

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060924\  
 Data File : PL090053.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jun 2024 16:23  
 Operator : AR\AJ  
 Sample : P2589-19DL 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 21:35:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060424CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 04 15:06:25 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 x 0.50µm

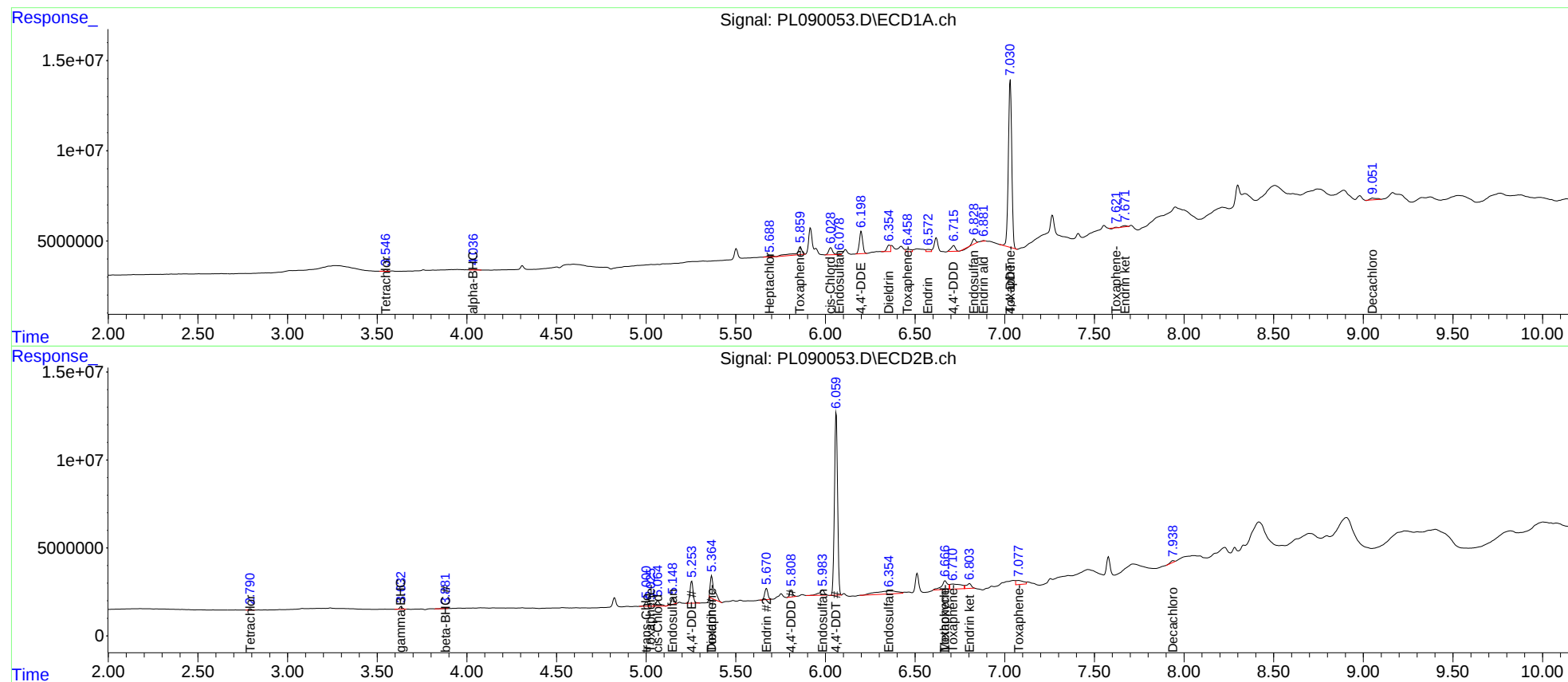
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.548  | 2.791  | 1109587  | 844687   | 0.575    | 0.622      |
| 27)                         | SA Decachlor... | 9.052  | 7.940  | 2428039  | 1420115  | 1.840    | 1.024 #    |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.037f | 0.000  | 649779   | 0        | 0.232    | N.D. #     |
| 3)                          | MA gamma-BHC... | 0.000  | 3.633  | 0        | 1617038  | N.D.     | 0.898      |
| 4)                          | MA Heptachlor   | 4.884f | 0.000  | 194975   | 0        | <MDL     | N.D. #     |
| 5)                          | MB Aldrin       | 5.272  | 0.000  | 142346   | 0        | <MDL     | N.D. #     |
| 6)                          | B beta-BHC      | 4.568f | 3.882f | 11466    | 178748   | <MDL     | 0.196 #    |
| 8)                          | B Heptachlo...  | 5.690  | 0.000  | 1289518  | 0        | 0.549    | N.D. #     |
| 9)                          | A Endosulfan I  | 6.080  | 5.150  | 621341   | 4667800  | 0.304    | 3.108 #    |
| 11)                         | B cis-Chlor...  | 6.030  | 5.065  | 5920510  | 5404075  | 2.648    | 3.142      |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.254  | 15939647 | 15036975 | 8.448    | 9.819      |
| 13)                         | MA Dieldrin     | 6.355  | 5.366  | 4541635  | 18998616 | 2.158    | 11.467 #   |
| 14)                         | MA Endrin       | 6.574  | 5.671  | 2094466  | 7690018  | 1.187    | 5.176 #    |
| 15)                         | B Endosulfa...  | 6.830  | 5.984  | 2630104  | 5729532  | 1.456    | 3.917 #    |
| 16)                         | A 4,4'-DDD      | 6.716  | 5.809  | 5352833  | 4686410  | 3.516    | 3.716      |
| 17)                         | MA 4,4'-DDT     | 7.031  | 6.060  | 122.6E6  | 126.0E6  | 79.158   | 93.383     |
| 18)                         | B Endrin al...  | 6.883f | 0.000  | 359673   | 0        | 0.285    | N.D. #     |
| 19)                         | B Endosulfa...  | 0.000  | 6.356  | 0        | 14331312 | N.D.     | 9.950      |
| 20)                         | A Methoxychlor  | 0.000  | 6.667  | 0        | 11741812 | N.D.     | 15.437     |
| 21)                         | B Endrin ke...  | 7.672  | 6.804f | 1246240  | 5695535  | 0.690    | 3.549 #    |
| 22)                         | Toxaphene-1     | 5.860  | 5.027  | 9928446  | 2099621  | 1299.639 | 232.119 #  |
| 23)                         | Toxaphene-2     | 6.459  | 5.366  | 2653319  | 18998616 | 129.782  | 2175.876 # |
| 24)                         | Toxaphene-3     | 7.031  | 6.667f | 122.6E6  | 11741812 | 2499.690 | 355.567 #  |
| 25)                         | Toxaphene-4     | 0.000  | 6.711f | 0        | 12613959 | N.D.     | 279.090    |
| 26)                         | Toxaphene-5     | 7.623f | 7.078  | 44550    | 6682805  | 1.686    | 222.410 #  |
| -----                       |                 |        |        |          |          |          |            |

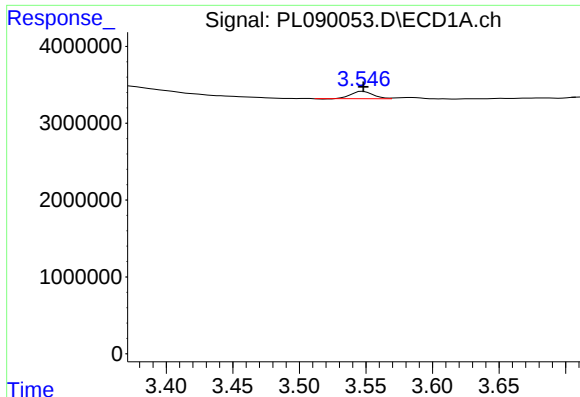
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060924\  
Data File : PL090053.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jun 2024 16:23  
Operator : AR\AJ  
Sample : P2589-19DL 10X  
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ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
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Quant Time: Jun 07 21:35:47 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060424CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 04 15:06:25 2024  
Response via : Initial Calibration  
Integrator: ChemStation

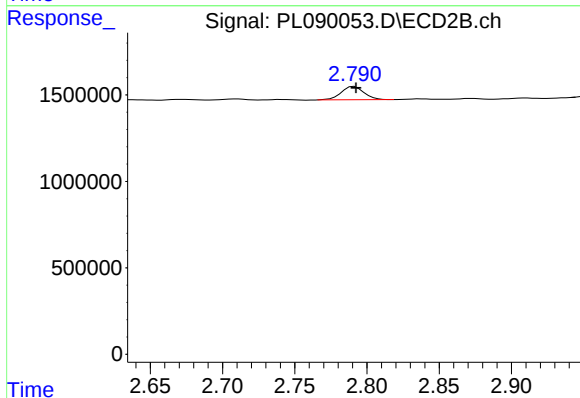
Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





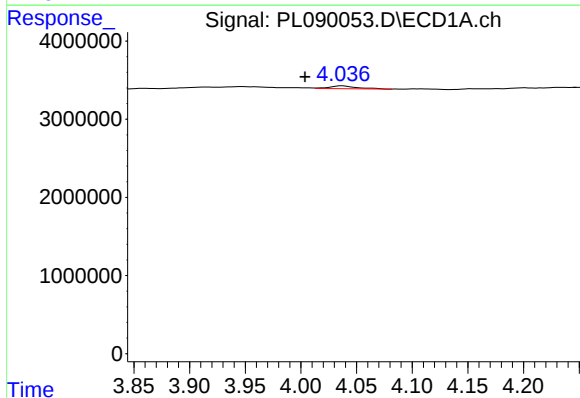
#1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 1109587  
Conc: 0.58 ng/ml



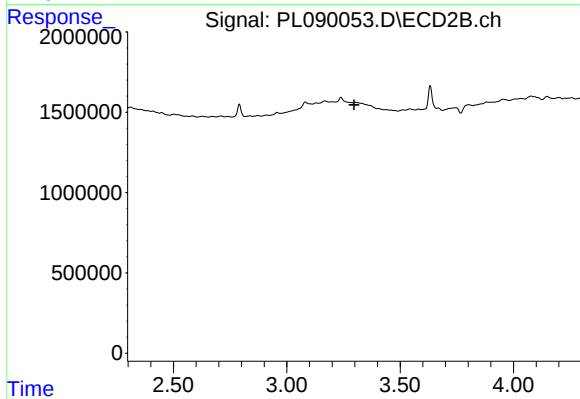
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: -0.001 min  
Response: 844687  
Conc: 0.62 ng/ml



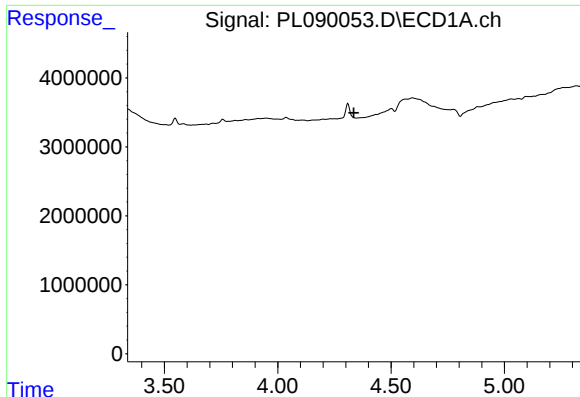
#2 alpha-BHC

R.T.: 4.037 min  
Delta R.T.: 0.033 min  
Response: 649779  
Conc: 0.23 ng/ml



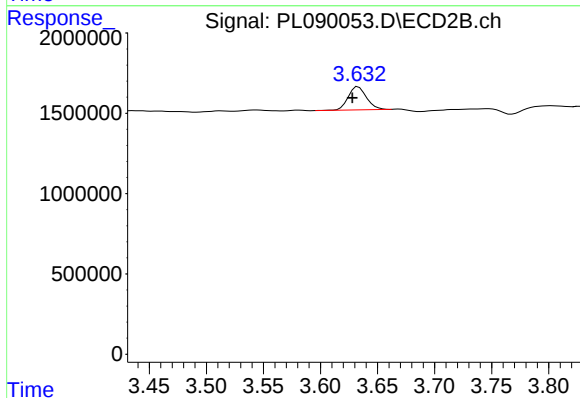
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.297 min  
Response: 0  
Conc: N.D.



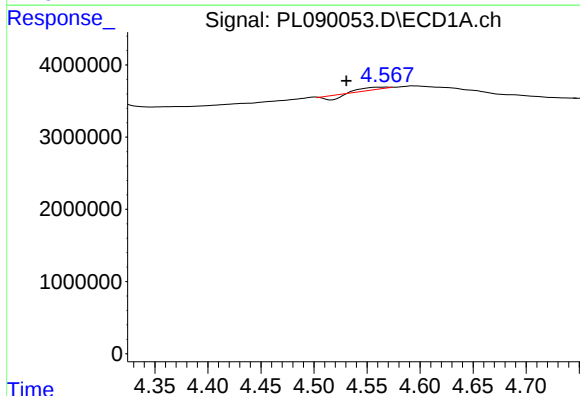
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T.: 4.336 min  
Response: 0  
Conc: N.D.



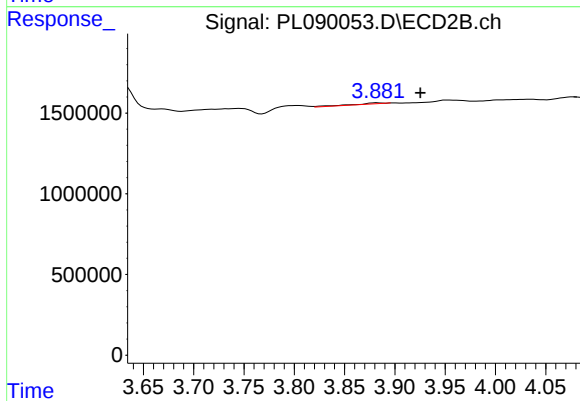
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.005 min  
Response: 1617038  
Conc: 0.90 ng/ml



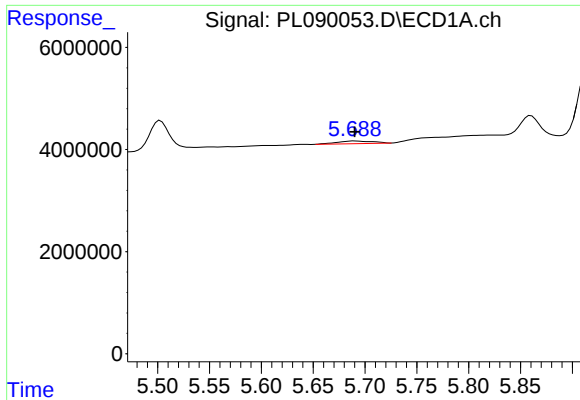
#6 beta-BHC

R.T.: 4.568 min  
Delta R.T.: 0.037 min  
Response: 11466  
Conc: N.D.



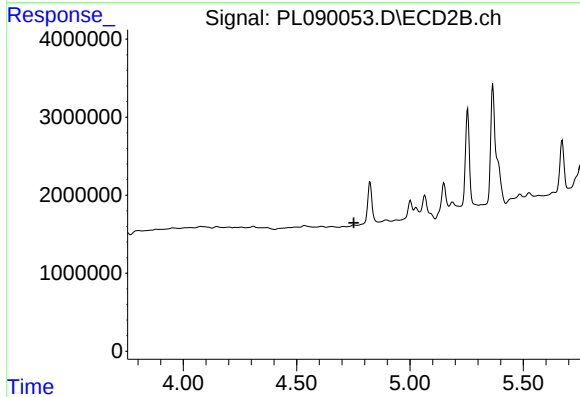
#6 beta-BHC

R.T.: 3.882 min  
Delta R.T.: -0.044 min  
Response: 178748  
Conc: 0.20 ng/ml



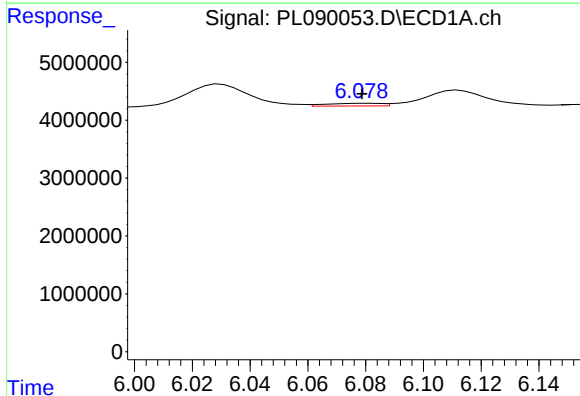
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 1289518  
Conc: 0.55 ng/ml



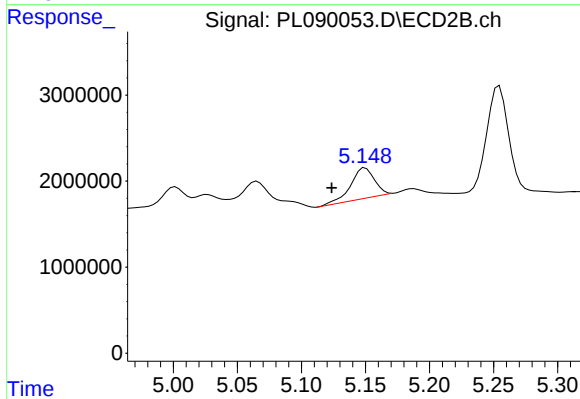
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.752 min  
Response: 0  
Conc: N.D.



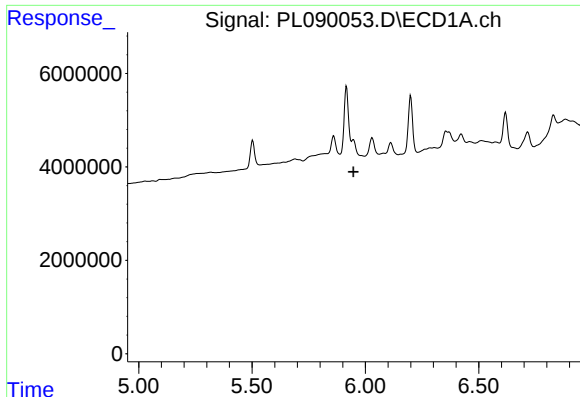
#9 Endosulfan I

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 621341  
Conc: 0.30 ng/ml



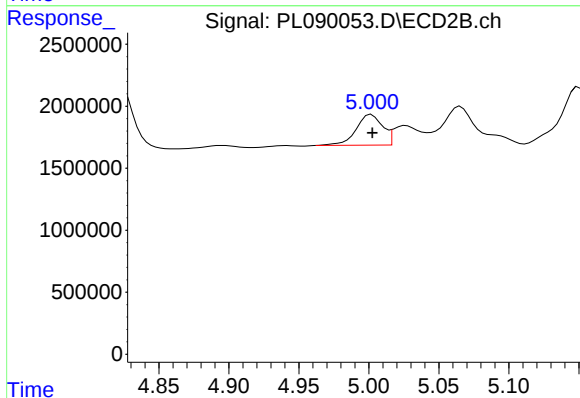
#9 Endosulfan I

R.T.: 5.150 min  
Delta R.T.: 0.026 min  
Response: 4667800  
Conc: 3.11 ng/ml



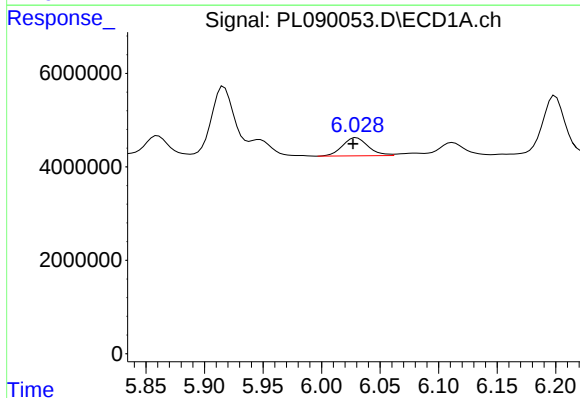
#10 trans-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: -8625225  
Conc: N.D.



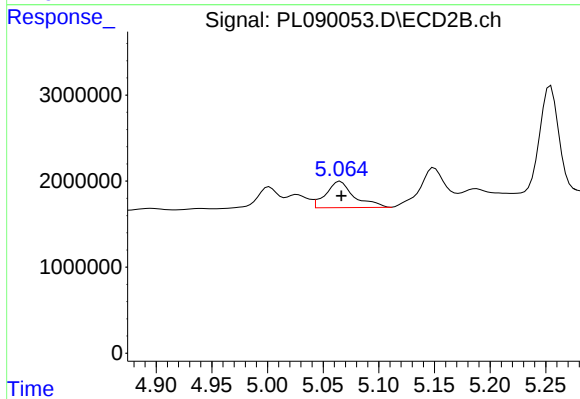
#10 trans-Chlordane

R.T.: 5.002 min  
Delta R.T.: 0.000 min  
Response: 3243740  
Conc: 1.96 ng/ml



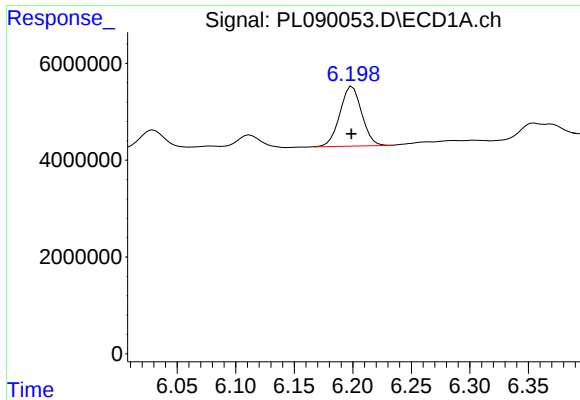
#11 cis-Chlordane

R.T.: 6.030 min  
Delta R.T.: 0.003 min  
Response: 5920510  
Conc: 2.65 ng/ml



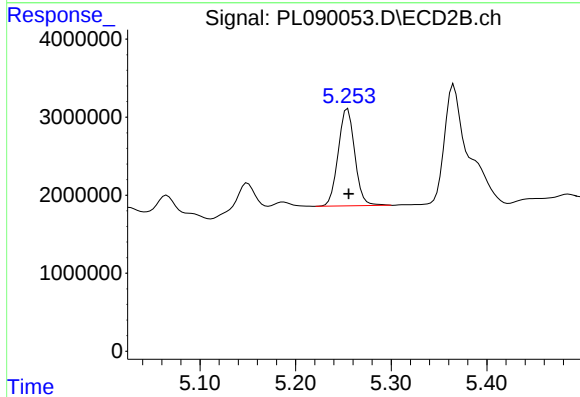
#11 cis-Chlordane

R.T.: 5.065 min  
Delta R.T.: -0.001 min  
Response: 5404075  
Conc: 3.14 ng/ml



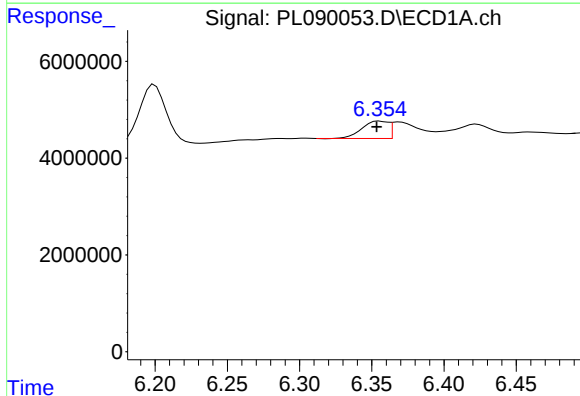
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 15939647  
Conc: 8.45 ng/ml



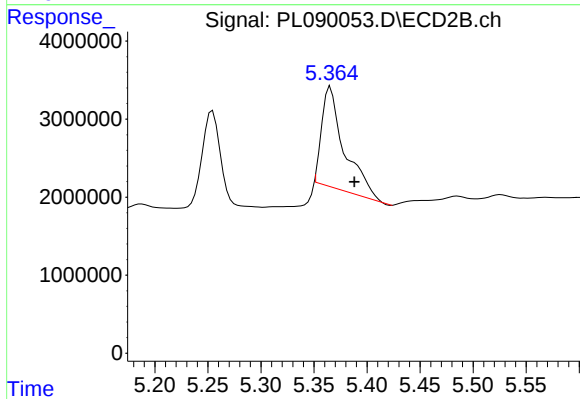
#12 4,4'-DDE

R.T.: 5.254 min  
Delta R.T.: -0.001 min  
Response: 15036975  
Conc: 9.82 ng/ml



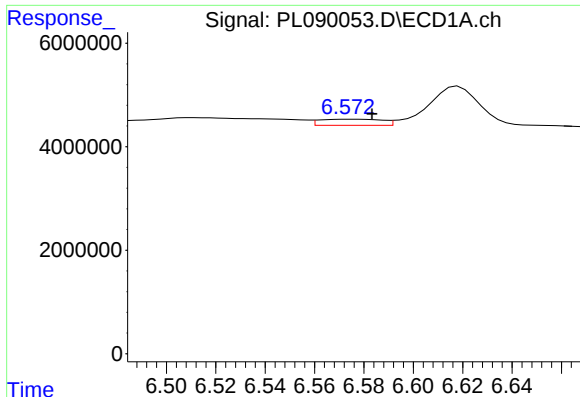
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.002 min  
Response: 4541635  
Conc: 2.16 ng/ml



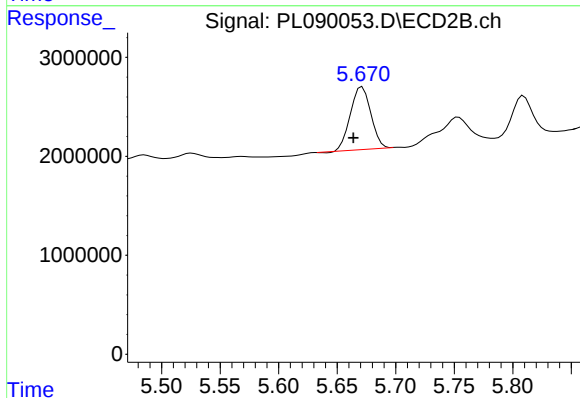
#13 Dieldrin

R.T.: 5.366 min  
Delta R.T.: -0.023 min  
Response: 18998616  
Conc: 11.47 ng/ml



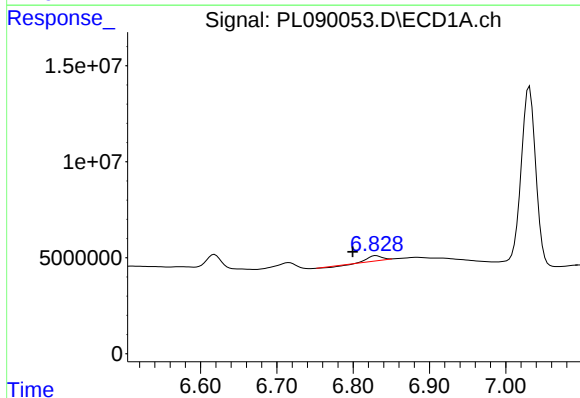
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: -0.009 min  
Response: 2094466  
Conc: 1.19 ng/ml



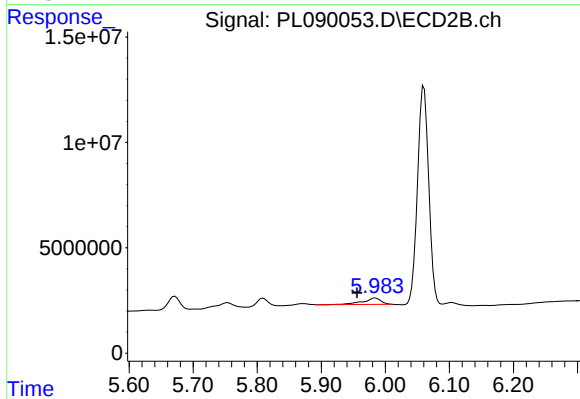
#14 Endrin

R.T.: 5.671 min  
Delta R.T.: 0.008 min  
Response: 7690018  
Conc: 5.18 ng/ml



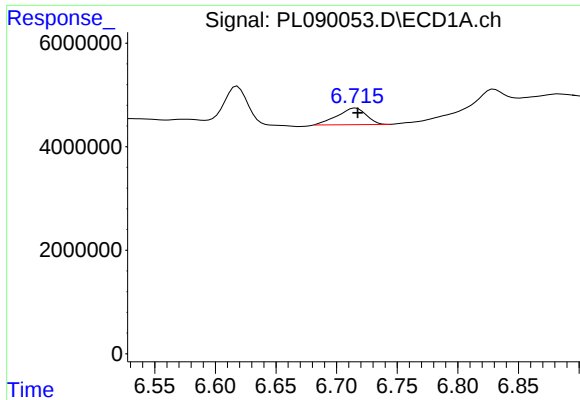
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: 0.031 min  
Response: 2630104  
Conc: 1.46 ng/ml



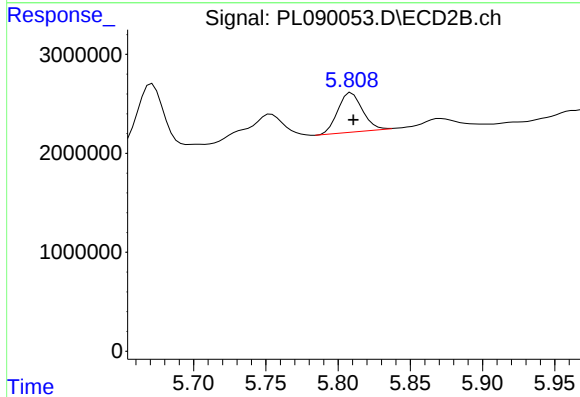
#15 Endosulfan II

R.T.: 5.984 min  
Delta R.T.: 0.029 min  
Response: 5729532  
Conc: 3.92 ng/ml



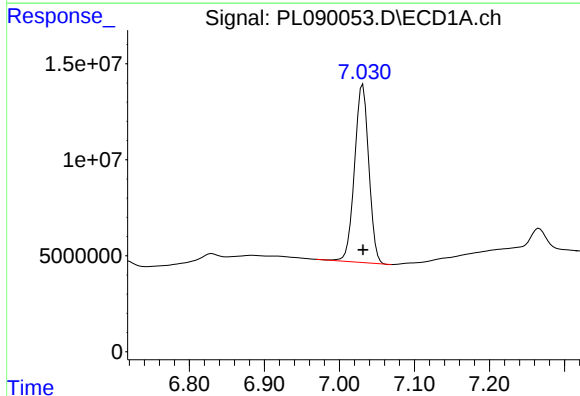
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: -0.002 min  
Response: 5352833  
Conc: 3.52 ng/ml



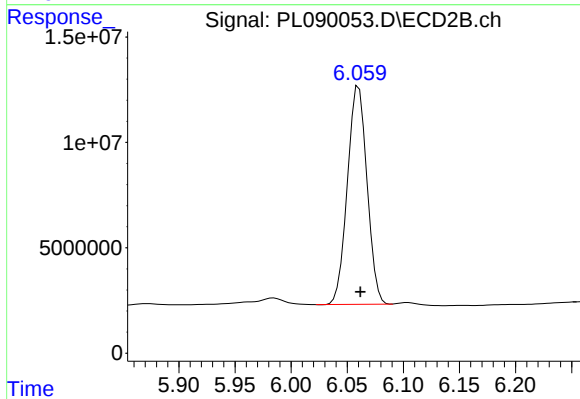
#16 4,4'-DDD

R.T.: 5.809 min  
Delta R.T.: -0.001 min  
Response: 4686410  
Conc: 3.72 ng/ml



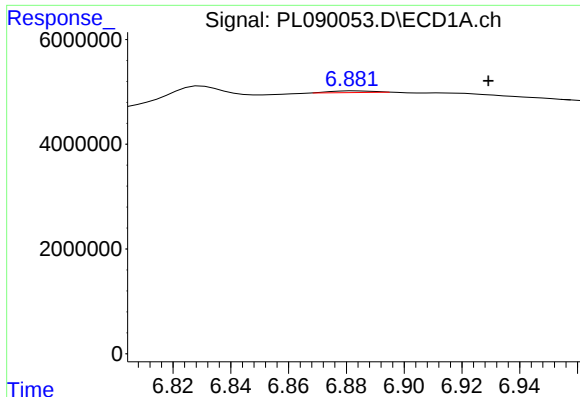
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 122564944  
Conc: 79.16 ng/ml



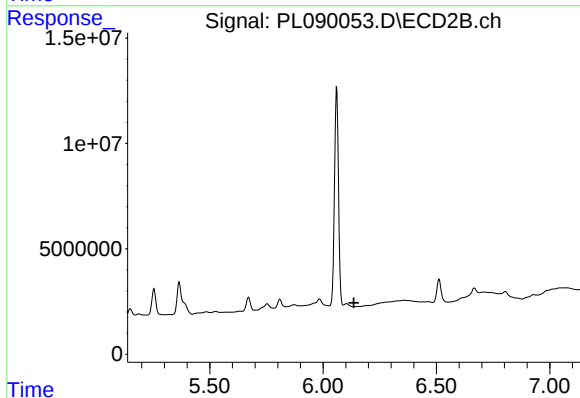
#17 4,4'-DDT

R.T.: 6.060 min  
Delta R.T.: -0.001 min  
Response: 126029158  
Conc: 93.38 ng/ml



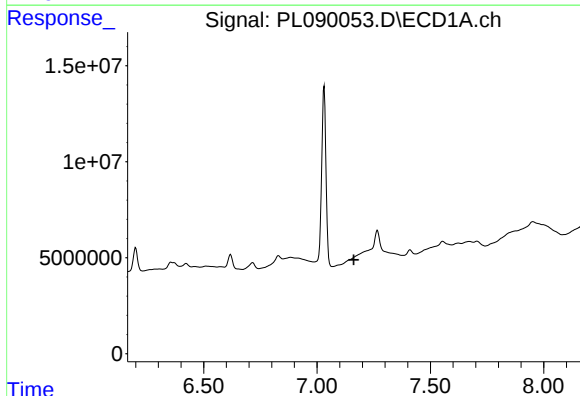
#18 Endrin aldehyde

R.T.: 6.883 min  
Delta R.T.: -0.046 min  
Response: 359673  
Conc: 0.28 ng/ml



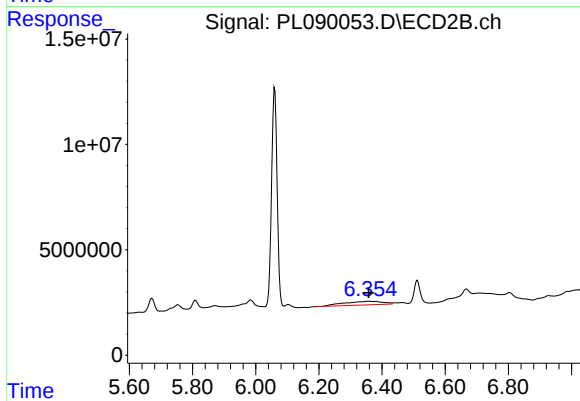
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.135 min  
Response: 0  
Conc: N.D.



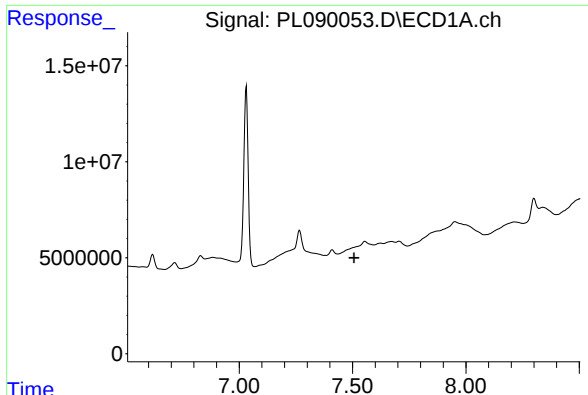
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.162 min  
Response: 0  
Conc: N.D.



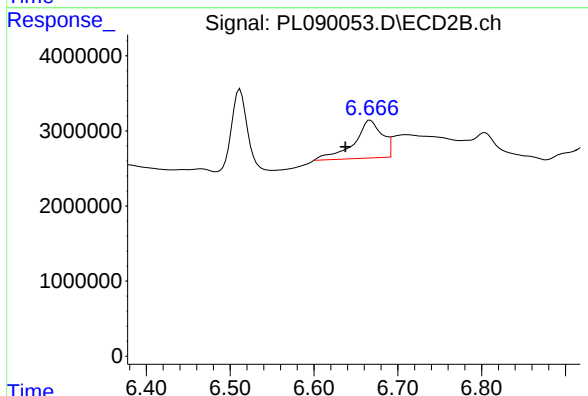
#19 Endosulfan Sulfate

R.T.: 6.356 min  
Delta R.T.: -0.001 min  
Response: 14331312  
Conc: 9.95 ng/ml



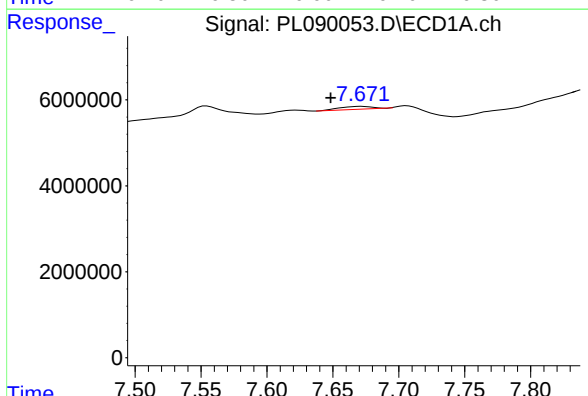
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.507 min  
Response: 0  
Conc: N.D.



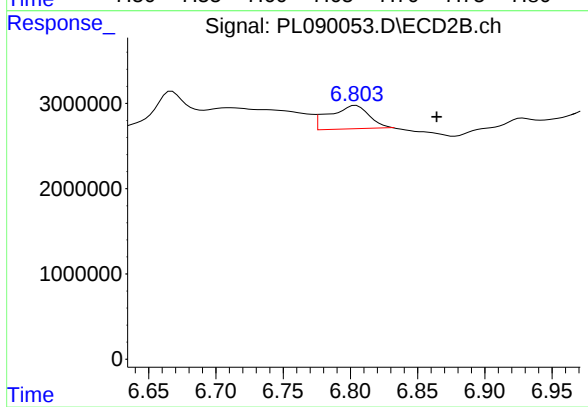
#20 Methoxychlor

R.T.: 6.667 min  
Delta R.T.: 0.030 min  
Response: 11741812  
Conc: 15.44 ng/ml



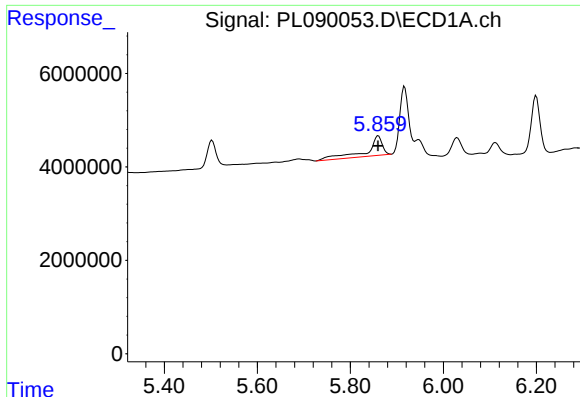
#21 Endrin ketone

R.T.: 7.672 min  
Delta R.T.: 0.024 min  
Response: 1246240  
Conc: 0.69 ng/ml



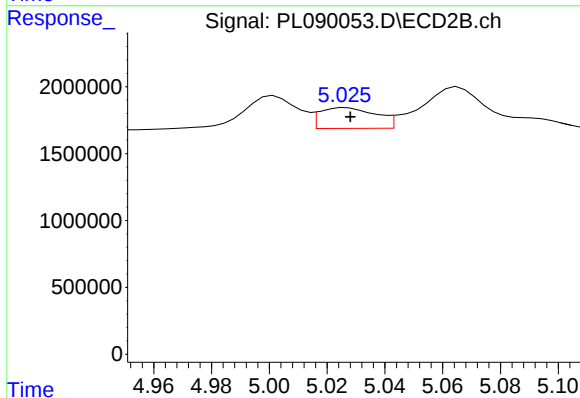
#21 Endrin ketone

R.T.: 6.804 min  
Delta R.T.: -0.060 min  
Response: 5695535  
Conc: 3.55 ng/ml



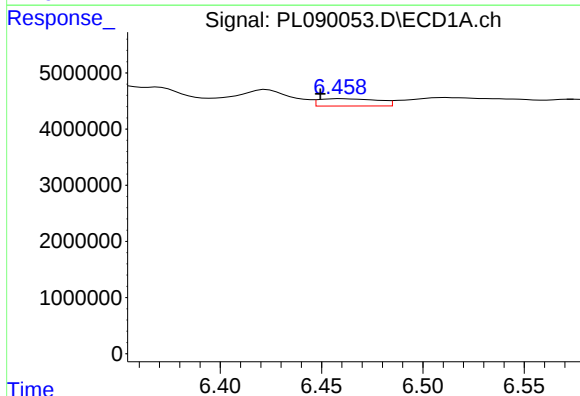
#22 Toxaphene-1

R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: 9928446  
Conc: 1299.64 ng/ml



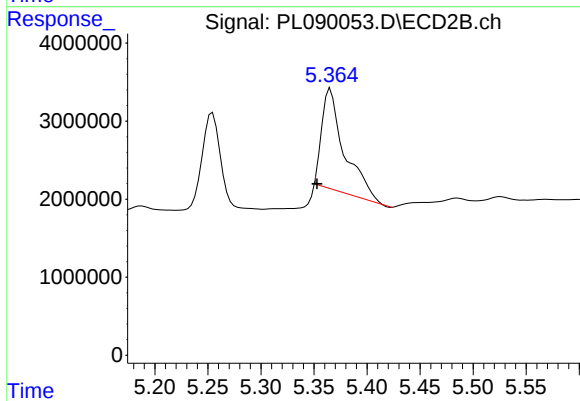
#22 Toxaphene-1

R.T.: 5.027 min  
Delta R.T.: -0.002 min  
Response: 2099621  
Conc: 232.12 ng/ml



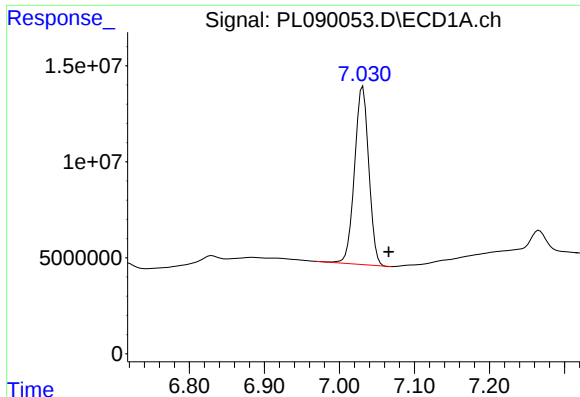
#23 Toxaphene-2

R.T.: 6.459 min  
Delta R.T.: 0.010 min  
Response: 2653319  
Conc: 129.78 ng/ml



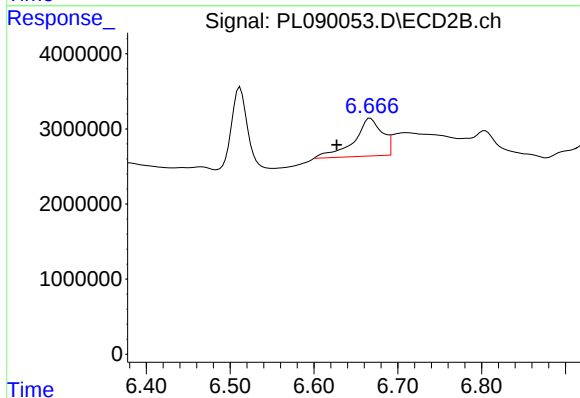
#23 Toxaphene-2

R.T.: 5.366 min  
Delta R.T.: 0.013 min  
Response: 18998616  
Conc: 2175.88 ng/ml



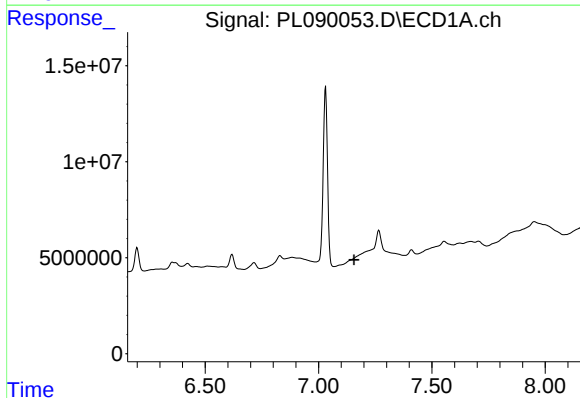
#24 Toxaphene-3

R.T.: 7.031 min  
Delta R.T.: -0.035 min  
Response: 122564944  
Conc: 2499.69 ng/ml



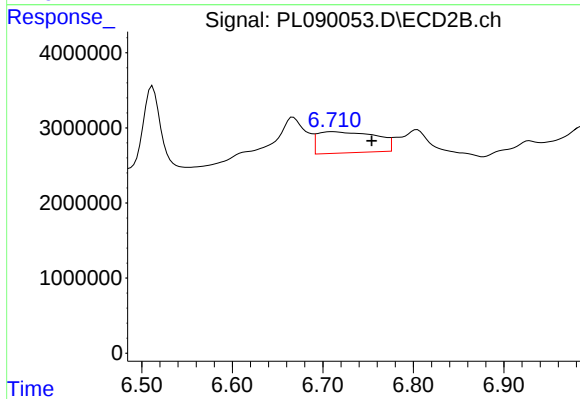
#24 Toxaphene-3

R.T.: 6.667 min  
Delta R.T.: 0.040 min  
Response: 11741812  
Conc: 355.57 ng/ml



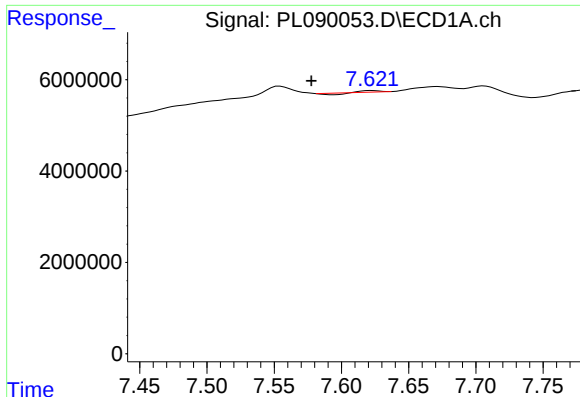
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 7.157 min  
Response: 0  
Conc: N.D.



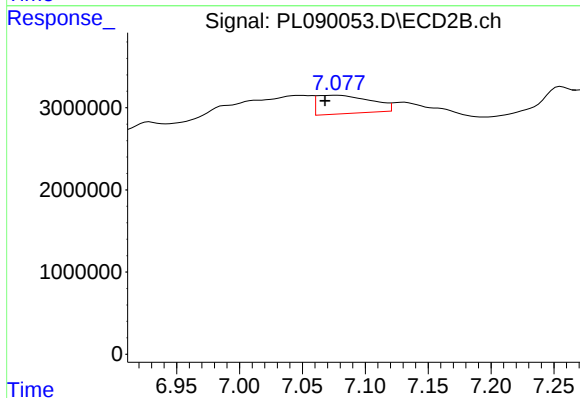
#25 Toxaphene-4

R.T.: 6.711 min  
Delta R.T.: -0.043 min  
Response: 12613959  
Conc: 279.09 ng/ml



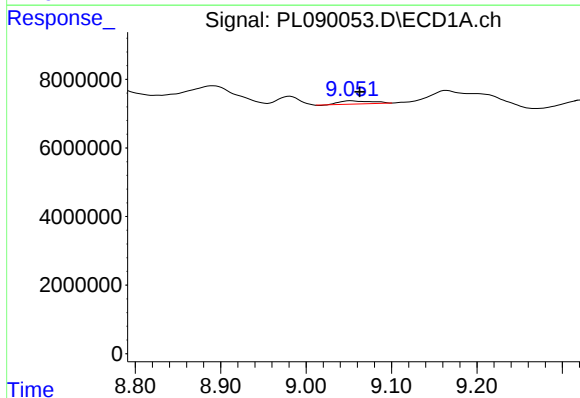
#26 Toxaphene-5

R.T.: 7.623 min  
Delta R.T.: 0.045 min  
Response: 44550  
Conc: 1.69 ng/ml



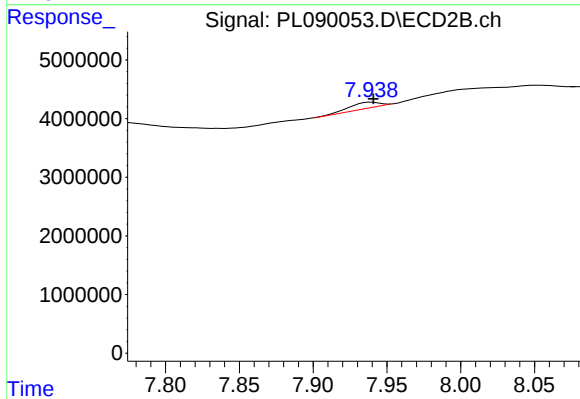
#26 Toxaphene-5

R.T.: 7.078 min  
Delta R.T.: 0.010 min  
Response: 6682805  
Conc: 222.41 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.011 min  
Response: 2428039  
Conc: 1.84 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.940 min  
Delta R.T.: -0.001 min  
Response: 1420115  
Conc: 1.02 ng/ml