

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010824\  
 Data File : PL087682.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jan 2024 15:02  
 Operator : AR\AJ  
 Sample : P1056-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MR-311P-0-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 20:44:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 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... | 3.419  | 2.674  | 32709701 | 13586573 | 10.926 | 11.216   |
| 28)                         | SA Decachlor... | 8.976  | 7.860  | 28562206 | 12751350 | 10.029 | 10.066   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.801  | 3.849  | 856012   | 418445   | 0.195  | 0.235    |
| 5)                          | MB Aldrin       | 5.118f | 4.129  | 3294460  | 419802   | 0.769  | 0.238 #  |
| 6)                          | B beta-BHC      | 4.433f | 3.821  | 603215   | -72302   | 0.324  | N.D. #   |
| 7)                          | B delta-BHC     | 4.659  | 4.045  | 2836048  | 92699    | 0.674  | 0.053 #  |
| 8)                          | B Heptachlo...  | 5.572  | 4.633  | 777247   | 6714     | 0.203  | 0.004 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.021  | 0        | 267499   | N.D.   | 0.173 #  |
| 10)                         | B gamma-Chl...  | 5.836  | 4.888  | 14601374 | 2639514  | 3.777  | 1.635 #  |
| 11)                         | B alpha-Chl...  | 5.919  | 4.953  | 31328068 | 4877138  | 8.153  | 2.939 #  |
| 12)                         | B 4,4'-DDE      | 6.095  | 5.152  | 4377523  | 1424548  | 1.369  | 1.059    |
| 13)                         | MA Dieldrin     | 6.244  | 5.282  | 2927366  | 1903081  | 0.786  | 1.198 #  |
| 14)                         | MA Endrin       | 6.476  | 5.569  | 4008698  | 873419   | 1.276  | 0.616 #  |
| 15)                         | B Endosulfa...  | 6.693  | 5.849  | 2654260  | 2800933  | 0.828  | 2.046 #  |
| 16)                         | A 4,4'-DDD      | 6.626  | 5.709  | 7440343  | 111783   | 2.885  | 0.099 #  |
| 17)                         | MA 4,4'-DDT     | 6.931  | 5.959  | 6190579  | 7695346  | 2.165  | 6.183 #  |
| 18)                         | B Endrin al...  | 6.852f | 6.055f | 996143   | 1829655  | 0.396  | 1.574 #  |
| 19)                         | B Endosulfa...  | 7.049  | 6.260  | 1709335  | 1125716  | 0.559  | 0.858 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.574f | 0        | 16037    | N.D.   | 0.022 #  |
| 21)                         | B Endrin ke...  | 7.532f | 0.000  | 6450781  | 0        | 1.983  | N.D. #   |
| 22)                         | Mirex           | 8.026  | 6.944  | 479345   | 351402   | 0.171  | 0.262 #  |
| 23)                         | Chlordane-1     | 4.584  | 3.674  | 3392526  | 1693887  | 25.417 | 36.242 # |
| 24)                         | Chlordane-2     | 5.118  | 4.259  | 3294460  | 1521624  | 22.340 | 27.197   |
| 25)                         | Chlordane-3     | 5.836  | 4.888  | 14601374 | 2639514  | 26.249 | 16.679 # |
| 26)                         | Chlordane-4     | 5.919  | 4.953  | 31328068 | 4877138  | 45.290 | 28.545 # |
| 27)                         | Chlordane-5     | 6.748f | 5.630  | 2383927  | 3022547  | 21.139 | 64.211 # |
| -----                       |                 |        |        |          |          |        |          |

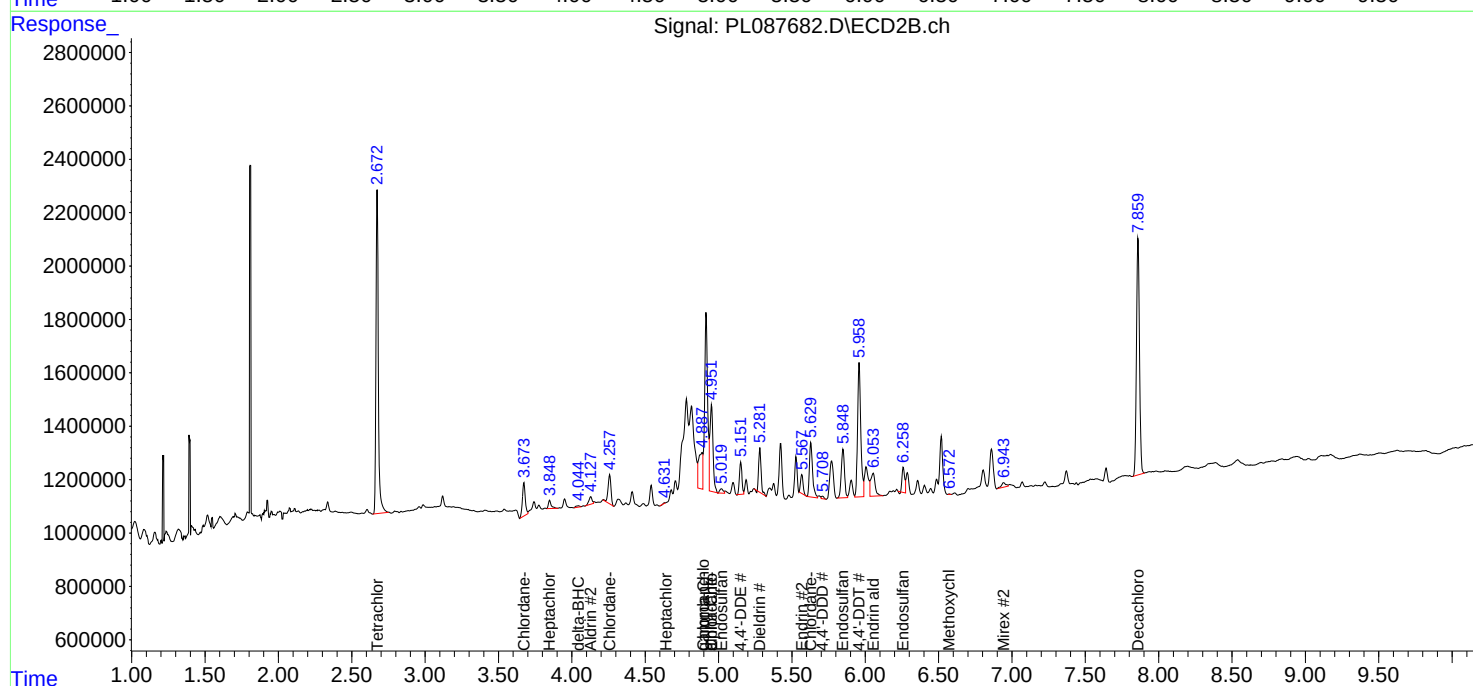
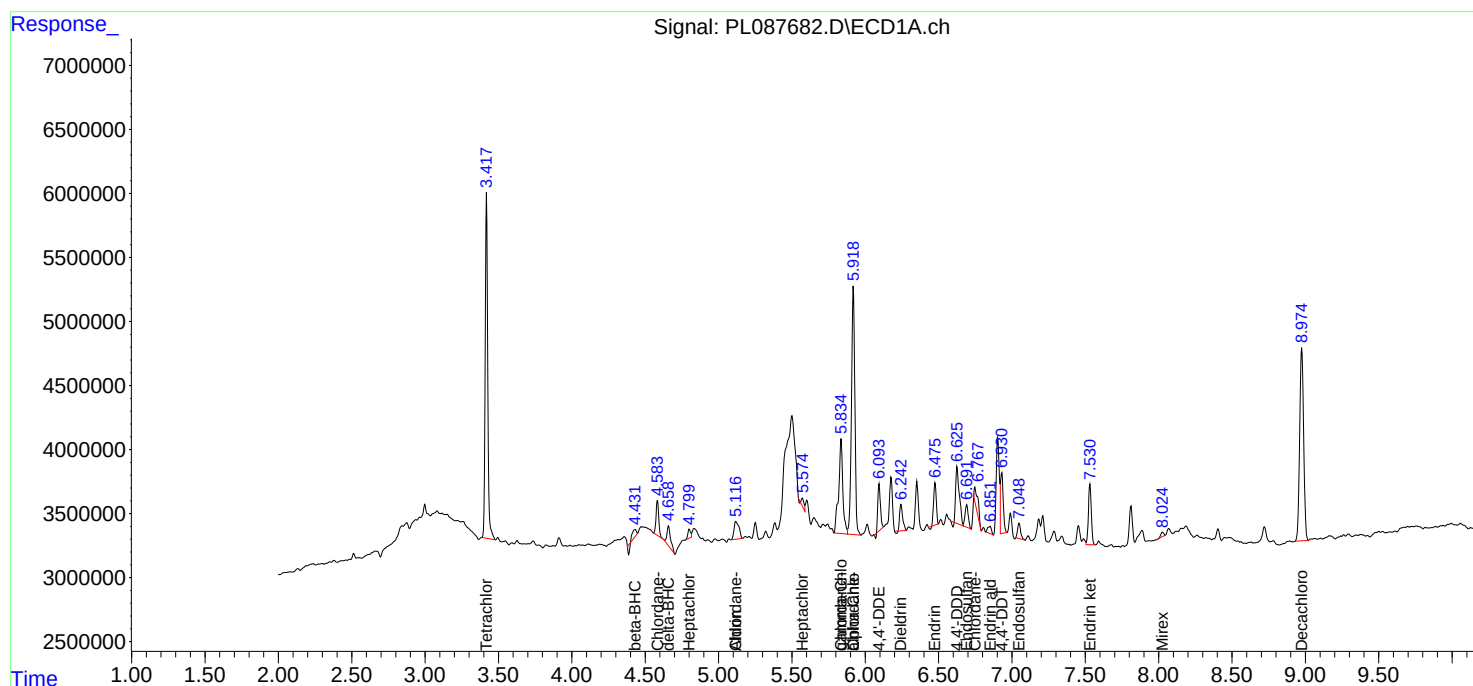
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

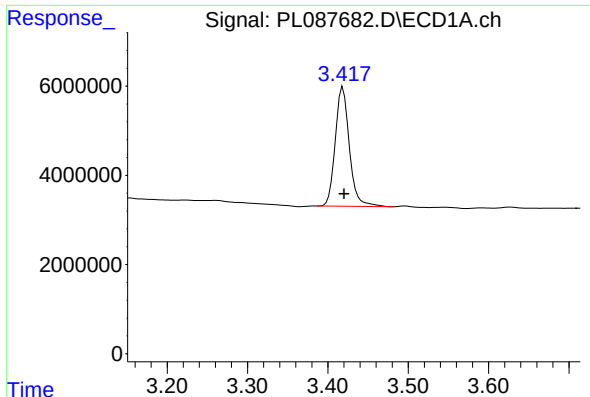
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010824\  
Data File : PL087682.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jan 2024 15:02  
Operator : AR\AJ  
Sample : P1056-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 08 20:44:16 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 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

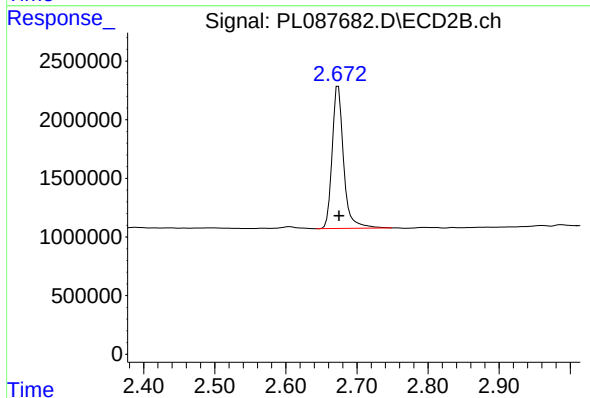




#1 Tetrachloro-m-xylene

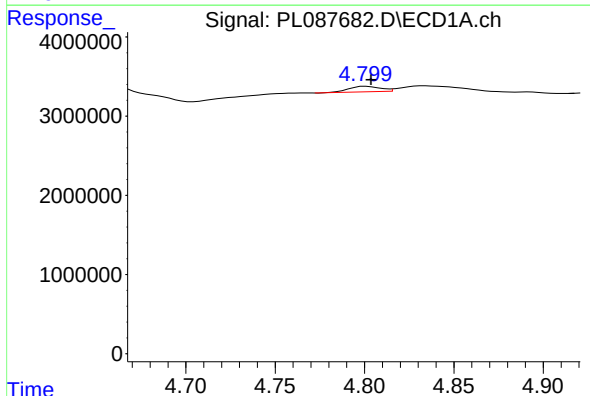
R.T.: 3.419 min  
Delta R.T.: -0.001 min  
Response: 32709701  
Conc: 10.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



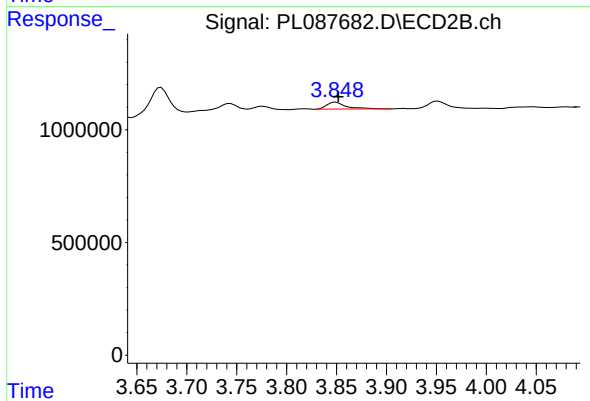
#1 Tetrachloro-m-xylene

R.T.: 2.674 min  
Delta R.T.: -0.001 min  
Response: 13586573  
Conc: 11.22 ng/ml



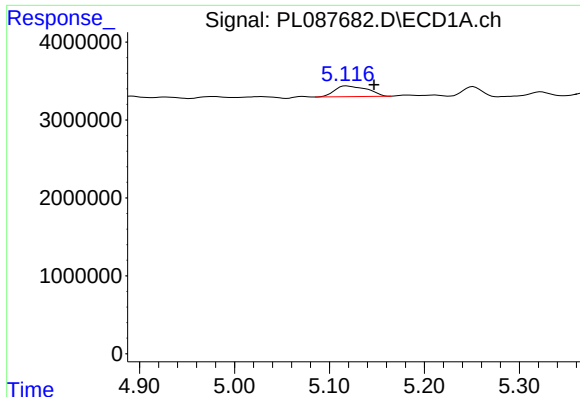
#4 Heptachlor

R.T.: 4.801 min  
Delta R.T.: -0.003 min  
Response: 856012  
Conc: 0.19 ng/ml



#4 Heptachlor

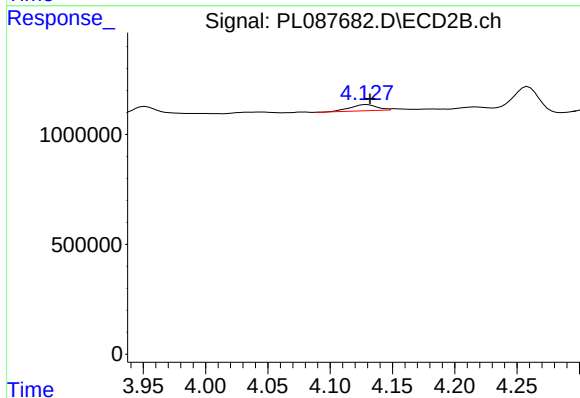
R.T.: 3.849 min  
Delta R.T.: -0.003 min  
Response: 418445  
Conc: 0.23 ng/ml



#5 Aldrin

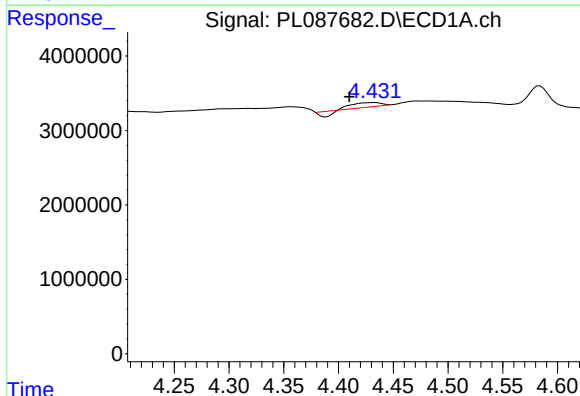
R.T.: 5.118 min  
Delta R.T.: -0.029 min  
Response: 3294460  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



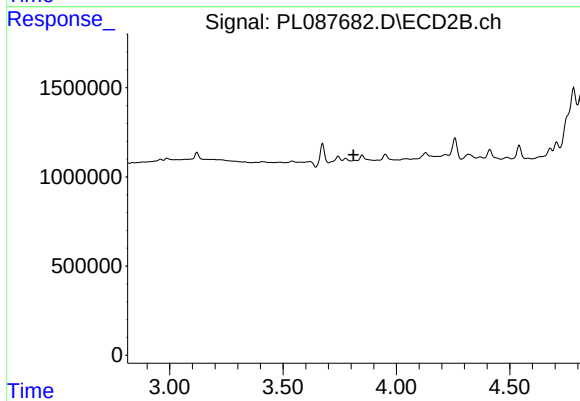
#5 Aldrin

R.T.: 4.129 min  
Delta R.T.: -0.003 min  
Response: 419802  
Conc: 0.24 ng/ml



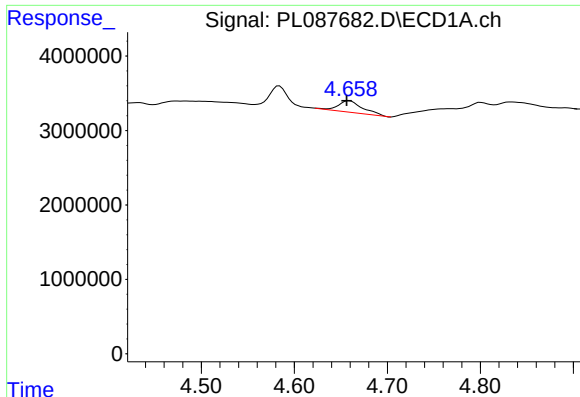
#6 beta-BHC

R.T.: 4.433 min  
Delta R.T.: 0.023 min  
Response: 603215  
Conc: 0.32 ng/ml



#6 beta-BHC

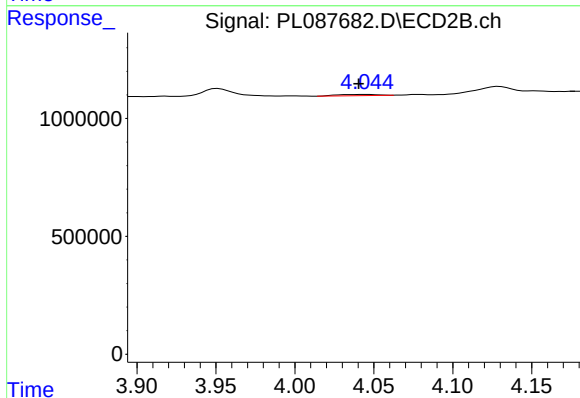
R.T.: 3.821 min  
Delta R.T.: 0.010 min  
Response: -72302  
Conc: N.D.



#7 delta-BHC

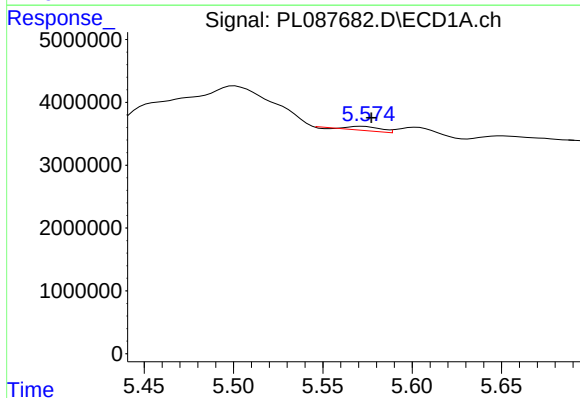
R.T.: 4.659 min  
Delta R.T.: 0.003 min  
Response: 2836048  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



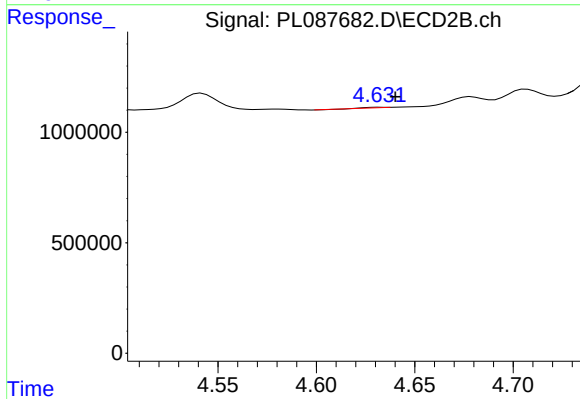
#7 delta-BHC

R.T.: 4.045 min  
Delta R.T.: 0.005 min  
Response: 92699  
Conc: 0.05 ng/ml



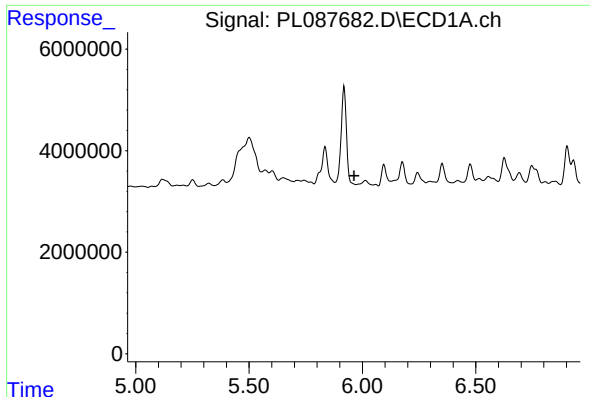
#8 Heptachlor epoxide

R.T.: 5.572 min  
Delta R.T.: -0.005 min  
Response: 777247  
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

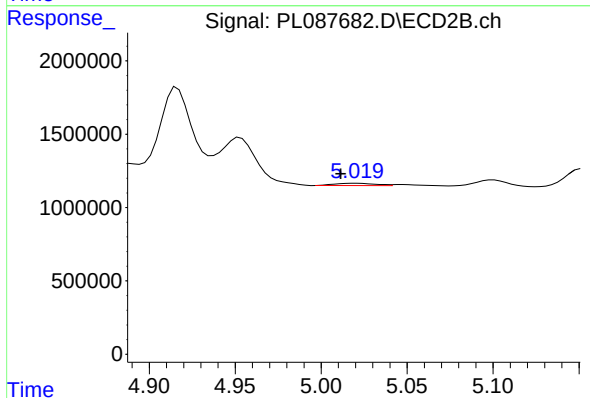
R.T.: 4.633 min  
Delta R.T.: -0.007 min  
Response: 6714  
Conc: 0.00 ng/ml



#9 Endosulfan I

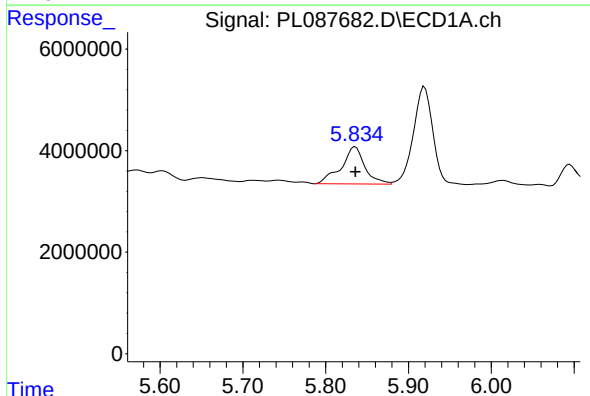
R.T.: 0.000 min  
Exp R.T.: 5.964 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



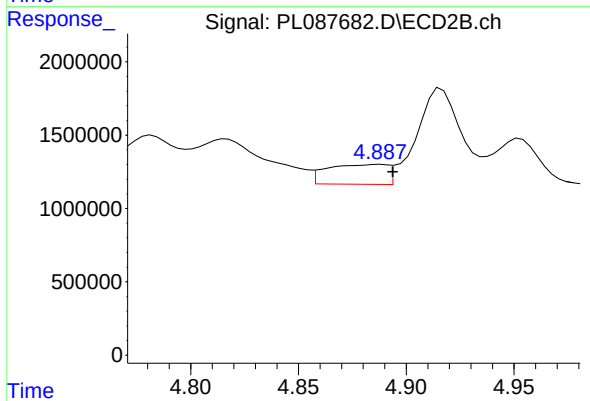
#9 Endosulfan I

R.T.: 5.021 min  
Delta R.T.: 0.009 min  
Response: 267499  
Conc: 0.17 ng/ml



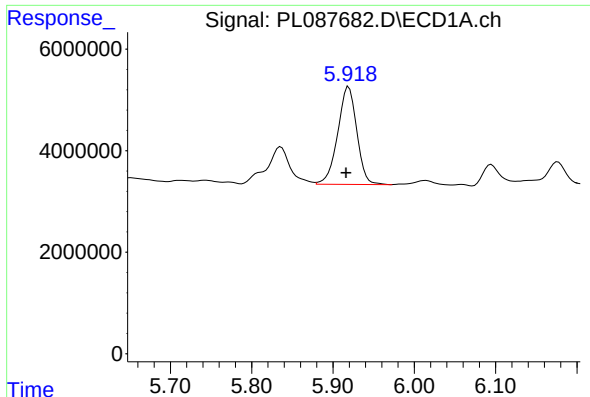
#10 gamma-Chlordane

R.T.: 5.836 min  
Delta R.T.: 0.000 min  
Response: 14601374  
Conc: 3.78 ng/ml



#10 gamma-Chlordane

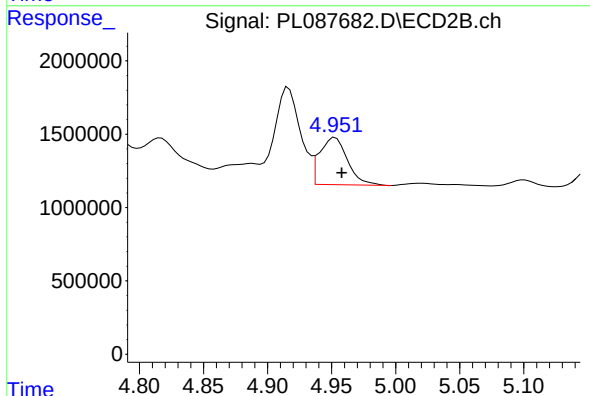
R.T.: 4.888 min  
Delta R.T.: -0.006 min  
Response: 2639514  
Conc: 1.64 ng/ml



#11 alpha-Chlordane

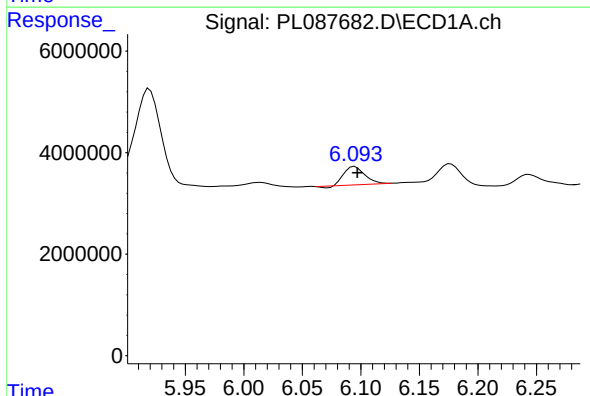
R.T.: 5.919 min  
Delta R.T.: 0.003 min  
Response: 31328068  
Conc: 8.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



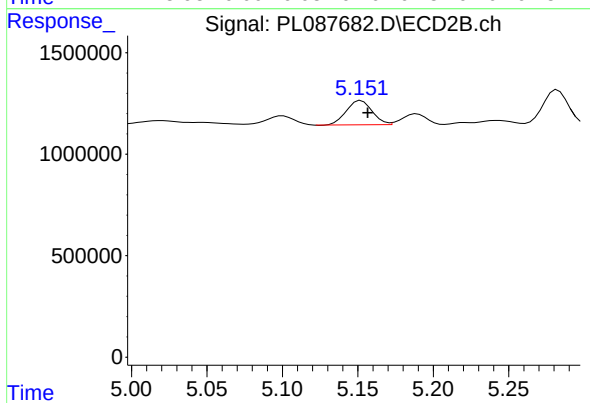
#11 alpha-Chlordane

R.T.: 4.953 min  
Delta R.T.: -0.005 min  
Response: 4877138  
Conc: 2.94 ng/ml



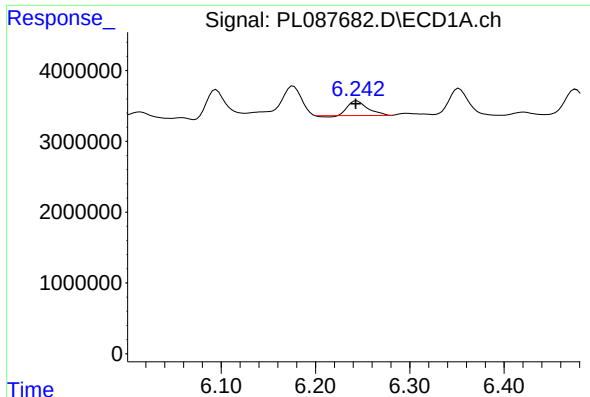
#12 4,4'-DDE

R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 4377523  
Conc: 1.37 ng/ml



#12 4,4'-DDE

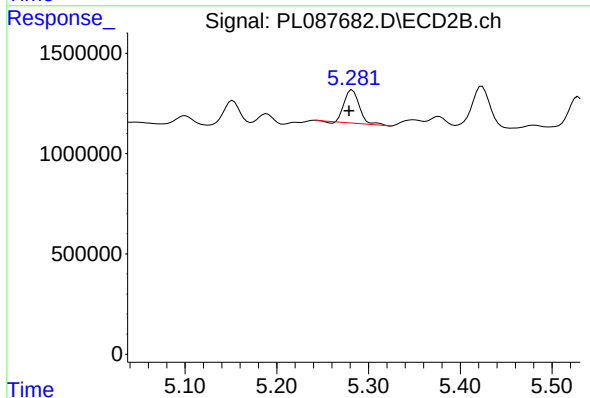
R.T.: 5.152 min  
Delta R.T.: -0.004 min  
Response: 1424548  
Conc: 1.06 ng/ml



#13 Dieldrin

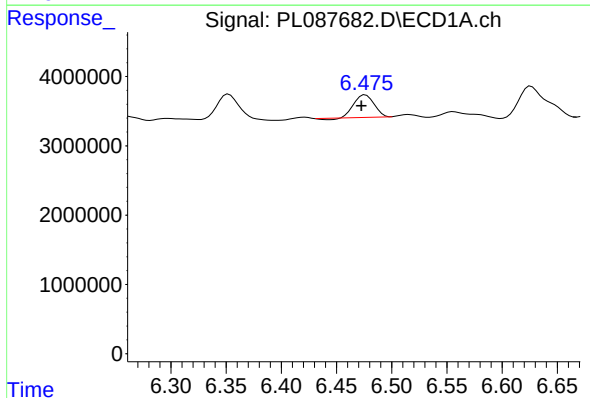
R.T.: 6.244 min  
Delta R.T.: 0.001 min  
Response: 2927366  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



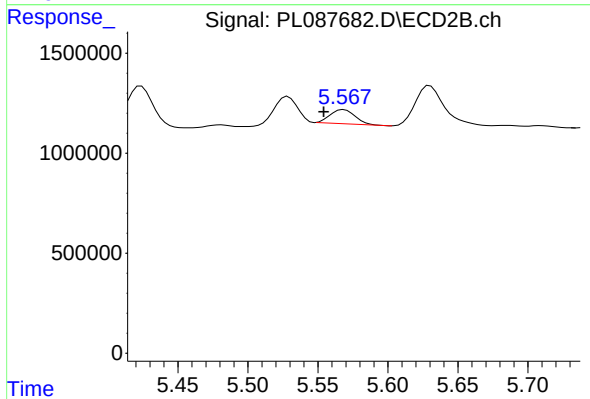
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: 0.003 min  
Response: 1903081  
Conc: 1.20 ng/ml



#14 Endrin

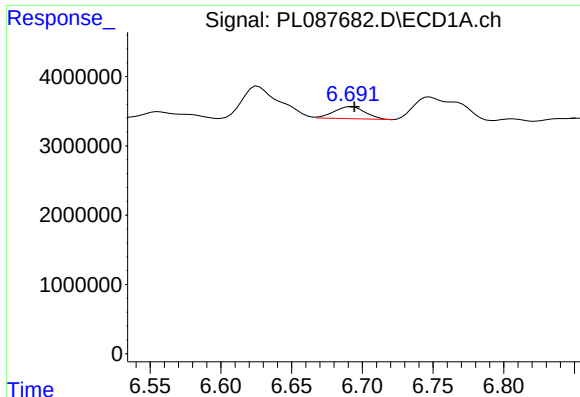
R.T.: 6.476 min  
Delta R.T.: 0.004 min  
Response: 4008698  
Conc: 1.28 ng/ml



#14 Endrin

R.T.: 5.569 min  
Delta R.T.: 0.014 min  
Response: 873419  
Conc: 0.62 ng/ml

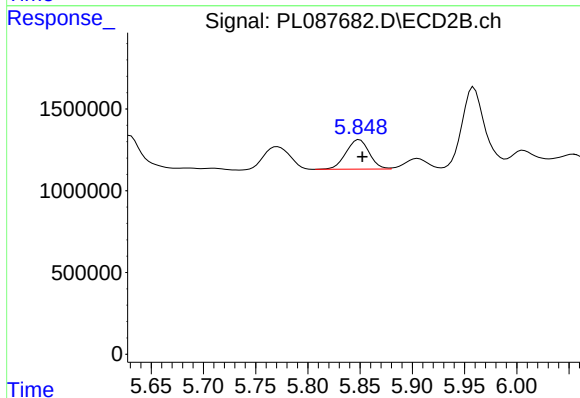




#15 Endosulfan II

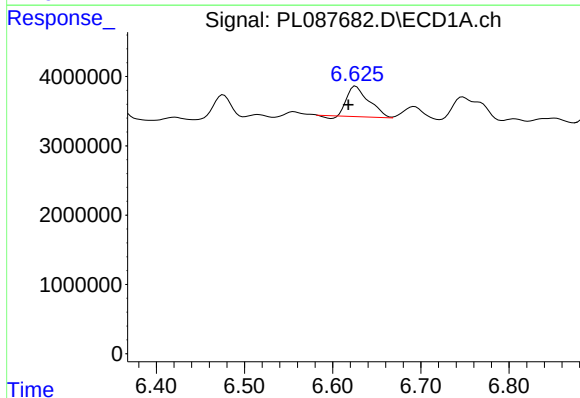
R.T.: 6.693 min  
Delta R.T.: -0.002 min  
Response: 2654260  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



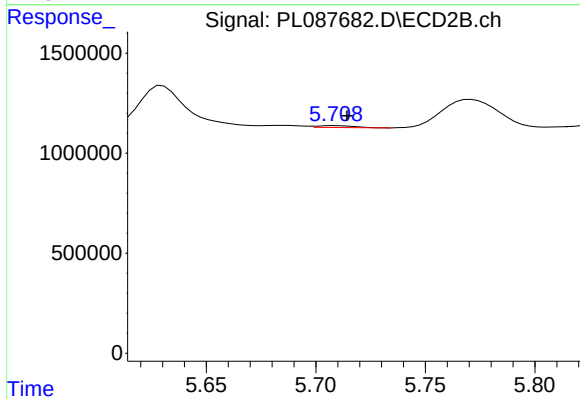
#15 Endosulfan II

R.T.: 5.849 min  
Delta R.T.: -0.003 min  
Response: 2800933  
Conc: 2.05 ng/ml



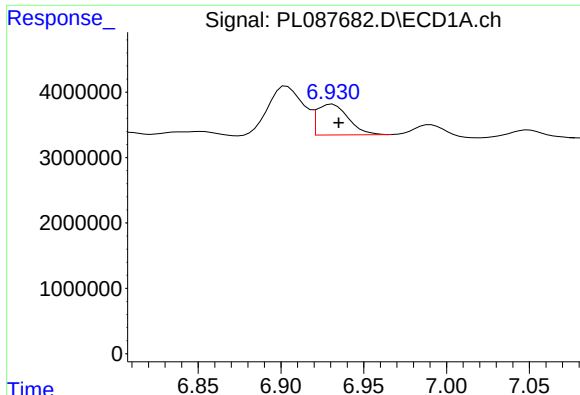
#16 4,4'-DDD

R.T.: 6.626 min  
Delta R.T.: 0.009 min  
Response: 7440343  
Conc: 2.89 ng/ml



#16 4,4'-DDD

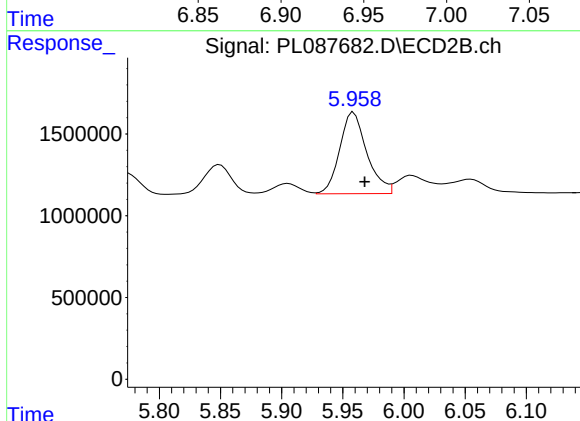
R.T.: 5.709 min  
Delta R.T.: -0.005 min  
Response: 111783  
Conc: 0.10 ng/ml



#17 4,4'-DDT

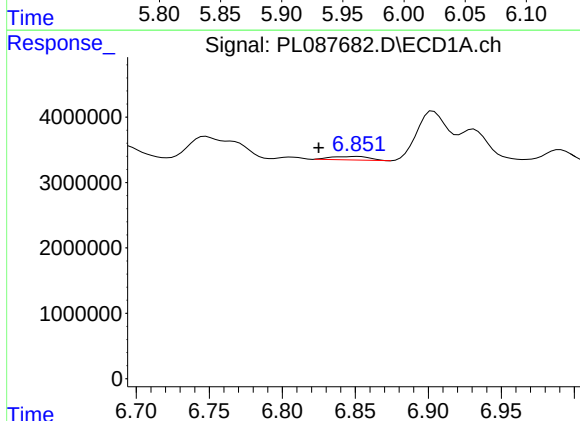
R.T.: 6.931 min  
Delta R.T.: -0.004 min  
Response: 6190579  
Conc: 2.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



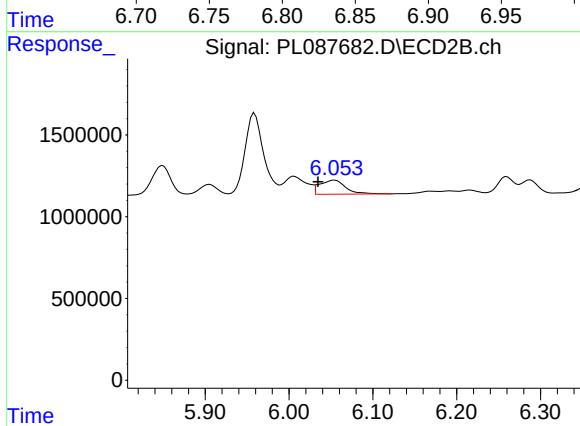
#17 4,4'-DDT

R.T.: 5.959 min  
Delta R.T.: -0.009 min  
Response: 7695346  
Conc: 6.18 ng/ml



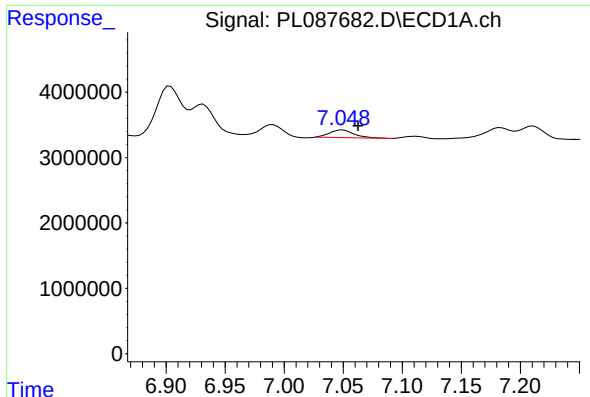
#18 Endrin aldehyde

R.T.: 6.852 min  
Delta R.T.: 0.027 min  
Response: 996143  
Conc: 0.40 ng/ml



#18 Endrin aldehyde

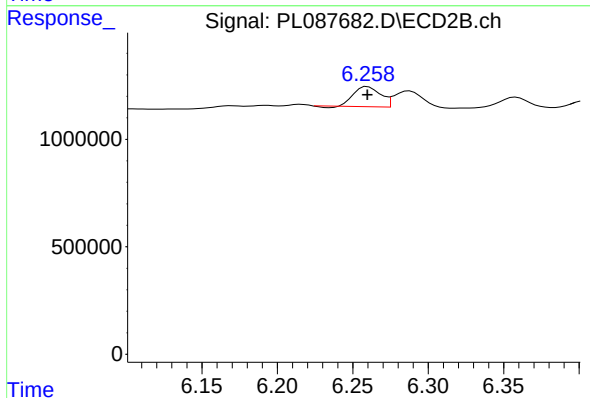
R.T.: 6.055 min  
Delta R.T.: 0.020 min  
Response: 1829655  
Conc: 1.57 ng/ml



#19 Endosulfan Sulfate

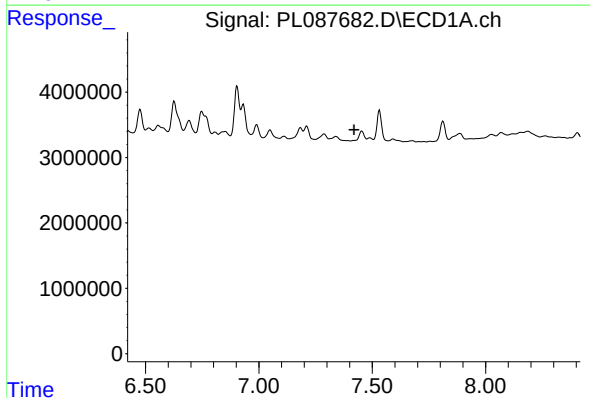
R.T.: 7.049 min  
Delta R.T.: -0.013 min  
Response: 1709335  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



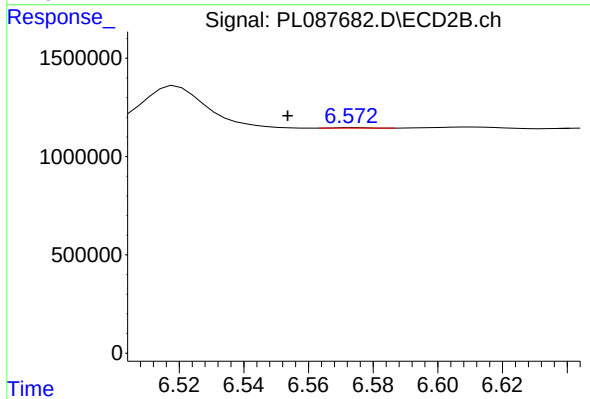
#19 Endosulfan Sulfate

R.T.: 6.260 min  
Delta R.T.: 0.000 min  
Response: 1125716  
Conc: 0.86 ng/ml



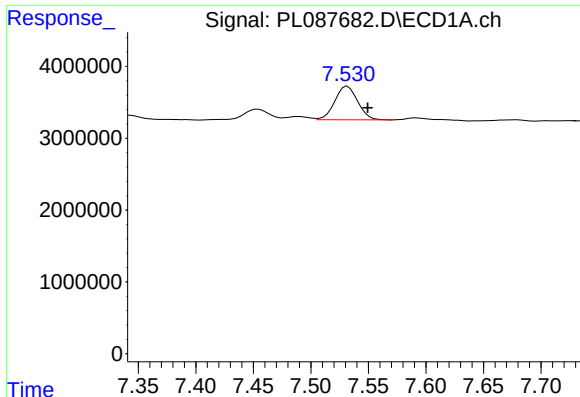
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.421 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

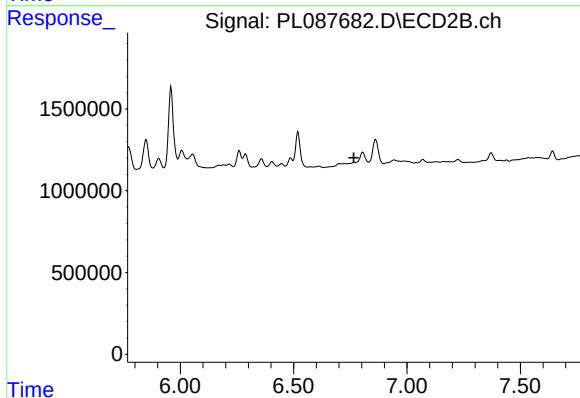
R.T.: 6.574 min  
Delta R.T.: 0.020 min  
Response: 16037  
Conc: 0.02 ng/ml



#21 Endrin ketone

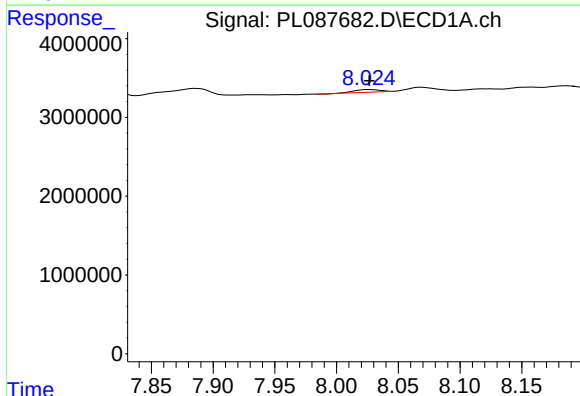
R.T.: 7.532 min  
Delta R.T.: -0.018 min  
Response: 6450781  
Conc: 1.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



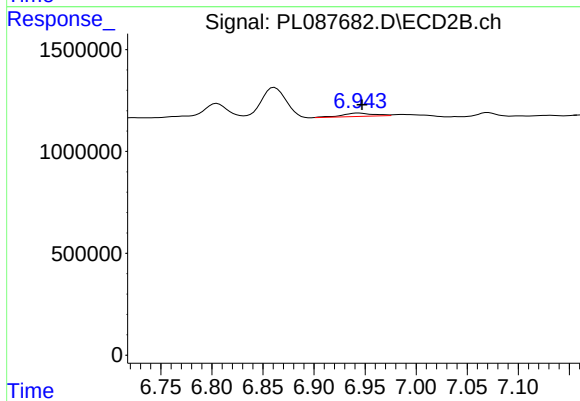
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.766 min  
Response: 0  
Conc: N.D.



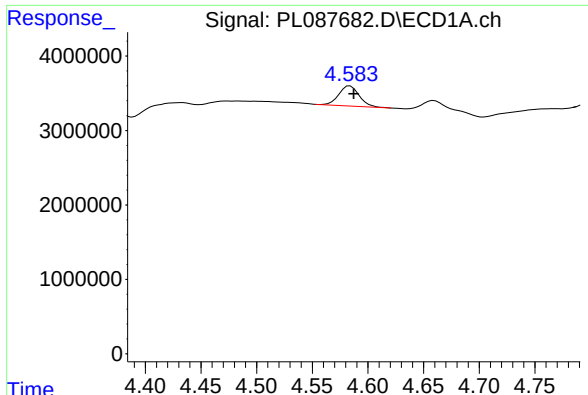
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: 0.000 min  
Response: 479345  
Conc: 0.17 ng/ml



#22 Mirex

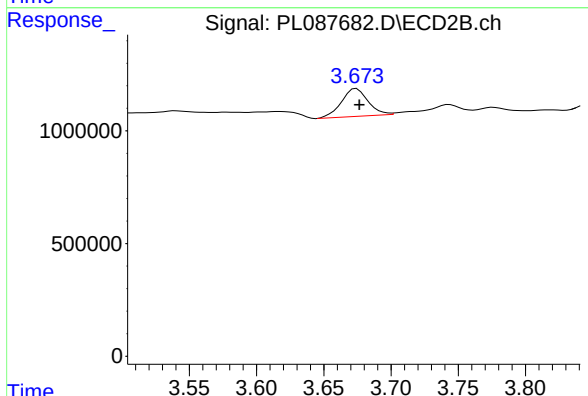
R.T.: 6.944 min  
Delta R.T.: -0.003 min  
Response: 351402  
Conc: 0.26 ng/ml



#23 Chlordane-1

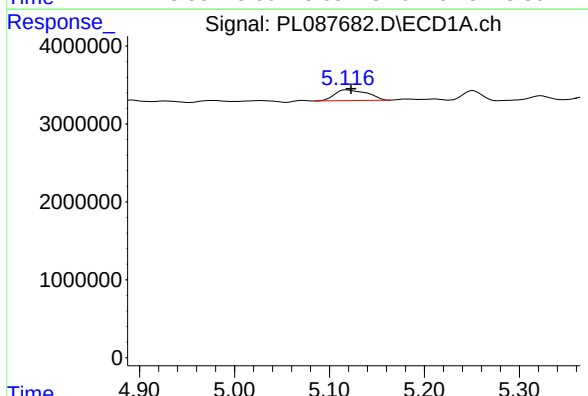
R.T.: 4.584 min  
Delta R.T.: -0.003 min  
Response: 3392526  
Conc: 25.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



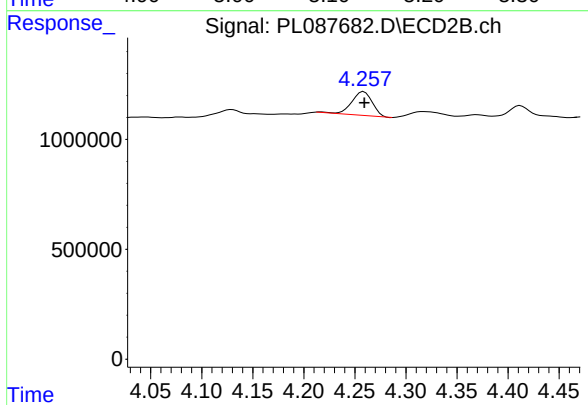
#23 Chlordane-1

R.T.: 3.674 min  
Delta R.T.: -0.002 min  
Response: 1693887  
Conc: 36.24 ng/ml



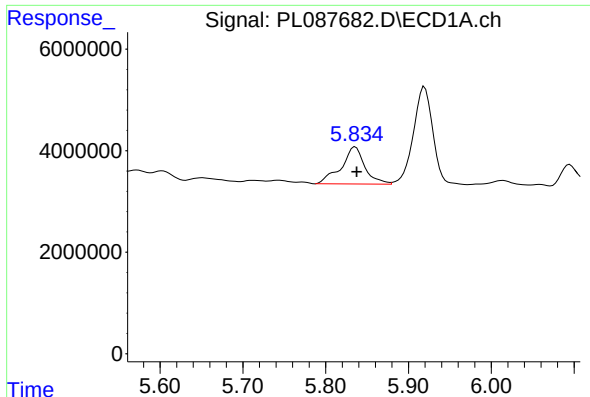
#24 Chlordane-2

R.T.: 5.118 min  
Delta R.T.: -0.005 min  
Response: 3294460  
Conc: 22.34 ng/ml



#24 Chlordane-2

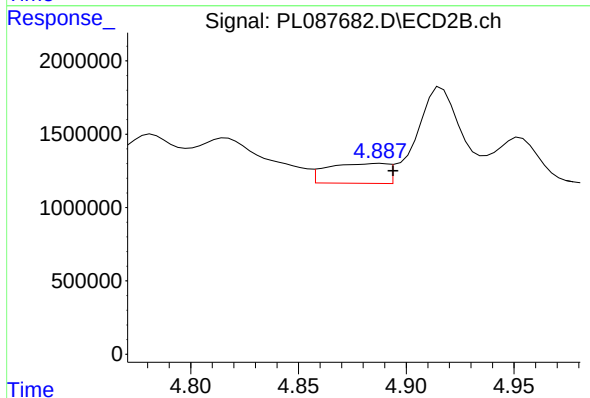
R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 1521624  
Conc: 27.20 ng/ml



#25 Chlordane-3

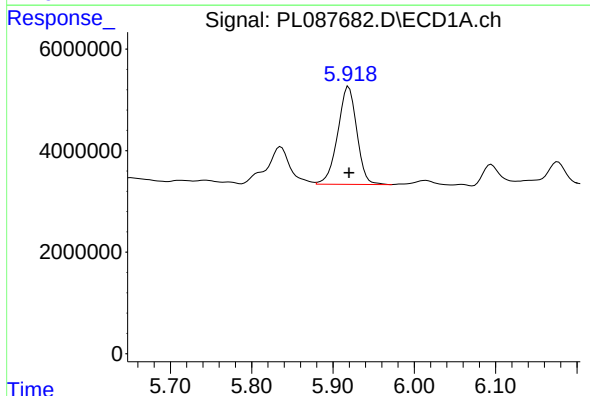
R.T.: 5.836 min  
Delta R.T.: -0.002 min  
Response: 14601374  
Conc: 26.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



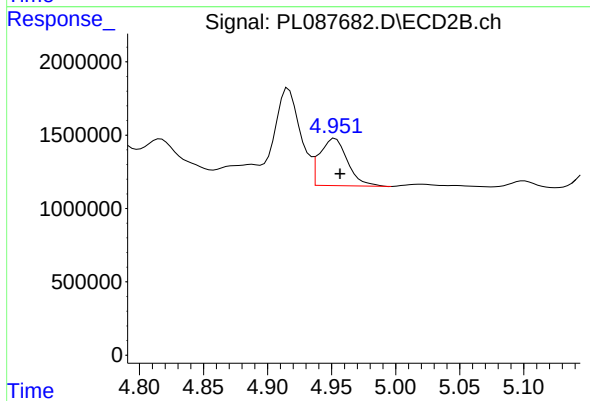
#25 Chlordane-3

R.T.: 4.888 min  
Delta R.T.: -0.006 min  
Response: 2639514  
Conc: 16.68 ng/ml



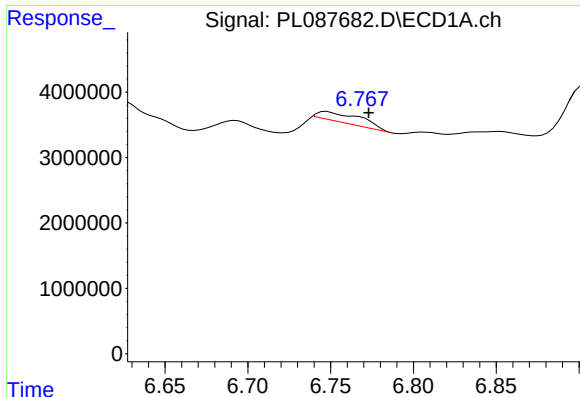
#26 Chlordane-4

R.T.: 5.919 min  
Delta R.T.: 0.000 min  
Response: 31328068  
Conc: 45.29 ng/ml



#26 Chlordane-4

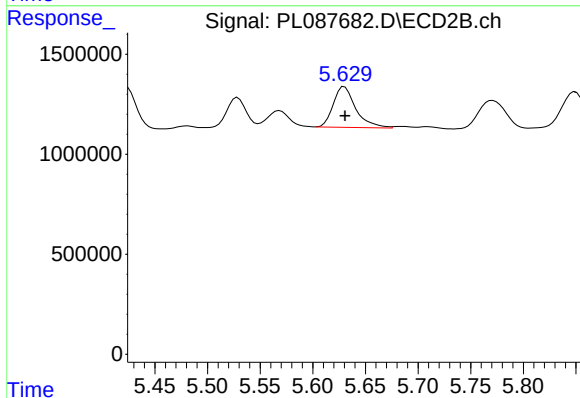
R.T.: 4.953 min  
Delta R.T.: -0.004 min  
Response: 4877138  
Conc: 28.54 ng/ml



#27 Chlordane-5

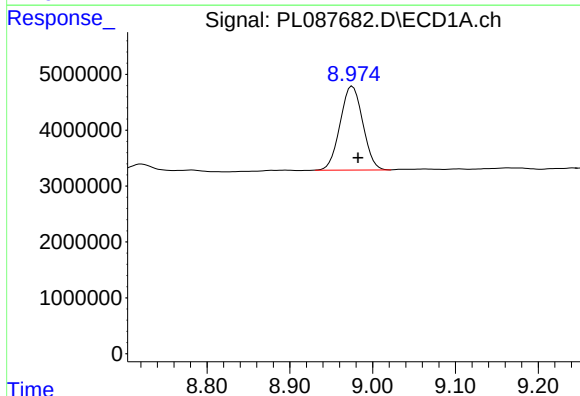
R.T.: 6.748 min  
Delta R.T.: -0.025 min  
Response: 2383927  
Conc: 21.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MR-311P-0-2



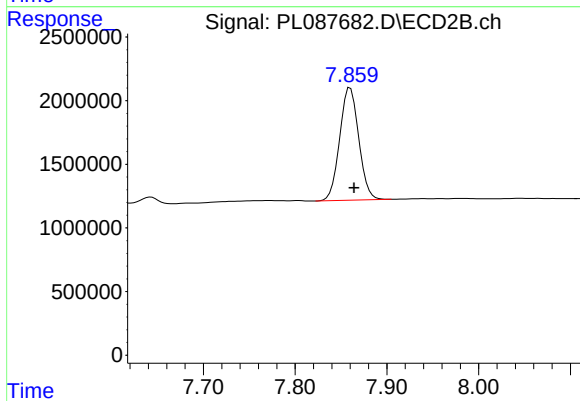
#27 Chlordane-5

R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 3022547  
Conc: 64.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: -0.007 min  
Response: 28562206  
Conc: 10.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.860 min  
Delta R.T.: -0.004 min  
Response: 12751350  
Conc: 10.07 ng/ml