

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022423\  
 Data File : PL081120.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2023 13:04  
 Operator : AR\AJ  
 Sample : PB151055BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 00:20:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 20 18:06:39 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... | 3.359  | 2.685  | 40960549 | 37463604 | 17.572 | 16.280  |
| 2)                          | SA Decachlor... | 8.798  | 7.832  | 36986349 | 41449225 | 18.918 | 17.693  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.820f | 3.189  | 147157   | 20543    | 0.042  | 0.006 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.539f | 0        | 248526   | N.D.   | 0.079 # |
| 4)                          | MA Heptachlor   | 4.714  | 3.854  | 251623   | 10083    | 0.077  | 0.003 # |
| 5)                          | MB Aldrin       | 5.039  | 4.150  | 58957    | 163387   | 0.020  | 0.053 # |
| 7)                          | B delta-BHC     | 4.579  | 4.036  | 685587   | 95082    | 0.214  | 0.031 # |
| 8)                          | B Heptachlo...  | 5.496f | 4.631  | 1656538  | 53513    | 0.595  | 0.019 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.037f | 0        | 156757   | N.D.   | 0.059 # |
| 10)                         | B gamma-Chl...  | 5.736  | 4.894  | 321407   | 18331    | 0.115  | 0.006 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.952  | 0        | 13645    | N.D.   | 0.005 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.153  | 0        | 722913   | N.D.   | 0.303 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.267  | 0        | 28081    | N.D.   | 0.010 # |
| 14)                         | MA Endrin       | 0.000  | 5.538  | 0        | 29690    | N.D.   | 0.012 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.840  | 0        | 82110    | N.D.   | 0.036 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.957  | 0        | 8535     | N.D.   | 0.004 # |
| 18)                         | B Endrin al...  | 0.000  | 6.026  | 0        | 4122     | N.D.   | 0.002 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.236  | 0        | 32430    | N.D.   | 0.014 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.520  | 0        | 82125    | N.D.   | 0.068 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.750  | 0        | 25185    | N.D.   | 0.010 # |
| 22)                         | Mirex           | 7.893  | 6.944  | 116164   | 122353   | 0.062  | 0.053   |
| 23)                         | Chlordane-1     | 0.000  | 3.687  | 0        | 27037    | N.D.   | 0.332 # |
| 24)                         | Chlordane-2     | 5.039  | 4.260  | 58957    | 13596    | 0.580  | 0.150 # |
| 25)                         | Chlordane-3     | 5.736  | 4.894  | 321407   | 18331    | 0.846  | 0.070 # |
| 26)                         | Chlordane-4     | 0.000  | 4.952  | 0        | 13645    | N.D.   | 0.051 # |
| 27)                         | Chlordane-5     | 0.000  | 5.621  | 0        | 164290   | N.D.   | 2.134 # |
| -----                       |                 |        |        |          |          |        |         |

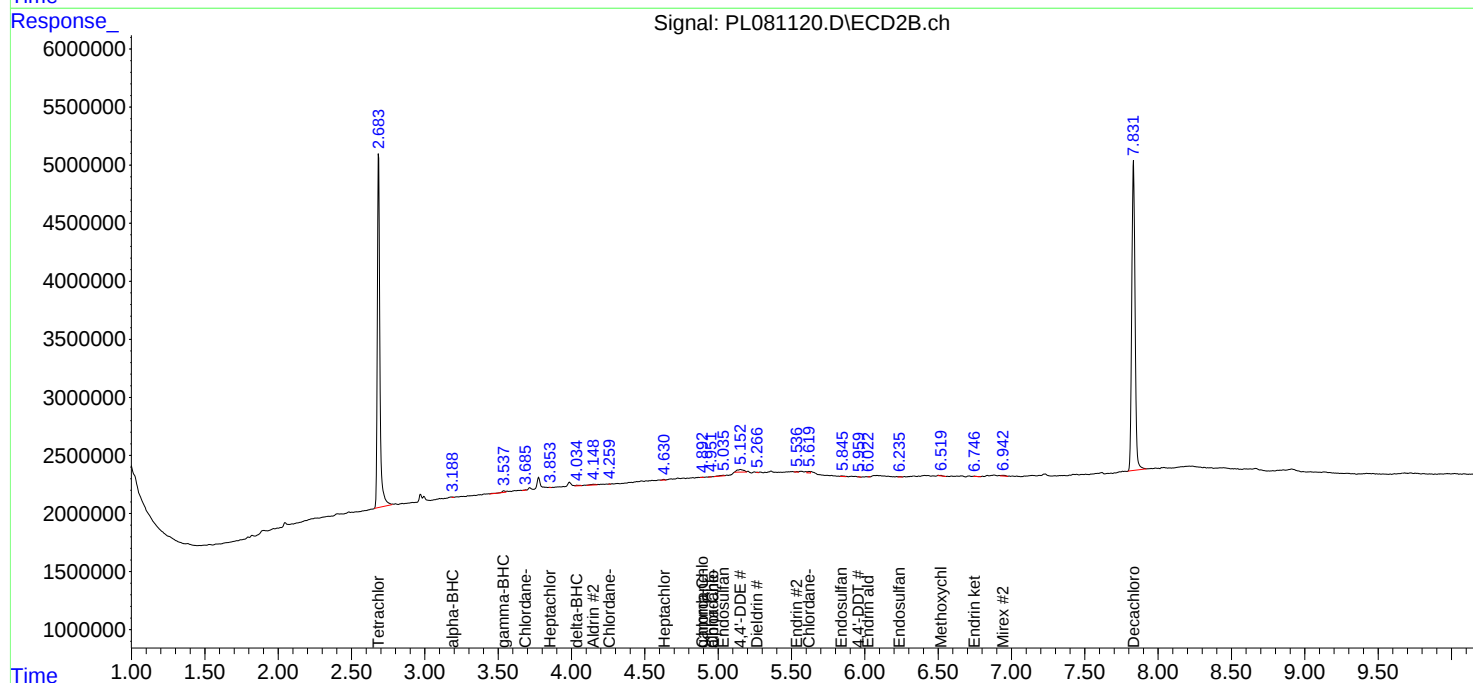
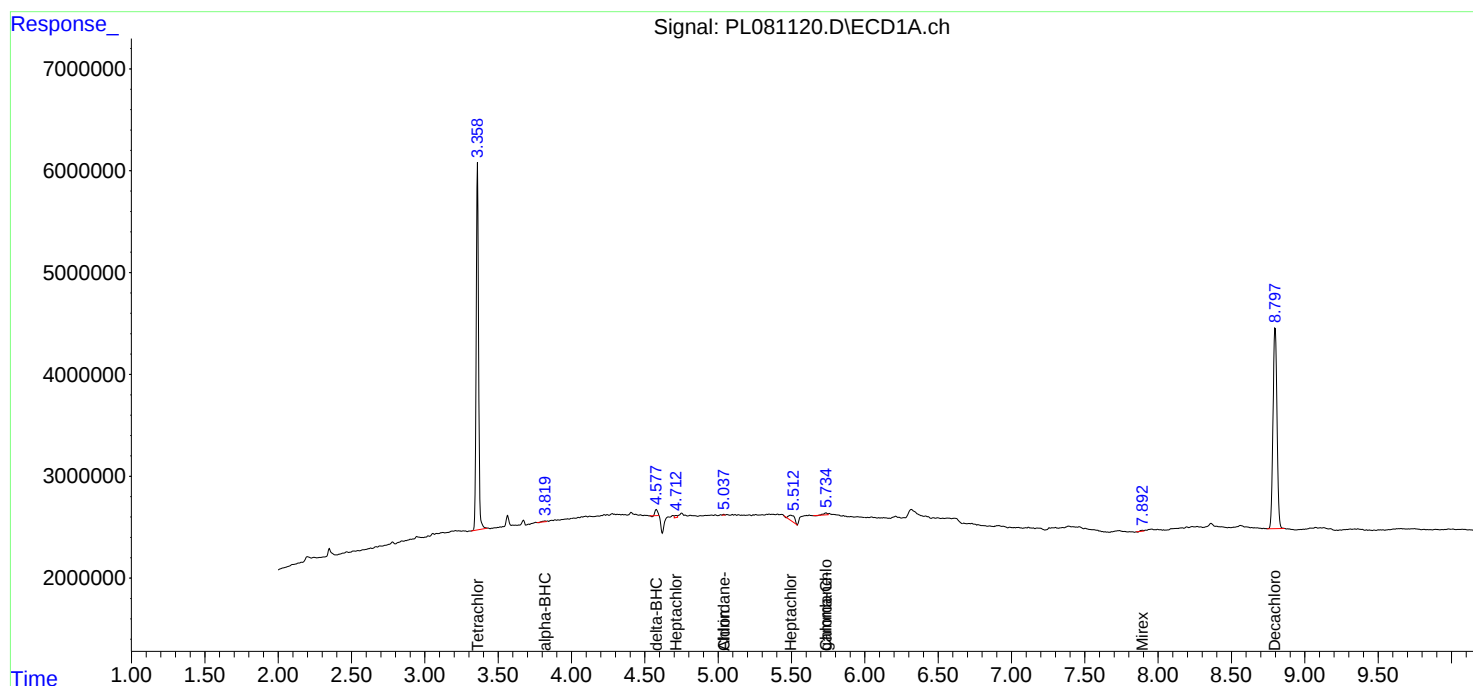
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

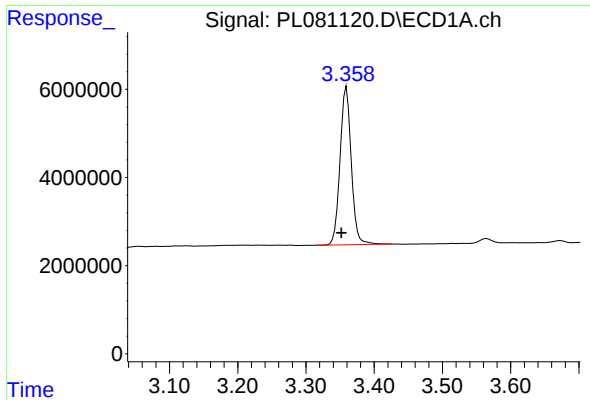
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022423\  
Data File : PL081120.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2023 13:04  
Operator : AR\AJ  
Sample : PB151055BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 25 00:20:46 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 20 18:06:39 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

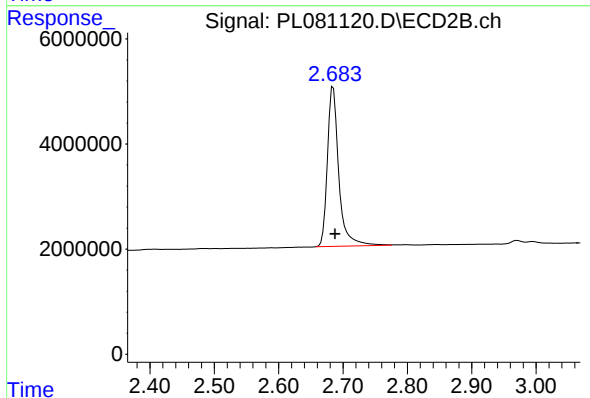




#1 Tetrachloro-m-xylene

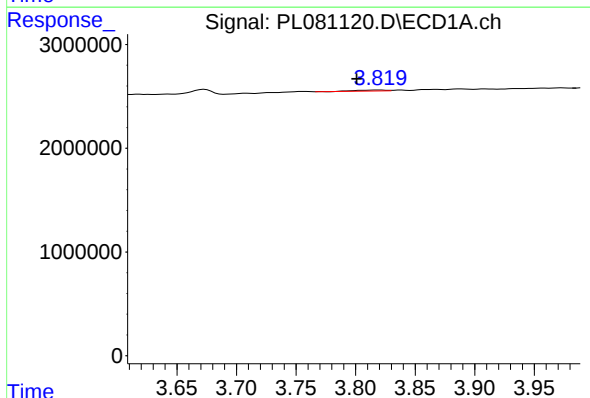
R.T.: 3.359 min  
Delta R.T.: 0.007 min  
Response: 40960549  
Conc: 17.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



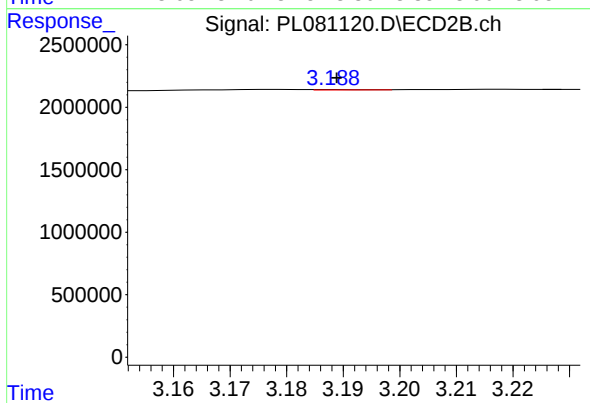
#1 Tetrachloro-m-xylene

R.T.: 2.685 min  
Delta R.T.: -0.003 min  
Response: 37463604  
Conc: 16.28 ng/ml



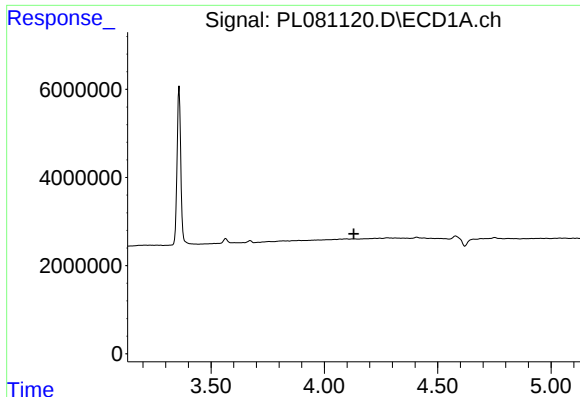
#2 alpha-BHC

R.T.: 3.820 min  
Delta R.T.: 0.019 min  
Response: 147157  
Conc: 0.04 ng/ml



#2 alpha-BHC

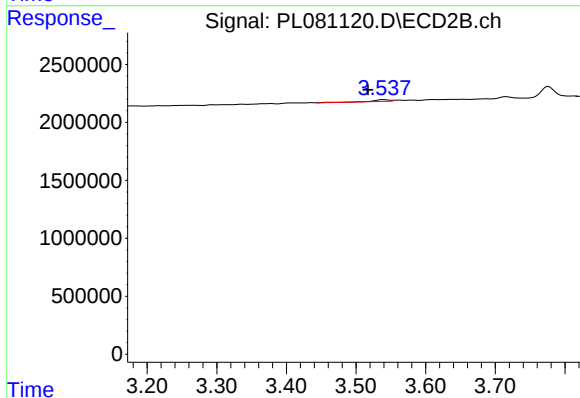
R.T.: 3.189 min  
Delta R.T.: 0.000 min  
Response: 20543  
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

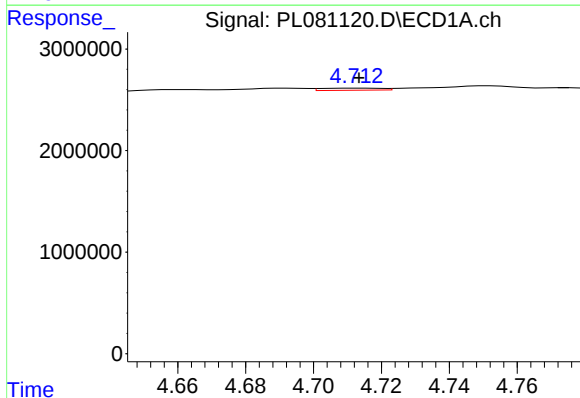
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



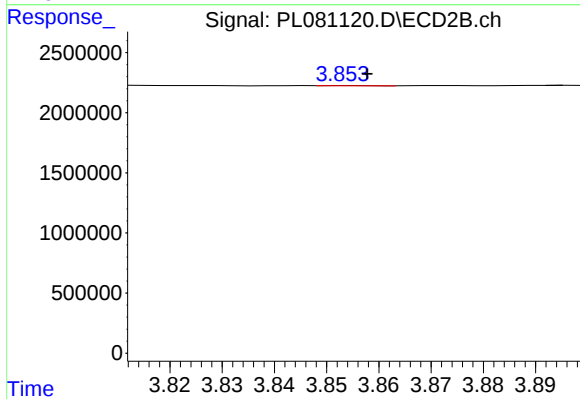
#3 gamma-BHC (Lindane)

R.T.: 3.539 min  
Delta R.T.: 0.021 min  
Response: 248526  
Conc: 0.08 ng/ml



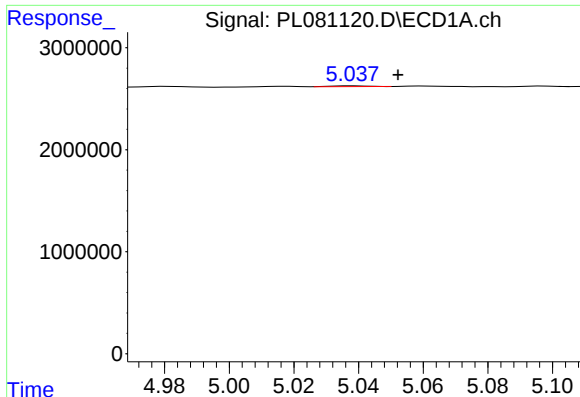
#4 Heptachlor

R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 251623  
Conc: 0.08 ng/ml



#4 Heptachlor

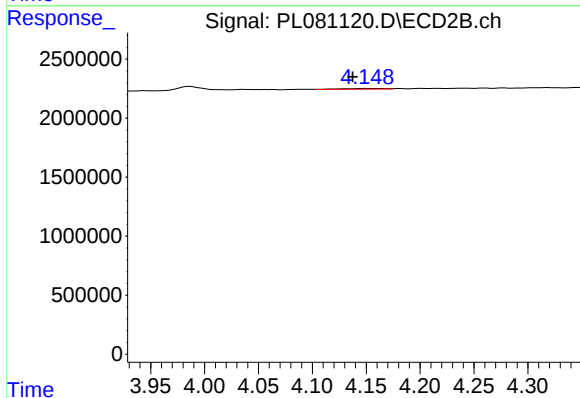
R.T.: 3.854 min  
Delta R.T.: -0.004 min  
Response: 10083  
Conc: 0.00 ng/ml



#5 Aldrin

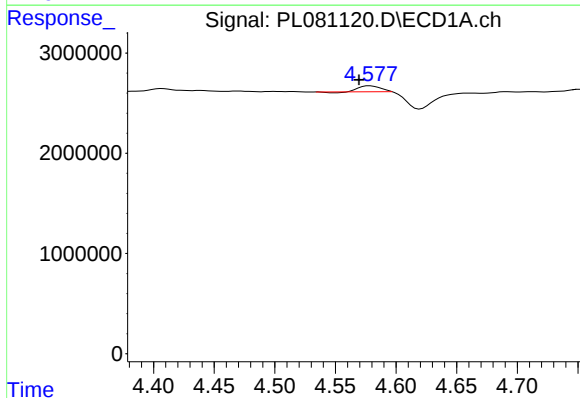
R.T.: 5.039 min  
Delta R.T.: -0.014 min  
Response: 58957  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



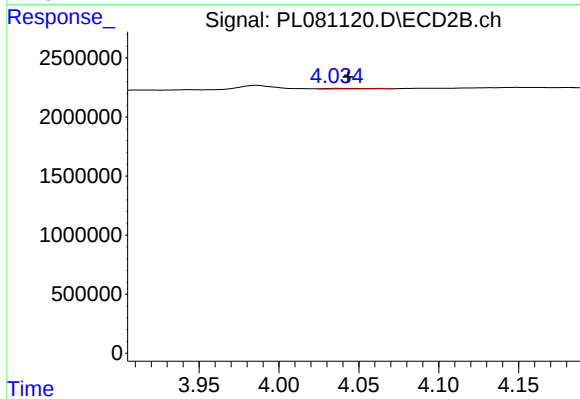
#5 Aldrin

R.T.: 4.150 min  
Delta R.T.: 0.012 min  
Response: 163387  
Conc: 0.05 ng/ml



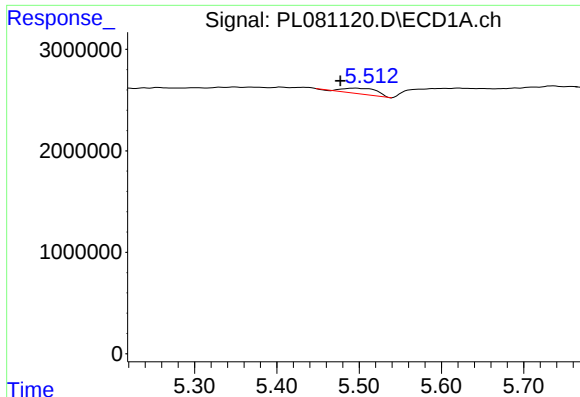
#7 delta-BHC

R.T.: 4.579 min  
Delta R.T.: 0.009 min  
Response: 685587  
Conc: 0.21 ng/ml



#7 delta-BHC

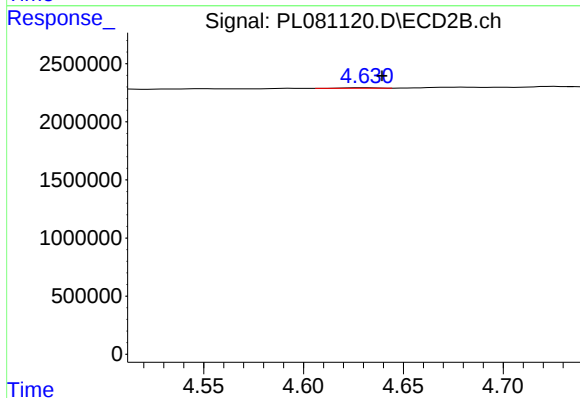
R.T.: 4.036 min  
Delta R.T.: -0.007 min  
Response: 95082  
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

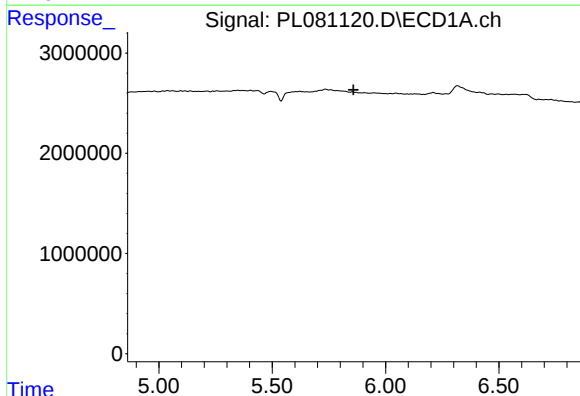
R.T.: 5.496 min  
Delta R.T.: 0.019 min  
Response: 1656538  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



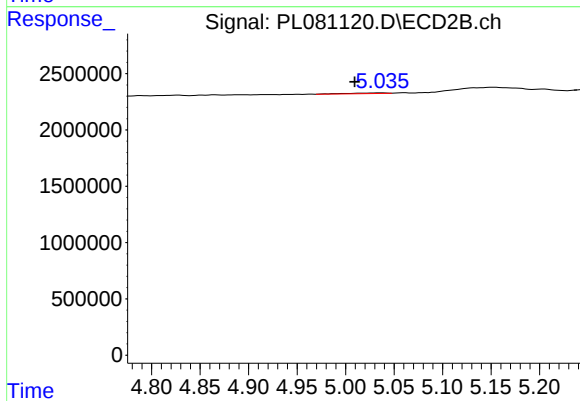
#8 Heptachlor epoxide

R.T.: 4.631 min  
Delta R.T.: -0.009 min  
Response: 53513  
Conc: 0.02 ng/ml



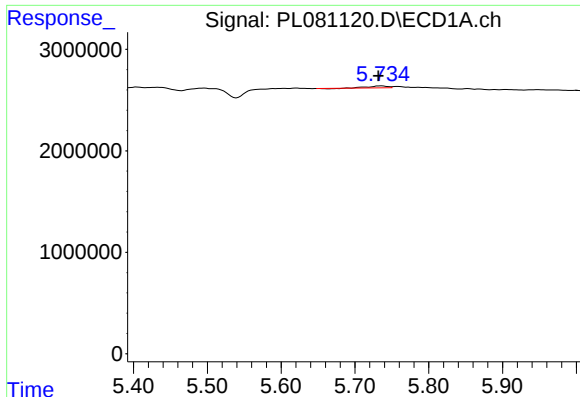
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.859 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

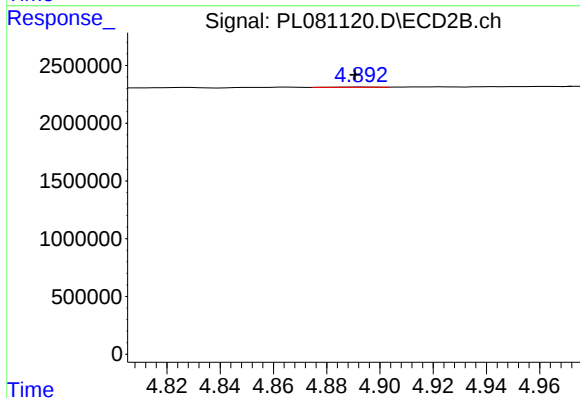
R.T.: 5.037 min  
Delta R.T.: 0.027 min  
Response: 156757  
Conc: 0.06 ng/ml



#10 gamma-Chlordane

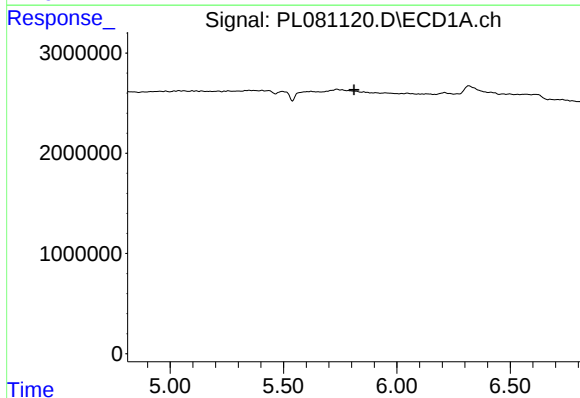
R.T.: 5.736 min  
Delta R.T.: 0.004 min  
Response: 321407  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



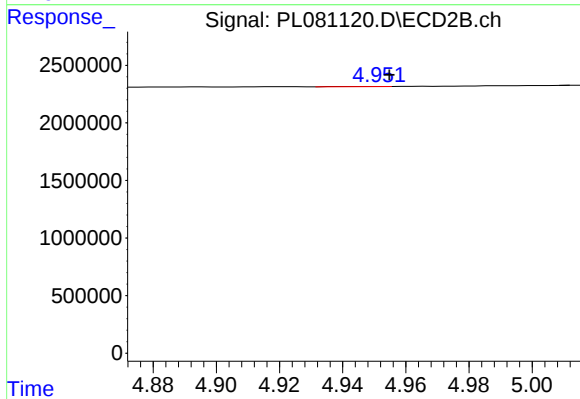
#10 gamma-Chlordane

R.T.: 4.894 min  
Delta R.T.: 0.003 min  
Response: 18331  
Conc: 0.01 ng/ml



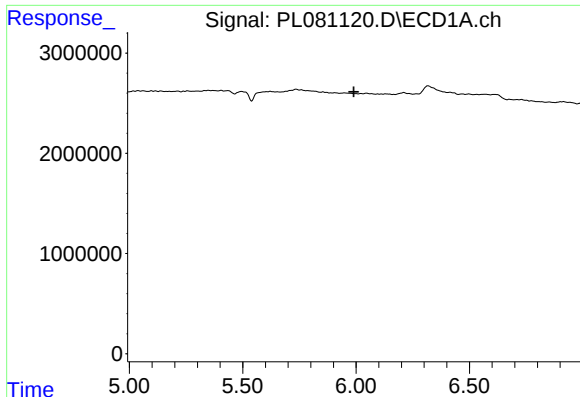
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.811 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

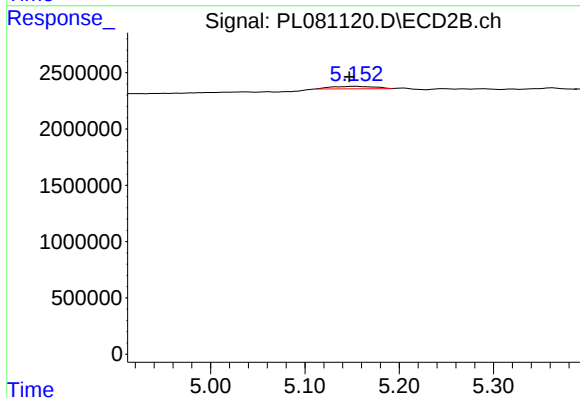
R.T.: 4.952 min  
Delta R.T.: -0.003 min  
Response: 13645  
Conc: 0.00 ng/ml



#12 4,4'-DDE

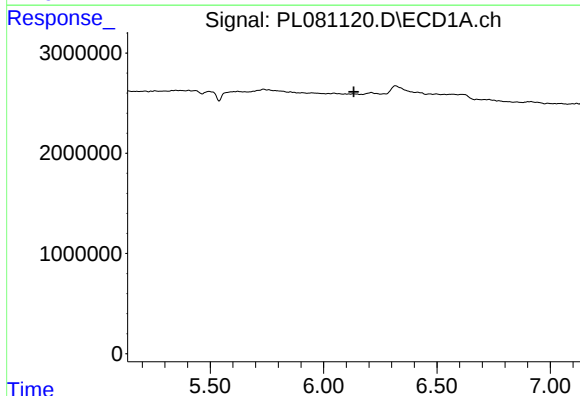
R.T.: 0.000 min  
Exp R.T.: 5.989 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



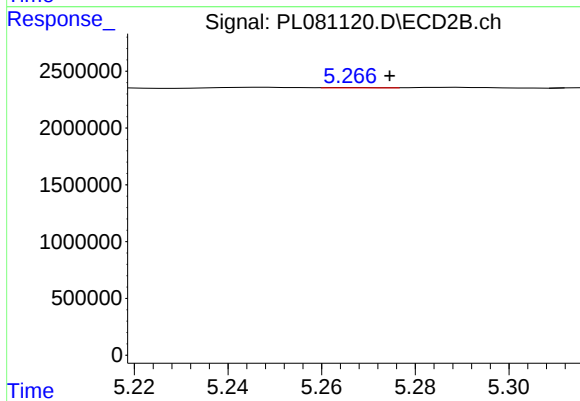
#12 4,4'-DDE

R.T.: 5.153 min  
Delta R.T.: 0.006 min  
Response: 722913  
Conc: 0.30 ng/ml



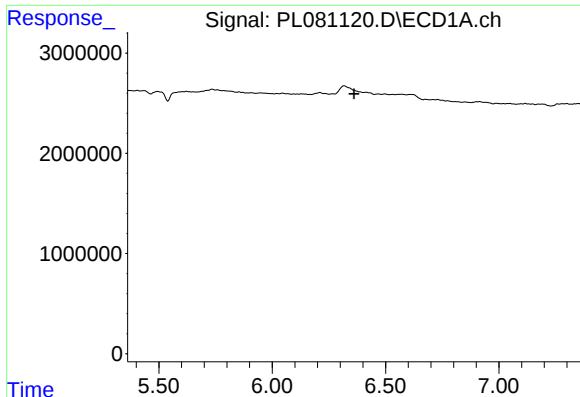
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.134 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

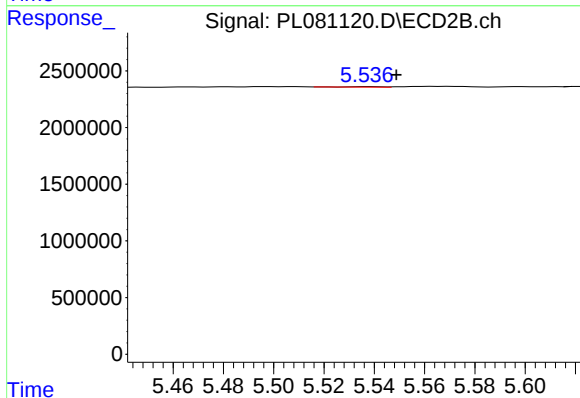
R.T.: 5.267 min  
Delta R.T.: -0.008 min  
Response: 28081  
Conc: 0.01 ng/ml



#14 Endrin

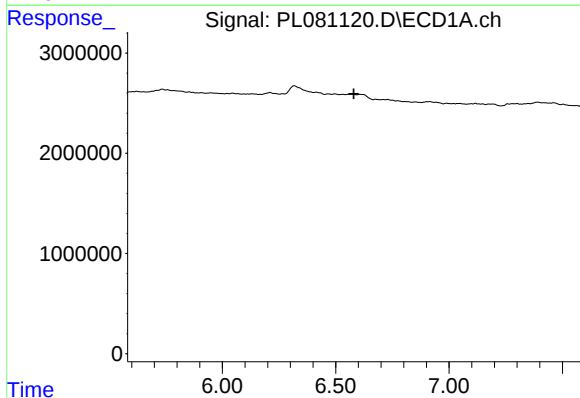
R.T.: 0.000 min  
Exp R.T.: 6.361 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



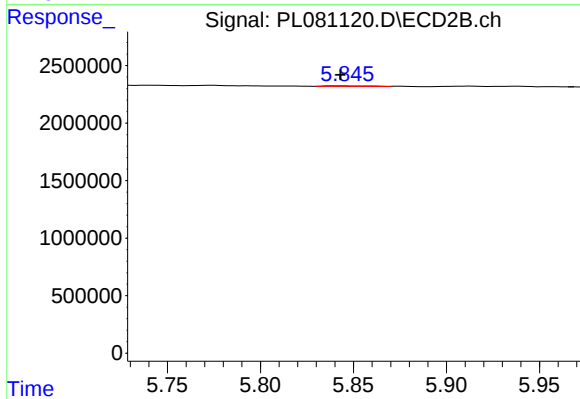
#14 Endrin

R.T.: 5.538 min  
Delta R.T.: -0.011 min  
Response: 29690  
Conc: 0.01 ng/ml



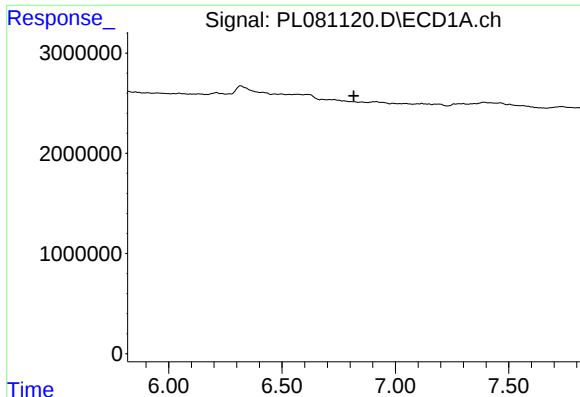
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.580 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

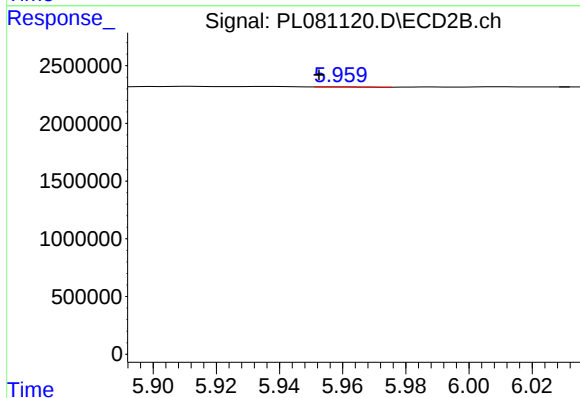
R.T.: 5.840 min  
Delta R.T.: -0.003 min  
Response: 82110  
Conc: 0.04 ng/ml



#17 4,4'-DDT

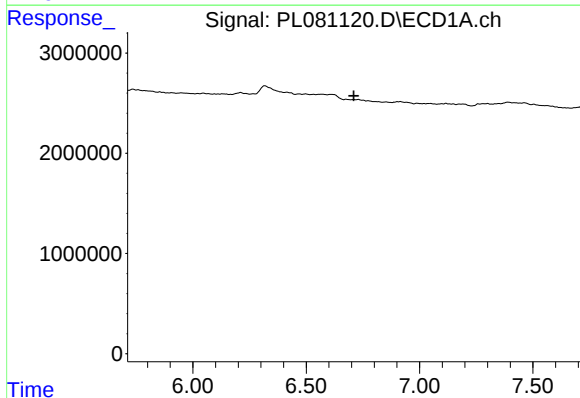
R.T.: 0.000 min  
Exp R.T.: 6.817 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



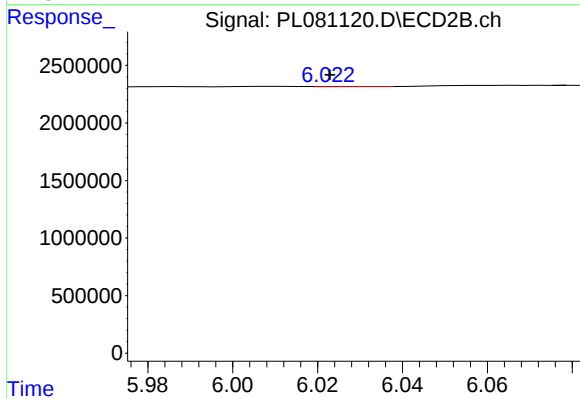
#17 4,4'-DDT

R.T.: 5.957 min  
Delta R.T.: 0.005 min  
Response: 8535  
Conc: 0.00 ng/ml



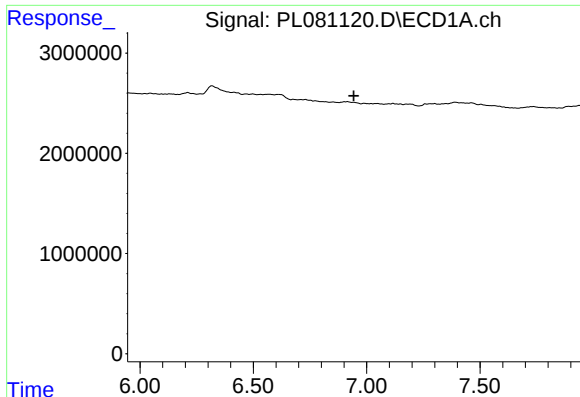
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.709 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

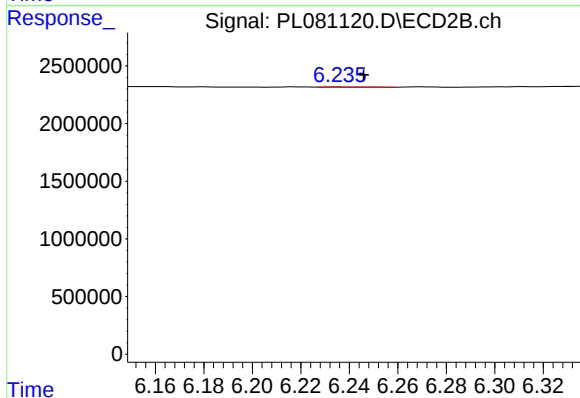
R.T.: 6.026 min  
Delta R.T.: 0.003 min  
Response: 4122  
Conc: 0.00 ng/ml



#19 Endosulfan Sulfate

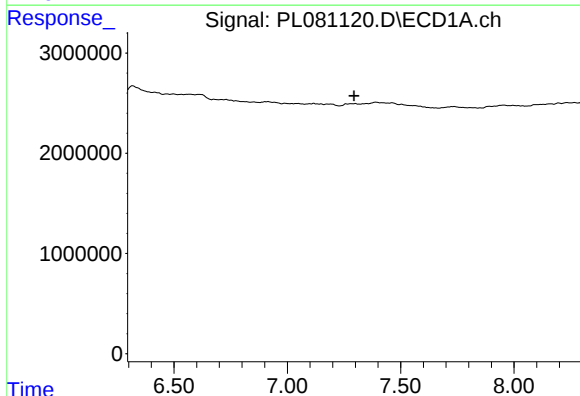
R.T.: 0.000 min  
Exp R.T.: 6.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



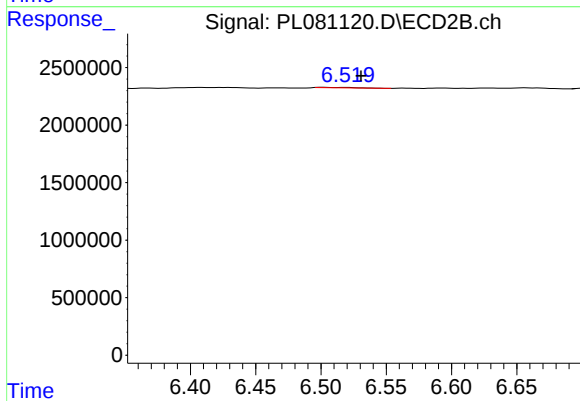
#19 Endosulfan Sulfate

R.T.: 6.236 min  
Delta R.T.: -0.010 min  
Response: 32430  
Conc: 0.01 ng/ml



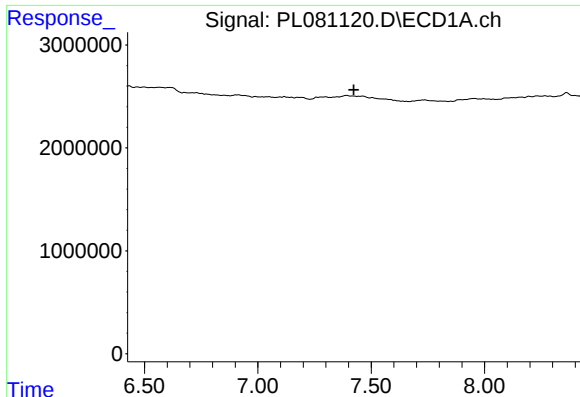
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.295 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

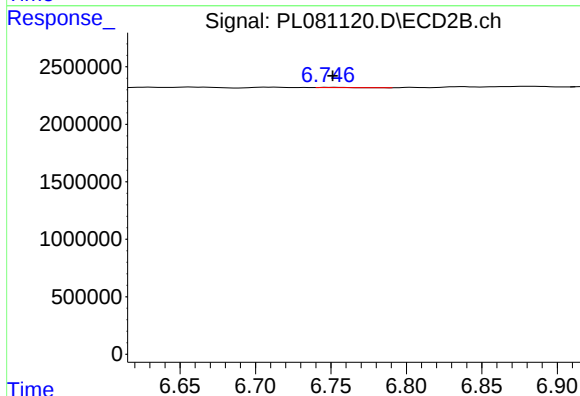
R.T.: 6.520 min  
Delta R.T.: -0.011 min  
Response: 82125  
Conc: 0.07 ng/ml



#21 Endrin ketone

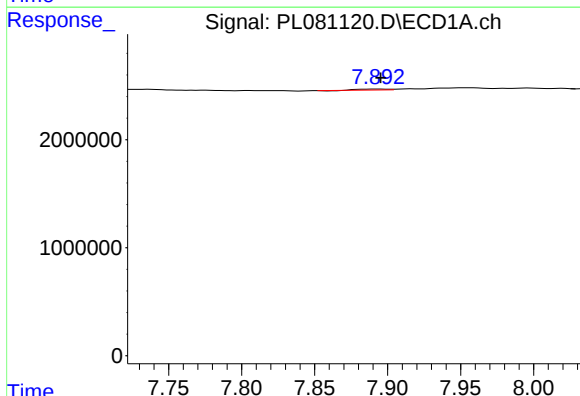
R.T.: 0.000 min  
Exp R.T.: 7.423 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



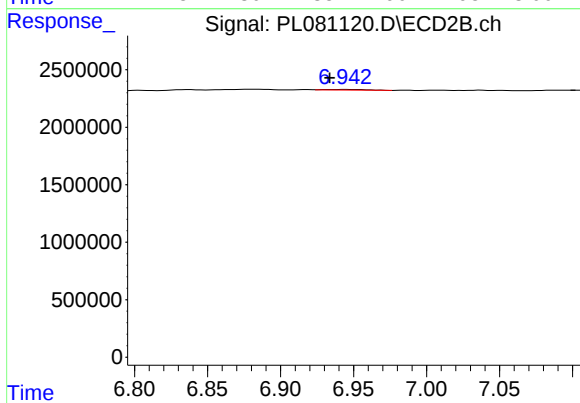
#21 Endrin ketone

R.T.: 6.750 min  
Delta R.T.: -0.001 min  
Response: 25185  
Conc: 0.01 ng/ml



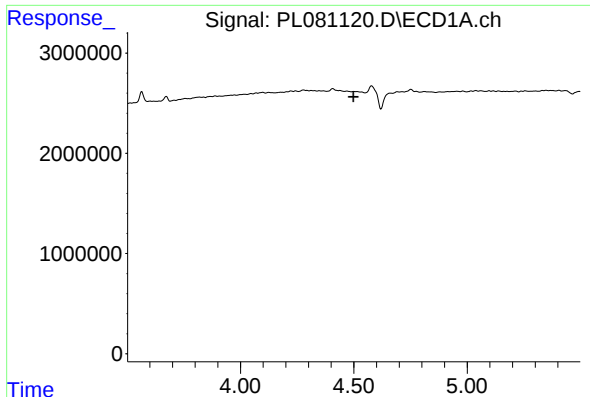
#22 Mirex

R.T.: 7.893 min  
Delta R.T.: -0.002 min  
Response: 116164  
Conc: 0.06 ng/ml



#22 Mirex

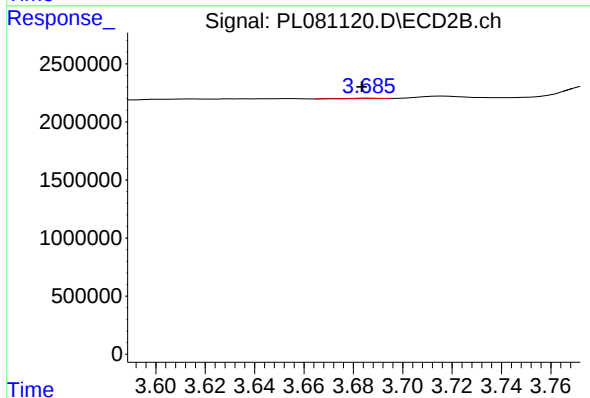
R.T.: 6.944 min  
Delta R.T.: 0.011 min  
Response: 122353  
Conc: 0.05 ng/ml



#23 Chlordane-1

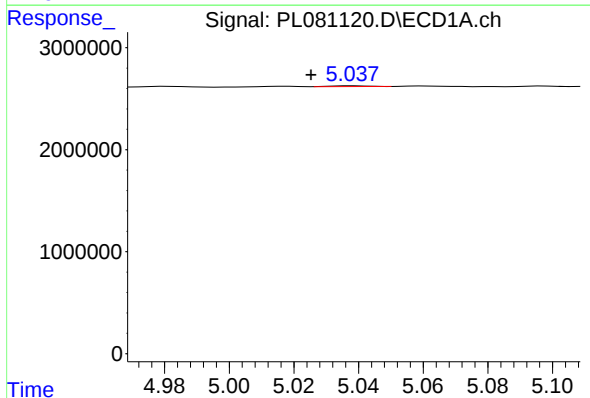
R.T.: 0.000 min  
Exp R.T.: 4.499 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



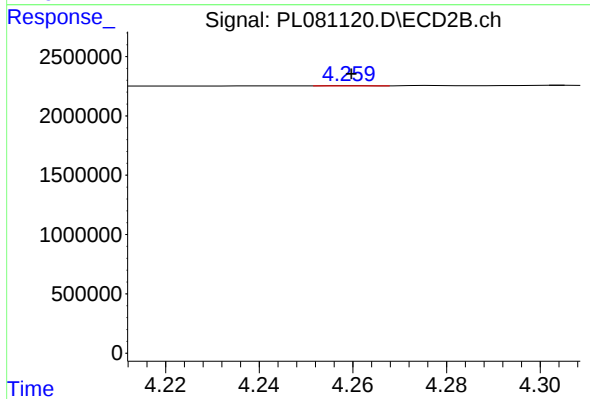
#23 Chlordane-1

R.T.: 3.687 min  
Delta R.T.: 0.004 min  
Response: 27037  
Conc: 0.33 ng/ml



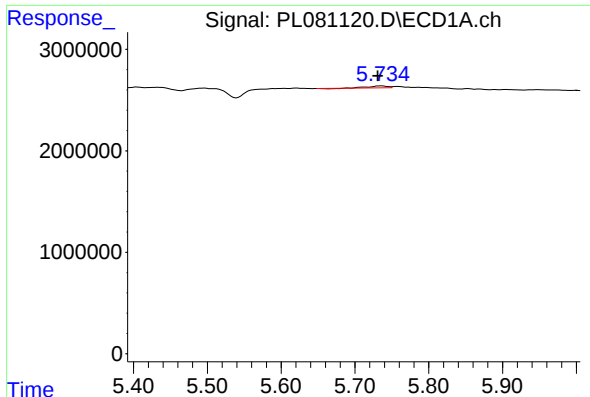
#24 Chlordane-2

R.T.: 5.039 min  
Delta R.T.: 0.013 min  
Response: 58957  
Conc: 0.58 ng/ml



#24 Chlordane-2

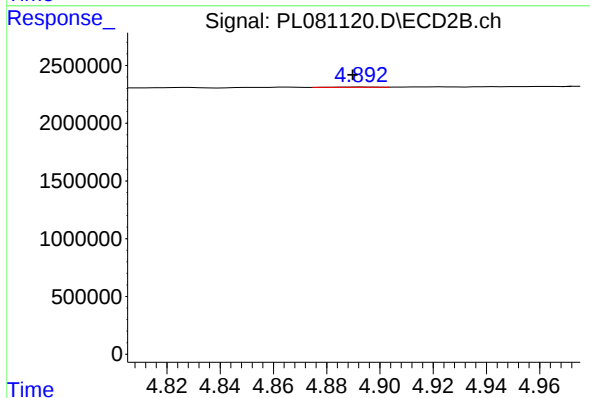
R.T.: 4.260 min  
Delta R.T.: 0.000 min  
Response: 13596  
Conc: 0.15 ng/ml



#25 Chlordane-3

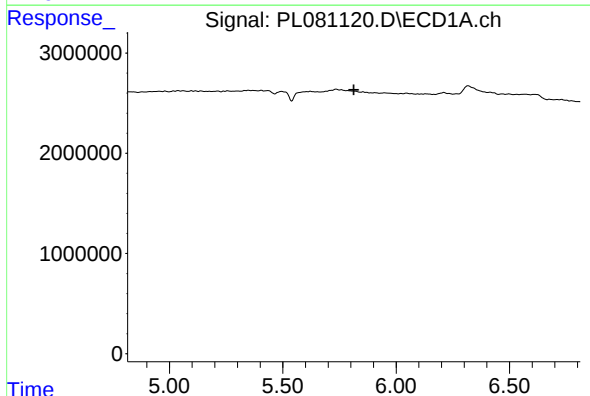
R.T.: 5.736 min  
Delta R.T.: 0.005 min  
Response: 321407  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



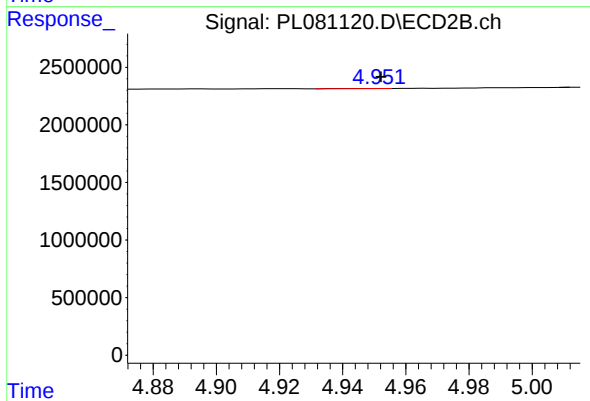
#25 Chlordane-3

R.T.: 4.894 min  
Delta R.T.: 0.004 min  
Response: 18331  
Conc: 0.07 ng/ml



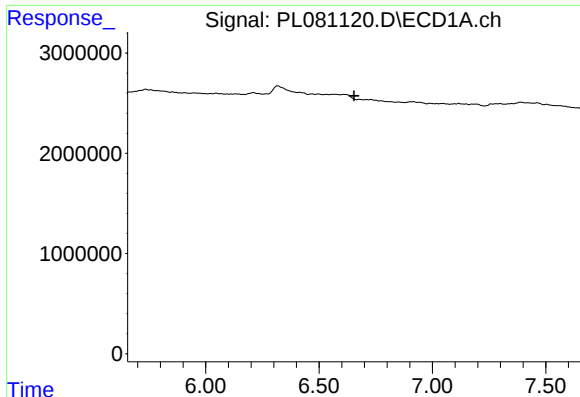
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.813 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

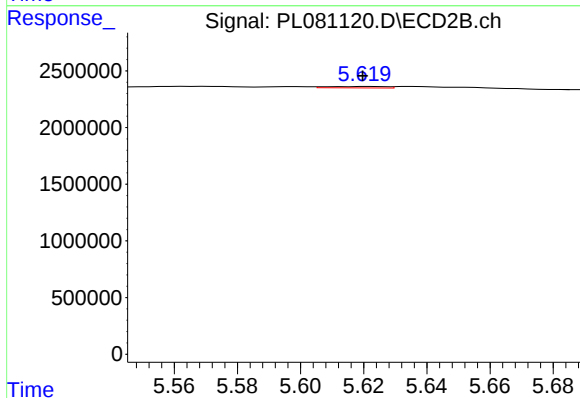
R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 13645  
Conc: 0.05 ng/ml



#27 Chlordane-5

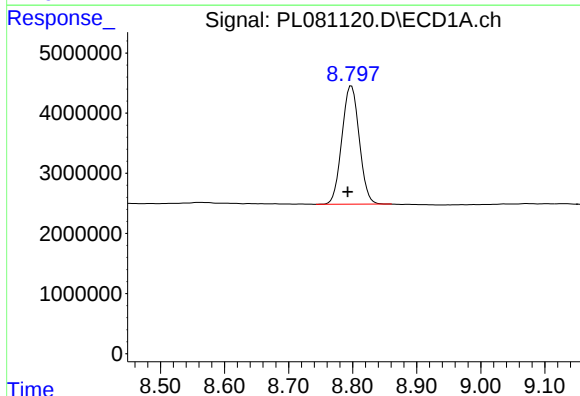
R.T.: 0.000 min  
Exp R.T.: 6.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



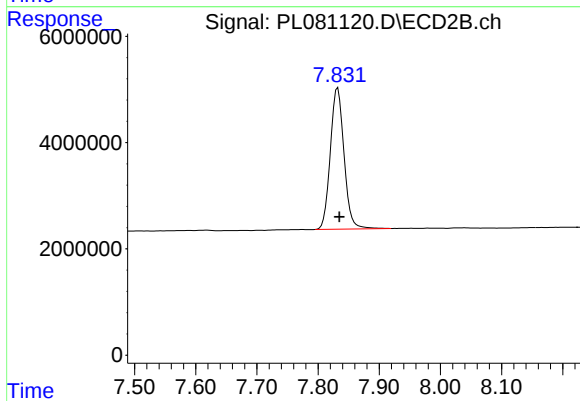
#27 Chlordane-5

R.T.: 5.621 min  
Delta R.T.: 0.002 min  
Response: 164290  
Conc: 2.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.798 min  
Delta R.T.: 0.006 min  
Response: 36986349  
Conc: 18.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.003 min  
Response: 41449225  
Conc: 17.69 ng/ml