

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011423\  
 Data File : PL080306.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jan 2023 08:46  
 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: Jan 15 20:19:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 12 01:47:41 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... | 3.354  | 2.692  | 45813258 | 45597116 | 22.933  | 20.387  |
| 28)                         | SA Decachlor... | 8.795  | 7.844  | 31333184 | 41133251 | 21.237  | 18.299  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.802  | 3.193  | 30838227 | 29252608 | 10.677  | 9.132   |
| 3)                          | MA gamma-BHC... | 4.131  | 3.522  | 29683383 | 28257079 | 11.104  | 9.360   |
| 4)                          | MA Heptachlor   | 0.000  | 3.881f | 0        | 58747    | N.D.    | 0.018 # |
| 5)                          | MB Aldrin       | 0.000  | 4.149  | 0        | 442686   | N.D.    | 0.149 # |
| 6)                          | B beta-BHC      | 4.327  | 3.818  | 14675060 | 14662514 | 12.416  | 10.894  |
| 7)                          | B delta-BHC     | 4.572  | 4.051  | 1106117  | 182673   | 0.423   | 0.063 # |
| 8)                          | B Heptachlo...  | 5.478  | 4.647  | 753951   | 6536     | 0.340   | 0.002 # |
| 9)                          | A Endosulfan I  | 5.857  | 5.019  | 249105   | 290668   | 0.123   | 0.111   |
| 10)                         | B gamma-Chl...  | 5.732  | 4.908  | 285095   | 571252   | 0.130   | 0.200 # |
| 11)                         | B alpha-Chl...  | 5.791f | 4.962  | 21352    | 381517   | 0.010   | 0.133 # |
| 12)                         | B 4,4'-DDE      | 5.993  | 5.156  | 393865   | 209650   | 0.203   | 0.089 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.293  | 0        | 941944   | N.D.    | 0.346 # |
| 14)                         | MA Endrin       | 6.362  | 5.556  | 95183771 | 107.1E6  | 51.894  | 45.026  |
| 15)                         | B Endosulfa...  | 6.565  | 5.873f | 972004   | 558984   | 0.504   | 0.230 # |
| 16)                         | A 4,4'-DDD      | 6.505  | 5.708  | 5432995  | 4690602  | 3.433   | 2.531 # |
| 17)                         | MA 4,4'-DDT     | 6.818  | 5.960  | 182.6E6  | 211.8E6  | 103.523 | 100.500 |
| 18)                         | B Endrin al...  | 6.711  | 6.031  | 2526884  | 3725023  | 1.752   | 2.046   |
| 19)                         | B Endosulfa...  | 6.921f | 6.248  | 579577   | 226922   | 0.333   | 0.098 # |
| 20)                         | A Methoxychlor  | 7.296  | 6.538  | 240.1E6  | 277.0E6  | 269.526 | 230.477 |
| 21)                         | B Endrin ke...  | 7.424  | 6.757  | 6083229  | 7768462  | 3.265   | 3.085   |
| 22)                         | Mirex           | 7.919f | 6.912f | 552102   | 43147    | 0.390   | 0.019 # |
| 23)                         | Chlordane-1     | 0.000  | 3.688  | 0        | 46322    | N.D.    | 0.568 # |
| 24)                         | Chlordane-2     | 0.000  | 4.270  | 0        | 317357   | N.D.    | 3.028 # |
| 25)                         | Chlordane-3     | 5.732  | 4.908  | 285095   | 571252   | 0.878   | 2.001 # |
| 26)                         | Chlordane-4     | 5.791f | 4.962  | 21352    | 381517   | 0.053   | 1.334 # |
| -----                       |                 |        |        |          |          |         |         |

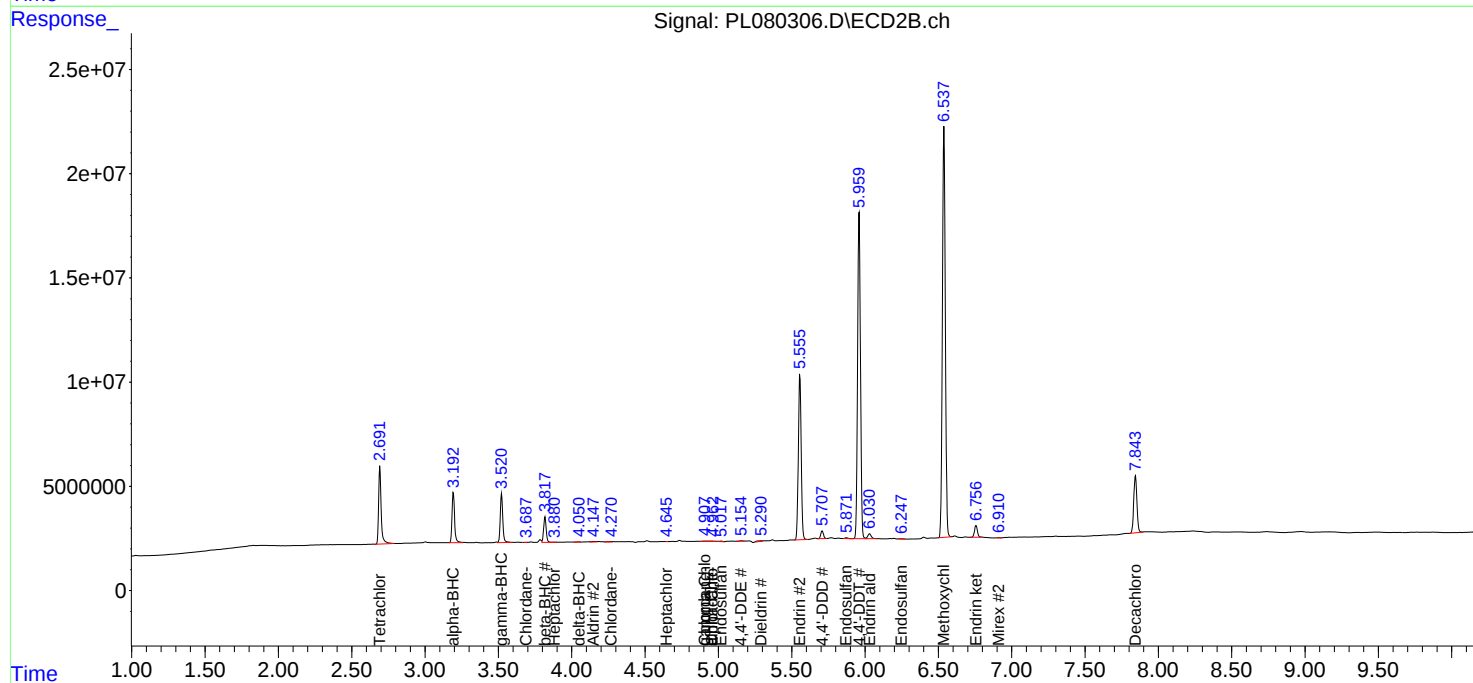
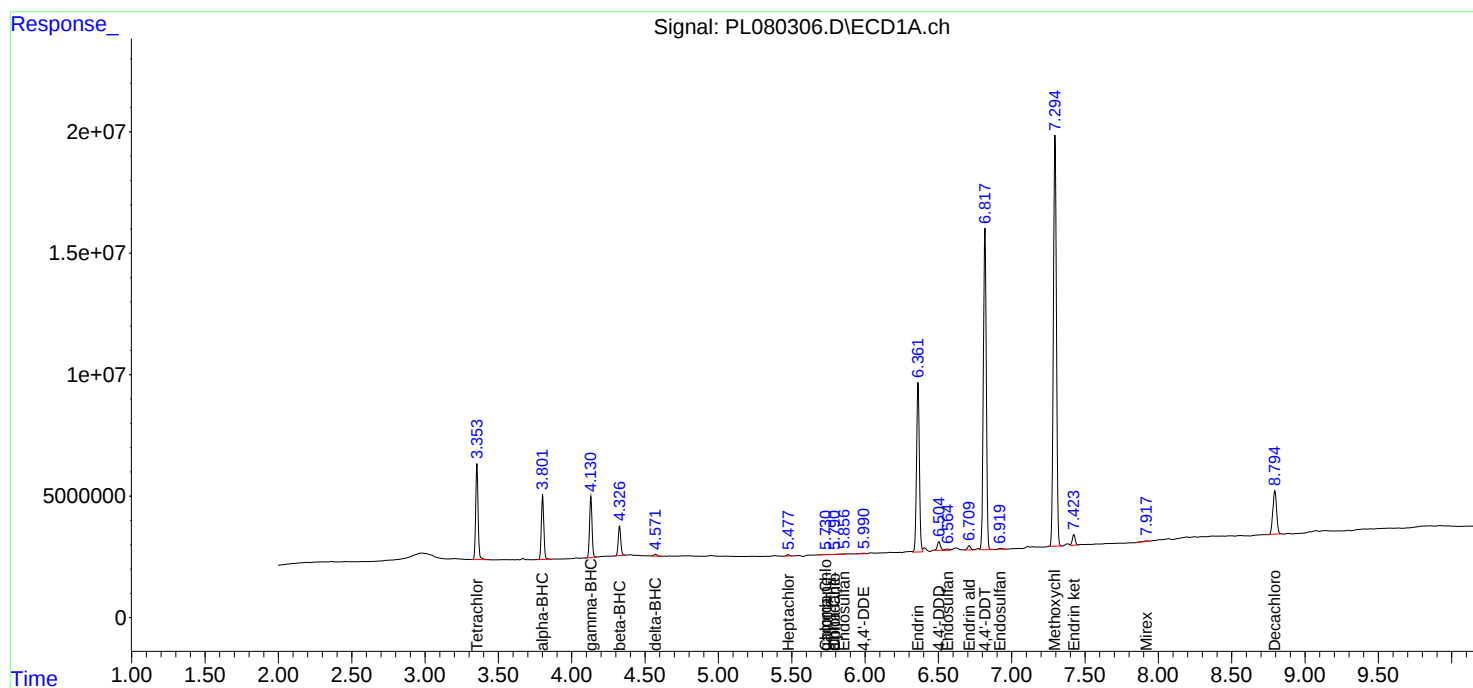
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

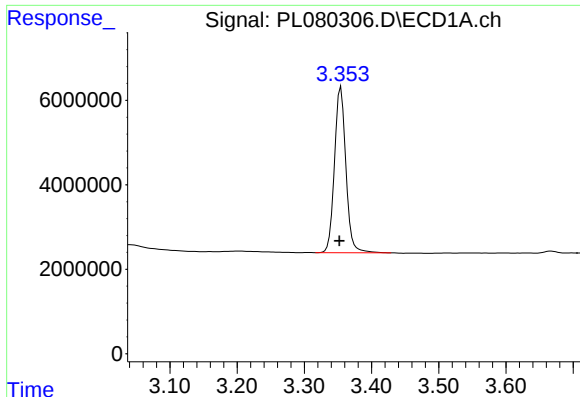
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011423\  
Data File : PL080306.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jan 2023 08:46  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 15 20:19:49 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 12 01:47:41 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

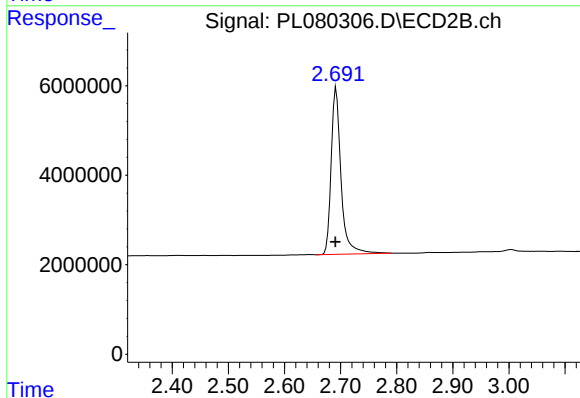




#1 Tetrachloro-m-xylene

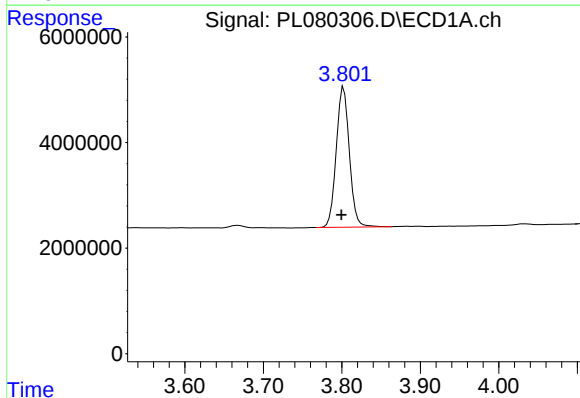
R.T.: 3.354 min  
Delta R.T.: 0.002 min  
Response: 45813258  
Conc: 22.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



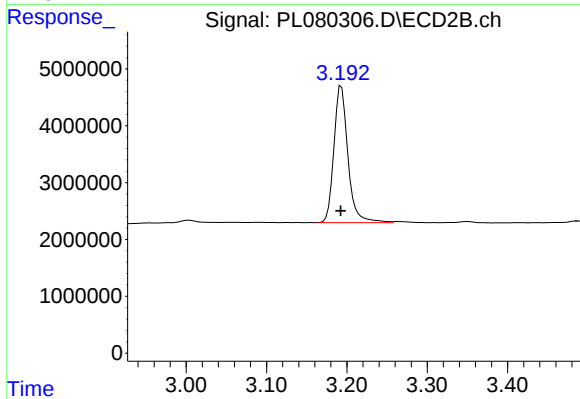
#1 Tetrachloro-m-xylene

R.T.: 2.692 min  
Delta R.T.: 0.002 min  
Response: 45597116  
Conc: 20.39 ng/ml



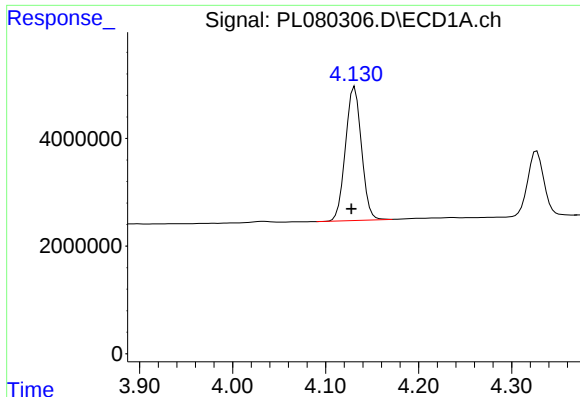
#2 alpha-BHC

R.T.: 3.802 min  
Delta R.T.: 0.003 min  
Response: 30838227  
Conc: 10.68 ng/ml



#2 alpha-BHC

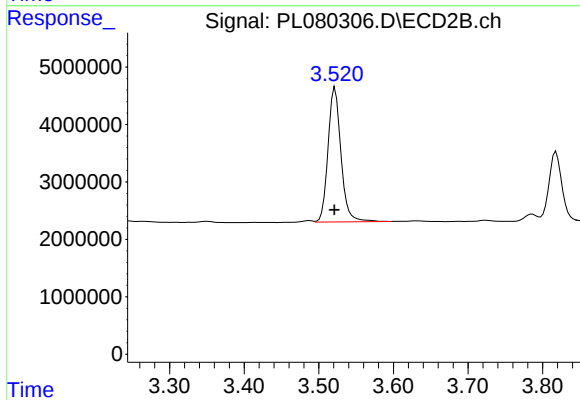
R.T.: 3.193 min  
Delta R.T.: 0.000 min  
Response: 29252608  
Conc: 9.13 ng/ml



#3 gamma-BHC (Lindane)

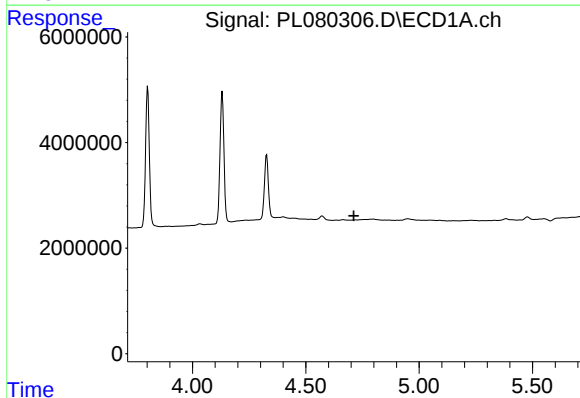
R.T.: 4.131 min  
Delta R.T.: 0.003 min  
Response: 29683383  
Conc: 11.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



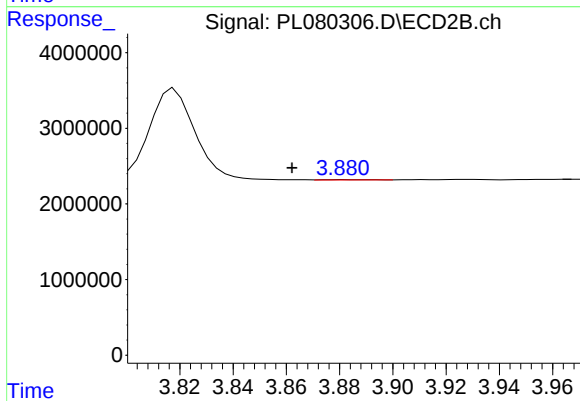
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: 0.000 min  
Response: 28257079  
Conc: 9.36 ng/ml



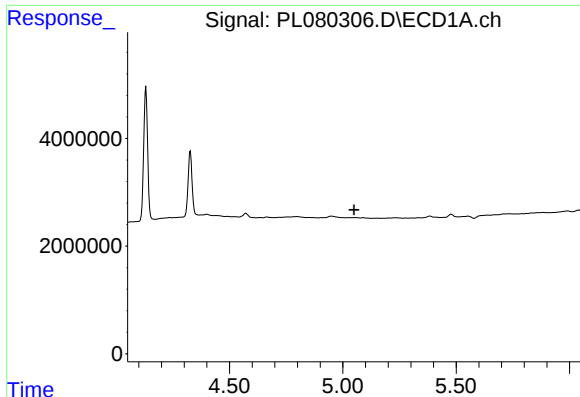
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.711 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

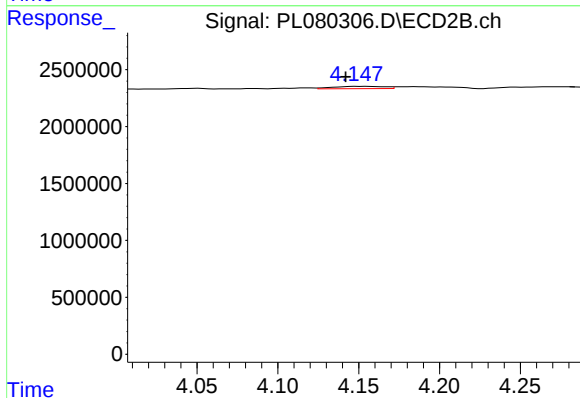
R.T.: 3.881 min  
Delta R.T.: 0.019 min  
Response: 58747  
Conc: 0.02 ng/ml



#5 Aldrin

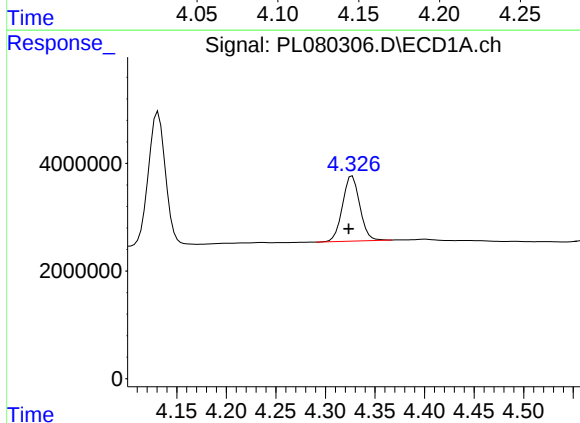
R.T.: 0.000 min  
Exp R.T.: 5.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



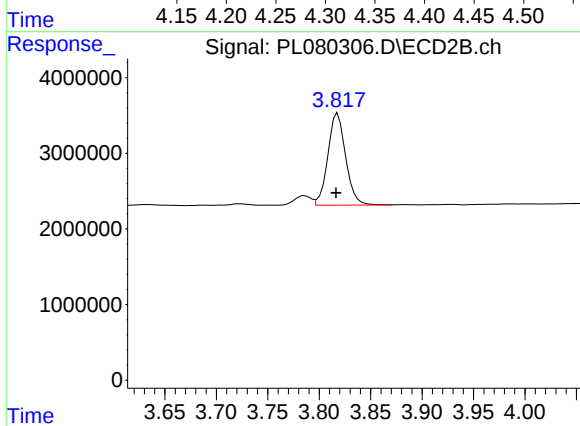
#5 Aldrin

R.T.: 4.149 min  
Delta R.T.: 0.007 min  
Response: 442686  
Conc: 0.15 ng/ml



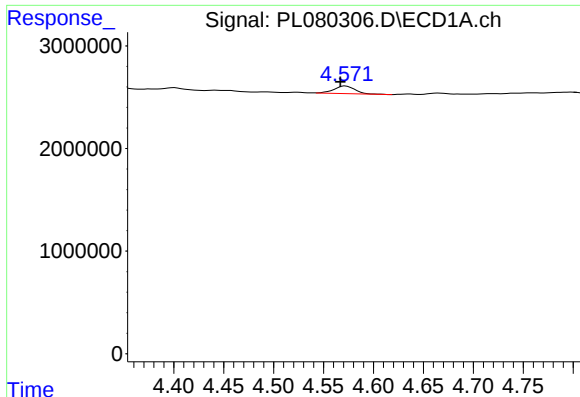
#6 beta-BHC

R.T.: 4.327 min  
Delta R.T.: 0.004 min  
Response: 14675060  
Conc: 12.42 ng/ml



#6 beta-BHC

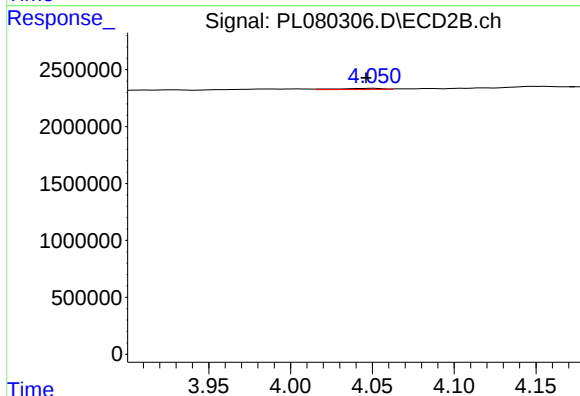
R.T.: 3.818 min  
Delta R.T.: 0.002 min  
Response: 14662514  
Conc: 10.89 ng/ml



#7 delta-BHC

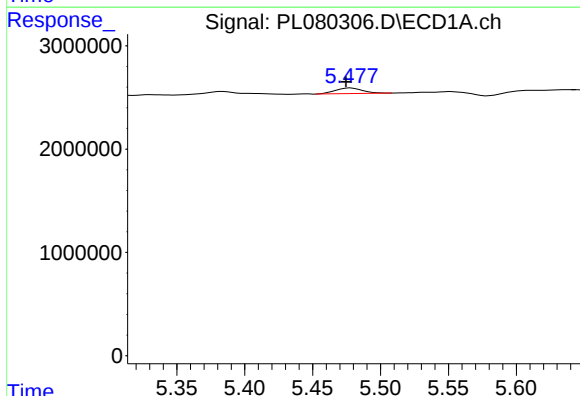
R.T.: 4.572 min  
Delta R.T.: 0.005 min  
Response: 1106117  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



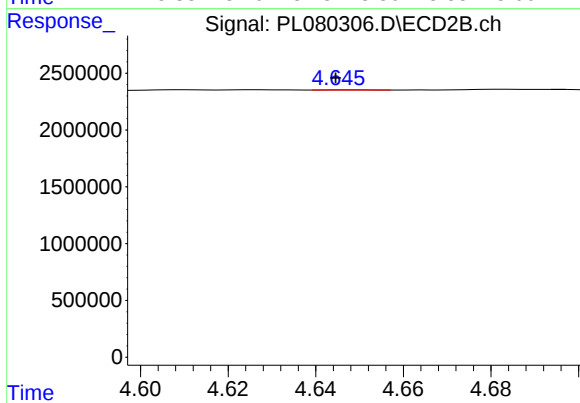
#7 delta-BHC

R.T.: 4.051 min  
Delta R.T.: 0.004 min  
Response: 182673  
Conc: 0.06 ng/ml



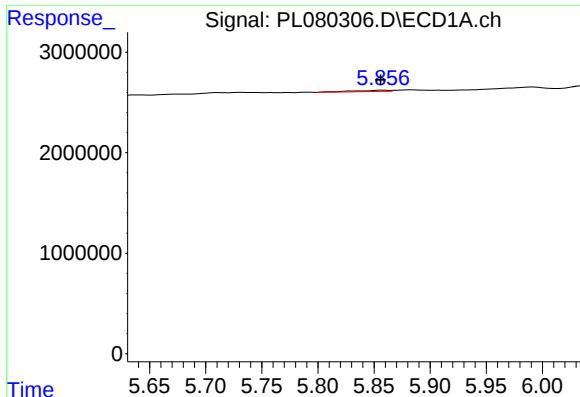
#8 Heptachlor epoxide

R.T.: 5.478 min  
Delta R.T.: 0.004 min  
Response: 753951  
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

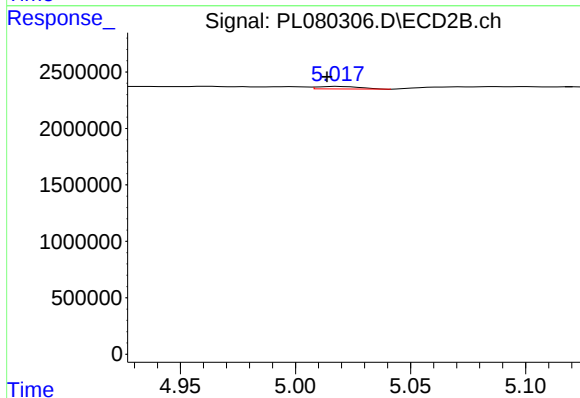
R.T.: 4.647 min  
Delta R.T.: 0.002 min  
Response: 6536  
Conc: 0.00 ng/ml



#9 Endosulfan I

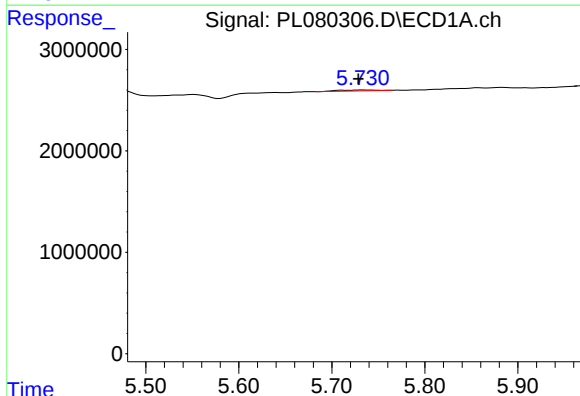
R.T.: 5.857 min  
Delta R.T.: 0.001 min  
Response: 249105  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



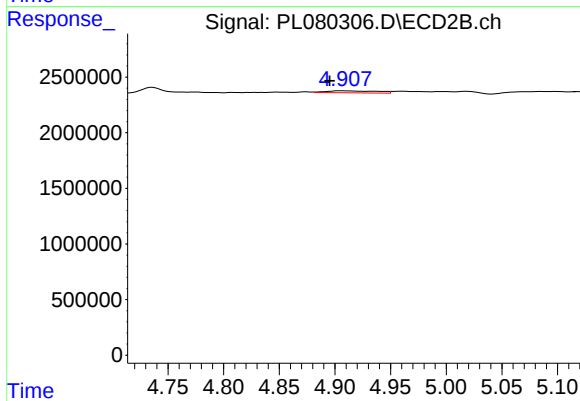
#9 Endosulfan I

R.T.: 5.019 min  
Delta R.T.: 0.005 min  
Response: 290668  
Conc: 0.11 ng/ml



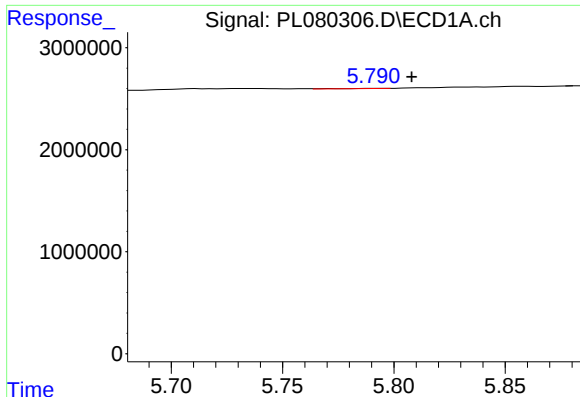
#10 gamma-Chlordane

R.T.: 5.732 min  
Delta R.T.: 0.004 min  
Response: 285095  
Conc: 0.13 ng/ml



#10 gamma-Chlordane

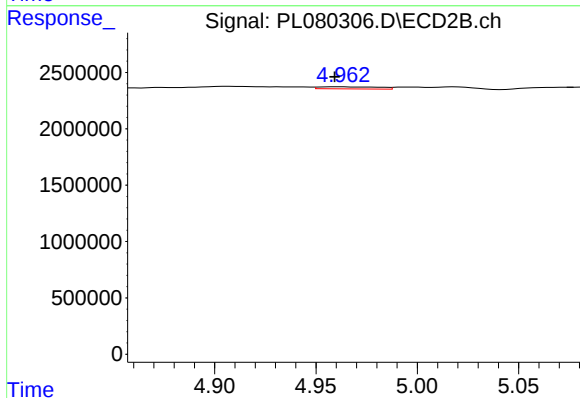
R.T.: 4.908 min  
Delta R.T.: 0.012 min  
Response: 571252  
Conc: 0.20 ng/ml



#11 alpha-Chlordane

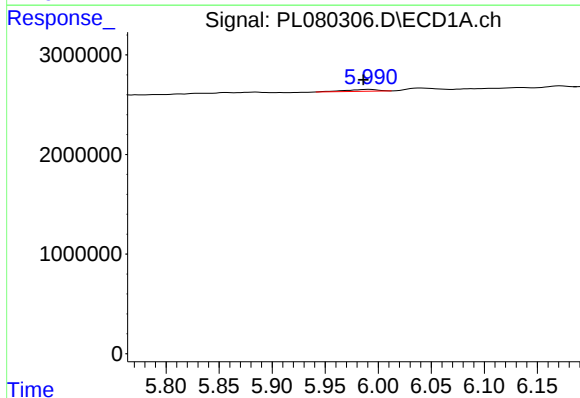
R.T.: 5.791 min  
Delta R.T.: -0.017 min  
Response: 21352  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



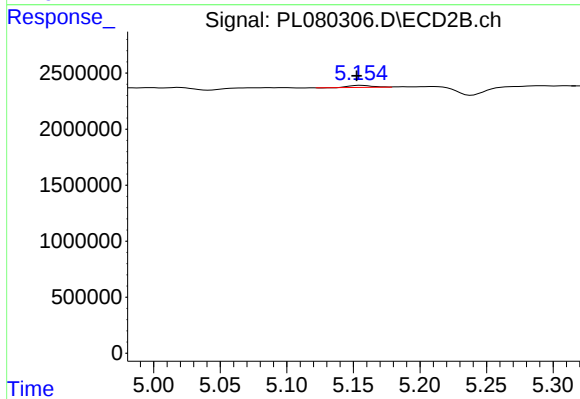
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: 0.003 min  
Response: 381517  
Conc: 0.13 ng/ml



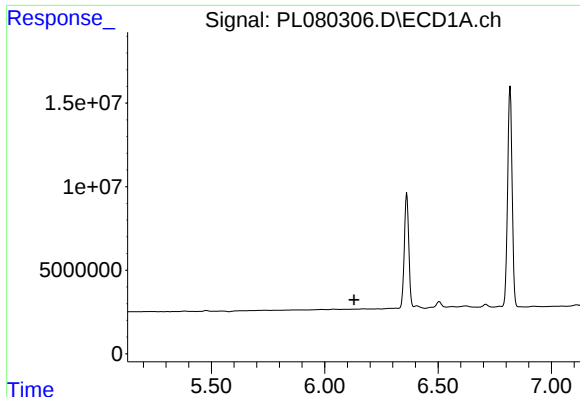
#12 4,4'-DDE

R.T.: 5.993 min  
Delta R.T.: 0.006 min  
Response: 393865  
Conc: 0.20 ng/ml



#12 4,4'-DDE

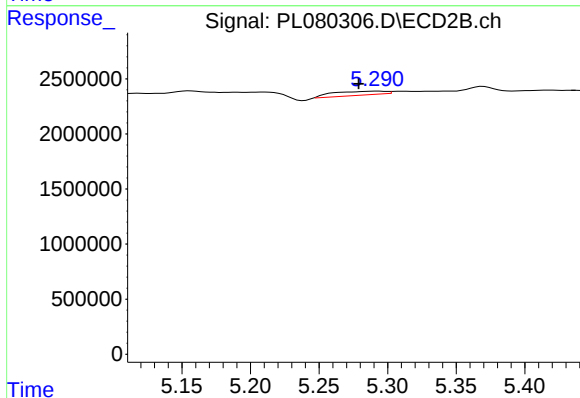
R.T.: 5.156 min  
Delta R.T.: 0.003 min  
Response: 209650  
Conc: 0.09 ng/ml



#13 Dieldrin

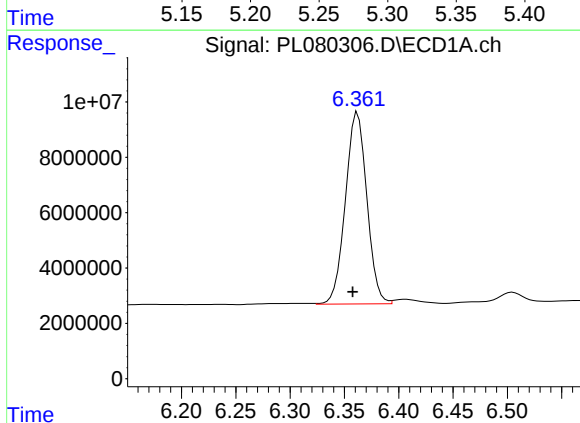
R.T.: 0.000 min  
Exp R.T.: 6.130 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



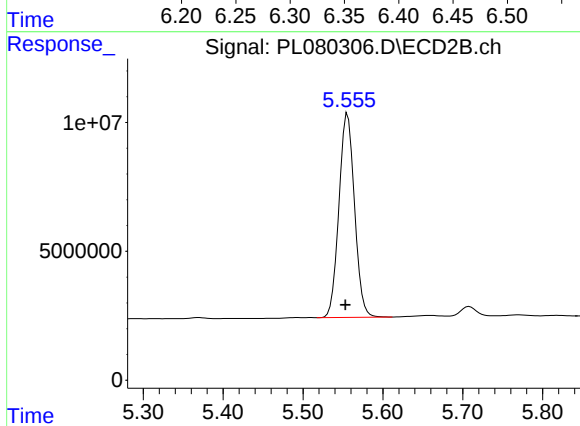
#13 Dieldrin

R.T.: 5.293 min  
Delta R.T.: 0.014 min  
Response: 941944  
Conc: 0.35 ng/ml



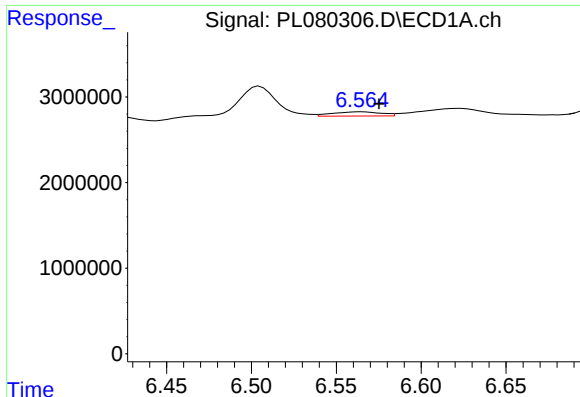
#14 Endrin

R.T.: 6.362 min  
Delta R.T.: 0.005 min  
Response: 95183771  
Conc: 51.89 ng/ml



#14 Endrin

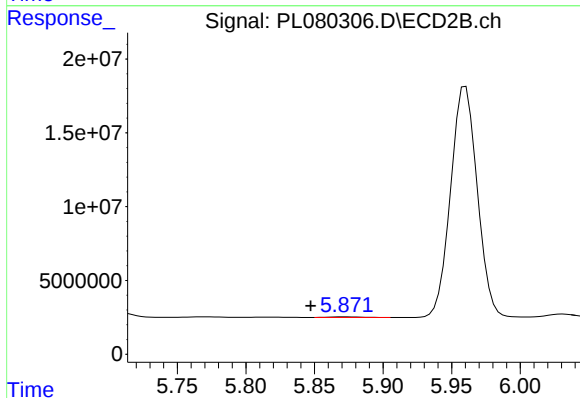
R.T.: 5.556 min  
Delta R.T.: 0.003 min  
Response: 107127733  
Conc: 45.03 ng/ml



#15 Endosulfan II

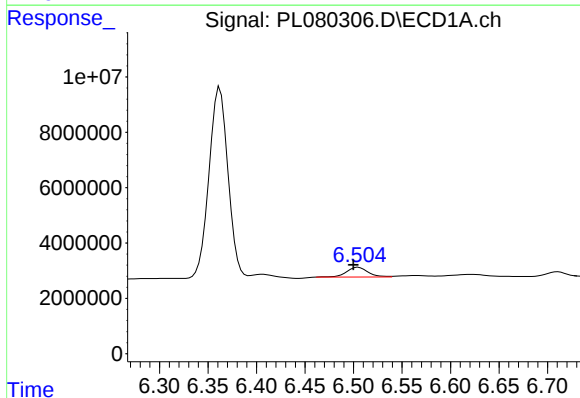
R.T.: 6.565 min  
Delta R.T.: -0.010 min  
Response: 972004  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



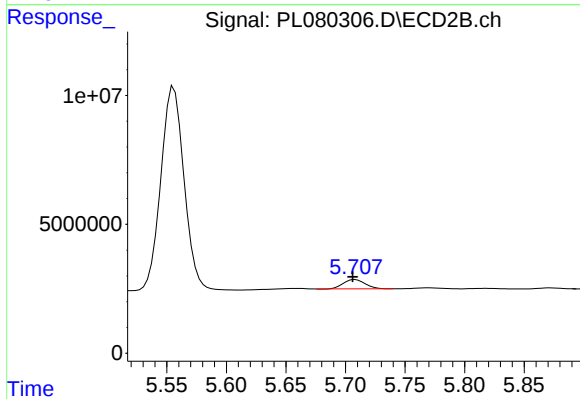
#15 Endosulfan II

R.T.: 5.873 min  
Delta R.T.: 0.026 min  
Response: 558984  
Conc: 0.23 ng/ml



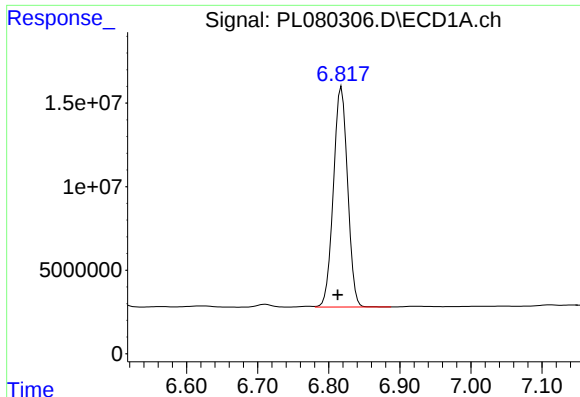
#16 4,4'-DDD

R.T.: 6.505 min  
Delta R.T.: 0.005 min  
Response: 5432995  
Conc: 3.43 ng/ml



#16 4,4'-DDD

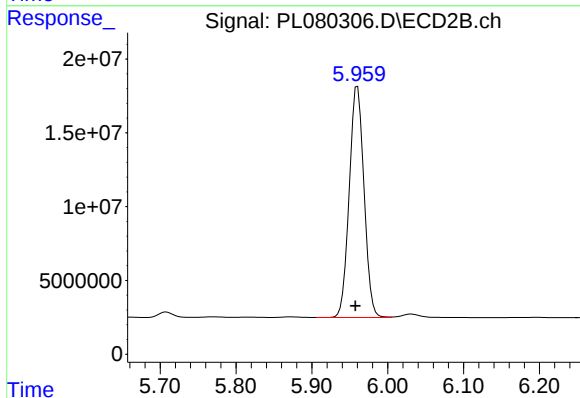
R.T.: 5.708 min  
Delta R.T.: 0.002 min  
Response: 4690602  
Conc: 2.53 ng/ml



#17 4,4'-DDT

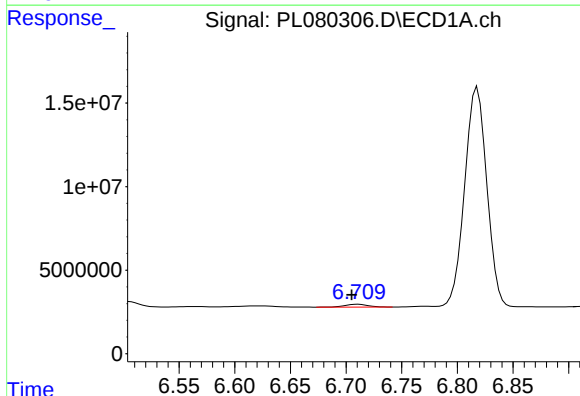
R.T.: 6.818 min  
Delta R.T.: 0.005 min  
Response: 182571566  
Conc: 103.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



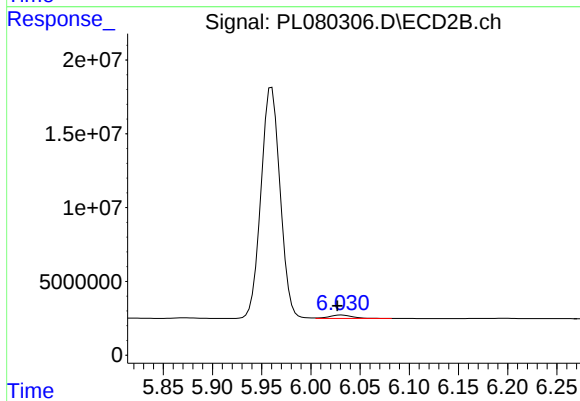
#17 4,4'-DDT

R.T.: 5.960 min  
Delta R.T.: 0.003 min  
Response: 211778935  
Conc: 100.50 ng/ml



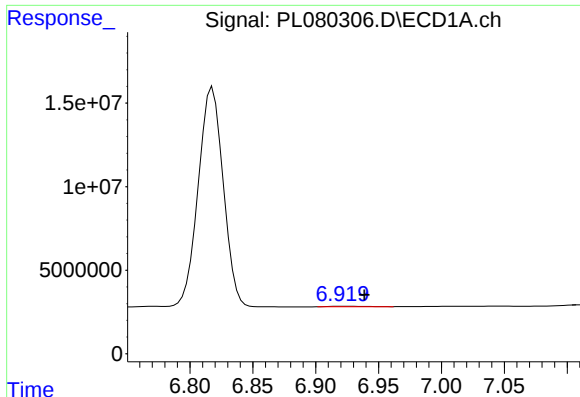
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: 0.005 min  
Response: 2526884  
Conc: 1.75 ng/ml



#18 Endrin aldehyde

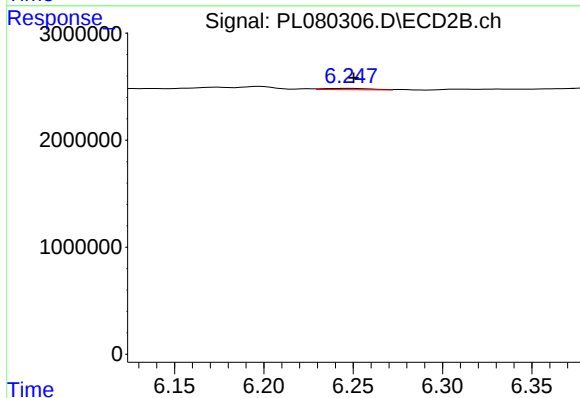
R.T.: 6.031 min  
Delta R.T.: 0.004 min  
Response: 3725023  
Conc: 2.05 ng/ml



#19 Endosulfan Sulfate

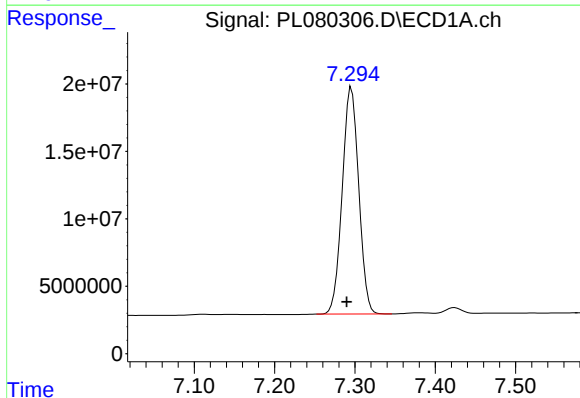
R.T.: 6.921 min  
Delta R.T.: -0.018 min  
Response: 579577  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



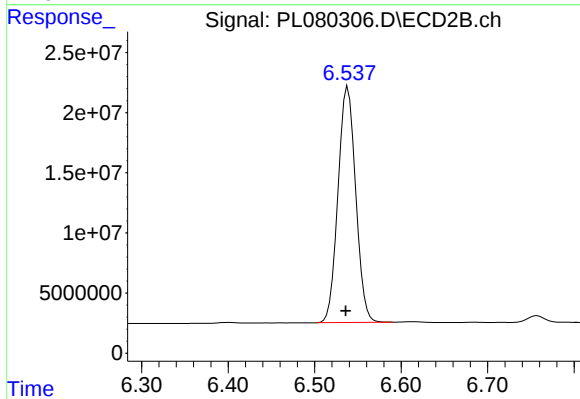
#19 Endosulfan Sulfate

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 226922  
Conc: 0.10 ng/ml



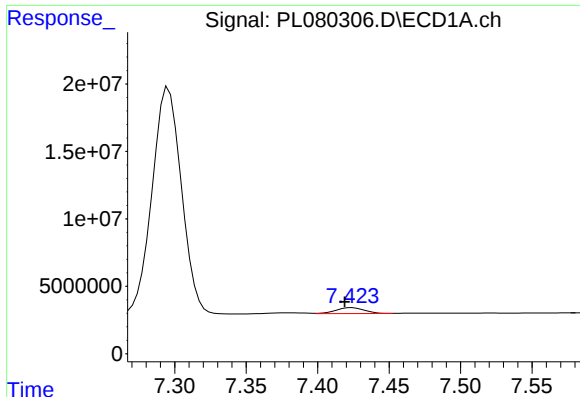
#20 Methoxychlor

R.T.: 7.296 min  
Delta R.T.: 0.006 min  
Response: 240135838  
Conc: 269.53 ng/ml



#20 Methoxychlor

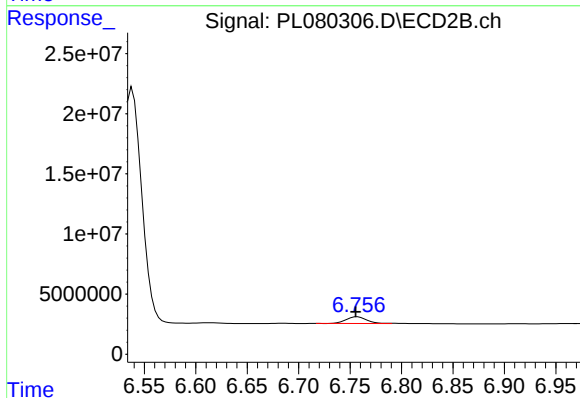
R.T.: 6.538 min  
Delta R.T.: 0.002 min  
Response: 277034605  
Conc: 230.48 ng/ml



#21 Endrin ketone

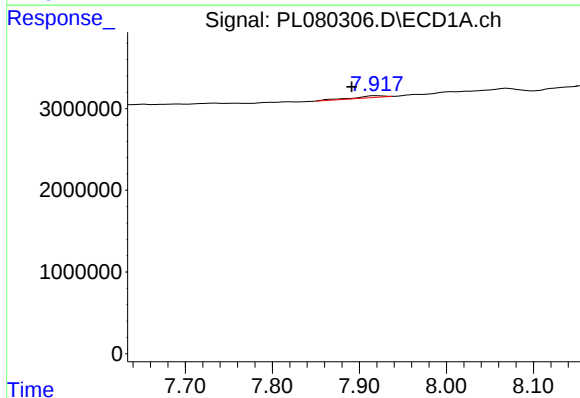
R.T.: 7.424 min  
Delta R.T.: 0.005 min  
Response: 6083229  
Conc: 3.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



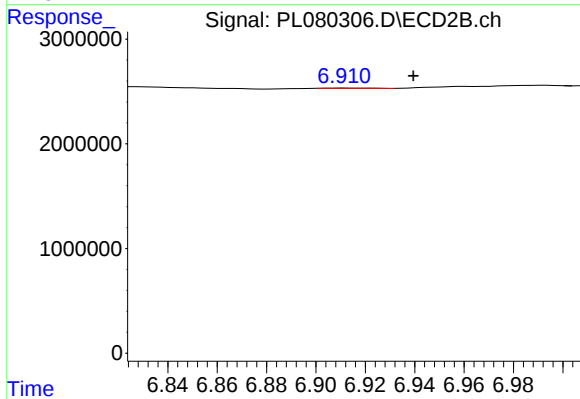
#21 Endrin ketone

R.T.: 6.757 min  
Delta R.T.: 0.002 min  
Response: 7768462  
Conc: 3.09 ng/ml



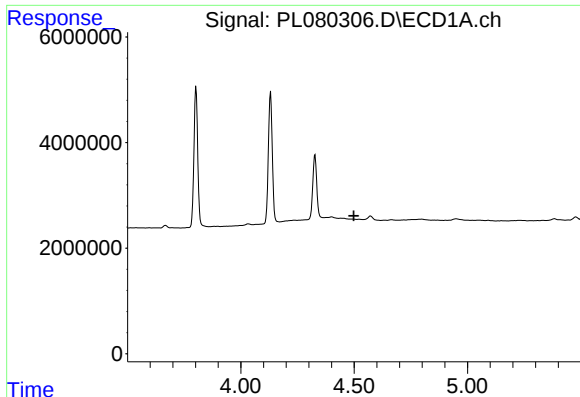
#22 Mirex

R.T.: 7.919 min  
Delta R.T.: 0.028 min  
Response: 552102  
Conc: 0.39 ng/ml



#22 Mirex

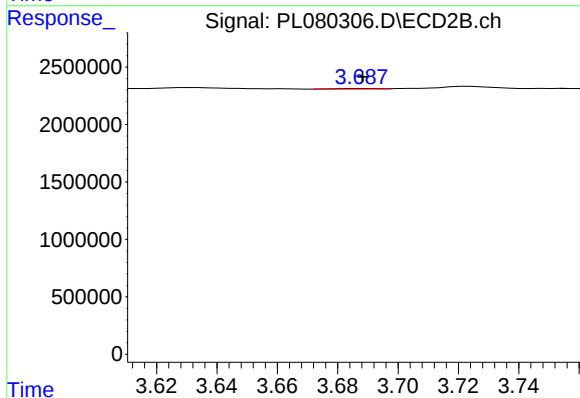
R.T.: 6.912 min  
Delta R.T.: -0.028 min  
Response: 43147  
Conc: 0.02 ng/ml



#23 Chlordane-1

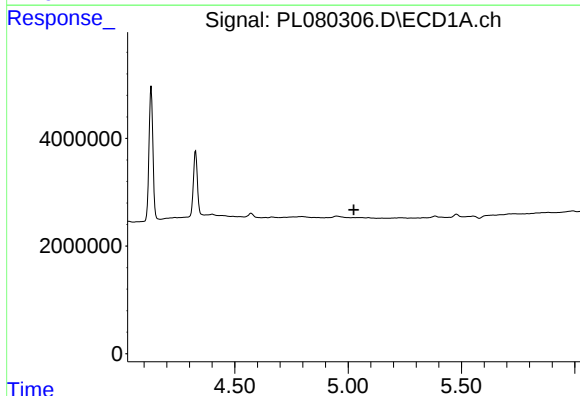
R.T.: 0.000 min  
Exp R.T.: 4.499 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



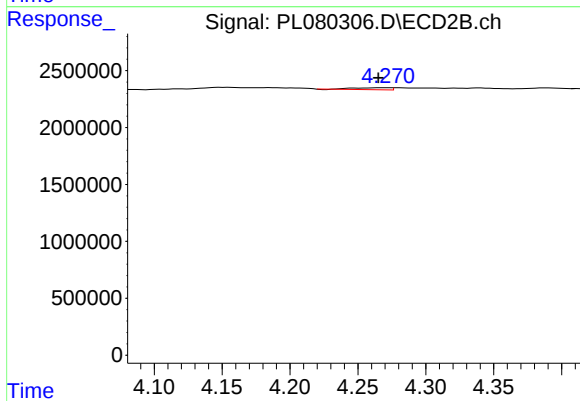
#23 Chlordane-1

R.T.: 3.688 min  
Delta R.T.: 0.000 min  
Response: 46322  
Conc: 0.57 ng/ml



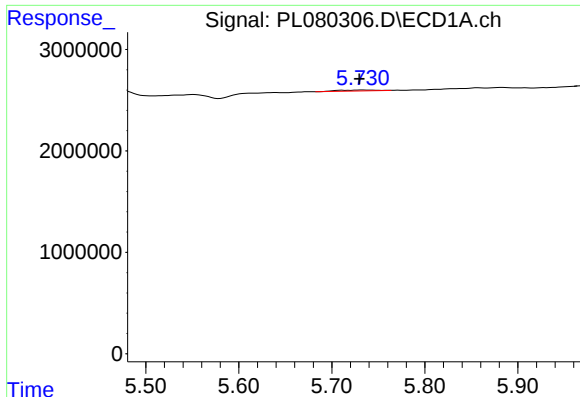
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.025 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

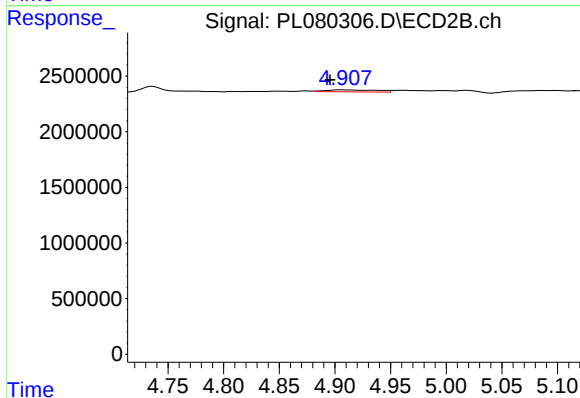
R.T.: 4.270 min  
Delta R.T.: 0.005 min  
Response: 317357  
Conc: 3.03 ng/ml



#25 Chlordane-3

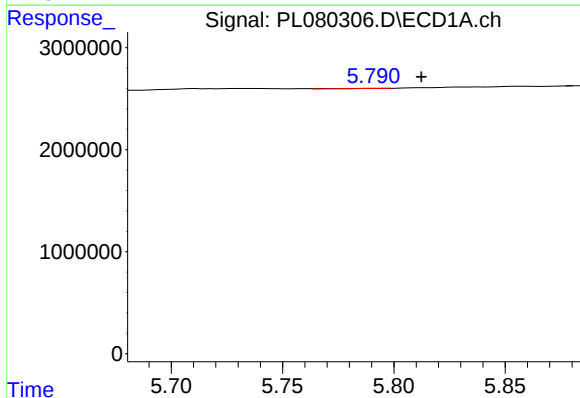
R.T.: 5.732 min  
Delta R.T.: 0.003 min  
Response: 285095  
Conc: 0.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



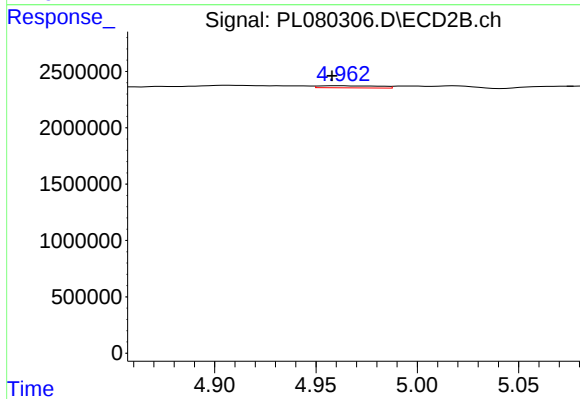
#25 Chlordane-3

R.T.: 4.908 min  
Delta R.T.: 0.012 min  
Response: 571252  
Conc: 2.00 ng/ml



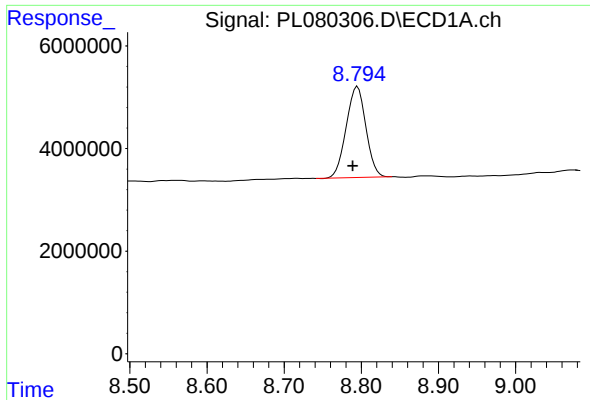
#26 Chlordane-4

R.T.: 5.791 min  
Delta R.T.: -0.021 min  
Response: 21352  
Conc: 0.05 ng/ml



#26 Chlordane-4

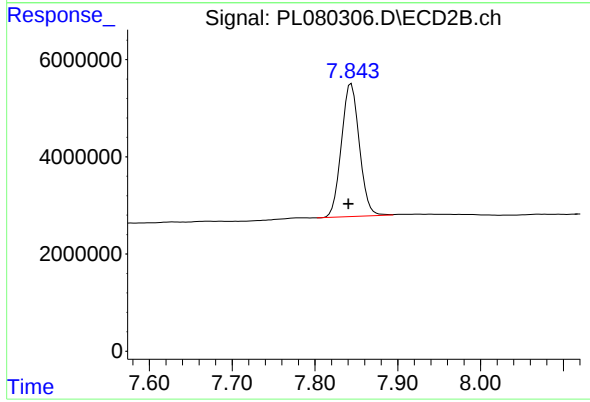
R.T.: 4.962 min  
Delta R.T.: 0.004 min  
Response: 381517  
Conc: 1.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.795 min  
Delta R.T.: 0.006 min  
Response: 31333184  
Conc: 21.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.844 min  
Delta R.T.: 0.003 min  
Response: 41133251  
Conc: 18.30 ng/ml