

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082823\  
 Data File : PL085014.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2023 11:37  
 Operator : AR\AJ  
 Sample : 04183-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 28 22:06:22 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... | 3.476  | 2.684  | 16887359 | 9095112 | 7.268 | 8.364   |
| 2)                          | SA Decachlor... | 9.026  | 7.864  | 14105825 | 9502128 | 8.669 | 7.621   |
| Target Compounds            |                 |        |        |          |         |       |         |
| 2)                          | A alpha-BHC     | 3.921  | 3.217f | 280690   | 41697   | 0.085 | 0.027 # |
| 3)                          | MA gamma-BHC... | 4.270  | 3.552f | 100286   | 121410  | 0.031 | 0.080 # |
| 4)                          | MA Heptachlor   | 4.840f | 3.881f | 2483434  | 602790  | 0.738 | 0.423 # |
| 5)                          | MB Aldrin       | 0.000  | 4.156  | 0        | 184948  | N.D.  | 0.127 # |
| 6)                          | B beta-BHC      | 0.000  | 3.836  | 0        | 211990  | N.D.  | 0.316 # |
| 7)                          | B delta-BHC     | 0.000  | 4.048  | 0        | 94503   | N.D.  | 0.062 # |
| 8)                          | B Heptachlo...  | 5.628  | 4.646  | 752152   | 31915   | 0.250 | 0.024 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.029  | 0        | 74410   | N.D.  | 0.060 # |
| 10)                         | B gamma-Chl...  | 5.865f | 4.908  | 357161   | 209889  | 0.125 | 0.155   |
| 11)                         | B alpha-Chl...  | 0.000  | 4.950f | 0        | 214871  | N.D.  | 0.158 # |
| 12)                         | B 4,4'-DDE      | 6.150  | 5.155  | 259175   | 375930  | 0.113 | 0.305 # |
| 14)                         | MA Endrin       | 0.000  | 5.585f | 0        | 89004   | N.D.  | 0.073 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.852  | 0        | 106061  | N.D.  | 0.088 # |
| 16)                         | A 4,4'-DDD      | 6.678  | 0.000  | 439584   | 0       | 0.262 | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.954f | 5.965  | 284057   | 186411  | 0.152 | 0.161   |
| 18)                         | B Endrin al...  | 0.000  | 6.013f | 0        | 53530   | N.D.  | 0.054 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.262  | 0        | 35501   | N.D.  | 0.030 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.579f | 0        | 14079   | N.D.  | 0.021 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.780  | 0        | 3901    | N.D.  | 0.003 # |
| 22)                         | Mirex           | 8.091f | 6.938  | 79983    | 15307   | 0.048 | 0.013 # |
| 23)                         | Chlordane-1     | 0.000  | 3.678  | 0        | 32224   | N.D.  | 0.841 # |
| 24)                         | Chlordane-2     | 0.000  | 4.277  | 0        | 60825   | N.D.  | 1.214 # |
| 25)                         | Chlordane-3     | 5.865f | 4.908  | 357161   | 209889  | 0.886 | 1.515 # |
| 26)                         | Chlordane-4     | 0.000  | 4.950f | 0        | 214871  | N.D.  | 1.497 # |
| 27)                         | Chlordane-5     | 0.000  | 5.852  | 0        | 106061  | N.D.  | 2.082 # |
| -----                       |                 |        |        |          |         |       |         |

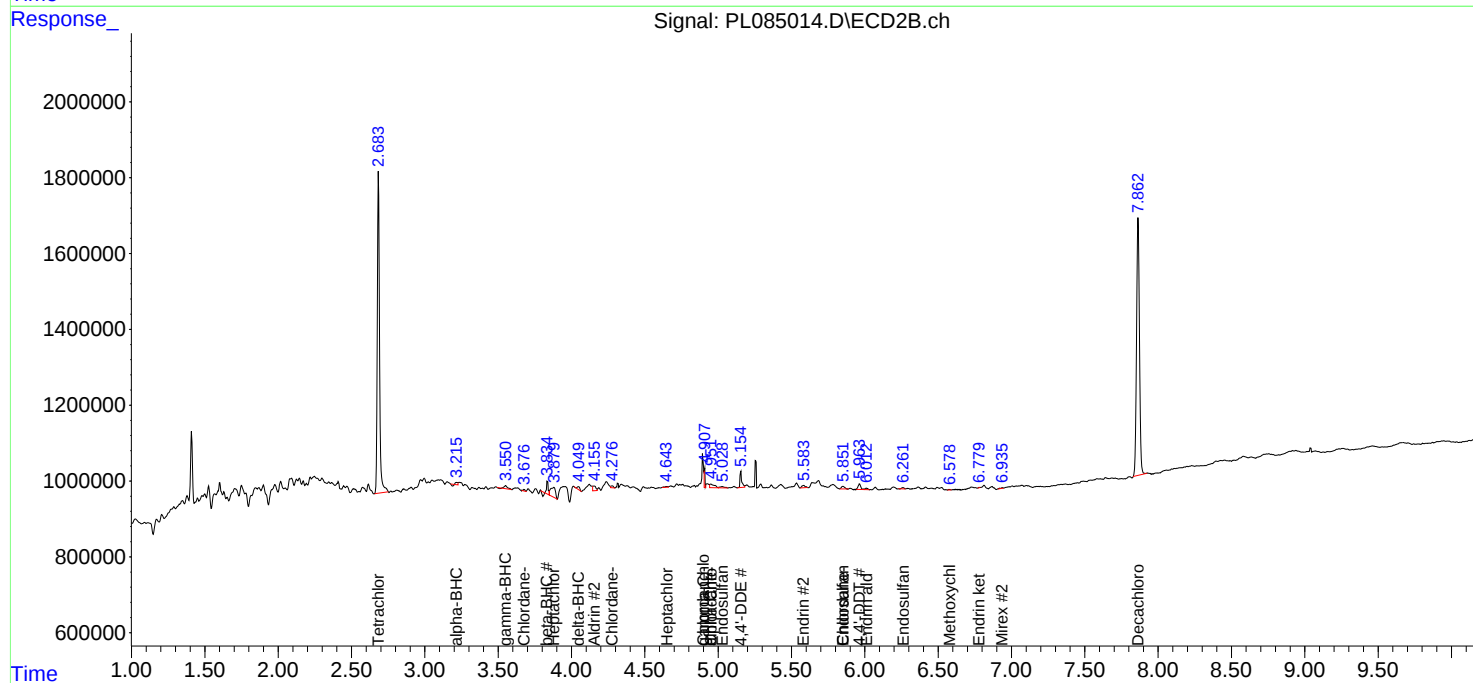
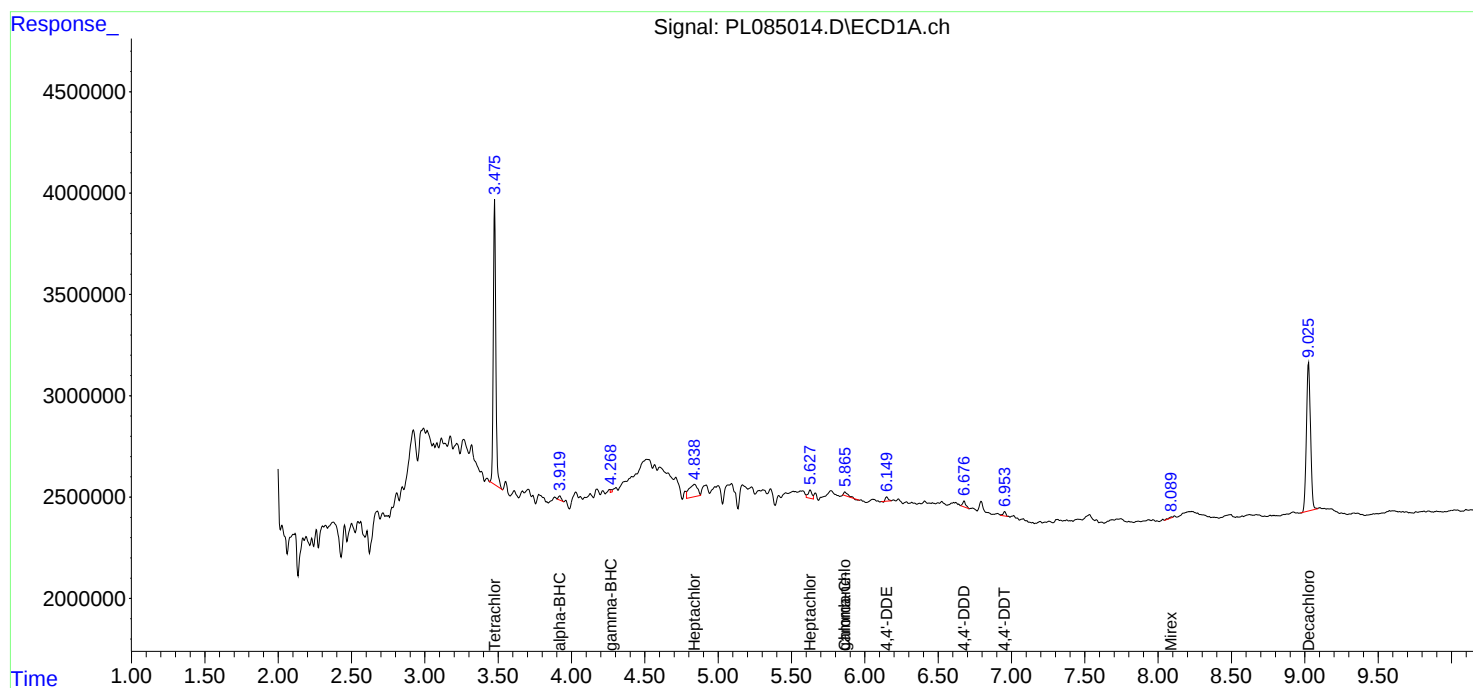
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

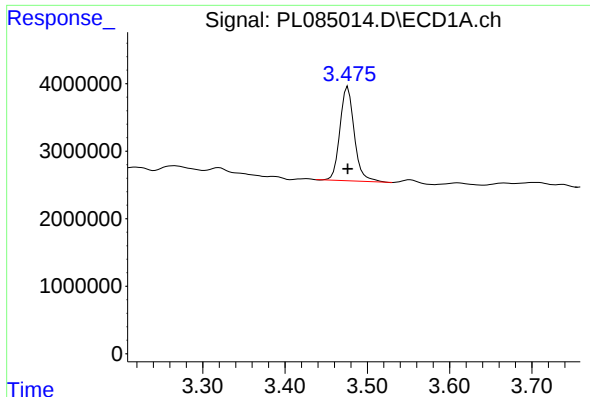
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082823\  
Data File : PL085014.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2023 11:37  
Operator : AR\AJ  
Sample : 04183-05  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 28 22:06:22 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

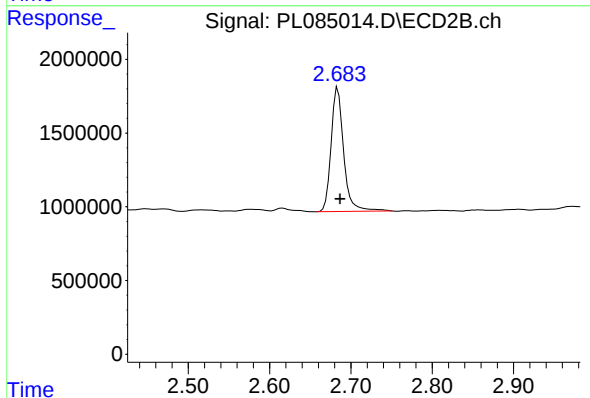




#1 Tetrachloro-m-xylene

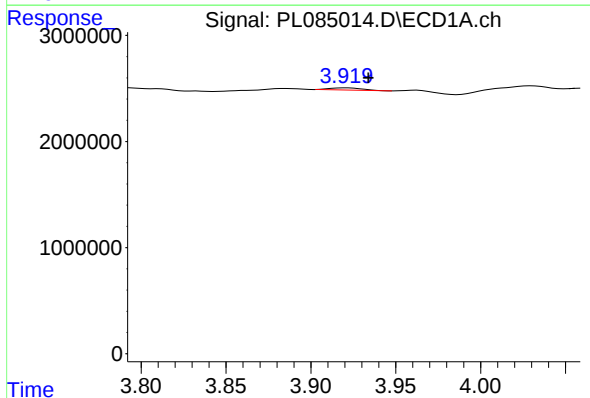
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 16887359  
Conc: 7.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



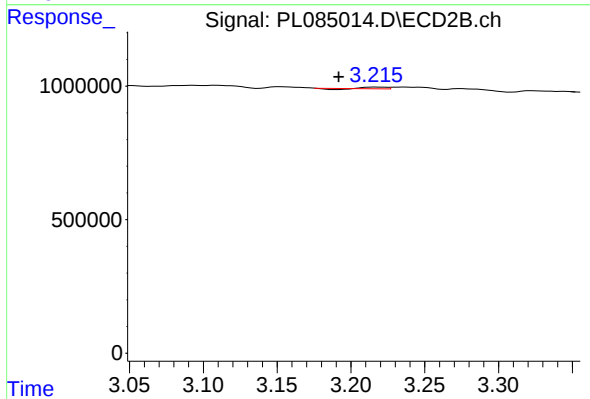
#1 Tetrachloro-m-xylene

R.T.: 2.684 min  
Delta R.T.: -0.003 min  
Response: 9095112  
Conc: 8.36 ng/ml



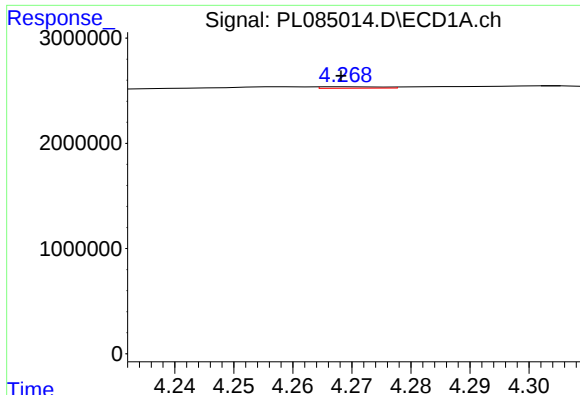
#2 alpha-BHC

R.T.: 3.921 min  
Delta R.T.: -0.013 min  
Response: 280690  
Conc: 0.09 ng/ml



#2 alpha-BHC

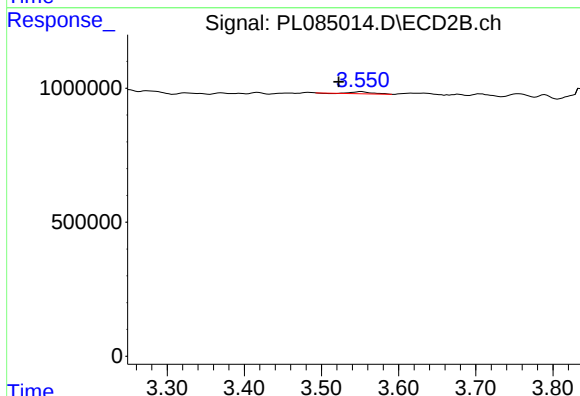
R.T.: 3.217 min  
Delta R.T.: 0.025 min  
Response: 41697  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

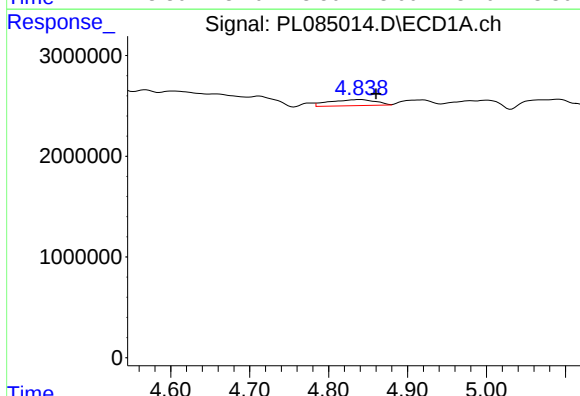
R.T.: 4.270 min  
Delta R.T.: 0.002 min  
Response: 100286  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



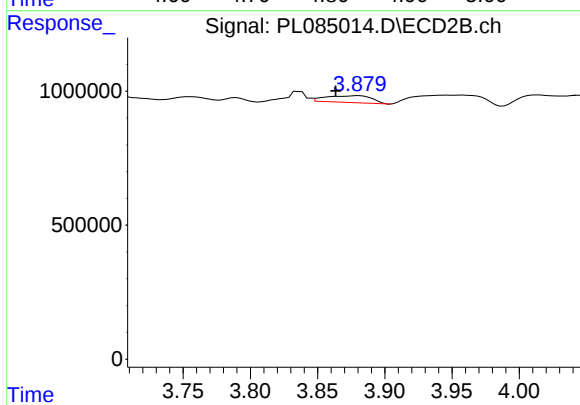
#3 gamma-BHC (Lindane)

R.T.: 3.552 min  
Delta R.T.: 0.029 min  
Response: 121410  
Conc: 0.08 ng/ml



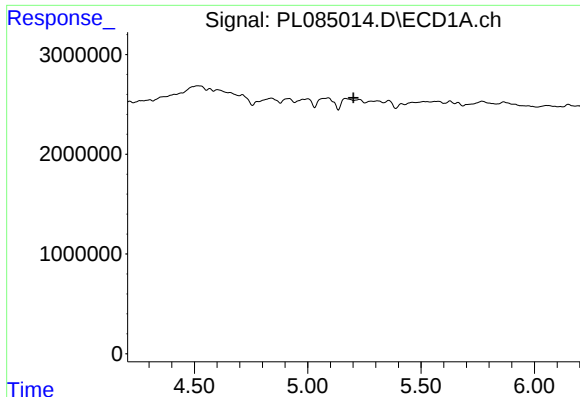
#4 Heptachlor

R.T.: 4.840 min  
Delta R.T.: -0.021 min  
Response: 2483434  
Conc: 0.74 ng/ml



#4 Heptachlor

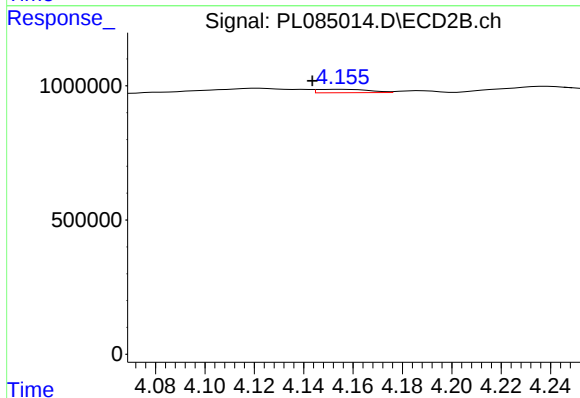
R.T.: 3.881 min  
Delta R.T.: 0.017 min  
Response: 602790  
Conc: 0.42 ng/ml



#5 Aldrin

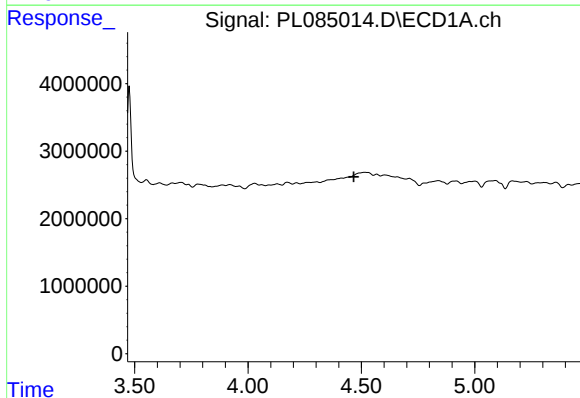
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



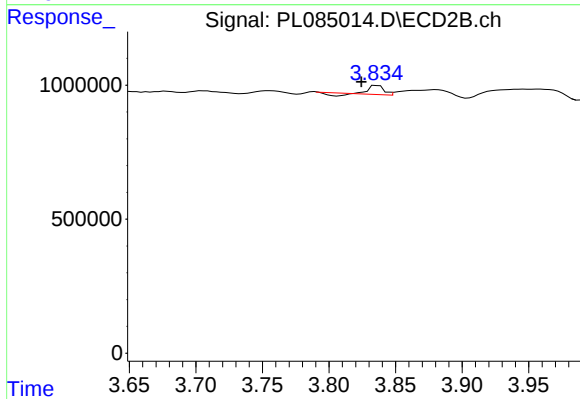
#5 Aldrin

R.T.: 4.156 min  
Delta R.T.: 0.012 min  
Response: 184948  
Conc: 0.13 ng/ml



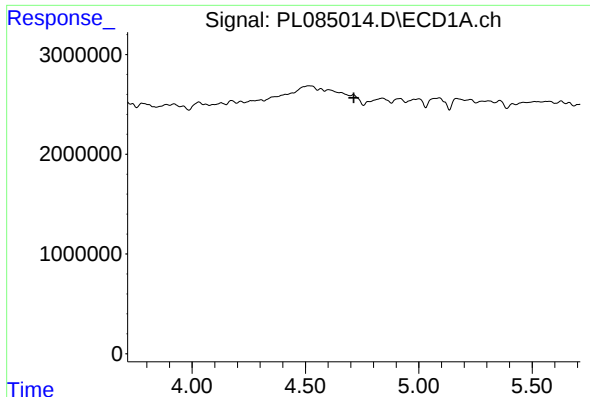
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.467 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

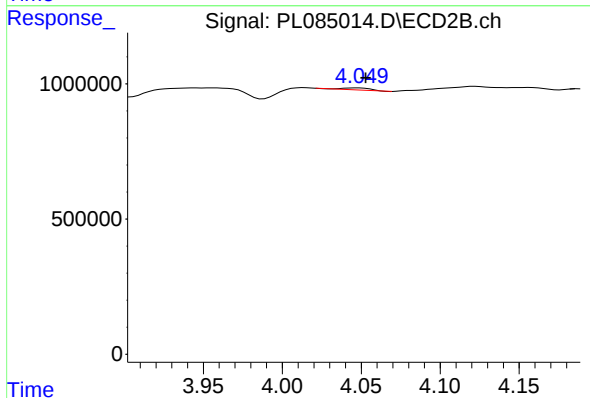
R.T.: 3.836 min  
Delta R.T.: 0.012 min  
Response: 211990  
Conc: 0.32 ng/ml



#7 delta-BHC

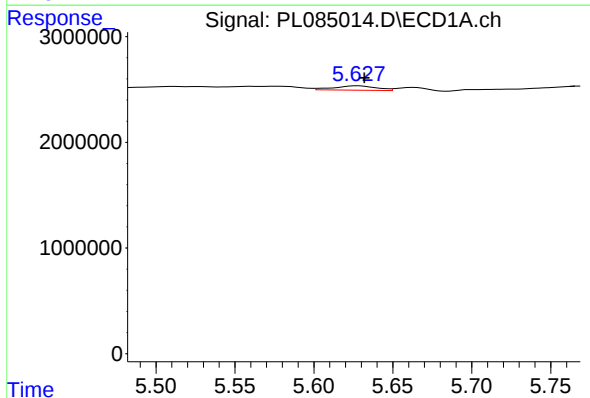
R.T.: 0.000 min  
Exp R.T.: 4.714 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



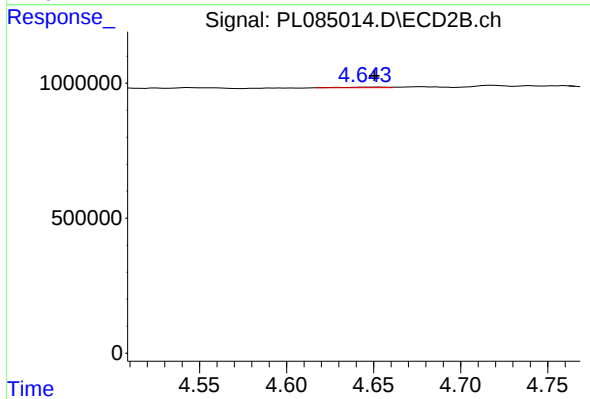
#7 delta-BHC

R.T.: 4.048 min  
Delta R.T.: -0.005 min  
Response: 94503  
Conc: 0.06 ng/ml



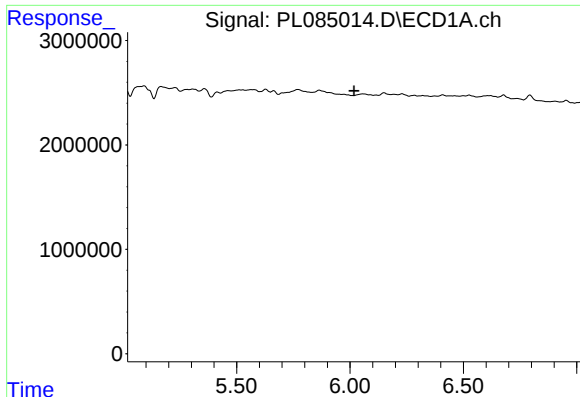
#8 Heptachlor epoxide

R.T.: 5.628 min  
Delta R.T.: -0.004 min  
Response: 752152  
Conc: 0.25 ng/ml



#8 Heptachlor epoxide

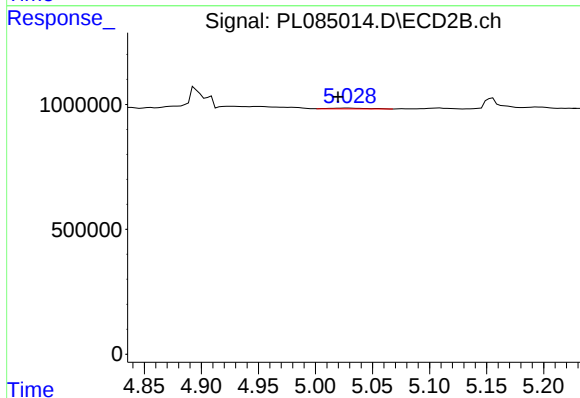
R.T.: 4.646 min  
Delta R.T.: -0.005 min  
Response: 31915  
Conc: 0.02 ng/ml



#9 Endosulfan I

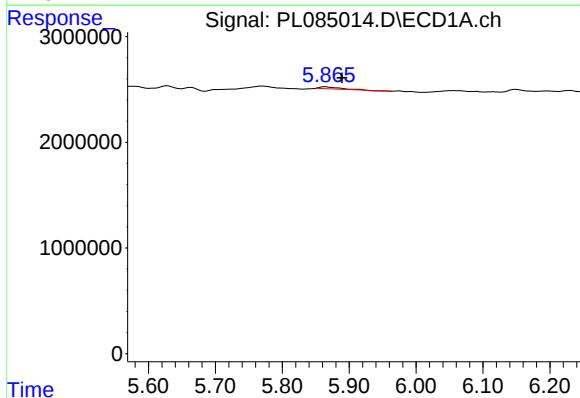
R.T.: 0.000 min  
Exp R.T.: 6.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



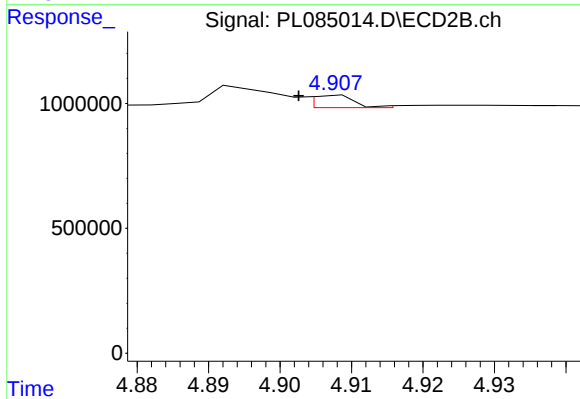
#9 Endosulfan I

R.T.: 5.029 min  
Delta R.T.: 0.009 min  
Response: 74410  
Conc: 0.06 ng/ml



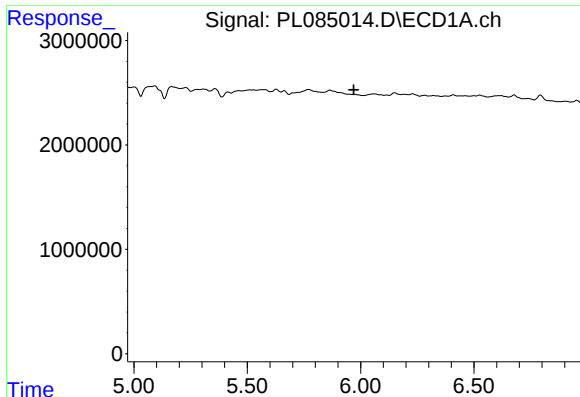
#10 gamma-Chlordane

R.T.: 5.865 min  
Delta R.T.: -0.025 min  
Response: 357161  
Conc: 0.12 ng/ml



#10 gamma-Chlordane

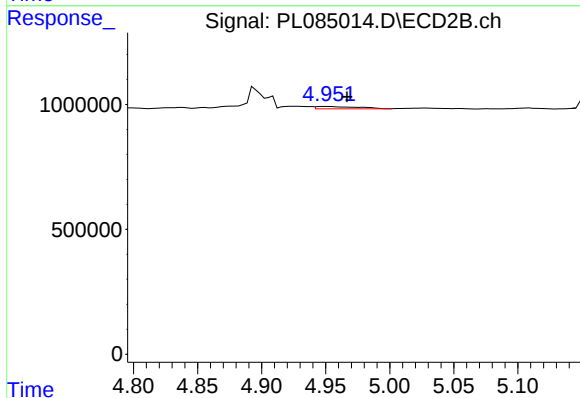
R.T.: 4.908 min  
Delta R.T.: 0.006 min  
Response: 209889  
Conc: 0.15 ng/ml



#11 alpha-Chlordane

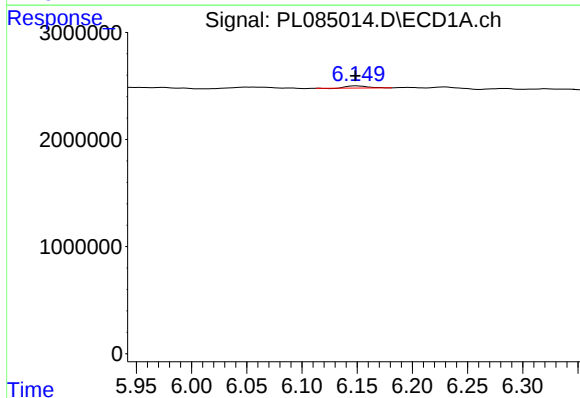
R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



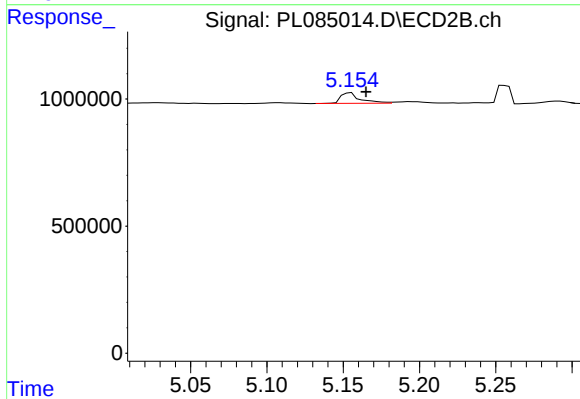
#11 alpha-Chlordane

R.T.: 4.950 min  
Delta R.T.: -0.017 min  
Response: 214871  
Conc: 0.16 ng/ml



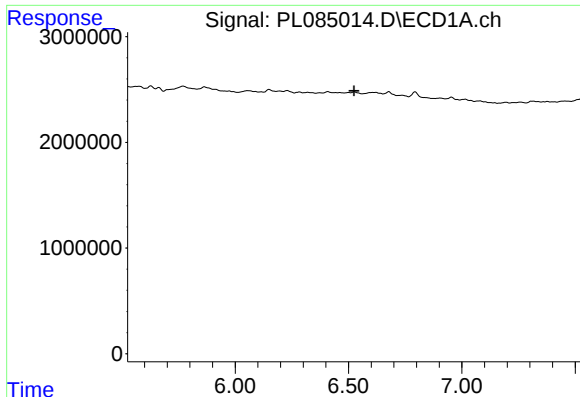
#12 4,4'-DDE

R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 259175  
Conc: 0.11 ng/ml



#12 4,4'-DDE

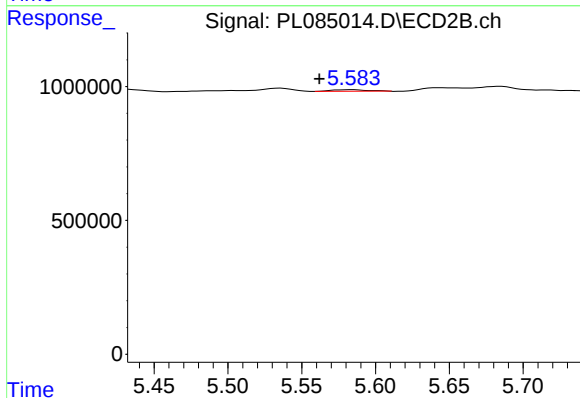
R.T.: 5.155 min  
Delta R.T.: -0.010 min  
Response: 375930  
Conc: 0.31 ng/ml



#14 Endrin

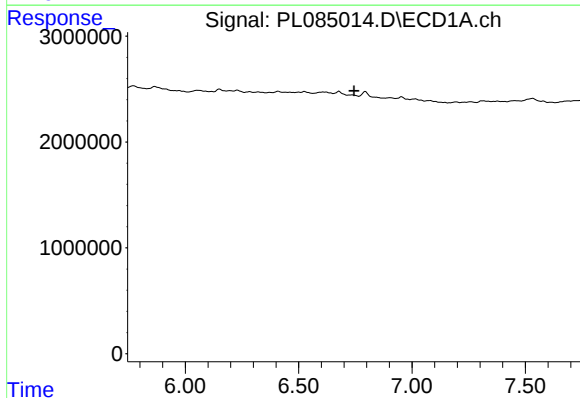
R.T.: 0.000 min  
Exp R.T.: 6.525 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



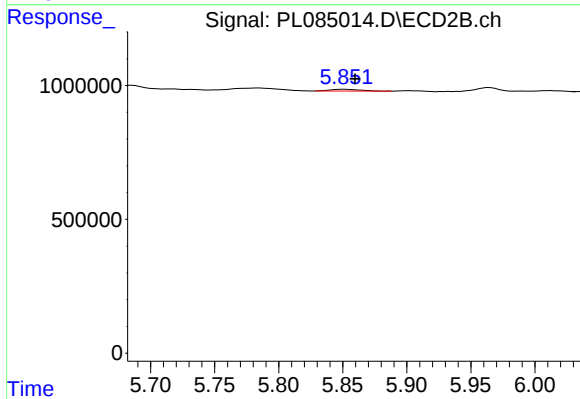
#14 Endrin

R.T.: 5.585 min  
Delta R.T.: 0.023 min  
Response: 89004  
Conc: 0.07 ng/ml



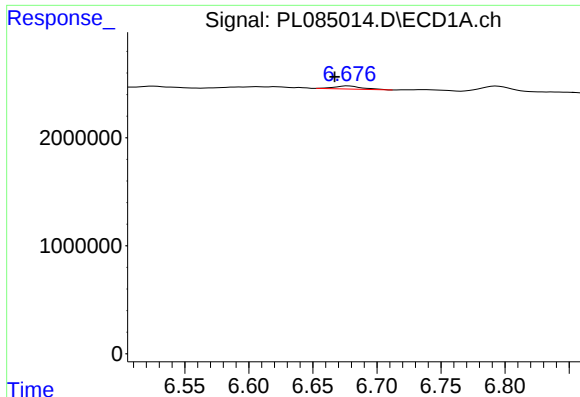
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

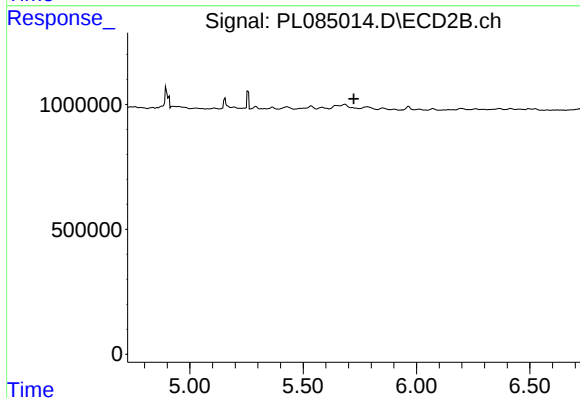
R.T.: 5.852 min  
Delta R.T.: -0.008 min  
Response: 106061  
Conc: 0.09 ng/ml



#16 4,4'-DDD

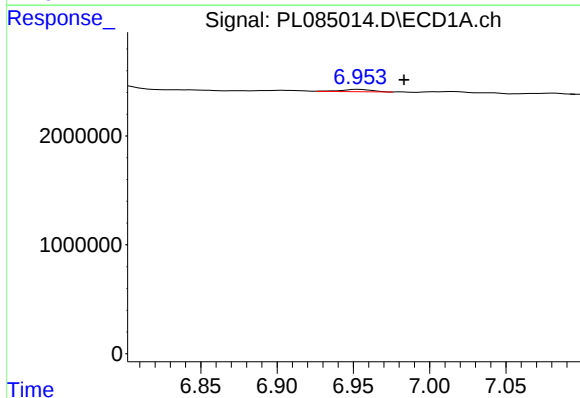
R.T.: 6.678 min  
Delta R.T.: 0.011 min  
Response: 439584  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



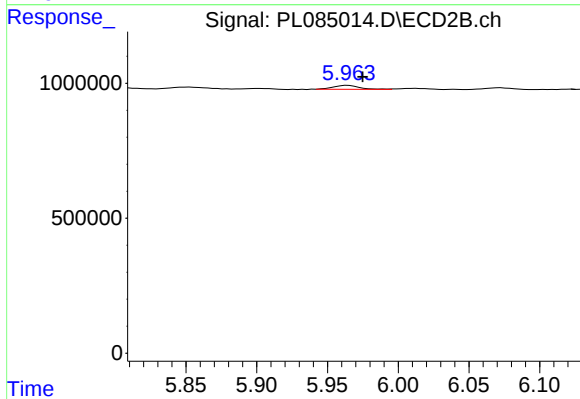
#16 4,4'-DDD

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



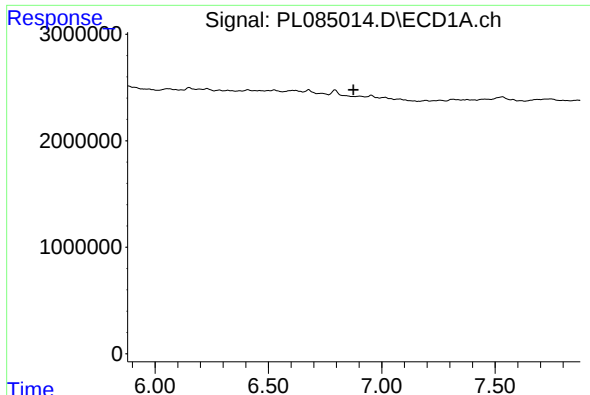
#17 4,4'-DDT

R.T.: 6.954 min  
Delta R.T.: -0.029 min  
Response: 284057  
Conc: 0.15 ng/ml



#17 4,4'-DDT

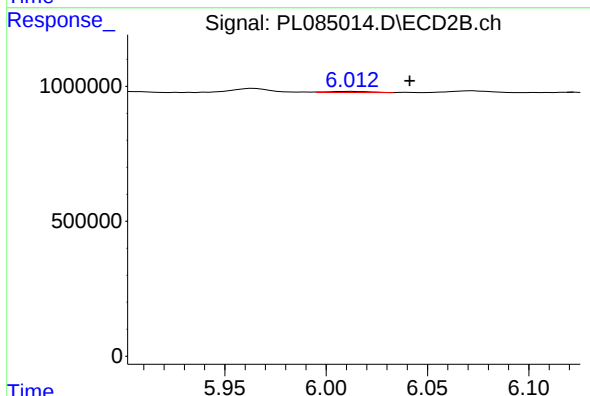
R.T.: 5.965 min  
Delta R.T.: -0.010 min  
Response: 186411  
Conc: 0.16 ng/ml



#18 Endrin aldehyde

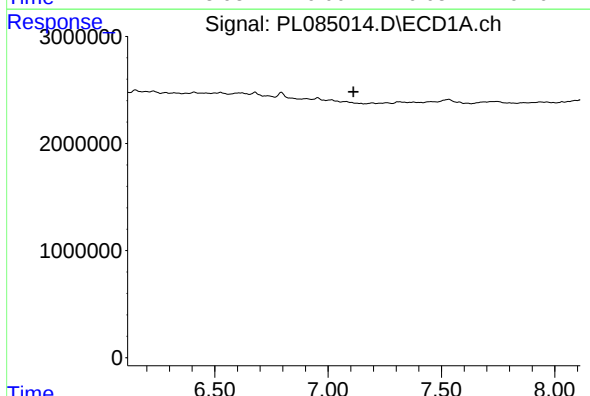
R.T.: 0.000 min  
Exp R.T.: 6.876 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



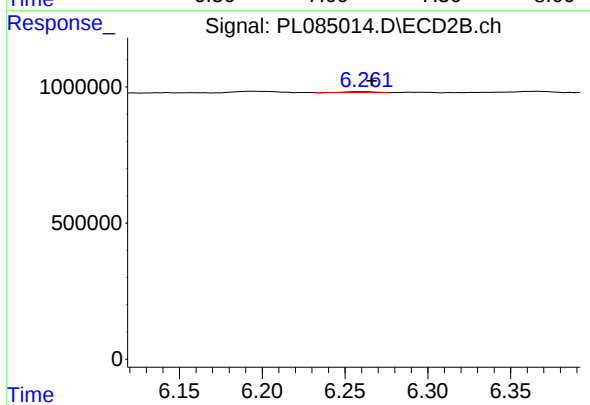
#18 Endrin aldehyde

R.T.: 6.013 min  
Delta R.T.: -0.028 min  
Response: 53530  
Conc: 0.05 ng/ml



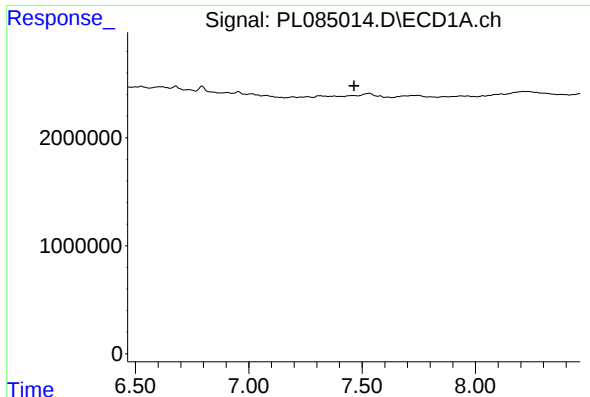
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.112 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

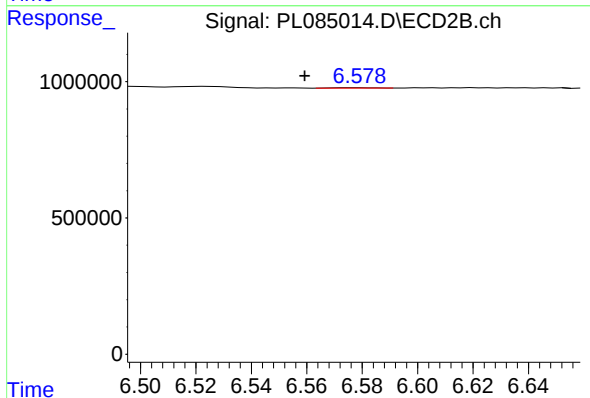
R.T.: 6.262 min  
Delta R.T.: -0.004 min  
Response: 35501  
Conc: 0.03 ng/ml



#20 Methoxychlor

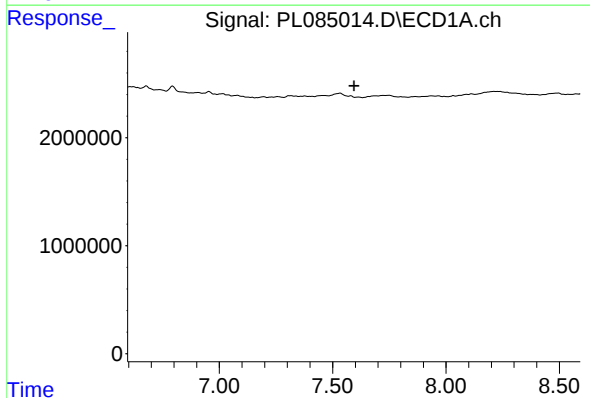
R.T.: 0.000 min  
Exp R.T.: 7.464 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



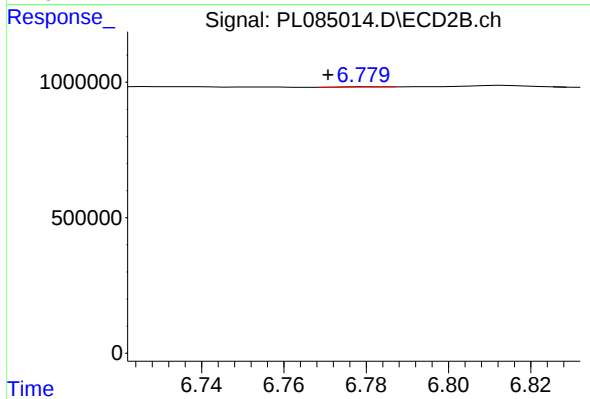
#20 Methoxychlor

R.T.: 6.579 min  
Delta R.T.: 0.020 min  
Response: 14079  
Conc: 0.02 ng/ml



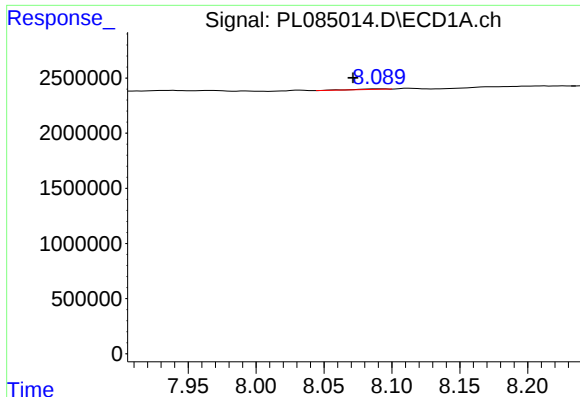
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.595 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

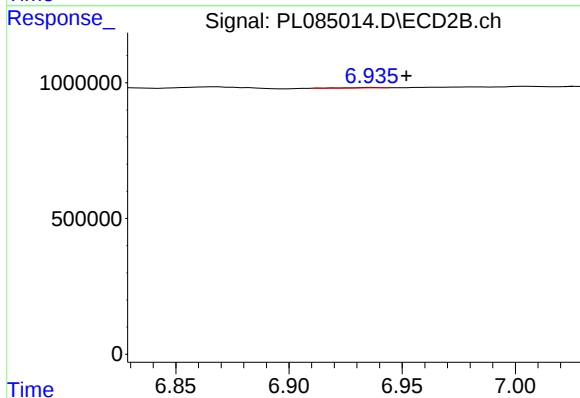
R.T.: 6.780 min  
Delta R.T.: 0.010 min  
Response: 3901  
Conc: 0.00 ng/ml



#22 Mirex

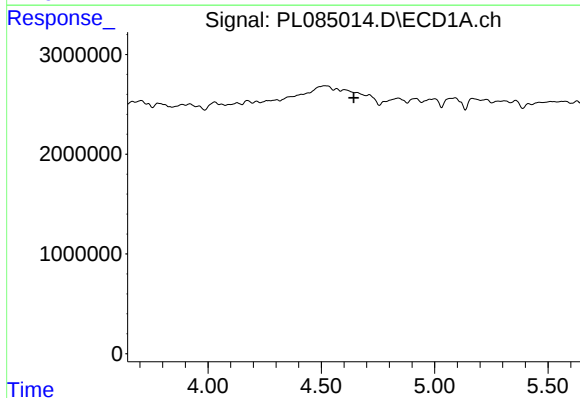
R.T.: 8.091 min  
Delta R.T.: 0.019 min  
Response: 79983  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



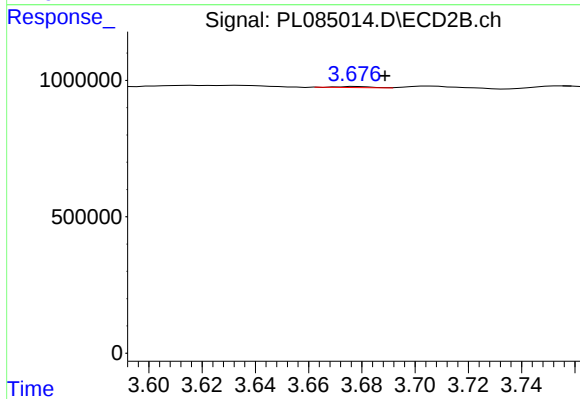
#22 Mirex

R.T.: 6.938 min  
Delta R.T.: -0.014 min  
Response: 15307  
Conc: 0.01 ng/ml



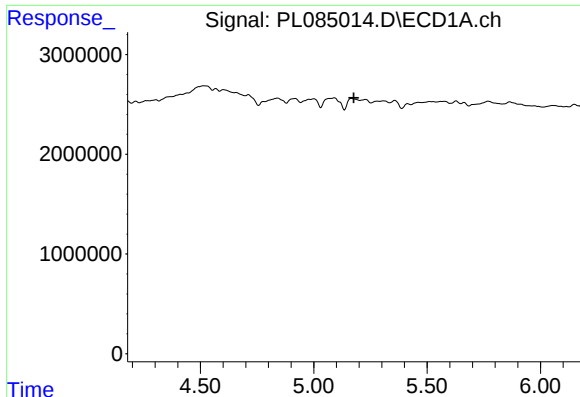
#23 Chlordane-1

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



#23 Chlordane-1

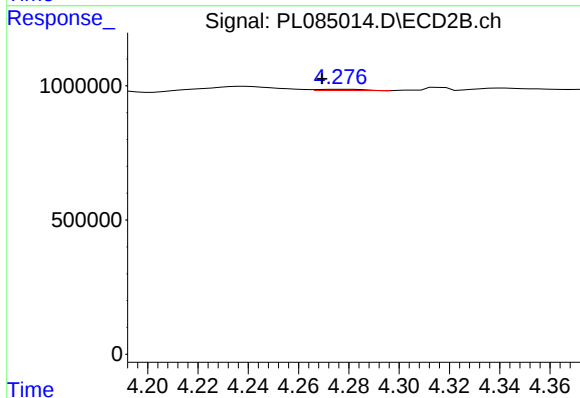
R.T.: 3.678 min  
Delta R.T.: -0.011 min  
Response: 32224  
Conc: 0.84 ng/ml



#24 Chlordane-2

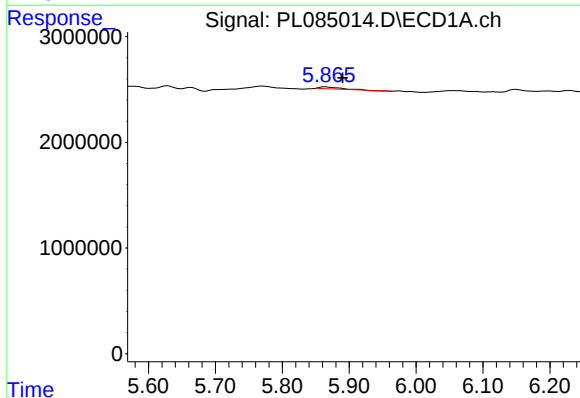
R.T.: 0.000 min  
Exp R.T.: 5.177 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



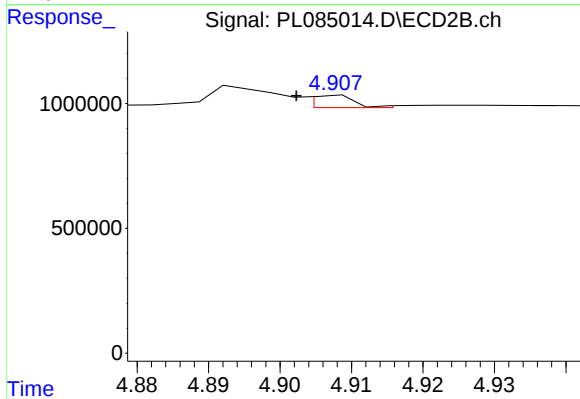
#24 Chlordane-2

R.T.: 4.277 min  
Delta R.T.: 0.008 min  
Response: 60825  
Conc: 1.21 ng/ml



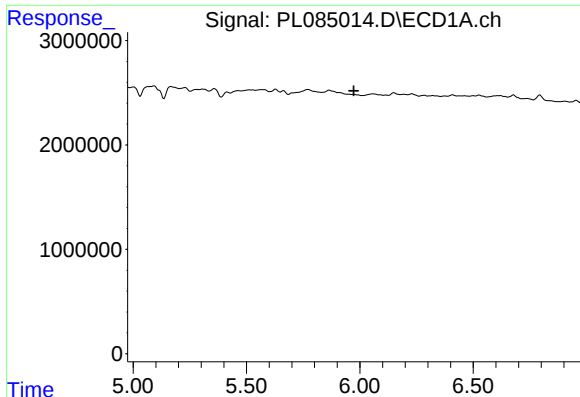
#25 Chlordane-3

R.T.: 5.865 min  
Delta R.T.: -0.026 min  
Response: 357161  
Conc: 0.89 ng/ml



#25 Chlordane-3

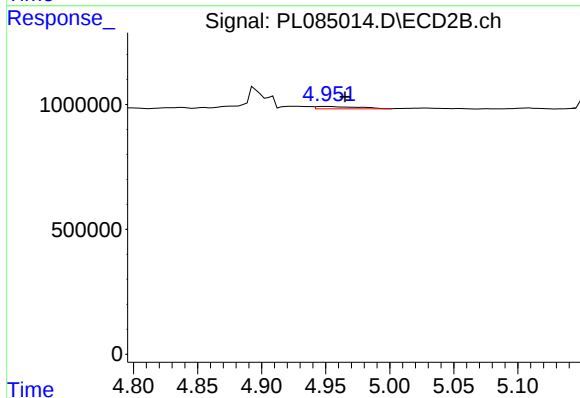
R.T.: 4.908 min  
Delta R.T.: 0.006 min  
Response: 209889  
Conc: 1.52 ng/ml



#26 Chlordane-4

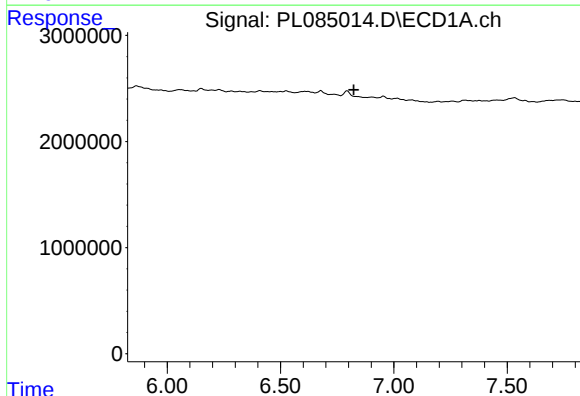
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



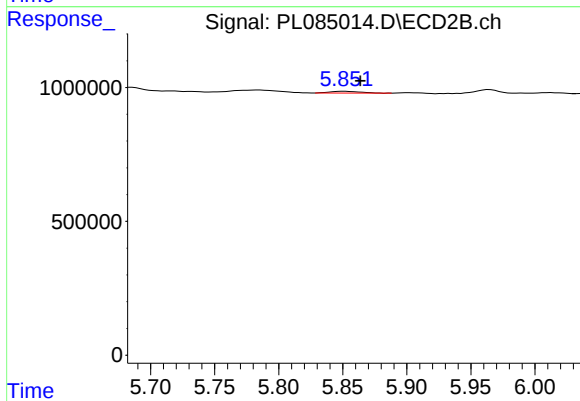
#26 Chlordane-4

R.T.: 4.950 min  
Delta R.T.: -0.015 min  
Response: 214871  
Conc: 1.50 ng/ml



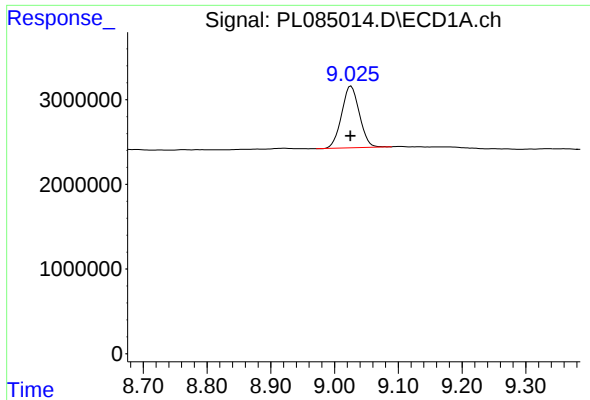
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

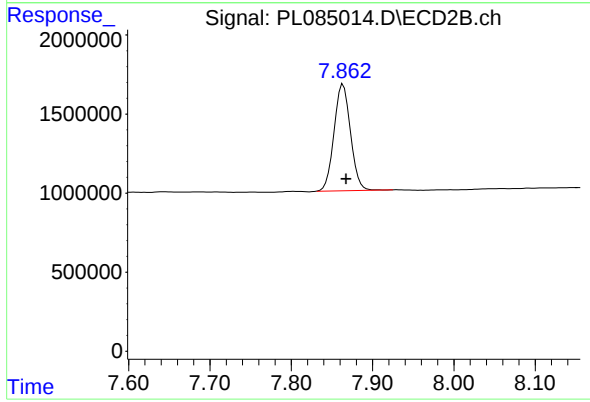
R.T.: 5.852 min  
Delta R.T.: -0.012 min  
Response: 106061  
Conc: 2.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.001 min  
Response: 14105825  
Conc: 8.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: -0.004 min  
Response: 9502128  
Conc: 7.62 ng/ml