

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087332.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 16:47  
 Operator : AR\AJ  
 Sample : 05926-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 00:29:08 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.430  | 2.678  | 19683125 | 8102156 | 5.230 | 4.813    |
| 28)                         | SA Decachlor... | 8.991  | 7.871  | 17881294 | 7150079 | 5.244 | 4.233    |
| Target Compounds            |                 |        |        |          |         |       |          |
| 3)                          | MA gamma-BHC... | 0.000  | 3.507  | 0        | 27414   | N.D.  | 0.011 #  |
| 4)                          | MA Heptachlor   | 4.842f | 3.857  | 738746   | 73750   | 0.139 | 0.031 #  |
| 5)                          | MB Aldrin       | 5.133f | 4.124f | 759442   | 159019  | 0.146 | 0.066 #  |
| 7)                          | B delta-BHC     | 4.670  | 4.050  | 646191   | 193516  | 0.124 | 0.079 #  |
| 8)                          | B Heptachlo...  | 5.577  | 0.000  | 1379025  | 0       | 0.293 | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.029  | 0        | 36808   | N.D.  | 0.017 #  |
| 10)                         | B gamma-Chl...  | 5.847  | 4.900  | 1486505  | 3832562 | 0.307 | 1.676 #  |
| 11)                         | B alpha-Chl...  | 5.929  | 4.952f | 4746399  | 6425012 | 0.988 | 2.784 #  |
| 12)                         | B 4,4'-DDE      | 6.109  | 5.161  | 868711   | 363953  | 0.210 | 0.183    |
| 13)                         | MA Dieldrin     | 6.259  | 5.291  | -223720  | 378213  | N.D.  | 0.170    |
| 14)                         | MA Endrin       | 6.485  | 5.579  | 10051073 | 205578  | 2.612 | 0.103 #  |
| 16)                         | A 4,4'-DDD      | 6.636  | 0.000  | 730521   | 0       | 0.221 | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.945  | 5.967  | 569188   | 1216784 | 0.151 | 0.660 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.066f | 0        | 289908  | N.D.  | 0.198 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.271  | 0        | 634903  | N.D.  | 0.337 #  |
| 20)                         | A Methoxychlor  | 7.430  | 0.000  | 651126   | 0       | 0.334 | N.D. #   |
| 21)                         | B Endrin ke...  | 7.544  | 6.776  | 2809602  | 262855  | 0.691 | 0.123 #  |
| 23)                         | Chlordane-1     | 4.593  | 3.680  | 681055   | 507105  | 4.316 | 8.175 #  |
| 24)                         | Chlordane-2     | 5.133  | 4.265  | 759442   | 448153  | 4.360 | 5.837 #  |
| 25)                         | Chlordane-3     | 5.847  | 4.900  | 1486505  | 3832562 | 2.133 | 17.337 # |
| 26)                         | Chlordane-4     | 5.929  | 4.952f | 4746399  | 6425012 | 5.551 | 27.597 # |
| -----                       |                 |        |        |          |         |       |          |

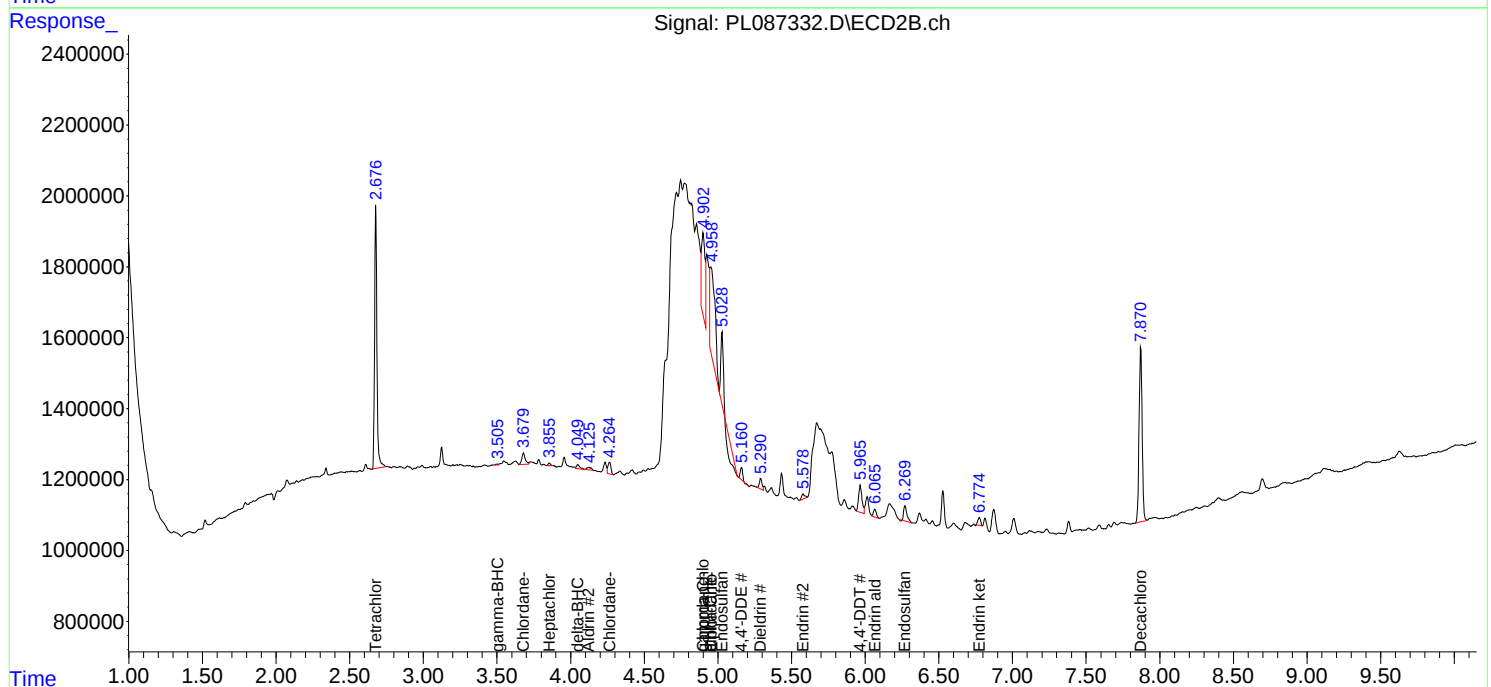
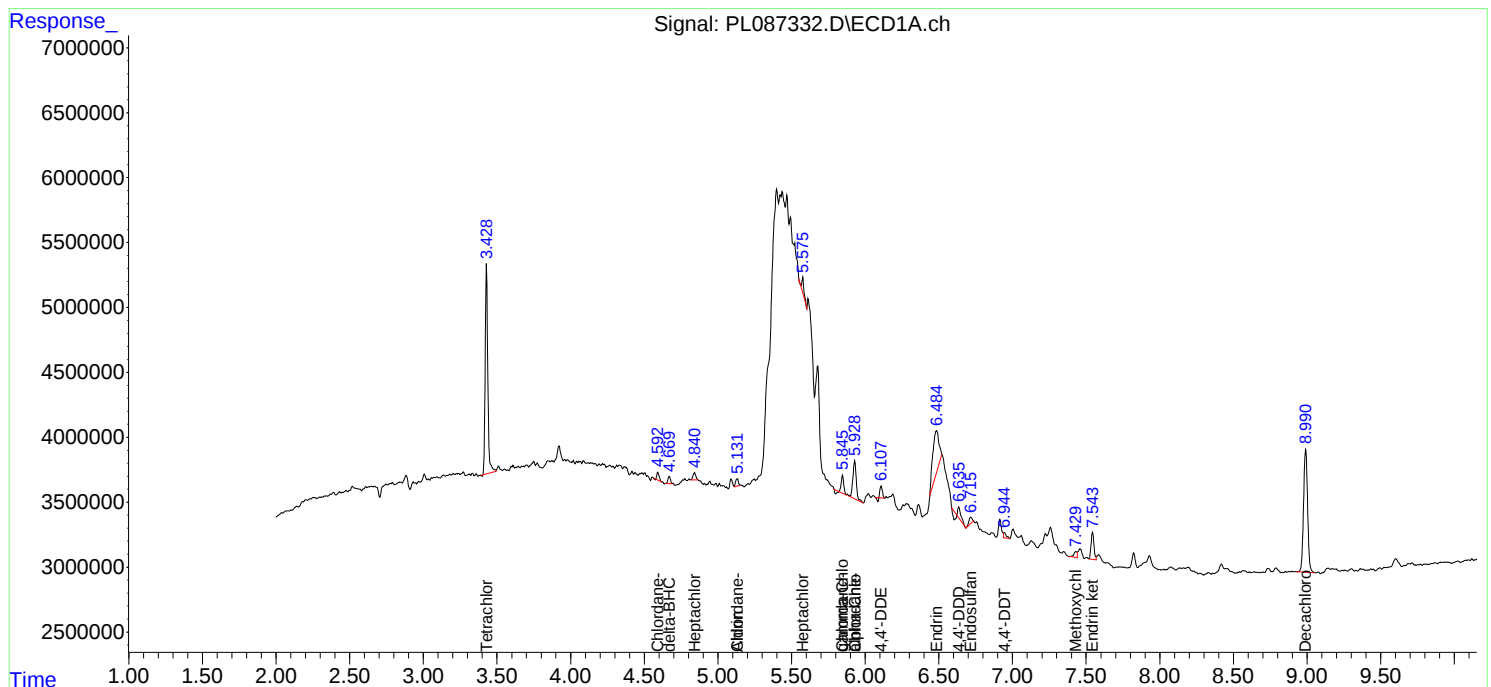
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

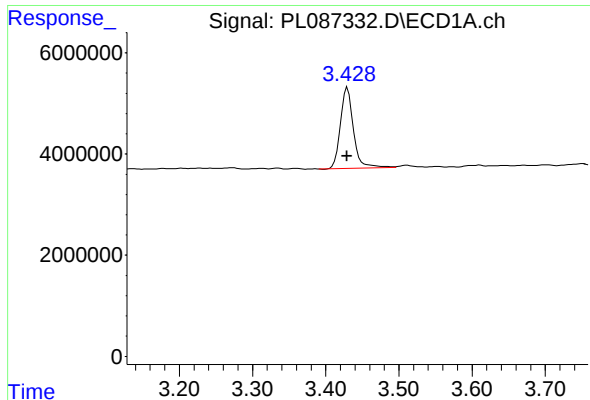
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
Data File : PL087332.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 16:47  
Operator : AR\AJ  
Sample : 05926-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 00:29:08 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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

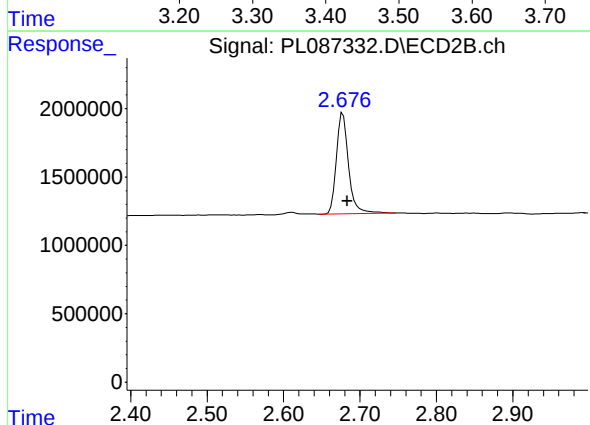




#1 Tetrachloro-m-xylene

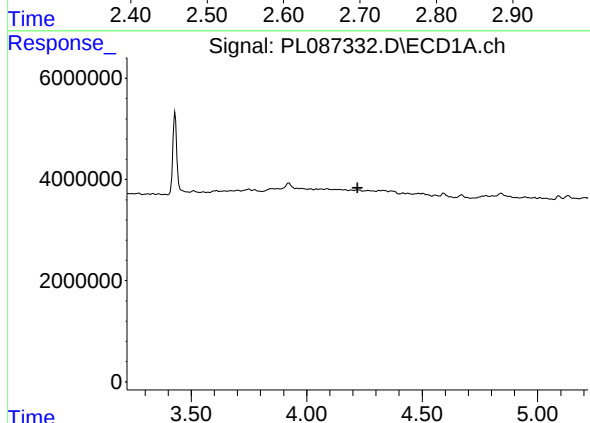
R.T.: 3.430 min  
Delta R.T.: 0.000 min  
Response: 19683125  
Conc: 5.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



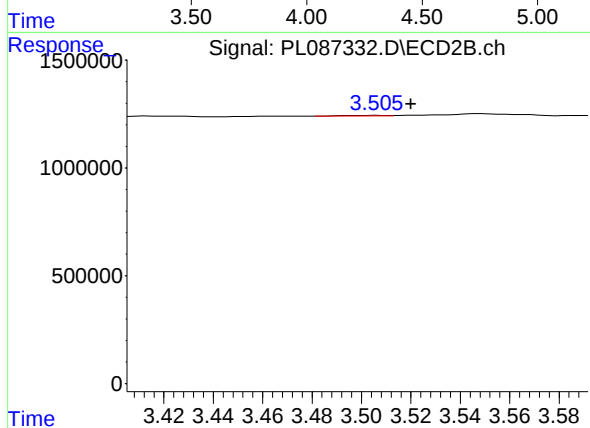
#1 Tetrachloro-m-xylene

R.T.: 2.678 min  
Delta R.T.: -0.006 min  
Response: 8102156  
Conc: 4.81 ng/ml



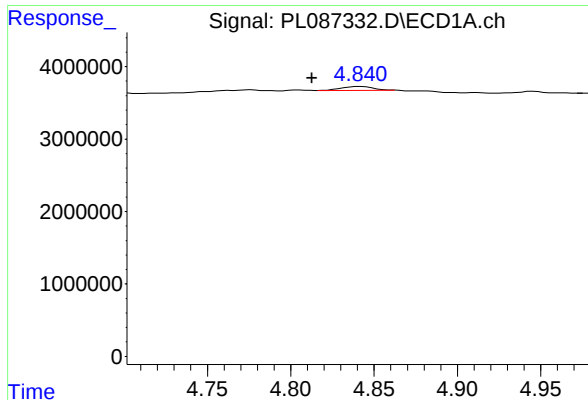
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T.: 4.220 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

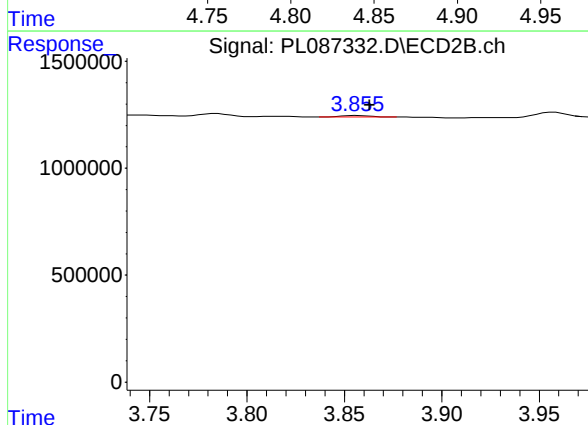
R.T.: 3.507 min  
Delta R.T.: -0.013 min  
Response: 27414  
Conc: 0.01 ng/ml



#4 Heptachlor

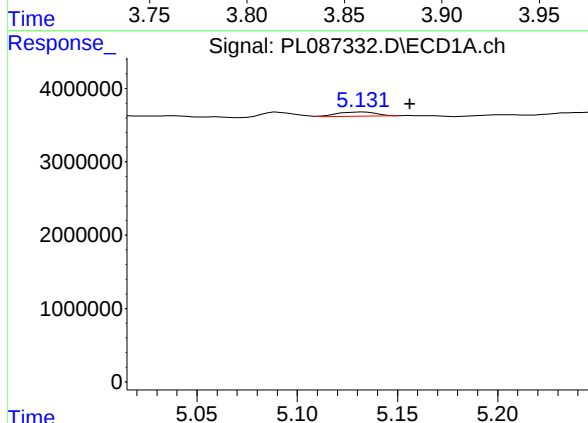
R.T.: 4.842 min  
Delta R.T.: 0.029 min  
Response: 738746  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



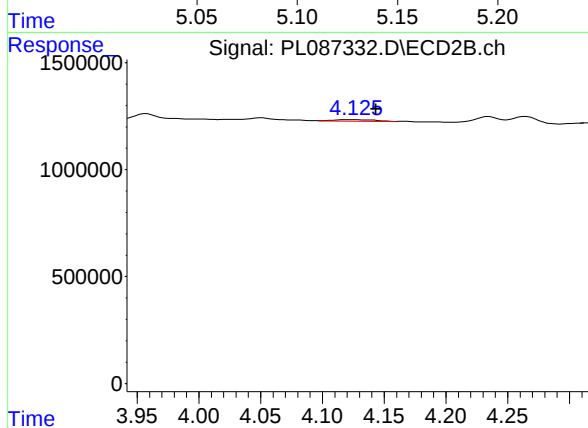
#4 Heptachlor

R.T.: 3.857 min  
Delta R.T.: -0.006 min  
Response: 73750  
Conc: 0.03 ng/ml



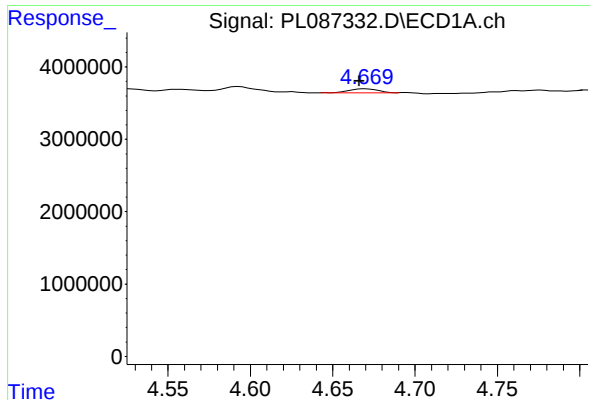
#5 Aldrin

R.T.: 5.133 min  
Delta R.T.: -0.023 min  
Response: 759442  
Conc: 0.15 ng/ml



#5 Aldrin

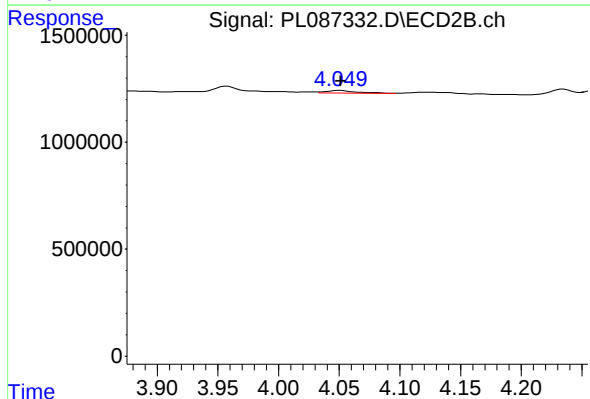
R.T.: 4.124 min  
Delta R.T.: -0.019 min  
Response: 159019  
Conc: 0.07 ng/ml



#7 delta-BHC

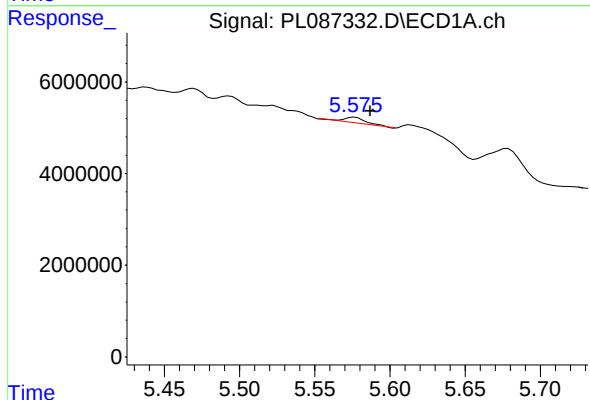
R.T.: 4.670 min  
Delta R.T.: 0.004 min  
Response: 646191  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



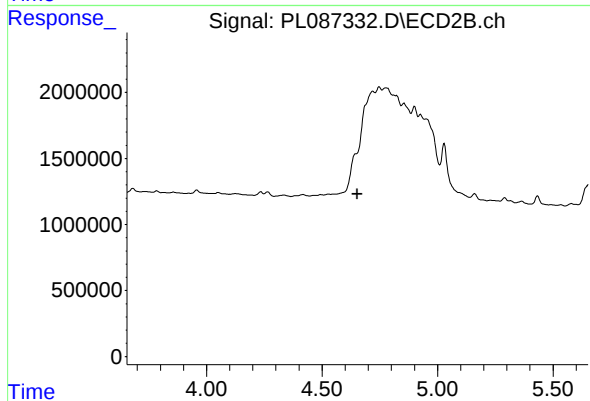
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: 0.000 min  
Response: 193516  
Conc: 0.08 ng/ml



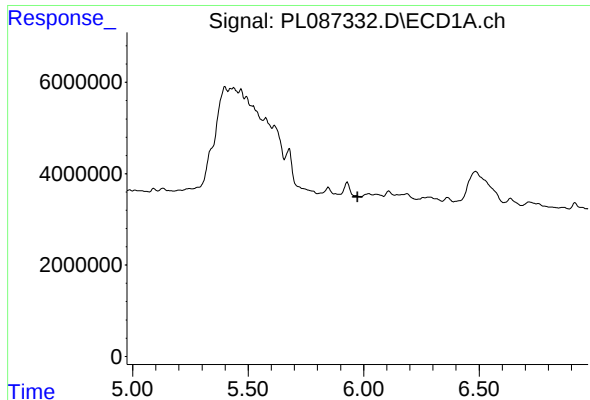
#8 Heptachlor epoxide

R.T.: 5.577 min  
Delta R.T.: -0.010 min  
Response: 1379025  
Conc: 0.29 ng/ml



#8 Heptachlor epoxide

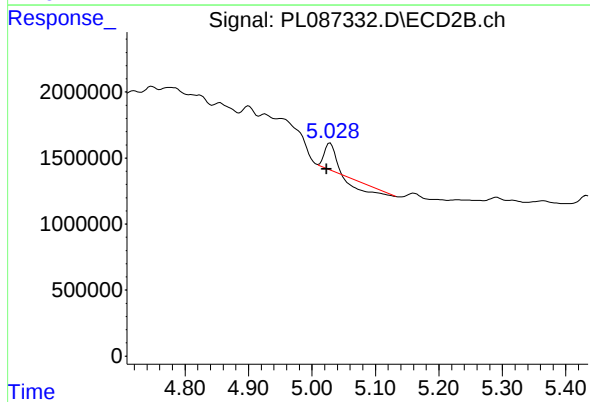
R.T.: 0.000 min  
Exp R.T.: 4.652 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

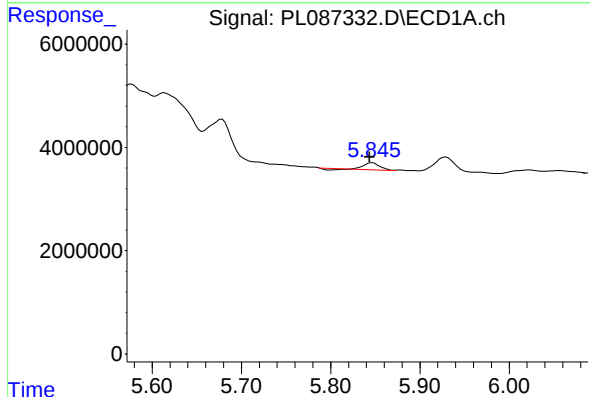
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



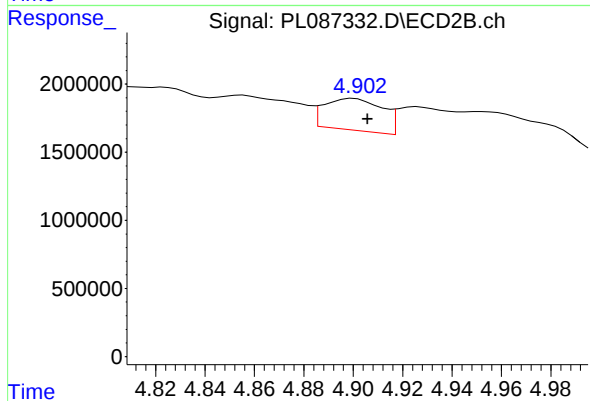
#9 Endosulfan I

R.T.: 5.029 min  
Delta R.T.: 0.005 min  
Response: 36808  
Conc: 0.02 ng/ml



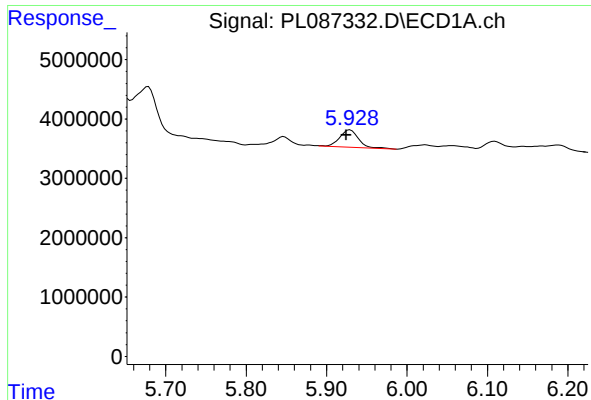
#10 gamma-Chlordane

R.T.: 5.847 min  
Delta R.T.: 0.003 min  
Response: 1486505  
Conc: 0.31 ng/ml



#10 gamma-Chlordane

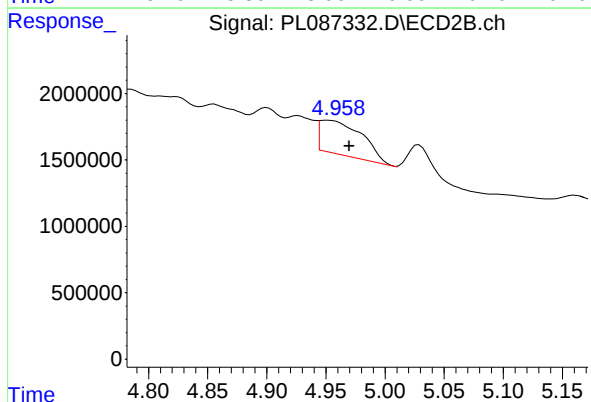
R.T.: 4.900 min  
Delta R.T.: -0.006 min  
Response: 3832562  
Conc: 1.68 ng/ml



#11 alpha-Chlordane

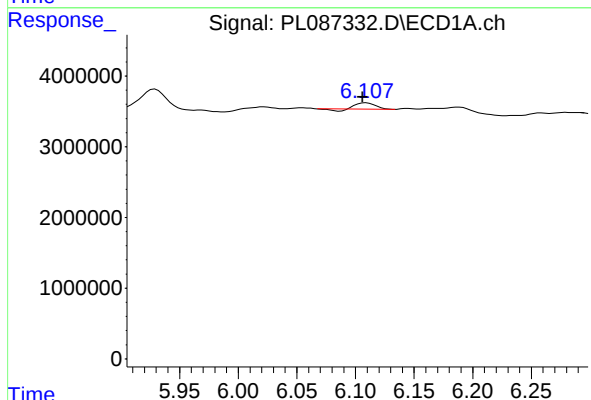
R.T.: 5.929 min  
Delta R.T.: 0.005 min  
Response: 4746399  
Conc: 0.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



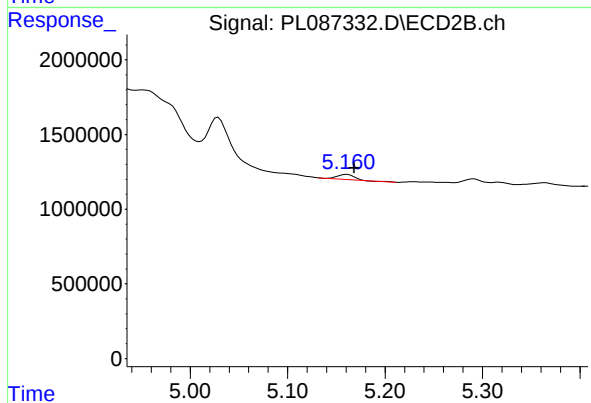
#11 alpha-Chlordane

R.T.: 4.952 min  
Delta R.T.: -0.018 min  
Response: 6425012  
Conc: 2.78 ng/ml



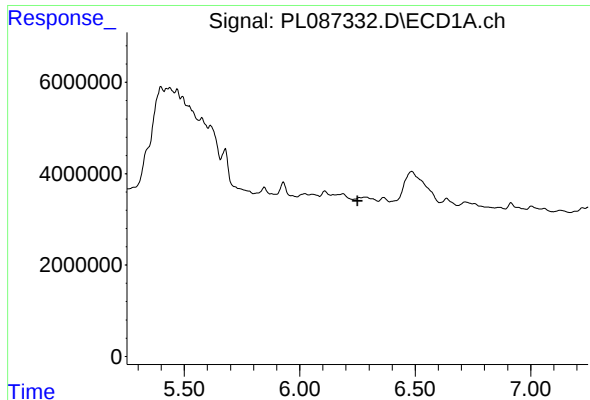
#12 4,4'-DDE

R.T.: 6.109 min  
Delta R.T.: 0.003 min  
Response: 868711  
Conc: 0.21 ng/ml



#12 4,4'-DDE

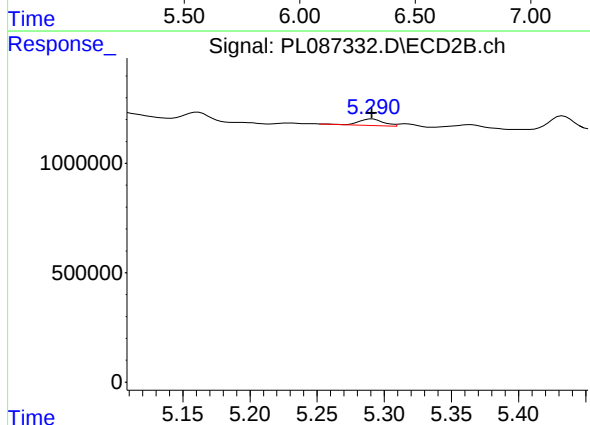
R.T.: 5.161 min  
Delta R.T.: -0.008 min  
Response: 363953  
Conc: 0.18 ng/ml



#13 Dieldrin

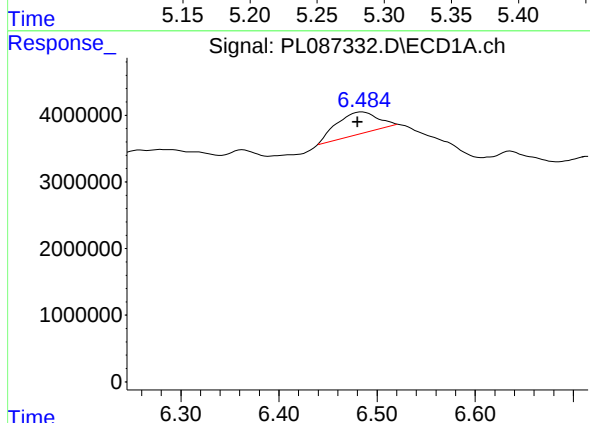
R.T.: 6.259 min  
Delta R.T.: 0.007 min  
Response: -223720  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



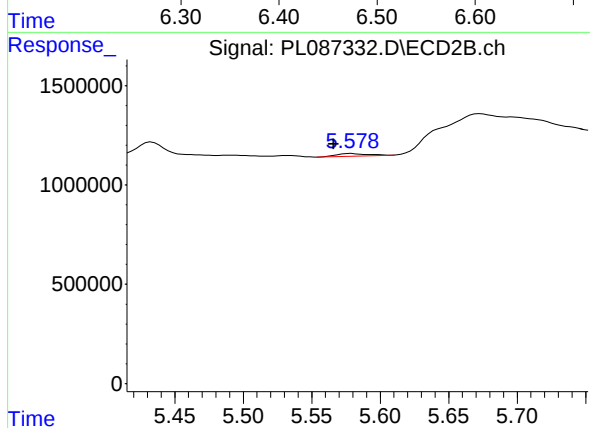
#13 Dieldrin

R.T.: 5.291 min  
Delta R.T.: 0.000 min  
Response: 378213  
Conc: 0.17 ng/ml



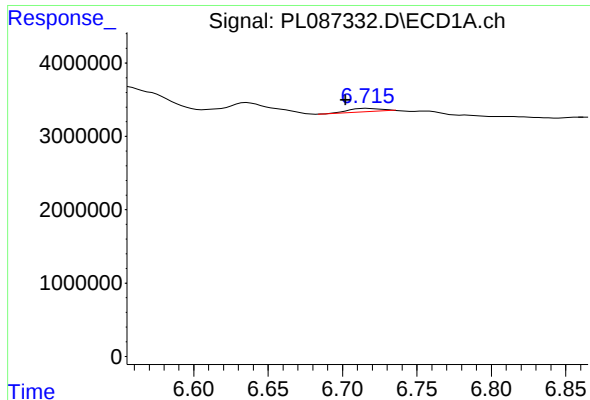
#14 Endrin

R.T.: 6.485 min  
Delta R.T.: 0.005 min  
Response: 10051073  
Conc: 2.61 ng/ml



#14 Endrin

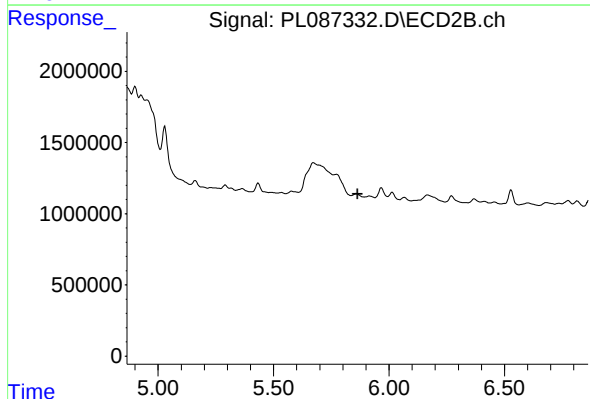
R.T.: 5.579 min  
Delta R.T.: 0.013 min  
Response: 205578  
Conc: 0.10 ng/ml



#15 Endosulfan II

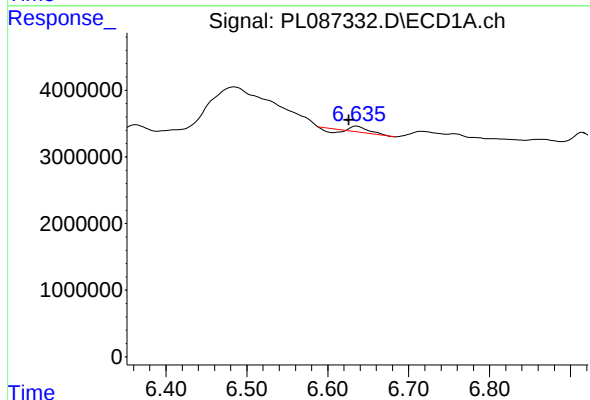
R.T.: 6.717 min  
Delta R.T.: 0.015 min  
Response: 593378  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



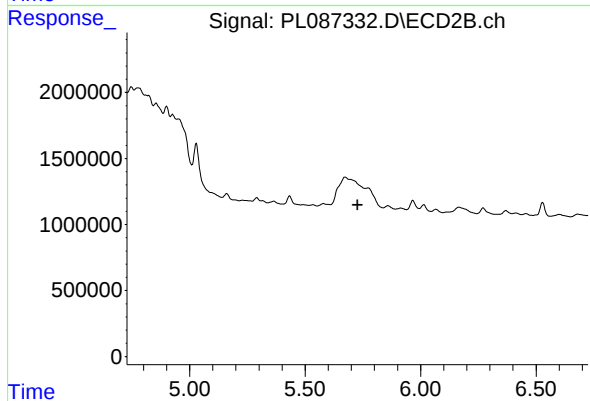
#15 Endosulfan II

R.T.: 5.859 min  
Delta R.T.: -0.004 min  
Response: -464065  
Conc: N.D.



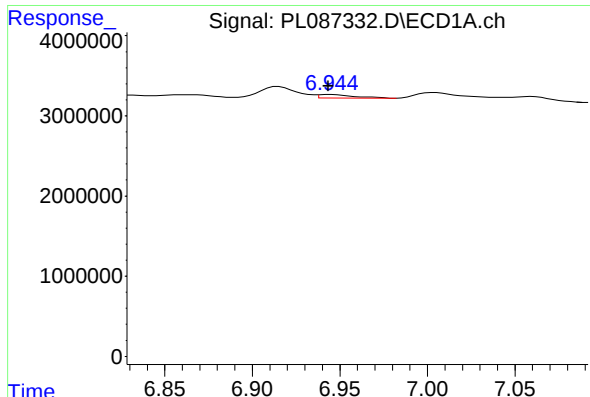
#16 4,4'-DDD

R.T.: 6.636 min  
Delta R.T.: 0.010 min  
Response: 730521  
Conc: 0.22 ng/ml



#16 4,4'-DDD

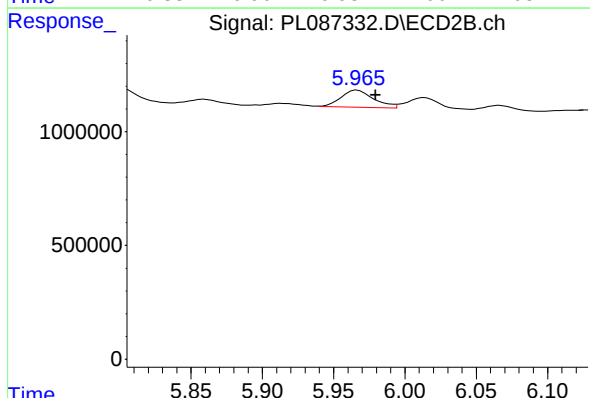
R.T.: 0.000 min  
Exp R.T.: 5.727 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

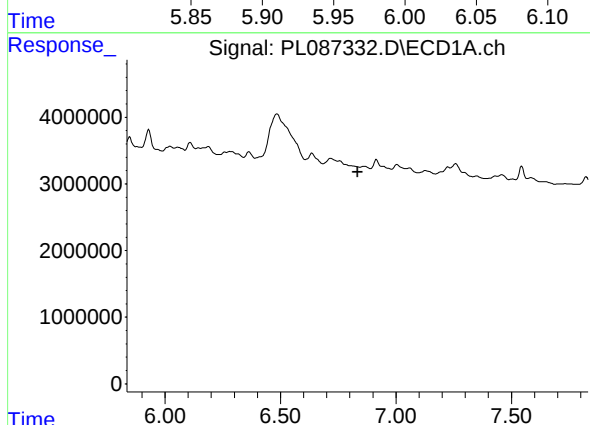
R.T.: 6.945 min  
Delta R.T.: 0.001 min  
Response: 569188  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



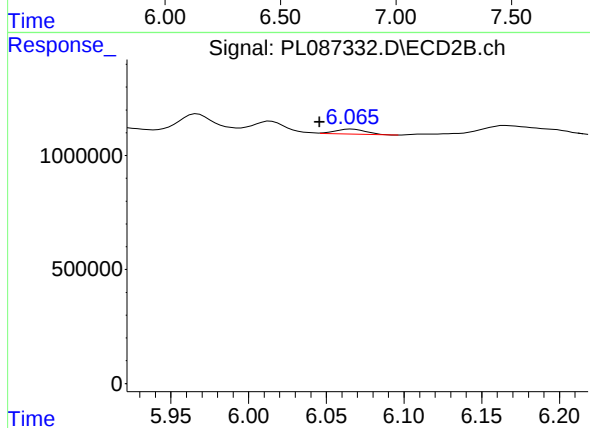
#17 4,4'-DDT

R.T.: 5.967 min  
Delta R.T.: -0.013 min  
Response: 1216784  
Conc: 0.66 ng/ml



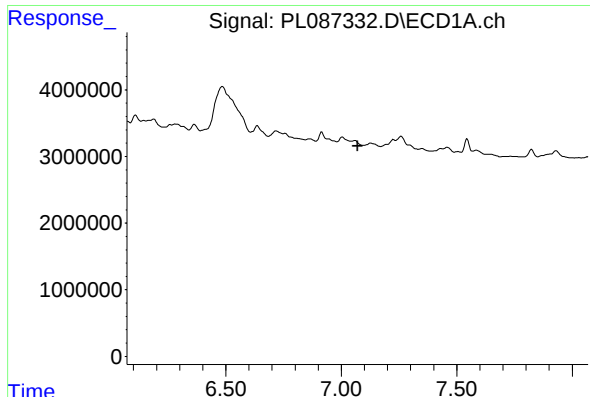
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

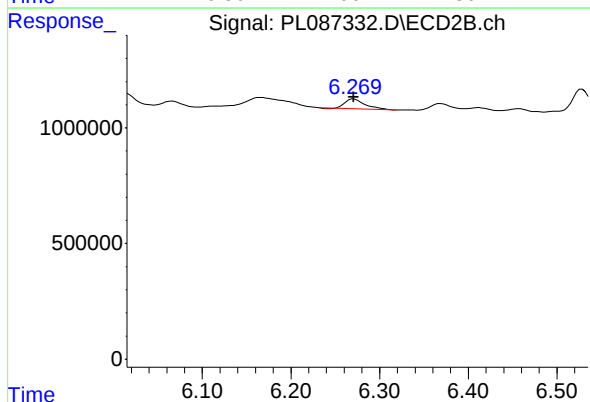
R.T.: 6.066 min  
Delta R.T.: 0.021 min  
Response: 289908  
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

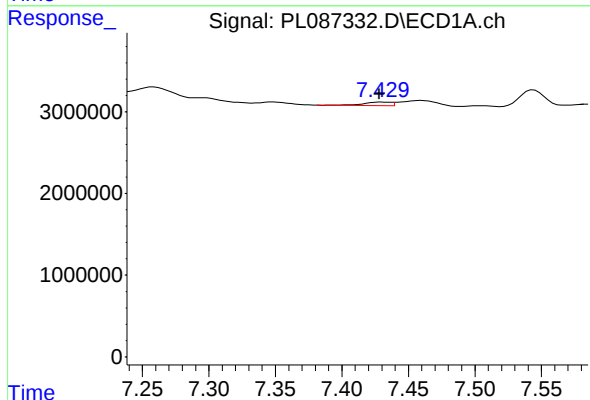
R.T.: 0.000 min  
Exp R.T.: 7.070 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



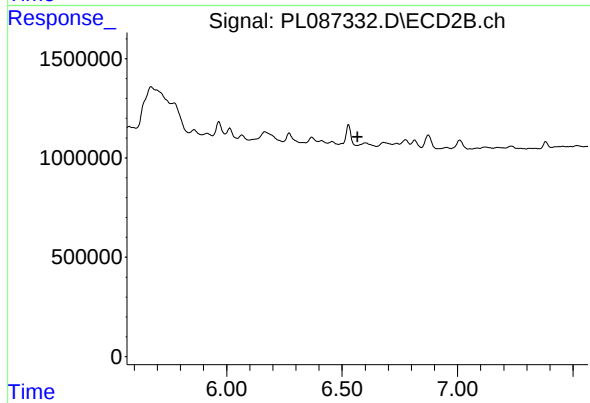
#19 Endosulfan Sulfate

R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 634903  
Conc: 0.34 ng/ml



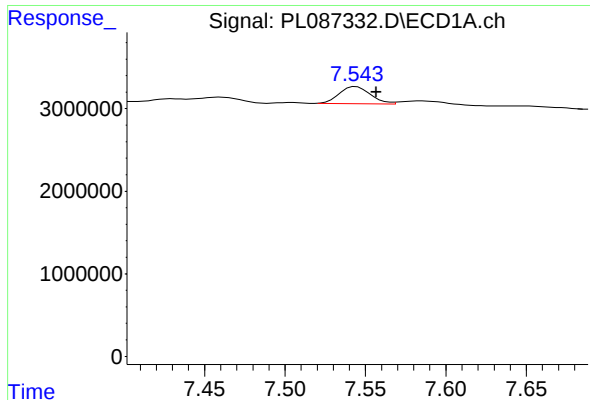
#20 Methoxychlor

R.T.: 7.430 min  
Delta R.T.: 0.002 min  
Response: 651126  
Conc: 0.33 ng/ml



#20 Methoxychlor

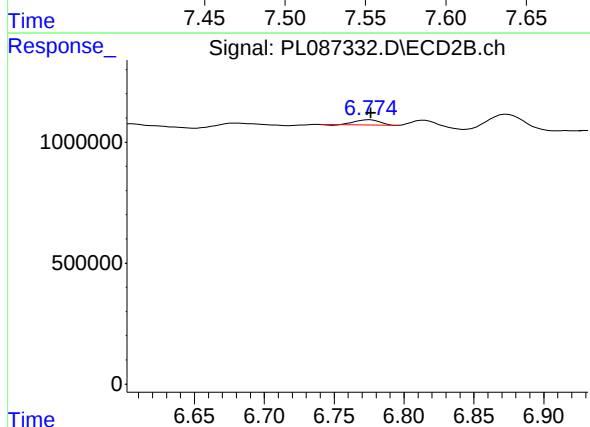
R.T.: 0.000 min  
Exp R.T.: 6.566 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

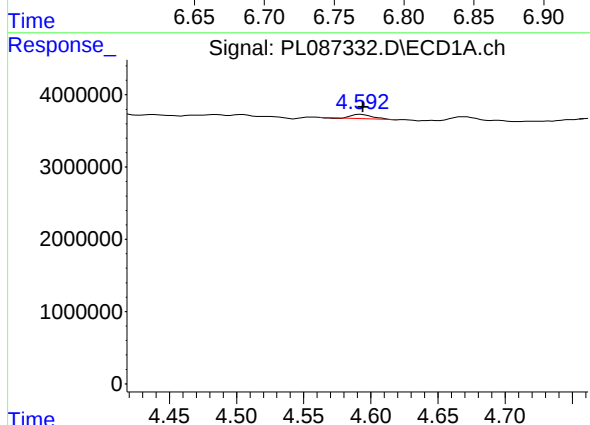
R.T.: 7.544 min  
Delta R.T.: -0.013 min  
Response: 2809602  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



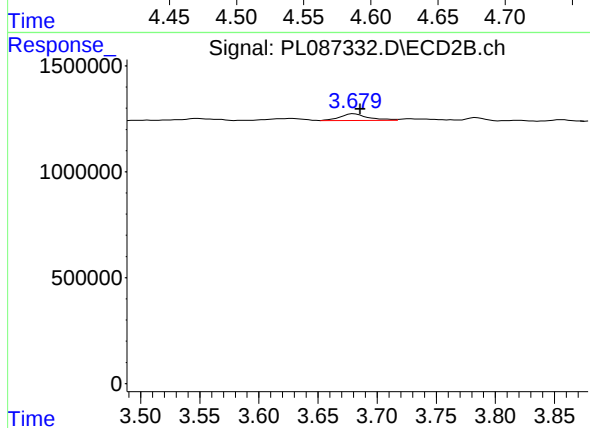
#21 Endrin ketone

R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 262855  
Conc: 0.12 ng/ml



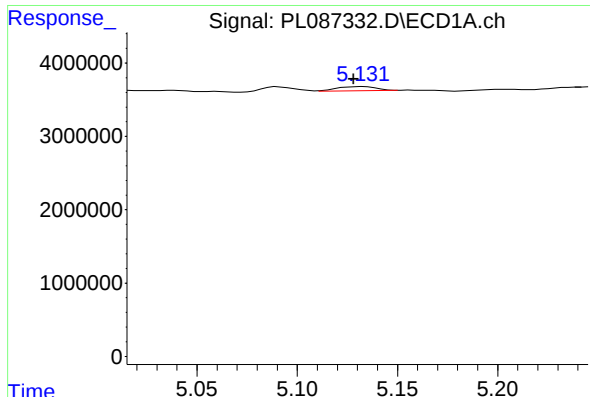
#23 Chlordane-1

R.T.: 4.593 min  
Delta R.T.: -0.001 min  
Response: 681055  
Conc: 4.32 ng/ml



#23 Chlordane-1

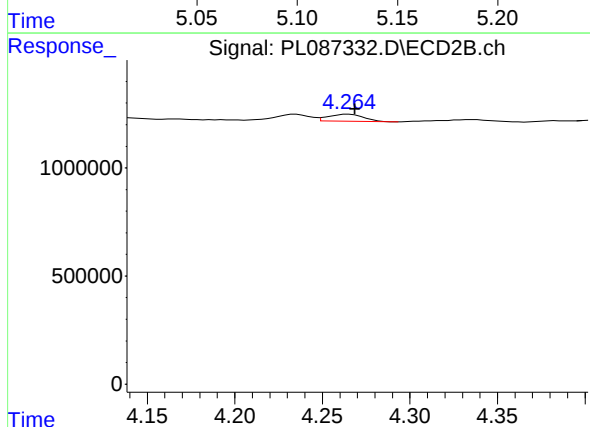
R.T.: 3.680 min  
Delta R.T.: -0.005 min  
Response: 507105  
Conc: 8.17 ng/ml



#24 Chlordane-2

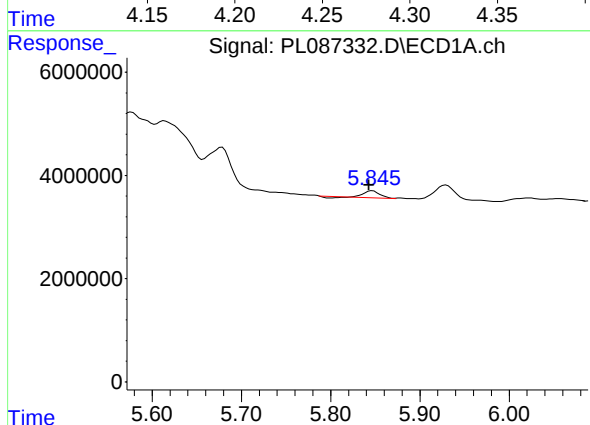
R.T.: 5.133 min  
Delta R.T.: 0.005 min  
Response: 759442  
Conc: 4.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



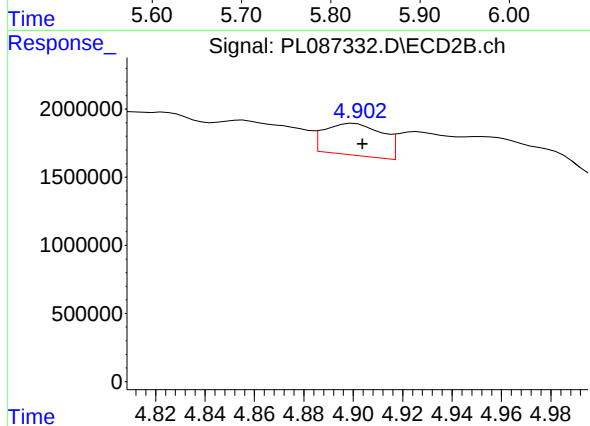
#24 Chlordane-2

R.T.: 4.265 min  
Delta R.T.: -0.004 min  
Response: 448153  
Conc: 5.84 ng/ml



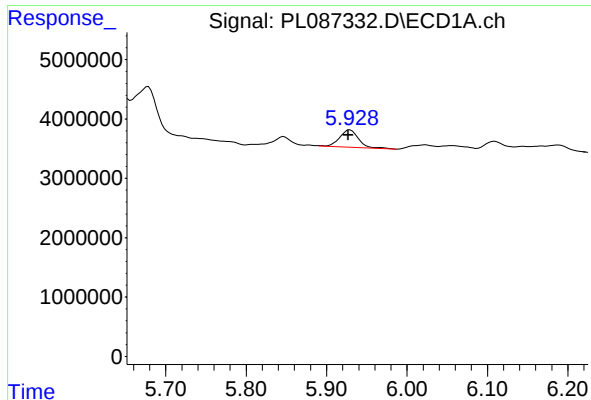
#25 Chlordane-3

R.T.: 5.847 min  
Delta R.T.: 0.004 min  
Response: 1486505  
Conc: 2.13 ng/ml



#25 Chlordane-3

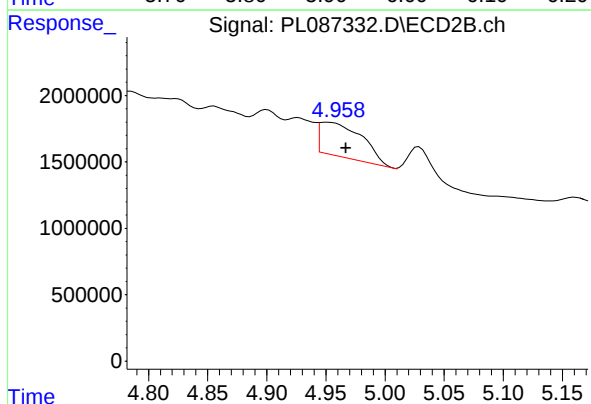
R.T.: 4.900 min  
Delta R.T.: -0.004 min  
Response: 3832562  
Conc: 17.34 ng/ml



#26 Chlordane-4

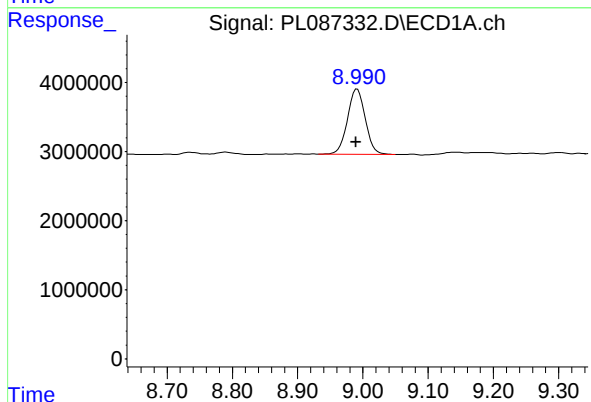
R.T.: 5.929 min  
Delta R.T.: 0.002 min  
Response: 4746399  
Conc: 5.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



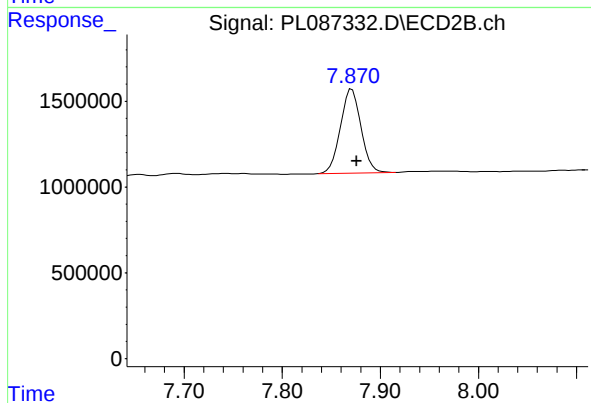
#26 Chlordane-4

R.T.: 4.952 min  
Delta R.T.: -0.015 min  
Response: 6425012  
Conc: 27.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 17881294  
Conc: 5.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: -0.005 min  
Response: 7150079  
Conc: 4.23 ng/ml