

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072223\  
 Data File : PL084090.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2023 10:58  
 Operator : AR\AJ  
 Sample : 03654-01DL 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 20 11:22:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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... | 3.476  | 2.687  | 20692955 | 10056333 | 10.347 | 9.055    |
| 2)                          | SA Decachlor... | 9.026  | 7.871  | 6901481  | 12661866 | 5.302  | 11.396 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.221f | 0        | 88516    | N.D.   | 0.055 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.525  | 0        | 291158   | N.D.   | 0.191 #  |
| 4)                          | MA Heptachlor   | 4.862  | 3.852  | 1015466  | 4000710  | 0.374  | 3.395 #  |
| 5)                          | MB Aldrin       | 5.189  | 4.125f | 44309188 | 1317874  | 15.470 | 0.874 #  |
| 6)                          | B beta-BHC      | 4.455  | 3.852f | 1335608  | 4000710  | 1.113  | 6.061 #  |
| 7)                          | B delta-BHC     | 4.729f | 4.048  | 4722670  | 94943    | 1.772  | 0.063 #  |
| 8)                          | B Heptachlo...  | 5.634  | 4.652  | 32021659 | 5882445  | 11.995 | 4.581 #  |
| 9)                          | A Endosulfan I  | 0.000  | 5.015  | 0        | 1968572  | N.D.   | 1.605 #  |
| 10)                         | B gamma-Chl...  | 5.891  | 4.905  | 79283607 | 24894447 | 30.707 | 18.687 # |
| 11)                         | B alpha-Chl...  | 5.974  | 4.968  | 185.5E6  | 57114362 | 72.959 | 42.397 # |
| 12)                         | B 4,4'-DDE      | 6.129f | 5.165  | 5080422  | 6936     | 2.525  | 0.006 #  |
| 13)                         | MA Dieldrin     | 6.296  | 5.289  | 125.0E6  | 64740674 | 52.291 | 49.711   |
| 14)                         | MA Endrin       | 6.517  | 5.569  | -146067  | 588161   | N.D.   | 0.535    |
| 15)                         | B Endosulfa...  | 6.753  | 5.866  | 3704789  | 6111690  | 1.977  | 5.318 #  |
| 16)                         | A 4,4'-DDD      | 6.682f | 0.000  | 4629360  | 0        | 3.152  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.984  | 5.955f | 937648   | 1609386  | 0.588  | 1.767 #  |
| 19)                         | B Endosulfa...  | 7.122f | 6.274  | 2404330  | -180072  | 1.391  | N.D. #   |
| 20)                         | A Methoxychlor  | 7.457  | 6.571  | 44533    | 1702310  | 0.057  | 3.552 #  |
| 24)                         | Chlordane-2     | 5.189f | 4.277  | 44309188 | 20241546 | 55.460 | 47.740   |
| 25)                         | Chlordane-3     | 5.891  | 4.905  | 79283607 | 24894447 | 22.587 | 18.157   |
| 26)                         | Chlordane-4     | 5.974  | 4.968  | 185.5E6  | 57114362 | 45.434 | 39.865   |
| 27)                         | Chlordane-5     | 6.824  | 5.866  | 4826686  | 6111690  | 7.904  | 13.318 # |
| -----                       |                 |        |        |          |          |        |          |

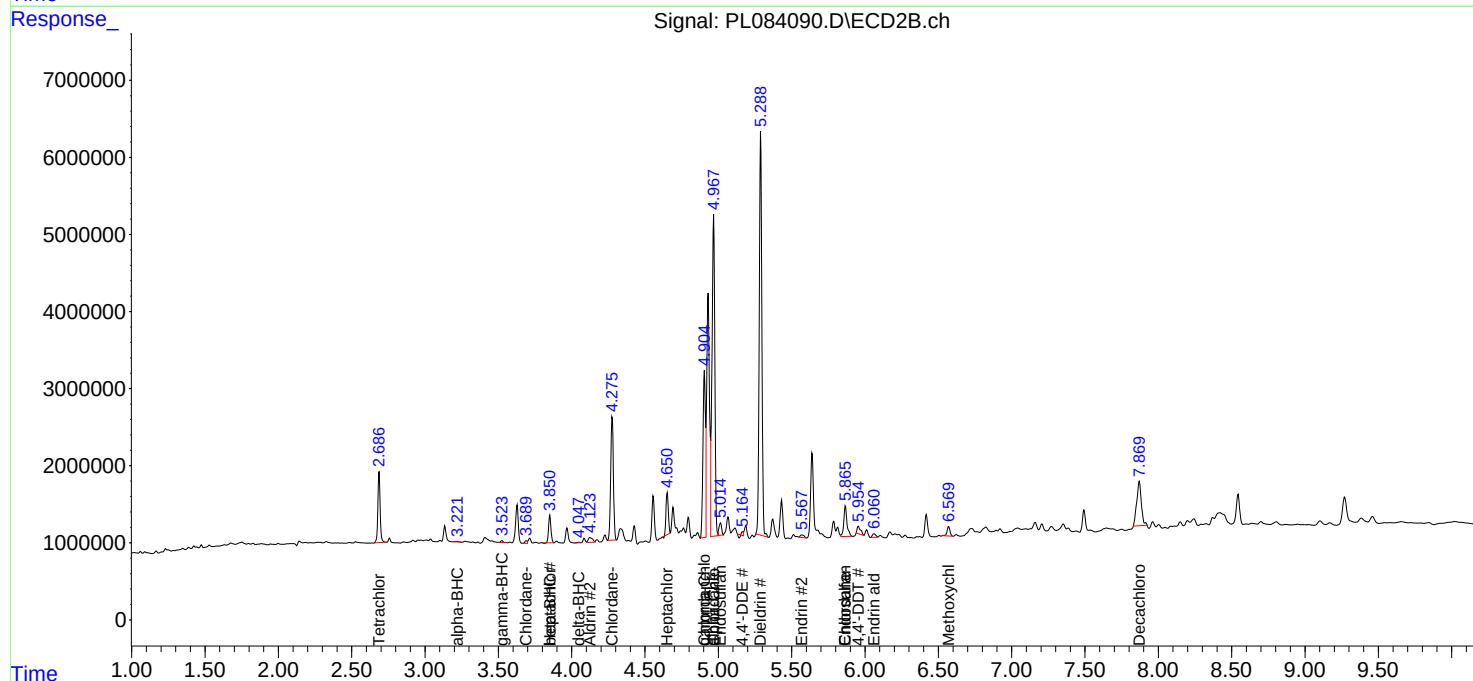
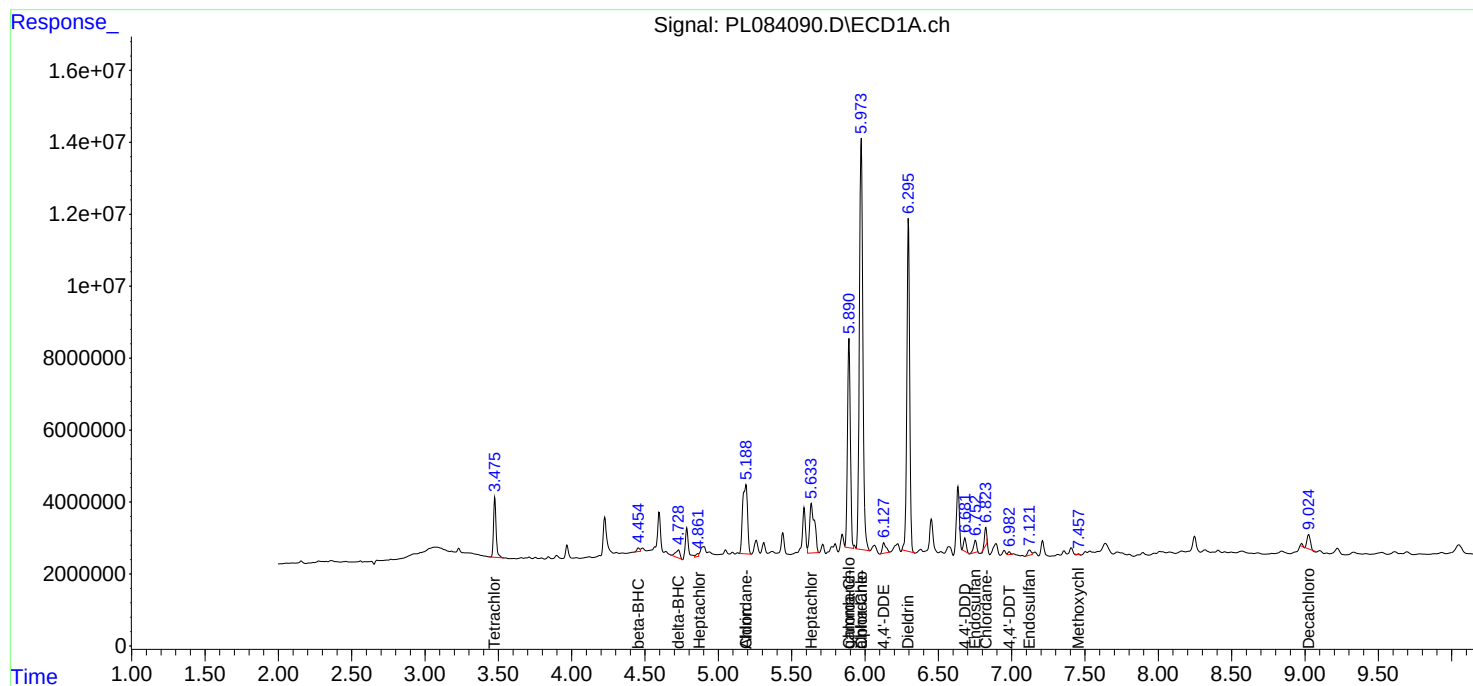
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

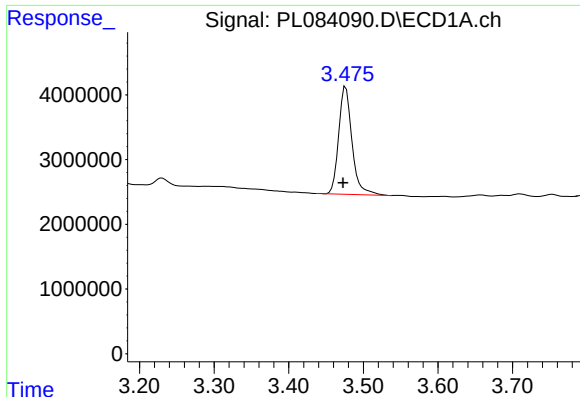
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072223\  
Data File : PL084090.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jul 2023 10:58  
Operator : AR\AJ  
Sample : 03654-01DL 2X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 20 11:22:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

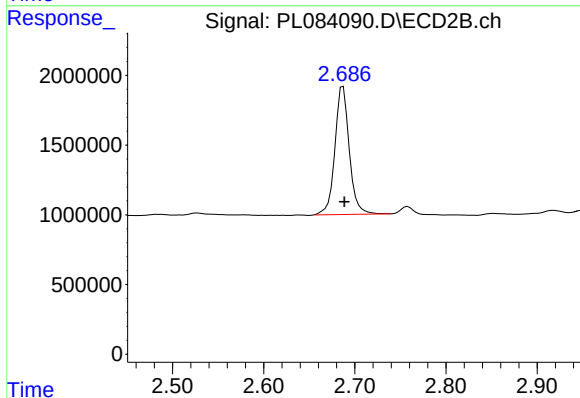




#1 Tetrachloro-m-xylene

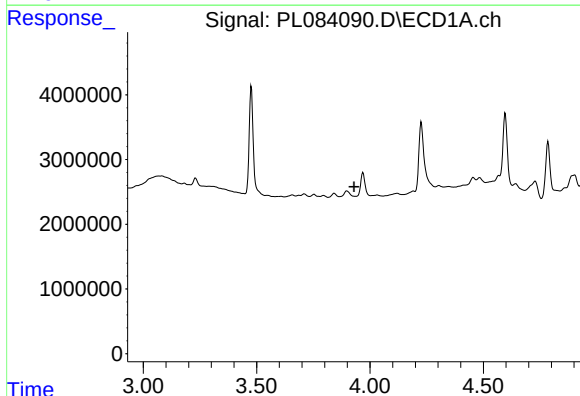
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 20692955  
Conc: 10.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



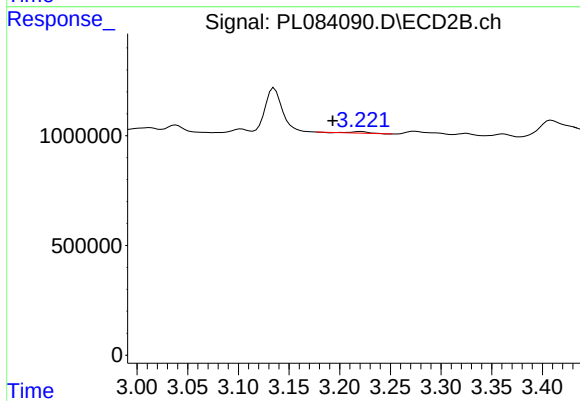
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.001 min  
Response: 10056333  
Conc: 9.06 ng/ml



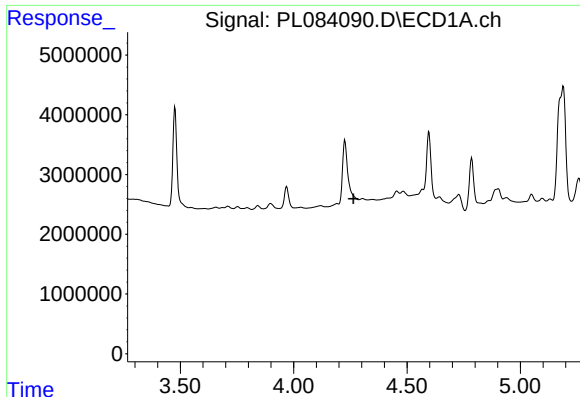
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

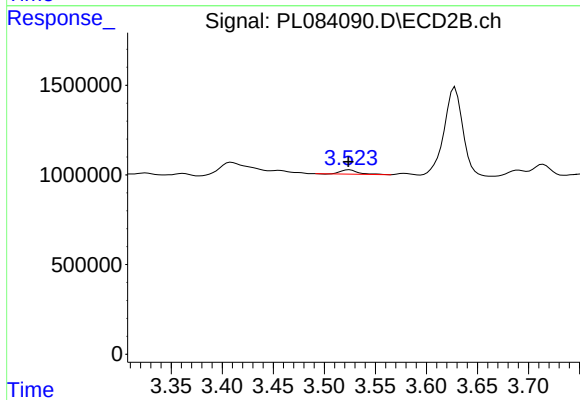
R.T.: 3.221 min  
Delta R.T.: 0.028 min  
Response: 88516  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

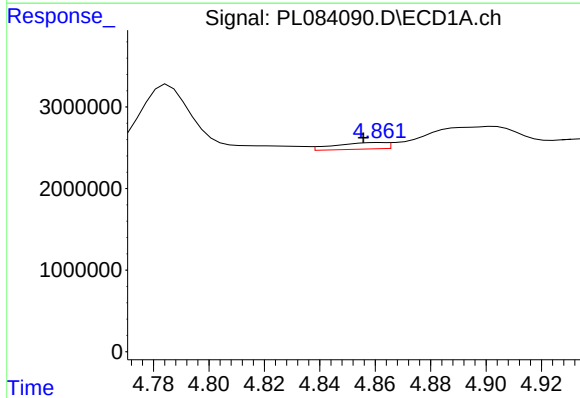
R.T.: 0.000 min  
Exp R.T.: 4.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



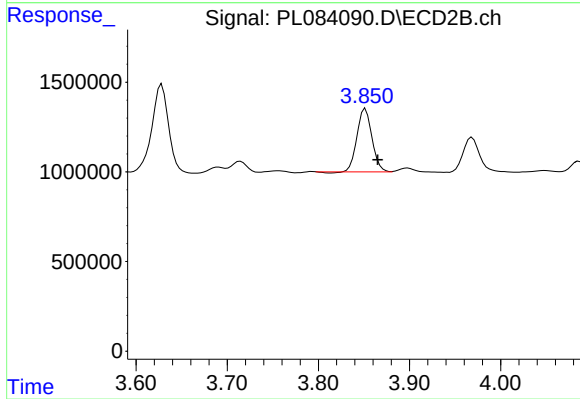
#3 gamma-BHC (Lindane)

R.T.: 3.525 min  
Delta R.T.: 0.001 min  
Response: 291158  
Conc: 0.19 ng/ml



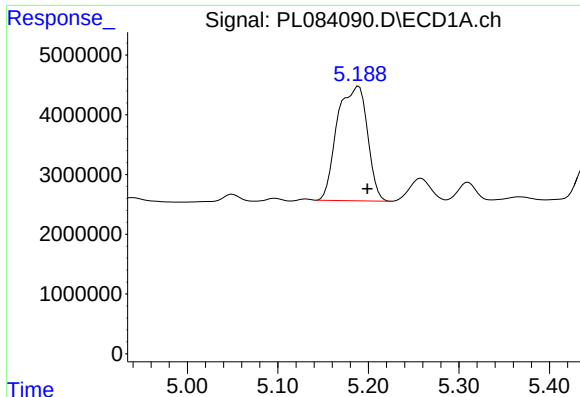
#4 Heptachlor

R.T.: 4.862 min  
Delta R.T.: 0.006 min  
Response: 1015466  
Conc: 0.37 ng/ml



#4 Heptachlor

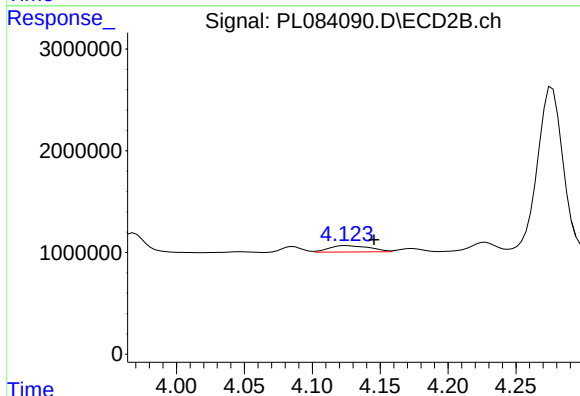
R.T.: 3.852 min  
Delta R.T.: -0.014 min  
Response: 4000710  
Conc: 3.39 ng/ml



#5 Aldrin

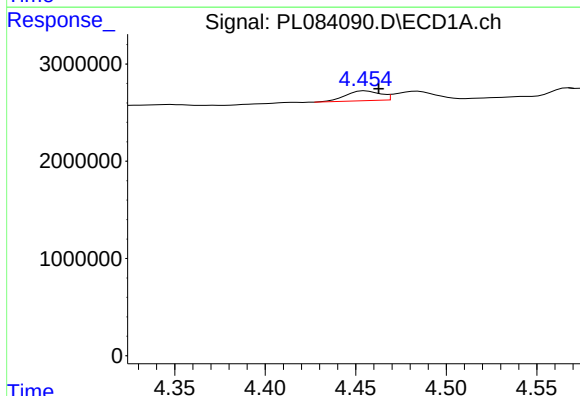
R.T.: 5.189 min  
Delta R.T.: -0.010 min  
Response: 44309188  
Conc: 15.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



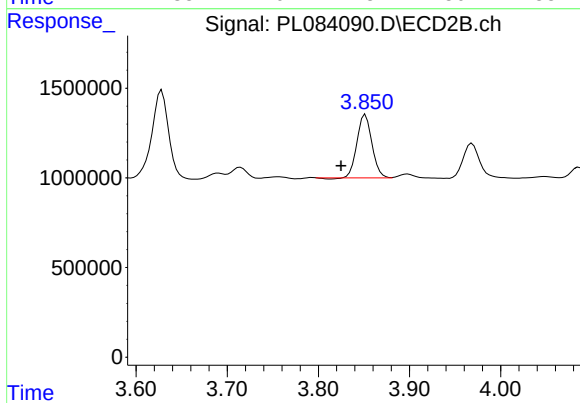
#5 Aldrin

R.T.: 4.125 min  
Delta R.T.: -0.021 min  
Response: 1317874  
Conc: 0.87 ng/ml



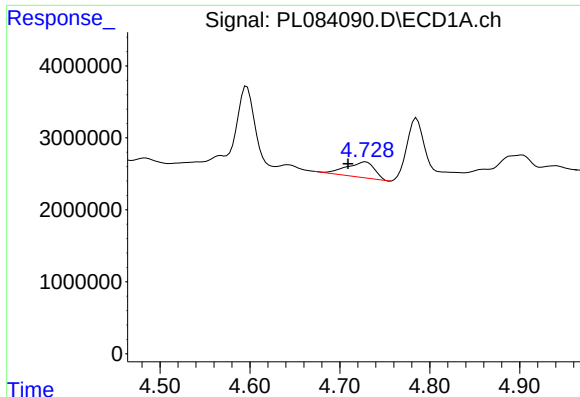
#6 beta-BHC

R.T.: 4.455 min  
Delta R.T.: -0.007 min  
Response: 1335608  
Conc: 1.11 ng/ml



#6 beta-BHC

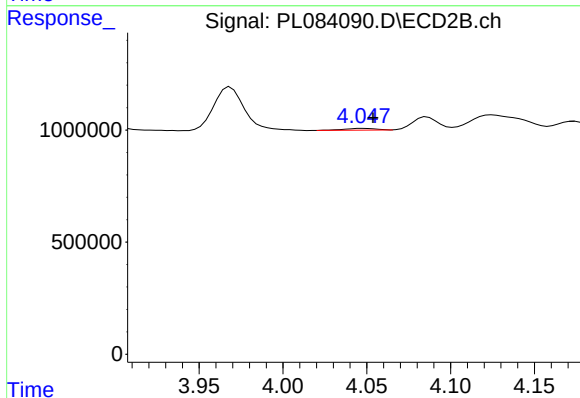
R.T.: 3.852 min  
Delta R.T.: 0.027 min  
Response: 4000710  
Conc: 6.06 ng/ml



#7 delta-BHC

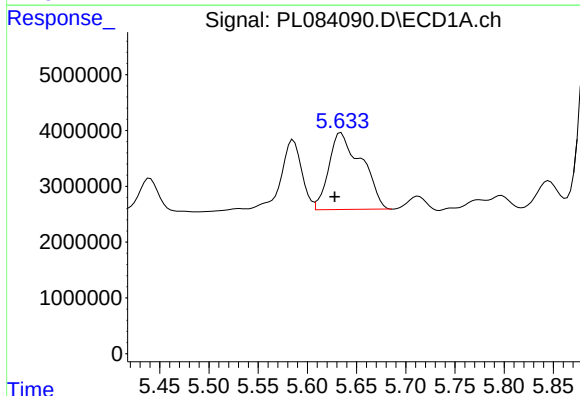
R.T.: 4.729 min  
Delta R.T.: 0.020 min  
Response: 4722670  
Conc: 1.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



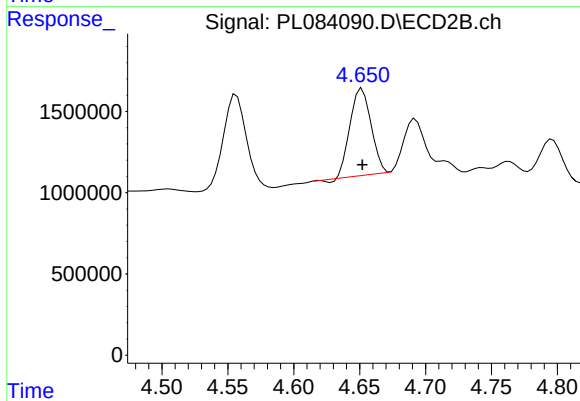
#7 delta-BHC

R.T.: 4.048 min  
Delta R.T.: -0.006 min  
Response: 94943  
Conc: 0.06 ng/ml



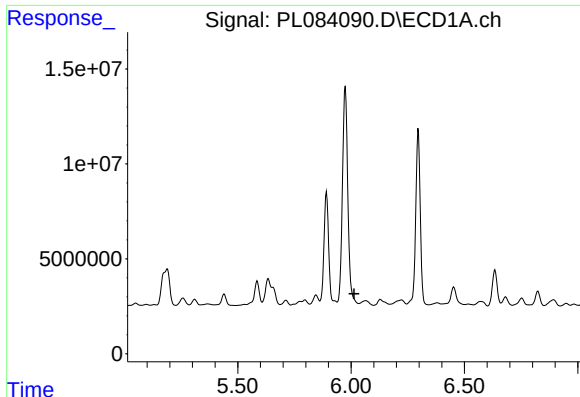
#8 Heptachlor epoxide

R.T.: 5.634 min  
Delta R.T.: 0.006 min  
Response: 32021659  
Conc: 11.99 ng/ml



#8 Heptachlor epoxide

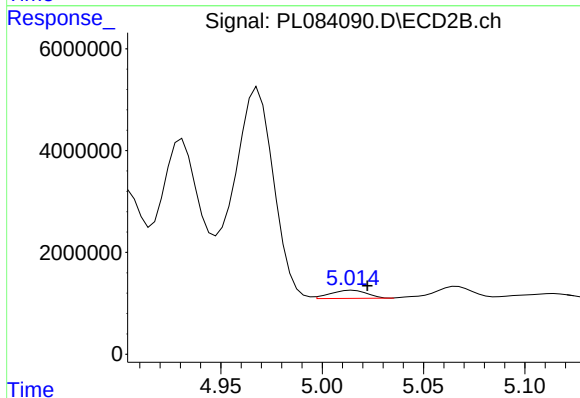
R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 5882445  
Conc: 4.58 ng/ml



#9 Endosulfan I

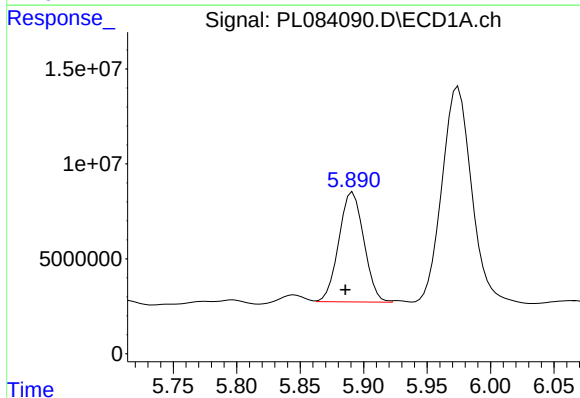
R.T.: 0.000 min  
Exp R.T.: 6.014 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



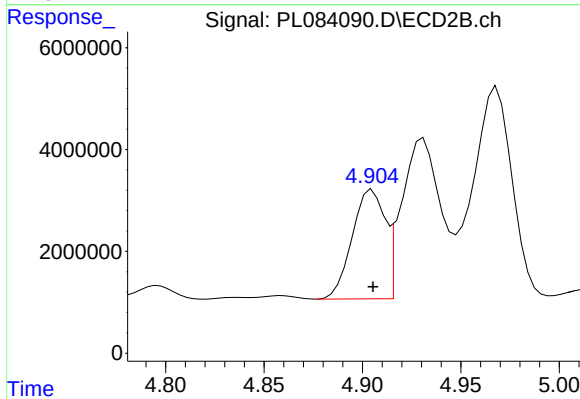
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.007 min  
Response: 1968572  
Conc: 1.60 ng/ml



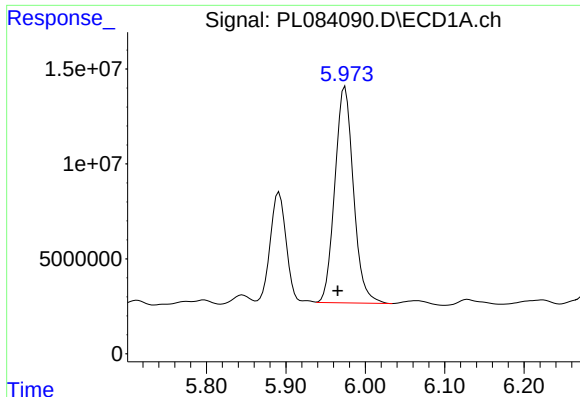
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.006 min  
Response: 79283607  
Conc: 30.71 ng/ml



#10 gamma-Chlordane

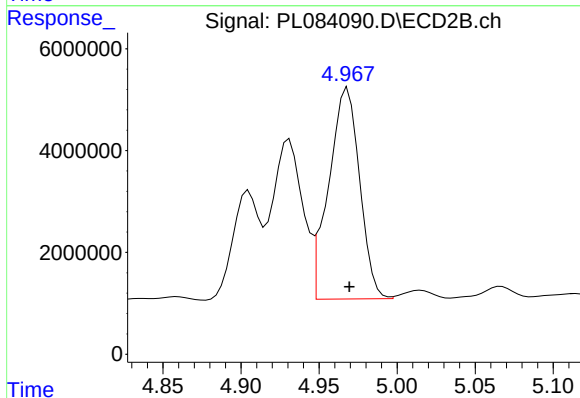
R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 24894447  
Conc: 18.69 ng/ml



#11 alpha-Chlordane

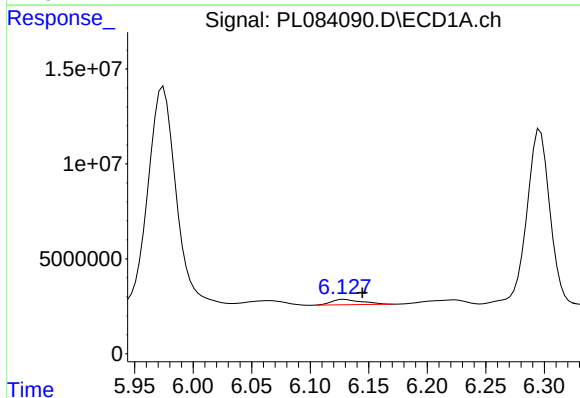
R.T.: 5.974 min  
Delta R.T.: 0.009 min  
Response: 185466805  
Conc: 72.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



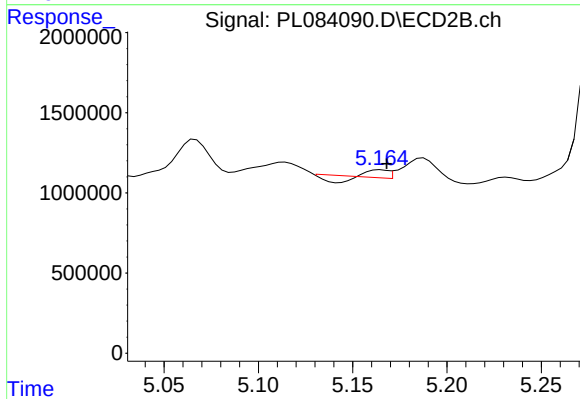
#11 alpha-Chlordane

R.T.: 4.968 min  
Delta R.T.: -0.001 min  
Response: 57114362  
Conc: 42.40 ng/ml



#12 4,4'-DDE

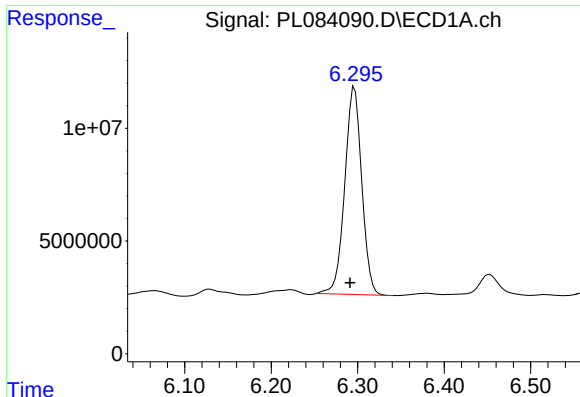
R.T.: 6.129 min  
Delta R.T.: -0.016 min  
Response: 5080422  
Conc: 2.53 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min  
Delta R.T.: -0.003 min  
Response: 6936  
Conc: 0.01 ng/ml

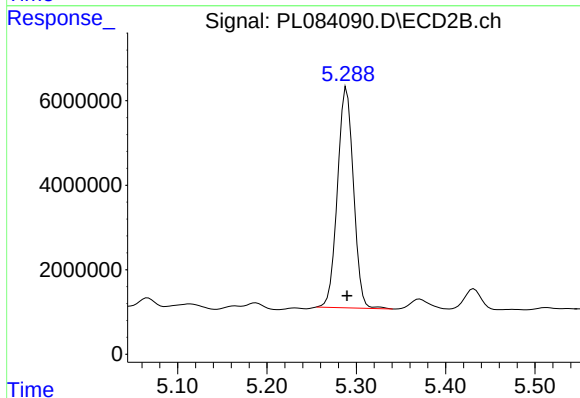




#13 Dieldrin

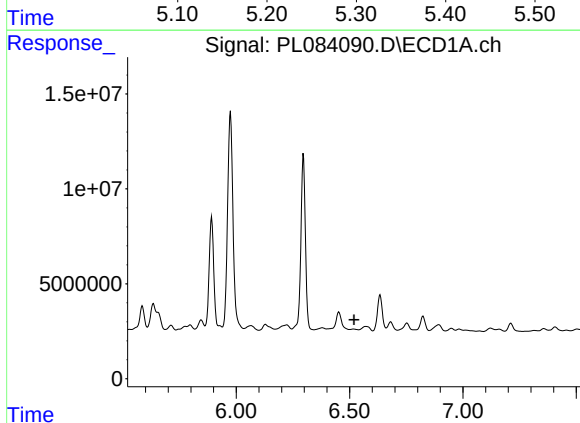
R.T.: 6.296 min  
Delta R.T.: 0.005 min  
Response: 124952421  
Conc: 52.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



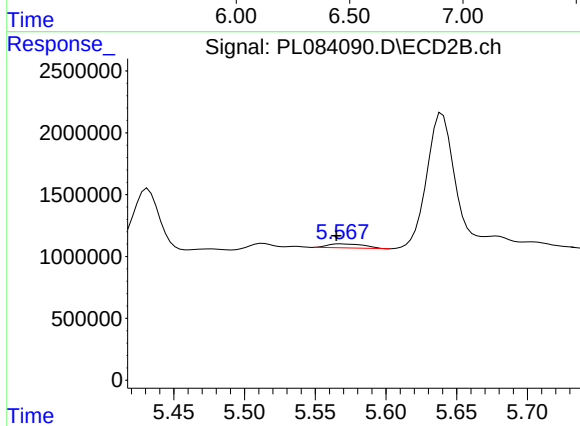
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 64740674  
Conc: 49.71 ng/ml



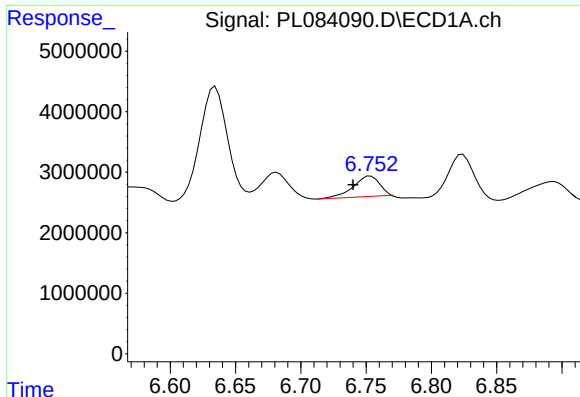
#14 Endrin

R.T.: 6.517 min  
Delta R.T.: -0.003 min  
Response: -146067  
Conc: N.D.



#14 Endrin

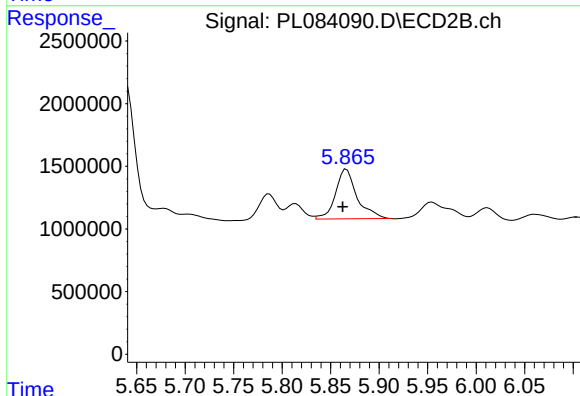
R.T.: 5.569 min  
Delta R.T.: 0.004 min  
Response: 588161  
Conc: 0.54 ng/ml



#15 Endosulfan II

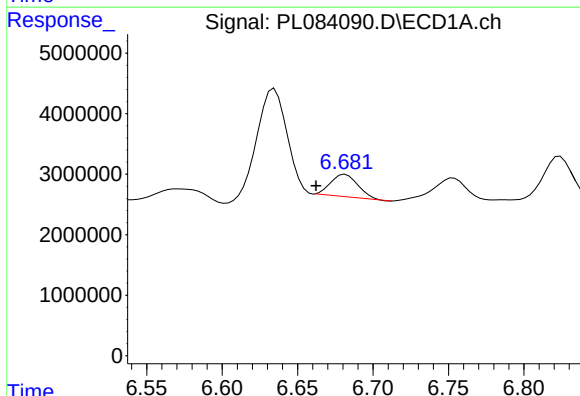
R.T.: 6.753 min  
Delta R.T.: 0.013 min  
Response: 3704789  
Conc: 1.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



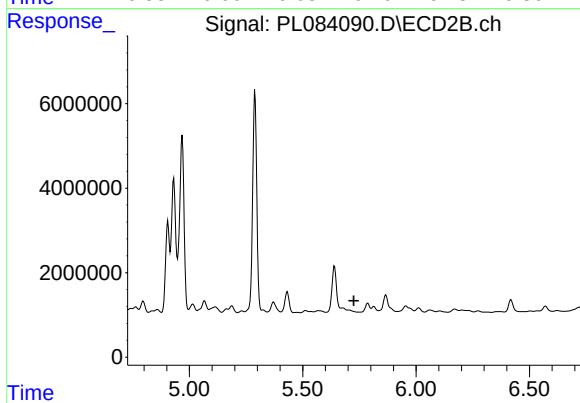
#15 Endosulfan II

R.T.: 5.866 min  
Delta R.T.: 0.004 min  
Response: 6111690  
Conc: 5.32 ng/ml



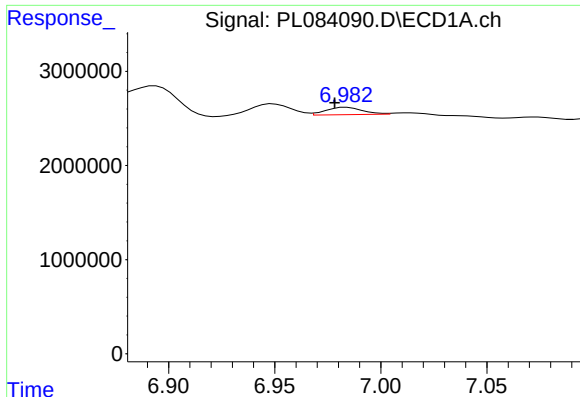
#16 4,4'-DDD

R.T.: 6.682 min  
Delta R.T.: 0.020 min  
Response: 4629360  
Conc: 3.15 ng/ml



#16 4,4'-DDD

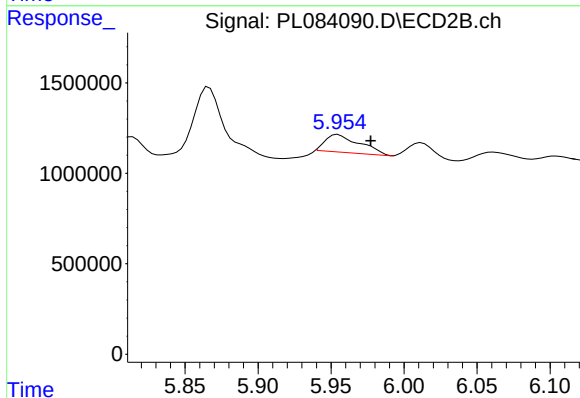
R.T.: 0.000 min  
Exp R.T. : 5.725 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

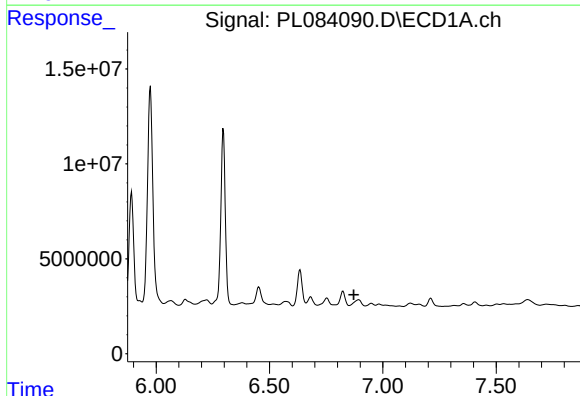
R.T.: 6.984 min  
Delta R.T.: 0.005 min  
Response: 937648  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



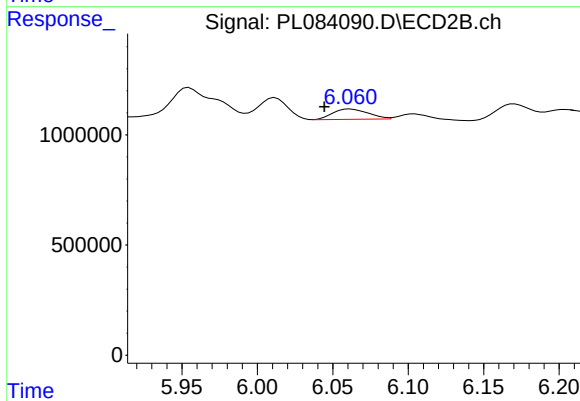
#17 4,4'-DDT

R.T.: 5.955 min  
Delta R.T.: -0.022 min  
Response: 1609386  
Conc: 1.77 ng/ml



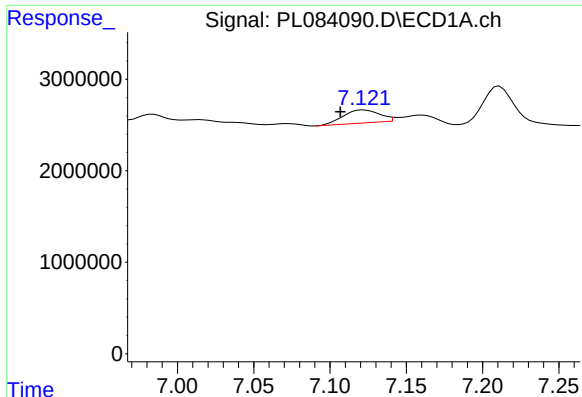
#18 Endrin aldehyde

R.T.: 6.894 min  
Delta R.T.: 0.022 min  
Response: -2378658  
Conc: N.D.



#18 Endrin aldehyde

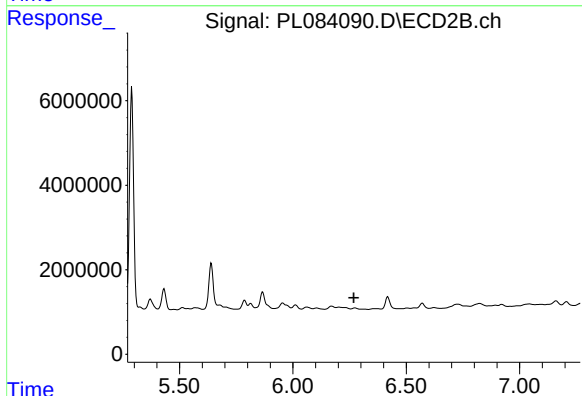
R.T.: 6.061 min  
Delta R.T.: 0.017 min  
Response: 769386  
Conc: 0.86 ng/ml



#19 Endosulfan Sulfate

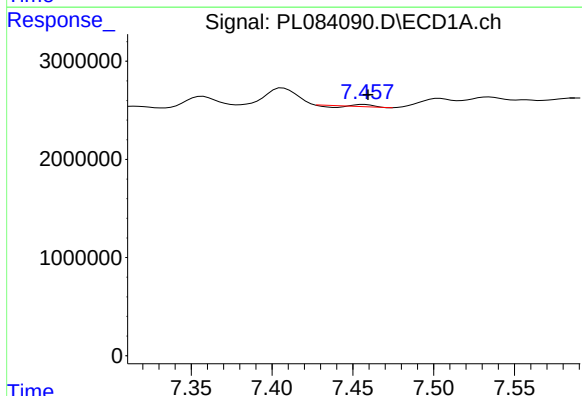
R.T.: 7.122 min  
Delta R.T.: 0.015 min  
Response: 2404330  
Conc: 1.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



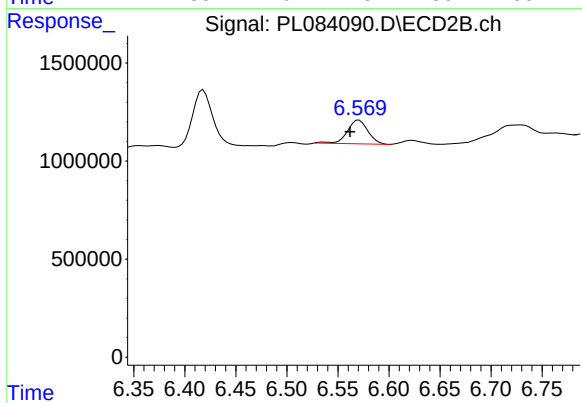
#19 Endosulfan Sulfate

R.T.: 6.274 min  
Delta R.T.: 0.005 min  
Response: -180072  
Conc: N.D.



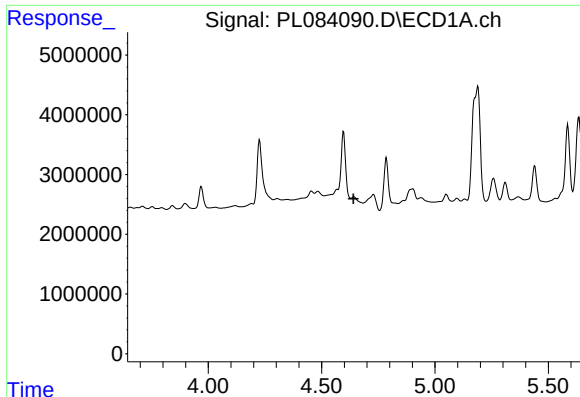
#20 Methoxychlor

R.T.: 7.457 min  
Delta R.T.: -0.003 min  
Response: 44533  
Conc: 0.06 ng/ml



#20 Methoxychlor

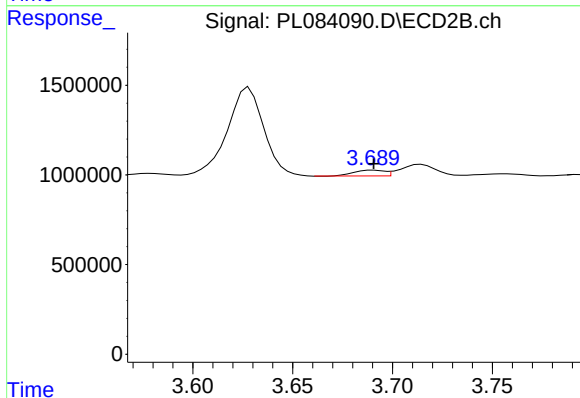
R.T.: 6.571 min  
Delta R.T.: 0.009 min  
Response: 1702310  
Conc: 3.55 ng/ml



#23 Chlordane-1

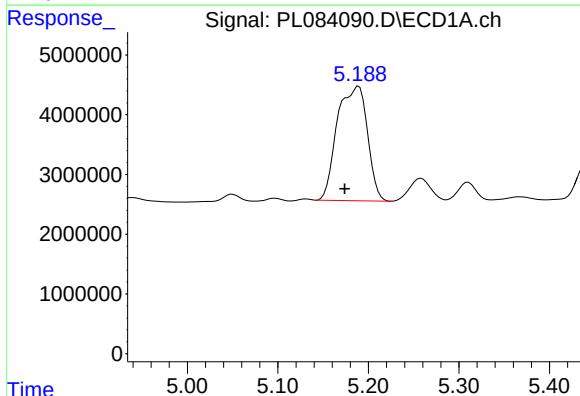
R.T.: 4.643 min  
Delta R.T.: 0.002 min  
Response: -739321  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



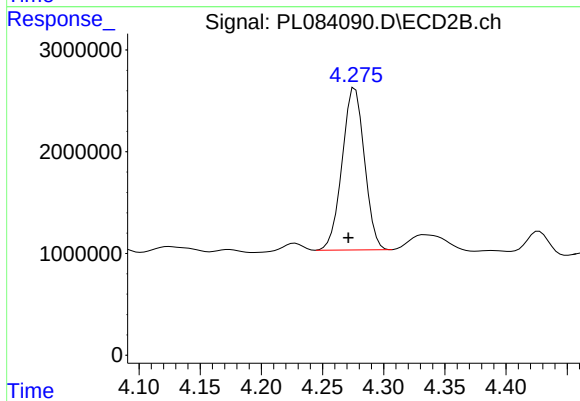
#23 Chlordane-1

R.T.: 3.690 min  
Delta R.T.: 0.000 min  
Response: 349272  
Conc: 0.88 ng/ml



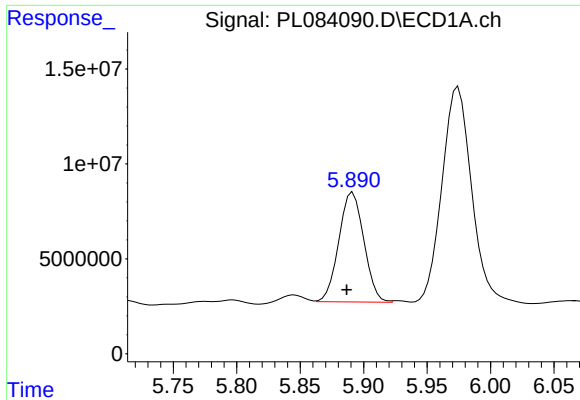
#24 Chlordane-2

R.T.: 5.189 min  
Delta R.T.: 0.016 min  
Response: 44309188  
Conc: 55.46 ng/ml



#24 Chlordane-2

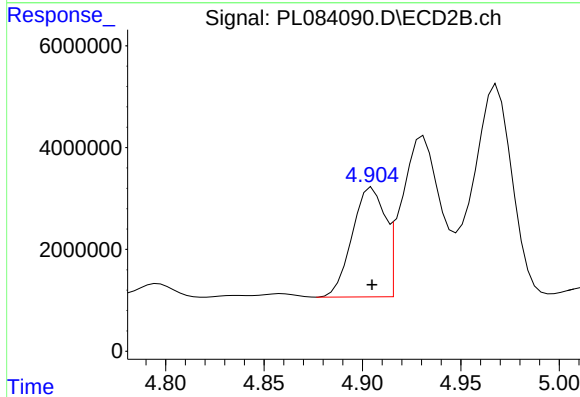
R.T.: 4.277 min  
Delta R.T.: 0.005 min  
Response: 20241546  
Conc: 47.74 ng/ml



#25 Chlordane-3

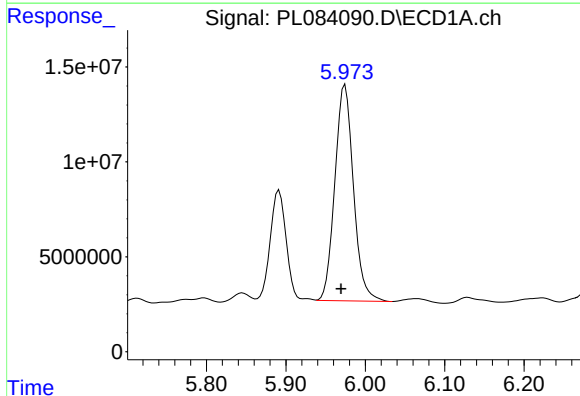
R.T.: 5.891 min  
Delta R.T.: 0.005 min  
Response: 79283607  
Conc: 22.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



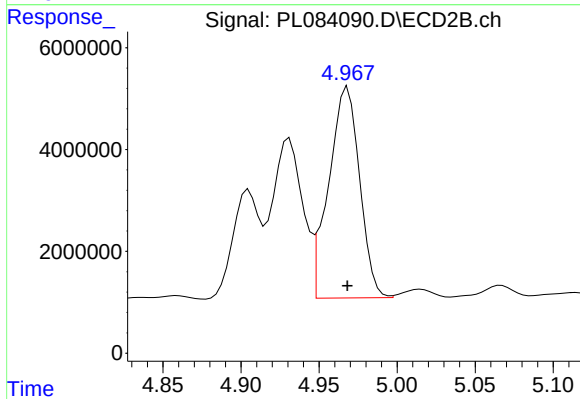
#25 Chlordane-3

R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 24894447  
Conc: 18.16 ng/ml



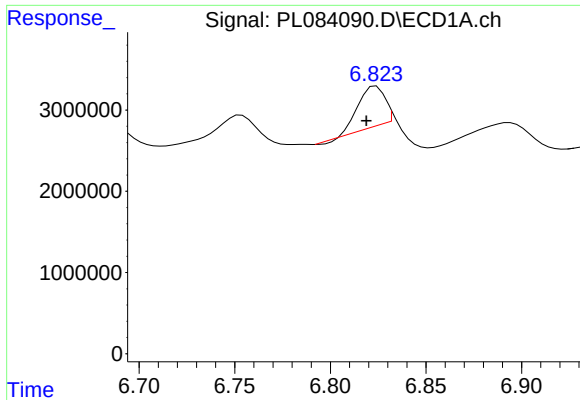
#26 Chlordane-4

R.T.: 5.974 min  
Delta R.T.: 0.005 min  
Response: 185466805  
Conc: 45.43 ng/ml



#26 Chlordane-4

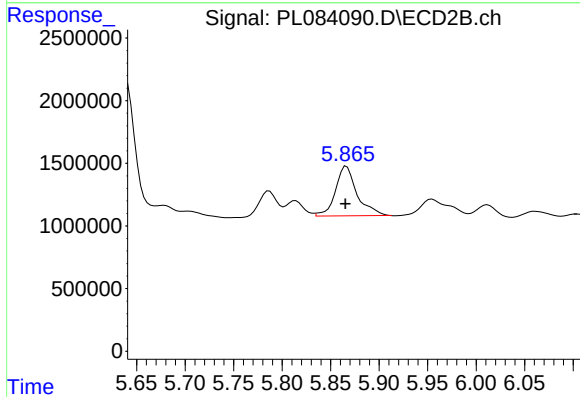
R.T.: 4.968 min  
Delta R.T.: 0.000 min  
Response: 57114362  
Conc: 39.87 ng/ml



#27 Chlordane-5

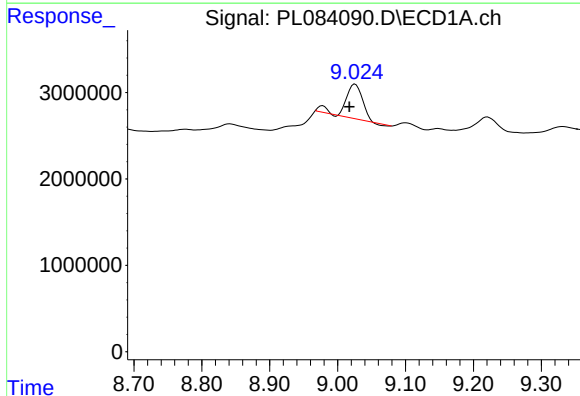
R.T.: 6.824 min  
Delta R.T.: 0.005 min  
Response: 4826686  
Conc: 7.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



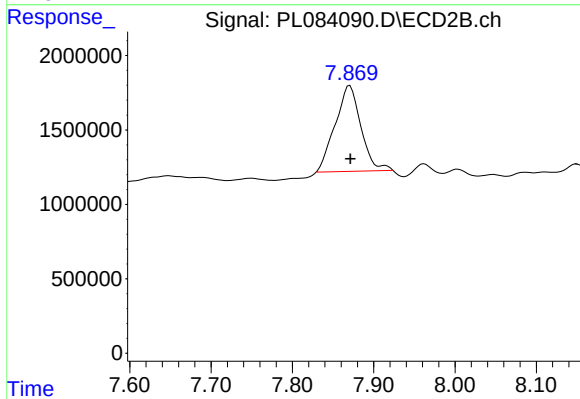
#27 Chlordane-5

R.T.: 5.866 min  
Delta R.T.: 0.000 min  
Response: 6111690  
Conc: 13.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.008 min  
Response: 6901481  
Conc: 5.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.000 min  
Response: 12661866  
Conc: 11.40 ng/ml