

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092418\  
 Data File : PL040280.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2018 23:55  
 Operator : AJ\SJ  
 Sample : J5023-04MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 00:57:54 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092218.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 22 05:31:14 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.237 | 3.842 | 139.3E6  | 60156879 | 18.312   | 18.421     |
| 28)                         | SA Decachlor... | 7.859 | 8.792 | 156.4E6  | 67727082 | 17.659   | 21.167     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.661 | 4.217 | 594.1E6  | 246.5E6  | 49.445   | 51.703     |
| 3)                          | MA gamma-BHC... | 3.933 | 4.493 | 555.9E6  | 227.4E6  | 50.371   | 51.491     |
| 4)                          | MA Heptachlor   | 4.209 | 4.995 | 563.4E6  | 230.5E6  | 49.033   | 51.795     |
| 5)                          | MB Aldrin       | 4.443 | 5.293 | 536.7E6  | 213.1E6  | 50.772   | 52.222     |
| 6)                          | B beta-BHC      | 4.209 | 4.656 | 563.4E6  | 101.2E6  | 128.202  | 51.262 #   |
| 7)                          | B delta-BHC     | 4.375 | 4.866 | 473.3E6  | 234.7E6  | 42.411   | 51.893     |
| 8)                          | B Heptachlo...  | 4.876 | 5.670 | 361.8E6  | 196.9E6  | 35.596   | 53.325 #   |
| 9)                          | A Endosulfan I  | 5.201 | 6.019 | 469.8E6  | 182.2E6  | 47.454   | 51.404     |
| 10)                         | B gamma-Chl...  | 5.095 | 5.902 | 365.5E6  | 206.5E6  | 33.848   | 53.626 #   |
| 11)                         | B alpha-Chl...  | 5.151 | 5.974 | 498.4E6  | 200.1E6  | 47.818   | 52.611     |
| 12)                         | B 4,4'-DDE      | 5.320 | 6.132 | 419.1E6  | 198.5E6  | 39.764   | 52.389 #   |
| 13)                         | MA Dieldrin     | 5.439 | 6.272 | 429.0E6  | 195.3E6  | 40.247   | 53.631 #   |
| 14)                         | MA Endrin       | 5.689 | 6.484 | 392.2E6  | 169.9E6  | 39.838   | 53.212 #   |
| 15)                         | B Endosulfa...  | 5.964 | 6.688 | 474.7E6  | 163.5E6  | 45.690   | 52.534     |
| 16)                         | A 4,4'-DDD      | 5.828 | 6.611 | 357.1E6  | 162.1E6  | 41.328   | 50.613     |
| 17)                         | MA 4,4'-DDT     | 6.059 | 6.908 | 383.6E6  | 152.2E6  | 45.379   | 53.268     |
| 18)                         | B Endrin al...  | 6.131 | 6.810 | 288.9E6  | 139.8E6  | 37.310   | 51.013 #   |
| 19)                         | B Endosulfa...  | 6.341 | 7.032 | 396.3E6  | 158.4E6  | 44.255   | 53.482     |
| 20)                         | A Methoxychlor  | 6.606 | 7.364 | 165.4E6  | 78820374 | 35.289   | 51.745 #   |
| 21)                         | B Endrin ke...  | 6.818 | 7.492 | 372.6E6  | 167.6E6  | 38.123   | 57.175 #   |
| 23)                         | Chlordane-1     | 4.142 | 4.866 | 17877924 | 234.7E6  | 47.499   | 1549.370 # |
| 24)                         | Chlordane-2     | 0.000 | 5.293 | 0        | 213.1E6  | N.D.     | 1292.104 # |
| 25)                         | Chlordane-3     | 5.095 | 5.902 | 365.5E6  | 206.5E6  | 298.151  | 386.110 #  |
| 26)                         | Chlordane-4     | 5.151 | 5.974 | 498.4E6  | 200.1E6  | 432.049  | 313.304 #  |
| 27)                         | Chlordane-5     | 5.964 | 6.810 | 474.7E6  | 139.8E6  | 1144.441 | 1196.735   |
| -----                       |                 |       |       |          |          |          |            |

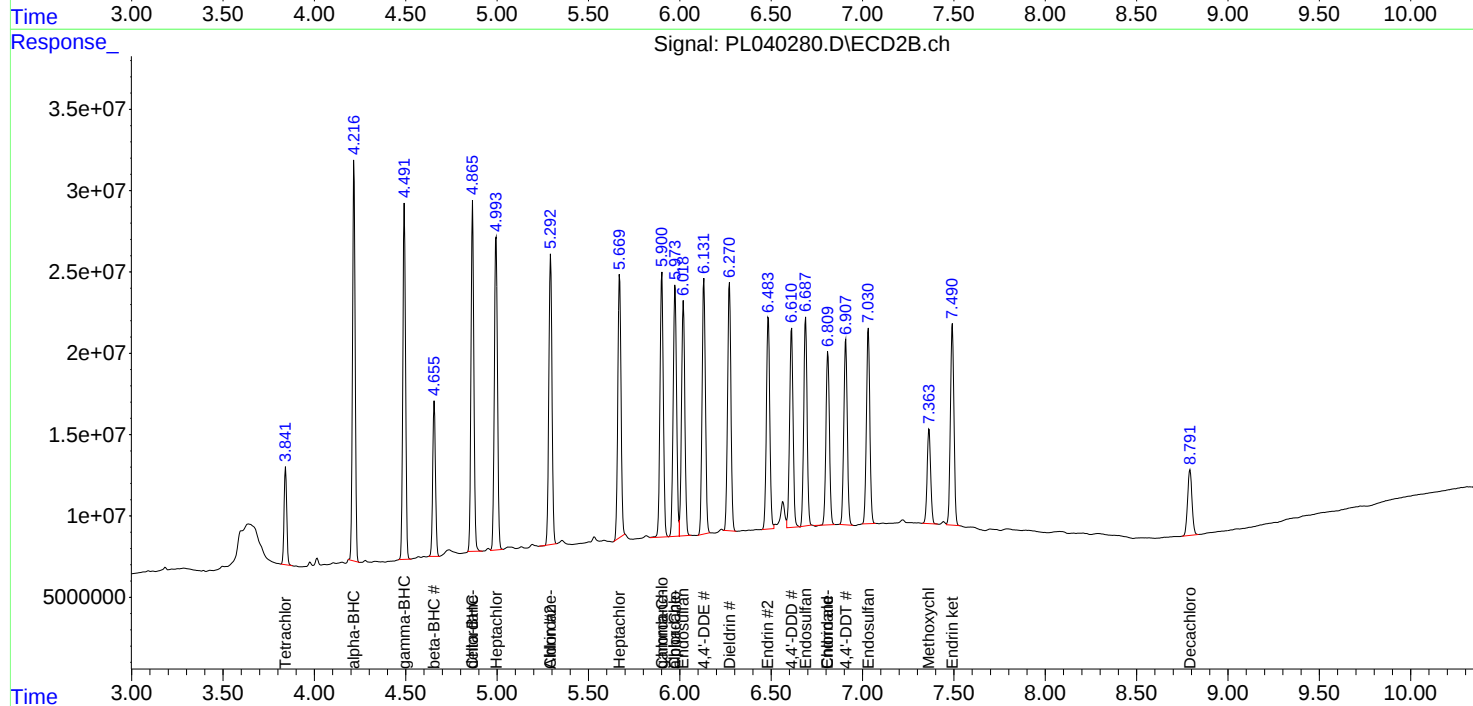
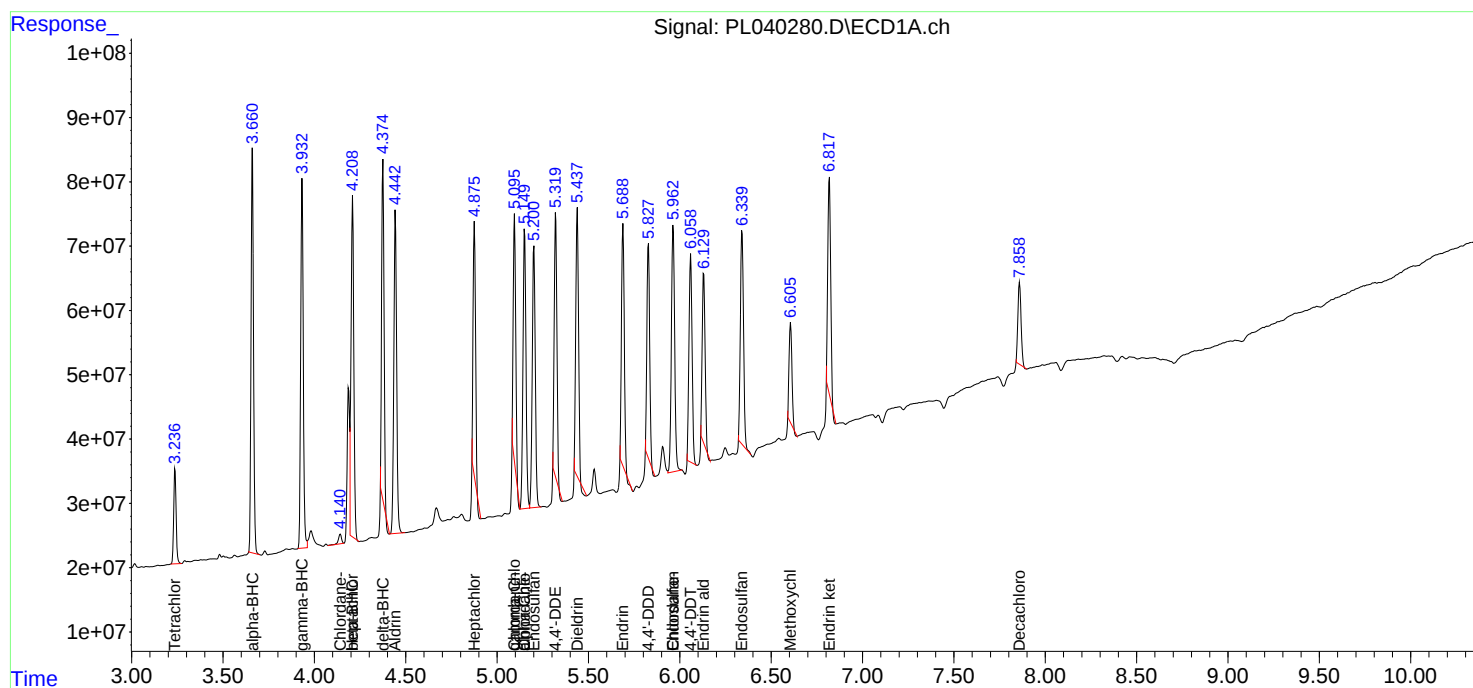
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

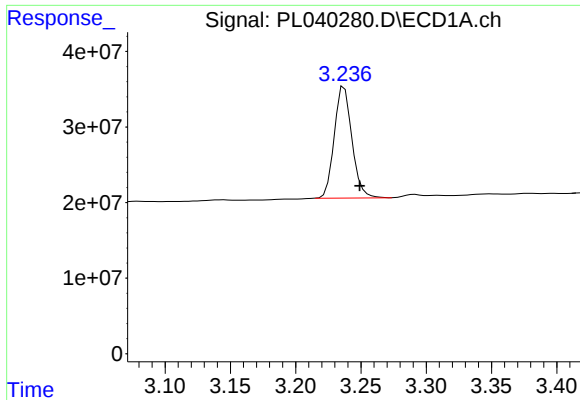
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092418\  
Data File : PL040280.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2018 23:55  
Operator : AJ\SJ  
Sample : J5023-04MSD  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 00:57:54 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092218.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 22 05:31:14 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

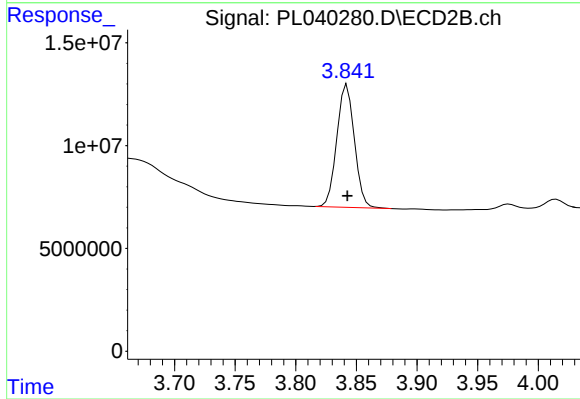




#1 Tetrachloro-m-xylene

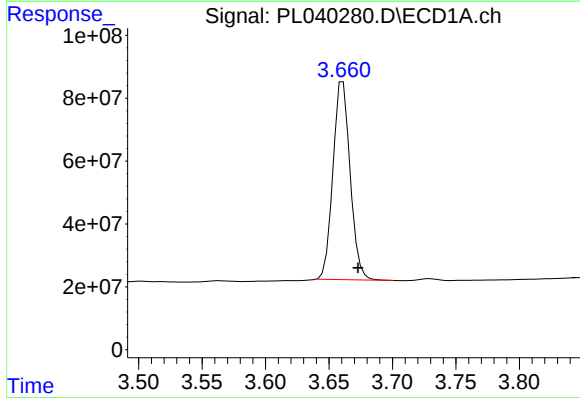
R.T.: 3.237 min  
Delta R.T.: -0.012 min  
Response: 139318767  
Conc: 18.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



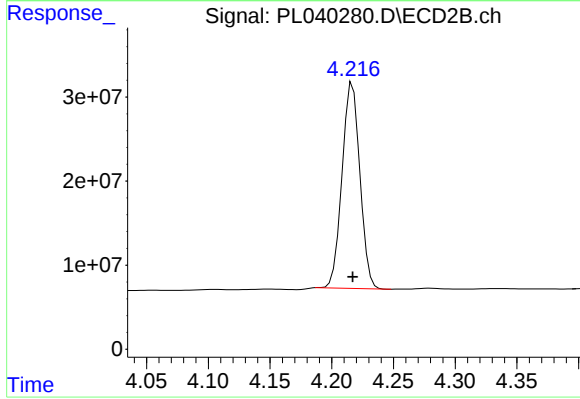
#1 Tetrachloro-m-xylene

R.T.: 3.842 min  
Delta R.T.: 0.000 min  
Response: 60156879  
Conc: 18.42 ng/ml



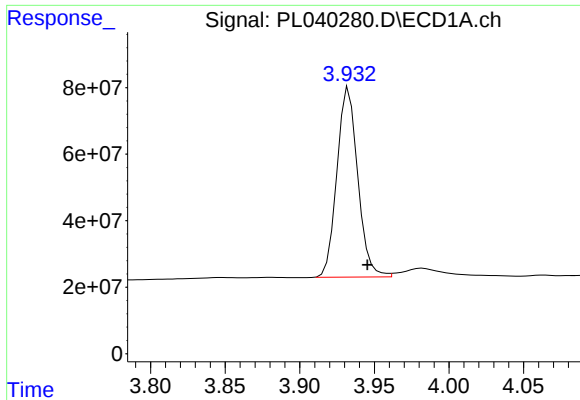
#2 alpha-BHC

R.T.: 3.661 min  
Delta R.T.: -0.012 min  
Response: 594052224  
Conc: 49.45 ng/ml



#2 alpha-BHC

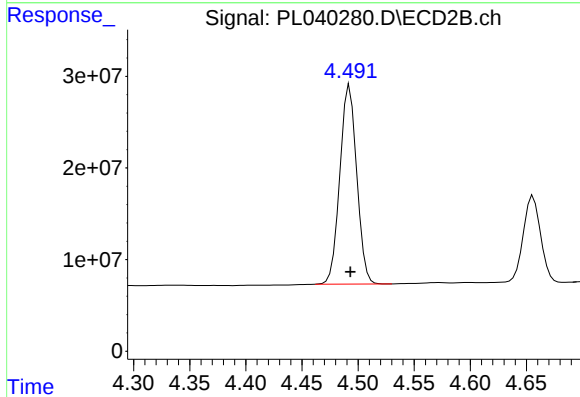
R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 246504882  
Conc: 51.70 ng/ml



#3 gamma-BHC (Lindane)

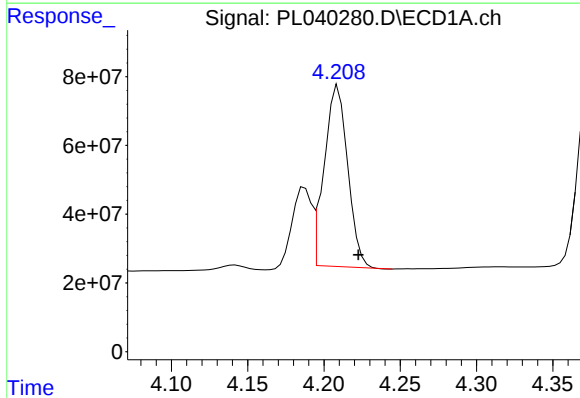
R.T.: 3.933 min  
Delta R.T.: -0.012 min  
Response: 555940280  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



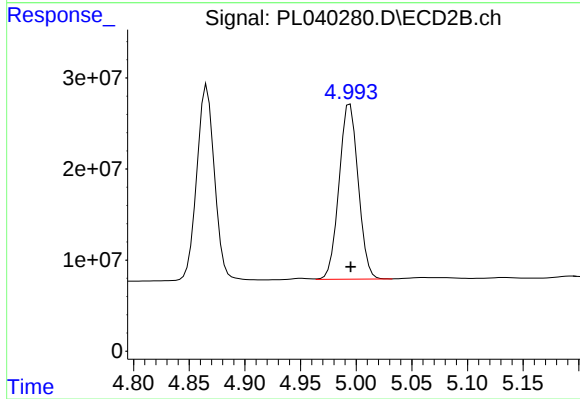
#3 gamma-BHC (Lindane)

R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 227350133  
Conc: 51.49 ng/ml



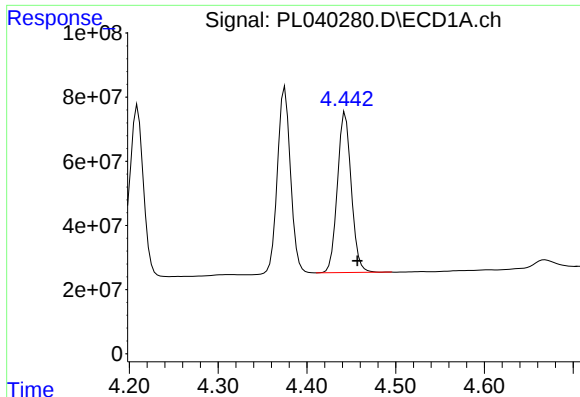
#4 Heptachlor

R.T.: 4.209 min  
Delta R.T.: -0.013 min  
Response: 563406169  
Conc: 49.03 ng/ml



#4 Heptachlor

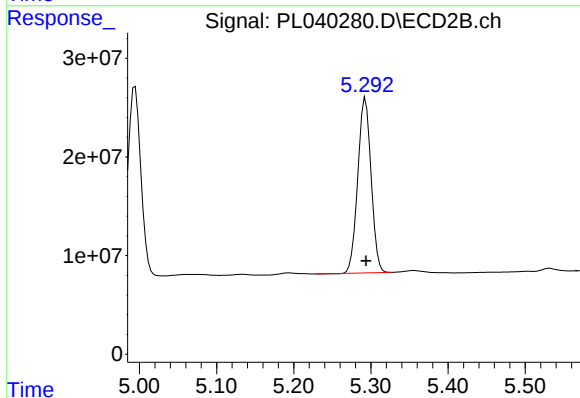
R.T.: 4.995 min  
Delta R.T.: 0.000 min  
Response: 230483484  
Conc: 51.79 ng/ml



#5 Aldrin

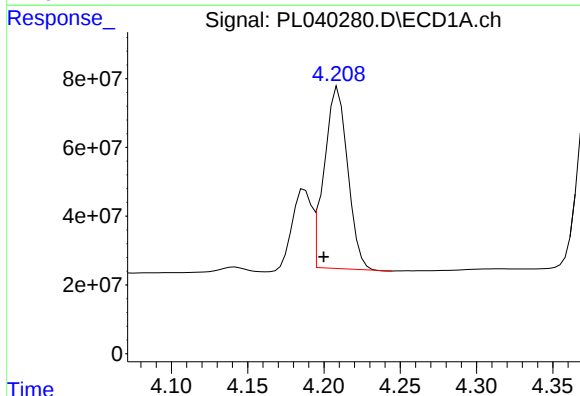
R.T.: 4.443 min  
Delta R.T.: -0.014 min  
Response: 536679403  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



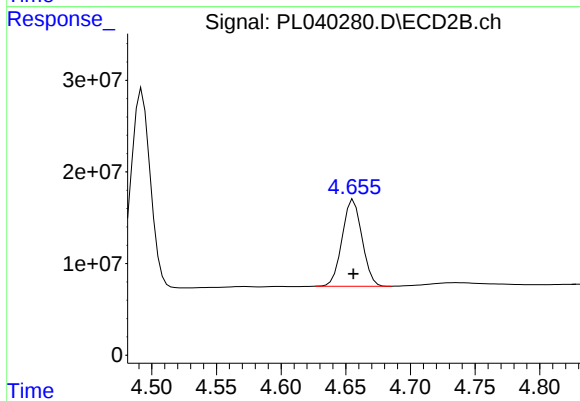
#5 Aldrin

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 213149986  
Conc: 52.22 ng/ml



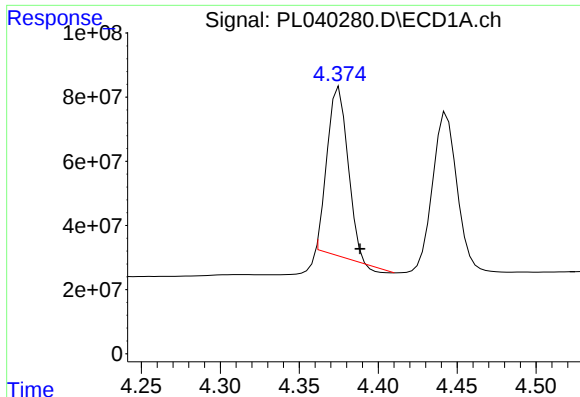
#6 beta-BHC

R.T.: 4.209 min  
Delta R.T.: 0.009 min  
Response: 563406169  
Conc: 128.20 ng/ml



#6 beta-BHC

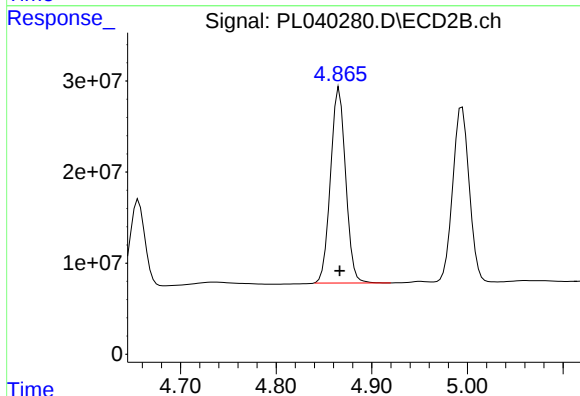
R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 101196280  
Conc: 51.26 ng/ml



#7 delta-BHC

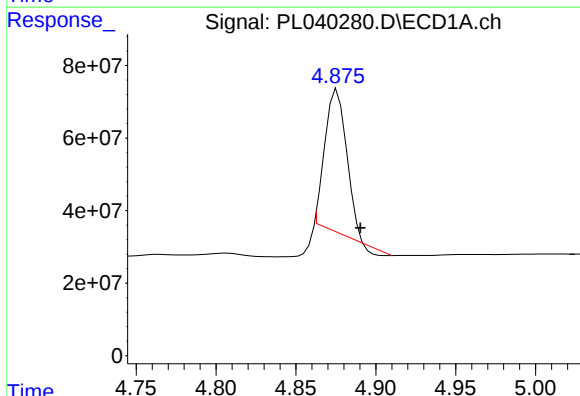
R.T.: 4.375 min  
Delta R.T.: -0.013 min  
Response: 473263312  
Conc: 42.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



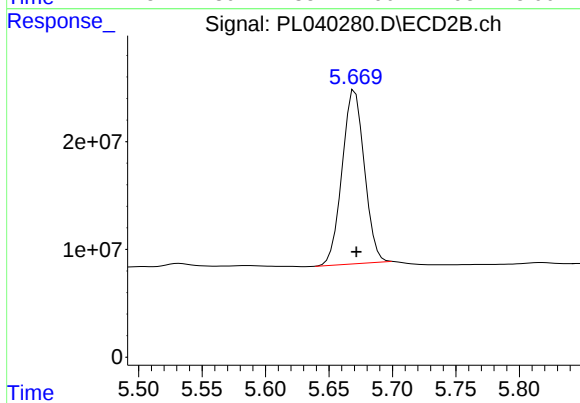
#7 delta-BHC

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 234731274  
Conc: 51.89 ng/ml



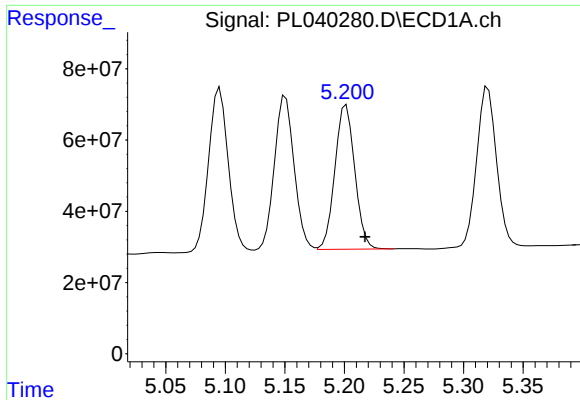
#8 Heptachlor epoxide

R.T.: 4.876 min  
Delta R.T.: -0.014 min  
Response: 361841447  
Conc: 35.60 ng/ml



#8 Heptachlor epoxide

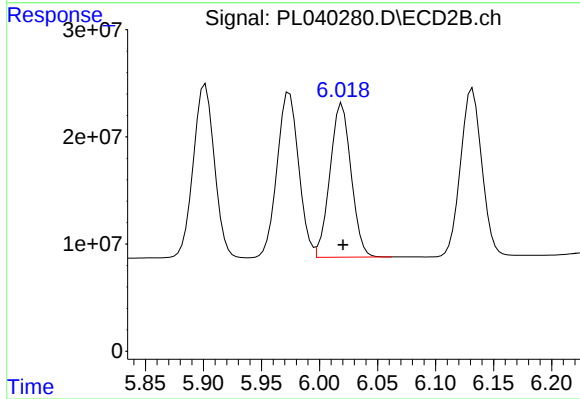
R.T.: 5.670 min  
Delta R.T.: 0.000 min  
Response: 196871140  
Conc: 53.33 ng/ml



#9 Endosulfan I

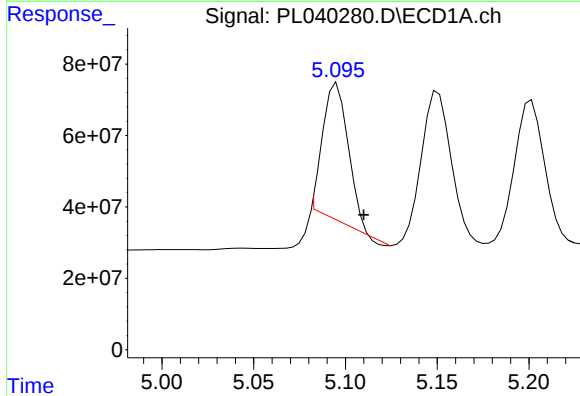
R.T.: 5.201 min  
Delta R.T.: -0.016 min  
Response: 469806994  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



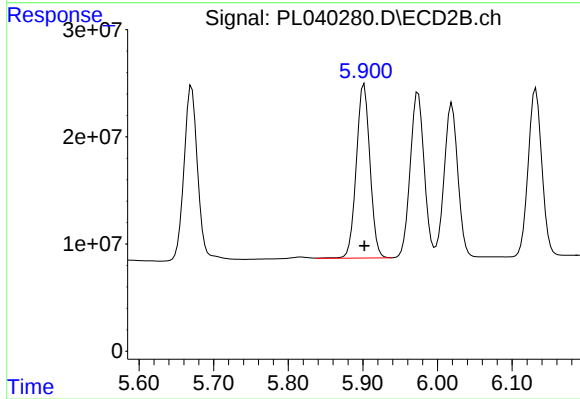
#9 Endosulfan I

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 182179666  
Conc: 51.40 ng/ml



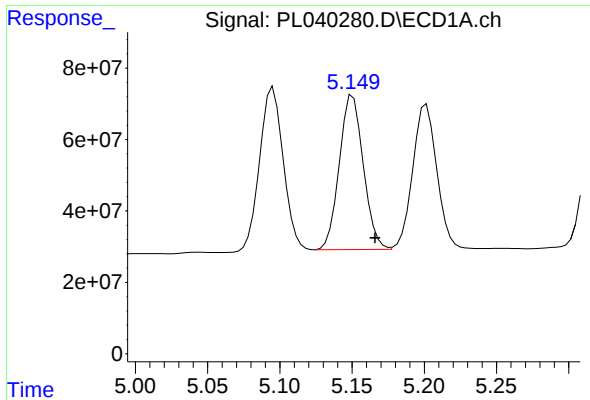
#10 gamma-Chlordane

R.T.: 5.095 min  
Delta R.T.: -0.015 min  
Response: 365520018  
Conc: 33.85 ng/ml



#10 gamma-Chlordane

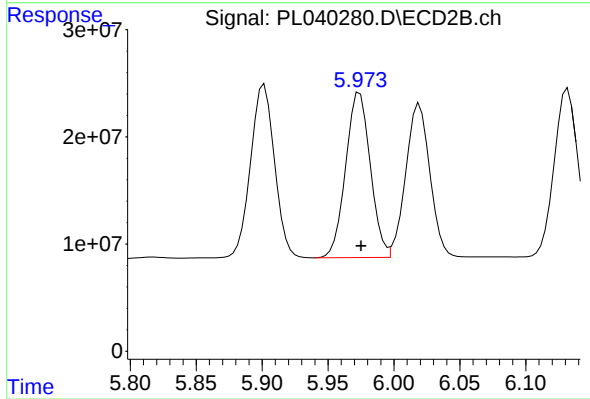
R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 206477350  
Conc: 53.63 ng/ml



#11 alpha-Chlordane

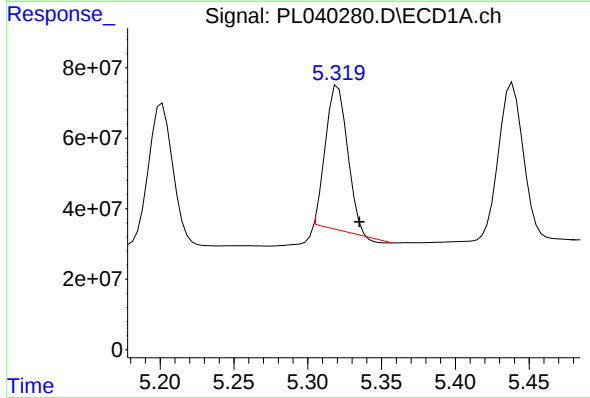
R.T.: 5.151 min  
Delta R.T.: -0.015 min  
Response: 498373826  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



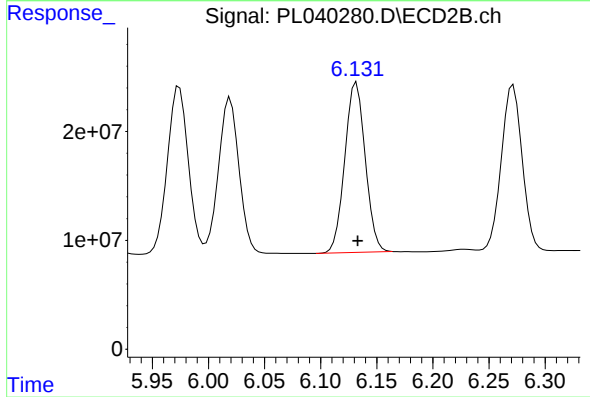
#11 alpha-Chlordane

R.T.: 5.974 min  
Delta R.T.: -0.001 min  
Response: 200075975  
Conc: 52.61 ng/ml



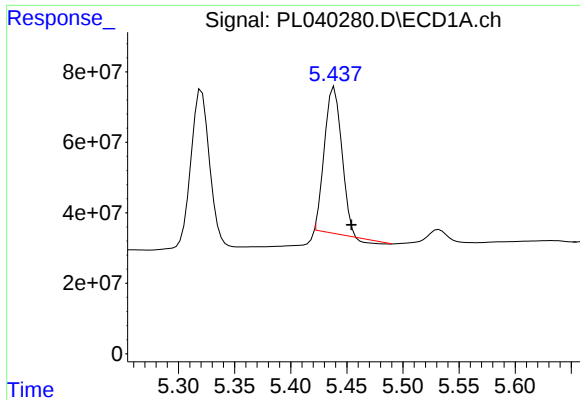
#12 4,4'-DDE

R.T.: 5.320 min  
Delta R.T.: -0.015 min  
Response: 419070862  
Conc: 39.76 ng/ml



#12 4,4'-DDE

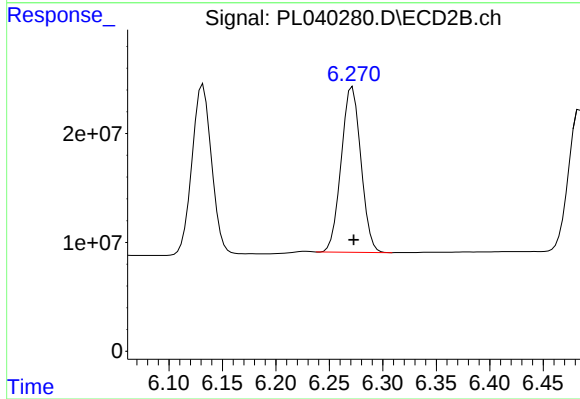
R.T.: 6.132 min  
Delta R.T.: -0.001 min  
Response: 198530215  
Conc: 52.39 ng/ml



#13 Dieldrin

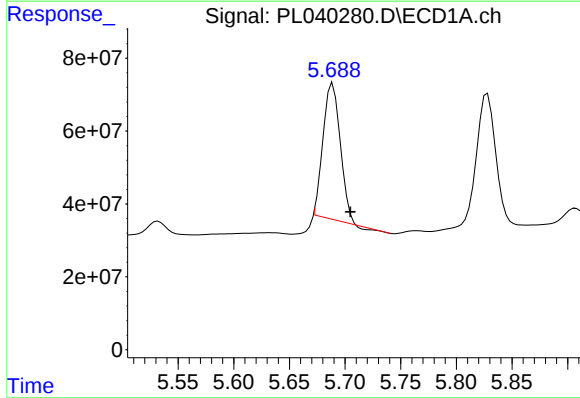
R.T.: 5.439 min  
Delta R.T.: -0.015 min  
Response: 429015081  
Conc: 40.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



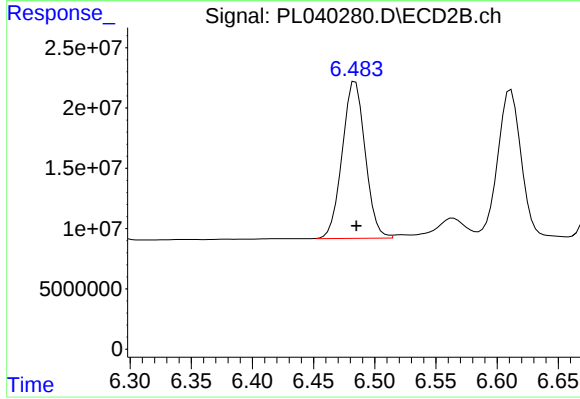
#13 Dieldrin

R.T.: 6.272 min  
Delta R.T.: -0.001 min  
Response: 195283322  
Conc: 53.63 ng/ml



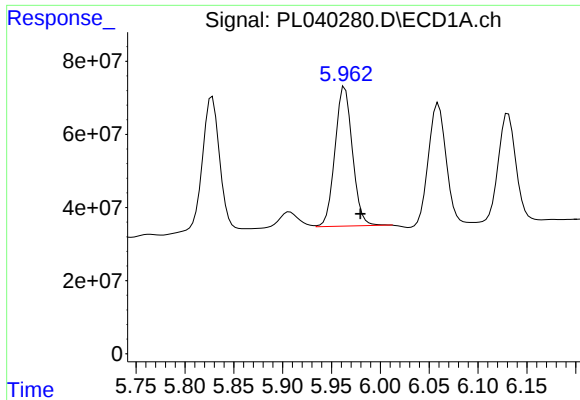
#14 Endrin

R.T.: 5.689 min  
Delta R.T.: -0.016 min  
Response: 392209513  
Conc: 39.84 ng/ml



#14 Endrin

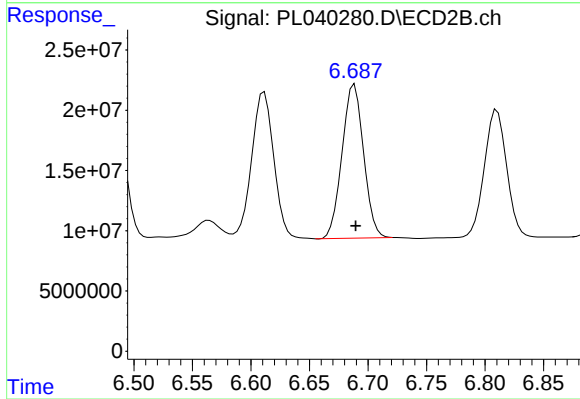
R.T.: 6.484 min  
Delta R.T.: 0.000 min  
Response: 169852051  
Conc: 53.21 ng/ml



#15 Endosulfan II

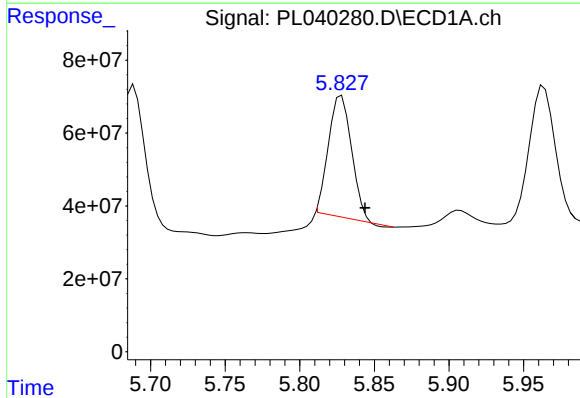
R.T.: 5.964 min  
Delta R.T.: -0.016 min  
Response: 474651738  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



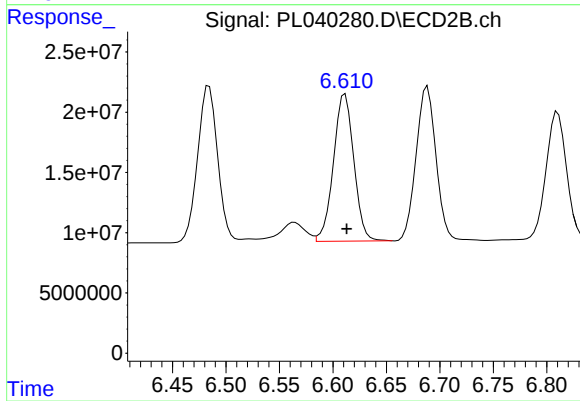
#15 Endosulfan II

R.T.: 6.688 min  
Delta R.T.: -0.001 min  
Response: 163452840  
Conc: 52.53 ng/ml



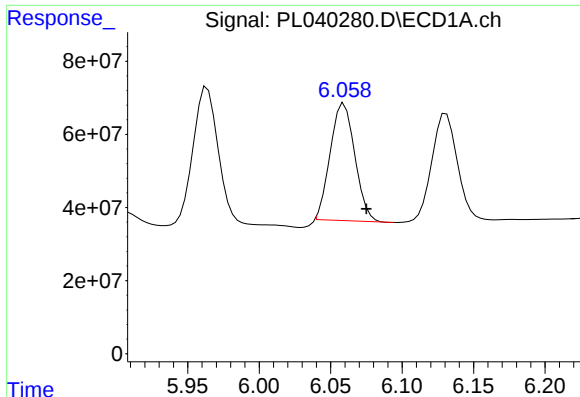
#16 4,4'-DDD

R.T.: 5.828 min  
Delta R.T.: -0.016 min  
Response: 357146823  
Conc: 41.33 ng/ml



#16 4,4'-DDD

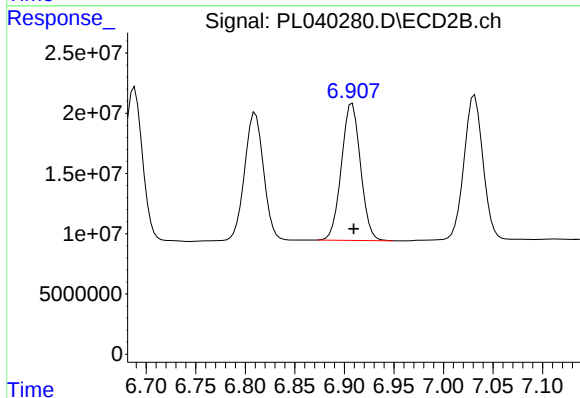
R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 162092505  
Conc: 50.61 ng/ml



#17 4,4'-DDT

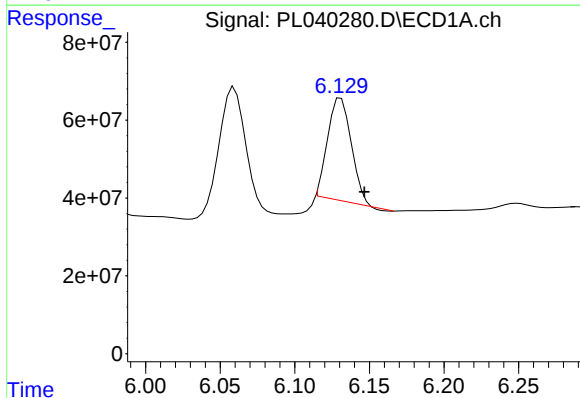
R.T.: 6.059 min  
Delta R.T.: -0.016 min  
Response: 383625356  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



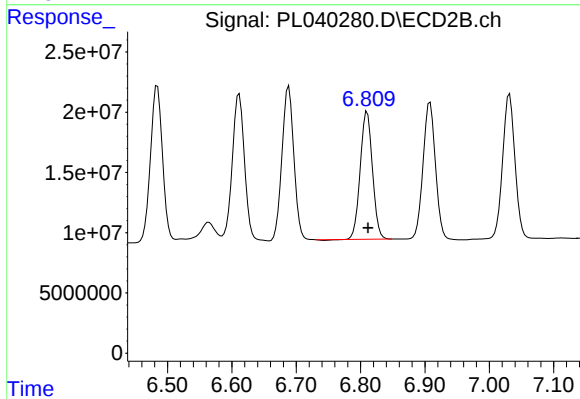
#17 4,4'-DDT

R.T.: 6.908 min  
Delta R.T.: -0.002 min  
Response: 152150515  
Conc: 53.27 ng/ml



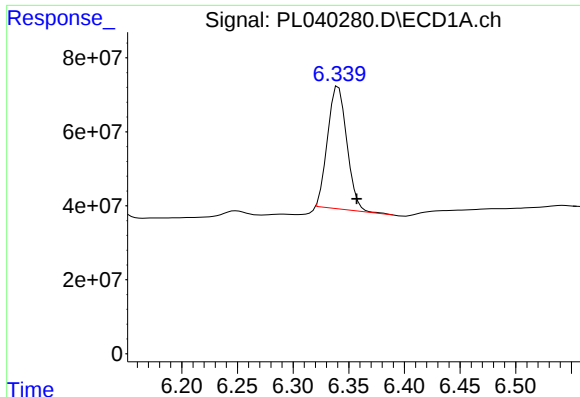
#18 Endrin aldehyde

R.T.: 6.131 min  
Delta R.T.: -0.016 min  
Response: 288885744  
Conc: 37.31 ng/ml



#18 Endrin aldehyde

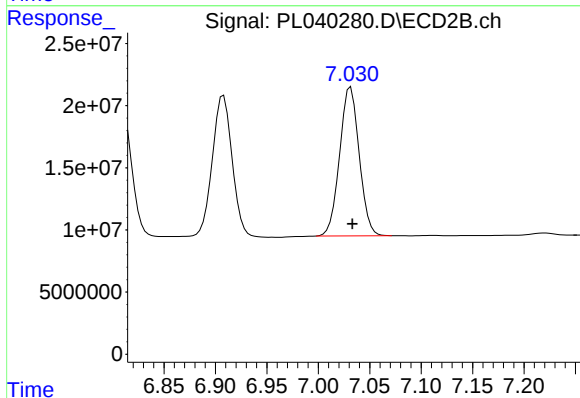
R.T.: 6.810 min  
Delta R.T.: -0.001 min  
Response: 139840067  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

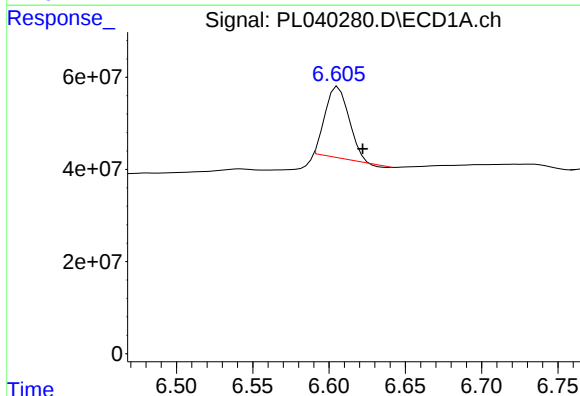
R.T.: 6.341 min  
Delta R.T.: -0.016 min  
Response: 396272568  
Conc: 44.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



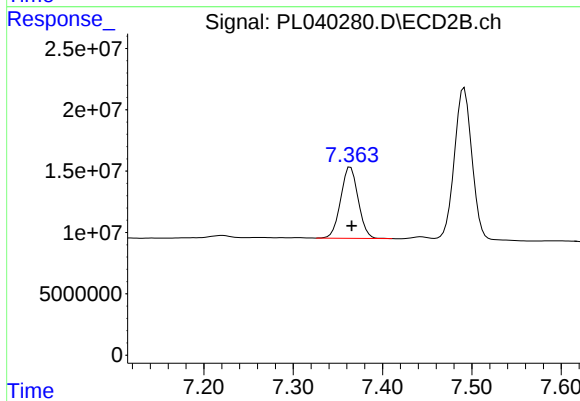
#19 Endosulfan Sulfate

R.T.: 7.032 min  
Delta R.T.: -0.002 min  
Response: 158376562  
Conc: 53.48 ng/ml



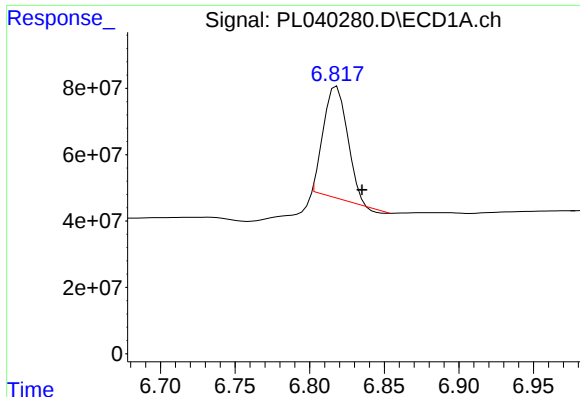
#20 Methoxychlor

R.T.: 6.606 min  
Delta R.T.: -0.016 min  
Response: 165396639  
Conc: 35.29 ng/ml



#20 Methoxychlor

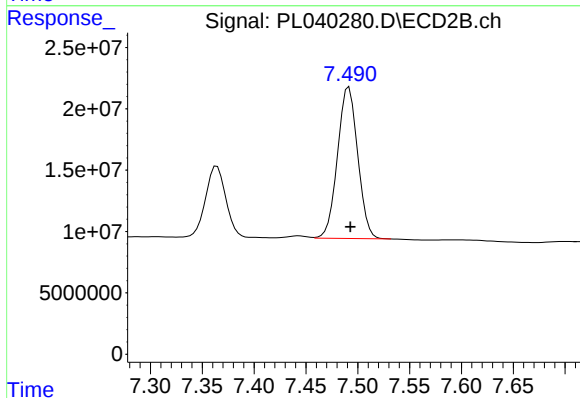
R.T.: 7.364 min  
Delta R.T.: -0.001 min  
Response: 78820374  
Conc: 51.75 ng/ml



#21 Endrin ketone

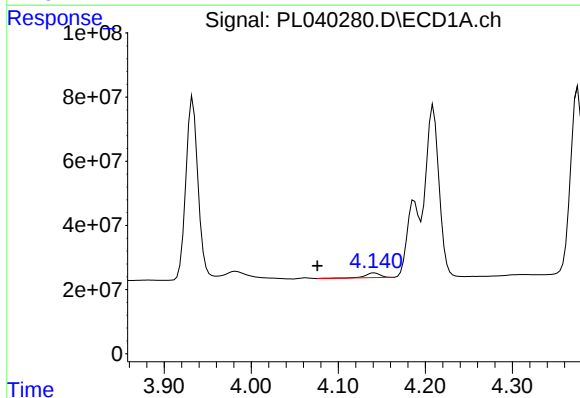
R.T.: 6.818 min  
Delta R.T.: -0.017 min  
Response: 372588560  
Conc: 38.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



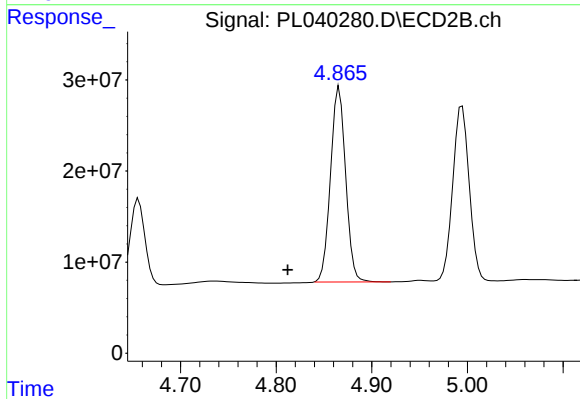
#21 Endrin ketone

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 167567273  
Conc: 57.17 ng/ml



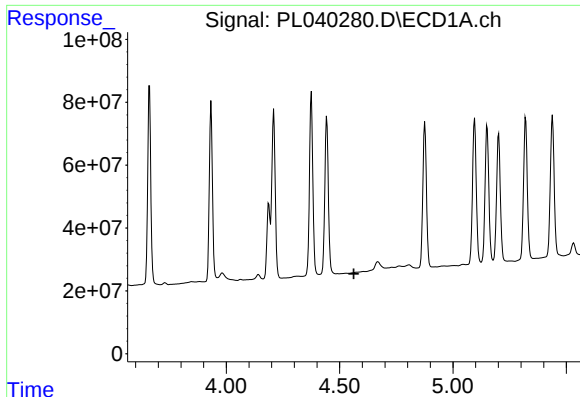
#23 Chlordane-1

R.T.: 4.142 min  
Delta R.T.: 0.066 min  
Response: 17877924  
Conc: 47.50 ng/ml



#23 Chlordane-1

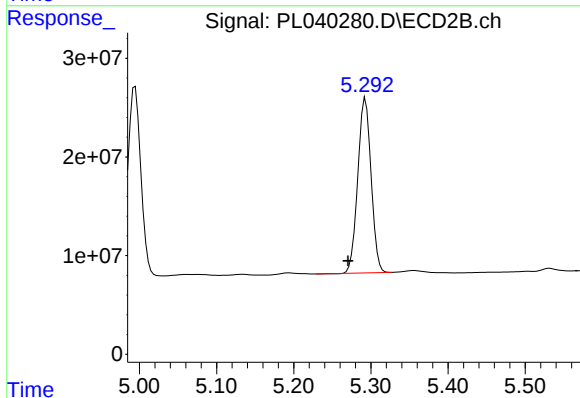
R.T.: 4.866 min  
Delta R.T.: 0.054 min  
Response: 234731274  
Conc: 1549.37 ng/ml



#24 Chlordane-2

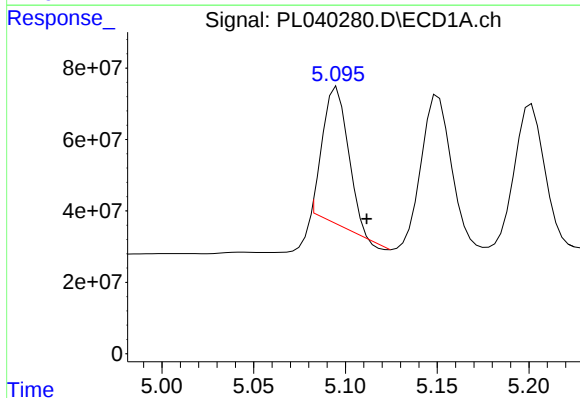
R.T.: 0.000 min  
Exp R.T.: 4.562 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



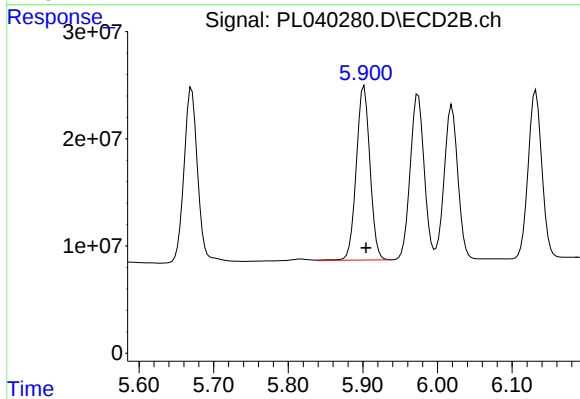
#24 Chlordane-2

R.T.: 5.293 min  
Delta R.T.: 0.023 min  
Response: 213149986  
Conc: 1292.10 ng/ml



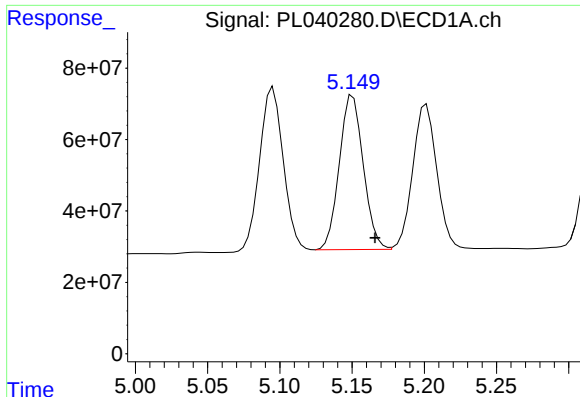
#25 Chlordane-3

R.T.: 5.095 min  
Delta R.T.: -0.016 min  
Response: 365520018  
Conc: 298.15 ng/ml



#25 Chlordane-3

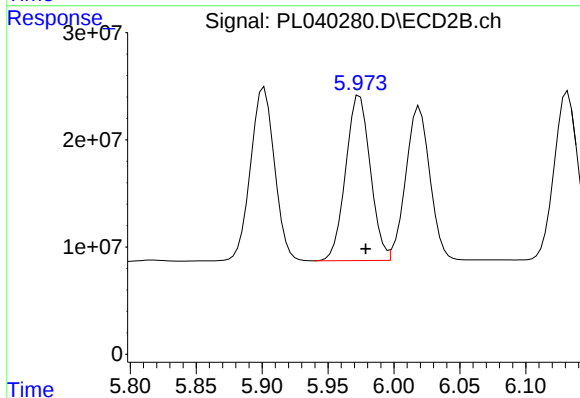
R.T.: 5.902 min  
Delta R.T.: -0.002 min  
Response: 206477350  
Conc: 386.11 ng/ml



#26 Chlordane-4

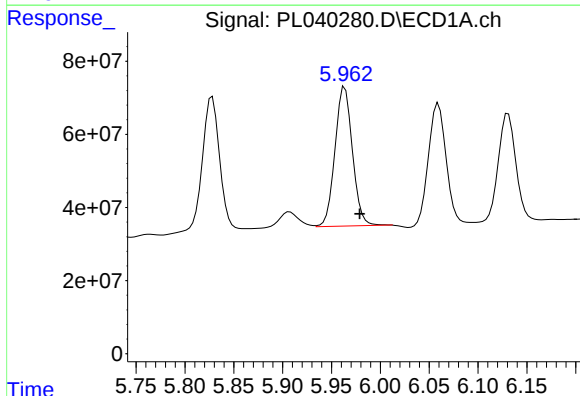
R.T.: 5.151 min  
Delta R.T.: -0.015 min  
Response: 498373826  
Conc: 432.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



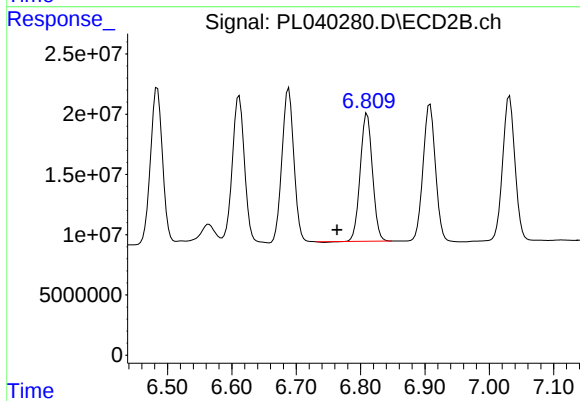
#26 Chlordane-4

R.T.: 5.974 min  
Delta R.T.: -0.005 min  
Response: 200075975  
Conc: 313.30 ng/ml



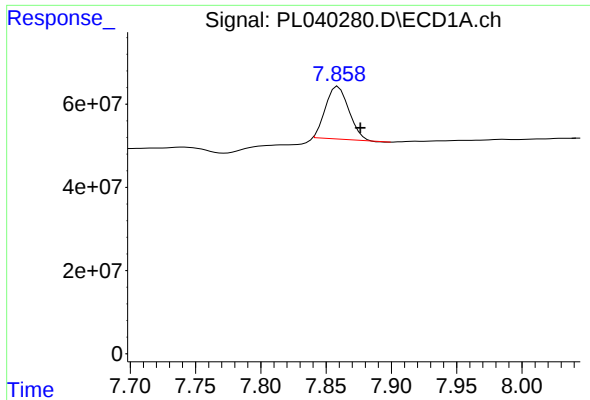
#27 Chlordane-5

R.T.: 5.964 min  
Delta R.T.: -0.015 min  
Response: 474651738  
Conc: 1144.44 ng/ml



#27 Chlordane-5

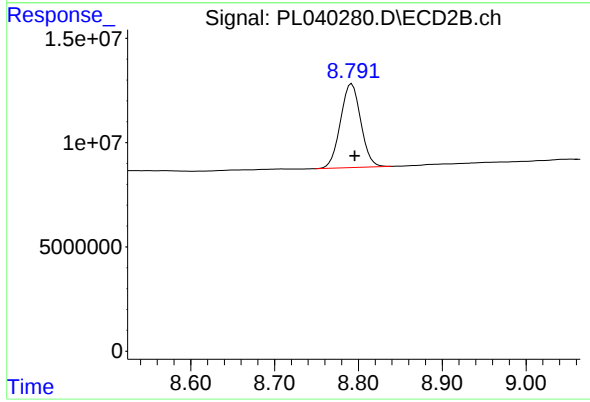
R.T.: 6.810 min  
Delta R.T.: 0.046 min  
Response: 139840067  
Conc: 1196.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.859 min  
Delta R.T.: -0.017 min  
Response: 156385508  
Conc: 17.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.004 min  
Response: 67727082  
Conc: 21.17 ng/ml