

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041523\  
 Data File : PL082095.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Apr 2023 00:48  
 Operator : AR\AJ  
 Sample : 02288-01  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 14 05:44:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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  | 2.652 | 37355972 | 34041021 | 16.061 | 17.053  |
| 28)                         | SA Decachlor... | 8.746  | 7.766 | 31328622 | 35139935 | 17.506 | 17.718  |
| Target Compounds            |                 |        |       |          |          |        |         |
| 3)                          | MA gamma-BHC... | 0.000  | 3.494 | 0        | 1197004  | N.D.   | 0.430 # |
| 4)                          | MA Heptachlor   | 4.718f | 3.825 | 413734   | 46218    | 0.131  | 0.016 # |
| 5)                          | MB Aldrin       | 0.000  | 4.090 | 0        | 162259   | N.D.   | 0.061 # |
| 6)                          | B beta-BHC      | 4.328  | 3.781 | 1151232  | -112648  | 0.765  | N.D. #  |
| 7)                          | B delta-BHC     | 4.543  | 4.001 | 4849480  | 59610    | 1.596  | 0.023 # |
| 8)                          | B Heptachlo...  | 5.446  | 4.596 | 4263981  | 192447   | 1.568  | 0.079 # |
| 9)                          | A Endosulfan I  | 0.000  | 4.955 | 0        | 191385   | N.D.   | 0.087 # |
| 10)                         | B gamma-Chl...  | 5.694f | 4.850 | 631731   | 642672   | 0.241  | 0.264   |
| 11)                         | B alpha-Chl...  | 0.000  | 4.916 | 0        | 1106476  | N.D.   | 0.456 # |
| 12)                         | B 4,4'-DDE      | 5.954  | 5.090 | 468761   | 378104   | 0.208  | 0.192   |
| 13)                         | MA Dieldrin     | 6.094f | 5.215 | 153943   | 212738   | 0.064  | 0.095 # |
| 14)                         | MA Endrin       | 0.000  | 5.495 | 0        | 112284   | N.D.   | 0.055 # |
| 15)                         | B Endosulfa...  | 6.548  | 5.792 | 170266   | -3801    | 0.080  | N.D. #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.650 | 0        | 172141   | N.D.   | 0.113 # |
| 17)                         | MA 4,4'-DDT     | 6.783  | 5.891 | 320003   | 258651   | 0.158  | 0.150   |
| 18)                         | B Endrin al...  | 6.681  | 5.970 | 403609   | 442363   | 0.247  | 0.285   |
| 19)                         | B Endosulfa...  | 0.000  | 6.211 | 0        | 377939   | N.D.   | 0.194 # |
| 20)                         | A Methoxychlor  | 7.263  | 6.474 | 839415   | 720320   | 0.779  | 0.723   |
| 21)                         | B Endrin ke...  | 0.000  | 6.699 | 0        | 245179   | N.D.   | 0.115 # |
| 22)                         | Mirex           | 0.000  | 6.875 | 0        | 926026   | N.D.   | 0.482 # |
| 23)                         | Chlordane-1     | 0.000  | 3.633 | 0        | 98460    | N.D.   | 1.278 # |
| 25)                         | Chlordane-3     | 5.694  | 4.850 | 631731   | 642672   | 1.595  | 2.552 # |
| 26)                         | Chlordane-4     | 0.000  | 4.916 | 0        | 1106476  | N.D.   | 4.224 # |
| 27)                         | Chlordane-5     | 0.000  | 5.583 | 0        | 95663    | N.D.   | 1.433 # |
| -----                       |                 |        |       |          |          |        |         |

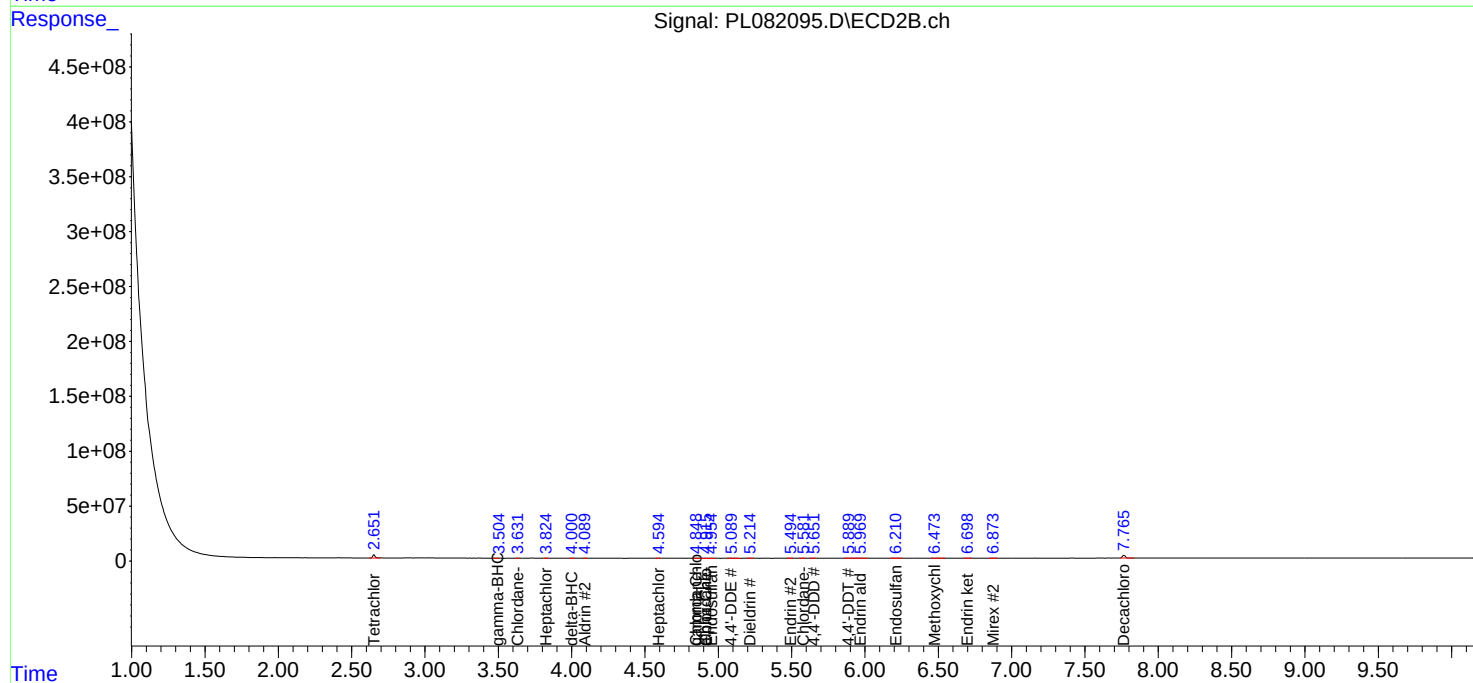
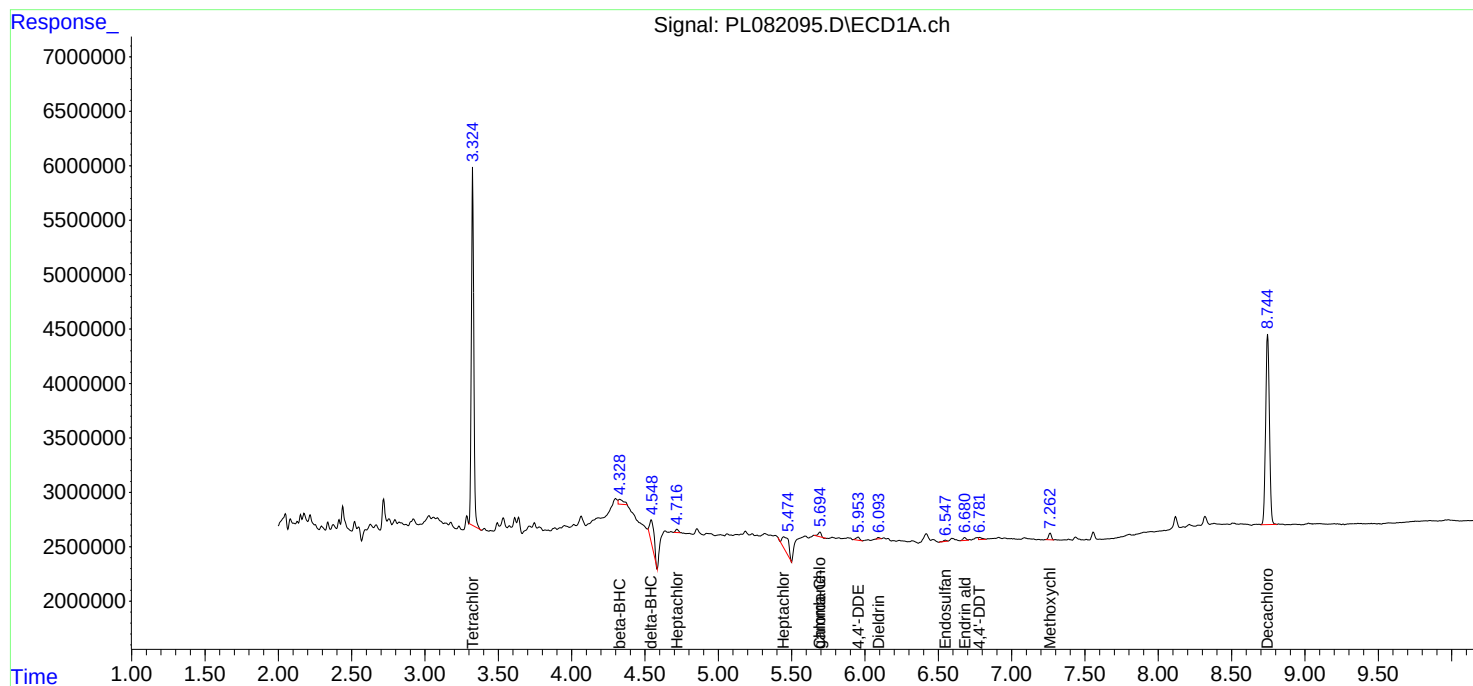
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

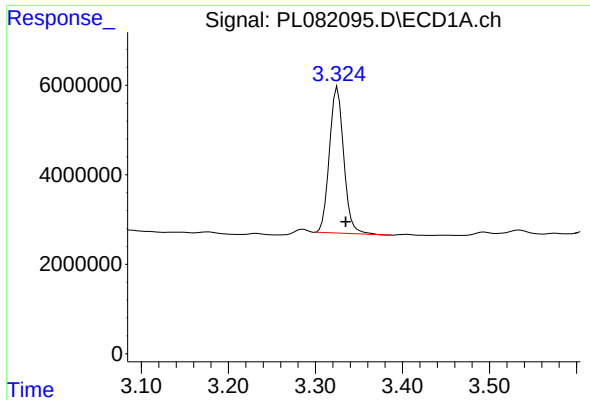
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041523\  
Data File : PL082095.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Apr 2023 00:48  
Operator : AR\AJ  
Sample : 02288-01  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 14 05:44:58 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

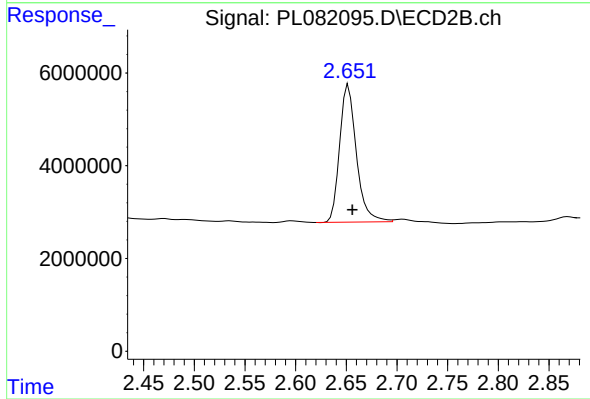




#1 Tetrachloro-m-xylene

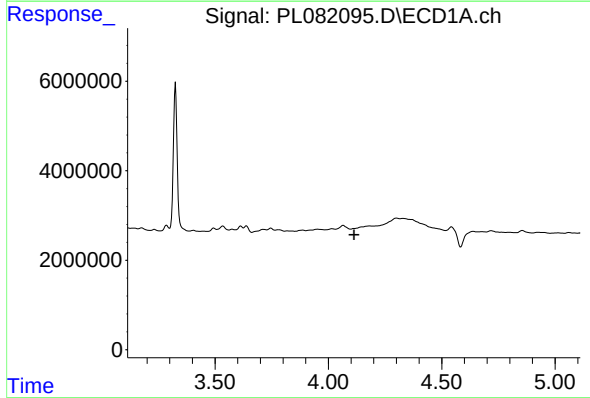
R.T.: 3.325 min  
Delta R.T.: -0.010 min  
Response: 37355972  
Conc: 16.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



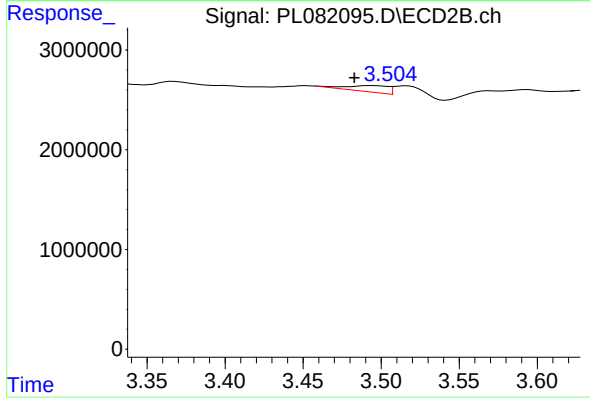
#1 Tetrachloro-m-xylene

R.T.: 2.652 min  
Delta R.T.: -0.004 min  
Response: 34041021  
Conc: 17.05 ng/ml



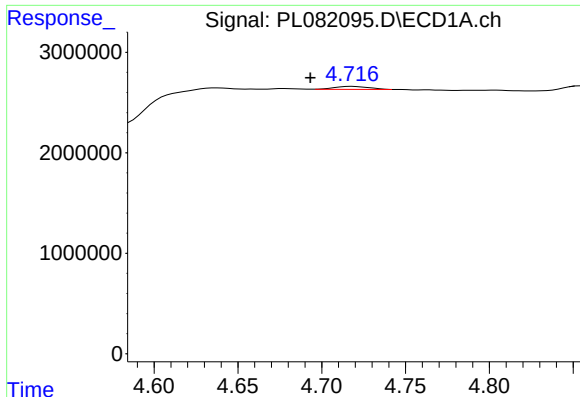
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.113 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

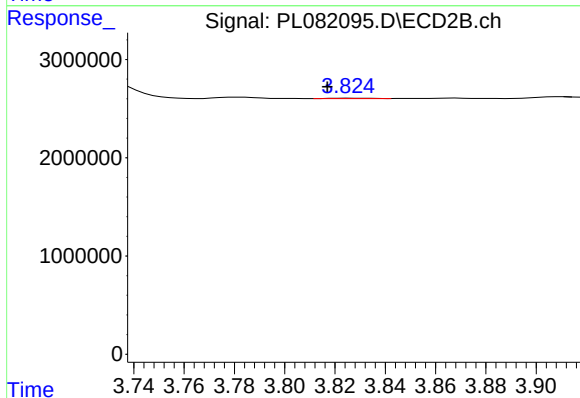
R.T.: 3.494 min  
Delta R.T.: 0.011 min  
Response: 1197004  
Conc: 0.43 ng/ml



#4 Heptachlor

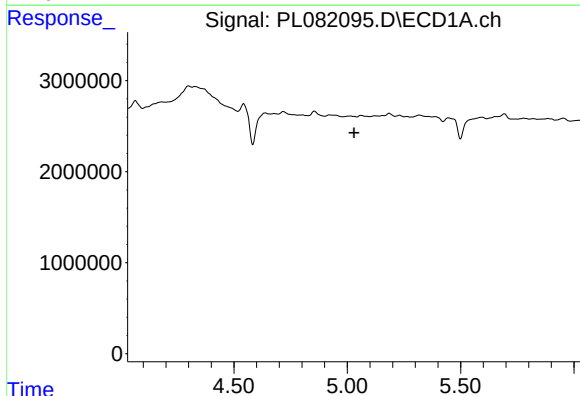
R.T.: 4.718 min  
Delta R.T.: 0.025 min  
Response: 413734  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



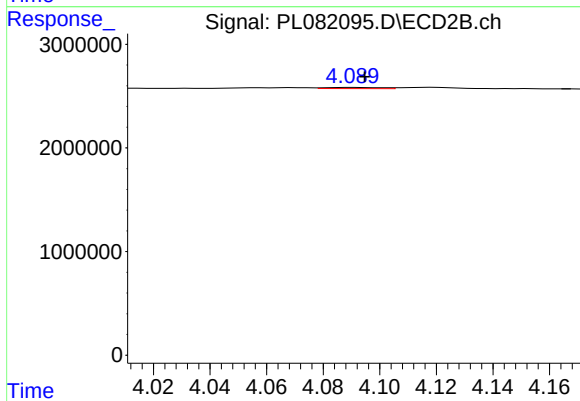
#4 Heptachlor

R.T.: 3.825 min  
Delta R.T.: 0.008 min  
Response: 46218  
Conc: 0.02 ng/ml



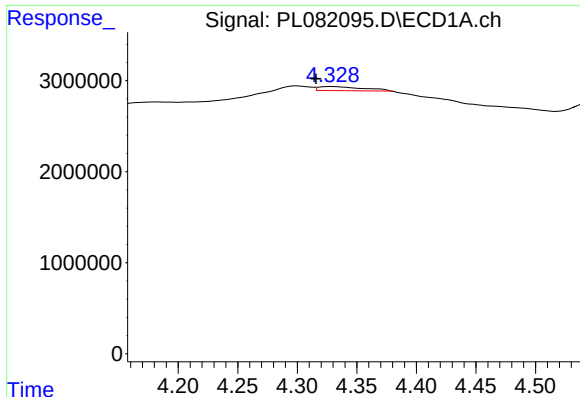
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.030 min  
Response: 0  
Conc: N.D.



#5 Aldrin

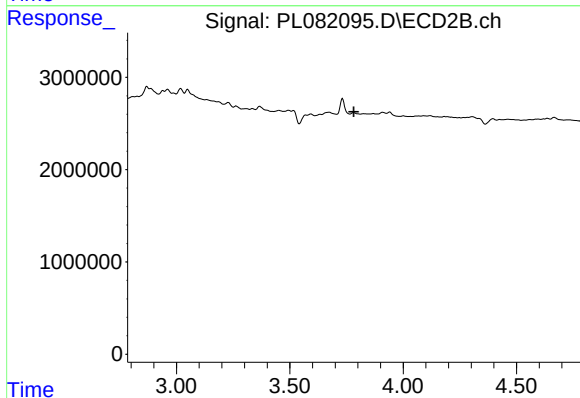
R.T.: 4.090 min  
Delta R.T.: -0.004 min  
Response: 162259  
Conc: 0.06 ng/ml



#6 beta-BHC

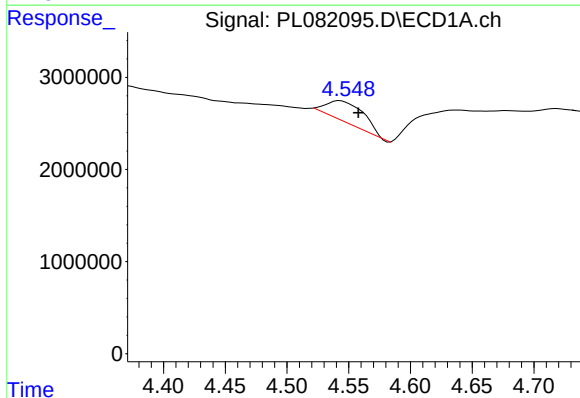
R.T.: 4.328 min  
Delta R.T.: 0.013 min  
Response: 1151232  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



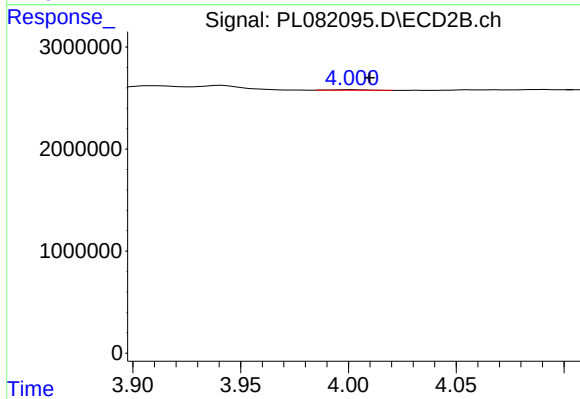
#6 beta-BHC

R.T.: 3.781 min  
Delta R.T.: -0.001 min  
Response: -112648  
Conc: N.D.



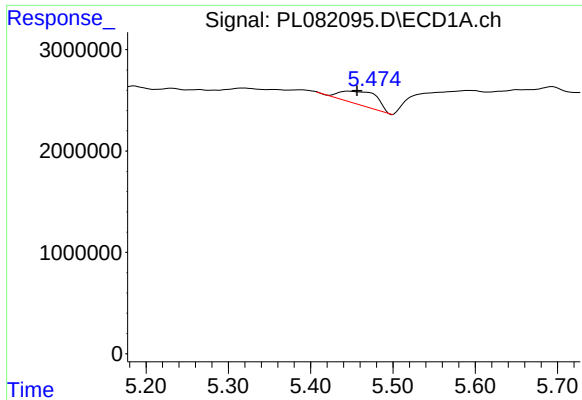
#7 delta-BHC

R.T.: 4.543 min  
Delta R.T.: -0.015 min  
Response: 4849480  
Conc: 1.60 ng/ml



#7 delta-BHC

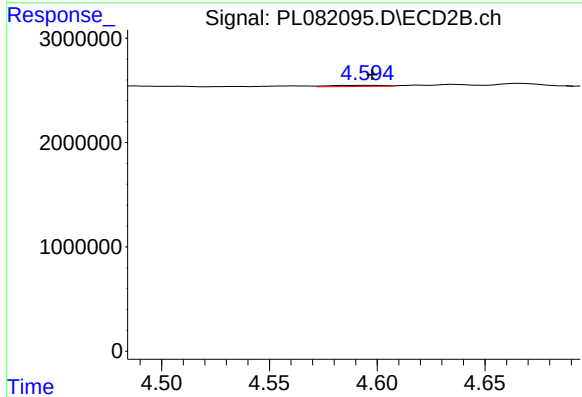
R.T.: 4.001 min  
Delta R.T.: -0.008 min  
Response: 59610  
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

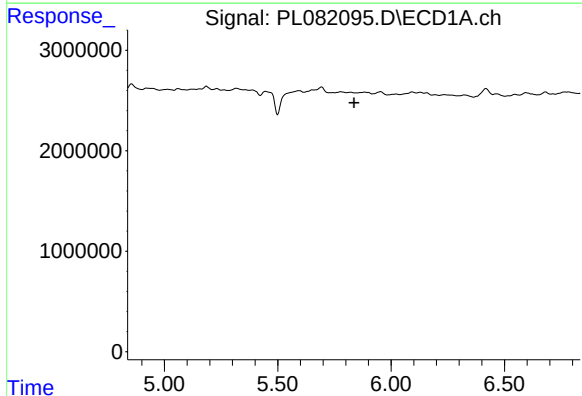
R.T.: 5.446 min  
Delta R.T.: -0.010 min  
Response: 4263981  
Conc: 1.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



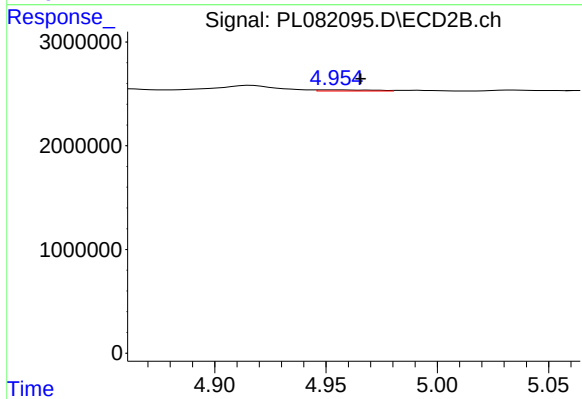
#8 Heptachlor epoxide

R.T.: 4.596 min  
Delta R.T.: -0.001 min  
Response: 192447  
Conc: 0.08 ng/ml



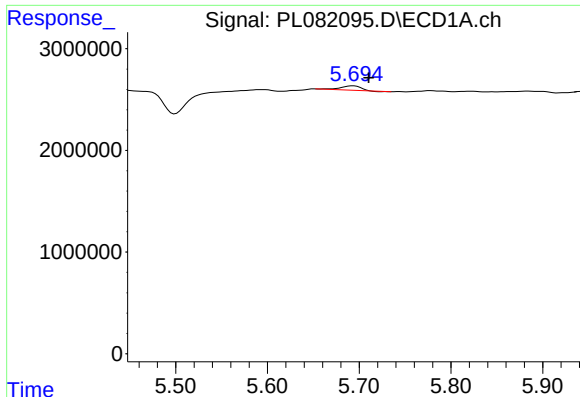
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.836 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

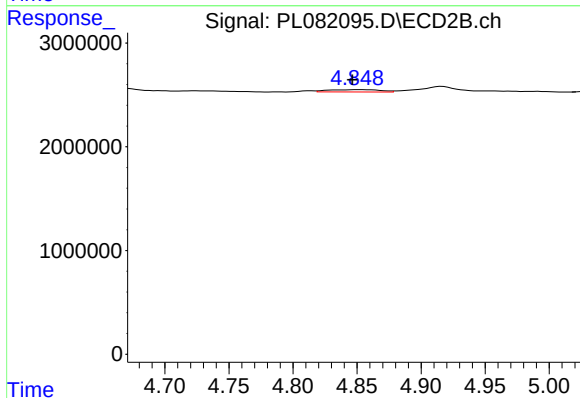
R.T.: 4.955 min  
Delta R.T.: -0.011 min  
Response: 191385  
Conc: 0.09 ng/ml



#10 gamma-Chlordane

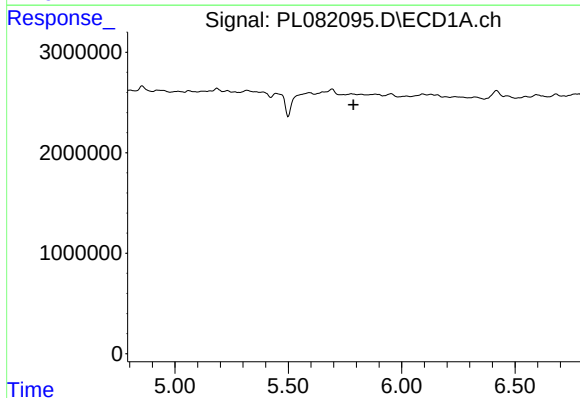
R.T.: 5.694 min  
Delta R.T.: -0.017 min  
Response: 631731  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



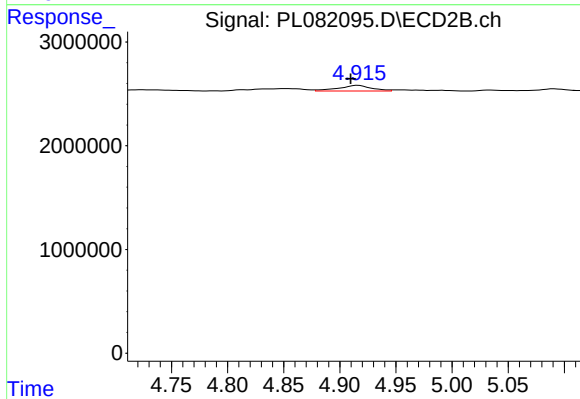
#10 gamma-Chlordane

R.T.: 4.850 min  
Delta R.T.: 0.003 min  
Response: 642672  
Conc: 0.26 ng/ml



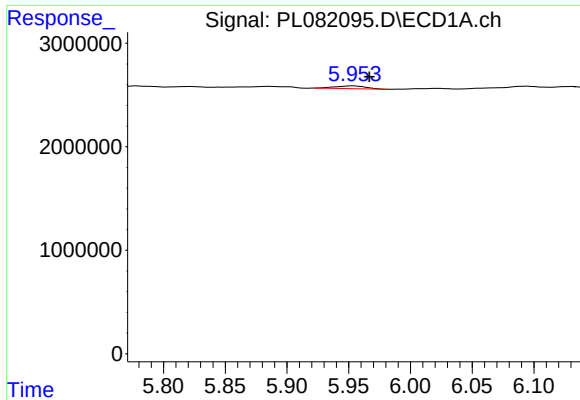
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.788 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

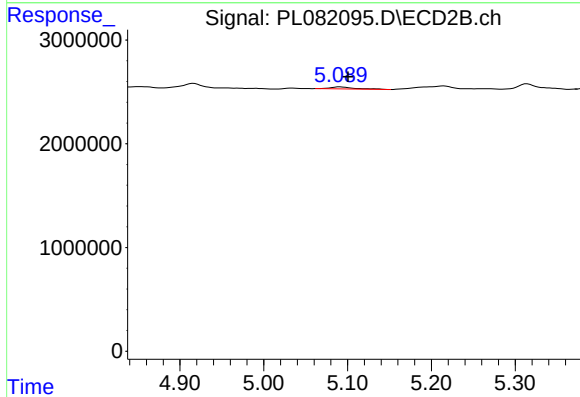
R.T.: 4.916 min  
Delta R.T.: 0.007 min  
Response: 1106476  
Conc: 0.46 ng/ml



#12 4,4'-DDE

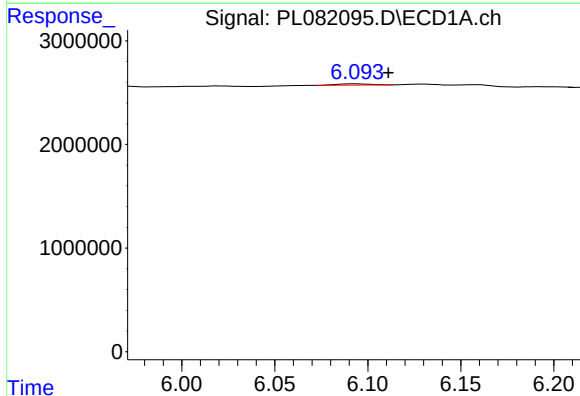
R.T.: 5.954 min  
Delta R.T.: -0.013 min  
Response: 468761  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



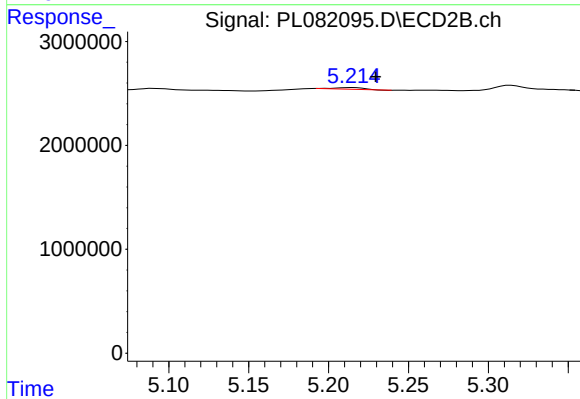
#12 4,4'-DDE

R.T.: 5.090 min  
Delta R.T.: -0.010 min  
Response: 378104  
Conc: 0.19 ng/ml



#13 Dieldrin

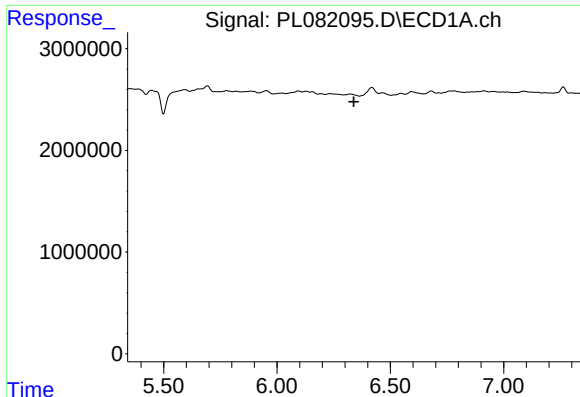
R.T.: 6.094 min  
Delta R.T.: -0.017 min  
Response: 153943  
Conc: 0.06 ng/ml



#13 Dieldrin

R.T.: 5.215 min  
Delta R.T.: -0.015 min  
Response: 212738  
Conc: 0.09 ng/ml

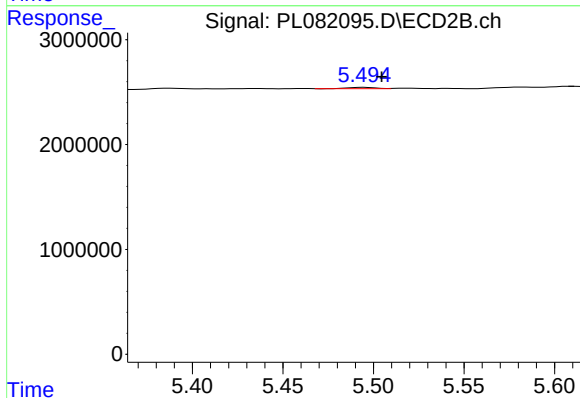




#14 Endrin

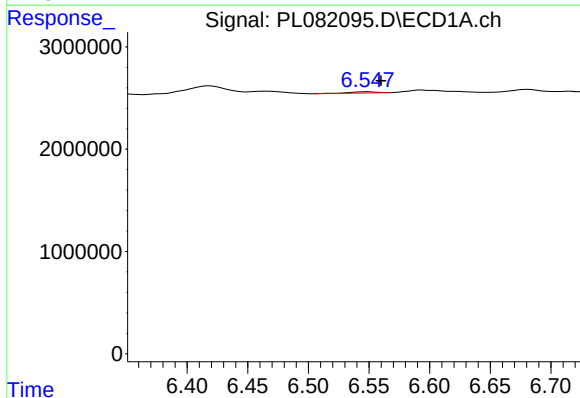
R.T.: 0.000 min  
Exp R.T.: 6.338 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



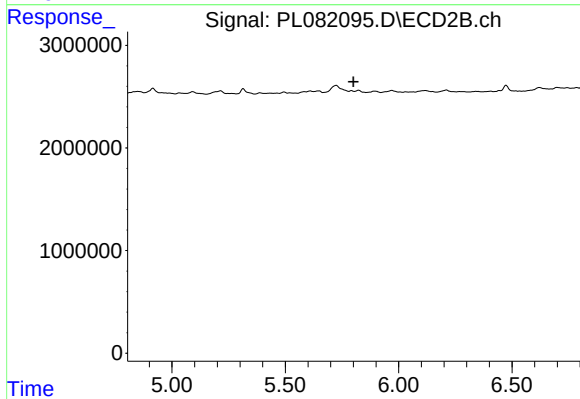
#14 Endrin

R.T.: 5.495 min  
Delta R.T.: -0.010 min  
Response: 112284  
Conc: 0.06 ng/ml



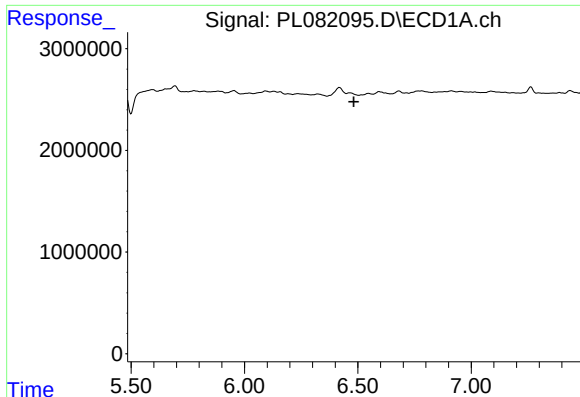
#15 Endosulfan II

R.T.: 6.548 min  
Delta R.T.: -0.012 min  
Response: 170266  
Conc: 0.08 ng/ml



#15 Endosulfan II

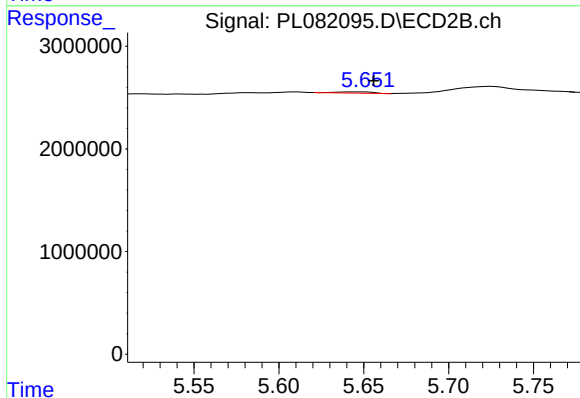
R.T.: 5.792 min  
Delta R.T.: -0.009 min  
Response: -3801  
Conc: N.D.



#16 4,4'-DDD

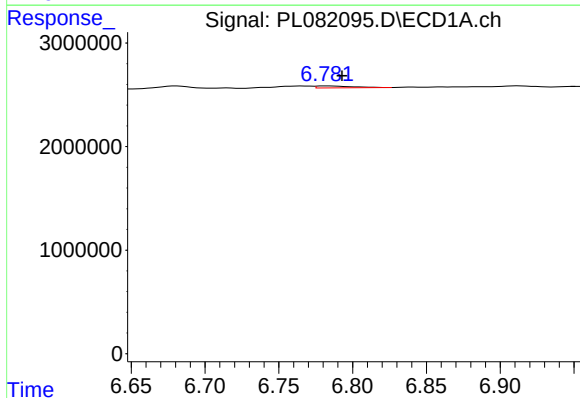
R.T.: 0.000 min  
Exp R.T.: 6.482 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



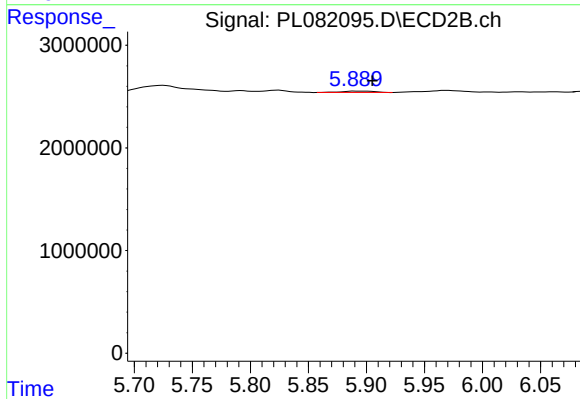
#16 4,4'-DDD

R.T.: 5.650 min  
Delta R.T.: -0.006 min  
Response: 172141  
Conc: 0.11 ng/ml



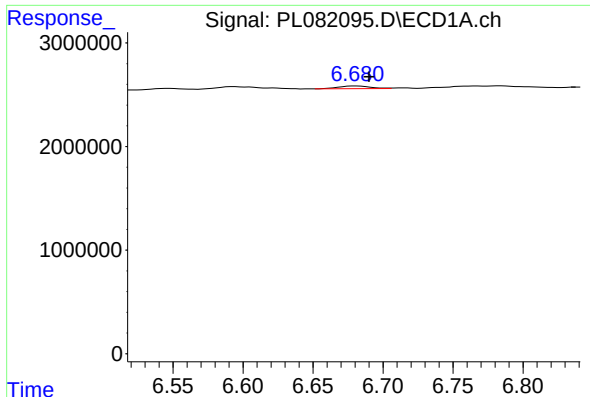
#17 4,4'-DDT

R.T.: 6.783 min  
Delta R.T.: -0.010 min  
Response: 320003  
Conc: 0.16 ng/ml



#17 4,4'-DDT

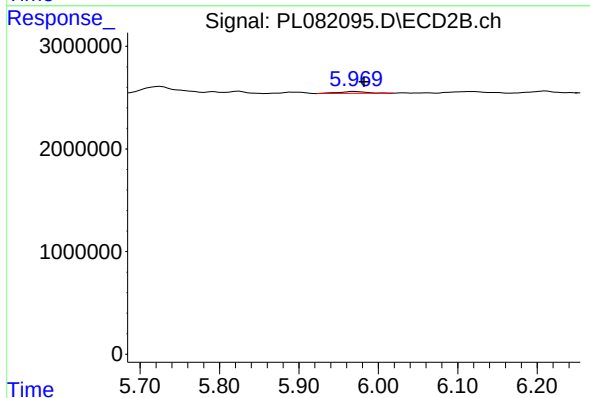
R.T.: 5.891 min  
Delta R.T.: -0.014 min  
Response: 258651  
Conc: 0.15 ng/ml



#18 Endrin aldehyde

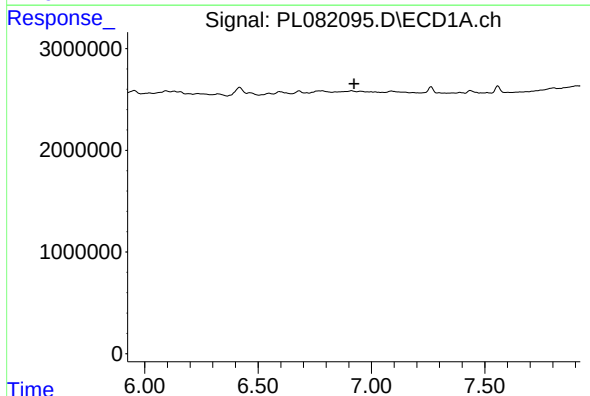
R.T.: 6.681 min  
Delta R.T.: -0.009 min  
Response: 403609  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



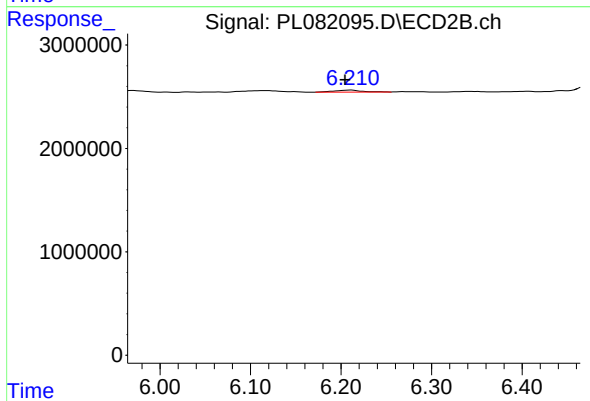
#18 Endrin aldehyde

R.T.: 5.970 min  
Delta R.T.: -0.012 min  
Response: 442363  
Conc: 0.28 ng/ml



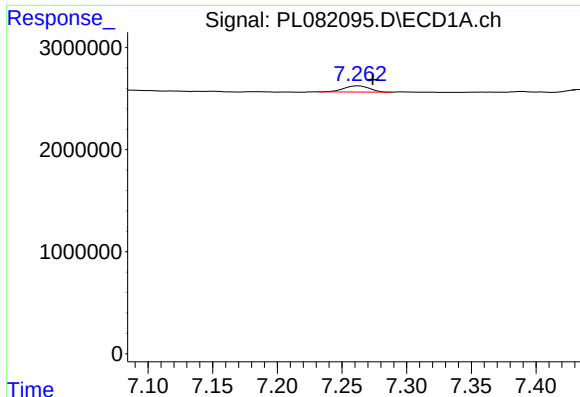
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.924 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

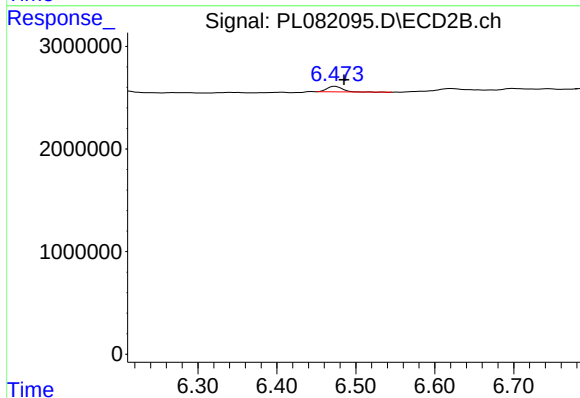
R.T.: 6.211 min  
Delta R.T.: 0.006 min  
Response: 377939  
Conc: 0.19 ng/ml



#20 Methoxychlor

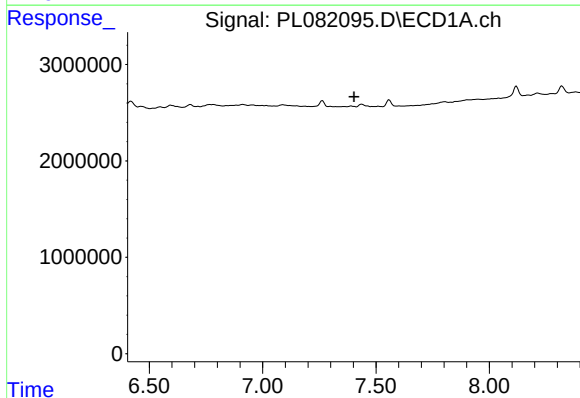
R.T.: 7.263 min  
Delta R.T.: -0.011 min  
Response: 839415  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



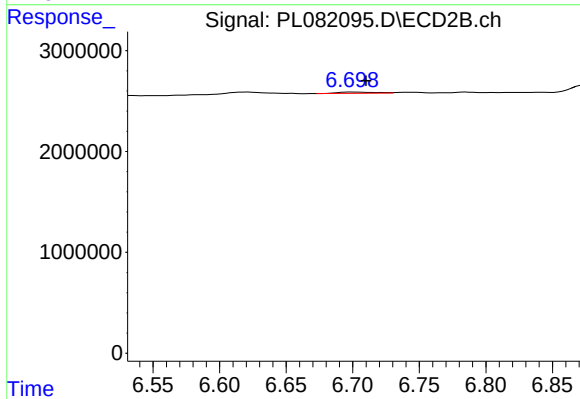
#20 Methoxychlor

R.T.: 6.474 min  
Delta R.T.: -0.011 min  
Response: 720320  
Conc: 0.72 ng/ml



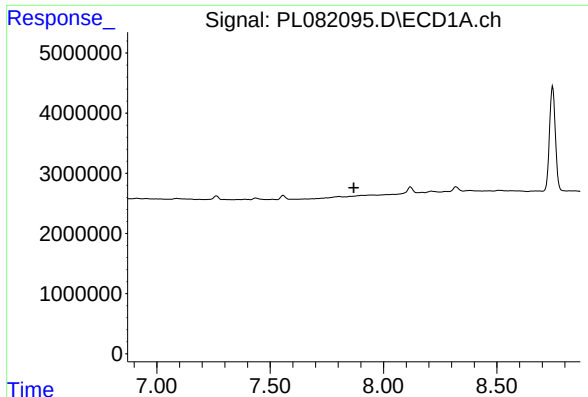
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.404 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

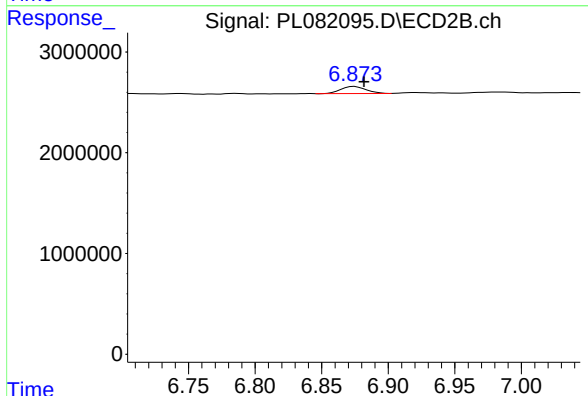
R.T.: 6.699 min  
Delta R.T.: -0.011 min  
Response: 245179  
Conc: 0.11 ng/ml



#22 Mirex

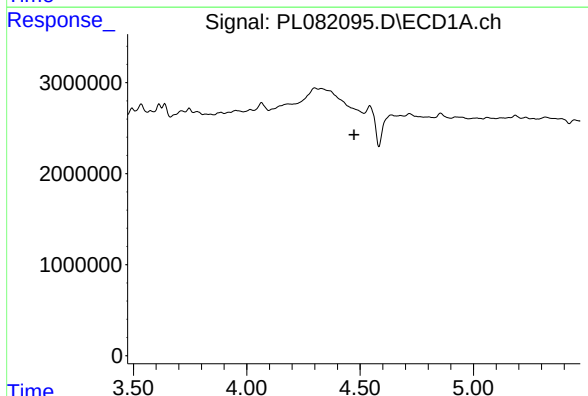
R.T.: 0.000 min  
Exp R.T.: 7.869 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



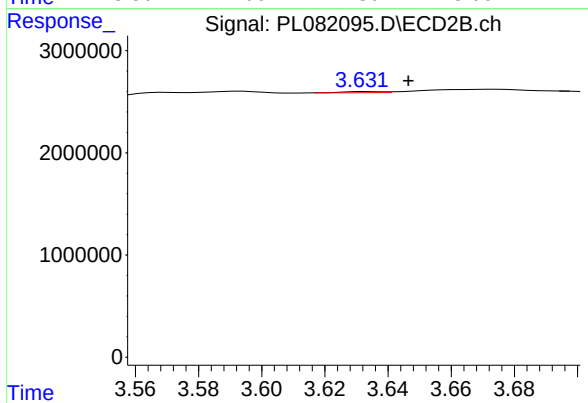
#22 Mirex

R.T.: 6.875 min  
Delta R.T.: -0.007 min  
Response: 926026  
Conc: 0.48 ng/ml



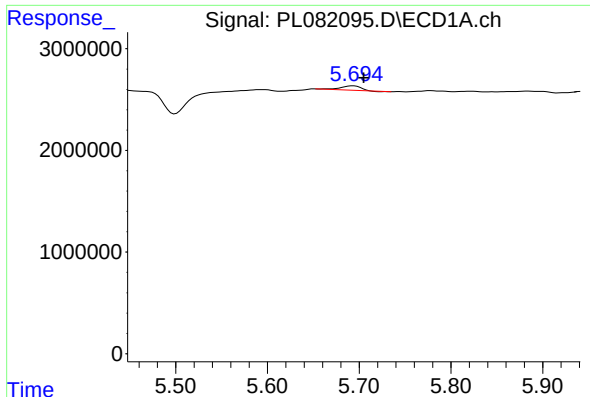
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.473 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

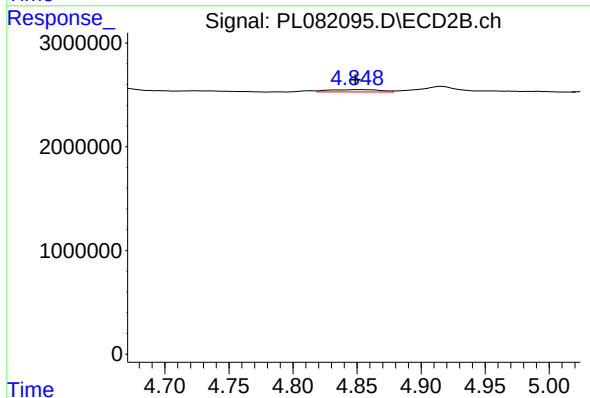
R.T.: 3.633 min  
Delta R.T.: -0.013 min  
Response: 98460  
Conc: 1.28 ng/ml



#25 Chlordane-3

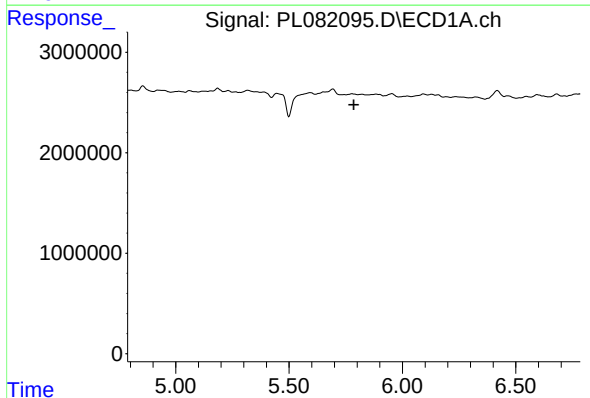
R.T.: 5.694 min  
Delta R.T.: -0.012 min  
Response: 631731  
Conc: 1.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



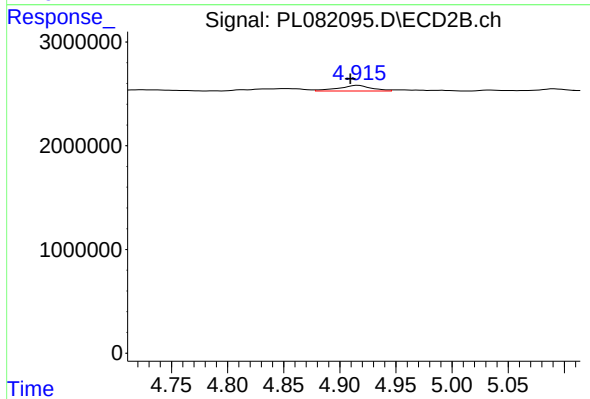
#25 Chlordane-3

R.T.: 4.850 min  
Delta R.T.: 0.001 min  
Response: 642672  
Conc: 2.55 ng/ml



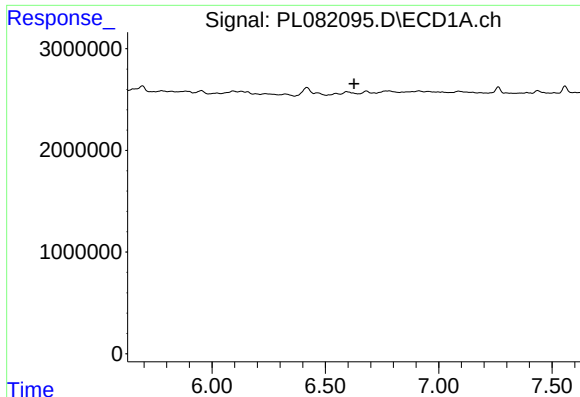
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.786 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

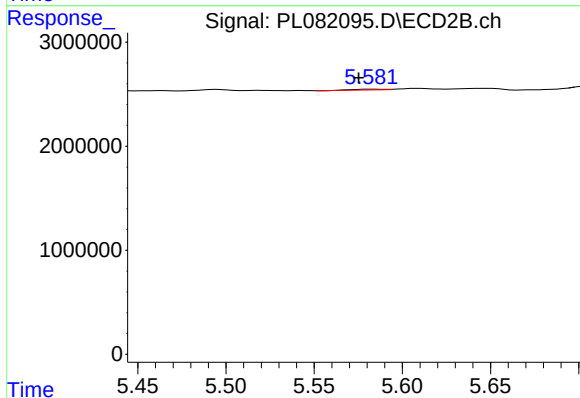
R.T.: 4.916 min  
Delta R.T.: 0.007 min  
Response: 1106476  
Conc: 4.22 ng/ml



#27 Chlordane-5

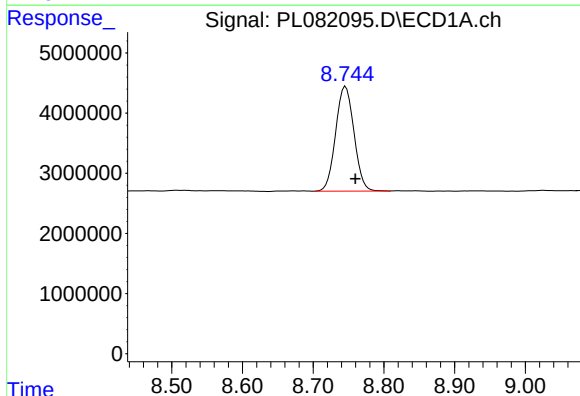
R.T.: 0.000 min  
Exp R.T.: 6.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



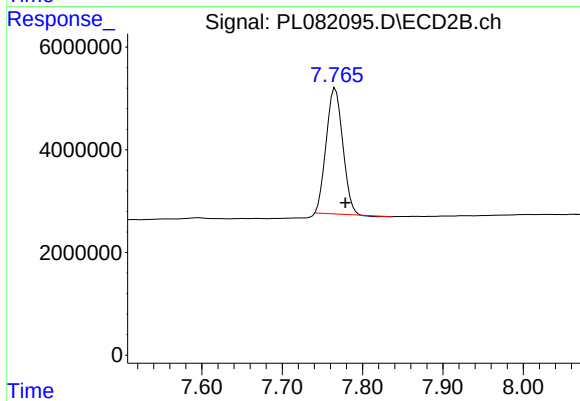
#27 Chlordane-5

R.T.: 5.583 min  
Delta R.T.: 0.008 min  
Response: 95663  
Conc: 1.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min  
Delta R.T.: -0.014 min  
Response: 31328622  
Conc: 17.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.766 min  
Delta R.T.: -0.013 min  
Response: 35139935  
Conc: 17.72 ng/ml