

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100223\  
 Data File : PL085660.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 03:27  
 Operator : AR\AJ  
 Sample : 04652-04  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 06:54:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 04:57:42 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... | 3.358  | 2.623  | 58086232 | 19067549 | 19.552 | 17.759  |
| 2)                          | SA Decachlor... | 8.856  | 7.773  | 46581847 | 19263778 | 17.269 | 20.574  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.807  | 3.146f | 887151   | 20288    | 0.203  | 0.015 # |
| 3)                          | MA gamma-BHC... | 4.113f | 3.449  | 2102262  | 226005   | 0.510  | 0.172 # |
| 4)                          | MA Heptachlor   | 4.734  | 3.794  | 300598   | 68587    | 0.083  | 0.054 # |
| 5)                          | MB Aldrin       | 0.000  | 4.047  | 0        | 1106800  | N.D.   | 0.867 # |
| 6)                          | B beta-BHC      | 4.335  | 3.758  | 84230    | 117385   | 0.050  | 0.204 # |
| 7)                          | B delta-BHC     | 4.594  | 3.955f | 7469033  | 2187     | 2.140  | 0.002 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.573  | 0        | 20646    | N.D.   | 0.018 # |
| 9)                          | A Endosulfan I  | 5.870  | 4.946  | 4380923  | 703097   | 1.379  | 0.616 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.805  | 0        | 352150   | N.D.   | 0.303 # |
| 11)                         | B alpha-Chl...  | 5.826  | 4.879  | 4687129  | 622849   | 1.358  | 0.517 # |
| 12)                         | B 4,4'-DDE      | 6.016  | 5.083  | 2605847  | 121569   | 0.854  | 0.111 # |
| 13)                         | MA Dieldrin     | 6.175f | 5.175f | 1374868  | 1281504  | 0.404  | 1.112 # |
| 14)                         | MA Endrin       | 6.404f | 5.498f | 572993   | 174311   | 0.205  | 0.178   |
| 15)                         | B Endosulfa...  | 6.615  | 5.758  | 2360006  | 450299   | 0.749  | 0.420 # |
| 16)                         | A 4,4'-DDD      | 6.550  | 5.630  | 150265   | 60190    | 0.062  | 0.068   |
| 17)                         | MA 4,4'-DDT     | 6.823f | 5.881  | 2034280  | 46832    | 0.827  | 0.054 # |
| 18)                         | B Endrin al...  | 0.000  | 5.936  | 0        | 1219244  | N.D.   | 1.417 # |
| 19)                         | B Endosulfa...  | 6.965  | 6.186  | 805513   | 1045454  | 0.295  | 1.080 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.445f | 0        | 119951   | N.D.   | 0.238 # |
| 22)                         | Mirex           | 7.944  | 6.849  | 3862591  | 45126    | 1.723  | 0.050 # |
| 25)                         | Chlordane-3     | 0.000  | 4.805  | 0        | 352150   | N.D.   | 3.159 # |
| 26)                         | Chlordane-4     | 5.826  | 4.879  | 4687129  | 622849   | 7.710  | 5.128 # |
| 27)                         | Chlordane-5     | 6.666f | 5.577f | 556340   | -10097   | 6.253  | N.D. #  |
| -----                       |                 |        |        |          |          |        |         |

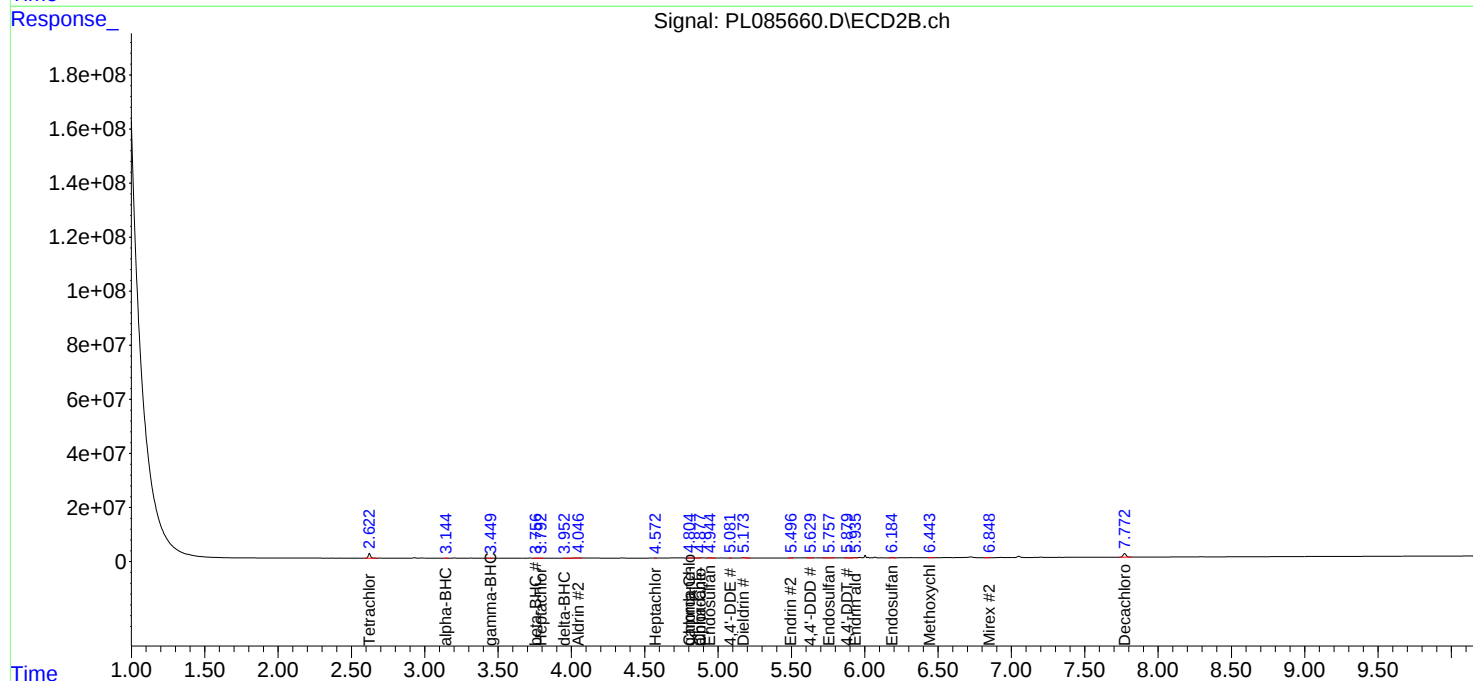
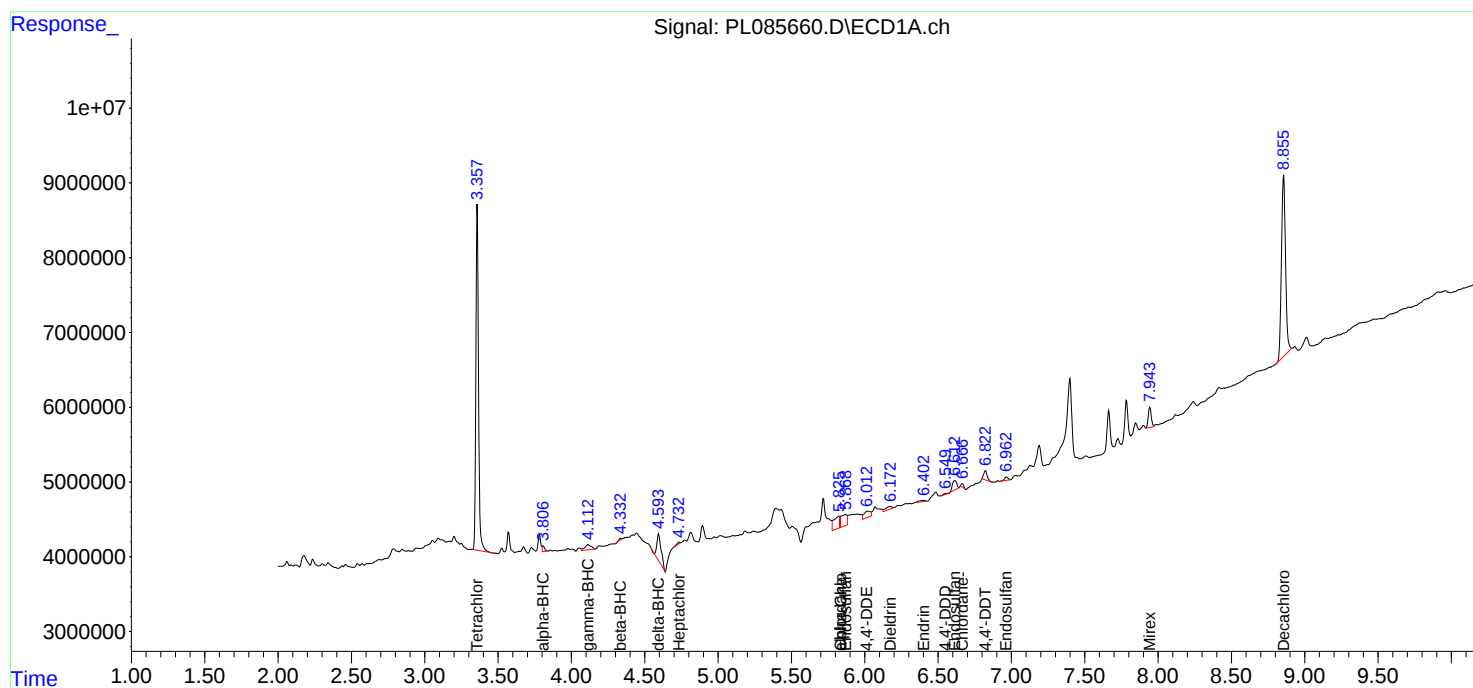
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

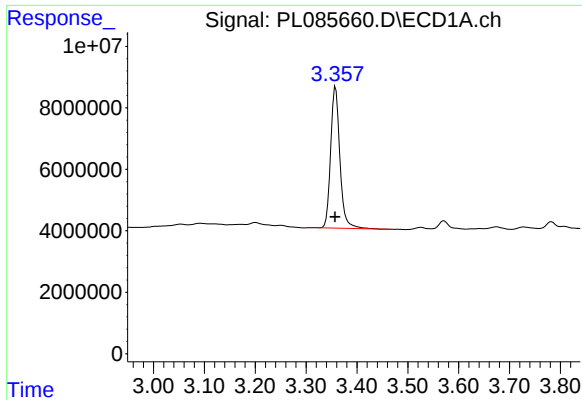
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100223\  
Data File : PL085660.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 03:27  
Operator : AR\AJ  
Sample : 04652-04  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 06:54:46 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100223.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 04:57:42 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

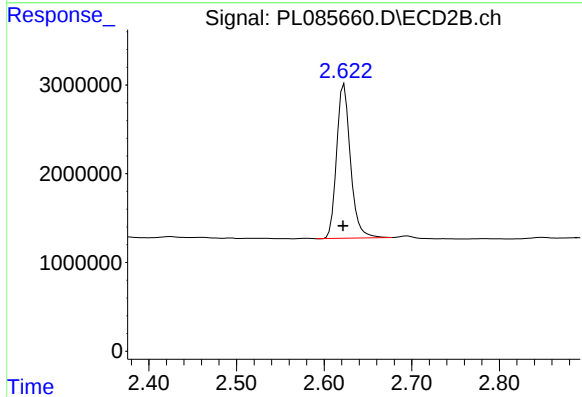




#1 Tetrachloro-m-xylene

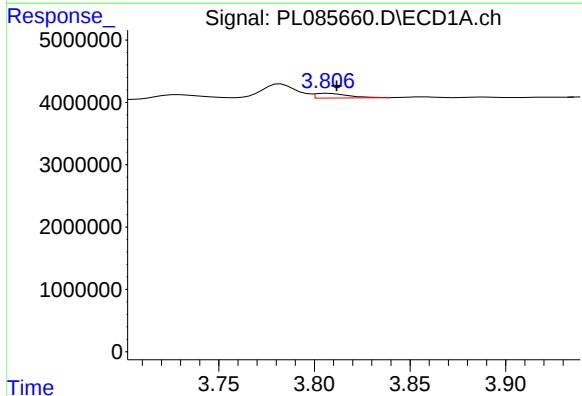
R.T.: 3.358 min  
Delta R.T.: 0.001 min  
Response: 58086232  
Conc: 19.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



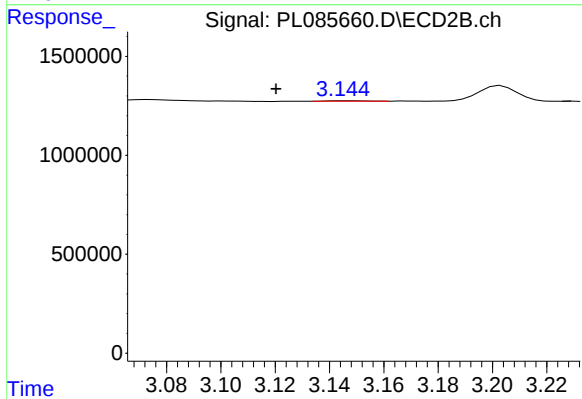
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.001 min  
Response: 19067549  
Conc: 17.76 ng/ml



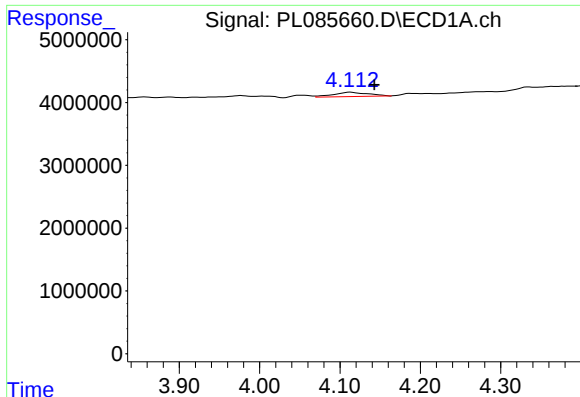
#2 alpha-BHC

R.T.: 3.807 min  
Delta R.T.: -0.004 min  
Response: 887151  
Conc: 0.20 ng/ml



#2 alpha-BHC

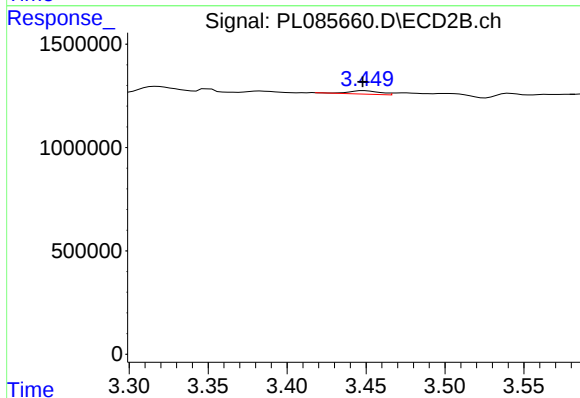
R.T.: 3.146 min  
Delta R.T.: 0.026 min  
Response: 20288  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

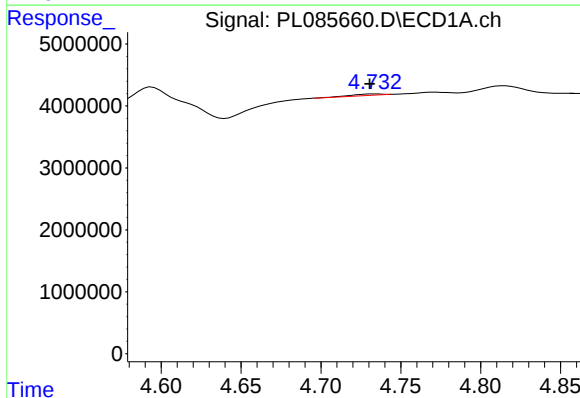
R.T.: 4.113 min  
Delta R.T.: -0.030 min  
Response: 2102262  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



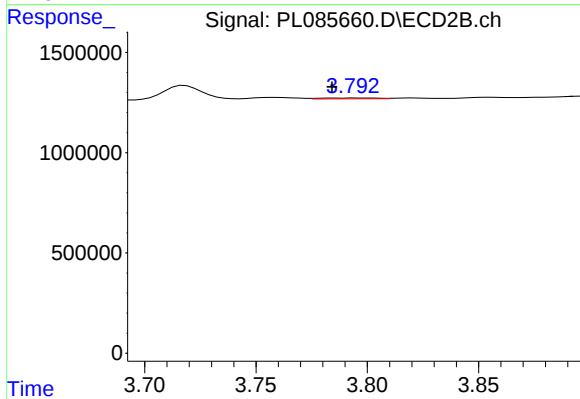
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.001 min  
Response: 226005  
Conc: 0.17 ng/ml



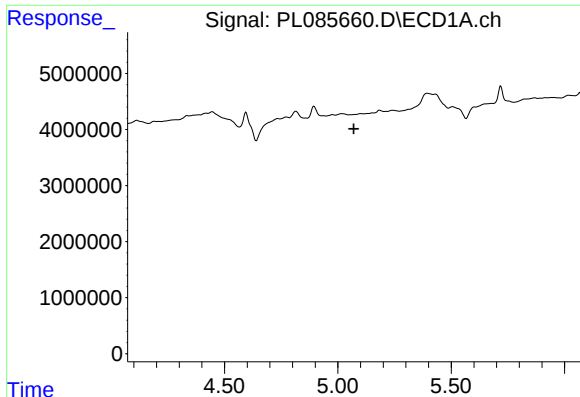
#4 Heptachlor

R.T.: 4.734 min  
Delta R.T.: 0.003 min  
Response: 300598  
Conc: 0.08 ng/ml



#4 Heptachlor

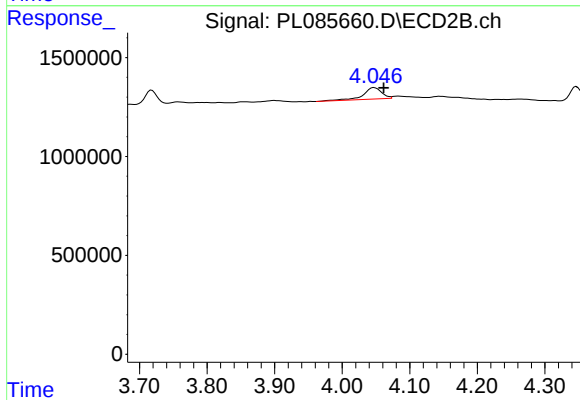
R.T.: 3.794 min  
Delta R.T.: 0.010 min  
Response: 68587  
Conc: 0.05 ng/ml



#5 Aldrin

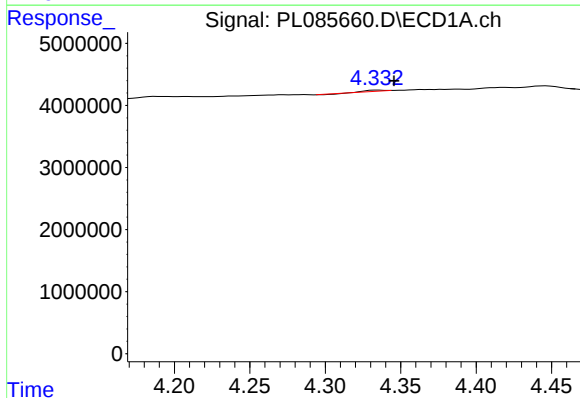
R.T.: 0.000 min  
Exp R.T.: 5.070 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



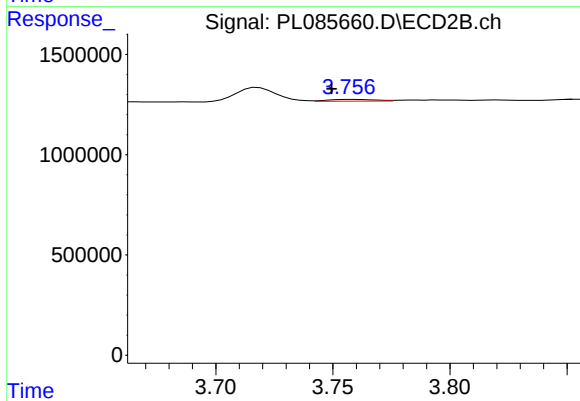
#5 Aldrin

R.T.: 4.047 min  
Delta R.T.: -0.014 min  
Response: 1106800  
Conc: 0.87 ng/ml



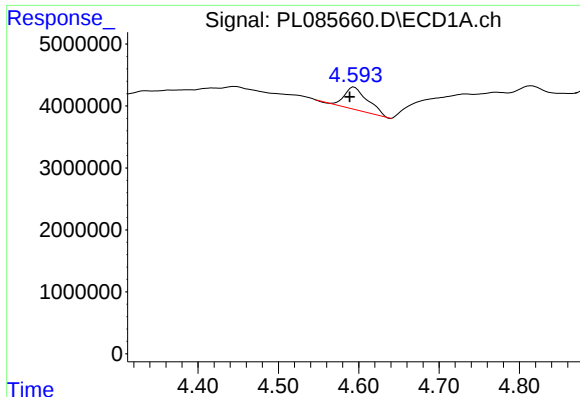
#6 beta-BHC

R.T.: 4.335 min  
Delta R.T.: -0.011 min  
Response: 84230  
Conc: 0.05 ng/ml



#6 beta-BHC

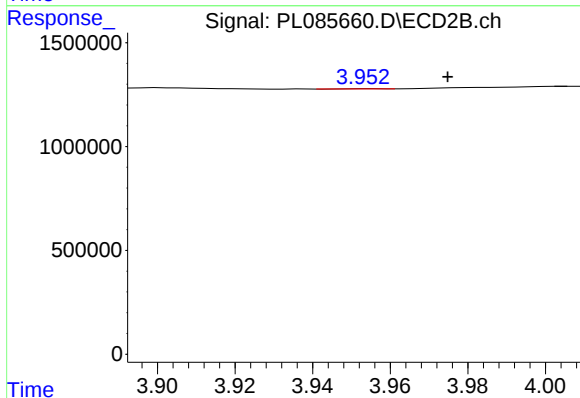
R.T.: 3.758 min  
Delta R.T.: 0.008 min  
Response: 117385  
Conc: 0.20 ng/ml



#7 delta-BHC

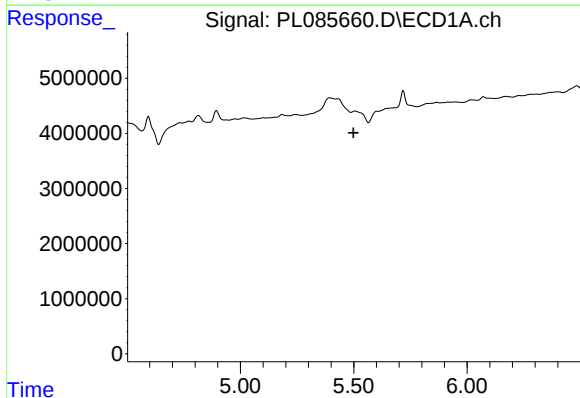
R.T.: 4.594 min  
Delta R.T.: 0.005 min  
Response: 7469033  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



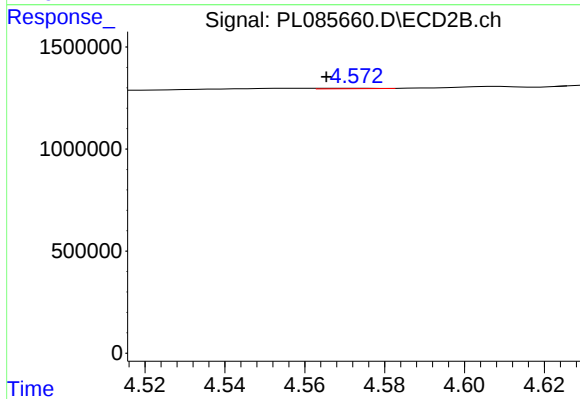
#7 delta-BHC

R.T.: 3.955 min  
Delta R.T.: -0.020 min  
Response: 2187  
Conc: 0.00 ng/ml



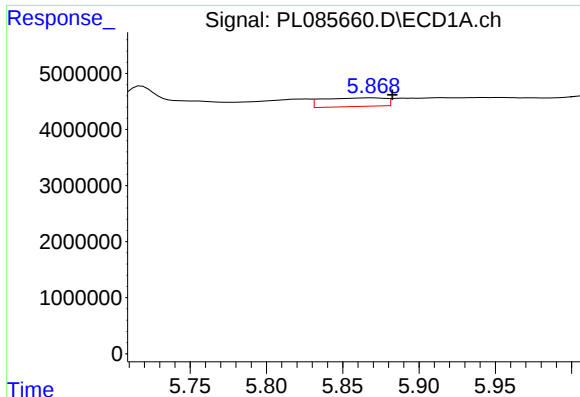
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.499 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

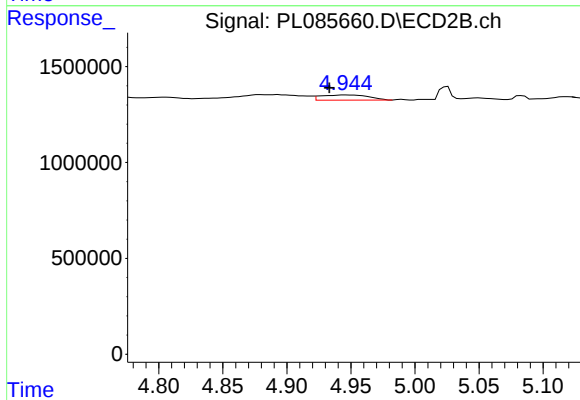
R.T.: 4.573 min  
Delta R.T.: 0.008 min  
Response: 20646  
Conc: 0.02 ng/ml



#9 Endosulfan I

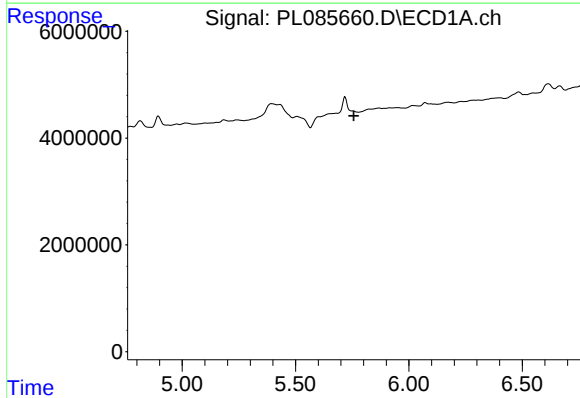
R.T.: 5.870 min  
Delta R.T.: -0.013 min  
Response: 4380923  
Conc: 1.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



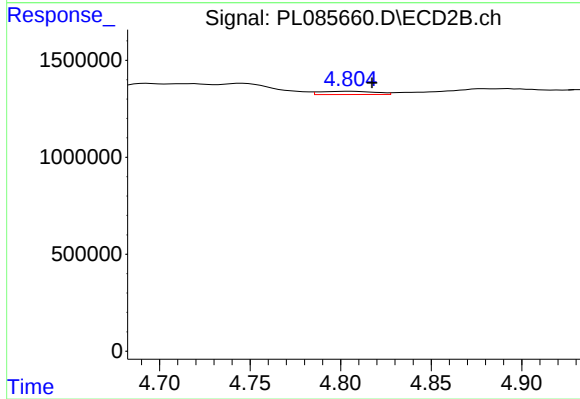
#9 Endosulfan I

R.T.: 4.946 min  
Delta R.T.: 0.013 min  
Response: 703097  
Conc: 0.62 ng/ml



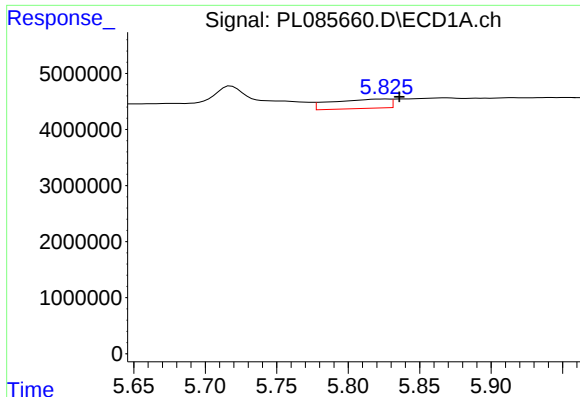
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.756 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

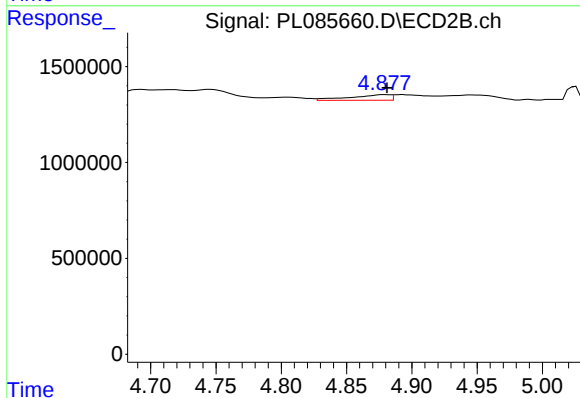
R.T.: 4.805 min  
Delta R.T.: -0.012 min  
Response: 352150  
Conc: 0.30 ng/ml



#11 alpha-Chlordane

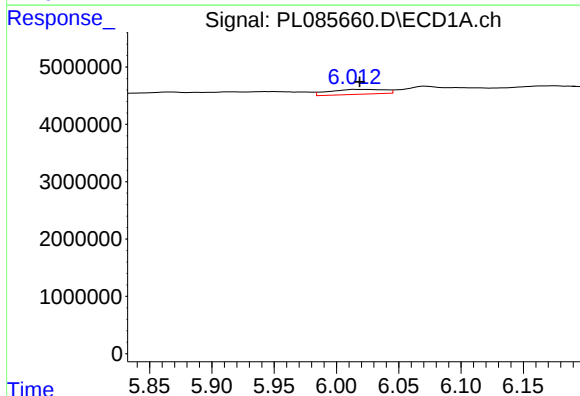
R.T.: 5.826 min  
Delta R.T.: -0.010 min  
Response: 4687129  
Conc: 1.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



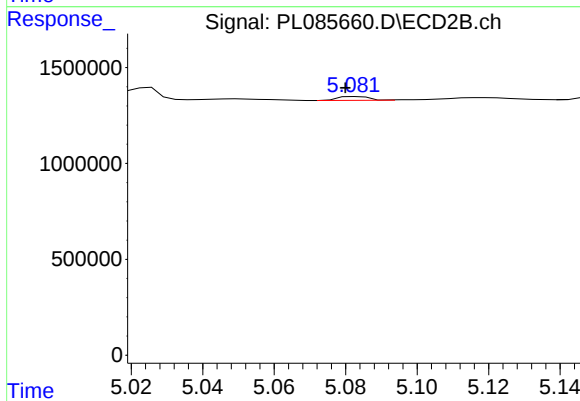
#11 alpha-Chlordane

R.T.: 4.879 min  
Delta R.T.: -0.002 min  
Response: 622849  
Conc: 0.52 ng/ml



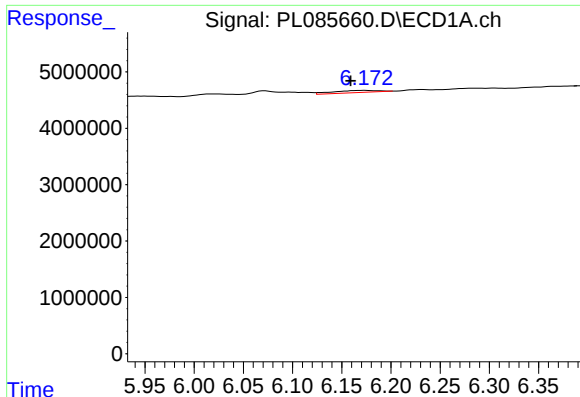
#12 4,4'-DDE

R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 2605847  
Conc: 0.85 ng/ml



#12 4,4'-DDE

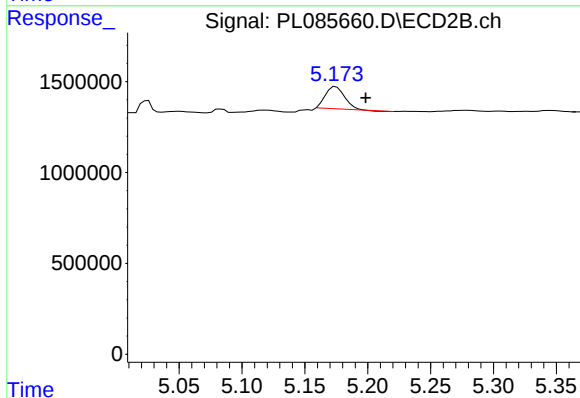
R.T.: 5.083 min  
Delta R.T.: 0.003 min  
Response: 121569  
Conc: 0.11 ng/ml



#13 Dieldrin

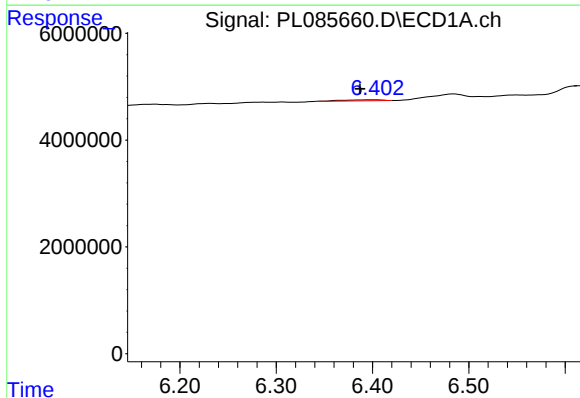
R.T.: 6.175 min  
Delta R.T.: 0.016 min  
Response: 1374868  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



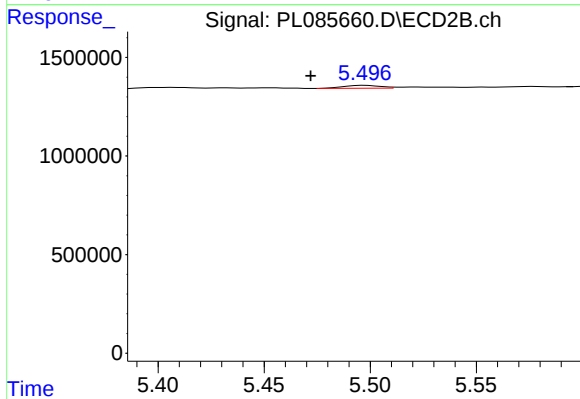
#13 Dieldrin

R.T.: 5.175 min  
Delta R.T.: -0.024 min  
Response: 1281504  
Conc: 1.11 ng/ml



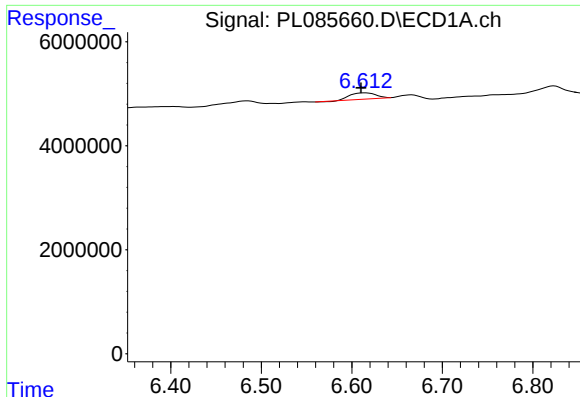
#14 Endrin

R.T.: 6.404 min  
Delta R.T.: 0.017 min  
Response: 572993  
Conc: 0.21 ng/ml



#14 Endrin

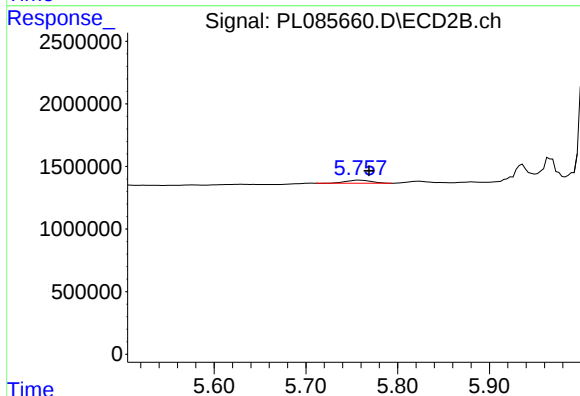
R.T.: 5.498 min  
Delta R.T.: 0.026 min  
Response: 174311  
Conc: 0.18 ng/ml



#15 Endosulfan II

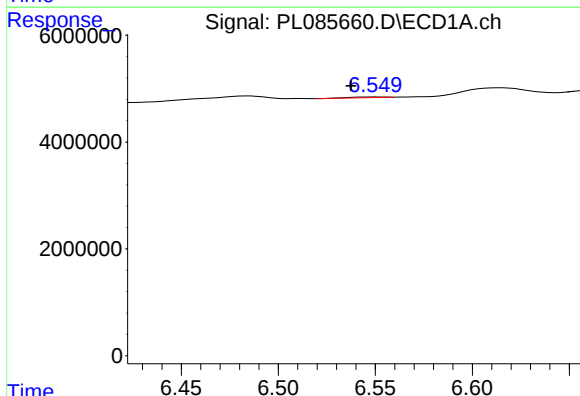
R.T.: 6.615 min  
Delta R.T.: 0.005 min  
Response: 2360006  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



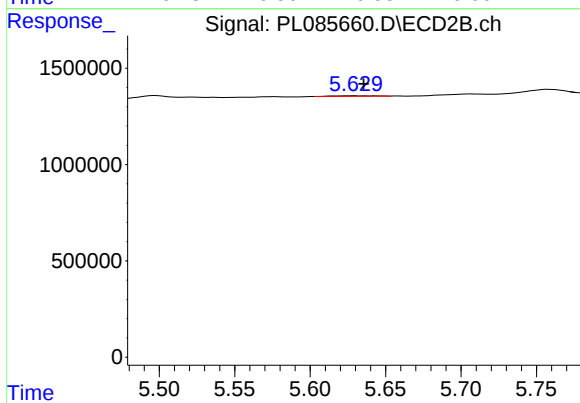
#15 Endosulfan II

R.T.: 5.758 min  
Delta R.T.: -0.010 min  
Response: 450299  
Conc: 0.42 ng/ml



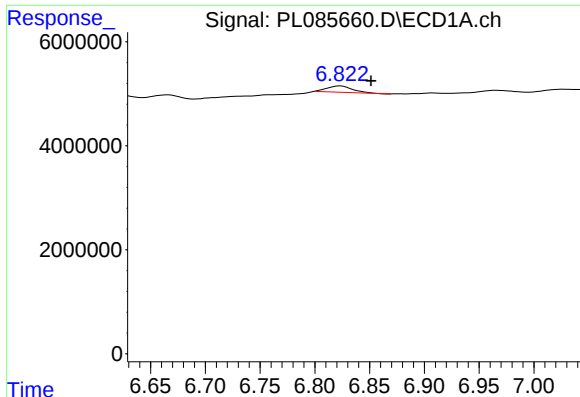
#16 4,4'-DDD

R.T.: 6.550 min  
Delta R.T.: 0.012 min  
Response: 150265  
Conc: 0.06 ng/ml



#16 4,4'-DDD

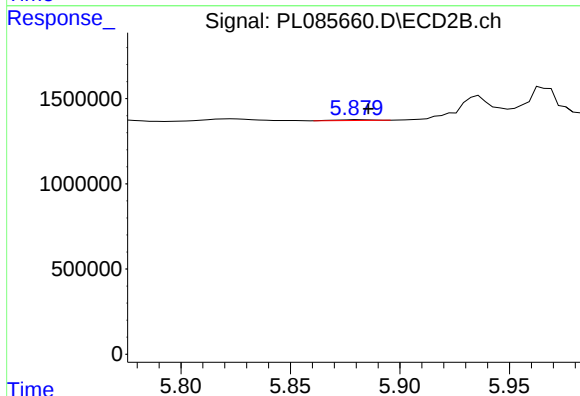
R.T.: 5.630 min  
Delta R.T.: -0.006 min  
Response: 60190  
Conc: 0.07 ng/ml



#17 4,4'-DDT

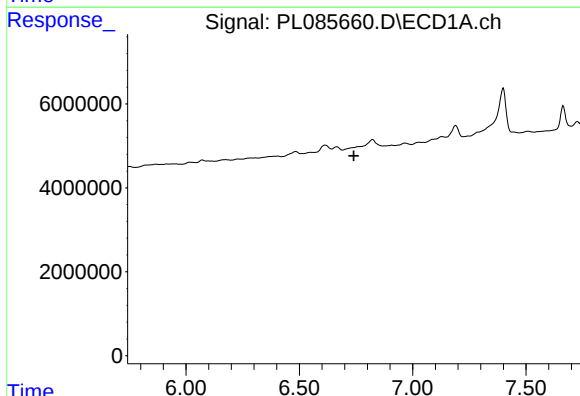
R.T.: 6.823 min  
Delta R.T.: -0.028 min  
Response: 2034280  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



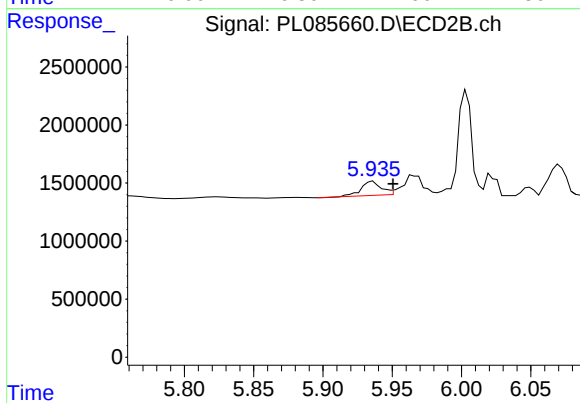
#17 4,4'-DDT

R.T.: 5.881 min  
Delta R.T.: -0.004 min  
Response: 46832  
Conc: 0.05 ng/ml



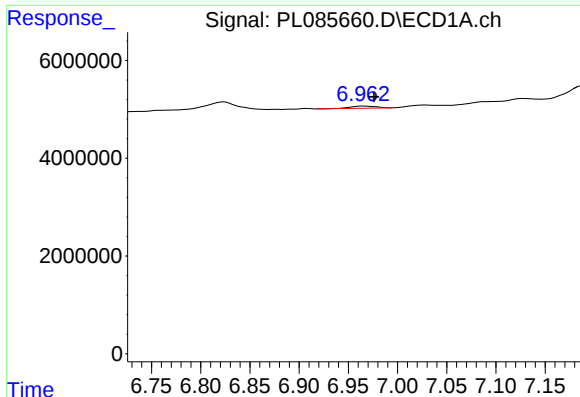
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.741 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

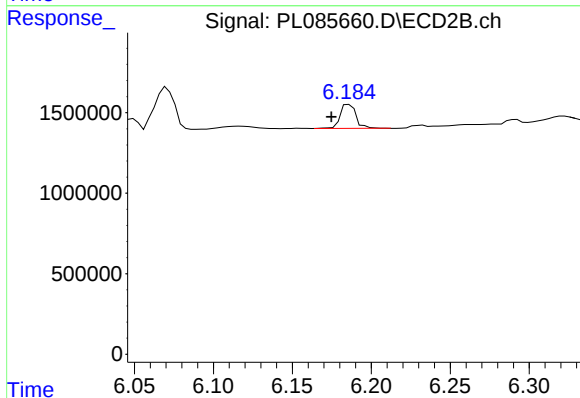
R.T.: 5.936 min  
Delta R.T.: -0.015 min  
Response: 1219244  
Conc: 1.42 ng/ml



#19 Endosulfan Sulfate

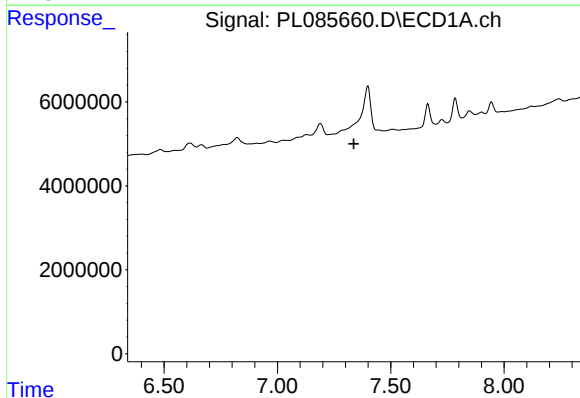
R.T.: 6.965 min  
Delta R.T.: -0.011 min  
Response: 805513  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



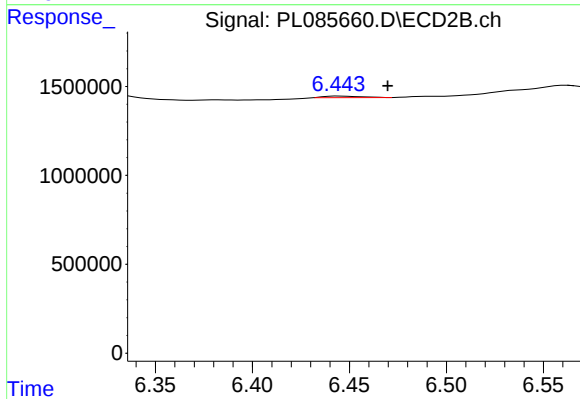
#19 Endosulfan Sulfate

R.T.: 6.186 min  
Delta R.T.: 0.011 min  
Response: 1045454  
Conc: 1.08 ng/ml



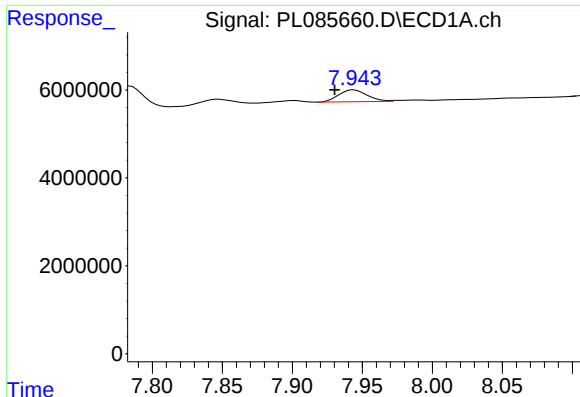
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.336 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

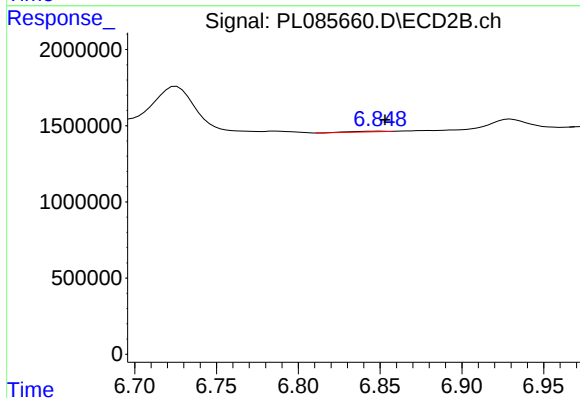
R.T.: 6.445 min  
Delta R.T.: -0.025 min  
Response: 119951  
Conc: 0.24 ng/ml



#22 Mirex

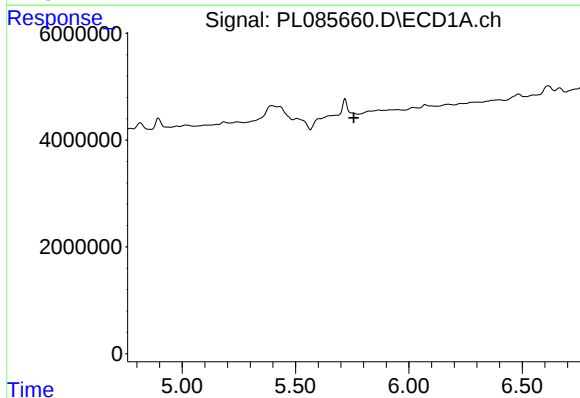
R.T.: 7.944 min  
Delta R.T.: 0.014 min  
Response: 3862591  
Conc: 1.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



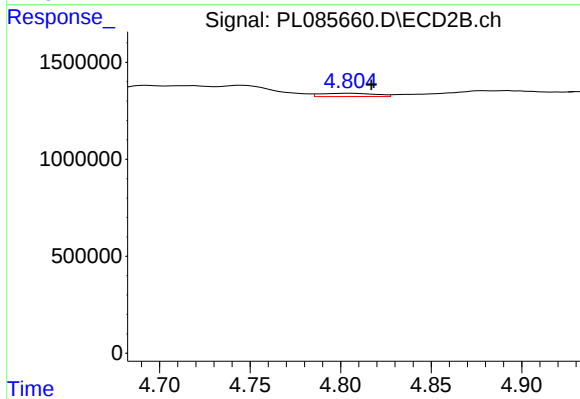
#22 Mirex

R.T.: 6.849 min  
Delta R.T.: -0.004 min  
Response: 45126  
Conc: 0.05 ng/ml



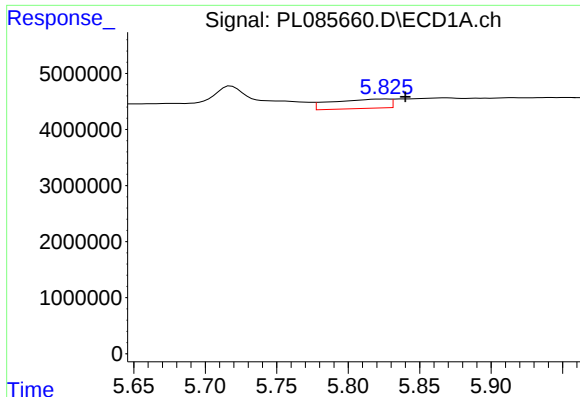
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.758 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

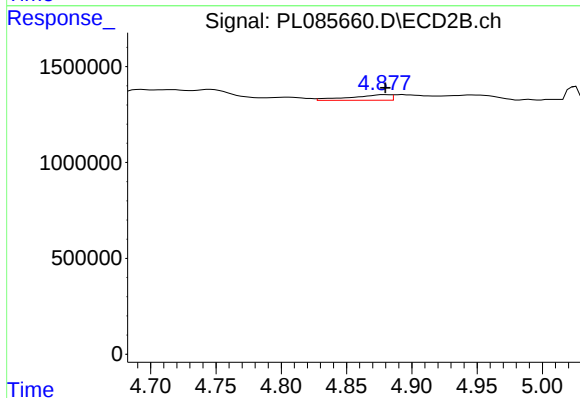
R.T.: 4.805 min  
Delta R.T.: -0.012 min  
Response: 352150  
Conc: 3.16 ng/ml



#26 Chlordane-4

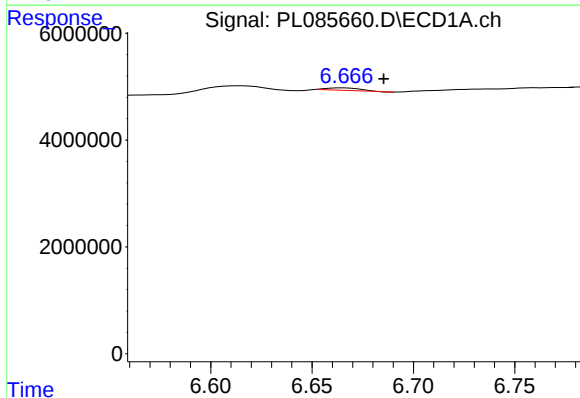
R.T.: 5.826 min  
Delta R.T.: -0.014 min  
Response: 4687129  
Conc: 7.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



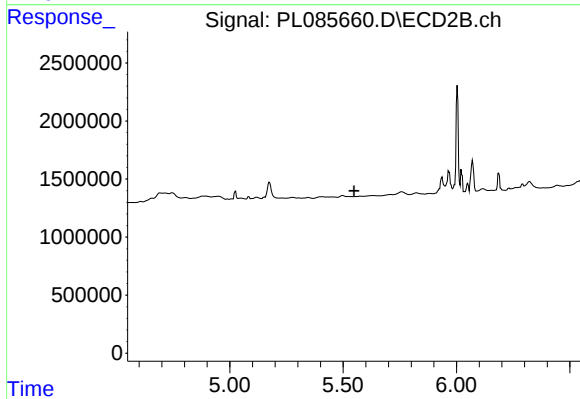
#26 Chlordane-4

R.T.: 4.879 min  
Delta R.T.: 0.000 min  
Response: 622849  
Conc: 5.13 ng/ml



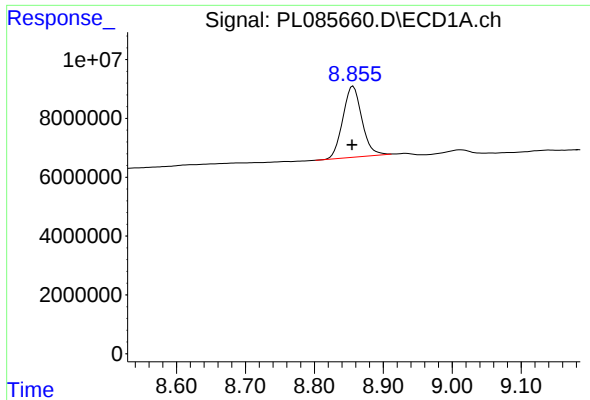
#27 Chlordane-5

R.T.: 6.666 min  
Delta R.T.: -0.020 min  
Response: 556340  
Conc: 6.25 ng/ml



#27 Chlordane-5

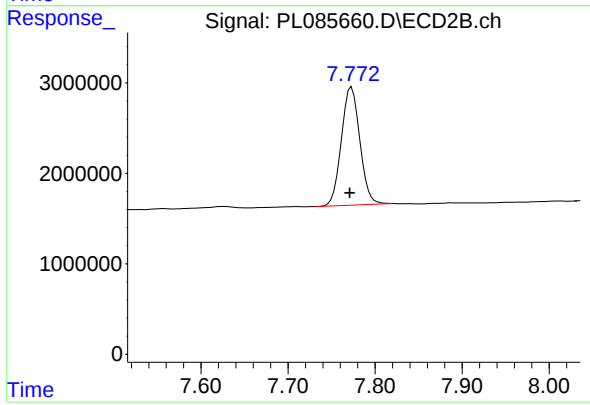
R.T.: 5.577 min  
Delta R.T.: 0.028 min  
Response: -10097  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.856 min  
Delta R.T.: 0.002 min  
Response: 46581847  
Conc: 17.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: 0.002 min  
Response: 19263778  
Conc: 20.57 ng/ml