

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070524\  
 Data File : PL090434.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jul 2024 09:57  
 Operator : AR\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 05 23:31:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 25 11:05:38 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 |                 |        |        |          |          |         |          |
| 28)                         | SA Decachlor... | 9.071  | 7.940  | 262147   | 987968   | 0.170   | 0.662 #  |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.994  | 3.306  | 165818   | 176216   | 0.053   | 0.079 #  |
| 3)                          | MA gamma-BHC... | 4.347  | 3.633  | -23957   | 653402   | N.D.    | 0.306    |
| 4)                          | MA Heptachlor   | 0.000  | 3.957  | 0        | 246649   | N.D.    | 0.119 #  |
| 5)                          | MB Aldrin       | 5.263  | 4.263f | 36670922 | 10995496 | 13.396  | 5.558 #  |
| 6)                          | B beta-BHC      | 4.508f | 3.934  | 596723   | 694426   | 0.443   | 0.719 #  |
| 7)                          | B delta-BHC     | 4.771  | 4.137f | 2325186  | 3039381  | 0.824   | 1.498 #  |
| 8)                          | B Heptachlo...  | 5.690  | 4.756  | 136.1E6  | -463335  | 53.376  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.955  | 4.997  | 19741370 | 3784572  | 7.813   | 1.975 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.084f | 0        | 6371723  | N.D.    | 3.327 #  |
| 12)                         | B 4,4'-DDE      | 6.194  | 0.000  | 3479870  | 0        | 1.594   | N.D. #   |
| 13)                         | MA Dieldrin     | 0.000  | 5.377  | 0        | 2088533  | N.D.    | 1.132 #  |
| 14)                         | MA Endrin       | 0.000  | 5.677f | 0        | 23433479 | N.D.    | 14.171 # |
| 15)                         | B Endosulfa...  | 6.778f | 5.938f | 25174669 | 1254337  | 11.386  | 0.764 #  |
| 16)                         | A 4,4'-DDD      | 6.688f | 0.000  | 52204224 | 0        | 28.494  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.077f | 0        | 481639   | N.D.    | 0.325 #  |
| 18)                         | B Endrin al...  | 6.907f | 6.113f | 18751796 | 495245   | 11.106  | 0.389 #  |
| 19)                         | B Endosulfa...  | 7.161  | 6.358  | 129828   | 348777   | 0.066   | 0.223 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.621  | 0        | 190773   | N.D.    | 0.229 #  |
| 22)                         | Mirex           | 8.139f | 0.000  | 3110591  | 0        | 1.789   | N.D. #   |
| 23)                         | Chlordane-1     | 4.685f | 3.794  | 403260   | 2306901  | 4.105   | 37.889 # |
| 24)                         | Chlordane-2     | 5.263f | 4.394f | 36670922 | 18968302 | 309.149 | 268.423  |
| 25)                         | Chlordane-3     | 5.955  | 4.997  | 19741370 | 3784572  | 53.695  | 18.744 # |
| 26)                         | Chlordane-4     | 0.000  | 5.041f | 0        | 8825575  | N.D.    | 46.227 # |
| 27)                         | Chlordane-5     | 6.867  | 5.750f | 13307528 | 906506   | 147.746 | 15.008 # |
| -----                       |                 |        |        |          |          |         |          |

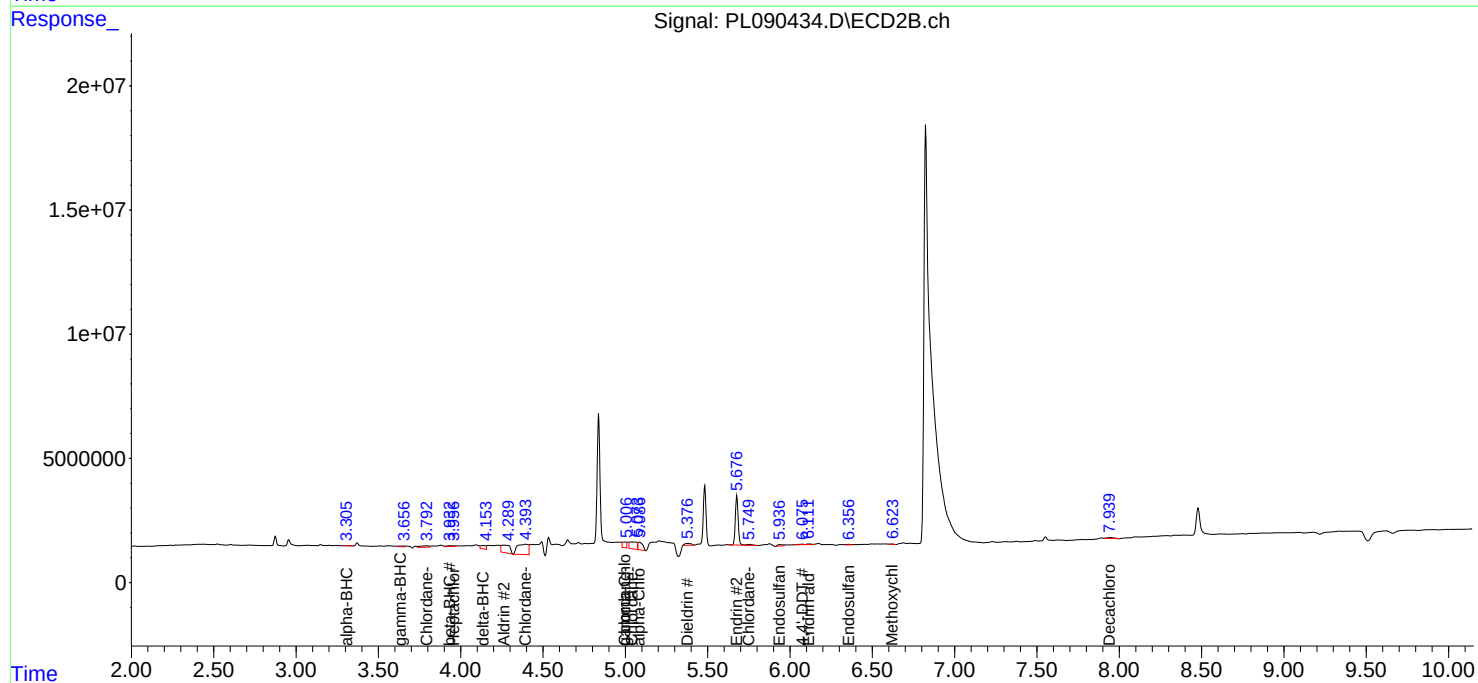
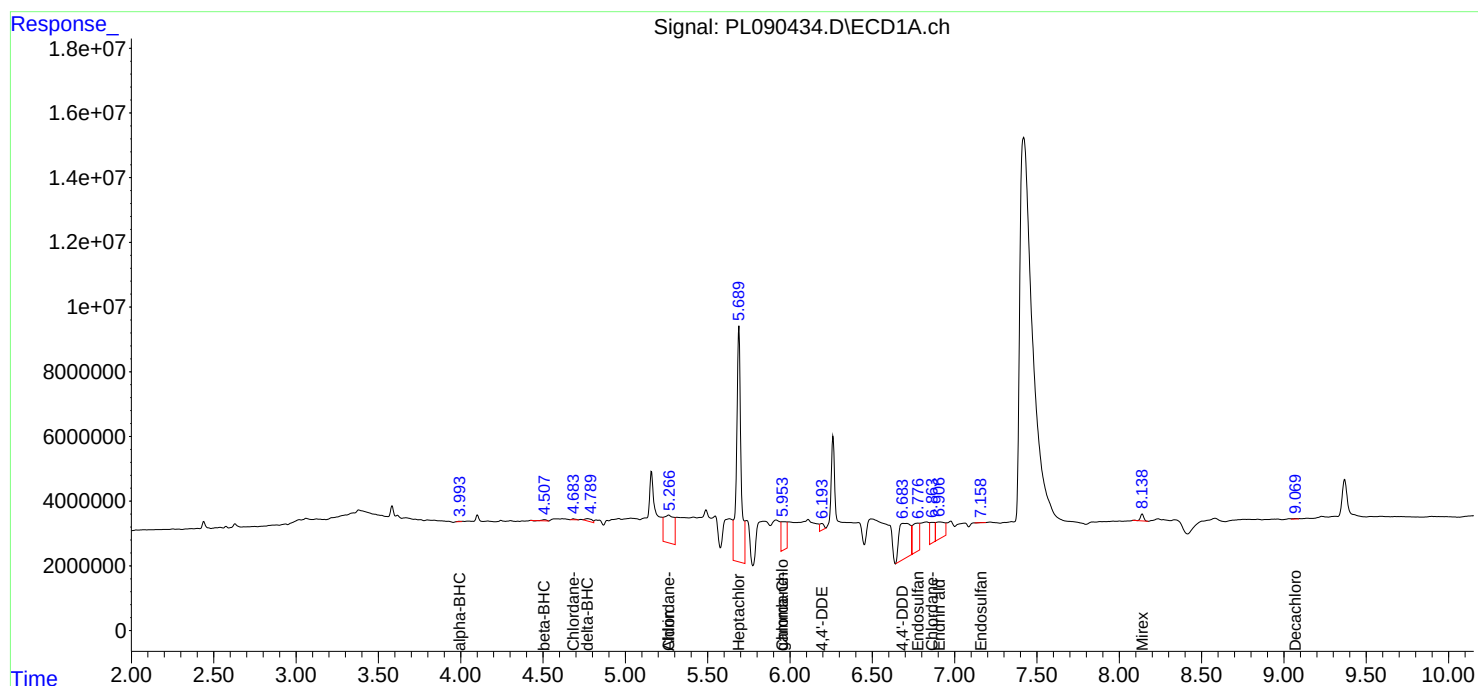
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

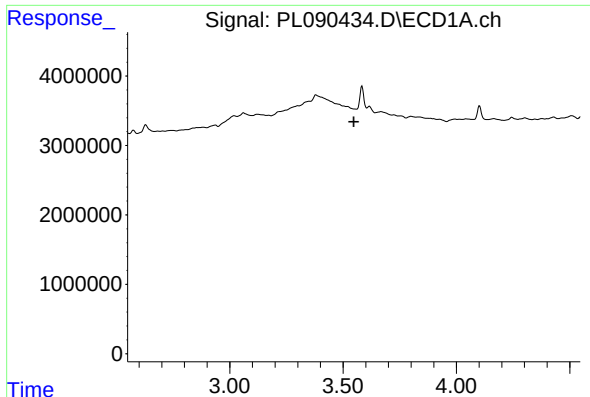
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070524\  
Data File : PL090434.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jul 2024 09:57  
Operator : AR\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 05 23:31:36 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 25 11:05:38 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

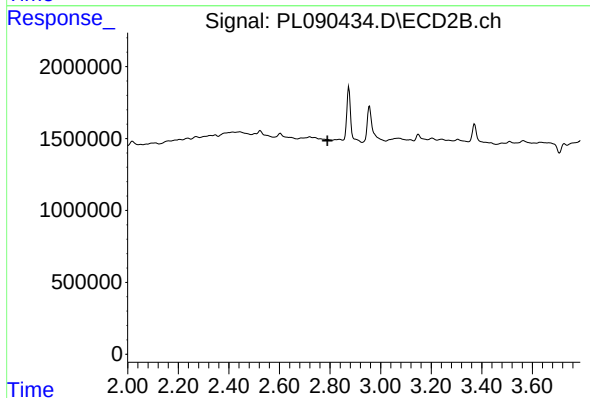




#1 Tetrachloro-m-xylene

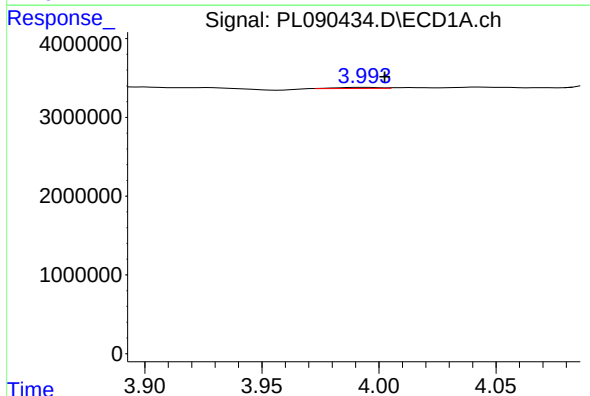
R.T.: 0.000 min  
Exp R.T.: 3.547 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



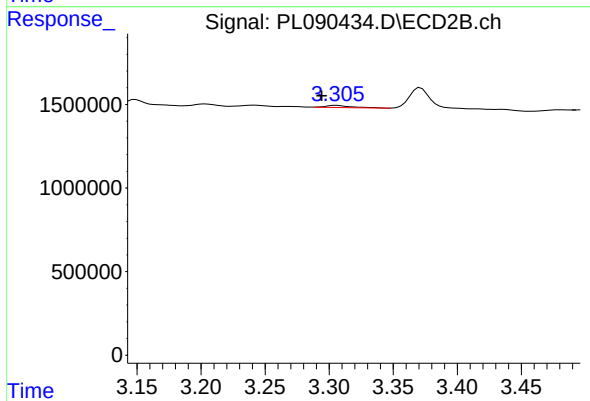
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T.: 2.790 min  
Response: 0  
Conc: N.D.



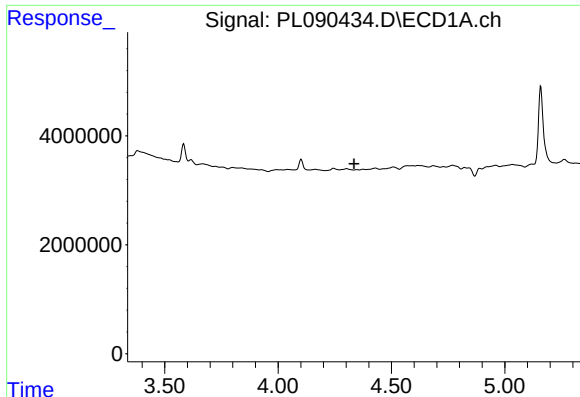
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.009 min  
Response: 165818  
Conc: 0.05 ng/ml



#2 alpha-BHC

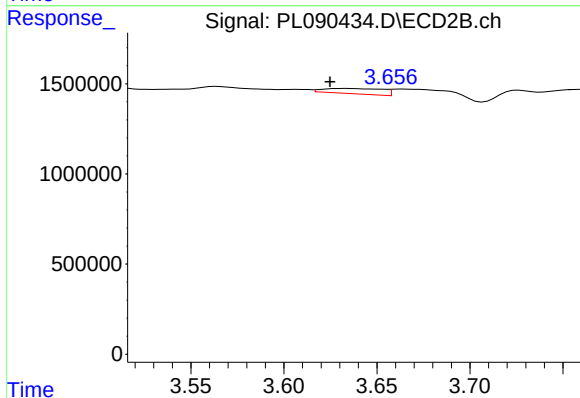
R.T.: 3.306 min  
Delta R.T.: 0.012 min  
Response: 176216  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

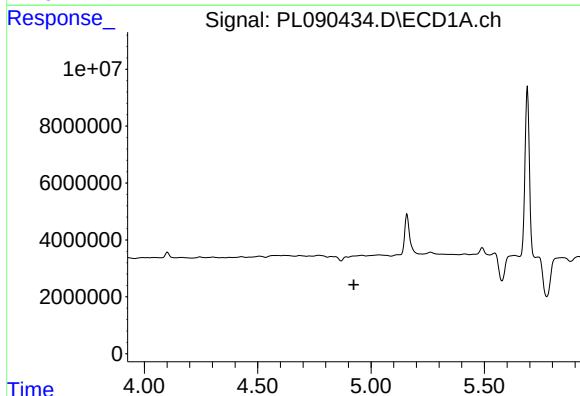
R.T.: 4.347 min  
Delta R.T.: 0.012 min  
Response: -23957  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



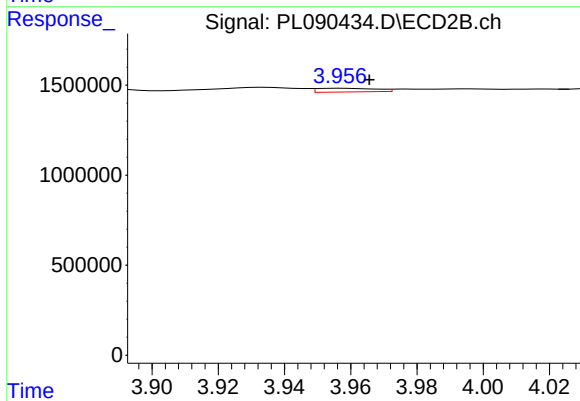
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.008 min  
Response: 653402  
Conc: 0.31 ng/ml



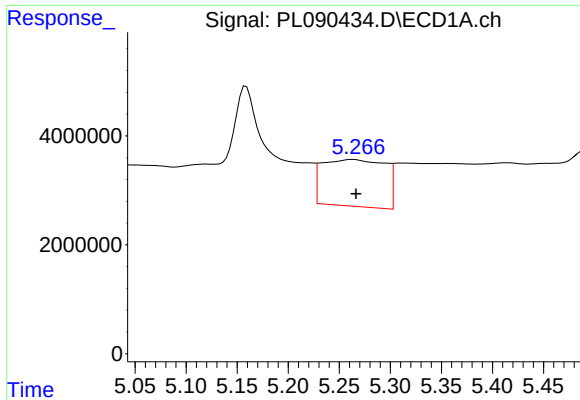
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.924 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

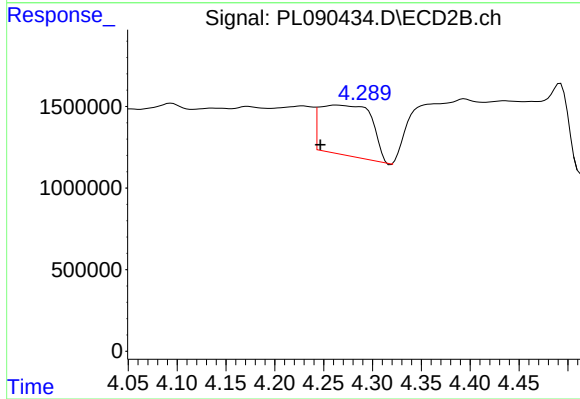
R.T.: 3.957 min  
Delta R.T.: -0.008 min  
Response: 246649  
Conc: 0.12 ng/ml



#5 Aldrin

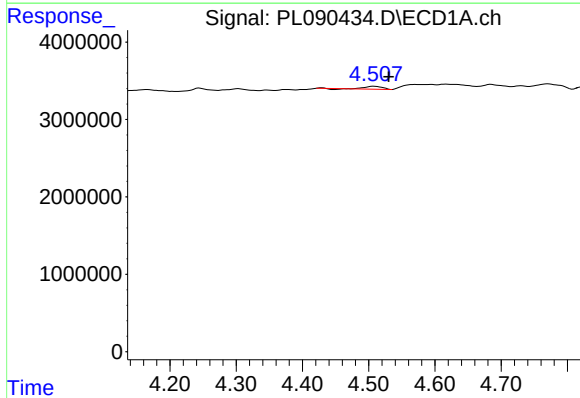
R.T.: 5.263 min  
Delta R.T.: -0.003 min  
Response: 36670922  
Conc: 13.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



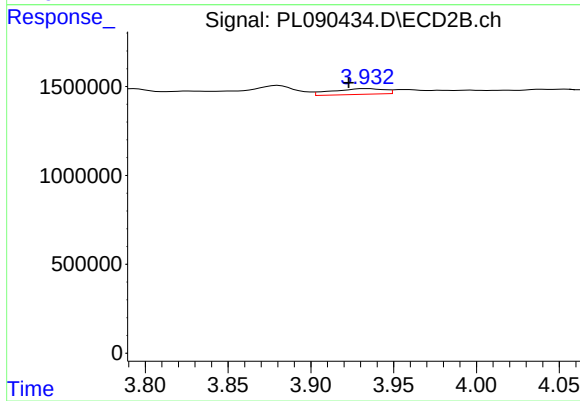
#5 Aldrin

R.T.: 4.263 min  
Delta R.T.: 0.017 min  
Response: 10995496  
Conc: 5.56 ng/ml



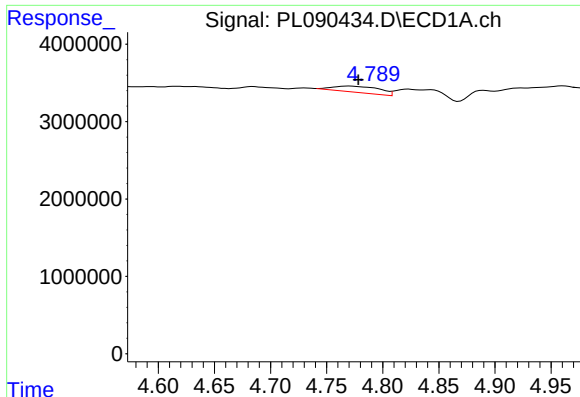
#6 beta-BHC

R.T.: 4.508 min  
Delta R.T.: -0.022 min  
Response: 596723  
Conc: 0.44 ng/ml



#6 beta-BHC

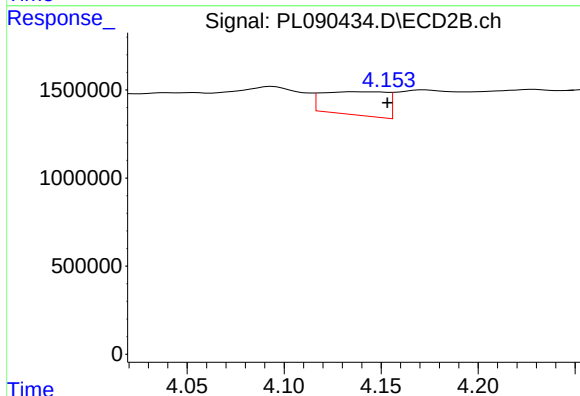
R.T.: 3.934 min  
Delta R.T.: 0.011 min  
Response: 694426  
Conc: 0.72 ng/ml



#7 delta-BHC

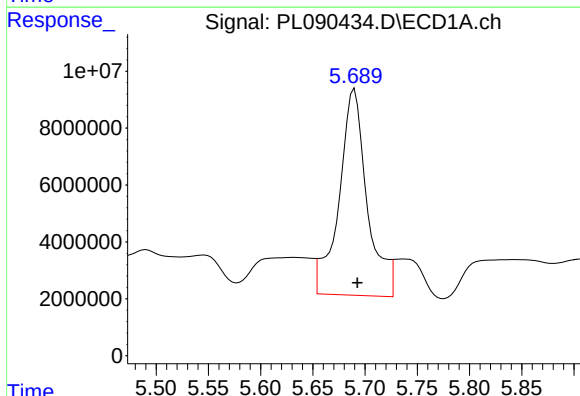
R.T.: 4.771 min  
Delta R.T.: -0.008 min  
Response: 2325186  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



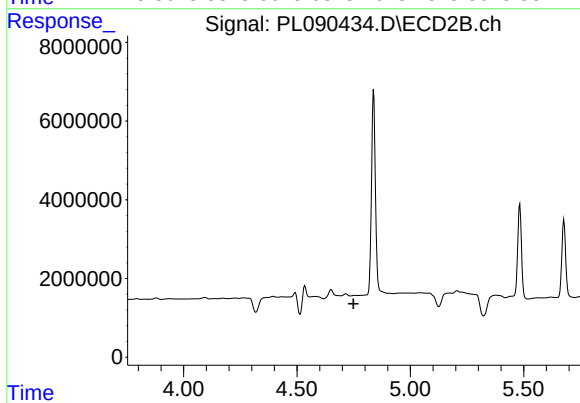
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.017 min  
Response: 3039381  
Conc: 1.50 ng/ml



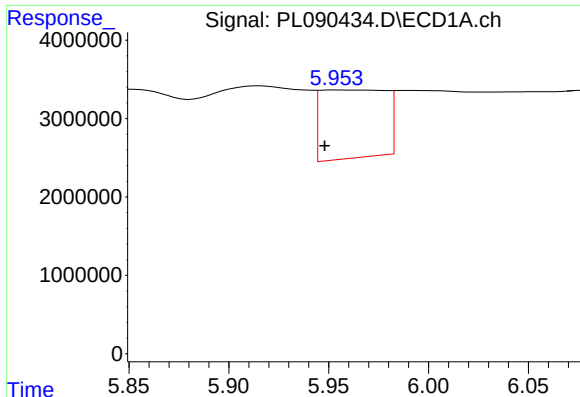
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.003 min  
Response: 136115791  
Conc: 53.38 ng/ml



#8 Heptachlor epoxide

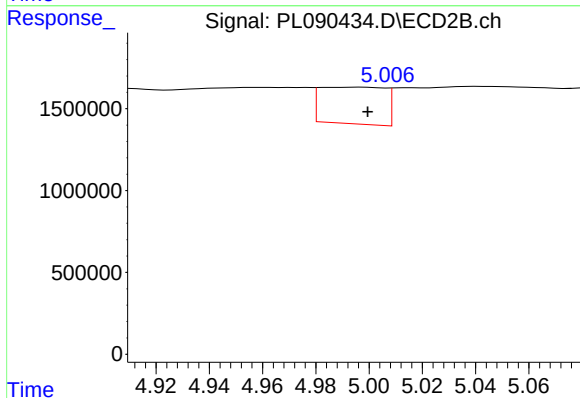
R.T.: 4.756 min  
Delta R.T.: 0.007 min  
Response: -463335  
Conc: N.D.



#10 gamma-Chlordane

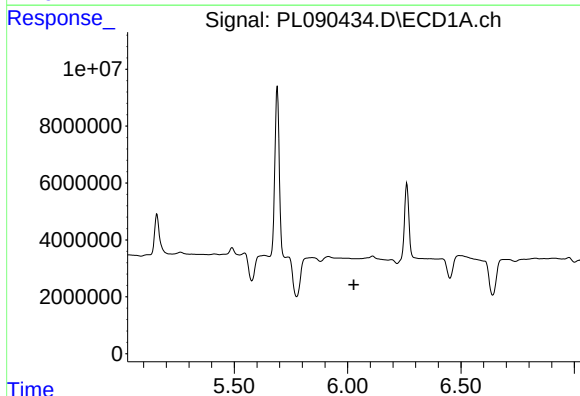
R.T.: 5.955 min  
Delta R.T.: 0.007 min  
Response: 19741370  
Conc: 7.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



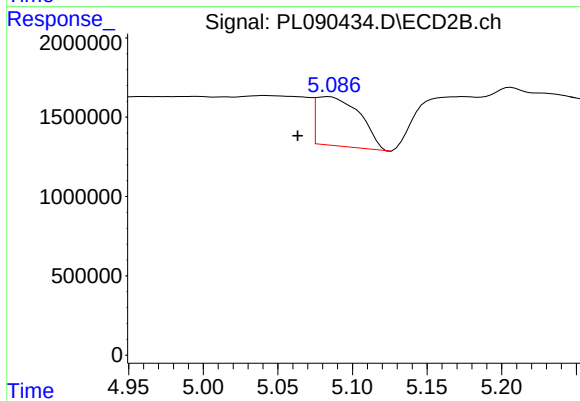
#10 gamma-Chlordane

R.T.: 4.997 min  
Delta R.T.: -0.003 min  
Response: 3784572  
Conc: 1.97 ng/ml



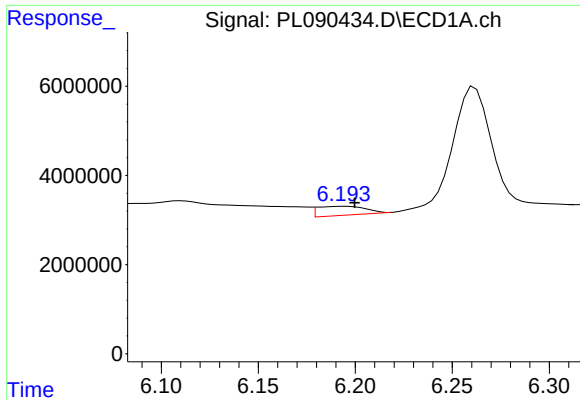
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.027 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

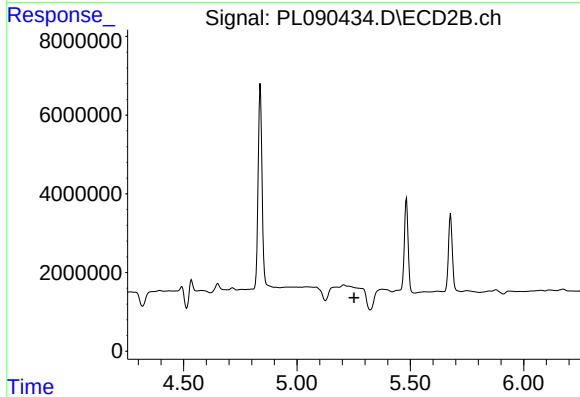
R.T.: 5.084 min  
Delta R.T.: 0.021 min  
Response: 6371723  
Conc: 3.33 ng/ml



#12 4,4'-DDE

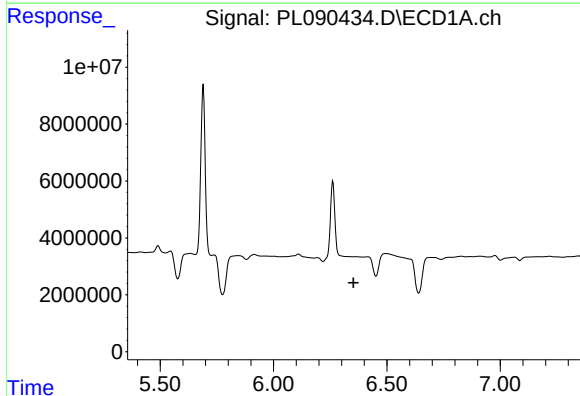
R.T.: 6.194 min  
Delta R.T.: -0.006 min  
Response: 3479870  
Conc: 1.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



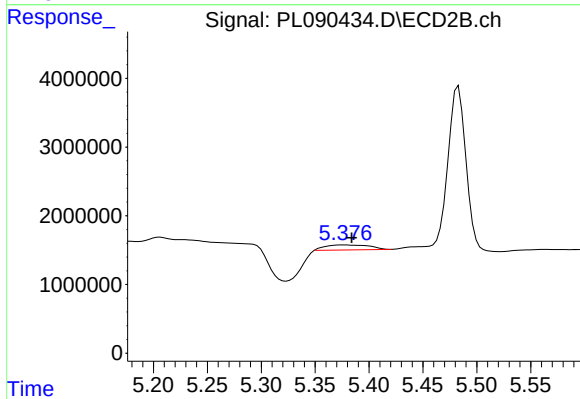
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

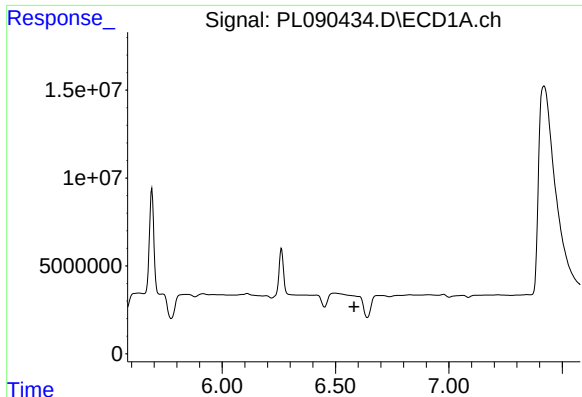
R.T.: 0.000 min  
Exp R.T. : 6.353 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: -0.007 min  
Response: 2088533  
Conc: 1.13 ng/ml

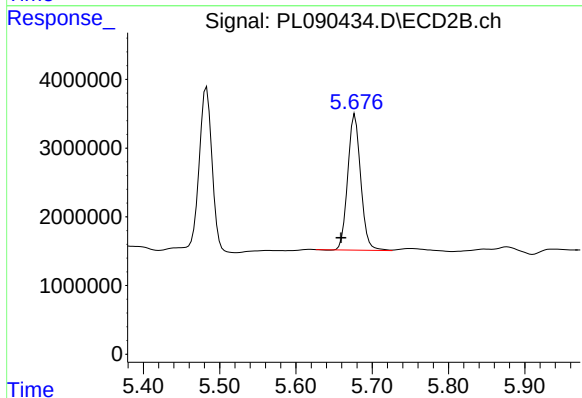




#14 Endrin

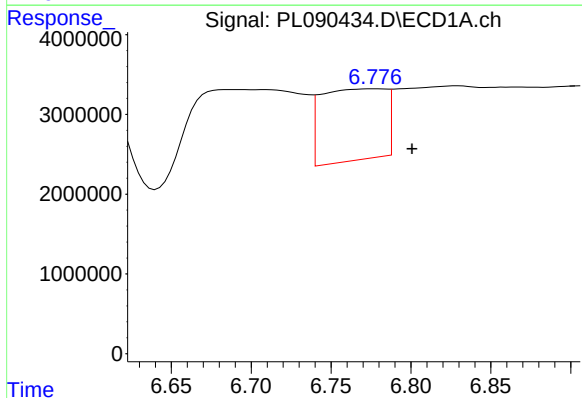
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



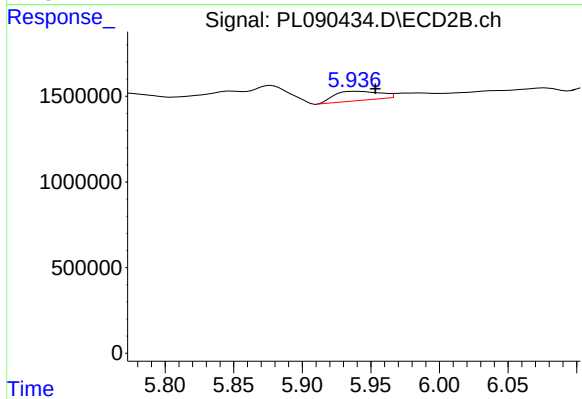
#14 Endrin

R.T.: 5.677 min  
Delta R.T.: 0.018 min  
Response: 23433479  
Conc: 14.17 ng/ml



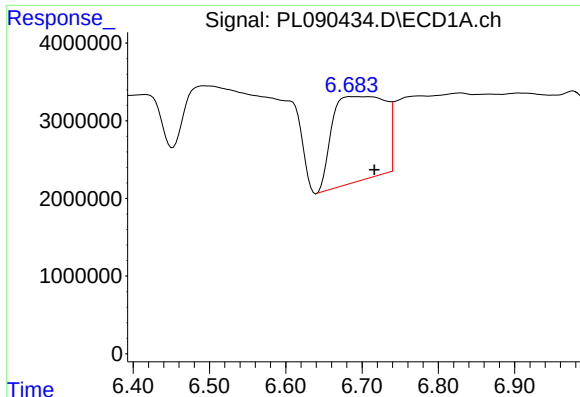
#15 Endosulfan II

R.T.: 6.778 min  
Delta R.T.: -0.023 min  
Response: 25174669  
Conc: 11.39 ng/ml



#15 Endosulfan II

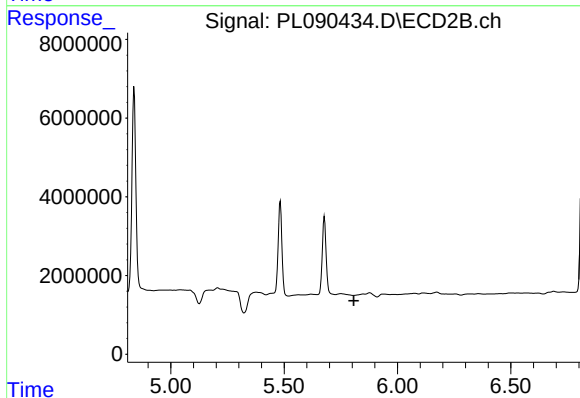
R.T.: 5.938 min  
Delta R.T.: -0.015 min  
Response: 1254337  
Conc: 0.76 ng/ml



#16 4,4'-DDD

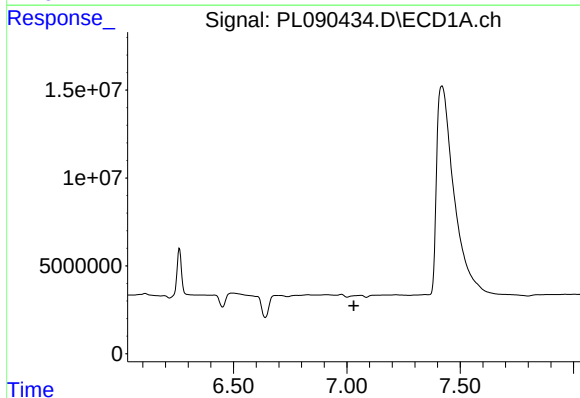
R.T.: 6.688 min  
Delta R.T.: -0.028 min  
Response: 52204224  
Conc: 28.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



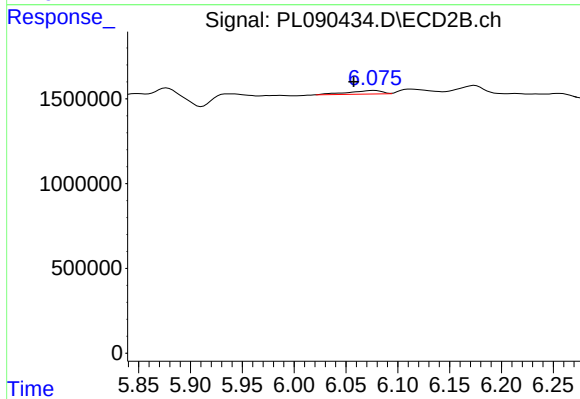
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.807 min  
Response: 0  
Conc: N.D.



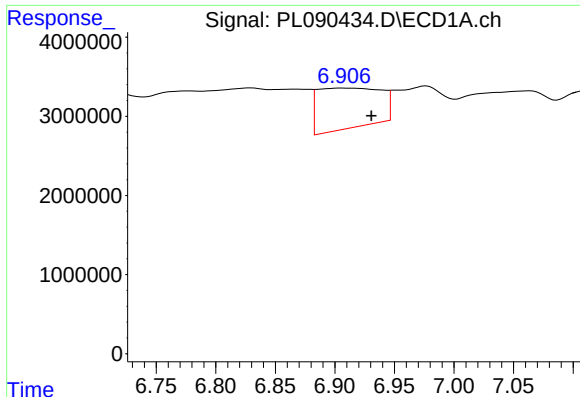
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.030 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

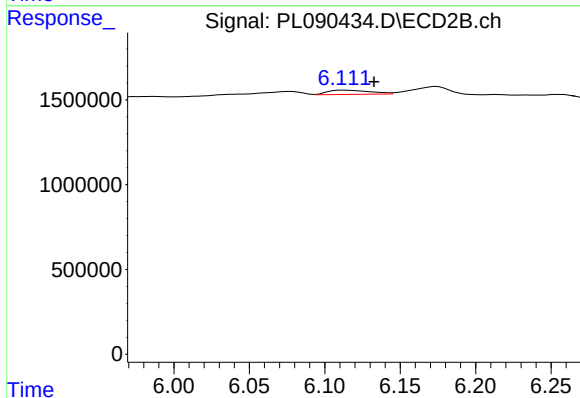
R.T.: 6.077 min  
Delta R.T.: 0.019 min  
Response: 481639  
Conc: 0.33 ng/ml



#18 Endrin aldehyde

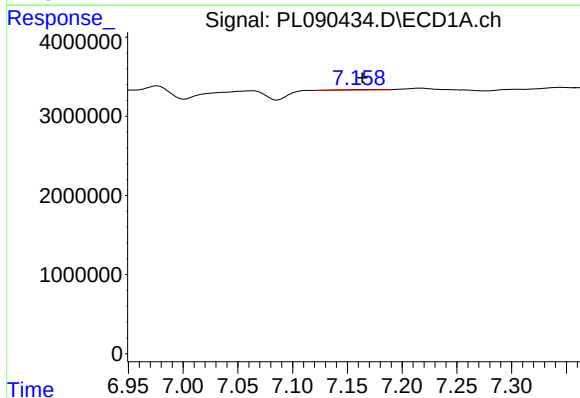
R.T.: 6.907 min  
Delta R.T.: -0.024 min  
Response: 18751796  
Conc: 11.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



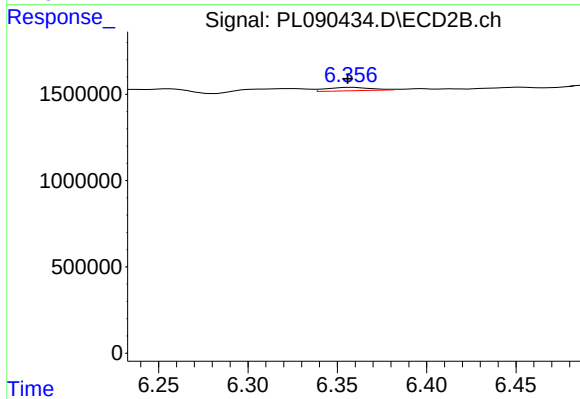
#18 Endrin aldehyde

R.T.: 6.113 min  
Delta R.T.: -0.020 min  
Response: 495245  
Conc: 0.39 ng/ml



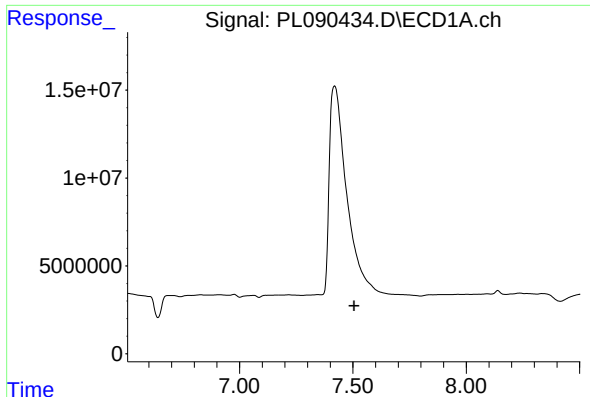
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: -0.003 min  
Response: 129828  
Conc: 0.07 ng/ml



#19 Endosulfan Sulfate

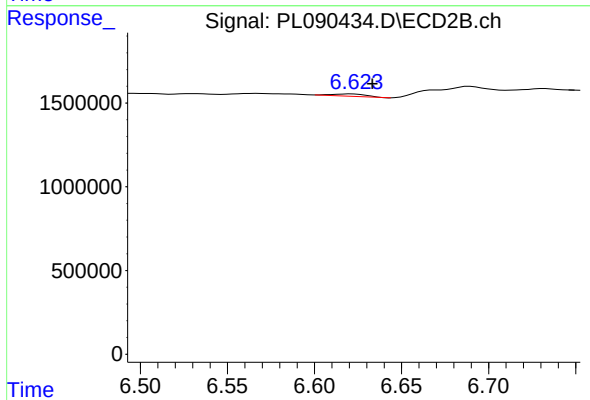
R.T.: 6.358 min  
Delta R.T.: 0.002 min  
Response: 348777  
Conc: 0.22 ng/ml



#20 Methoxychlor

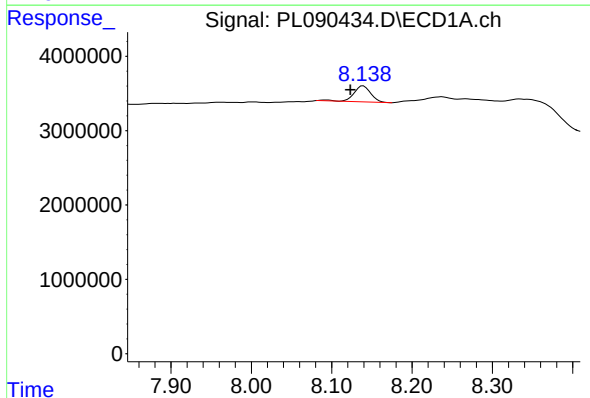
R.T.: 0.000 min  
Exp R.T.: 7.505 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



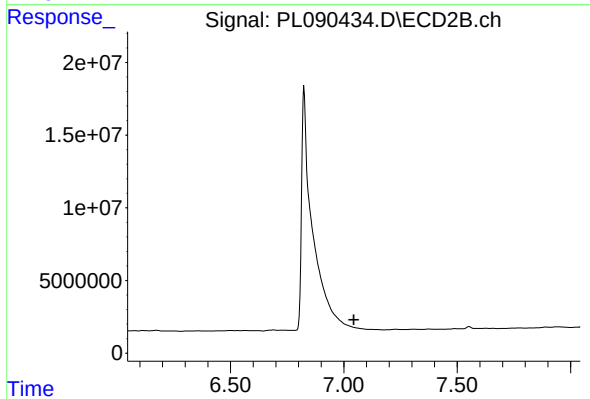
#20 Methoxychlor

R.T.: 6.621 min  
Delta R.T.: -0.012 min  
Response: 190773  
Conc: 0.23 ng/ml



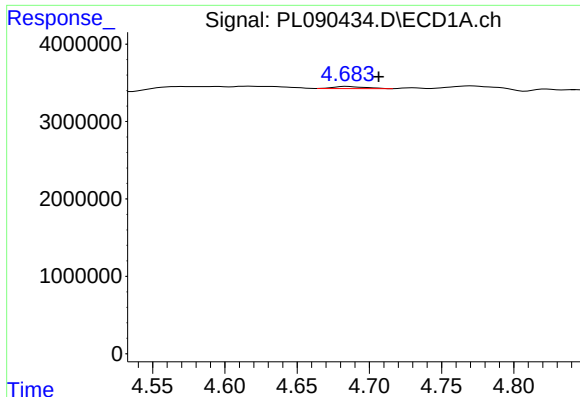
#22 Mirex

R.T.: 8.139 min  
Delta R.T.: 0.016 min  
Response: 3110591  
Conc: 1.79 ng/ml



#22 Mirex

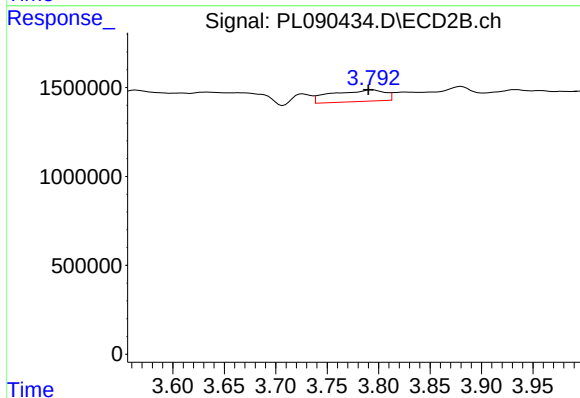
R.T.: 0.000 min  
Exp R.T.: 7.044 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

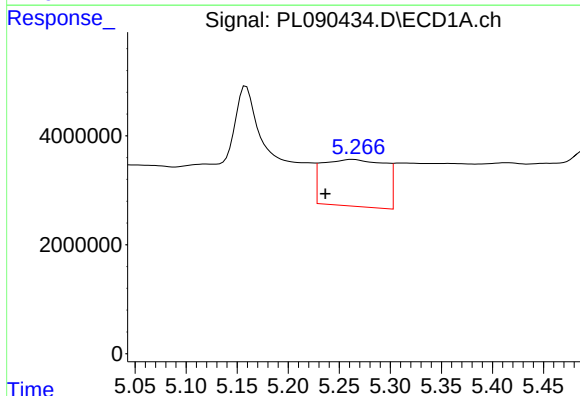
R.T.: 4.685 min  
Delta R.T.: -0.022 min  
Response: 403260  
Conc: 4.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



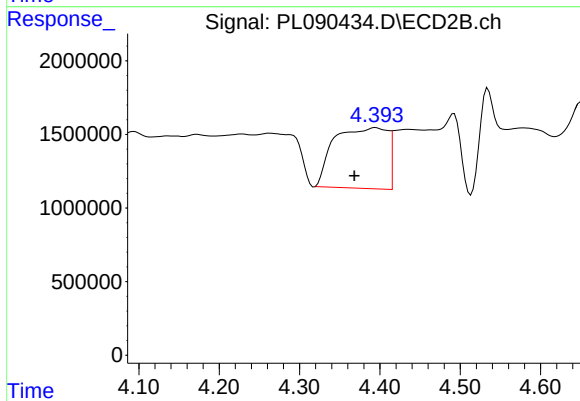
#23 Chlordane-1

R.T.: 3.794 min  
Delta R.T.: 0.004 min  
Response: 2306901  
Conc: 37.89 ng/ml



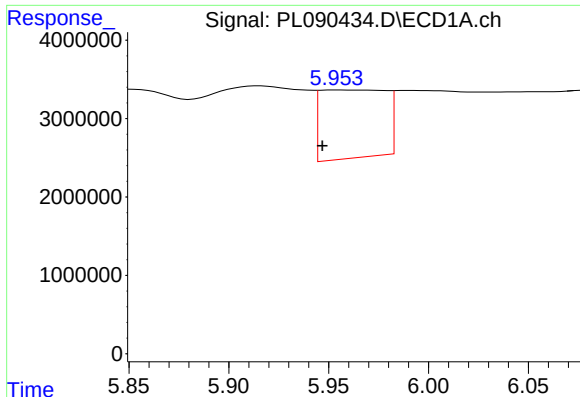
#24 Chlordane-2

R.T.: 5.263 min  
Delta R.T.: 0.027 min  
Response: 36670922  
Conc: 309.15 ng/ml



#24 Chlordane-2

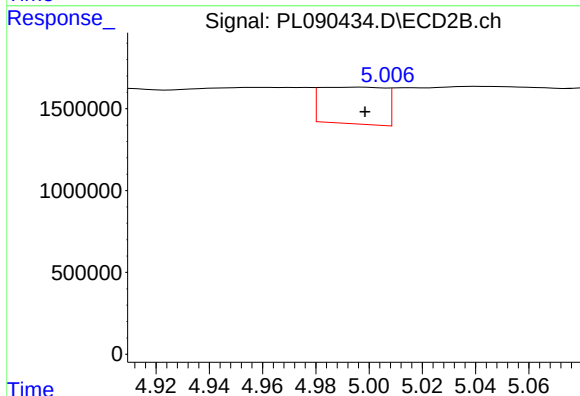
R.T.: 4.394 min  
Delta R.T.: 0.026 min  
Response: 18968302  
Conc: 268.42 ng/ml



#25 Chlordane-3

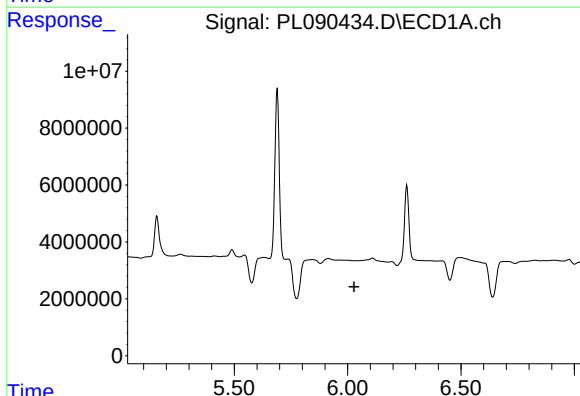
R.T.: 5.955 min  
Delta R.T.: 0.008 min  
Response: 19741370  
Conc: 53.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



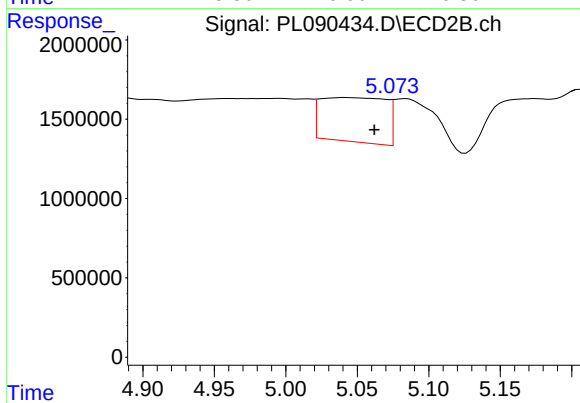
#25 Chlordane-3

R.T.: 4.997 min  
Delta R.T.: -0.002 min  
Response: 3784572  
Conc: 18.74 ng/ml



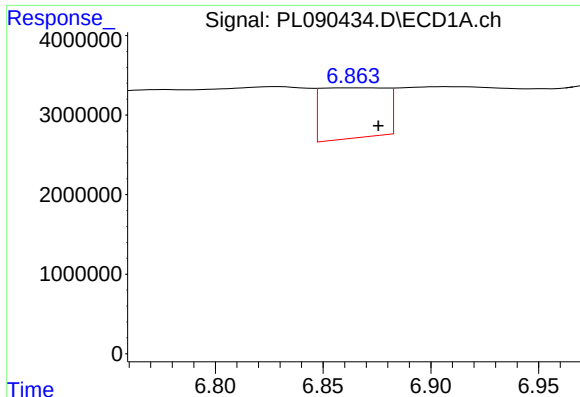
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.029 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

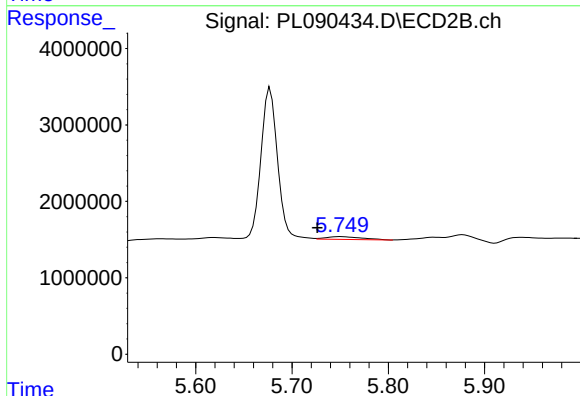
R.T.: 5.041 min  
Delta R.T.: -0.021 min  
Response: 8825575  
Conc: 46.23 ng/ml



#27 Chlordane-5

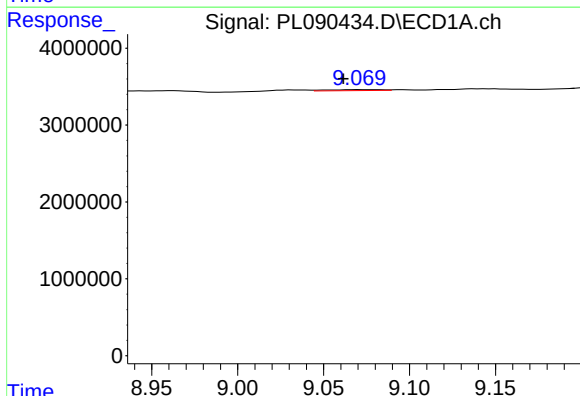
R.T.: 6.867 min  
Delta R.T.: -0.009 min  
Response: 13307528  
Conc: 147.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



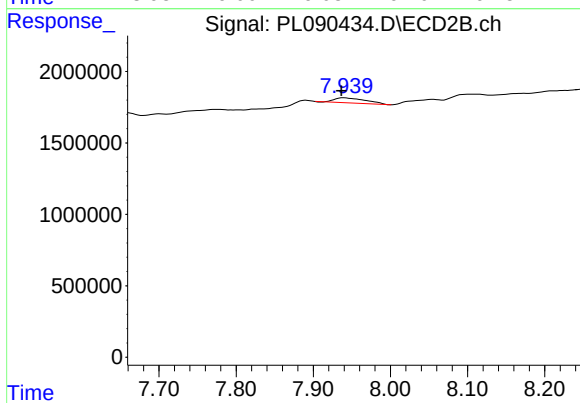
#27 Chlordane-5

R.T.: 5.750 min  
Delta R.T.: 0.024 min  
Response: 906506  
Conc: 15.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.009 min  
Response: 262147  
Conc: 0.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min  
Delta R.T.: 0.003 min  
Response: 987968  
Conc: 0.66 ng/ml