

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050123\  
 Data File : PL082410.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 May 2023 14:54  
 Operator : AR\AJ  
 Sample : 02557-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

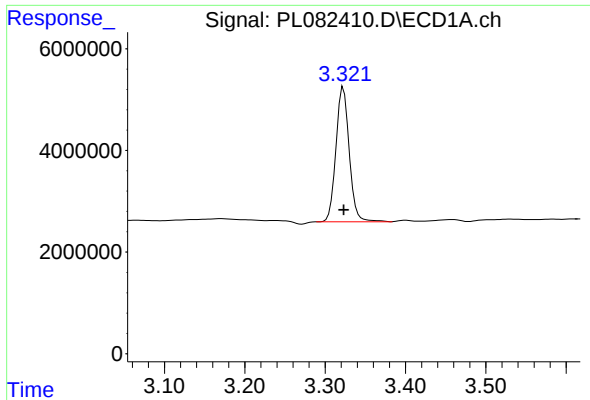
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 21:26:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 2023  
 Response via : Initial Calibration  
 Integrator: 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... | 3.323  | 2.646  | 30524591 | 26191096 | 11.427 | 11.305   |
| 28)                         | SA Decachlor... | 8.745  | 7.759  | 29957691 | 30484825 | 15.692 | 13.356   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.109  | 3.491f | 420546   | 581731   | 0.112  | 0.181 #  |
| 4)                          | MA Heptachlor   | 4.676  | 3.819  | 243309   | 155579   | 0.067  | 0.045 #  |
| 5)                          | MB Aldrin       | 5.014  | 4.086  | 318995   | 743272   | 0.097  | 0.236 #  |
| 6)                          | B beta-BHC      | 4.307  | 3.772  | 3657705  | 69026    | 2.145  | 0.051 #  |
| 7)                          | B delta-BHC     | 4.539  | 4.005  | 1032480  | 312903   | 0.287  | 0.102 #  |
| 8)                          | B Heptachlo...  | 5.446  | 4.583  | 619521   | 48944    | 0.203  | 0.017 #  |
| 9)                          | A Endosulfan I  | 5.818  | 4.965  | 191070   | 163067   | 0.069  | 0.061    |
| 10)                         | B gamma-Chl...  | 5.687  | 4.848f | 568910   | 1237137  | 0.189  | 0.426 #  |
| 11)                         | B alpha-Chl...  | 5.785  | 4.888  | 347681   | 549969   | 0.116  | 0.189 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.216  | 0        | 792569   | N.D.   | 0.294 #  |
| 14)                         | MA Endrin       | 0.000  | 5.513f | 0        | 220134   | N.D.   | 0.090 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.883  | 0        | 233099   | N.D.   | 0.110 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.965  | 0        | 51199    | N.D.   | 0.027 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.180  | 0        | 185788   | N.D.   | 0.079 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.692  | 0        | 14158    | N.D.   | 0.006 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.637  | 0        | 2472623  | N.D.   | 27.881 # |
| 24)                         | Chlordane-2     | 4.986  | 0.000  | 859282   | 0        | 7.218  | N.D. #   |
| 25)                         | Chlordane-3     | 5.687  | 4.848  | 568910   | 1237137  | 1.318  | 4.354 #  |
| 26)                         | Chlordane-4     | 5.785  | 4.888  | 347681   | 549969   | 0.669  | 1.843 #  |
| 27)                         | Chlordane-5     | 6.602f | 0.000  | 409019   | 0        | 4.356  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

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

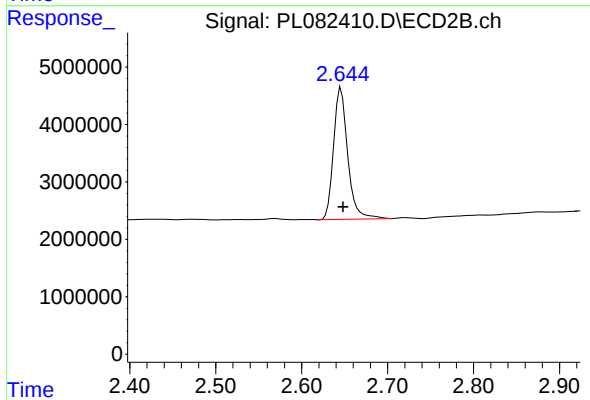




#1 Tetrachloro-m-xylene

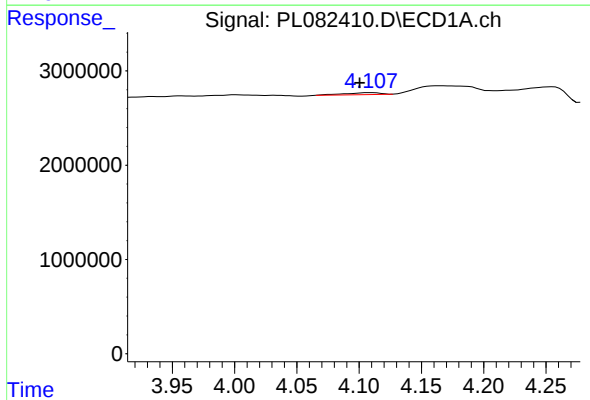
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 30524591  
Conc: 11.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



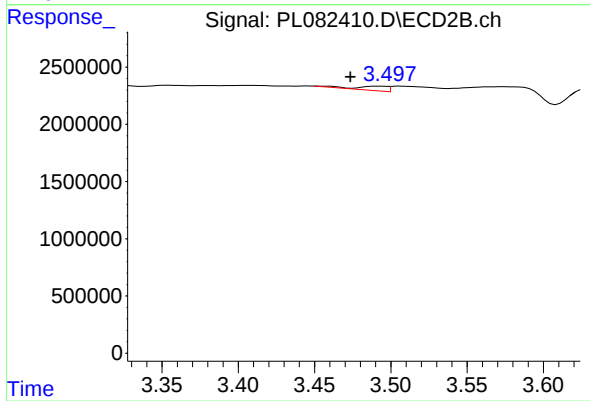
#1 Tetrachloro-m-xylene

R.T.: 2.646 min  
Delta R.T.: -0.002 min  
Response: 26191096  
Conc: 11.31 ng/ml



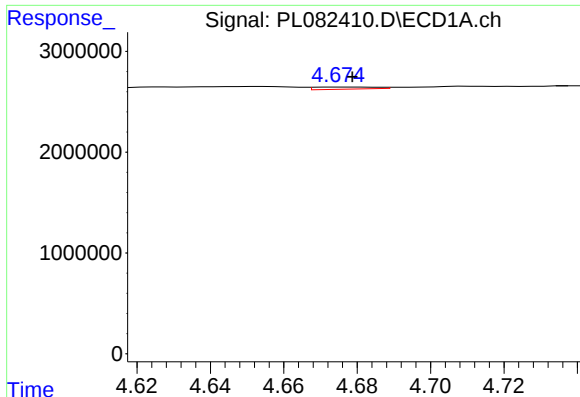
#3 gamma-BHC (Lindane)

R.T.: 4.109 min  
Delta R.T.: 0.009 min  
Response: 420546  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

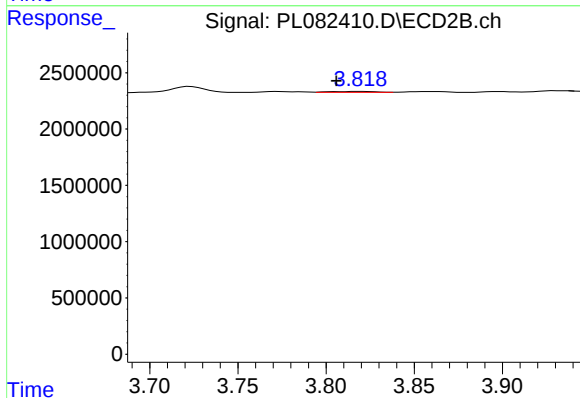
R.T.: 3.491 min  
Delta R.T.: 0.018 min  
Response: 581731  
Conc: 0.18 ng/ml



#4 Heptachlor

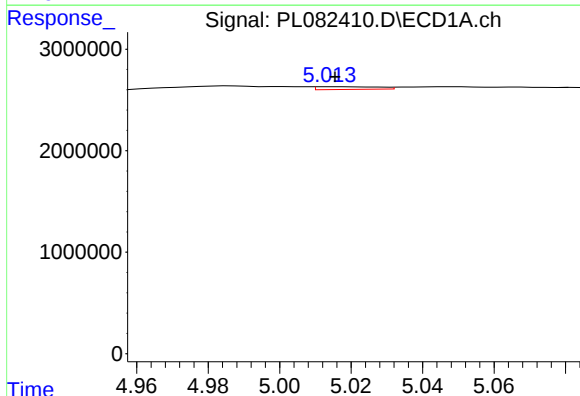
R.T.: 4.676 min  
Delta R.T.: -0.003 min  
Response: 243309  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



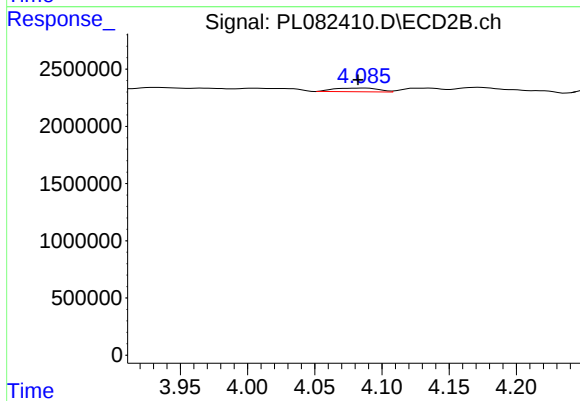
#4 Heptachlor

R.T.: 3.819 min  
Delta R.T.: 0.014 min  
Response: 155579  
Conc: 0.05 ng/ml



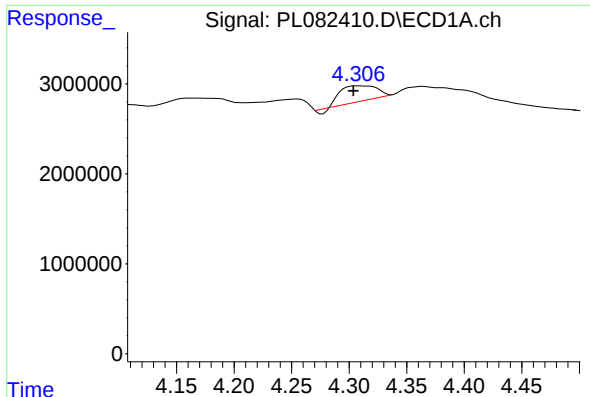
#5 Aldrin

R.T.: 5.014 min  
Delta R.T.: -0.001 min  
Response: 318995  
Conc: 0.10 ng/ml



#5 Aldrin

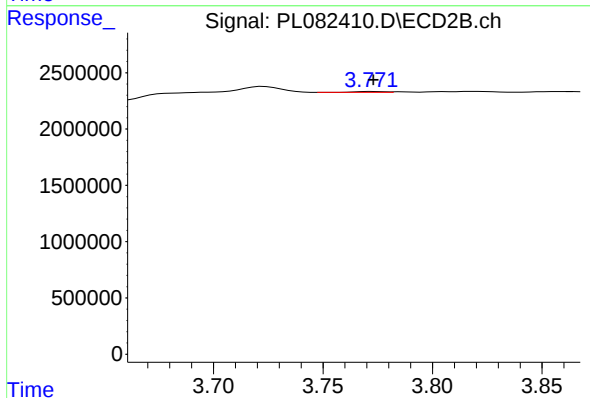
R.T.: 4.086 min  
Delta R.T.: 0.004 min  
Response: 743272  
Conc: 0.24 ng/ml



#6 beta-BHC

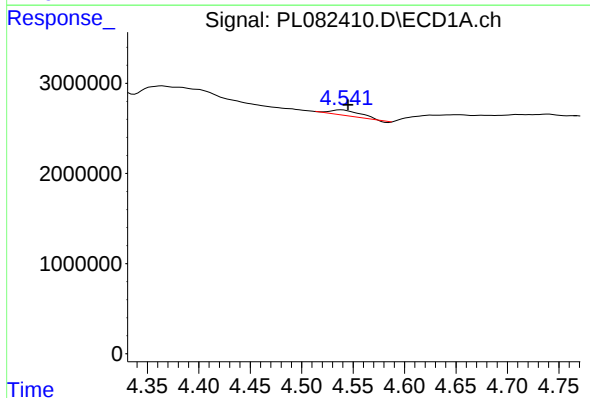
R.T.: 4.307 min  
Delta R.T.: 0.004 min  
Response: 3657705  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



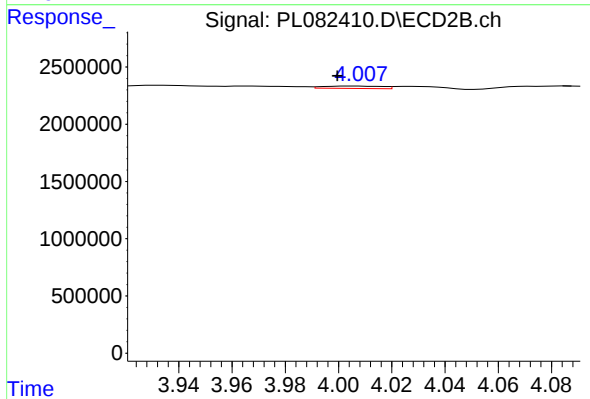
#6 beta-BHC

R.T.: 3.772 min  
Delta R.T.: 0.000 min  
Response: 69026  
Conc: 0.05 ng/ml



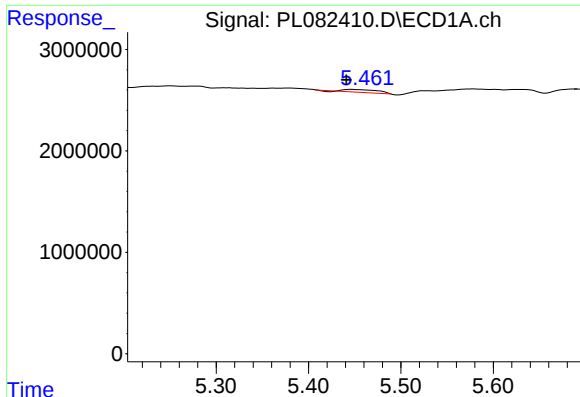
#7 delta-BHC

R.T.: 4.539 min  
Delta R.T.: -0.006 min  
Response: 1032480  
Conc: 0.29 ng/ml



#7 delta-BHC

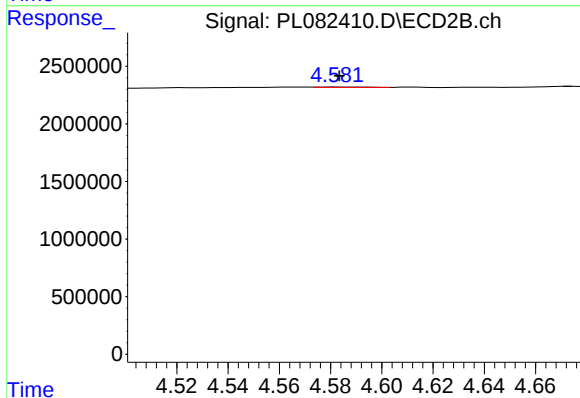
R.T.: 4.005 min  
Delta R.T.: 0.006 min  
Response: 312903  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

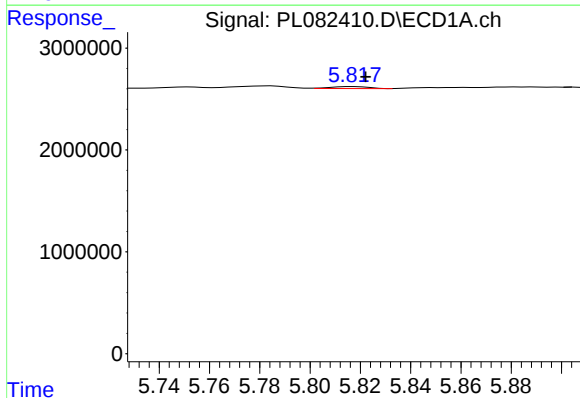
R.T.: 5.446 min  
Delta R.T.: 0.005 min  
Response: 619521  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



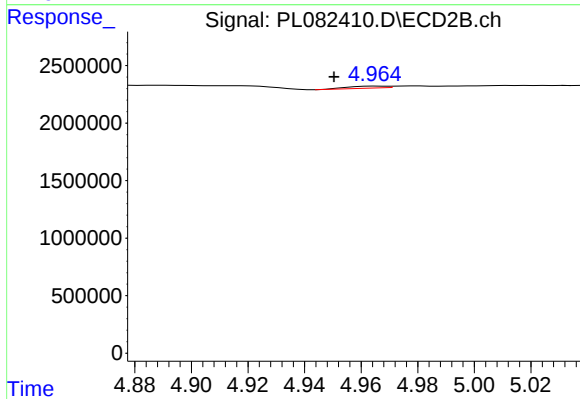
#8 Heptachlor epoxide

R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 48944  
Conc: 0.02 ng/ml



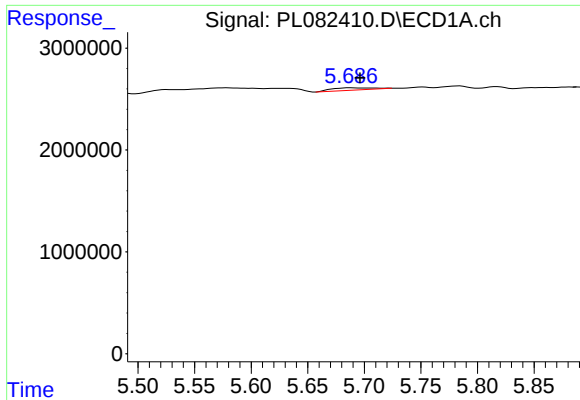
#9 Endosulfan I

R.T.: 5.818 min  
Delta R.T.: -0.004 min  
Response: 191070  
Conc: 0.07 ng/ml



#9 Endosulfan I

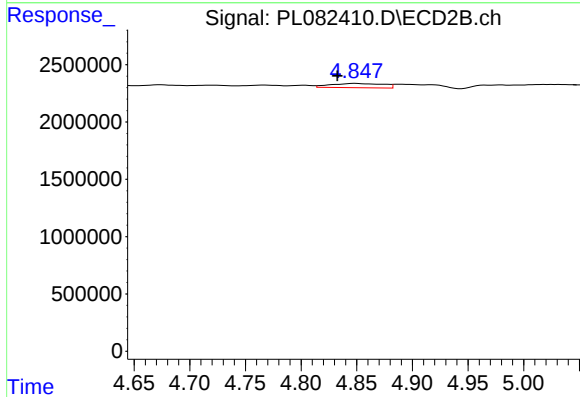
R.T.: 4.965 min  
Delta R.T.: 0.015 min  
Response: 163067  
Conc: 0.06 ng/ml



#10 gamma-Chlordane

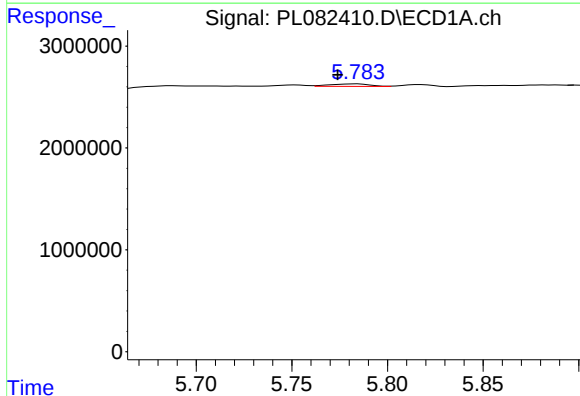
R.T.: 5.687 min  
Delta R.T.: -0.009 min  
Response: 568910  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



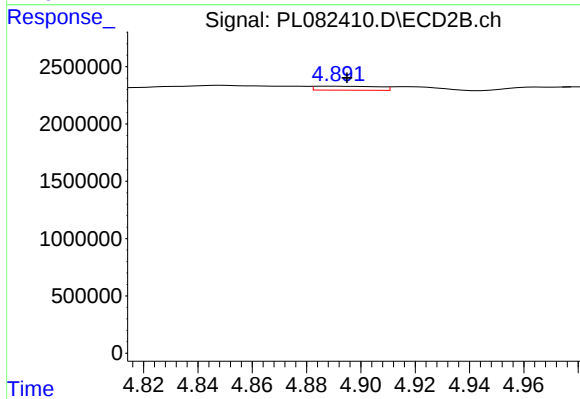
#10 gamma-Chlordane

R.T.: 4.848 min  
Delta R.T.: 0.016 min  
Response: 1237137  
Conc: 0.43 ng/ml



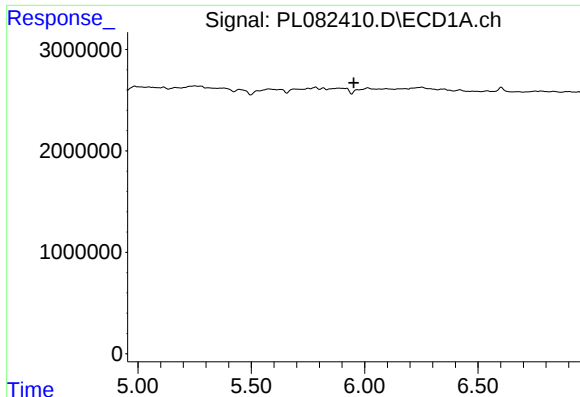
#11 alpha-Chlordane

R.T.: 5.785 min  
Delta R.T.: 0.010 min  
Response: 347681  
Conc: 0.12 ng/ml



#11 alpha-Chlordane

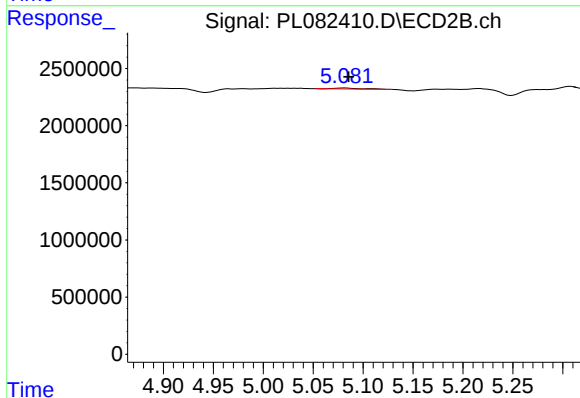
R.T.: 4.888 min  
Delta R.T.: -0.007 min  
Response: 549969  
Conc: 0.19 ng/ml



#12 4,4'-DDE

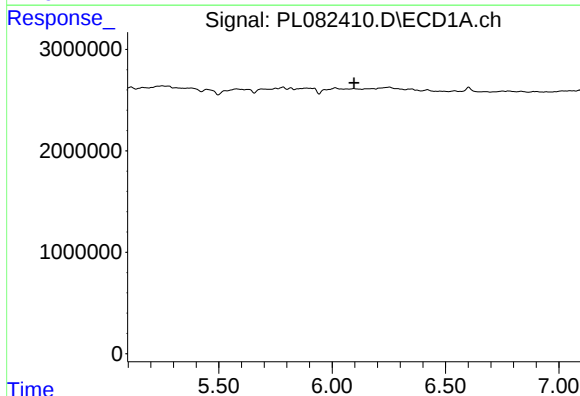
R.T.: 5.967 min  
Delta R.T.: 0.015 min  
Response: -370774  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



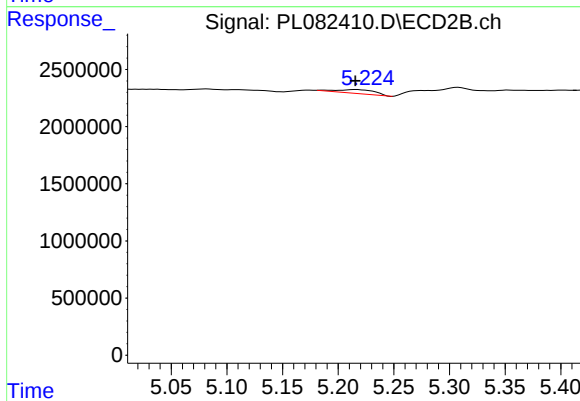
#12 4,4'-DDE

R.T.: 5.082 min  
Delta R.T.: -0.003 min  
Response: 149067  
Conc: 0.06 ng/ml



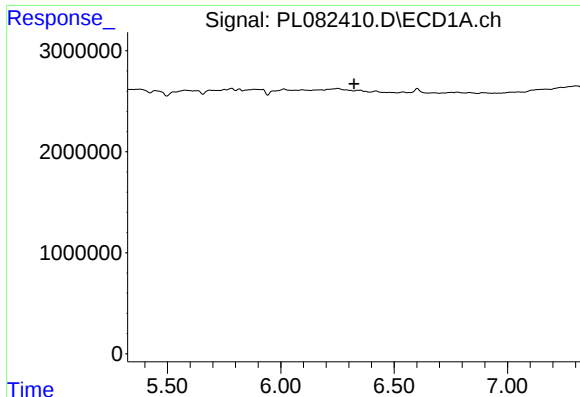
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.097 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

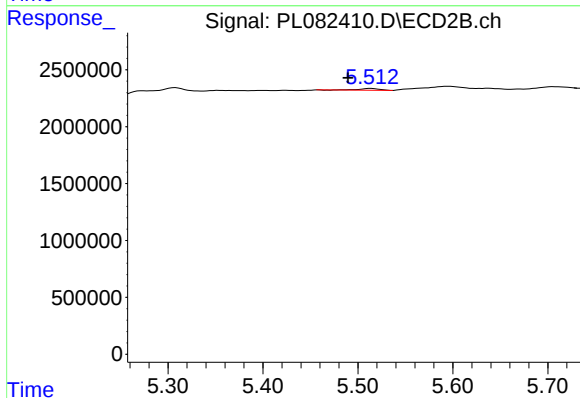
R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 792569  
Conc: 0.29 ng/ml



#14 Endrin

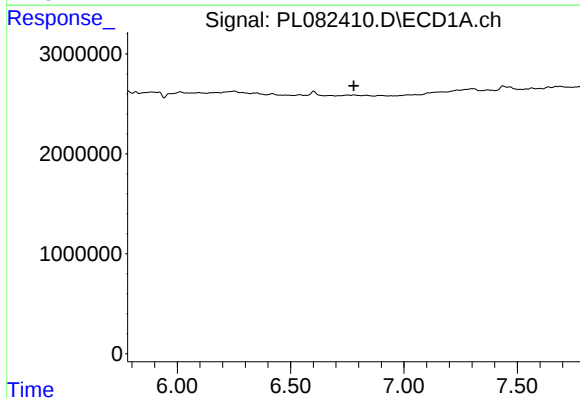
R.T.: 0.000 min  
Exp R.T.: 6.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



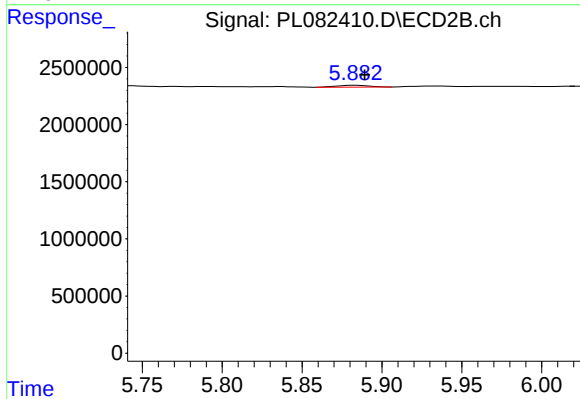
#14 Endrin

R.T.: 5.513 min  
Delta R.T.: 0.024 min  
Response: 220134  
Conc: 0.09 ng/ml



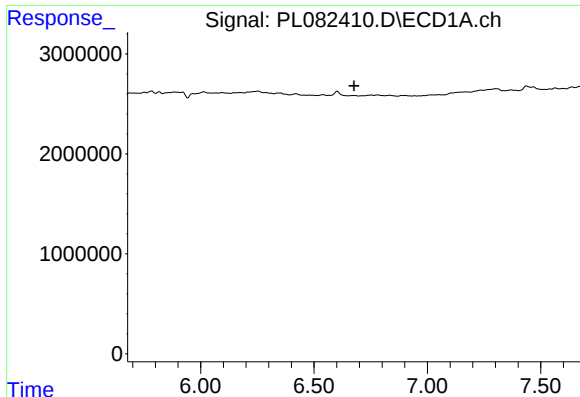
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

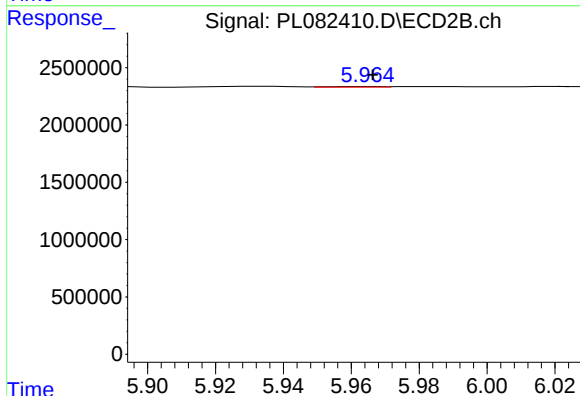
R.T.: 5.883 min  
Delta R.T.: -0.006 min  
Response: 233099  
Conc: 0.11 ng/ml



#18 Endrin aldehyde

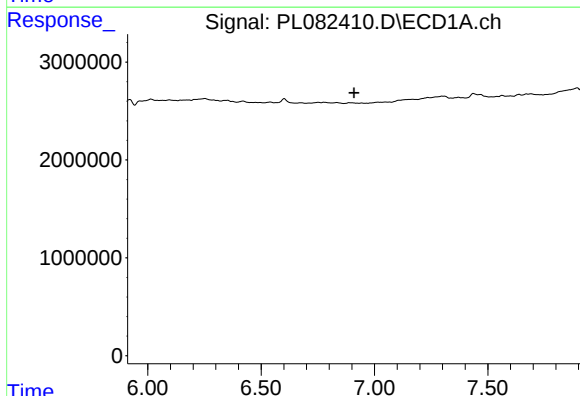
R.T.: 0.000 min  
Exp R.T.: 6.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



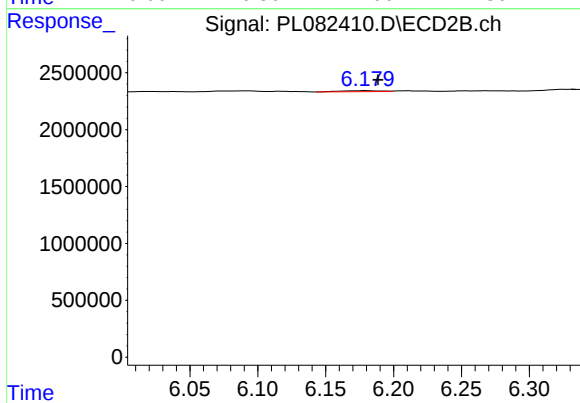
#18 Endrin aldehyde

R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 51199  
Conc: 0.03 ng/ml



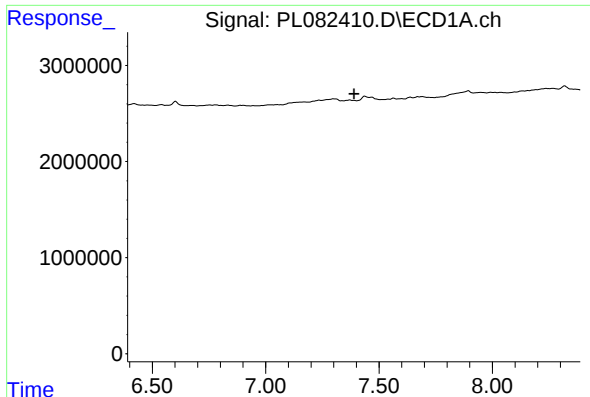
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.910 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

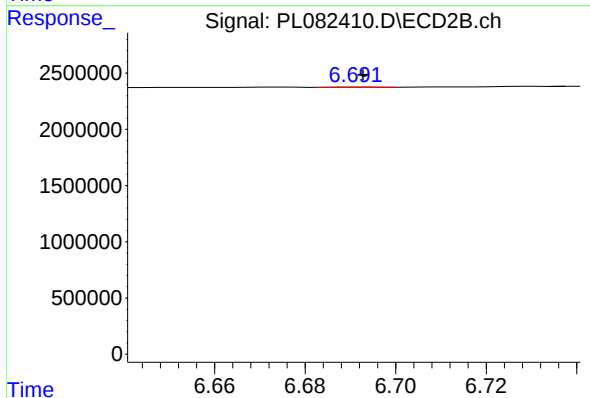
R.T.: 6.180 min  
Delta R.T.: -0.008 min  
Response: 185788  
Conc: 0.08 ng/ml



#21 Endrin ketone

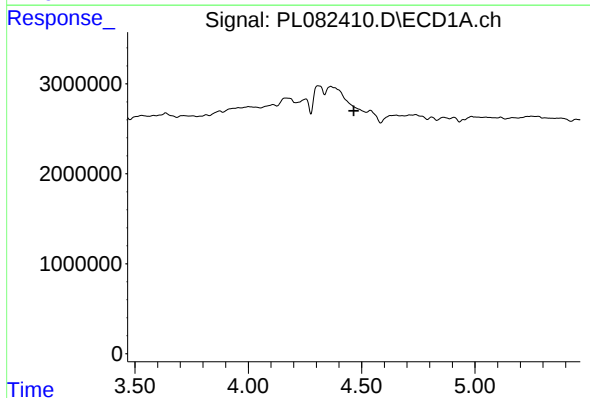
R.T.: 0.000 min  
Exp R.T.: 7.390 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



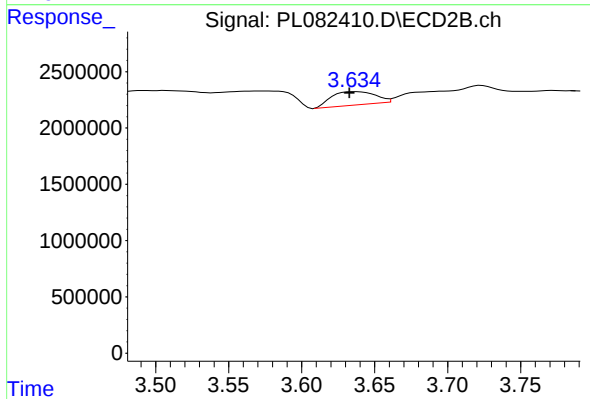
#21 Endrin ketone

R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 14158  
Conc: 0.01 ng/ml



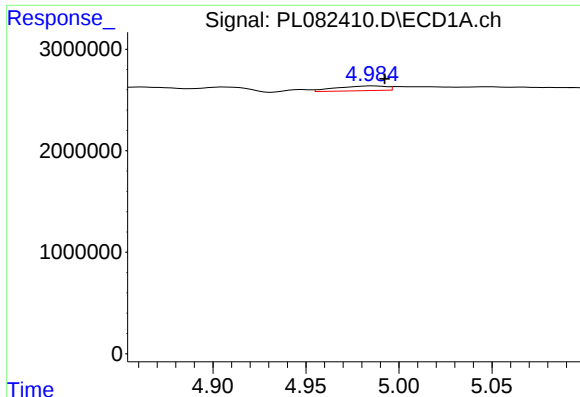
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

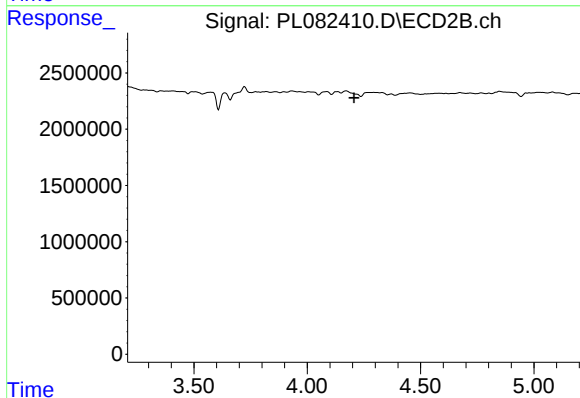
R.T.: 3.637 min  
Delta R.T.: 0.004 min  
Response: 2472623  
Conc: 27.88 ng/ml



#24 Chlordane-2

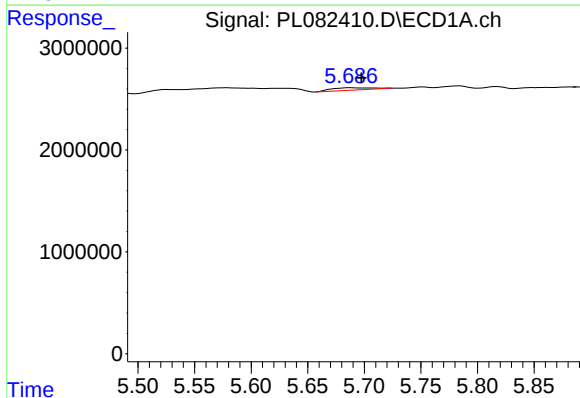
R.T.: 4.986 min  
Delta R.T.: -0.007 min  
Response: 859282  
Conc: 7.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



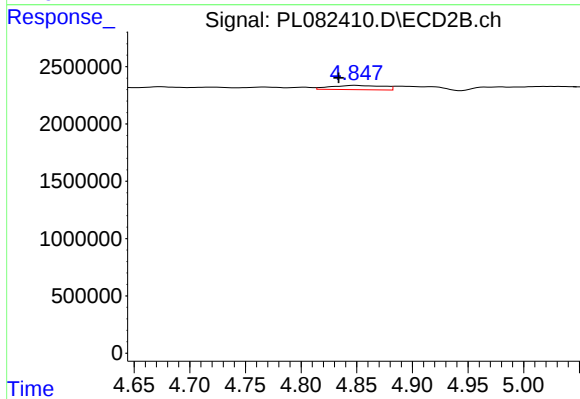
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.207 min  
Response: 0  
Conc: N.D.



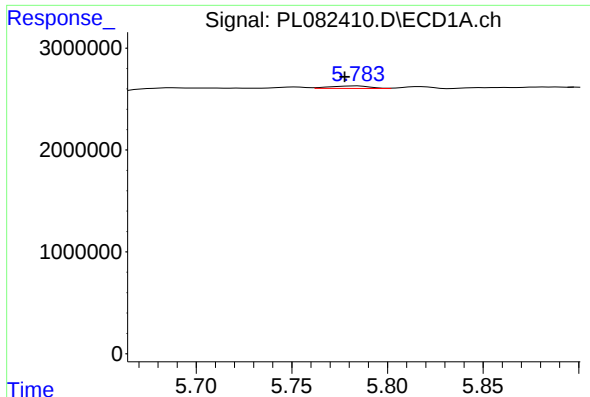
#25 Chlordane-3

R.T.: 5.687 min  
Delta R.T.: -0.010 min  
Response: 568910  
Conc: 1.32 ng/ml



#25 Chlordane-3

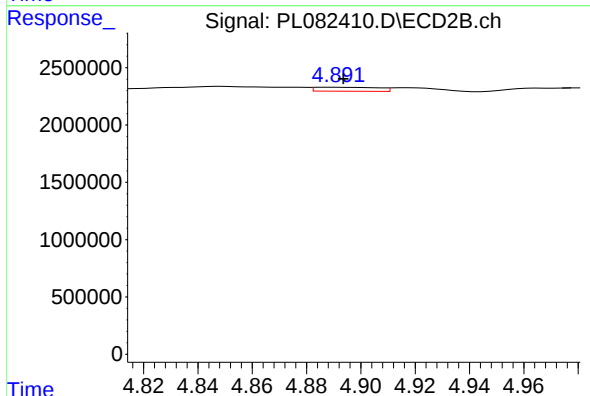
R.T.: 4.848 min  
Delta R.T.: 0.014 min  
Response: 1237137  
Conc: 4.35 ng/ml



#26 Chlordane-4

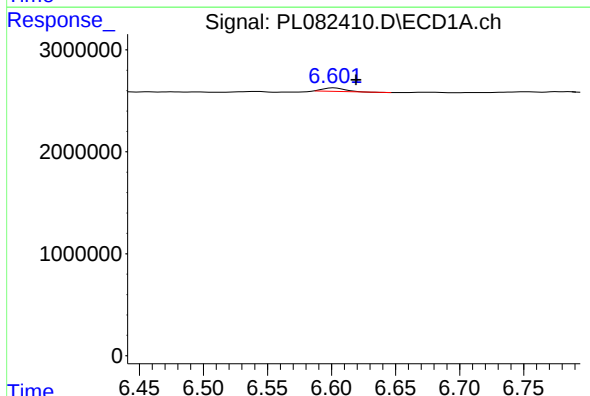
R.T.: 5.785 min  
Delta R.T.: 0.007 min  
Response: 347681  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



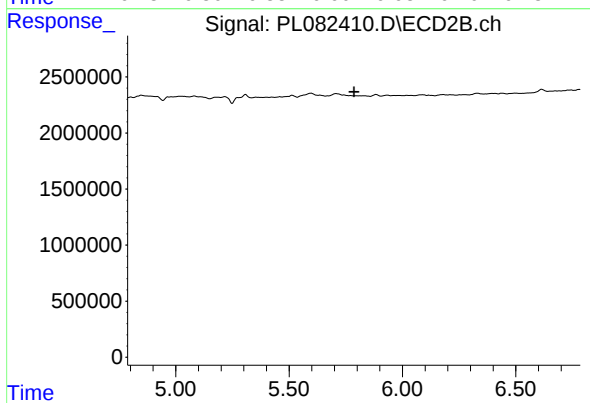
#26 Chlordane-4

R.T.: 4.888 min  
Delta R.T.: -0.005 min  
Response: 549969  
Conc: 1.84 ng/ml



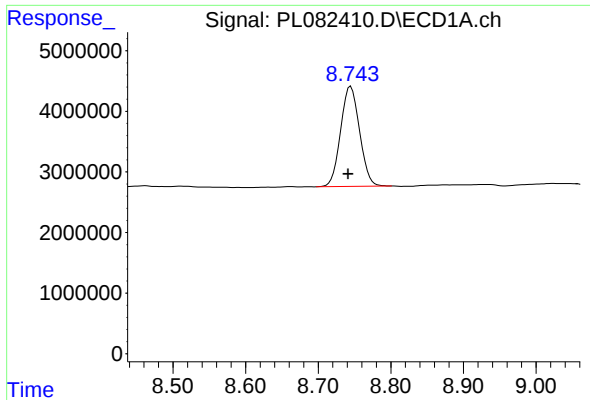
#27 Chlordane-5

R.T.: 6.602 min  
Delta R.T.: -0.017 min  
Response: 409019  
Conc: 4.36 ng/ml



#27 Chlordane-5

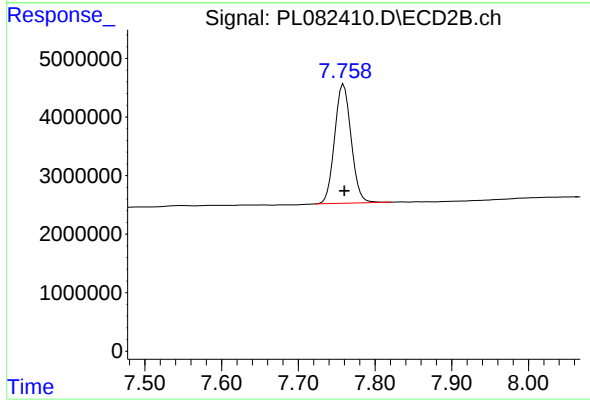
R.T.: 0.000 min  
Exp R.T. : 5.786 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.745 min  
Delta R.T.: 0.004 min  
Response: 29957691  
Conc: 15.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.759 min  
Delta R.T.: 0.000 min  
Response: 30484825  
Conc: 13.36 ng/ml