

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022323\  
 Data File : PL081089.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2023 08:53  
 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: Feb 23 18:58:47 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... | 3.353  | 2.688  | 55999299 | 50782236 | 24.024 | 22.068   |
| 2)                          | SA Decachlor... | 8.791  | 7.832  | 43768725 | 51015590 | 22.387 | 21.777   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.175  | 0        | 93014    | N.D.   | 0.028 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.504  | 0        | 19298    | N.D.   | 0.006 #  |
| 4)                          | MA Heptachlor   | 4.713  | 3.873  | 287299   | 105714   | 0.087  | 0.032 #  |
| 5)                          | MB Aldrin       | 5.043  | 4.148  | 249932   | 4827155  | 0.083  | 1.571 #  |
| 7)                          | B delta-BHC     | 4.567  | 4.037  | 2033890  | 519818   | 0.633  | 0.172 #  |
| 8)                          | B Heptachlo...  | 5.476  | 4.669f | 3786122  | -76510   | 1.360  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.851  | 5.006  | 3459184  | 806919   | 1.333  | 0.303 #  |
| 10)                         | B gamma-Chl...  | 5.736  | 4.900  | 4846461  | 728657   | 1.735  | 0.250 #  |
| 11)                         | B alpha-Chl...  | 5.784f | 4.939f | 4272648  | 3372661  | 1.540  | 1.155    |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.146  | 0        | 904114   | N.D.   | 0.379 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.272  | 0        | 5918090  | N.D.   | 2.149 #  |
| 14)                         | MA Endrin       | 0.000  | 5.564f | 0        | 1107477  | N.D.   | 0.448 #  |
| 15)                         | B Endosulfa...  | 6.566  | 5.851  | 1562358  | -122702  | 0.704  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.499  | 5.696  | 3813800  | -50020   | 1.886  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.846f | 5.958  | 1221041  | 115067   | 0.540  | 0.053 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.024  | 0        | 67117    | N.D.   | 0.036 #  |
| 19)                         | B Endosulfa...  | 6.916f | 6.237  | 412890   | 347045   | 0.179  | 0.146    |
| 20)                         | A Methoxychlor  | 0.000  | 6.529  | 0        | 148337   | N.D.   | 0.124 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.693  | 0        | 304056   | N.D.   | 3.730 #  |
| 24)                         | Chlordane-2     | 5.043f | 4.252  | 249932   | 1386861  | 2.458  | 15.258 # |
| 25)                         | Chlordane-3     | 5.736  | 4.900  | 4846461  | 728657   | 12.752 | 2.773 #  |
| 26)                         | Chlordane-4     | 5.784f | 4.939  | 4272648  | 3372661  | 9.221  | 12.570 # |
| -----                       |                 |        |        |          |          |        |          |

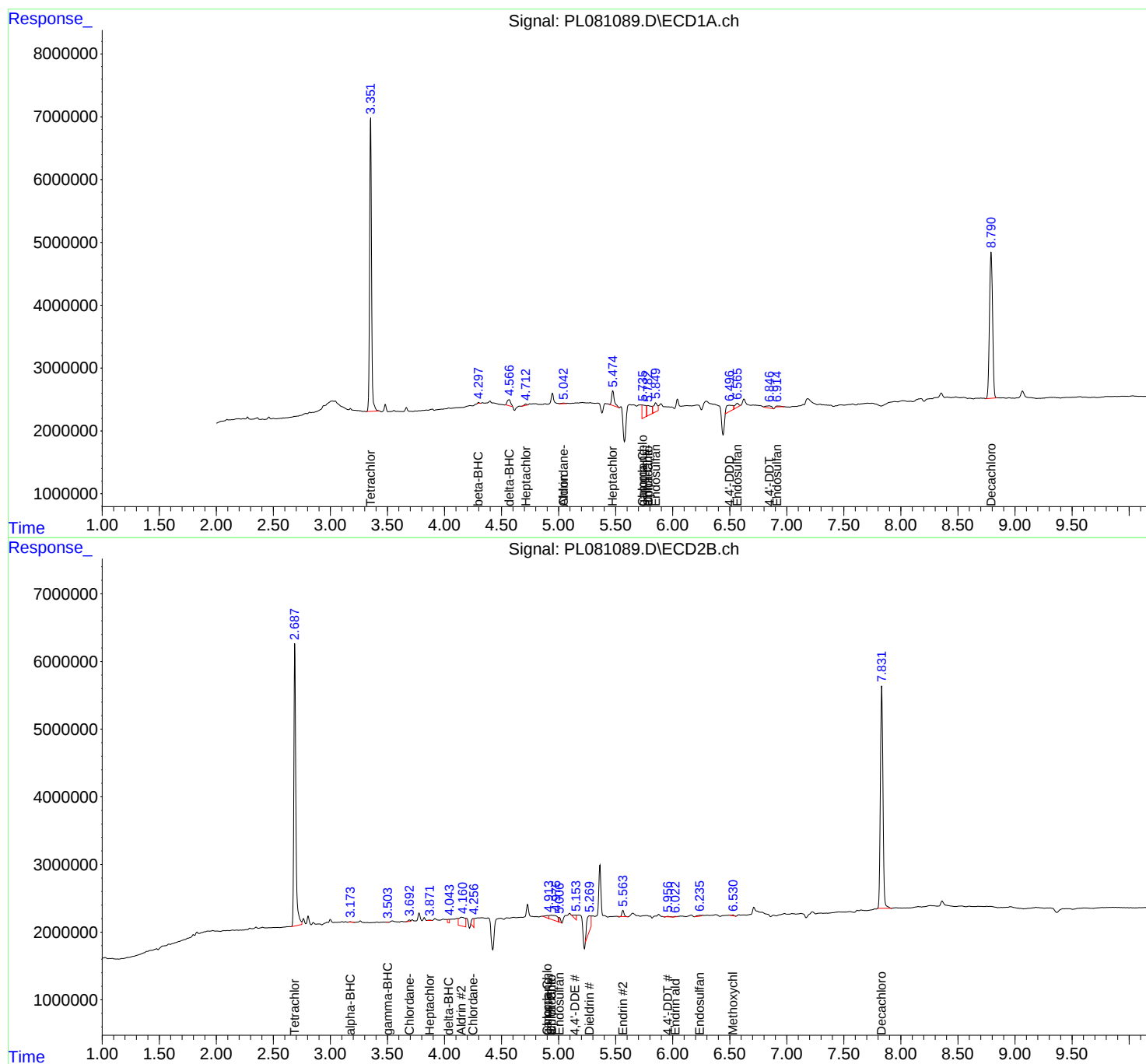
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

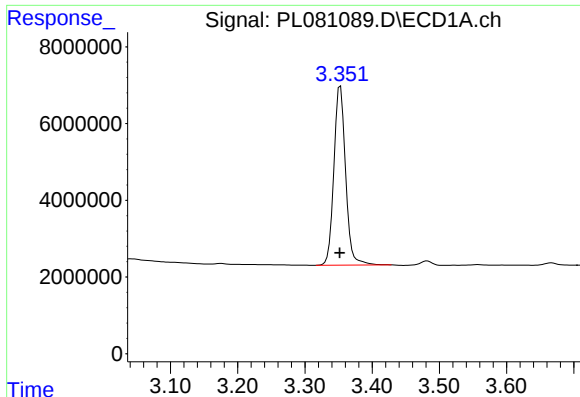
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022323\  
Data File : PL081089.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Feb 2023 08:53  
Operator : AR\AJ  
Sample : I.BLK  
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ECD\_L  
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Quant Time: Feb 23 18:58:47 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  
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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

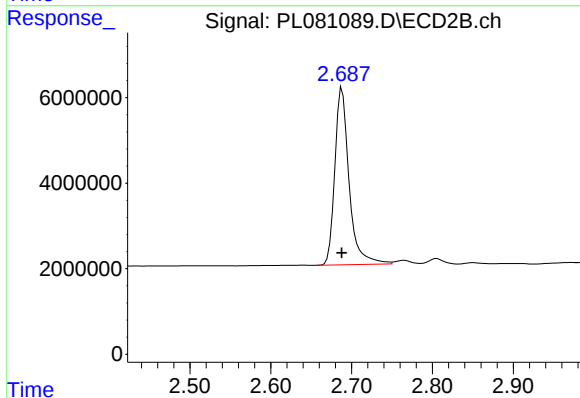




#1 Tetrachloro-m-xylene

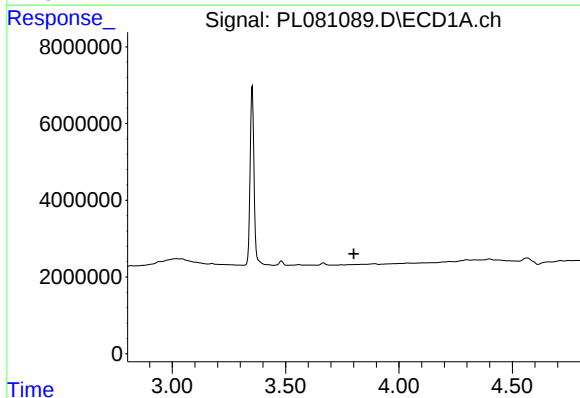
R.T.: 3.353 min  
Delta R.T.: 0.000 min  
Response: 55999299  
Conc: 24.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



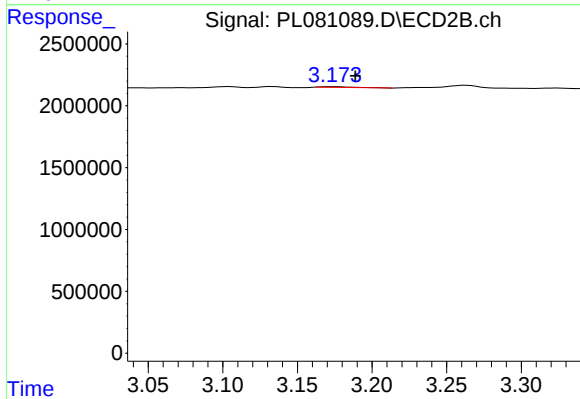
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 50782236  
Conc: 22.07 ng/ml



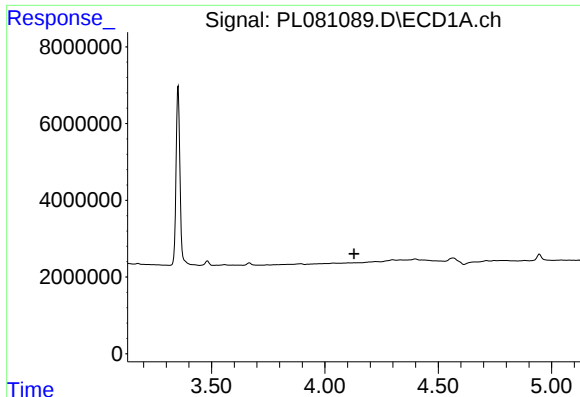
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.801 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

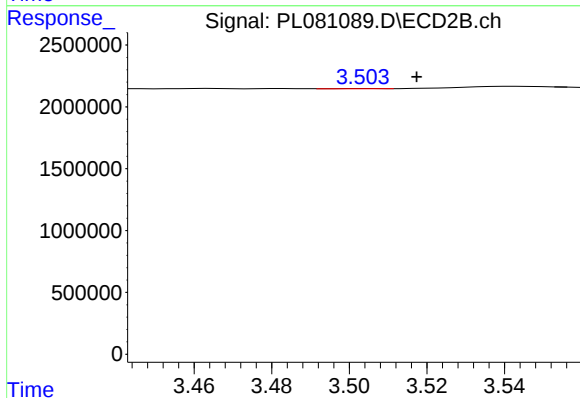
R.T.: 3.175 min  
Delta R.T.: -0.014 min  
Response: 93014  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

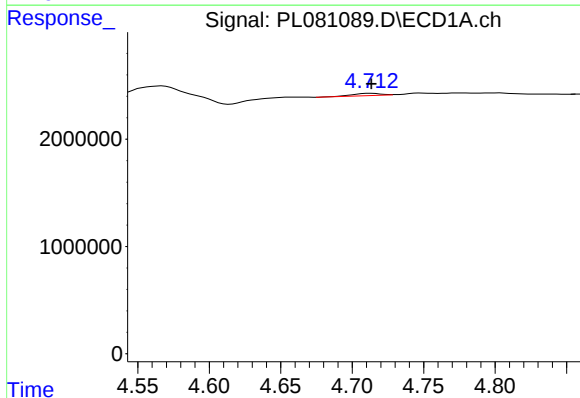
R.T.: 0.000 min  
Exp R.T.: 4.129 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



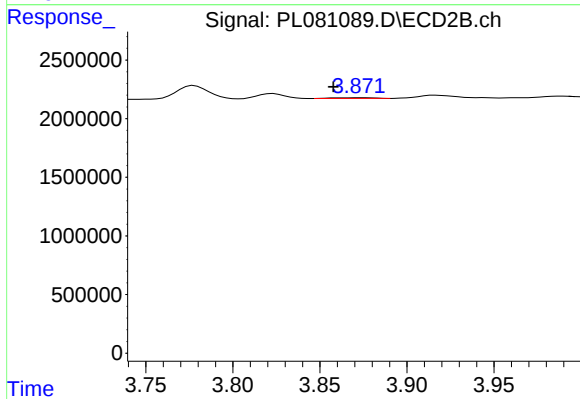
#3 gamma-BHC (Lindane)

R.T.: 3.504 min  
Delta R.T.: -0.013 min  
Response: 19298  
Conc: 0.01 ng/ml



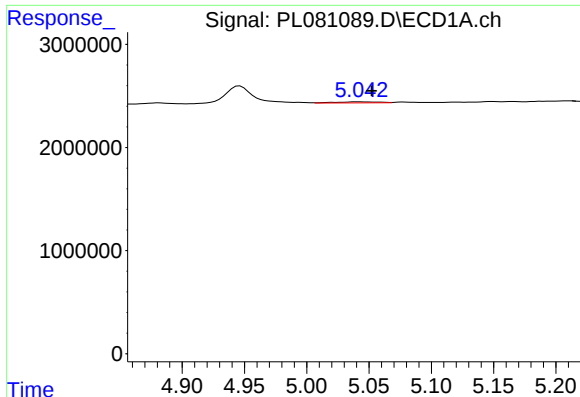
#4 Heptachlor

R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 287299  
Conc: 0.09 ng/ml



#4 Heptachlor

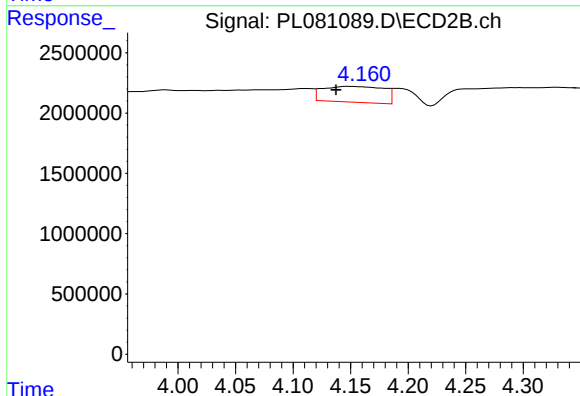
R.T.: 3.873 min  
Delta R.T.: 0.015 min  
Response: 105714  
Conc: 0.03 ng/ml



#5 Aldrin

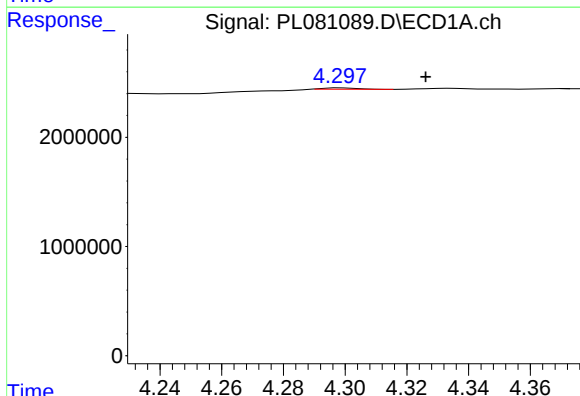
R.T.: 5.043 min  
Delta R.T.: -0.009 min  
Response: 249932  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



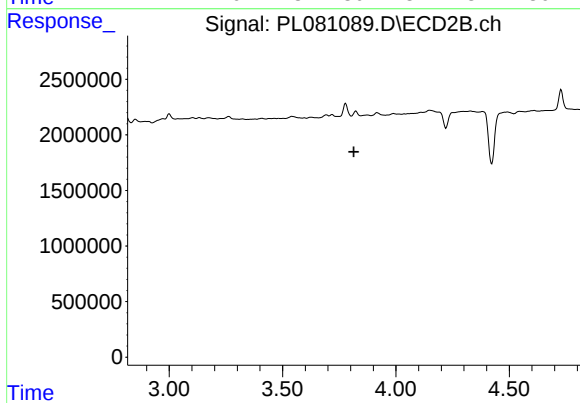
#5 Aldrin

R.T.: 4.148 min  
Delta R.T.: 0.010 min  
Response: 4827155  
Conc: 1.57 ng/ml



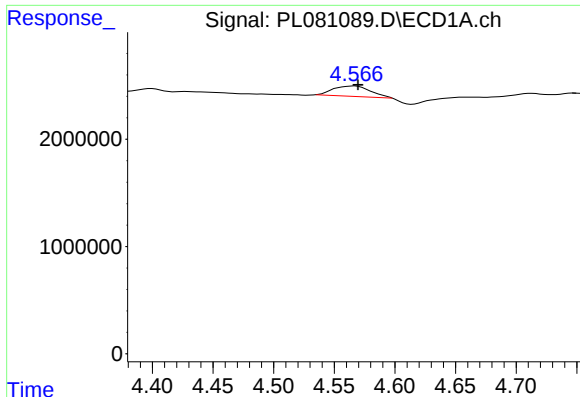
#6 beta-BHC

R.T.: 4.299 min  
Delta R.T.: -0.027 min  
Response: 95774  
Conc: 0.06 ng/ml



#6 beta-BHC

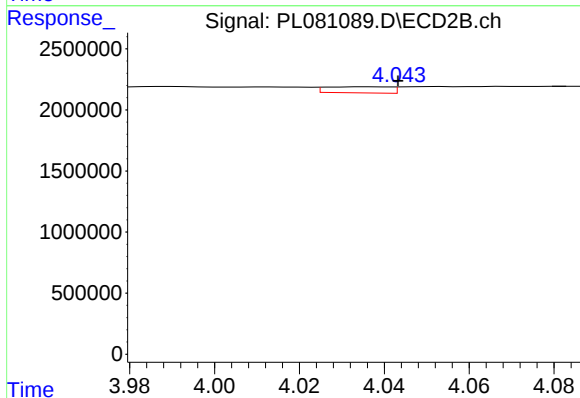
R.T.: 3.823 min  
Delta R.T.: 0.010 min  
Response: -265783  
Conc: N.D.



#7 delta-BHC

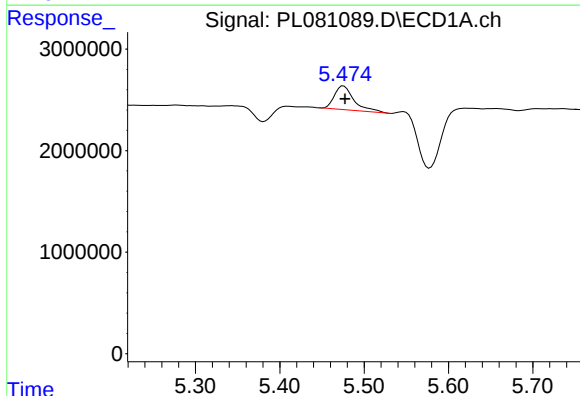
R.T.: 4.567 min  
Delta R.T.: -0.002 min  
Response: 2033890  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



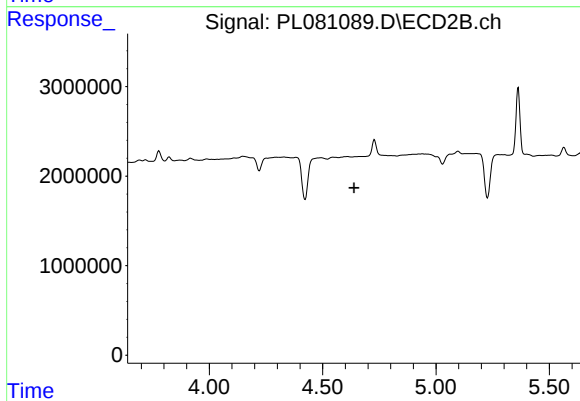
#7 delta-BHC

R.T.: 4.037 min  
Delta R.T.: -0.007 min  
Response: 519818  
Conc: 0.17 ng/ml



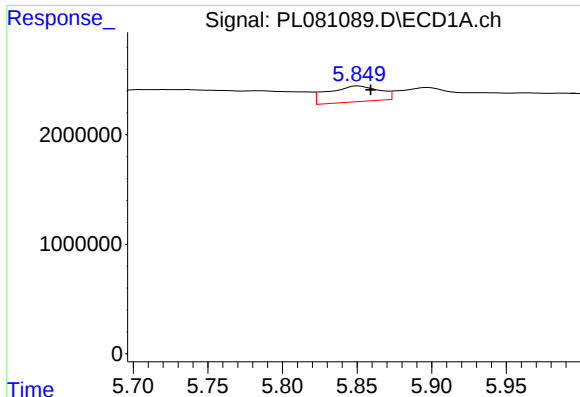
#8 Heptachlor epoxide

R.T.: 5.476 min  
Delta R.T.: -0.002 min  
Response: 3786122  
Conc: 1.36 ng/ml



#8 Heptachlor epoxide

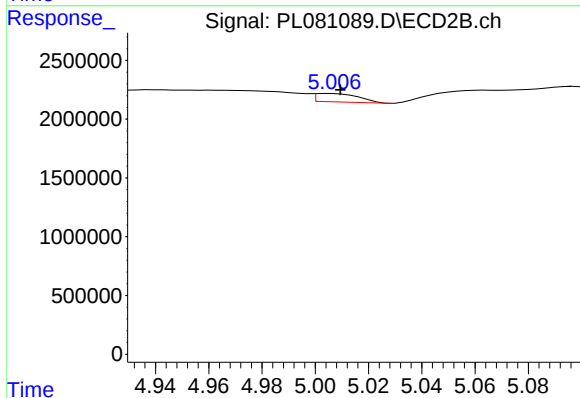
R.T.: 4.669 min  
Delta R.T.: 0.029 min  
Response: -76510  
Conc: N.D.



#9 Endosulfan I

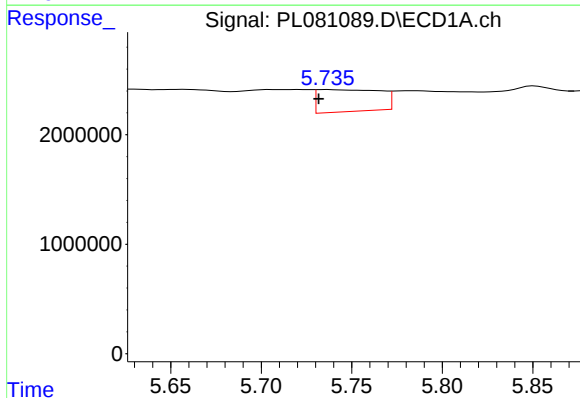
R.T.: 5.851 min  
Delta R.T.: -0.008 min  
Response: 3459184  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



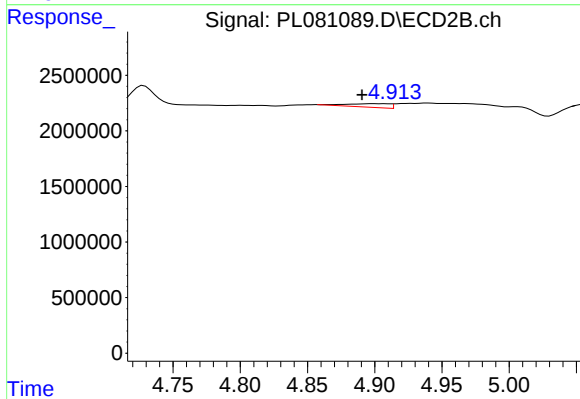
#9 Endosulfan I

R.T.: 5.006 min  
Delta R.T.: -0.004 min  
Response: 806919  
Conc: 0.30 ng/ml



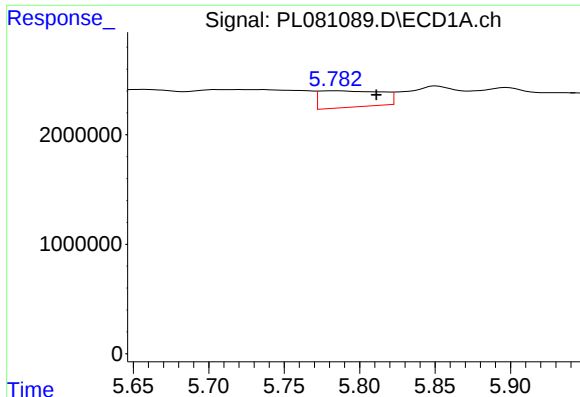
#10 gamma-Chlordane

R.T.: 5.736 min  
Delta R.T.: 0.005 min  
Response: 4846461  
Conc: 1.73 ng/ml



#10 gamma-Chlordane

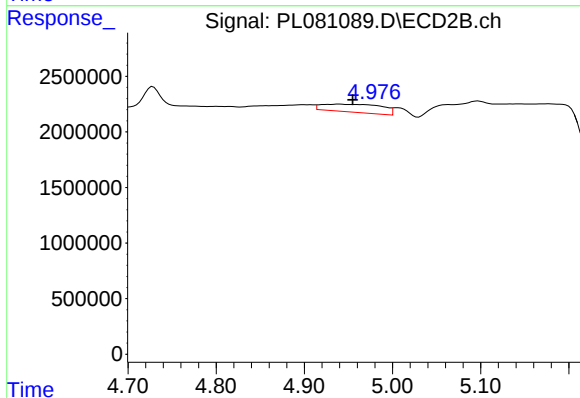
R.T.: 4.900 min  
Delta R.T.: 0.010 min  
Response: 728657  
Conc: 0.25 ng/ml



#11 alpha-Chlordane

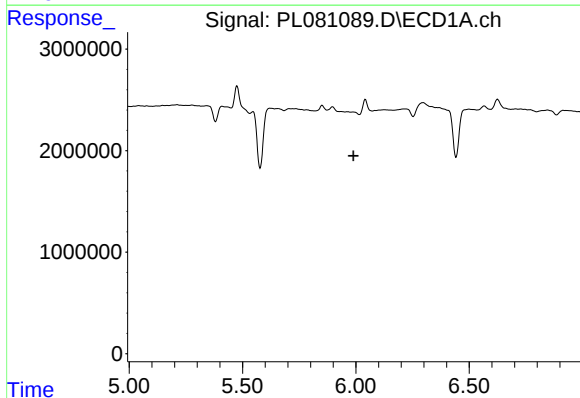
R.T.: 5.784 min  
Delta R.T.: -0.027 min  
Response: 4272648  
Conc: 1.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



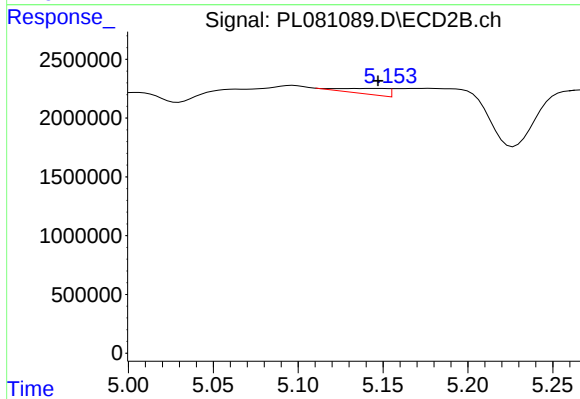
#11 alpha-Chlordane

R.T.: 4.939 min  
Delta R.T.: -0.016 min  
Response: 3372661  
Conc: 1.16 ng/ml



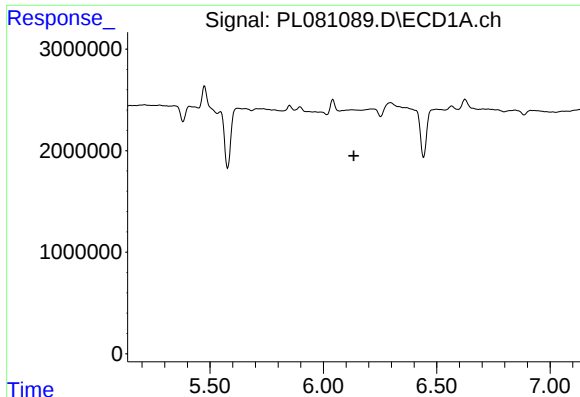
#12 4,4'-DDE

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



#12 4,4'-DDE

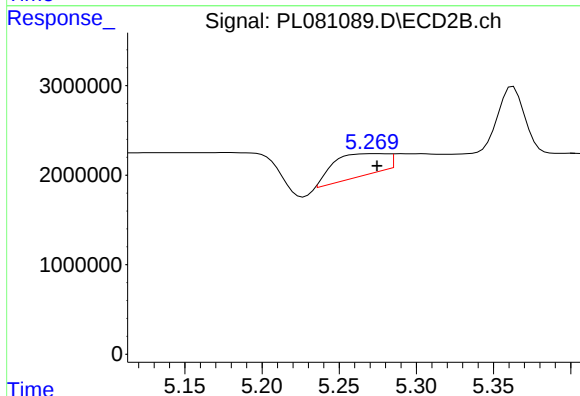
R.T.: 5.146 min  
Delta R.T.: -0.002 min  
Response: 904114  
Conc: 0.38 ng/ml



#13 Dieldrin

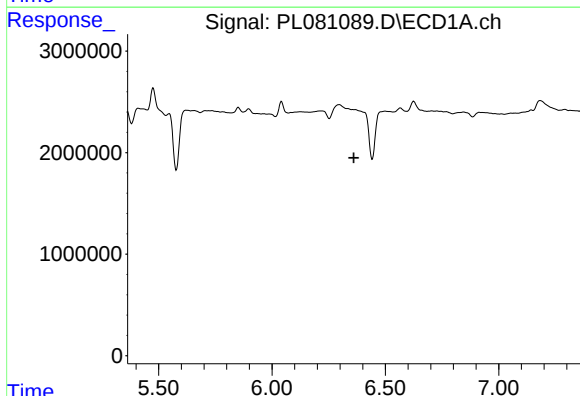
R.T.: 0.000 min  
Exp R.T.: 6.134 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



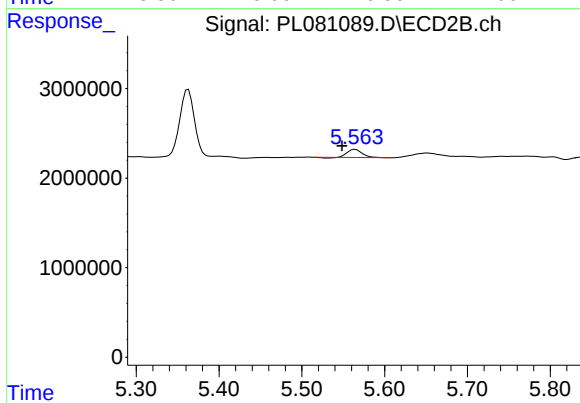
#13 Dieldrin

R.T.: 5.272 min  
Delta R.T.: -0.002 min  
Response: 5918090  
Conc: 2.15 ng/ml



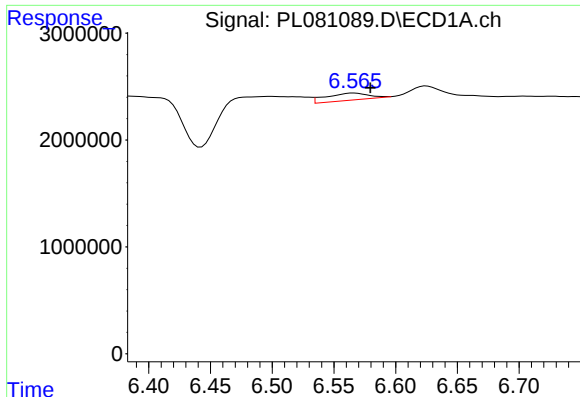
#14 Endrin

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



#14 Endrin

R.T.: 5.564 min  
Delta R.T.: 0.016 min  
Response: 1107477  
Conc: 0.45 ng/ml



#15 Endosulfan II

R.T.: 6.566 min  
Delta R.T.: -0.013 min  
Response: 1562358  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :

#15 Endosulfan II

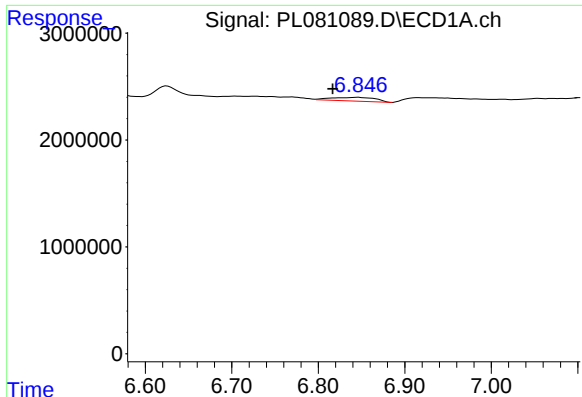
R.T.: 5.851 min  
Delta R.T.: 0.008 min  
Response: -122702  
Conc: N.D.

#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: -0.004 min  
Response: 3813800  
Conc: 1.89 ng/ml

#16 4,4'-DDD

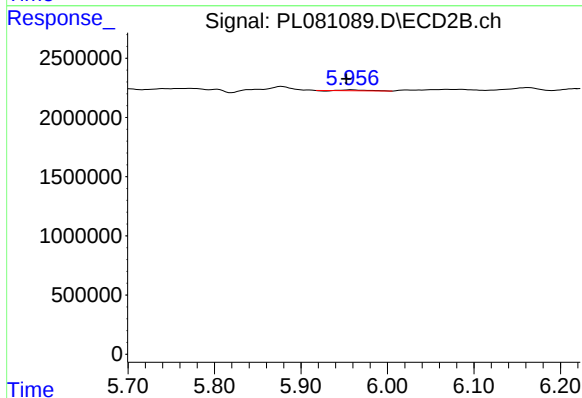
R.T.: 5.696 min  
Delta R.T.: -0.005 min  
Response: -50020  
Conc: N.D.



#17 4,4'-DDT

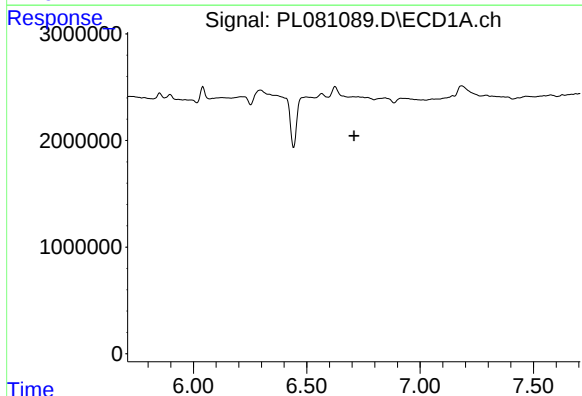
R.T.: 6.846 min  
Delta R.T.: 0.029 min  
Response: 1221041  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



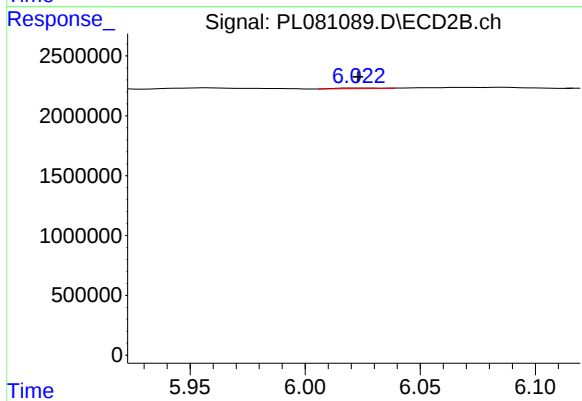
#17 4,4'-DDT

R.T.: 5.958 min  
Delta R.T.: 0.005 min  
Response: 115067  
Conc: 0.05 ng/ml



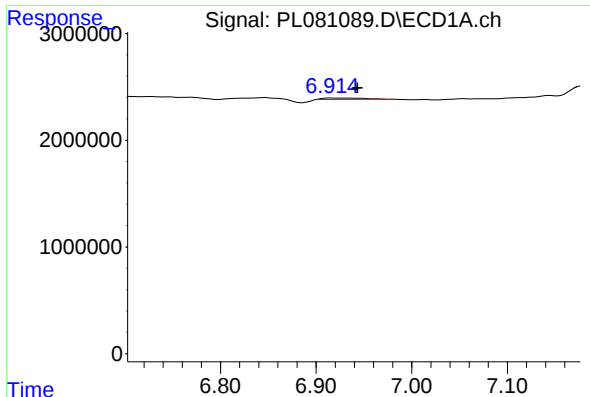
#18 Endrin aldehyde

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



#18 Endrin aldehyde

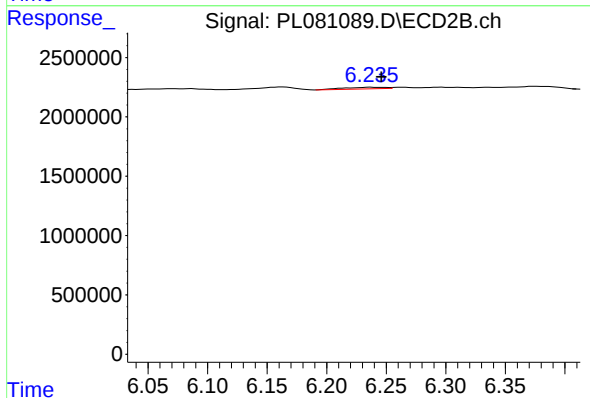
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 67117  
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

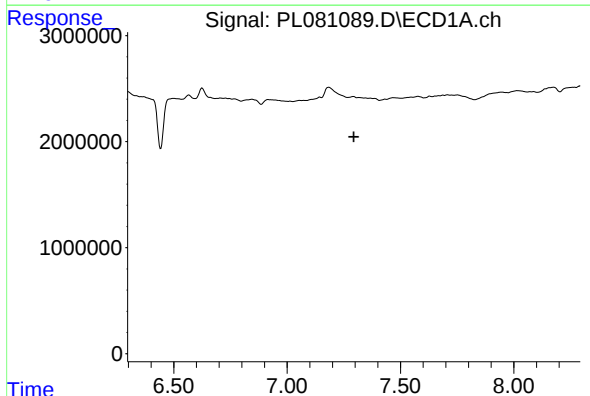
R.T.: 6.916 min  
Delta R.T.: -0.028 min  
Response: 412890  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



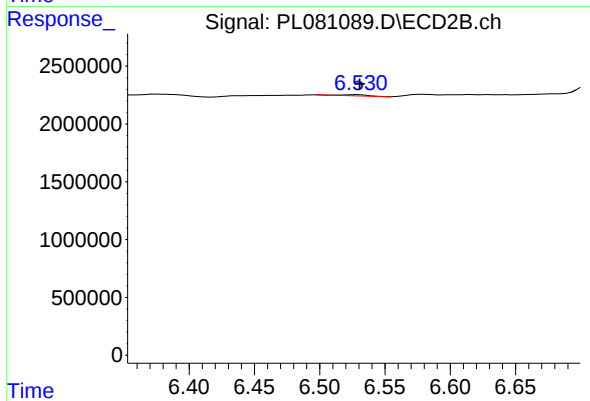
#19 Endosulfan Sulfate

R.T.: 6.237 min  
Delta R.T.: -0.009 min  
Response: 347045  
Conc: 0.15 ng/ml



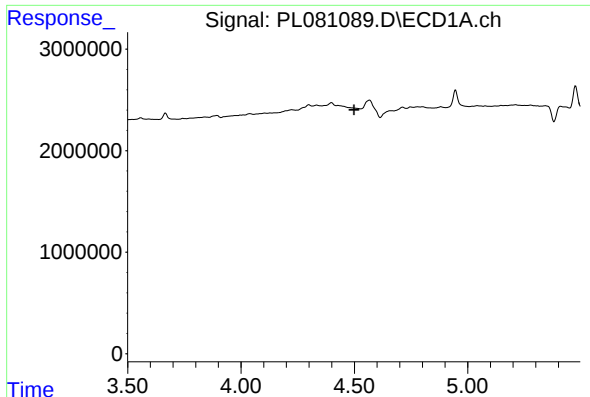
#20 Methoxychlor

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



#20 Methoxychlor

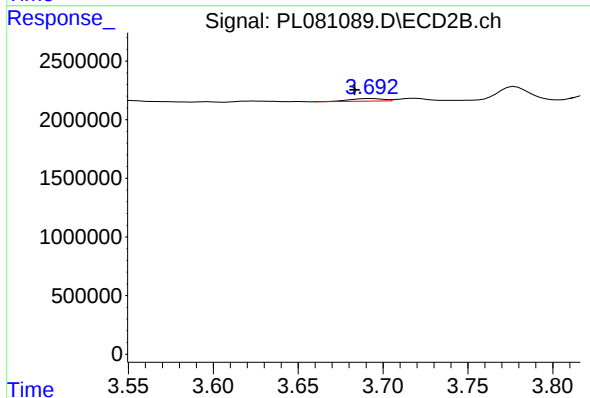
R.T.: 6.529 min  
Delta R.T.: -0.002 min  
Response: 148337  
Conc: 0.12 ng/ml



#23 Chlordane-1

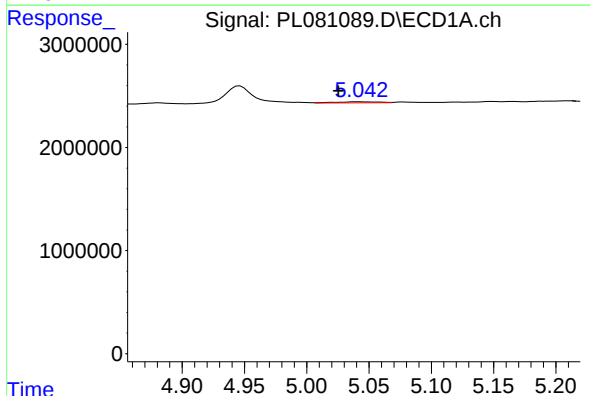
R.T.: 0.000 min  
Exp R.T.: 4.499 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



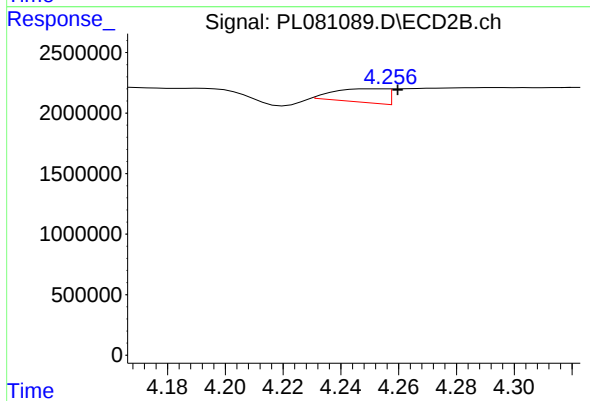
#23 Chlordane-1

R.T.: 3.693 min  
Delta R.T.: 0.010 min  
Response: 304056  
Conc: 3.73 ng/ml



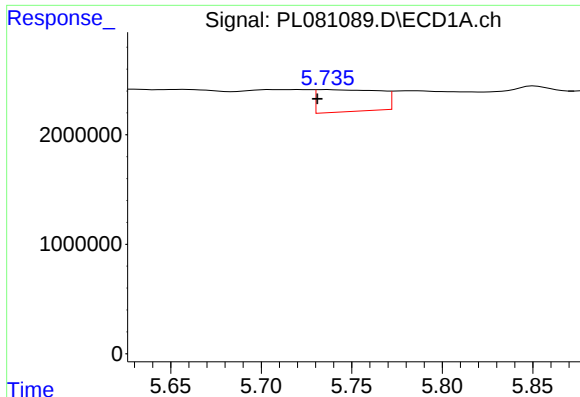
#24 Chlordane-2

R.T.: 5.043 min  
Delta R.T.: 0.018 min  
Response: 249932  
Conc: 2.46 ng/ml



#24 Chlordane-2

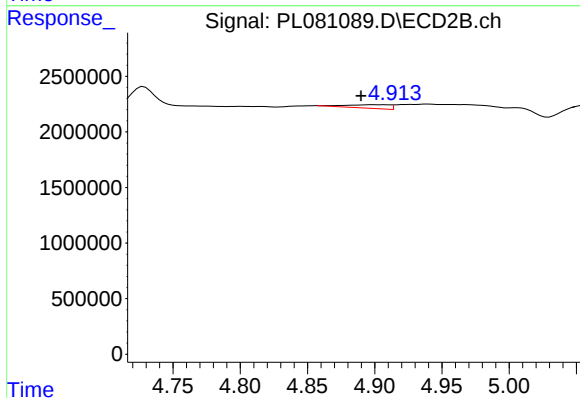
R.T.: 4.252 min  
Delta R.T.: -0.008 min  
Response: 1386861  
Conc: 15.26 ng/ml



#25 Chlordane-3

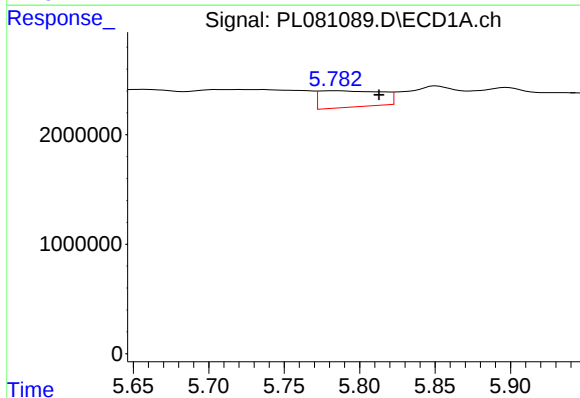
R.T.: 5.736 min  
Delta R.T.: 0.005 min  
Response: 4846461  
Conc: 12.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



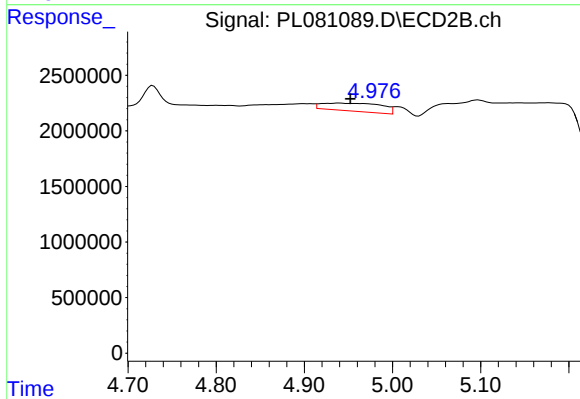
#25 Chlordane-3

R.T.: 4.900 min  
Delta R.T.: 0.011 min  
Response: 728657  
Conc: 2.77 ng/ml



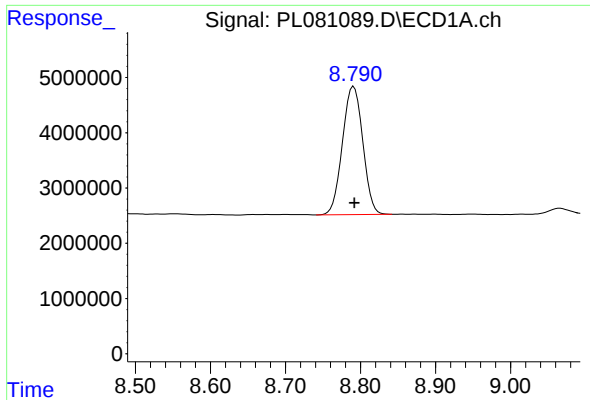
#26 Chlordane-4

R.T.: 5.784 min  
Delta R.T.: -0.029 min  
Response: 4272648  
Conc: 9.22 ng/ml



#26 Chlordane-4

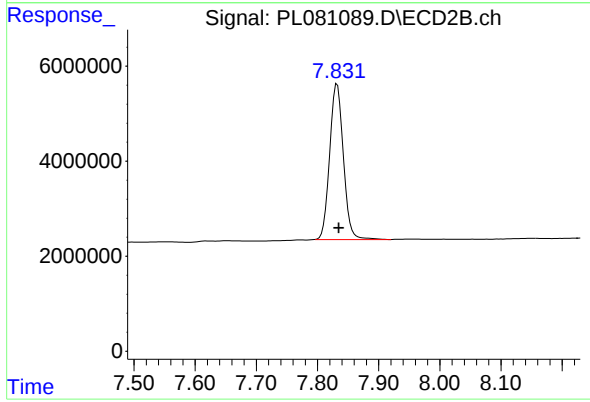
R.T.: 4.939 min  
Delta R.T.: -0.013 min  
Response: 3372661  
Conc: 12.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.791 min  
Delta R.T.: -0.001 min  
Response: 43768725  
Conc: 22.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.003 min  
Response: 51015590  
Conc: 21.78 ng/ml