

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
 Data File : PL087494.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Dec 2023 16:11  
 Operator : AR\AJ  
 Sample : 06018-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 26 20:35:48 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... | 3.422  | 2.677  | 32763306 | 13821375 | 8.706  | 8.211    |
| 28)                         | SA Decachlor... | 8.978  | 7.864  | 31764871 | 14226074 | 9.315  | 8.423    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 3.546f | 0        | 154363   | N.D.   | 0.064 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.856  | 0        | 36916    | N.D.   | 0.015 #  |
| 5)                          | MB Aldrin       | 5.179f | 4.156  | 363015   | 178896   | 0.070  | 0.075    |
| 6)                          | B beta-BHC      | 4.430  | 0.000  | 1135929  | 0        | 0.495  | N.D. #   |
| 7)                          | B delta-BHC     | 4.660  | 4.048  | 984401   | 110957   | 0.188  | 0.045 #  |
| 8)                          | B Heptachlo...  | 5.575  | 4.634f | 695406   | 40432    | 0.148  | 0.018 #  |
| 9)                          | A Endosulfan I  | 5.955f | 5.024  | 1649808  | 2044014  | 0.369  | 0.946 #  |
| 10)                         | B gamma-Chl...  | 5.861f | 4.926f | 7823037  | 1342960  | 1.614  | 0.587 #  |
| 11)                         | B alpha-Chl...  | 5.921  | 4.967  | 5907314  | 2220441  | 1.229  | 0.962    |
| 12)                         | B 4,4'-DDE      | 6.095  | 5.157  | 1846437  | 368733   | 0.446  | 0.186 #  |
| 13)                         | MA Dieldrin     | 6.244  | 5.287  | 580838   | 3545855  | 0.125  | 1.592 #  |
| 14)                         | MA Endrin       | 6.478  | 5.573  | 2103528  | 189282   | 0.547  | 0.095 #  |
| 15)                         | B Endosulfa...  | 6.696  | 5.847f | 791277   | 295566   | 0.197  | 0.152    |
| 16)                         | A 4,4'-DDD      | 6.627  | 0.000  | 4197835  | 0        | 1.270  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 5.961f | 0        | 1654507  | N.D.   | 0.897 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.060  | 0        | 496520   | N.D.   | 0.338 #  |
| 19)                         | B Endosulfa...  | 7.047f | 6.264  | 637447   | 499595   | 0.162  | 0.265 #  |
| 21)                         | B Endrin ke...  | 7.533f | 0.000  | 681464   | 0        | 0.168  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 6.930f | 0        | 209906   | N.D.   | 0.118 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.678  | 0        | 462185   | N.D.   | 7.450 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.266  | 0        | 332494   | N.D.   | 4.331 #  |
| 25)                         | Chlordane-3     | 5.861f | 4.926f | 7823037  | 1342960  | 11.223 | 6.075 #  |
| 26)                         | Chlordane-4     | 5.921  | 4.967  | 5907314  | 2220441  | 6.909  | 9.537 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.634  | 0        | 1224757  | N.D.   | 18.930 # |
| -----                       |                 |        |        |          |          |        |          |

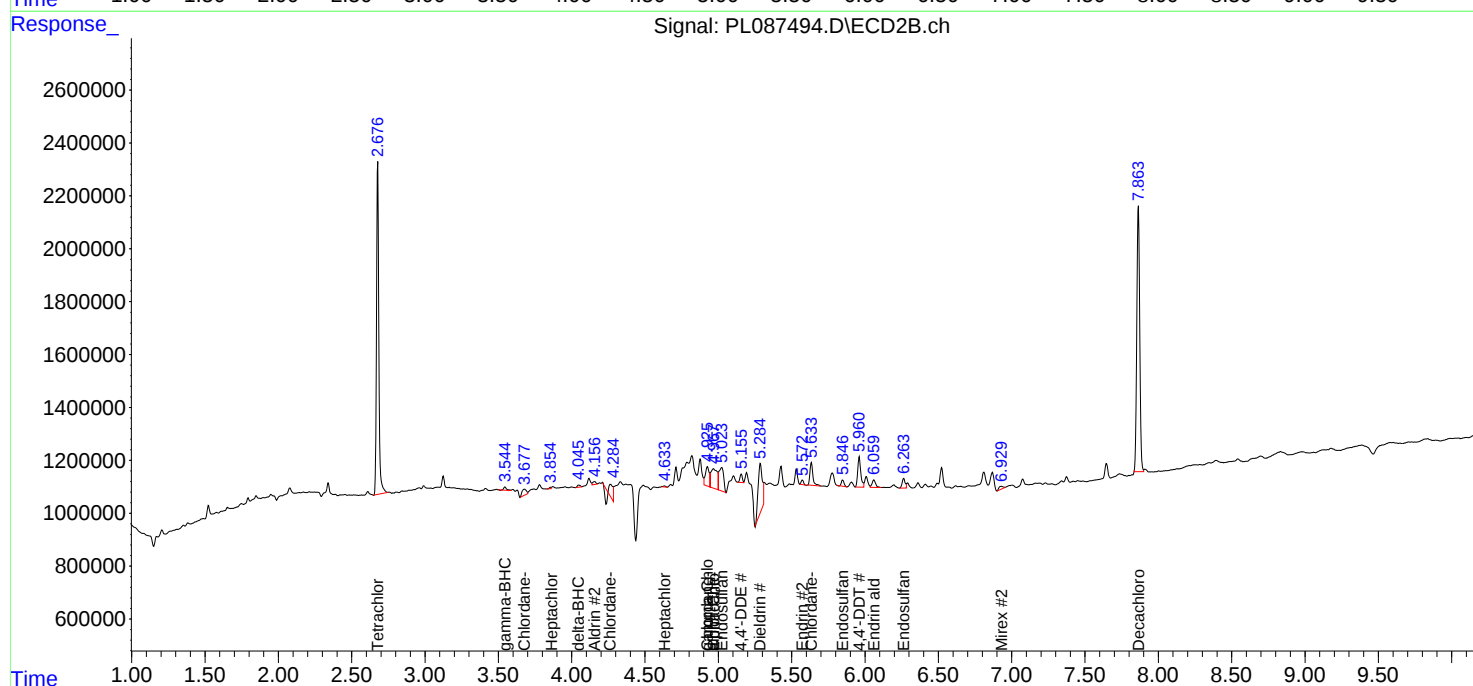
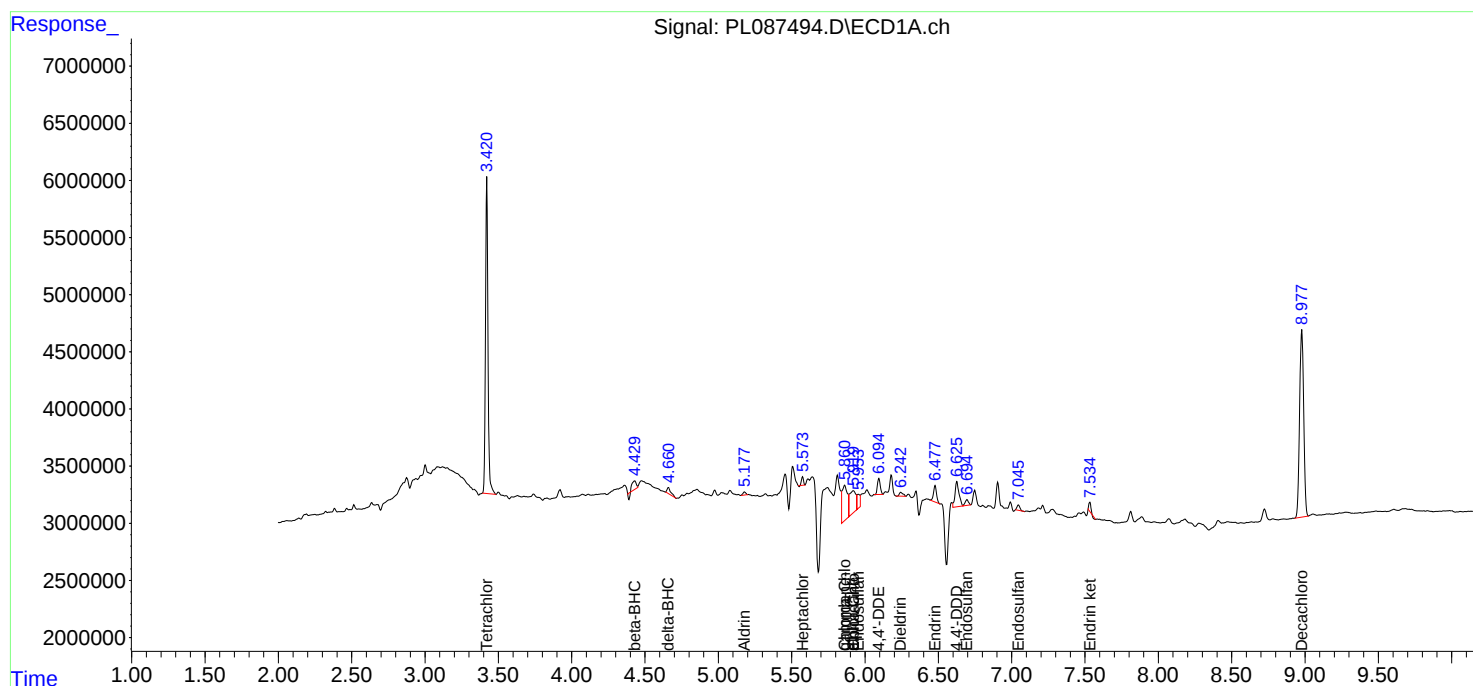
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

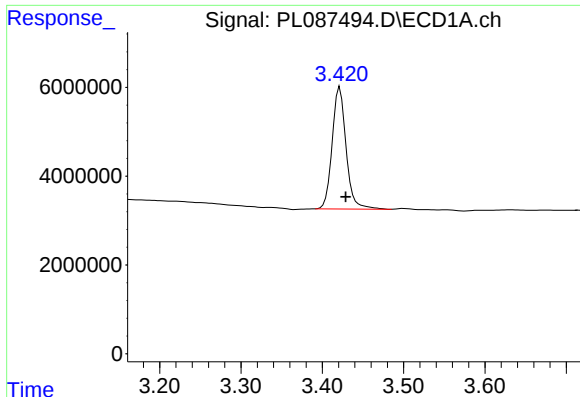
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122623\  
Data File : PL087494.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Dec 2023 16:11  
Operator : AR\AJ  
Sample : 06018-03  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 26 20:35:48 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

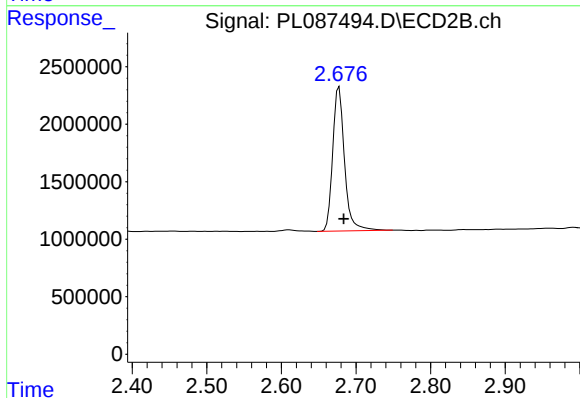




#1 Tetrachloro-m-xylene

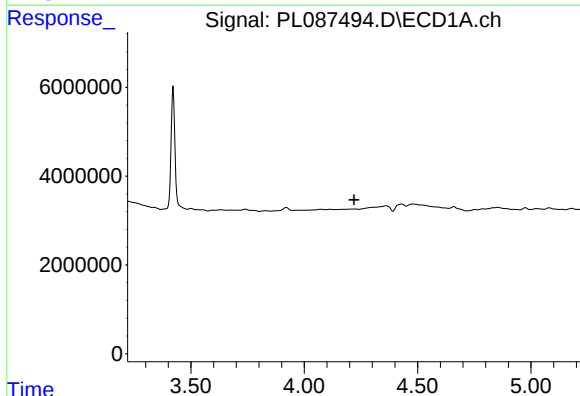
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 32763306  
Conc: 8.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



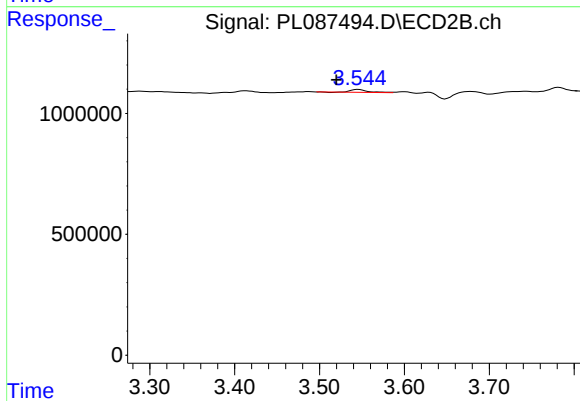
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.006 min  
Response: 13821375  
Conc: 8.21 ng/ml



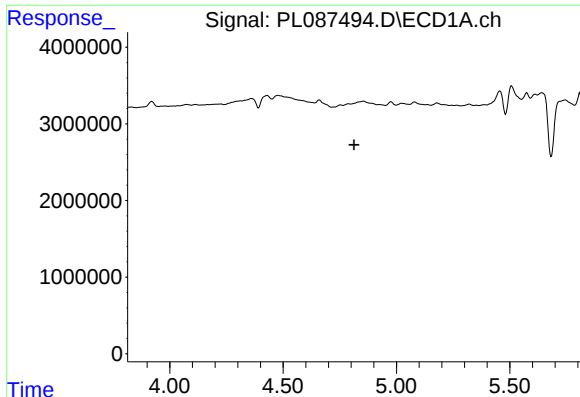
#3 gamma-BHC (Lindane)

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



#3 gamma-BHC (Lindane)

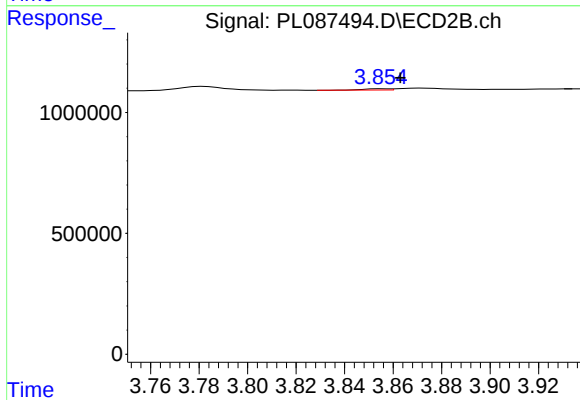
R.T.: 3.546 min  
Delta R.T.: 0.026 min  
Response: 154363  
Conc: 0.06 ng/ml



#4 Heptachlor

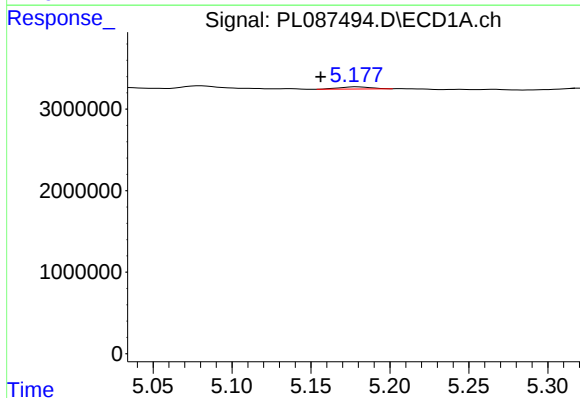
R.T.: 0.000 min  
Exp R.T.: 4.813 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



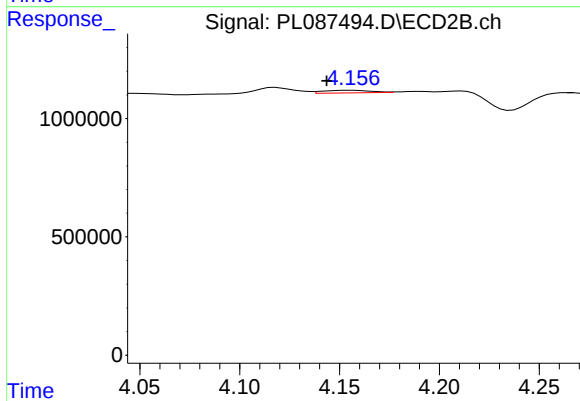
#4 Heptachlor

R.T.: 3.856 min  
Delta R.T.: -0.007 min  
Response: 36916  
Conc: 0.02 ng/ml



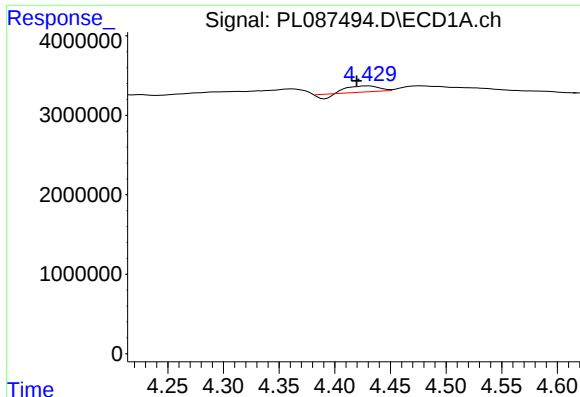
#5 Aldrin

R.T.: 5.179 min  
Delta R.T.: 0.023 min  
Response: 363015  
Conc: 0.07 ng/ml



#5 Aldrin

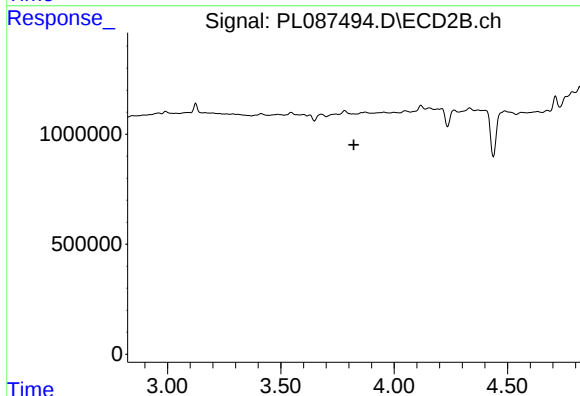
R.T.: 4.156 min  
Delta R.T.: 0.013 min  
Response: 178896  
Conc: 0.07 ng/ml



#6 beta-BHC

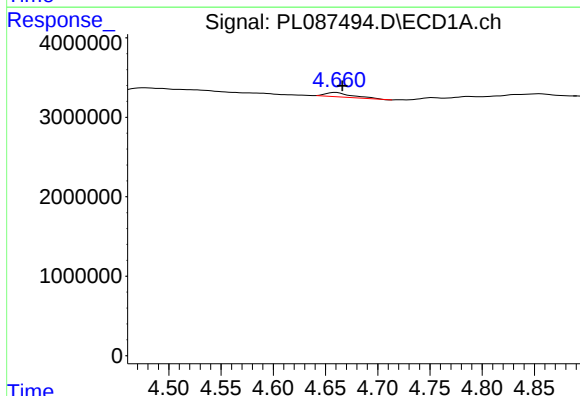
R.T.: 4.430 min  
Delta R.T.: 0.010 min  
Response: 1135929  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



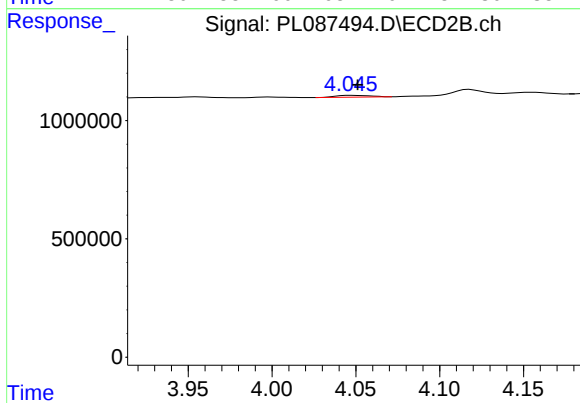
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.822 min  
Response: 0  
Conc: N.D.



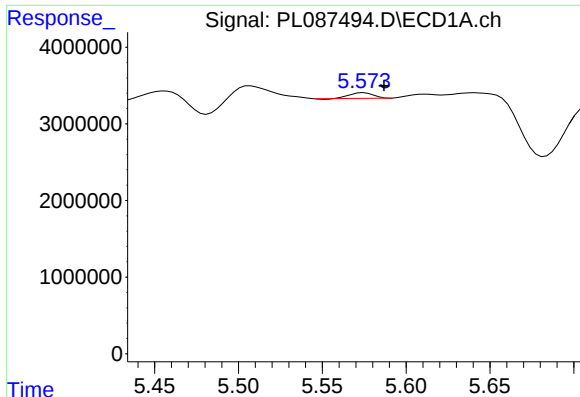
#7 delta-BHC

R.T.: 4.660 min  
Delta R.T.: -0.006 min  
Response: 984401  
Conc: 0.19 ng/ml



#7 delta-BHC

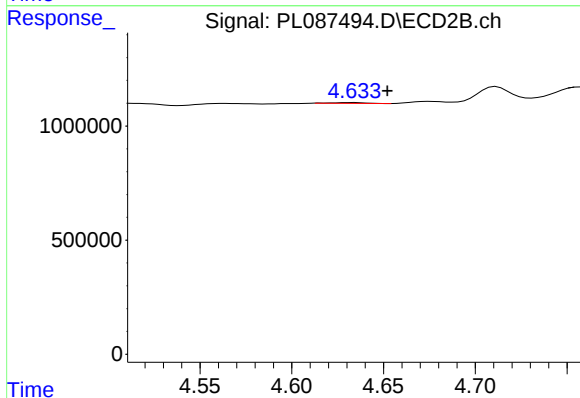
R.T.: 4.048 min  
Delta R.T.: -0.004 min  
Response: 110957  
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

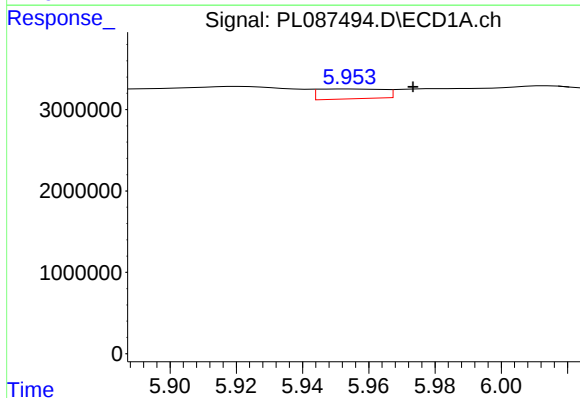
R.T.: 5.575 min  
Delta R.T.: -0.012 min  
Response: 695406  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



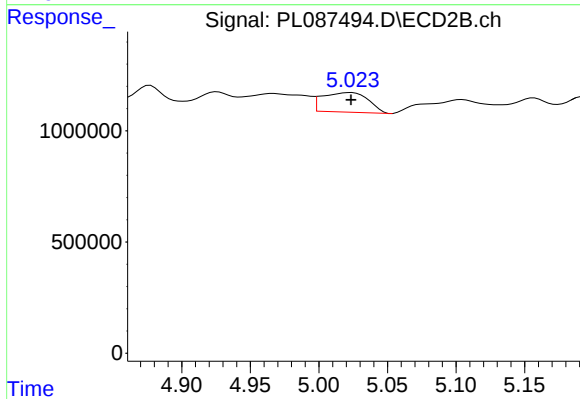
#8 Heptachlor epoxide

R.T.: 4.634 min  
Delta R.T.: -0.018 min  
Response: 40432  
Conc: 0.02 ng/ml



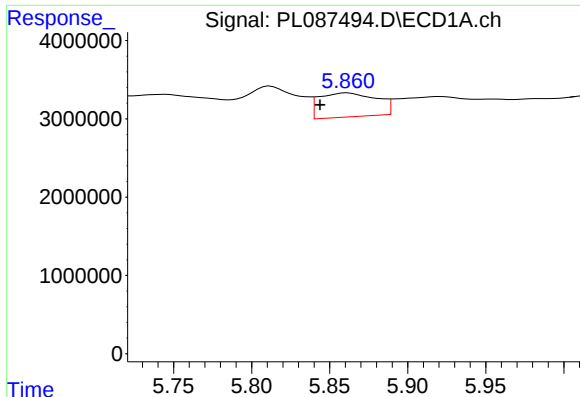
#9 Endosulfan I

R.T.: 5.955 min  
Delta R.T.: -0.019 min  
Response: 1649808  
Conc: 0.37 ng/ml



#9 Endosulfan I

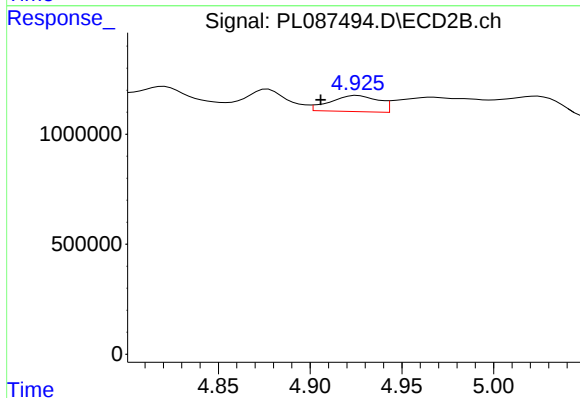
R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 2044014  
Conc: 0.95 ng/ml



#10 gamma-Chlordane

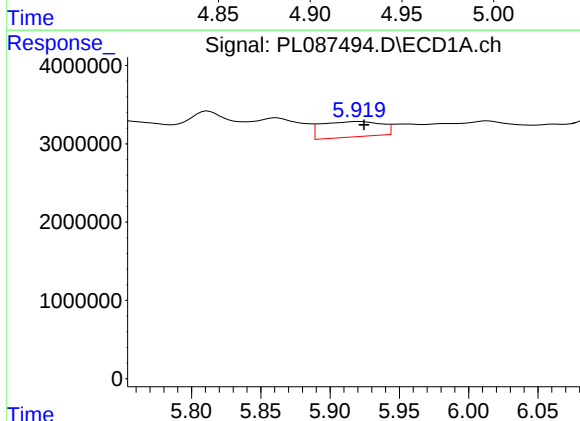
R.T.: 5.861 min  
Delta R.T.: 0.018 min  
Response: 7823037  
Conc: 1.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



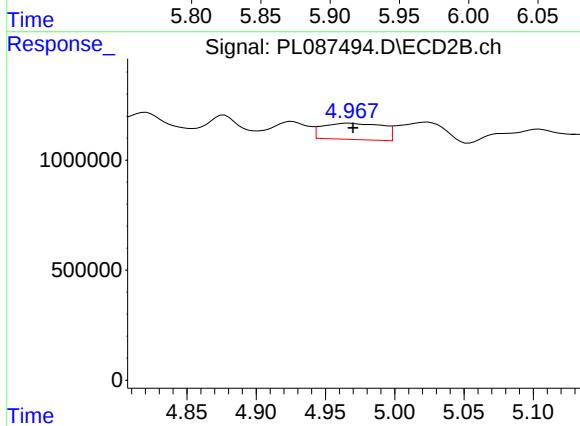
#10 gamma-Chlordane

R.T.: 4.926 min  
Delta R.T.: 0.020 min  
Response: 1342960  
Conc: 0.59 ng/ml



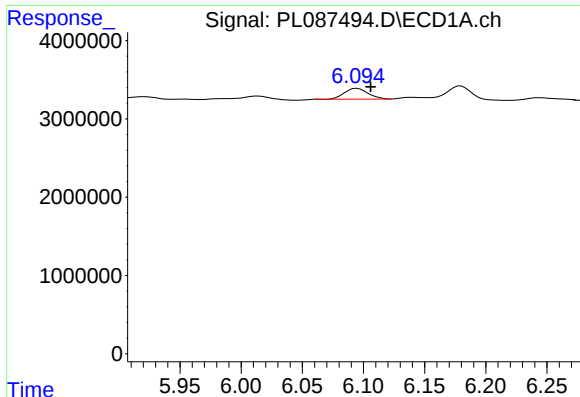
#11 alpha-Chlordane

R.T.: 5.921 min  
Delta R.T.: -0.004 min  
Response: 5907314  
Conc: 1.23 ng/ml



#11 alpha-Chlordane

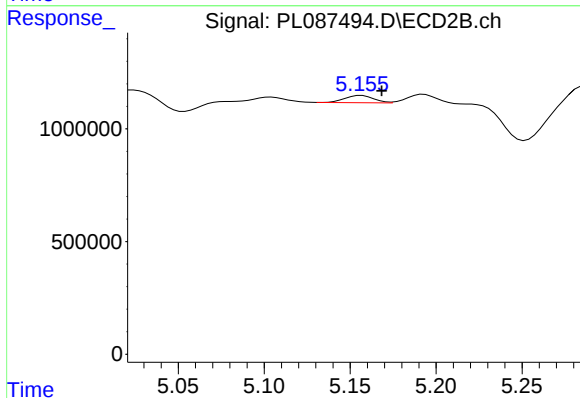
R.T.: 4.967 min  
Delta R.T.: -0.003 min  
Response: 2220441  
Conc: 0.96 ng/ml



#12 4,4'-DDE

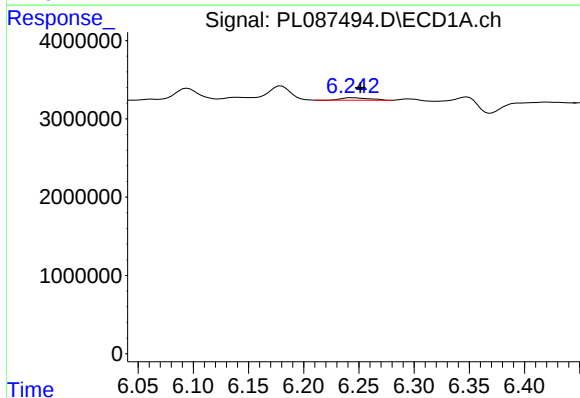
R.T.: 6.095 min  
Delta R.T.: -0.011 min  
Response: 1846437  
Conc: 0.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



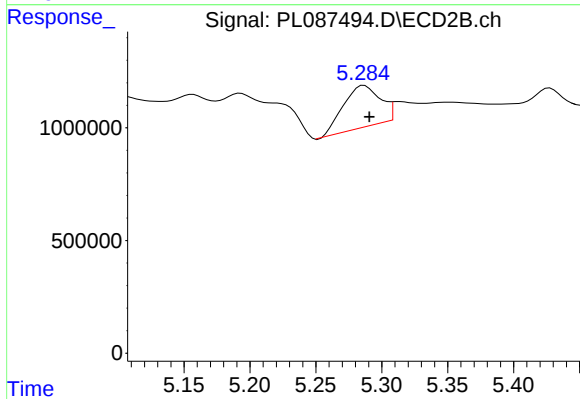
#12 4,4'-DDE

R.T.: 5.157 min  
Delta R.T.: -0.012 min  
Response: 368733  
Conc: 0.19 ng/ml



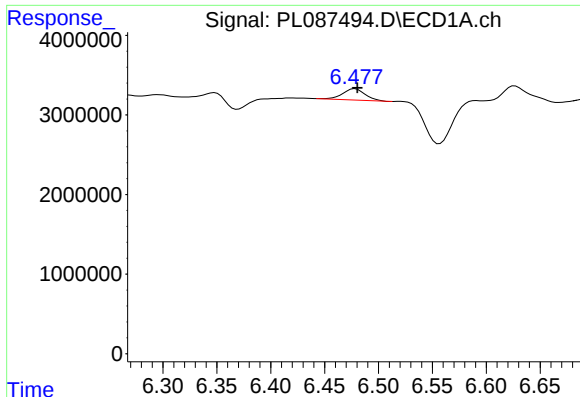
#13 Dieldrin

R.T.: 6.244 min  
Delta R.T.: -0.008 min  
Response: 580838  
Conc: 0.13 ng/ml



#13 Dieldrin

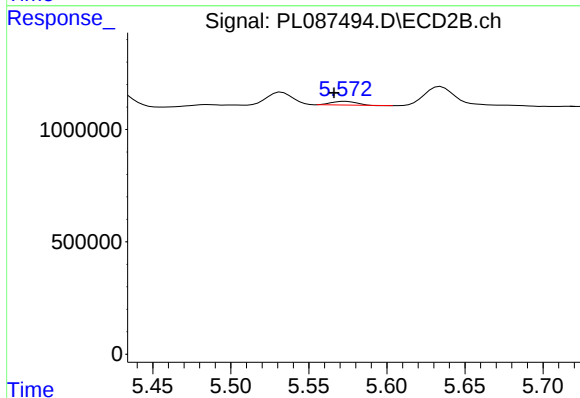
R.T.: 5.287 min  
Delta R.T.: -0.004 min  
Response: 3545855  
Conc: 1.59 ng/ml



#14 Endrin

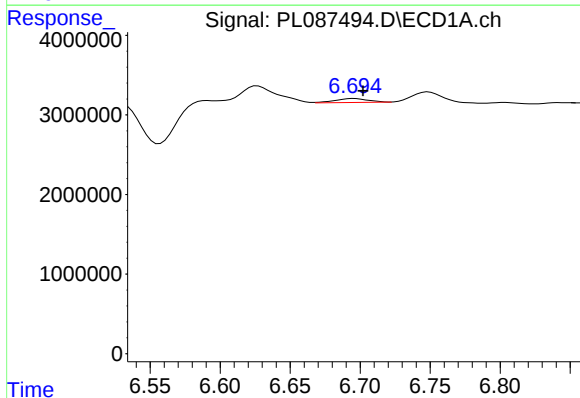
R.T.: 6.478 min  
Delta R.T.: -0.002 min  
Response: 2103528  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



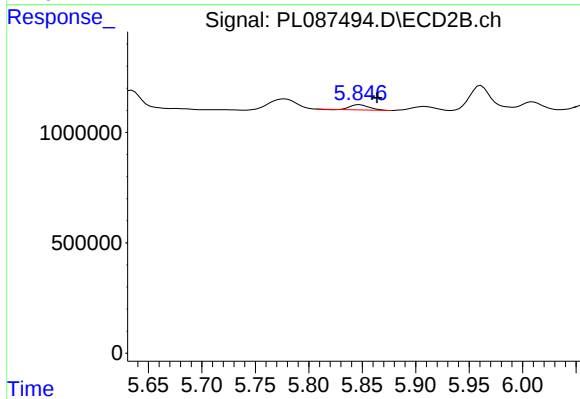
#14 Endrin

R.T.: 5.573 min  
Delta R.T.: 0.007 min  
Response: 189282  
Conc: 0.09 ng/ml



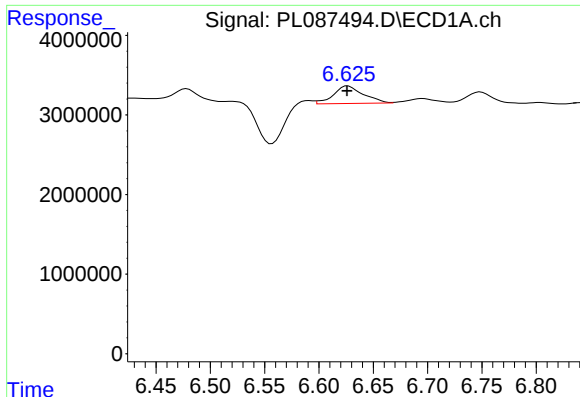
#15 Endosulfan II

R.T.: 6.696 min  
Delta R.T.: -0.006 min  
Response: 791277  
Conc: 0.20 ng/ml



#15 Endosulfan II

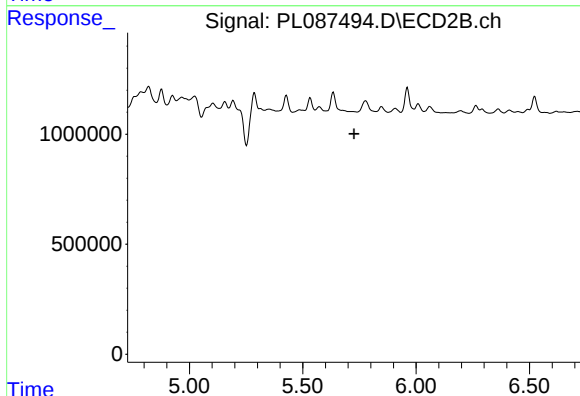
R.T.: 5.847 min  
Delta R.T.: -0.016 min  
Response: 295566  
Conc: 0.15 ng/ml



#16 4,4'-DDD

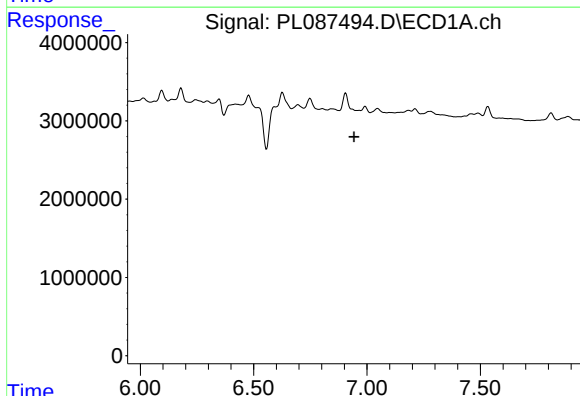
R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 4197835  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



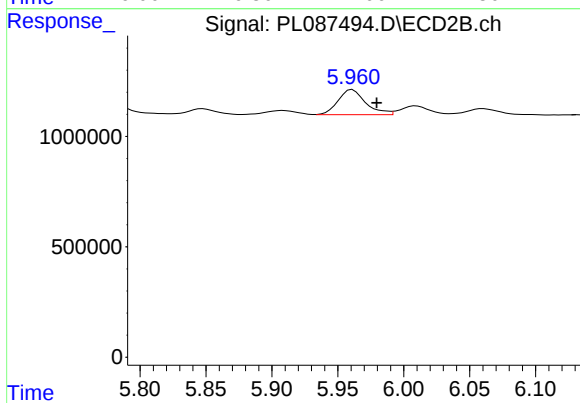
#16 4,4'-DDD

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



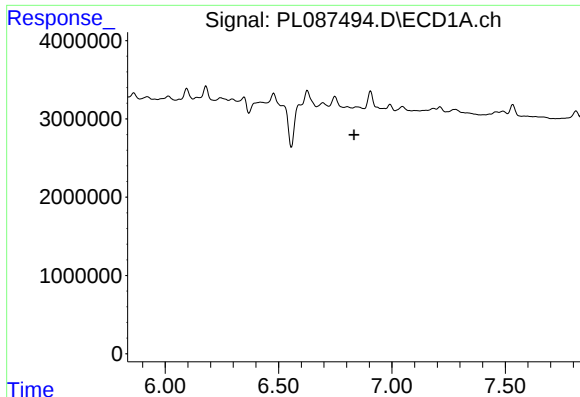
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.943 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

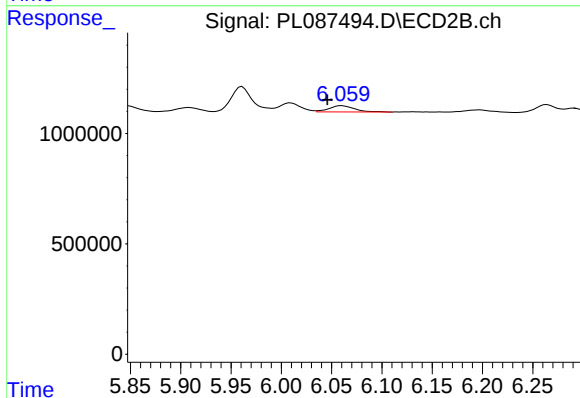
R.T.: 5.961 min  
Delta R.T.: -0.018 min  
Response: 1654507  
Conc: 0.90 ng/ml



#18 Endrin aldehyde

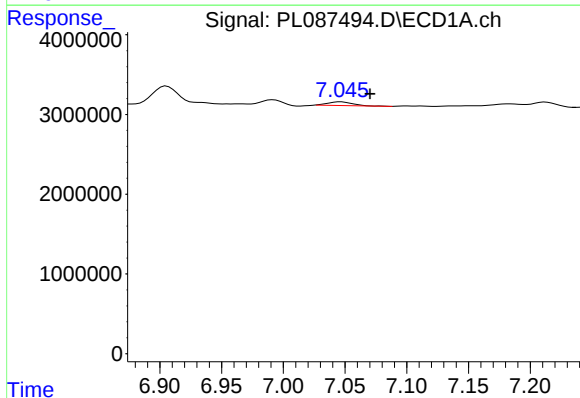
R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



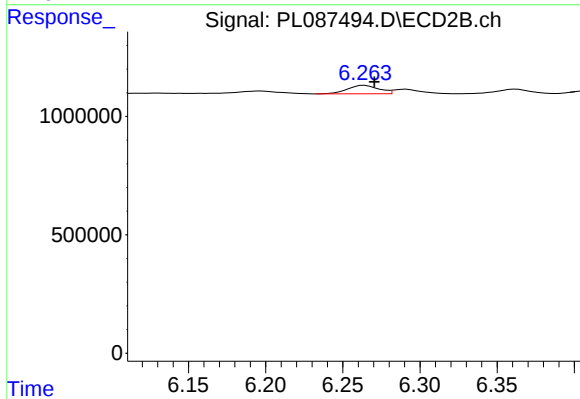
#18 Endrin aldehyde

R.T.: 6.060 min  
Delta R.T.: 0.015 min  
Response: 496520  
Conc: 0.34 ng/ml



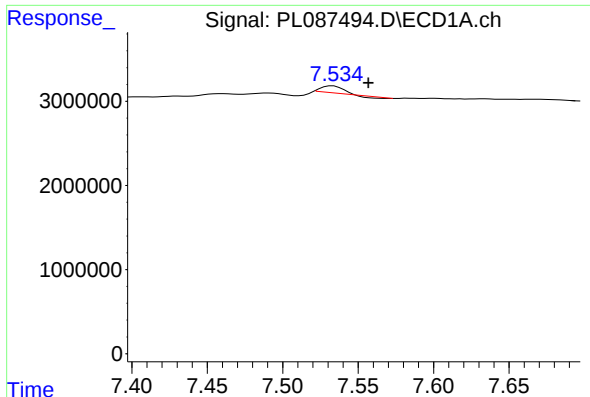
#19 Endosulfan Sulfate

R.T.: 7.047 min  
Delta R.T.: -0.024 min  
Response: 637447  
Conc: 0.16 ng/ml



#19 Endosulfan Sulfate

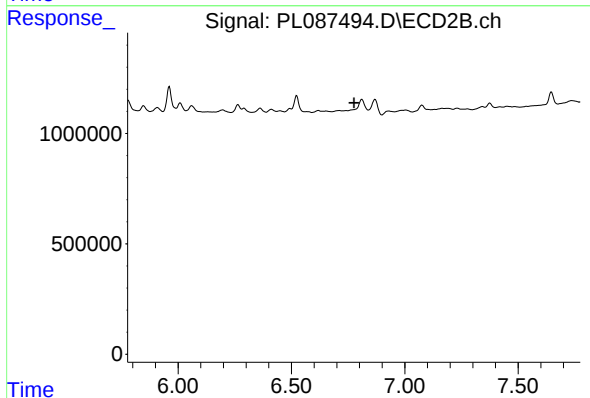
R.T.: 6.264 min  
Delta R.T.: -0.006 min  
Response: 499595  
Conc: 0.27 ng/ml



#21 Endrin ketone

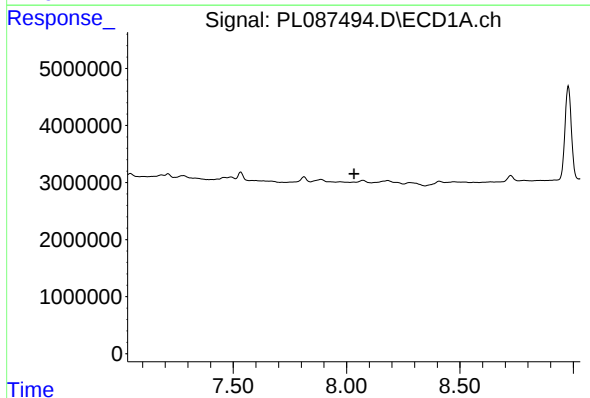
R.T.: 7.533 min  
Delta R.T.: -0.023 min  
Response: 681464  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



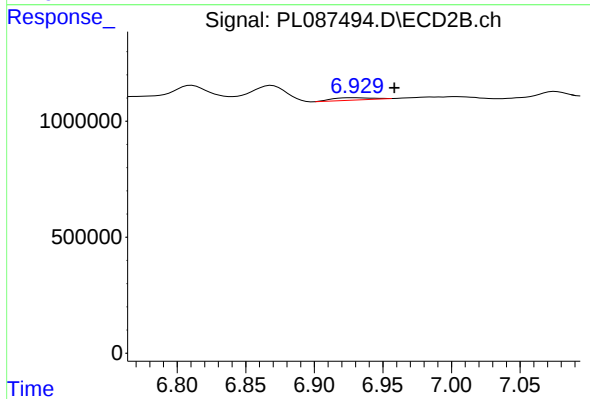
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.776 min  
Response: 0  
Conc: N.D.



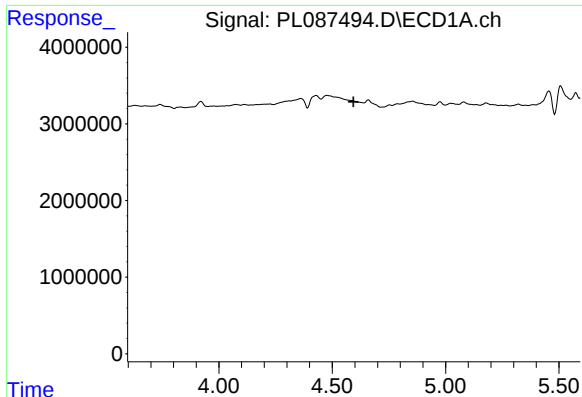
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.034 min  
Response: 0  
Conc: N.D.



#22 Mirex

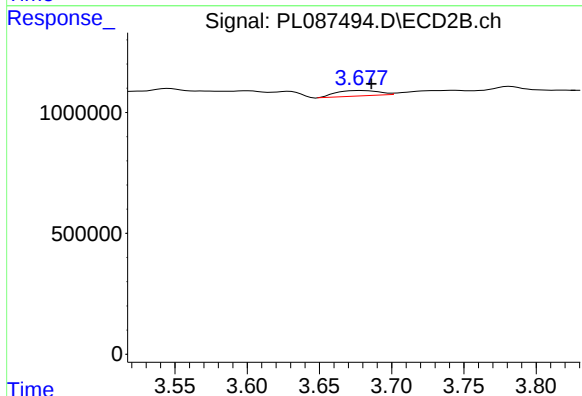
R.T.: 6.930 min  
Delta R.T.: -0.028 min  
Response: 209906  
Conc: 0.12 ng/ml



#23 Chlordane-1

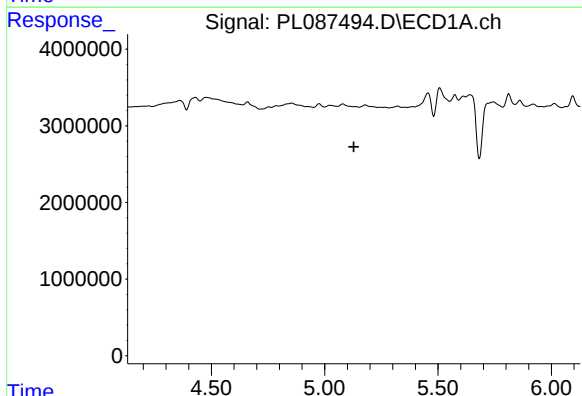
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



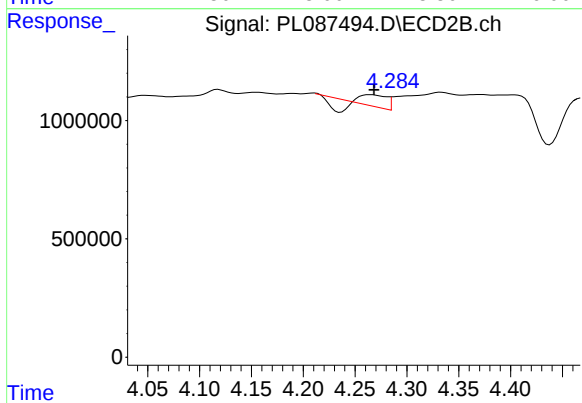
#23 Chlordane-1

R.T.: 3.678 min  
Delta R.T.: -0.007 min  
Response: 462185  
Conc: 7.45 ng/ml



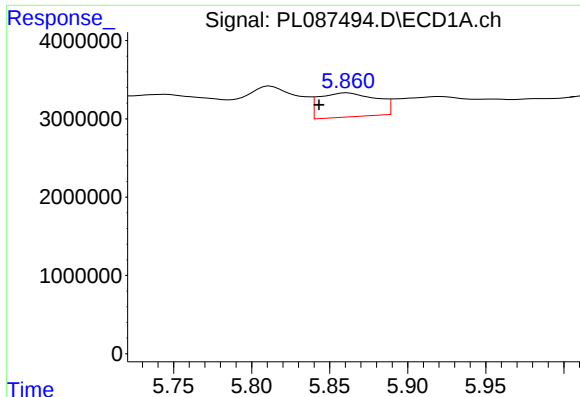
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.128 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

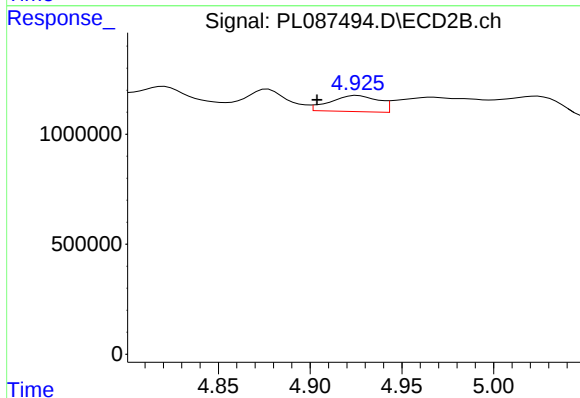
R.T.: 4.266 min  
Delta R.T.: -0.002 min  
Response: 332494  
Conc: 4.33 ng/ml



#25 Chlordane-3

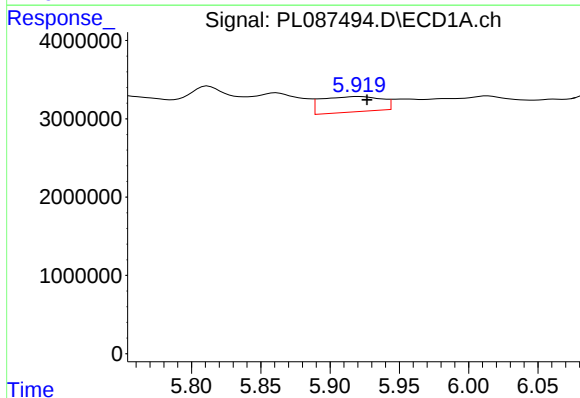
R.T.: 5.861 min  
Delta R.T.: 0.018 min  
Response: 7823037  
Conc: 11.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



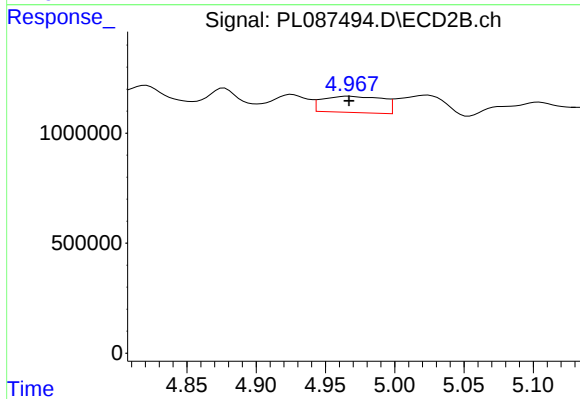
#25 Chlordane-3

R.T.: 4.926 min  
Delta R.T.: 0.022 min  
Response: 1342960  
Conc: 6.07 ng/ml



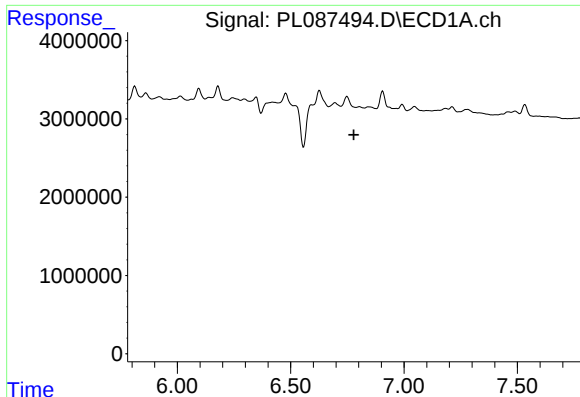
#26 Chlordane-4

R.T.: 5.921 min  
Delta R.T.: -0.006 min  
Response: 5907314  
Conc: 6.91 ng/ml



#26 Chlordane-4

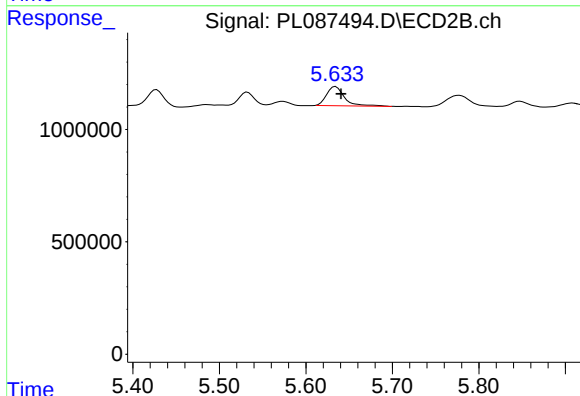
R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 2220441  
Conc: 9.54 ng/ml



#27 Chlordane-5

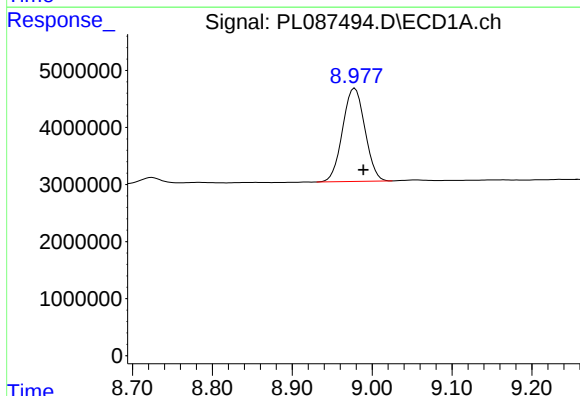
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



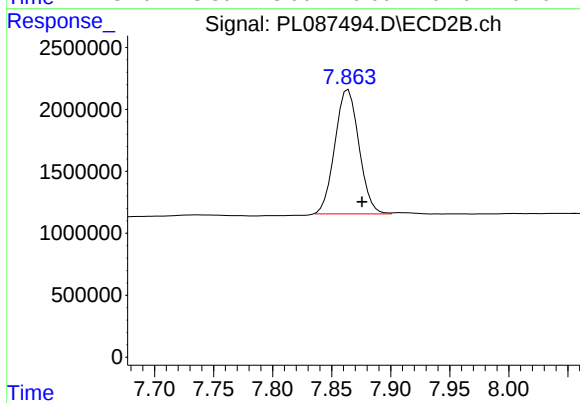
#27 Chlordane-5

R.T.: 5.634 min  
Delta R.T.: -0.006 min  
Response: 1224757  
Conc: 18.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.011 min  
Response: 31764871  
Conc: 9.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: -0.012 min  
Response: 14226074  
Conc: 8.42 ng/ml