

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
 Data File : PL080028.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2023 13:40  
 Operator : AR\AJ  
 Sample : PB149888BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 03 20:28:48 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 30 05:17:19 2022  
 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... | 3.370  | 2.694  | 27157809 | 38854396 | 19.577 | 21.146  |
| 28)                         | SA Decachlor... | 8.822  | 7.854  | 32524624 | 42466141 | 23.135 | 25.396  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.201  | 0        | 192170   | N.D.   | 0.077 # |
| 3)                          | MA gamma-BHC... | 0.000  | 3.519  | 0        | 12992    | N.D.   | 0.005 # |
| 4)                          | MA Heptachlor   | 0.000  | 3.870  | 0        | 81144    | N.D.   | 0.038 # |
| 5)                          | MB Aldrin       | 0.000  | 4.147  | 0        | 559083   | N.D.   | 0.244 # |
| 6)                          | B beta-BHC      | 4.367f | 3.836  | 60499    | 8493     | 0.071  | 0.008 # |
| 7)                          | B delta-BHC     | 0.000  | 4.076f | 0        | 258538   | N.D.   | 0.113 # |
| 8)                          | B Heptachlo...  | 5.499  | 4.667  | 12651    | 28835    | 0.008  | 0.014 # |
| 9)                          | A Endosulfan I  | 5.878  | 5.018  | 251380   | 134797   | 0.161  | 0.066 # |
| 10)                         | B gamma-Chl...  | 0.000  | 4.891f | 0        | 88742    | N.D.   | 0.041 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.962  | 0        | 52238    | N.D.   | 0.024 # |
| 12)                         | B 4,4'-DDE      | 5.988  | 5.173  | 311311   | -13387   | 0.211  | N.D. #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.295  | 0        | 67808    | N.D.   | 0.034 # |
| 14)                         | MA Endrin       | 6.384  | 5.578  | 79018    | 48022    | 0.060  | 0.031 # |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.964  | 0        | 279985   | N.D.   | 0.213 # |
| 18)                         | B Endrin al...  | 6.735  | 6.027  | 196706   | 91107    | 0.180  | 0.068 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.286f | 0        | 26613    | N.D.   | 0.015 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.559  | 0        | 37877    | N.D.   | 0.049 # |
| 21)                         | B Endrin ke...  | 0.000  | 6.790f | 0        | 315376   | N.D.   | 0.171 # |
| 22)                         | Mirex           | 0.000  | 6.937f | 0        | 9388     | N.D.   | 0.006 # |
| 25)                         | Chlordane-3     | 0.000  | 4.891f | 0        | 88742    | N.D.   | 0.438 # |
| 26)                         | Chlordane-4     | 0.000  | 4.962  | 0        | 52238    | N.D.   | 0.261 # |
| 27)                         | Chlordane-5     | 6.644f | 5.665f | 1460856  | 387078   | 26.984 | 7.139 # |
| -----                       |                 |        |        |          |          |        |         |

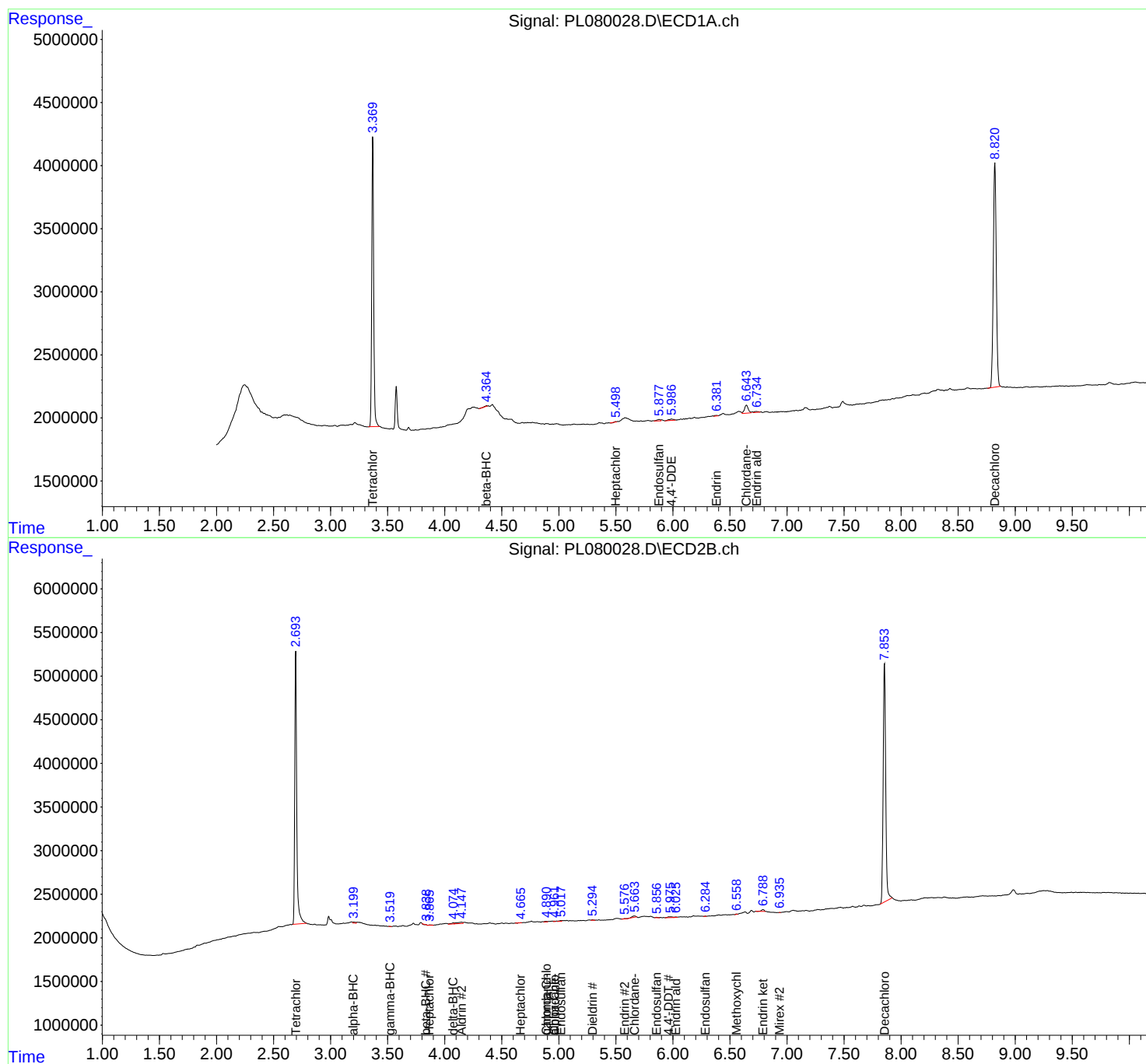
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

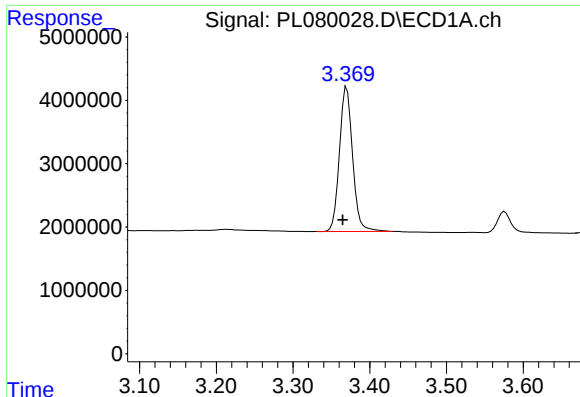
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010323\  
Data File : PL080028.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2023 13:40  
Operator : AR\AJ  
Sample : PB149888BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 03 20:28:48 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL123022.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 30 05:17:19 2022  
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

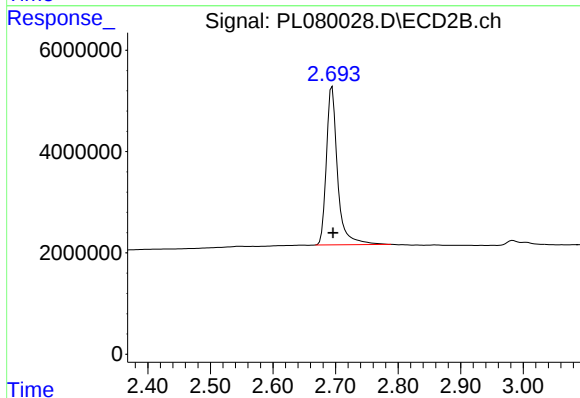




#1 Tetrachloro-m-xylene

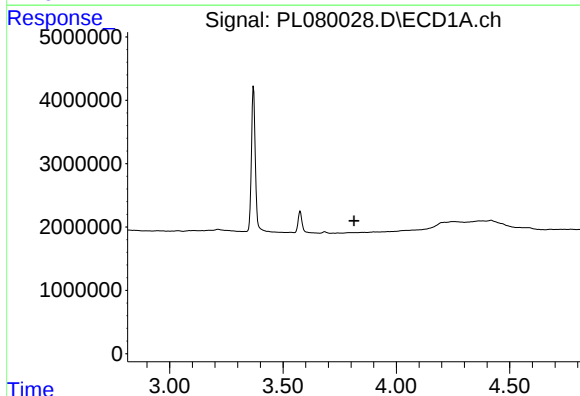
R.T.: 3.370 min  
Delta R.T.: 0.005 min  
Response: 27157809  
Conc: 19.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



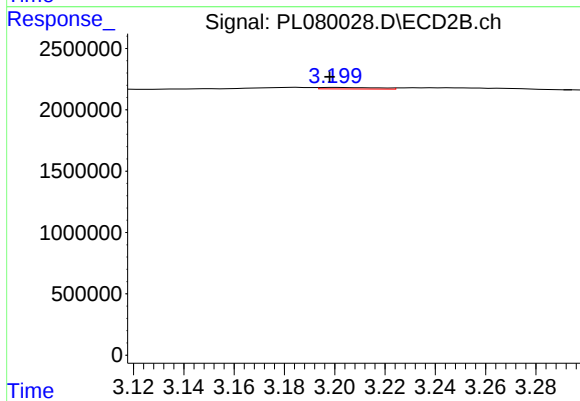
#1 Tetrachloro-m-xylene

R.T.: 2.694 min  
Delta R.T.: -0.002 min  
Response: 38854396  
Conc: 21.15 ng/ml



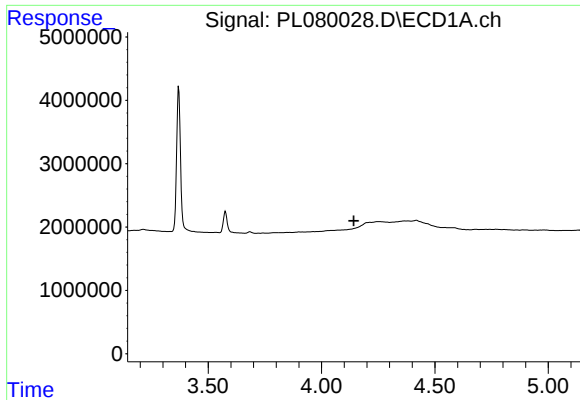
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.814 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

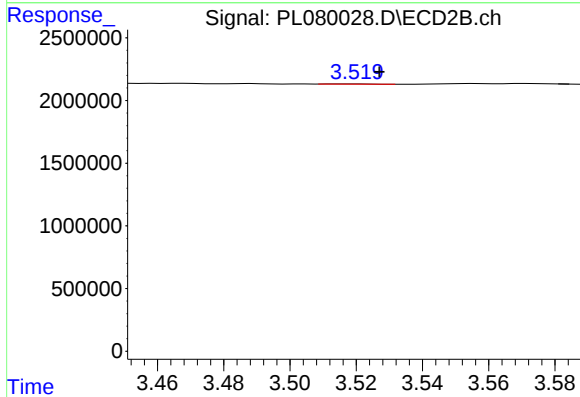
R.T.: 3.201 min  
Delta R.T.: 0.003 min  
Response: 192170  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

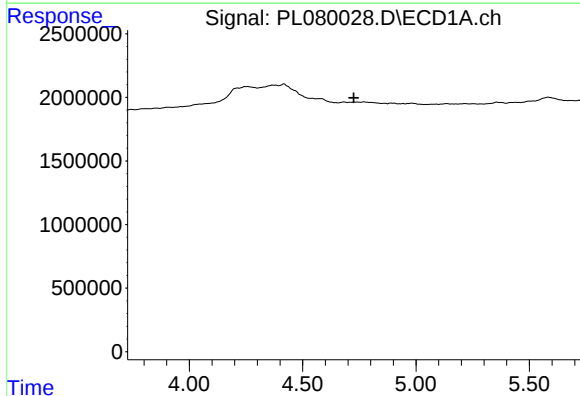
R.T.: 0.000 min  
Exp R.T.: 4.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



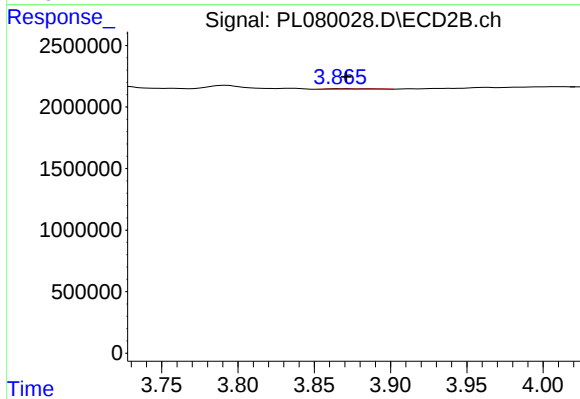
#3 gamma-BHC (Lindane)

R.T.: 3.519 min  
Delta R.T.: -0.008 min  
Response: 12992  
Conc: 0.01 ng/ml



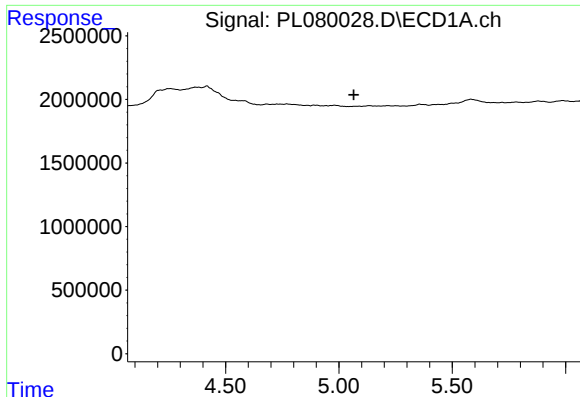
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.726 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

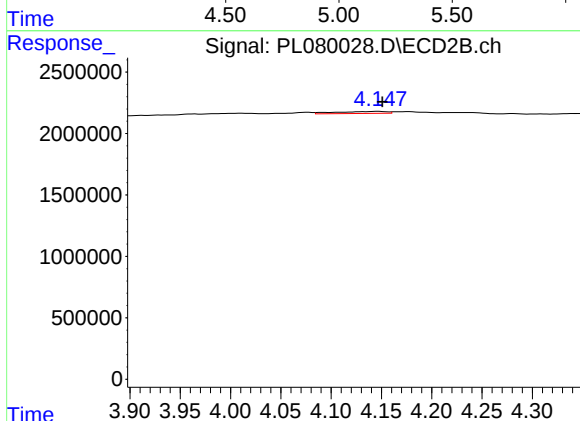
R.T.: 3.870 min  
Delta R.T.: 0.000 min  
Response: 81144  
Conc: 0.04 ng/ml



#5 Aldrin

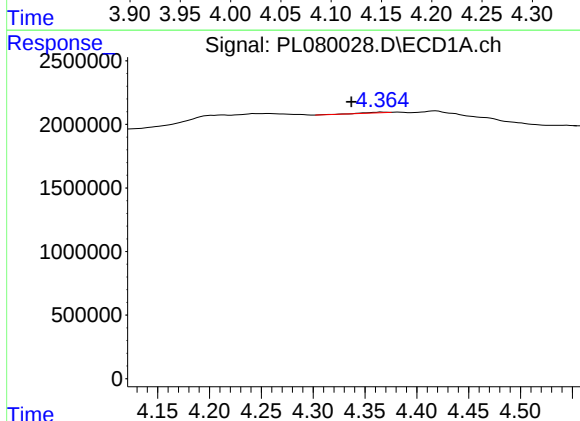
R.T.: 0.000 min  
Exp R.T.: 5.065 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



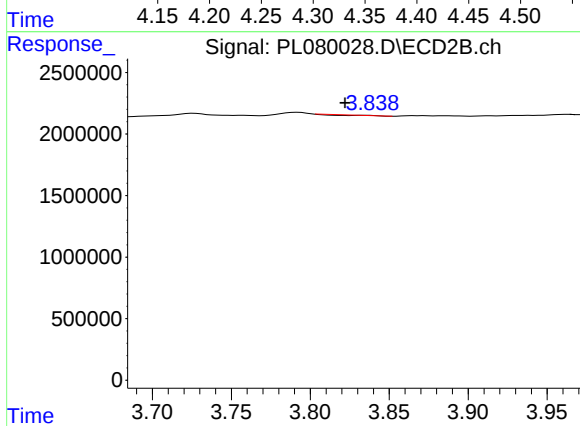
#5 Aldrin

R.T.: 4.147 min  
Delta R.T.: -0.004 min  
Response: 559083  
Conc: 0.24 ng/ml



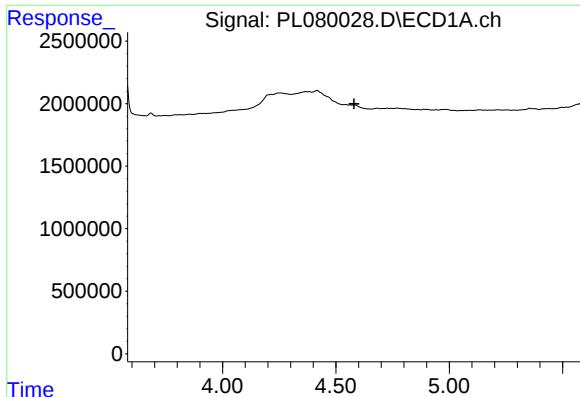
#6 beta-BHC

R.T.: 4.367 min  
Delta R.T.: 0.030 min  
Response: 60499  
Conc: 0.07 ng/ml



#6 beta-BHC

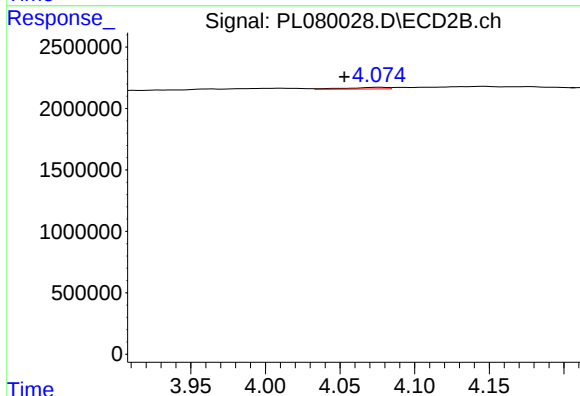
R.T.: 3.836 min  
Delta R.T.: 0.014 min  
Response: 8493  
Conc: 0.01 ng/ml



#7 delta-BHC

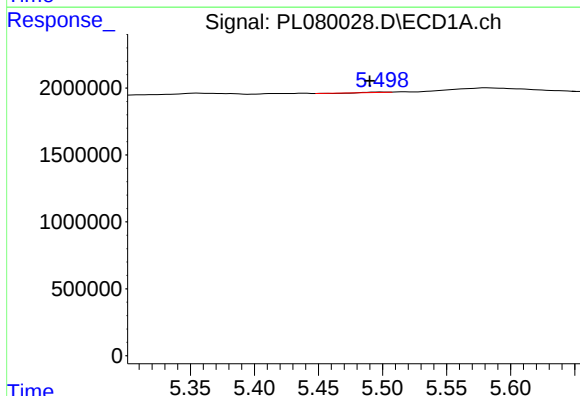
R.T.: 0.000 min  
Exp R.T.: 4.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



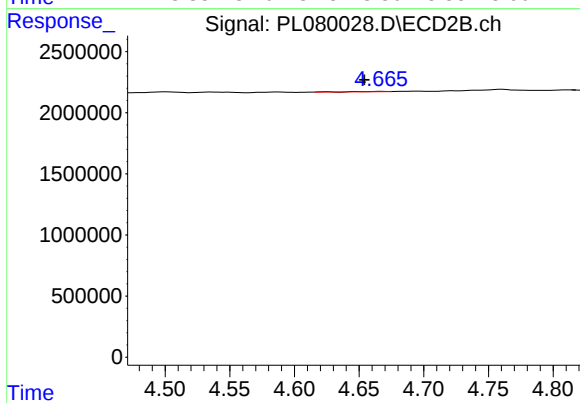
#7 delta-BHC

R.T.: 4.076 min  
Delta R.T.: 0.023 min  
Response: 258538  
Conc: 0.11 ng/ml



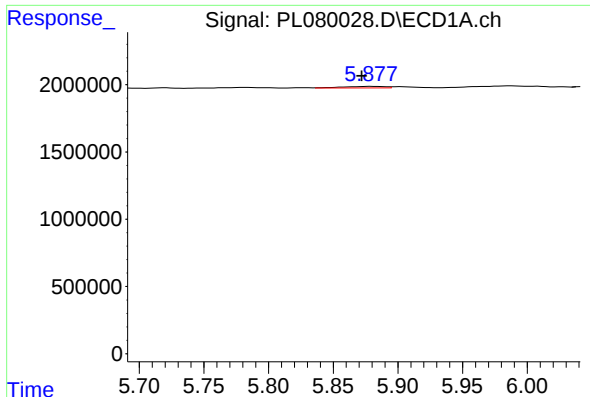
#8 Heptachlor epoxide

R.T.: 5.499 min  
Delta R.T.: 0.009 min  
Response: 12651  
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

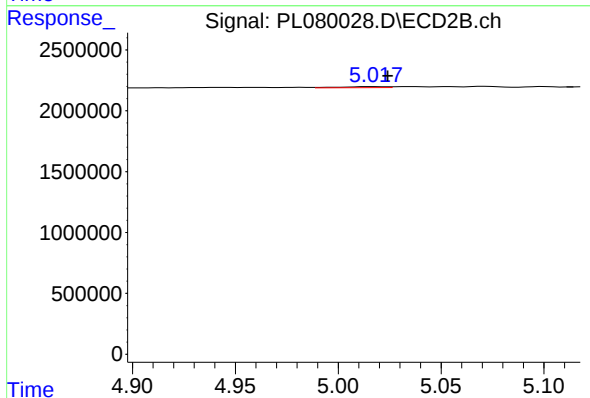
R.T.: 4.667 min  
Delta R.T.: 0.013 min  
Response: 28835  
Conc: 0.01 ng/ml



#9 Endosulfan I

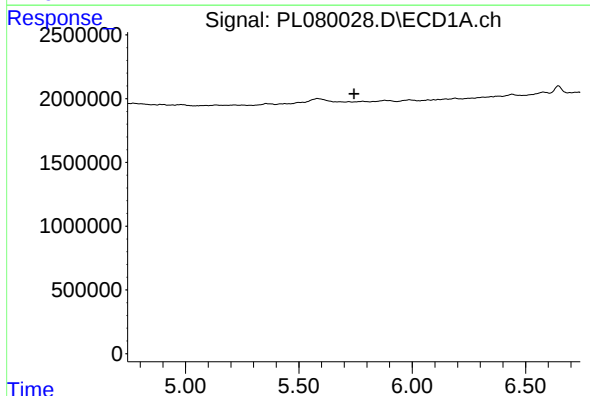
R.T.: 5.878 min  
Delta R.T.: 0.006 min  
Response: 251380  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



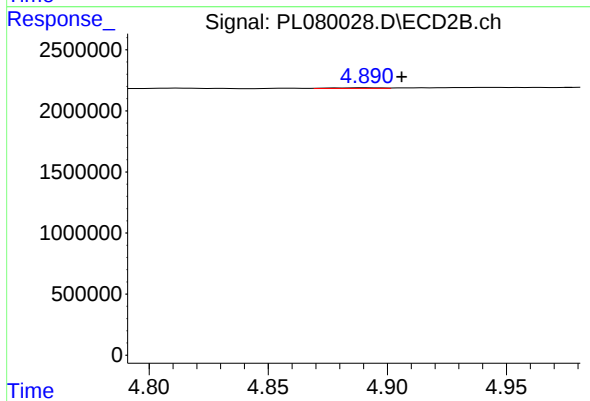
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: -0.006 min  
Response: 134797  
Conc: 0.07 ng/ml



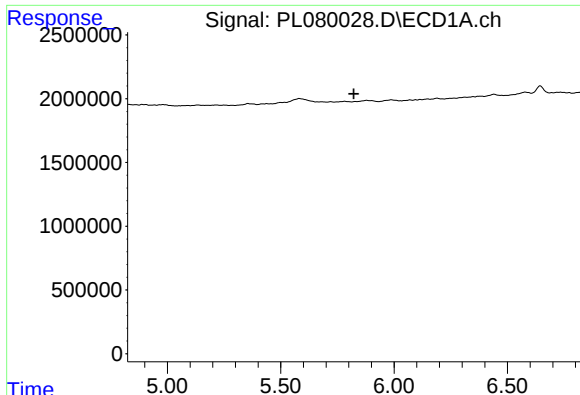
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.744 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

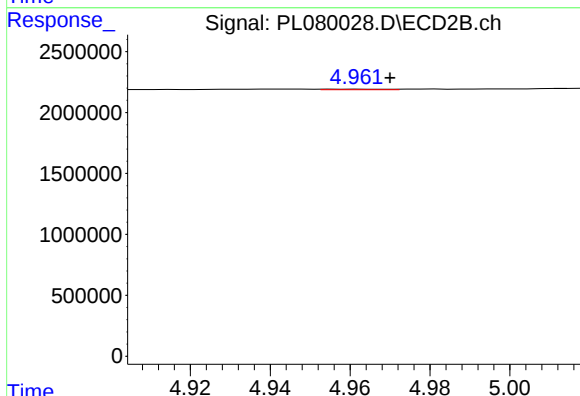
R.T.: 4.891 min  
Delta R.T.: -0.015 min  
Response: 88742  
Conc: 0.04 ng/ml



#11 alpha-Chlordane

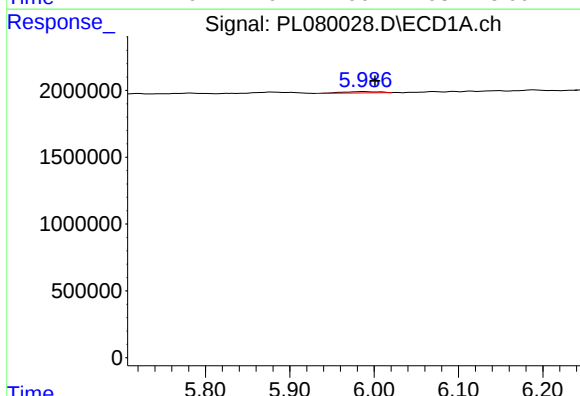
R.T.: 0.000 min  
Exp R.T.: 5.823 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



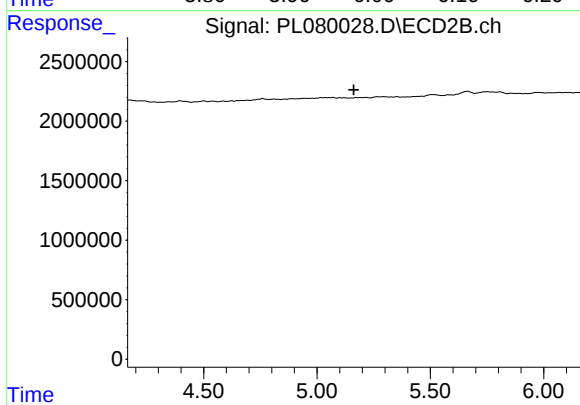
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 52238  
Conc: 0.02 ng/ml



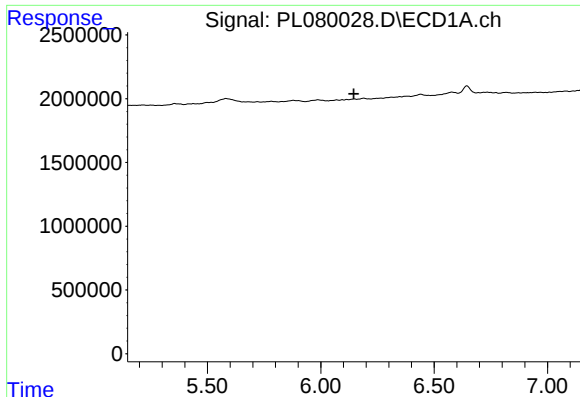
#12 4,4'-DDE

R.T.: 5.988 min  
Delta R.T.: -0.013 min  
Response: 311311  
Conc: 0.21 ng/ml



#12 4,4'-DDE

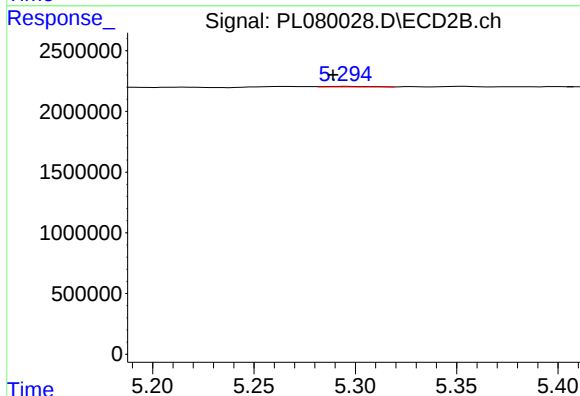
R.T.: 5.173 min  
Delta R.T.: 0.010 min  
Response: -13387  
Conc: N.D.



#13 Dieldrin

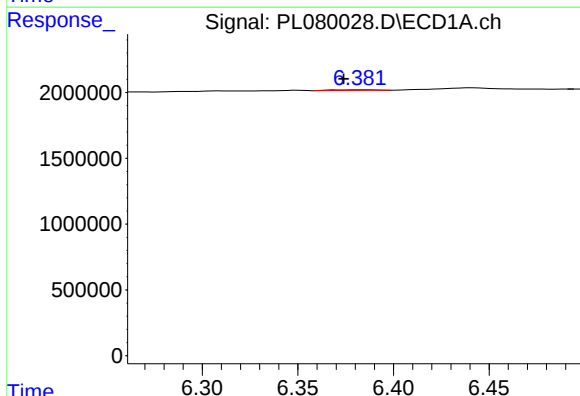
R.T.: 0.000 min  
Exp R.T.: 6.146 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



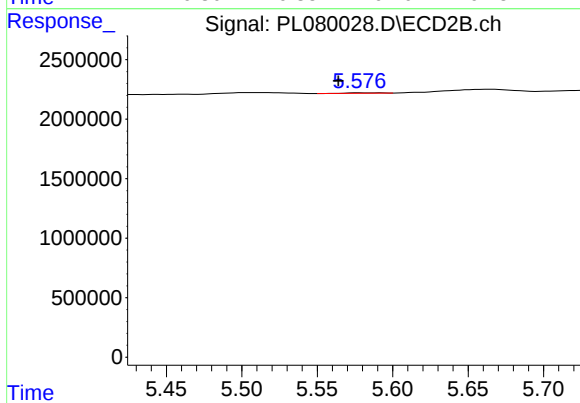
#13 Dieldrin

R.T.: 5.295 min  
Delta R.T.: 0.006 min  
Response: 67808  
Conc: 0.03 ng/ml



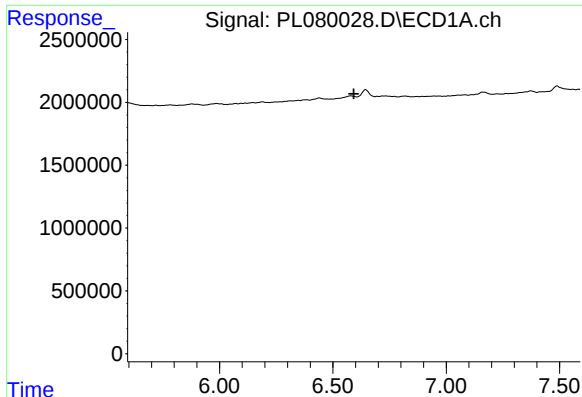
#14 Endrin

R.T.: 6.384 min  
Delta R.T.: 0.010 min  
Response: 79018  
Conc: 0.06 ng/ml



#14 Endrin

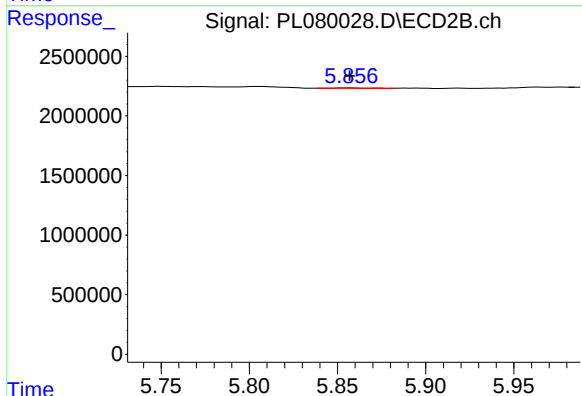
R.T.: 5.578 min  
Delta R.T.: 0.014 min  
Response: 48022  
Conc: 0.03 ng/ml



#15 Endosulfan II

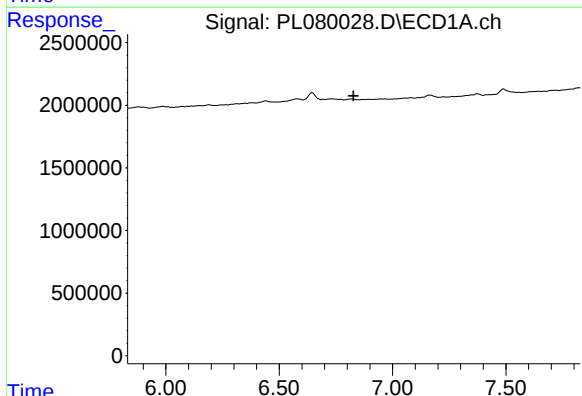
R.T.: 6.578 min  
Delta R.T.: -0.014 min  
Response: 538913  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



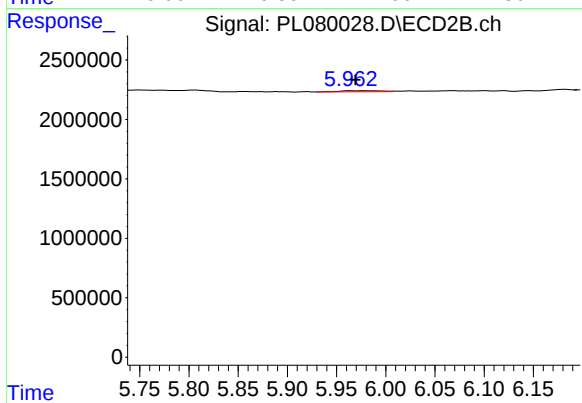
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 51709  
Conc: 0.03 ng/ml



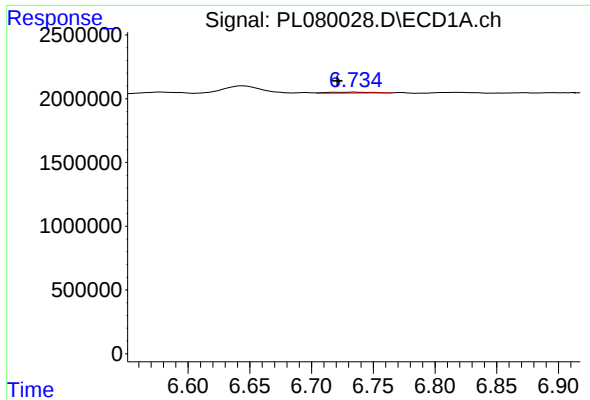
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.828 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

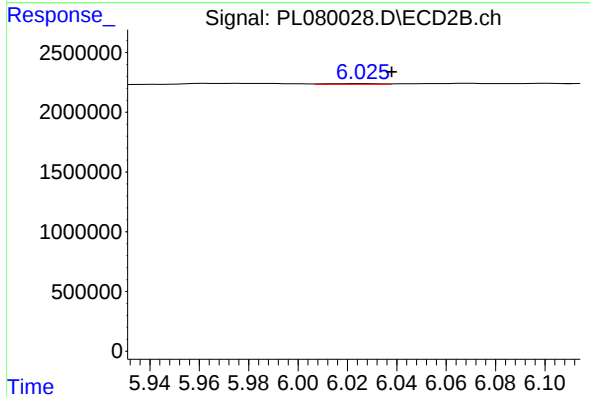
R.T.: 5.964 min  
Delta R.T.: -0.005 min  
Response: 279985  
Conc: 0.21 ng/ml



#18 Endrin aldehyde

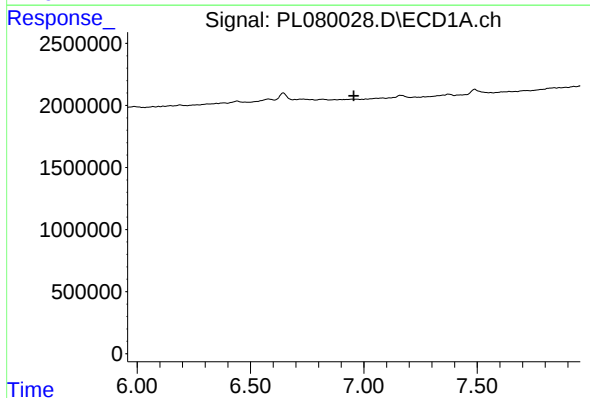
R.T.: 6.735 min  
Delta R.T.: 0.014 min  
Response: 196706  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



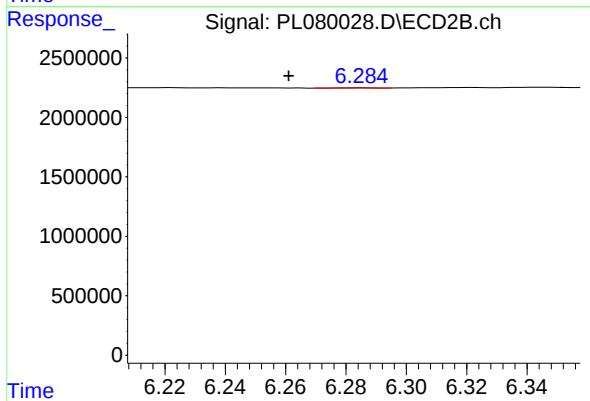
#18 Endrin aldehyde

R.T.: 6.027 min  
Delta R.T.: -0.011 min  
Response: 91107  
Conc: 0.07 ng/ml



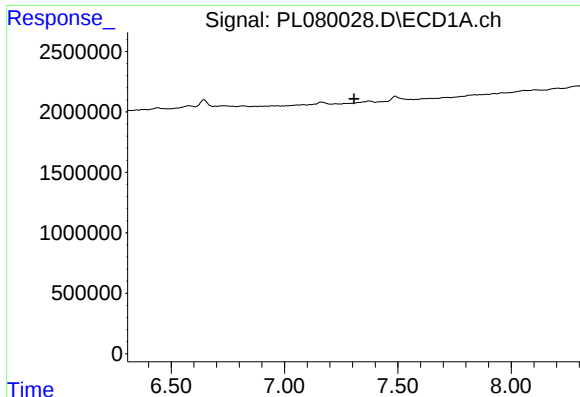
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.956 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

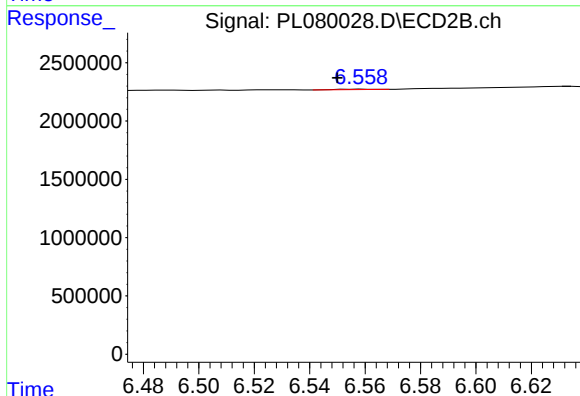
R.T.: 6.286 min  
Delta R.T.: 0.025 min  
Response: 26613  
Conc: 0.02 ng/ml



#20 Methoxychlor

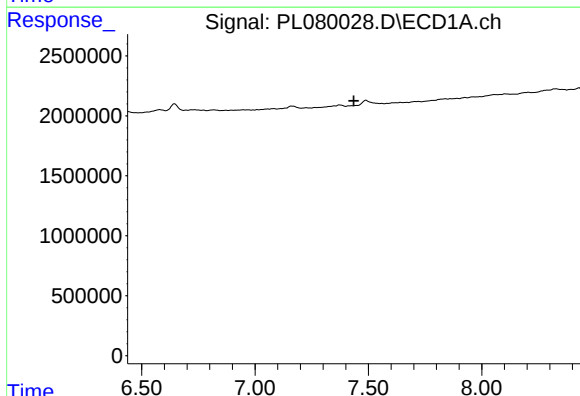
R.T.: 0.000 min  
Exp R.T.: 7.307 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



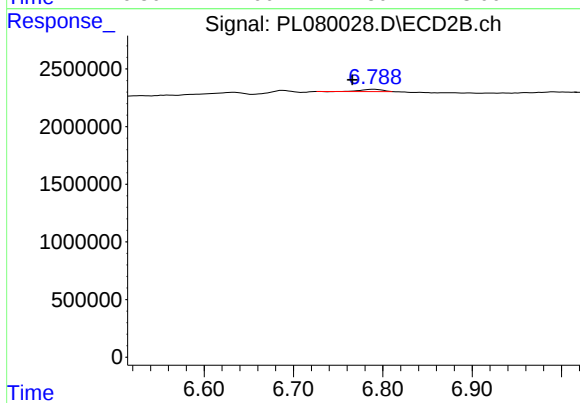
#20 Methoxychlor

R.T.: 6.559 min  
Delta R.T.: 0.009 min  
Response: 37877  
Conc: 0.05 ng/ml



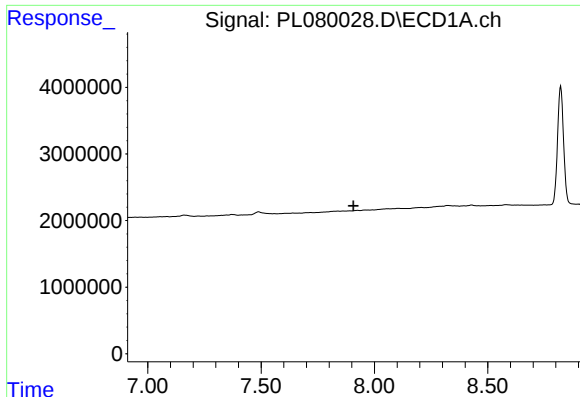
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.436 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

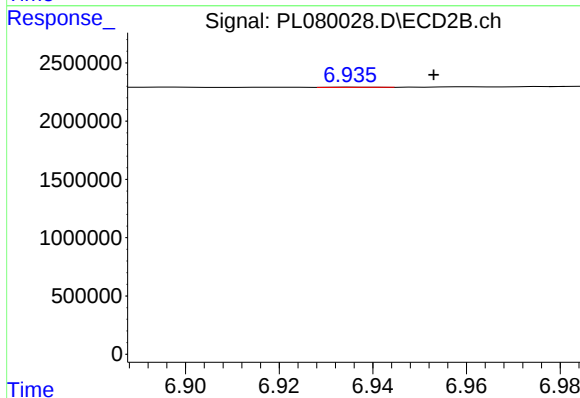
R.T.: 6.790 min  
Delta R.T.: 0.024 min  
Response: 315376  
Conc: 0.17 ng/ml



#22 Mirex

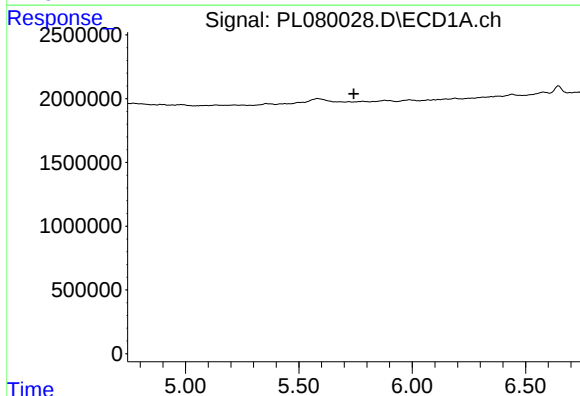
R.T.: 0.000 min  
Exp R.T. : 7.908 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



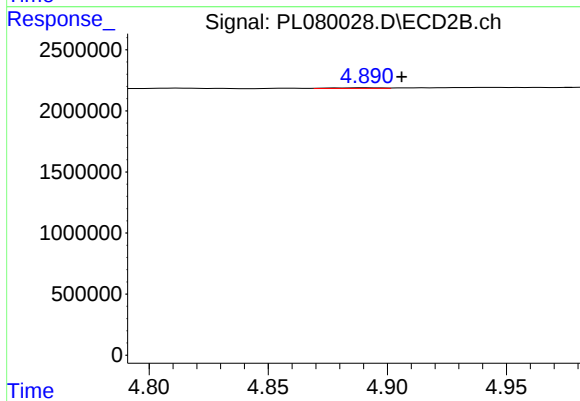
#22 Mirex

R.T.: 6.937 min  
Delta R.T.: -0.016 min  
Response: 9388  
Conc: 0.01 ng/ml



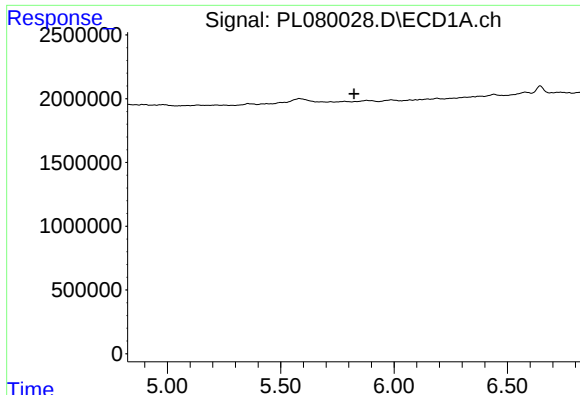
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.742 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

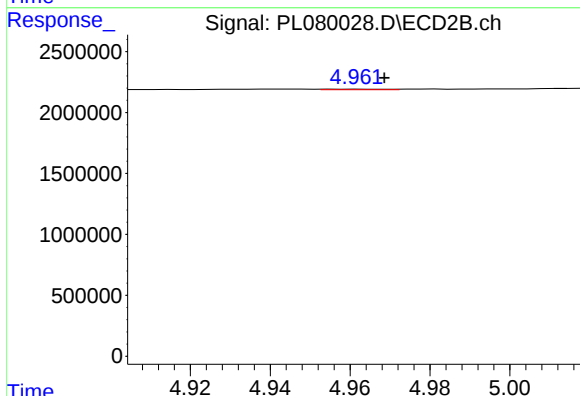
R.T.: 4.891 min  
Delta R.T.: -0.015 min  
Response: 88742  
Conc: 0.44 ng/ml



#26 Chlordane-4

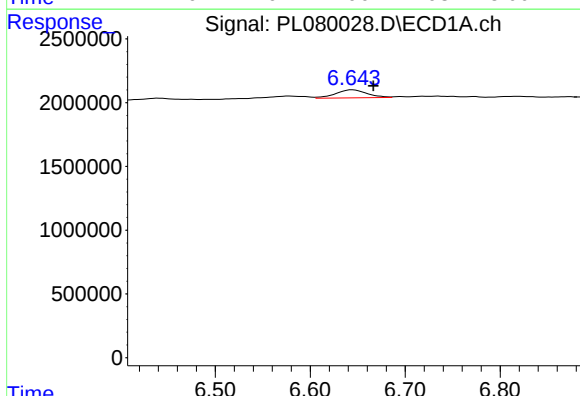
R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



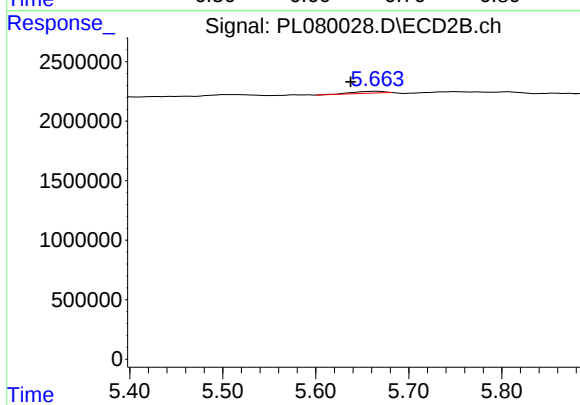
#26 Chlordane-4

R.T.: 4.962 min  
Delta R.T.: -0.006 min  
Response: 52238  
Conc: 0.26 ng/ml



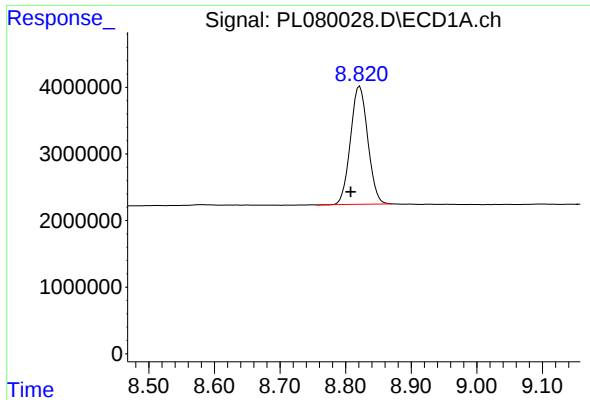
#27 Chlordane-5

R.T.: 6.644 min  
Delta R.T.: -0.022 min  
Response: 1460856  
Conc: 26.98 ng/ml



#27 Chlordane-5

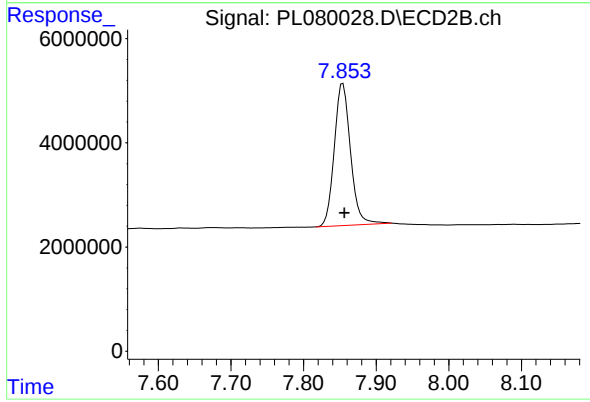
R.T.: 5.665 min  
Delta R.T.: 0.027 min  
Response: 387078  
Conc: 7.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.822 min  
Delta R.T.: 0.014 min  
Response: 32524624  
Conc: 23.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.854 min  
Delta R.T.: -0.002 min  
Response: 42466141  
Conc: 25.40 ng/ml