

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040323\  
 Data File : PL081827.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2023 09:17  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 21:32:47 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... | 3.330  | 2.657  | 44768958 | 36814912 | 19.248  | 18.443  |
| 28)                         | SA Decachlor... | 8.752  | 7.773  | 32718496 | 34804507 | 18.282  | 17.549  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.779  | 3.155  | 30449656 | 23736284 | 8.882   | 8.143   |
| 3)                          | MA gamma-BHC... | 4.108  | 3.483  | 28970186 | 22622284 | 9.119   | 8.125   |
| 5)                          | MB Aldrin       | 0.000  | 4.111f | 0        | 249451   | N.D.    | 0.094 # |
| 6)                          | B beta-BHC      | 4.310  | 3.782  | 14651660 | 11991073 | 9.735   | 10.068  |
| 7)                          | B delta-BHC     | 4.547  | 4.010  | 748837   | 139581   | 0.246   | 0.054 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.599  | 0        | 85520    | N.D.    | 0.035 # |
| 9)                          | A Endosulfan I  | 0.000  | 4.961  | 0        | 74495    | N.D.    | 0.034 # |
| 10)                         | B gamma-Chl...  | 5.681f | 4.853  | 1523736  | 1776566  | 0.580   | 0.731 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.909  | 0        | 53874    | N.D.    | 0.022 # |
| 12)                         | B 4,4'-DDE      | 5.959  | 5.100  | 485207   | 262829   | 0.215   | 0.133 # |
| 14)                         | MA Endrin       | 6.332  | 5.501  | 84668446 | 83555955 | 40.028  | 41.288  |
| 16)                         | A 4,4'-DDD      | 6.475  | 5.652  | 7098904  | 7173735  | 3.936   | 4.727   |
| 17)                         | MA 4,4'-DDT     | 6.788  | 5.901  | 153.6E6  | 148.9E6  | 75.659  | 86.401  |
| 18)                         | B Endrin al...  | 6.684  | 5.979  | 2421421  | 3647192  | 1.480   | 2.349 # |
| 19)                         | B Endosulfa...  | 6.895f | 6.189f | 222364   | 113262   | 0.107   | 0.058 # |
| 20)                         | A Methoxychlor  | 7.268  | 6.481  | 202.3E6  | 194.4E6  | 187.844 | 195.217 |
| 21)                         | B Endrin ke...  | 7.398  | 6.705  | 5089134  | 6303515  | 2.430   | 2.950   |
| 25)                         | Chlordane-3     | 5.681f | 4.853  | 1523736  | 1776566  | 3.847   | 7.053 # |
| 26)                         | Chlordane-4     | 0.000  | 4.909  | 0        | 53874    | N.D.    | 0.206 # |
| 27)                         | Chlordane-5     | 0.000  | 5.573  | 0        | 113297   | N.D.    | 1.698 # |
| -----                       |                 |        |        |          |          |         |         |

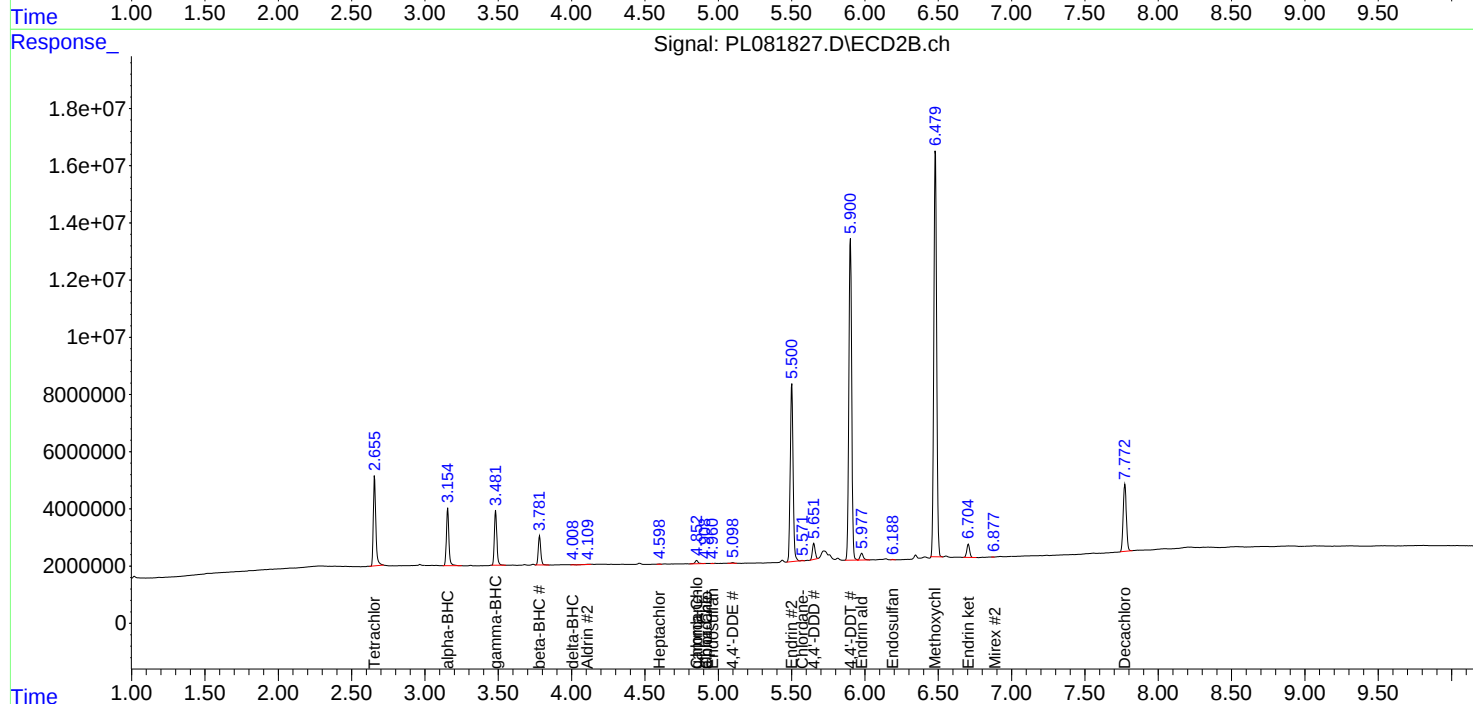
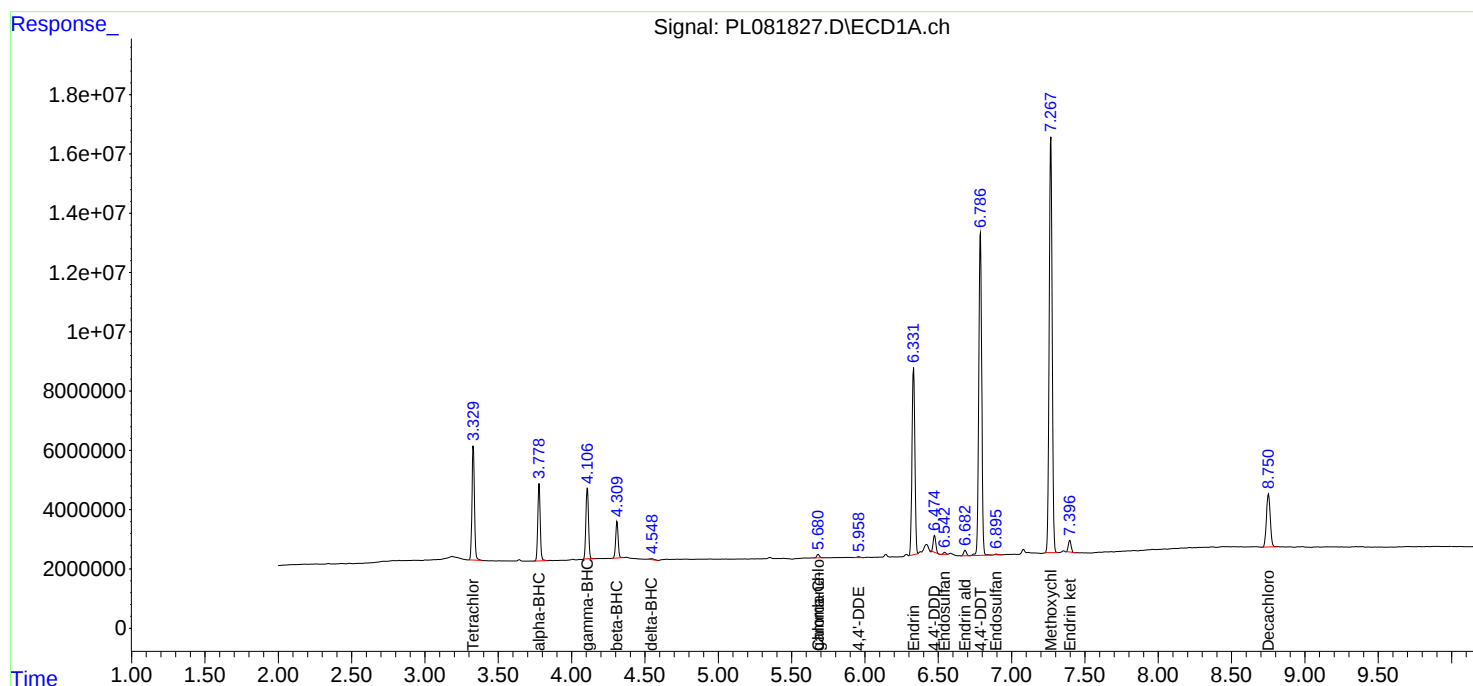
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

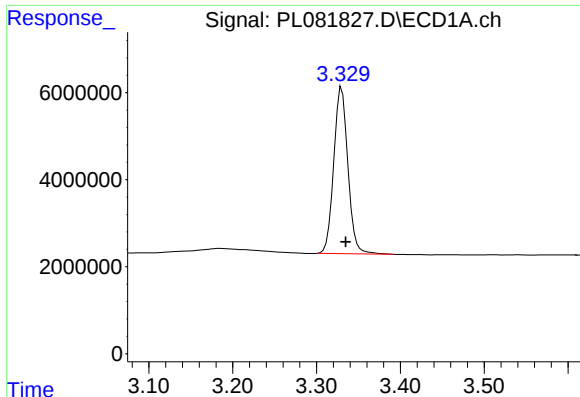
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040323\  
Data File : PL081827.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Apr 2023 09:17  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 21:32:47 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

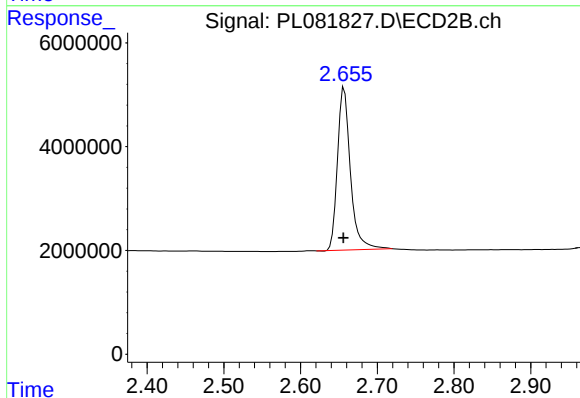




#1 Tetrachloro-m-xylene

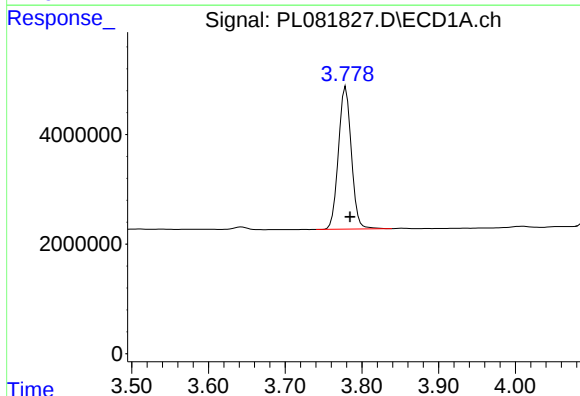
R.T.: 3.330 min  
Delta R.T.: -0.005 min  
Response: 44768958  
Conc: 19.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



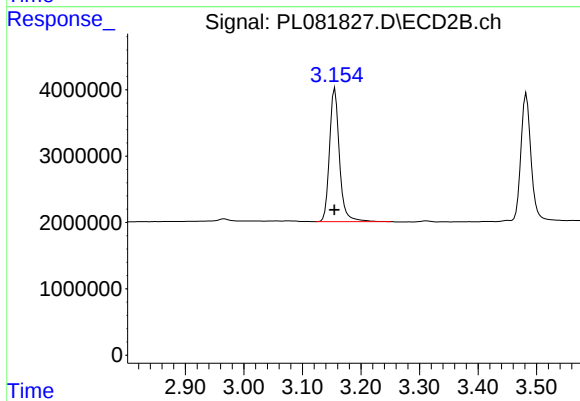
#1 Tetrachloro-m-xylene

R.T.: 2.657 min  
Delta R.T.: 0.000 min  
Response: 36814912  
Conc: 18.44 ng/ml



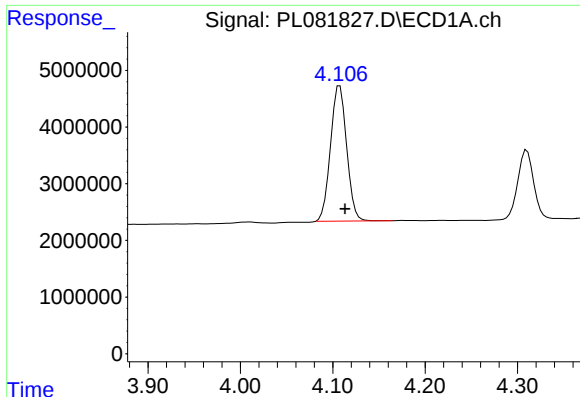
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: -0.006 min  
Response: 30449656  
Conc: 8.88 ng/ml



#2 alpha-BHC

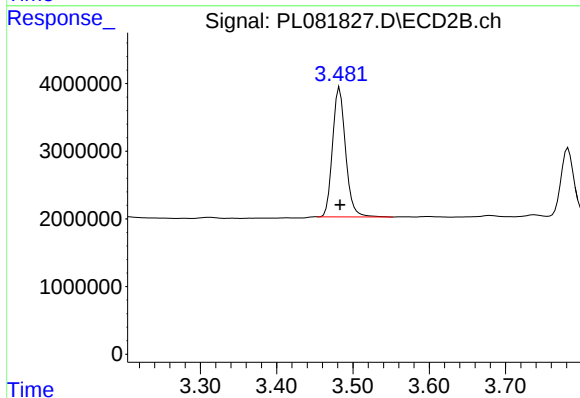
R.T.: 3.155 min  
Delta R.T.: 0.000 min  
Response: 23736284  
Conc: 8.14 ng/ml



#3 gamma-BHC (Lindane)

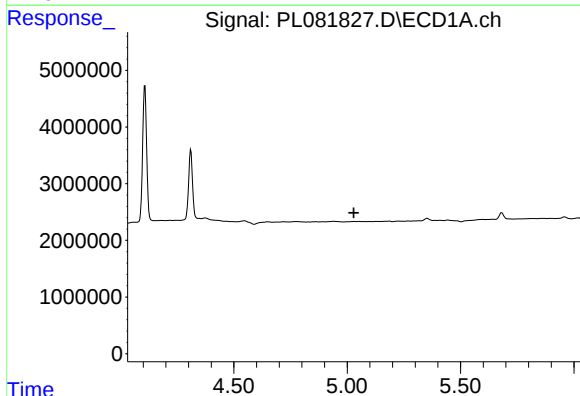
R.T.: 4.108 min  
Delta R.T.: -0.006 min  
Response: 28970186  
Conc: 9.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



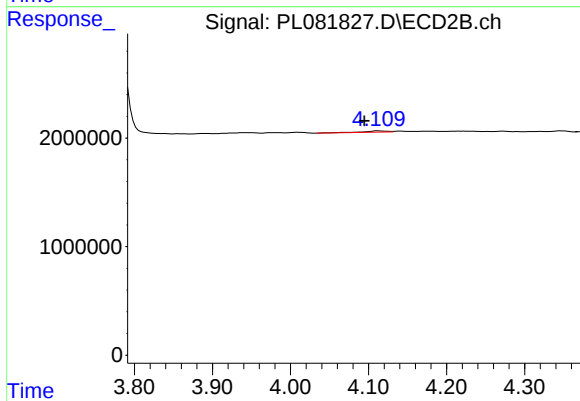
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 22622284  
Conc: 8.13 ng/ml



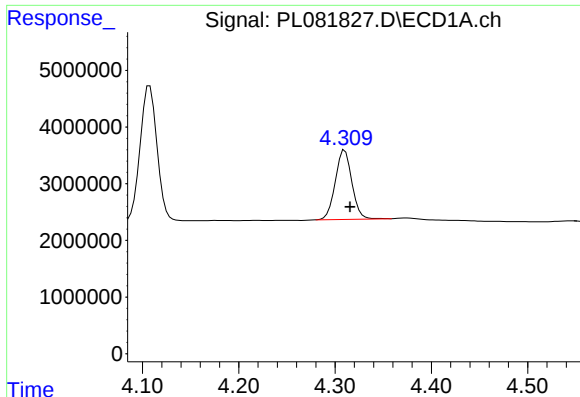
#5 Aldrin

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



#5 Aldrin

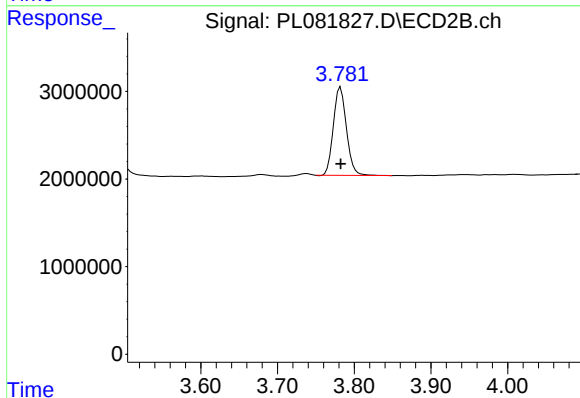
R.T.: 4.111 min  
Delta R.T.: 0.017 min  
Response: 249451  
Conc: 0.09 ng/ml



#6 beta-BHC

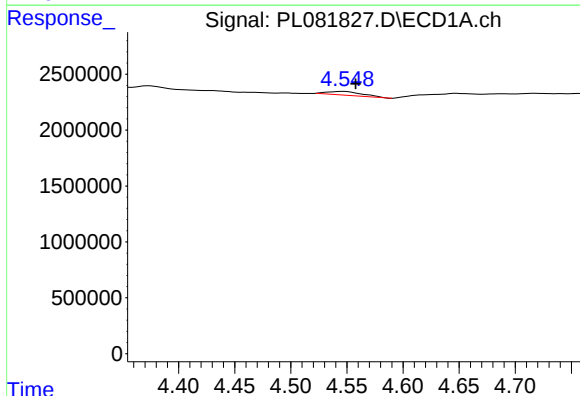
R.T.: 4.310 min  
Delta R.T.: -0.005 min  
Response: 14651660  
Conc: 9.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



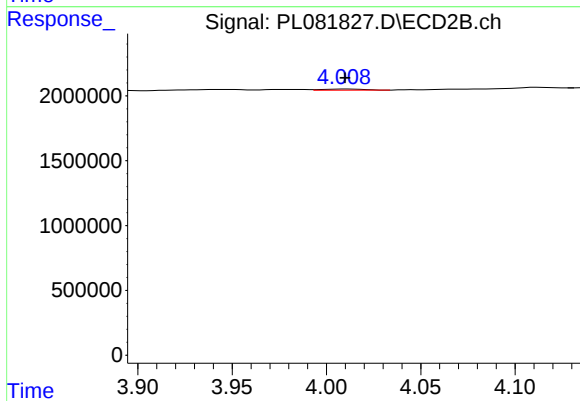
#6 beta-BHC

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 11991073  
Conc: 10.07 ng/ml



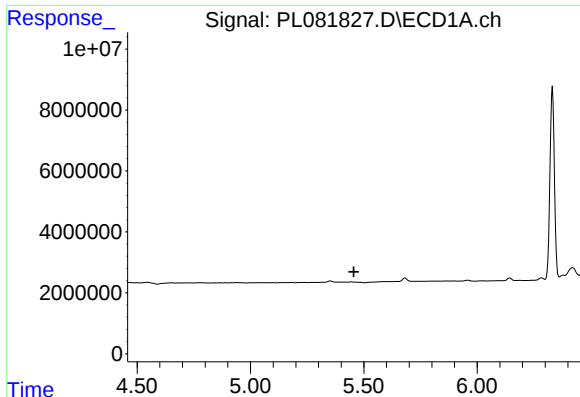
#7 delta-BHC

R.T.: 4.547 min  
Delta R.T.: -0.011 min  
Response: 748837  
Conc: 0.25 ng/ml



#7 delta-BHC

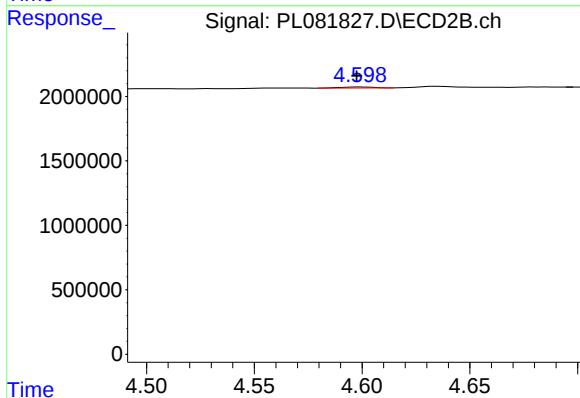
R.T.: 4.010 min  
Delta R.T.: 0.000 min  
Response: 139581  
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

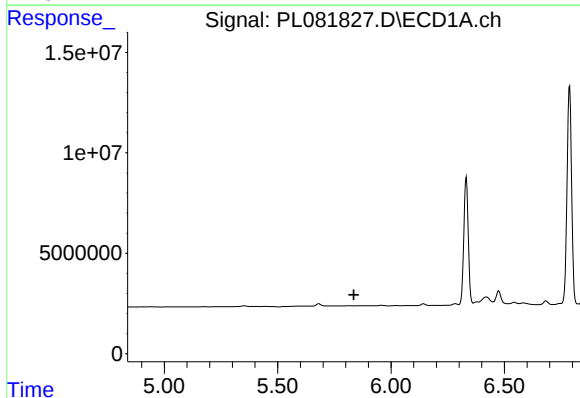
R.T.: 0.000 min  
Exp R.T.: 5.456 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



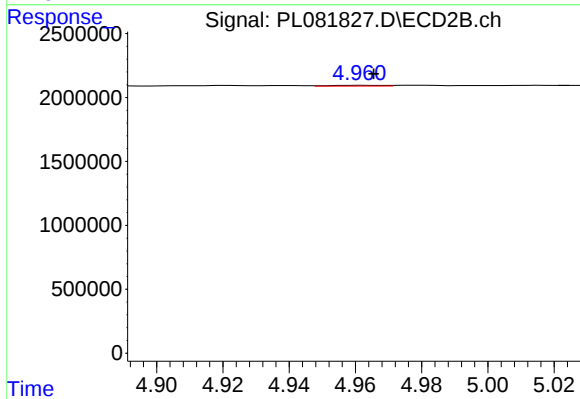
#8 Heptachlor epoxide

R.T.: 4.599 min  
Delta R.T.: 0.002 min  
Response: 85520  
Conc: 0.04 ng/ml



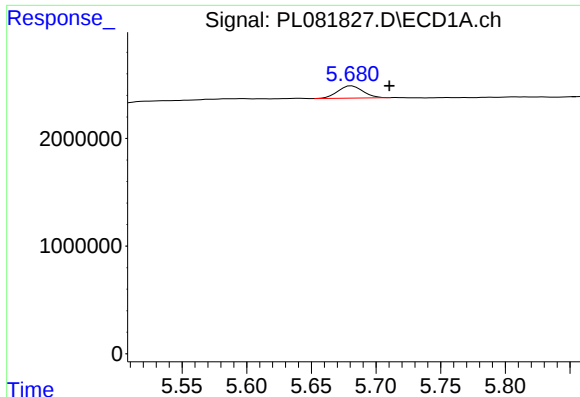
#9 Endosulfan I

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



#9 Endosulfan I

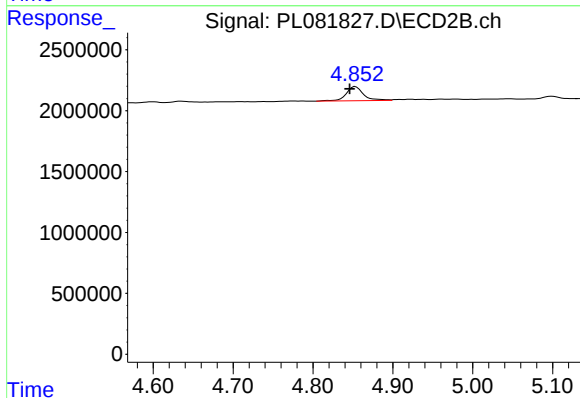
R.T.: 4.961 min  
Delta R.T.: -0.004 min  
Response: 74495  
Conc: 0.03 ng/ml



#10 gamma-Chlordane

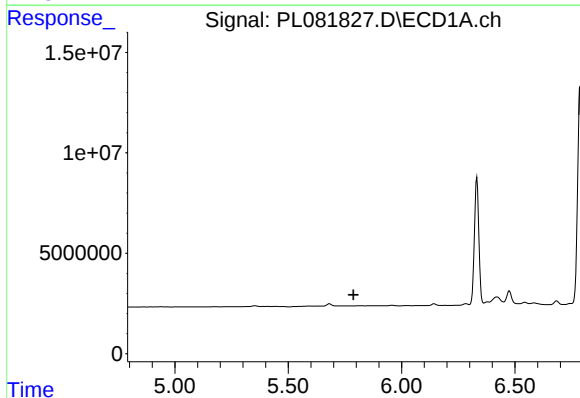
R.T.: 5.681 min  
Delta R.T.: -0.029 min  
Response: 1523736  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



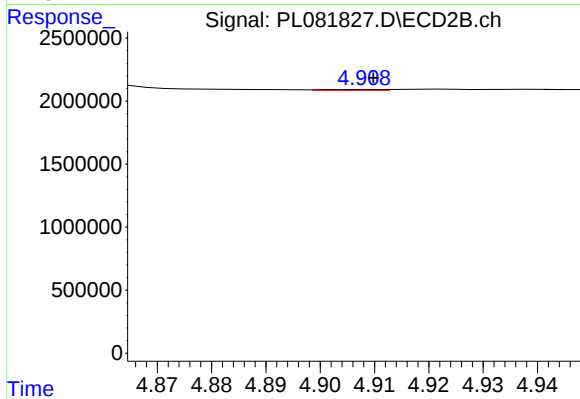
#10 gamma-Chlordane

R.T.: 4.853 min  
Delta R.T.: 0.007 min  
Response: 1776566  
Conc: 0.73 ng/ml



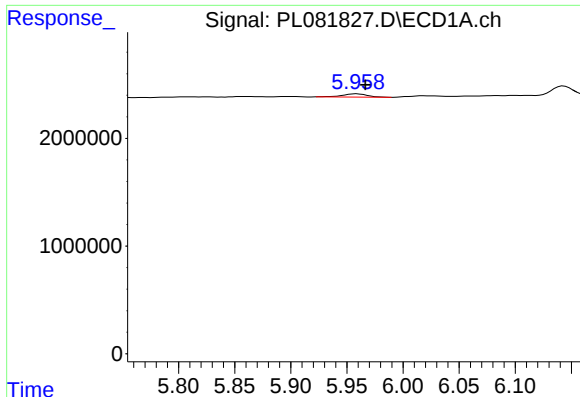
#11 alpha-Chlordane

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



#11 alpha-Chlordane

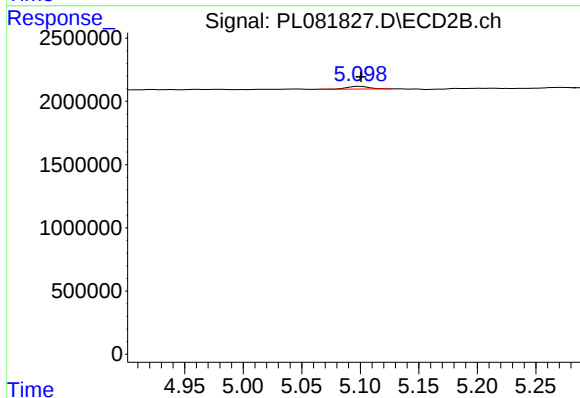
R.T.: 4.909 min  
Delta R.T.: 0.000 min  
Response: 53874  
Conc: 0.02 ng/ml



#12 4,4'-DDE

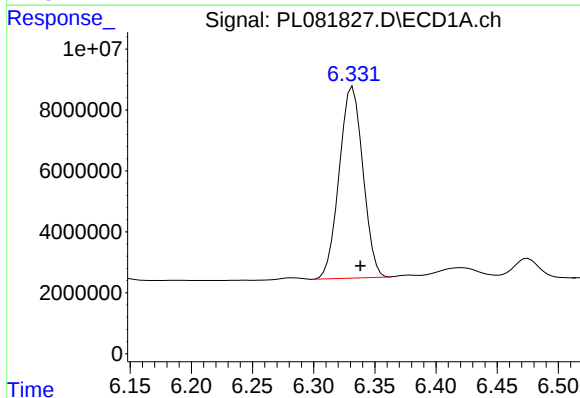
R.T.: 5.959 min  
Delta R.T.: -0.008 min  
Response: 485207  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



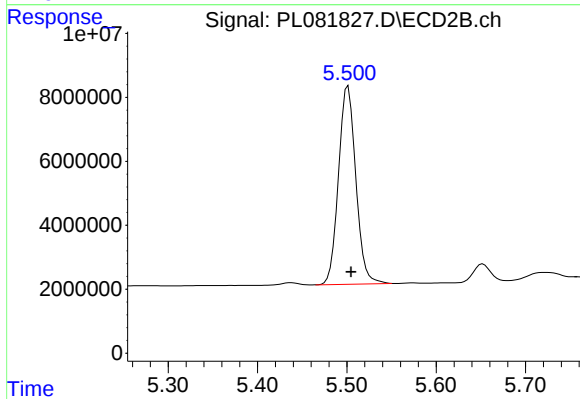
#12 4,4'-DDE

R.T.: 5.100 min  
Delta R.T.: -0.001 min  
Response: 262829  
Conc: 0.13 ng/ml



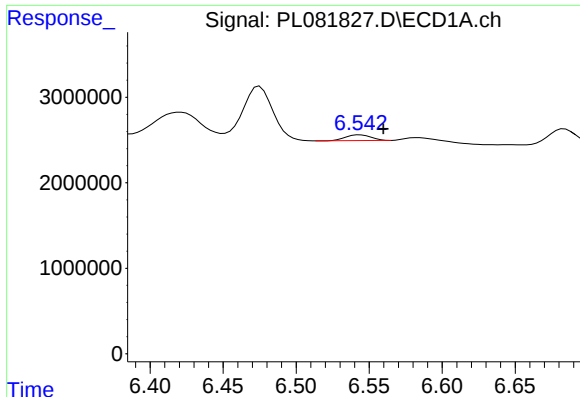
#14 Endrin

R.T.: 6.332 min  
Delta R.T.: -0.006 min  
Response: 84668446  
Conc: 40.03 ng/ml



#14 Endrin

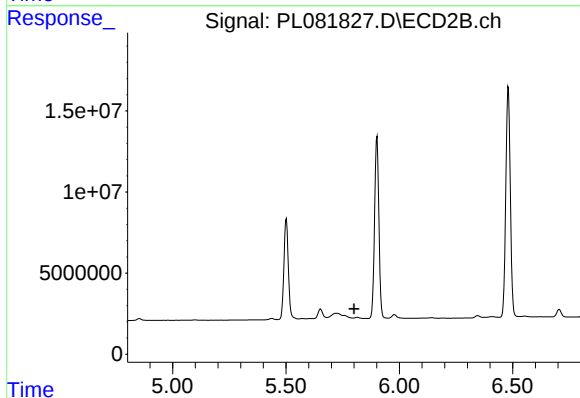
R.T.: 5.501 min  
Delta R.T.: -0.003 min  
Response: 83555955  
Conc: 41.29 ng/ml



#15 Endosulfan II

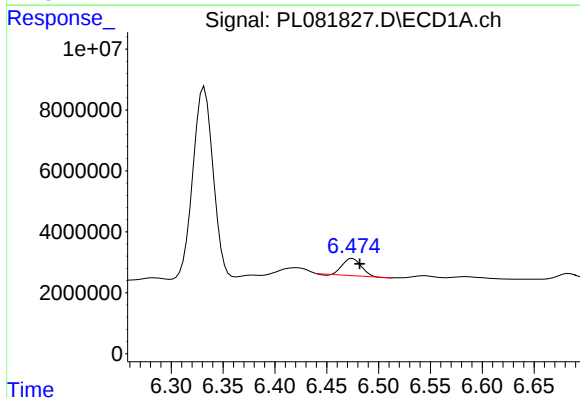
R.T.: 6.544 min  
Delta R.T.: -0.016 min  
Response: 818590  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



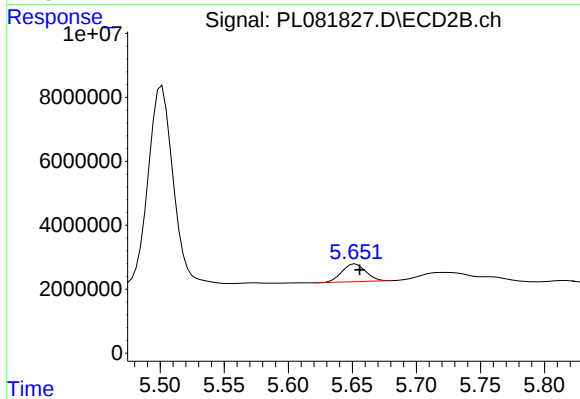
#15 Endosulfan II

R.T.: 5.816 min  
Delta R.T.: 0.014 min  
Response: -821569  
Conc: N.D.



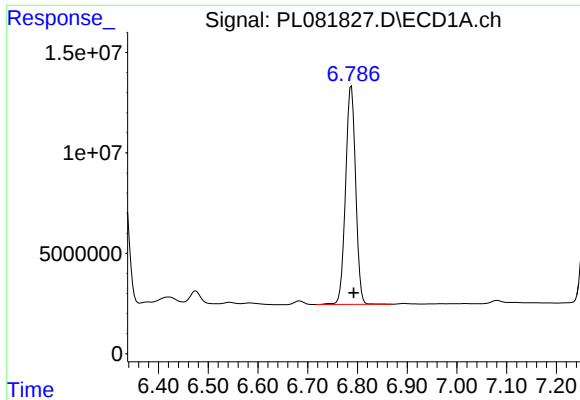
#16 4,4'-DDD

R.T.: 6.475 min  
Delta R.T.: -0.007 min  
Response: 7098904  
Conc: 3.94 ng/ml



#16 4,4'-DDD

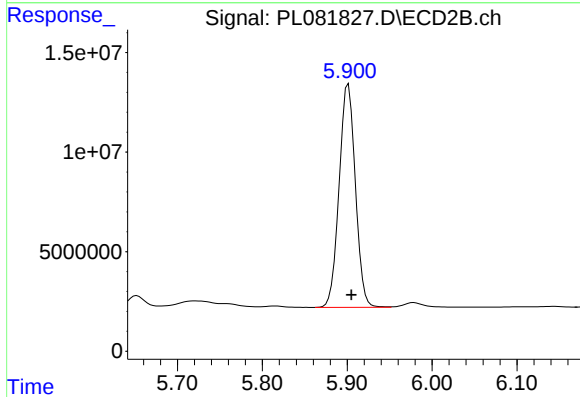
R.T.: 5.652 min  
Delta R.T.: -0.004 min  
Response: 7173735  
Conc: 4.73 ng/ml



#17 4,4'-DDT

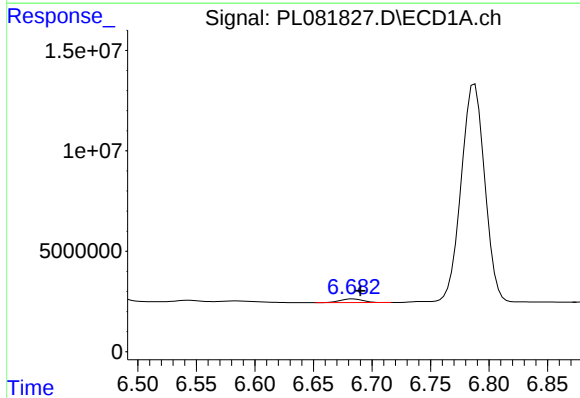
R.T.: 6.788 min  
Delta R.T.: -0.005 min  
Response: 153559718  
Conc: 75.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



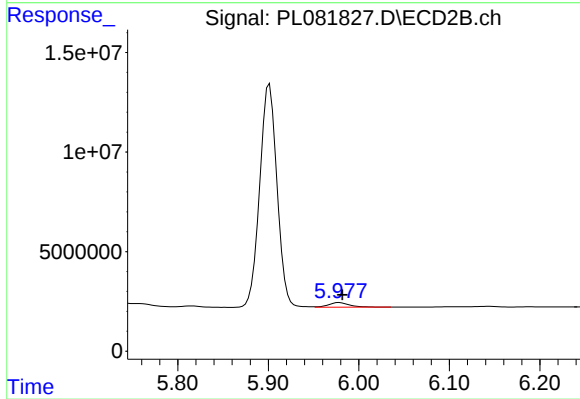
#17 4,4'-DDT

R.T.: 5.901 min  
Delta R.T.: -0.004 min  
Response: 148893099  
Conc: 86.40 ng/ml



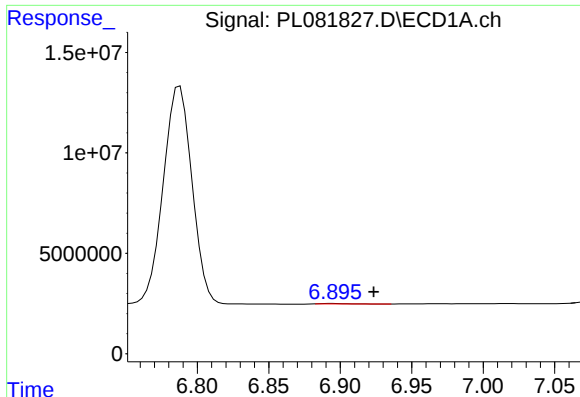
#18 Endrin aldehyde

R.T.: 6.684 min  
Delta R.T.: -0.006 min  
Response: 2421421  
Conc: 1.48 ng/ml



#18 Endrin aldehyde

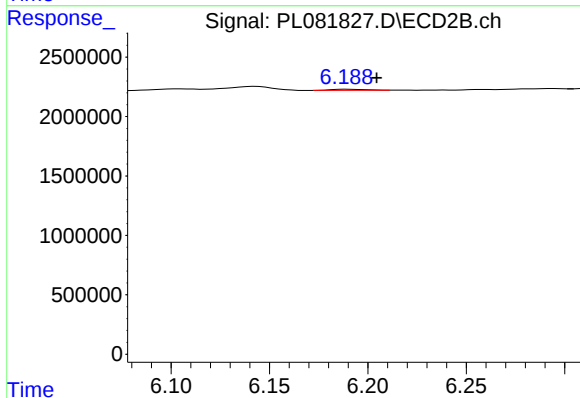
R.T.: 5.979 min  
Delta R.T.: -0.003 min  
Response: 3647192  
Conc: 2.35 ng/ml



#19 Endosulfan Sulfate

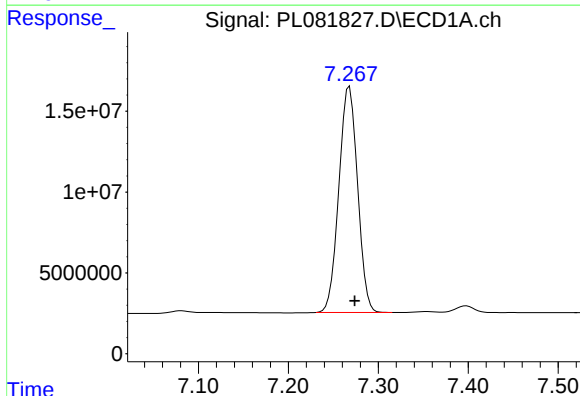
R.T.: 6.895 min  
Delta R.T.: -0.029 min  
Response: 222364  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



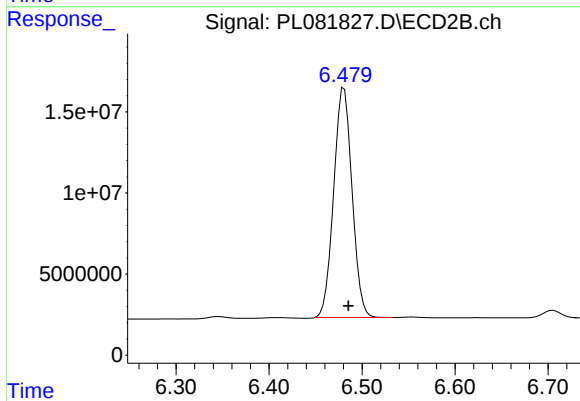
#19 Endosulfan Sulfate

R.T.: 6.189 min  
Delta R.T.: -0.015 min  
Response: 113262  
Conc: 0.06 ng/ml



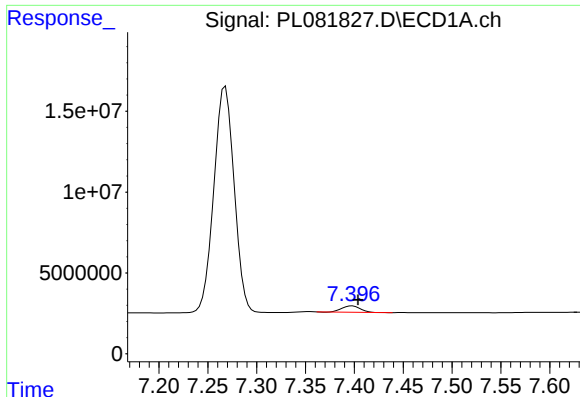
#20 Methoxychlor

R.T.: 7.268 min  
Delta R.T.: -0.006 min  
Response: 202288254  
Conc: 187.84 ng/ml



#20 Methoxychlor

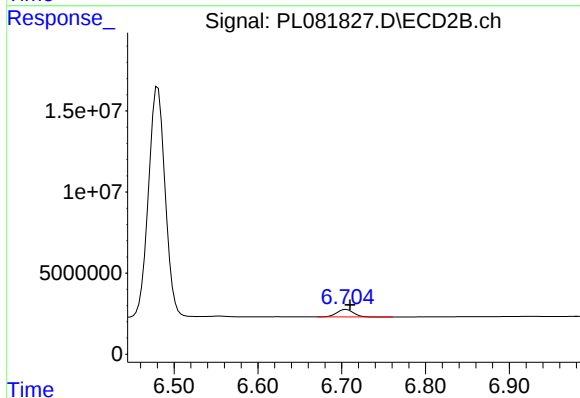
R.T.: 6.481 min  
Delta R.T.: -0.004 min  
Response: 194443674  
Conc: 195.22 ng/ml



#21 Endrin ketone

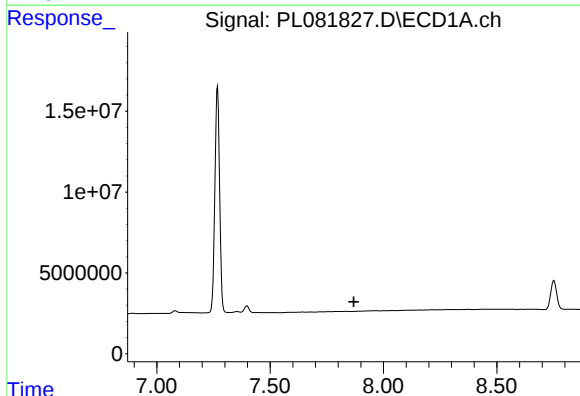
R.T.: 7.398 min  
Delta R.T.: -0.006 min  
Response: 5089134  
Conc: 2.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



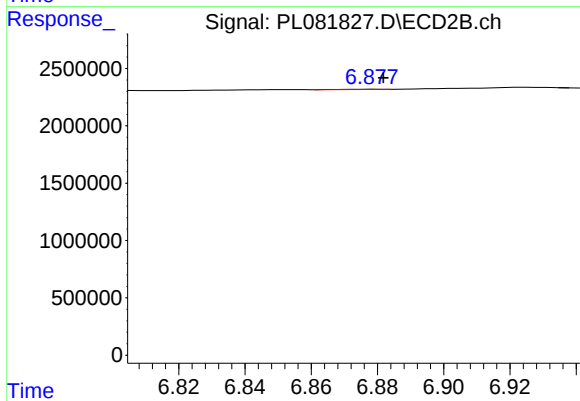
#21 Endrin ketone

R.T.: 6.705 min  
Delta R.T.: -0.005 min  
Response: 6303515  
Conc: 2.95 ng/ml



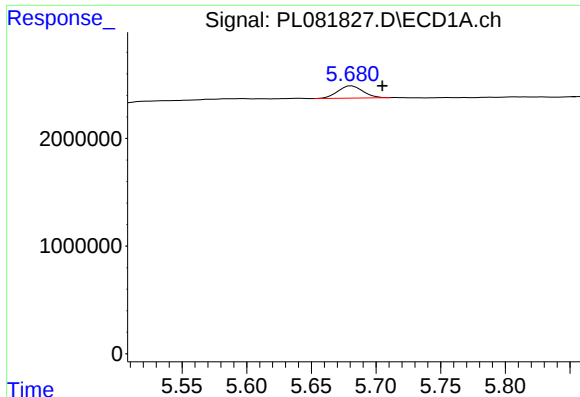
#22 Mirex

R.T.: 7.891 min  
Delta R.T.: 0.022 min  
Response: -72127  
Conc: N.D.



#22 Mirex

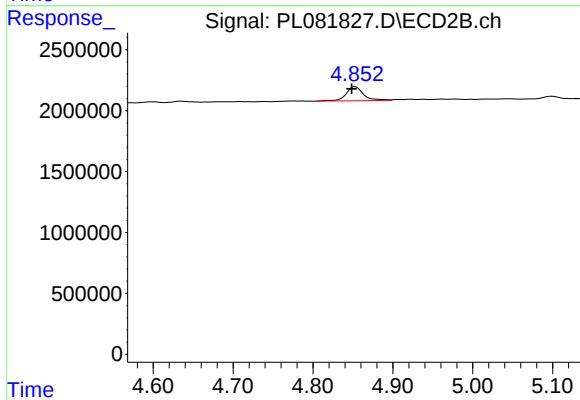
R.T.: 6.879 min  
Delta R.T.: -0.003 min  
Response: 17496  
Conc: 0.01 ng/ml



#25 Chlordane-3

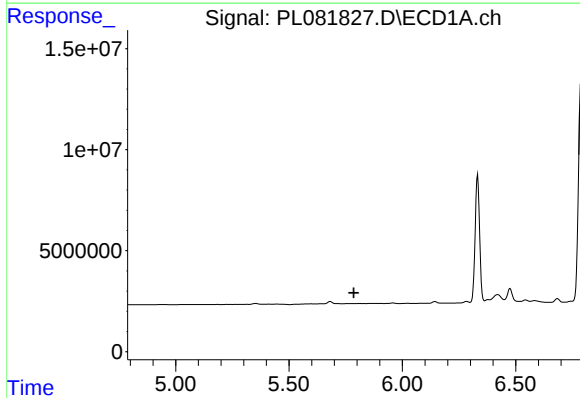
R.T.: 5.681 min  
Delta R.T.: -0.024 min  
Response: 1523736  
Conc: 3.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



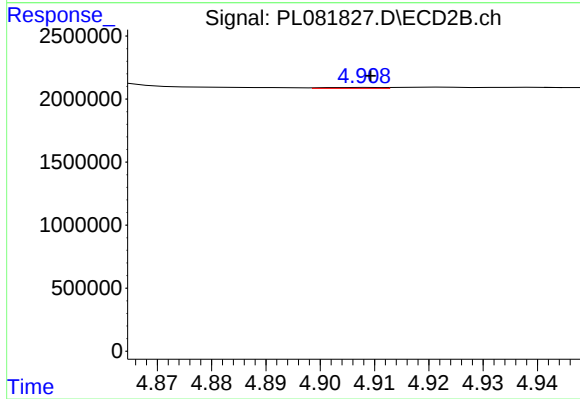
#25 Chlordane-3

R.T.: 4.853 min  
Delta R.T.: 0.005 min  
Response: 1776566  
Conc: 7.05 ng/ml



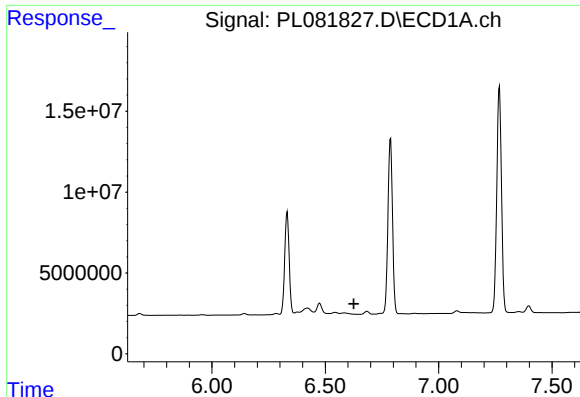
#26 Chlordane-4

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



#26 Chlordane-4

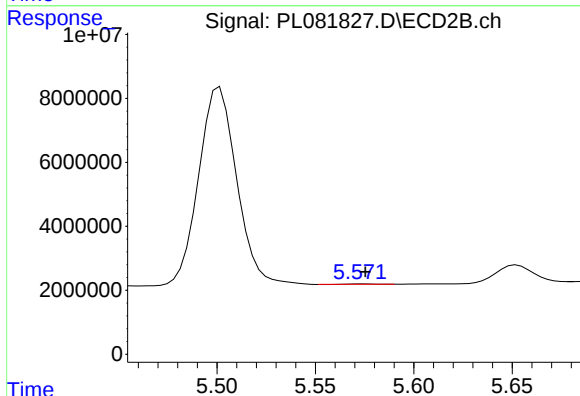
R.T.: 4.909 min  
Delta R.T.: 0.000 min  
Response: 53874  
Conc: 0.21 ng/ml



#27 Chlordane-5

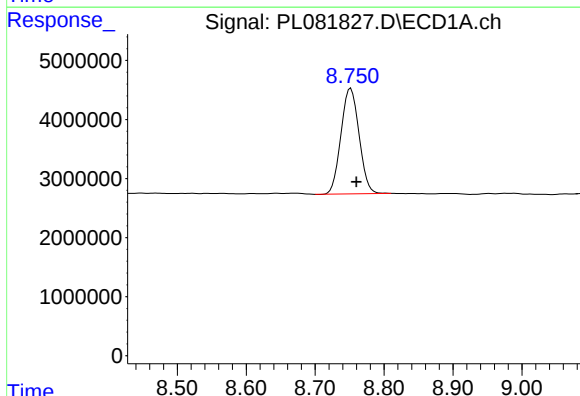
R.T.: 0.000 min  
Exp R.T.: 6.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



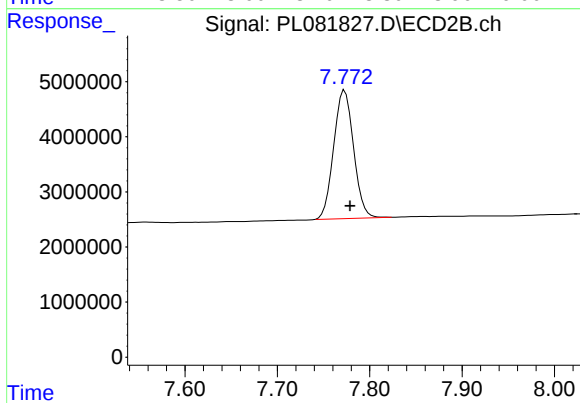
#27 Chlordane-5

R.T.: 5.573 min  
Delta R.T.: -0.002 min  
Response: 113297  
Conc: 1.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.752 min  
Delta R.T.: -0.008 min  
Response: 32718496  
Conc: 18.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min  
Delta R.T.: -0.006 min  
Response: 34804507  
Conc: 17.55 ng/ml