

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030824\  
 Data File : PL088474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Mar 2024 17:59  
 Operator : AR\AJ  
 Sample : TOXAPHENE201  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TOXAPH2496

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 08 21:54:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030824CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 08 16:13:19 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

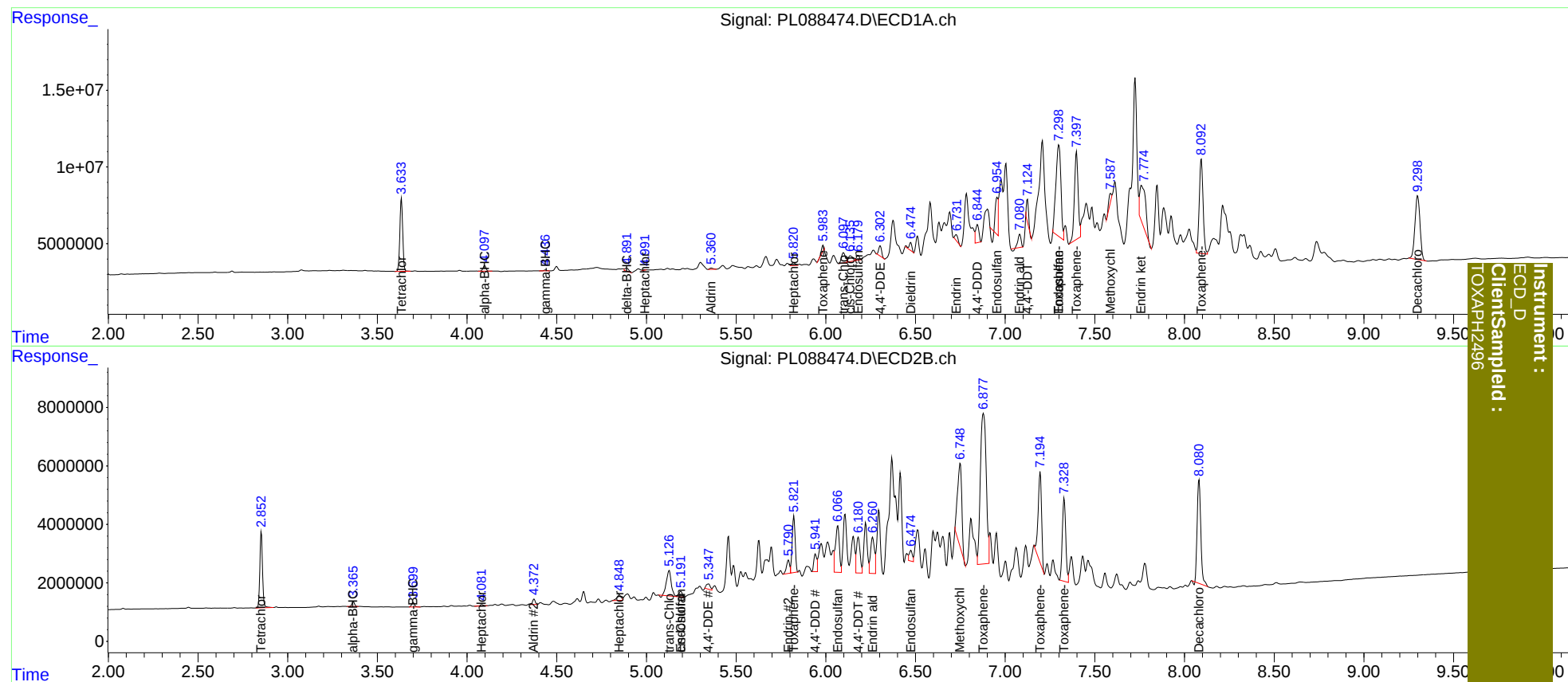
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.634  | 2.853  | 53030365 | 26706942 | 17.812   | 17.412     |
| 27)                         | SA Decachlor... | 9.300  | 8.081  | 81185915 | 49527295 | 32.918   | 34.140     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.098  | 3.366  | 4315409  | 1691958  | 0.990    | 0.774      |
| 3)                          | MA gamma-BHC... | 4.438  | 3.700  | 676967   | 1747118  | 0.163    | 0.840 #    |
| 4)                          | MA Heptachlor   | 4.993f | 4.082f | 529447   | 629072   | 0.124    | 0.307 #    |
| 5)                          | MB Aldrin       | 5.361  | 4.373f | 1084131  | 1879339  | 0.296    | 1.019 #    |
| 6)                          | B beta-BHC      | 4.651  | 0.000  | 45878    | 0        | <MDL     | N.D. #     |
| 7)                          | B delta-BHC     | 4.891  | 0.000  | 2822616  | 0        | 0.677    | N.D. #     |
| 8)                          | Heptachlo...    | 5.821  | 4.849  | 2831486  | 3010288  | 0.762    | 1.698 #    |
| 9)                          | A Endosulfan I  | 6.181  | 5.192  | 3642477  | 2630237  | 1.085    | 1.563 #    |
| 10)                         | B trans-Chl...  | 6.099  | 5.127  | 9913994  | 15883318 | 2.896    | 9.107 #    |
| 11)                         | B cis-Chlor...  | 6.137  | 5.192  | 7233626  | 2630237  | 2.072    | 1.467 #    |
| 12)                         | B 4,4'-DDE      | 6.304  | 5.346  | 7619433  | 2826443  | 2.423    | 1.719 #    |
| 13)                         | MA Dieldrin     | 6.474  | 5.486  | 5851711  | -367299  | 1.641    | N.D. #     |
| 14)                         | MA Endrin       | 6.728  | 5.792  | 4739370  | 5410859  | 1.602    | 3.293 #    |
| 15)                         | B Endosulfa...  | 6.955  | 6.067  | 20167639 | 24352592 | 6.862    | 15.445 #   |
| 16)                         | A 4,4'-DDD      | 6.846  | 5.942  | 15126681 | 6722285  | 5.624    | 4.758      |
| 17)                         | MA 4,4'-DDT     | 7.124f | 6.181  | 12304955 | 17020096 | 4.280    | 10.812 #   |
| 18)                         | B Endrin al...  | 7.082  | 6.261  | 9379797  | 18712275 | 4.279    | 16.053 #   |
| 19)                         | B Endosulfa...  | 7.300  | 6.475  | 115.9E6  | 4467163  | 40.642   | 2.941 #    |
| 20)                         | A Methoxychlor  | 7.588f | 6.750  | 5513902  | 46841444 | 3.537    | 54.310 #   |
| 21)                         | B Endrin ke...  | 7.760f | 7.002  | 58399674 | -7944558 | 19.510   | N.D. #     |
| 22)                         | Toxaphene-1     | 5.985  | 5.486  | 3312936  | -367299  | 300.927  | N.D. #     |
| 23)                         | Toxaphene-2     | 0.000  | 5.822  | 0        | 22510831 | N.D.     | 2044.384   |
| 24)                         | Toxaphene-3     | 7.300  | 6.879  | 115.9E6  | 116.7E6  | 1802.048 | 2306.315 # |
| 25)                         | Toxaphene-4     | 7.398  | 7.195  | 81725199 | 39846992 | 2234.218 | 1899.617   |
| 26)                         | Toxaphene-5     | 8.094  | 7.329  | 91435956 | 37873682 | 1956.575 | 2015.004   |
| -----                       |                 |        |        |          |          |          |            |

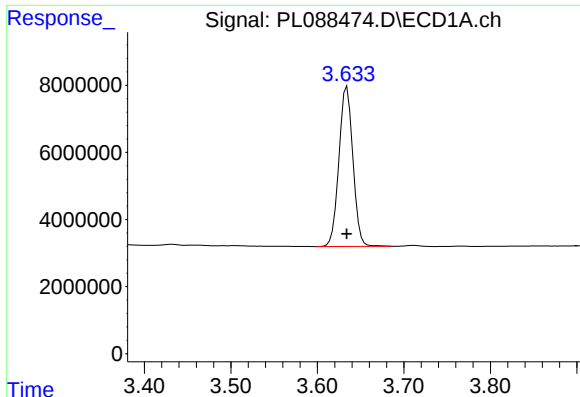
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030824\  
Data File : PL088474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Mar 2024 17:59  
Operator : AR\AJ  
Sample : TOXAPHENE201  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 08 21:54:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030824CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 08 16:13:19 2024  
Response via : Initial Calibration  
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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

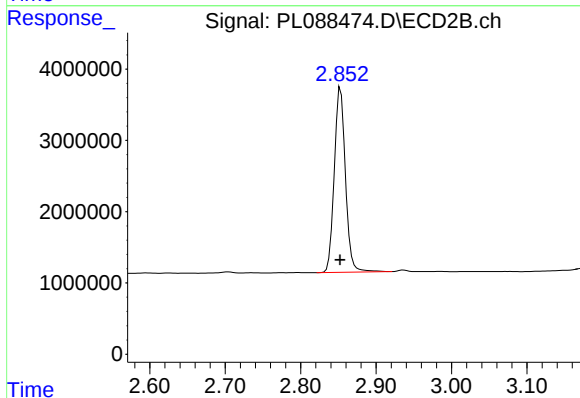




#1 Tetrachloro-m-xylene

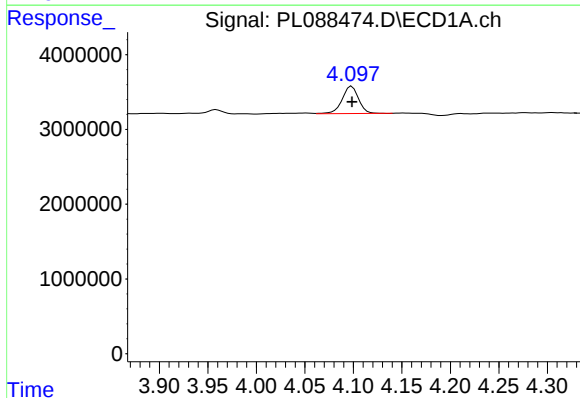
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 53030365  
Conc: 17.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



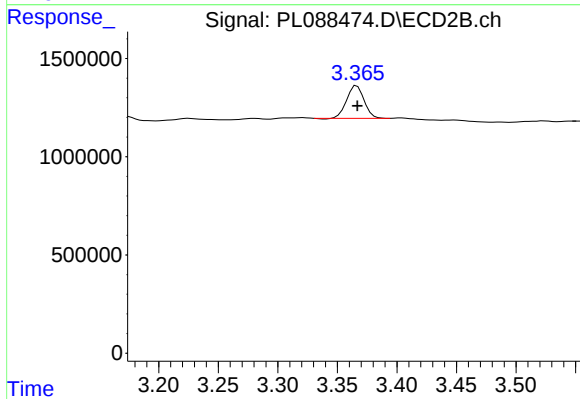
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 26706942  
Conc: 17.41 ng/ml



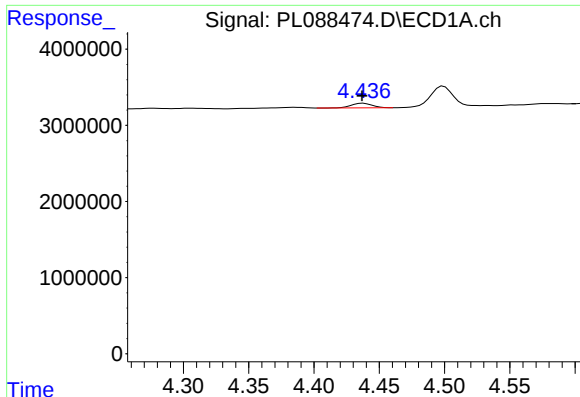
#2 alpha-BHC

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 4315409  
Conc: 0.99 ng/ml



#2 alpha-BHC

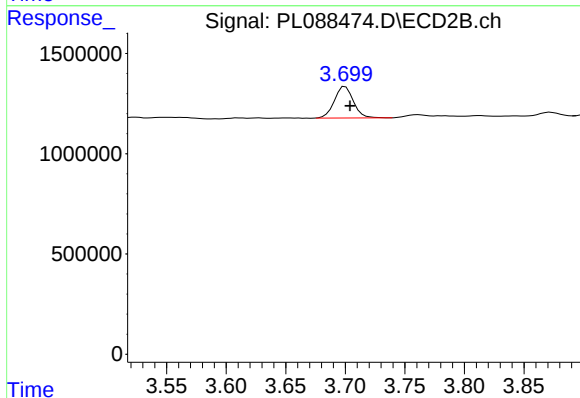
R.T.: 3.366 min  
Delta R.T.: 0.000 min  
Response: 1691958  
Conc: 0.77 ng/ml



#3 gamma-BHC (Lindane)

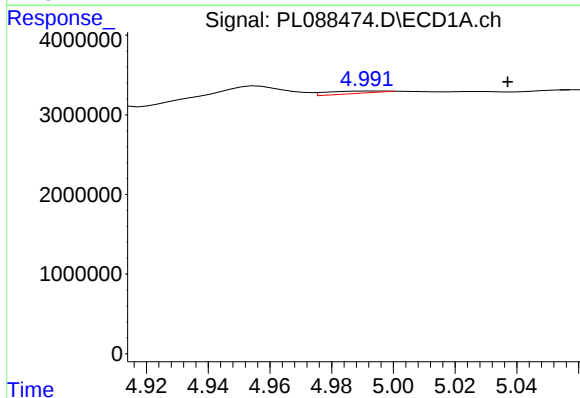
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 676967  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



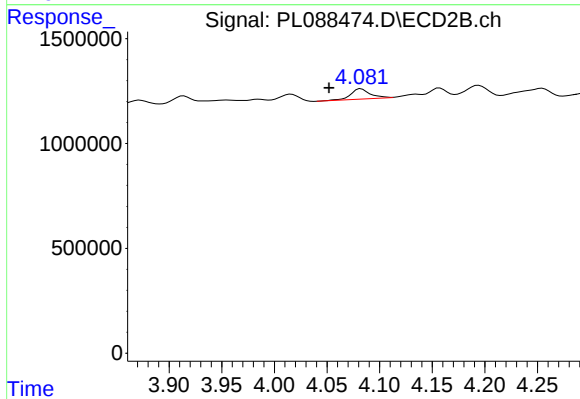
#3 gamma-BHC (Lindane)

R.T.: 3.700 min  
Delta R.T.: -0.004 min  
Response: 1747118  
Conc: 0.84 ng/ml



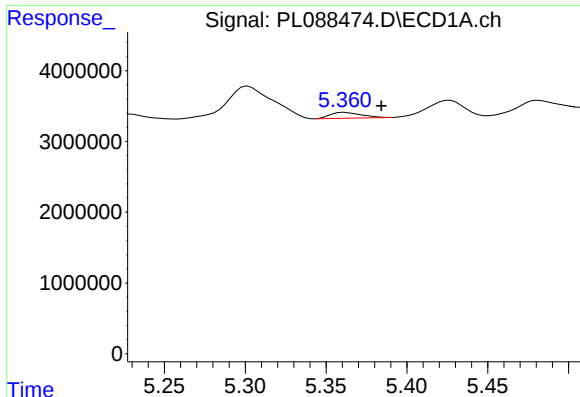
#4 Heptachlor

R.T.: 4.993 min  
Delta R.T.: -0.044 min  
Response: 529447  
Conc: 0.12 ng/ml



#4 Heptachlor

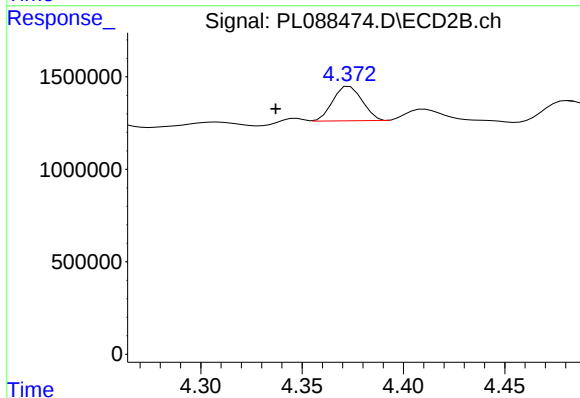
R.T.: 4.082 min  
Delta R.T.: 0.031 min  
Response: 629072  
Conc: 0.31 ng/ml



#5 Aldrin

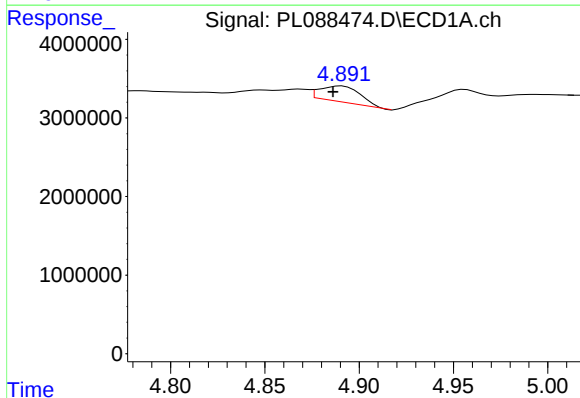
R.T.: 5.361 min  
Delta R.T.: -0.023 min  
Response: 1084131  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



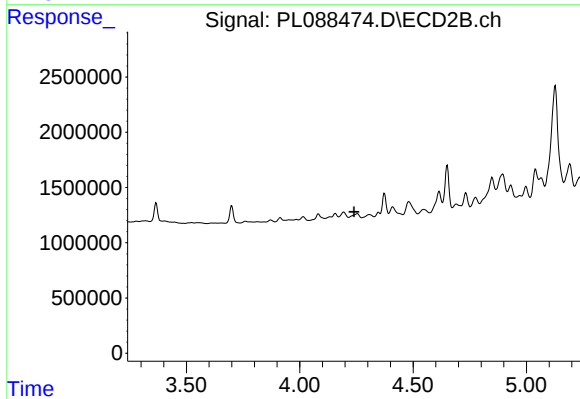
#5 Aldrin

R.T.: 4.373 min  
Delta R.T.: 0.037 min  
Response: 1879339  
Conc: 1.02 ng/ml



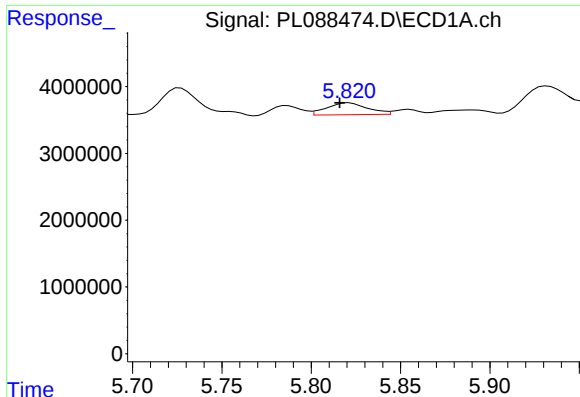
#7 delta-BHC

R.T.: 4.891 min  
Delta R.T.: 0.005 min  
Response: 2822616  
Conc: 0.68 ng/ml



#7 delta-BHC

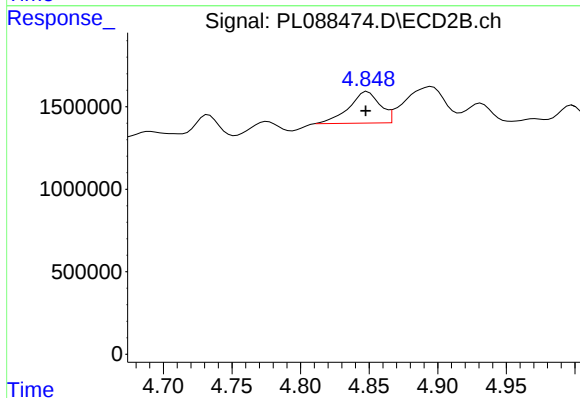
R.T.: 0.000 min  
Exp R.T. : 4.240 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

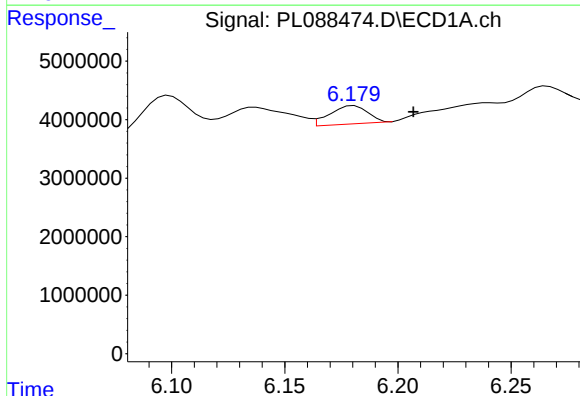
R.T.: 5.821 min  
Delta R.T.: 0.005 min  
Response: 2831486  
Conc: 0.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



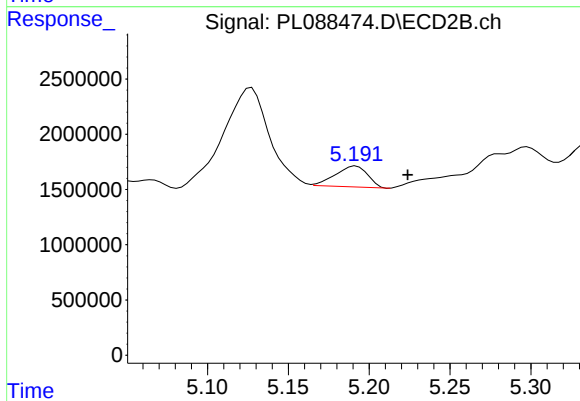
#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: 0.001 min  
Response: 3010288  
Conc: 1.70 ng/ml



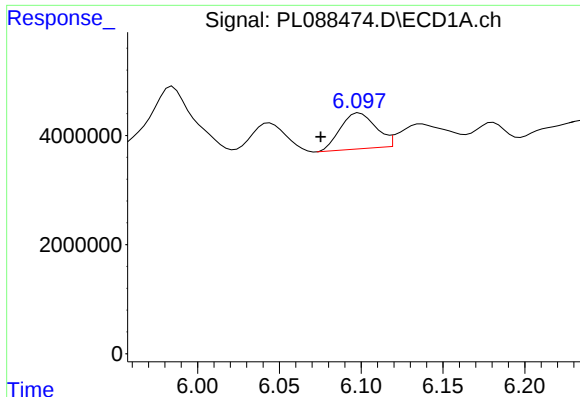
#9 Endosulfan I

R.T.: 6.181 min  
Delta R.T.: -0.026 min  
Response: 3642477  
Conc: 1.08 ng/ml



#9 Endosulfan I

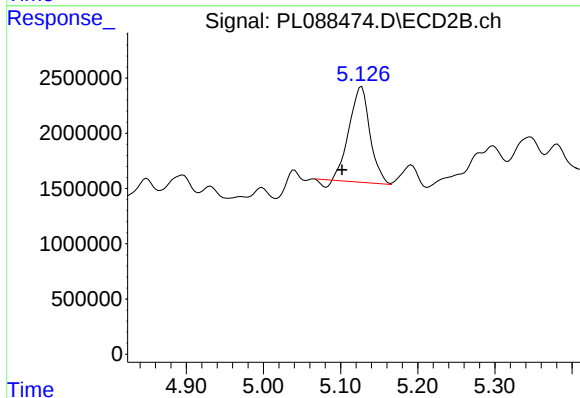
R.T.: 5.192 min  
Delta R.T.: -0.032 min  
Response: 2630237  
Conc: 1.56 ng/ml



#10 trans-Chlordane

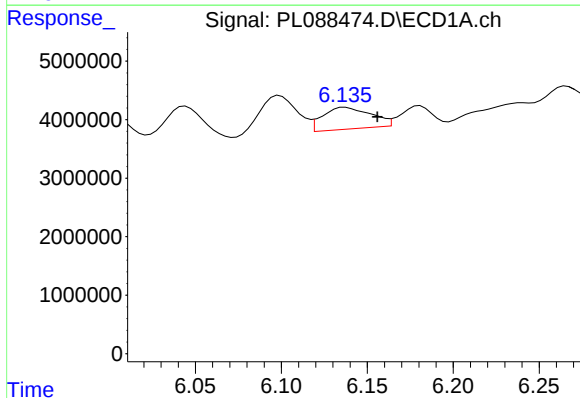
R.T.: 6.099 min  
Delta R.T.: 0.024 min  
Response: 9913994  
Conc: 2.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



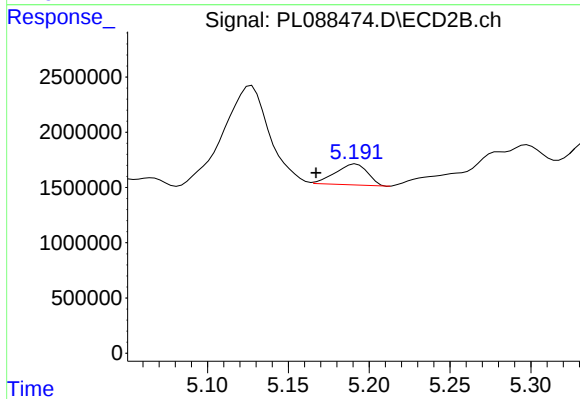
#10 trans-Chlordane

R.T.: 5.127 min  
Delta R.T.: 0.025 min  
Response: 15883318  
Conc: 9.11 ng/ml



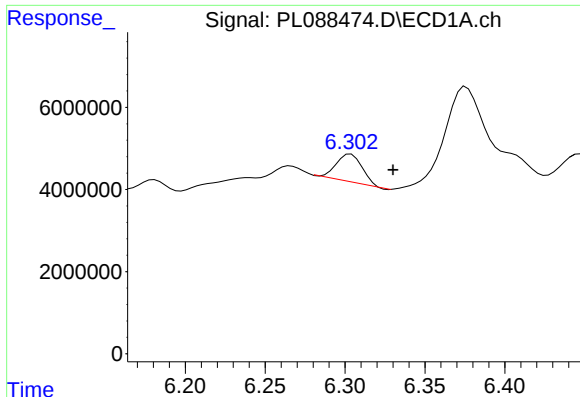
#11 cis-Chlordane

R.T.: 6.137 min  
Delta R.T.: -0.019 min  
Response: 7233626  
Conc: 2.07 ng/ml



#11 cis-Chlordane

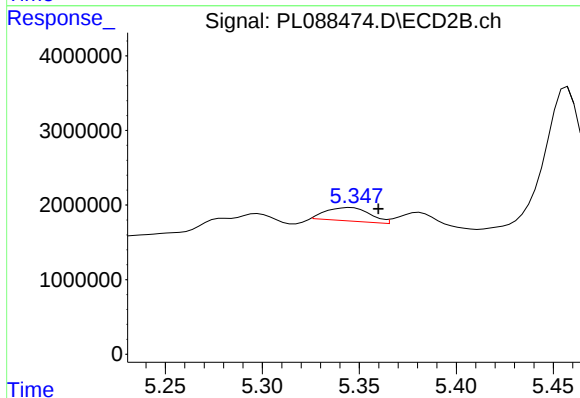
R.T.: 5.192 min  
Delta R.T.: 0.025 min  
Response: 2630237  
Conc: 1.47 ng/ml



#12 4,4'-DDE

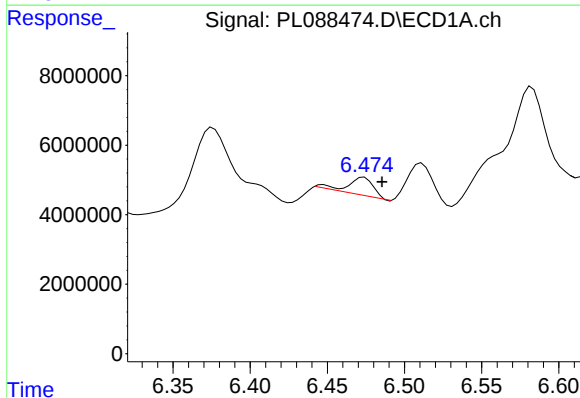
R.T.: 6.304 min  
Delta R.T.: -0.026 min  
Response: 7619433  
Conc: 2.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



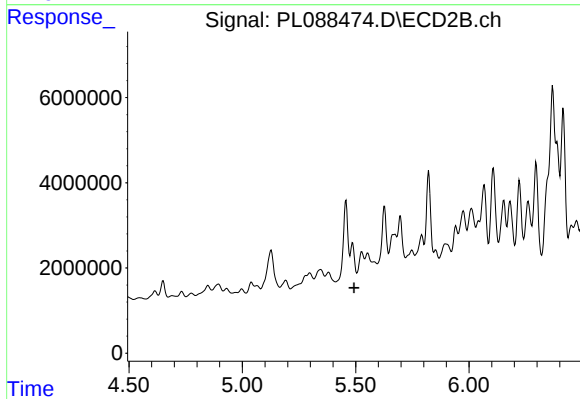
#12 4,4'-DDE

R.T.: 5.346 min  
Delta R.T.: -0.014 min  
Response: 2826443  
Conc: 1.72 ng/ml



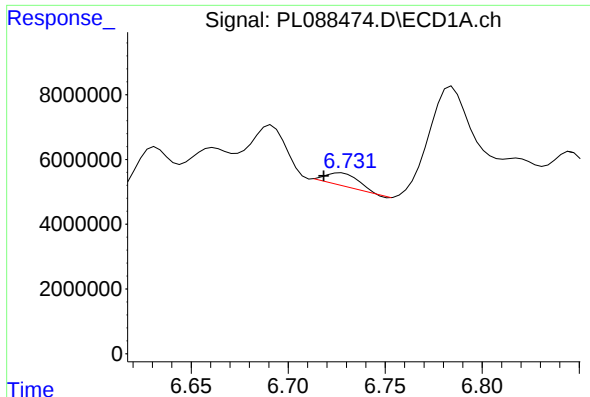
#13 Dieldrin

R.T.: 6.474 min  
Delta R.T.: -0.012 min  
Response: 5851711  
Conc: 1.64 ng/ml



#13 Dieldrin

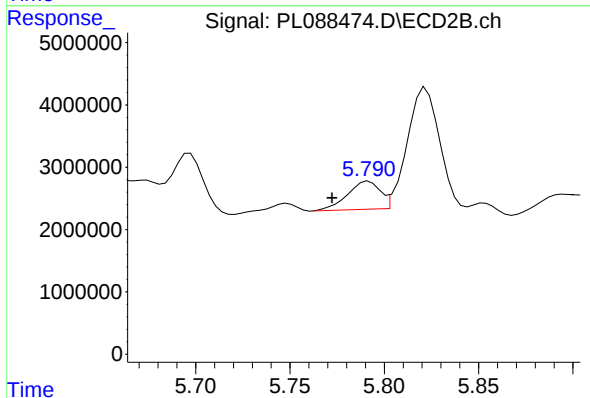
R.T.: 5.486 min  
Delta R.T.: -0.006 min  
Response: -367299  
Conc: N.D.



#14 Endrin

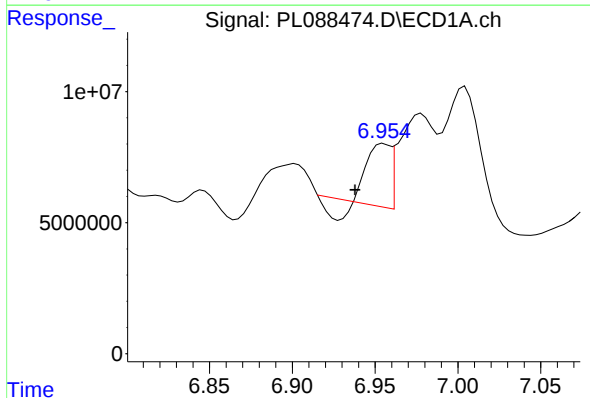
R.T.: 6.728 min  
Delta R.T.: 0.009 min  
Response: 4739370  
Conc: 1.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



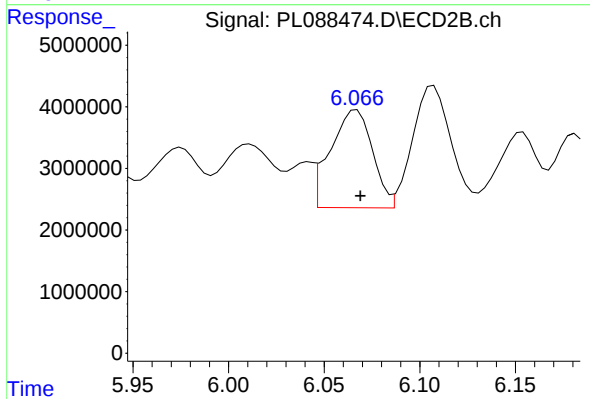
#14 Endrin

R.T.: 5.792 min  
Delta R.T.: 0.019 min  
Response: 5410859  
Conc: 3.29 ng/ml



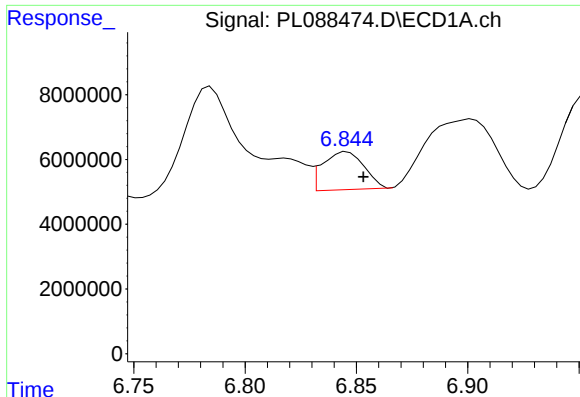
#15 Endosulfan II

R.T.: 6.955 min  
Delta R.T.: 0.017 min  
Response: 20167639  
Conc: 6.86 ng/ml



#15 Endosulfan II

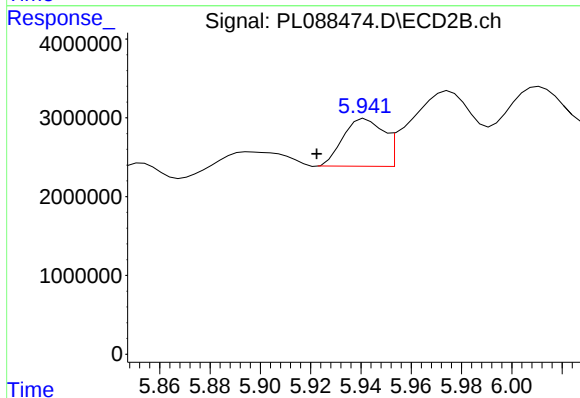
R.T.: 6.067 min  
Delta R.T.: -0.002 min  
Response: 24352592  
Conc: 15.44 ng/ml



#16 4,4'-DDD

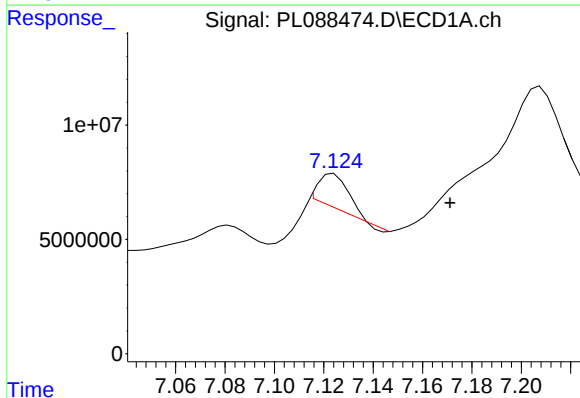
R.T.: 6.846 min  
Delta R.T.: -0.007 min  
Response: 15126681  
Conc: 5.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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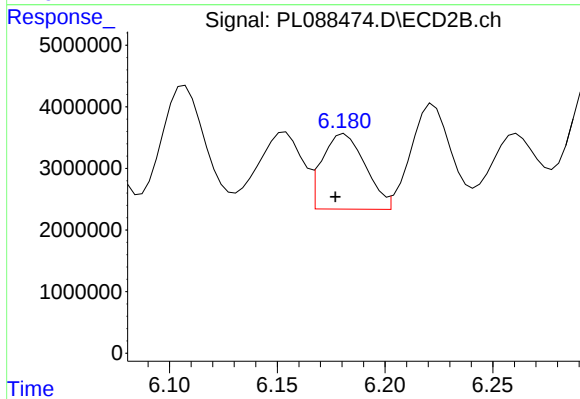
#16 4,4'-DDD

R.T.: 5.942 min  
Delta R.T.: 0.019 min  
Response: 6722285  
Conc: 4.76 ng/ml



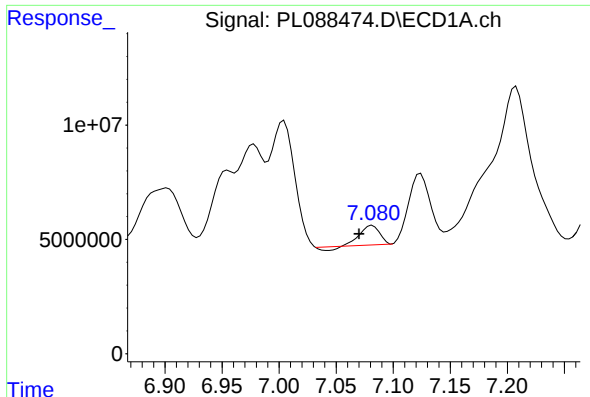
#17 4,4'-DDT

R.T.: 7.124 min  
Delta R.T.: -0.047 min  
Response: 12304955  
Conc: 4.28 ng/ml



#17 4,4'-DDT

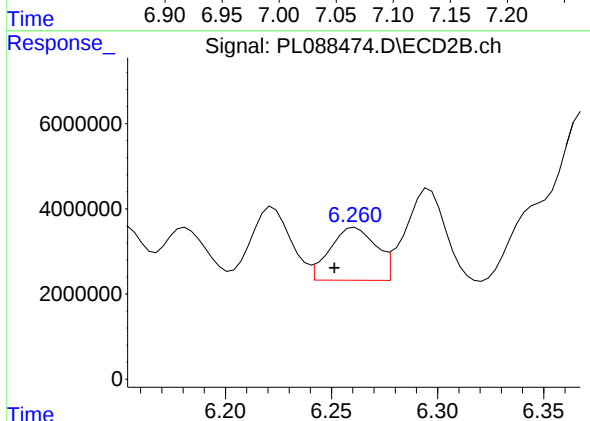
R.T.: 6.181 min  
Delta R.T.: 0.004 min  
Response: 17020096  
Conc: 10.81 ng/ml



#18 Endrin aldehyde

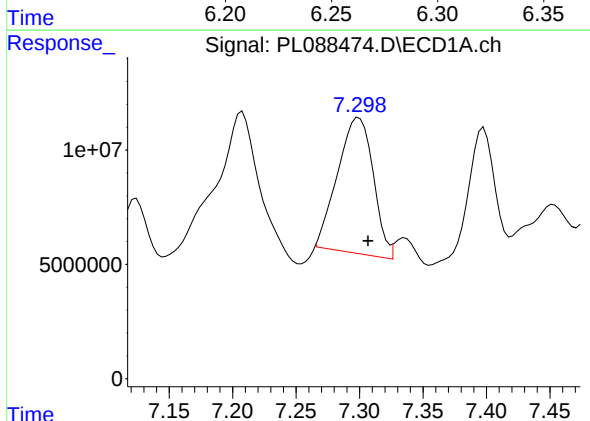
R.T.: 7.082 min  
Delta R.T.: 0.012 min  
Response: 9379797  
Conc: 4.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



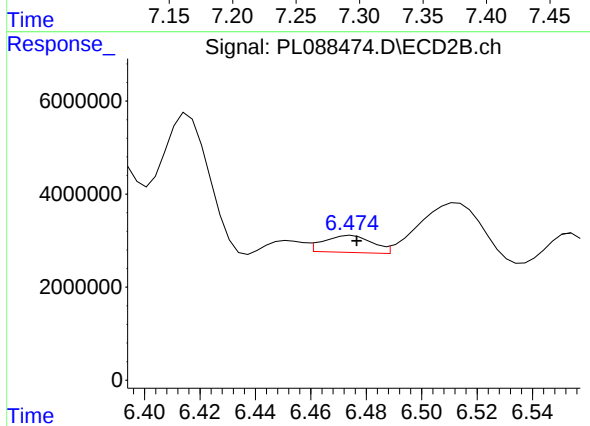
#18 Endrin aldehyde

R.T.: 6.261 min  
Delta R.T.: 0.010 min  
Response: 18712275  
Conc: 16.05 ng/ml



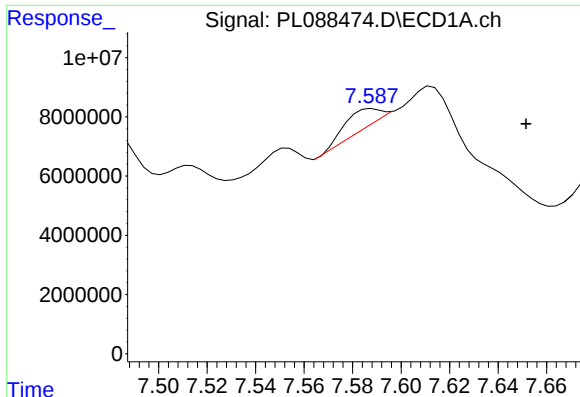
#19 Endosulfan Sulfate

R.T.: 7.300 min  
Delta R.T.: -0.007 min  
Response: 115949955  
Conc: 40.64 ng/ml



#19 Endosulfan Sulfate

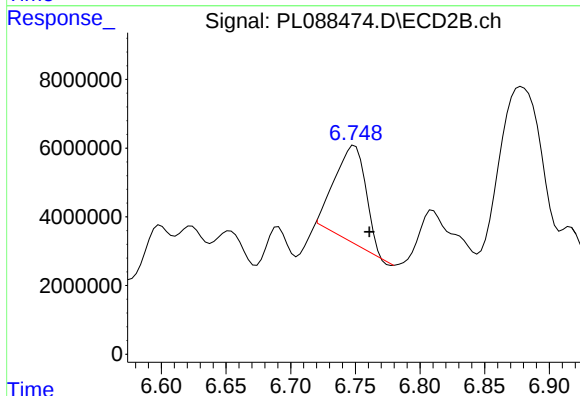
R.T.: 6.475 min  
Delta R.T.: -0.002 min  
Response: 4467163  
Conc: 2.94 ng/ml



#20 Methoxychlor

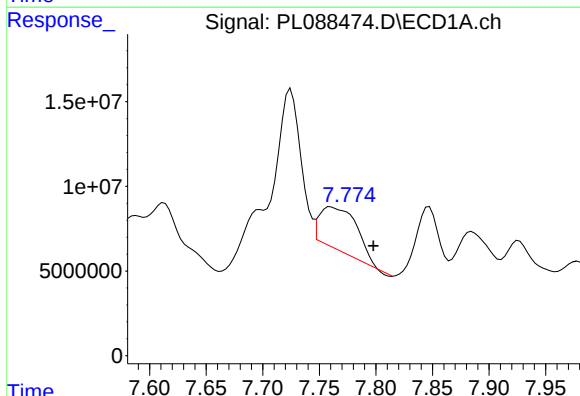
R.T.: 7.588 min  
Delta R.T.: -0.063 min  
Response: 5513902  
Conc: 3.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



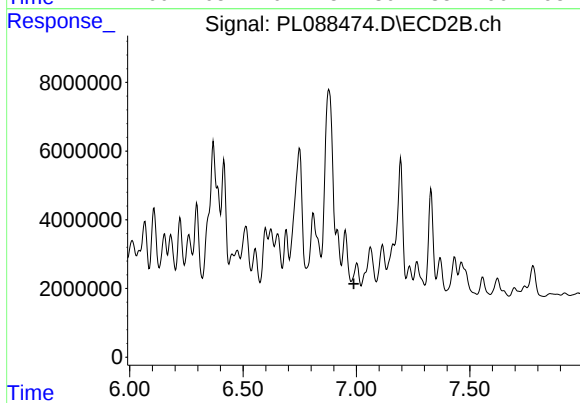
#20 Methoxychlor

R.T.: 6.750 min  
Delta R.T.: -0.011 min  
Response: 46841444  
Conc: 54.31 ng/ml



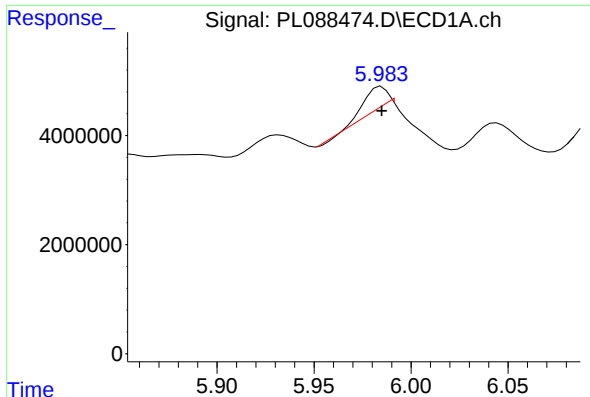
#21 Endrin ketone

R.T.: 7.760 min  
Delta R.T.: -0.038 min  
Response: 58399674  
Conc: 19.51 ng/ml



#21 Endrin ketone

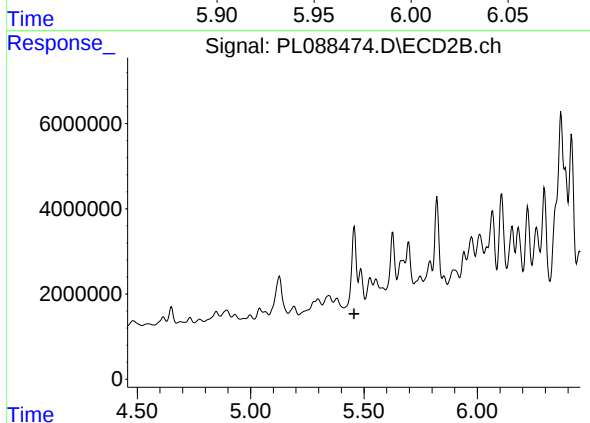
R.T.: 7.002 min  
Delta R.T.: 0.014 min  
Response: -7944558  
Conc: N.D.



#22 Toxaphene-1

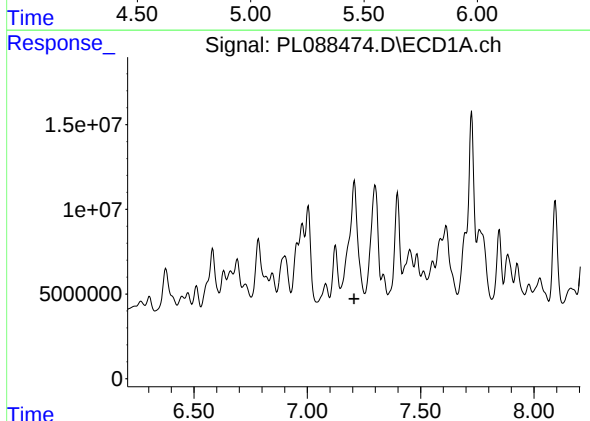
R.T.: 5.985 min  
Delta R.T.: 0.000 min  
Response: 3312936  
Conc: 300.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



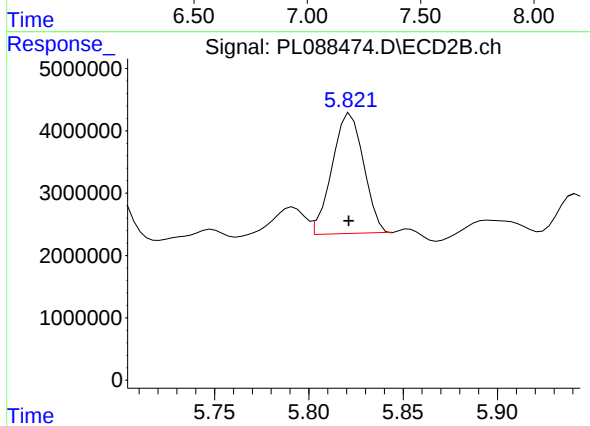
#22 Toxaphene-1

R.T.: 5.486 min  
Delta R.T.: 0.030 min  
Response: -367299  
Conc: N.D.



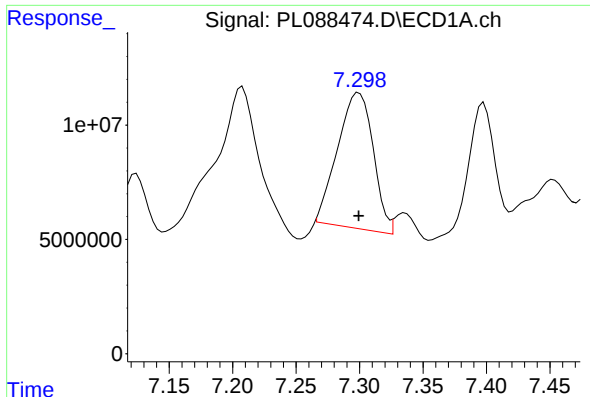
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 7.206 min  
Response: 0  
Conc: N.D.



#23 Toxaphene-2

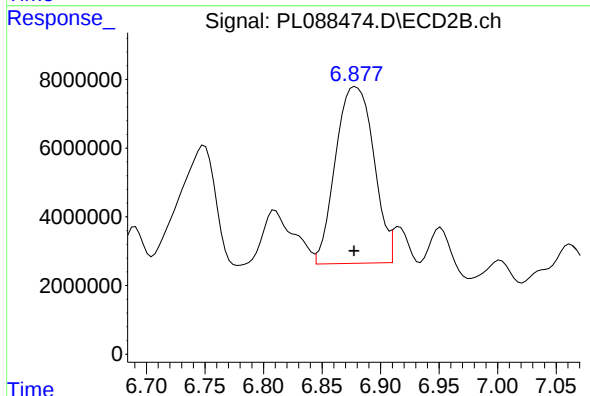
R.T.: 5.822 min  
Delta R.T.: 0.000 min  
Response: 22510831  
Conc: 2044.38 ng/ml



#24 Toxaphene-3

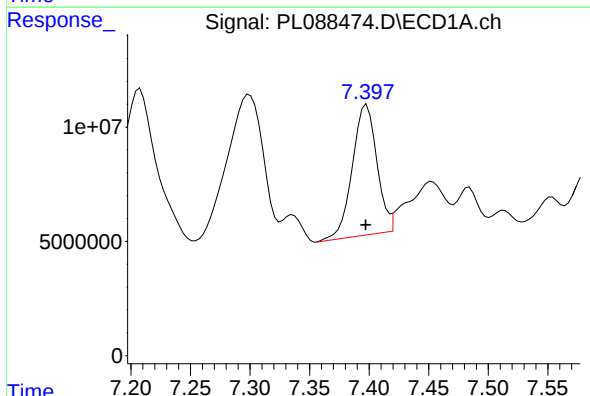
R.T.: 7.300 min  
Delta R.T.: 0.000 min  
Response: 115949955  
Conc: 1802.05 ng/m

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



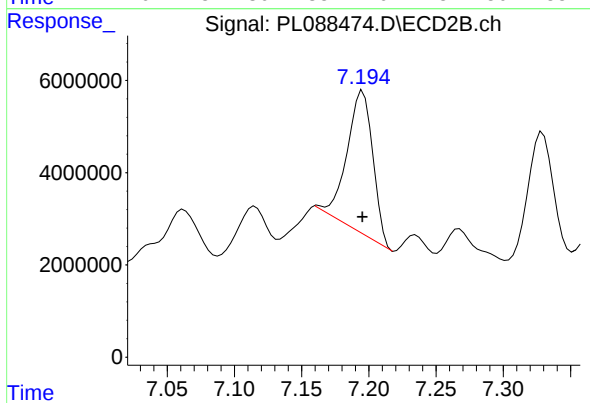
#24 Toxaphene-3

R.T.: 6.879 min  
Delta R.T.: 0.001 min  
Response: 116679990  
Conc: 2306.31 ng/ml



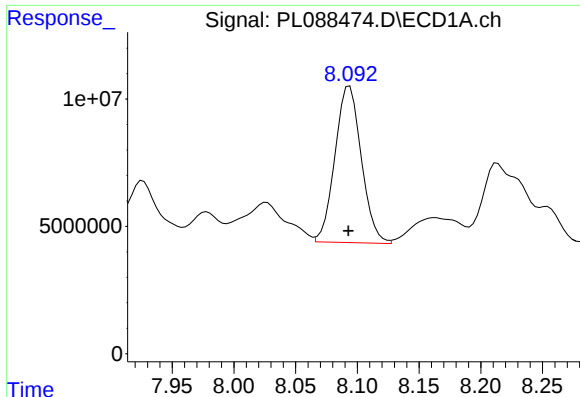
#25 Toxaphene-4

R.T.: 7.398 min  
Delta R.T.: 0.000 min  
Response: 81725199  
Conc: 2234.22 ng/ml



#25 Toxaphene-4

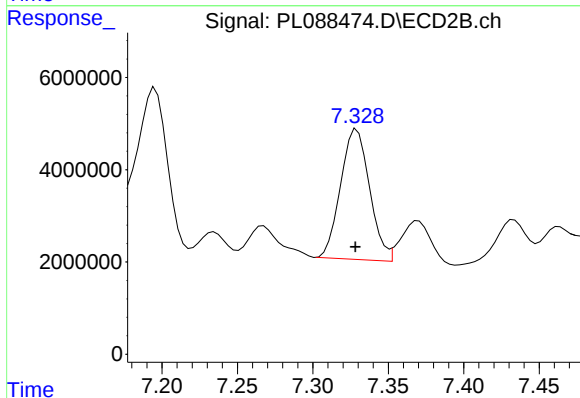
R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 39846992  
Conc: 1899.62 ng/ml



#26 Toxaphene-5

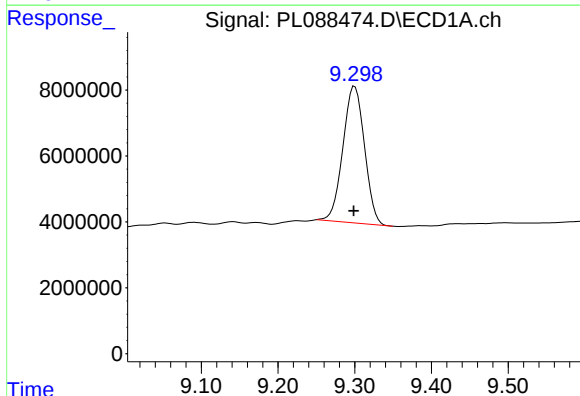
R.T.: 8.094 min  
Delta R.T.: 0.001 min  
Response: 91435956  
Conc: 1956.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH2496



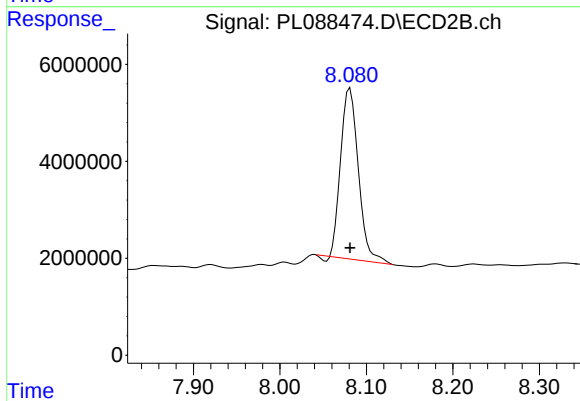
#26 Toxaphene-5

R.T.: 7.329 min  
Delta R.T.: 0.000 min  
Response: 37873682  
Conc: 2015.00 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.300 min  
Delta R.T.: 0.000 min  
Response: 81185915  
Conc: 32.92 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.081 min  
Delta R.T.: 0.000 min  
Response: 49527295  
Conc: 34.14 ng/ml