

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101120\  
 Data File : PL062199.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2020 21:46  
 Operator : DD\AJ  
 Sample : TOXAPHENE354  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 08:27:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100920CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 10 05:27:24 2020  
 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

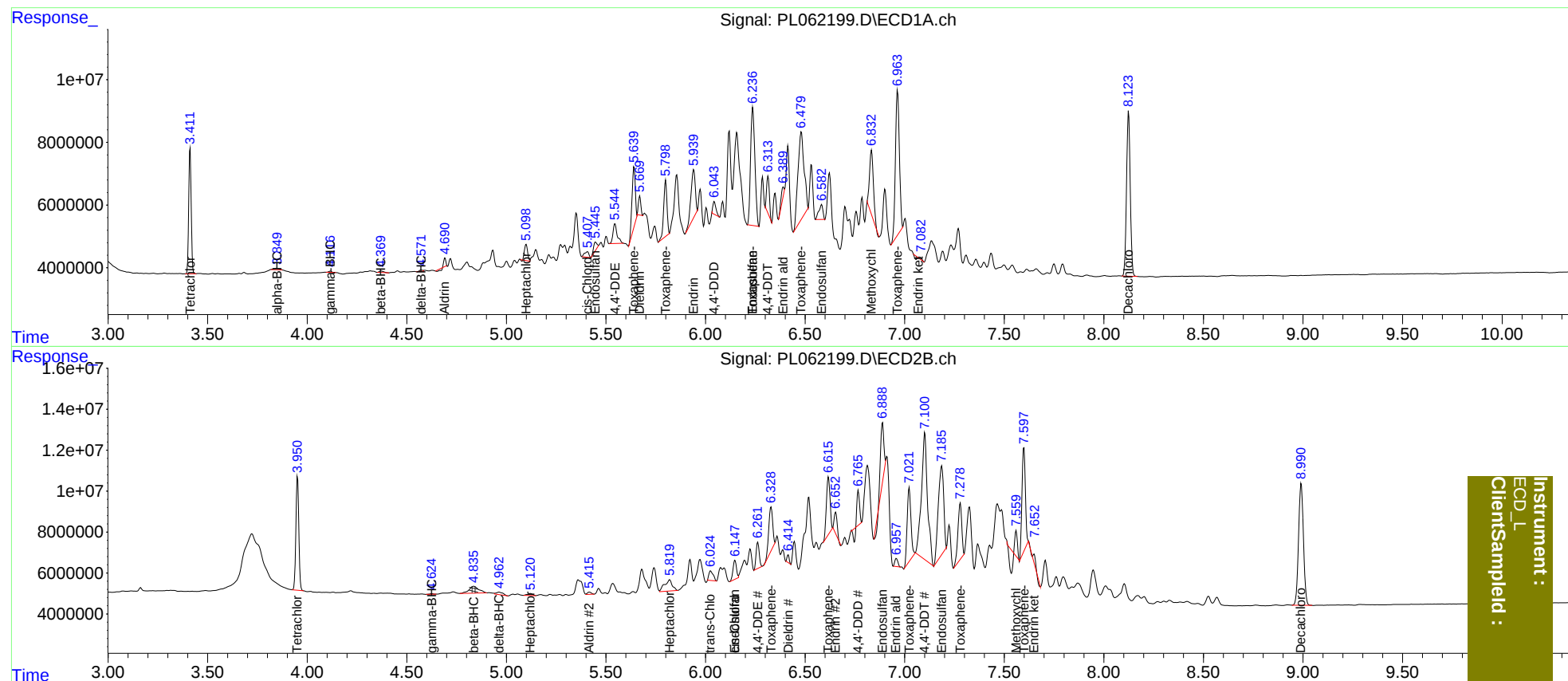
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.412  | 3.951  | 35343289 | 56465678 | 19.821   | 19.812   |
| 27)                         | SA Decachlor... | 8.124  | 8.991  | 68549895 | 101.3E6  | 36.060   | 36.464   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.850  | 4.336  | 946081   | 75349    | 0.387    | <MDL #   |
| 3)                          | MA gamma-BHC... | 4.117  | 4.626  | 376940   | 380673   | 0.167    | 0.102 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.121  | 0        | 1720043  | N.D.     | 0.460    |
| 5)                          | MB Aldrin       | 4.692f | 5.417  | 1368544  | 1544044  | 0.748    | 0.458 #  |
| 6)                          | B beta-BHC      | 4.371  | 4.836f | 718299   | 11380877 | 0.754    | 6.334 #  |
| 7)                          | B delta-BHC     | 4.573  | 4.963f | 467769   | 2850740  | 0.222    | 1.062 #  |
| 8)                          | B Heptachlo...  | 5.099  | 5.820  | 5714156  | 14775659 | 3.273    | 5.174 #  |
| 9)                          | A Endosulfan I  | 5.448  | 6.148  | 2957749  | 11014922 | 1.828    | 3.718 #  |
| 10)                         | B trans-Chl...  | 5.321  | 6.025  | -432968  | 7110158  | N.D.     | 2.329    |
| 11)                         | B cis-Chlor...  | 5.408  | 6.148  | 2660845  | 11014922 | 1.528    | 3.562 #  |
| 12)                         | B 4,4'-DDE      | 5.545  | 6.263  | 9237329  | 14015311 | 5.631    | 4.717    |
| 13)                         | MA Dieldrin     | 5.670  | 6.415  | 5021872  | 2893717  | 2.816    | 0.944 #  |
| 14)                         | MA Endrin       | 5.941  | 6.653  | 22939117 | 11163394 | 14.373   | 4.582 #  |
| 15)                         | B Endosulfa...  | 6.237  | 6.889f | 56461316 | 28326316 | 35.800   | 10.760 # |
| 16)                         | A 4,4'-DDD      | 6.044  | 6.767  | 4353138  | 11293897 | 3.117    | 4.819 #  |
| 17)                         | MA 4,4'-DDT     | 6.314  | 7.101  | 11628525 | 132.3E6  | 8.789    | 58.137 # |
| 18)                         | B Endrin al...  | 6.391  | 6.958  | 2956796  | 4334353  | 2.177    | 1.940    |
| 19)                         | B Endosulfa...  | 6.583  | 7.186  | 6808398  | 81727273 | 4.080    | 30.638 # |
| 20)                         | A Methoxychlor  | 6.834  | 7.560  | 28178877 | 297371   | 34.415   | 0.224 #  |
| 21)                         | B Endrin ke...  | 7.072  | 7.649  | 310965   | 4135820  | 0.183    | 1.589 #  |
| 22)                         | Toxaphene-1     | 5.641  | 6.329  | 21314261 | 29265364 | 2009.318 | 2144.722 |
| 23)                         | Toxaphene-2     | 5.800  | 6.617  | 20462765 | 35721416 | 2298.033 | 1952.879 |
| 24)                         | Toxaphene-3     | 6.237  | 7.023  | 56461316 | 47460760 | 1979.634 | 2007.519 |
| 25)                         | Toxaphene-4     | 6.481  | 7.279  | 59349848 | 36755336 | 1980.426 | 2010.073 |
| 26)                         | Toxaphene-5     | 6.964  | 7.599  | 63694188 | 61586242 | 2053.718 | 1939.312 |
| -----                       |                 |        |        |          |          |          |          |

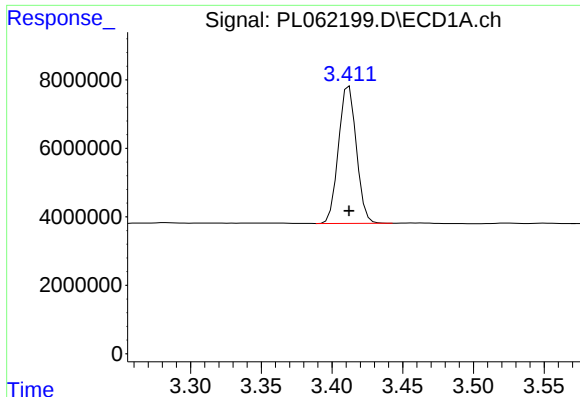
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101120\  
Data File : PL062199.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Oct 2020 21:46  
Operator : DD\AJ  
Sample : TOXAPHENE354  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 08:27:26 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100920CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 10 05:27:24 2020  
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

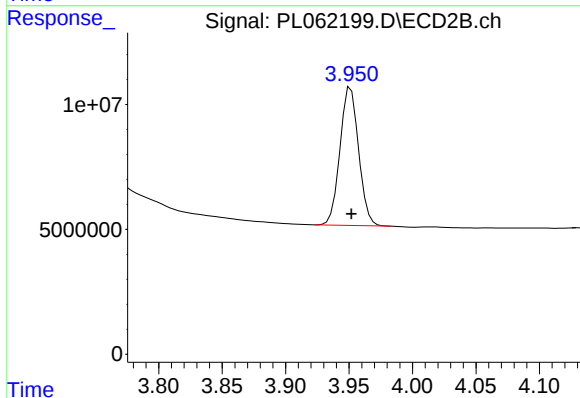




#1 Tetrachloro-m-xylene

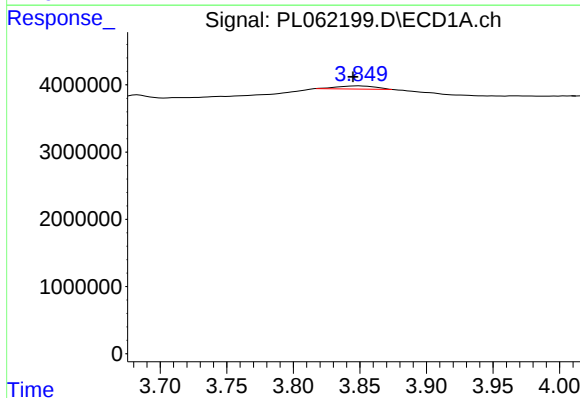
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 35343289  
Conc: 19.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



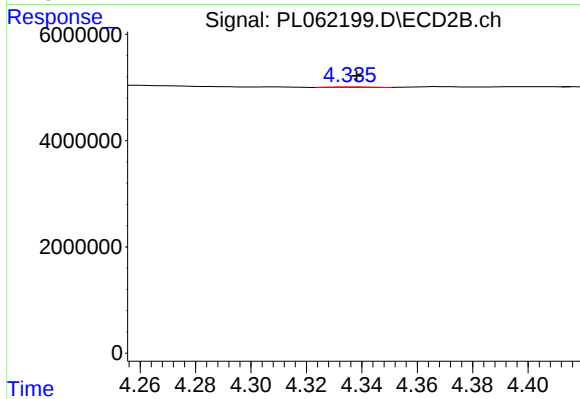
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 56465678  
Conc: 19.81 ng/ml



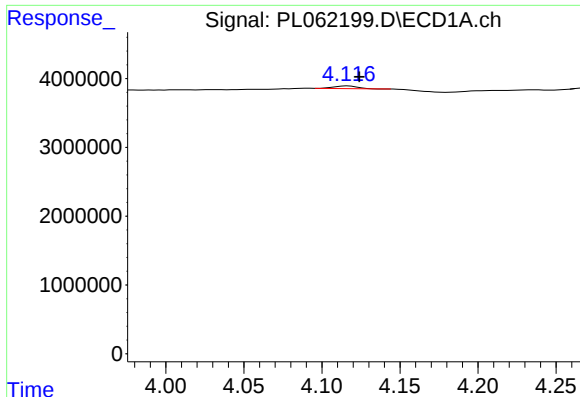
#2 alpha-BHC

R.T.: 3.850 min  
Delta R.T.: 0.005 min  
Response: 946081  
Conc: 0.39 ng/ml



#2 alpha-BHC

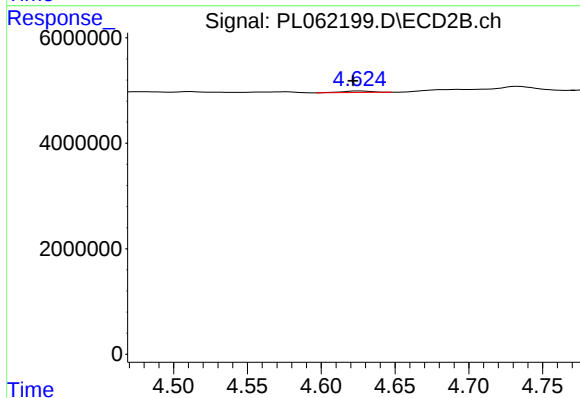
R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 75349  
Conc: N.D.



#3 gamma-BHC (Lindane)

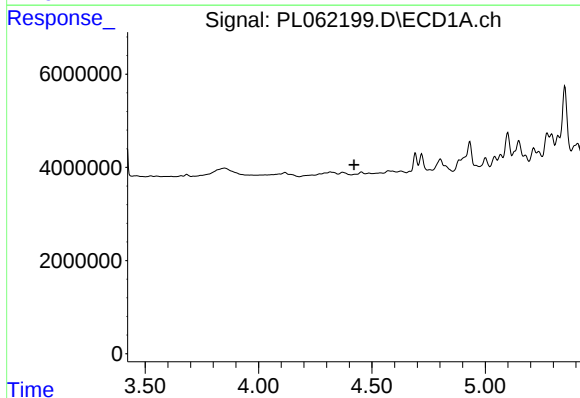
R.T.: 4.117 min  
Delta R.T.: -0.007 min  
Response: 376940  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



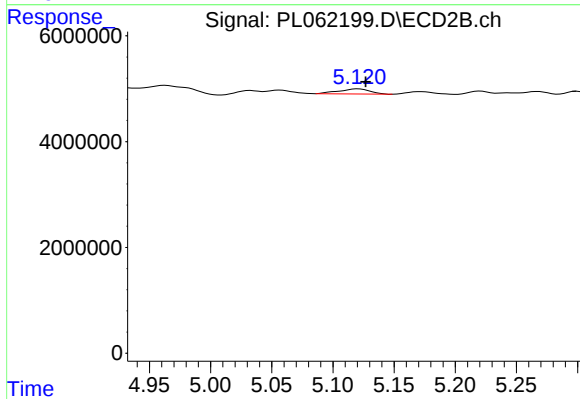
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: 0.004 min  
Response: 380673  
Conc: 0.10 ng/ml



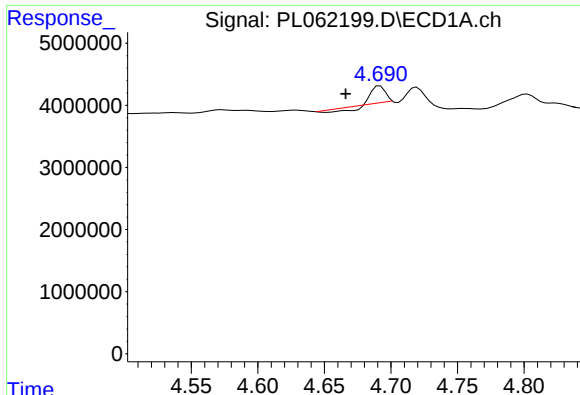
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.421 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

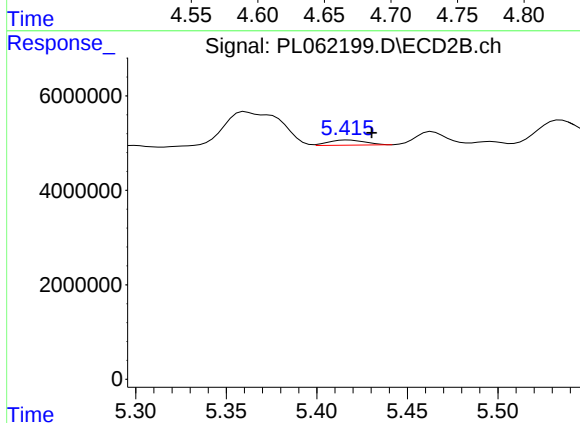
R.T.: 5.121 min  
Delta R.T.: -0.006 min  
Response: 1720043  
Conc: 0.46 ng/ml



#5 Aldrin

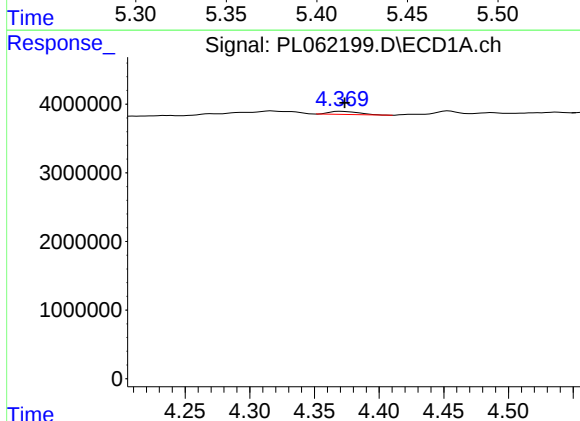
R.T.: 4.692 min  
Delta R.T.: 0.026 min  
Response: 1368544  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



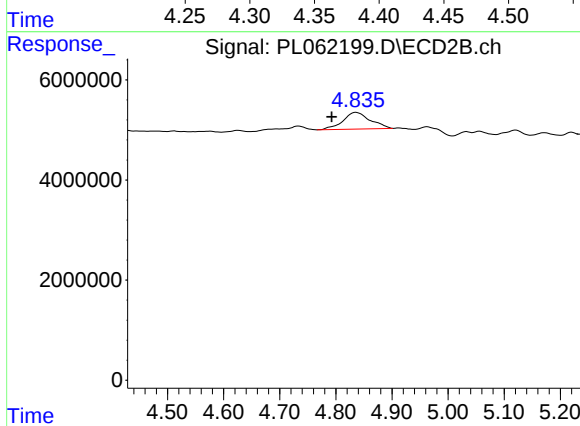
#5 Aldrin

R.T.: 5.417 min  
Delta R.T.: -0.013 min  
Response: 1544044  
Conc: 0.46 ng/ml



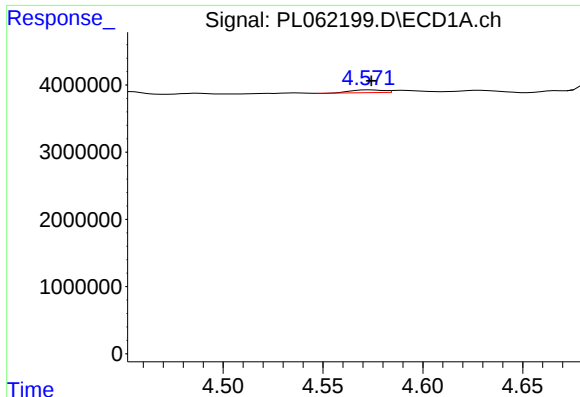
#6 beta-BHC

R.T.: 4.371 min  
Delta R.T.: -0.003 min  
Response: 718299  
Conc: 0.75 ng/ml



#6 beta-BHC

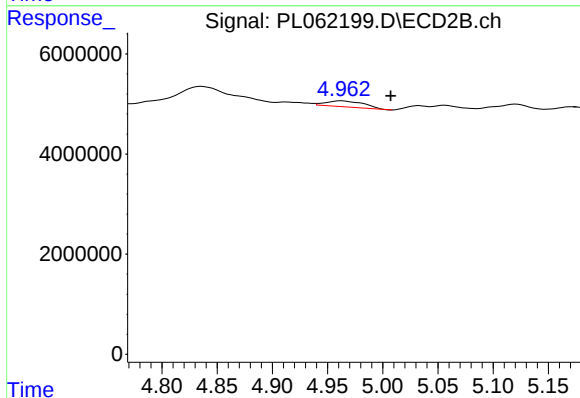
R.T.: 4.836 min  
Delta R.T.: 0.044 min  
Response: 11380877  
Conc: 6.33 ng/ml



#7 delta-BHC

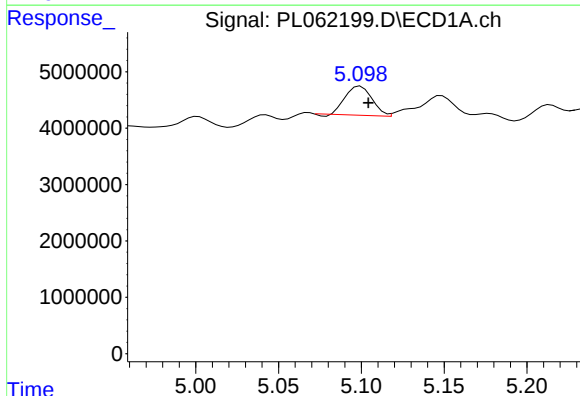
R.T.: 4.573 min  
Delta R.T.: -0.001 min  
Response: 467769  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



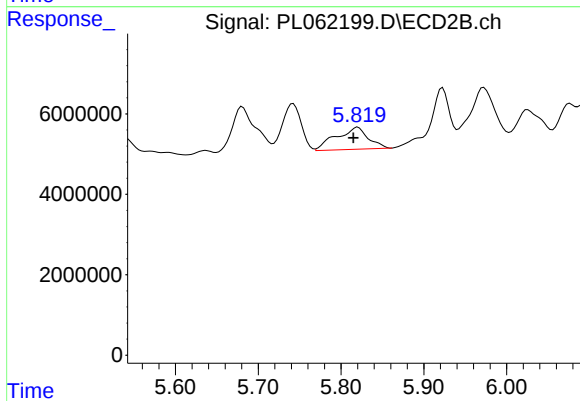
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: -0.044 min  
Response: 2850740  
Conc: 1.06 ng/ml



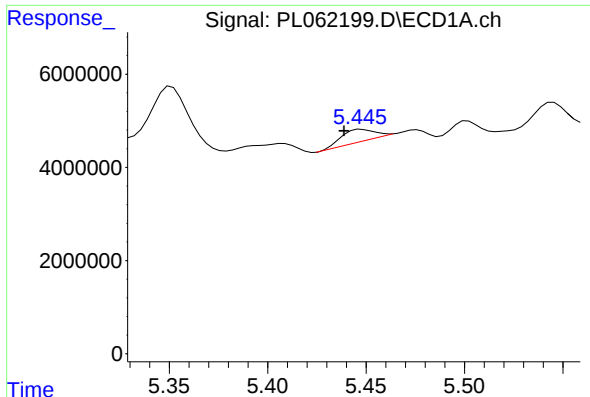
#8 Heptachlor epoxide

R.T.: 5.099 min  
Delta R.T.: -0.005 min  
Response: 5714156  
Conc: 3.27 ng/ml



#8 Heptachlor epoxide

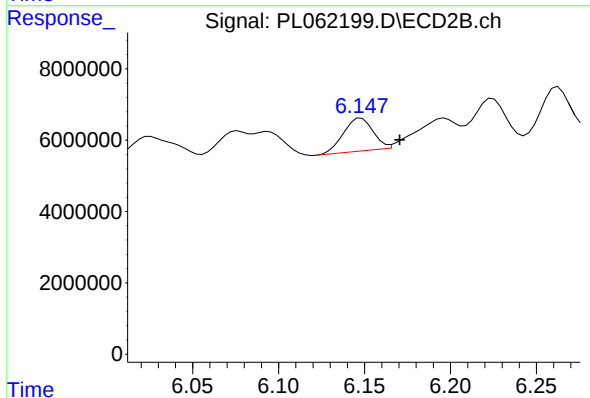
R.T.: 5.820 min  
Delta R.T.: 0.005 min  
Response: 14775659  
Conc: 5.17 ng/ml



#9 Endosulfan I

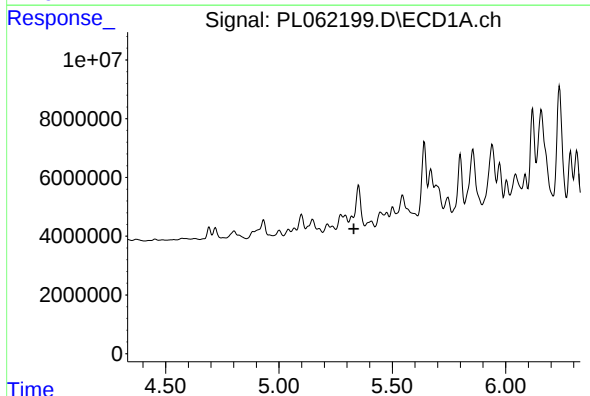
R.T.: 5.448 min  
Delta R.T.: 0.009 min  
Response: 2957749  
Conc: 1.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



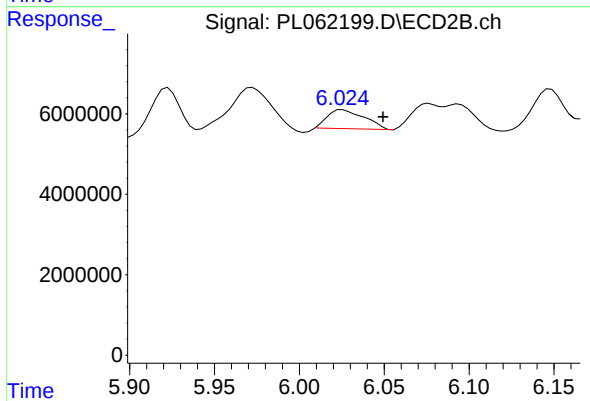
#9 Endosulfan I

R.T.: 6.148 min  
Delta R.T.: -0.022 min  
Response: 11014922  
Conc: 3.72 ng/ml



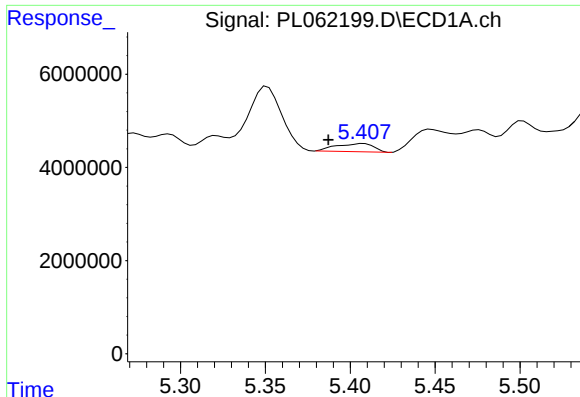
#10 trans-Chlordane

R.T.: 5.321 min  
Delta R.T.: -0.008 min  
Response: -432968  
Conc: N.D.



#10 trans-Chlordane

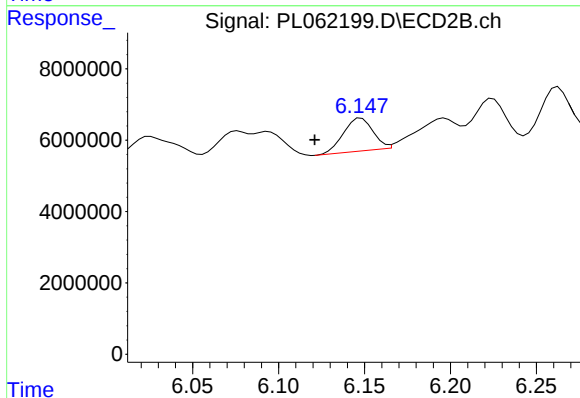
R.T.: 6.025 min  
Delta R.T.: -0.024 min  
Response: 7110158  
Conc: 2.33 ng/ml



#11 cis-Chlordane

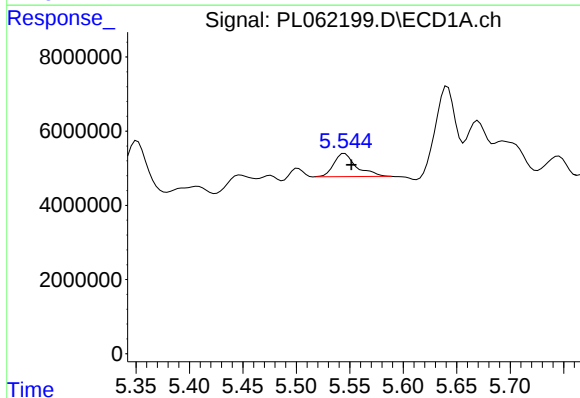
R.T.: 5.408 min  
Delta R.T.: 0.021 min  
Response: 2660845  
Conc: 1.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



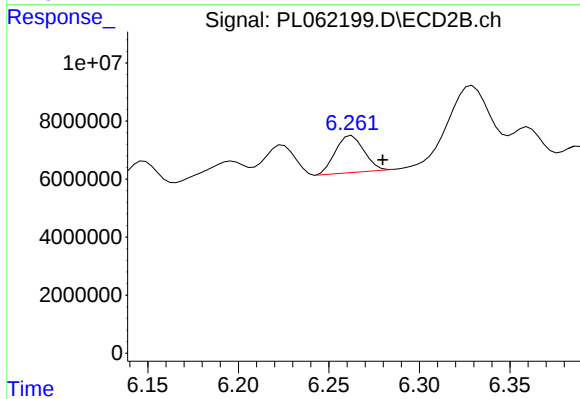
#11 cis-Chlordane

R.T.: 6.148 min  
Delta R.T.: 0.027 min  
Response: 11014922  
Conc: 3.56 ng/ml



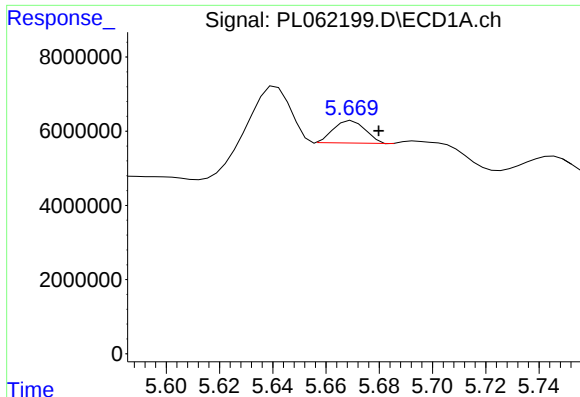
#12 4,4'-DDE

R.T.: 5.545 min  
Delta R.T.: -0.006 min  
Response: 9237329  
Conc: 5.63 ng/ml



#12 4,4'-DDE

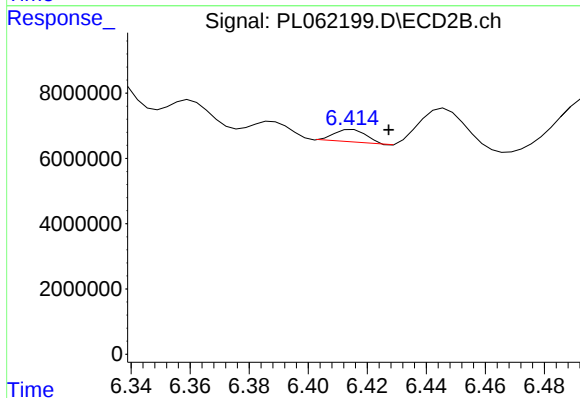
R.T.: 6.263 min  
Delta R.T.: -0.017 min  
Response: 14015311  
Conc: 4.72 ng/ml



#13 Dieldrin

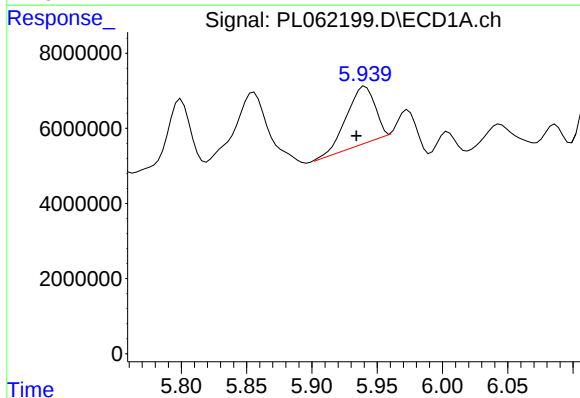
R.T.: 5.670 min  
Delta R.T.: -0.010 min  
Response: 5021872  
Conc: 2.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



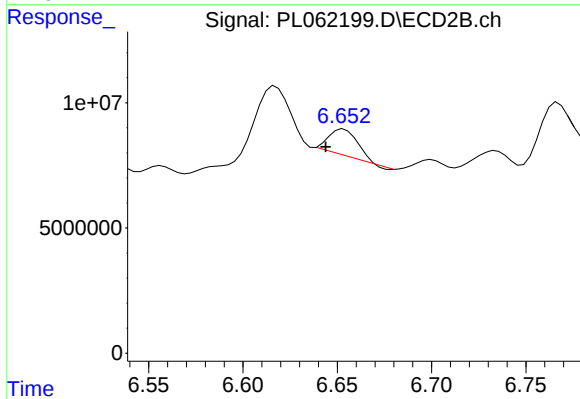
#13 Dieldrin

R.T.: 6.415 min  
Delta R.T.: -0.012 min  
Response: 2893717  
Conc: 0.94 ng/ml



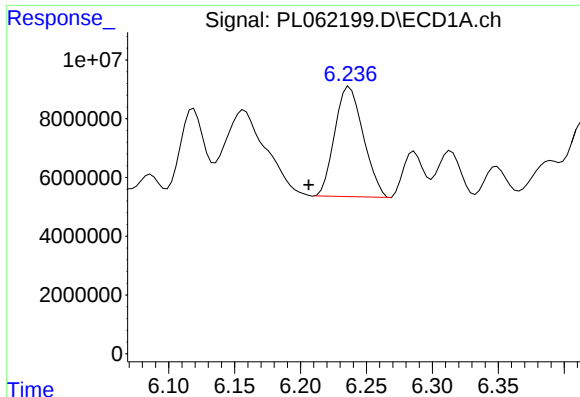
#14 Endrin

R.T.: 5.941 min  
Delta R.T.: 0.007 min  
Response: 22939117  
Conc: 14.37 ng/ml



#14 Endrin

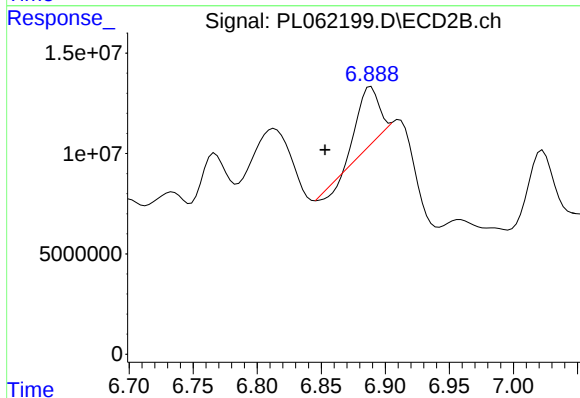
R.T.: 6.653 min  
Delta R.T.: 0.009 min  
Response: 11163394  
Conc: 4.58 ng/ml



#15 Endosulfan II

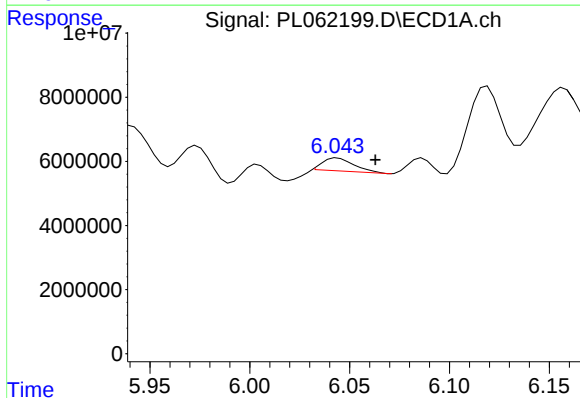
R.T.: 6.237 min  
Delta R.T.: 0.031 min  
Response: 56461316  
Conc: 35.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



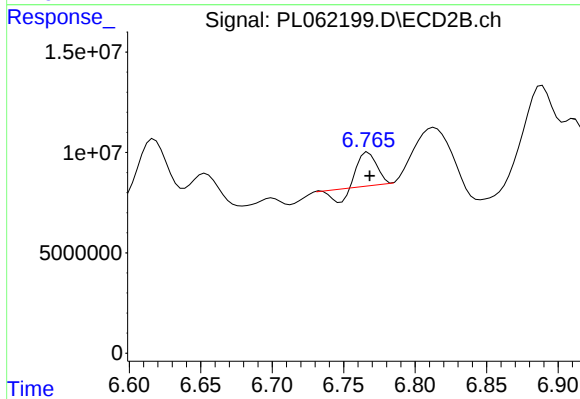
#15 Endosulfan II

R.T.: 6.889 min  
Delta R.T.: 0.036 min  
Response: 28326316  
Conc: 10.76 ng/ml



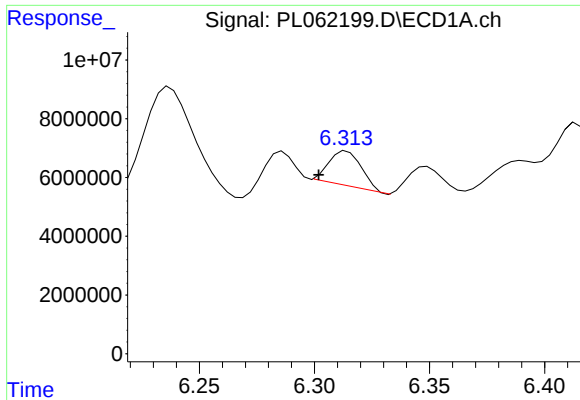
#16 4,4'-DDD

R.T.: 6.044 min  
Delta R.T.: -0.019 min  
Response: 4353138  
Conc: 3.12 ng/ml



#16 4,4'-DDD

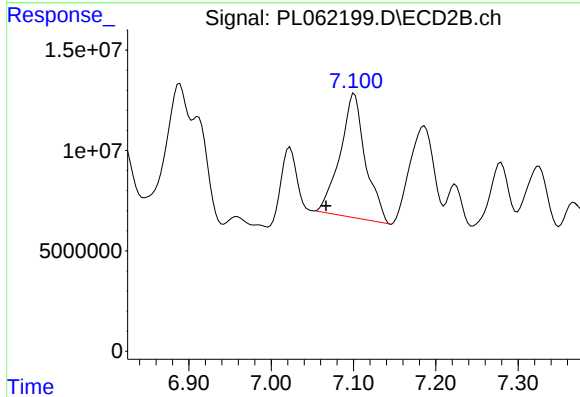
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 11293897  
Conc: 4.82 ng/ml



#17 4,4'-DDT

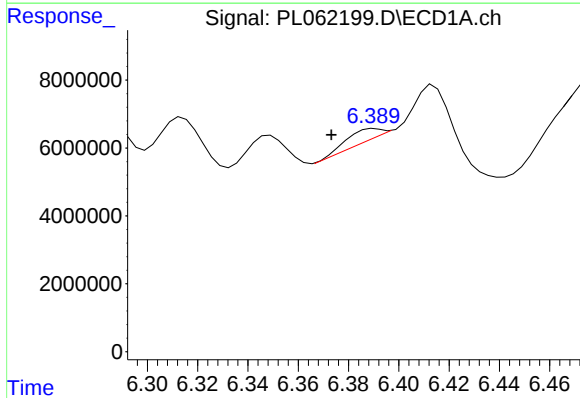
R.T.: 6.314 min  
Delta R.T.: 0.012 min  
Response: 11628525  
Conc: 8.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



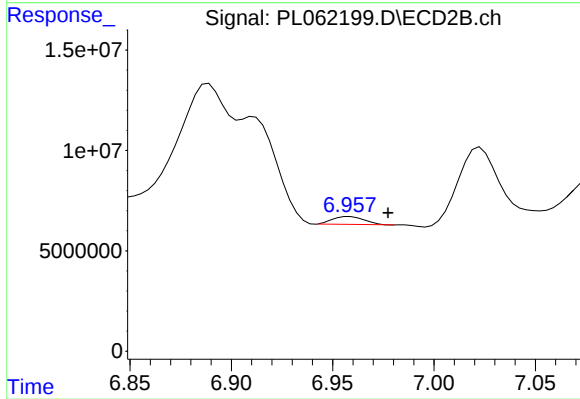
#17 4,4'-DDT

R.T.: 7.101 min  
Delta R.T.: 0.034 min  
Response: 132342730  
Conc: 58.14 ng/ml



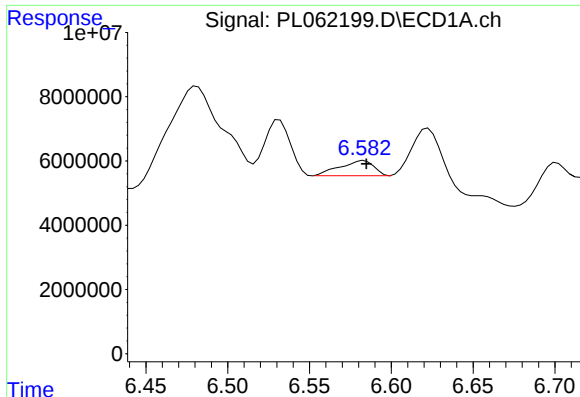
#18 Endrin aldehyde

R.T.: 6.391 min  
Delta R.T.: 0.018 min  
Response: 2956796  
Conc: 2.18 ng/ml



#18 Endrin aldehyde

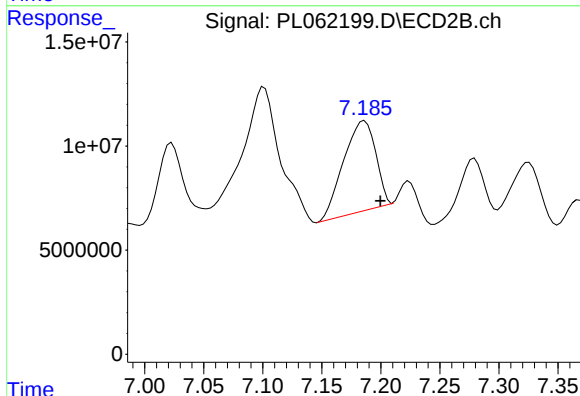
R.T.: 6.958 min  
Delta R.T.: -0.019 min  
Response: 4334353  
Conc: 1.94 ng/ml



#19 Endosulfan Sulfate

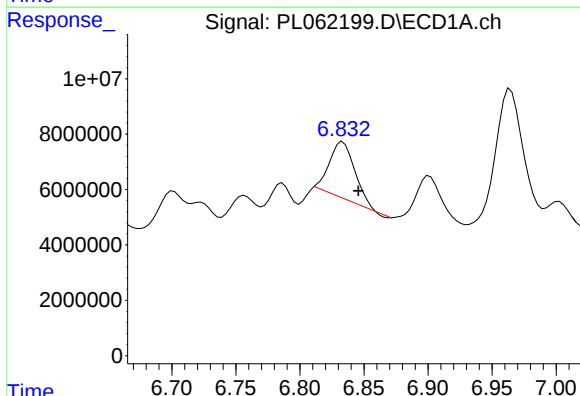
R.T.: 6.583 min  
Delta R.T.: -0.002 min  
Response: 6808398  
Conc: 4.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



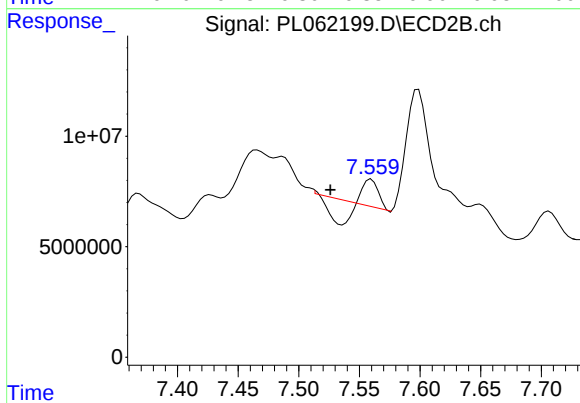
#19 Endosulfan Sulfate

R.T.: 7.186 min  
Delta R.T.: -0.013 min  
Response: 81727273  
Conc: 30.64 ng/ml



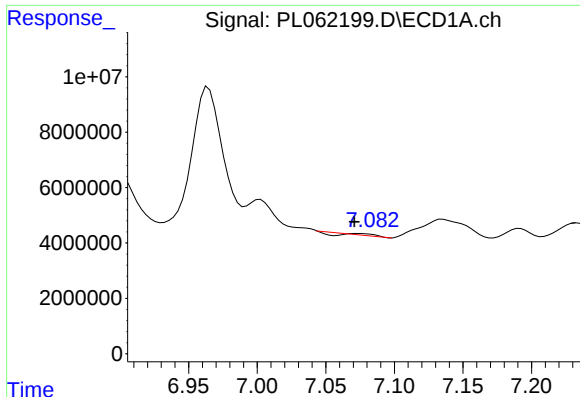
#20 Methoxychlor

R.T.: 6.834 min  
Delta R.T.: -0.012 min  
Response: 28178877  
Conc: 34.42 ng/ml



#20 Methoxychlor

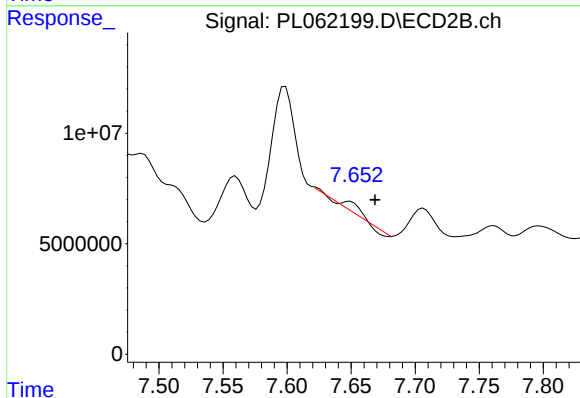
R.T.: 7.560 min  
Delta R.T.: 0.034 min  
Response: 297371  
Conc: 0.22 ng/ml



#21 Endrin ketone

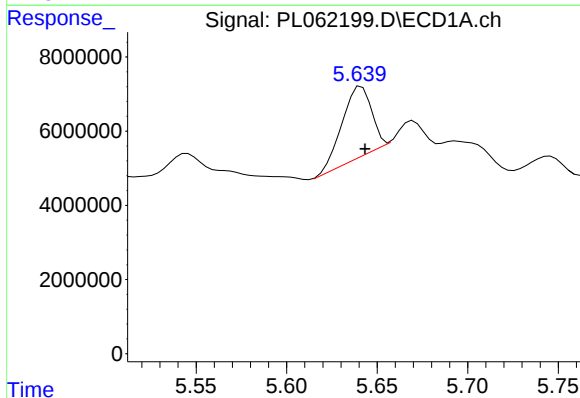
R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 310965  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



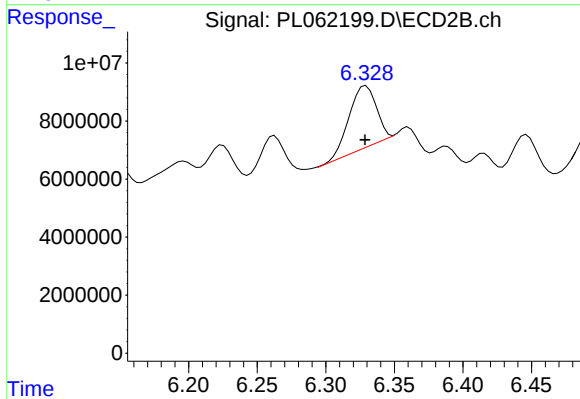
#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: -0.019 min  
Response: 4135820  
Conc: 1.59 ng/ml



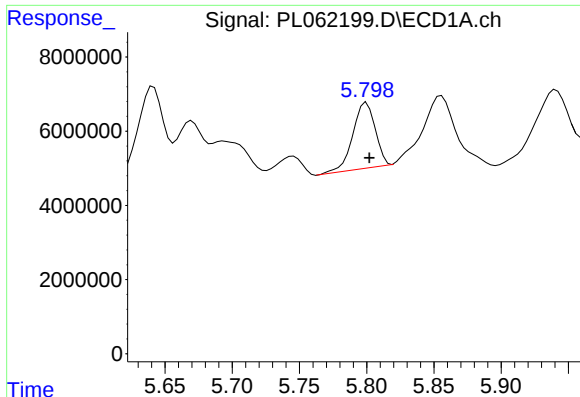
#22 Toxaphene-1

R.T.: 5.641 min  
Delta R.T.: -0.002 min  
Response: 21314261  
Conc: 2009.32 ng/ml



#22 Toxaphene-1

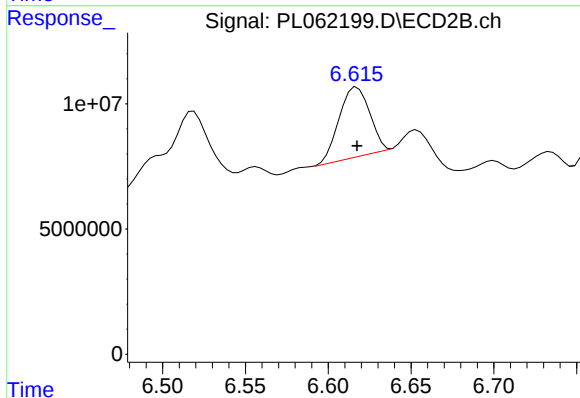
R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 29265364  
Conc: 2144.72 ng/ml



#23 Toxaphene-2

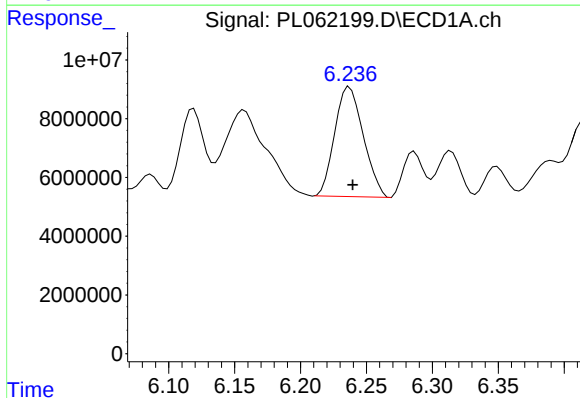
R.T.: 5.800 min  
Delta R.T.: -0.002 min  
Response: 20462765  
Conc: 2298.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



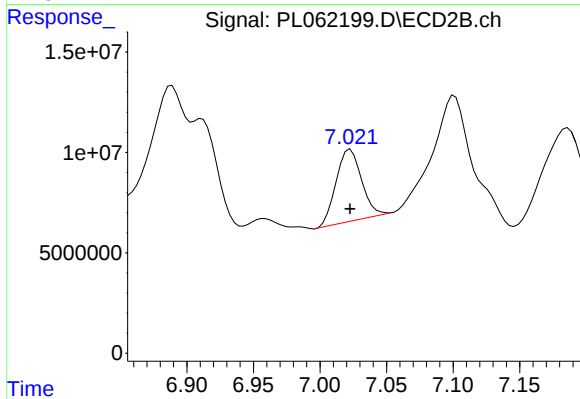
#23 Toxaphene-2

R.T.: 6.617 min  
Delta R.T.: 0.000 min  
Response: 35721416  
Conc: 1952.88 ng/ml



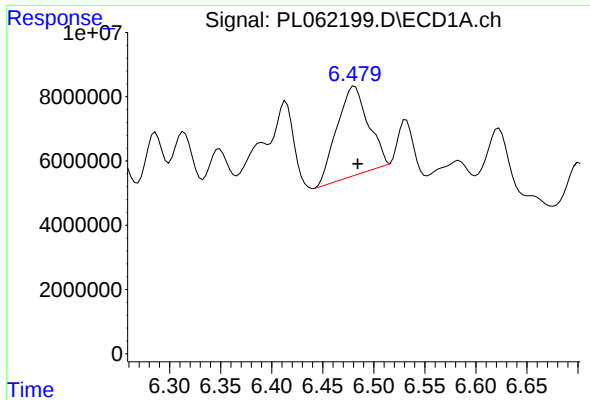
#24 Toxaphene-3

R.T.: 6.237 min  
Delta R.T.: -0.002 min  
Response: 56461316  
Conc: 1979.63 ng/ml



#24 Toxaphene-3

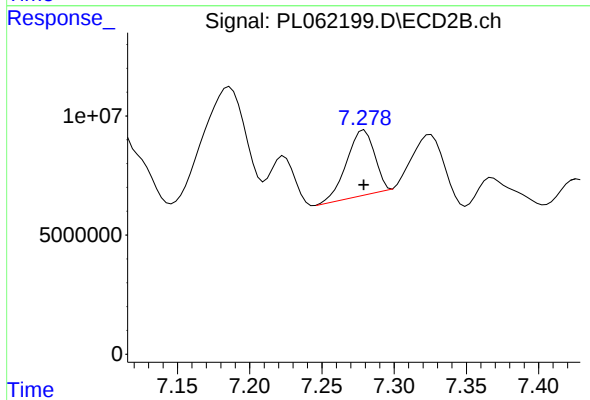
R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 47460760  
Conc: 2007.52 ng/ml



#25 Toxaphene-4

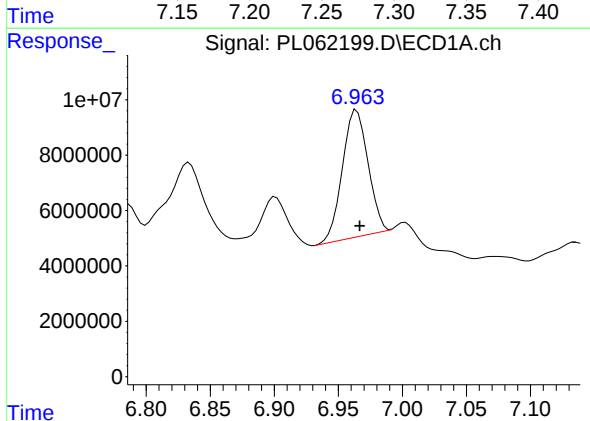
R.T.: 6.481 min  
Delta R.T.: -0.003 min  
Response: 59349848  
Conc: 1980.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



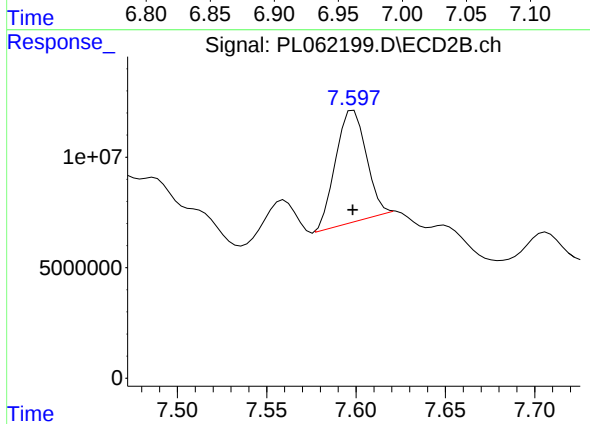
#25 Toxaphene-4

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 36755336  
Conc: 2010.07 ng/ml



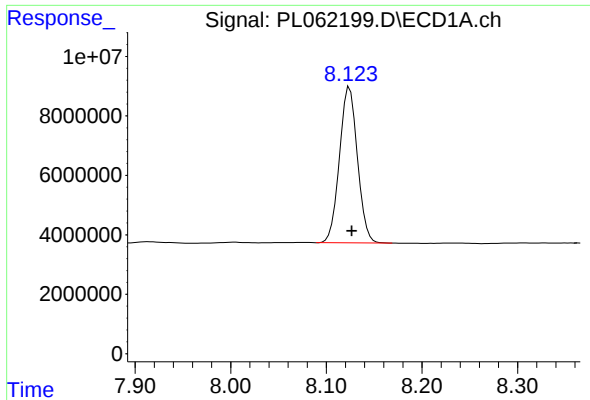
#26 Toxaphene-5

R.T.: 6.964 min  
Delta R.T.: -0.002 min  
Response: 63694188  
Conc: 2053.72 ng/ml



#26 Toxaphene-5

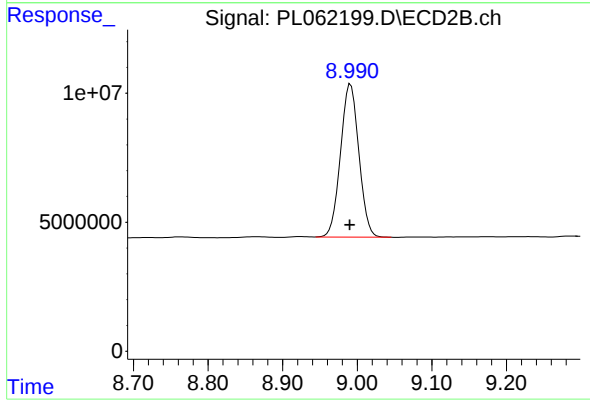
R.T.: 7.599 min  
Delta R.T.: 0.000 min  
Response: 61586242  
Conc: 1939.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: -0.002 min  
Response: 68549895  
Conc: 36.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.001 min  
Response: 101338486  
Conc: 36.46 ng/ml