

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091423\  
 Data File : PL085315.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2023 16:31  
 Operator : AR\AJ  
 Sample : 04346-13DL2 20X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 22:37:42 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... | 3.483  | 2.682  | 2178426  | 1229428 | 0.891 | 1.082   |
| 28)                         | SA Decachlor... | 9.035  | 7.864  | 2504618  | 1916965 | 1.557 | 1.440   |
| Target Compounds            |                 |        |        |          |         |       |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.185  | 0        | 27359   | N.D.  | 0.017 # |
| 3)                          | MA gamma-BHC... | 4.266  | 3.515  | -5337    | 139522  | N.D.  | 0.087   |
| 4)                          | MA Heptachlor   | 0.000  | 3.872  | 0        | 45355   | N.D.  | 0.030 # |
| 6)                          | B beta-BHC      | 0.000  | 3.826  | 0        | 122035  | N.D.  | 0.180 # |
| 7)                          | B delta-BHC     | 0.000  | 4.055  | 0        | 392225  | N.D.  | 0.251 # |
| 8)                          | B Heptachlo...  | 5.644  | 4.646  | -23472   | 936804  | N.D.  | 0.683   |
| 10)                         | B gamma-Chl...  | 5.889  | 4.895  | 531694   | 203590  | 0.205 | 0.148 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.986f | 0        | 237871  | N.D.  | 0.159 # |
| 12)                         | B 4,4'-DDE      | 6.123f | 5.139f | 1523886  | 217837  | 0.733 | 0.175 # |
| 13)                         | MA Dieldrin     | 6.293  | 5.276  | -815854  | 648281  | N.D.  | 0.461   |
| 14)                         | MA Endrin       | 6.505f | 5.581f | 5822050  | 2145284 | 2.819 | 1.678 # |
| 15)                         | B Endosulfa...  | 6.759  | 0.000  | 202117   | 0       | 0.100 | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.667  | 5.722  | 3605729  | -238262 | 2.342 | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.968  | 0        | 3832208 | N.D.  | 3.287 # |
| 18)                         | B Endrin al...  | 6.865  | 6.051  | 856389   | 2471571 | 0.557 | 2.420 # |
| 19)                         | B Endosulfa...  | 7.107  | 6.255  | 13907959 | 1548924 | 7.430 | 1.291 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.776  | 0        | 55554   | N.D.  | 0.038 # |
| 22)                         | Mirex           | 8.060  | 6.974f | 1074516  | 2307054 | 0.645 | 1.948 # |
| 23)                         | Chlordane-1     | 0.000  | 3.697  | 0        | 140118  | N.D.  | 3.606 # |
| 25)                         | Chlordane-3     | 5.889  | 4.895  | 531694   | 203590  | 1.471 | 1.516   |
| 26)                         | Chlordane-4     | 6.003f | 4.986f | 1607352  | 237871  | 3.705 | 1.600 # |
| -----                       |                 |        |        |          |         |       |         |

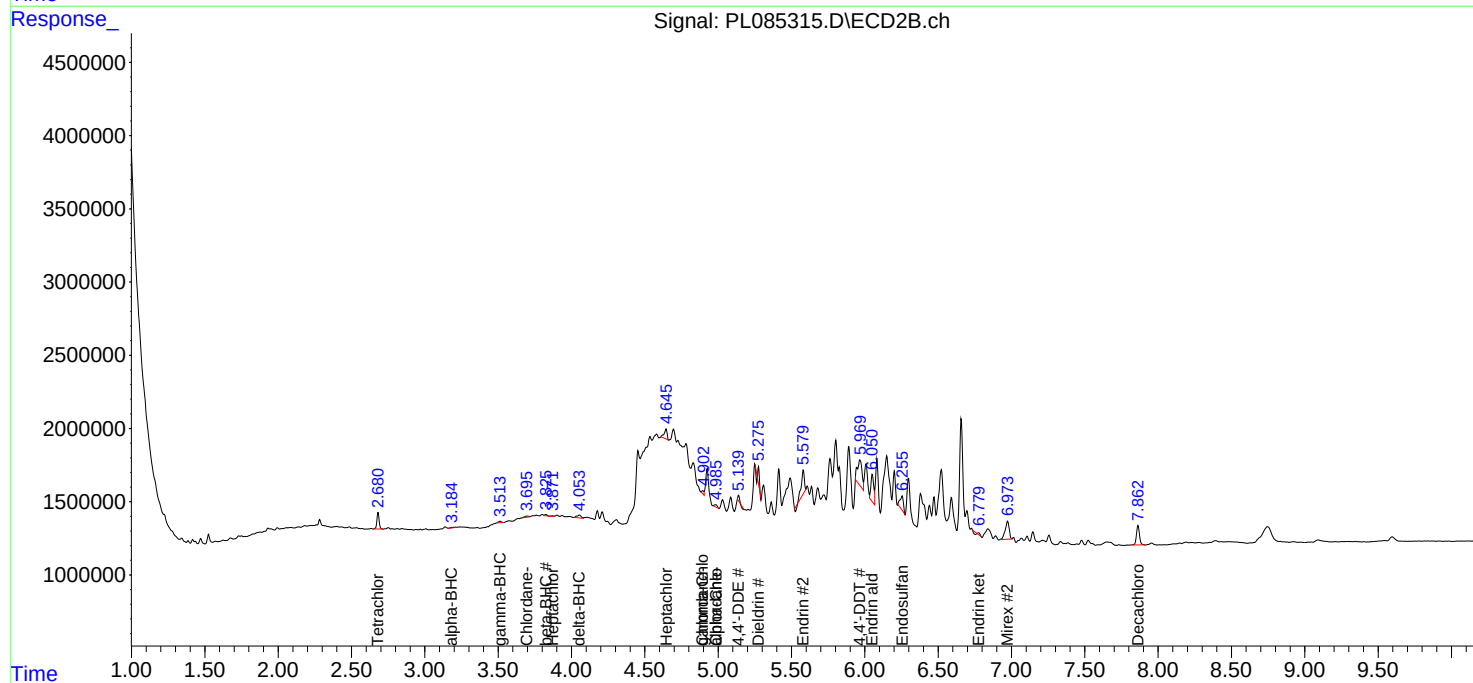
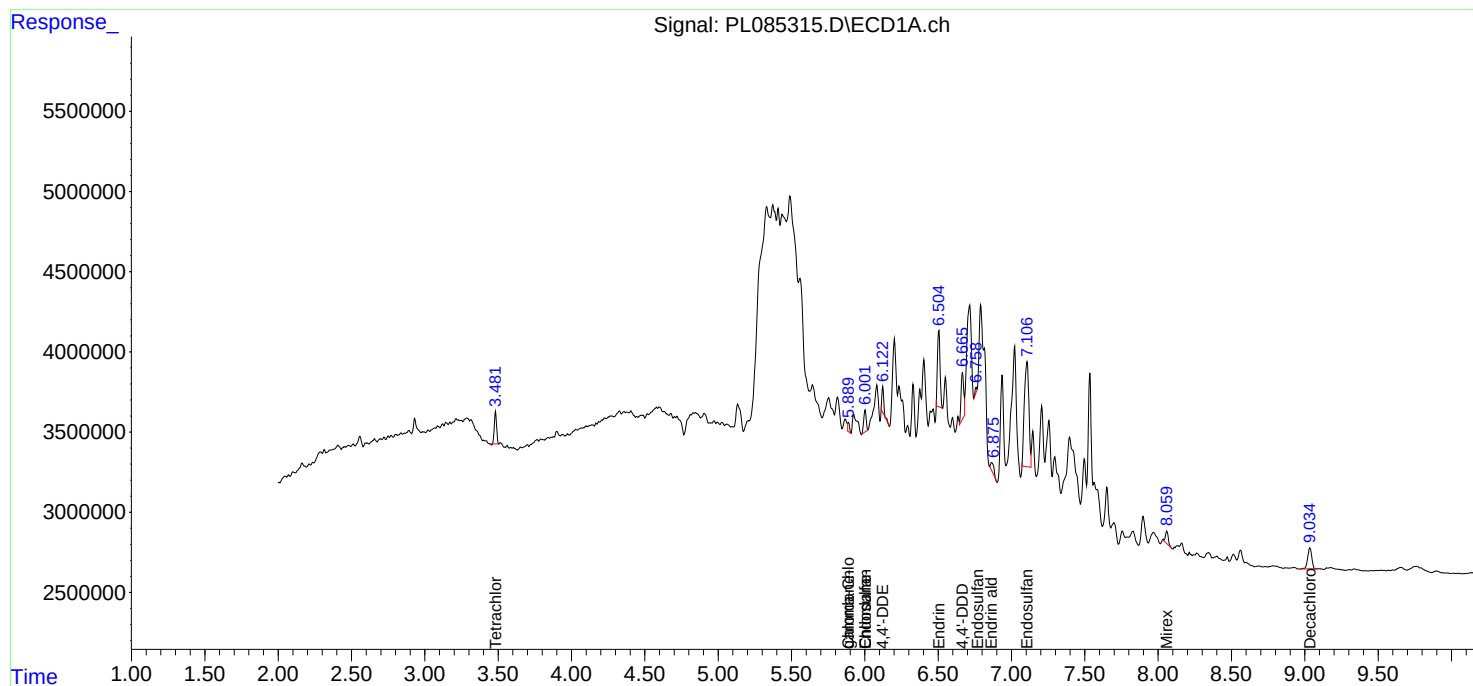
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

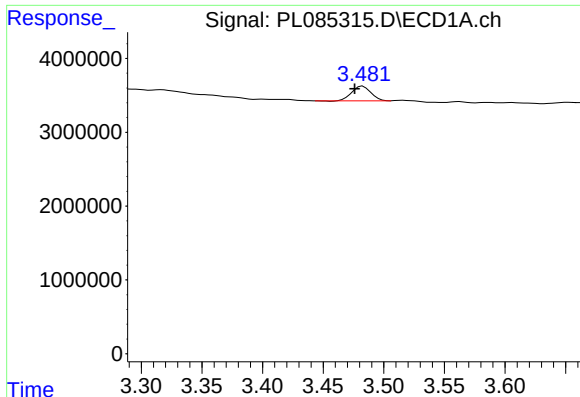
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091423\  
Data File : PL085315.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2023 16:31  
Operator : AR\AJ  
Sample : 04346-13DL2 20X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 22:37:42 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

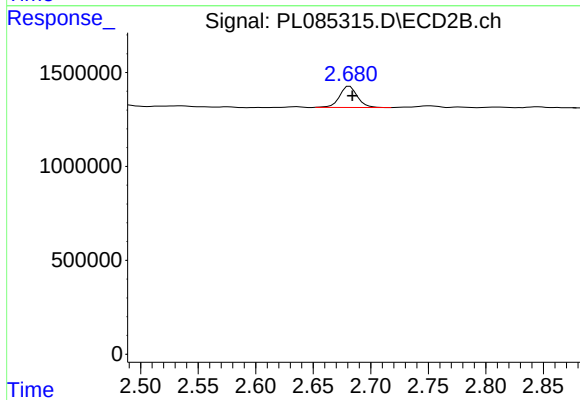




#1 Tetrachloro-m-xylene

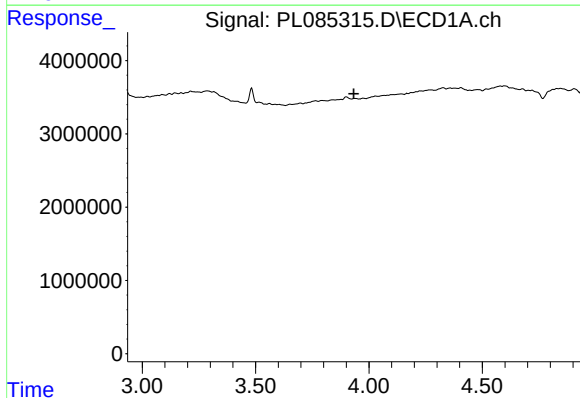
R.T.: 3.483 min  
Delta R.T.: 0.007 min  
Response: 2178426  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



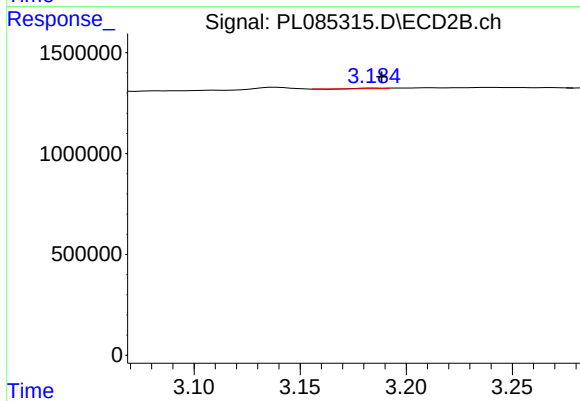
#1 Tetrachloro-m-xylene

R.T.: 2.682 min  
Delta R.T.: -0.002 min  
Response: 1229428  
Conc: 1.08 ng/ml



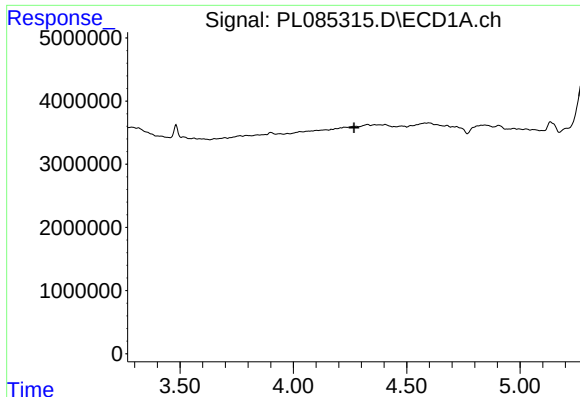
#2 alpha-BHC

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



#2 alpha-BHC

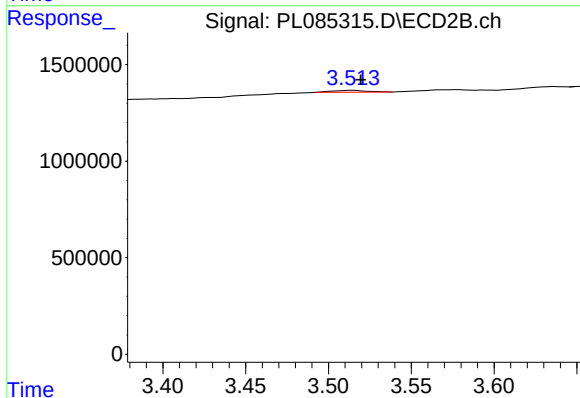
R.T.: 3.185 min  
Delta R.T.: -0.004 min  
Response: 27359  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

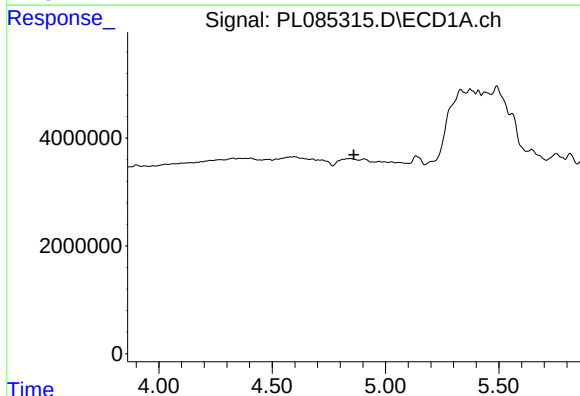
R.T.: 4.266 min  
Delta R.T.: -0.002 min  
Response: -5337  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



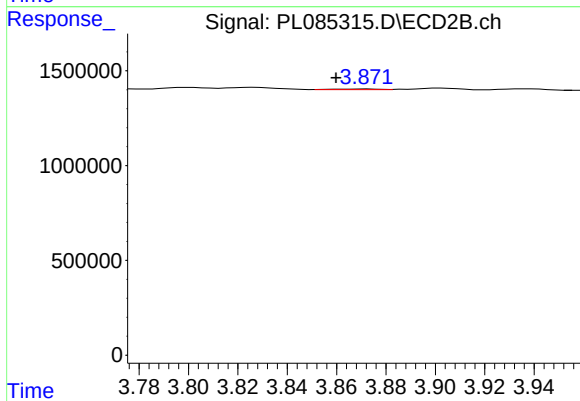
#3 gamma-BHC (Lindane)

R.T.: 3.515 min  
Delta R.T.: -0.005 min  
Response: 139522  
Conc: 0.09 ng/ml



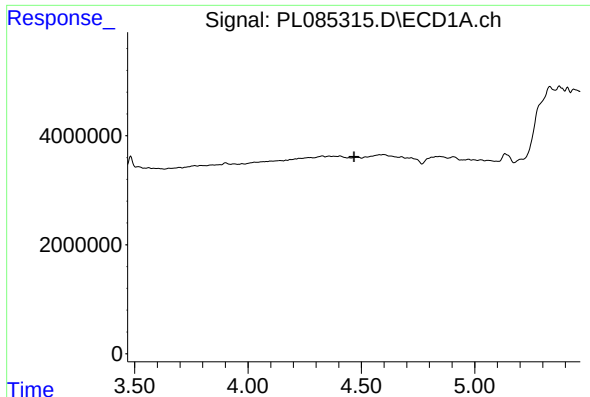
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.860 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

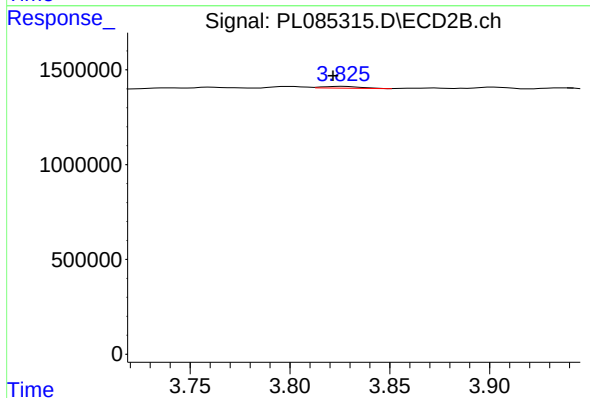
R.T.: 3.872 min  
Delta R.T.: 0.013 min  
Response: 45355  
Conc: 0.03 ng/ml



#6 beta-BHC

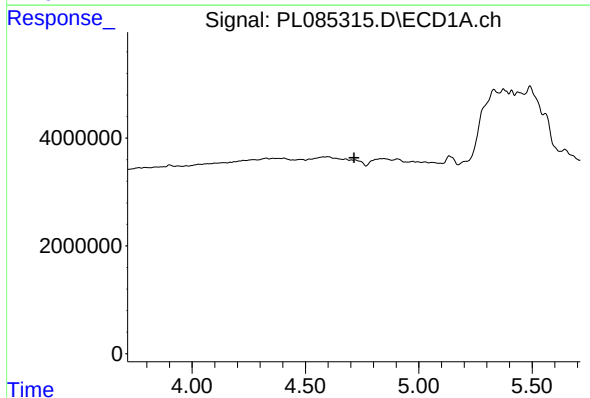
R.T.: 0.000 min  
Exp R.T.: 4.468 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



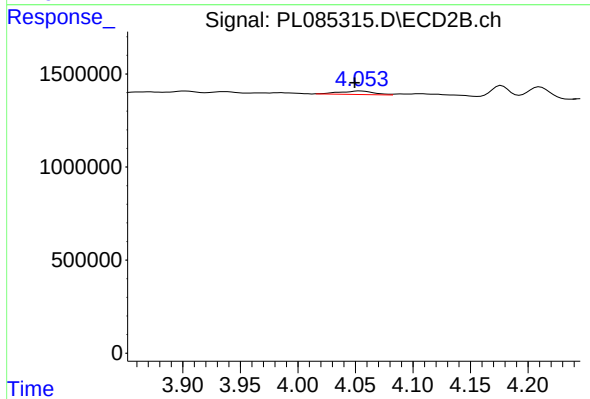
#6 beta-BHC

R.T.: 3.826 min  
Delta R.T.: 0.005 min  
Response: 122035  
Conc: 0.18 ng/ml



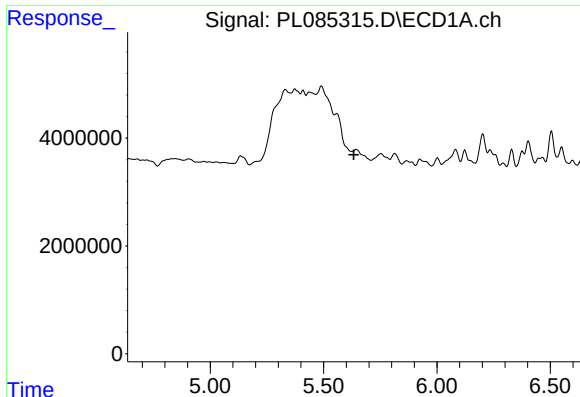
#7 delta-BHC

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



#7 delta-BHC

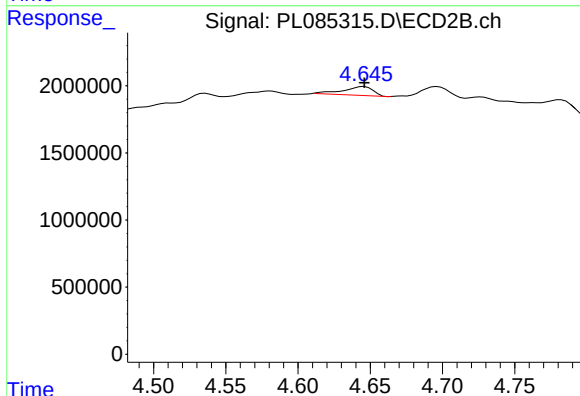
R.T.: 4.055 min  
Delta R.T.: 0.005 min  
Response: 392225  
Conc: 0.25 ng/ml



#8 Heptachlor epoxide

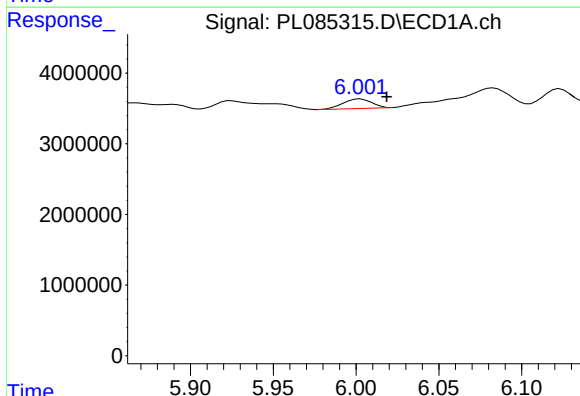
R.T.: 5.644 min  
Delta R.T.: 0.012 min  
Response: -23472  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



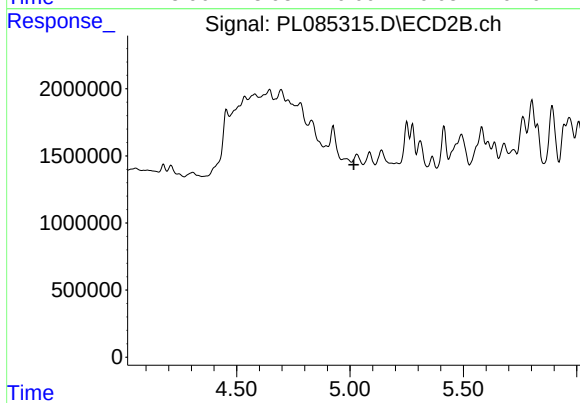
#8 Heptachlor epoxide

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 936804  
Conc: 0.68 ng/ml



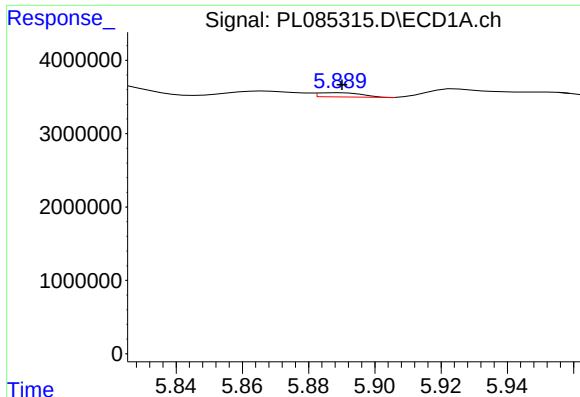
#9 Endosulfan I

R.T.: 6.003 min  
Delta R.T.: -0.016 min  
Response: 1607352  
Conc: 0.67 ng/ml



#9 Endosulfan I

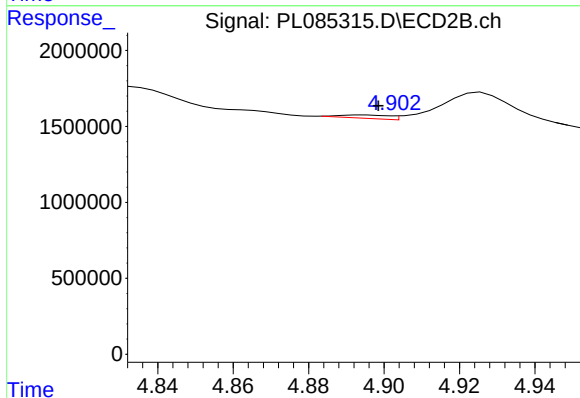
R.T.: 5.030 min  
Delta R.T.: 0.014 min  
Response: 981163  
Conc: N.D.



#10 gamma-Chlordane

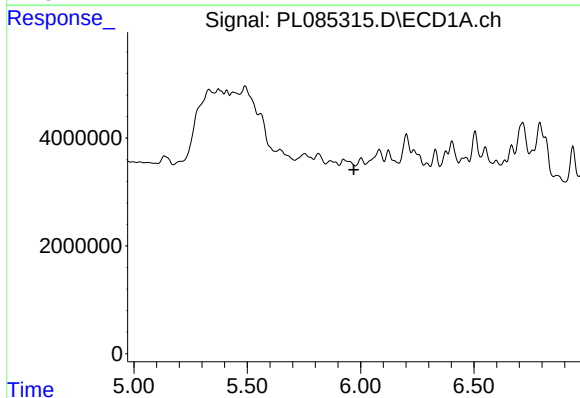
R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 531694  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



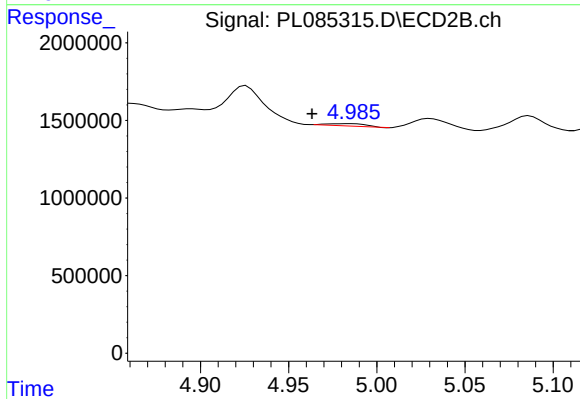
#10 gamma-Chlordane

R.T.: 4.895 min  
Delta R.T.: -0.004 min  
Response: 203590  
Conc: 0.15 ng/ml



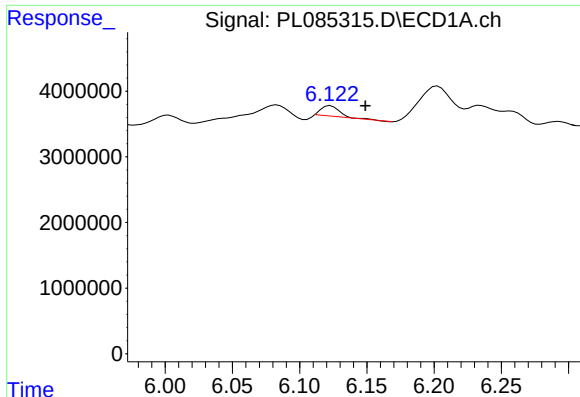
#11 alpha-Chlordane

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



#11 alpha-Chlordane

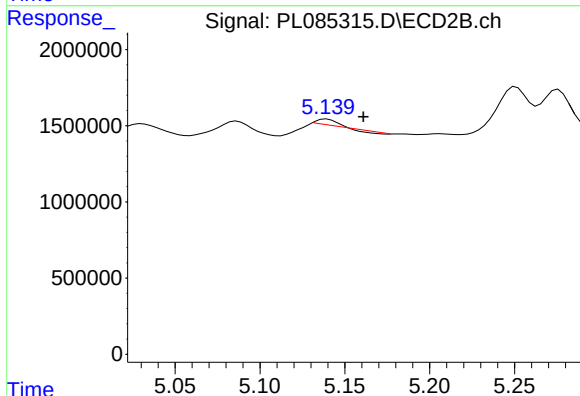
R.T.: 4.986 min  
Delta R.T.: 0.022 min  
Response: 237871  
Conc: 0.16 ng/ml



#12 4,4'-DDE

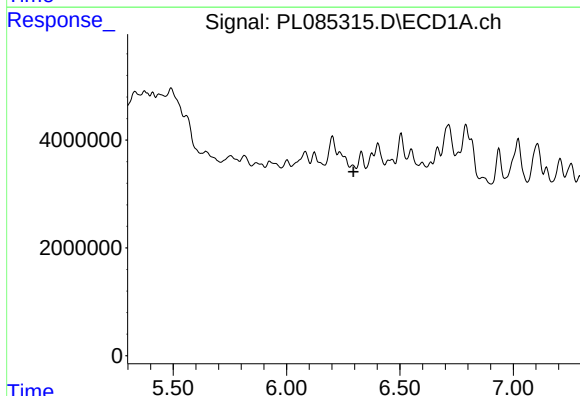
R.T.: 6.123 min  
Delta R.T.: -0.026 min  
Response: 1523886  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



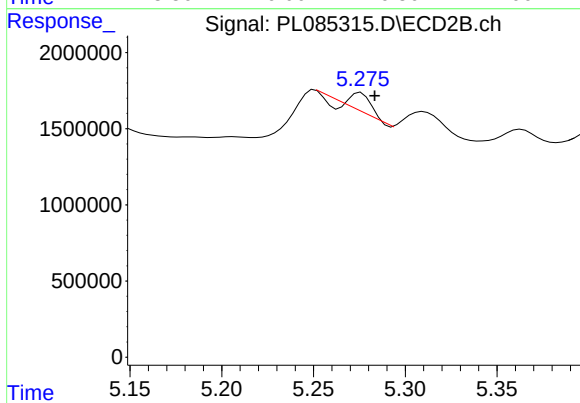
#12 4,4'-DDE

R.T.: 5.139 min  
Delta R.T.: -0.022 min  
Response: 217837  
Conc: 0.18 ng/ml



#13 Dieldrin

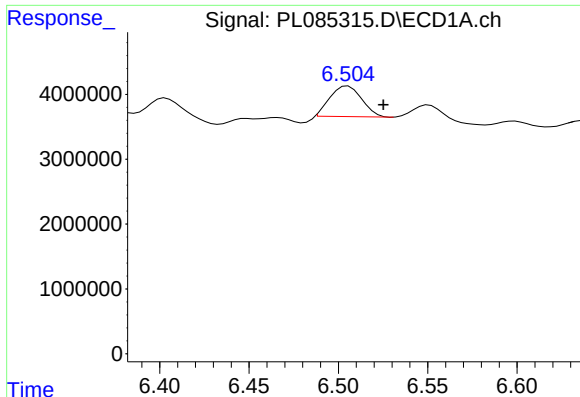
R.T.: 6.293 min  
Delta R.T.: -0.003 min  
Response: -815854  
Conc: N.D.



#13 Dieldrin

R.T.: 5.276 min  
Delta R.T.: -0.008 min  
Response: 648281  
Conc: 0.46 ng/ml

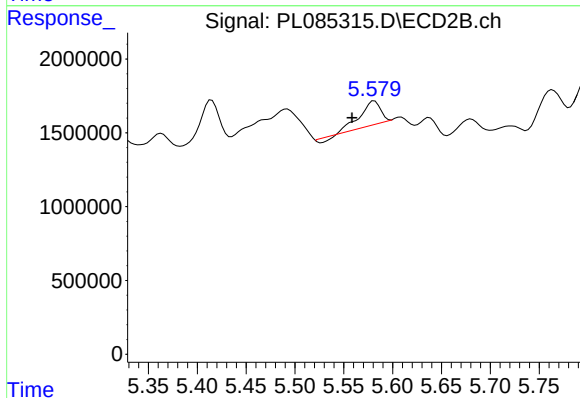




#14 Endrin

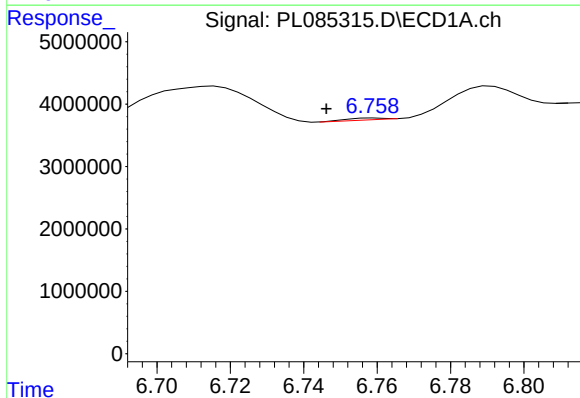
R.T.: 6.505 min  
Delta R.T.: -0.020 min  
Response: 5822050  
Conc: 2.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



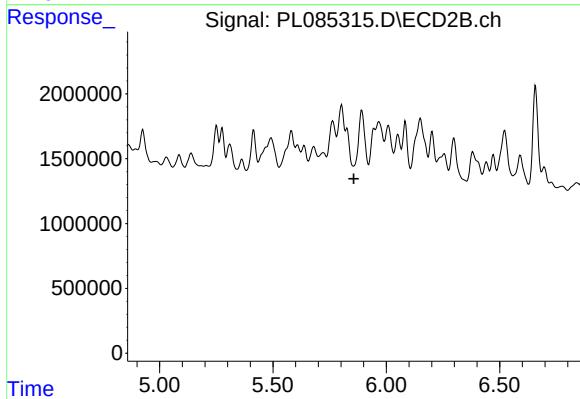
#14 Endrin

R.T.: 5.581 min  
Delta R.T.: 0.023 min  
Response: 2145284  
Conc: 1.68 ng/ml



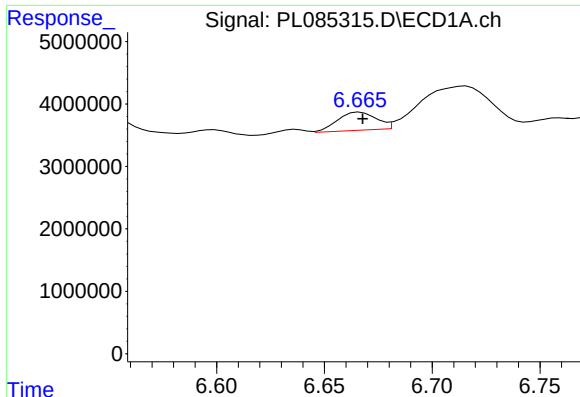
#15 Endosulfan II

R.T.: 6.759 min  
Delta R.T.: 0.013 min  
Response: 202117  
Conc: 0.10 ng/ml



#15 Endosulfan II

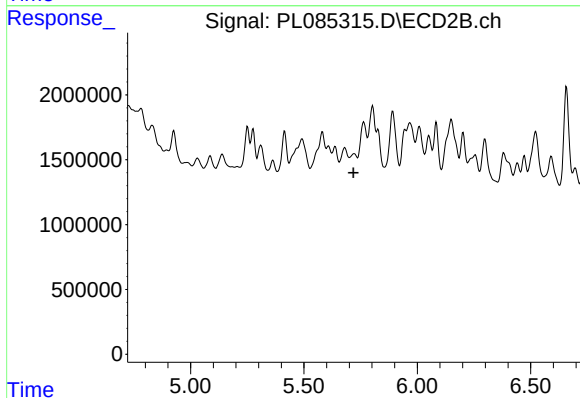
R.T.: 0.000 min  
Exp R.T.: 5.857 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

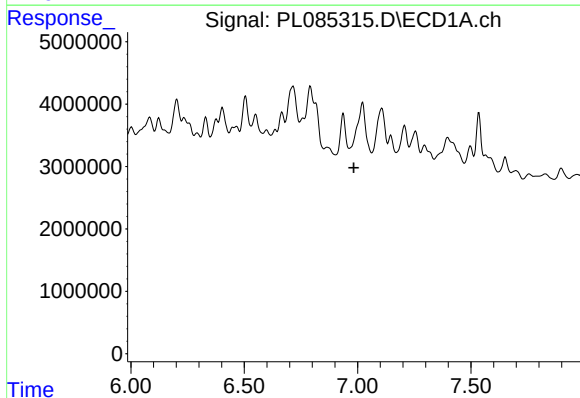
R.T.: 6.667 min  
Delta R.T.: -0.001 min  
Response: 3605729  
Conc: 2.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



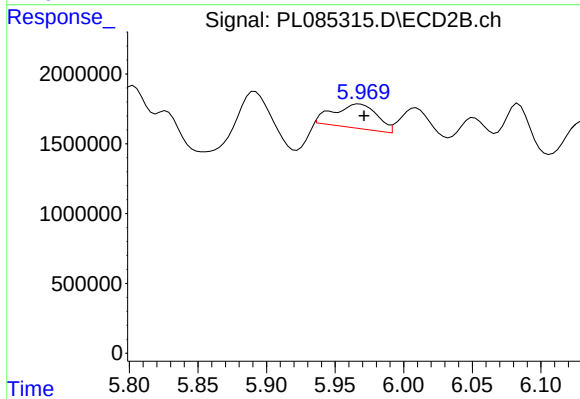
#16 4,4'-DDD

R.T.: 5.722 min  
Delta R.T.: 0.002 min  
Response: -238262  
Conc: N.D.



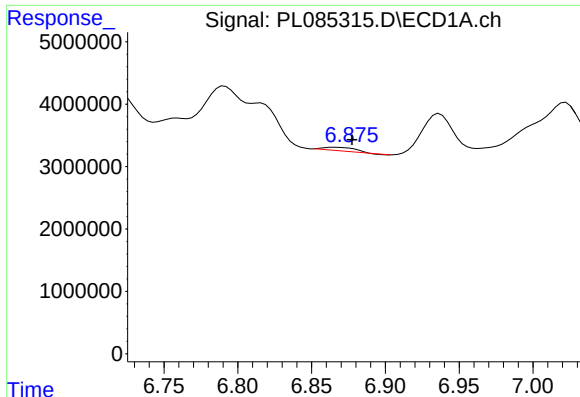
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.984 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

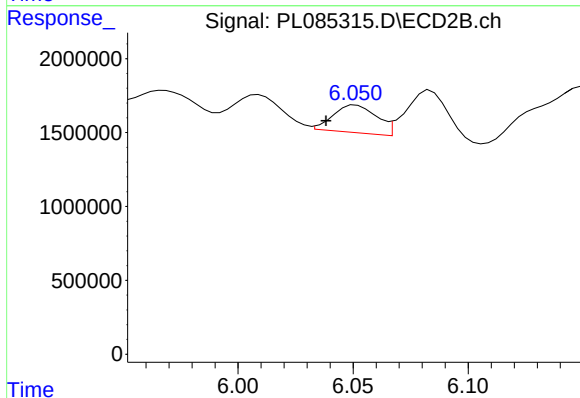
R.T.: 5.968 min  
Delta R.T.: -0.003 min  
Response: 3832208  
Conc: 3.29 ng/ml



#18 Endrin aldehyde

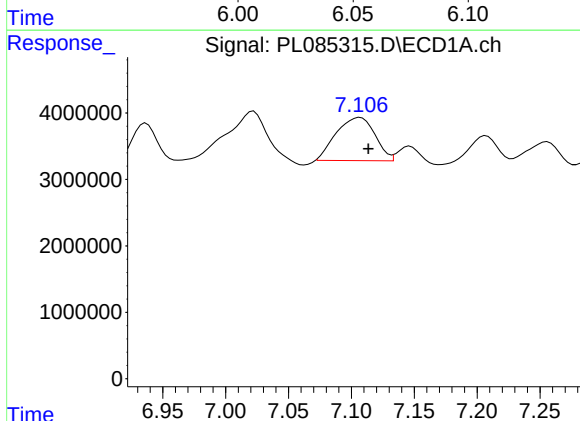
R.T.: 6.865 min  
Delta R.T.: -0.013 min  
Response: 856389  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



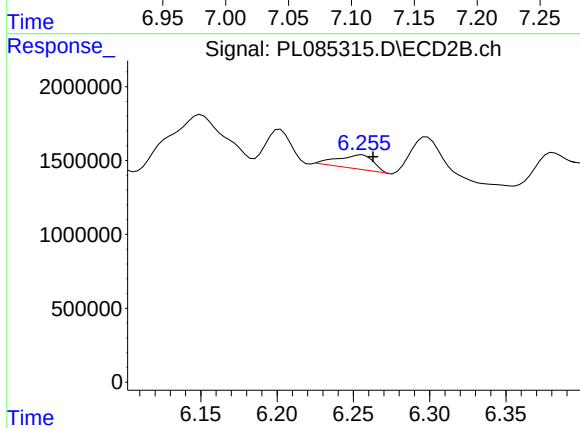
#18 Endrin aldehyde

R.T.: 6.051 min  
Delta R.T.: 0.013 min  
Response: 2471571  
Conc: 2.42 ng/ml



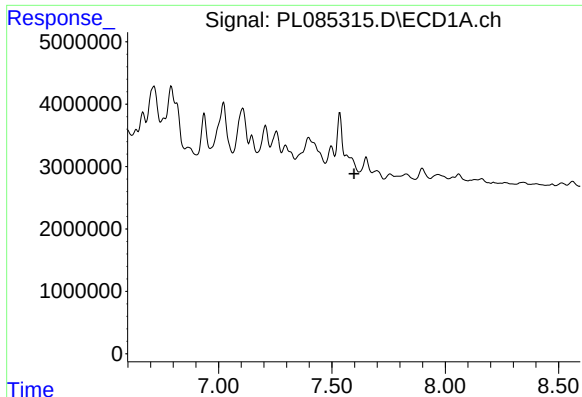
#19 Endosulfan Sulfate

R.T.: 7.107 min  
Delta R.T.: -0.006 min  
Response: 13907959  
Conc: 7.43 ng/ml



#19 Endosulfan Sulfate

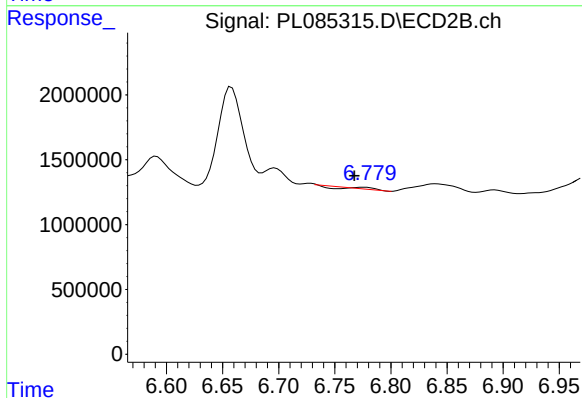
R.T.: 6.255 min  
Delta R.T.: -0.008 min  
Response: 1548924  
Conc: 1.29 ng/ml



#21 Endrin ketone

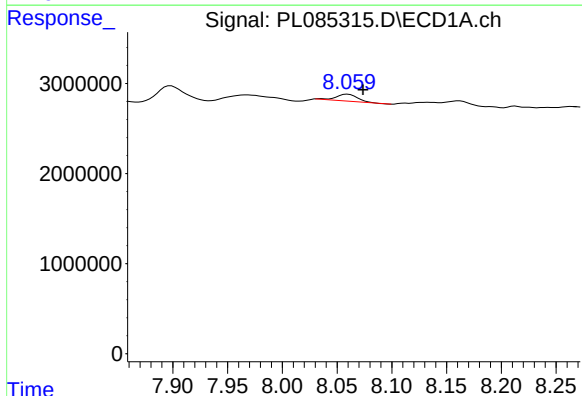
R.T.: 0.000 min  
Exp R.T.: 7.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



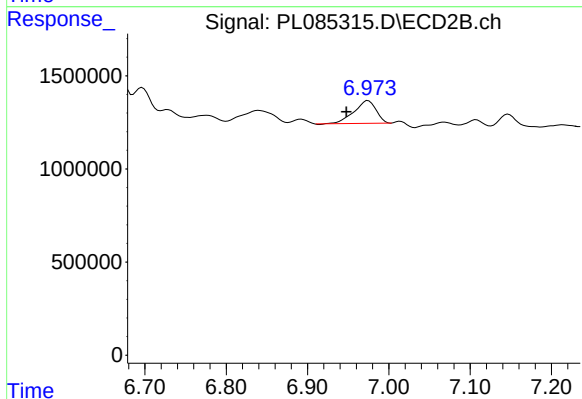
#21 Endrin ketone

R.T.: 6.776 min  
Delta R.T.: 0.009 min  
Response: 55554  
Conc: 0.04 ng/ml



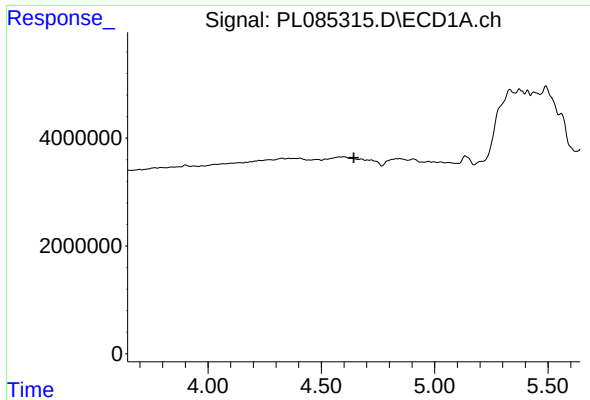
#22 Mirex

R.T.: 8.060 min  
Delta R.T.: -0.014 min  
Response: 1074516  
Conc: 0.65 ng/ml



#22 Mirex

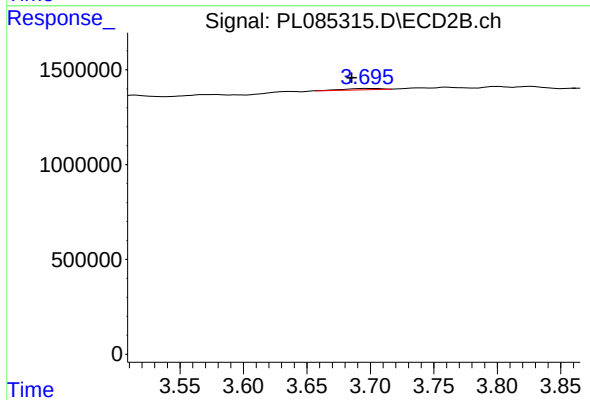
R.T.: 6.974 min  
Delta R.T.: 0.027 min  
Response: 2307054  
Conc: 1.95 ng/ml



#23 Chlordane-1

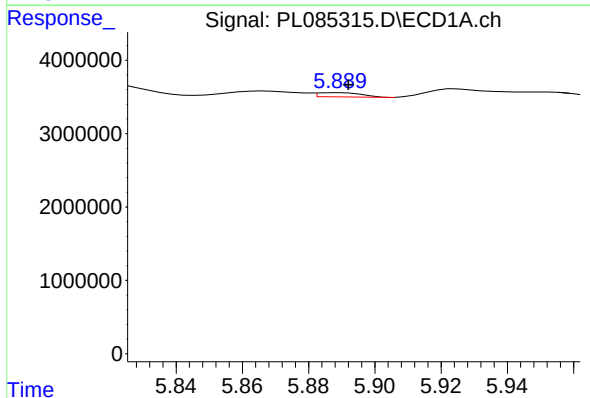
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



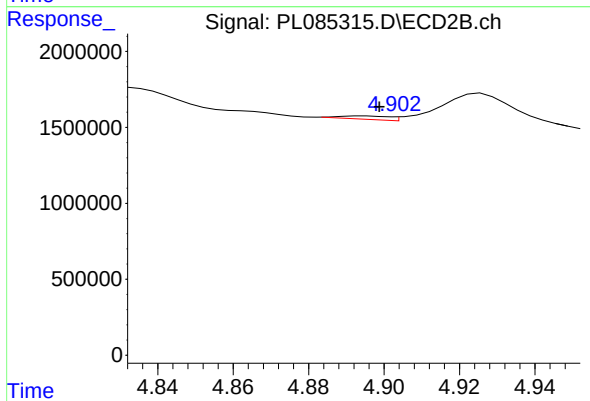
#23 Chlordane-1

R.T.: 3.697 min  
Delta R.T.: 0.012 min  
Response: 140118  
Conc: 3.61 ng/ml



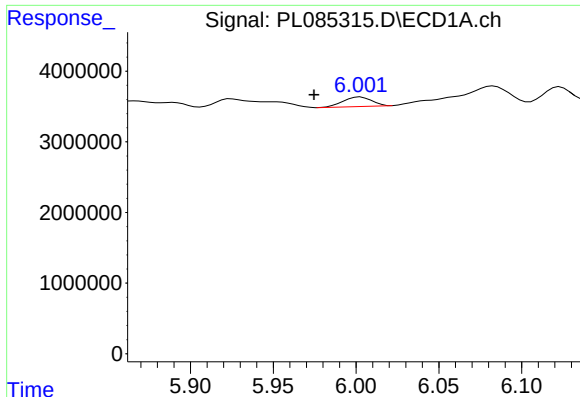
#25 Chlordane-3

R.T.: 5.889 min  
Delta R.T.: -0.003 min  
Response: 531694  
Conc: 1.47 ng/ml



#25 Chlordane-3

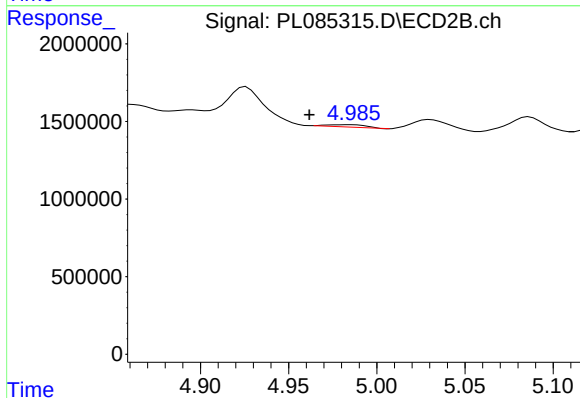
R.T.: 4.895 min  
Delta R.T.: -0.004 min  
Response: 203590  
Conc: 1.52 ng/ml



#26 Chlordane-4

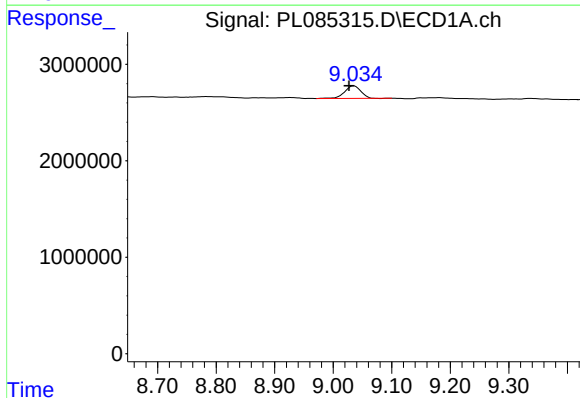
R.T.: 6.003 min  
Delta R.T.: 0.028 min  
Response: 1607352  
Conc: 3.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



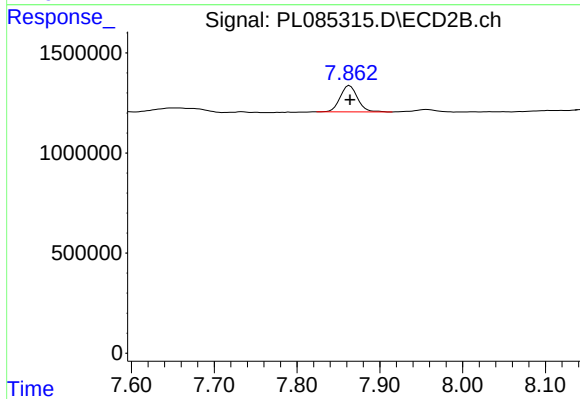
#26 Chlordane-4

R.T.: 4.986 min  
Delta R.T.: 0.024 min  
Response: 237871  
Conc: 1.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.035 min  
Delta R.T.: 0.008 min  
Response: 2504618  
Conc: 1.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 1916965  
Conc: 1.44 ng/ml