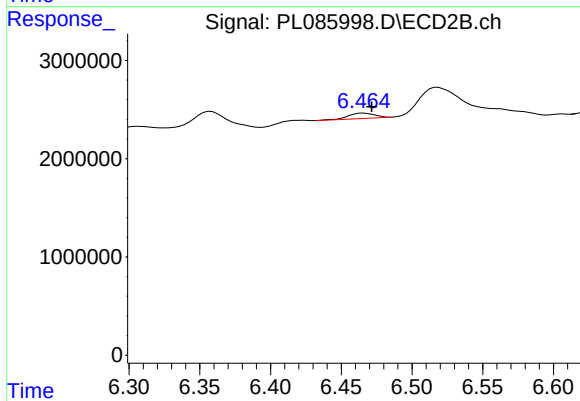
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.177 min  
Response: 0  
Conc: N.D.



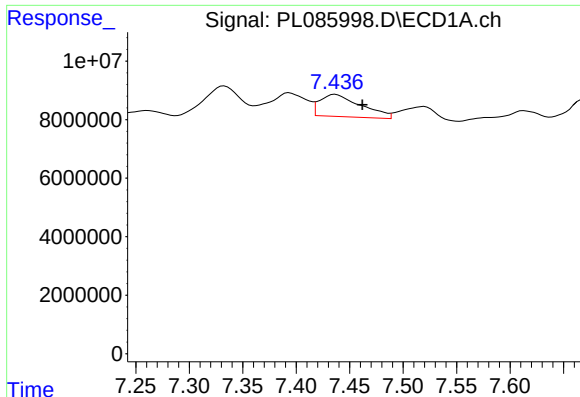
#20 Methoxychlor

R.T.: 7.333 min  
Delta R.T.: -0.006 min  
Response: 18640019  
Conc: 13.35 ng/ml



#20 Methoxychlor

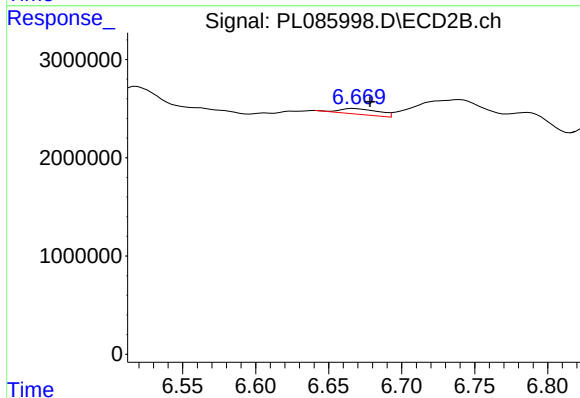
R.T.: 6.466 min  
Delta R.T.: -0.006 min  
Response: 693771  
Conc: 1.32 ng/ml



#21 Endrin ketone

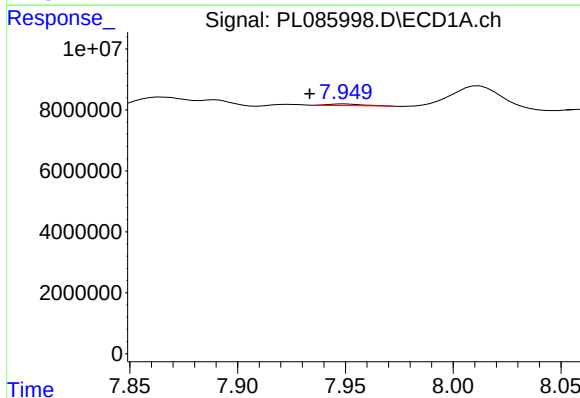
R.T.: 7.437 min  
Delta R.T.: -0.025 min  
Response: 20339115  
Conc: 7.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



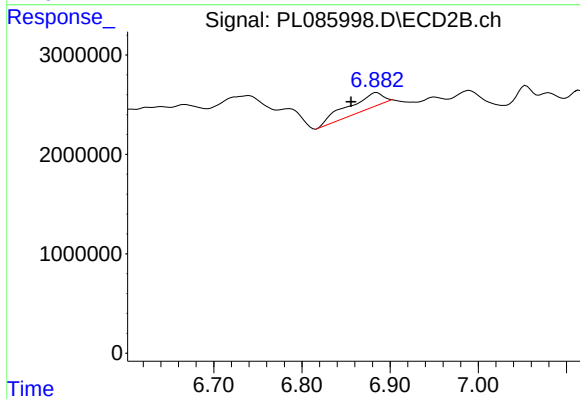
#21 Endrin ketone

R.T.: 6.667 min  
Delta R.T.: -0.011 min  
Response: 1096889  
Conc: 0.95 ng/ml



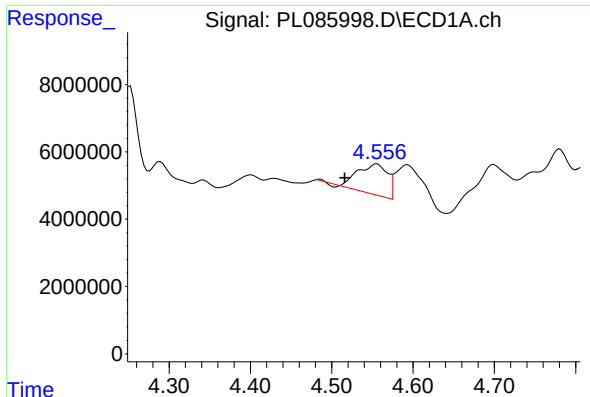
#22 Mirex

R.T.: 7.950 min  
Delta R.T.: 0.016 min  
Response: 456114  
Conc: 0.21 ng/ml



#22 Mirex

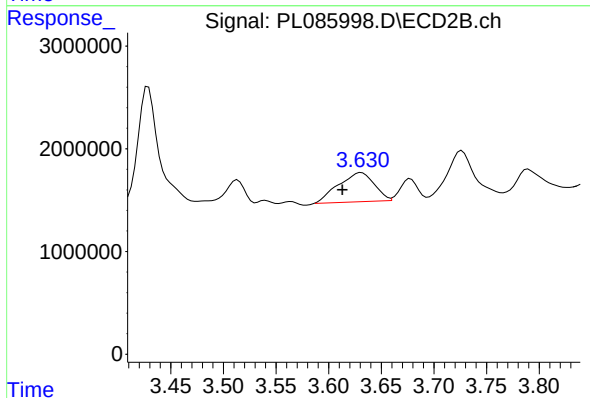
R.T.: 6.885 min  
Delta R.T.: 0.029 min  
Response: 4232560  
Conc: 4.49 ng/ml



#23 Chlordane-1

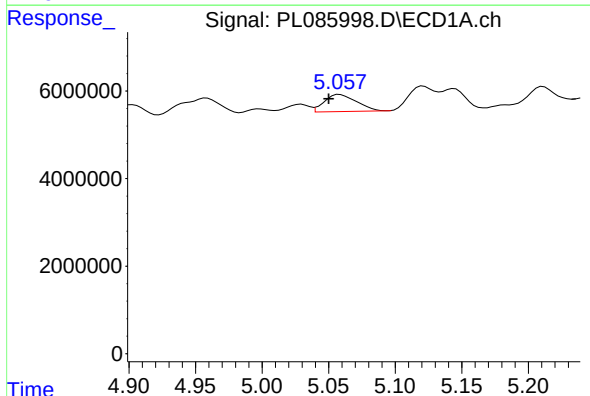
R.T.: 4.556 min  
Delta R.T.: 0.040 min  
Response: 22892857  
Conc: 190.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



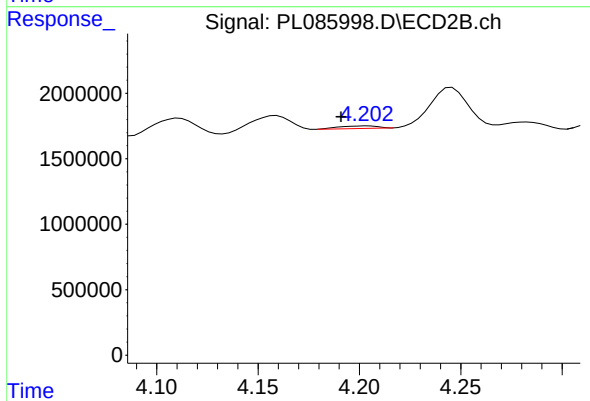
#23 Chlordane-1

R.T.: 3.631 min  
Delta R.T.: 0.018 min  
Response: 6705803  
Conc: 205.71 ng/ml



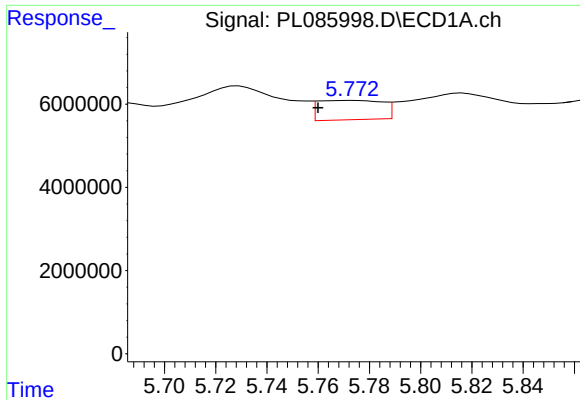
#24 Chlordane-2

R.T.: 5.058 min  
Delta R.T.: 0.008 min  
Response: 6548238  
Conc: 50.35 ng/ml



#24 Chlordane-2

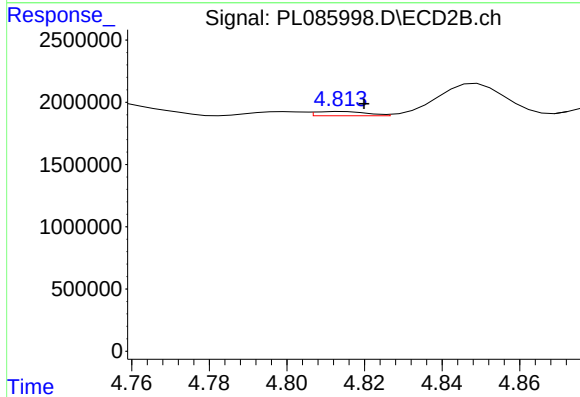
R.T.: 4.204 min  
Delta R.T.: 0.013 min  
Response: 266173  
Conc: 6.84 ng/ml



#25 Chlordane-3

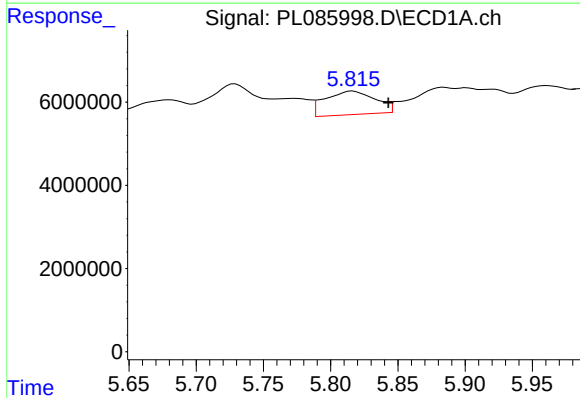
R.T.: 5.774 min  
Delta R.T.: 0.014 min  
Response: 8115650  
Conc: 15.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



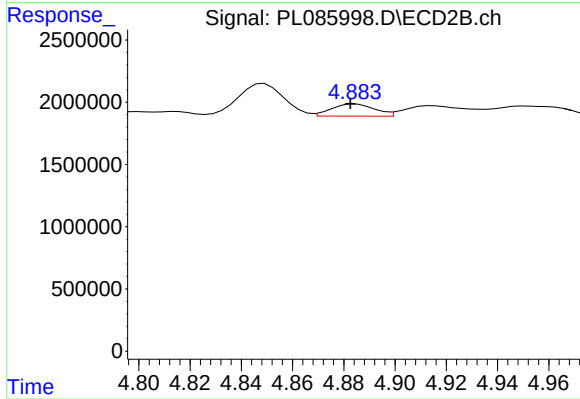
#25 Chlordane-3

R.T.: 4.814 min  
Delta R.T.: -0.005 min  
Response: 323230  
Conc: 3.20 ng/ml



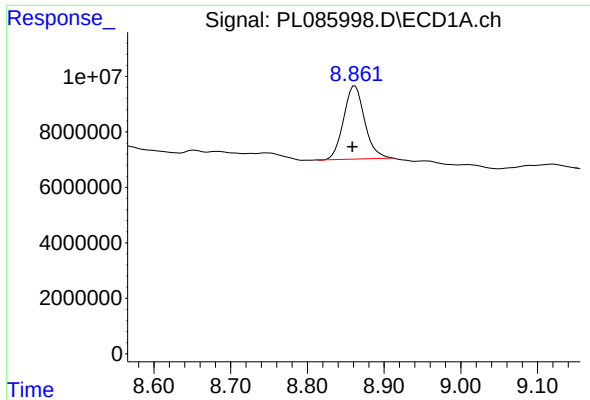
#26 Chlordane-4

R.T.: 5.816 min  
Delta R.T.: -0.027 min  
Response: 14792496  
Conc: 23.32 ng/ml



#26 Chlordane-4

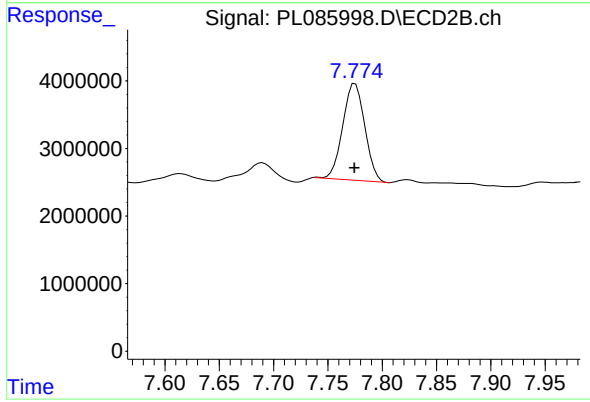
R.T.: 4.885 min  
Delta R.T.: 0.002 min  
Response: 1137463  
Conc: 9.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.862 min  
Delta R.T.: 0.003 min  
Response: 50527309  
Conc: 23.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.775 min  
Delta R.T.: 0.000 min  
Response: 20241886  
Conc: 21.93 ng/ml