

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031723\  
 Data File : PL081564.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Mar 2023 19:20  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 22:38:37 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 03 01:48:45 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... | 3.329  | 2.660  | 47598668 | 44275750 | 22.031 | 21.877  |
| 28)                         | SA Decachlor... | 8.755  | 7.781  | 35323085 | 46577582 | 23.170 | 24.316  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.812f | 3.153  | 200419   | 212077   | 0.063  | 0.072   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.506  | 0        | 1107645  | N.D.   | 0.403 # |
| 4)                          | MA Heptachlor   | 4.689  | 3.828  | 176186   | 80416    | 0.064  | 0.029 # |
| 5)                          | MB Aldrin       | 0.000  | 4.121  | 0        | 3292117  | N.D.   | 1.256 # |
| 6)                          | B beta-BHC      | 4.313  | 3.791  | 882612   | 442574   | 0.641  | 0.381 # |
| 7)                          | B delta-BHC     | 4.535f | 4.013  | 2456555  | 420196   | 0.884  | 0.165 # |
| 8)                          | B Heptachlo...  | 5.449  | 4.611  | 4480636  | 1061385  | 1.899  | 0.439 # |
| 9)                          | A Endosulfan I  | 5.824f | 0.000  | 1095907  | 0        | 0.519  | N.D. #  |
| 10)                         | B gamma-Chl...  | 0.000  | 4.853  | 0        | 559597   | N.D.   | 0.229 # |
| 11)                         | B alpha-Chl...  | 5.796  | 4.936  | 474471   | 811508   | 0.211  | 0.331 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.115  | 0        | 1142785  | N.D.   | 0.582 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.219f | 0        | 114562   | N.D.   | 0.051 # |
| 14)                         | MA Endrin       | 0.000  | 5.535f | 0        | 575157   | N.D.   | 0.286 # |
| 15)                         | B Endosulfa...  | 6.545f | 5.835f | 1091790  | -6696    | 0.626  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.900f | 0        | 181039   | N.D.   | 0.113 # |
| 18)                         | B Endrin al...  | 0.000  | 6.002  | 0        | 278283   | N.D.   | 0.184 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.208  | 0        | 84792    | N.D.   | 0.044 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.713  | 0        | 150610   | N.D.   | 0.070 # |
| 22)                         | Mirex           | 0.000  | 6.891  | 0        | 32022    | N.D.   | 0.017 # |
| 23)                         | Chlordane-1     | 0.000  | 3.648  | 0        | 118063   | N.D.   | 1.432 # |
| 25)                         | Chlordane-3     | 0.000  | 4.853  | 0        | 559597   | N.D.   | 2.071 # |
| 26)                         | Chlordane-4     | 5.796  | 4.936  | 474471   | 811508   | 1.079  | 2.890 # |
| -----                       |                 |        |        |          |          |        |         |

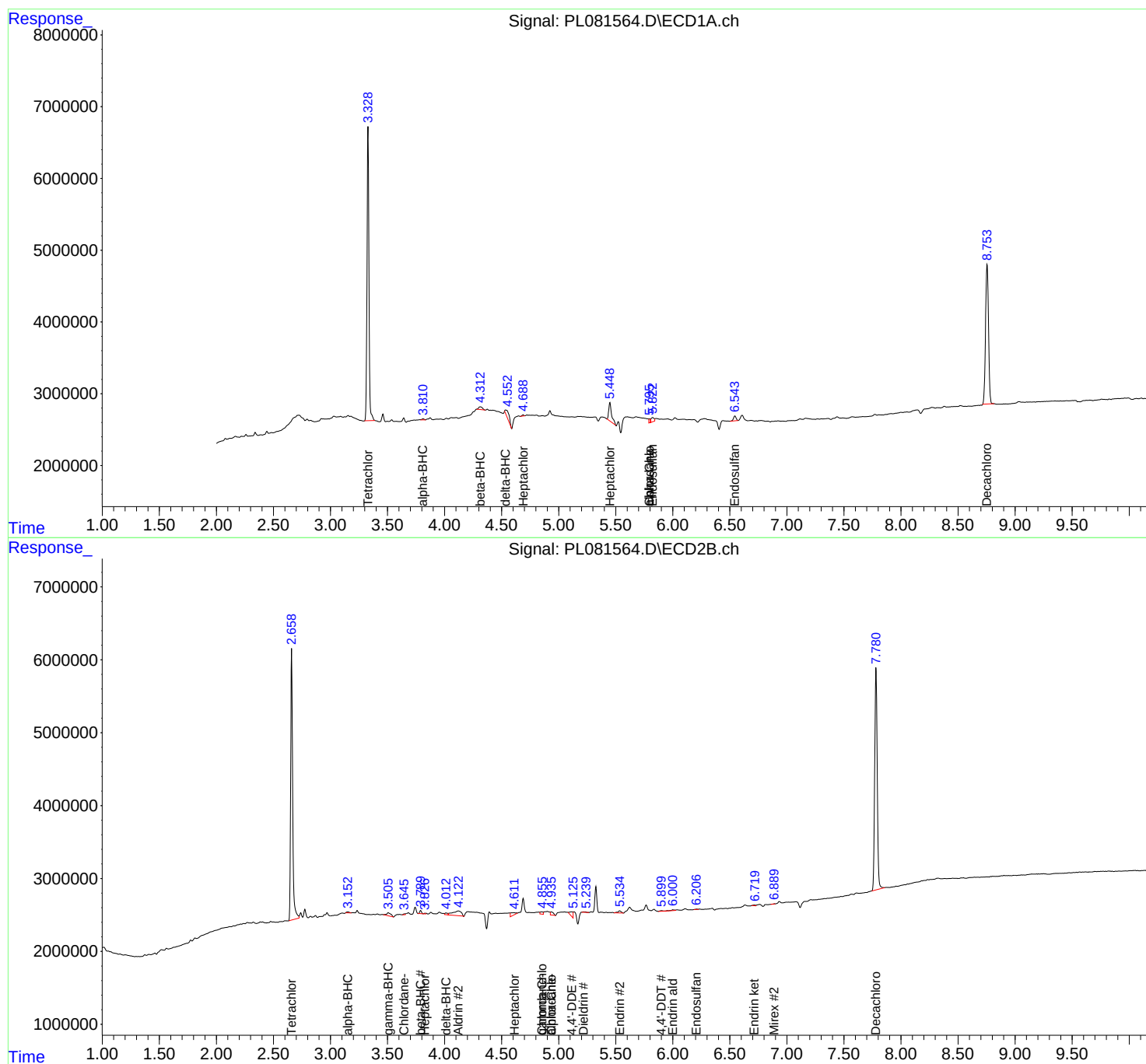
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

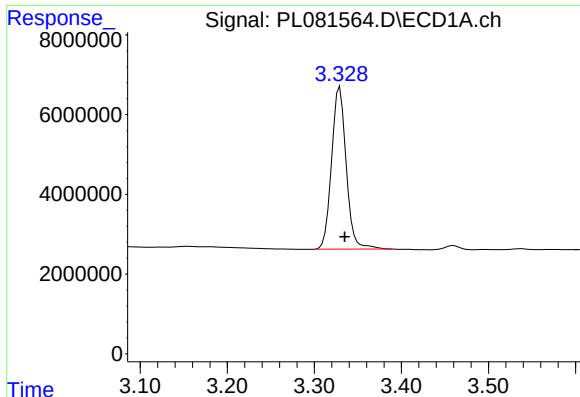
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031723\  
Data File : PL081564.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Mar 2023 19:20  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 22:38:37 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030223.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 03 01:48:45 2023  
Response via : Initial Calibration  
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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

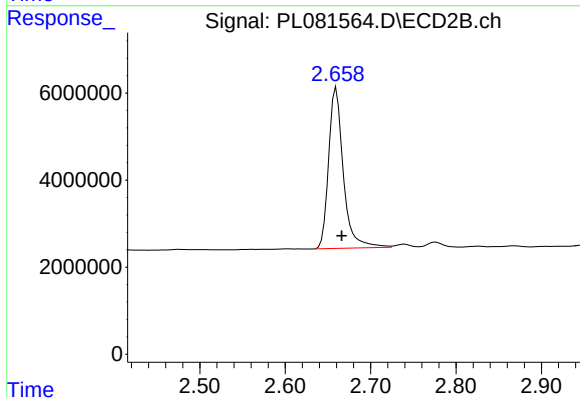




#1 Tetrachloro-m-xylene

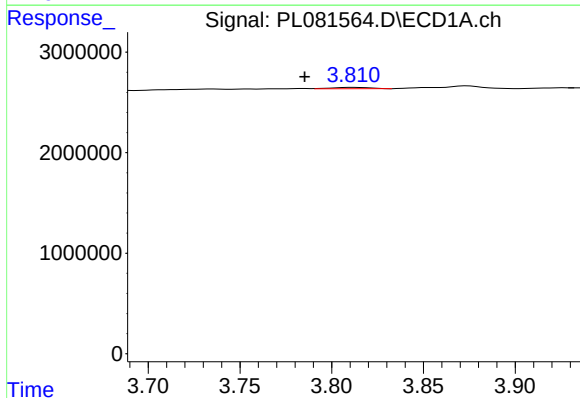
R.T.: 3.329 min  
Delta R.T.: -0.006 min  
Response: 47598668  
Conc: 22.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



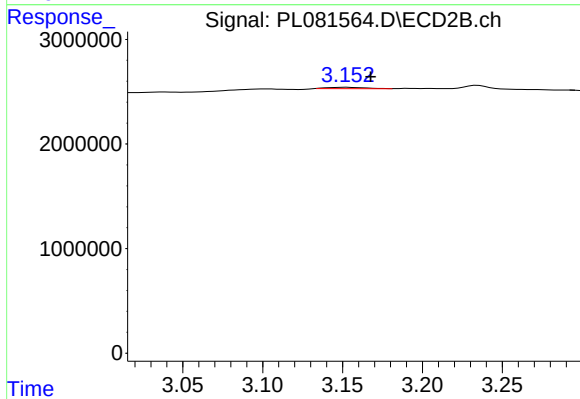
#1 Tetrachloro-m-xylene

R.T.: 2.660 min  
Delta R.T.: -0.007 min  
Response: 44275750  
Conc: 21.88 ng/ml



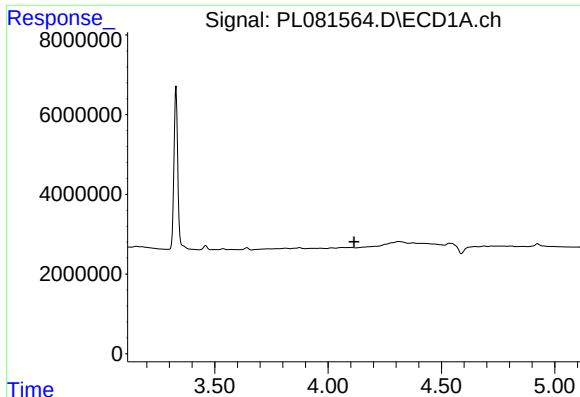
#2 alpha-BHC

R.T.: 3.812 min  
Delta R.T.: 0.026 min  
Response: 200419  
Conc: 0.06 ng/ml



#2 alpha-BHC

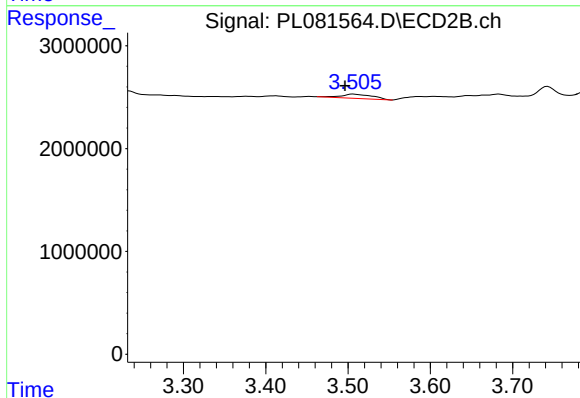
R.T.: 3.153 min  
Delta R.T.: -0.015 min  
Response: 212077  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

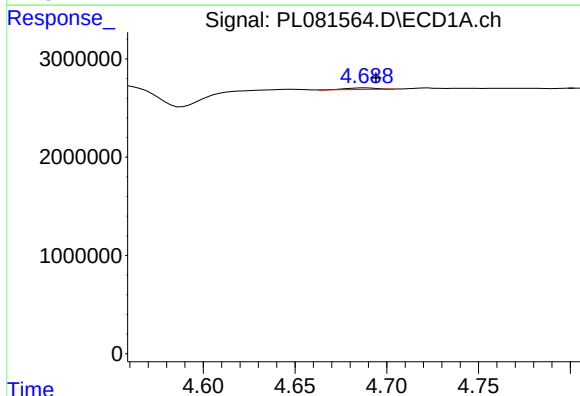
R.T.: 0.000 min  
Exp R.T.: 4.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



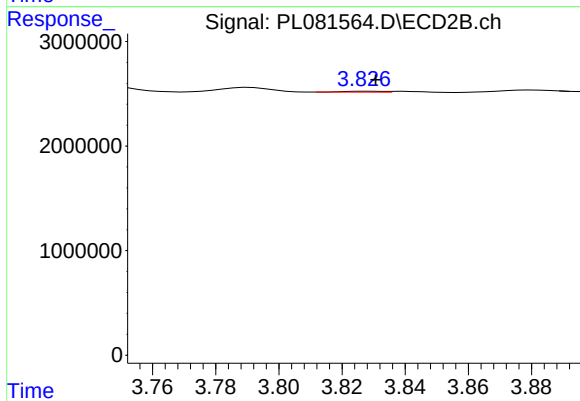
#3 gamma-BHC (Lindane)

R.T.: 3.506 min  
Delta R.T.: 0.010 min  
Response: 1107645  
Conc: 0.40 ng/ml



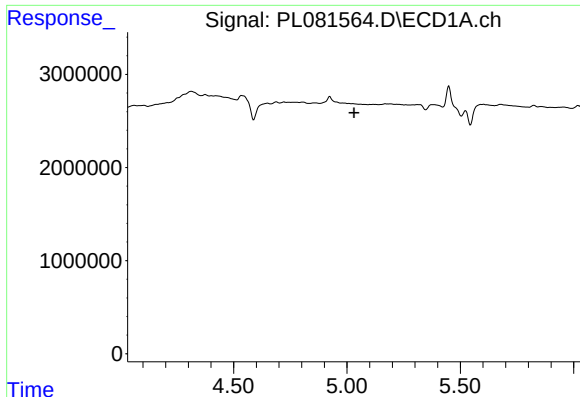
#4 Heptachlor

R.T.: 4.689 min  
Delta R.T.: -0.005 min  
Response: 176186  
Conc: 0.06 ng/ml



#4 Heptachlor

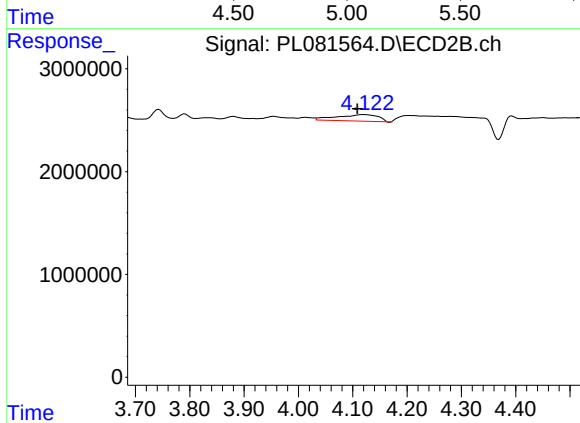
R.T.: 3.828 min  
Delta R.T.: -0.003 min  
Response: 80416  
Conc: 0.03 ng/ml



#5 Aldrin

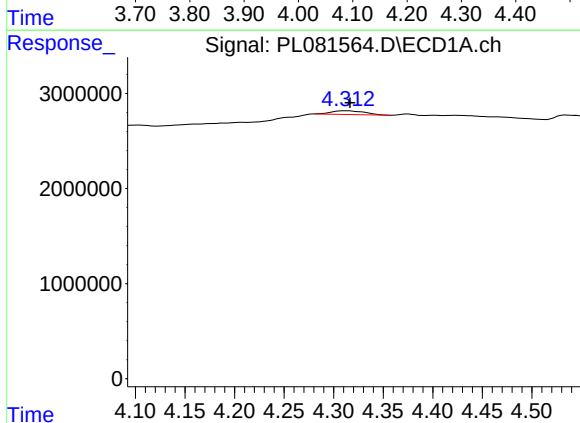
R.T.: 0.000 min  
Exp R.T.: 5.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



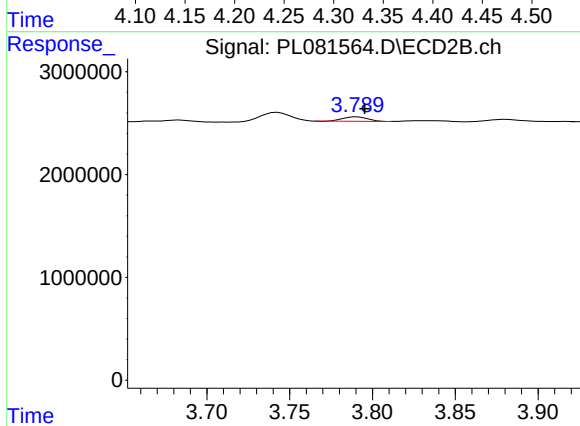
#5 Aldrin

R.T.: 4.121 min  
Delta R.T.: 0.012 min  
Response: 3292117  
Conc: 1.26 ng/ml



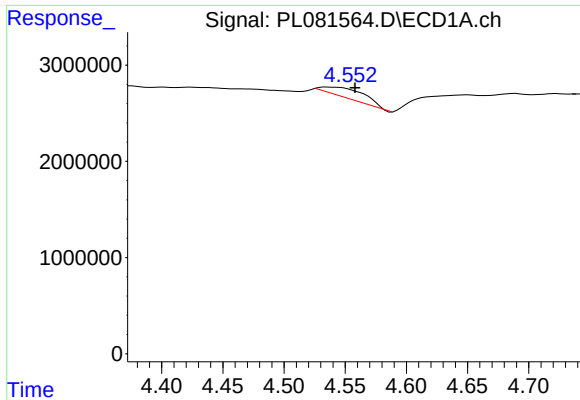
#6 beta-BHC

R.T.: 4.313 min  
Delta R.T.: -0.003 min  
Response: 882612  
Conc: 0.64 ng/ml



#6 beta-BHC

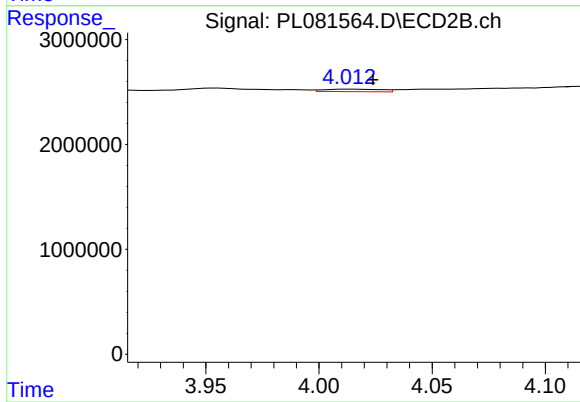
R.T.: 3.791 min  
Delta R.T.: -0.005 min  
Response: 442574  
Conc: 0.38 ng/ml



#7 delta-BHC

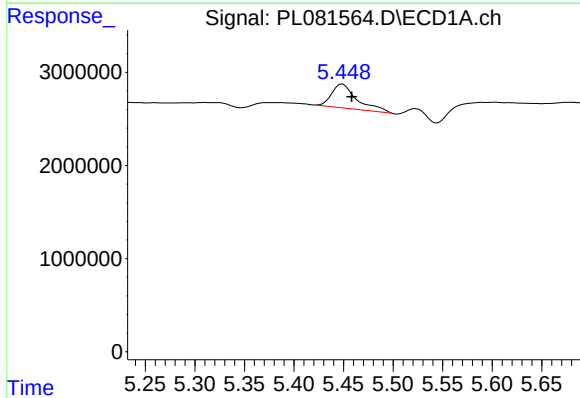
R.T.: 4.535 min  
Delta R.T.: -0.024 min  
Response: 2456555  
Conc: 0.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



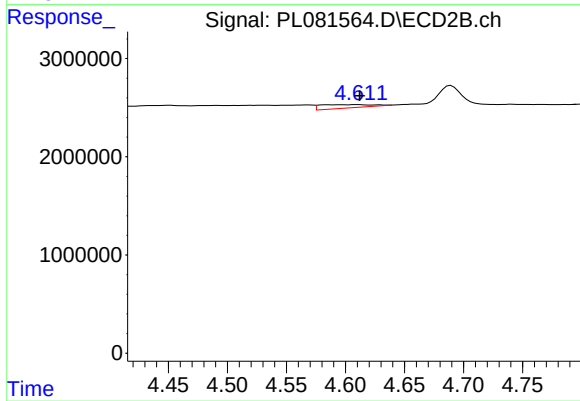
#7 delta-BHC

R.T.: 4.013 min  
Delta R.T.: -0.011 min  
Response: 420196  
Conc: 0.16 ng/ml



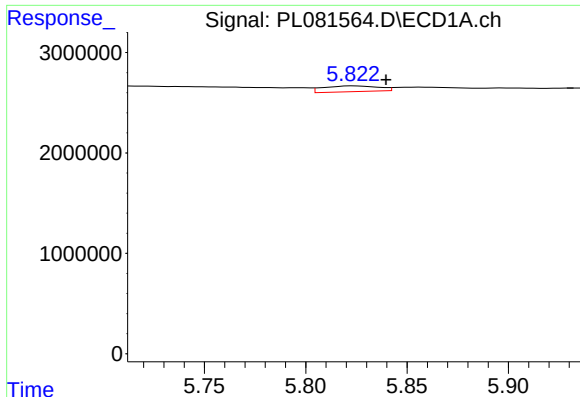
#8 Heptachlor epoxide

R.T.: 5.449 min  
Delta R.T.: -0.009 min  
Response: 4480636  
Conc: 1.90 ng/ml



#8 Heptachlor epoxide

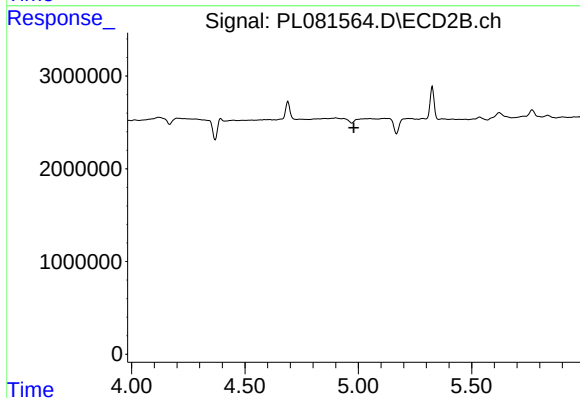
R.T.: 4.611 min  
Delta R.T.: -0.001 min  
Response: 1061385  
Conc: 0.44 ng/ml



#9 Endosulfan I

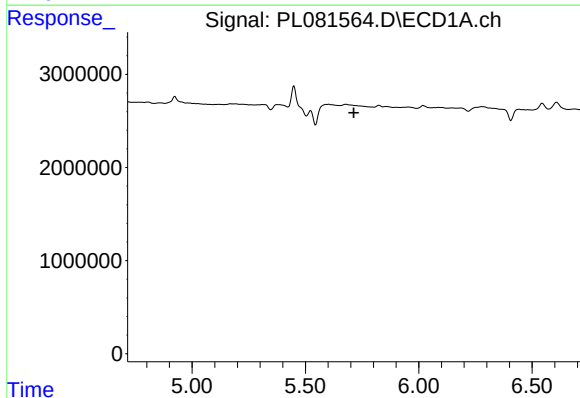
R.T.: 5.824 min  
Delta R.T.: -0.016 min  
Response: 1095907  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



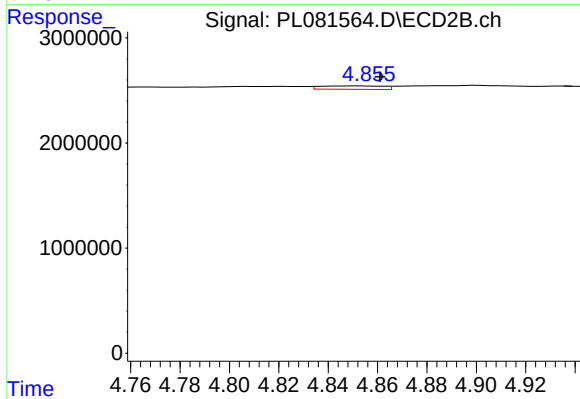
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.980 min  
Response: 0  
Conc: N.D.



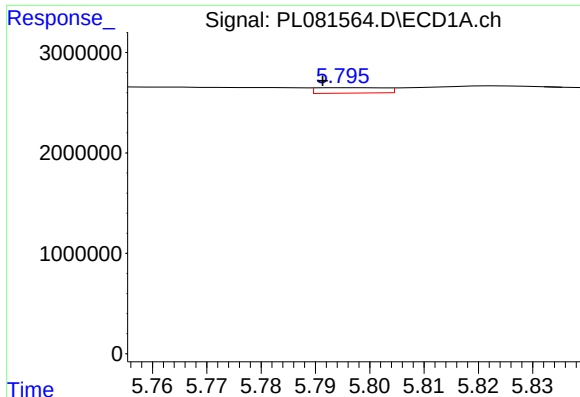
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.713 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

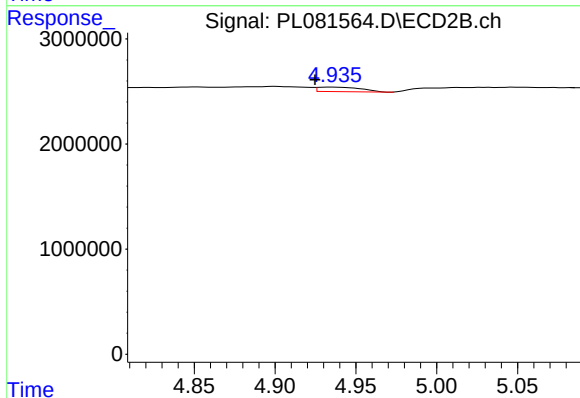
R.T.: 4.853 min  
Delta R.T.: -0.008 min  
Response: 559597  
Conc: 0.23 ng/ml



#11 alpha-Chlordane

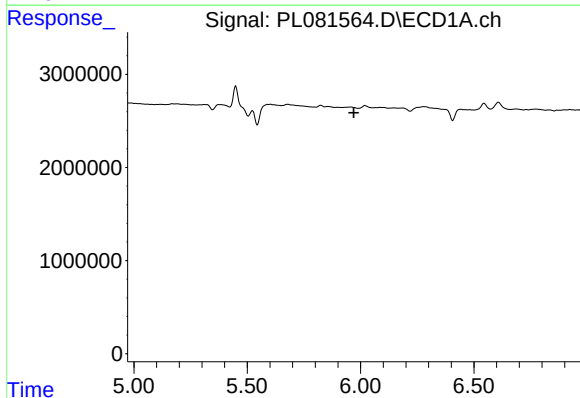
R.T.: 5.796 min  
Delta R.T.: 0.004 min  
Response: 474471  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



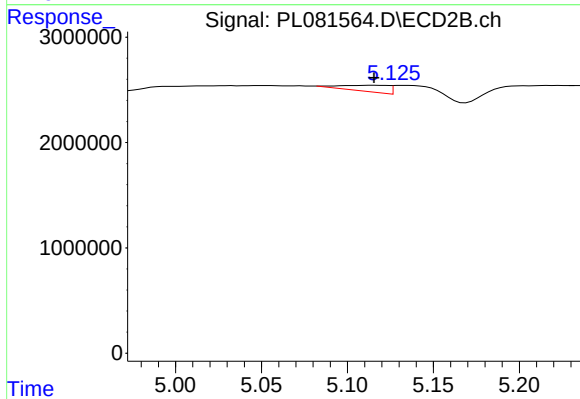
#11 alpha-Chlordane

R.T.: 4.936 min  
Delta R.T.: 0.011 min  
Response: 811508  
Conc: 0.33 ng/ml



#12 4,4'-DDE

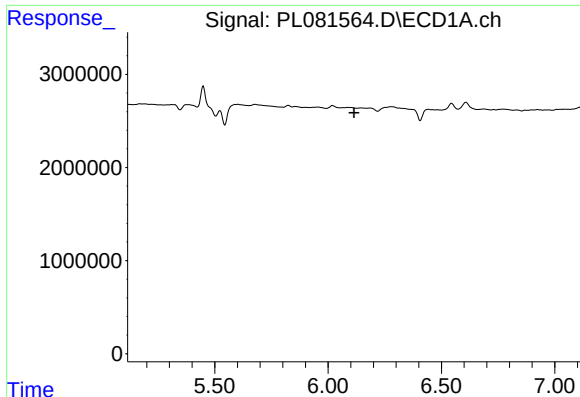
R.T.: 0.000 min  
Exp R.T. : 5.970 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 1142785  
Conc: 0.58 ng/ml

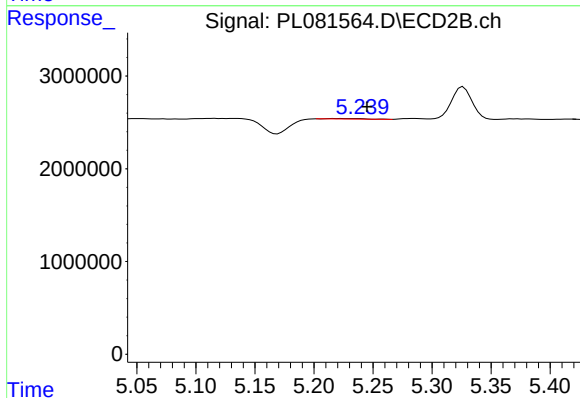




#13 Dieldrin

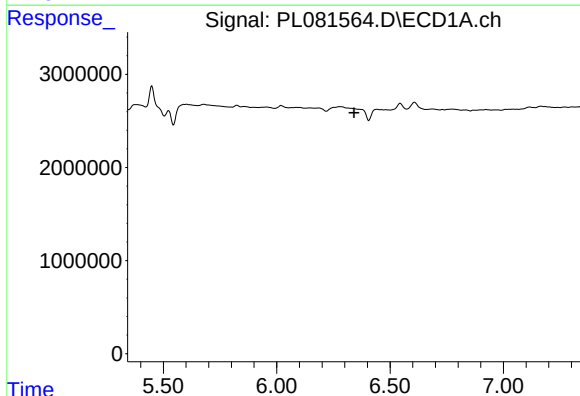
R.T.: 0.000 min  
Exp R.T.: 6.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



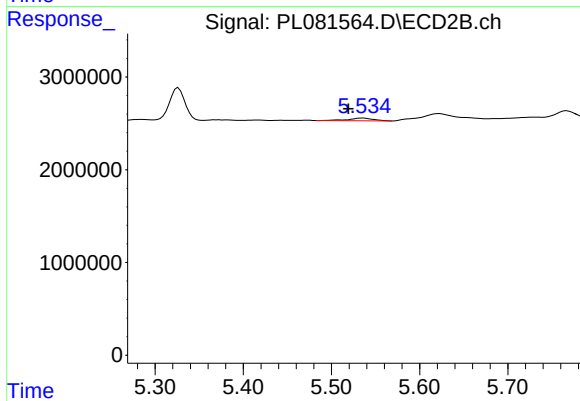
#13 Dieldrin

R.T.: 5.219 min  
Delta R.T.: -0.025 min  
Response: 114562  
Conc: 0.05 ng/ml



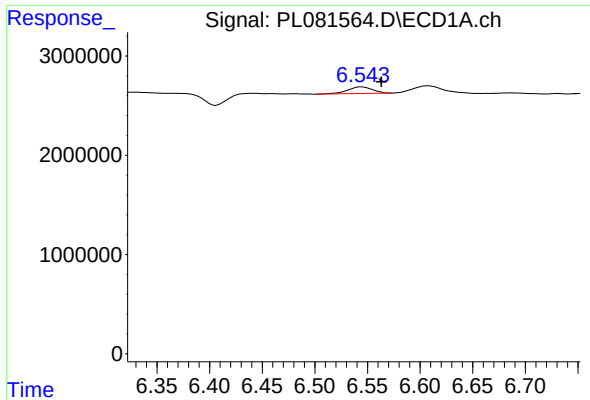
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.342 min  
Response: 0  
Conc: N.D.



#14 Endrin

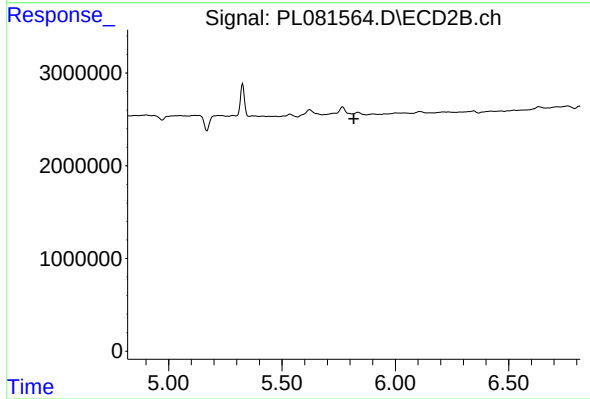
R.T.: 5.535 min  
Delta R.T.: 0.016 min  
Response: 575157  
Conc: 0.29 ng/ml



#15 Endosulfan II

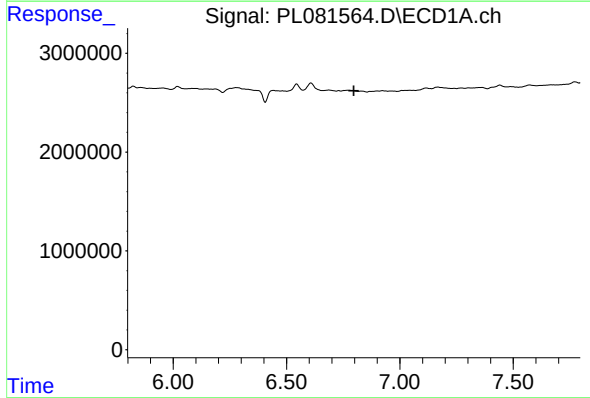
R.T.: 6.545 min  
Delta R.T.: -0.019 min  
Response: 1091790  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



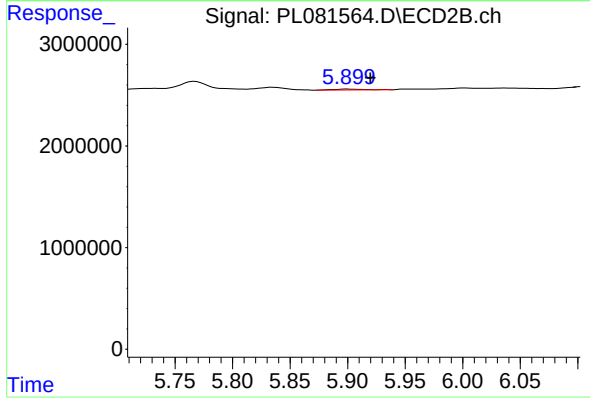
#15 Endosulfan II

R.T.: 5.835 min  
Delta R.T.: 0.019 min  
Response: -6696  
Conc: N.D.



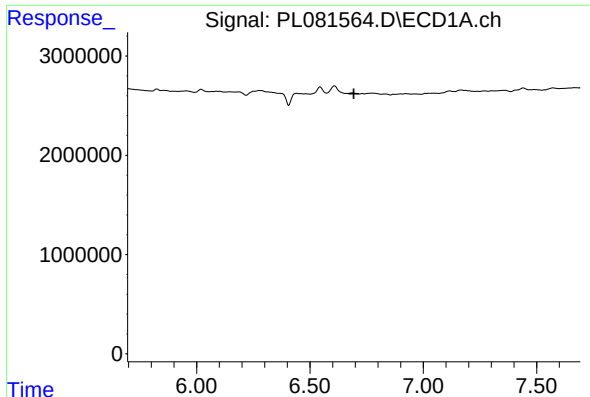
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.797 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

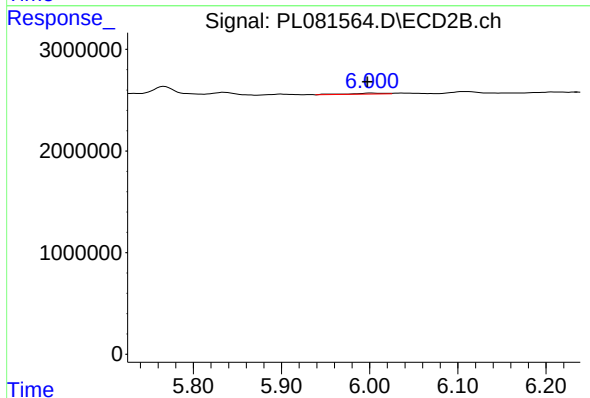
R.T.: 5.900 min  
Delta R.T.: -0.019 min  
Response: 181039  
Conc: 0.11 ng/ml



#18 Endrin aldehyde

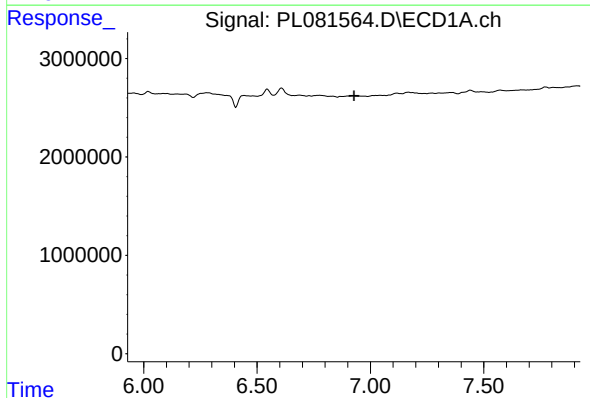
R.T.: 0.000 min  
Exp R.T.: 6.693 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



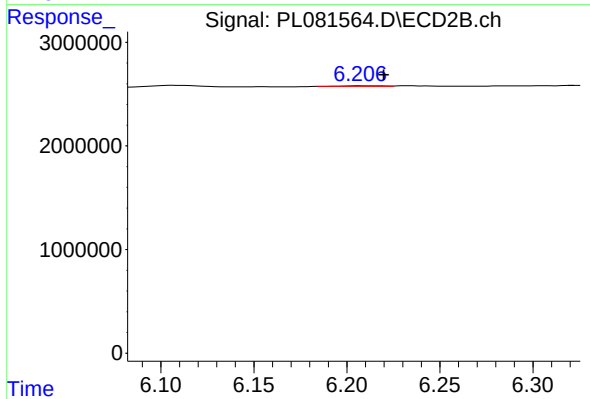
#18 Endrin aldehyde

R.T.: 6.002 min  
Delta R.T.: 0.004 min  
Response: 278283  
Conc: 0.18 ng/ml



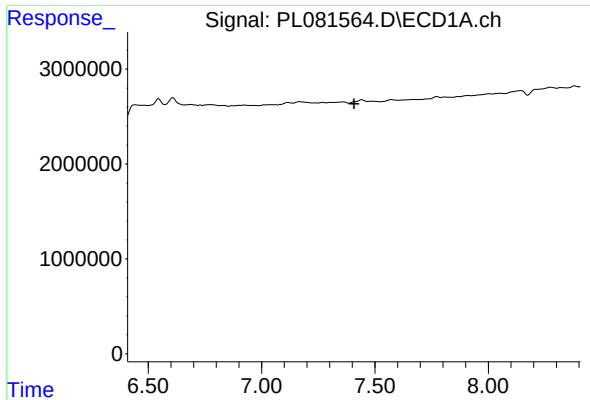
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.928 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

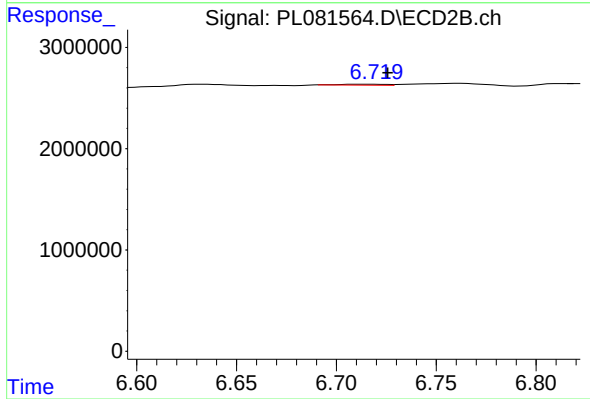
R.T.: 6.208 min  
Delta R.T.: -0.012 min  
Response: 84792  
Conc: 0.04 ng/ml



#21 Endrin ketone

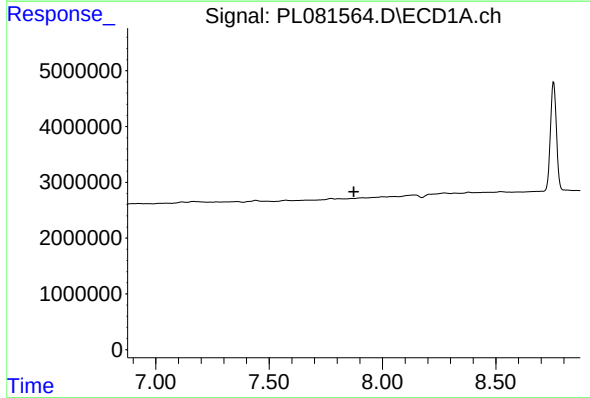
R.T.: 0.000 min  
Exp R.T.: 7.408 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



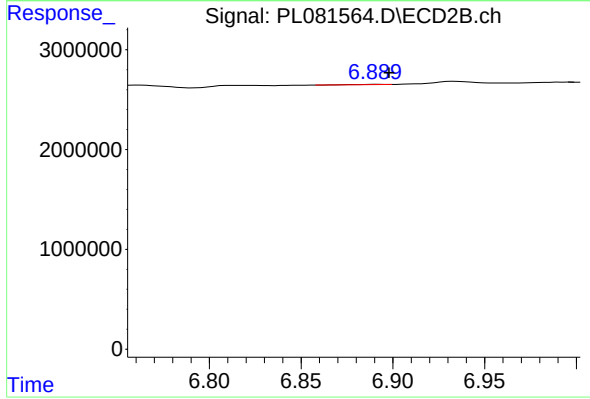
#21 Endrin ketone

R.T.: 6.713 min  
Delta R.T.: -0.013 min  
Response: 150610  
Conc: 0.07 ng/ml



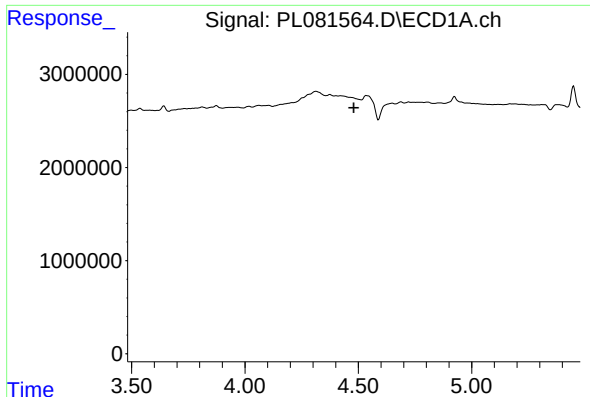
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.873 min  
Response: 0  
Conc: N.D.



#22 Mirex

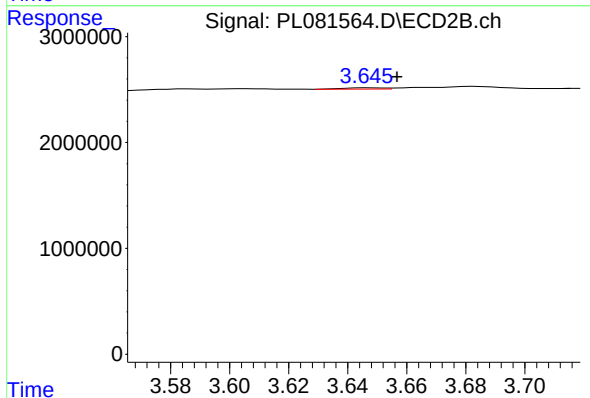
R.T.: 6.891 min  
Delta R.T.: -0.007 min  
Response: 32022  
Conc: 0.02 ng/ml



#23 Chlordane-1

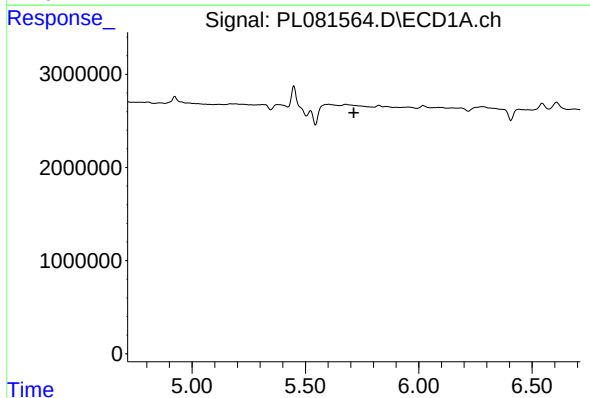
R.T.: 0.000 min  
Exp R.T.: 4.481 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



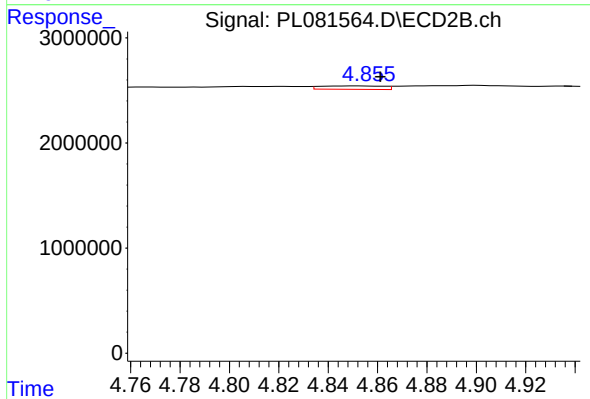
#23 Chlordane-1

R.T.: 3.648 min  
Delta R.T.: -0.009 min  
Response: 118063  
Conc: 1.43 ng/ml



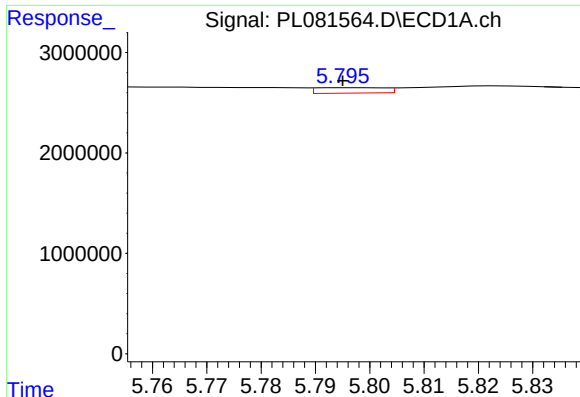
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.714 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

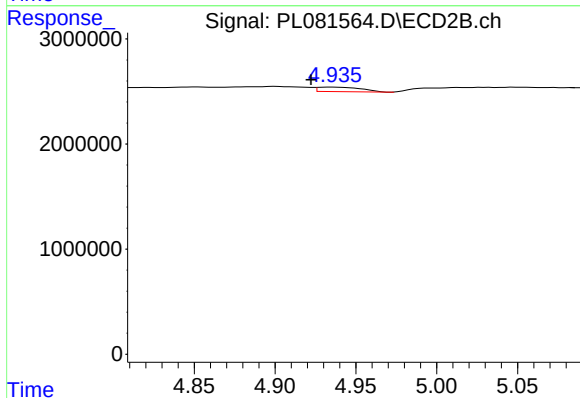
R.T.: 4.853 min  
Delta R.T.: -0.009 min  
Response: 559597  
Conc: 2.07 ng/ml



#26 Chlordane-4

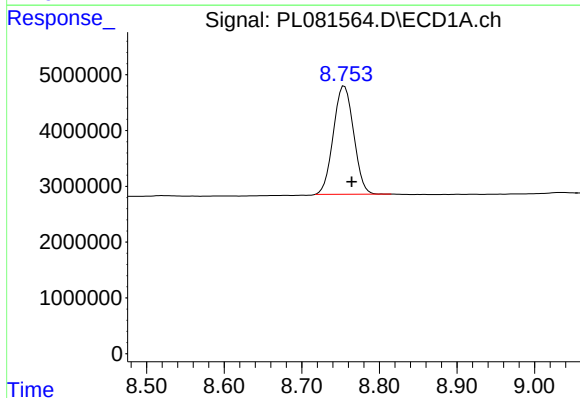
R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 474471  
Conc: 1.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



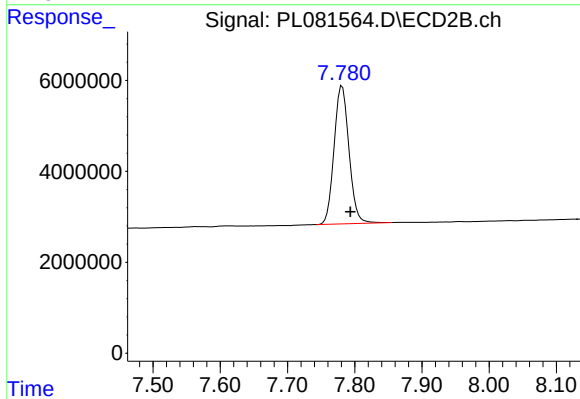
#26 Chlordane-4

R.T.: 4.936 min  
Delta R.T.: 0.013 min  
Response: 811508  
Conc: 2.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.755 min  
Delta R.T.: -0.010 min  
Response: 35323085  
Conc: 23.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.781 min  
Delta R.T.: -0.012 min  
Response: 46577582  
Conc: 24.32 ng/ml