

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010721\  
 Data File : PL063972.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2021 14:01  
 Operator : AR\AJ  
 Sample : TOXAPHENE351  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 06:53:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 08 05:48:24 2021  
 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

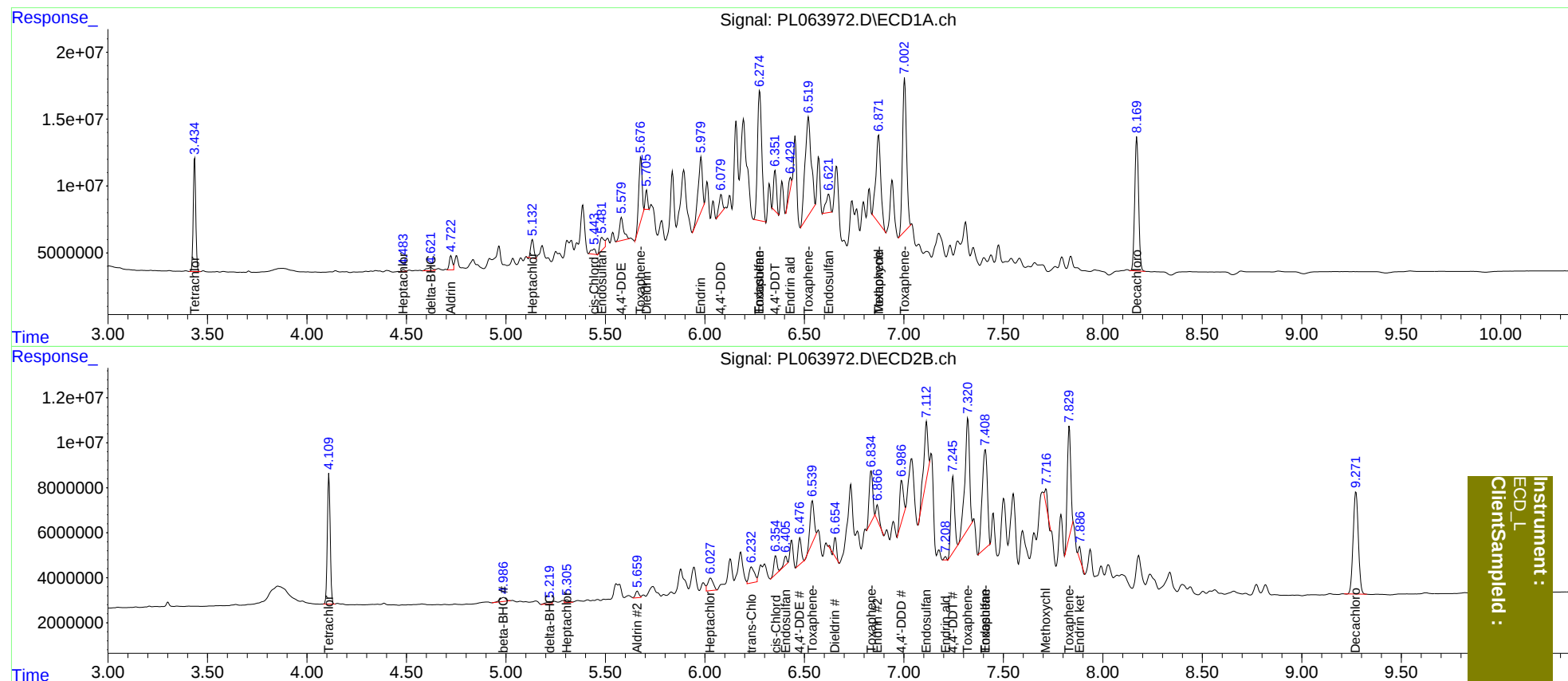
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.436  | 4.111  | 75550135 | 58026249 | 24.092   | 24.126   |
| 27)                         | SA Decachlor... | 8.171  | 9.272  | 135.8E6  | 82521979 | 44.344   | 44.330   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 4)                          | MA Heptachlor   | 4.484f | 5.307  | 1500530  | 1988882  | 0.343    | 0.688 #  |
| 5)                          | MB Aldrin       | 4.724f | 5.660f | 11149544 | 3570340  | 2.703    | 1.373 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.989  | 0        | 3861252  | N.D.     | 2.201    |
| 7)                          | B delta-BHC     | 4.623  | 5.220  | 4720875  | 1878757  | 1.030    | 0.650 #  |
| 8)                          | B Heptachlo...  | 5.133  | 6.028  | 14868249 | 10429164 | 3.811    | 4.340    |
| 9)                          | A Endosulfan I  | 5.483  | 6.406  | 13143576 | 3834858  | 3.678    | 1.715 #  |
| 10)                         | B trans-Chl...  | 5.357  | 6.234  | -2181343 | 13286224 | N.D.     | 5.258    |
| 11)                         | B cis-Chlor...  | 5.445  | 6.356  | 6163884  | 9067576  | 1.574    | 3.658 #  |
| 12)                         | B 4,4'-DDE      | 5.581  | 6.478  | 24717771 | 13514726 | 6.693    | 5.977    |
| 13)                         | MA Dieldrin     | 5.707  | 6.655  | 11256769 | 8122275  | 2.900    | 3.447    |
| 14)                         | MA Endrin       | 5.980  | 6.867  | 58890016 | 7183154  | 19.079   | 4.095 #  |
| 15)                         | B Endosulfa...  | 6.275  | 7.114  | 147.9E6  | 35804561 | 45.622   | 18.164 # |
| 16)                         | A 4,4'-DDD      | 6.082  | 6.989  | 15758874 | 22612946 | 5.229    | 12.592 # |
| 17)                         | MA 4,4'-DDT     | 6.353  | 7.246f | 31822006 | 43878430 | 10.705   | 25.188 # |
| 18)                         | B Endrin al...  | 6.430  | 7.209  | 8697644  | 1143334  | 3.166    | 0.685 #  |
| 19)                         | B Endosulfa...  | 6.622  | 7.409  | 19998063 | 80496261 | 6.096    | 41.303 # |
| 20)                         | A Methoxychlor  | 6.873  | 7.714  | 112.9E6  | 6392955  | 78.921   | 6.732 #  |
| 21)                         | B Endrin ke...  | 7.116  | 7.883  | -473865  | 4889036  | N.D.     | 2.403    |
| 22)                         | Toxaphene-1     | 5.678  | 6.540  | 54206310 | 25366913 | 1698.330 | 1582.637 |
| 23)                         | Toxaphene-2     | 6.275  | 6.836  | 147.9E6  | 27634947 | 1693.491 | 1626.464 |
| 24)                         | Toxaphene-3     | 6.520  | 7.322  | 156.7E6  | 80051961 | 1685.143 | 1637.908 |
| 25)                         | Toxaphene-4     | 6.873  | 7.409  | 112.9E6  | 80496261 | 1635.831 | 1650.147 |
| 26)                         | Toxaphene-5     | 7.004  | 7.831  | 160.5E6  | 60044161 | 1733.425 | 1560.243 |
| -----                       |                 |        |        |          |          |          |          |

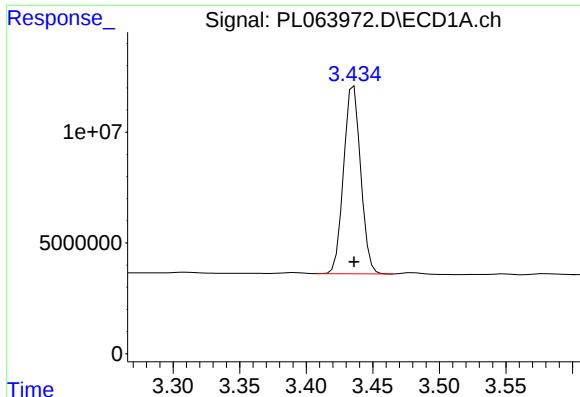
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010721\  
Data File : PL063972.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jan 2021 14:01  
Operator : AR\AJ  
Sample : TOXAPHENE351  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 08 06:53:07 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010721CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 08 05:48:24 2021  
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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

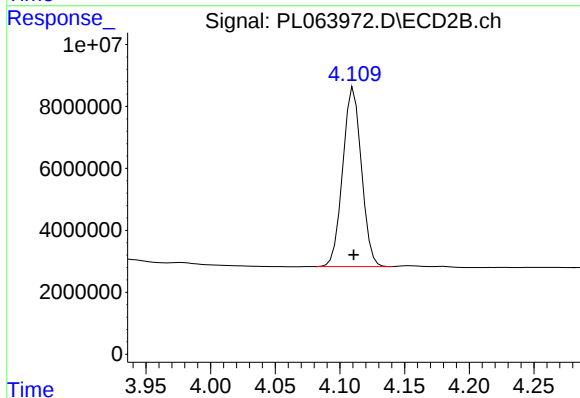




#1 Tetrachloro-m-xylene

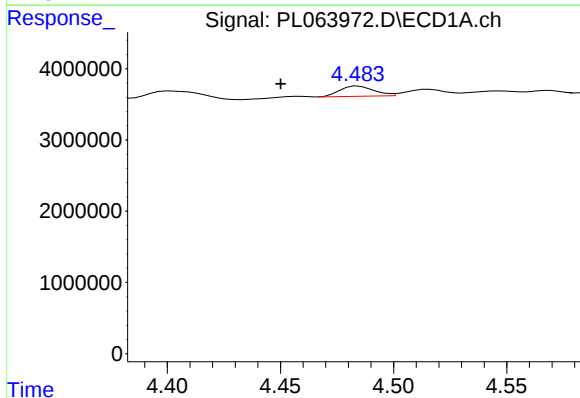
R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 75550135  
Conc: 24.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



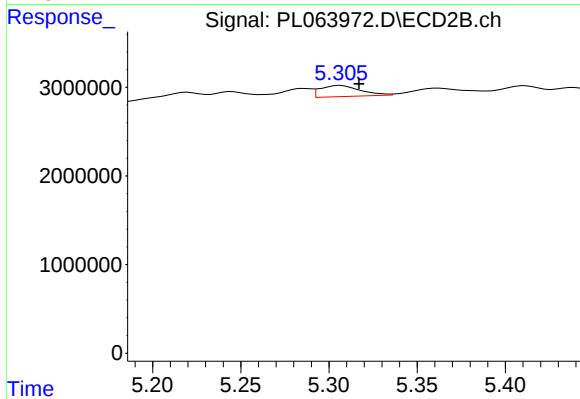
#1 Tetrachloro-m-xylene

R.T.: 4.111 min  
Delta R.T.: 0.000 min  
Response: 58026249  
Conc: 24.13 ng/ml



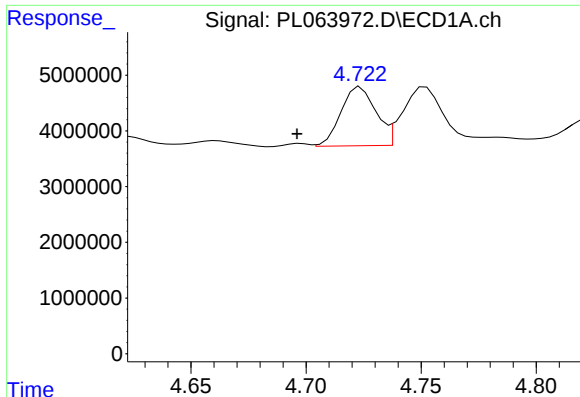
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: 0.034 min  
Response: 1500530  
Conc: 0.34 ng/ml



#4 Heptachlor

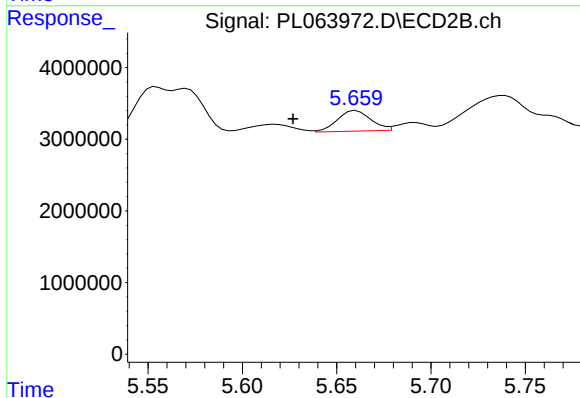
R.T.: 5.307 min  
Delta R.T.: -0.010 min  
Response: 1988882  
Conc: 0.69 ng/ml



#5 Aldrin

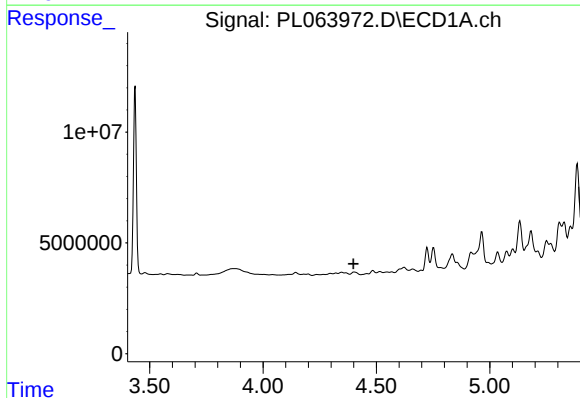
R.T.: 4.724 min  
Delta R.T.: 0.028 min  
Response: 11149544  
Conc: 2.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



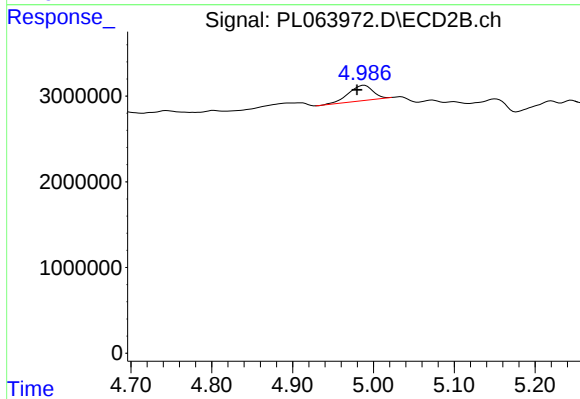
#5 Aldrin

R.T.: 5.660 min  
Delta R.T.: 0.033 min  
Response: 3570340  
Conc: 1.37 ng/ml



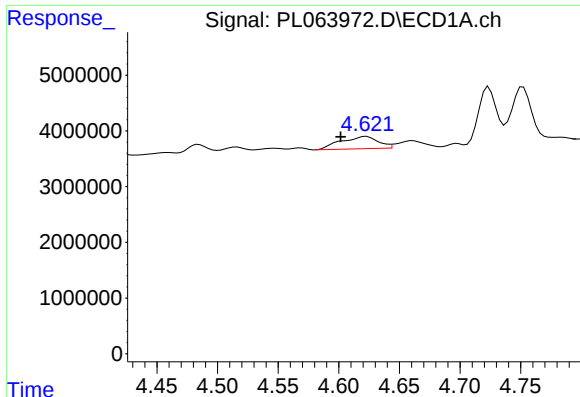
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.399 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

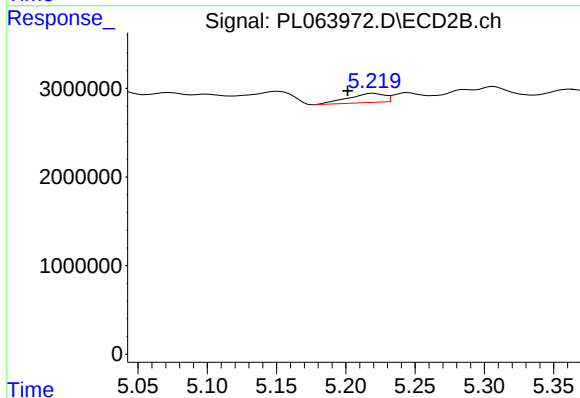
R.T.: 4.989 min  
Delta R.T.: 0.009 min  
Response: 3861252  
Conc: 2.20 ng/ml



#7 delta-BHC

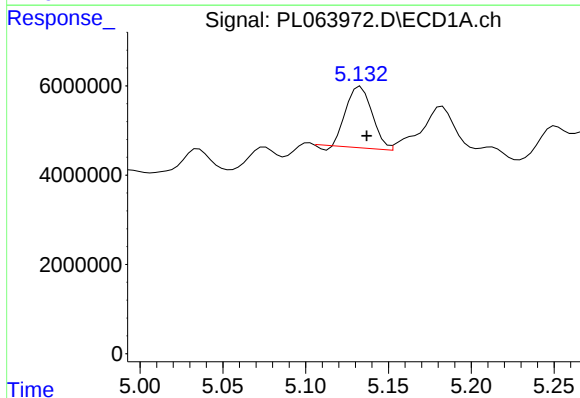
R.T.: 4.623 min  
Delta R.T.: 0.021 min  
Response: 4720875  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



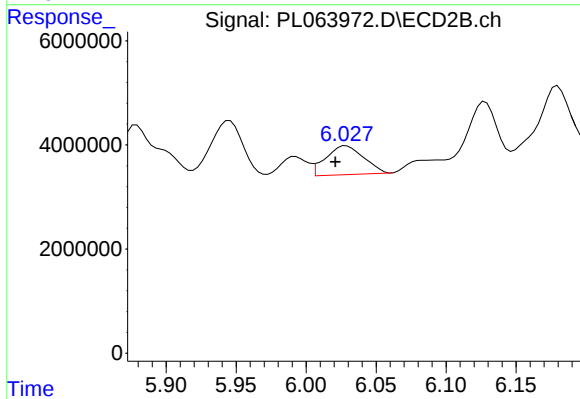
#7 delta-BHC

R.T.: 5.220 min  
Delta R.T.: 0.019 min  
Response: 1878757  
Conc: 0.65 ng/ml



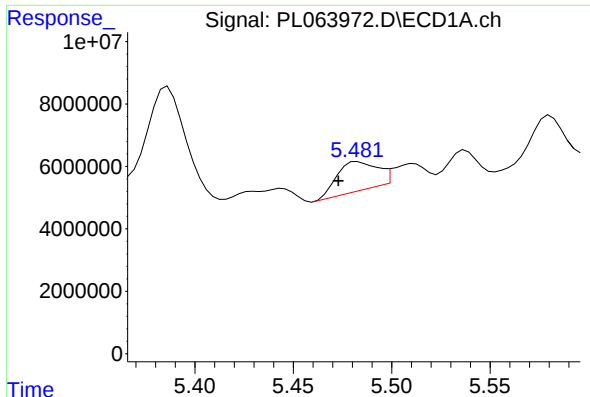
#8 Heptachlor epoxide

R.T.: 5.133 min  
Delta R.T.: -0.004 min  
Response: 14868249  
Conc: 3.81 ng/ml



#8 Heptachlor epoxide

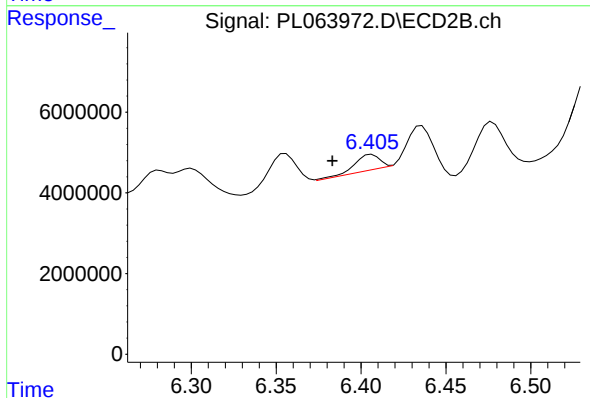
R.T.: 6.028 min  
Delta R.T.: 0.008 min  
Response: 10429164  
Conc: 4.34 ng/ml



#9 Endosulfan I

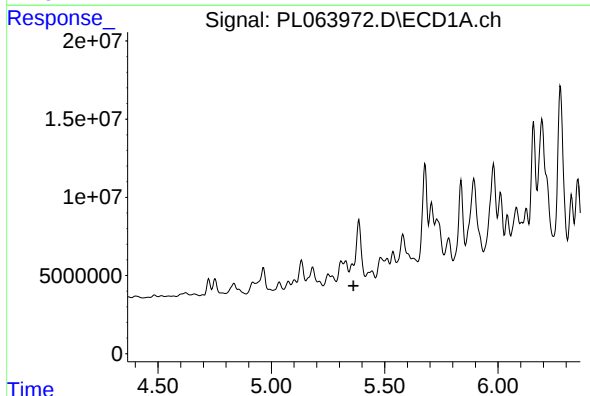
R.T.: 5.483 min  
Delta R.T.: 0.010 min  
Response: 13143576  
Conc: 3.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



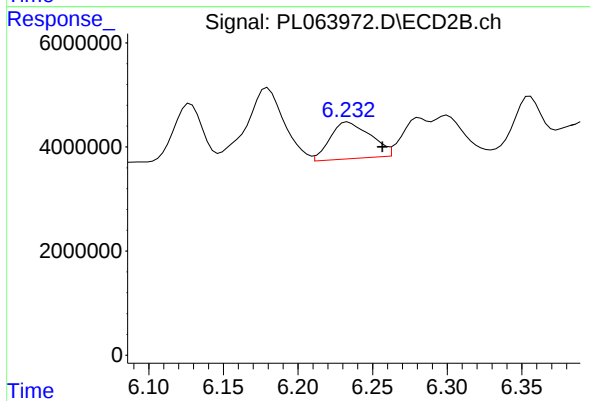
#9 Endosulfan I

R.T.: 6.406 min  
Delta R.T.: 0.023 min  
Response: 3834858  
Conc: 1.71 ng/ml



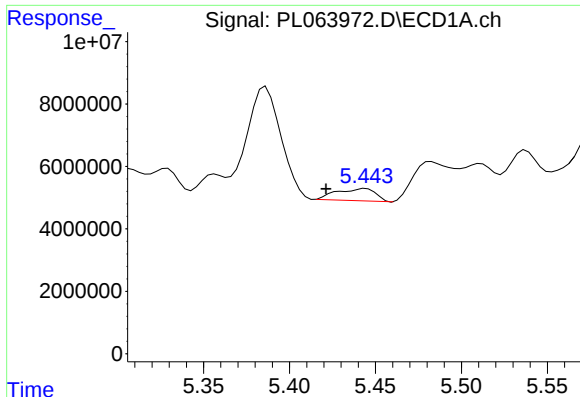
#10 trans-Chlordane

R.T.: 5.357 min  
Delta R.T.: -0.006 min  
Response: -2181343  
Conc: N.D.



#10 trans-Chlordane

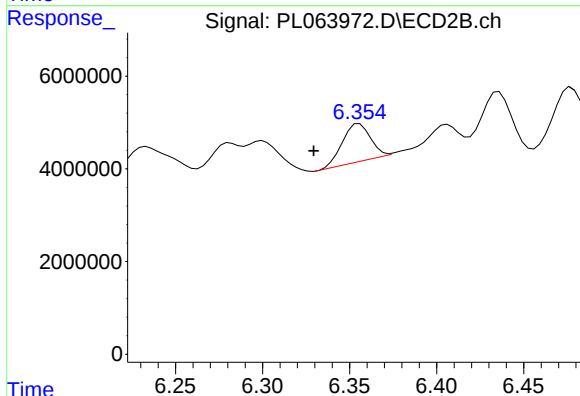
R.T.: 6.234 min  
Delta R.T.: -0.023 min  
Response: 13286224  
Conc: 5.26 ng/ml



#11 cis-Chlordane

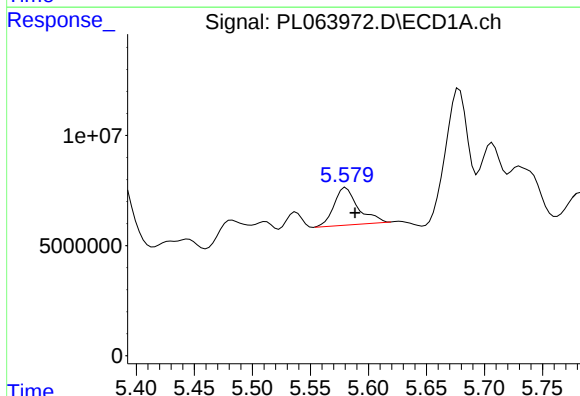
R.T.: 5.445 min  
Delta R.T.: 0.023 min  
Response: 6163884  
Conc: 1.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



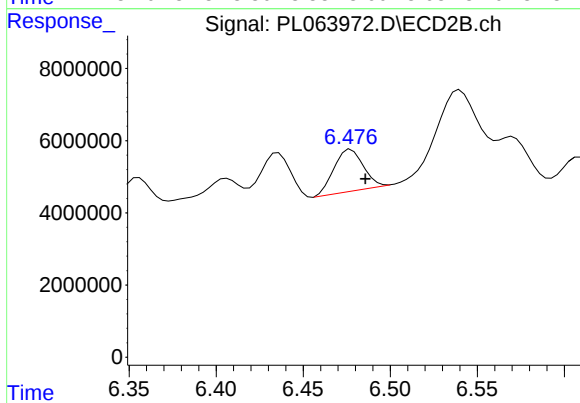
#11 cis-Chlordane

R.T.: 6.356 min  
Delta R.T.: 0.026 min  
Response: 9067576  
Conc: 3.66 ng/ml



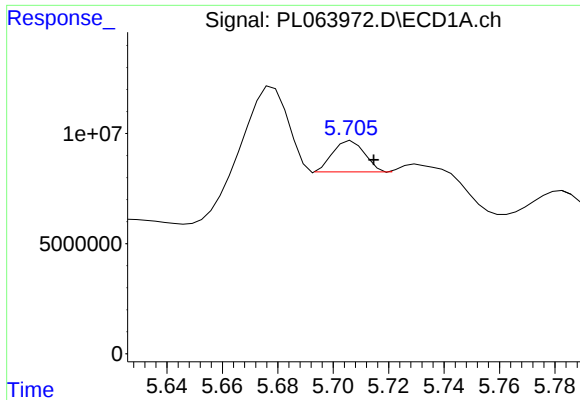
#12 4,4'-DDE

R.T.: 5.581 min  
Delta R.T.: -0.008 min  
Response: 24717771  
Conc: 6.69 ng/ml



#12 4,4'-DDE

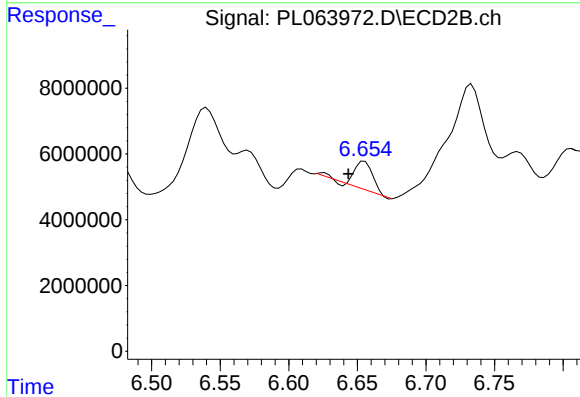
R.T.: 6.478 min  
Delta R.T.: -0.008 min  
Response: 13514726  
Conc: 5.98 ng/ml



#13 Dieldrin

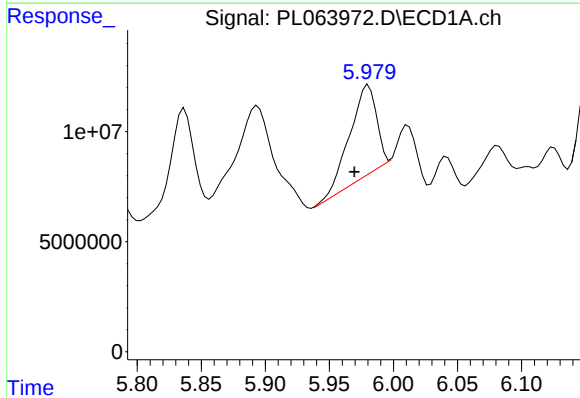
R.T.: 5.707 min  
Delta R.T.: -0.008 min  
Response: 11256769  
Conc: 2.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



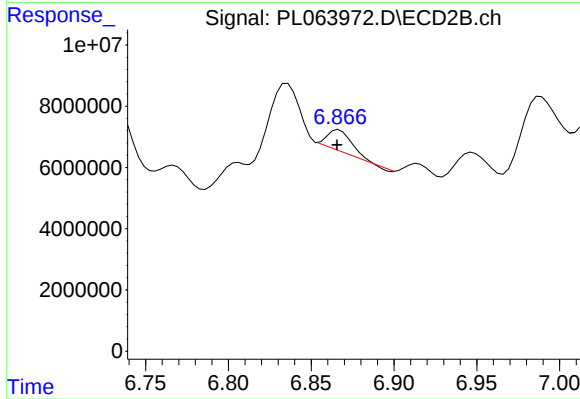
#13 Dieldrin

R.T.: 6.655 min  
Delta R.T.: 0.012 min  
Response: 8122275  
Conc: 3.45 ng/ml



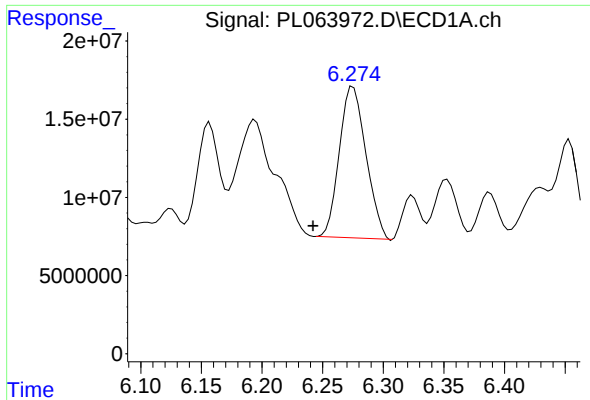
#14 Endrin

R.T.: 5.980 min  
Delta R.T.: 0.011 min  
Response: 58890016  
Conc: 19.08 ng/ml



#14 Endrin

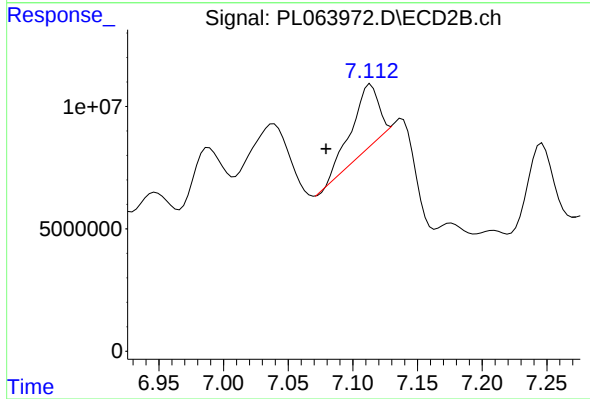
R.T.: 6.867 min  
Delta R.T.: 0.001 min  
Response: 7183154  
Conc: 4.09 ng/ml



#15 Endosulfan II

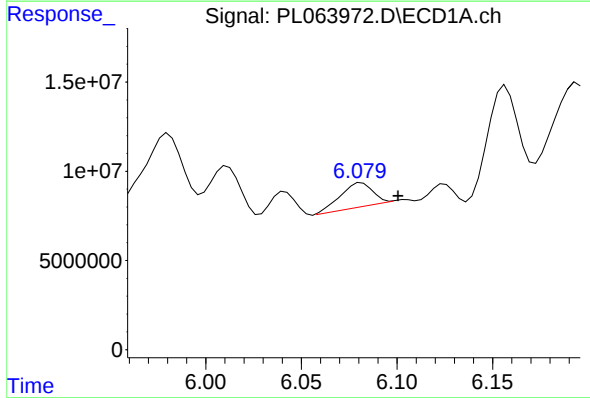
R.T.: 6.275 min  
Delta R.T.: 0.033 min  
Response: 147880198  
Conc: 45.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



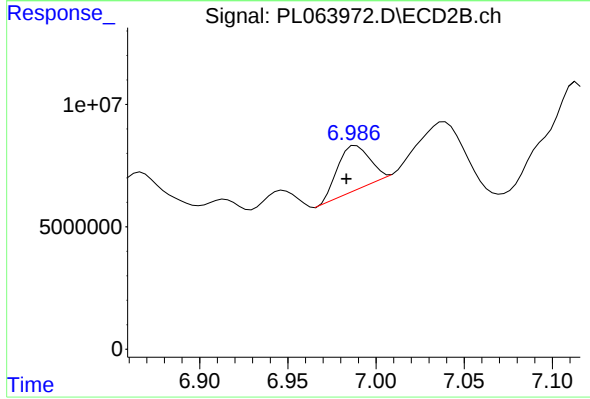
#15 Endosulfan II

R.T.: 7.114 min  
Delta R.T.: 0.034 min  
Response: 35804561  
Conc: 18.16 ng/ml



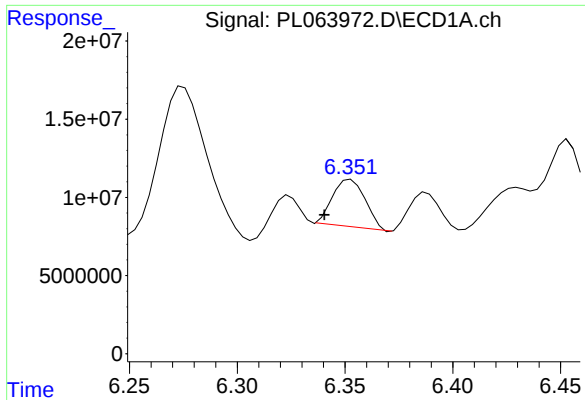
#16 4,4'-DDD

R.T.: 6.082 min  
Delta R.T.: -0.019 min  
Response: 15758874  
Conc: 5.23 ng/ml



#16 4,4'-DDD

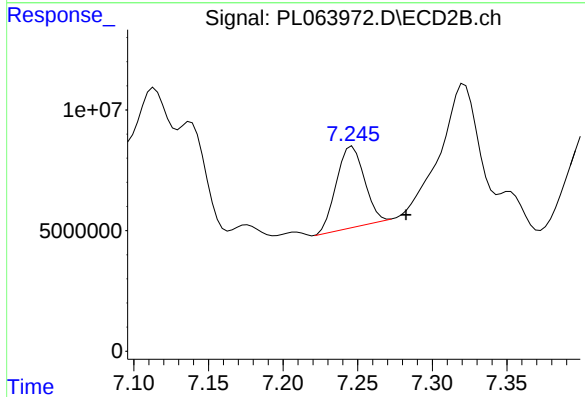
R.T.: 6.989 min  
Delta R.T.: 0.005 min  
Response: 22612946  
Conc: 12.59 ng/ml



#17 4,4'-DDT

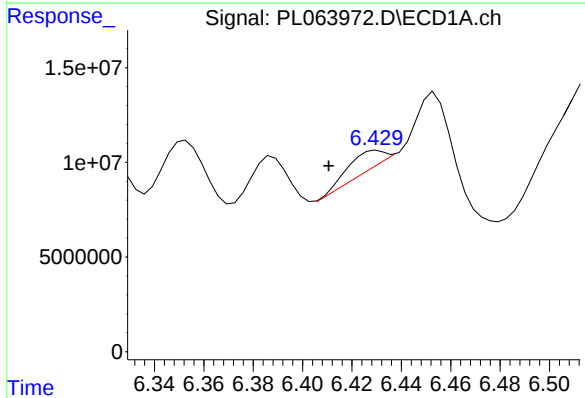
R.T.: 6.353 min  
Delta R.T.: 0.012 min  
Response: 31822006  
Conc: 10.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



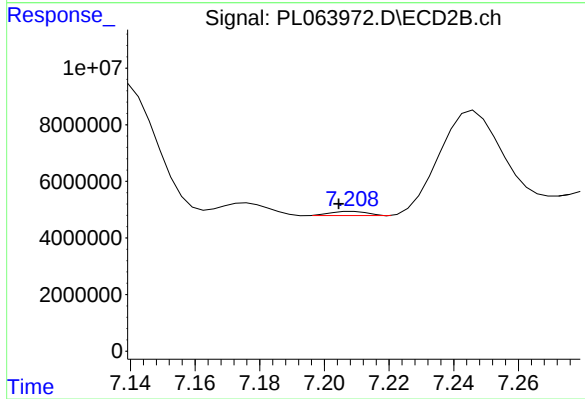
#17 4,4'-DDT

R.T.: 7.246 min  
Delta R.T.: -0.036 min  
Response: 43878430  
Conc: 25.19 ng/ml



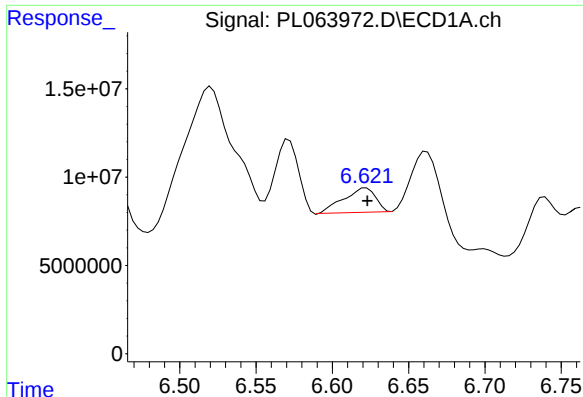
#18 Endrin aldehyde

R.T.: 6.430 min  
Delta R.T.: 0.020 min  
Response: 8697644  
Conc: 3.17 ng/ml



#18 Endrin aldehyde

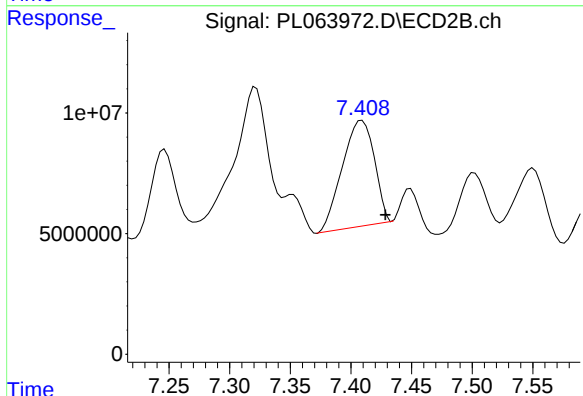
R.T.: 7.209 min  
Delta R.T.: 0.005 min  
Response: 1143334  
Conc: 0.68 ng/ml



#19 Endosulfan Sulfate

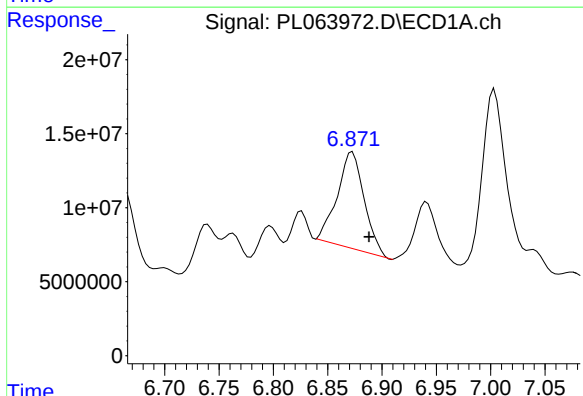
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 19998063  
Conc: 6.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



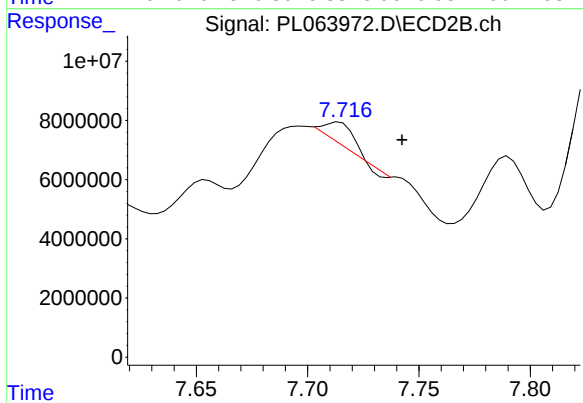
#19 Endosulfan Sulfate

R.T.: 7.409 min  
Delta R.T.: -0.019 min  
Response: 80496261  
Conc: 41.30 ng/ml



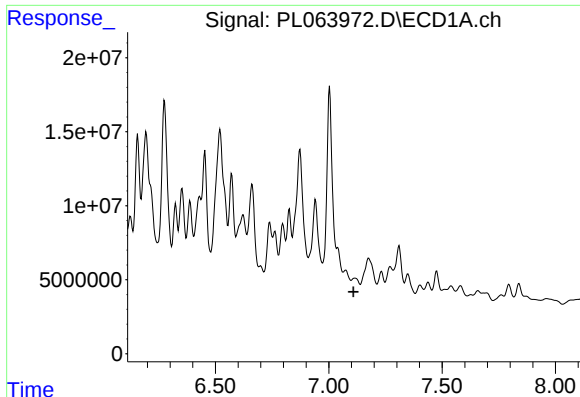
#20 Methoxychlor

R.T.: 6.873 min  
Delta R.T.: -0.015 min  
Response: 112887782  
Conc: 78.92 ng/ml



#20 Methoxychlor

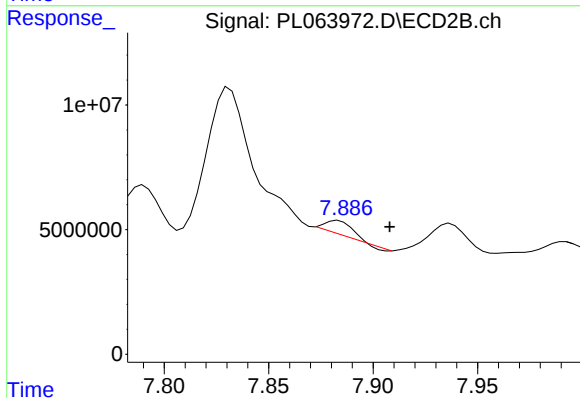
R.T.: 7.714 min  
Delta R.T.: -0.028 min  
Response: 6392955  
Conc: 6.73 ng/ml



#21 Endrin ketone

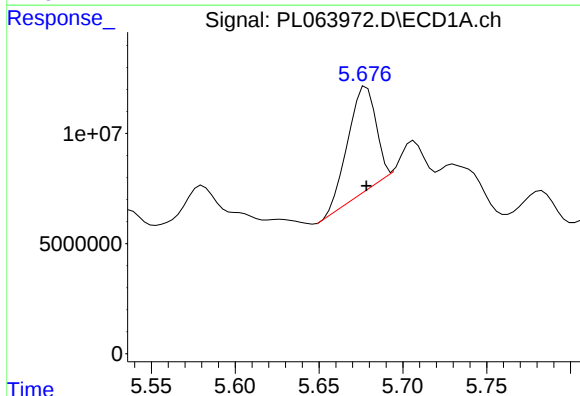
R.T.: 7.116 min  
Delta R.T.: 0.007 min  
Response: -473865  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



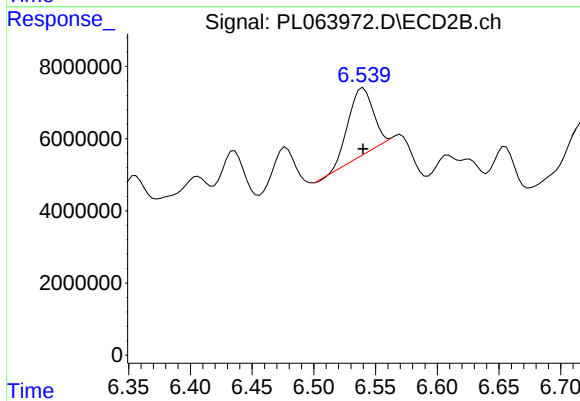
#21 Endrin ketone

R.T.: 7.883 min  
Delta R.T.: -0.025 min  
Response: 4889036  
Conc: 2.40 ng/ml



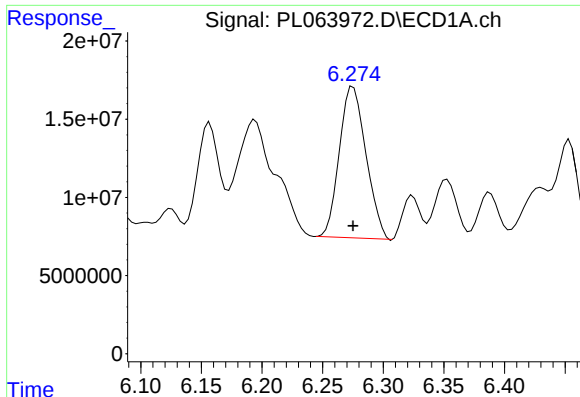
#22 Toxaphene-1

R.T.: 5.678 min  
Delta R.T.: 0.000 min  
Response: 54206310  
Conc: 1698.33 ng/ml



#22 Toxaphene-1

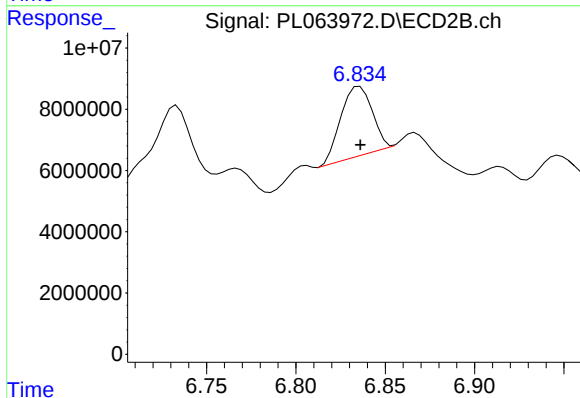
R.T.: 6.540 min  
Delta R.T.: 0.000 min  
Response: 25366913  
Conc: 1582.64 ng/ml



#23 Toxaphene-2

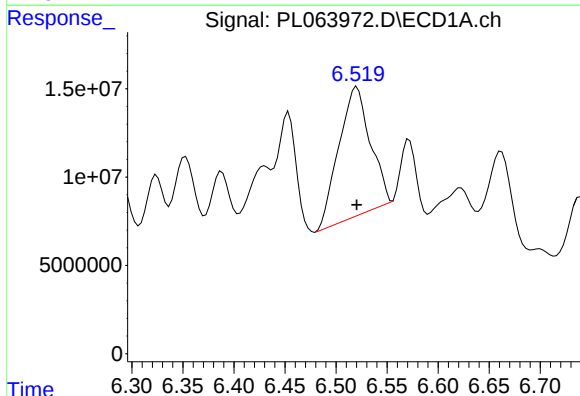
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 147880198  
Conc: 1693.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



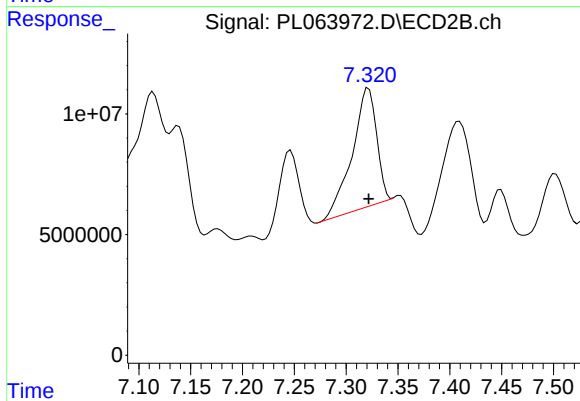
#23 Toxaphene-2

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 27634947  
Conc: 1626.46 ng/ml



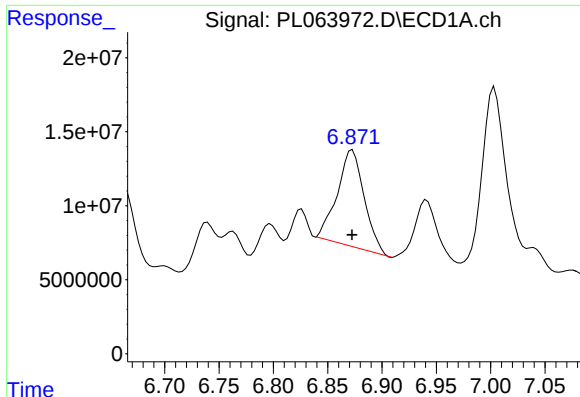
#24 Toxaphene-3

R.T.: 6.520 min  
Delta R.T.: 0.000 min  
Response: 156697338  
Conc: 1685.14 ng/ml



#24 Toxaphene-3

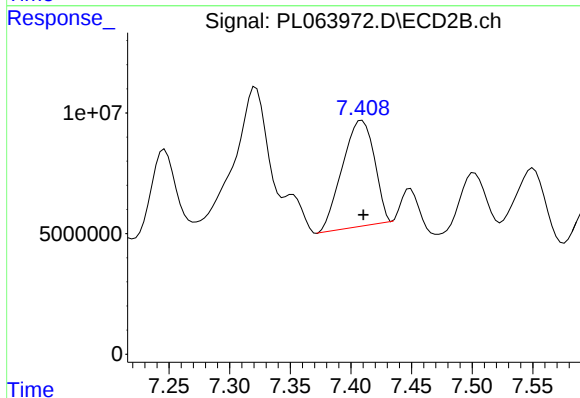
R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 80051961  
Conc: 1637.91 ng/ml



#25 Toxaphene-4

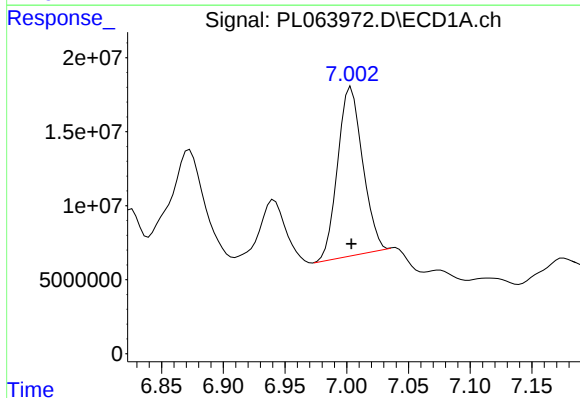
R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 112887782  
Conc: 1635.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



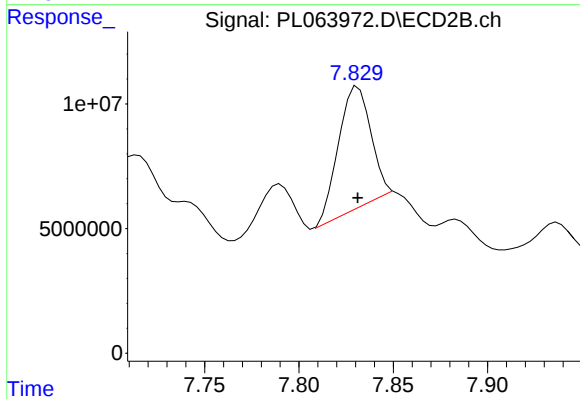
#25 Toxaphene-4

R.T.: 7.409 min  
Delta R.T.: -0.001 min  
Response: 80496261  
Conc: 1650.15 ng/ml



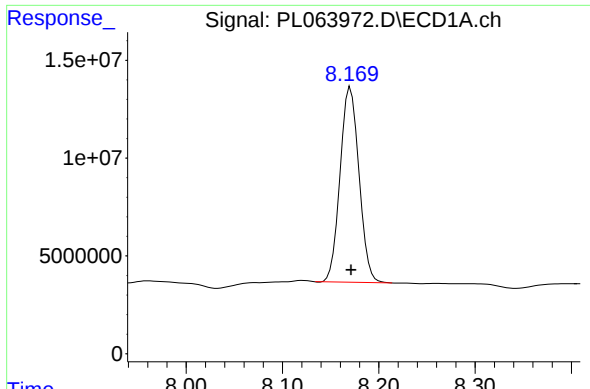
#26 Toxaphene-5

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 160485325  
Conc: 1733.42 ng/ml



#26 Toxaphene-5

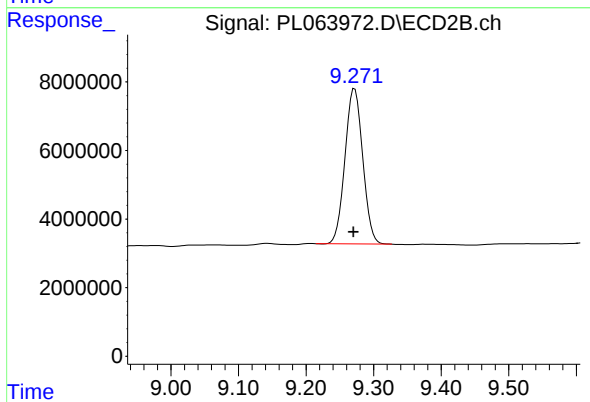
R.T.: 7.831 min  
Delta R.T.: 0.000 min  
Response: 60044161  
Conc: 1560.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.171 min  
Delta R.T.: 0.000 min  
Response: 135793988  
Conc: 44.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.272 min  
Delta R.T.: 0.002 min  
Response: 82521979  
Conc: 44.33 ng/ml