

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031423\  
 Data File : PL081457.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2023 14:42  
 Operator : AR\AJ  
 Sample : 01905-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 21:37:54 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... | 3.332  | 2.662  | 25237199 | 23572472 | 11.681 | 11.647   |
| 28)                         | SA Decachlor... | 8.759  | 7.786  | 20049171 | 23162369 | 13.151 | 12.092   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 3.514f | 0        | 66804    | N.D.   | 0.024 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.109  | 0        | 459693   | N.D.   | 0.175 #  |
| 6)                          | B beta-BHC      | 4.306  | 3.796  | 2617602  | -32437   | 1.902  | N.D. #   |
| 7)                          | B delta-BHC     | 4.552  | 4.019  | 1465405  | 143760   | 0.527  | 0.056 #  |
| 8)                          | B Heptachlo...  | 5.455  | 4.597  | 249756   | 119236   | 0.106  | 0.049 #  |
| 9)                          | A Endosulfan I  | 5.865f | 0.000  | 395387   | 0        | 0.187  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.712  | 4.877f | 3686973  | 8528576  | 1.616  | 3.484 #  |
| 11)                         | B alpha-Chl...  | 5.794  | 4.914  | 8034444  | 2513237  | 3.566  | 1.026 #  |
| 12)                         | B 4,4'-DDE      | 5.970  | 5.108  | 465139   | 1778602  | 0.238  | 0.906 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.240  | 0        | 1688599  | N.D.   | 0.749 #  |
| 14)                         | MA Endrin       | 0.000  | 5.522  | 0        | 153351   | N.D.   | 0.076 #  |
| 15)                         | B Endosulfa...  | 6.549  | 5.809  | 335895   | 490636   | 0.193  | 0.266 #  |
| 16)                         | A 4,4'-DDD      | 6.486  | 0.000  | 79840    | 0        | 0.052  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.792  | 5.910  | 2848846  | 2554755  | 1.795  | 1.592    |
| 18)                         | B Endrin al...  | 0.000  | 6.006  | 0        | 178603   | N.D.   | 0.118 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.206  | 0        | 326242   | N.D.   | 0.170 #  |
| 20)                         | A Methoxychlor  | 7.279  | 6.518f | 241837   | -76779   | 0.281  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.383f | 6.745f | 199851   | 315398   | 0.110  | 0.146 #  |
| 22)                         | Mirex           | 7.886  | 6.903  | 62492    | 72177    | 0.043  | 0.038    |
| 23)                         | Chlordane-1     | 0.000  | 3.653  | 0        | 939921   | N.D.   | 11.399 # |
| 24)                         | Chlordane-2     | 0.000  | 4.224  | 0        | 621819   | N.D.   | 6.074 #  |
| 25)                         | Chlordane-3     | 5.712  | 4.877f | 3686973  | 8528576  | 10.080 | 31.557 # |
| 26)                         | Chlordane-4     | 5.794  | 4.914  | 8034444  | 2513237  | 18.279 | 8.949 #  |
| 27)                         | Chlordane-5     | 6.616f | 5.582  | 923381   | 254568   | 12.253 | 3.685 #  |
| -----                       |                 |        |        |          |          |        |          |

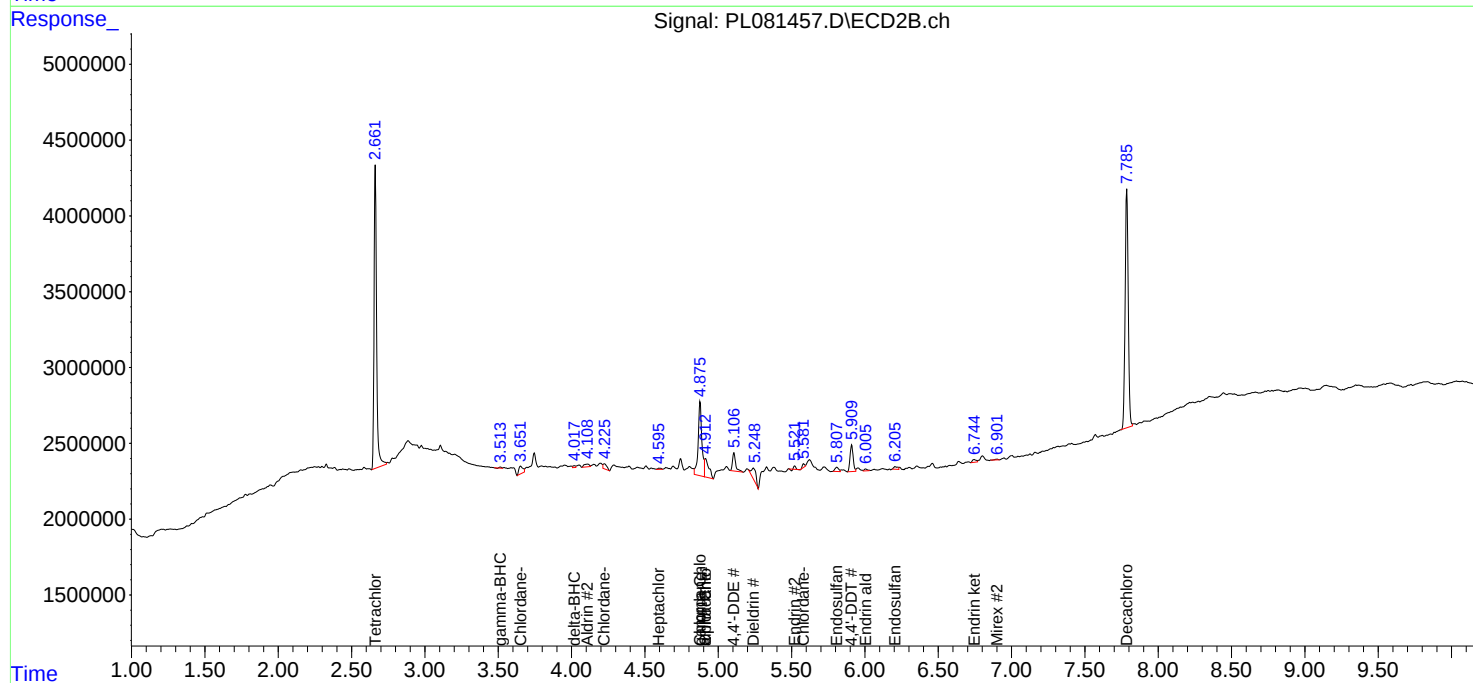
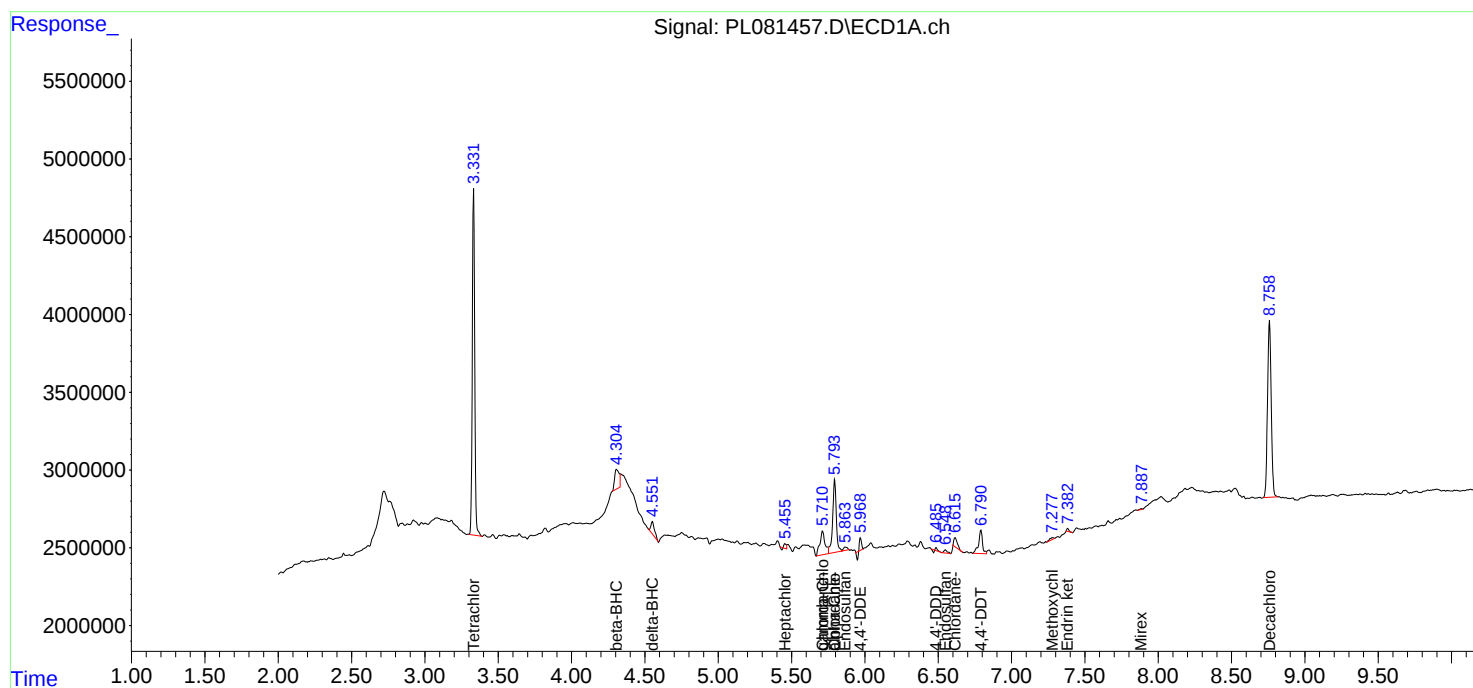
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

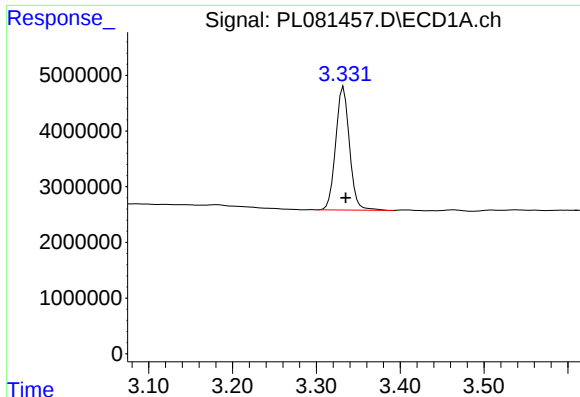
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031423\  
Data File : PL081457.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2023 14:42  
Operator : AR\AJ  
Sample : 01905-01  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 21:37:54 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

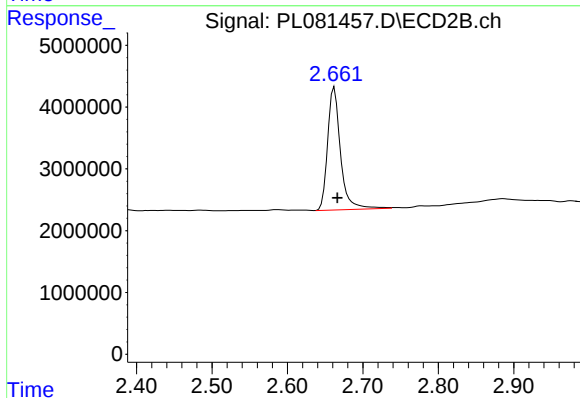




#1 Tetrachloro-m-xylene

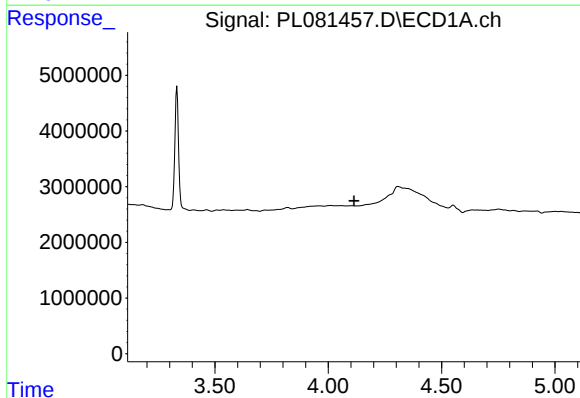
R.T.: 3.332 min  
Delta R.T.: -0.003 min  
Response: 25237199  
Conc: 11.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



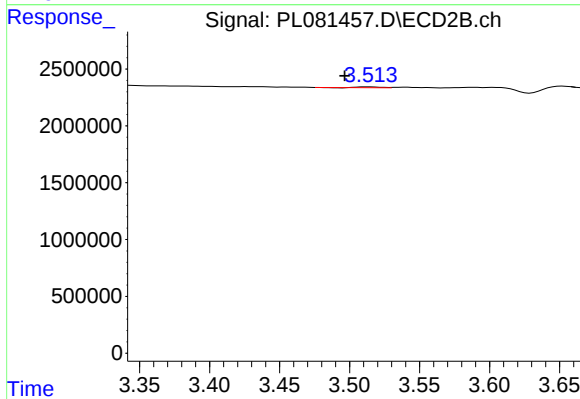
#1 Tetrachloro-m-xylene

R.T.: 2.662 min  
Delta R.T.: -0.004 min  
Response: 23572472  
Conc: 11.65 ng/ml



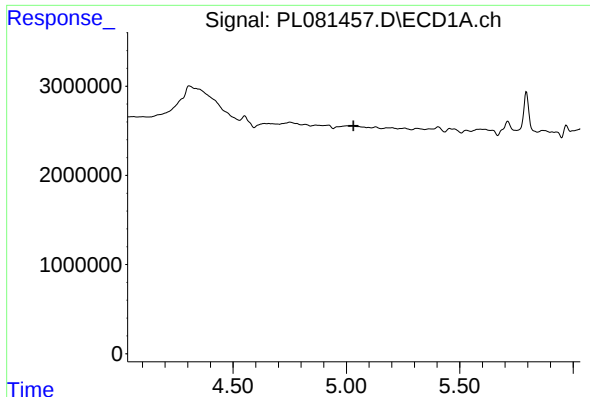
#3 gamma-BHC (Lindane)

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



#3 gamma-BHC (Lindane)

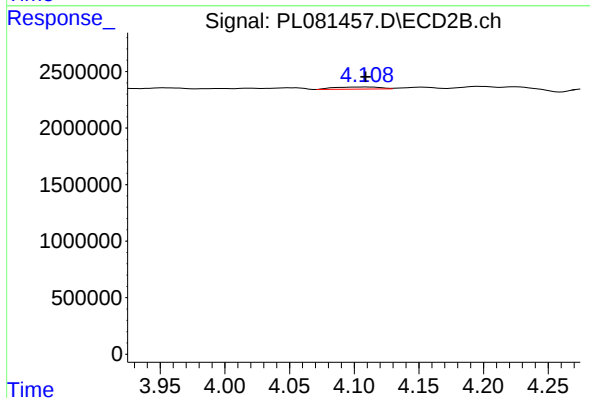
R.T.: 3.514 min  
Delta R.T.: 0.018 min  
Response: 66804  
Conc: 0.02 ng/ml



#5 Aldrin

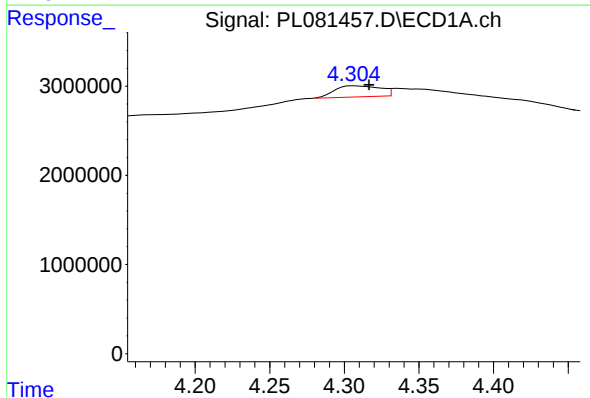
R.T.: 0.000 min  
Exp R.T.: 5.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



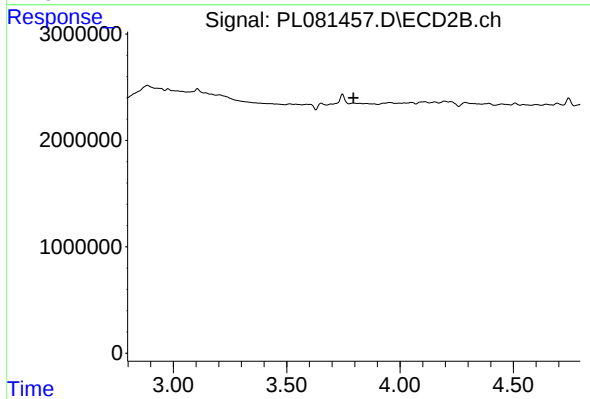
#5 Aldrin

R.T.: 4.109 min  
Delta R.T.: 0.000 min  
Response: 459693  
Conc: 0.18 ng/ml



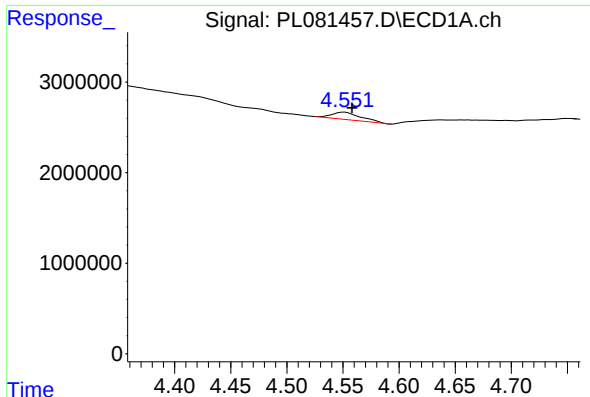
#6 beta-BHC

R.T.: 4.306 min  
Delta R.T.: -0.010 min  
Response: 2617602  
Conc: 1.90 ng/ml



#6 beta-BHC

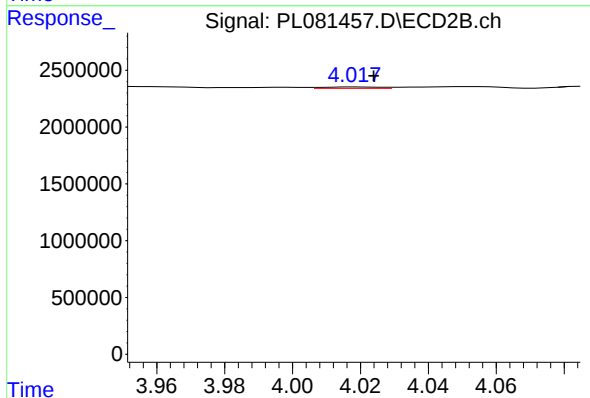
R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: -32437  
Conc: N.D.



#7 delta-BHC

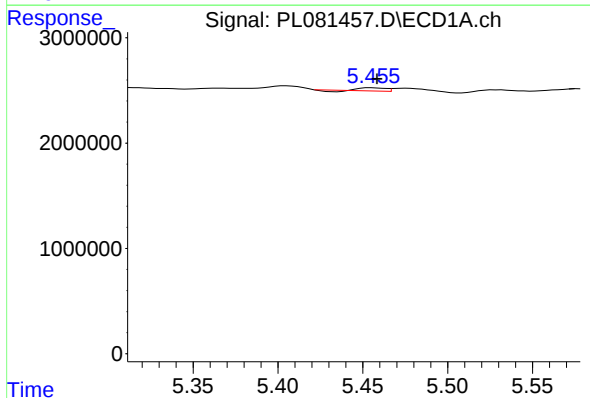
R.T.: 4.552 min  
Delta R.T.: -0.007 min  
Response: 1465405  
Conc: 0.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



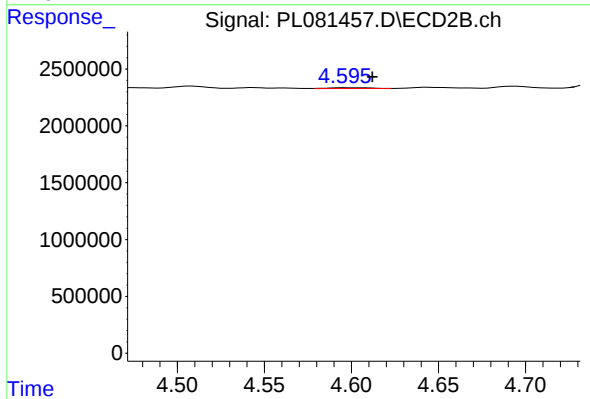
#7 delta-BHC

R.T.: 4.019 min  
Delta R.T.: -0.005 min  
Response: 143760  
Conc: 0.06 ng/ml



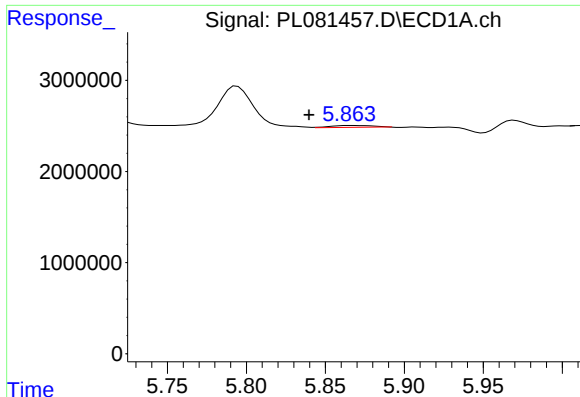
#8 Heptachlor epoxide

R.T.: 5.455 min  
Delta R.T.: -0.003 min  
Response: 249756  
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

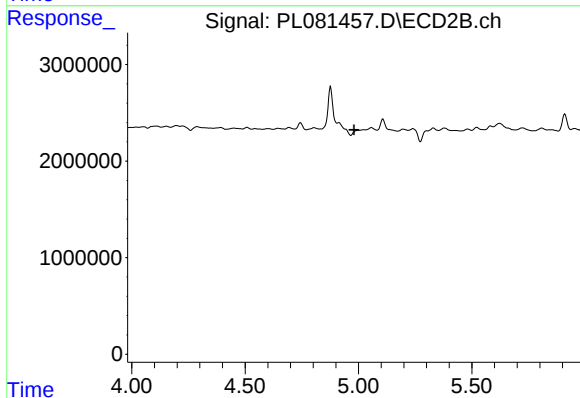
R.T.: 4.597 min  
Delta R.T.: -0.015 min  
Response: 119236  
Conc: 0.05 ng/ml



#9 Endosulfan I

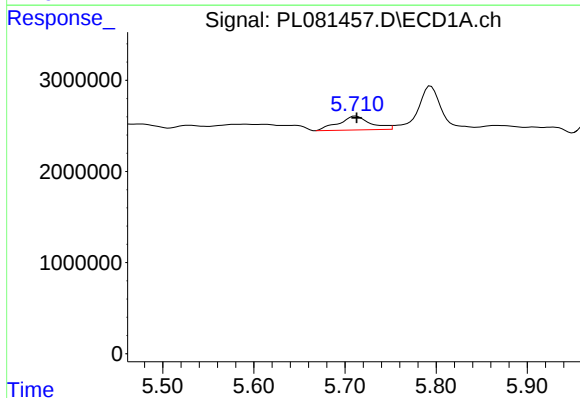
R.T.: 5.865 min  
Delta R.T.: 0.026 min  
Response: 395387  
Conc: 0.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



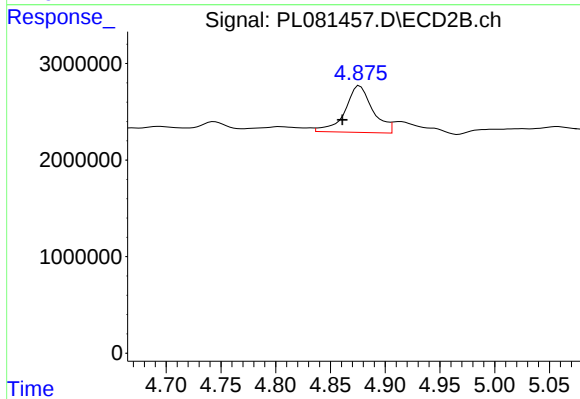
#9 Endosulfan I

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



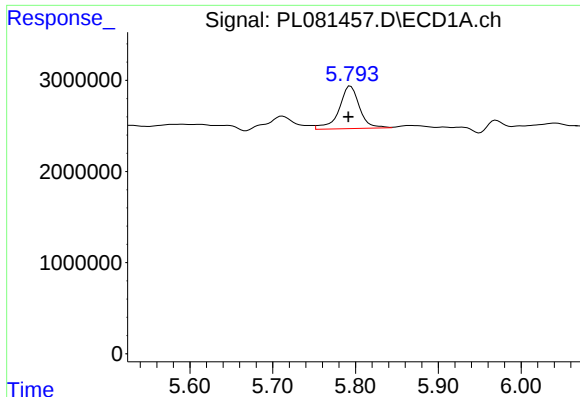
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: -0.001 min  
Response: 3686973  
Conc: 1.62 ng/ml



#10 gamma-Chlordane

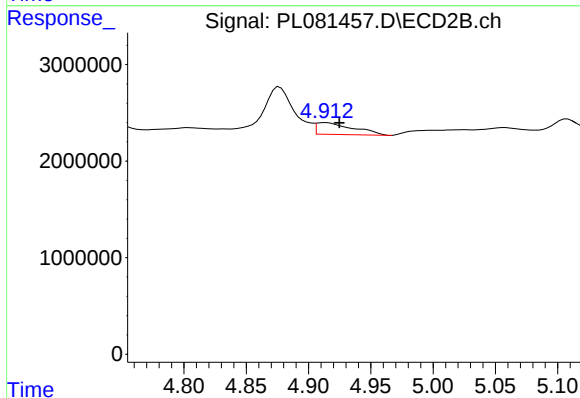
R.T.: 4.877 min  
Delta R.T.: 0.016 min  
Response: 8528576  
Conc: 3.48 ng/ml



#11 alpha-Chlordane

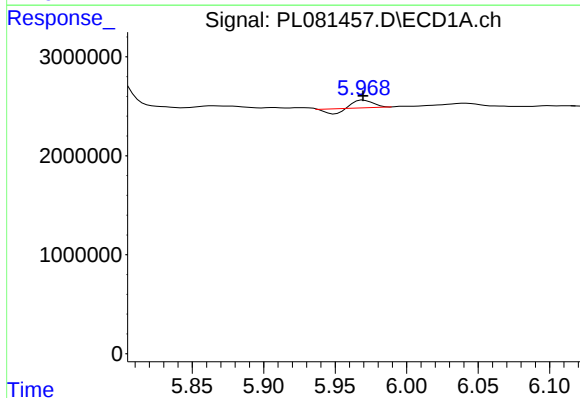
R.T.: 5.794 min  
Delta R.T.: 0.003 min  
Response: 8034444  
Conc: 3.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



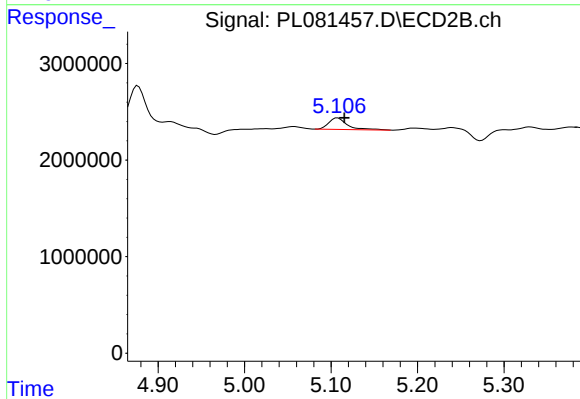
#11 alpha-Chlordane

R.T.: 4.914 min  
Delta R.T.: -0.011 min  
Response: 2513237  
Conc: 1.03 ng/ml



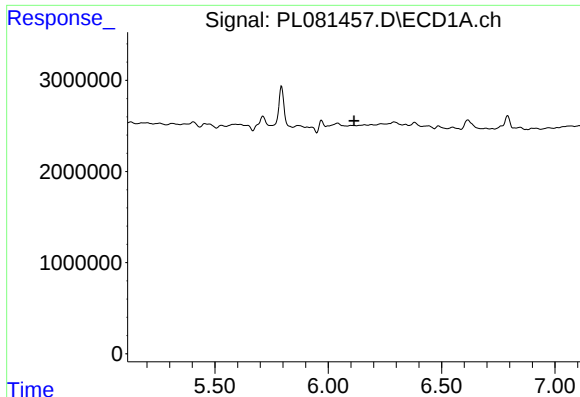
#12 4,4'-DDE

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 465139  
Conc: 0.24 ng/ml



#12 4,4'-DDE

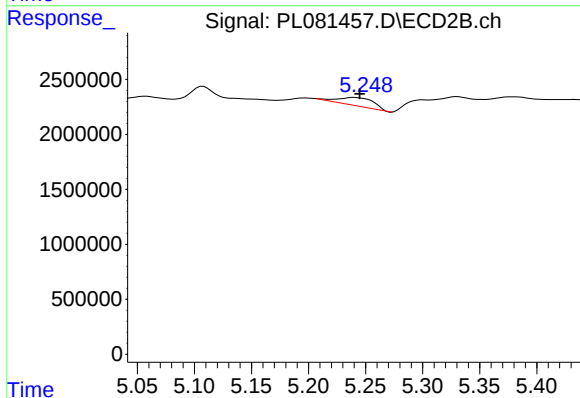
R.T.: 5.108 min  
Delta R.T.: -0.008 min  
Response: 1778602  
Conc: 0.91 ng/ml



#13 Dieldrin

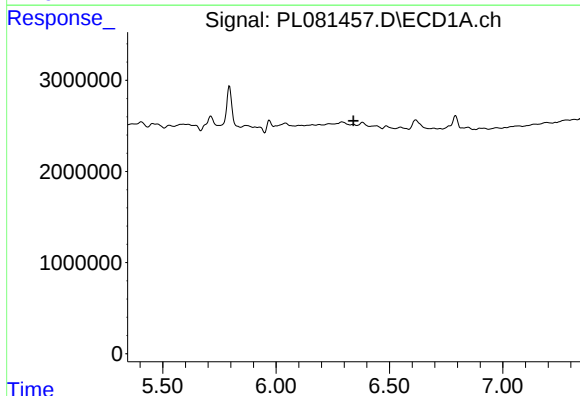
R.T.: 0.000 min  
Exp R.T.: 6.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



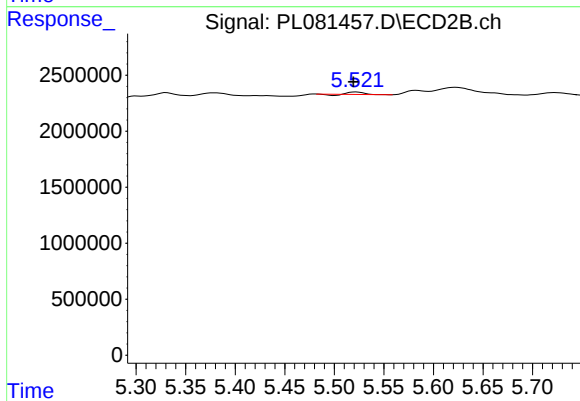
#13 Dieldrin

R.T.: 5.240 min  
Delta R.T.: -0.005 min  
Response: 1688599  
Conc: 0.75 ng/ml



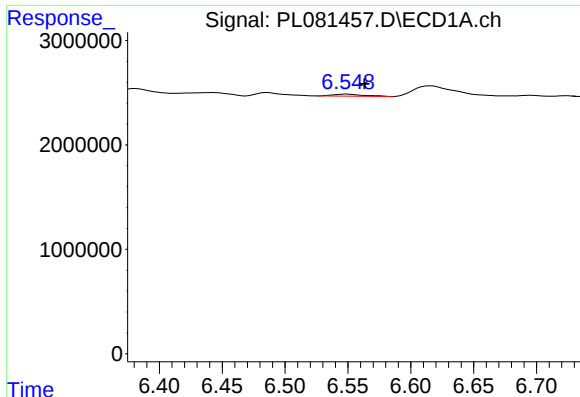
#14 Endrin

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



#14 Endrin

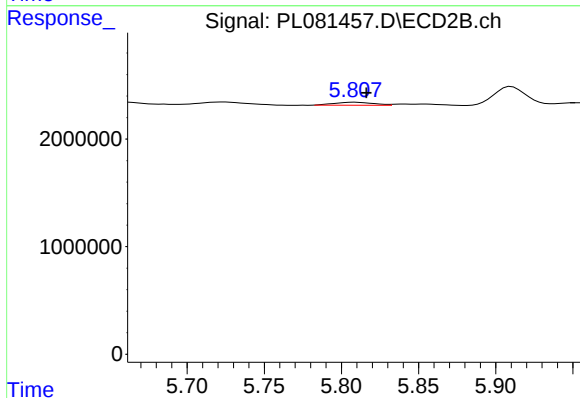
R.T.: 5.522 min  
Delta R.T.: 0.003 min  
Response: 153351  
Conc: 0.08 ng/ml



#15 Endosulfan II

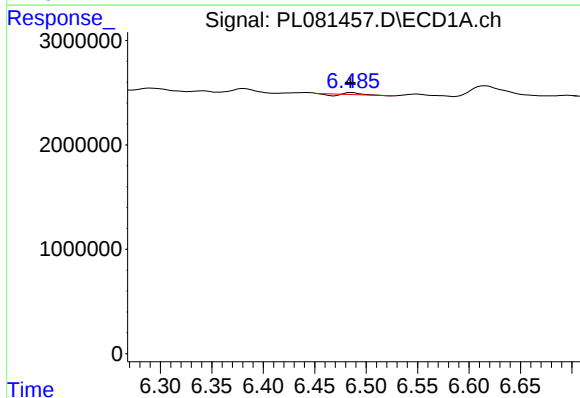
R.T.: 6.549 min  
Delta R.T.: -0.014 min  
Response: 335895  
Conc: 0.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



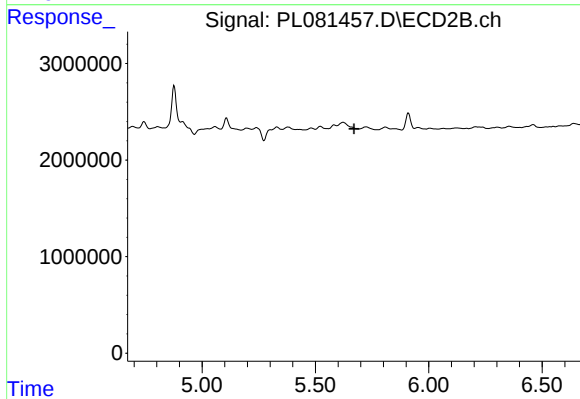
#15 Endosulfan II

R.T.: 5.809 min  
Delta R.T.: -0.008 min  
Response: 490636  
Conc: 0.27 ng/ml



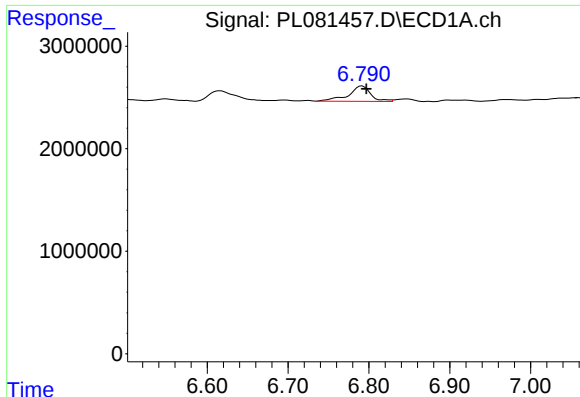
#16 4,4'-DDD

R.T.: 6.486 min  
Delta R.T.: 0.002 min  
Response: 79840  
Conc: 0.05 ng/ml



#16 4,4'-DDD

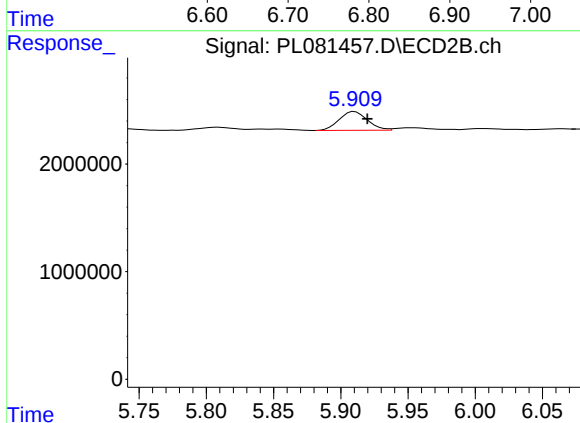
R.T.: 0.000 min  
Exp R.T. : 5.671 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

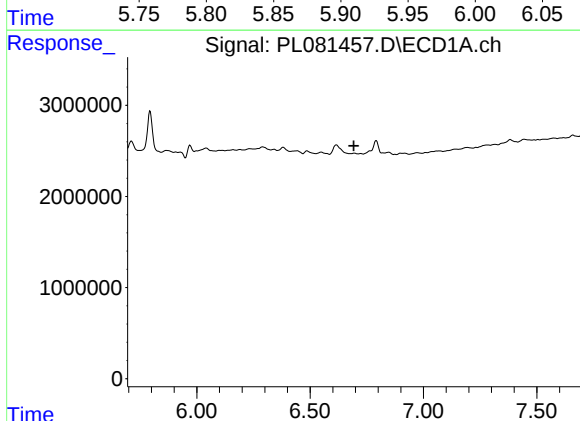
R.T.: 6.792 min  
Delta R.T.: -0.005 min  
Response: 2848846  
Conc: 1.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



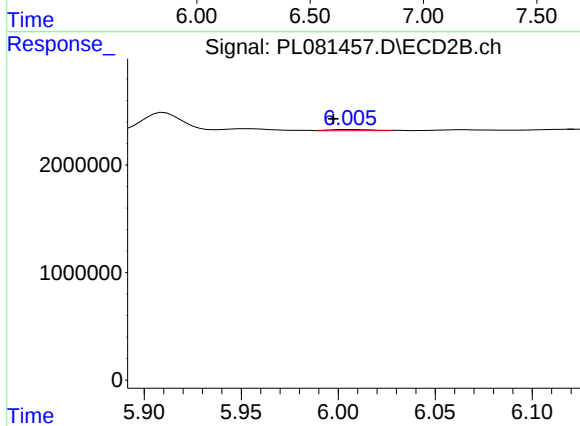
#17 4,4'-DDT

R.T.: 5.910 min  
Delta R.T.: -0.009 min  
Response: 2554755  
Conc: 1.59 ng/ml



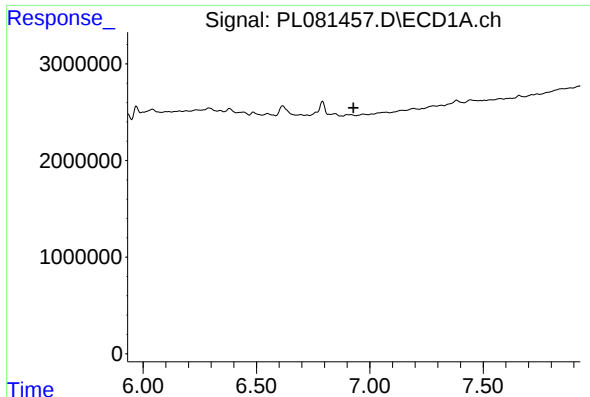
#18 Endrin aldehyde

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



#18 Endrin aldehyde

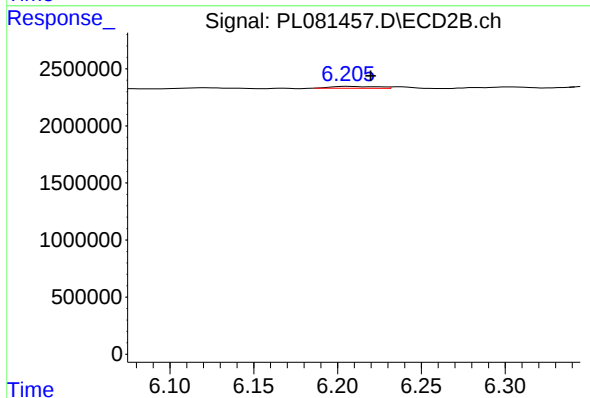
R.T.: 6.006 min  
Delta R.T.: 0.008 min  
Response: 178603  
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

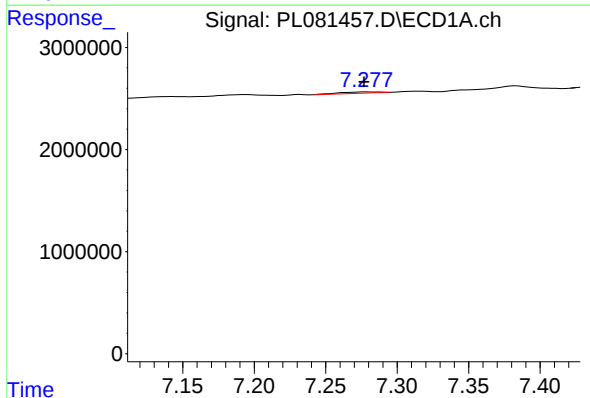
R.T.: 0.000 min  
Exp R.T.: 6.928 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



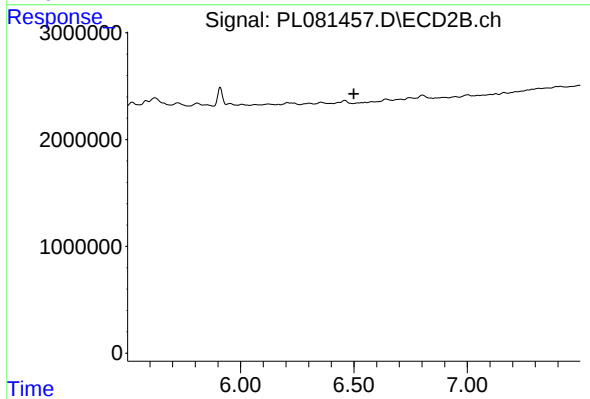
#19 Endosulfan Sulfate

R.T.: 6.206 min  
Delta R.T.: -0.014 min  
Response: 326242  
Conc: 0.17 ng/ml



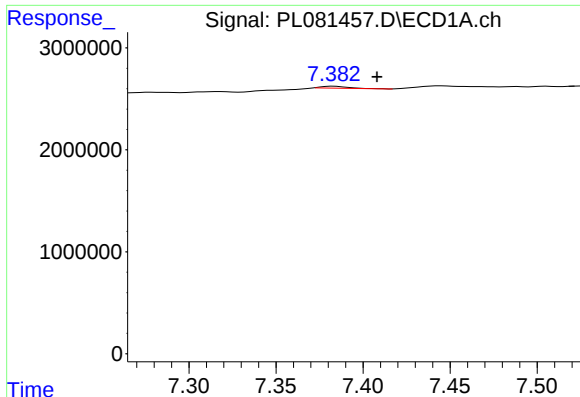
#20 Methoxychlor

R.T.: 7.279 min  
Delta R.T.: 0.002 min  
Response: 241837  
Conc: 0.28 ng/ml



#20 Methoxychlor

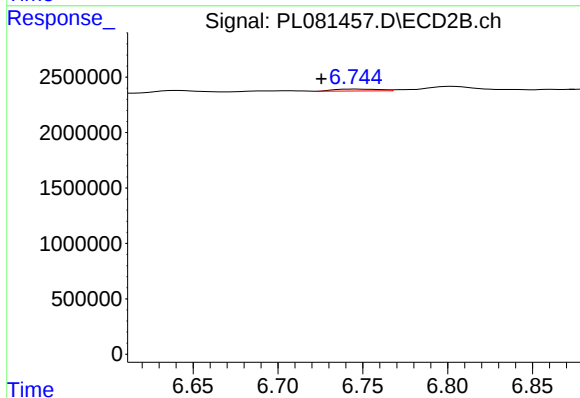
R.T.: 6.518 min  
Delta R.T.: 0.018 min  
Response: -76779  
Conc: N.D.



#21 Endrin ketone

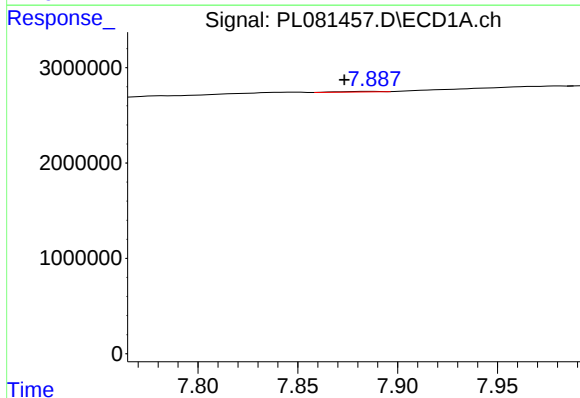
R.T.: 7.383 min  
Delta R.T.: -0.025 min  
Response: 199851  
Conc: 0.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



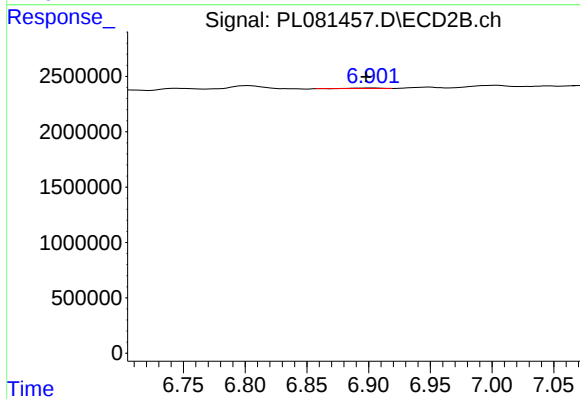
#21 Endrin ketone

R.T.: 6.745 min  
Delta R.T.: 0.020 min  
Response: 315398  
Conc: 0.15 ng/ml



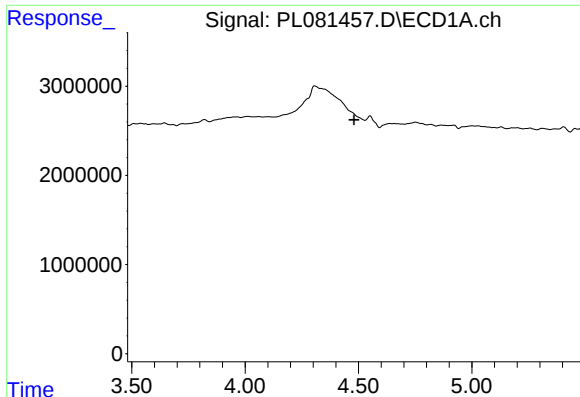
#22 Mirex

R.T.: 7.886 min  
Delta R.T.: 0.013 min  
Response: 62492  
Conc: 0.04 ng/ml



#22 Mirex

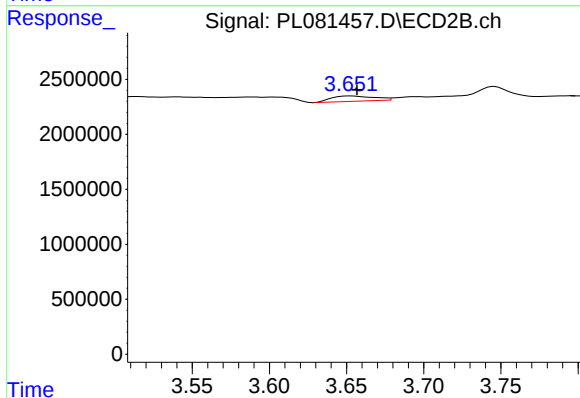
R.T.: 6.903 min  
Delta R.T.: 0.005 min  
Response: 72177  
Conc: 0.04 ng/ml



#23 Chlordane-1

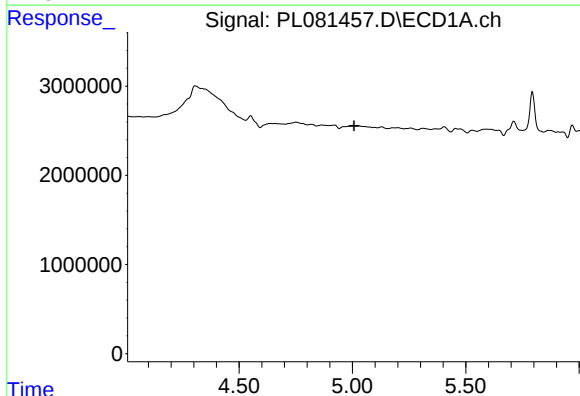
R.T.: 0.000 min  
Exp R.T.: 4.481 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



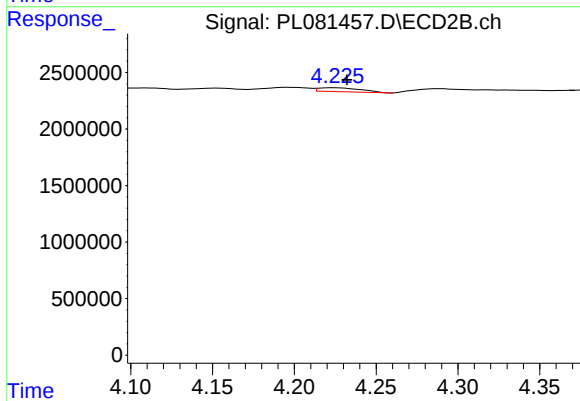
#23 Chlordane-1

R.T.: 3.653 min  
Delta R.T.: -0.004 min  
Response: 939921  
Conc: 11.40 ng/ml



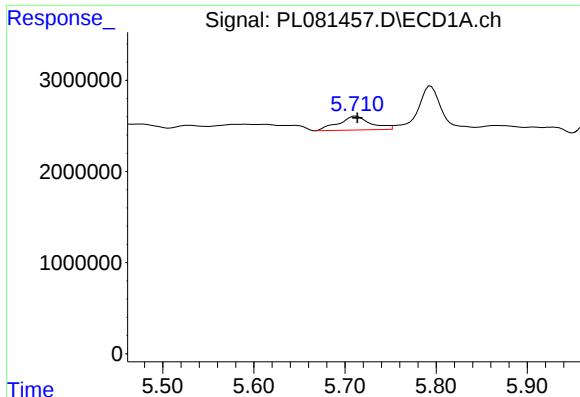
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.008 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

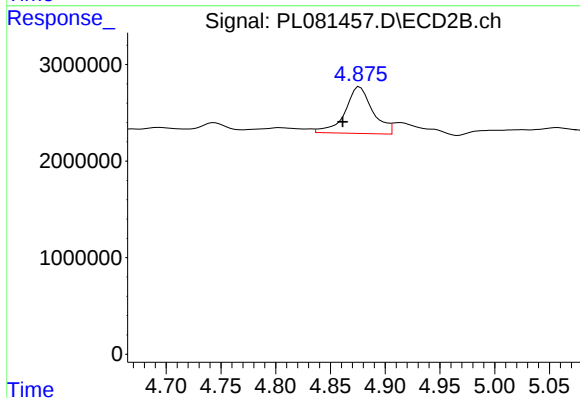
R.T.: 4.224 min  
Delta R.T.: -0.008 min  
Response: 621819  
Conc: 6.07 ng/ml



#25 Chlordane-3

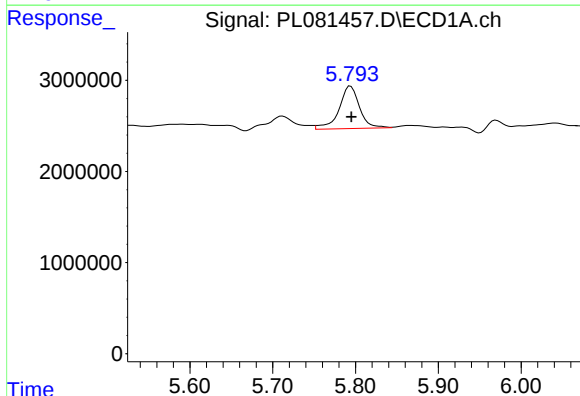
R.T.: 5.712 min  
Delta R.T.: -0.002 min  
Response: 3686973  
Conc: 10.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



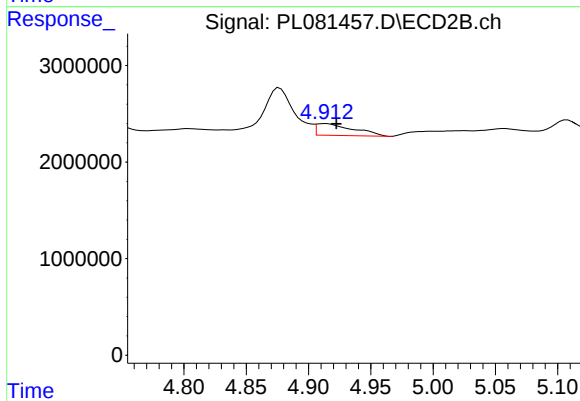
#25 Chlordane-3

R.T.: 4.877 min  
Delta R.T.: 0.016 min  
Response: 8528576  
Conc: 31.56 ng/ml



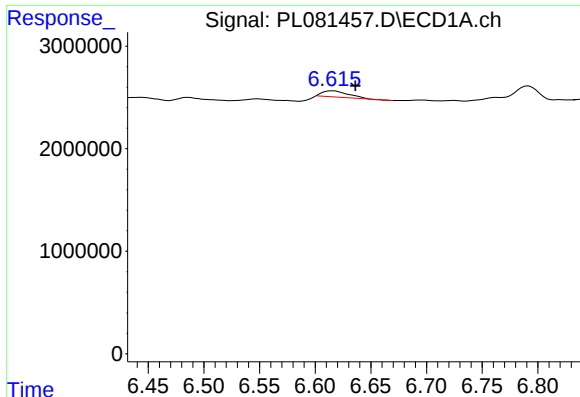
#26 Chlordane-4

R.T.: 5.794 min  
Delta R.T.: 0.000 min  
Response: 8034444  
Conc: 18.28 ng/ml



#26 Chlordane-4

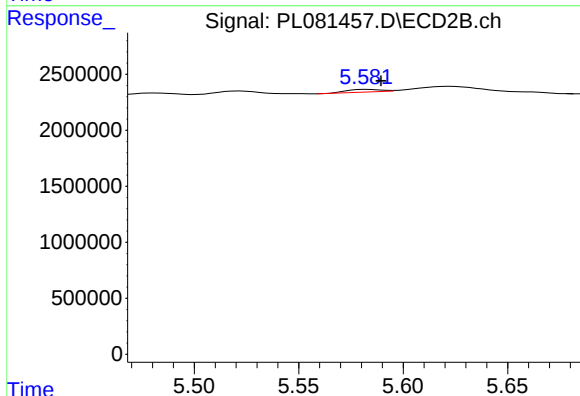
R.T.: 4.914 min  
Delta R.T.: -0.009 min  
Response: 2513237  
Conc: 8.95 ng/ml



#27 Chlordane-5

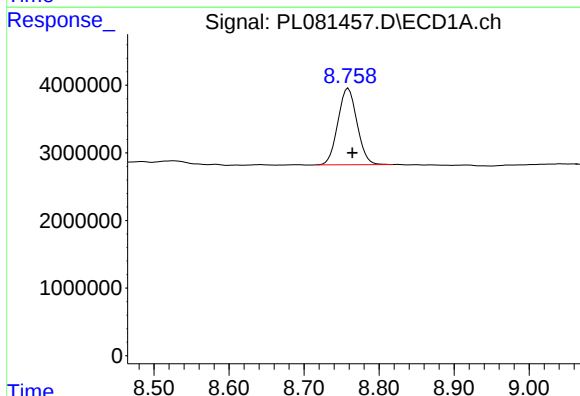
R.T.: 6.616 min  
Delta R.T.: -0.020 min  
Response: 923381  
Conc: 12.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



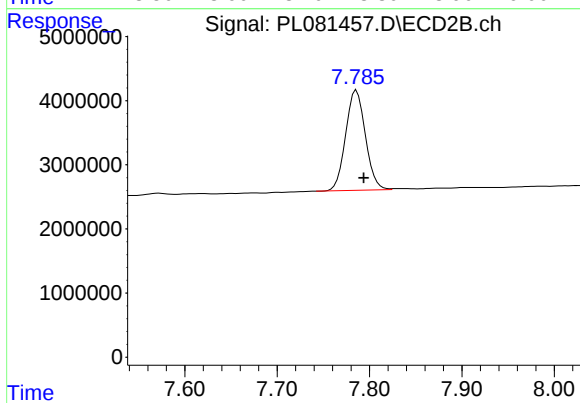
#27 Chlordane-5

R.T.: 5.582 min  
Delta R.T.: -0.007 min  
Response: 254568  
Conc: 3.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.759 min  
Delta R.T.: -0.005 min  
Response: 20049171  
Conc: 13.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.786 min  
Delta R.T.: -0.008 min  
Response: 23162369  
Conc: 12.09 ng/ml