

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080823\  
 Data File : PL084583.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2023 16:07  
 Operator : AR\AJ  
 Sample : 03929-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 00:12:18 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  | 41132915 | 19868720 | 17.703 | 18.272    |
| 28)                         | SA Decachlor... | 9.028  | 7.868  | 24207772 | 18604930 | 14.878 | 14.922    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.216f | 0        | 78237    | N.D.   | 0.051 #   |
| 3)                          | MA gamma-BHC... | 4.245f | 3.522  | 683086   | 178453   | 0.214  | 0.117 #   |
| 4)                          | MA Heptachlor   | 4.888f | 3.838f | 3984130  | -161482  | 1.185  | N.D. #    |
| 5)                          | MB Aldrin       | 0.000  | 4.120f | 0        | 32718    | N.D.   | 0.023 #   |
| 6)                          | B beta-BHC      | 4.487f | 3.838  | 1741079  | -161482  | 1.246  | N.D. #    |
| 7)                          | B delta-BHC     | 4.715  | 4.043  | 4298658  | 104128   | 1.333  | 0.069 #   |
| 8)                          | B Heptachlo...  | 5.636  | 4.648  | 1914679  | 217632   | 0.636  | 0.164 #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.043f | 0        | 662842   | N.D.   | 0.535 #   |
| 10)                         | B gamma-Chl...  | 5.891  | 4.900  | 1168793  | 588994   | 0.408  | 0.434     |
| 11)                         | B alpha-Chl...  | 5.971  | 4.966  | 2185834  | 1095546  | 0.774  | 0.804     |
| 12)                         | B 4,4'-DDE      | 6.151  | 5.164  | 237667   | 376900   | 0.104  | 0.306 #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.294  | 0        | 801365   | N.D.   | 0.590 #   |
| 14)                         | MA Endrin       | 0.000  | 5.557  | 0        | 47079    | N.D.   | 0.038 #   |
| 15)                         | B Endosulfa...  | 6.736  | 5.839f | 44796461 | 30525655 | 21.180 | 25.299    |
| 16)                         | A 4,4'-DDD      | 6.653  | 0.000  | 472885   | 0        | 0.282  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.968f | 5.969  | 3672358  | 112999   | 1.960  | 0.097 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.573  | 0        | 444152   | N.D.   | 0.647 #   |
| 22)                         | Mirex           | 0.000  | 6.953  | 0        | 261663   | N.D.   | 0.227 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.678  | 0        | 61433    | N.D.   | 1.603 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.270  | 0        | 174602   | N.D.   | 3.486 #   |
| 25)                         | Chlordane-3     | 5.891  | 4.900  | 1168793  | 588994   | 2.898  | 4.252 #   |
| 26)                         | Chlordane-4     | 5.971  | 4.966  | 2185834  | 1095546  | 4.513  | 7.633 #   |
| 27)                         | Chlordane-5     | 6.795f | 5.839f | 304371   | 30525655 | 4.089  | 599.353 # |
| -----                       |                 |        |        |          |          |        |           |

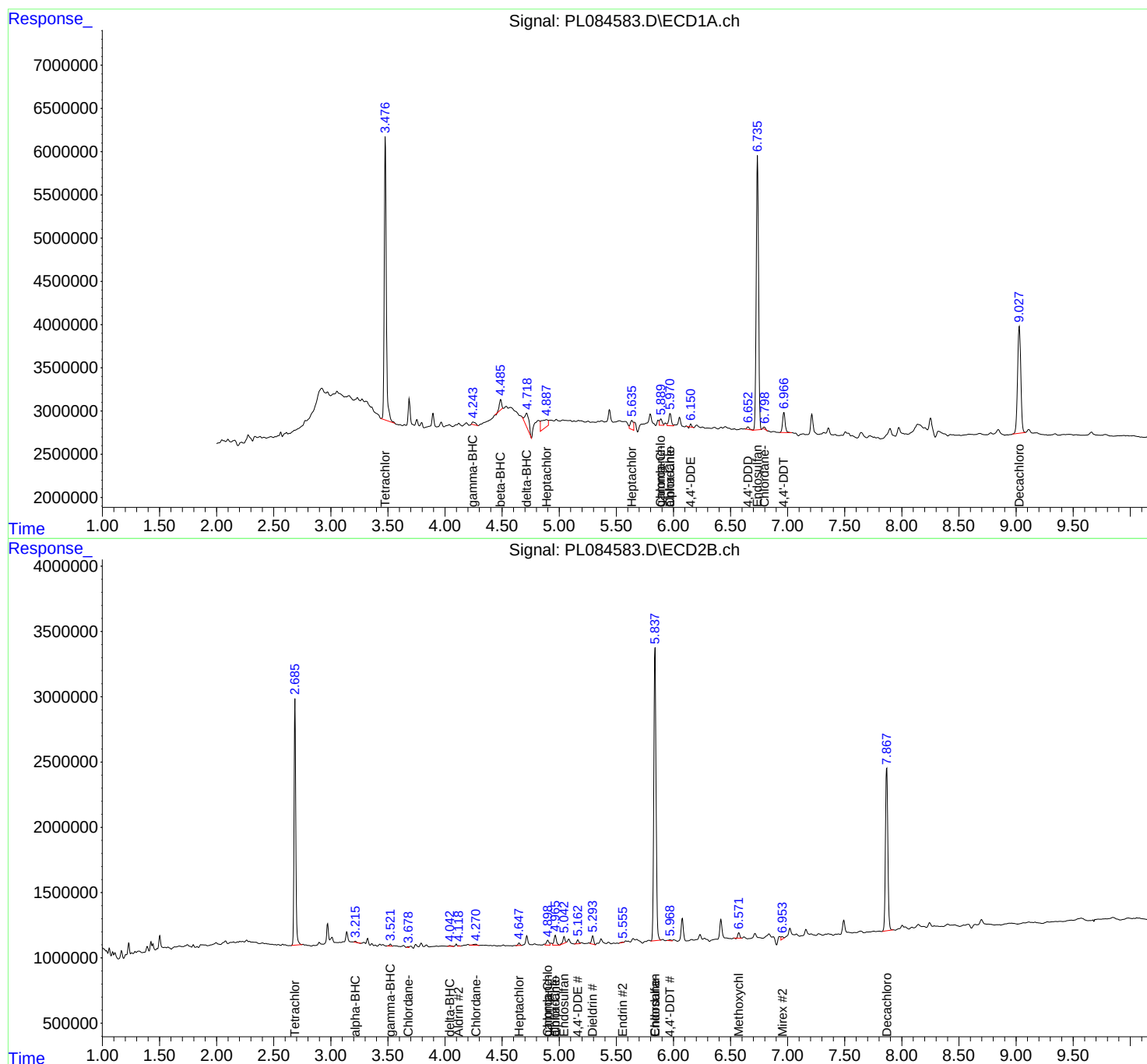
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

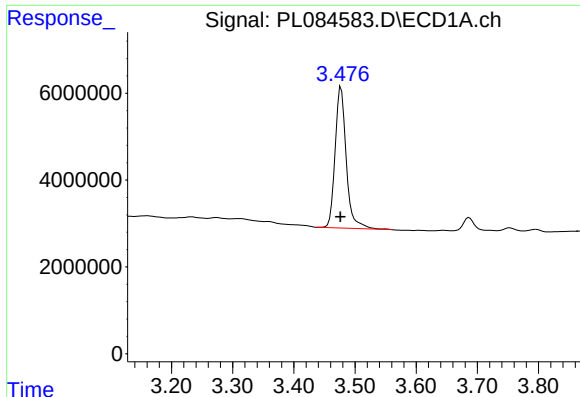
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080823\  
Data File : PL084583.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2023 16:07  
Operator : AR\AJ  
Sample : 03929-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 00:12:18 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

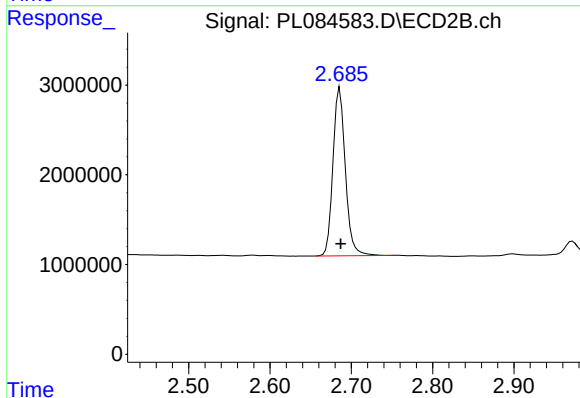




#1 Tetrachloro-m-xylene

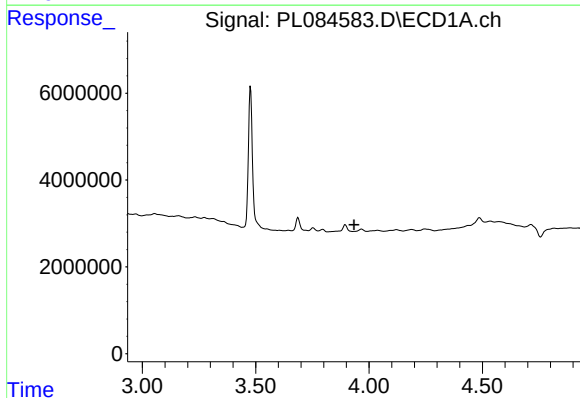
R.T.: 3.477 min  
Delta R.T.: 0.001 min  
Response: 41132915  
Conc: 17.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



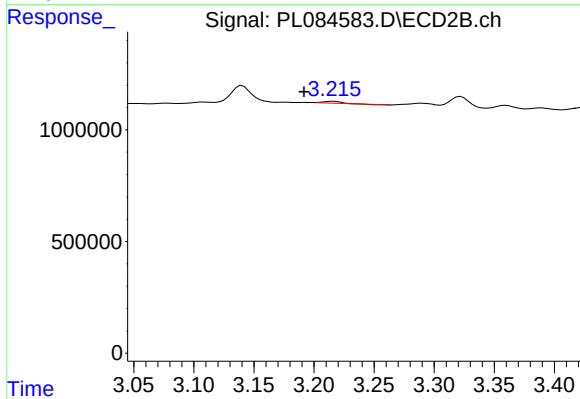
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: 0.000 min  
Response: 19868720  
Conc: 18.27 ng/ml



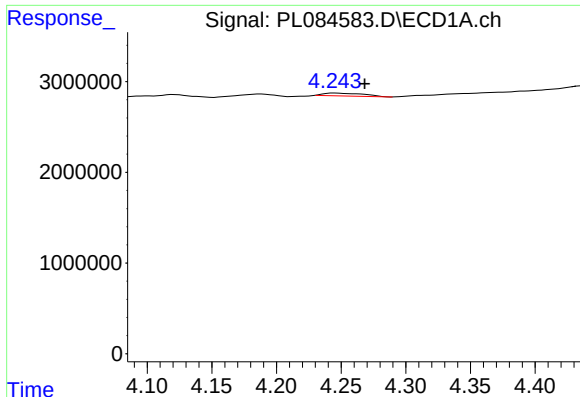
#2 alpha-BHC

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



#2 alpha-BHC

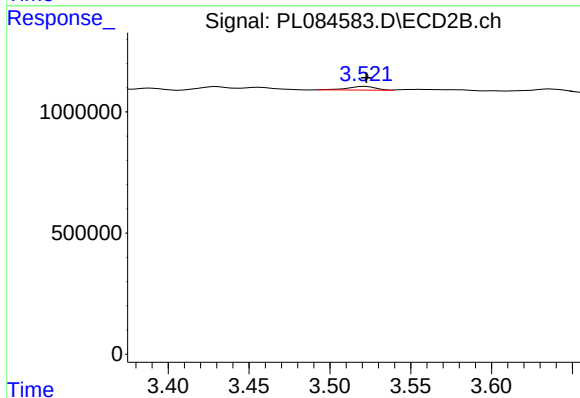
R.T.: 3.216 min  
Delta R.T.: 0.024 min  
Response: 78237  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

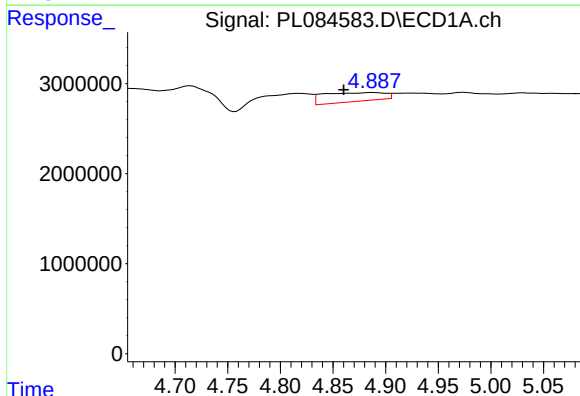
R.T.: 4.245 min  
Delta R.T.: -0.023 min  
Response: 683086  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



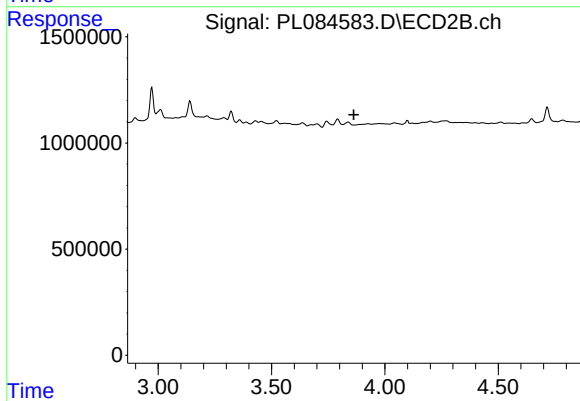
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: 0.000 min  
Response: 178453  
Conc: 0.12 ng/ml



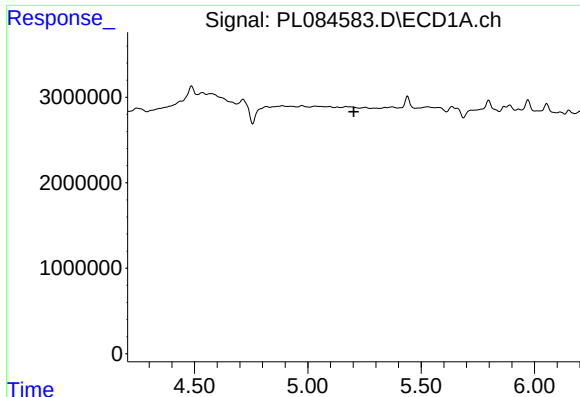
#4 Heptachlor

R.T.: 4.888 min  
Delta R.T.: 0.028 min  
Response: 3984130  
Conc: 1.18 ng/ml



#4 Heptachlor

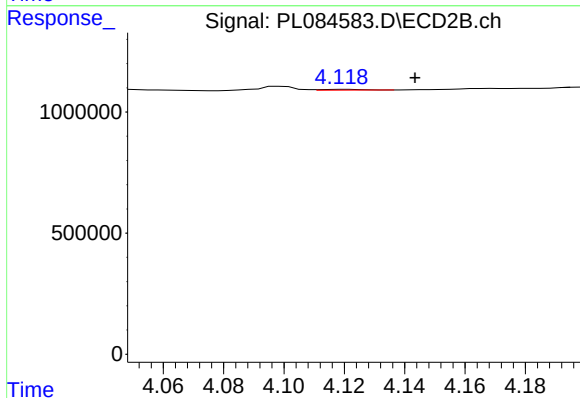
R.T.: 3.838 min  
Delta R.T.: -0.025 min  
Response: -161482  
Conc: N.D.



#5 Aldrin

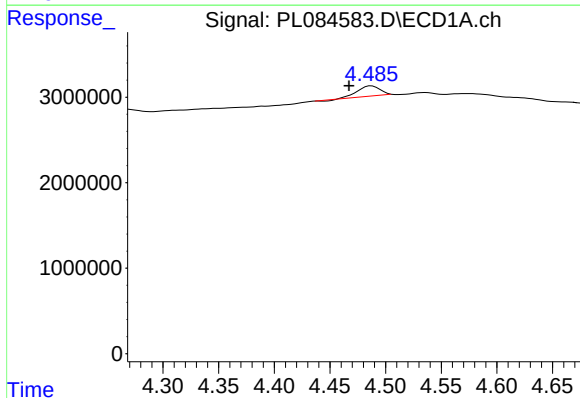
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



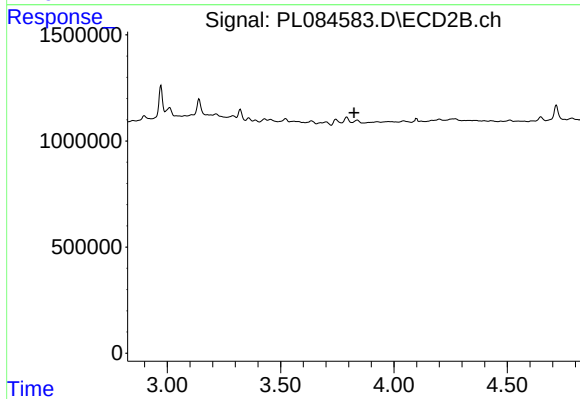
#5 Aldrin

R.T.: 4.120 min  
Delta R.T.: -0.023 min  
Response: 32718  
Conc: 0.02 ng/ml



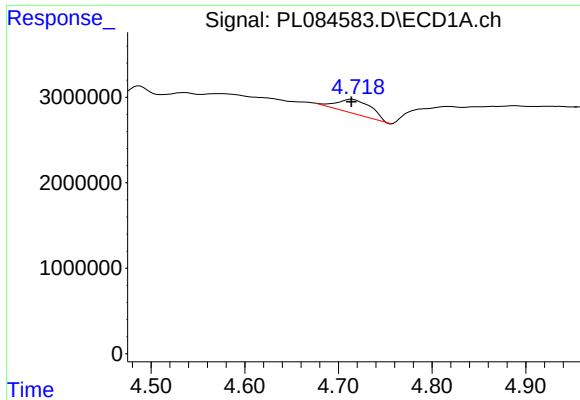
#6 beta-BHC

R.T.: 4.487 min  
Delta R.T.: 0.020 min  
Response: 1741079  
Conc: 1.25 ng/ml



#6 beta-BHC

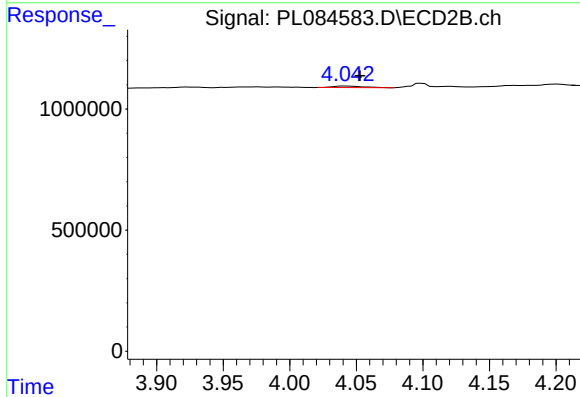
R.T.: 3.838 min  
Delta R.T.: 0.014 min  
Response: -161482  
Conc: N.D.



#7 delta-BHC

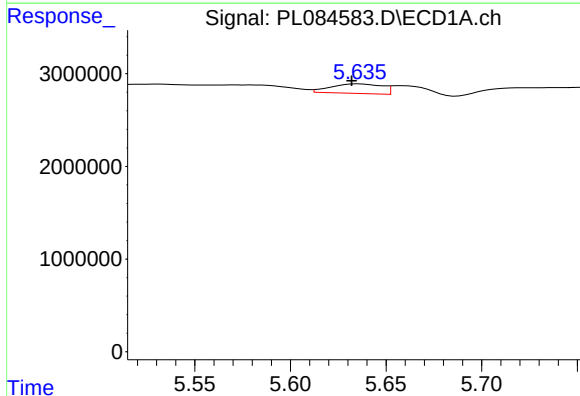
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 4298658  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



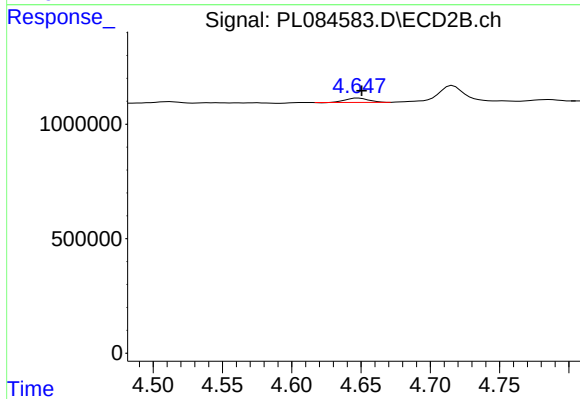
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: -0.010 min  
Response: 104128  
Conc: 0.07 ng/ml



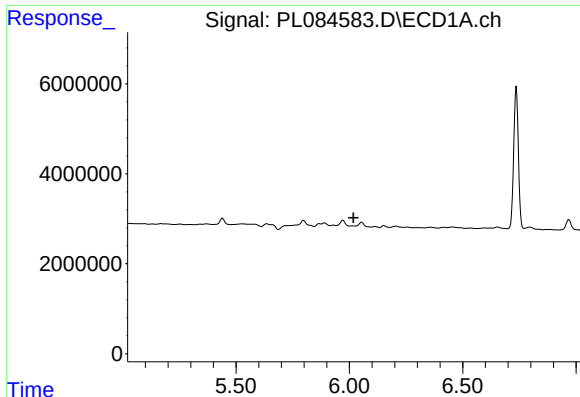
#8 Heptachlor epoxide

R.T.: 5.636 min  
Delta R.T.: 0.004 min  
Response: 1914679  
Conc: 0.64 ng/ml



#8 Heptachlor epoxide

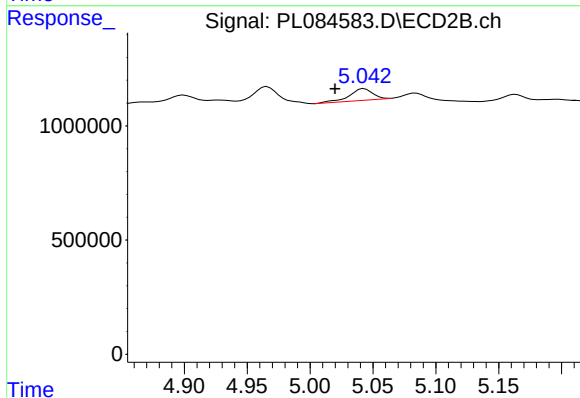
R.T.: 4.648 min  
Delta R.T.: -0.002 min  
Response: 217632  
Conc: 0.16 ng/ml



#9 Endosulfan I

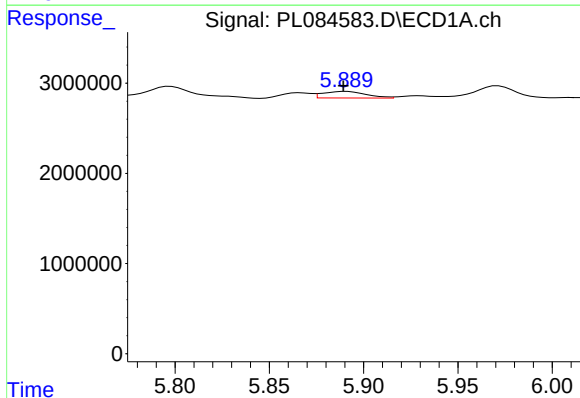
R.T.: 0.000 min  
Exp R.T.: 6.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



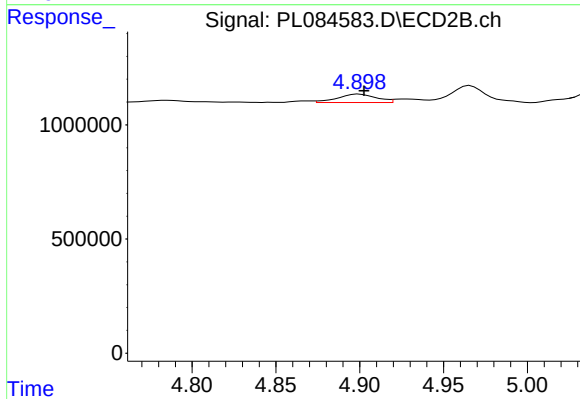
#9 Endosulfan I

R.T.: 5.043 min  
Delta R.T.: 0.023 min  
Response: 662842  
Conc: 0.53 ng/ml



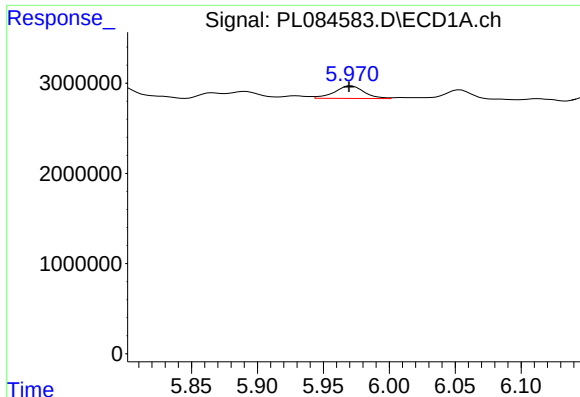
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.002 min  
Response: 1168793  
Conc: 0.41 ng/ml



#10 gamma-Chlordane

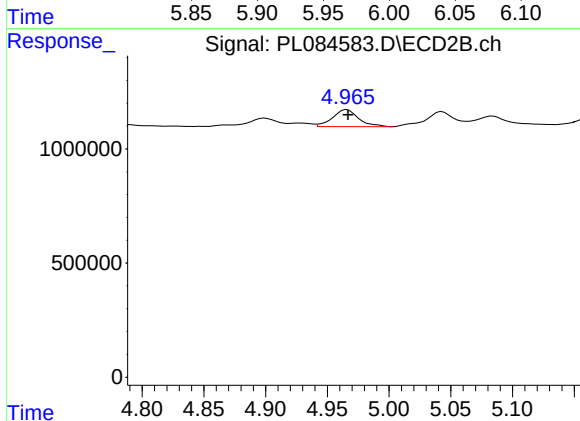
R.T.: 4.900 min  
Delta R.T.: -0.003 min  
Response: 588994  
Conc: 0.43 ng/ml



#11 alpha-Chlordane

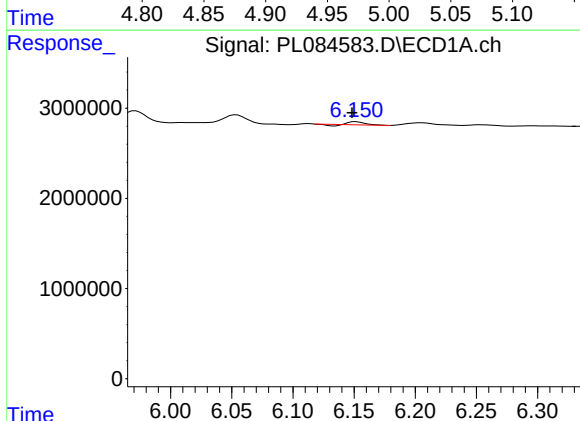
R.T.: 5.971 min  
Delta R.T.: 0.002 min  
Response: 2185834  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



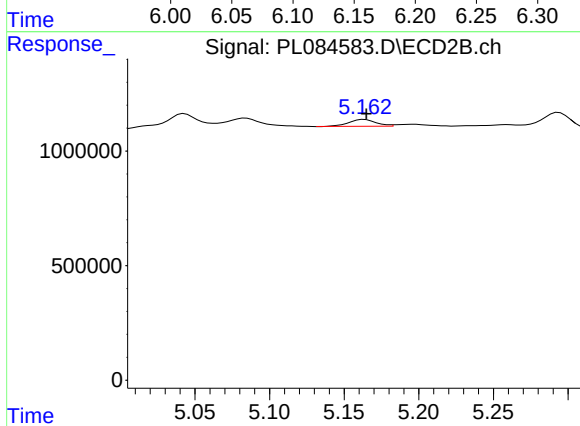
#11 alpha-Chlordane

R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 1095546  
Conc: 0.80 ng/ml



#12 4,4'-DDE

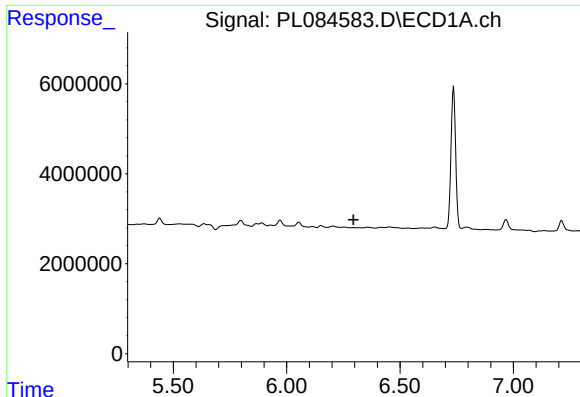
R.T.: 6.151 min  
Delta R.T.: 0.003 min  
Response: 237667  
Conc: 0.10 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min  
Delta R.T.: -0.002 min  
Response: 376900  
Conc: 0.31 ng/ml

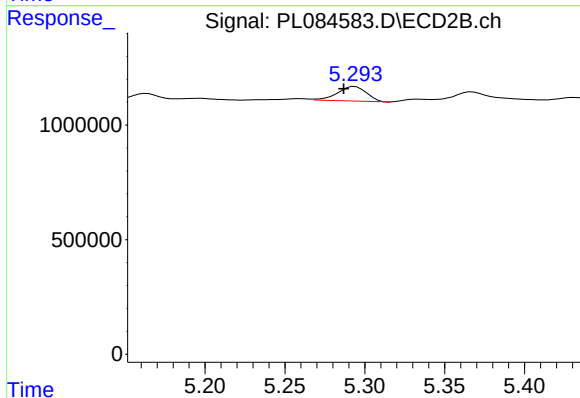




#13 Dieldrin

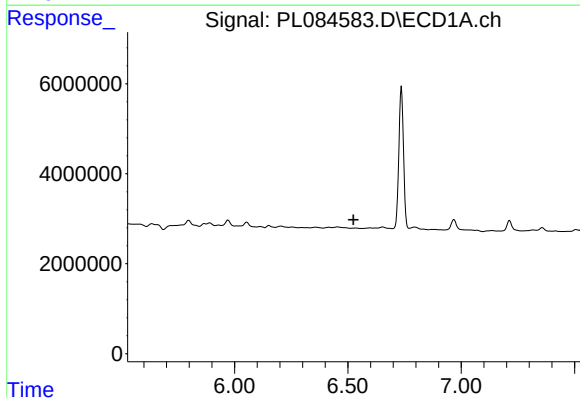
R.T.: 0.000 min  
Exp R.T. : 6.295 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



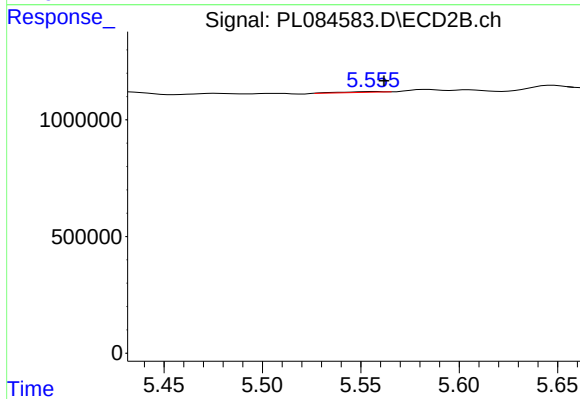
#13 Dieldrin

R.T.: 5.294 min  
Delta R.T.: 0.007 min  
Response: 801365  
Conc: 0.59 ng/ml



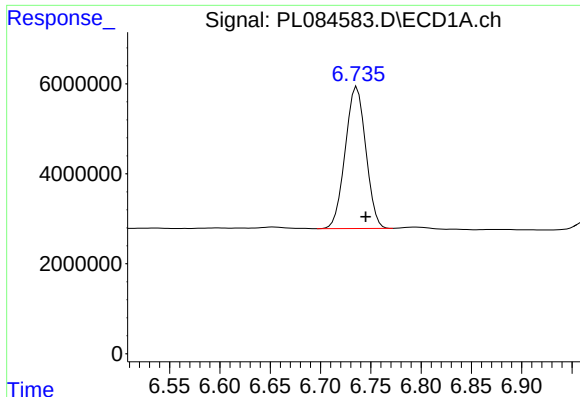
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.525 min  
Response: 0  
Conc: N.D.



#14 Endrin

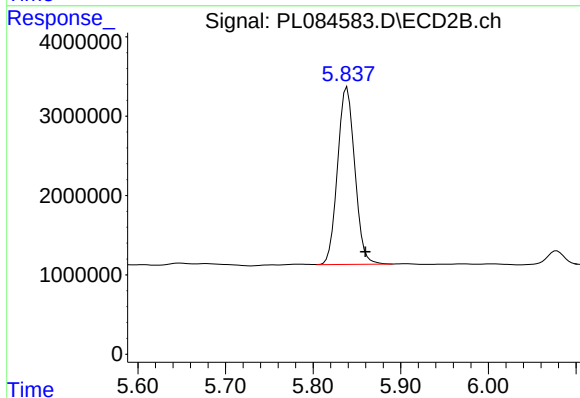
R.T.: 5.557 min  
Delta R.T.: -0.005 min  
Response: 47079  
Conc: 0.04 ng/ml



#15 Endosulfan II

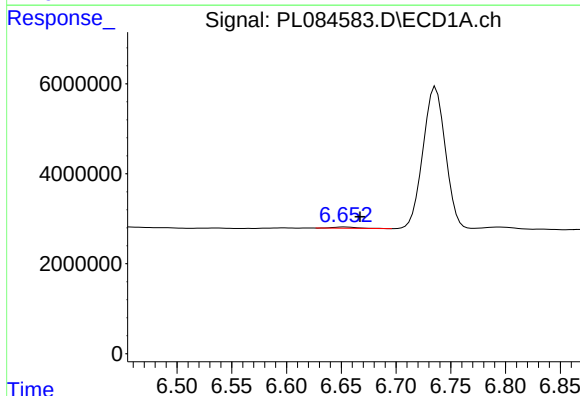
R.T.: 6.736 min  
Delta R.T.: -0.009 min  
Response: 44796461  
Conc: 21.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



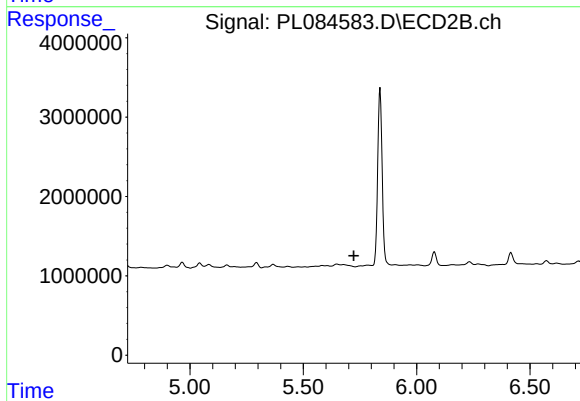
#15 Endosulfan II

R.T.: 5.839 min  
Delta R.T.: -0.021 min  
Response: 30525655  
Conc: 25.30 ng/ml



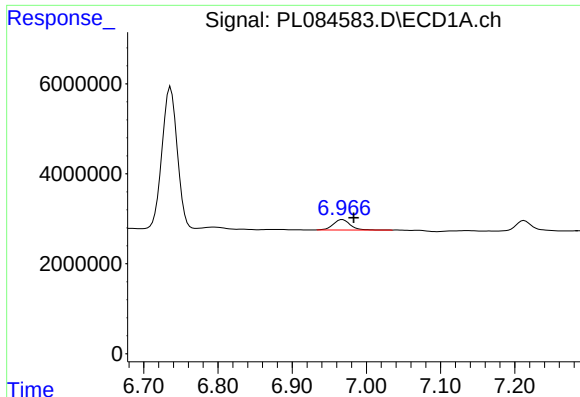
#16 4,4'-DDD

R.T.: 6.653 min  
Delta R.T.: -0.014 min  
Response: 472885  
Conc: 0.28 ng/ml



#16 4,4'-DDD

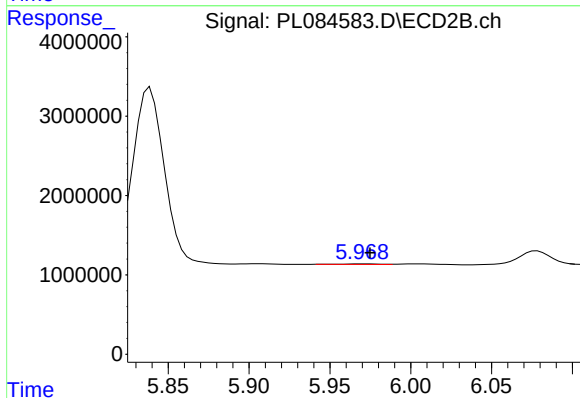
R.T.: 0.000 min  
Exp R.T. : 5.723 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

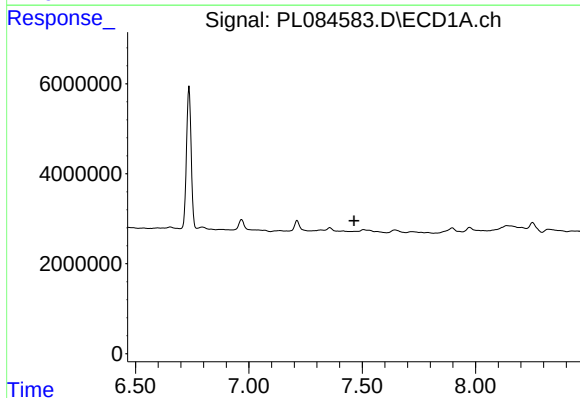
R.T.: 6.968 min  
Delta R.T.: -0.015 min  
Response: 3672358  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



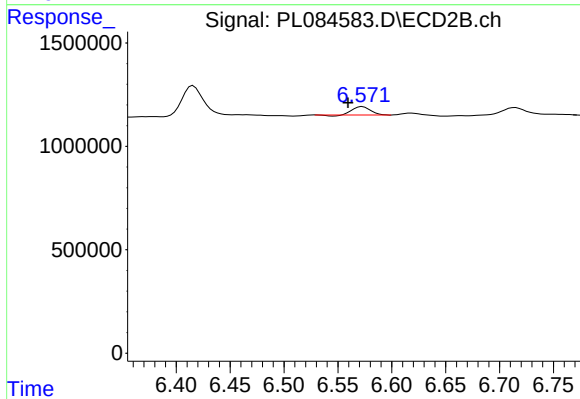
#17 4,4'-DDT

R.T.: 5.969 min  
Delta R.T.: -0.006 min  
Response: 112999  
Conc: 0.10 ng/ml



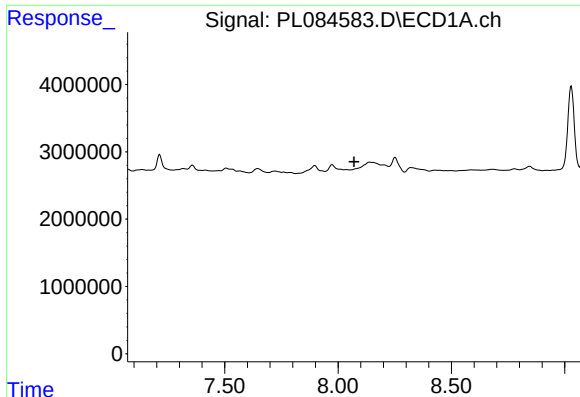
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.464 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

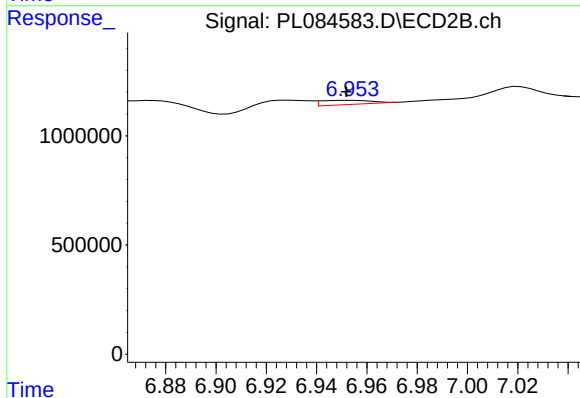
R.T.: 6.573 min  
Delta R.T.: 0.013 min  
Response: 444152  
Conc: 0.65 ng/ml



#22 Mirex

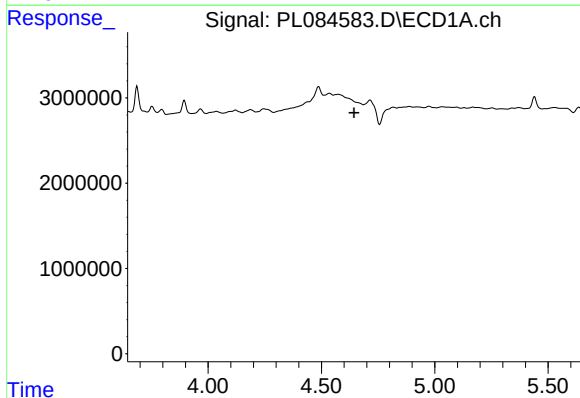
R.T.: 0.000 min  
Exp R.T. : 8.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



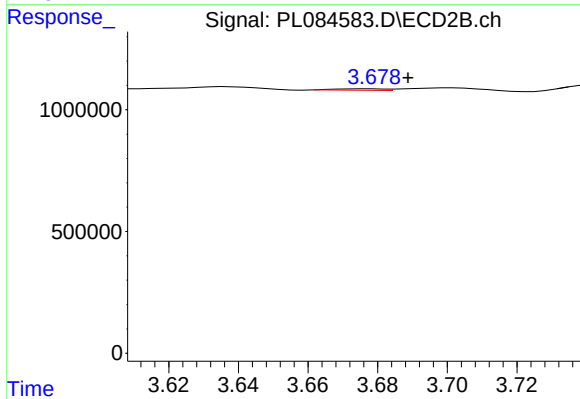
#22 Mirex

R.T.: 6.953 min  
Delta R.T.: 0.001 min  
Response: 261663  
Conc: 0.23 ng/ml



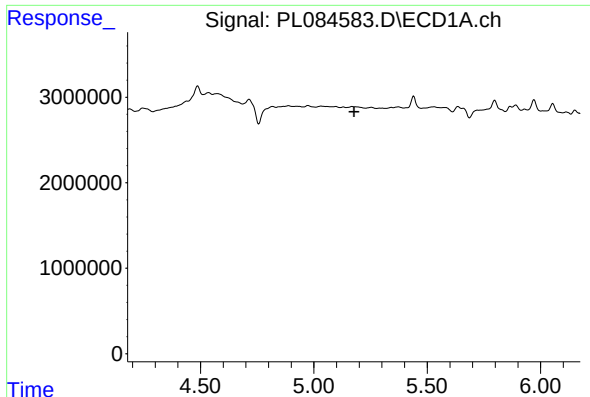
#23 Chlordane-1

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



#23 Chlordane-1

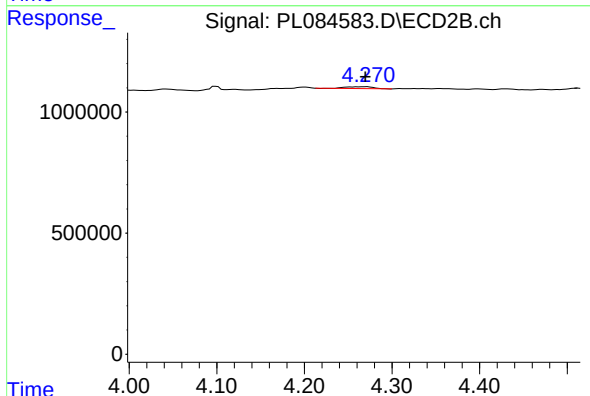
R.T.: 3.678 min  
Delta R.T.: -0.011 min  
Response: 61433  
Conc: 1.60 ng/ml



#24 Chlordane-2

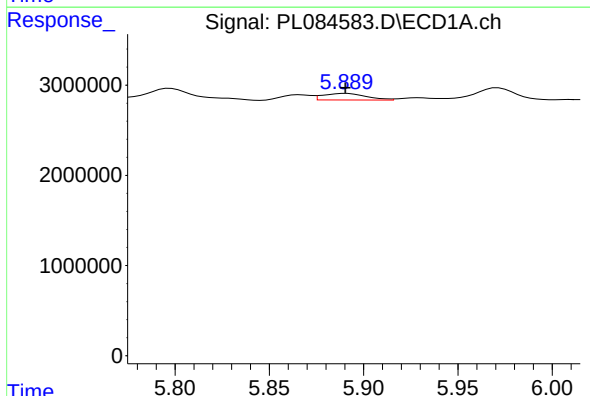
R.T.: 0.000 min  
Exp R.T.: 5.177 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



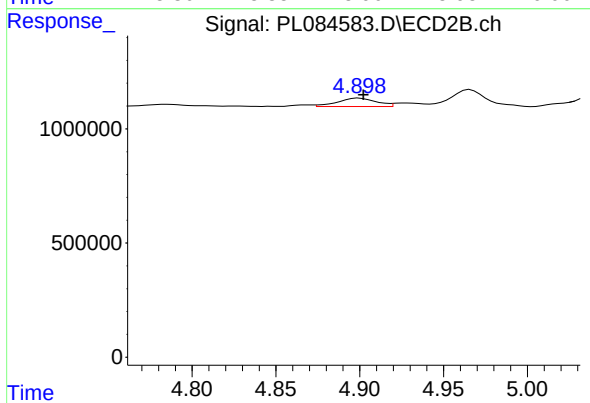
#24 Chlordane-2

R.T.: 4.270 min  
Delta R.T.: 0.000 min  
Response: 174602  
Conc: 3.49 ng/ml



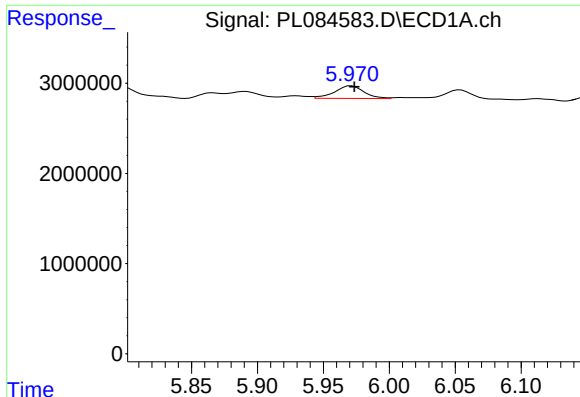
#25 Chlordane-3

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 1168793  
Conc: 2.90 ng/ml



#25 Chlordane-3

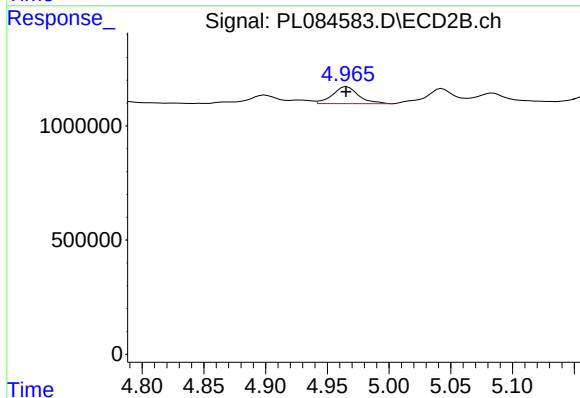
R.T.: 4.900 min  
Delta R.T.: -0.003 min  
Response: 588994  
Conc: 4.25 ng/ml



#26 Chlordane-4

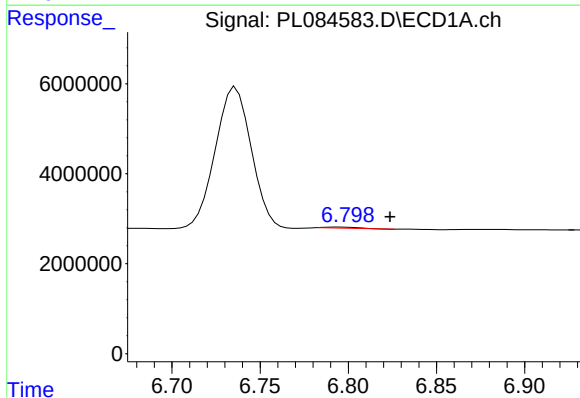
R.T.: 5.971 min  
Delta R.T.: -0.002 min  
Response: 2185834  
Conc: 4.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



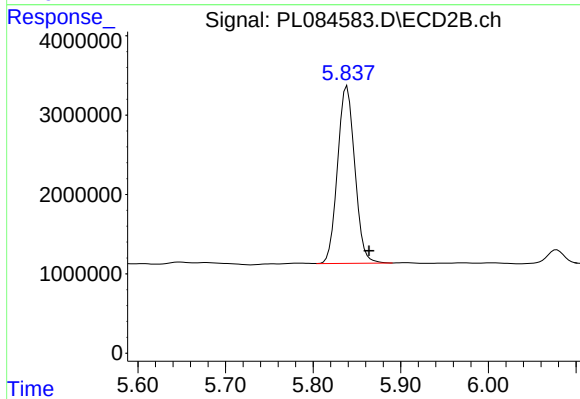
#26 Chlordane-4

R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 1095546  
Conc: 7.63 ng/ml



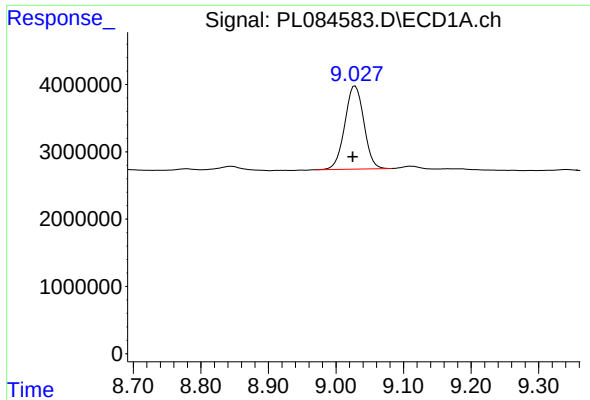
#27 Chlordane-5

R.T.: 6.795 min  
Delta R.T.: -0.029 min  
Response: 304371  
Conc: 4.09 ng/ml



#27 Chlordane-5

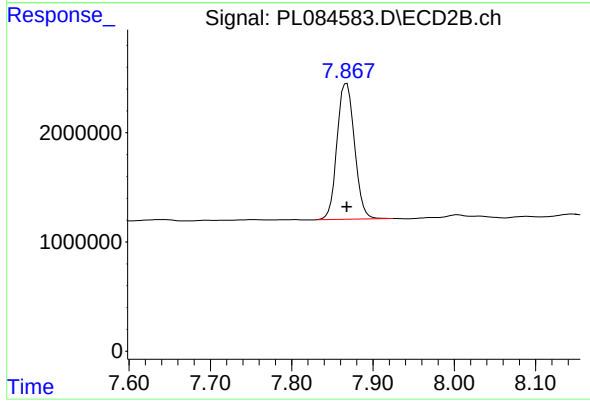
R.T.: 5.839 min  
Delta R.T.: -0.025 min  
Response: 30525655  
Conc: 599.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: 0.003 min  
Response: 24207772  
Conc: 14.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 18604930  
Conc: 14.92 ng/ml