

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092518\  
 Data File : PL040355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2018 03:51  
 Operator : AJ\SJ  
 Sample : J5055-08MSD  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 08:12:59 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... | 3.238 | 3.843 | 139.7E6 | 58443616 | 18.360  | 17.897     |
| 2)                          | SA Decachlor... | 7.863 | 8.796 | 144.0E6 | 49951671 | 16.262  | 15.612     |
| Target Compounds            |                 |       |       |         |          |         |            |
| 2)                          | A alpha-BHC     | 3.662 | 4.217 | 485.6E6 | 191.0E6  | 40.422  | 40.068     |
| 3)                          | MA gamma-BHC... | 3.934 | 4.493 | 433.8E6 | 169.9E6  | 39.302  | 38.487     |
| 4)                          | MA Heptachlor   | 4.210 | 4.996 | 433.5E6 | 166.1E6  | 37.727  | 37.333     |
| 5)                          | MB Aldrin       | 4.444 | 5.294 | 397.5E6 | 148.0E6  | 37.605  | 36.252     |
| 6)                          | B beta-BHC      | 4.210 | 4.657 | 433.5E6 | 77960698 | 98.640  | 39.492 #   |
| 7)                          | B delta-BHC     | 4.376 | 4.867 | 436.4E6 | 187.0E6  | 39.111  | 41.351     |
| 8)                          | B Heptachlo...  | 4.877 | 5.672 | 400.9E6 | 132.8E6  | 39.442  | 35.973     |
| 9)                          | A Endosulfan I  | 5.203 | 6.021 | 368.0E6 | 138.5E6  | 37.166  | 39.087     |
| 10)                         | B gamma-Chl...  | 5.097 | 5.902 | 388.7E6 | 143.9E6  | 35.993  | 37.363     |
| 11)                         | B alpha-Chl...  | 5.153 | 5.975 | 380.8E6 | 144.8E6  | 36.533  | 38.068     |
| 12)                         | B 4,4'-DDE      | 5.322 | 6.133 | 378.0E6 | 142.1E6  | 35.862  | 37.489     |
| 13)                         | MA Dieldrin     | 5.440 | 6.273 | 410.1E6 | 146.9E6  | 38.471  | 40.346     |
| 14)                         | MA Endrin       | 5.691 | 6.486 | 391.6E6 | 136.1E6  | 39.772  | 42.633     |
| 15)                         | B Endosulfa...  | 5.965 | 6.690 | 375.1E6 | 128.5E6  | 36.107  | 41.305     |
| 16)                         | A 4,4'-DDD      | 5.830 | 6.613 | 327.2E6 | 124.0E6  | 37.867  | 38.716     |
| 17)                         | MA 4,4'-DDT     | 6.061 | 6.910 | 327.8E6 | 121.3E6  | 38.775  | 42.460     |
| 18)                         | B Endrin al...  | 6.132 | 6.813 | 304.4E6 | 109.5E6  | 39.318  | 39.947     |
| 19)                         | B Endosulfa...  | 6.343 | 7.034 | 382.6E6 | 130.4E6  | 42.729  | 44.029     |
| 20)                         | A Methoxychlor  | 6.609 | 7.367 | 198.0E6 | 70858460 | 42.235  | 46.518     |
| 21)                         | B Endrin ke...  | 6.820 | 7.494 | 431.9E6 | 135.8E6  | 44.196  | 46.347     |
| 23)                         | Chlordane-1     | 0.000 | 4.867 | 0       | 187.0E6  | N.D.    | 1234.599 # |
| 24)                         | Chlordane-2     | 0.000 | 5.294 | 0       | 148.0E6  | N.D.    | 896.952 #  |
| 25)                         | Chlordane-3     | 5.097 | 5.902 | 388.7E6 | 143.9E6  | 317.045 | 269.018    |
| 26)                         | Chlordane-4     | 5.153 | 5.975 | 380.8E6 | 144.8E6  | 330.090 | 226.700 #  |
| 27)                         | Chlordane-5     | 5.965 | 6.813 | 375.1E6 | 109.5E6  | 904.401 | 937.131    |
| -----                       |                 |       |       |         |          |         |            |

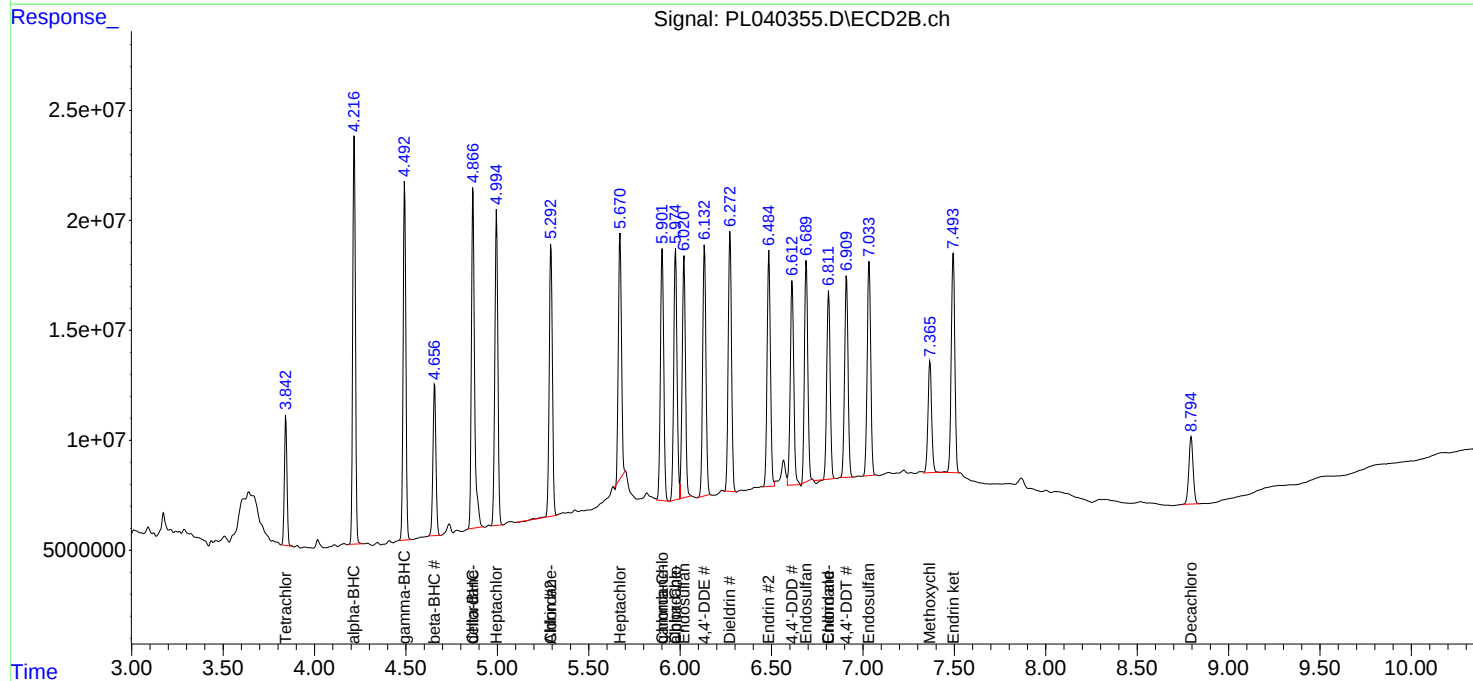
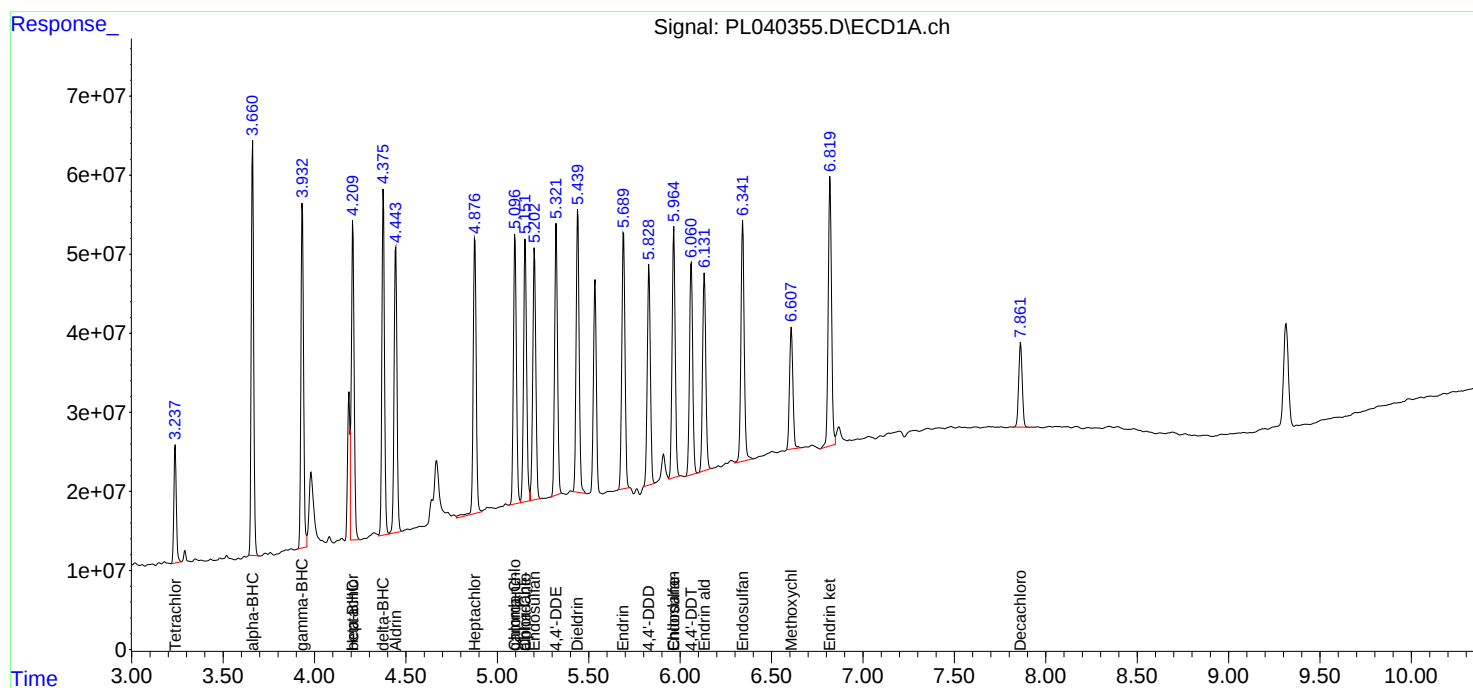
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

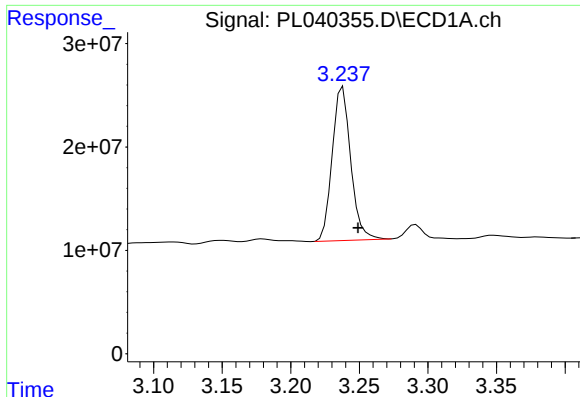
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092518\  
Data File : PL040355.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2018 03:51  
Operator : AJ\SJ  
Sample : J5055-08MSD  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 08:12:59 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

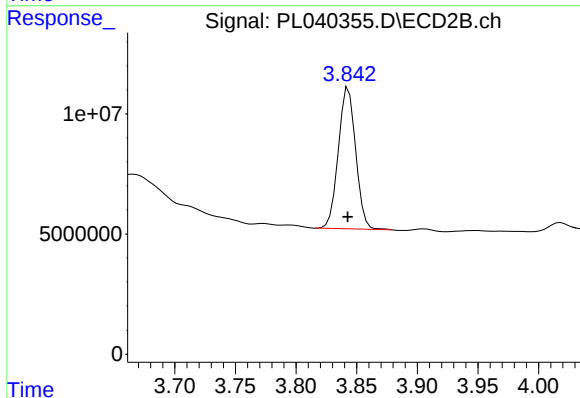




#1 Tetrachloro-m-xylene

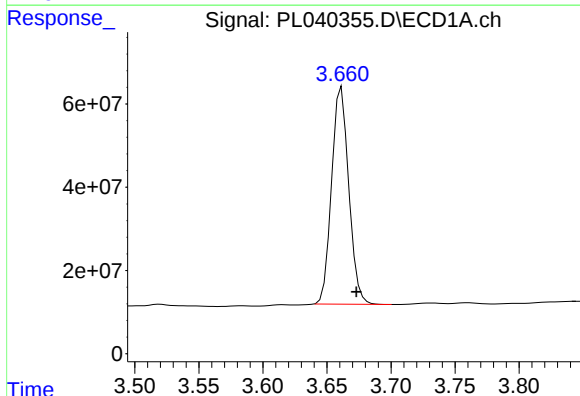
R.T.: 3.238 min  
Delta R.T.: -0.011 min  
Response: 139682017  
Conc: 18.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



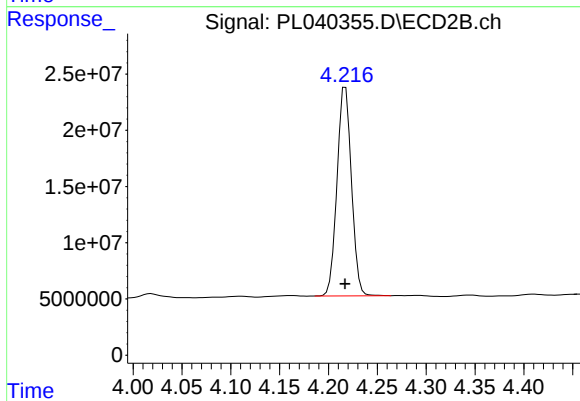
#1 Tetrachloro-m-xylene

R.T.: 3.843 min  
Delta R.T.: 0.000 min  
Response: 58443616  
Conc: 17.90 ng/ml



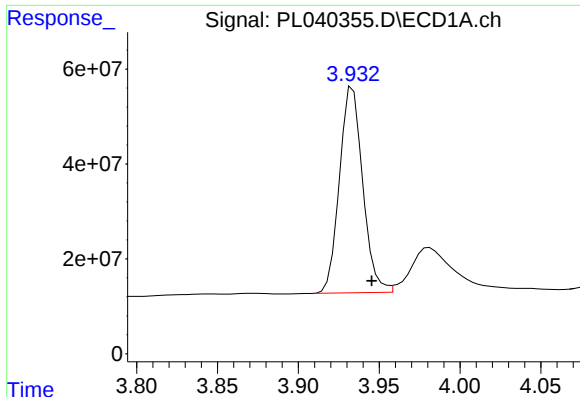
#2 alpha-BHC

R.T.: 3.662 min  
Delta R.T.: -0.011 min  
Response: 485641314  
Conc: 40.42 ng/ml



#2 alpha-BHC

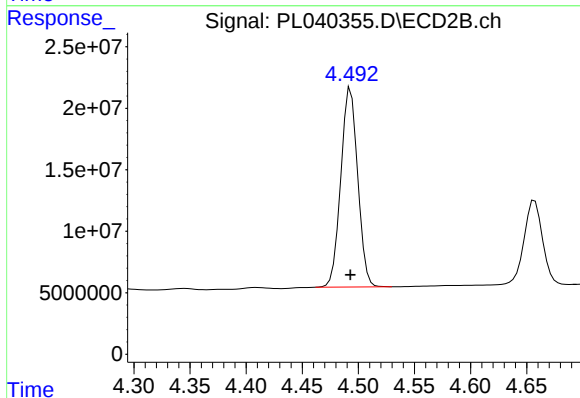
R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 191034034  
Conc: 40.07 ng/ml



#3 gamma-BHC (Lindane)

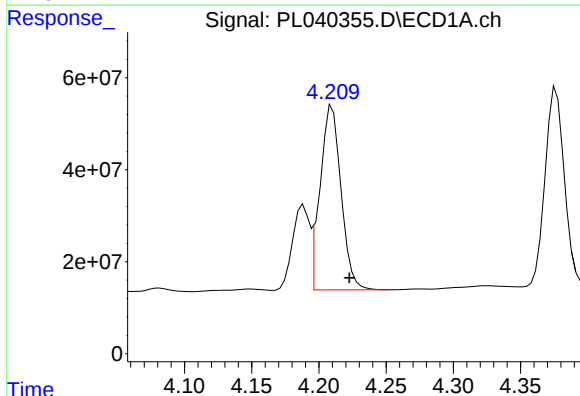
R.T.: 3.934 min  
Delta R.T.: -0.012 min  
Response: 433769697  
Conc: 39.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



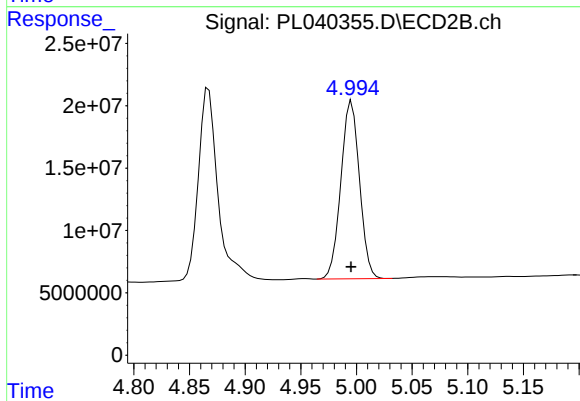
#3 gamma-BHC (Lindane)

R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 169932646  
Conc: 38.49 ng/ml



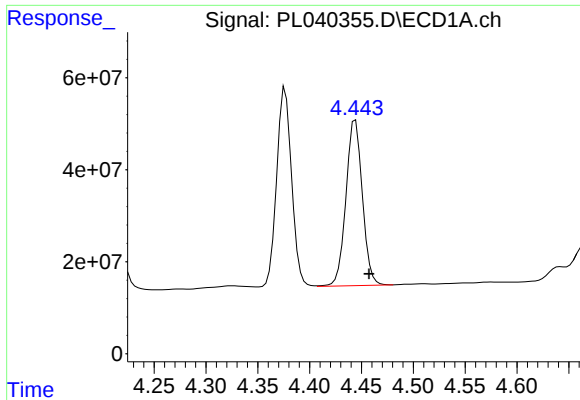
#4 Heptachlor

R.T.: 4.210 min  
Delta R.T.: -0.013 min  
Response: 433489140  
Conc: 37.73 ng/ml



#4 Heptachlor

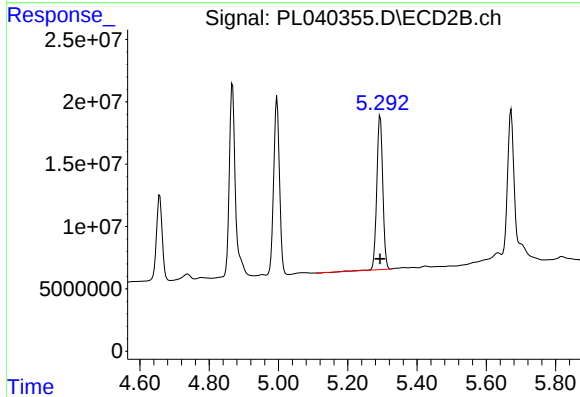
R.T.: 4.996 min  
Delta R.T.: 0.000 min  
Response: 166128886  
Conc: 37.33 ng/ml



#5 Aldrin

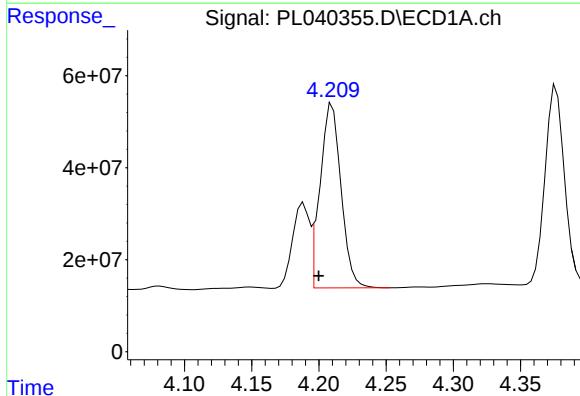
R.T.: 4.444 min  
Delta R.T.: -0.013 min  
Response: 397493621  
Conc: 37.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



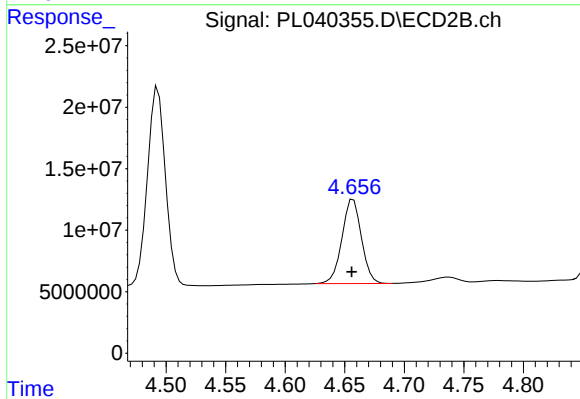
#5 Aldrin

R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 147964418  
Conc: 36.25 ng/ml



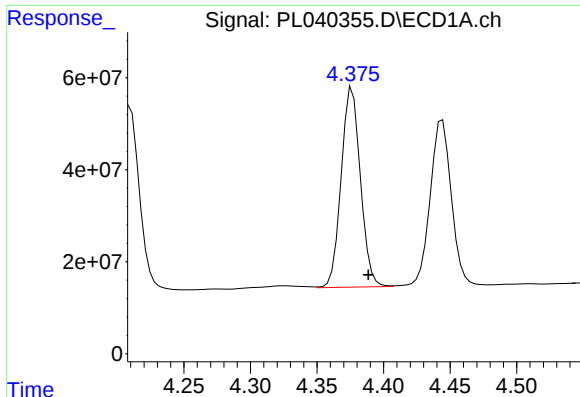
#6 beta-BHC

R.T.: 4.210 min  
Delta R.T.: 0.010 min  
Response: 433489140  
Conc: 98.64 ng/ml



#6 beta-BHC

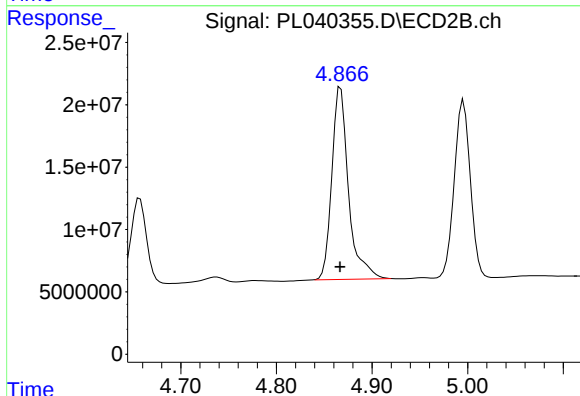
R.T.: 4.657 min  
Delta R.T.: 0.001 min  
Response: 77960698  
Conc: 39.49 ng/ml



#7 delta-BHC

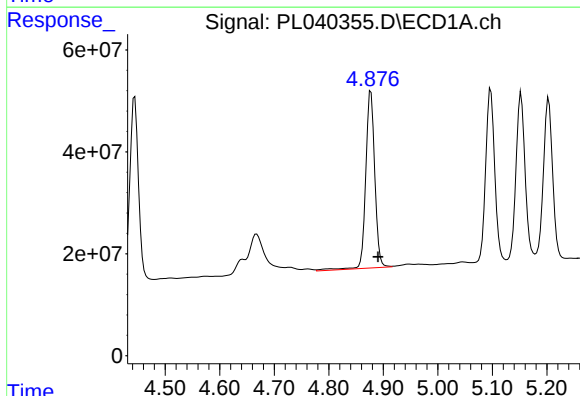
R.T.: 4.376 min  
Delta R.T.: -0.012 min  
Response: 436442449  
Conc: 39.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



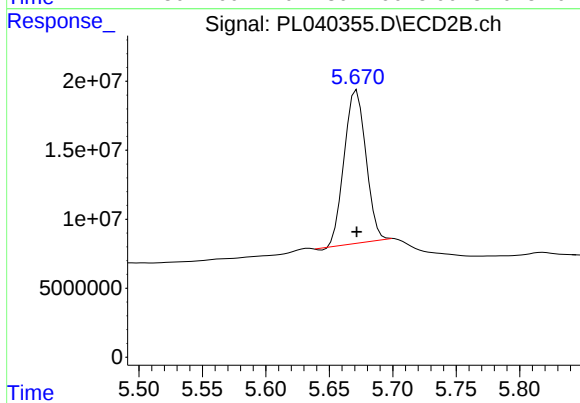
#7 delta-BHC

R.T.: 4.867 min  
Delta R.T.: 0.000 min  
Response: 187043067  
Conc: 41.35 ng/ml



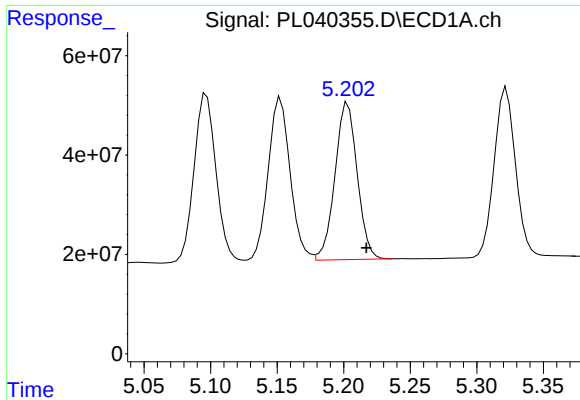
#8 Heptachlor epoxide

R.T.: 4.877 min  
Delta R.T.: -0.013 min  
Response: 400937703  
Conc: 39.44 ng/ml



#8 Heptachlor epoxide

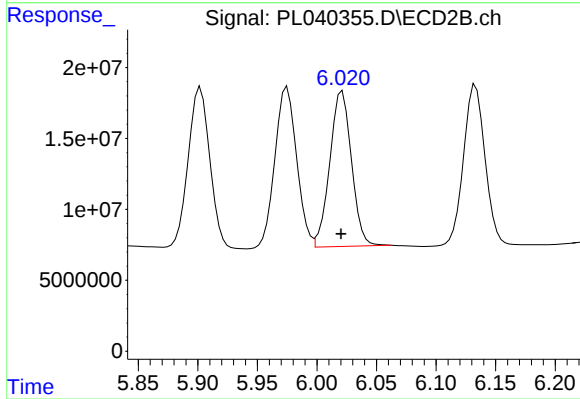
R.T.: 5.672 min  
Delta R.T.: 0.000 min  
Response: 132810073  
Conc: 35.97 ng/ml



#9 Endosulfan I

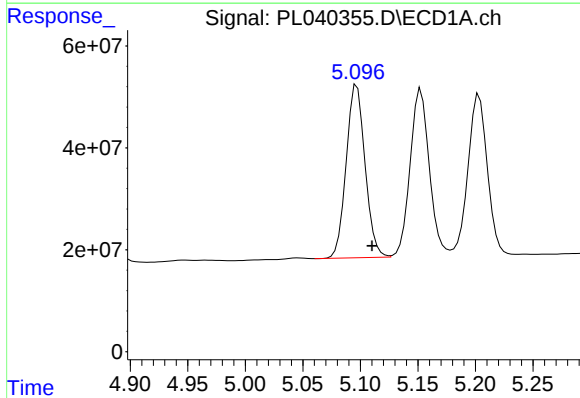
R.T.: 5.203 min  
Delta R.T.: -0.014 min  
Response: 367952173  
Conc: 37.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



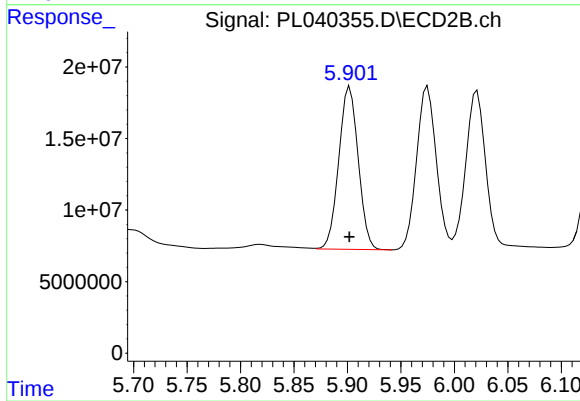
#9 Endosulfan I

R.T.: 6.021 min  
Delta R.T.: 0.001 min  
Response: 138526530  
Conc: 39.09 ng/ml



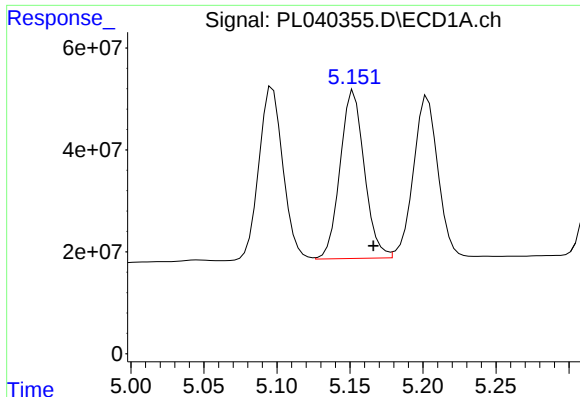
#10 gamma-Chlordane

R.T.: 5.097 min  
Delta R.T.: -0.013 min  
Response: 388682107  
Conc: 35.99 ng/ml



#10 gamma-Chlordane

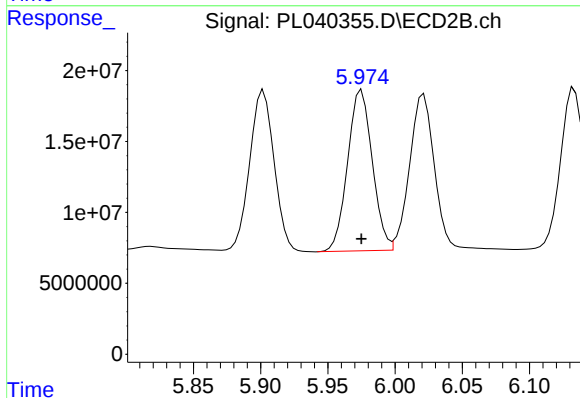
R.T.: 5.902 min  
Delta R.T.: 0.000 min  
Response: 143860694  
Conc: 37.36 ng/ml



#11 alpha-Chlordane

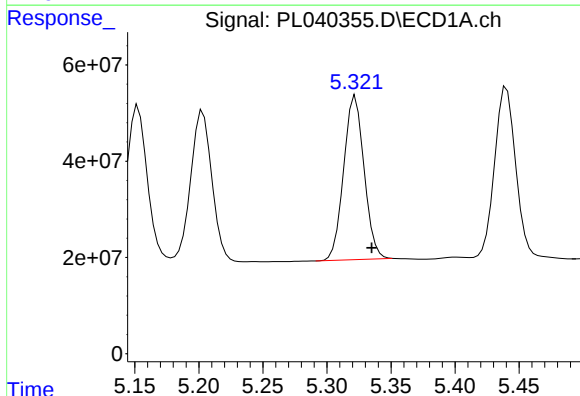
R.T.: 5.153 min  
Delta R.T.: -0.013 min  
Response: 380763436  
Conc: 36.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



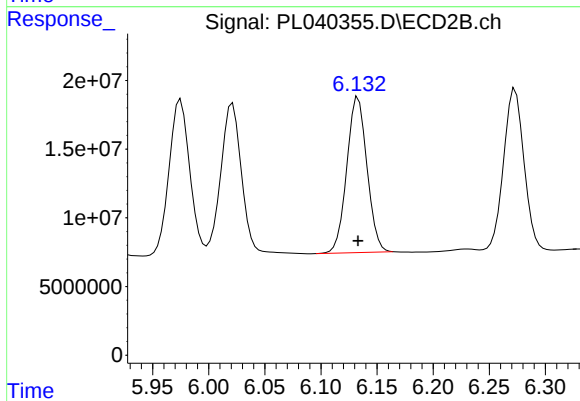
#11 alpha-Chlordane

R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 144770923  
Conc: 38.07 ng/ml



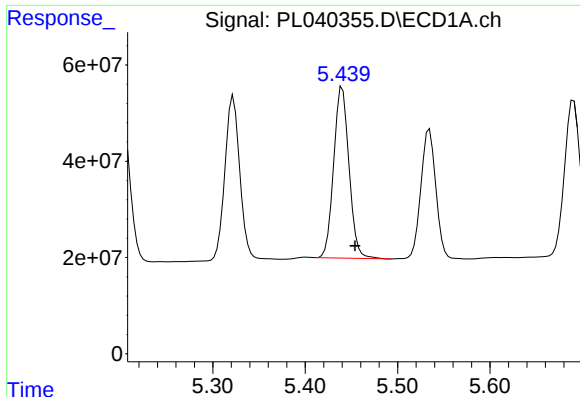
#12 4,4'-DDE

R.T.: 5.322 min  
Delta R.T.: -0.013 min  
Response: 377950806  
Conc: 35.86 ng/ml



#12 4,4'-DDE

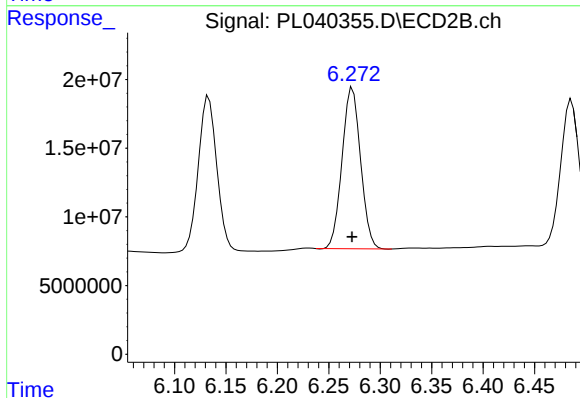
R.T.: 6.133 min  
Delta R.T.: 0.000 min  
Response: 142063866  
Conc: 37.49 ng/ml



#13 Dieldrin

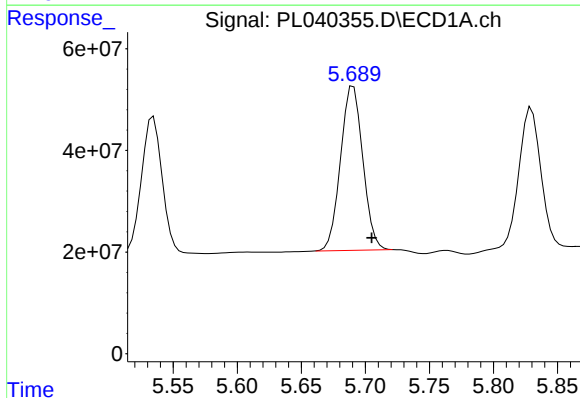
R.T.: 5.440 min  
Delta R.T.: -0.014 min  
Response: 410081048  
Conc: 38.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



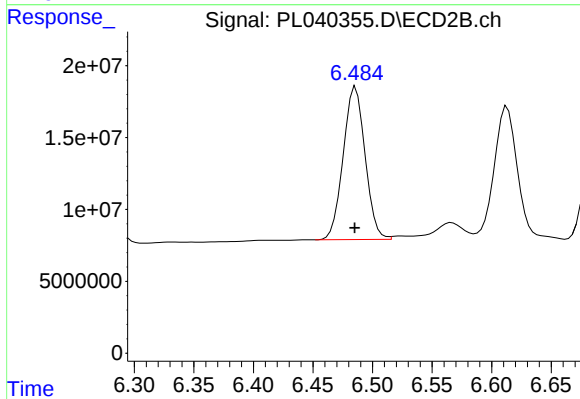
#13 Dieldrin

R.T.: 6.273 min  
Delta R.T.: 0.000 min  
Response: 146909117  
Conc: 40.35 ng/ml



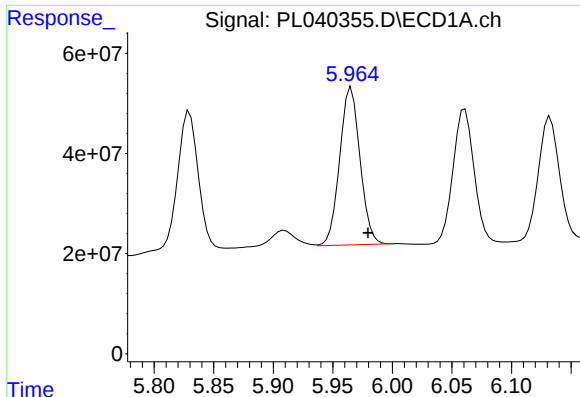
#14 Endrin

R.T.: 5.691 min  
Delta R.T.: -0.014 min  
Response: 391560811  
Conc: 39.77 ng/ml



#14 Endrin

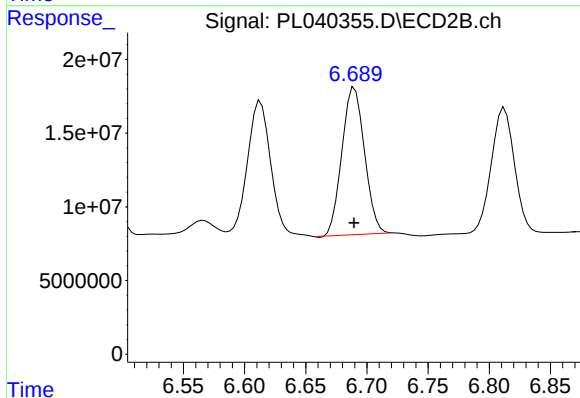
R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 136085926  
Conc: 42.63 ng/ml



#15 Endosulfan II

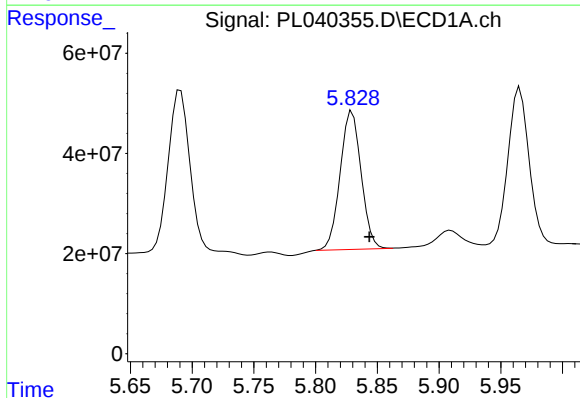
R.T.: 5.965 min  
Delta R.T.: -0.014 min  
Response: 375096093  
Conc: 36.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



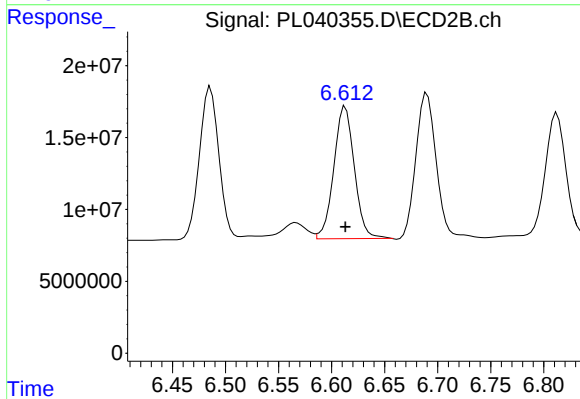
#15 Endosulfan II

R.T.: 6.690 min  
Delta R.T.: 0.000 min  
Response: 128514583  
Conc: 41.30 ng/ml



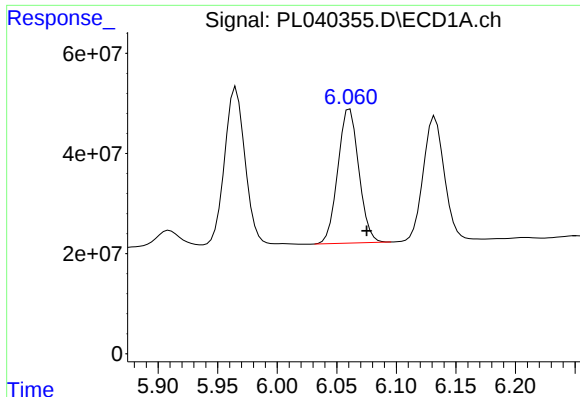
#16 4,4'-DDD

R.T.: 5.830 min  
Delta R.T.: -0.014 min  
Response: 327240014  
Conc: 37.87 ng/ml



#16 4,4'-DDD

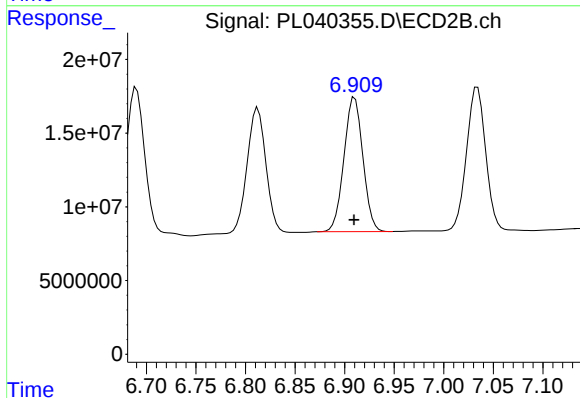
R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 123993191  
Conc: 38.72 ng/ml



#17 4,4'-DDT

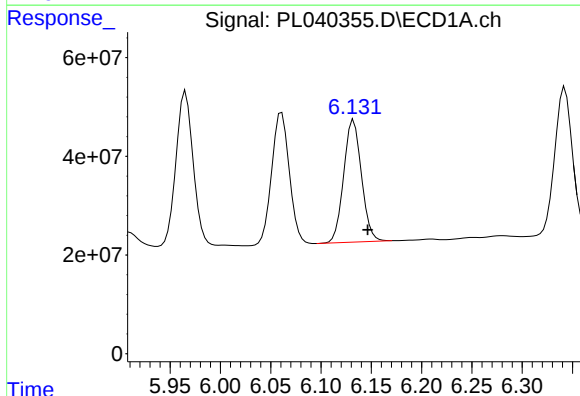
R.T.: 6.061 min  
Delta R.T.: -0.014 min  
Response: 327797461  
Conc: 38.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



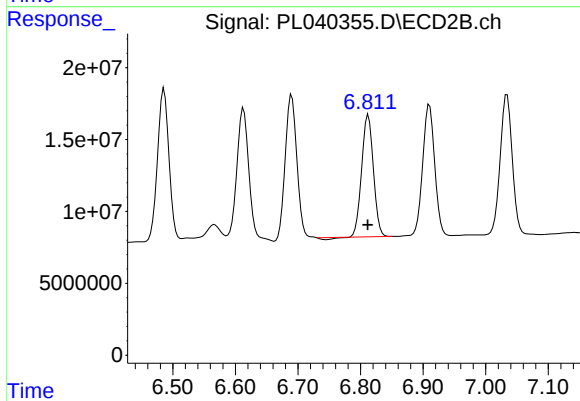
#17 4,4'-DDT

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 121279301  
Conc: 42.46 ng/ml



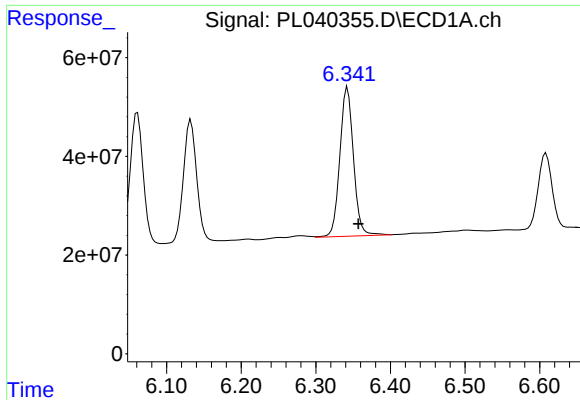
#18 Endrin aldehyde

R.T.: 6.132 min  
Delta R.T.: -0.014 min  
Response: 304431624  
Conc: 39.32 ng/ml



#18 Endrin aldehyde

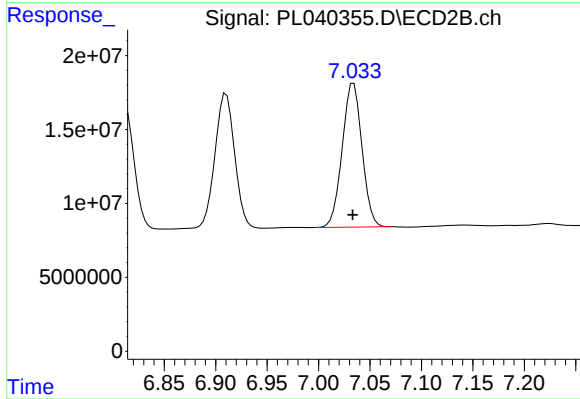
R.T.: 6.813 min  
Delta R.T.: 0.001 min  
Response: 109504973  
Conc: 39.95 ng/ml



#19 Endosulfan Sulfate

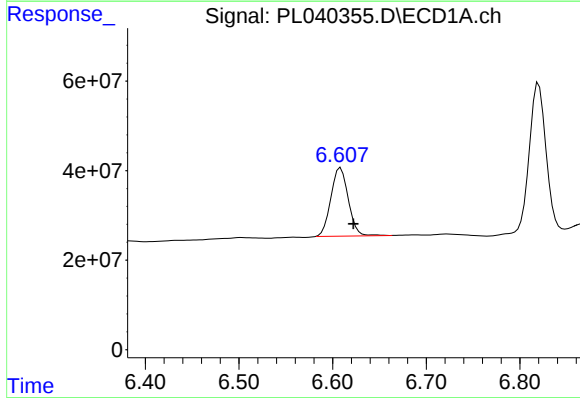
R.T.: 6.343 min  
Delta R.T.: -0.014 min  
Response: 382606115  
Conc: 42.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



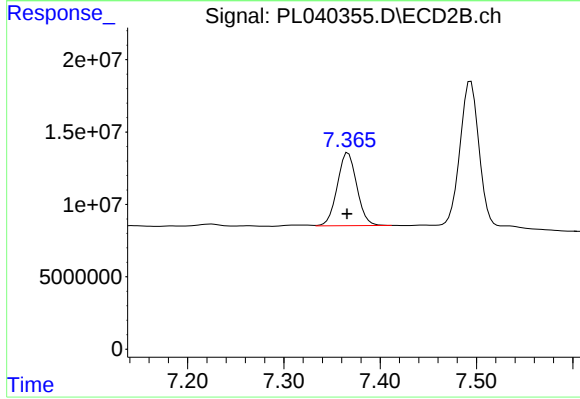
#19 Endosulfan Sulfate

R.T.: 7.034 min  
Delta R.T.: 0.000 min  
Response: 130382054  
Conc: 44.03 ng/ml



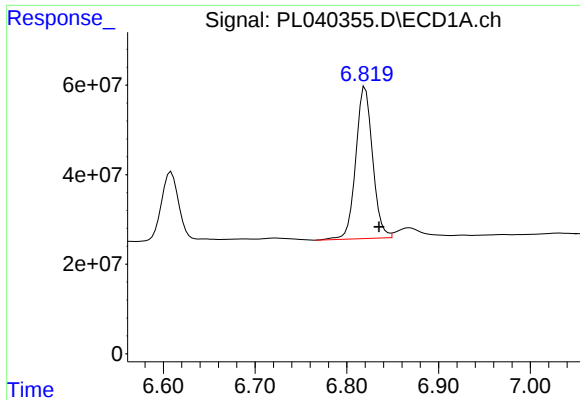
#20 Methoxychlor

R.T.: 6.609 min  
Delta R.T.: -0.014 min  
Response: 197951755  
Conc: 42.24 ng/ml



#20 Methoxychlor

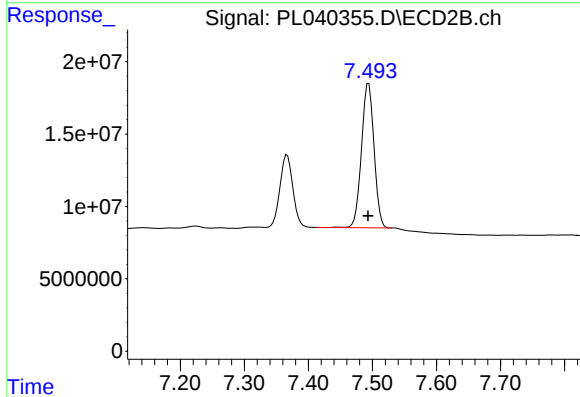
R.T.: 7.367 min  
Delta R.T.: 0.001 min  
Response: 70858460  
Conc: 46.52 ng/ml



#21 Endrin ketone

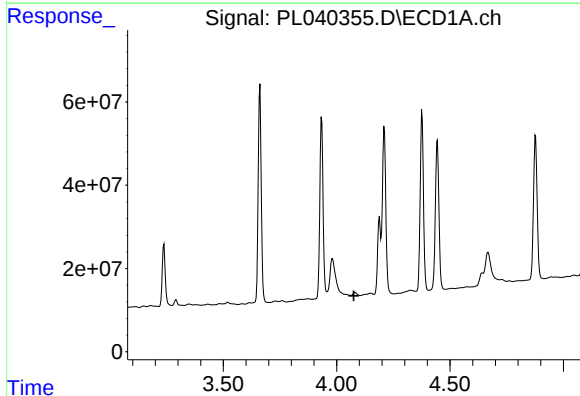
R.T.: 6.820 min  
Delta R.T.: -0.015 min  
Response: 431943069  
Conc: 44.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



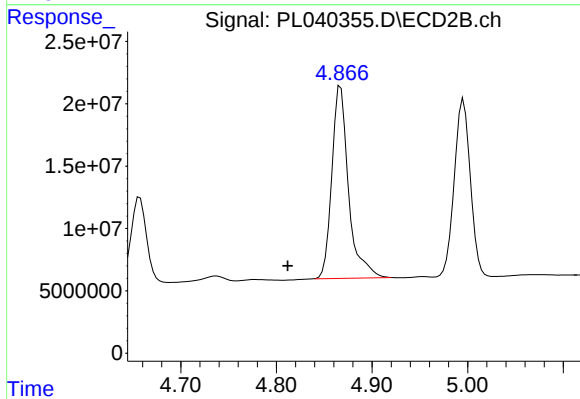
#21 Endrin ketone

R.T.: 7.494 min  
Delta R.T.: 0.001 min  
Response: 135831897  
Conc: 46.35 ng/ml



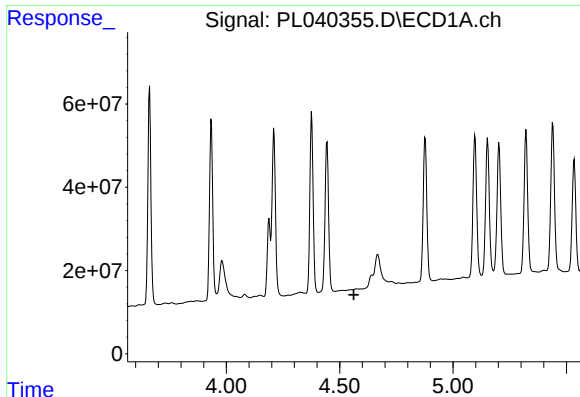
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.076 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

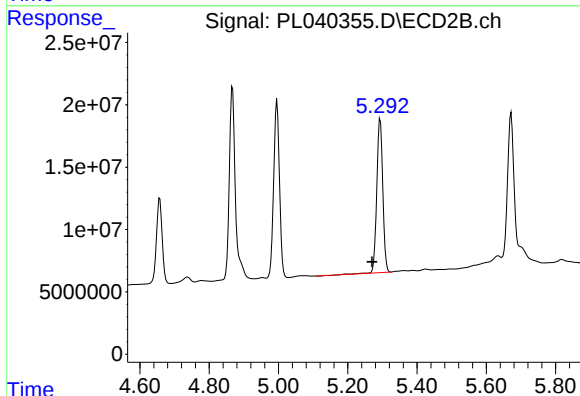
R.T.: 4.867 min  
Delta R.T.: 0.055 min  
Response: 187043067  
Conc: 1234.60 ng/ml



#24 Chlordane-2

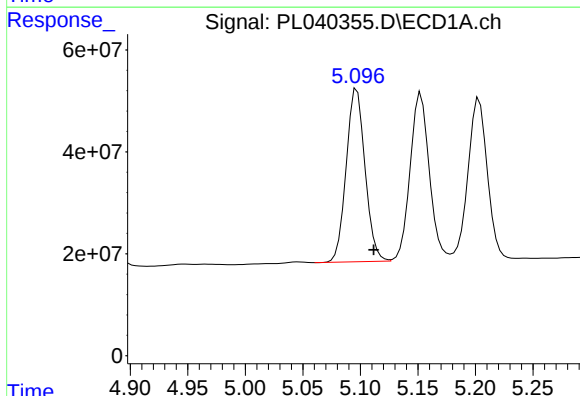
R.T.: 0.000 min  
Exp R.T.: 4.562 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



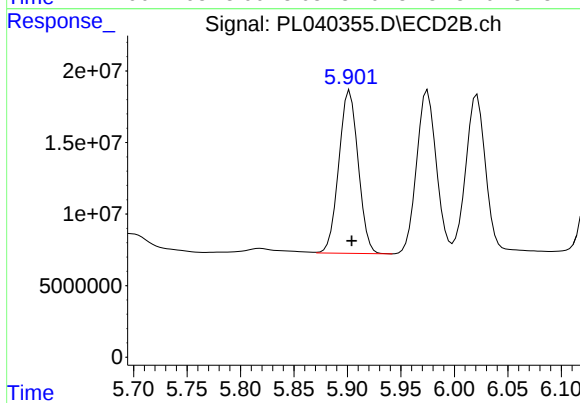
#24 Chlordane-2

R.T.: 5.294 min  
Delta R.T.: 0.023 min  
Response: 147964418  
Conc: 896.95 ng/ml



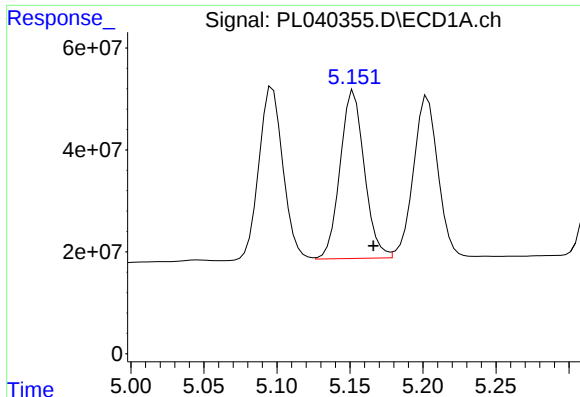
#25 Chlordane-3

R.T.: 5.097 min  
Delta R.T.: -0.015 min  
Response: 388682107  
Conc: 317.04 ng/ml



#25 Chlordane-3

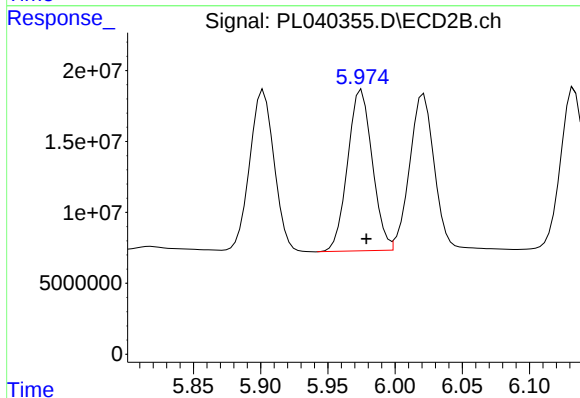
R.T.: 5.902 min  
Delta R.T.: -0.002 min  
Response: 143860694  
Conc: 269.02 ng/ml



#26 Chlordane-4

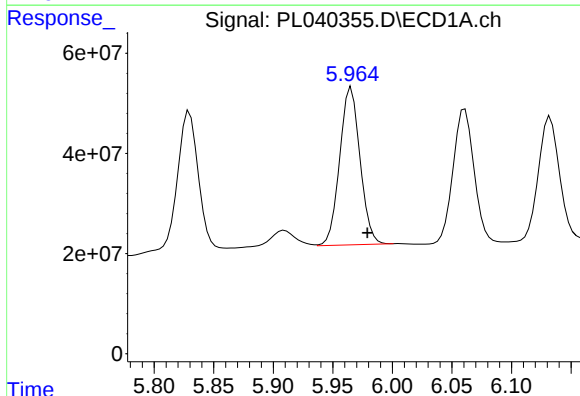
R.T.: 5.153 min  
Delta R.T.: -0.013 min  
Response: 380763436  
Conc: 330.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



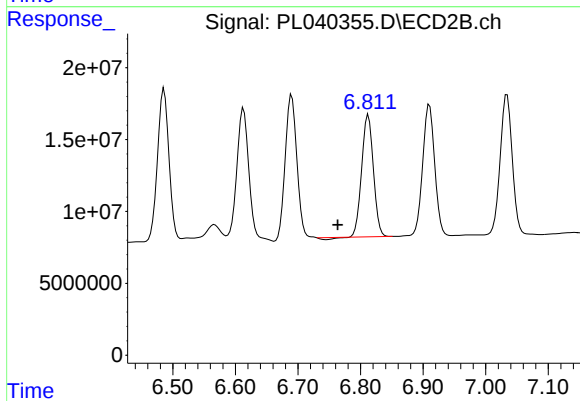
#26 Chlordane-4

R.T.: 5.975 min  
Delta R.T.: -0.004 min  
Response: 144770923  
Conc: 226.70 ng/ml



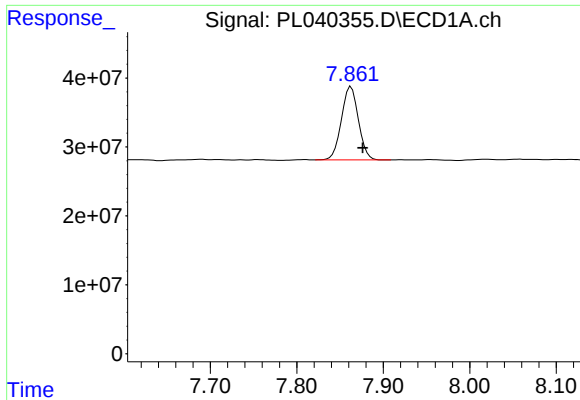
#27 Chlordane-5

R.T.: 5.965 min  
Delta R.T.: -0.013 min  
Response: 375096093  
Conc: 904.40 ng/ml



#27 Chlordane-5

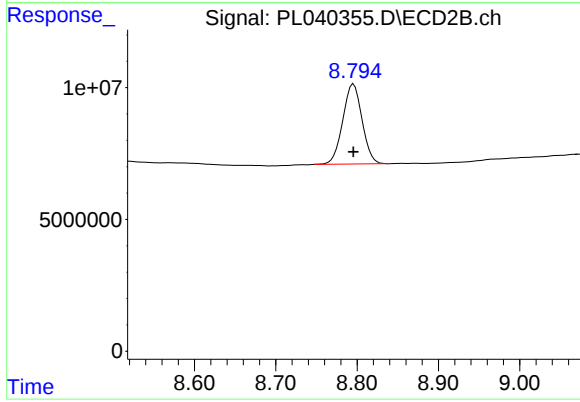
R.T.: 6.813 min  
Delta R.T.: 0.049 min  
Response: 109504973  
Conc: 937.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.863 min  
Delta R.T.: -0.013 min  
Response: 144017505  
Conc: 16.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.796 min  
Delta R.T.: 0.000 min  
Response: 49951671  
Conc: 15.61 ng/ml