

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030823\  
 Data File : PL081320.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Mar 2023 15:05  
 Operator : AR\AJ  
 Sample : 01829-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 08 20:33:41 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

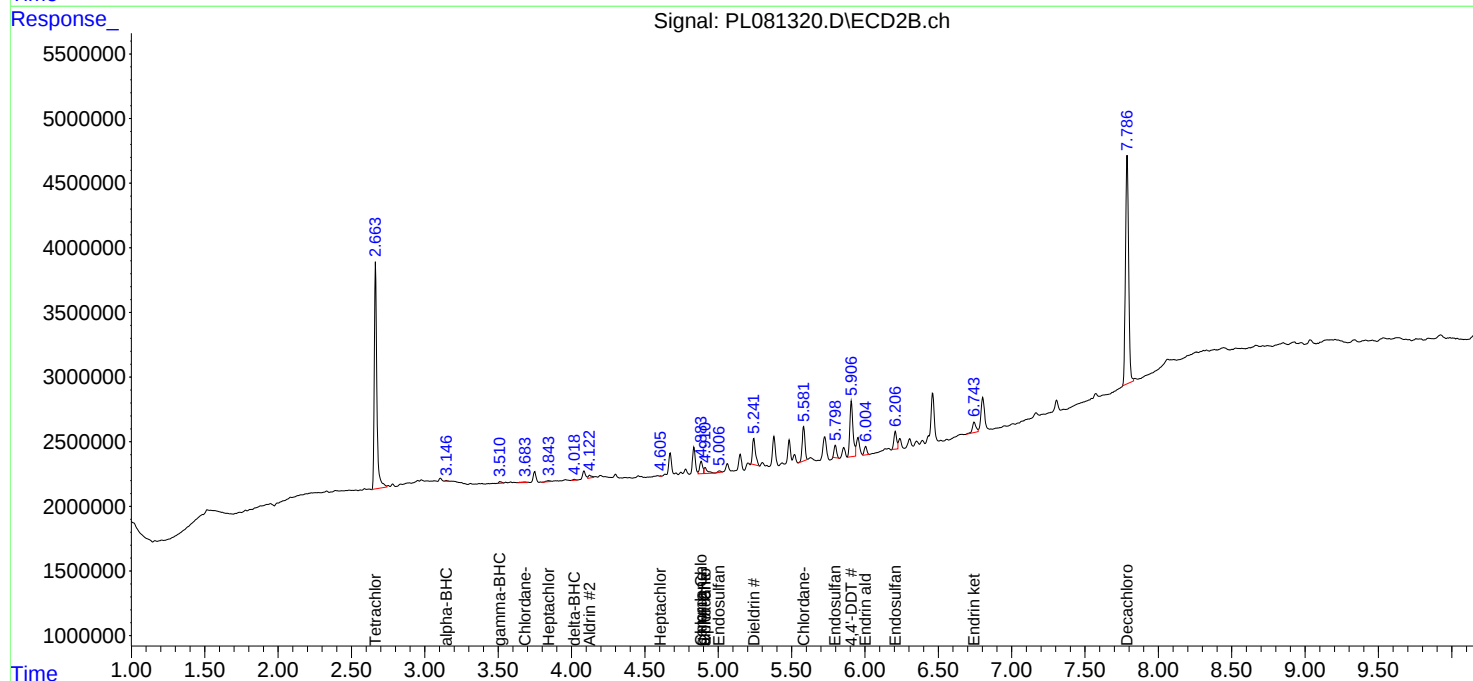
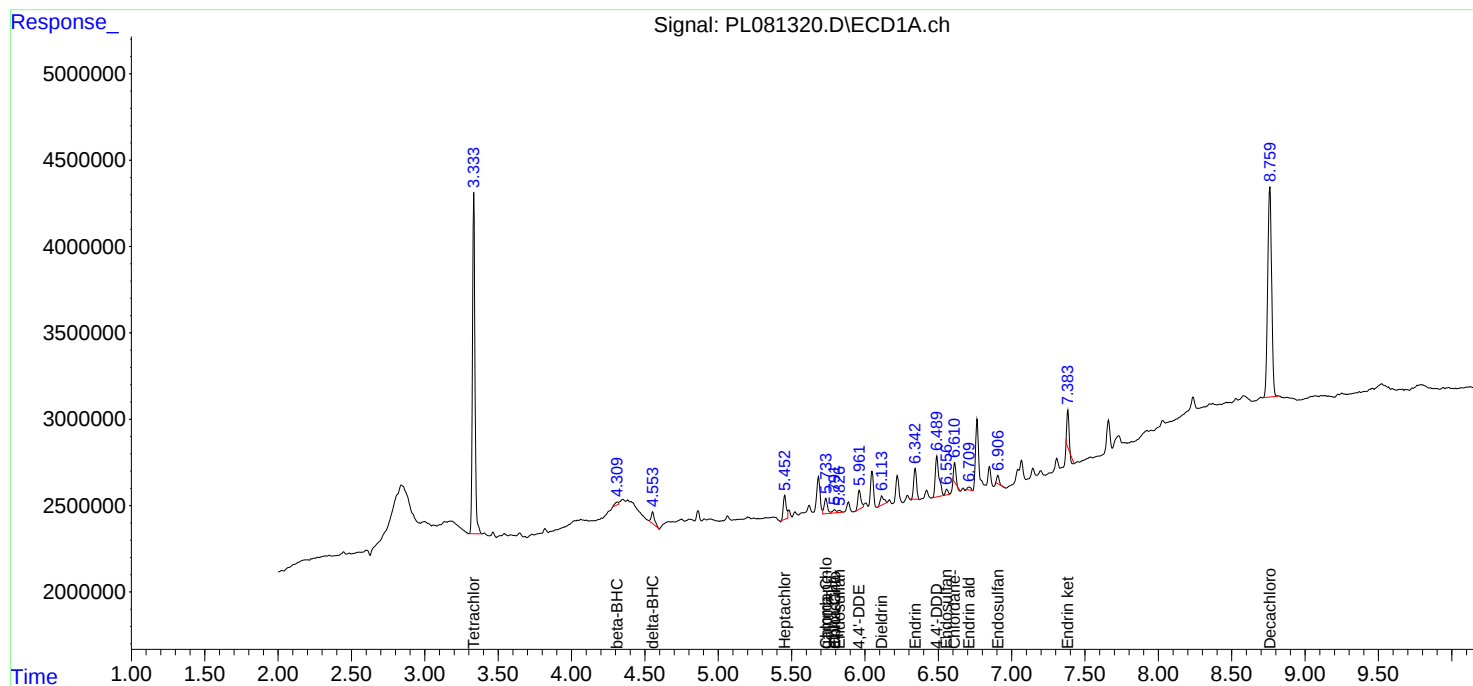
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.334  | 2.664  | 23141240 | 21299424 | 10.711 | 10.524   |
| 28)                         | SA Decachlor... | 8.760  | 7.787  | 22626906 | 26569024 | 14.842 | 13.870   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.148f | 0        | 60643    | N.D.   | 0.021 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.512f | 0        | 187596   | N.D.   | 0.068 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.844  | 0        | 154780   | N.D.   | 0.056 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.123  | 0        | 326138   | N.D.   | 0.124 #  |
| 6)                          | B beta-BHC      | 4.312  | 3.788  | 278697   | -50266   | 0.202  | N.D. #   |
| 7)                          | B delta-BHC     | 4.554  | 4.019  | 1124993  | 88361    | 0.405  | 0.035 #  |
| 8)                          | B Heptachlo...  | 5.454  | 4.606  | 1862762  | 16979    | 0.789  | 0.007 #  |
| 9)                          | A Endosulfan I  | 5.827  | 5.008f | 183298   | 166017   | 0.087  | 0.073    |
| 10)                         | B gamma-Chl...  | 5.734f | 4.884f | 1383575  | 1374328  | 0.606  | 0.561    |
| 11)                         | B alpha-Chl...  | 5.793  | 4.911  | 302784   | 795401   | 0.134  | 0.325 #  |
| 12)                         | B 4,4'-DDE      | 5.962  | 0.000  | 1610026  | 0        | 0.823  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.115  | 5.243  | 873060   | 2884632  | 0.417  | 1.280 #  |
| 14)                         | MA Endrin       | 6.343  | 5.521  | 2312622  | -825829  | 1.272  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.558  | 5.799f | 416988   | 1173795  | 0.239  | 0.637 #  |
| 16)                         | A 4,4'-DDD      | 6.490  | 0.000  | 4262804  | 0        | 2.769  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.908  | 0        | 6520895  | N.D.   | 4.065 #  |
| 18)                         | B Endrin al...  | 6.709f | 6.005  | 237642   | 828872   | 0.166  | 0.547 #  |
| 19)                         | B Endosulfa...  | 6.907f | 6.207  | 534283   | 1792817  | 0.298  | 0.933 #  |
| 21)                         | B Endrin ke...  | 7.384f | 6.745f | 1991696  | 1364935  | 1.098  | 0.634 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.685f | 0        | 127965   | N.D.   | 1.552 #  |
| 25)                         | Chlordane-3     | 5.734f | 4.884f | 1383575  | 1374328  | 3.783  | 5.085 #  |
| 26)                         | Chlordane-4     | 5.793  | 4.911  | 302784   | 795401   | 0.689  | 2.832 #  |
| 27)                         | Chlordane-5     | 6.612f | 5.583  | 1190051  | 3384246  | 15.791 | 48.987 # |
| -----                       |                 |        |        |          |          |        |          |

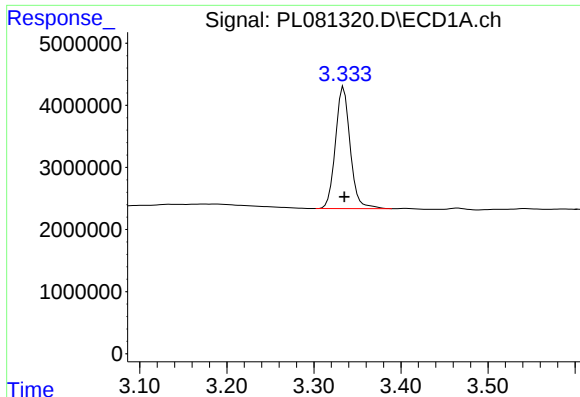
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030823\  
Data File : PL081320.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Mar 2023 15:05  
Operator : AR\AJ  
Sample : 01829-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 08 20:33:41 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

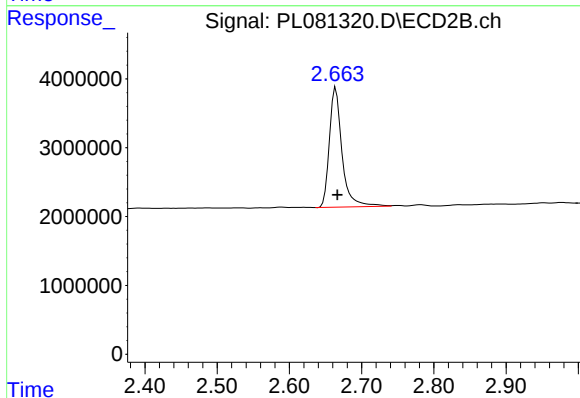
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





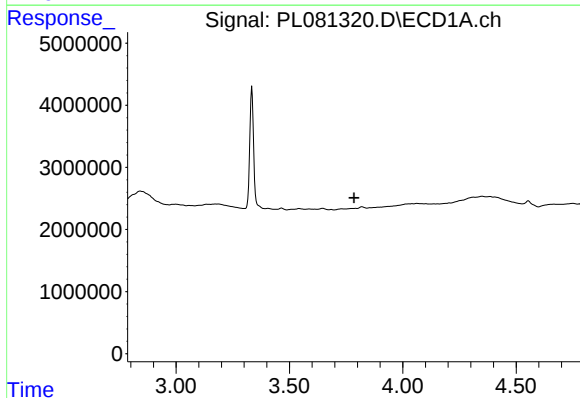
#1 Tetrachloro-m-xylene

R.T.: 3.334 min  
Delta R.T.: 0.000 min  
Response: 23141240  
Conc: 10.71 ng/ml



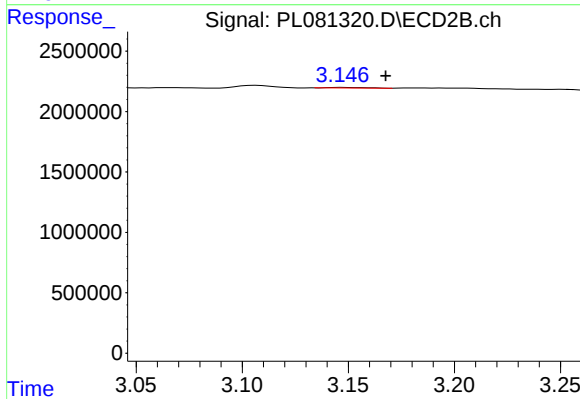
#1 Tetrachloro-m-xylene

R.T.: 2.664 min  
Delta R.T.: -0.002 min  
Response: 21299424  
Conc: 10.52 ng/ml



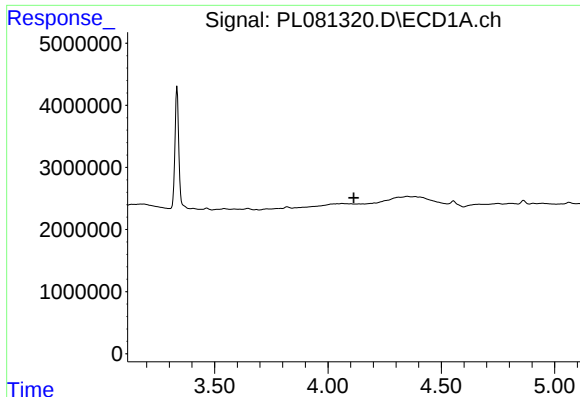
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.785 min  
Response: 0  
Conc: N.D.



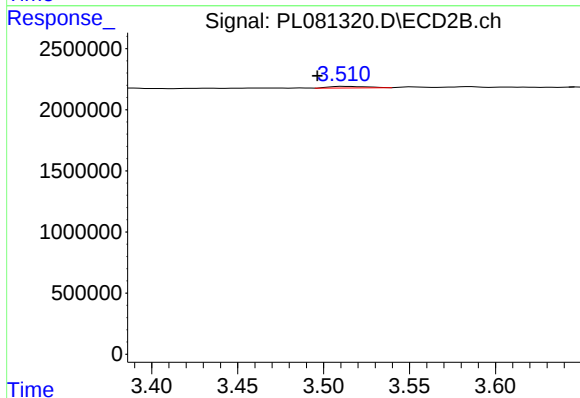
#2 alpha-BHC

R.T.: 3.148 min  
Delta R.T.: -0.020 min  
Response: 60643  
Conc: 0.02 ng/ml



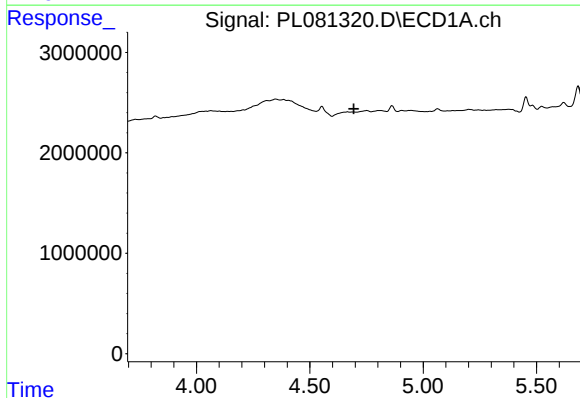
#3 gamma-BHC (Lindane)

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



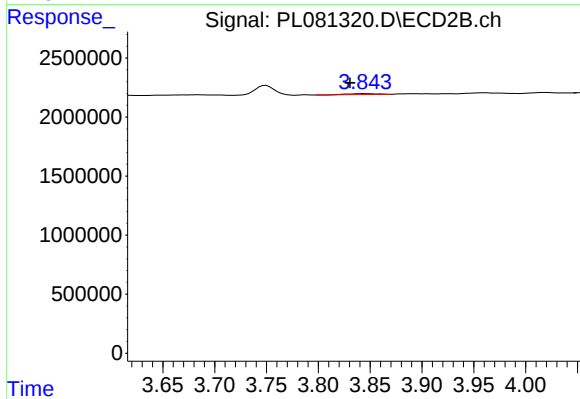
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: 0.016 min  
Response: 187596  
Conc: 0.07 ng/ml



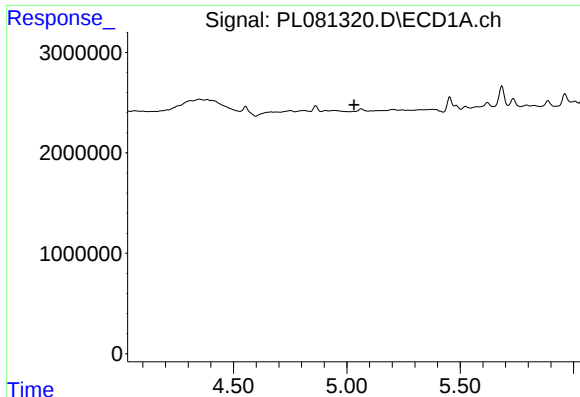
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.694 min  
Response: 0  
Conc: N.D.



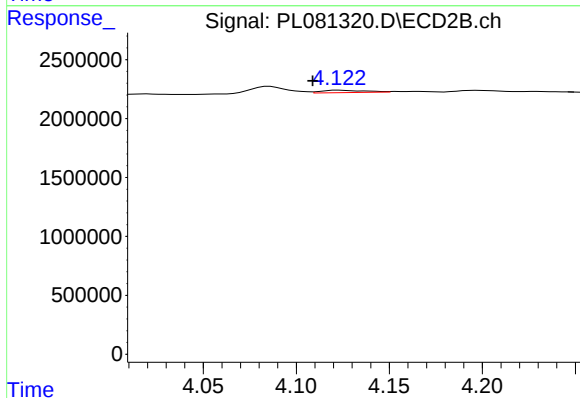
#4 Heptachlor

R.T.: 3.844 min  
Delta R.T.: 0.013 min  
Response: 154780  
Conc: 0.06 ng/ml



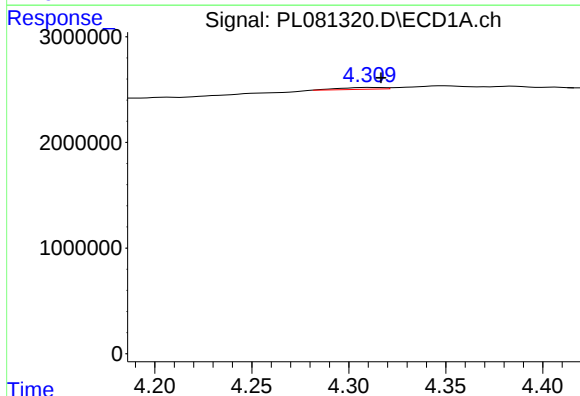
#5 Aldrin

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



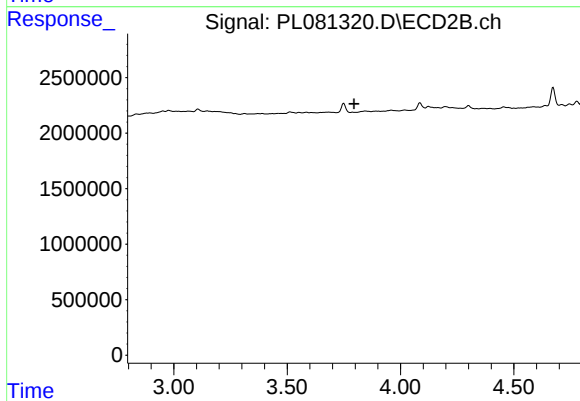
#5 Aldrin

R.T.: 4.123 min  
Delta R.T.: 0.014 min  
Response: 326138  
Conc: 0.12 ng/ml



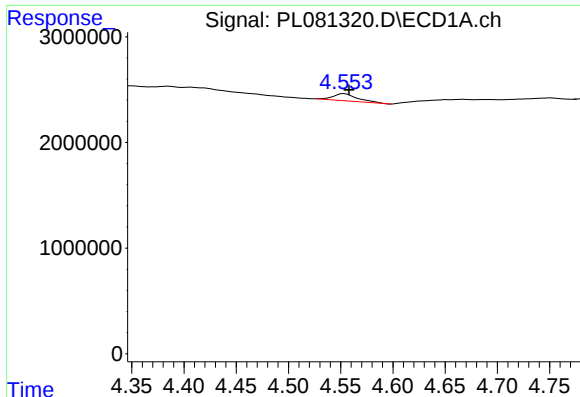
#6 beta-BHC

R.T.: 4.312 min  
Delta R.T.: -0.005 min  
Response: 278697  
Conc: 0.20 ng/ml



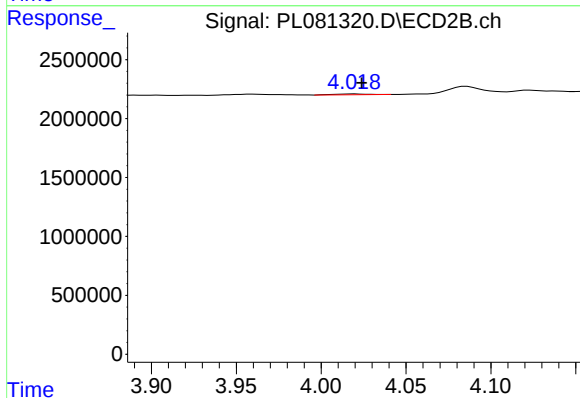
#6 beta-BHC

R.T.: 3.788 min  
Delta R.T.: -0.007 min  
Response: -50266  
Conc: N.D.



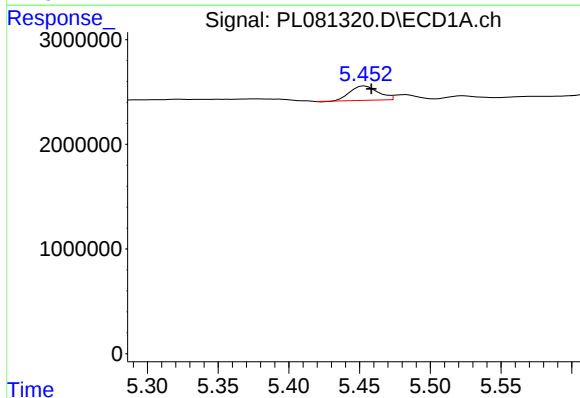
#7 delta-BHC

R.T.: 4.554 min  
Delta R.T.: -0.005 min  
Response: 1124993  
Conc: 0.40 ng/ml



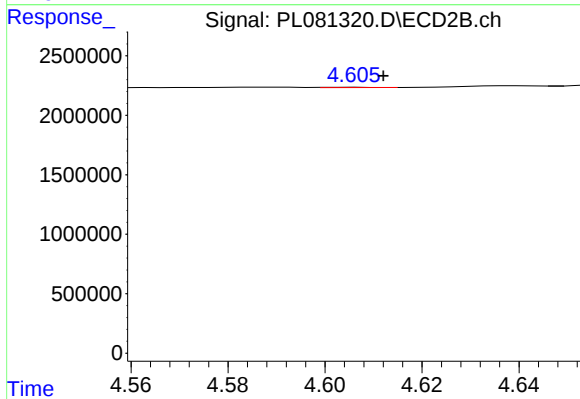
#7 delta-BHC

R.T.: 4.019 min  
Delta R.T.: -0.005 min  
Response: 88361  
Conc: 0.03 ng/ml



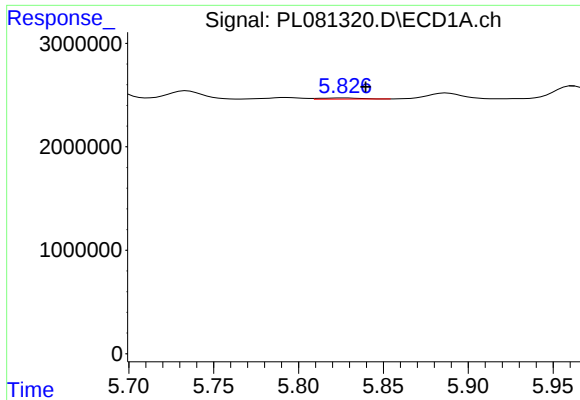
#8 Heptachlor epoxide

R.T.: 5.454 min  
Delta R.T.: -0.005 min  
Response: 1862762  
Conc: 0.79 ng/ml



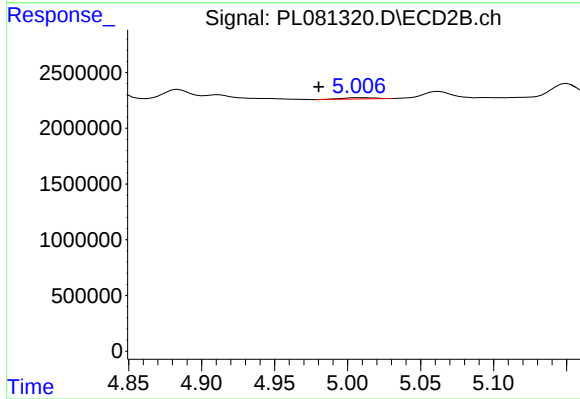
#8 Heptachlor epoxide

R.T.: 4.606 min  
Delta R.T.: -0.006 min  
Response: 16979  
Conc: 0.01 ng/ml



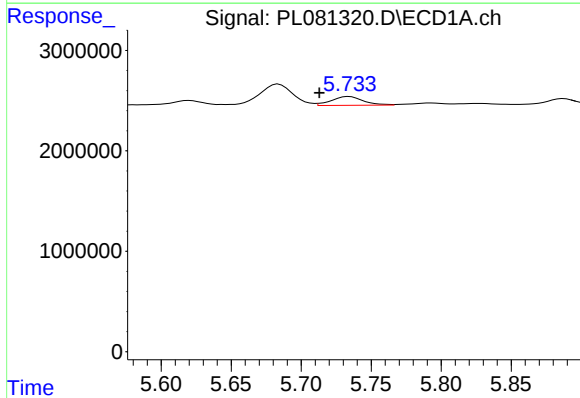
#9 Endosulfan I

R.T.: 5.827 min  
Delta R.T.: -0.012 min  
Response: 183298  
Conc: 0.09 ng/ml



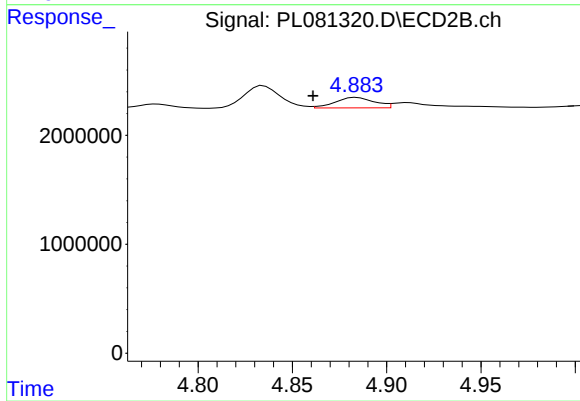
#9 Endosulfan I

R.T.: 5.008 min  
Delta R.T.: 0.028 min  
Response: 166017  
Conc: 0.07 ng/ml



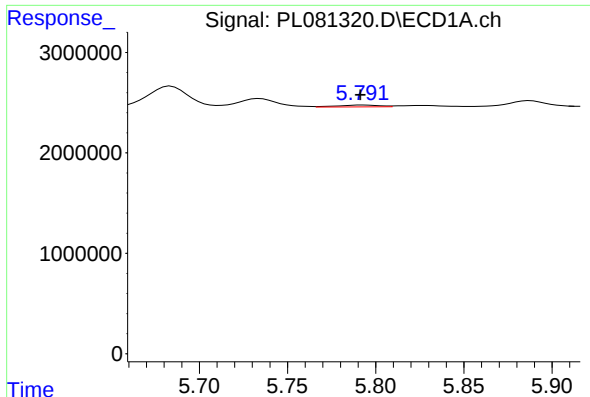
#10 gamma-Chlordane

R.T.: 5.734 min  
Delta R.T.: 0.021 min  
Response: 1383575  
Conc: 0.61 ng/ml



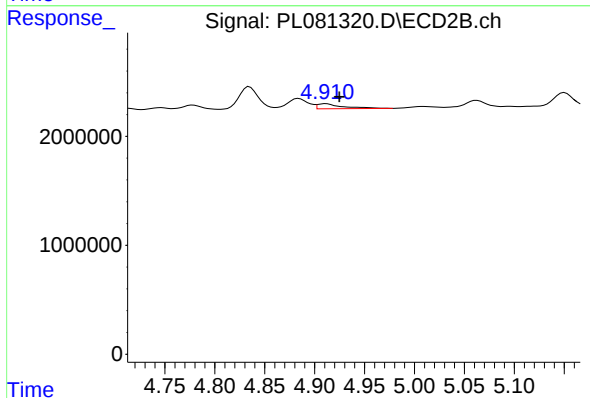
#10 gamma-Chlordane

R.T.: 4.884 min  
Delta R.T.: 0.023 min  
Response: 1374328  
Conc: 0.56 ng/ml



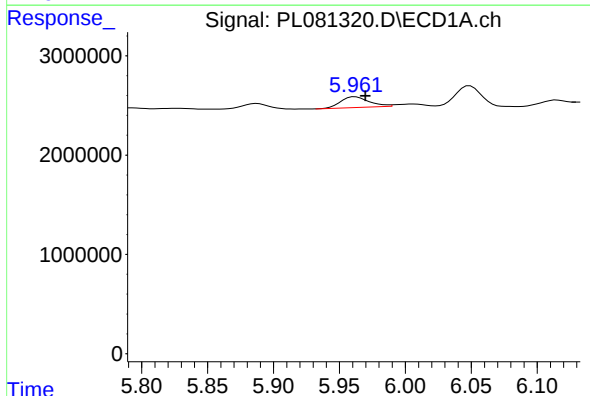
#11 alpha-Chlordane

R.T.: 5.793 min  
Delta R.T.: 0.001 min  
Response: 302784  
Conc: 0.13 ng/ml



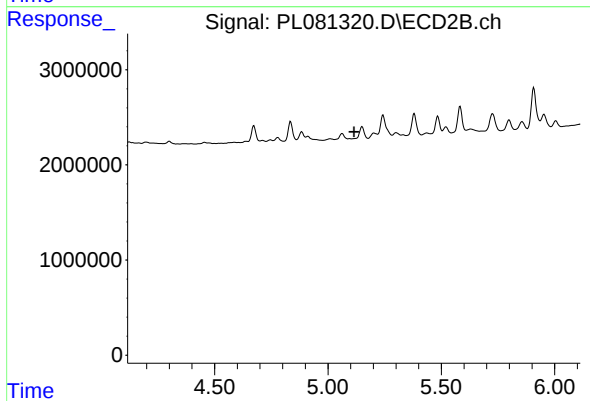
#11 alpha-Chlordane

R.T.: 4.911 min  
Delta R.T.: -0.013 min  
Response: 795401  
Conc: 0.32 ng/ml



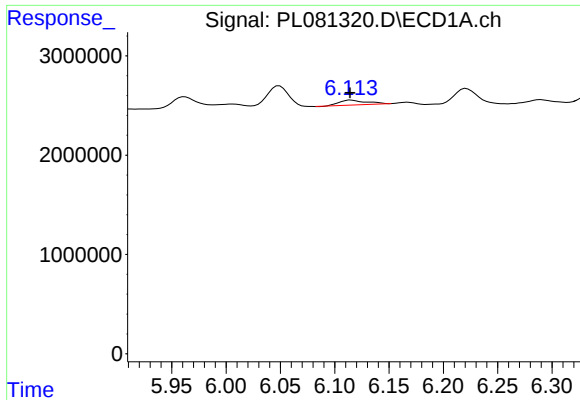
#12 4,4'-DDE

R.T.: 5.962 min  
Delta R.T.: -0.008 min  
Response: 1610026  
Conc: 0.82 ng/ml



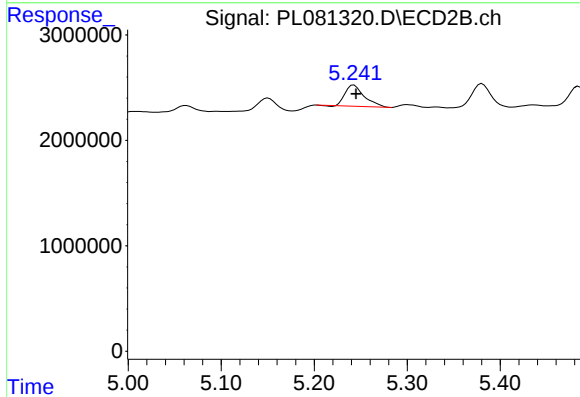
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.116 min  
Response: 0  
Conc: N.D.



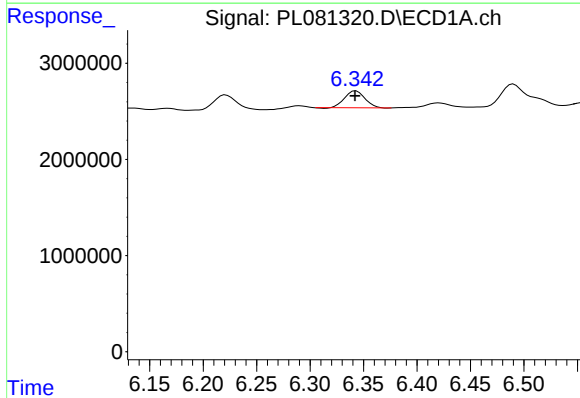
#13 Dieldrin

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 873060  
Conc: 0.42 ng/ml



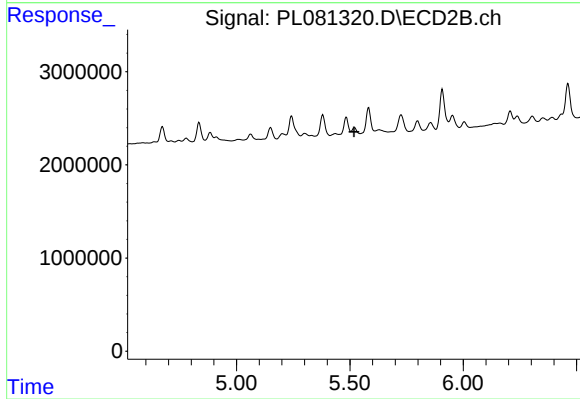
#13 Dieldrin

R.T.: 5.243 min  
Delta R.T.: -0.002 min  
Response: 2884632  
Conc: 1.28 ng/ml



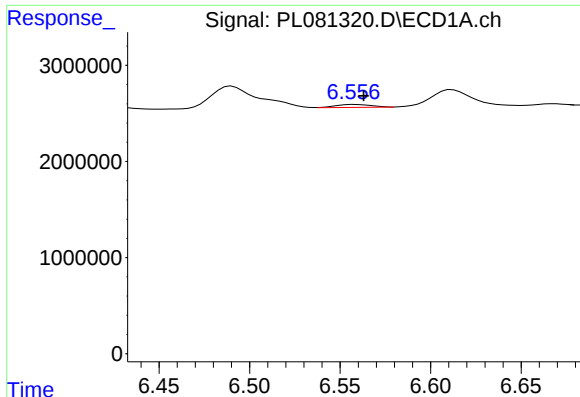
#14 Endrin

R.T.: 6.343 min  
Delta R.T.: 0.001 min  
Response: 2312622  
Conc: 1.27 ng/ml



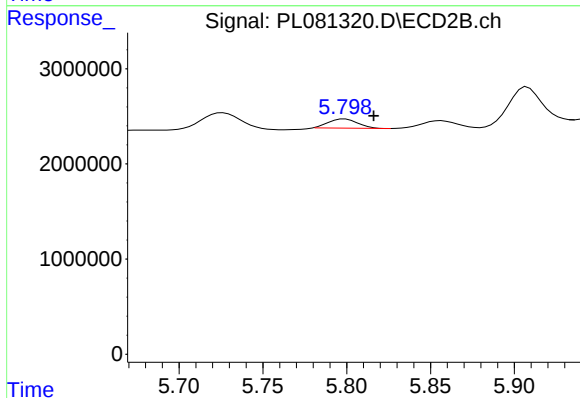
#14 Endrin

R.T.: 5.521 min  
Delta R.T.: 0.001 min  
Response: -825829  
Conc: N.D.



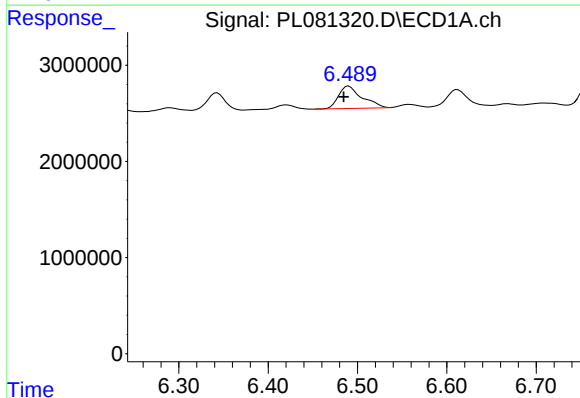
#15 Endosulfan II

R.T.: 6.558 min  
Delta R.T.: -0.005 min  
Response: 416988  
Conc: 0.24 ng/ml



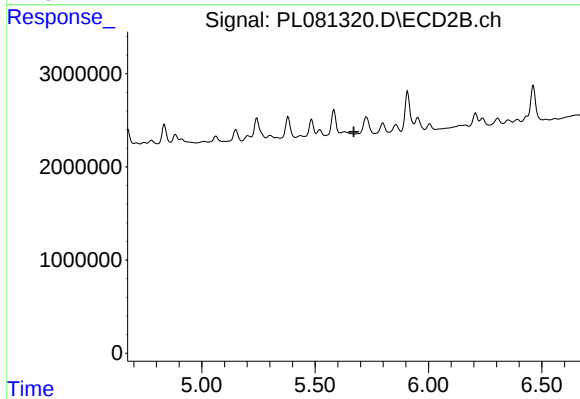
#15 Endosulfan II

R.T.: 5.799 min  
Delta R.T.: -0.017 min  
Response: 1173795  
Conc: 0.64 ng/ml



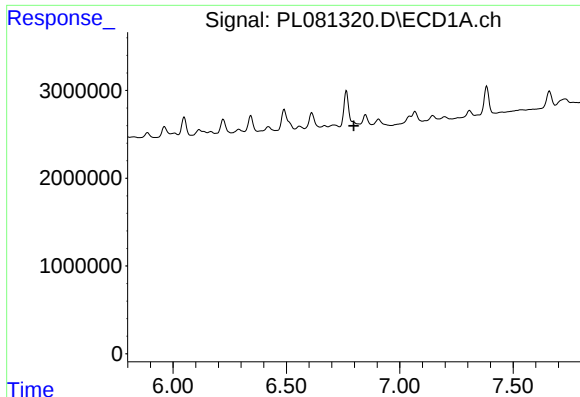
#16 4,4'-DDD

R.T.: 6.490 min  
Delta R.T.: 0.006 min  
Response: 4262804  
Conc: 2.77 ng/ml



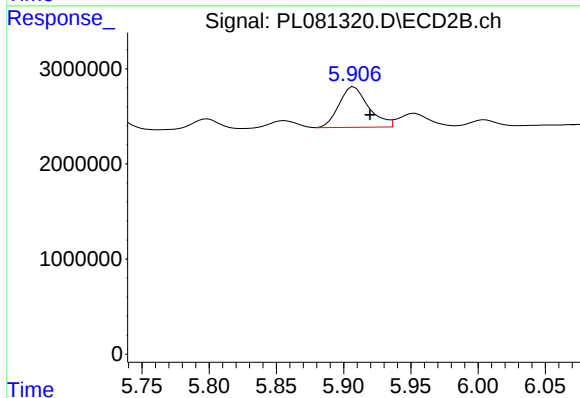
#16 4,4'-DDD

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



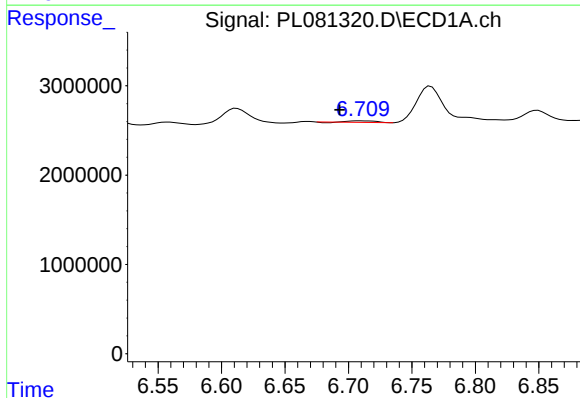
#17 4,4'-DDT

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



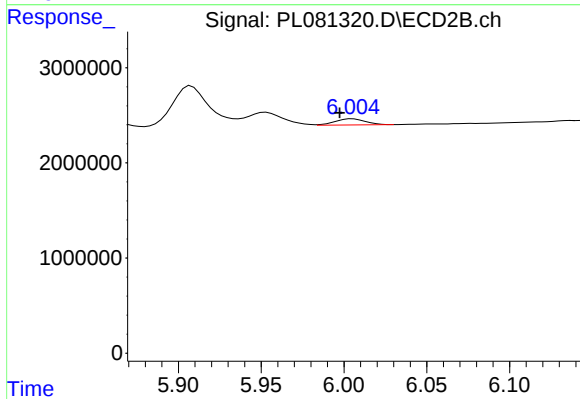
#17 4,4'-DDT

R.T.: 5.908 min  
Delta R.T.: -0.012 min  
Response: 6520895  
Conc: 4.06 ng/ml



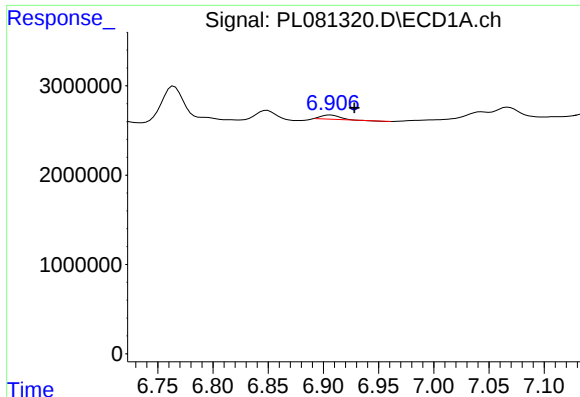
#18 Endrin aldehyde

R.T.: 6.709 min  
Delta R.T.: 0.016 min  
Response: 237642  
Conc: 0.17 ng/ml



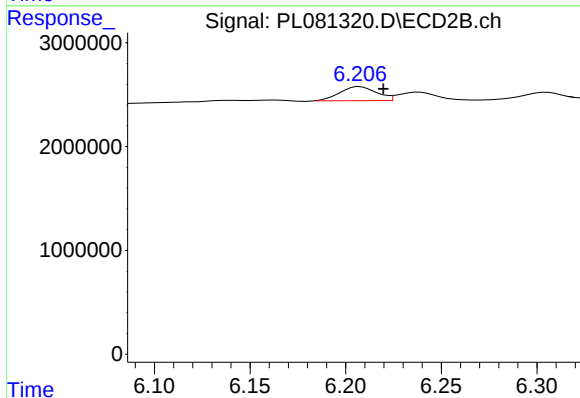
#18 Endrin aldehyde

R.T.: 6.005 min  
Delta R.T.: 0.008 min  
Response: 828872  
Conc: 0.55 ng/ml



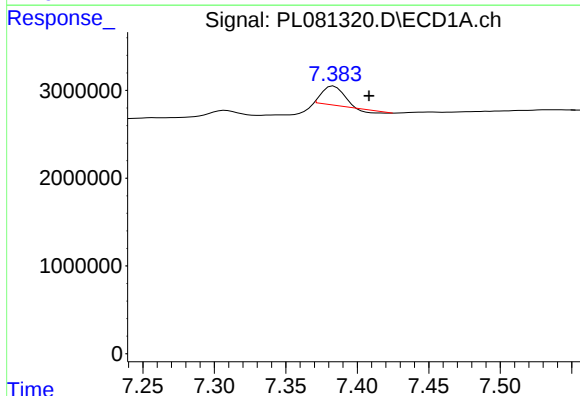
#19 Endosulfan Sulfate

R.T.: 6.907 min  
Delta R.T.: -0.022 min  
Response: 534283  
Conc: 0.30 ng/ml



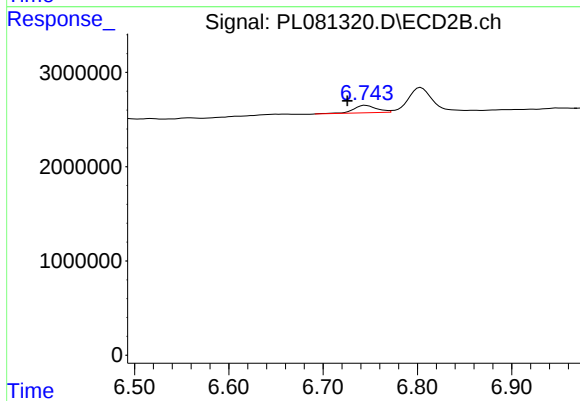
#19 Endosulfan Sulfate

R.T.: 6.207 min  
Delta R.T.: -0.012 min  
Response: 1792817  
Conc: 0.93 ng/ml



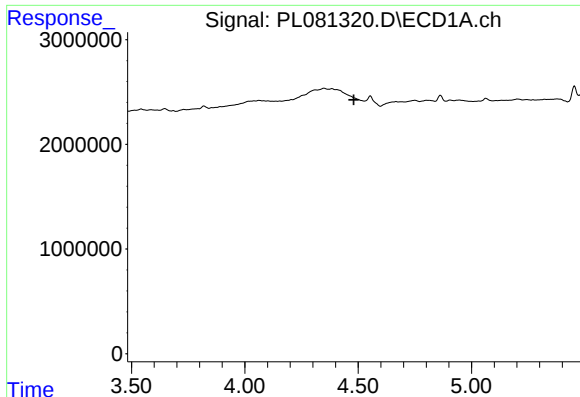
#21 Endrin ketone

R.T.: 7.384 min  
Delta R.T.: -0.025 min  
Response: 1991696  
Conc: 1.10 ng/ml



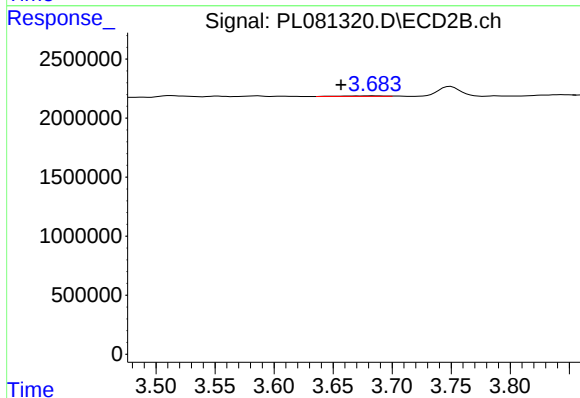
#21 Endrin ketone

R.T.: 6.745 min  
Delta R.T.: 0.019 min  
Response: 1364935  
Conc: 0.63 ng/ml



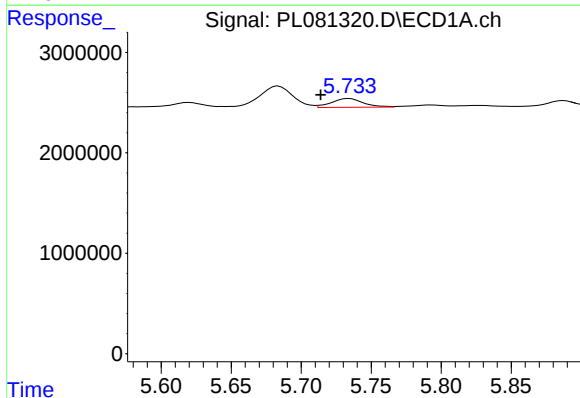
#23 Chlordane-1

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



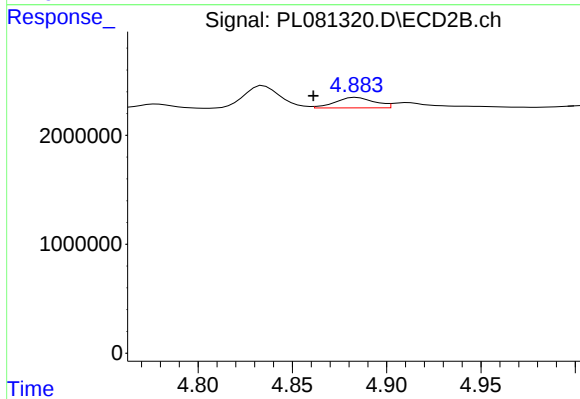
#23 Chlordane-1

R.T.: 3.685 min  
Delta R.T.: 0.028 min  
Response: 127965  
Conc: 1.55 ng/ml



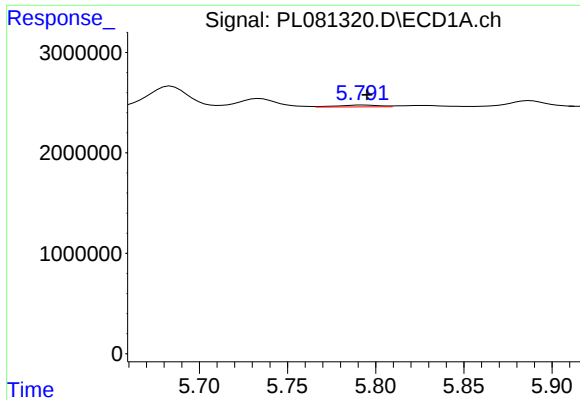
#25 Chlordane-3

R.T.: 5.734 min  
Delta R.T.: 0.020 min  
Response: 1383575  
Conc: 3.78 ng/ml



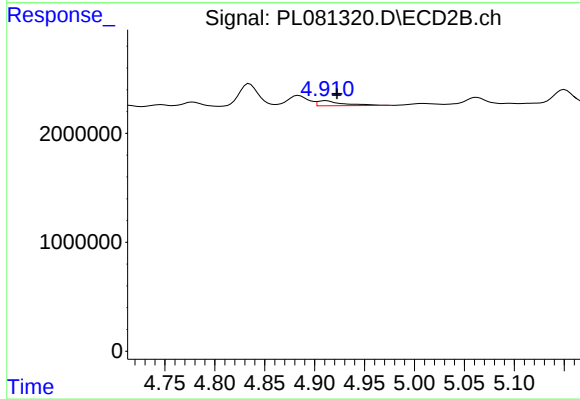
#25 Chlordane-3

R.T.: 4.884 min  
Delta R.T.: 0.023 min  
Response: 1374328  
Conc: 5.09 ng/ml



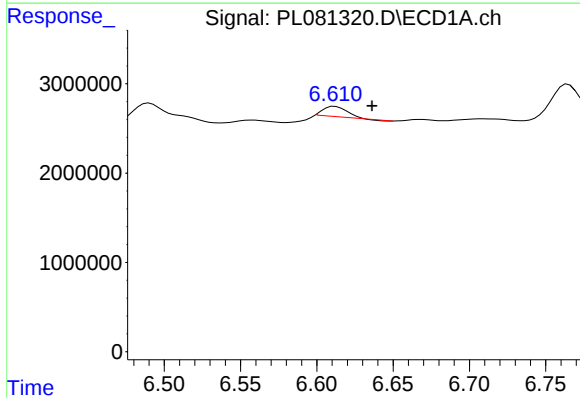
#26 Chlordane-4

R.T.: 5.793 min  
Delta R.T.: -0.002 min  
Response: 302784  
Conc: 0.69 ng/ml



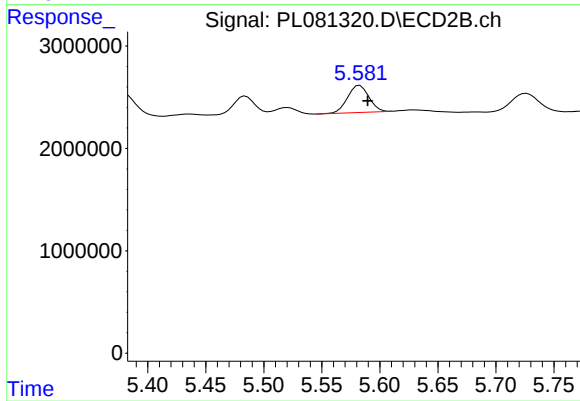
#26 Chlordane-4

R.T.: 4.911 min  
Delta R.T.: -0.011 min  
Response: 795401  
Conc: 2.83 ng/ml



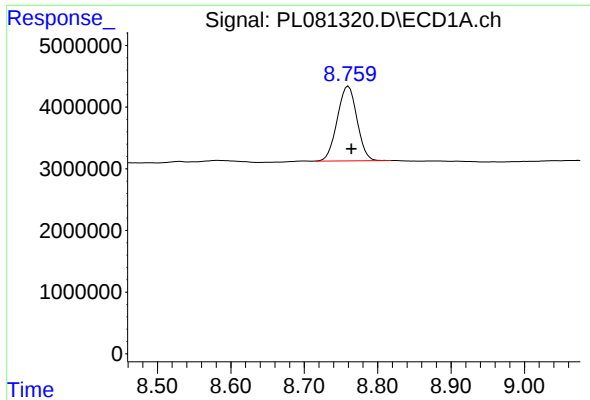
#27 Chlordane-5

R.T.: 6.612 min  
Delta R.T.: -0.024 min  
Response: 1190051  
Conc: 15.79 ng/ml



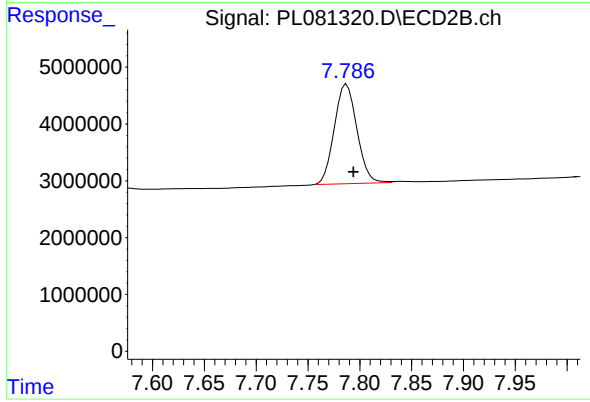
#27 Chlordane-5

R.T.: 5.583 min  
Delta R.T.: -0.007 min  
Response: 3384246  
Conc: 48.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.760 min  
Delta R.T.: -0.004 min  
Response: 22626906  
Conc: 14.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.787 min  
Delta R.T.: -0.006 min  
Response: 26569024  
Conc: 13.87 ng/ml