

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053019\  
 Data File : PL049098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 May 2019 15:32  
 Operator : SM\AJ  
 Sample : K3085-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TANK-3

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 05:05:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 2019  
 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... | 3.328  | 3.937  | 194.7E6   | 49133763 | 17.667  | 17.007    |
| 28)                         | SA Decachlor... | 7.993  | 8.974  | 152.9E6   | 42181532 | 12.025  | 12.630    |
| Target Compounds            |                 |        |        |           |          |         |           |
| 2)                          | A alpha-BHC     | 3.739  | 4.312  | 12957971  | 29356099 | 0.719   | 7.324 #   |
| 3)                          | MA gamma-BHC... | 4.036  | 4.590f | 328.6E6   | 34250540 | 19.391  | 9.149 #   |
| 4)                          | MA Heptachlor   | 4.302  | 5.106  | 93887111  | 23540057 | 5.302   | 5.858     |
| 5)                          | MB Aldrin       | 4.546  | 5.429f | 54987463  | 119.4E6  | 3.220   | 32.447 #  |
| 6)                          | B beta-BHC      | 4.271  | 4.797  | 57757348  | 10973977 | 8.312   | 6.371     |
| 7)                          | B delta-BHC     | 4.467  | 4.988  | -12028936 | 32494731 | N.D.    | 10.594    |
| 8)                          | B Heptachlor... | 4.978  | 5.801  | 61281373  | 81191584 | 4.132   | 24.839 #  |
| 9)                          | A Endosulfan I  | 5.348f | 0.000  | 798.4E6   | 0        | 54.558  | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.272  | 6.094  | 513.1E6   | 88831240 | 32.844  | 25.606    |
| 12)                         | B 4,4'-DDE      | 5.445  | 6.273  | 35826872  | 5073129  | 2.290   | 1.545 #   |
| 13)                         | MA Dieldrin     | 5.555  | 6.409  | -1547532  | 34812485 | N.D.    | 10.380    |
| 14)                         | MA Endrin       | 5.826f | 6.641  | 124.4E6   | 23451678 | 8.628   | 7.859     |
| 15)                         | B Endosulfa...  | 6.074  | 6.836  | 204.7E6   | 209.8E6  | 15.502  | 69.176 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.750  | 0         | 50597617 | N.D.    | 19.236 #  |
| 17)                         | MA 4,4'-DDT     | 6.172  | 7.039  | 232.3E6   | 8430987  | 18.870  | 3.007 #   |
| 18)                         | B Endrin al...  | 6.250  | 6.955  | 192.3E6   | 17209036 | 17.567  | 6.672 #   |
| 20)                         | A Methoxychlor  | 6.736  | 0.000  | 518.4E6   | 0        | 80.834  | N.D. #    |
| 21)                         | B Endrin ke...  | 6.973f | 0.000  | 159.9E6   | 0        | 11.677  | N.D. #    |
| 22)                         | Mirex           | 7.121  | 8.101  | 28856460  | 51178468 | 2.739   | 19.703 #  |
| 24)                         | Chlordane-2     | 4.643  | 0.000  | 35858951  | 0        | 62.040  | N.D. #    |
| 26)                         | Chlordane-4     | 5.272  | 6.094  | 513.1E6   | 88831240 | 312.646 | 156.767 # |
| 27)                         | Chlordane-5     | 6.074  | 0.000  | 204.7E6   | 0        | 393.115 | N.D. #    |
| -----                       |                 |        |        |           |          |         |           |

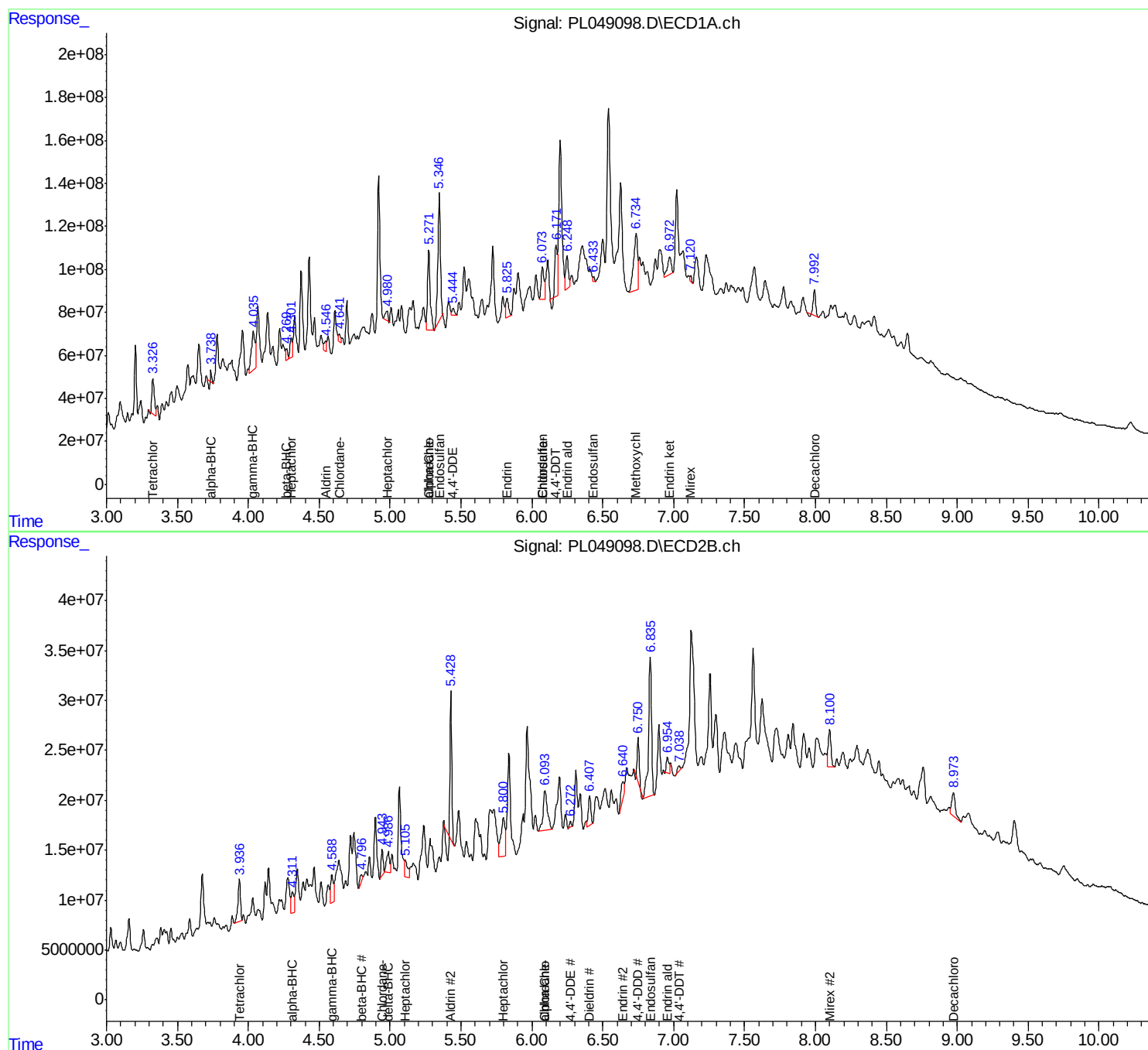
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

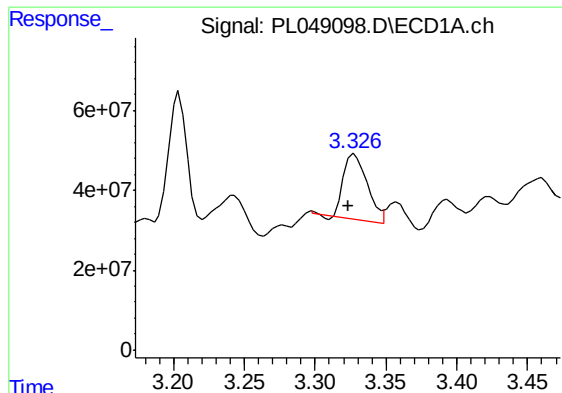
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053019\  
Data File : PL049098.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 May 2019 15:32  
Operator : SM\AJ  
Sample : K3085-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 05:05:17 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 2019  
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

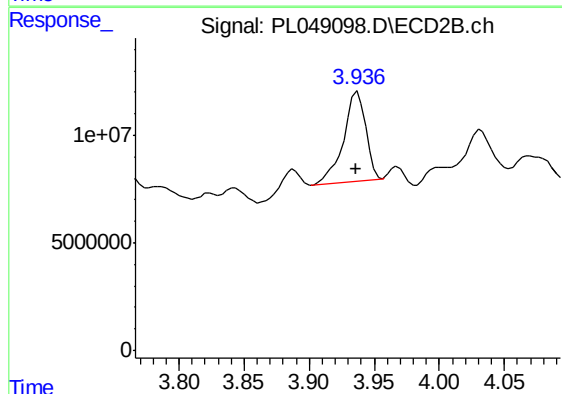




#1 Tetrachloro-m-xylene

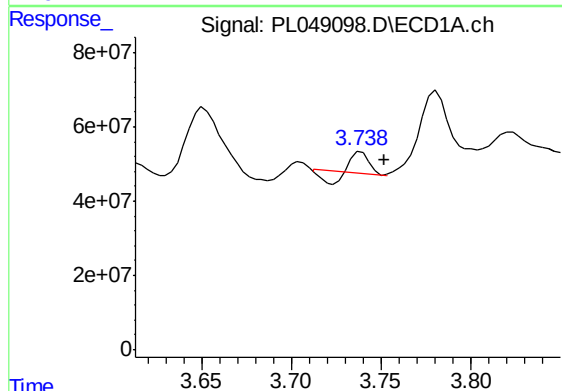
R.T.: 3.328 min  
Delta R.T.: 0.004 min  
Response: 194664878  
Conc: 17.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



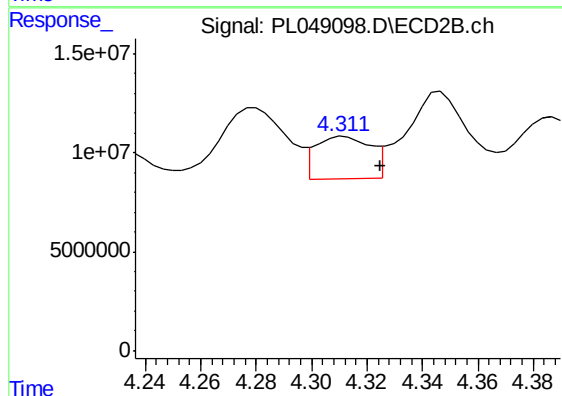
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 49133763  
Conc: 17.01 ng/ml



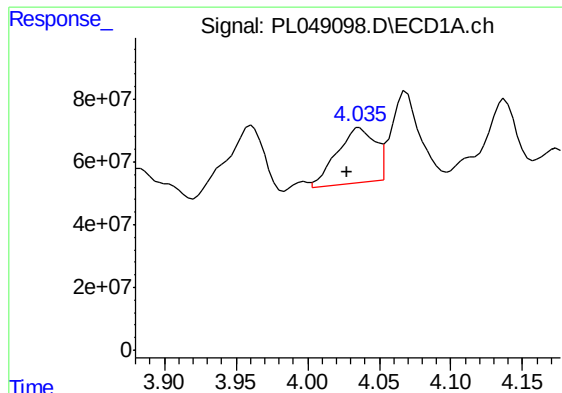
#2 alpha-BHC

R.T.: 3.739 min  
Delta R.T.: -0.013 min  
Response: 12957971  
Conc: 0.72 ng/ml



#2 alpha-BHC

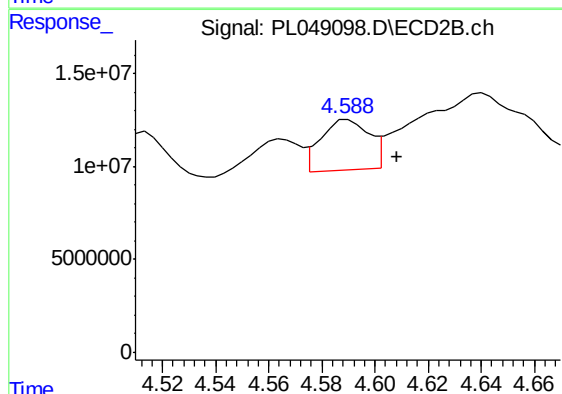
R.T.: 4.312 min  
Delta R.T.: -0.013 min  
Response: 29356099  
Conc: 7.32 ng/ml



#3 gamma-BHC (Lindane)

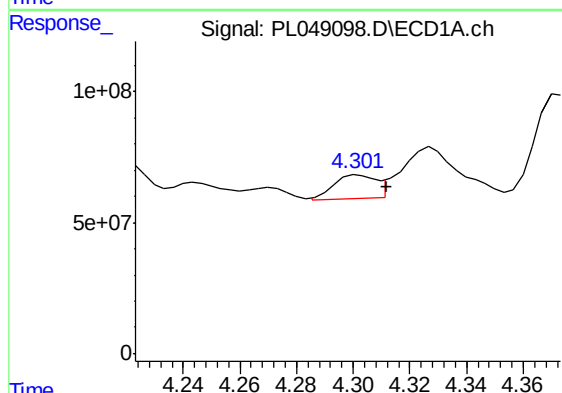
R.T.: 4.036 min  
Delta R.T.: 0.009 min  
Response: 328645765  
Conc: 19.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



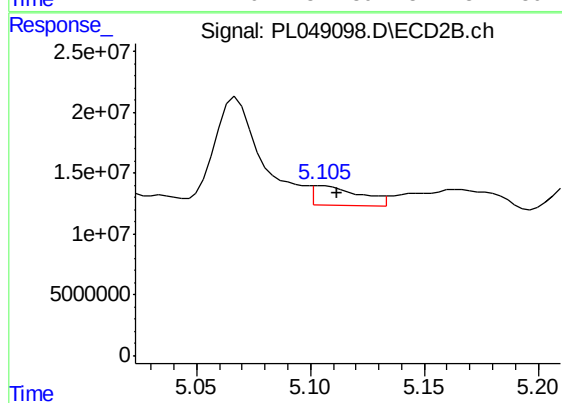
#3 gamma-BHC (Lindane)

R.T.: 4.590 min  
Delta R.T.: -0.018 min  
Response: 34250540  
Conc: 9.15 ng/ml



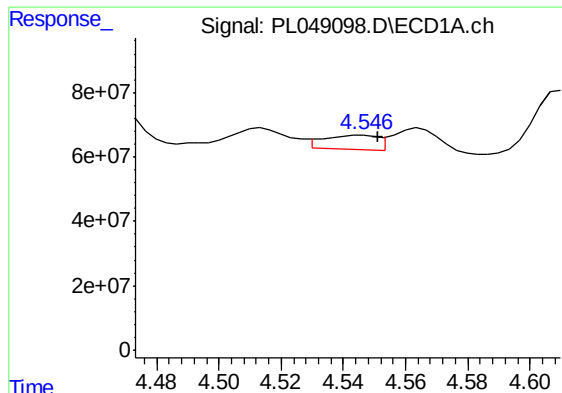
#4 Heptachlor

R.T.: 4.302 min  
Delta R.T.: -0.010 min  
Response: 93887111  
Conc: 5.30 ng/ml



#4 Heptachlor

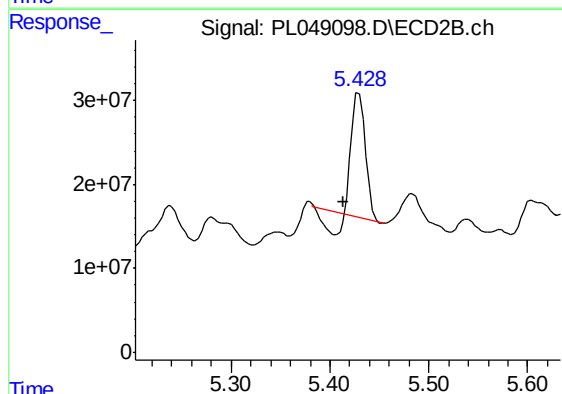
R.T.: 5.106 min  
Delta R.T.: -0.005 min  
Response: 23540057  
Conc: 5.86 ng/ml



#5 Aldrin

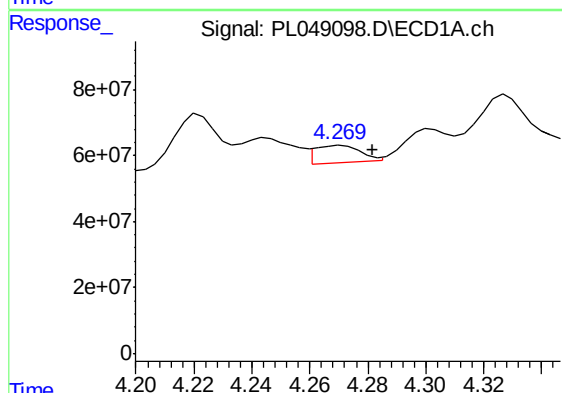
R.T.: 4.546 min  
Delta R.T.: -0.005 min  
Response: 54987463  
Conc: 3.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



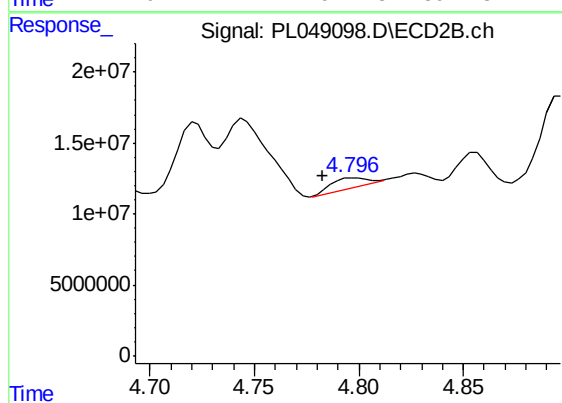
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.015 min  
Response: 119380243  
Conc: 32.45 ng/ml



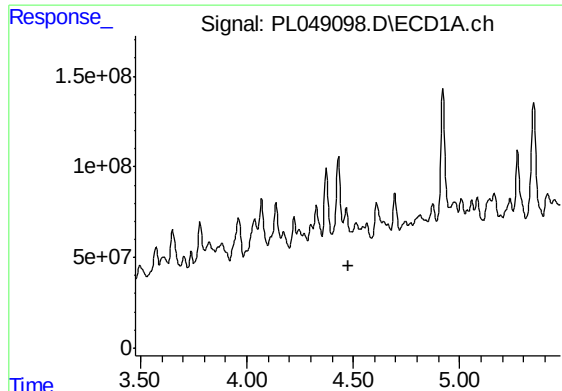
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.011 min  
Response: 57757348  
Conc: 8.31 ng/ml



#6 beta-BHC

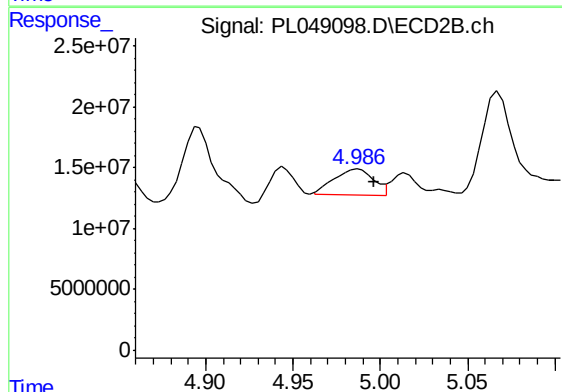
R.T.: 4.797 min  
Delta R.T.: 0.015 min  
Response: 10973977  
Conc: 6.37 ng/ml



#7 delta-BHC

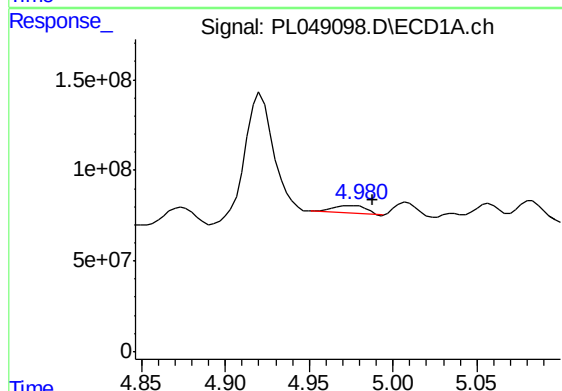
R.T.: 4.467 min  
Delta R.T.: -0.008 min  
Response: -12028936  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



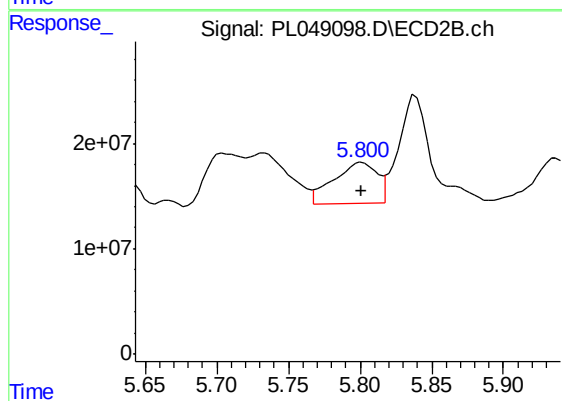
#7 delta-BHC

R.T.: 4.988 min  
Delta R.T.: -0.009 min  
Response: 32494731  
Conc: 10.59 ng/ml



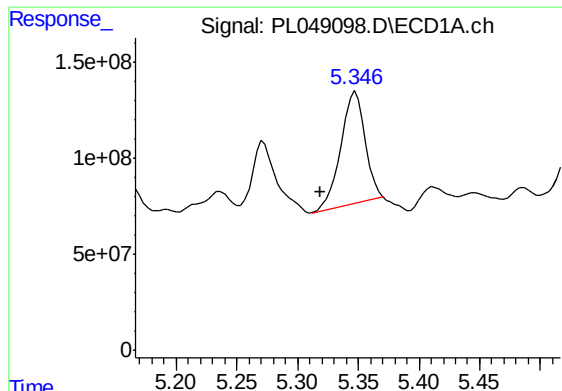
#8 Heptachlor epoxide

R.T.: 4.978 min  
Delta R.T.: -0.010 min  
Response: 61281373  
Conc: 4.13 ng/ml



#8 Heptachlor epoxide

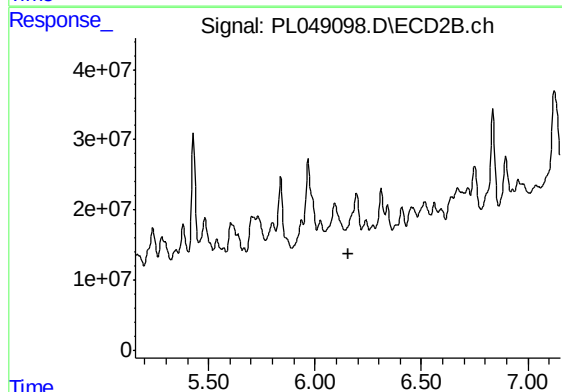
R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 81191584  
Conc: 24.84 ng/ml



#9 Endosulfan I

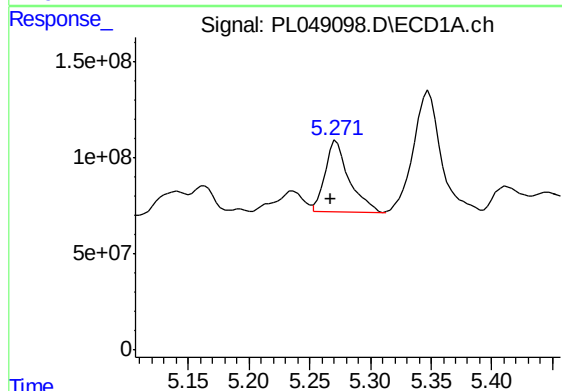
R.T.: 5.348 min  
Delta R.T.: 0.029 min  
Response: 798425781  
Conc: 54.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



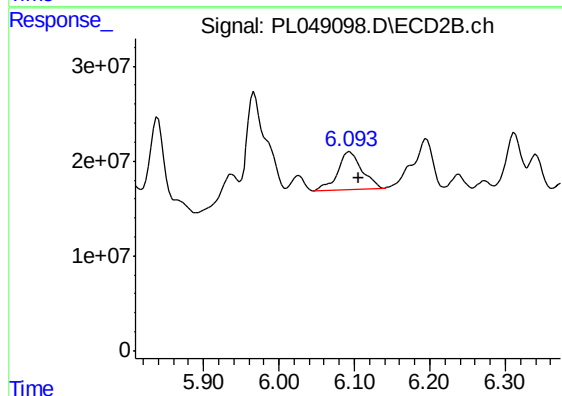
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.156 min  
Response: 0  
Conc: N.D.



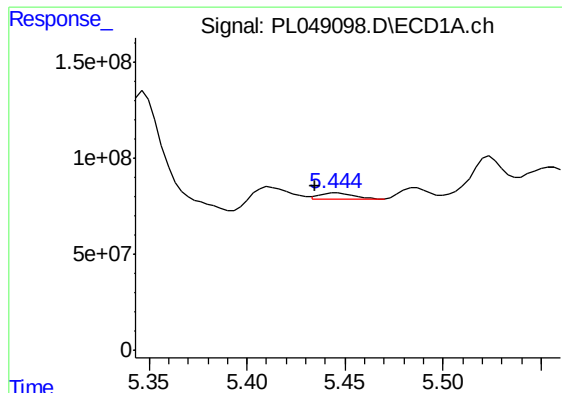
#11 alpha-Chlordane

R.T.: 5.272 min  
Delta R.T.: 0.005 min  
Response: 513091008  
Conc: 32.84 ng/ml



#11 alpha-Chlordane

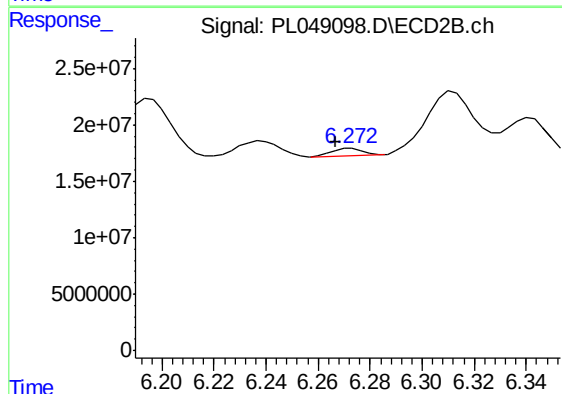
R.T.: 6.094 min  
Delta R.T.: -0.013 min  
Response: 88831240  
Conc: 25.61 ng/ml



#12 4,4'-DDE

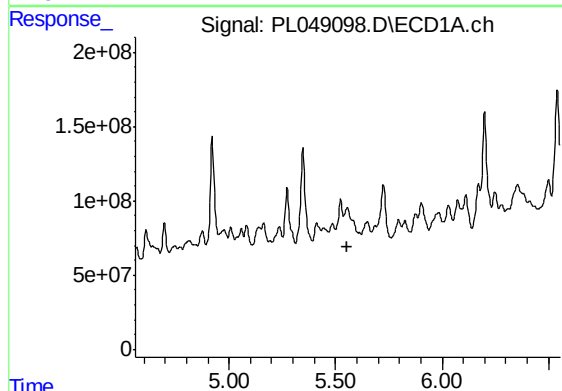
R.T.: 5.445 min  
Delta R.T.: 0.011 min  
Response: 35826872  
Conc: 2.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



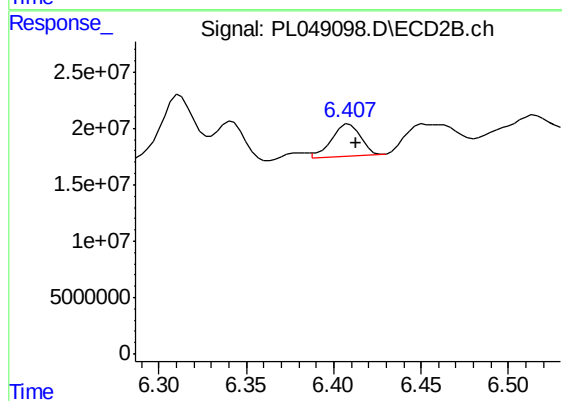
#12 4,4'-DDE

R.T.: 6.273 min  
Delta R.T.: 0.006 min  
Response: 5073129  
Conc: 1.55 ng/ml



#13 Dieldrin

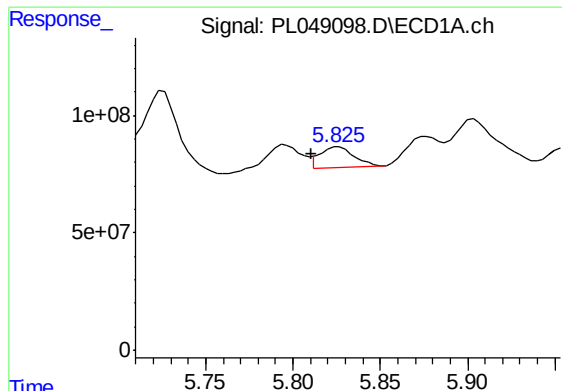
R.T.: 5.555 min  
Delta R.T.: -0.003 min  
Response: -1547532  
Conc: N.D.



#13 Dieldrin

R.T.: 6.409 min  
Delta R.T.: -0.004 min  
Response: 34812485  
Conc: 10.38 ng/ml

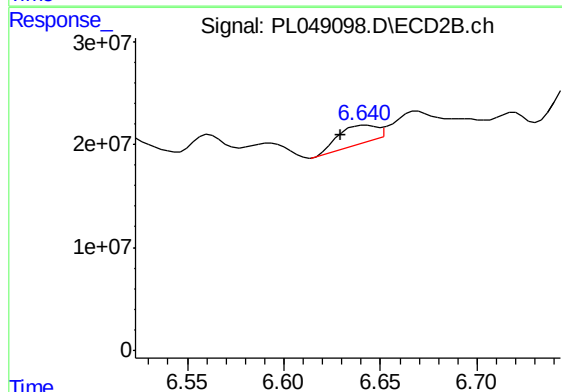




#14 Endrin

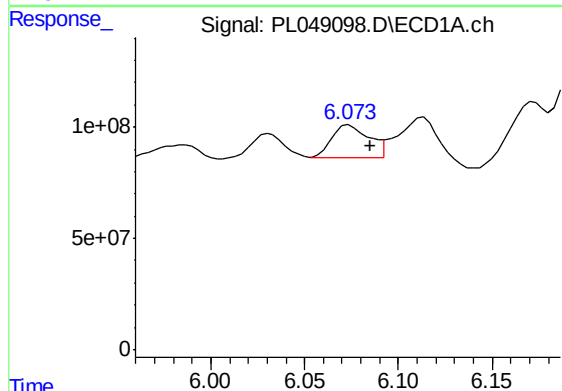
R.T.: 5.826 min  
Delta R.T.: 0.015 min  
Response: 124437283  
Conc: 8.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



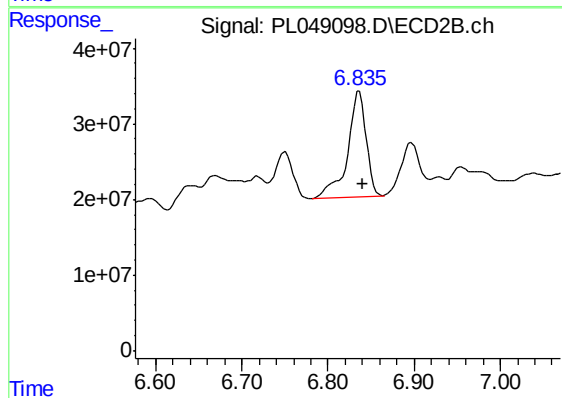
#14 Endrin

R.T.: 6.641 min  
Delta R.T.: 0.012 min  
Response: 23451678  
Conc: 7.86 ng/ml



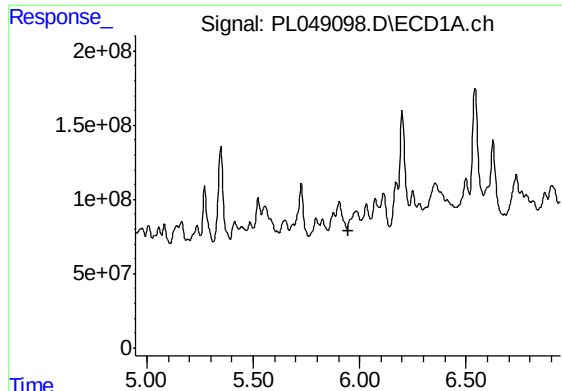
#15 Endosulfan II

R.T.: 6.074 min  
Delta R.T.: -0.011 min  
Response: 204711983  
Conc: 15.50 ng/ml



#15 Endosulfan II

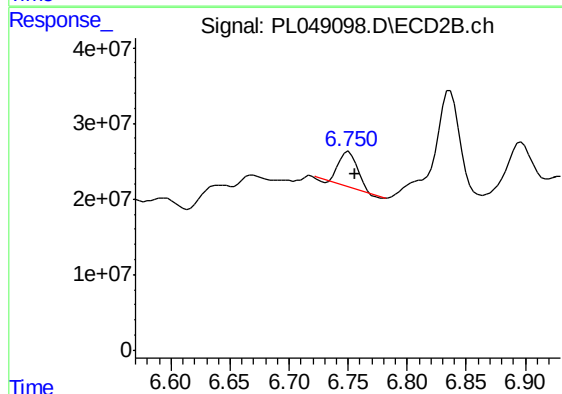
R.T.: 6.836 min  
Delta R.T.: -0.004 min  
Response: 209819190  
Conc: 69.18 ng/ml



#16 4,4'-DDD

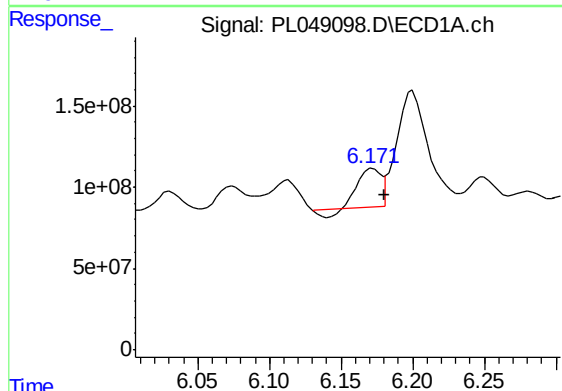
R.T.: 0.000 min  
Exp R.T.: 5.945 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



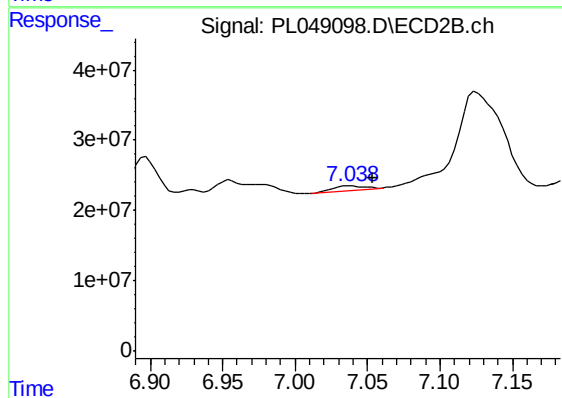
#16 4,4'-DDD

R.T.: 6.750 min  
Delta R.T.: -0.006 min  
Response: 50597617  
Conc: 19.24 ng/ml



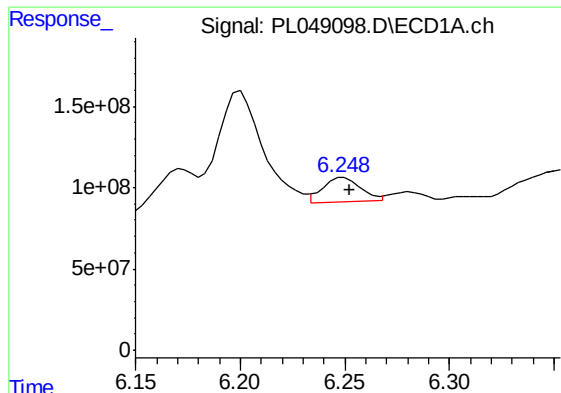
#17 4,4'-DDT

R.T.: 6.172 min  
Delta R.T.: -0.008 min  
Response: 232341432  
Conc: 18.87 ng/ml



#17 4,4'-DDT

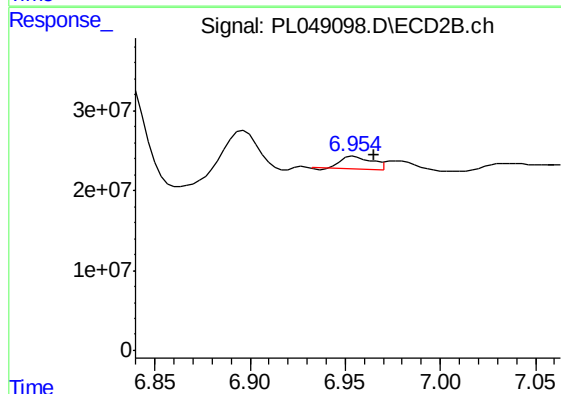
R.T.: 7.039 min  
Delta R.T.: -0.015 min  
Response: 8430987  
Conc: 3.01 ng/ml



#18 Endrin aldehyde

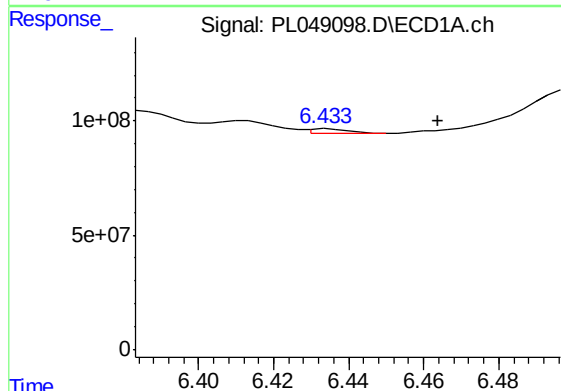
R.T.: 6.250 min  
Delta R.T.: -0.003 min  
Response: 192255432  
Conc: 17.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



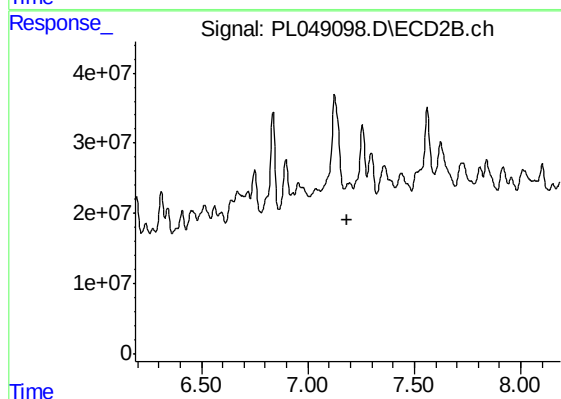
#18 Endrin aldehyde

R.T.: 6.955 min  
Delta R.T.: -0.010 min  
Response: 17209036  
Conc: 6.67 ng/ml



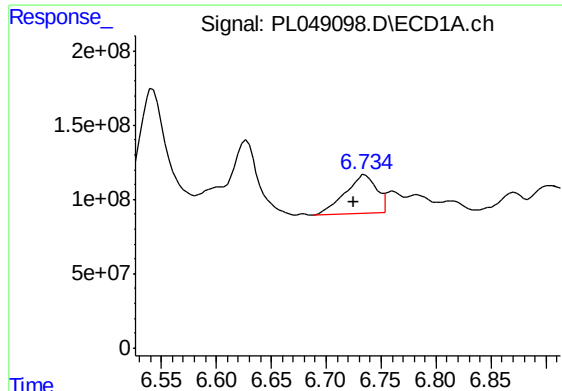
#19 Endosulfan Sulfate

R.T.: 6.435 min  
Delta R.T.: -0.029 min  
Response: 16091212  
Conc: 1.24 ng/ml



#19 Endosulfan Sulfate

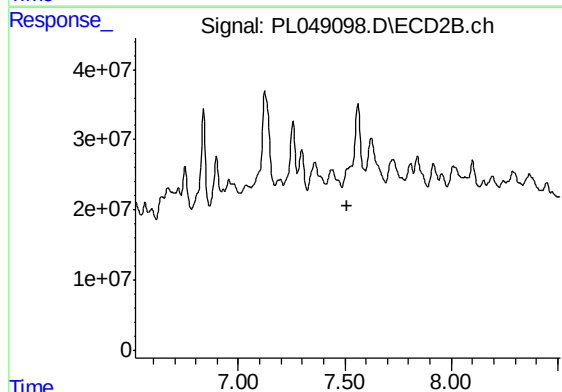
R.T.: 7.198 min  
Delta R.T.: 0.010 min  
Response: -42636279  
Conc: N.D.



#20 Methoxychlor

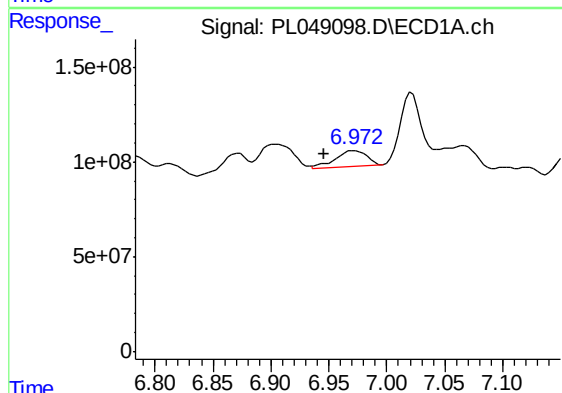
R.T.: 6.736 min  
Delta R.T.: 0.011 min  
Response: 518443855  
Conc: 80.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



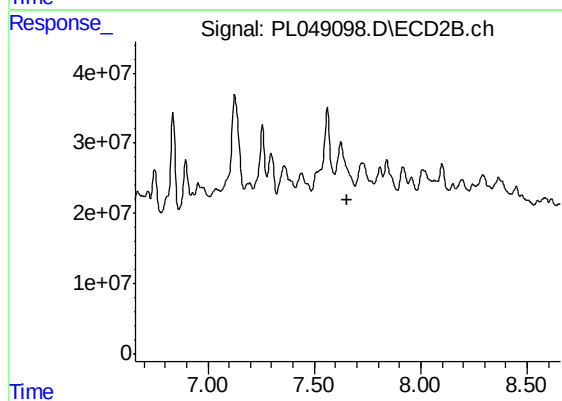
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.514 min  
Response: 0  
Conc: N.D.



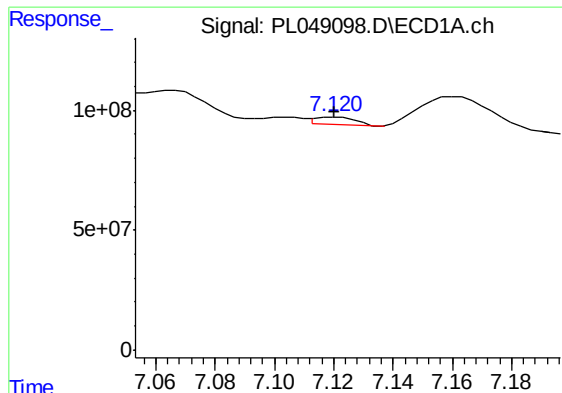
#21 Endrin ketone

R.T.: 6.973 min  
Delta R.T.: 0.027 min  
Response: 159903230  
Conc: 11.68 ng/ml



#21 Endrin ketone

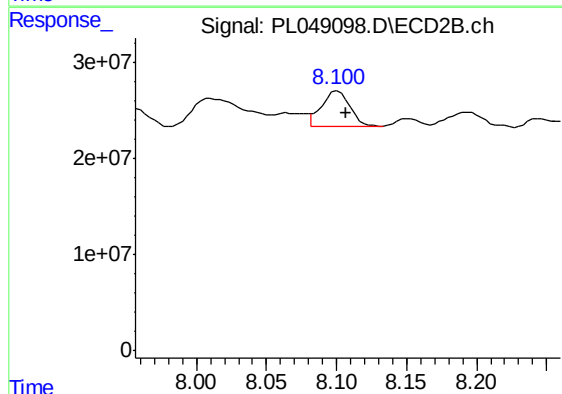
R.T.: 0.000 min  
Exp R.T. : 7.657 min  
Response: 0  
Conc: N.D.



#22 Mirex

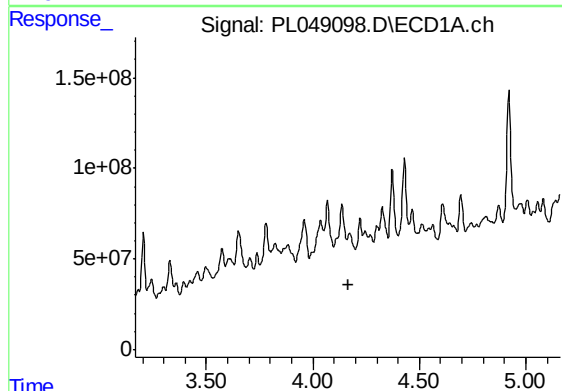
R.T.: 7.121 min  
Delta R.T.: 0.001 min  
Response: 28856460  
Conc: 2.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



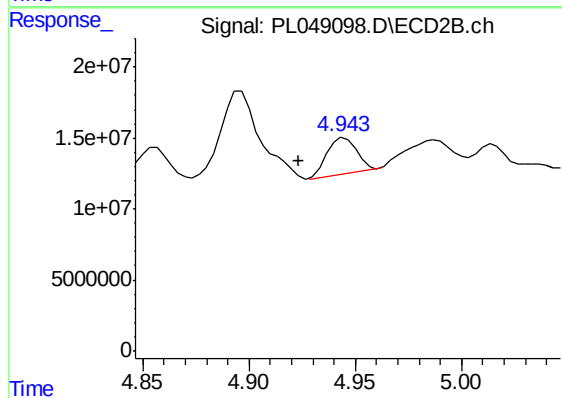
#22 Mirex

R.T.: 8.101 min  
Delta R.T.: -0.005 min  
Response: 51178468  
Conc: 19.70 ng/ml



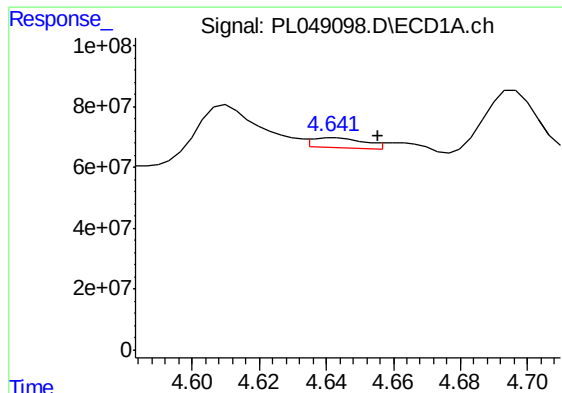
#23 Chlordane-1

R.T.: 4.174 min  
Delta R.T.: 0.009 min  
Response: -149301710  
Conc: N.D.



#23 Chlordane-1

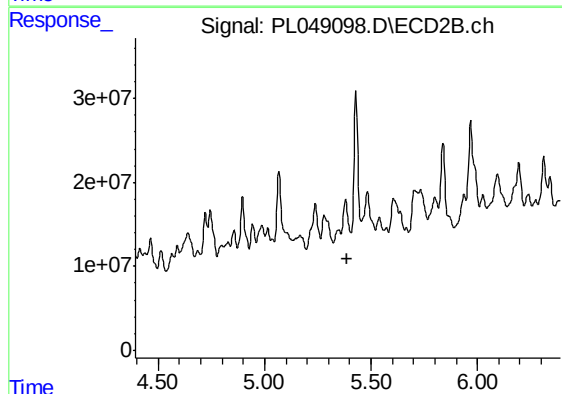
R.T.: 4.945 min  
Delta R.T.: 0.022 min  
Response: 24529678  
Conc: 185.34 ng/ml



#24 Chlordane-2

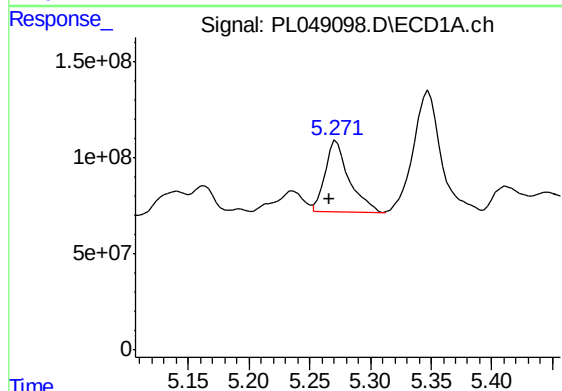
R.T.: 4.643 min  
Delta R.T.: -0.013 min  
Response: 35858951  
Conc: 62.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



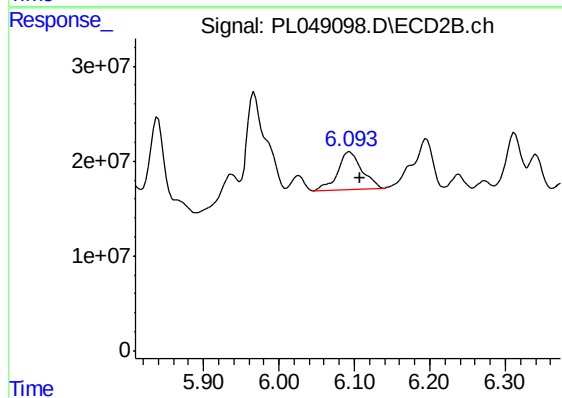
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.391 min  
Response: 0  
Conc: N.D.



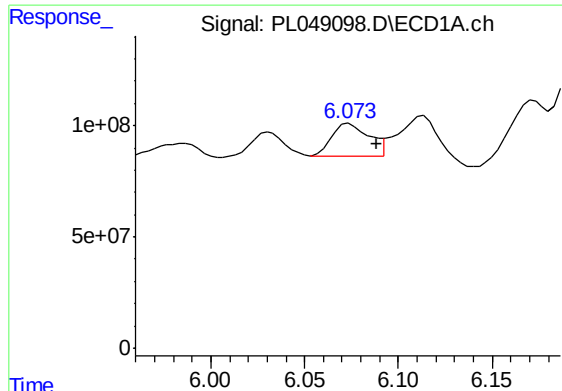
#26 Chlordane-4

R.T.: 5.272 min  
Delta R.T.: 0.006 min  
Response: 513091008  
Conc: 312.65 ng/ml



#26 Chlordane-4

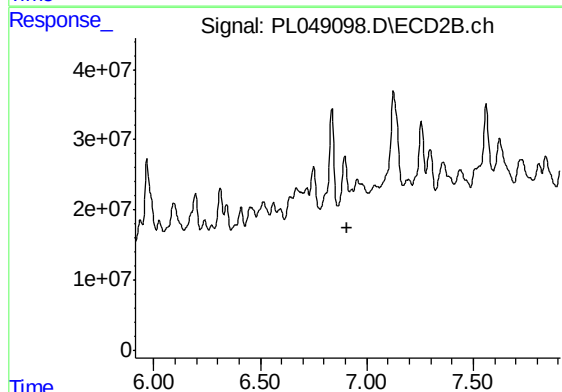
R.T.: 6.094 min  
Delta R.T.: -0.014 min  
Response: 88831240  
Conc: 156.77 ng/ml



#27 Chlordane-5

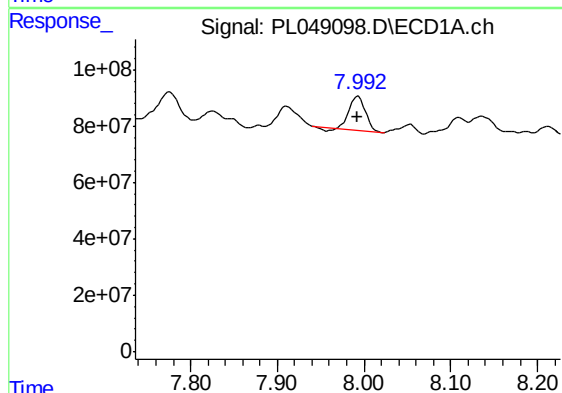
R.T.: 6.074 min  
Delta R.T.: -0.015 min  
Response: 204711983  
Conc: 393.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TANK-3



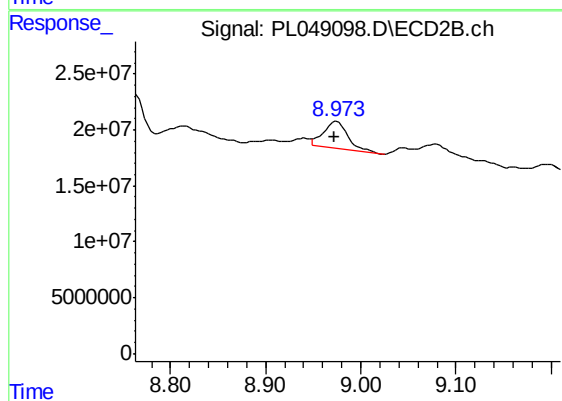
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.911 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: 0.001 min  
Response: 152899866  
Conc: 12.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: 0.002 min  
Response: 42181532  
Conc: 12.63 ng/ml