

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042423\  
 Data File : PL082310.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2023 18:37  
 Operator : AR\AJ  
 Sample : PB152346TB  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 22:43:09 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.325  | 2.649  | 43361653 | 36542280 | 16.233 | 15.773  |
| 28)                         | SA Decachlor... | 8.747  | 7.763  | 34558551 | 37225566 | 18.102 | 16.309  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.137  | 0        | 195949   | N.D.   | 0.058 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.491f | 0        | 904284   | N.D.   | 0.281 # |
| 4)                          | MA Heptachlor   | 4.687  | 0.000  | 2602938  | 0        | 0.712  | N.D. #  |
| 5)                          | MB Aldrin       | 0.000  | 4.055f | 0        | 215643   | N.D.   | 0.068 # |
| 6)                          | B beta-BHC      | 4.307  | 0.000  | 1024908  | 0        | 0.601  | N.D. #  |
| 7)                          | B delta-BHC     | 0.000  | 3.995  | 0        | 217386   | N.D.   | 0.071 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.579  | 0        | 42454    | N.D.   | 0.015 # |
| 9)                          | A Endosulfan I  | 5.846f | 4.943  | 1210898  | 57932    | 0.437  | 0.022 # |
| 10)                         | B gamma-Chl...  | 5.690  | 4.838  | 332203   | 97236    | 0.110  | 0.034 # |
| 11)                         | B alpha-Chl...  | 5.765  | 4.891  | 1377400  | 31271    | 0.462  | 0.011 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.103f | 0        | 22328    | N.D.   | 0.010 # |
| 14)                         | MA Endrin       | 0.000  | 5.515f | 0        | 57685    | N.D.   | 0.024 # |
| 15)                         | B Endosulfa...  | 6.542  | 5.810f | 421681   | 70987    | 0.173  | 0.031 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.887  | 0        | 38337    | N.D.   | 0.018 # |
| 18)                         | B Endrin al...  | 0.000  | 5.957  | 0        | 7061     | N.D.   | 0.004 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.197  | 0        | 63252    | N.D.   | 0.027 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.458  | 0        | 12801    | N.D.   | 0.011 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.699  | 0        | 18022    | N.D.   | 0.007 # |
| 22)                         | Mirex           | 0.000  | 6.861  | 0        | 728      | N.D.   | 0.000 # |
| 23)                         | Chlordane-1     | 0.000  | 3.650f | 0        | 300187   | N.D.   | 3.385 # |
| 24)                         | Chlordane-2     | 0.000  | 4.204  | 0        | 559009   | N.D.   | 4.985 # |
| 25)                         | Chlordane-3     | 5.690  | 4.838  | 332203   | 97236    | 0.770  | 0.342 # |
| 26)                         | Chlordane-4     | 5.765  | 4.891  | 1377400  | 31271    | 2.649  | 0.105 # |
| 27)                         | Chlordane-5     | 6.605  | 5.810f | 217154   | 70987    | 2.313  | 0.719 # |
| -----                       |                 |        |        |          |          |        |         |

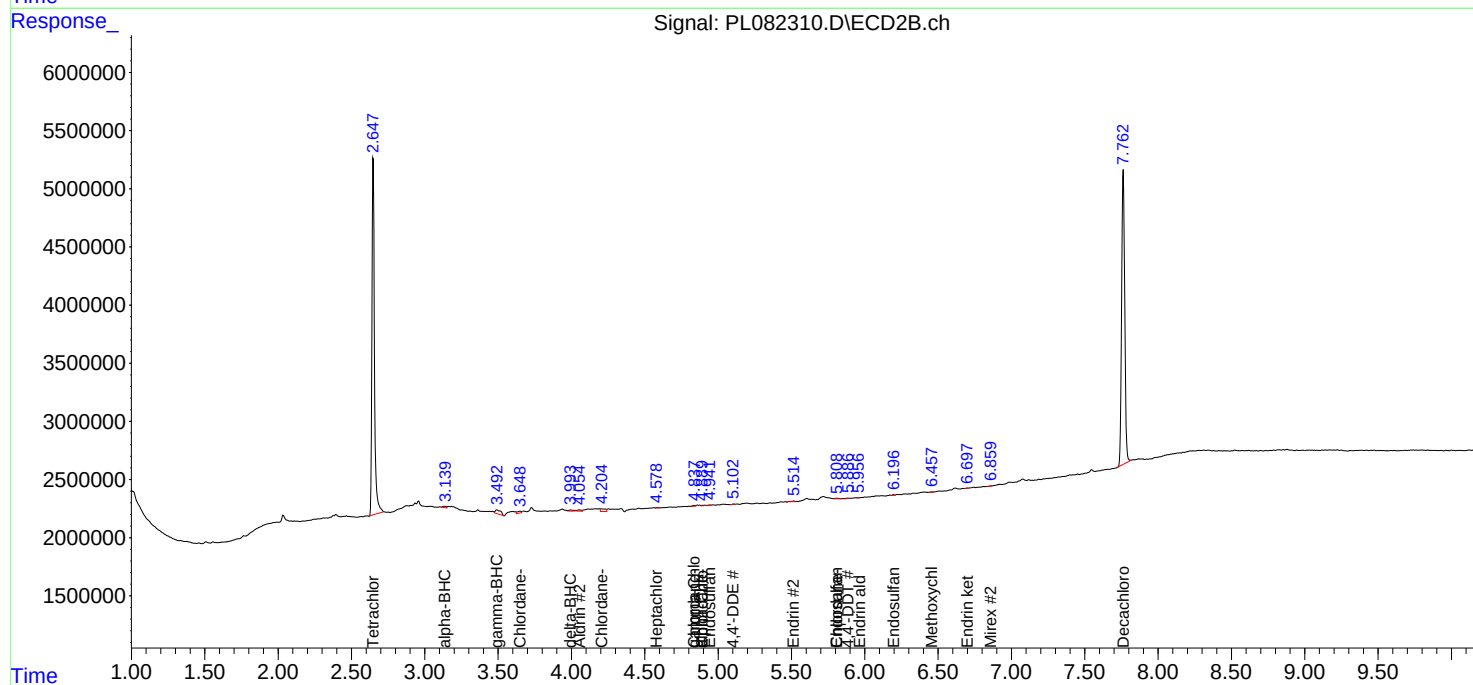
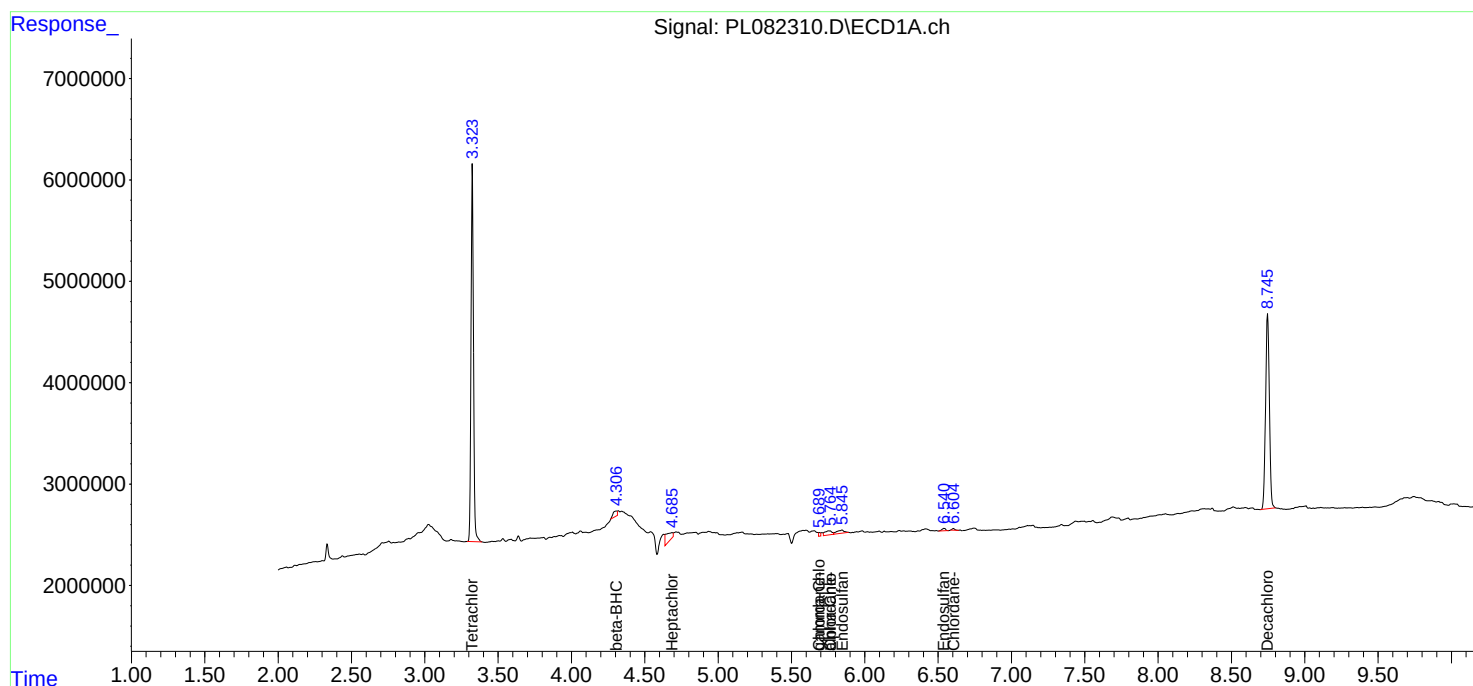
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

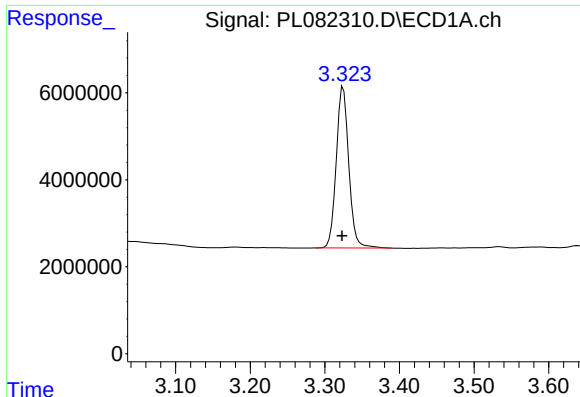
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042423\  
Data File : PL082310.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2023 18:37  
Operator : AR\AJ  
Sample : PB152346TB  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 22:43:09 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

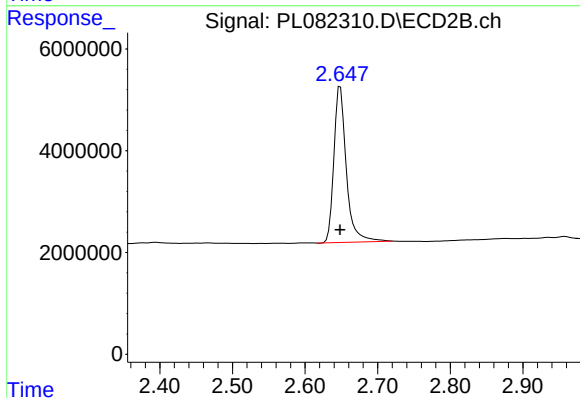




#1 Tetrachloro-m-xylene

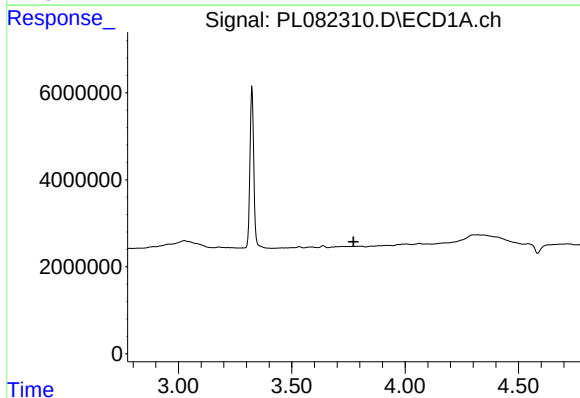
R.T.: 3.325 min  
Delta R.T.: 0.002 min  
Response: 43361653  
Conc: 16.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



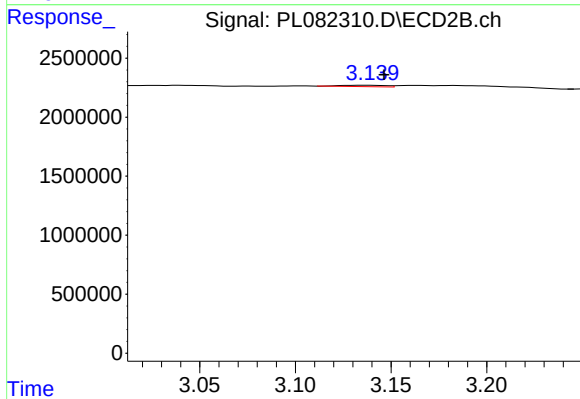
#1 Tetrachloro-m-xylene

R.T.: 2.649 min  
Delta R.T.: 0.000 min  
Response: 36542280  
Conc: 15.77 ng/ml



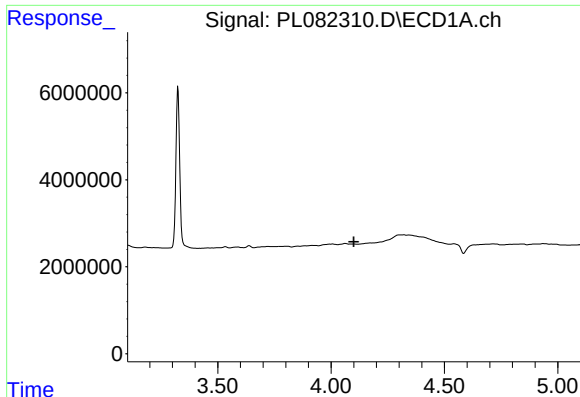
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.772 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

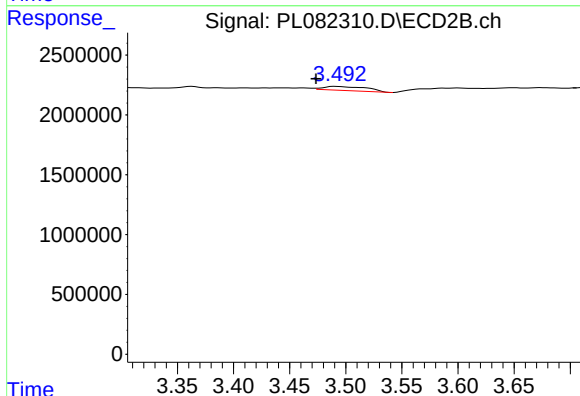
R.T.: 3.137 min  
Delta R.T.: -0.009 min  
Response: 195949  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

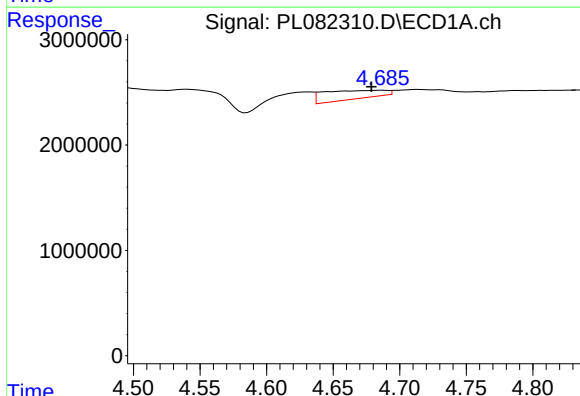
R.T.: 0.000 min  
Exp R.T.: 4.100 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



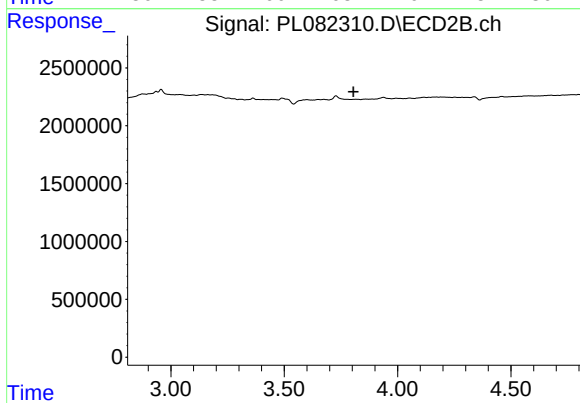
#3 gamma-BHC (Lindane)

R.T.: 3.491 min  
Delta R.T.: 0.017 min  
Response: 904284  
Conc: 0.28 ng/ml



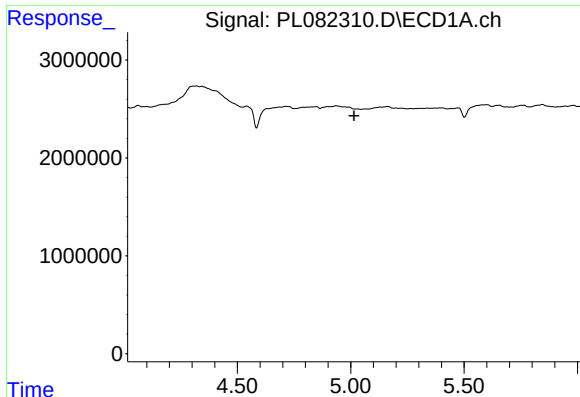
#4 Heptachlor

R.T.: 4.687 min  
Delta R.T.: 0.008 min  
Response: 2602938  
Conc: 0.71 ng/ml



#4 Heptachlor

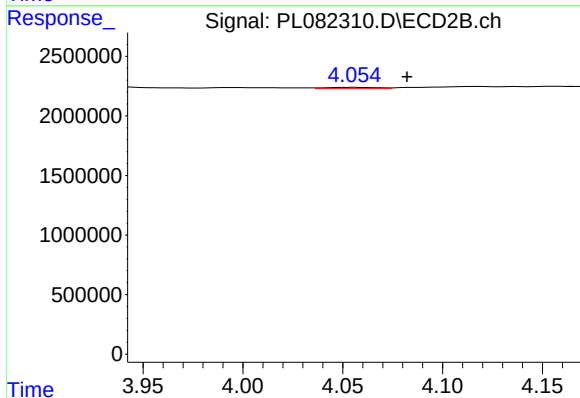
R.T.: 0.000 min  
Exp R.T.: 3.806 min  
Response: 0  
Conc: N.D.



#5 Aldrin

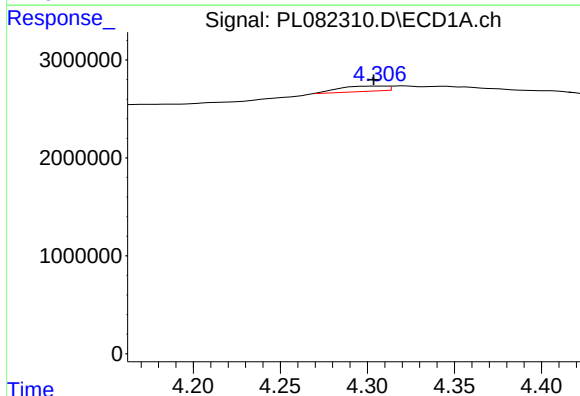
R.T.: 0.000 min  
Exp R.T.: 5.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



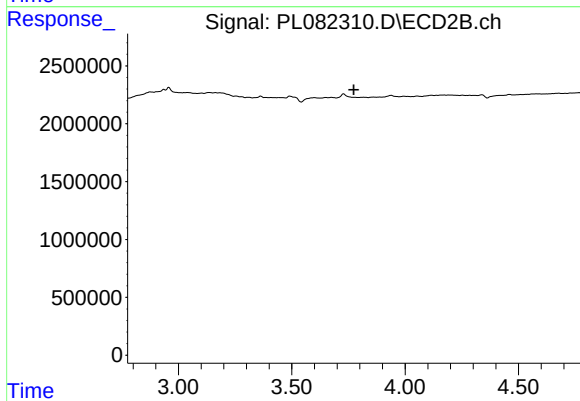
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: -0.027 min  
Response: 215643  
Conc: 0.07 ng/ml



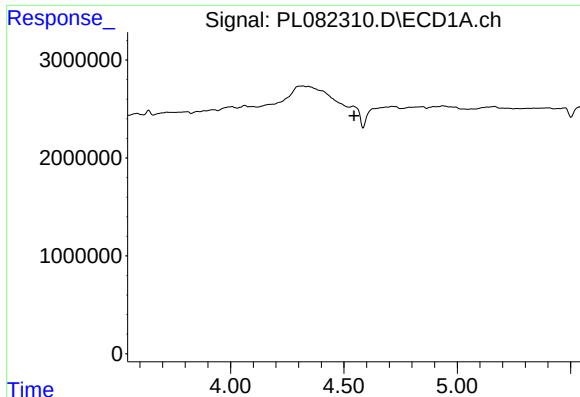
#6 beta-BHC

R.T.: 4.307 min  
Delta R.T.: 0.004 min  
Response: 1024908  
Conc: 0.60 ng/ml



#6 beta-BHC

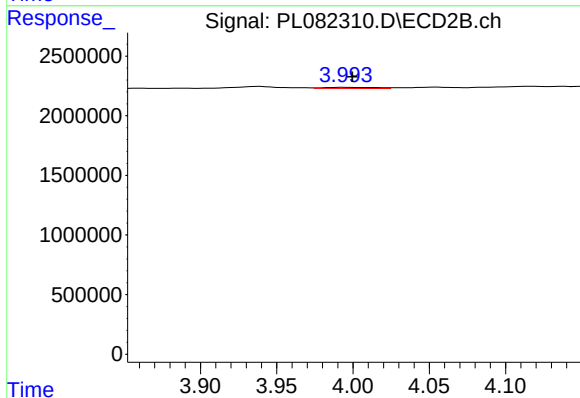
R.T.: 0.000 min  
Exp R.T.: 3.773 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

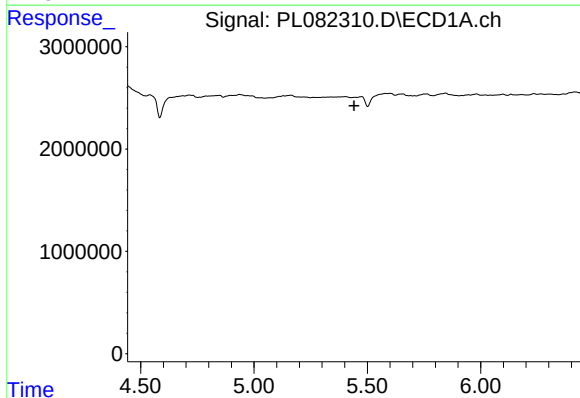
R.T.: 0.000 min  
Exp R.T.: 4.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



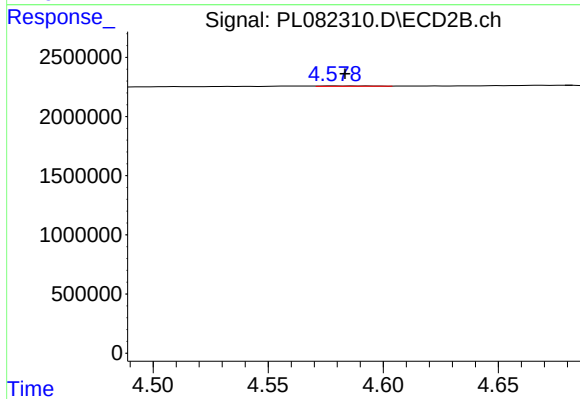
#7 delta-BHC

R.T.: 3.995 min  
Delta R.T.: -0.005 min  
Response: 217386  
Conc: 0.07 ng/ml



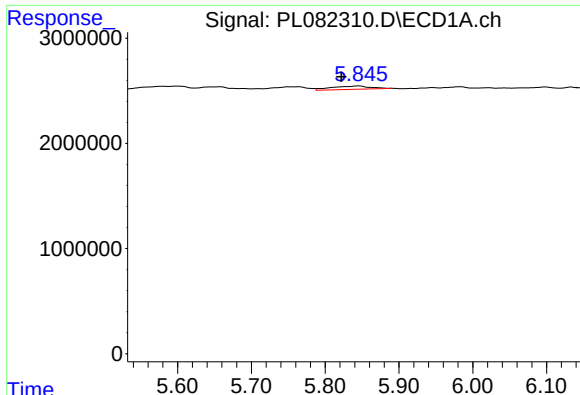
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.441 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

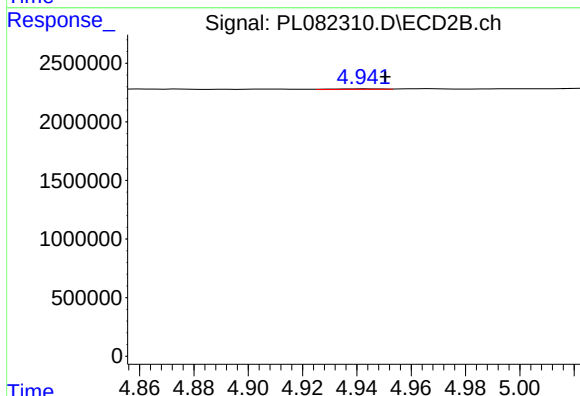
R.T.: 4.579 min  
Delta R.T.: -0.004 min  
Response: 42454  
Conc: 0.01 ng/ml



#9 Endosulfan I

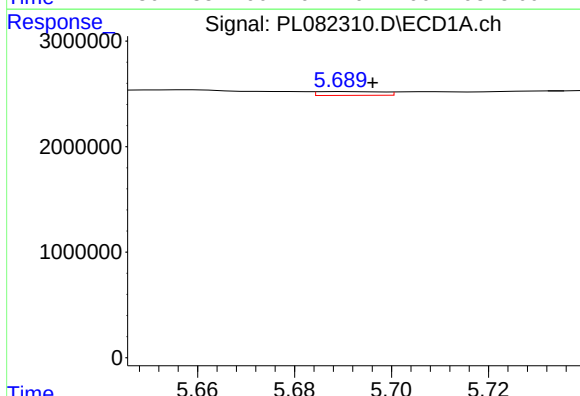
R.T.: 5.846 min  
Delta R.T.: 0.024 min  
Response: 1210898  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



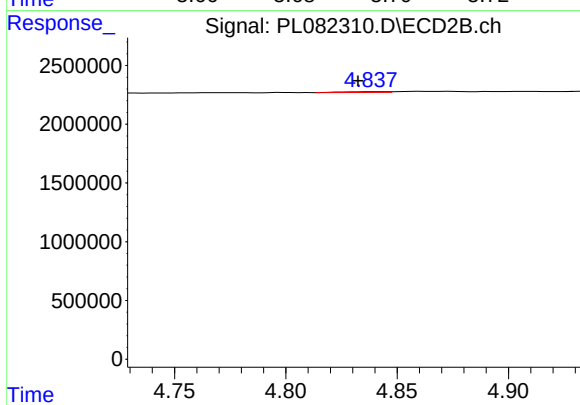
#9 Endosulfan I

R.T.: 4.943 min  
Delta R.T.: -0.008 min  
Response: 57932  
Conc: 0.02 ng/ml



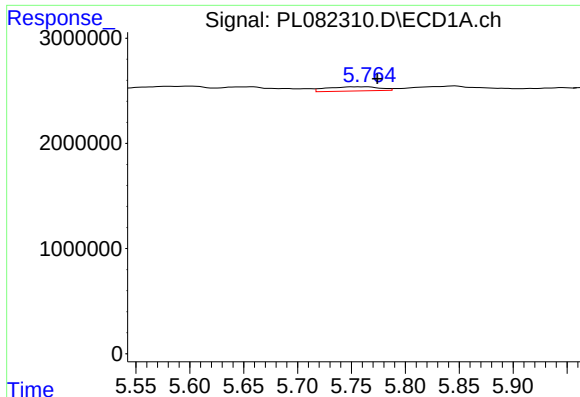
#10 gamma-Chlordane

R.T.: 5.690 min  
Delta R.T.: -0.006 min  
Response: 332203  
Conc: 0.11 ng/ml



#10 gamma-Chlordane

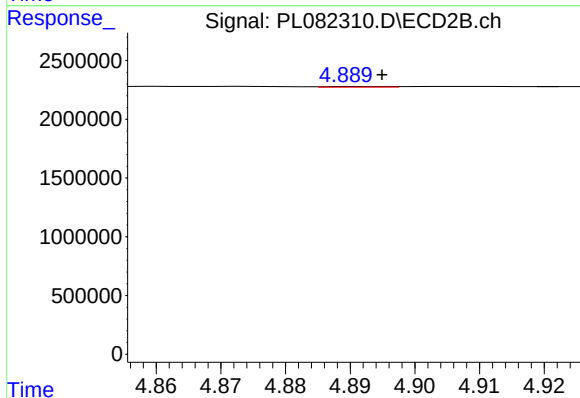
R.T.: 4.838 min  
Delta R.T.: 0.006 min  
Response: 97236  
Conc: 0.03 ng/ml



#11 alpha-Chlordane

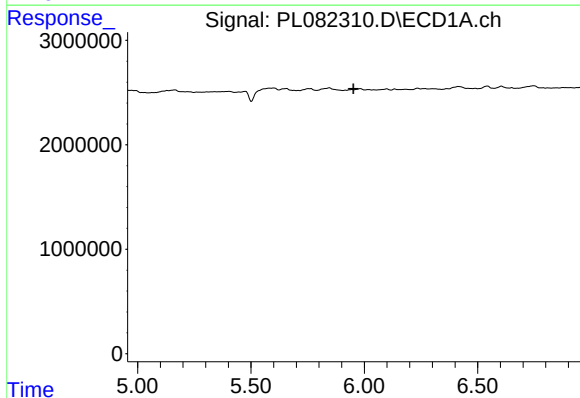
R.T.: 5.765 min  
Delta R.T.: -0.009 min  
Response: 1377400  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



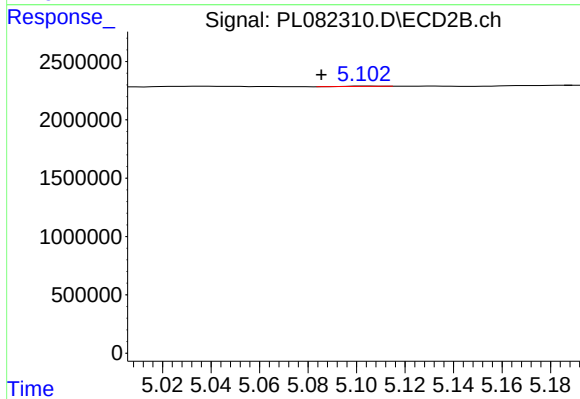
#11 alpha-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.004 min  
Response: 31271  
Conc: 0.01 ng/ml



#12 4,4'-DDE

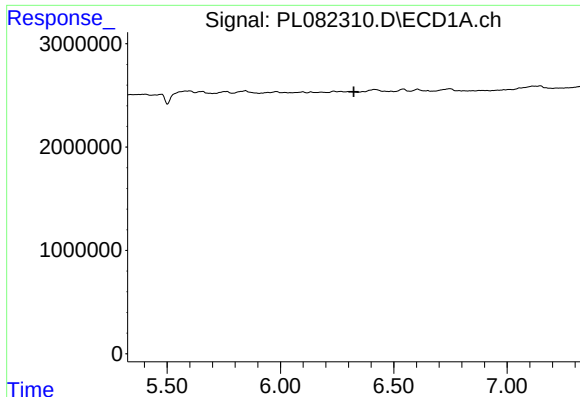
R.T.: 0.000 min  
Exp R.T. : 5.952 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.103 min  
Delta R.T.: 0.018 min  
Response: 22328  
Conc: 0.01 ng/ml

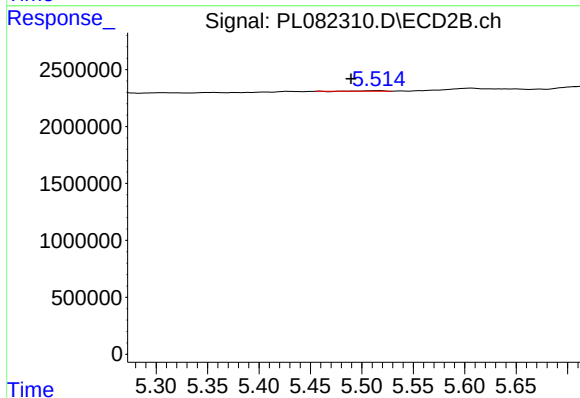




#14 Endrin

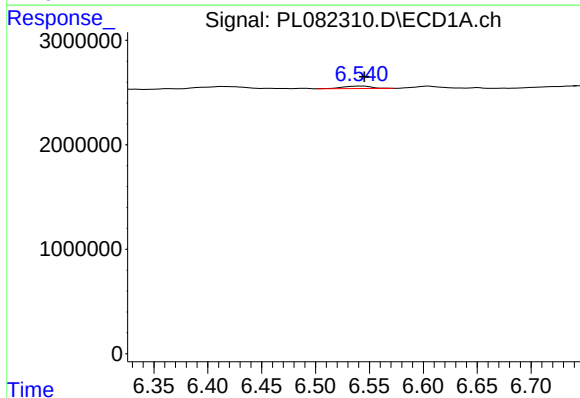
R.T.: 0.000 min  
Exp R.T.: 6.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



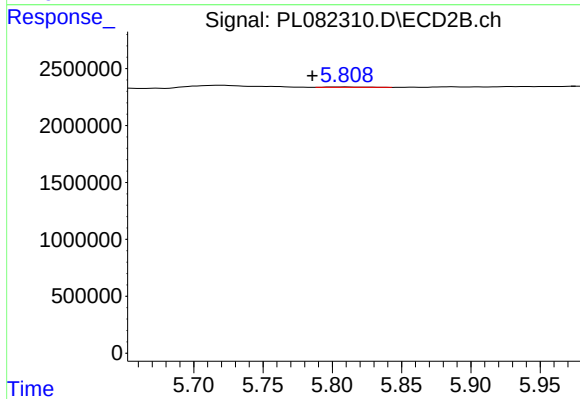
#14 Endrin

R.T.: 5.515 min  
Delta R.T.: 0.026 min  
Response: 57685  
Conc: 0.02 ng/ml



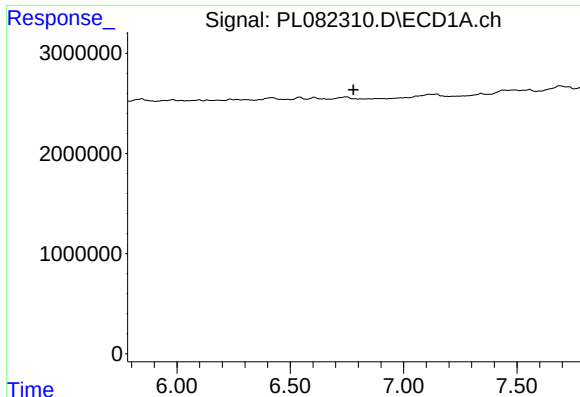
#15 Endosulfan II

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 421681  
Conc: 0.17 ng/ml



#15 Endosulfan II

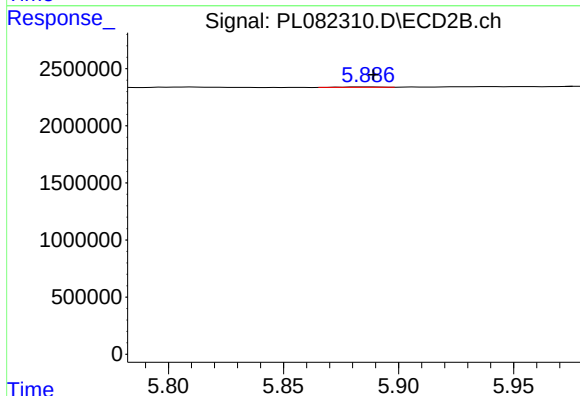
R.T.: 5.810 min  
Delta R.T.: 0.024 min  
Response: 70987  
Conc: 0.03 ng/ml



#17 4,4'-DDT

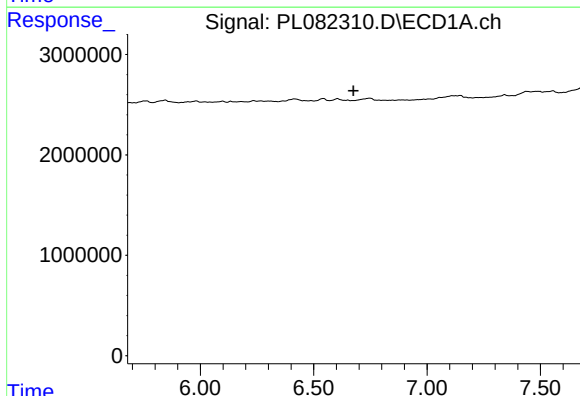
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



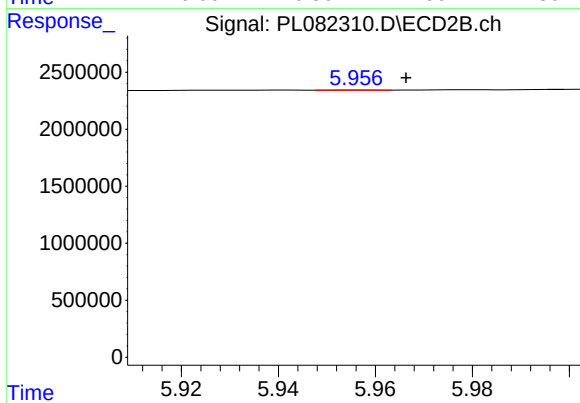
#17 4,4'-DDT

R.T.: 5.887 min  
Delta R.T.: -0.002 min  
Response: 38337  
Conc: 0.02 ng/ml



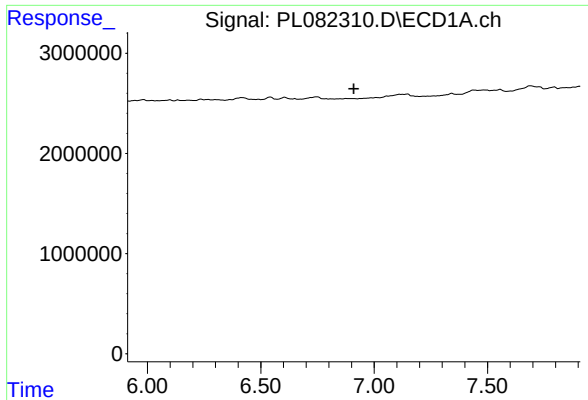
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.676 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

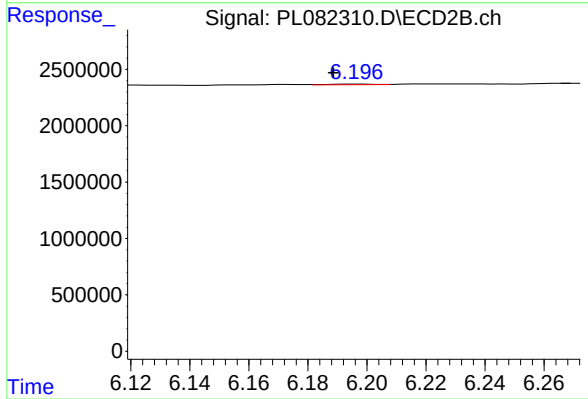
R.T.: 5.957 min  
Delta R.T.: -0.010 min  
Response: 7061  
Conc: 0.00 ng/ml



#19 Endosulfan Sulfate

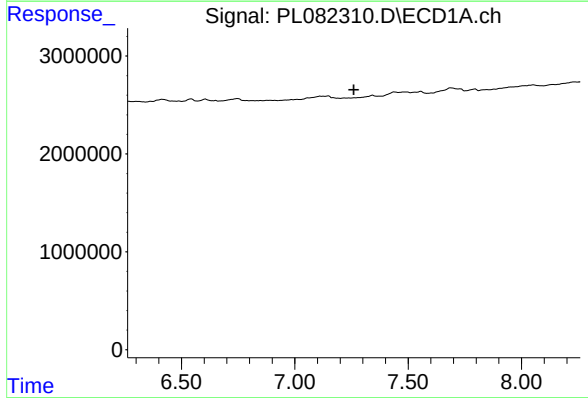
R.T.: 0.000 min  
Exp R.T.: 6.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



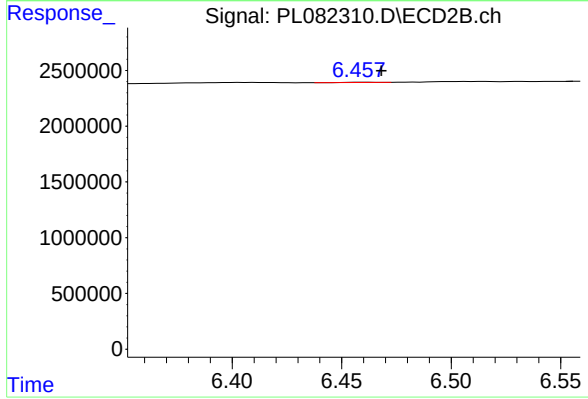
#19 Endosulfan Sulfate

R.T.: 6.197 min  
Delta R.T.: 0.009 min  
Response: 63252  
Conc: 0.03 ng/ml



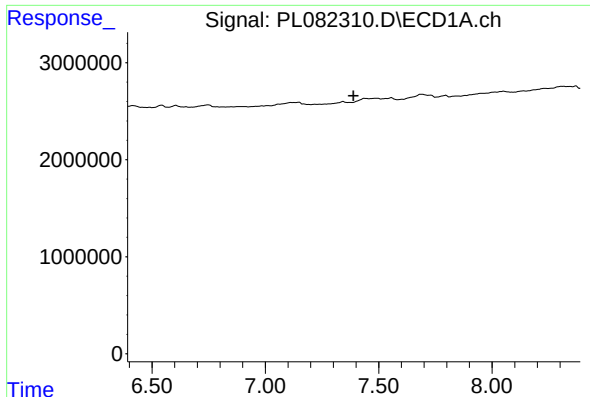
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.260 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

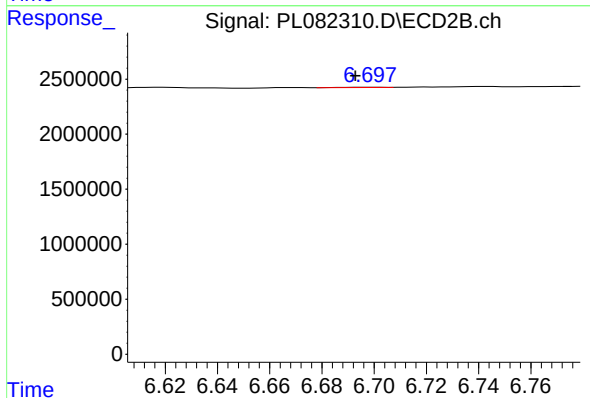
R.T.: 6.458 min  
Delta R.T.: -0.010 min  
Response: 12801  
Conc: 0.01 ng/ml



#21 Endrin ketone

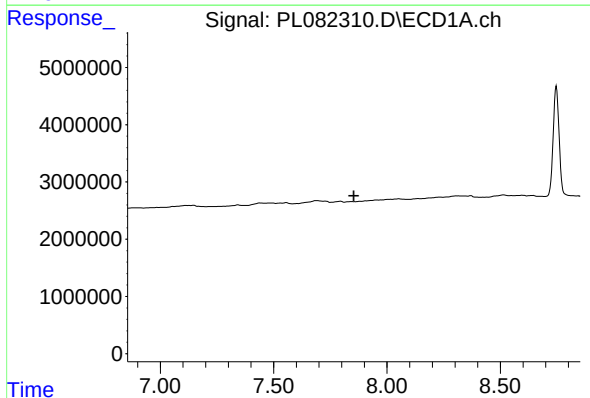
R.T.: 0.000 min  
Exp R.T.: 7.390 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



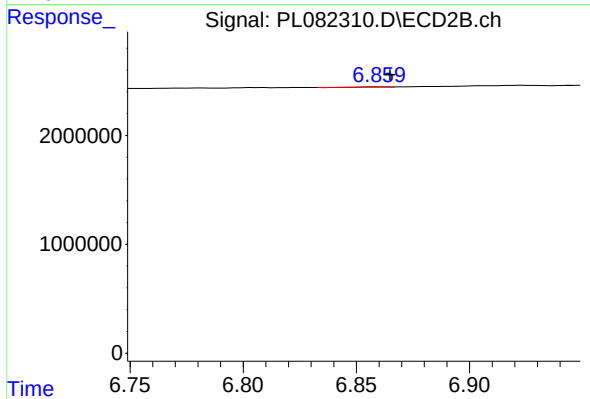
#21 Endrin ketone

R.T.: 6.699 min  
Delta R.T.: 0.007 min  
Response: 18022  
Conc: 0.01 ng/ml



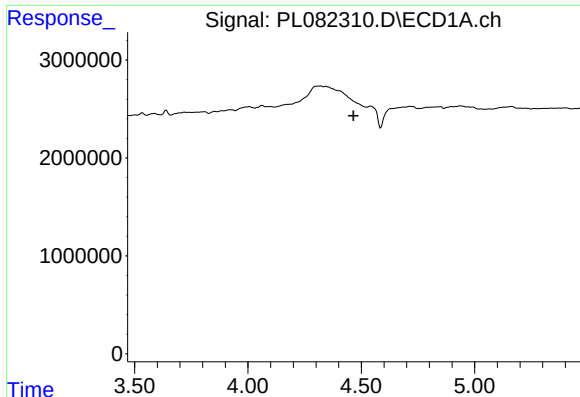
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.854 min  
Response: 0  
Conc: N.D.



#22 Mirex

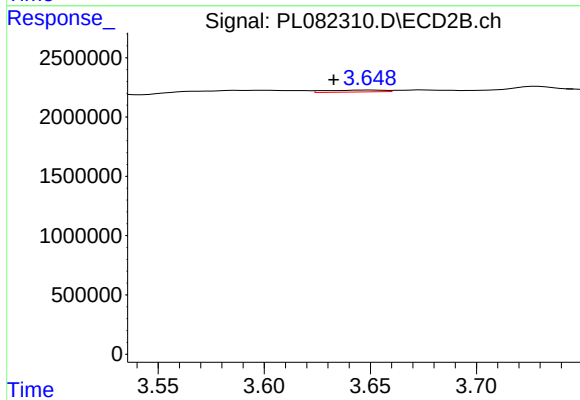
R.T.: 6.861 min  
Delta R.T.: -0.004 min  
Response: 728  
Conc: 0.00 ng/ml



#23 Chlordane-1

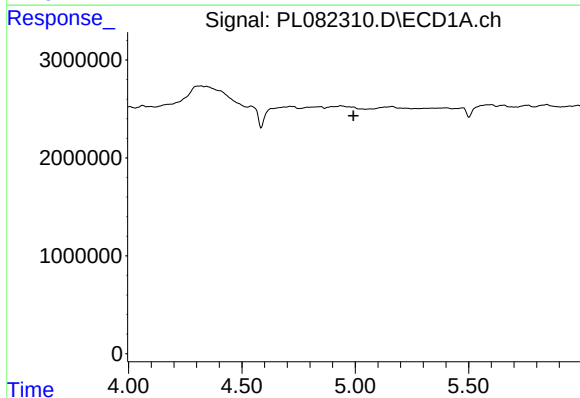
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



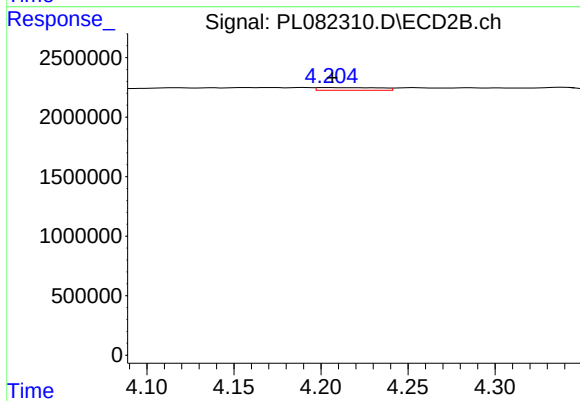
#23 Chlordane-1

R.T.: 3.650 min  
Delta R.T.: 0.017 min  
Response: 300187  
Conc: 3.38 ng/ml



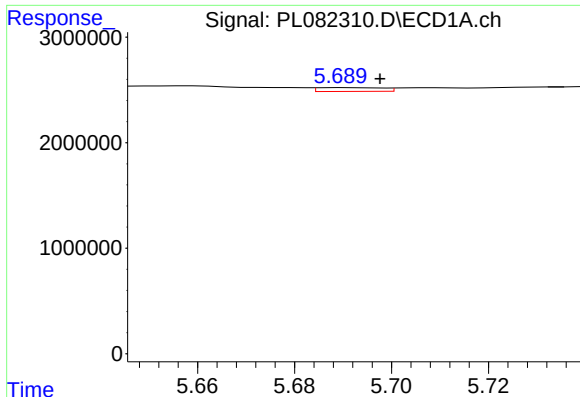
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.992 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

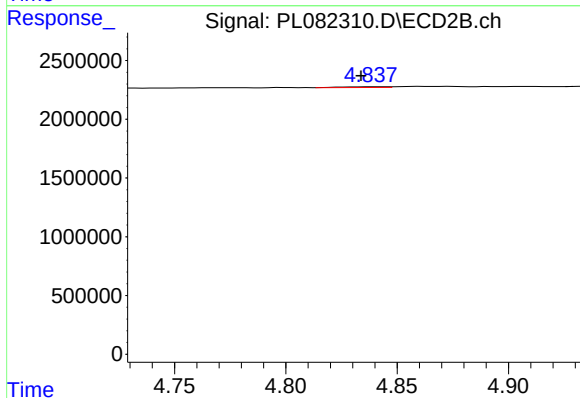
R.T.: 4.204 min  
Delta R.T.: -0.002 min  
Response: 559009  
Conc: 4.98 ng/ml



#25 Chlordane-3

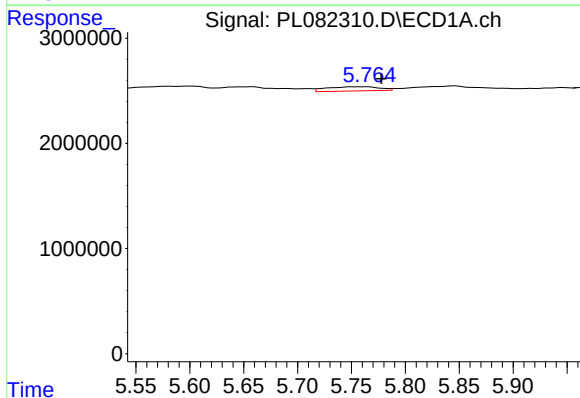
R.T.: 5.690 min  
Delta R.T.: -0.008 min  
Response: 332203  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



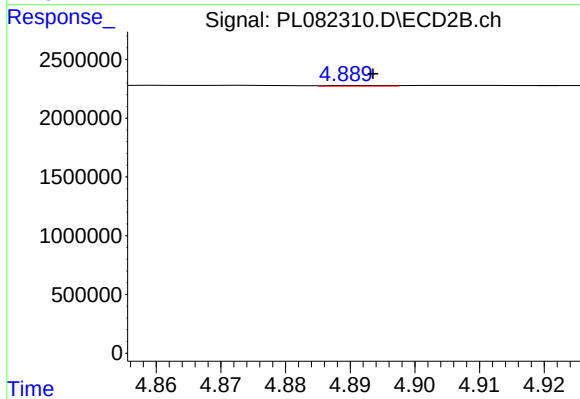
#25 Chlordane-3

R.T.: 4.838 min  
Delta R.T.: 0.005 min  
Response: 97236  
Conc: 0.34 ng/ml



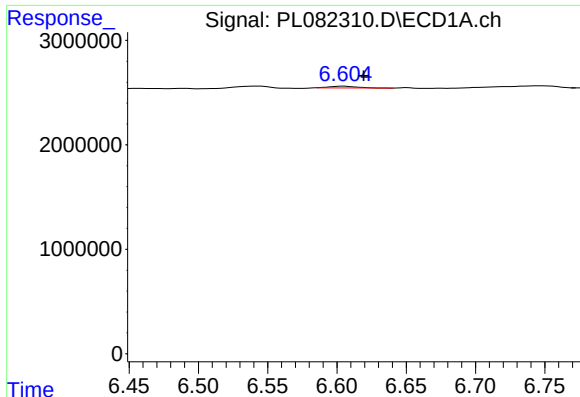
#26 Chlordane-4

R.T.: 5.765 min  
Delta R.T.: -0.012 min  
Response: 1377400  
Conc: 2.65 ng/ml



#26 Chlordane-4

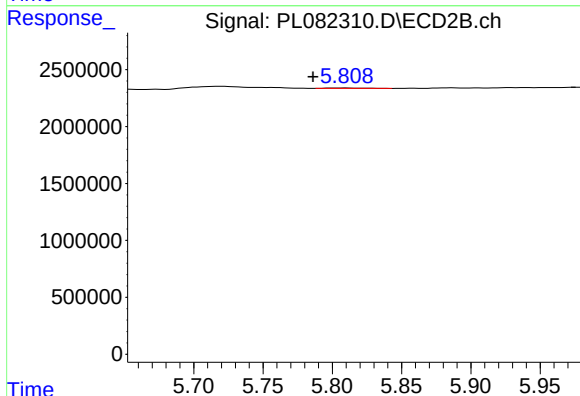
R.T.: 4.891 min  
Delta R.T.: -0.003 min  
Response: 31271  
Conc: 0.10 ng/ml



#27 Chlordane-5

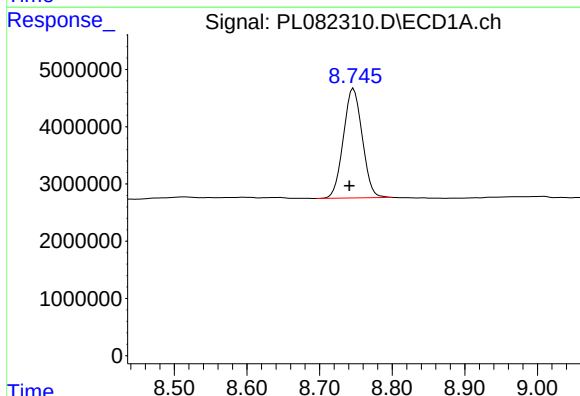
R.T.: 6.605 min  
Delta R.T.: -0.014 min  
Response: 217154  
Conc: 2.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



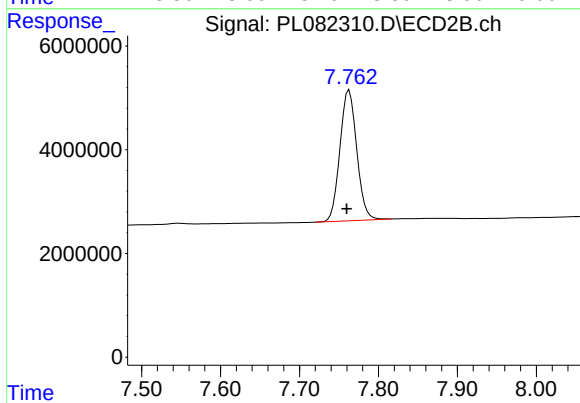
#27 Chlordane-5

R.T.: 5.810 min  
Delta R.T.: 0.024 min  
Response: 70987  
Conc: 0.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min  
Delta R.T.: 0.006 min  
Response: 34558551  
Conc: 18.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.763 min  
Delta R.T.: 0.003 min  
Response: 37225566  
Conc: 16.31 ng/ml