

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082323\  
 Data File : PL084926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2023 11:33  
 Operator : AR\AJ  
 Sample : TOXAPHENE362  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 22:25:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081523CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 15 05:52:51 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 x 0.50µm

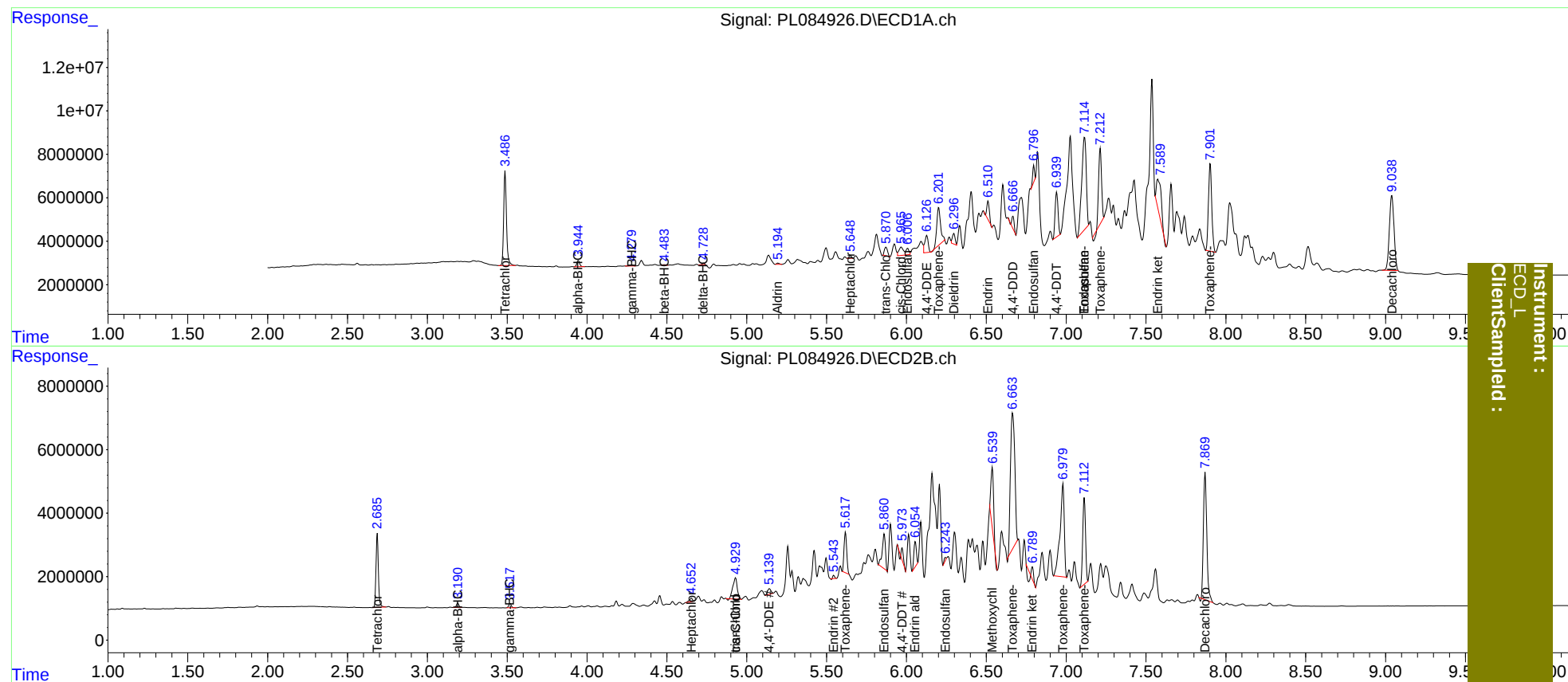
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|----------|
| -----                       |                 |        |       |          |          |          |          |
| System Monitoring Compounds |                 |        |       |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.487  | 2.687 | 53106579 | 24492807 | 21.184   | 20.748   |
| 27)                         | SA Decachlor... | 9.039  | 7.871 | 70480969 | 57891649 | 41.127   | 42.743   |
| Target Compounds            |                 |        |       |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.946  | 3.191 | 3541996  | 1419872  | 0.980    | 0.837    |
| 3)                          | MA gamma-BHC... | 4.281  | 3.518 | 616667   | 1522225  | 0.178    | 0.939 #  |
| 5)                          | MB Aldrin       | 5.195  | 0.000 | 653359   | 0        | 0.181    | N.D. #   |
| 6)                          | B beta-BHC      | 4.485  | 0.000 | 308990   | 0        | 0.175    | N.D. #   |
| 7)                          | B delta-BHC     | 4.729  | 0.000 | 474639   | 0        | 0.130    | N.D. #   |
| 8)                          | B Heptachlo...  | 5.649  | 4.654 | 1311521  | 1427410  | 0.393    | 0.944 #  |
| 9)                          | A Endosulfan I  | 6.008  | 0.000 | 3932482  | 0        | 1.380    | N.D. #   |
| 10)                         | B trans-Chl...  | 5.872  | 4.930 | 5271004  | 12915453 | 1.671    | 8.572 #  |
| 11)                         | B cis-Chlor...  | 5.967  | 4.930 | 7546867  | 12915453 | 2.368    | 8.349 #  |
| 12)                         | B 4,4'-DDE      | 6.127  | 5.142 | 11665795 | 2721071  | 4.409    | 1.857 #  |
| 13)                         | MA Dieldrin     | 6.297  | 5.284 | 5828824  | -240424  | 2.038    | N.D. #   |
| 14)                         | MA Endrin       | 6.511  | 5.545 | 9490974  | 707089   | 4.166    | 0.514 #  |
| 15)                         | B Endosulfa...  | 6.797f | 5.861 | 5851265  | 15414948 | 2.488    | 11.099 # |
| 16)                         | A 4,4'-DDD      | 6.667  | 5.735 | 6109095  | -1381361 | 3.229    | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.941f | 5.973 | 26314461 | 3098771  | 13.650   | 2.391 #  |
| 18)                         | B Endrin al...  | 6.902  | 6.055 | -3893469 | 8486795  | N.D.     | 7.464    |
| 19)                         | B Endosulfa...  | 7.115  | 6.244 | 83924615 | 778753   | 37.941   | 0.570 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.537 | 0        | 22581492 | N.D.     | 31.909   |
| 21)                         | B Endrin ke...  | 7.574  | 6.789 | 31499617 | 1298253  | 14.350   | 0.805 #  |
| 22)                         | Toxaphene-1     | 6.202  | 5.284 | 29698148 | -240424  | 1444.164 | N.D. #   |
| 23)                         | Toxaphene-2     | 0.000  | 5.618 | 0        | 14887421 | N.D.     | 1667.459 |
| 24)                         | Toxaphene-3     | 7.115  | 6.664 | 83924615 | 80827108 | 1769.558 | 1704.226 |
| 25)                         | Toxaphene-4     | 7.214  | 6.980 | 41297364 | 54623350 | 1506.680 | 1719.175 |
| 26)                         | Toxaphene-5     | 7.902  | 7.114 | 58825056 | 33489465 | 1789.358 | 1757.690 |
| -----                       |                 |        |       |          |          |          |          |

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

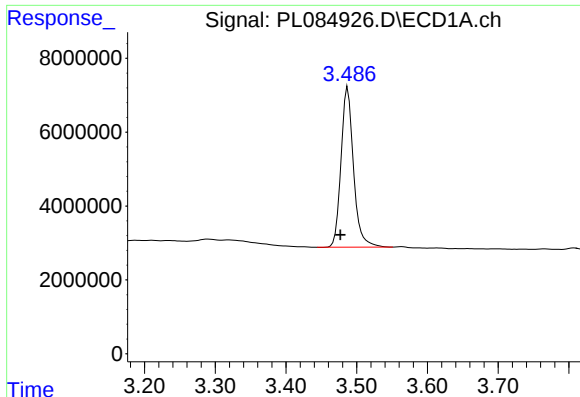
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082323\  
Data File : PL084926.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Aug 2023 11:33  
Operator : AR\AJ  
Sample : TOXAPHENE362  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 22:25:42 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081523CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 15 05:52:51 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 x 0.50µm



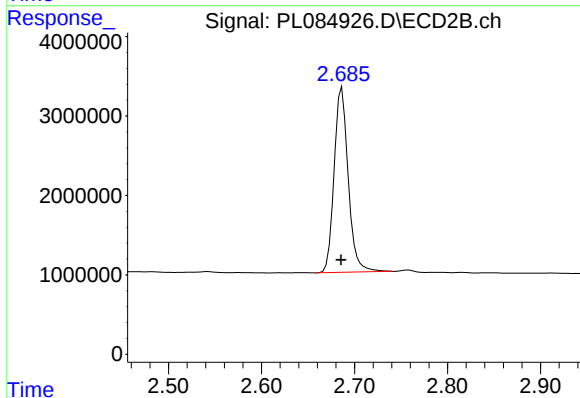
Instrument :  
ECD\_L  
ClientSampled :



#1 Tetrachloro-m-xylene

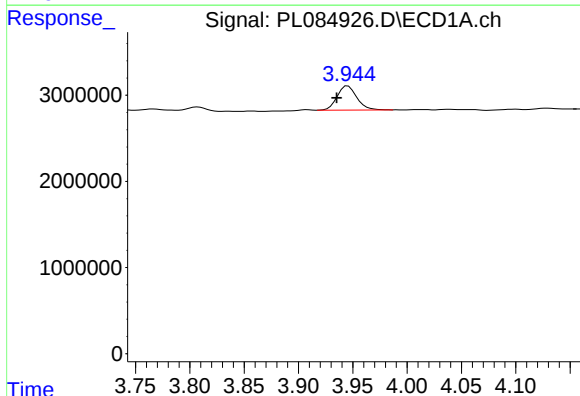
R.T.: 3.487 min  
Delta R.T.: 0.010 min  
Response: 53106579  
Conc: 21.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



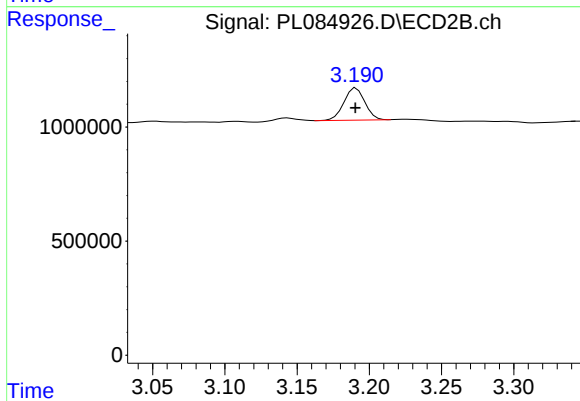
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 24492807  
Conc: 20.75 ng/ml



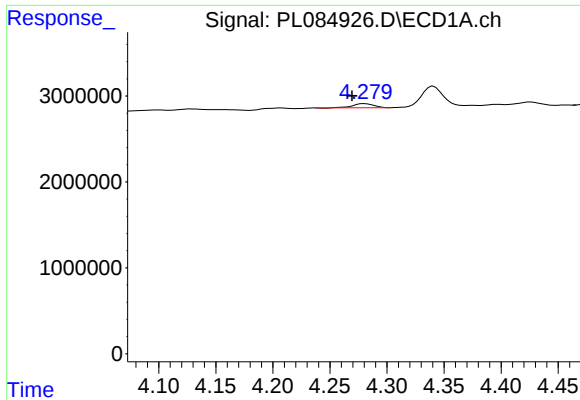
#2 alpha-BHC

R.T.: 3.946 min  
Delta R.T.: 0.010 min  
Response: 3541996  
Conc: 0.98 ng/ml



#2 alpha-BHC

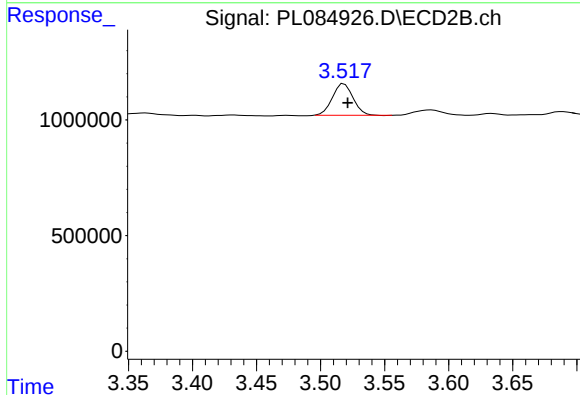
R.T.: 3.191 min  
Delta R.T.: 0.000 min  
Response: 1419872  
Conc: 0.84 ng/ml



#3 gamma-BHC (Lindane)

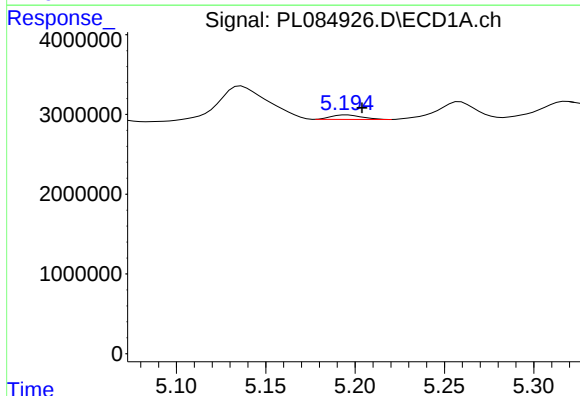
R.T.: 4.281 min  
Delta R.T.: 0.011 min  
Response: 616667  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



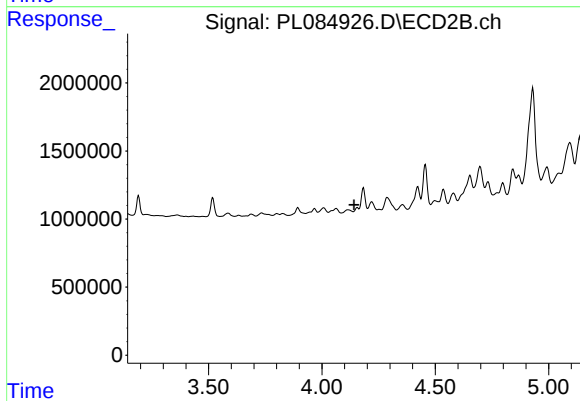
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.003 min  
Response: 1522225  
Conc: 0.94 ng/ml



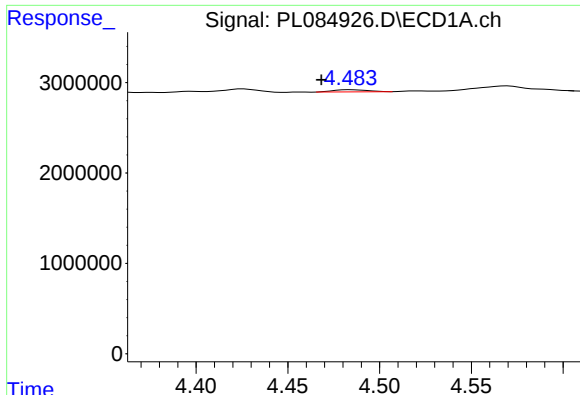
#5 Aldrin

R.T.: 5.195 min  
Delta R.T.: -0.009 min  
Response: 653359  
Conc: 0.18 ng/ml



#5 Aldrin

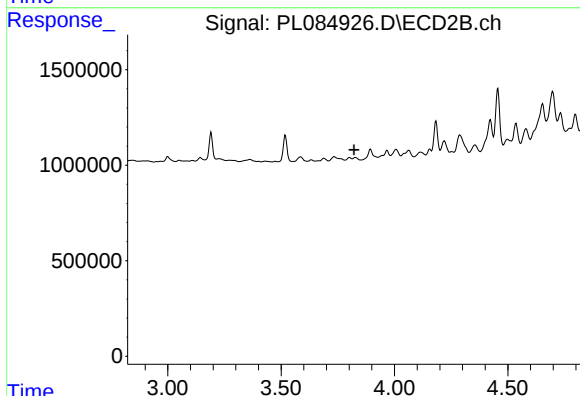
R.T.: 0.000 min  
Exp R.T. : 4.142 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

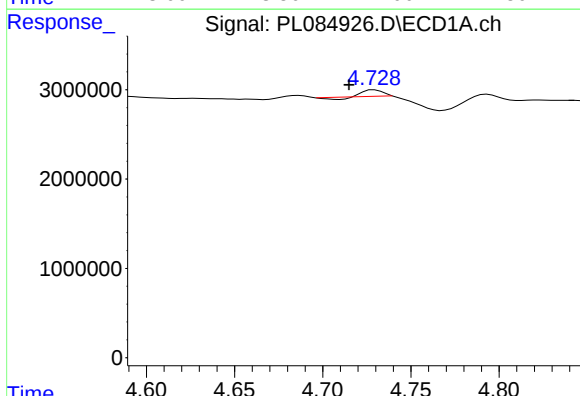
R.T.: 4.485 min  
Delta R.T.: 0.016 min  
Response: 308990  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



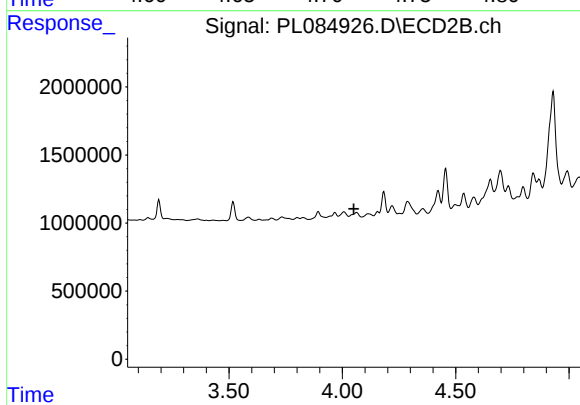
#6 beta-BHC

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



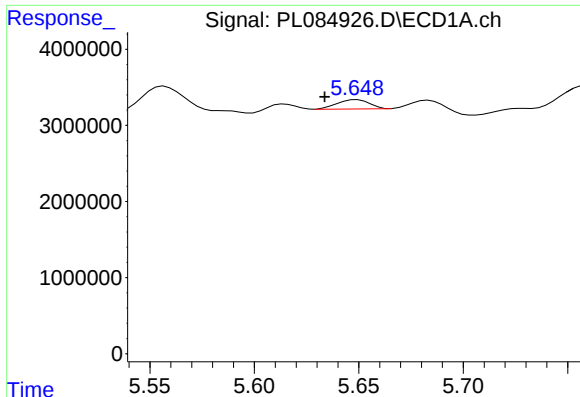
#7 delta-BHC

R.T.: 4.729 min  
Delta R.T.: 0.014 min  
Response: 474639  
Conc: 0.13 ng/ml



#7 delta-BHC

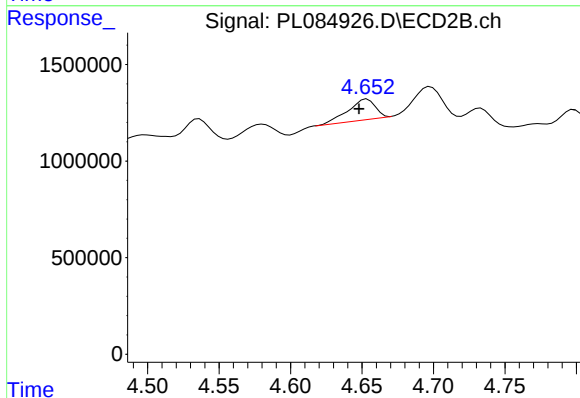
R.T.: 0.000 min  
Exp R.T. : 4.051 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

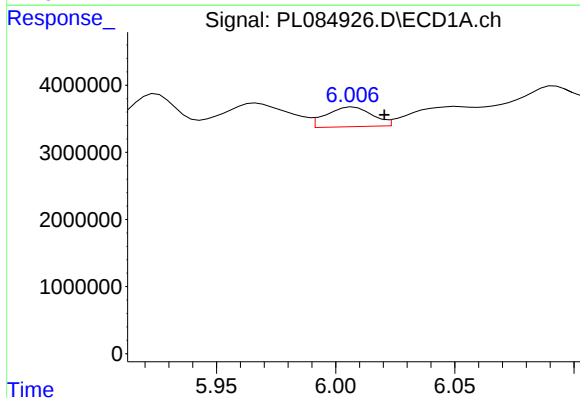
R.T.: 5.649 min  
Delta R.T.: 0.016 min  
Response: 1311521  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



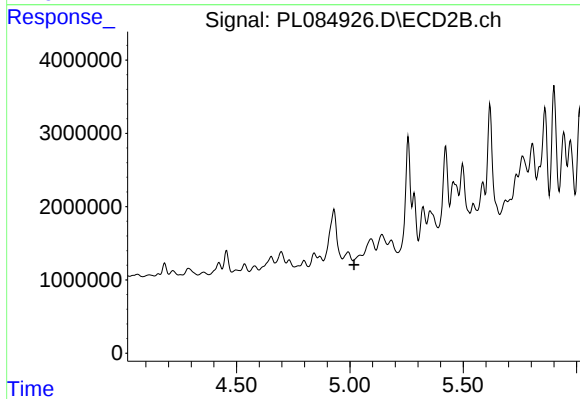
#8 Heptachlor epoxide

R.T.: 4.654 min  
Delta R.T.: 0.006 min  
Response: 1427410  
Conc: 0.94 ng/ml



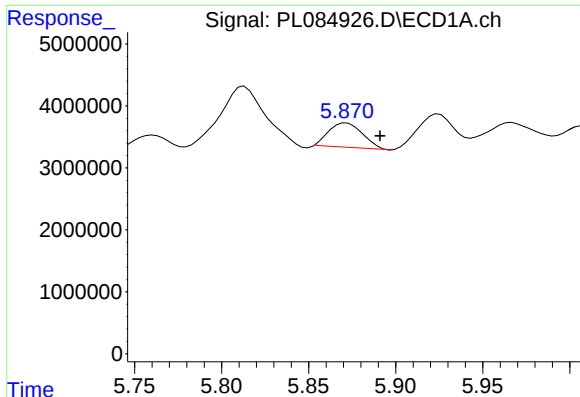
#9 Endosulfan I

R.T.: 6.008 min  
Delta R.T.: -0.013 min  
Response: 3932482  
Conc: 1.38 ng/ml



#9 Endosulfan I

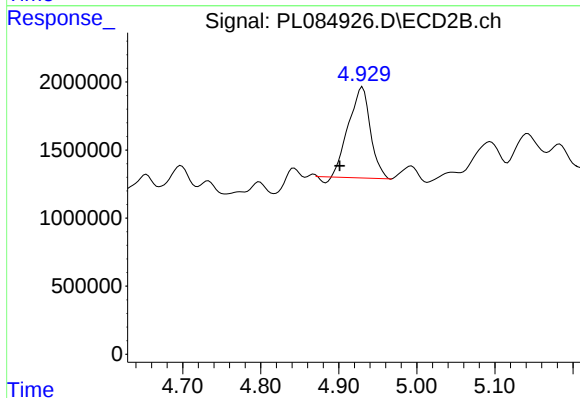
R.T.: 0.000 min  
Exp R.T. : 5.019 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

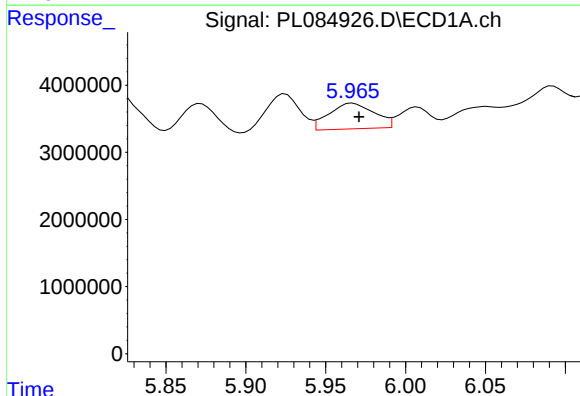
R.T.: 5.872 min  
Delta R.T.: -0.019 min  
Response: 5271004  
Conc: 1.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



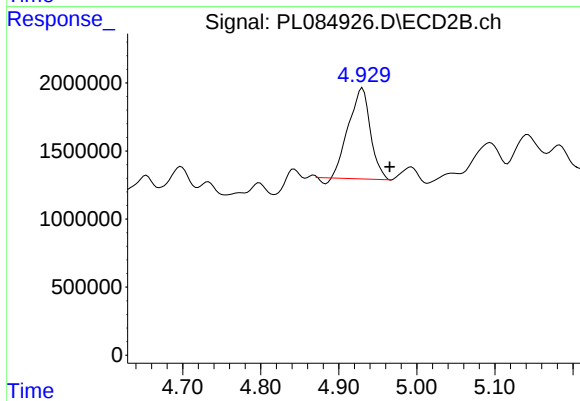
#10 trans-Chlordane

R.T.: 4.930 min  
Delta R.T.: 0.029 min  
Response: 12915453  
Conc: 8.57 ng/ml



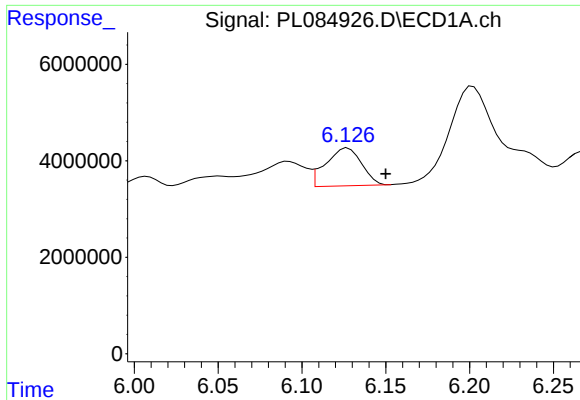
#11 cis-Chlordane

R.T.: 5.967 min  
Delta R.T.: -0.004 min  
Response: 7546867  
Conc: 2.37 ng/ml



#11 cis-Chlordane

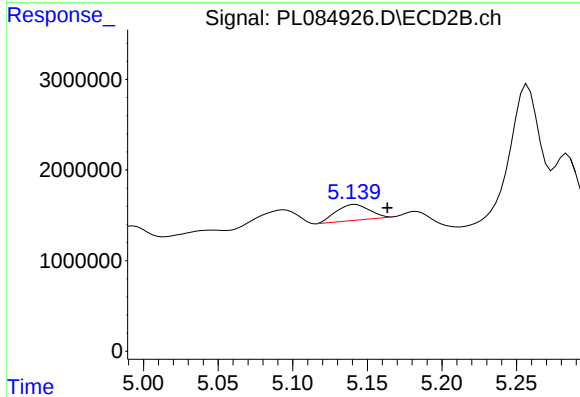
R.T.: 4.930 min  
Delta R.T.: -0.035 min  
Response: 12915453  
Conc: 8.35 ng/ml



#12 4,4'-DDE

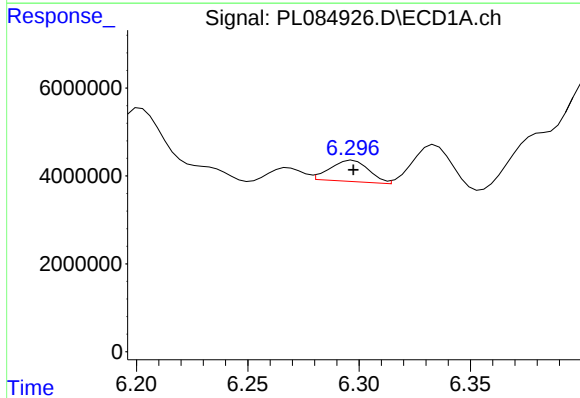
R.T.: 6.127 min  
Delta R.T.: -0.023 min  
Response: 11665795  
Conc: 4.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



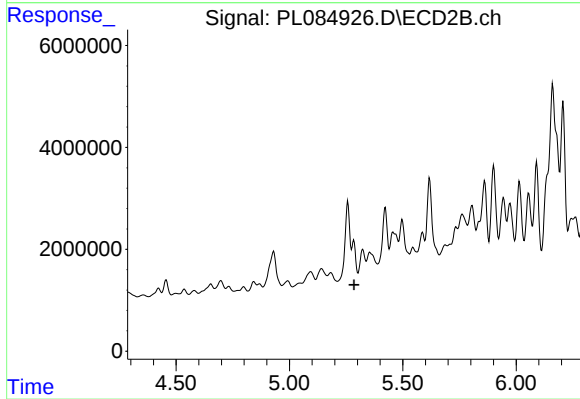
#12 4,4'-DDE

R.T.: 5.142 min  
Delta R.T.: -0.021 min  
Response: 2721071  
Conc: 1.86 ng/ml



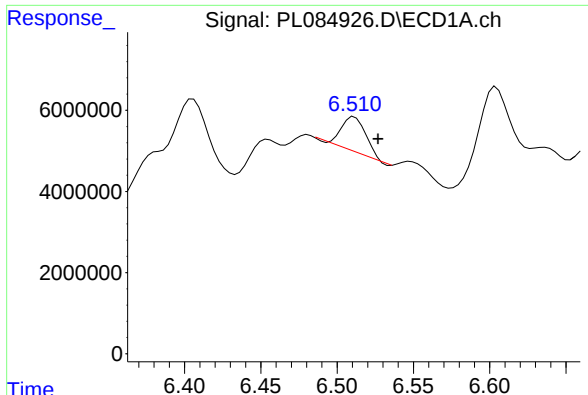
#13 Dieldrin

R.T.: 6.297 min  
Delta R.T.: 0.000 min  
Response: 5828824  
Conc: 2.04 ng/ml



#13 Dieldrin

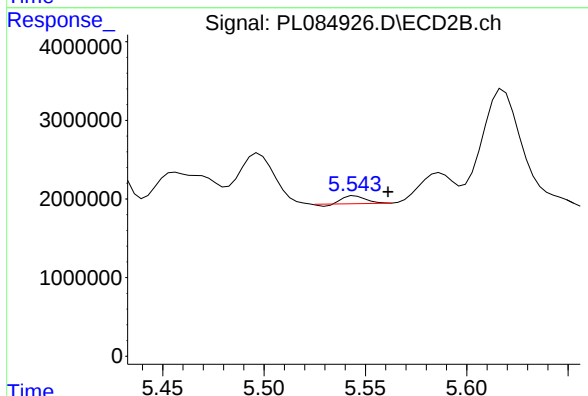
R.T.: 5.284 min  
Delta R.T.: -0.002 min  
Response: -240424  
Conc: N.D.



#14 Endrin

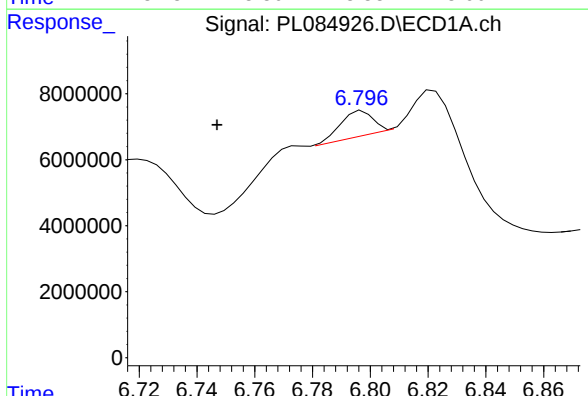
R.T.: 6.511 min  
Delta R.T.: -0.016 min  
Response: 9490974  
Conc: 4.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



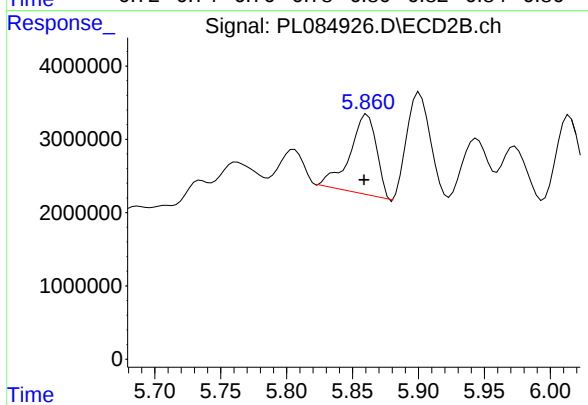
#14 Endrin

R.T.: 5.545 min  
Delta R.T.: -0.016 min  
Response: 707089  
Conc: 0.51 ng/ml



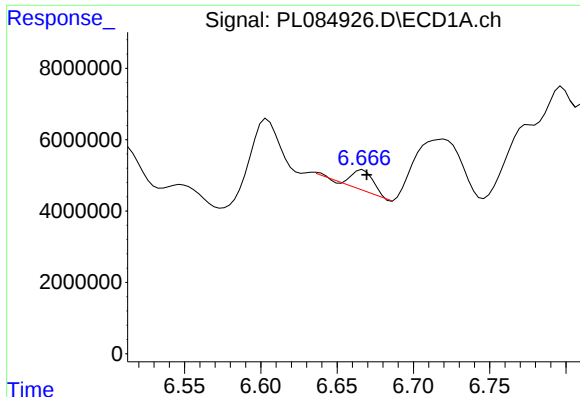
#15 Endosulfan II

R.T.: 6.797 min  
Delta R.T.: 0.051 min  
Response: 5851265  
Conc: 2.49 ng/ml



#15 Endosulfan II

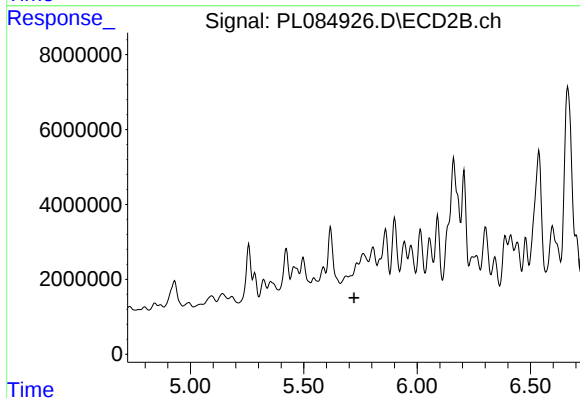
R.T.: 5.861 min  
Delta R.T.: 0.003 min  
Response: 15414948  
Conc: 11.10 ng/ml



#16 4,4'-DDD

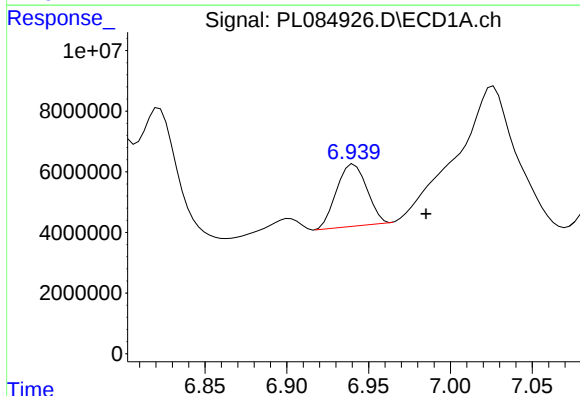
R.T.: 6.667 min  
Delta R.T.: -0.003 min  
Response: 6109095  
Conc: 3.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



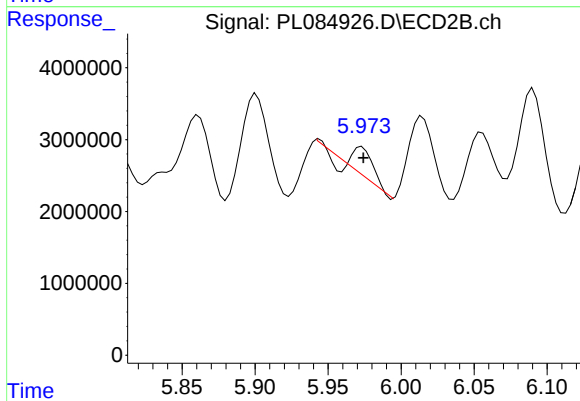
#16 4,4'-DDD

R.T.: 5.735 min  
Delta R.T.: 0.013 min  
Response: -1381361  
Conc: N.D.



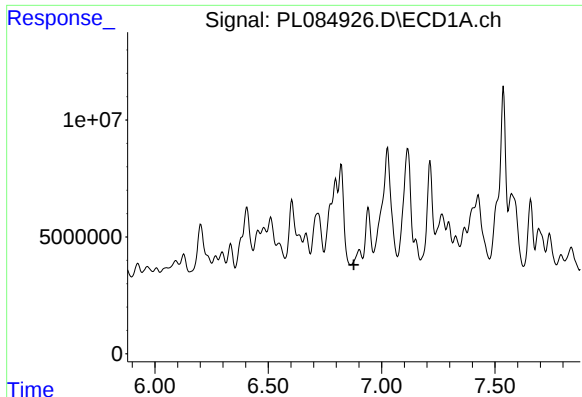
#17 4,4'-DDT

R.T.: 6.941 min  
Delta R.T.: -0.044 min  
Response: 26314461  
Conc: 13.65 ng/ml



#17 4,4'-DDT

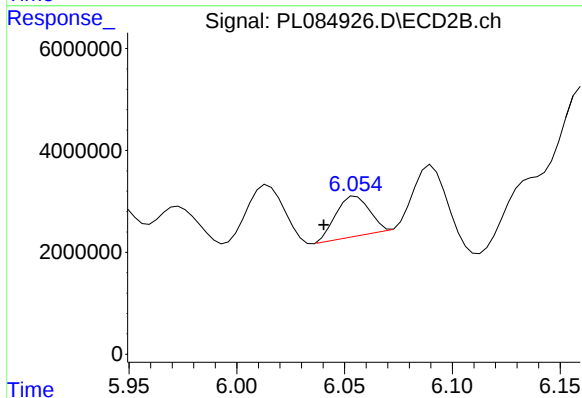
R.T.: 5.973 min  
Delta R.T.: -0.001 min  
Response: 3098771  
Conc: 2.39 ng/ml



#18 Endrin aldehyde

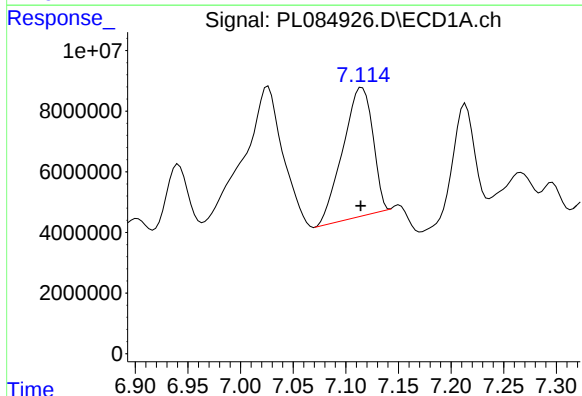
R.T.: 6.902 min  
Delta R.T.: 0.024 min  
Response: -3893469  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



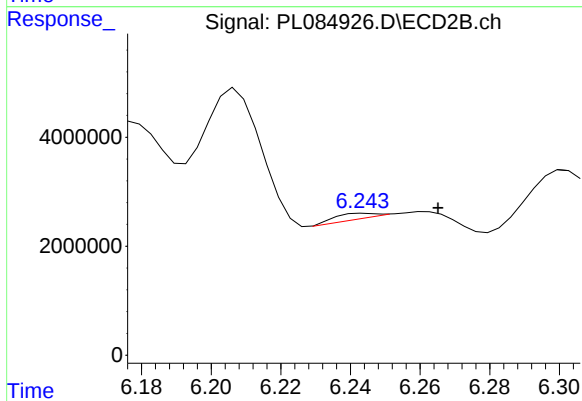
#18 Endrin aldehyde

R.T.: 6.055 min  
Delta R.T.: 0.015 min  
Response: 8486795  
Conc: 7.46 ng/ml



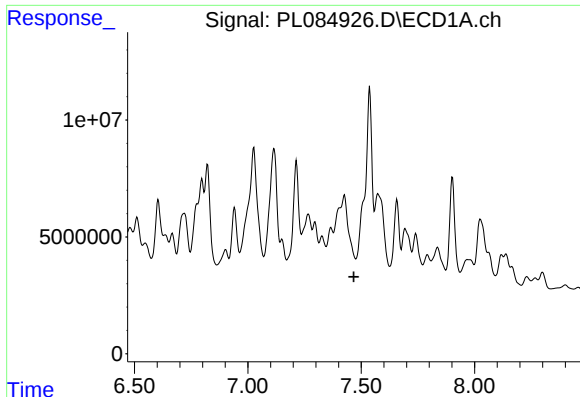
#19 Endosulfan Sulfate

R.T.: 7.115 min  
Delta R.T.: 0.001 min  
Response: 83924615  
Conc: 37.94 ng/ml



#19 Endosulfan Sulfate

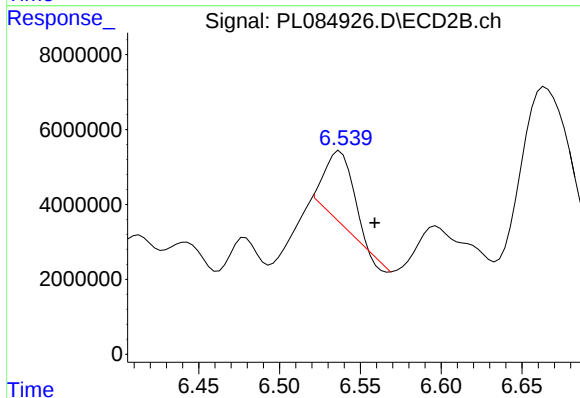
R.T.: 6.244 min  
Delta R.T.: -0.021 min  
Response: 778753  
Conc: 0.57 ng/ml



#20 Methoxychlor

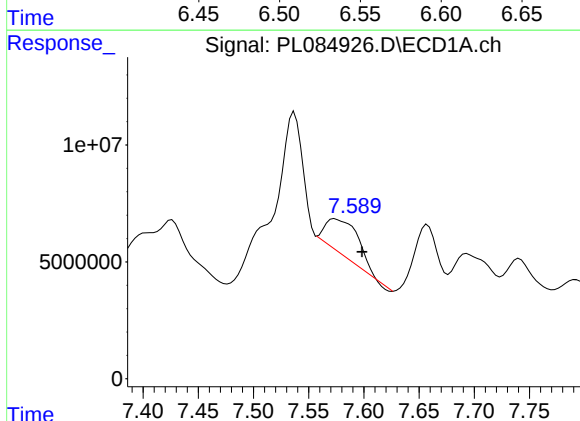
R.T.: 0.000 min  
Exp R.T.: 7.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



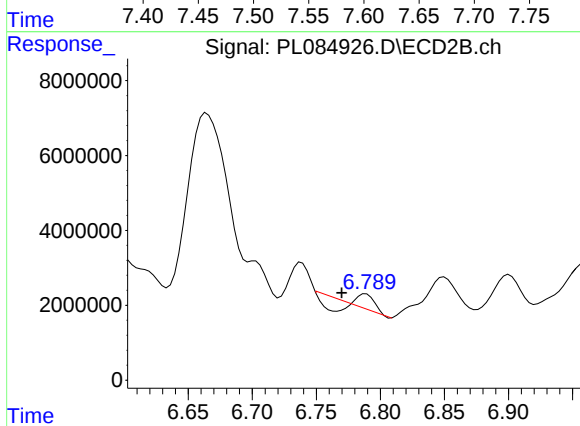
#20 Methoxychlor

R.T.: 6.537 min  
Delta R.T.: -0.021 min  
Response: 22581492  
Conc: 31.91 ng/ml



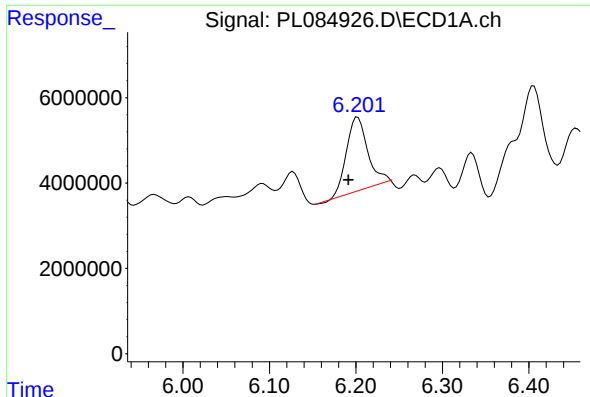
#21 Endrin ketone

R.T.: 7.574 min  
Delta R.T.: -0.025 min  
Response: 31499617  
Conc: 14.35 ng/ml



#21 Endrin ketone

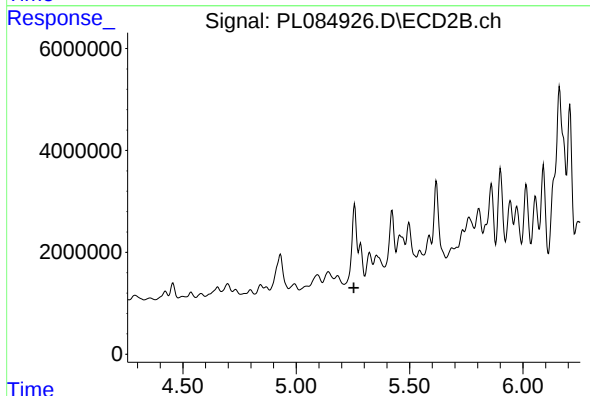
R.T.: 6.789 min  
Delta R.T.: 0.019 min  
Response: 1298253  
Conc: 0.80 ng/ml



#22 Toxaphene-1

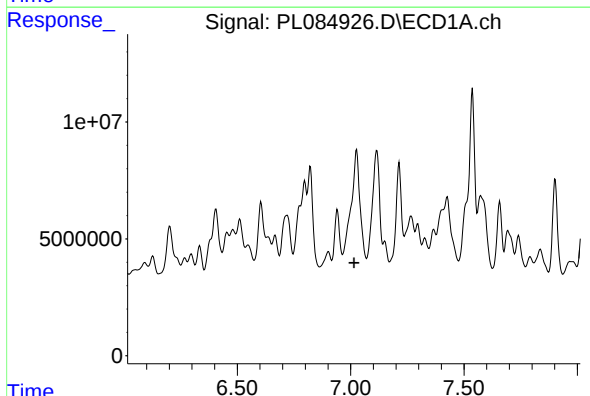
R.T.: 6.202 min  
Delta R.T.: 0.011 min  
Response: 29698148  
Conc: 1444.16 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



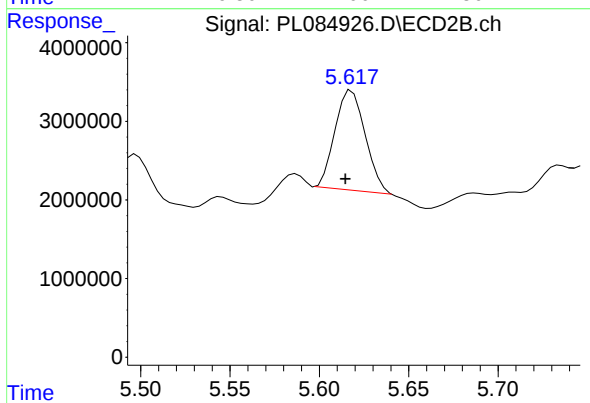
#22 Toxaphene-1

R.T.: 5.284 min  
Delta R.T.: 0.030 min  
Response: -240424  
Conc: N.D.



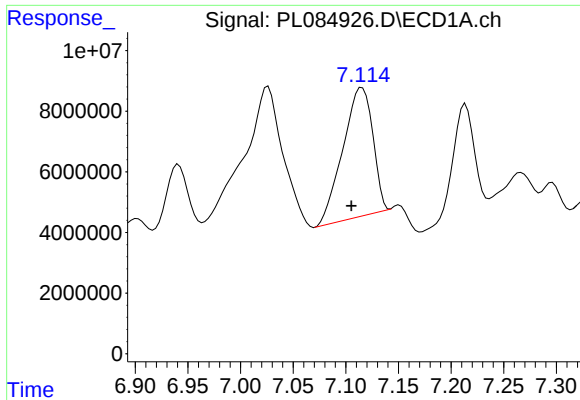
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 7.015 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

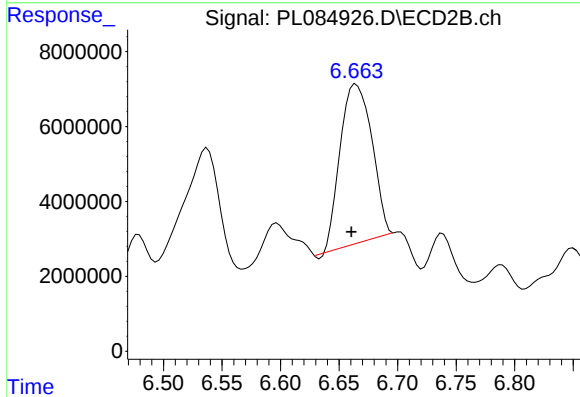
R.T.: 5.618 min  
Delta R.T.: 0.003 min  
Response: 14887421  
Conc: 1667.46 ng/ml



#24 Toxaphene-3

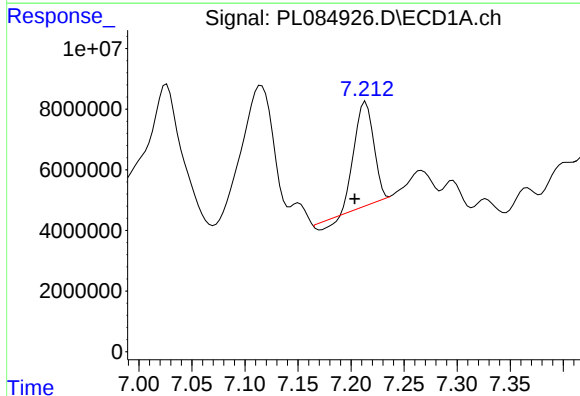
R.T.: 7.115 min  
Delta R.T.: 0.010 min  
Response: 83924615  
Conc: 1769.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



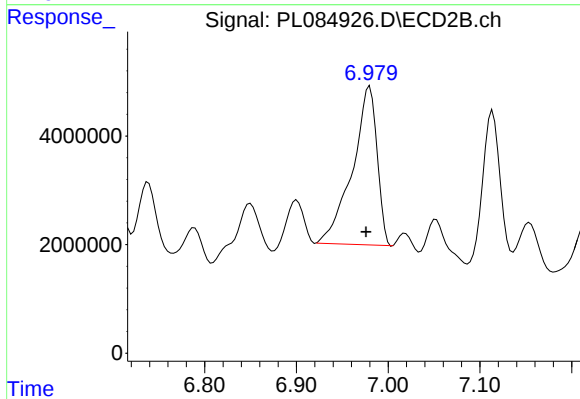
#24 Toxaphene-3

R.T.: 6.664 min  
Delta R.T.: 0.004 min  
Response: 80827108  
Conc: 1704.23 ng/ml



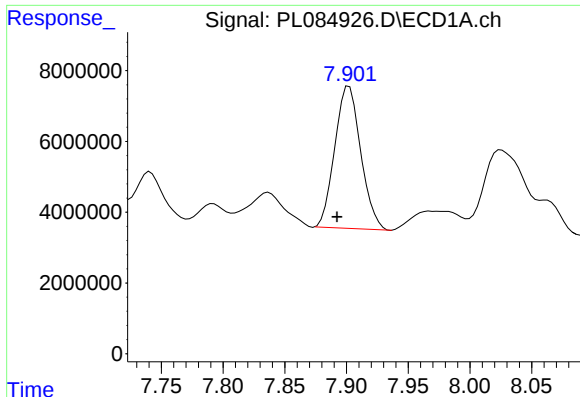
#25 Toxaphene-4

R.T.: 7.214 min  
Delta R.T.: 0.010 min  
Response: 41297364  
Conc: 1506.68 ng/ml



#25 Toxaphene-4

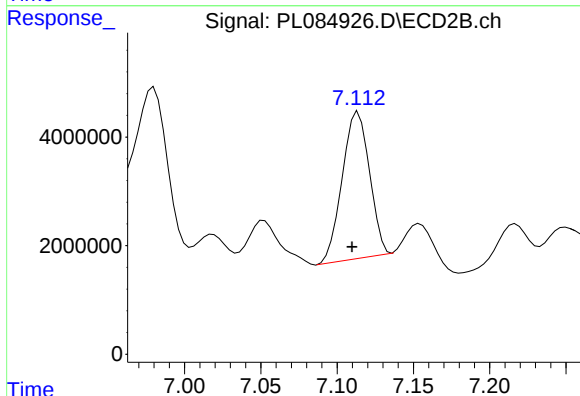
R.T.: 6.980 min  
Delta R.T.: 0.004 min  
Response: 54623350  
Conc: 1719.17 ng/ml



#26 Toxaphene-5

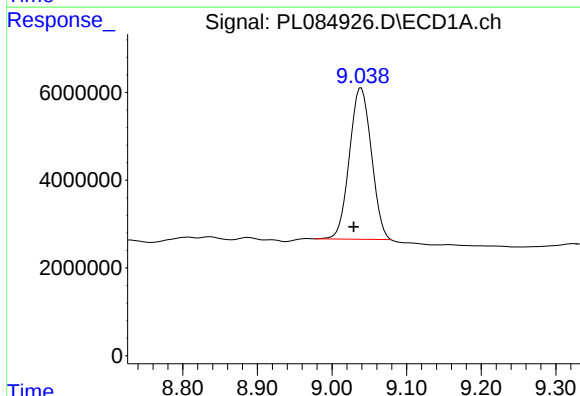
R.T.: 7.902 min  
Delta R.T.: 0.010 min  
Response: 58825056  
Conc: 1789.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



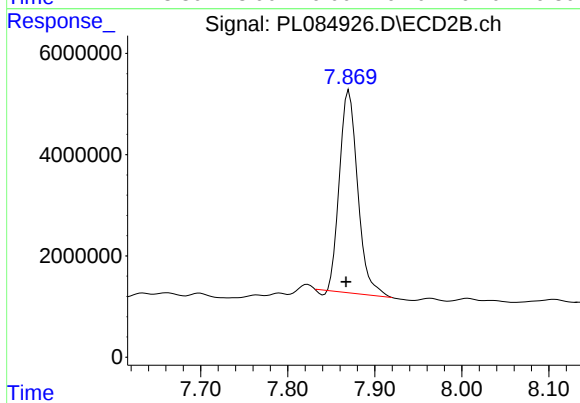
#26 Toxaphene-5

R.T.: 7.114 min  
Delta R.T.: 0.004 min  
Response: 33489465  
Conc: 1757.69 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.039 min  
Delta R.T.: 0.010 min  
Response: 70480969  
Conc: 41.13 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.871 min  
Delta R.T.: 0.003 min  
Response: 57891649  
Conc: 42.74 ng/ml