

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051024\  
 Data File : PL089490.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2024 01:34  
 Operator : AR\AJ  
 Sample : P2430-05  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 1011UMR-SS003-1224-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 11 07:19:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 2024  
 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... | 3.551  | 2.797  | 22742622 | 13570622 | 11.294 | 10.577   |
| 28)                         | SA Decachlor... | 9.068  | 7.949  | 138.1E6  | 133.2E6  | 98.685 | 99.042   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.010  | 0.000  | 481291   | 0        | 0.169  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.335  | 3.652f | 91092    | 200732   | 0.033  | 0.109 #  |
| 4)                          | MA Heptachlor   | 4.936  | 3.970  | 314579   | 116540   | 0.127  | 0.067 #  |
| 5)                          | MB Aldrin       | 5.264  | 4.271f | 549129   | 330028   | 0.214  | 0.187    |
| 6)                          | B beta-BHC      | 0.000  | 3.923  | 0        | 52614    | N.D.   | 0.064 #  |
| 7)                          | B delta-BHC     | 4.773  | 4.172  | 331347   | 284706   | 0.125  | 0.158 #  |
| 8)                          | B Heptachlo...  | 5.690  | 4.758  | 1136928  | 270585   | 0.485  | 0.167 #  |
| 9)                          | A Endosulfan I  | 6.068  | 5.138  | 606622   | 26609    | 0.282  | 0.018 #  |
| 10)                         | B gamma-Chl...  | 5.972f | 4.988f | 795665   | 816762   | 0.348  | 0.498 #  |
| 11)                         | B alpha-Chl...  | 6.033  | 5.086  | 470296   | 154884   | 0.207  | 0.094 #  |
| 12)                         | B 4,4'-DDE      | 6.203  | 5.262  | 2800060  | 970699   | 1.384  | 0.668 #  |
| 13)                         | MA Dieldrin     | 6.353  | 5.395  | 203544   | 492593   | 0.091  | 0.306 #  |
| 14)                         | MA Endrin       | 6.583  | 5.678  | 539720   | 23757    | 0.285  | 0.017 #  |
| 15)                         | B Endosulfa...  | 6.799  | 5.954  | 422229   | 425872   | 0.212  | 0.296 #  |
| 16)                         | A 4,4'-DDD      | 6.728  | 5.816  | 2518333  | 235795   | 1.493  | 0.191 #  |
| 17)                         | MA 4,4'-DDT     | 7.033  | 6.065  | 2168869  | 1734105  | 1.179  | 1.282    |
| 18)                         | B Endrin al...  | 6.907f | 6.161f | 29549    | 544366   | 0.020  | 0.489 #  |
| 19)                         | B Endosulfa...  | 7.149  | 6.363  | 926867   | 3229804  | 0.512  | 2.328 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.665f | 0        | 9251     | N.D.   | 0.012 #  |
| 21)                         | B Endrin ke...  | 7.660  | 0.000  | 347323   | 0        | 0.174  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 7.053  | 0        | 6869     | N.D.   | 0.005 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.807  | 0        | 157358   | N.D.   | 3.198 #  |
| 24)                         | Chlordane-2     | 5.237  | 4.387  | 269310   | 21267    | 2.563  | 0.334 #  |
| 25)                         | Chlordane-3     | 5.972f | 4.988f | 795665   | 816762   | 2.409  | 4.770 #  |
| 26)                         | Chlordane-4     | 6.033  | 5.086  | 470296   | 154884   | 1.154  | 0.963    |
| 27)                         | Chlordane-5     | 6.907f | 5.738  | 29549    | 1054022  | 0.355  | 20.595 # |
| -----                       |                 |        |        |          |          |        |          |

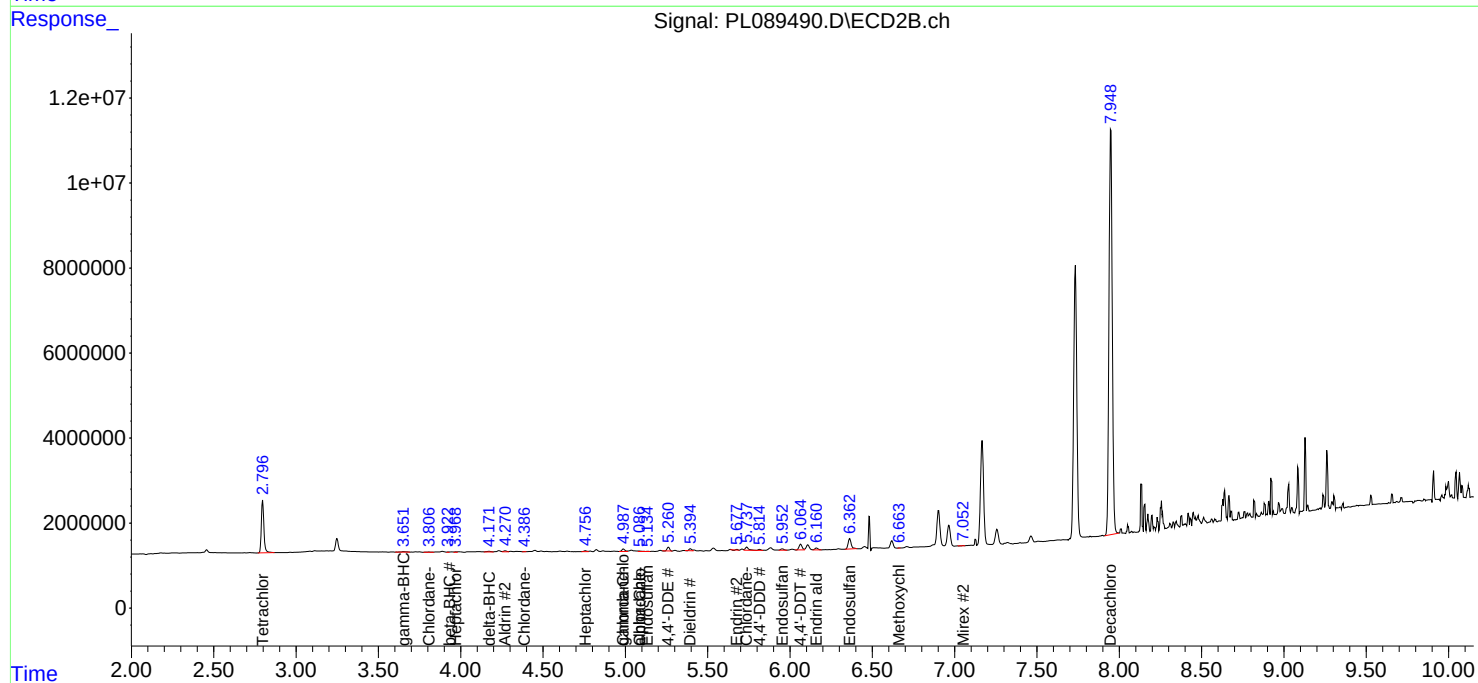
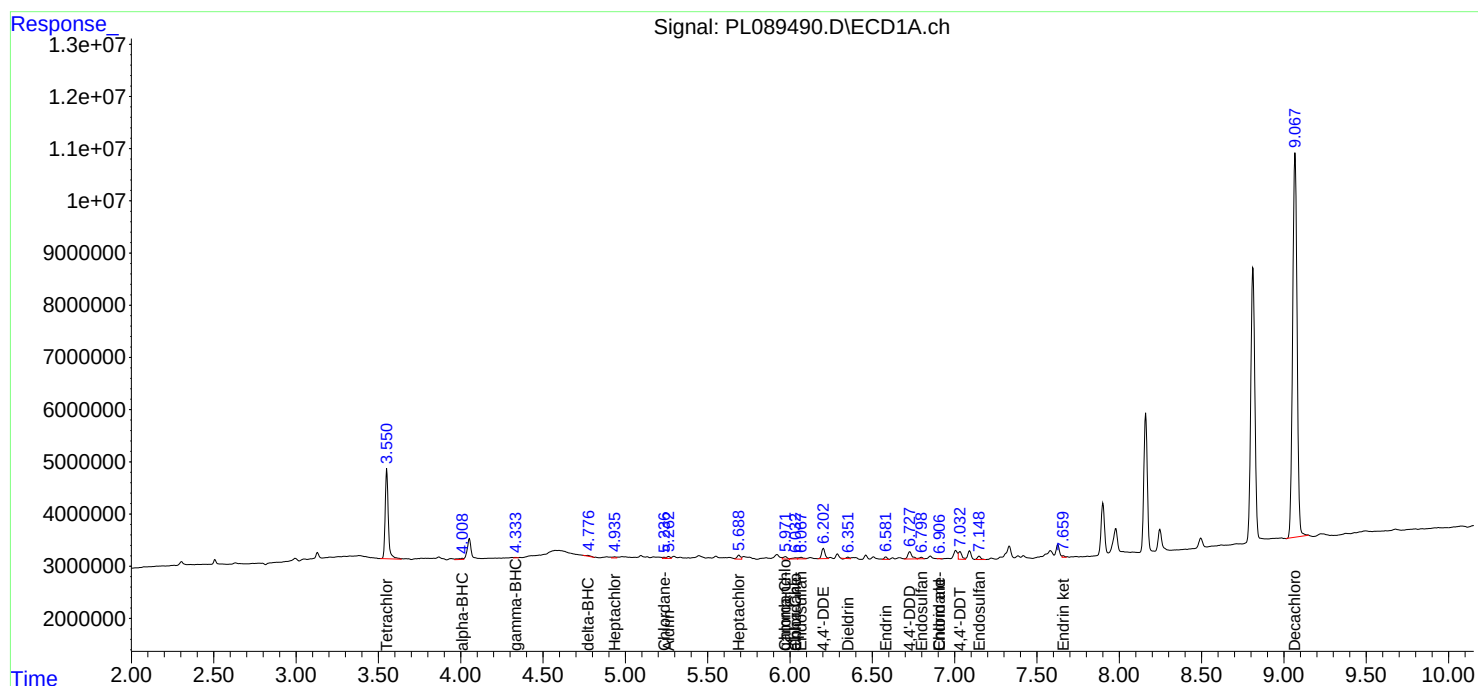
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

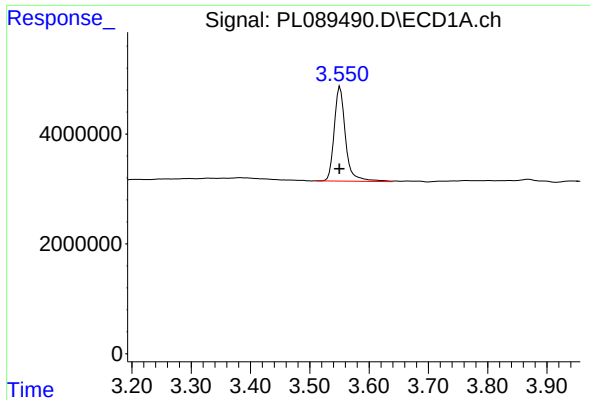
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051024\  
Data File : PL089490.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2024 01:34  
Operator : AR\AJ  
Sample : P2430-05  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 07:19:18 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 2024  
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

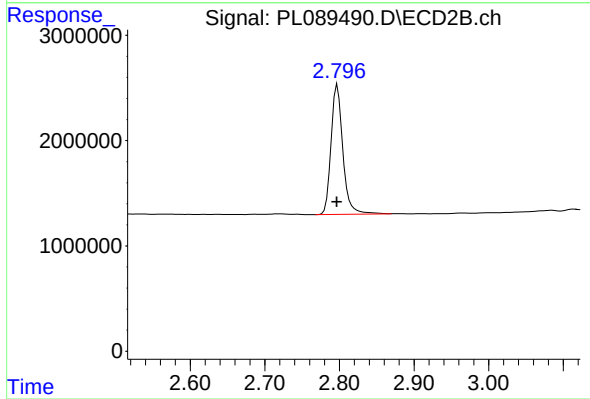




#1 Tetrachloro-m-xylene

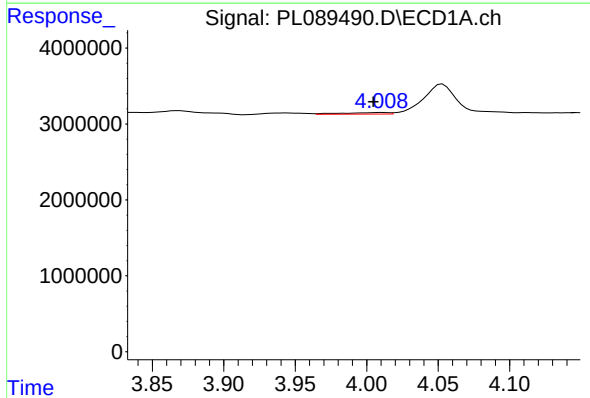
R.T.: 3.551 min  
Delta R.T.: 0.001 min  
Response: 22742622  
Conc: 11.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



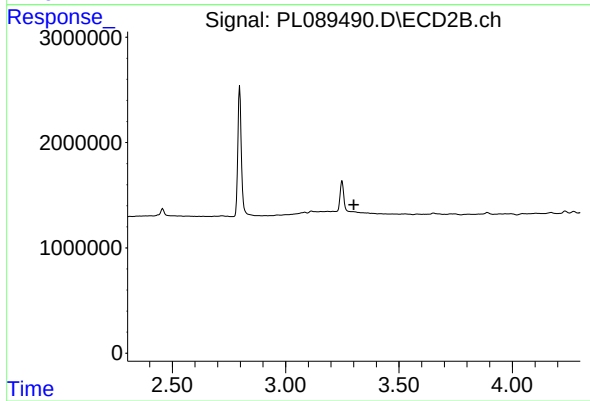
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.001 min  
Response: 13570622  
Conc: 10.58 ng/ml



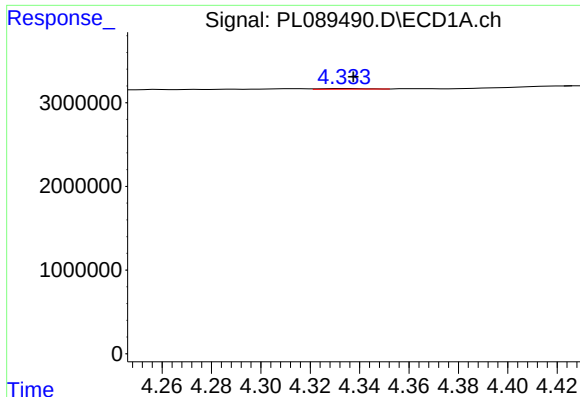
#2 alpha-BHC

R.T.: 4.010 min  
Delta R.T.: 0.005 min  
Response: 481291  
Conc: 0.17 ng/ml



#2 alpha-BHC

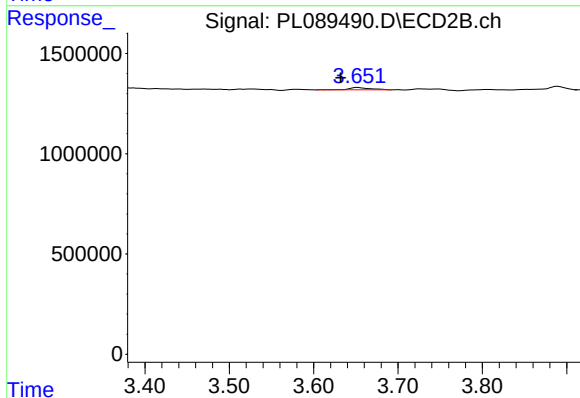
R.T.: 0.000 min  
Exp R.T. : 3.301 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

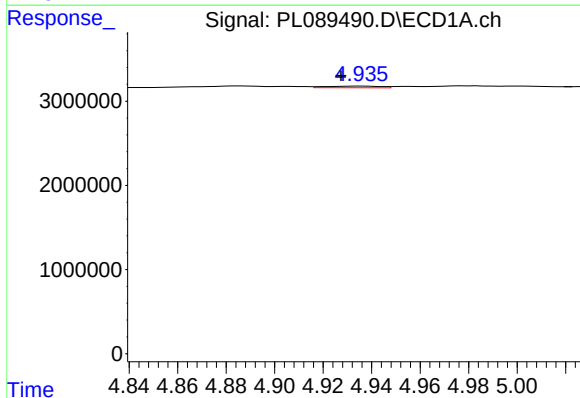
R.T.: 4.335 min  
Delta R.T.: -0.003 min  
Response: 91092  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



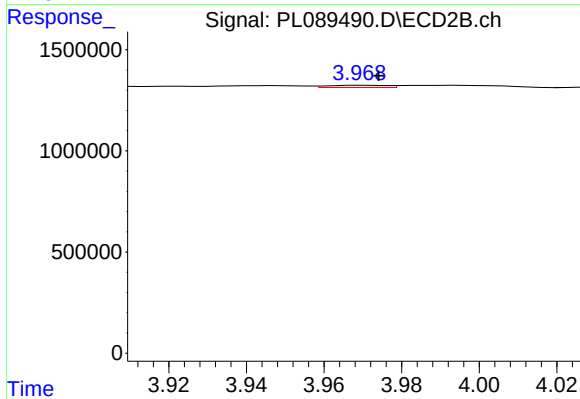
#3 gamma-BHC (Lindane)

R.T.: 3.652 min  
Delta R.T.: 0.020 min  
Response: 200732  
Conc: 0.11 ng/ml



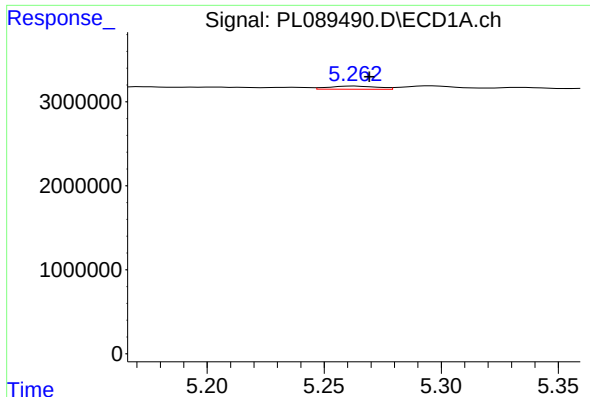
#4 Heptachlor

R.T.: 4.936 min  
Delta R.T.: 0.008 min  
Response: 314579  
Conc: 0.13 ng/ml



#4 Heptachlor

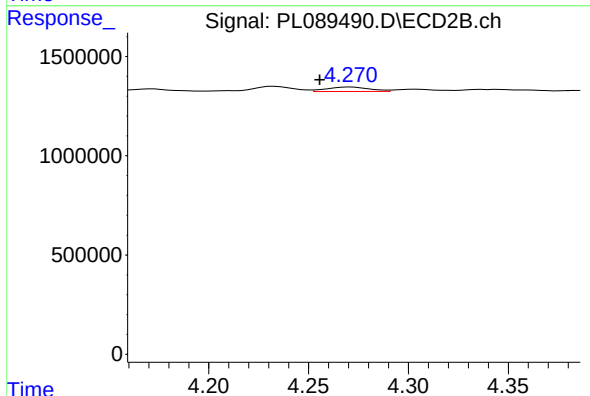
R.T.: 3.970 min  
Delta R.T.: -0.004 min  
Response: 116540  
Conc: 0.07 ng/ml



#5 Aldrin

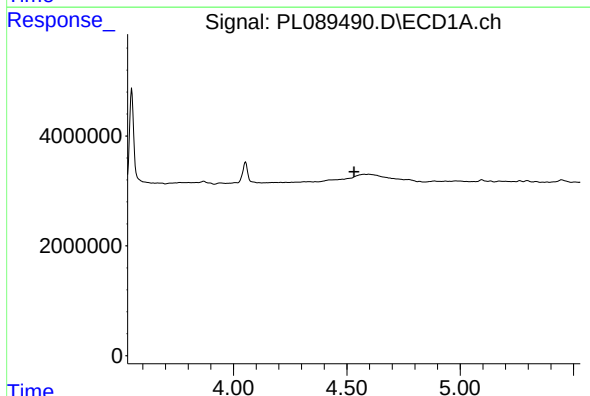
R.T.: 5.264 min  
Delta R.T.: -0.006 min  
Response: 549129  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



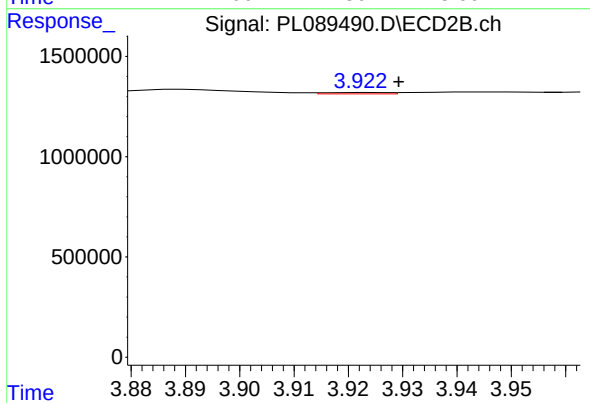
#5 Aldrin

R.T.: 4.271 min  
Delta R.T.: 0.016 min  
Response: 330028  
Conc: 0.19 ng/ml



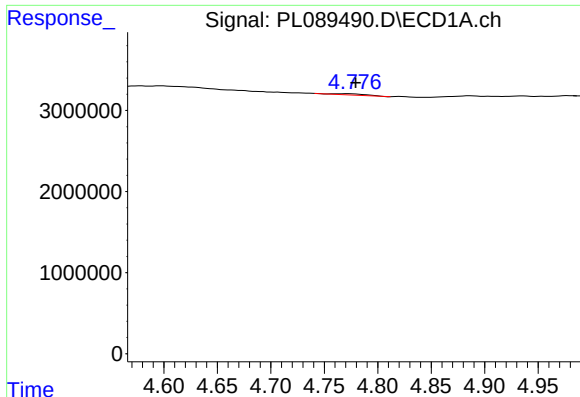
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.532 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

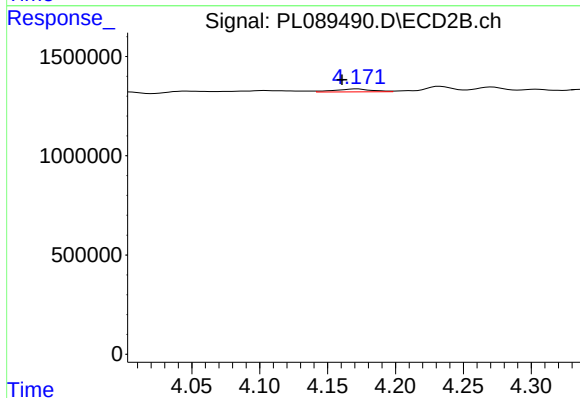
R.T.: 3.923 min  
Delta R.T.: -0.006 min  
Response: 52614  
Conc: 0.06 ng/ml



#7 delta-BHC

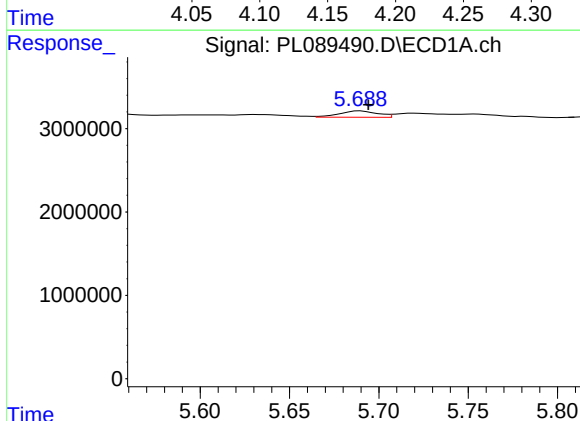
R.T.: 4.773 min  
Delta R.T.: -0.006 min  
Response: 331347  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



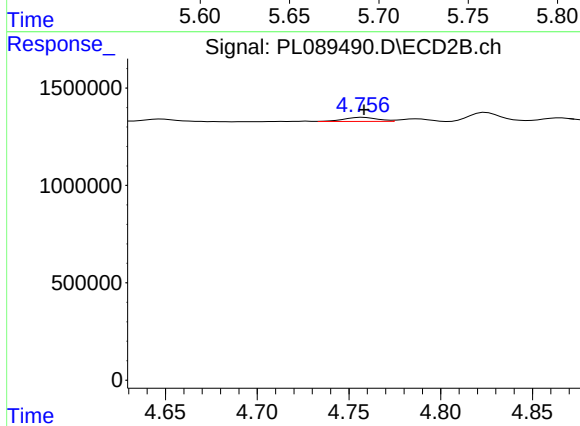
#7 delta-BHC

R.T.: 4.172 min  
Delta R.T.: 0.012 min  
Response: 284706  
Conc: 0.16 ng/ml



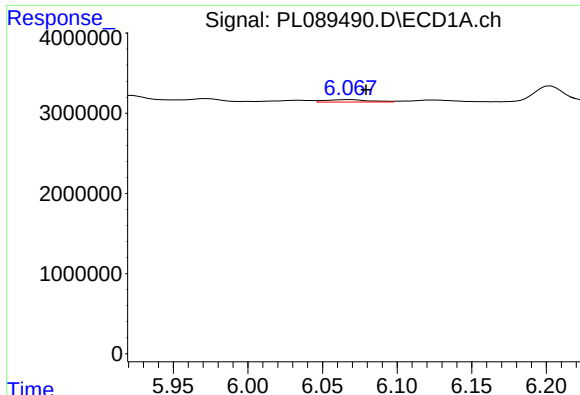
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.004 min  
Response: 1136928  
Conc: 0.48 ng/ml



#8 Heptachlor epoxide

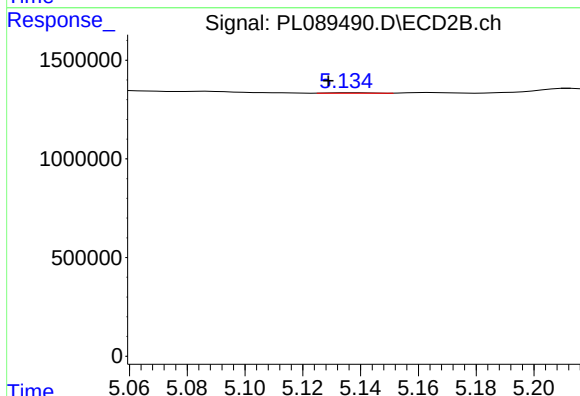
R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 270585  
Conc: 0.17 ng/ml



#9 Endosulfan I

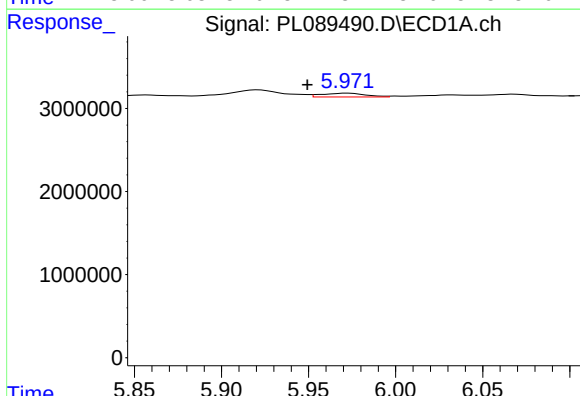
R.T.: 6.068 min  
Delta R.T.: -0.011 min  
Response: 606622  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



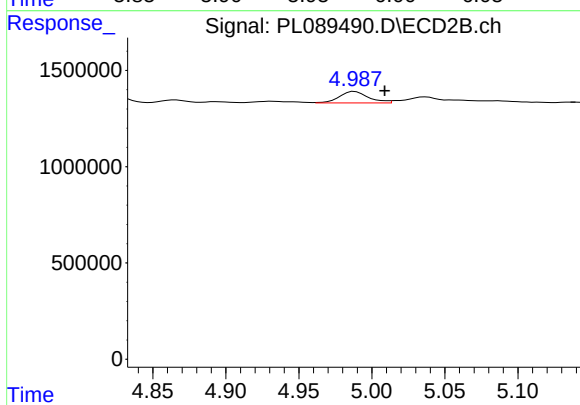
#9 Endosulfan I

R.T.: 5.138 min  
Delta R.T.: 0.009 min  
Response: 26609  
Conc: 0.02 ng/ml



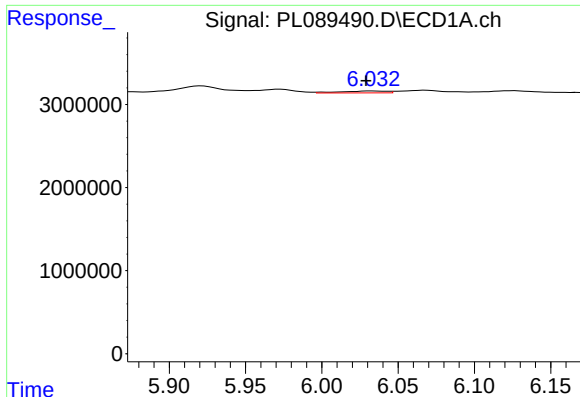
#10 gamma-Chlordane

R.T.: 5.972 min  
Delta R.T.: 0.023 min  
Response: 795665  
Conc: 0.35 ng/ml



#10 gamma-Chlordane

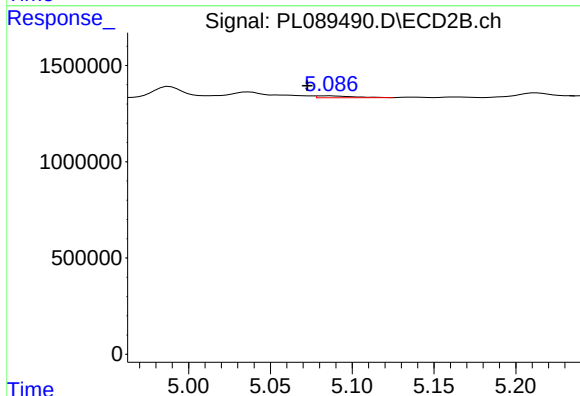
R.T.: 4.988 min  
Delta R.T.: -0.020 min  
Response: 816762  
Conc: 0.50 ng/ml



#11 alpha-Chlordane

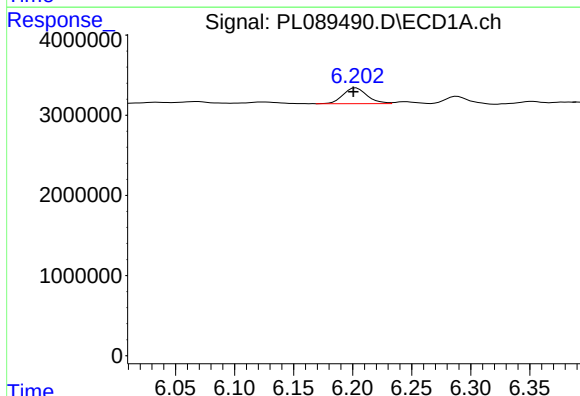
R.T.: 6.033 min  
Delta R.T.: 0.004 min  
Response: 470296  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



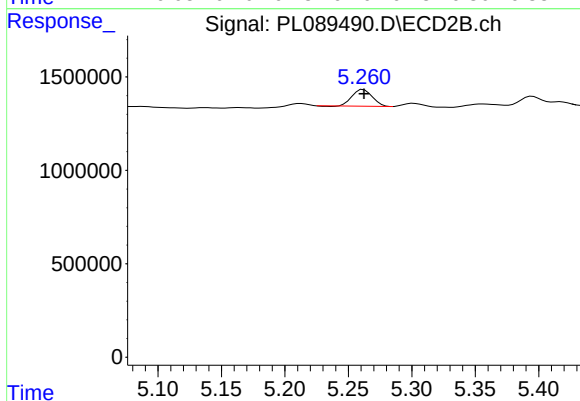
#11 alpha-Chlordane

R.T.: 5.086 min  
Delta R.T.: 0.014 min  
Response: 154884  
Conc: 0.09 ng/ml



#12 4,4'-DDE

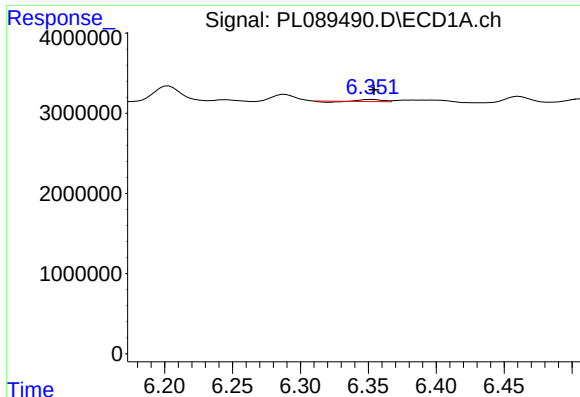
R.T.: 6.203 min  
Delta R.T.: 0.002 min  
Response: 2800060  
Conc: 1.38 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 970699  
Conc: 0.67 ng/ml

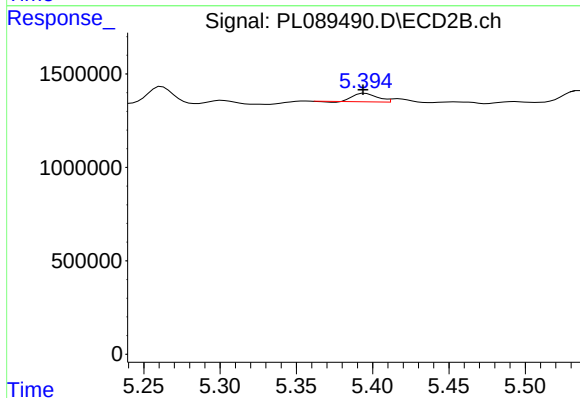




#13 Dieldrin

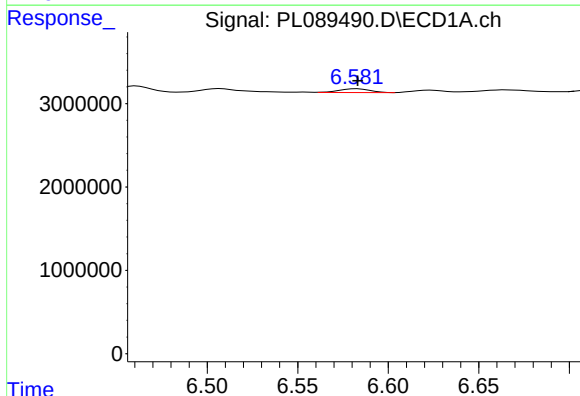
R.T.: 6.353 min  
Delta R.T.: -0.002 min  
Response: 203544  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



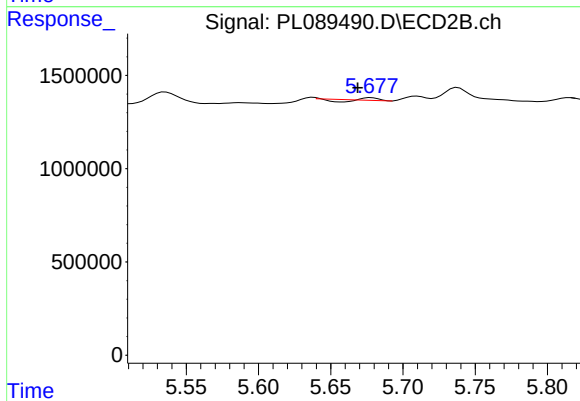
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: 0.001 min  
Response: 492593  
Conc: 0.31 ng/ml



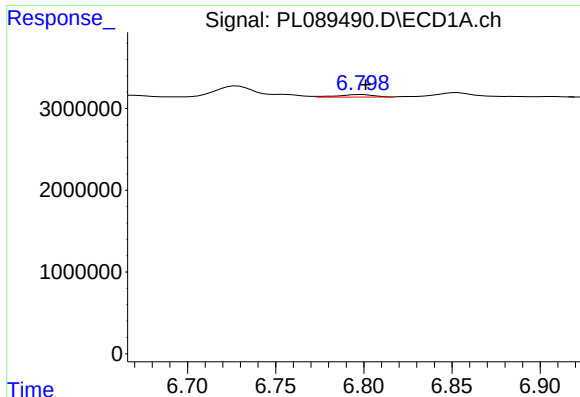
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 539720  
Conc: 0.28 ng/ml



#14 Endrin

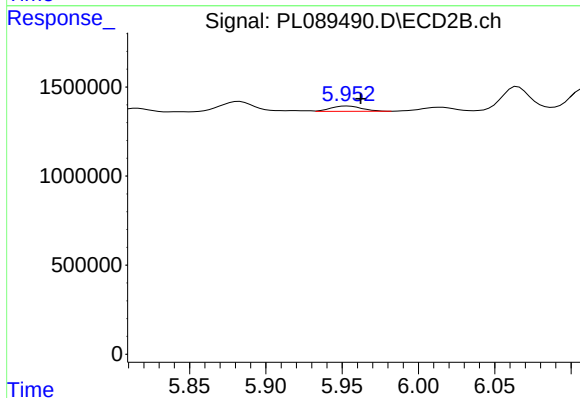
R.T.: 5.678 min  
Delta R.T.: 0.009 min  
Response: 23757  
Conc: 0.02 ng/ml



#15 Endosulfan II

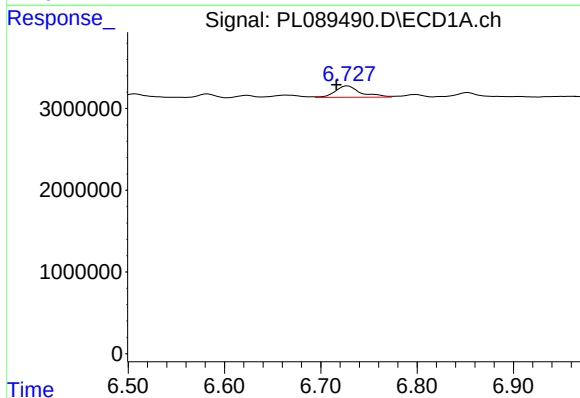
R.T.: 6.799 min  
Delta R.T.: -0.002 min  
Response: 422229  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



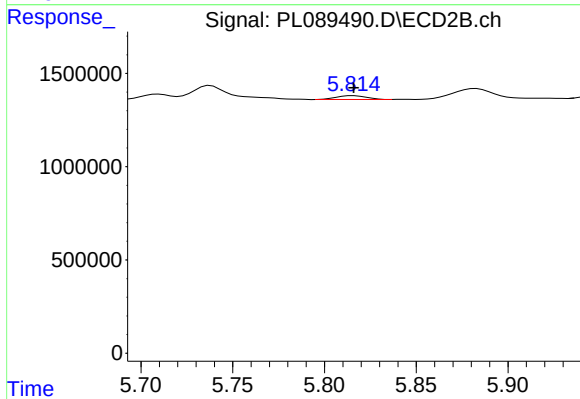
#15 Endosulfan II

R.T.: 5.954 min  
Delta R.T.: -0.008 min  
Response: 425872  
Conc: 0.30 ng/ml



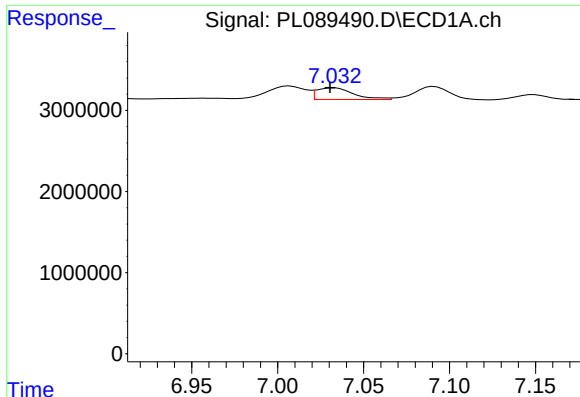
#16 4,4'-DDD

R.T.: 6.728 min  
Delta R.T.: 0.012 min  
Response: 2518333  
Conc: 1.49 ng/ml



#16 4,4'-DDD

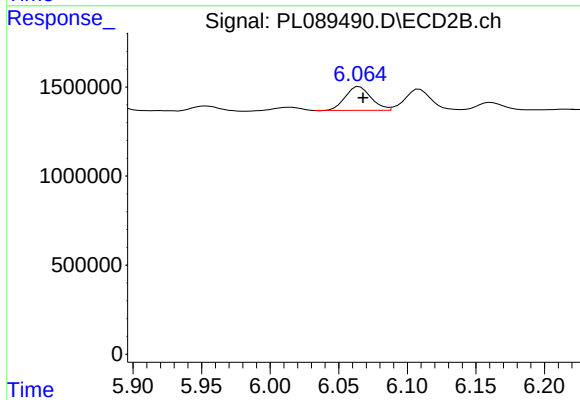
R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 235795  
Conc: 0.19 ng/ml



#17 4,4'-DDT

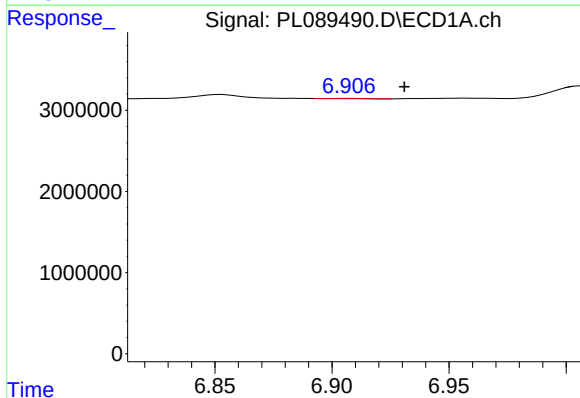
R.T.: 7.033 min  
Delta R.T.: 0.002 min  
Response: 2168869  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



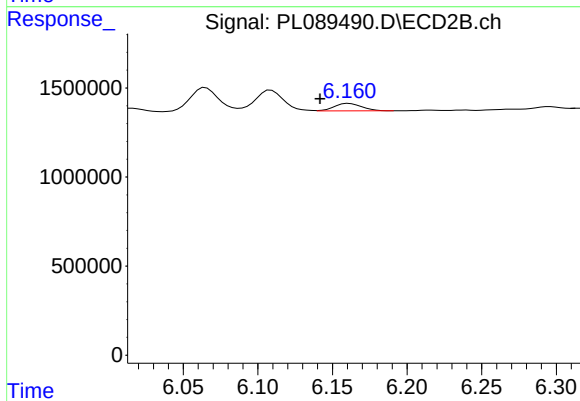
#17 4,4'-DDT

R.T.: 6.065 min  
Delta R.T.: -0.003 min  
Response: 1734105  
Conc: 1.28 ng/ml



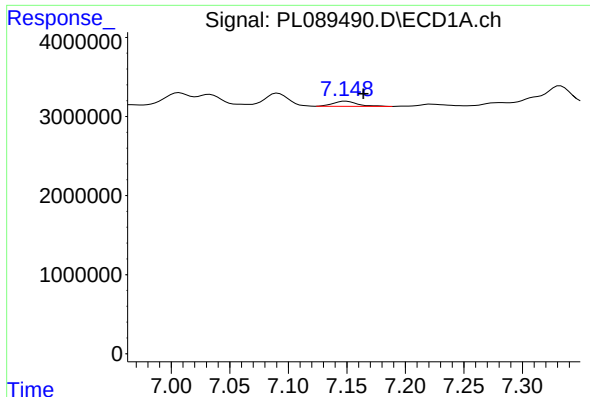
#18 Endrin aldehyde

R.T.: 6.907 min  
Delta R.T.: -0.024 min  
Response: 29549  
Conc: 0.02 ng/ml



#18 Endrin aldehyde

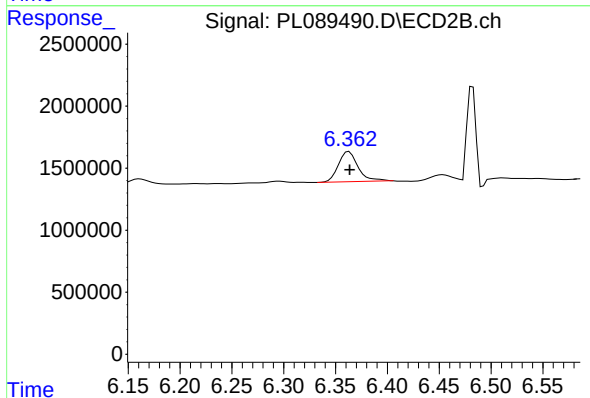
R.T.: 6.161 min  
Delta R.T.: 0.019 min  
Response: 544366  
Conc: 0.49 ng/ml



#19 Endosulfan Sulfate

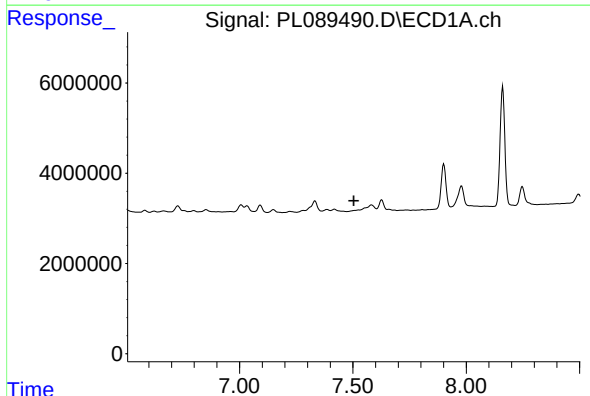
R.T.: 7.149 min  
Delta R.T.: -0.015 min  
Response: 926867  
Conc: 0.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



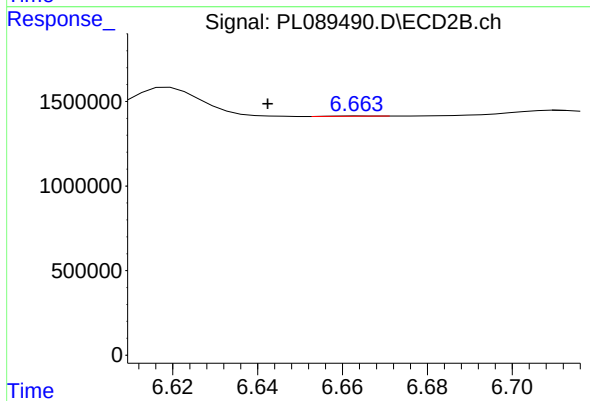
#19 Endosulfan Sulfate

R.T.: 6.363 min  
Delta R.T.: 0.000 min  
Response: 3229804  
Conc: 2.33 ng/ml



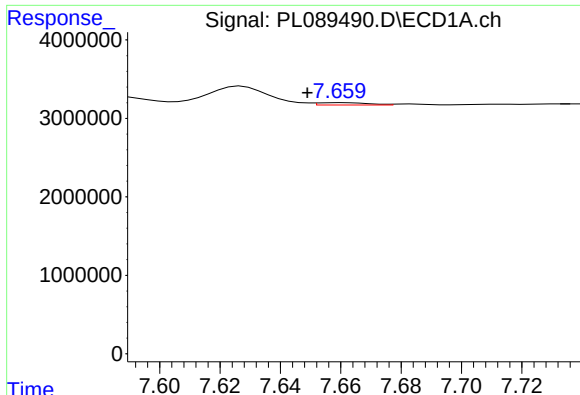
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.505 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

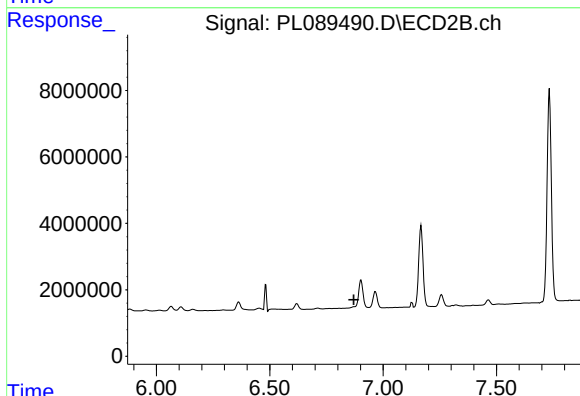
R.T.: 6.665 min  
Delta R.T.: 0.022 min  
Response: 9251  
Conc: 0.01 ng/ml



#21 Endrin ketone

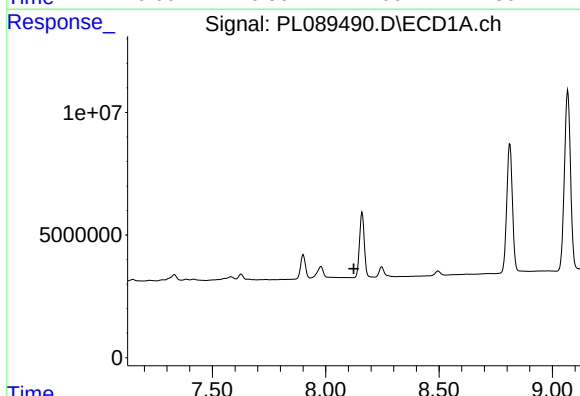
R.T.: 7.660 min  
Delta R.T.: 0.011 min  
Response: 347323  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



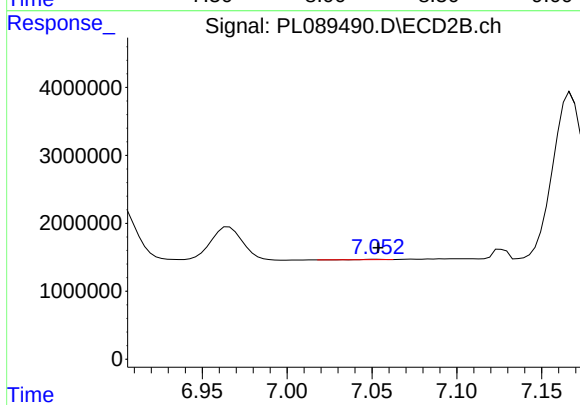
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



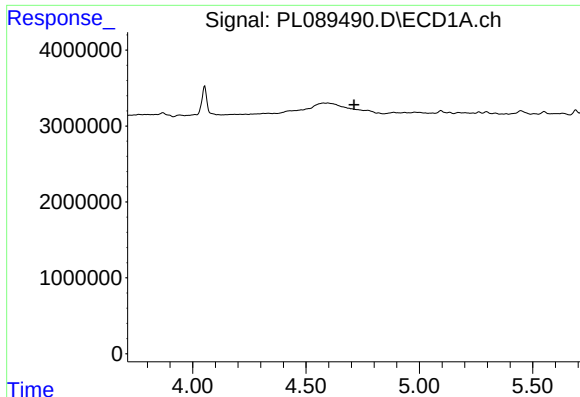
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.124 min  
Response: 0  
Conc: N.D.



#22 Mirex

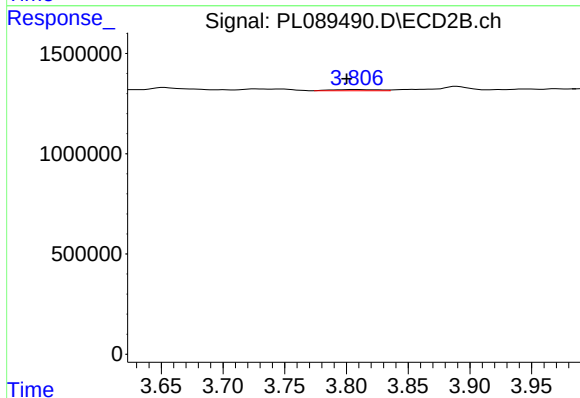
R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 6869  
Conc: 0.01 ng/ml



#23 Chlordane-1

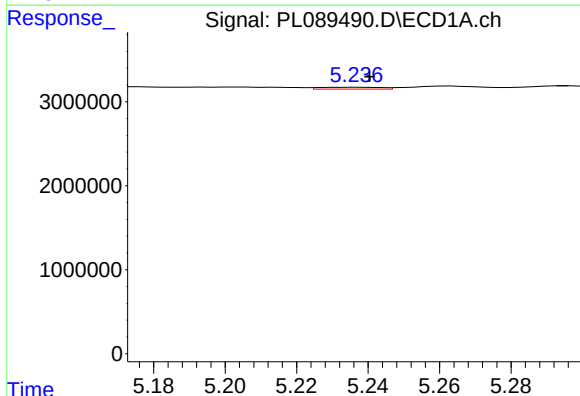
R.T.: 0.000 min  
Exp R.T.: 4.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



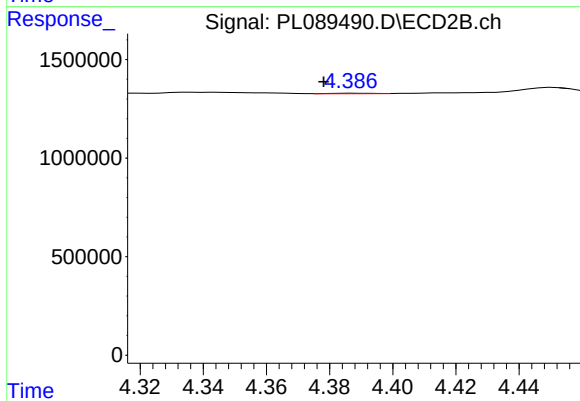
#23 Chlordane-1

R.T.: 3.807 min  
Delta R.T.: 0.007 min  
Response: 157358  
Conc: 3.20 ng/ml



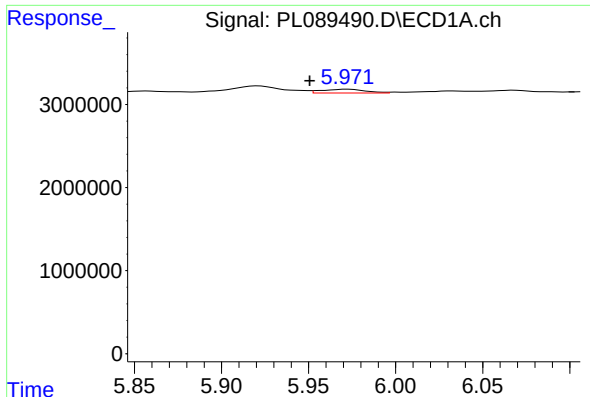
#24 Chlordane-2

R.T.: 5.237 min  
Delta R.T.: -0.004 min  
Response: 269310  
Conc: 2.56 ng/ml



#24 Chlordane-2

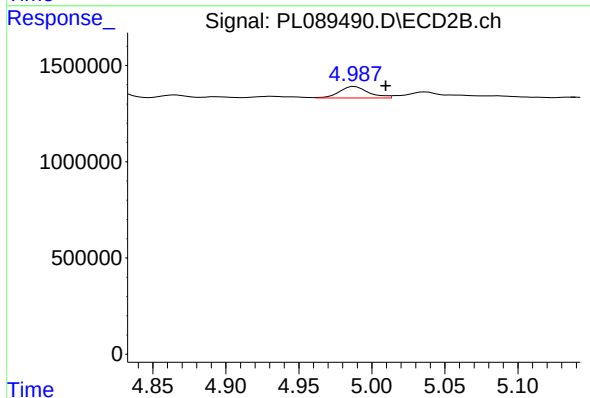
R.T.: 4.387 min  
Delta R.T.: 0.009 min  
Response: 21267  
Conc: 0.33 ng/ml



#25 Chlordane-3

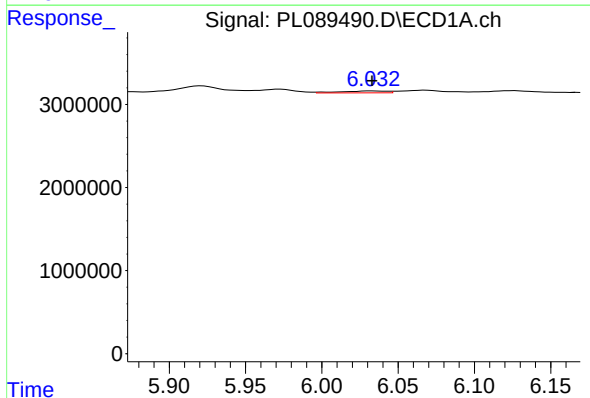
R.T.: 5.972 min  
Delta R.T.: 0.022 min  
Response: 795665  
Conc: 2.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



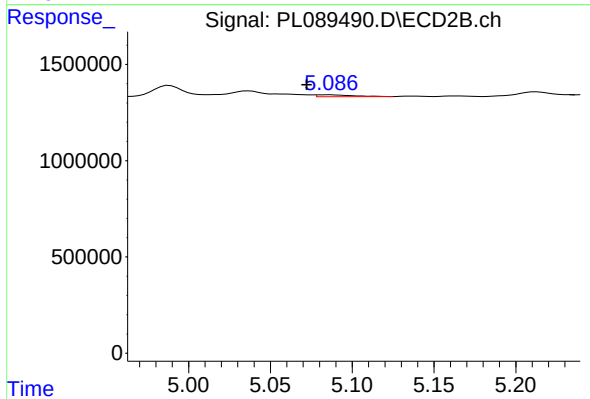
#25 Chlordane-3

R.T.: 4.988 min  
Delta R.T.: -0.021 min  
Response: 816762  
Conc: 4.77 ng/ml



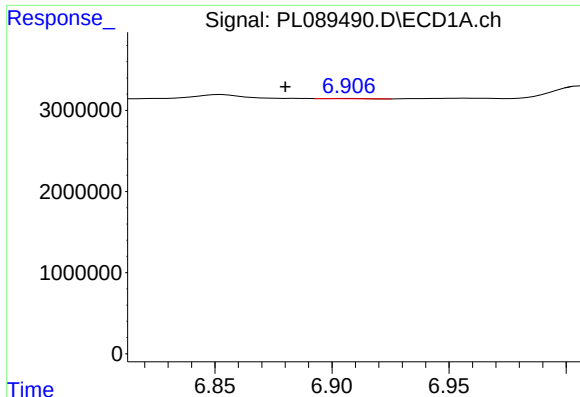
#26 Chlordane-4

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 470296  
Conc: 1.15 ng/ml



#26 Chlordane-4

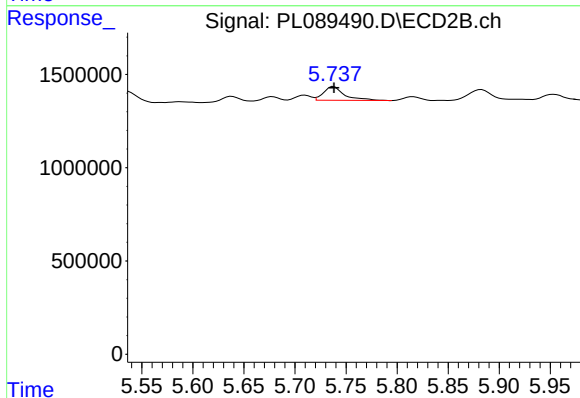
R.T.: 5.086 min  
Delta R.T.: 0.014 min  
Response: 154884  
Conc: 0.96 ng/ml



#27 Chlordane-5

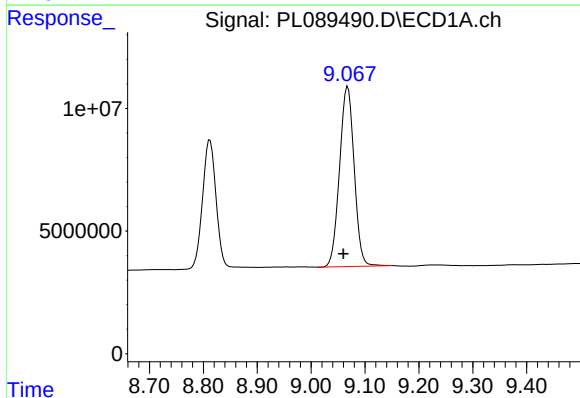
R.T.: 6.907 min  
Delta R.T.: 0.027 min  
Response: 29549  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1011UMR-SS003-1224-01



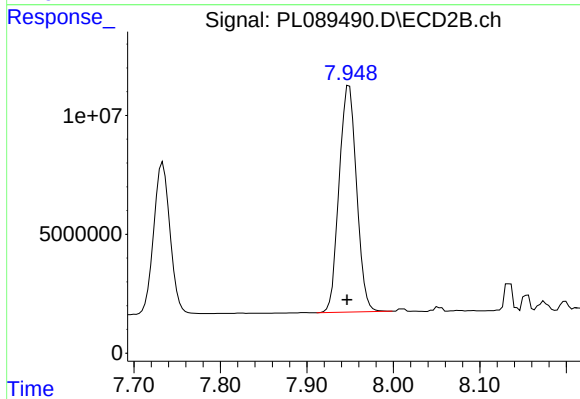
#27 Chlordane-5

R.T.: 5.738 min  
Delta R.T.: 0.000 min  
Response: 1054022  
Conc: 20.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.008 min  
Response: 138061630  
Conc: 98.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: 0.002 min  
Response: 133230533  
Conc: 99.04 ng/ml