

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091323\  
 Data File : PL085286.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2023 15:49  
 Operator : AR\AJ  
 Sample : 04394-04  
 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: Sep 12 16:19:59 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... | 3.475  | 2.682  | 18966764 | 10280930 | 7.754  | 9.049    |
| 28)                         | SA Decachlor... | 9.022  | 7.859  | 11048586 | 7678678  | 6.871  | 5.769    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.191  | 0        | 47075    | N.D.   | 0.029 #  |
| 3)                          | MA gamma-BHC... | 4.269  | 0.000  | 1165618  | 0        | 0.351  | N.D. #   |
| 5)                          | MB Aldrin       | 5.191  | 4.143  | 3889656  | 548061   | 1.265  | 0.359 #  |
| 6)                          | B beta-BHC      | 4.482  | 3.823  | 2830850  | -173450  | 2.003  | N.D. #   |
| 7)                          | B delta-BHC     | 4.714  | 0.000  | 825130   | 0        | 0.261  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.658f | 0.000  | 333946   | 0        | 0.128  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.875  | 4.920f | 3736267  | 592548   | 1.438  | 0.430 #  |
| 11)                         | B alpha-Chl...  | 5.973  | 4.970  | 2187845  | 959506   | 0.850  | 0.642    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.158  | 0        | 311272   | N.D.   | 0.250 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.284  | 0        | 946796   | N.D.   | 0.673 #  |
| 14)                         | MA Endrin       | 6.524  | 5.576f | 104768   | 57695    | 0.051  | 0.045    |
| 15)                         | B Endosulfa...  | 6.745  | 0.000  | 2330180  | 0        | 1.152  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.643f | 5.716  | 301345   | -69015   | 0.196  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.982  | 5.960  | 162183   | 241076   | 0.096  | 0.207 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.039  | 0        | 2196973  | N.D.   | 2.151 #  |
| 19)                         | B Endosulfa...  | 7.124  | 6.267  | 127763   | 42532    | 0.068  | 0.035 #  |
| 20)                         | A Methoxychlor  | 7.469  | 6.579f | 326398   | 44676    | 0.359  | 0.066 #  |
| 21)                         | B Endrin ke...  | 7.616f | 0.000  | 120610   | 0        | 0.062  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.682  | 0        | 1030069  | N.D.   | 26.507 # |
| 24)                         | Chlordane-2     | 5.191  | 0.000  | 3889656  | 0        | 37.129 | N.D. #   |
| 25)                         | Chlordane-3     | 5.875f | 4.920f | 3736267  | 592548   | 10.337 | 4.413 #  |
| 26)                         | Chlordane-4     | 5.973  | 4.970  | 2187845  | 959506   | 5.043  | 6.452 #  |
| -----                       |                 |        |        |          |          |        |          |

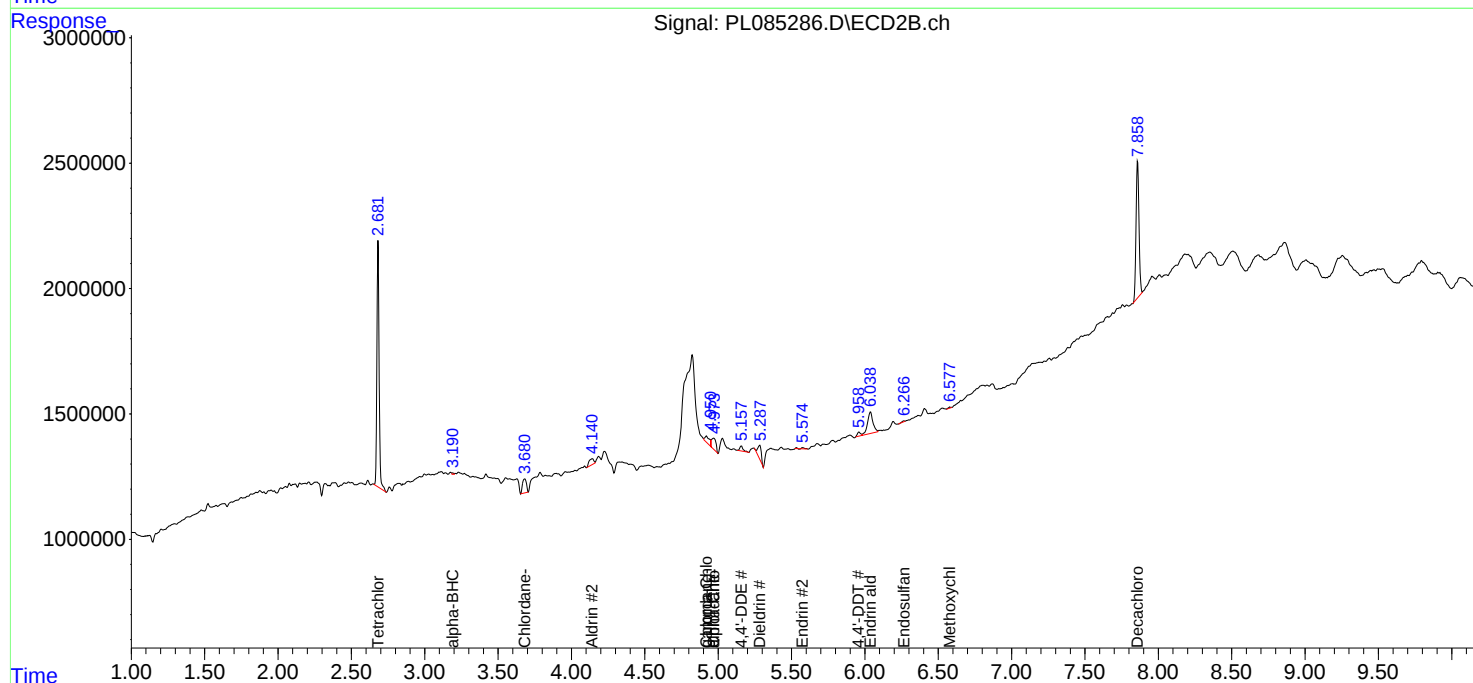
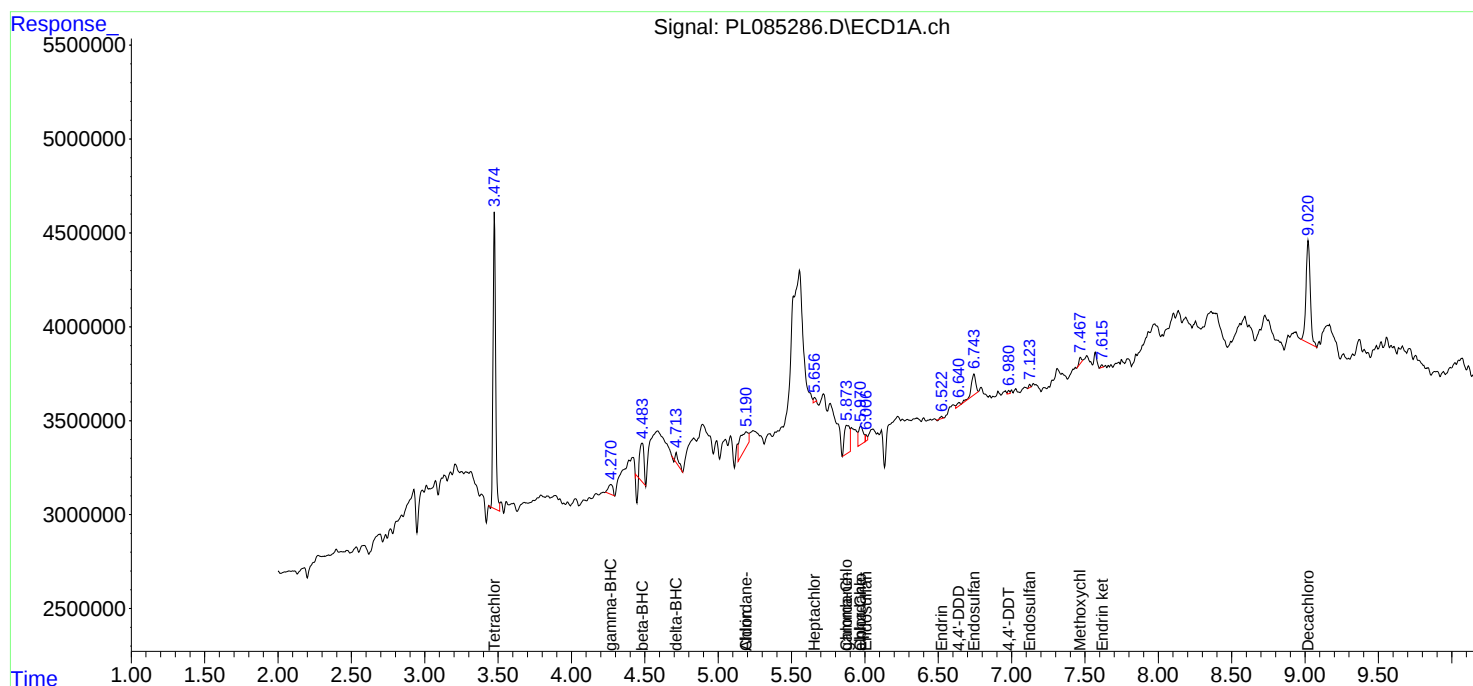
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

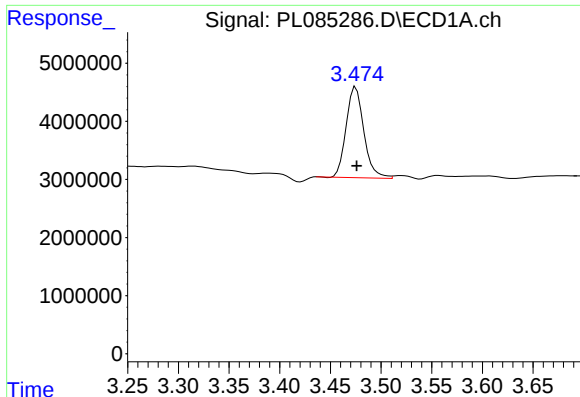
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091323\  
Data File : PL085286.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2023 15:49  
Operator : AR\AJ  
Sample : 04394-04  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 12 16:19:59 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

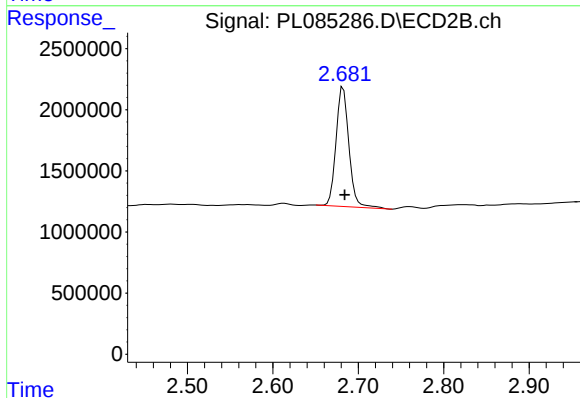




#1 Tetrachloro-m-xylene

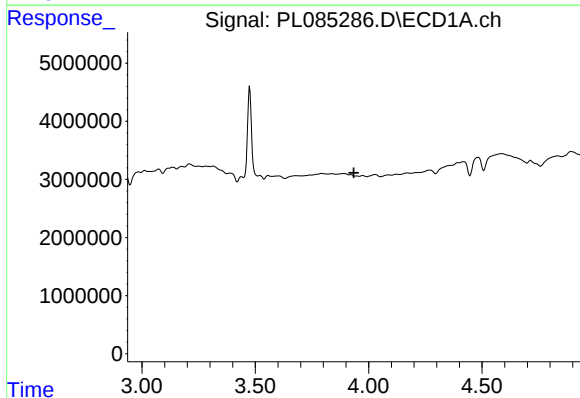
R.T.: 3.475 min  
Delta R.T.: 0.000 min  
Response: 18966764  
Conc: 7.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



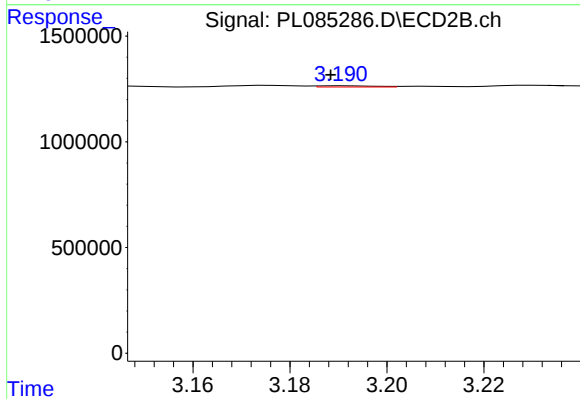
#1 Tetrachloro-m-xylene

R.T.: 2.682 min  
Delta R.T.: -0.002 min  
Response: 10280930  
Conc: 9.05 ng/ml



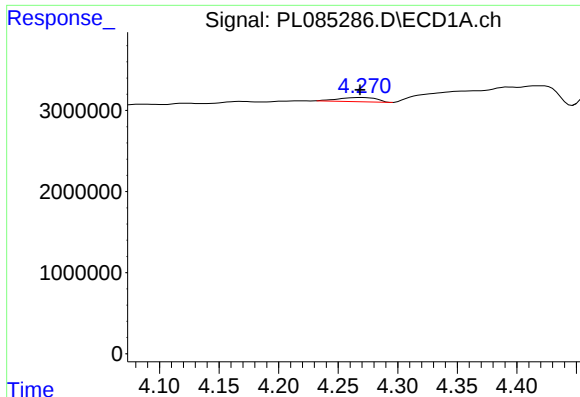
#2 alpha-BHC

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



#2 alpha-BHC

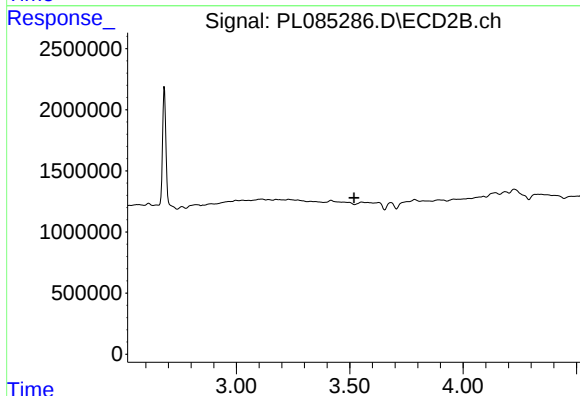
R.T.: 3.191 min  
Delta R.T.: 0.003 min  
Response: 47075  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

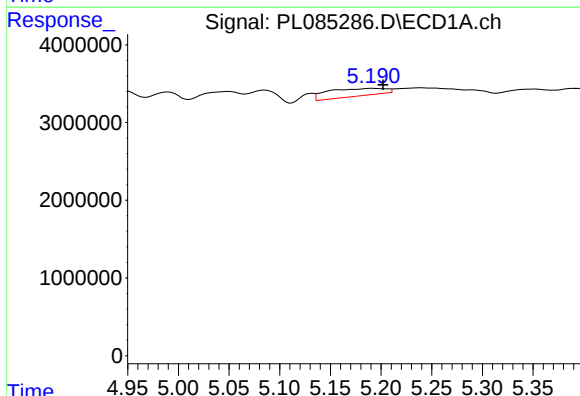
R.T.: 4.269 min  
Delta R.T.: 0.001 min  
Response: 1165618  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



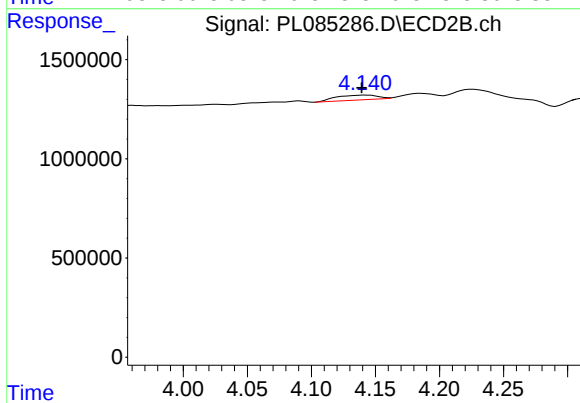
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.519 min  
Response: 0  
Conc: N.D.



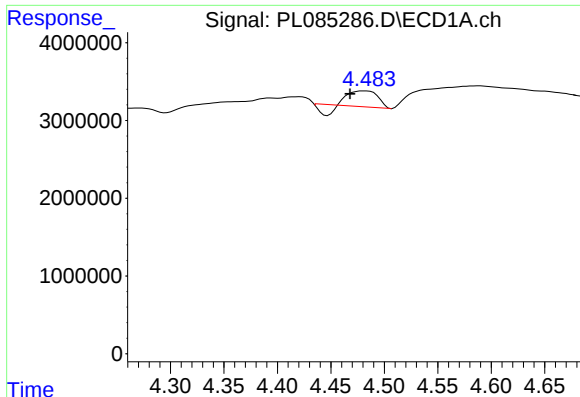
#5 Aldrin

R.T.: 5.191 min  
Delta R.T.: -0.011 min  
Response: 3889656  
Conc: 1.26 ng/ml



#5 Aldrin

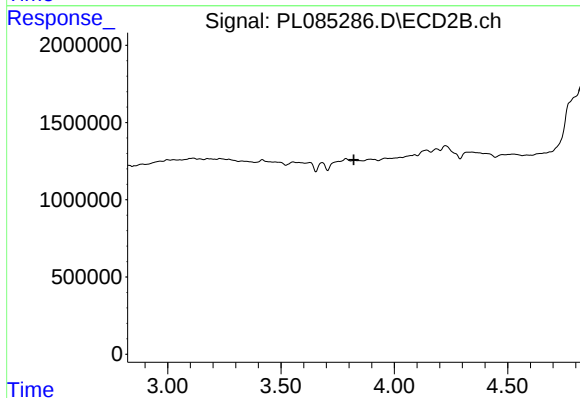
R.T.: 4.143 min  
Delta R.T.: 0.003 min  
Response: 548061  
Conc: 0.36 ng/ml



#6 beta-BHC

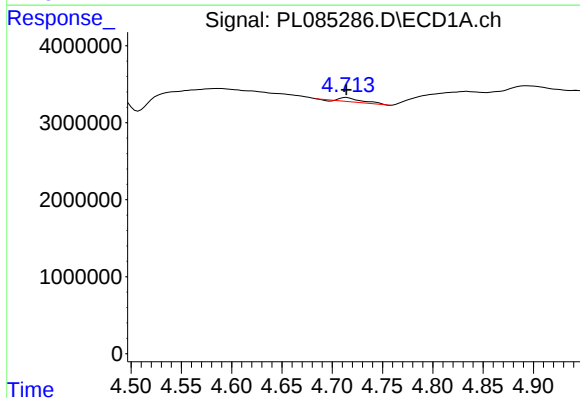
R.T.: 4.482 min  
Delta R.T.: 0.014 min  
Response: 2830850  
Conc: 2.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



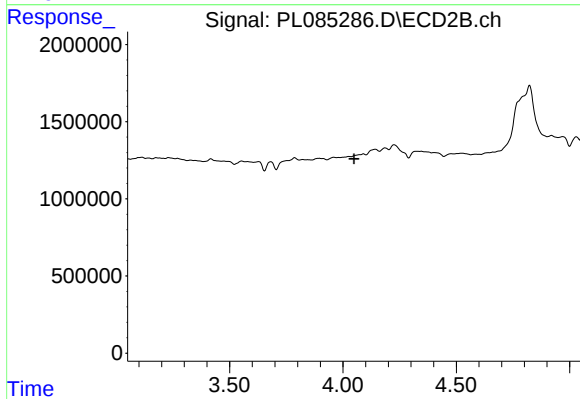
#6 beta-BHC

R.T.: 3.823 min  
Delta R.T.: 0.001 min  
Response: -173450  
Conc: N.D.



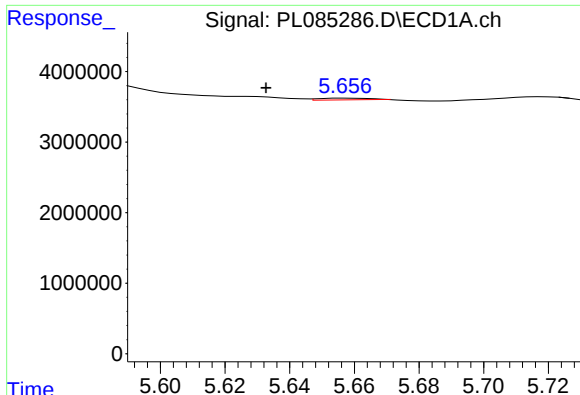
#7 delta-BHC

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 825130  
Conc: 0.26 ng/ml



#7 delta-BHC

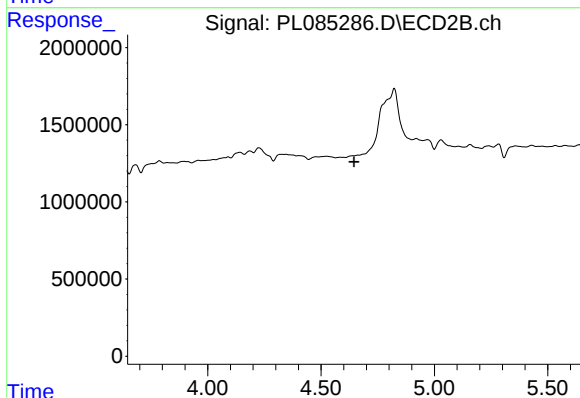
R.T.: 0.000 min  
Exp R.T. : 4.050 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

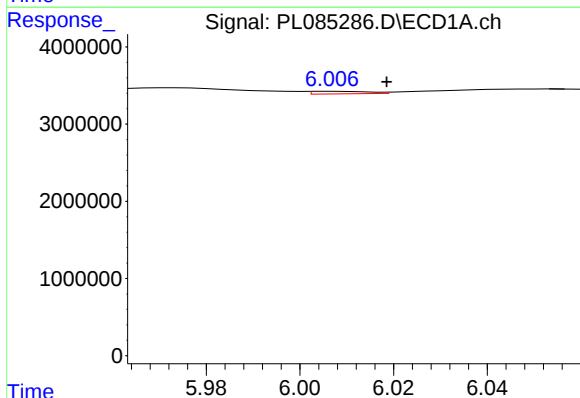
R.T.: 5.658 min  
Delta R.T.: 0.025 min  
Response: 333946  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



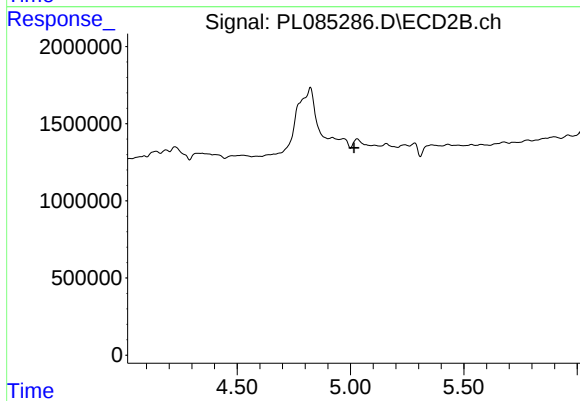
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.646 min  
Response: 0  
Conc: N.D.



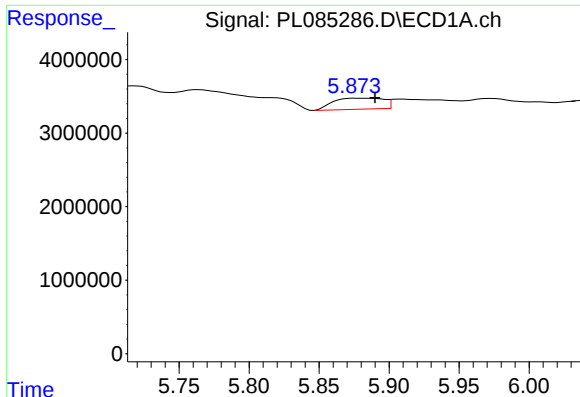
#9 Endosulfan I

R.T.: 6.007 min  
Delta R.T.: -0.011 min  
Response: 283104  
Conc: 0.12 ng/ml



#9 Endosulfan I

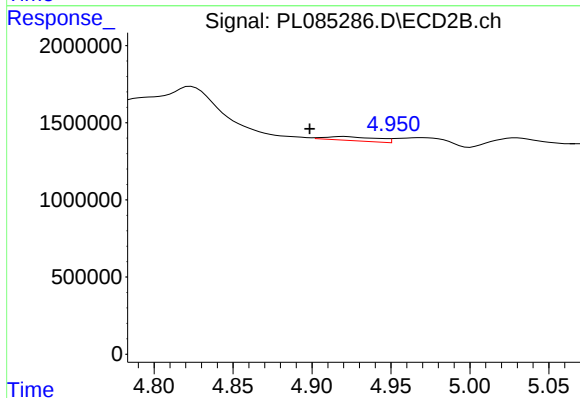
R.T.: 5.030 min  
Delta R.T.: 0.014 min  
Response: 1186064  
Conc: N.D.



#10 gamma-Chlordane

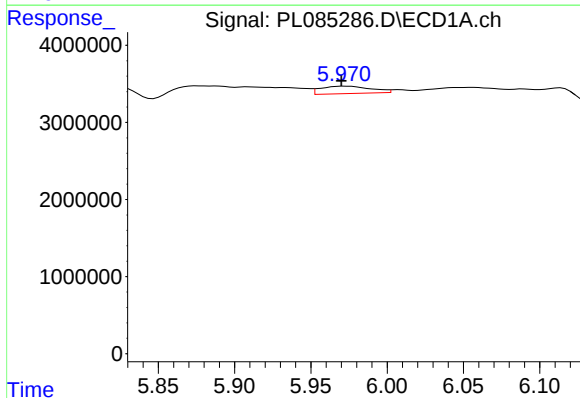
R.T.: 5.875 min  
Delta R.T.: -0.015 min  
Response: 3736267  
Conc: 1.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



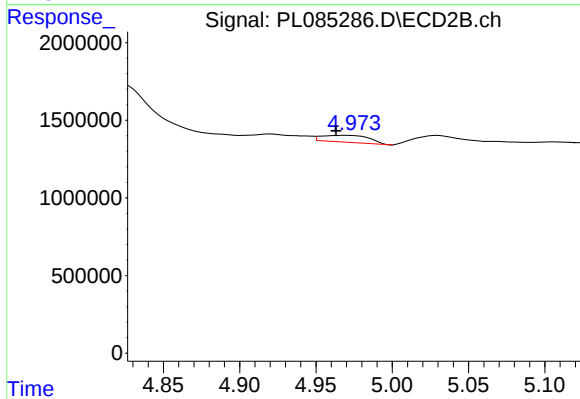
#10 gamma-Chlordane

R.T.: 4.920 min  
Delta R.T.: 0.022 min  
Response: 592548  
Conc: 0.43 ng/ml



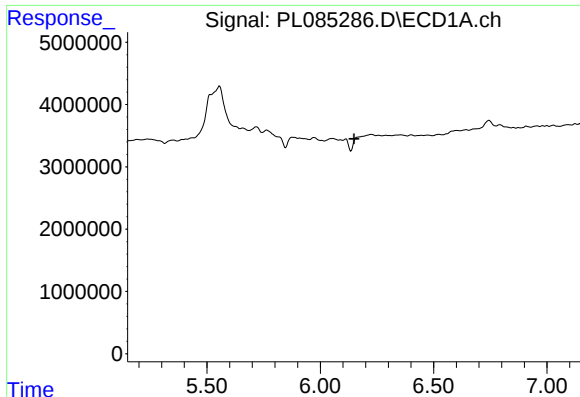
#11 alpha-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.002 min  
Response: 2187845  
Conc: 0.85 ng/ml



#11 alpha-Chlordane

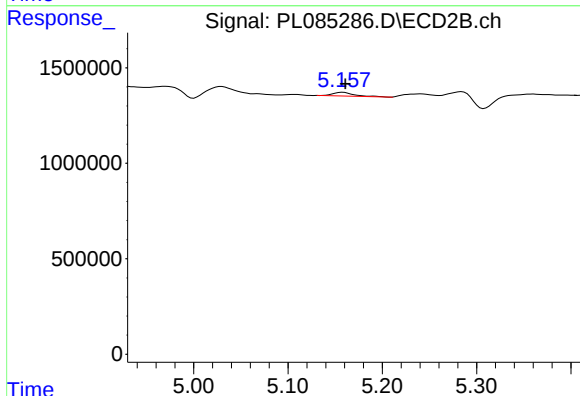
R.T.: 4.970 min  
Delta R.T.: 0.007 min  
Response: 959506  
Conc: 0.64 ng/ml



#12 4,4'-DDE

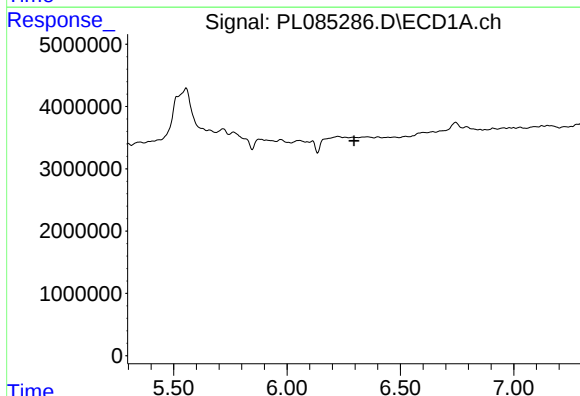
R.T.: 0.000 min  
Exp R.T.: 6.149 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



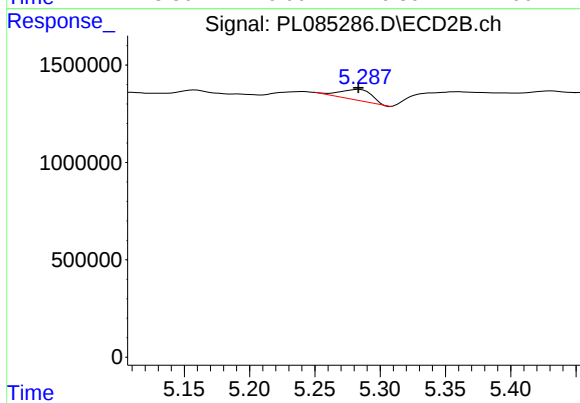
#12 4,4'-DDE

R.T.: 5.158 min  
Delta R.T.: -0.003 min  
Response: 311272  
Conc: 0.25 ng/ml



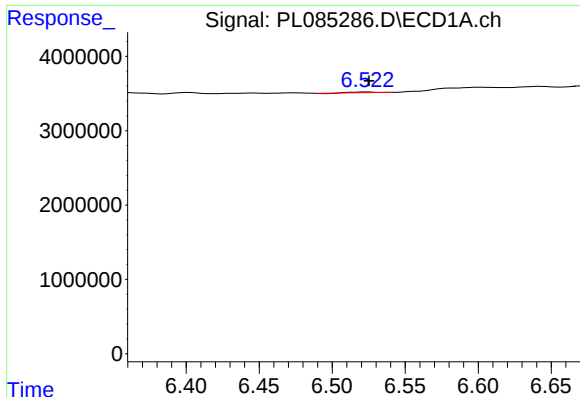
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.295 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

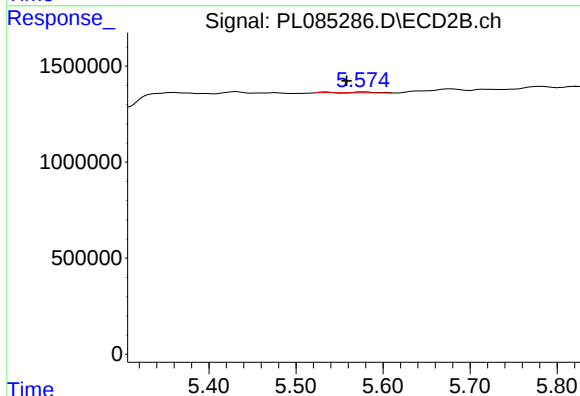
R.T.: 5.284 min  
Delta R.T.: 0.000 min  
Response: 946796  
Conc: 0.67 ng/ml



#14 Endrin

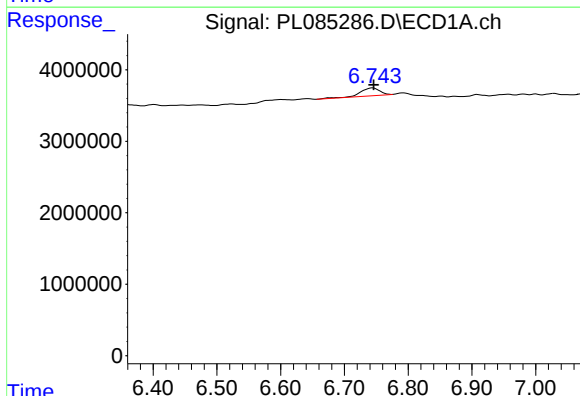
R.T.: 6.524 min  
Delta R.T.: -0.001 min  
Response: 104768  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



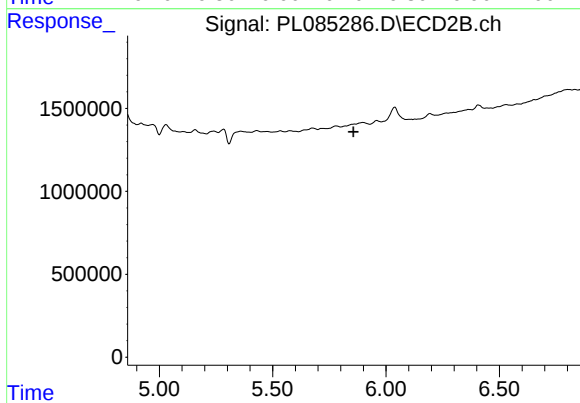
#14 Endrin

R.T.: 5.576 min  
Delta R.T.: 0.018 min  
Response: 57695  
Conc: 0.05 ng/ml



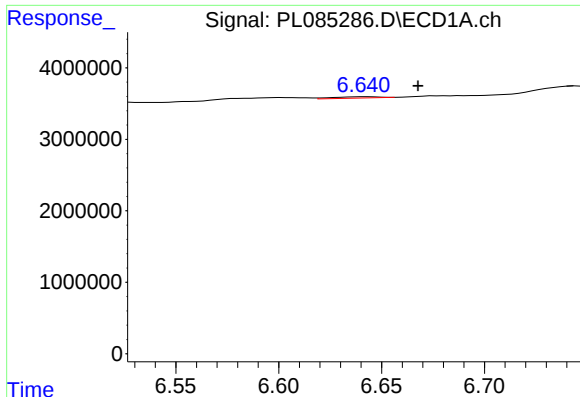
#15 Endosulfan II

R.T.: 6.745 min  
Delta R.T.: -0.002 min  
Response: 2330180  
Conc: 1.15 ng/ml



#15 Endosulfan II

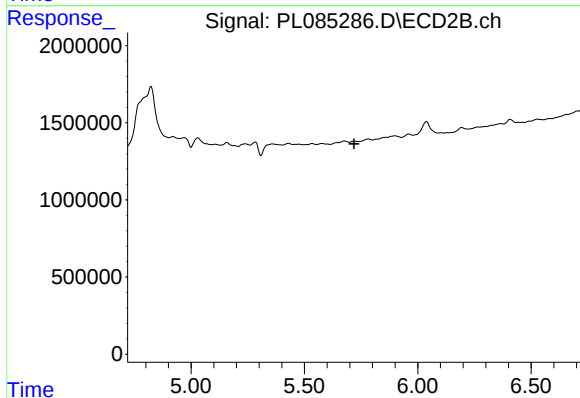
R.T.: 0.000 min  
Exp R.T.: 5.857 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

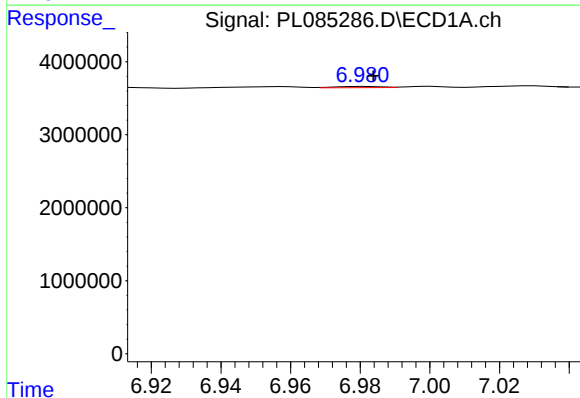
R.T.: 6.643 min  
Delta R.T.: -0.025 min  
Response: 301345  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



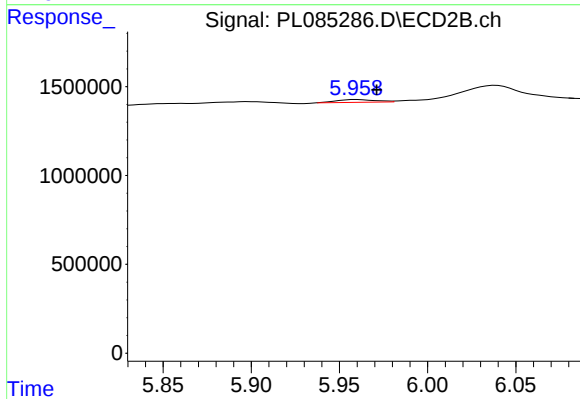
#16 4,4'-DDD

R.T.: 5.716 min  
Delta R.T.: -0.003 min  
Response: -69015  
Conc: N.D.



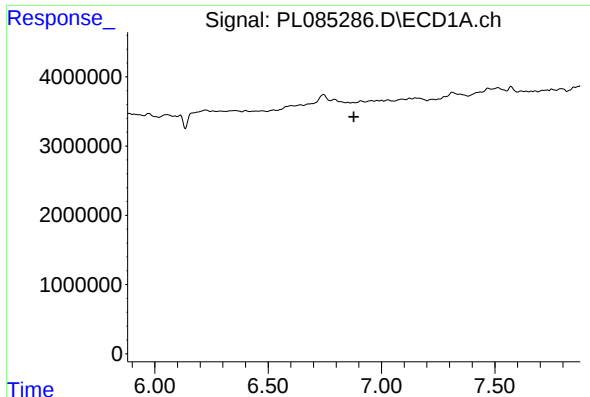
#17 4,4'-DDT

R.T.: 6.982 min  
Delta R.T.: -0.002 min  
Response: 162183  
Conc: 0.10 ng/ml



#17 4,4'-DDT

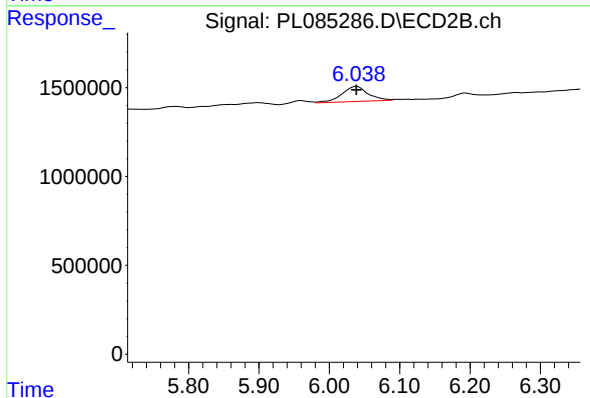
R.T.: 5.960 min  
Delta R.T.: -0.011 min  
Response: 241076  
Conc: 0.21 ng/ml



#18 Endrin aldehyde

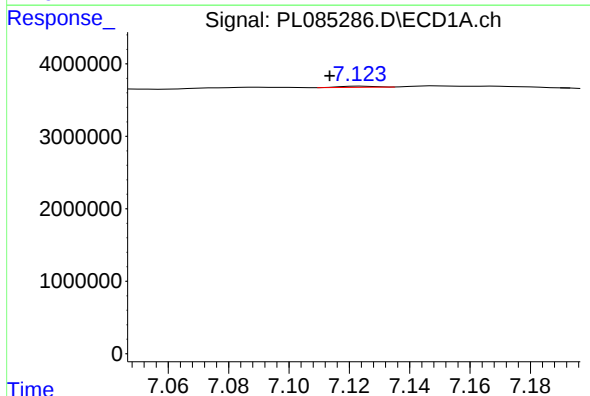
R.T.: 0.000 min  
Exp R.T.: 6.877 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



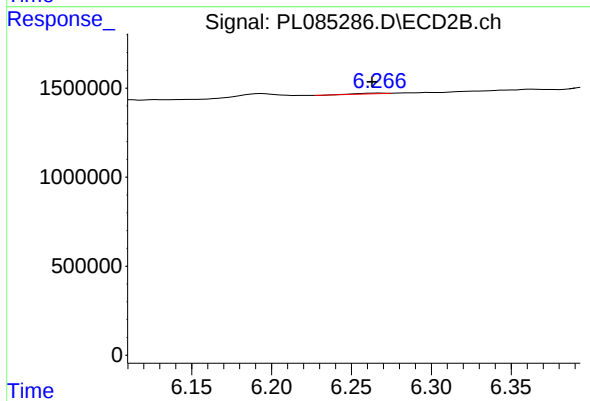
#18 Endrin aldehyde

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 2196973  
Conc: 2.15 ng/ml



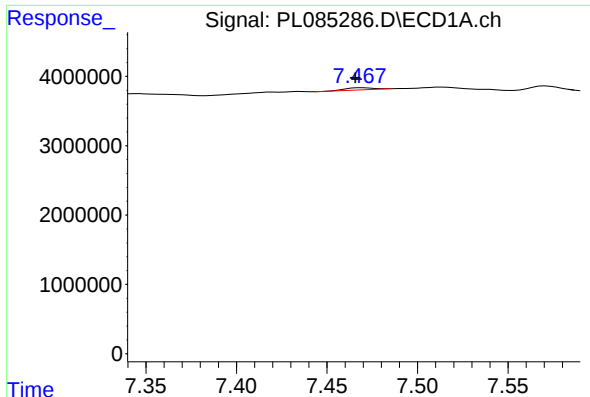
#19 Endosulfan Sulfate

R.T.: 7.124 min  
Delta R.T.: 0.010 min  
Response: 127763  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

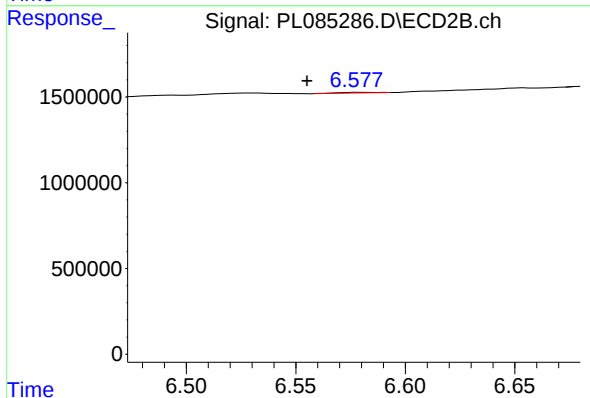
R.T.: 6.267 min  
Delta R.T.: 0.004 min  
Response: 42532  
Conc: 0.04 ng/ml



#20 Methoxychlor

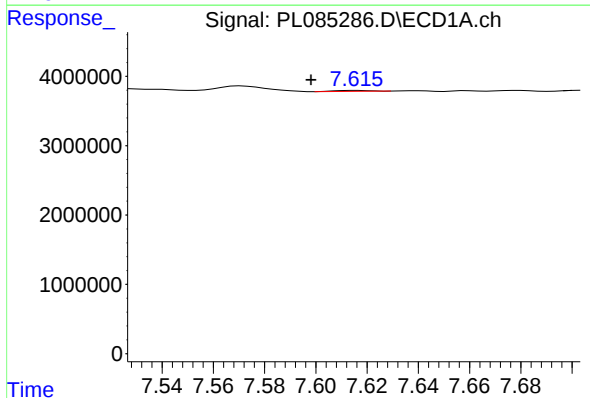
R.T.: 7.469 min  
Delta R.T.: 0.004 min  
Response: 326398  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



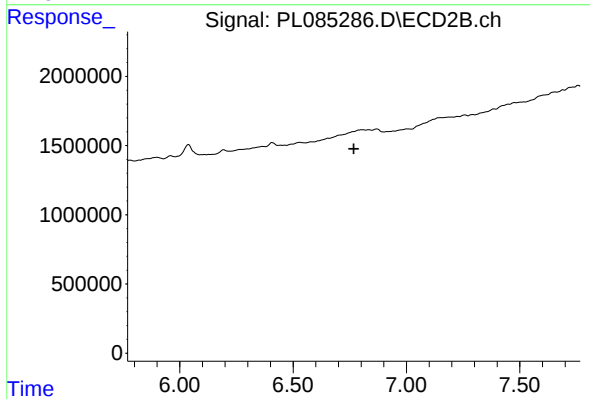
#20 Methoxychlor

R.T.: 6.579 min  
Delta R.T.: 0.024 min  
Response: 44676  
Conc: 0.07 ng/ml



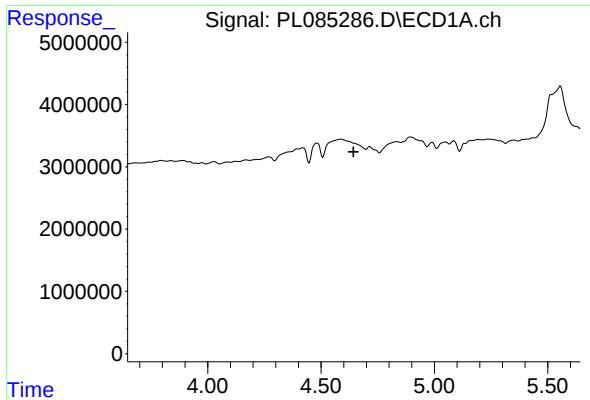
#21 Endrin ketone

R.T.: 7.616 min  
Delta R.T.: 0.018 min  
Response: 120610  
Conc: 0.06 ng/ml



#21 Endrin ketone

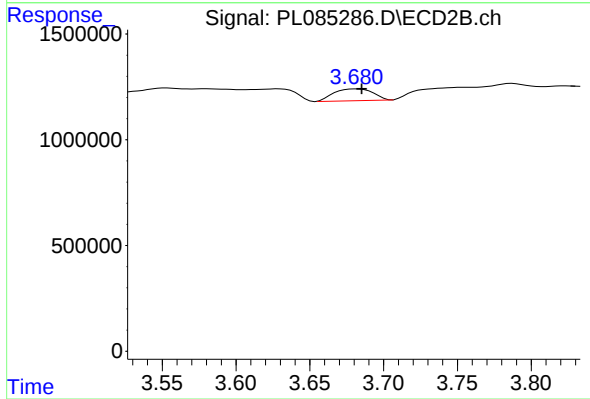
R.T.: 0.000 min  
Exp R.T.: 6.768 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

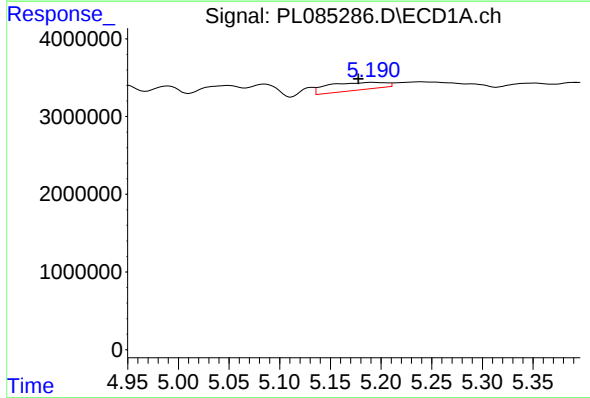
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



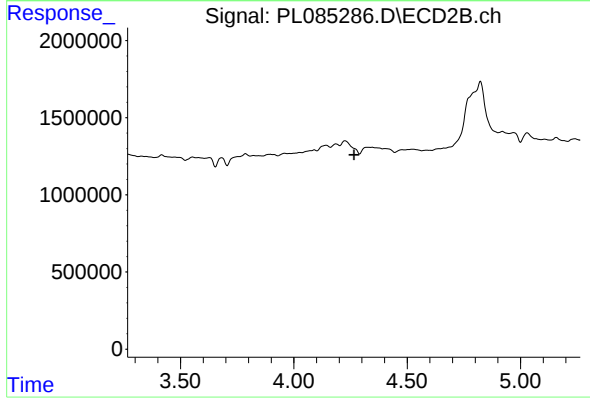
#23 Chlordane-1

R.T.: 3.682 min  
Delta R.T.: -0.003 min  
Response: 1030069  
Conc: 26.51 ng/ml



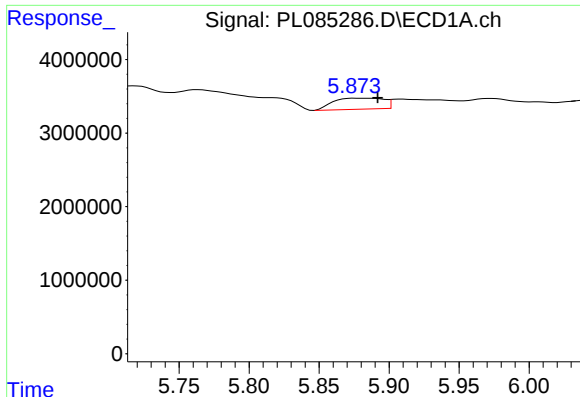
#24 Chlordane-2

R.T.: 5.191 min  
Delta R.T.: 0.014 min  
Response: 3889656  
Conc: 37.13 ng/ml



#24 Chlordane-2

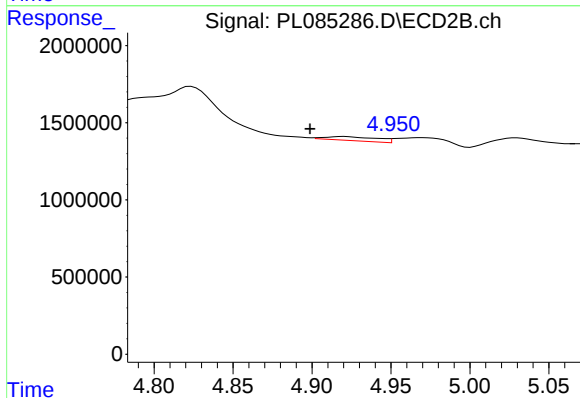
R.T.: 0.000 min  
Exp R.T.: 4.266 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

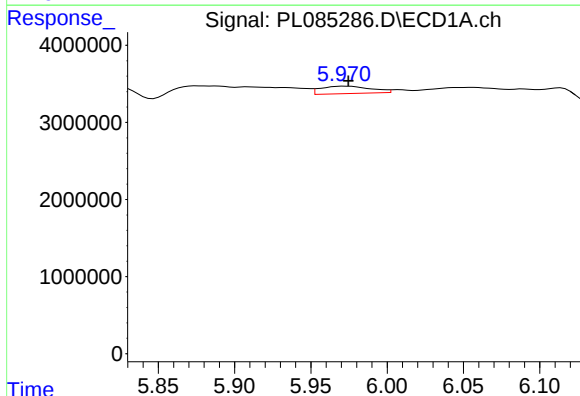
R.T.: 5.875 min  
Delta R.T.: -0.016 min  
Response: 3736267  
Conc: 10.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



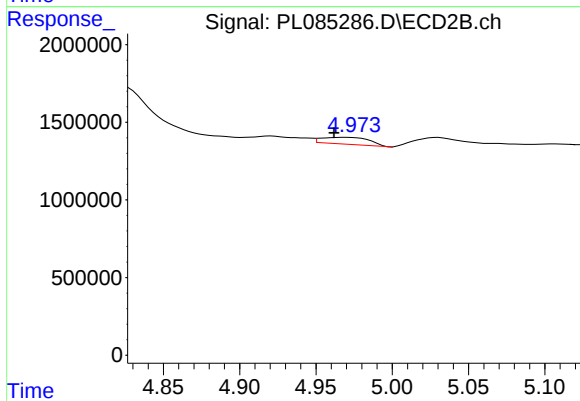
#25 Chlordane-3

R.T.: 4.920 min  
Delta R.T.: 0.022 min  
Response: 592548  
Conc: 4.41 ng/ml



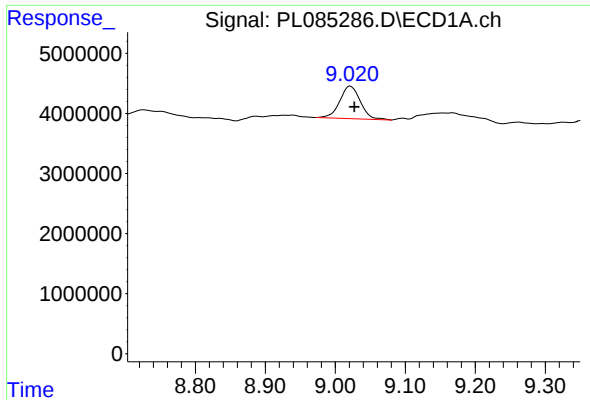
#26 Chlordane-4

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 2187845  
Conc: 5.04 ng/ml



#26 Chlordane-4

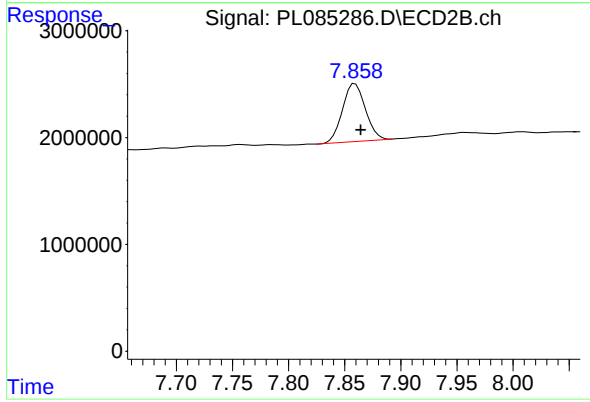
R.T.: 4.970 min  
Delta R.T.: 0.008 min  
Response: 959506  
Conc: 6.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min  
Delta R.T.: -0.005 min  
Response: 11048586  
Conc: 6.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.859 min  
Delta R.T.: -0.005 min  
Response: 7678678  
Conc: 5.77 ng/ml