

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072122\  
 Data File : PL076549.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2022 16:14  
 Operator : AR\AJ  
 Sample : N3670-03  
 Misc : PEST MDL 1 PPB  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 22 03:06:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072122CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 21 14:14:01 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

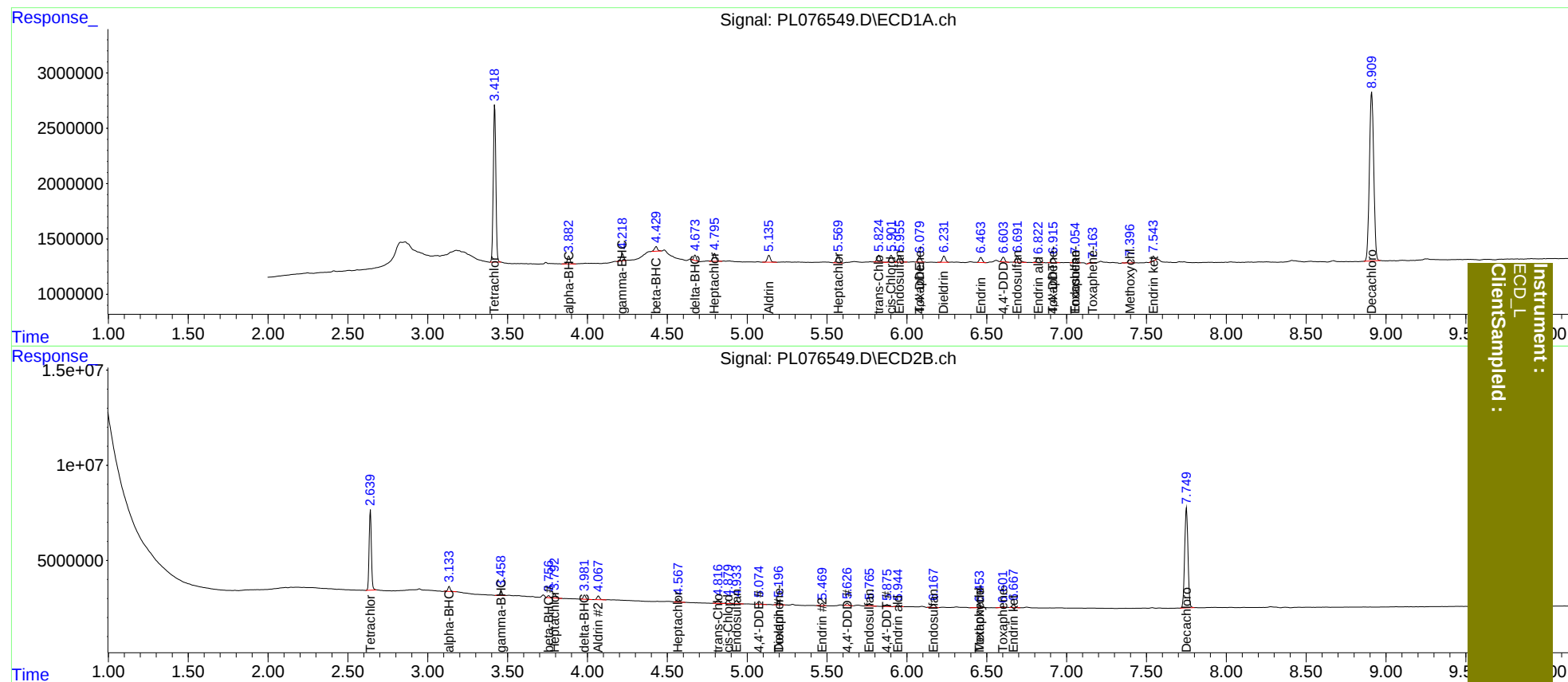
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

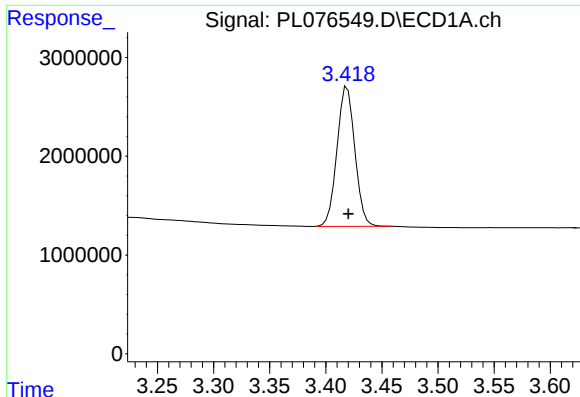
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.419  | 2.641  | 15684102 | 41317331 | 17.309  | 17.622    |
| 27)                         | SA Decachlor... | 8.911  | 7.751  | 28854638 | 75042205 | 36.850  | 37.370    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.884  | 3.134  | 870612   | 2891581  | 0.709   | 0.865     |
| 3)                          | MA gamma-BHC... | 4.219  | 3.460  | 792248   | 2309811  | 0.660   | 0.733     |
| 4)                          | MA Heptachlor   | 4.796  | 3.793  | 990855   | 2395267  | 0.816   | 0.804     |
| 5)                          | MB Aldrin       | 5.137  | 4.069  | 890126   | 2302294  | 0.796   | 0.800     |
| 6)                          | B beta-BHC      | 4.431  | 3.758  | 573740   | 1180888  | 0.965   | 0.822     |
| 7)                          | B delta-BHC     | 4.674  | 3.982  | 520112   | 2378155  | 0.467   | 0.750 #   |
| 8)                          | B Heptachlo...  | 5.570  | 4.569  | 895261   | 2309467  | 0.836   | 0.884     |
| 9)                          | A Endosulfan I  | 5.956  | 4.934  | 798229   | 2207278  | 0.840   | 0.953     |
| 10)                         | B trans-Chl...  | 5.825  | 4.818  | 846667   | 2444325  | 0.797   | 0.926     |
| 11)                         | B cis-Chlor...  | 5.902  | 4.881  | 832485   | 2387966  | 0.791   | 0.926     |
| 12)                         | B 4,4'-DDE      | 6.081  | 5.075  | 633372   | 1846409  | 0.660   | 0.761     |
| 13)                         | MA Dieldrin     | 6.233  | 5.198  | 763333   | 2194060  | 0.760   | 0.884     |
| 14)                         | MA Endrin       | 6.464  | 5.471  | 585806   | 1555661  | 0.718   | 0.774     |
| 15)                         | B Endosulfa...  | 6.693  | 5.766  | 898967   | 1663475  | 1.025   | 0.810     |
| 16)                         | A 4,4'-DDD      | 6.605  | 5.627  | 531908   | 1454898  | 0.691   | 0.766     |
| 17)                         | MA 4,4'-DDT     | 6.916  | 5.876  | 679813   | 1215420  | 0.835   | 0.650     |
| 18)                         | B Endrin al...  | 6.823  | 5.946  | 655922   | 1447578  | 0.850   | 0.818     |
| 19)                         | B Endosulfa...  | 7.055  | 6.168  | 553328   | 2590567  | 0.623   | 1.242 #   |
| 20)                         | A Methoxychlor  | 7.397  | 6.455  | 403916   | 1068404  | 0.902   | 1.064     |
| 21)                         | B Endrin ke...  | 7.544  | 6.669  | 486106   | 1976766  | 0.498   | 0.868 #   |
| 22)                         | Toxaphene-1     | 6.081f | 5.198  | 633372   | 2194060  | 128.655 | 207.208 # |
| 23)                         | Toxaphene-2     | 6.916  | 6.455  | 679813   | 1068404  | 28.681  | 24.319    |
| 24)                         | Toxaphene-3     | 7.055  | 6.602f | 553328   | 585842   | 29.756  | 9.681 #   |
| 25)                         | Toxaphene-4     | 7.165  | 0.000  | 104025   | 0        | 8.513   | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 22 03:06:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072122CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 21 14:14:01 2022  
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

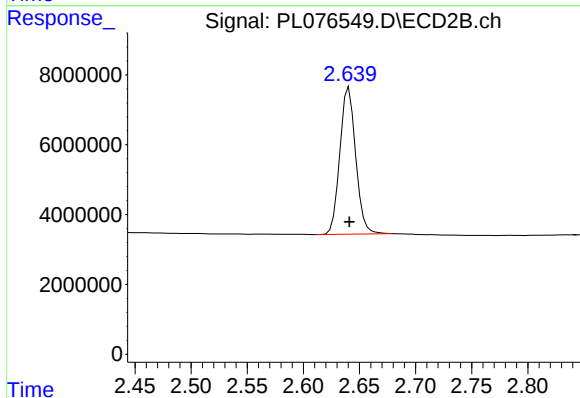




#1 Tetrachloro-m-xylene

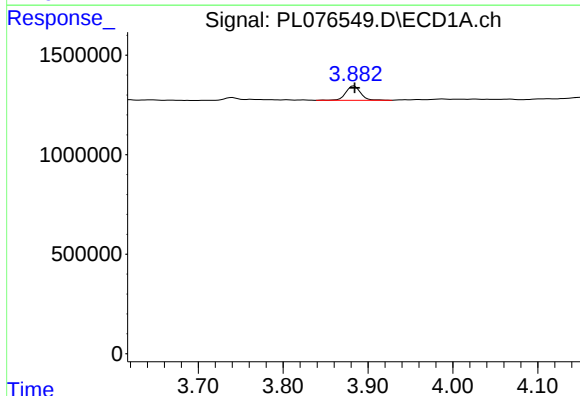
R.T.: 3.419 min  
Delta R.T.: 0.000 min  
Response: 15684102  
Conc: 17.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



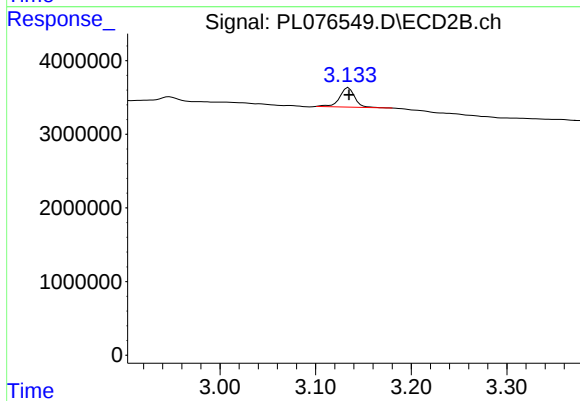
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: 0.000 min  
Response: 41317331  
Conc: 17.62 ng/ml



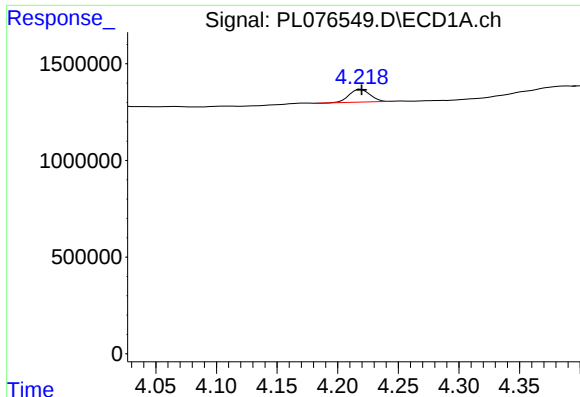
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: 0.000 min  
Response: 870612  
Conc: 0.71 ng/ml



#2 alpha-BHC

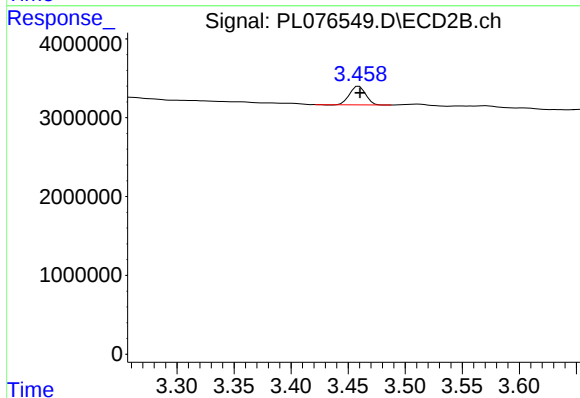
R.T.: 3.134 min  
Delta R.T.: 0.000 min  
Response: 2891581  
Conc: 0.86 ng/ml



#3 gamma-BHC (Lindane)

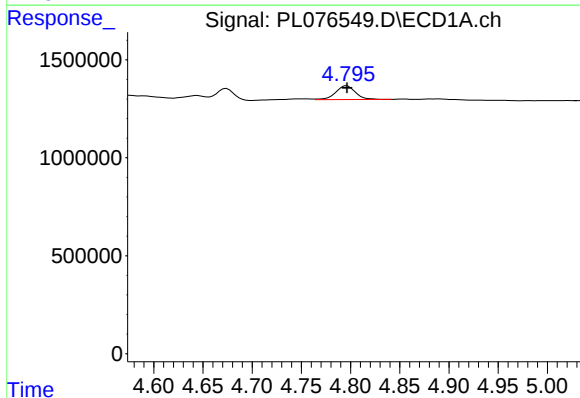
R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 792248  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



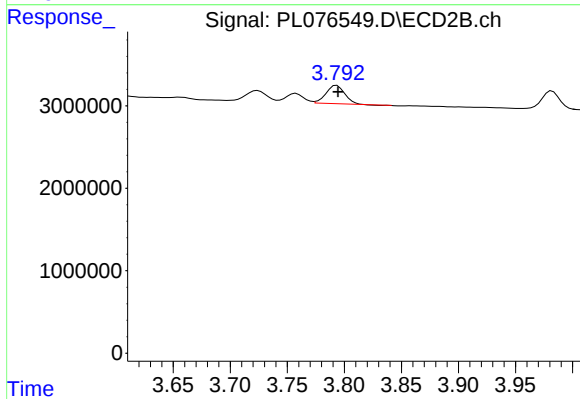
#3 gamma-BHC (Lindane)

R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 2309811  
Conc: 0.73 ng/ml



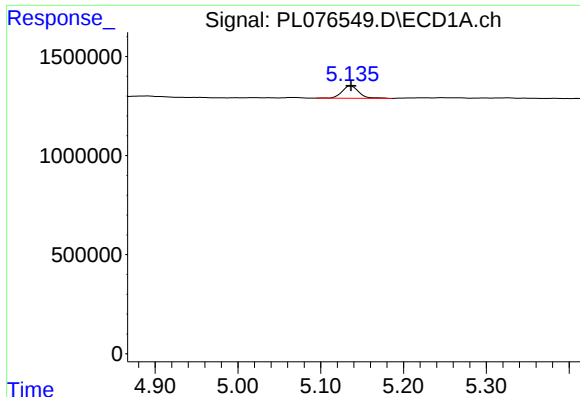
#4 Heptachlor

R.T.: 4.796 min  
Delta R.T.: 0.000 min  
Response: 990855  
Conc: 0.82 ng/ml



#4 Heptachlor

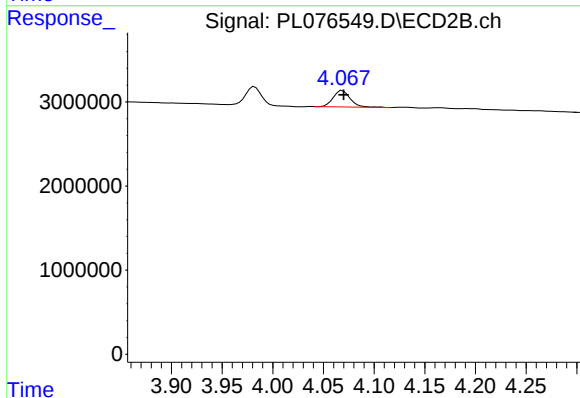
R.T.: 3.793 min  
Delta R.T.: -0.001 min  
Response: 2395267  
Conc: 0.80 ng/ml



#5 Aldrin

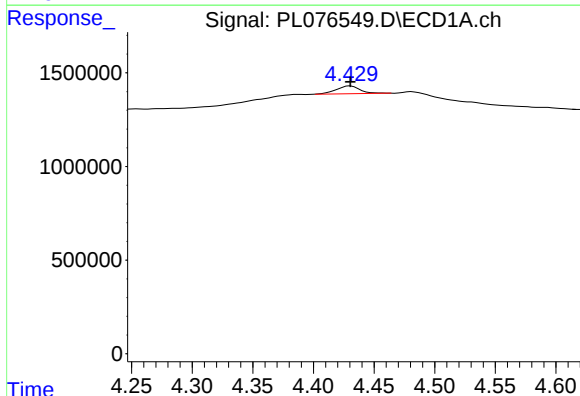
R.T.: 5.137 min  
Delta R.T.: 0.000 min  
Response: 890126  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



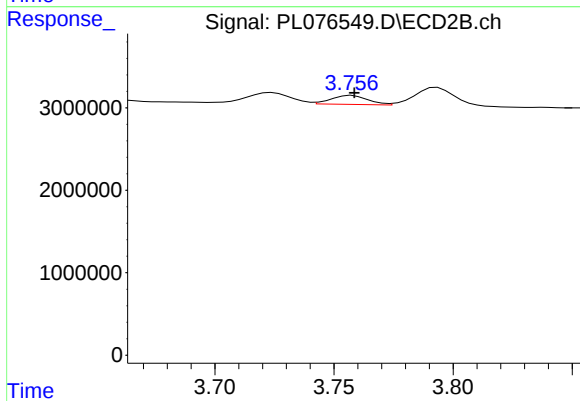
#5 Aldrin

R.T.: 4.069 min  
Delta R.T.: -0.001 min  
Response: 2302294  
Conc: 0.80 ng/ml



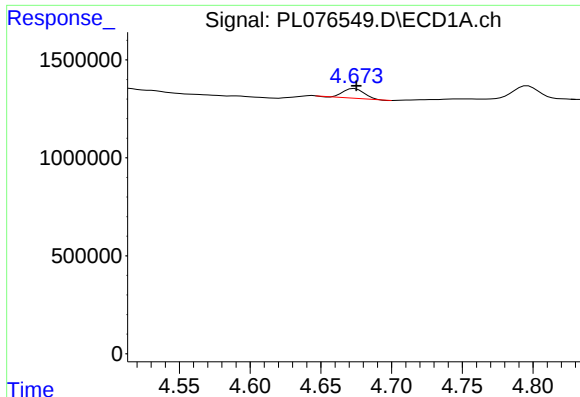
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 573740  
Conc: 0.96 ng/ml



#6 beta-BHC

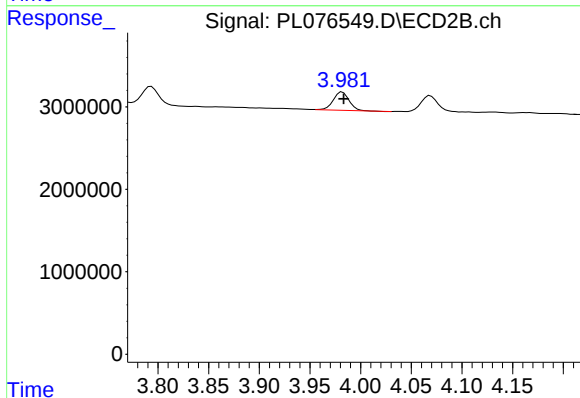
R.T.: 3.758 min  
Delta R.T.: 0.000 min  
Response: 1180888  
Conc: 0.82 ng/ml



#7 delta-BHC

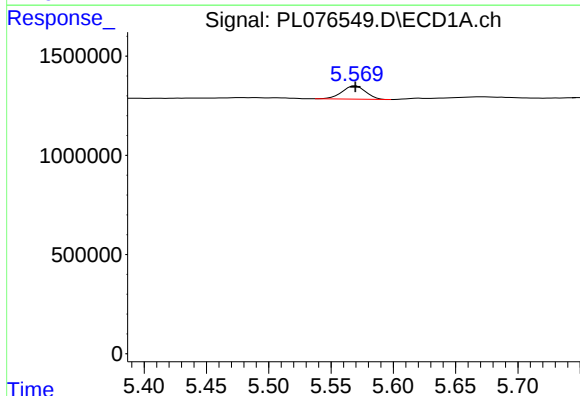
R.T.: 4.674 min  
Delta R.T.: -0.001 min  
Response: 520112  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



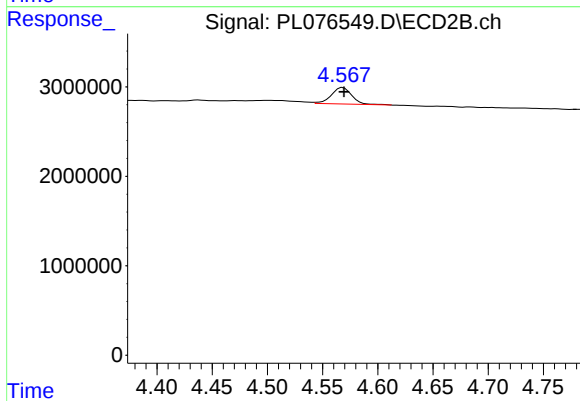
#7 delta-BHC

R.T.: 3.982 min  
Delta R.T.: -0.001 min  
Response: 2378155  
Conc: 0.75 ng/ml



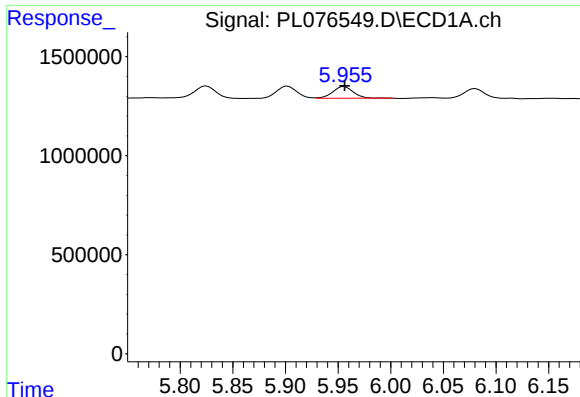
#8 Heptachlor epoxide

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 895261  
Conc: 0.84 ng/ml



#8 Heptachlor epoxide

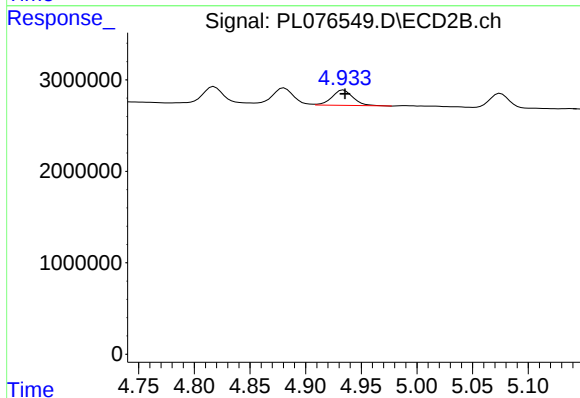
R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 2309467  
Conc: 0.88 ng/ml



#9 Endosulfan I

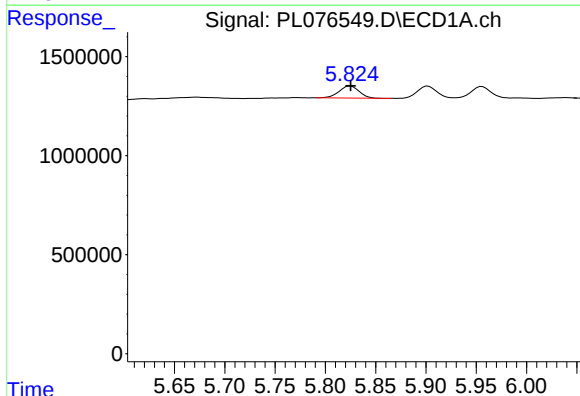
R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 798229  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



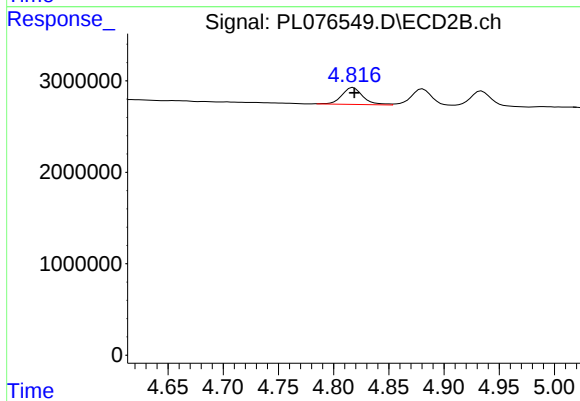
#9 Endosulfan I

R.T.: 4.934 min  
Delta R.T.: -0.001 min  
Response: 2207278  
Conc: 0.95 ng/ml



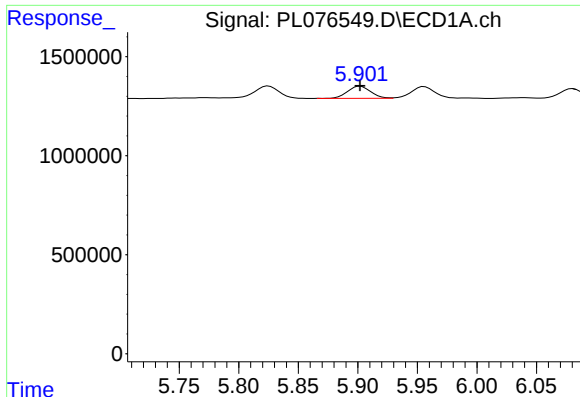
#10 trans-Chlordane

R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 846667  
Conc: 0.80 ng/ml



#10 trans-Chlordane

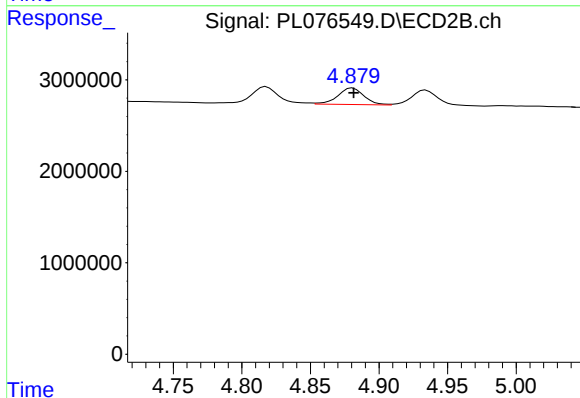
R.T.: 4.818 min  
Delta R.T.: -0.001 min  
Response: 2444325  
Conc: 0.93 ng/ml



#11 cis-Chlordane

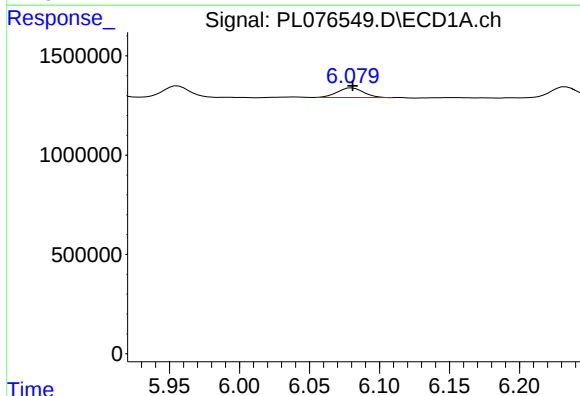
R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 832485  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



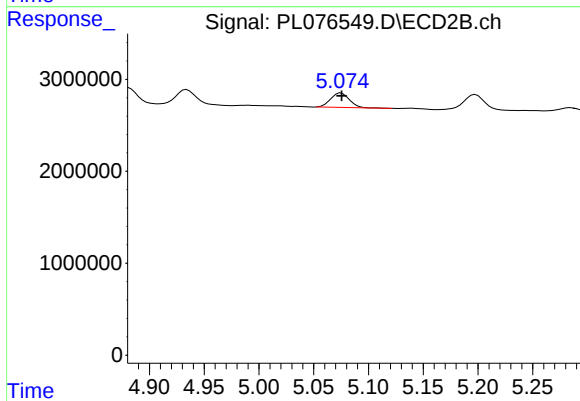
#11 cis-Chlordane

R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 2387966  
Conc: 0.93 ng/ml



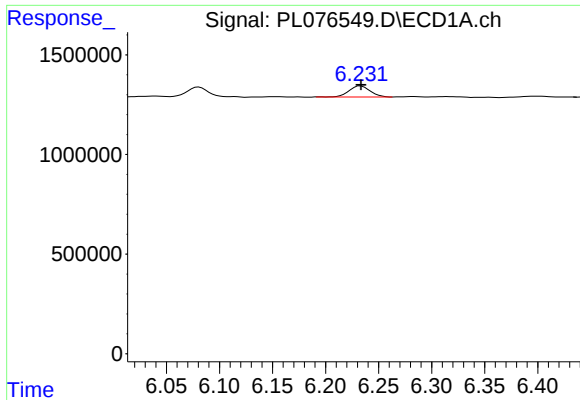
#12 4,4'-DDE

R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 633372  
Conc: 0.66 ng/ml



#12 4,4'-DDE

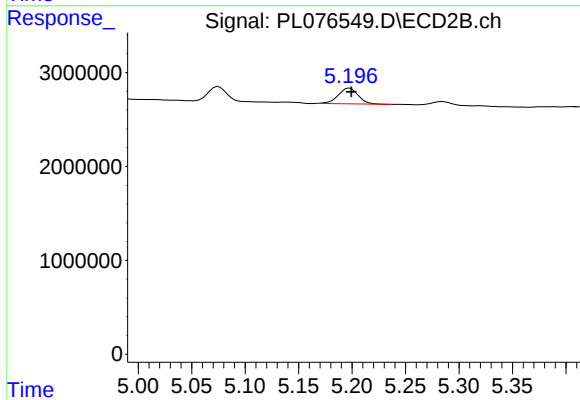
R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 1846409  
Conc: 0.76 ng/ml



#13 Dieldrin

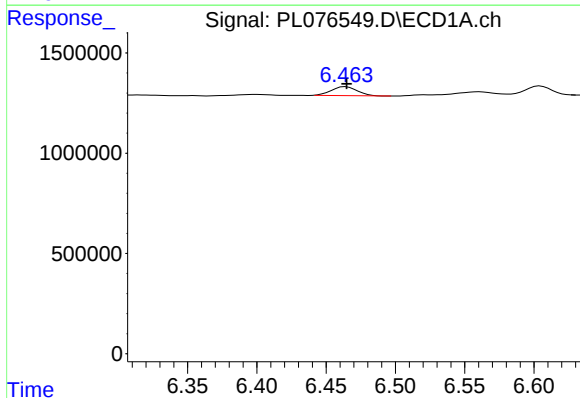
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 763333  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



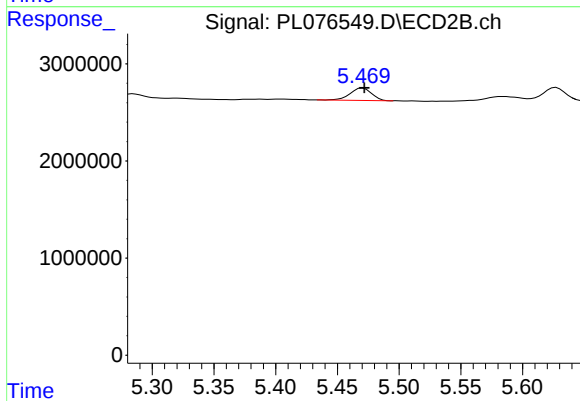
#13 Dieldrin

R.T.: 5.198 min  
Delta R.T.: -0.002 min  
Response: 2194060  
Conc: 0.88 ng/ml



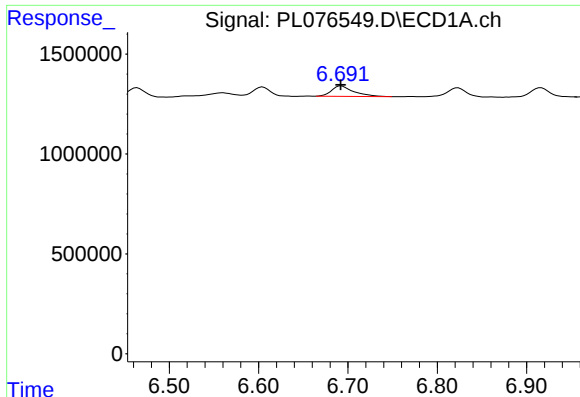
#14 Endrin

R.T.: 6.464 min  
Delta R.T.: 0.000 min  
Response: 585806  
Conc: 0.72 ng/ml



#14 Endrin

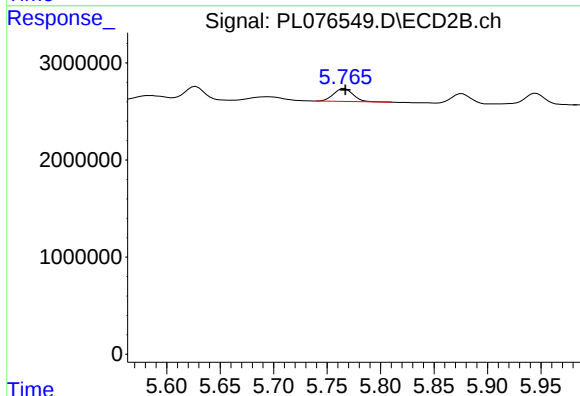
R.T.: 5.471 min  
Delta R.T.: -0.001 min  
Response: 1555661  
Conc: 0.77 ng/ml



#15 Endosulfan II

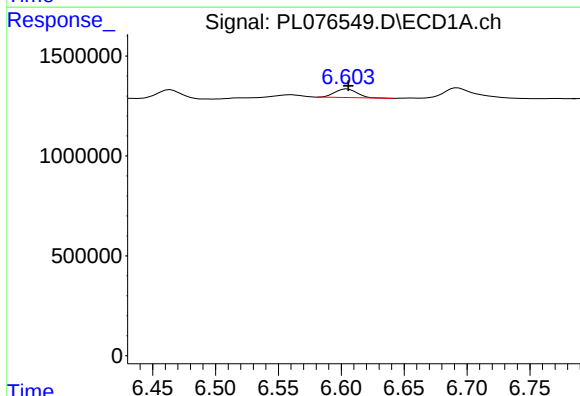
R.T.: 6.693 min  
Delta R.T.: 0.000 min  
Response: 898967  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



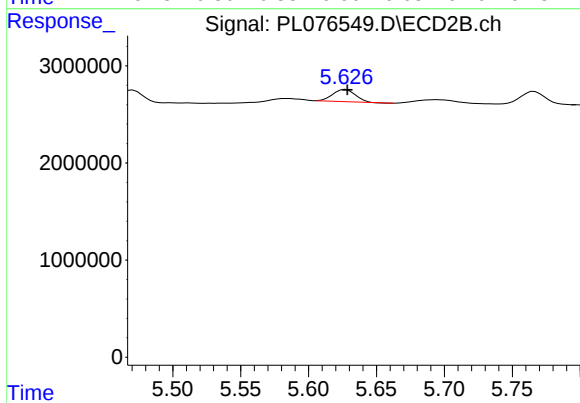
#15 Endosulfan II

R.T.: 5.766 min  
Delta R.T.: -0.001 min  
Response: 1663475  
Conc: 0.81 ng/ml



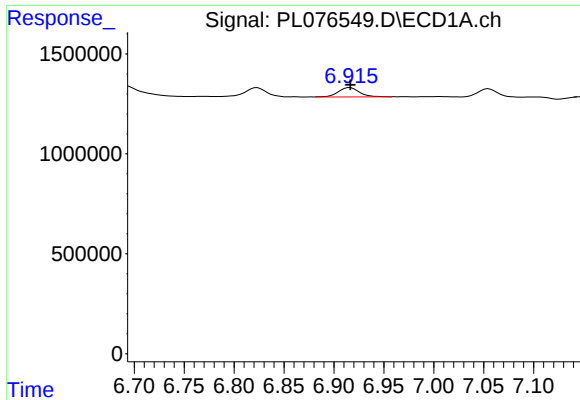
#16 4,4'-DDD

R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 531908  
Conc: 0.69 ng/ml



#16 4,4'-DDD

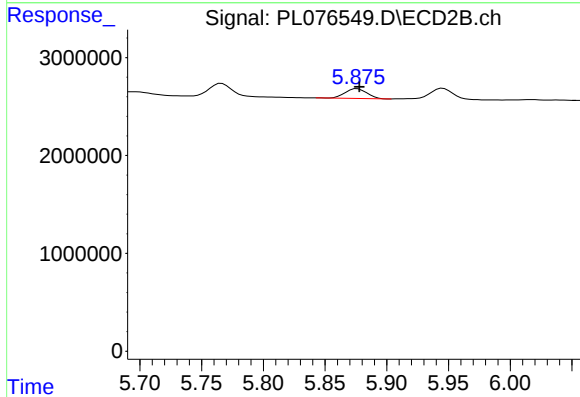
R.T.: 5.627 min  
Delta R.T.: -0.001 min  
Response: 1454898  
Conc: 0.77 ng/ml



#17 4,4'-DDT

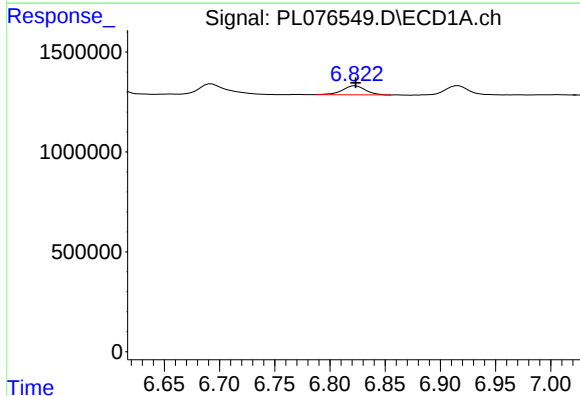
R.T.: 6.916 min  
Delta R.T.: 0.000 min  
Response: 679813  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



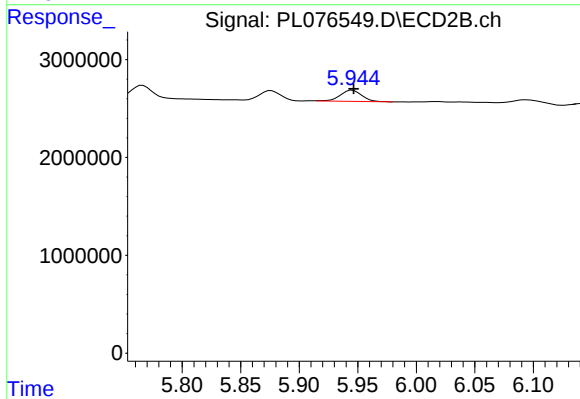
#17 4,4'-DDT

R.T.: 5.876 min  
Delta R.T.: -0.002 min  
Response: 1215420  
Conc: 0.65 ng/ml



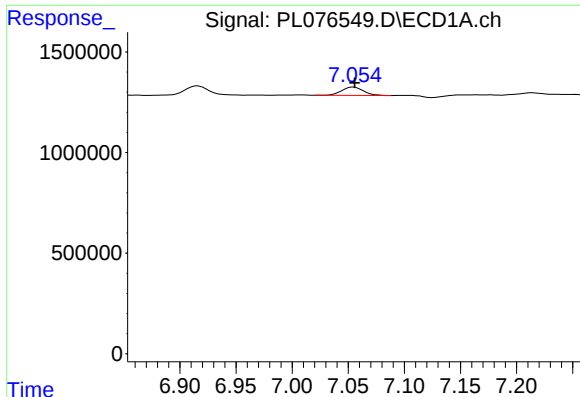
#18 Endrin aldehyde

R.T.: 6.823 min  
Delta R.T.: 0.000 min  
Response: 655922  
Conc: 0.85 ng/ml



#18 Endrin aldehyde

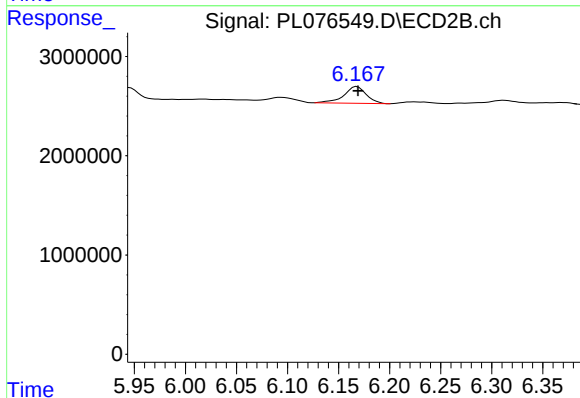
R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 1447578  
Conc: 0.82 ng/ml



#19 Endosulfan Sulfate

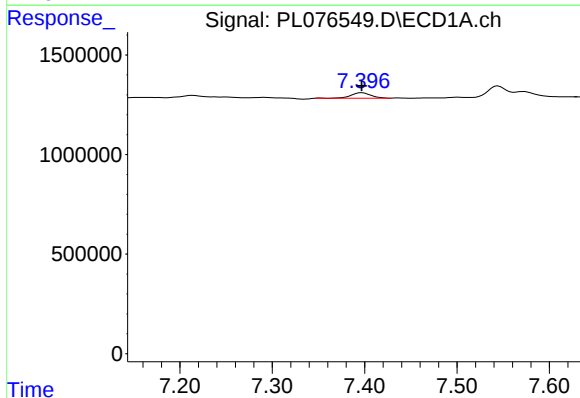
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 553328  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



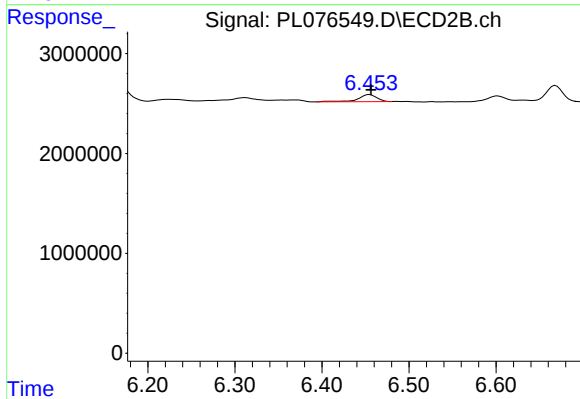
#19 Endosulfan Sulfate

R.T.: 6.168 min  
Delta R.T.: -0.001 min  
Response: 2590567  
Conc: 1.24 ng/ml



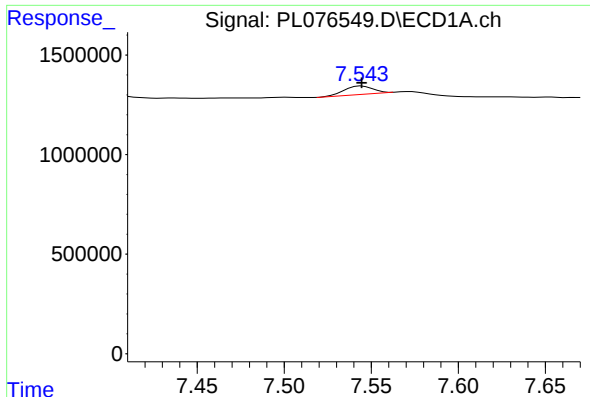
#20 Methoxychlor

R.T.: 7.397 min  
Delta R.T.: 0.000 min  
Response: 403916  
Conc: 0.90 ng/ml



#20 Methoxychlor

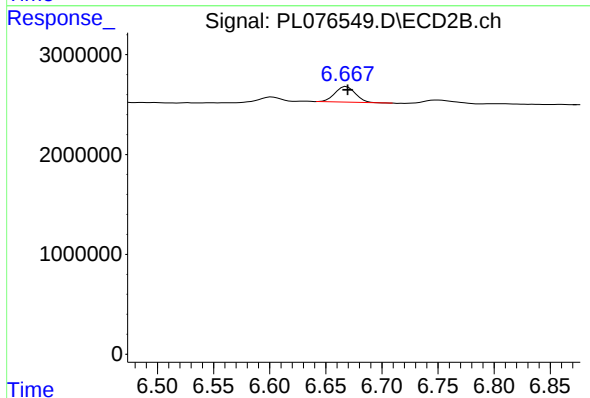
R.T.: 6.455 min  
Delta R.T.: -0.002 min  
Response: 1068404  
Conc: 1.06 ng/ml



#21 Endrin ketone

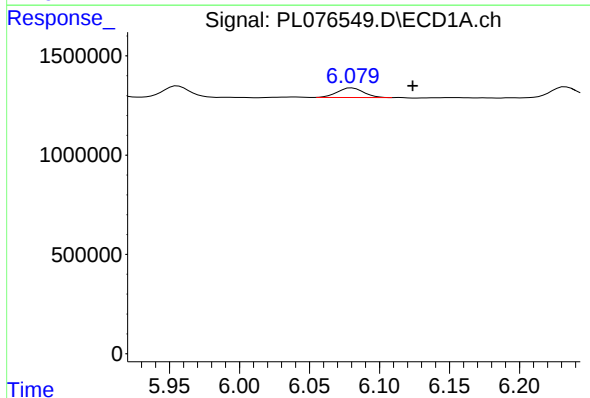
R.T.: 7.544 min  
Delta R.T.: 0.000 min  
Response: 486106  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



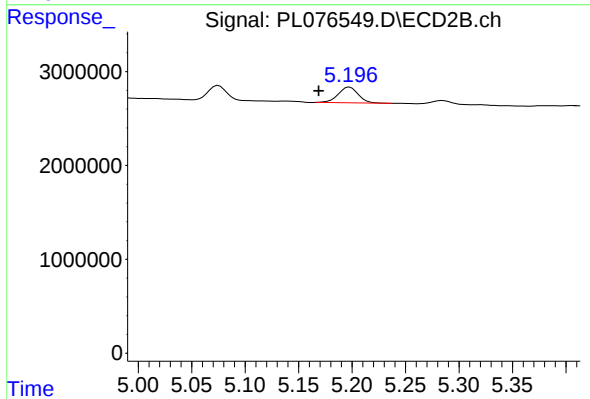
#21 Endrin ketone

R.T.: 6.669 min  
Delta R.T.: -0.001 min  
Response: 1976766  
Conc: 0.87 ng/ml



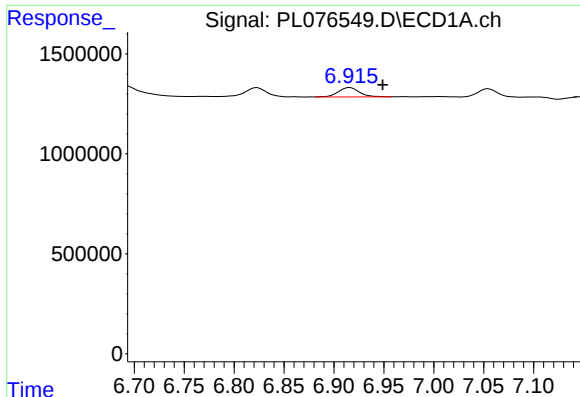
#22 Toxaphene-1

R.T.: 6.081 min  
Delta R.T.: -0.043 min  
Response: 633372  
Conc: 128.66 ng/ml



#22 Toxaphene-1

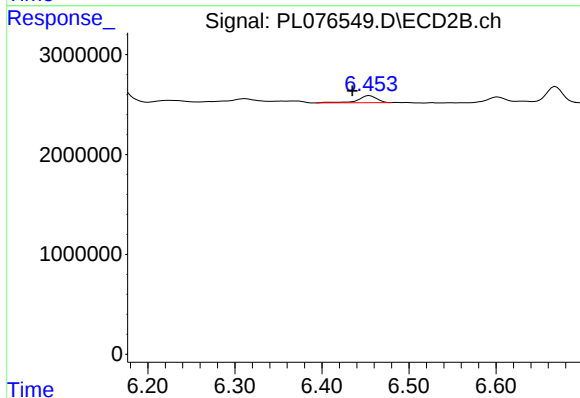
R.T.: 5.198 min  
Delta R.T.: 0.029 min  
Response: 2194060  
Conc: 207.21 ng/ml



#23 Toxaphene-2

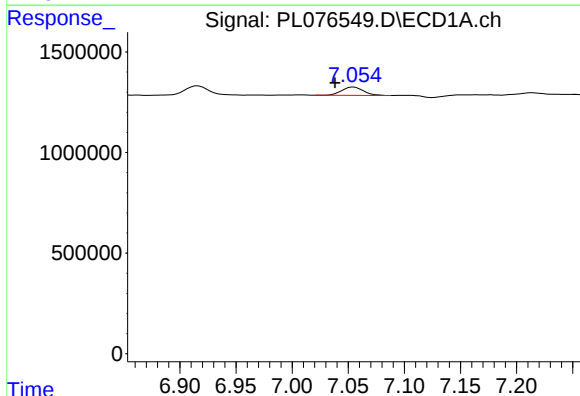
R.T.: 6.916 min  
Delta R.T.: -0.033 min  
Response: 679813  
Conc: 28.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



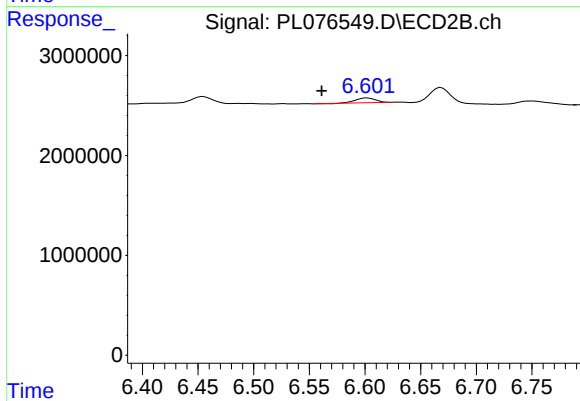
#23 Toxaphene-2

R.T.: 6.455 min  
Delta R.T.: 0.020 min  
Response: 1068404  
Conc: 24.32 ng/ml



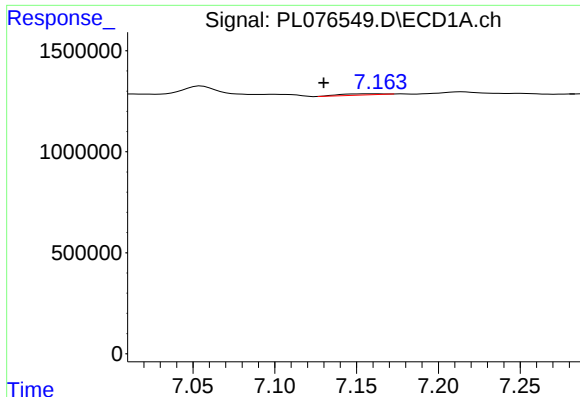
#24 Toxaphene-3

R.T.: 7.055 min  
Delta R.T.: 0.017 min  
Response: 553328  
Conc: 29.76 ng/ml



#24 Toxaphene-3

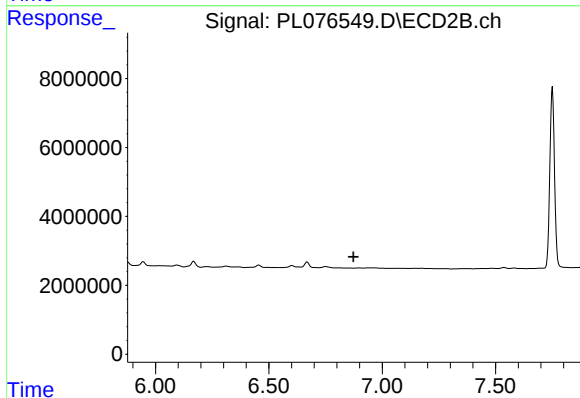
R.T.: 6.602 min  
Delta R.T.: 0.041 min  
Response: 585842  
Conc: 9.68 ng/ml



#25 Toxaphene-4

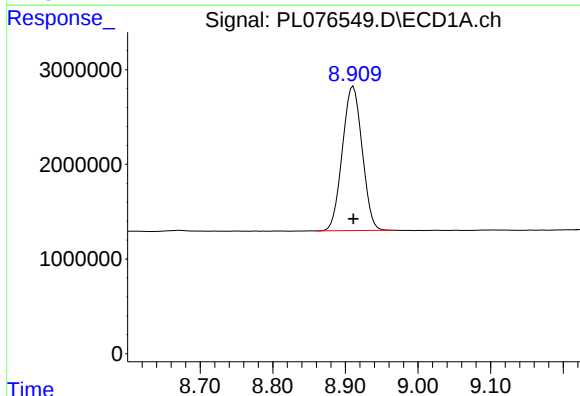
R.T.: 7.165 min  
Delta R.T.: 0.035 min  
Response: 104025  
Conc: 8.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



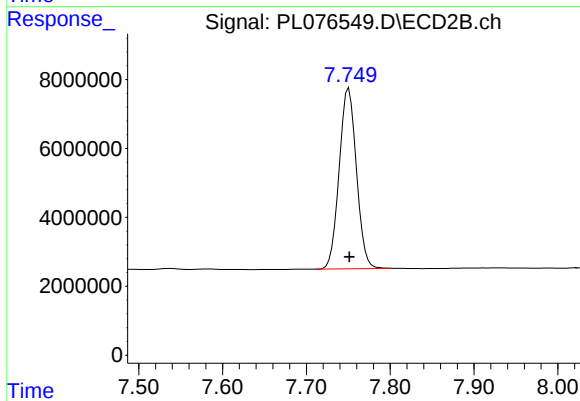
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.874 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.911 min  
Delta R.T.: 0.000 min  
Response: 28854638  
Conc: 36.85 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 75042205  
Conc: 37.37 ng/ml