

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102418\  
 Data File : PL041318.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2018 21:46  
 Operator : AJ\SJ  
 Sample : PB114143BS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 04:36:15 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 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... | 3.475 | 4.104 | 112.6E6 | 59837585 | 20.552   | 21.460     |
| 28)                         | SA Decachlor... | 8.219 | 9.234 | 110.7E6 | 48848750 | 21.281   | 18.891     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.916 | 4.499 | 461.3E6 | 224.5E6  | 58.223   | 58.031     |
| 3)                          | MA gamma-BHC... | 4.200 | 4.787 | 424.2E6 | 210.3E6  | 58.096   | 59.065     |
| 4)                          | MA Heptachlor   | 4.497 | 5.303 | 441.1E6 | 207.5E6  | 59.853   | 61.318     |
| 5)                          | MB Aldrin       | 4.743 | 5.612 | 412.8E6 | 198.1E6  | 60.137   | 65.622     |
| 6)                          | B beta-BHC      | 4.452 | 4.955 | 175.3E6 | 86689023 | 55.257   | 54.089     |
| 7)                          | B delta-BHC     | 4.655 | 5.176 | 378.8E6 | 193.0E6  | 56.839   | 58.782     |
| 8)                          | B Heptachlo...  | 5.187 | 6.000 | 383.9E6 | 175.4E6  | 58.530   | 61.169     |
| 9)                          | A Endosulfan I  | 5.524 | 6.360 | 349.6E6 | 157.3E6  | 58.353   | 61.415     |
| 10)                         | B gamma-Chl...  | 5.413 | 6.234 | 349.3E6 | 172.1E6  | 53.112   | 61.372     |
| 11)                         | B alpha-Chl...  | 5.470 | 6.308 | 372.4E6 | 167.0E6  | 57.244   | 60.162     |
| 12)                         | B 4,4'-DDE      | 5.637 | 6.462 | 340.9E6 | 165.9E6  | 59.978   | 62.721     |
| 13)                         | MA Dieldrin     | 5.768 | 6.618 | 381.1E6 | 164.0E6  | 60.285   | 61.604     |
| 14)                         | MA Endrin       | 6.024 | 6.838 | 334.4E6 | 132.6E6  | 58.223   | 59.421     |
| 15)                         | B Endosulfa...  | 6.299 | 7.046 | 317.9E6 | 131.2E6  | 56.712   | 55.251     |
| 16)                         | A 4,4'-DDD      | 6.153 | 6.954 | 259.1E6 | 121.5E6  | 57.372   | 58.018     |
| 17)                         | MA 4,4'-DDT     | 6.391 | 7.255 | 269.9E6 | 125.2E6  | 59.259   | 60.187     |
| 18)                         | B Endrin al...  | 6.467 | 7.170 | 170.7E6 | 109.8E6  | 40.715   | 55.357 #   |
| 19)                         | B Endosulfa...  | 6.680 | 7.393 | 304.7E6 | 129.1E6  | 59.880   | 57.757     |
| 20)                         | A Methoxychlor  | 6.939 | 7.710 | 131.0E6 | 64628953 | 50.344   | 54.903     |
| 21)                         | B Endrin ke...  | 7.170 | 7.867 | 319.9E6 | 133.5E6  | 61.115   | 56.755     |
| 23)                         | Chlordane-1     | 4.412 | 5.176 | 5352500 | 193.0E6  | 20.972   | 1562.181 # |
| 24)                         | Chlordane-2     | 0.000 | 5.612 | 0       | 198.1E6  | N.D.     | 1601.473 # |
| 25)                         | Chlordane-3     | 5.413 | 6.234 | 349.3E6 | 172.1E6  | 456.363  | 426.971    |
| 26)                         | Chlordane-4     | 5.470 | 6.308 | 372.4E6 | 167.0E6  | 555.465  | 351.812 #  |
| 27)                         | Chlordane-5     | 6.299 | 7.170 | 317.9E6 | 109.8E6  | 1466.751 | 1241.340   |
| -----                       |                 |       |       |         |          |          |            |

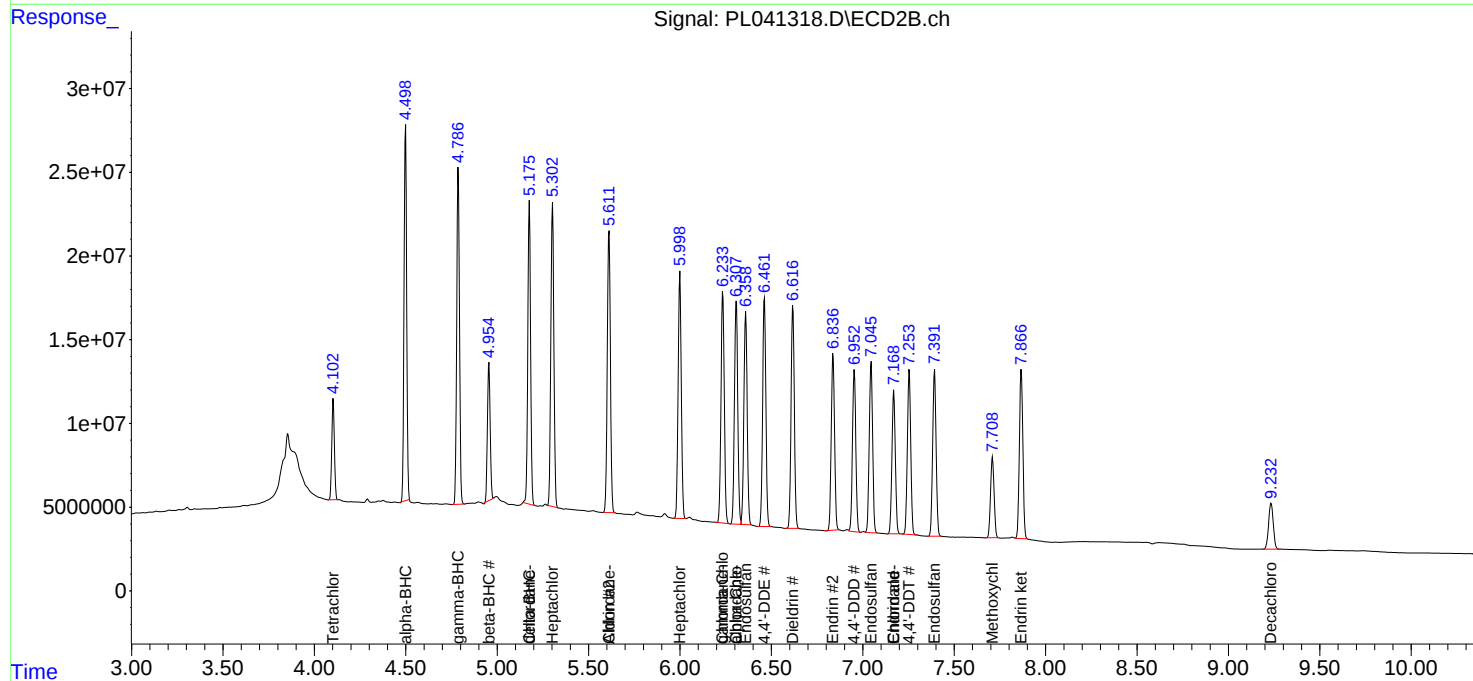
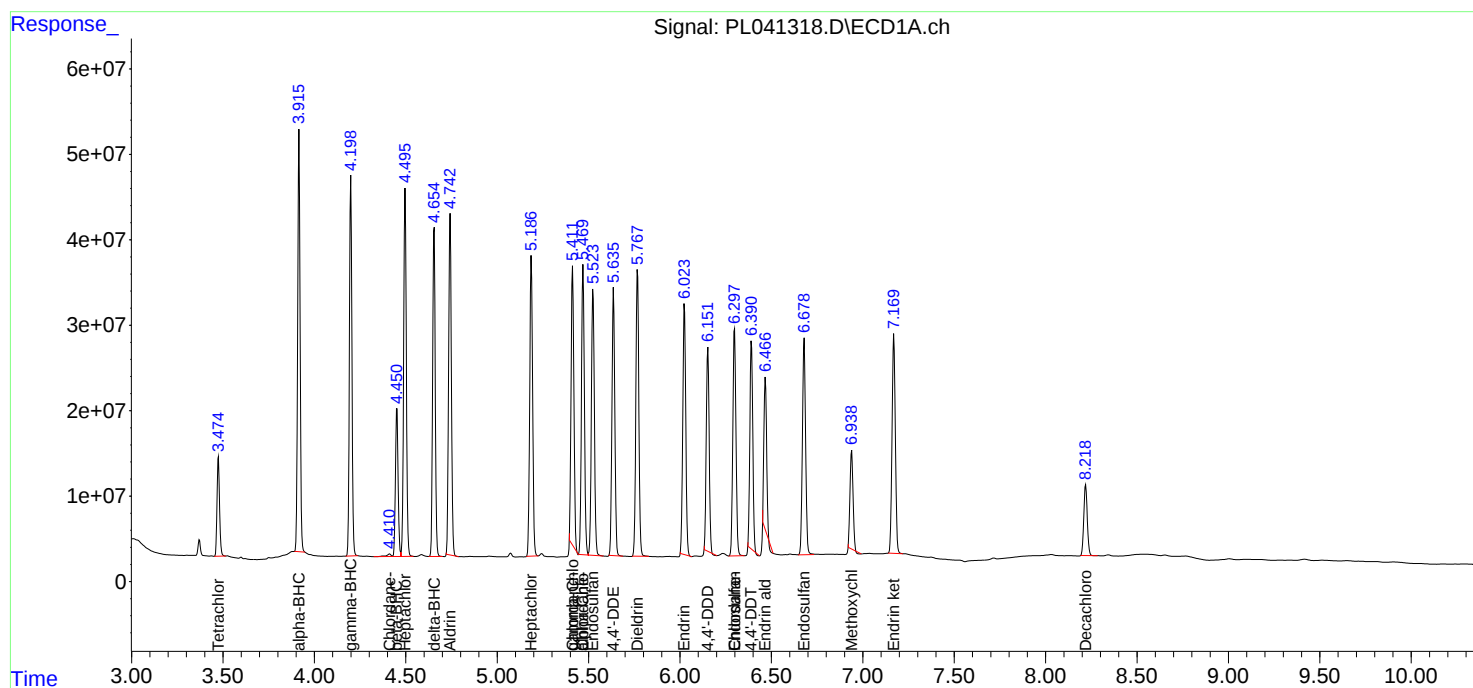
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

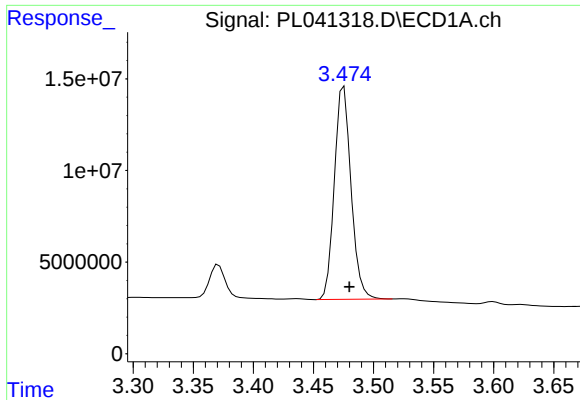
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102418\  
Data File : PL041318.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2018 21:46  
Operator : AJ\SJ  
Sample : PB114143BS  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 04:36:15 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 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

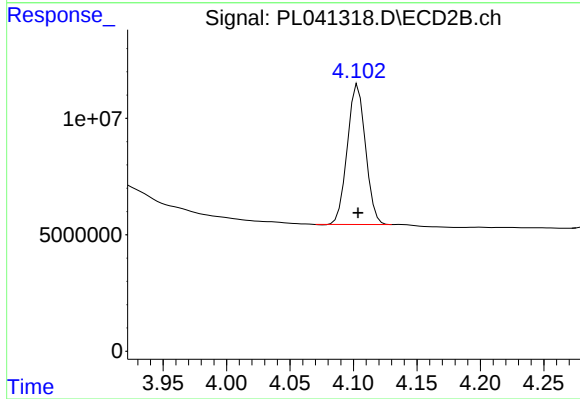




#1 Tetrachloro-m-xylene

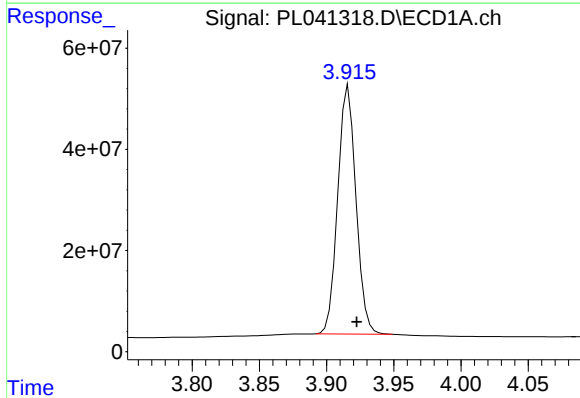
R.T.: 3.475 min  
Delta R.T.: -0.005 min  
Response: 112641110  
Conc: 20.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



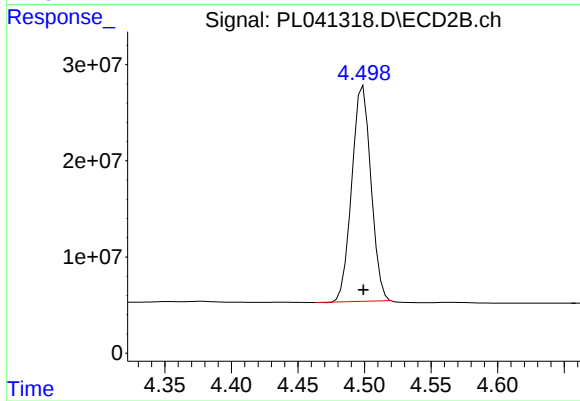
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 59837585  
Conc: 21.46 ng/ml



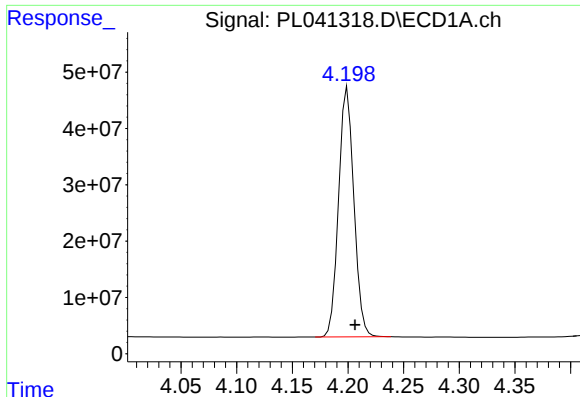
#2 alpha-BHC

R.T.: 3.916 min  
Delta R.T.: -0.006 min  
Response: 461333501  
Conc: 58.22 ng/ml



#2 alpha-BHC

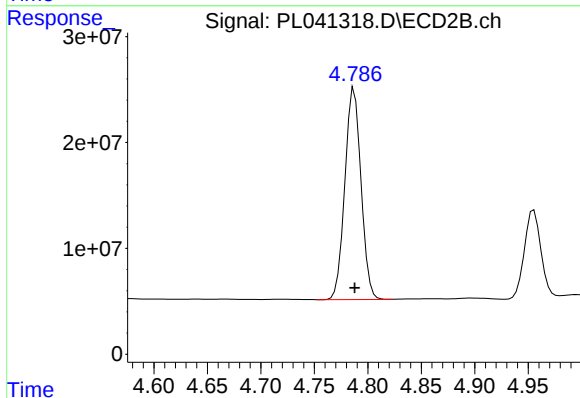
R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 224540127  
Conc: 58.03 ng/ml



#3 gamma-BHC (Lindane)

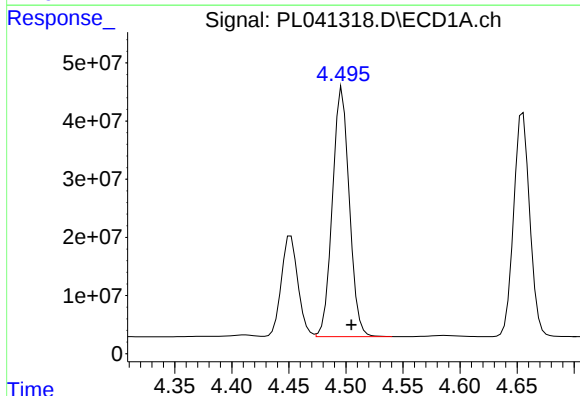
R.T.: 4.200 min  
Delta R.T.: -0.007 min  
Response: 424213670  
Conc: 58.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



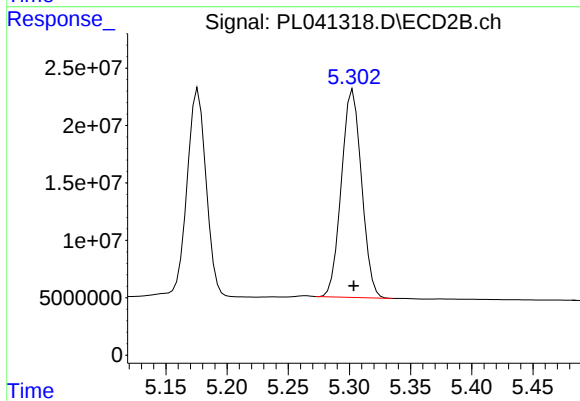
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 210317300  
Conc: 59.07 ng/ml



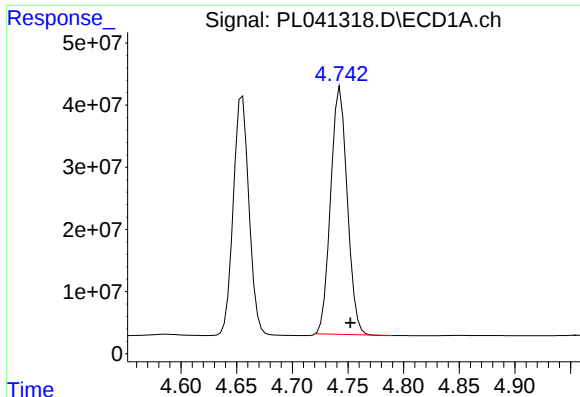
#4 Heptachlor

R.T.: 4.497 min  
Delta R.T.: -0.008 min  
Response: 441057814  
Conc: 59.85 ng/ml



#4 Heptachlor

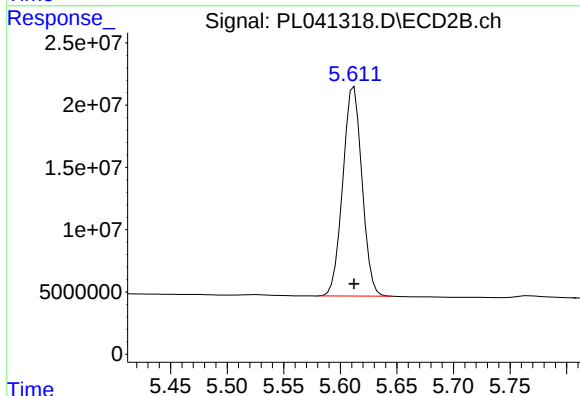
R.T.: 5.303 min  
Delta R.T.: 0.000 min  
Response: 207540227  
Conc: 61.32 ng/ml



#5 Aldrin

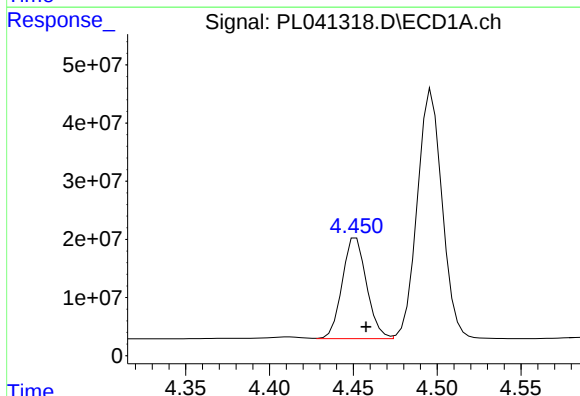
R.T.: 4.743 min  
Delta R.T.: -0.009 min  
Response: 412801454  
Conc: 60.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



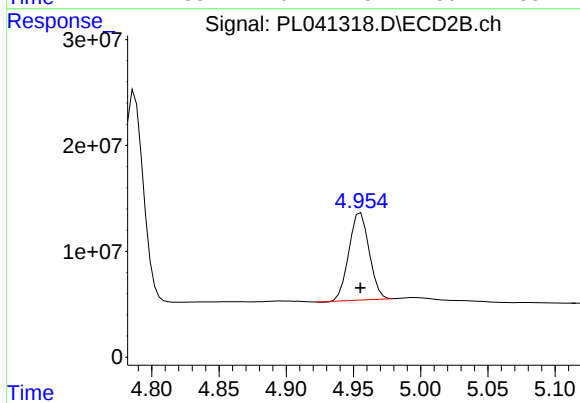
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 198054636  
Conc: 65.62 ng/ml



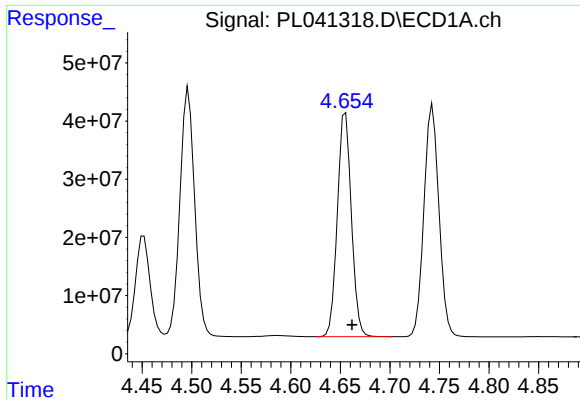
#6 beta-BHC

R.T.: 4.452 min  
Delta R.T.: -0.006 min  
Response: 175331075  
Conc: 55.26 ng/ml



#6 beta-BHC

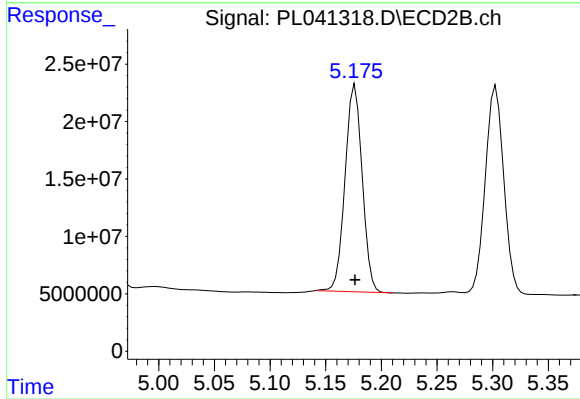
R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 86689023  
Conc: 54.09 ng/ml



#7 delta-BHC

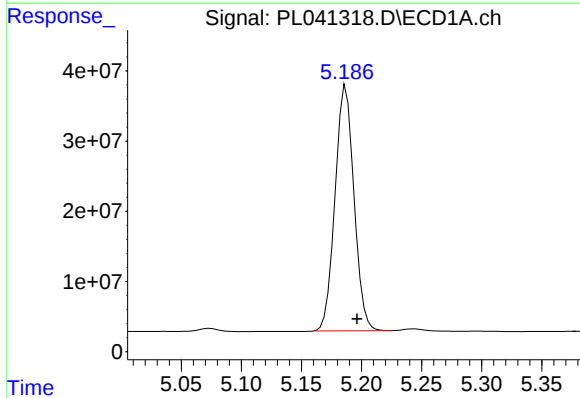
R.T.: 4.655 min  
Delta R.T.: -0.007 min  
Response: 378766838  
Conc: 56.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



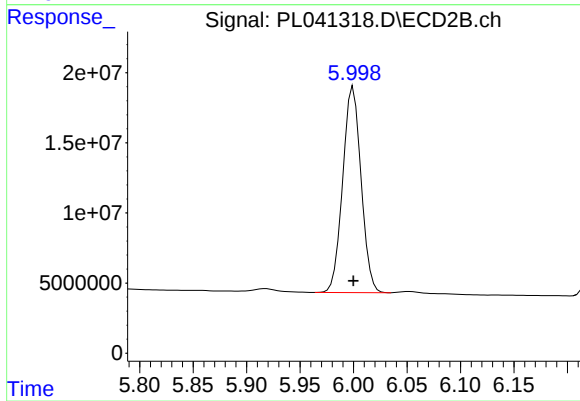
#7 delta-BHC

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 192951673  
Conc: 58.78 ng/ml



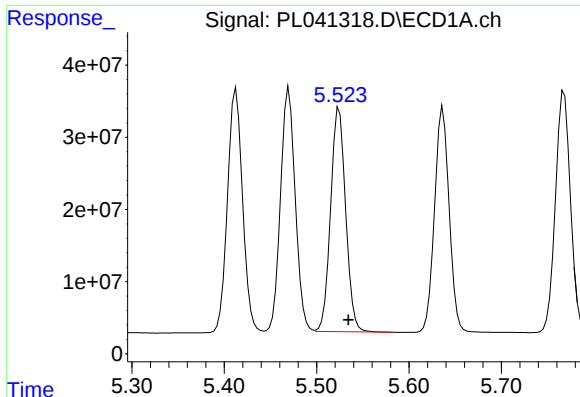
#8 Heptachlor epoxide

R.T.: 5.187 min  
Delta R.T.: -0.009 min  
Response: 383881077  
Conc: 58.53 ng/ml



#8 Heptachlor epoxide

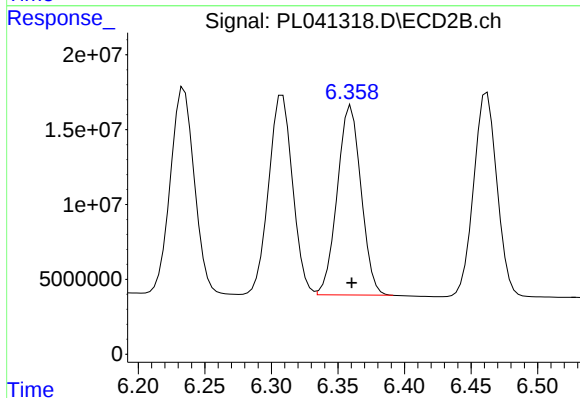
R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 175442546  
Conc: 61.17 ng/ml



#9 Endosulfan I

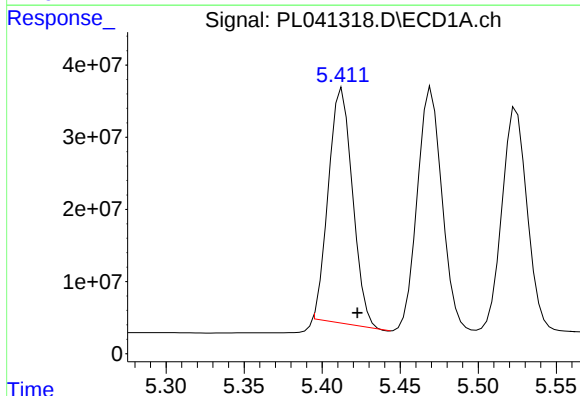
R.T.: 5.524 min  
Delta R.T.: -0.010 min  
Response: 349588892  
Conc: 58.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



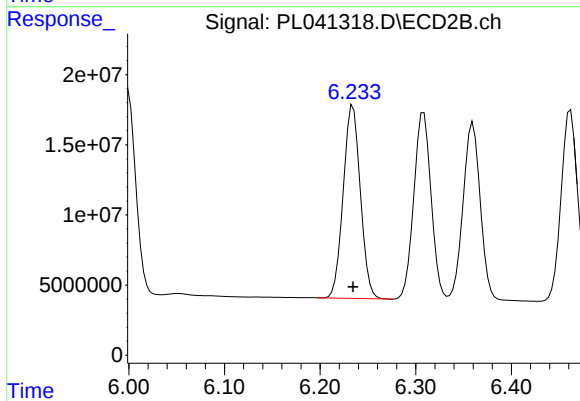
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: 0.000 min  
Response: 157298672  
Conc: 61.42 ng/ml



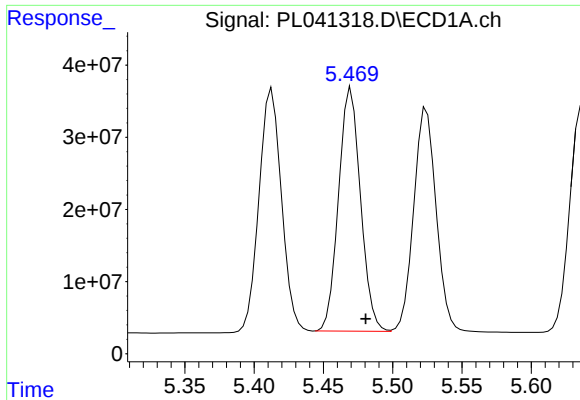
#10 gamma-Chlordane

R.T.: 5.413 min  
Delta R.T.: -0.010 min  
Response: 349283562  
Conc: 53.11 ng/ml



#10 gamma-Chlordane

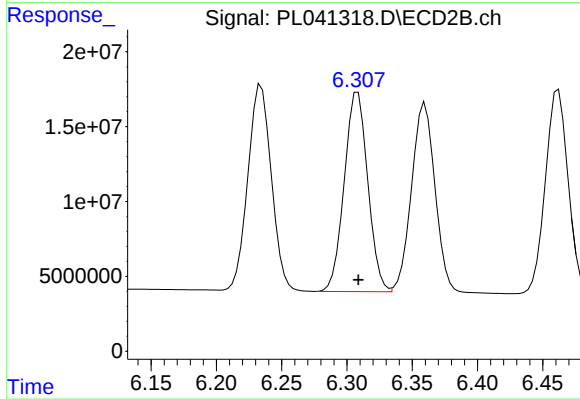
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 172125514  
Conc: 61.37 ng/ml



#11 alpha-Chlordane

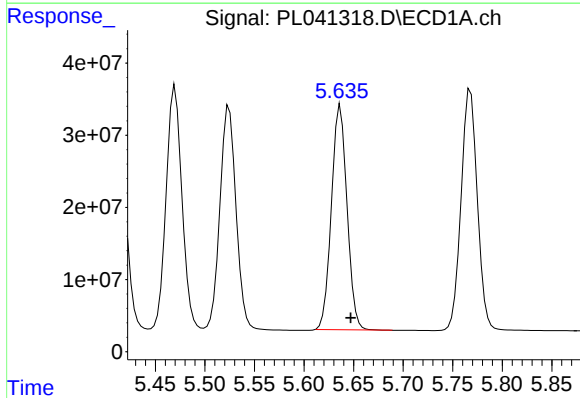
R.T.: 5.470 min  
Delta R.T.: -0.010 min  
Response: 372428866  
Conc: 57.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



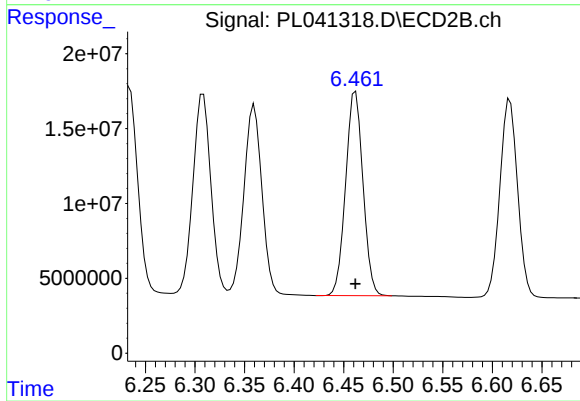
#11 alpha-Chlordane

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 166984570  
Conc: 60.16 ng/ml



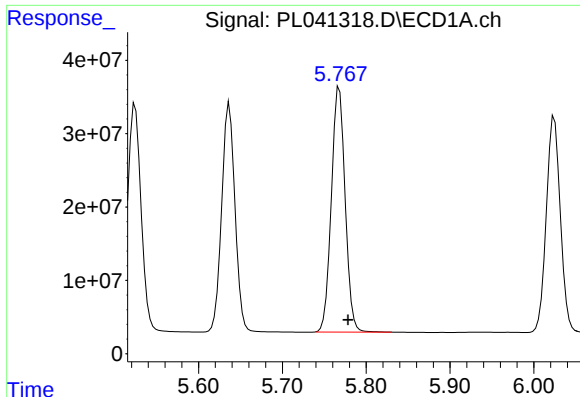
#12 4,4'-DDE

R.T.: 5.637 min  
Delta R.T.: -0.010 min  
Response: 340907542  
Conc: 59.98 ng/ml



#12 4,4'-DDE

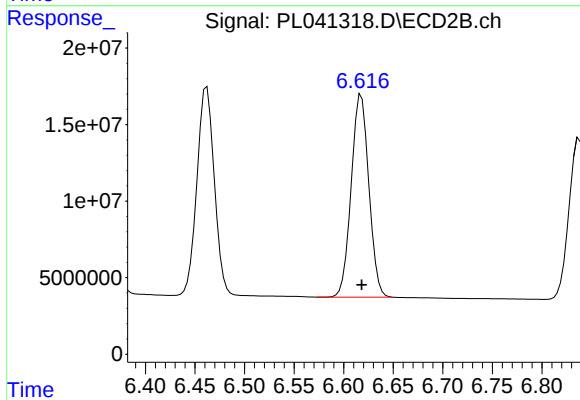
R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 165915499  
Conc: 62.72 ng/ml



#13 Dieldrin

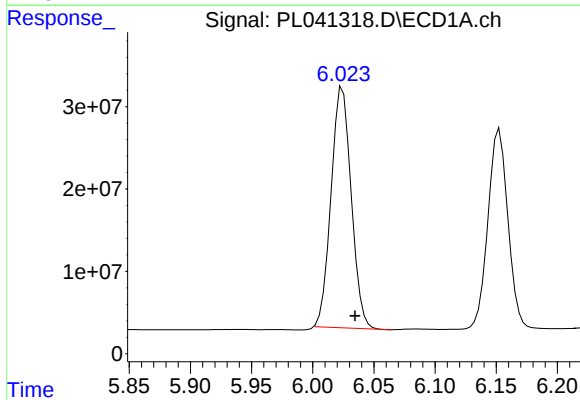
R.T.: 5.768 min  
Delta R.T.: -0.010 min  
Response: 381145130  
Conc: 60.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



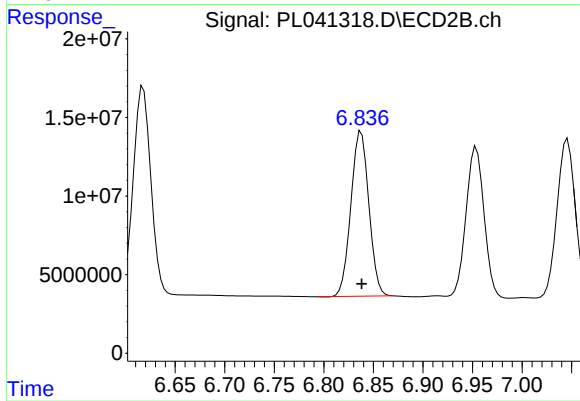
#13 Dieldrin

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 164016616  
Conc: 61.60 ng/ml



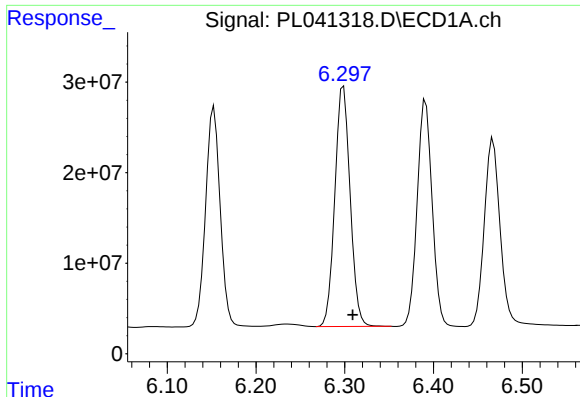
#14 Endrin

R.T.: 6.024 min  
Delta R.T.: -0.010 min  
Response: 334432567  
Conc: 58.22 ng/ml



#14 Endrin

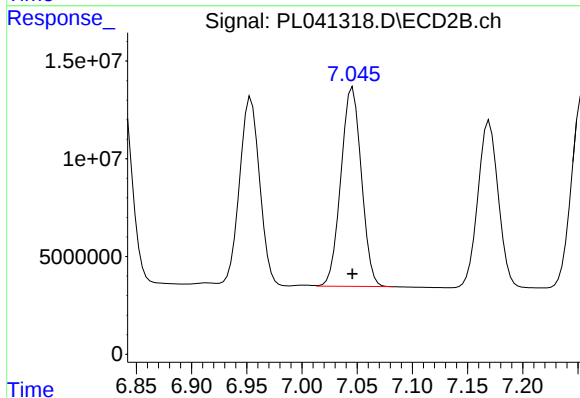
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 132635226  
Conc: 59.42 ng/ml



#15 Endosulfan II

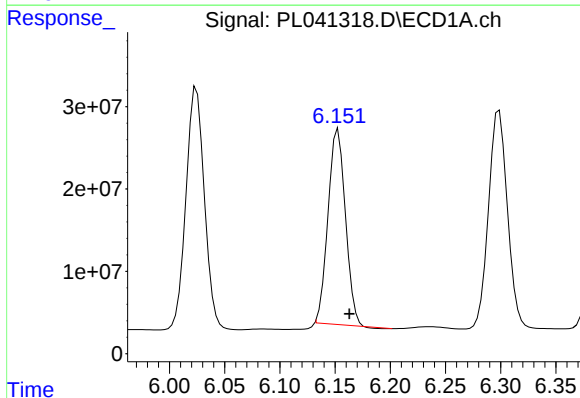
R.T.: 6.299 min  
Delta R.T.: -0.011 min  
Response: 317868044  
Conc: 56.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



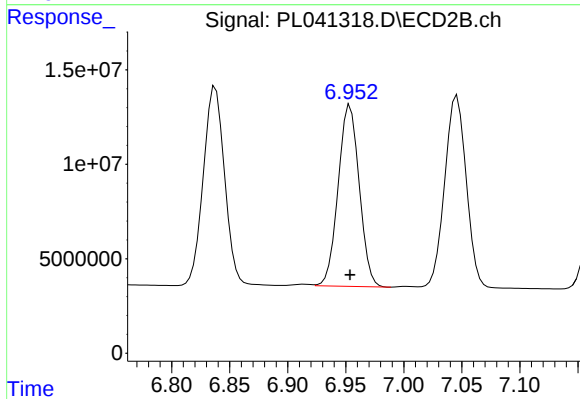
#15 Endosulfan II

R.T.: 7.046 min  
Delta R.T.: 0.000 min  
Response: 131224491  
Conc: 55.25 ng/ml



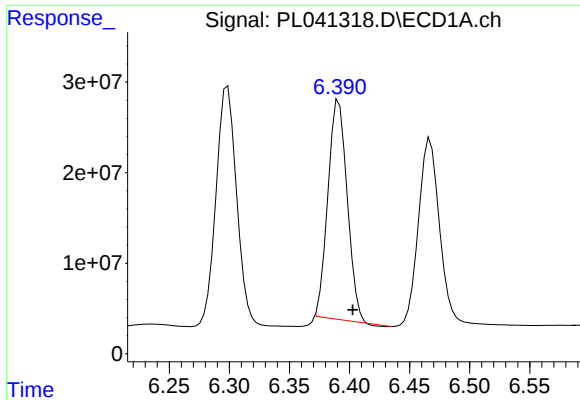
#16 4,4'-DDD

R.T.: 6.153 min  
Delta R.T.: -0.010 min  
Response: 259143827  
Conc: 57.37 ng/ml



#16 4,4'-DDD

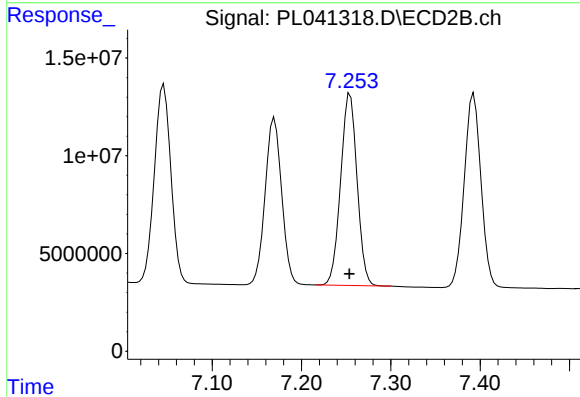
R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 121531036  
Conc: 58.02 ng/ml



#17 4,4'-DDT

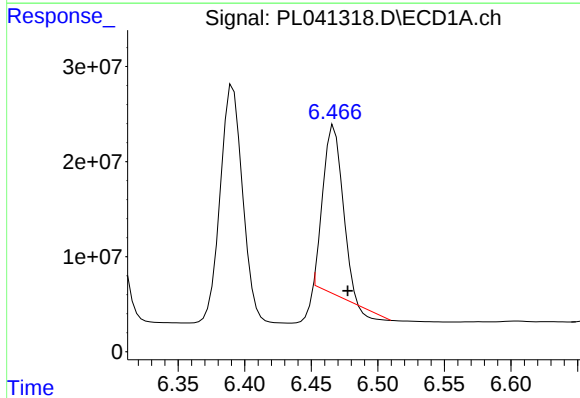
R.T.: 6.391 min  
Delta R.T.: -0.012 min  
Response: 269902927  
Conc: 59.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



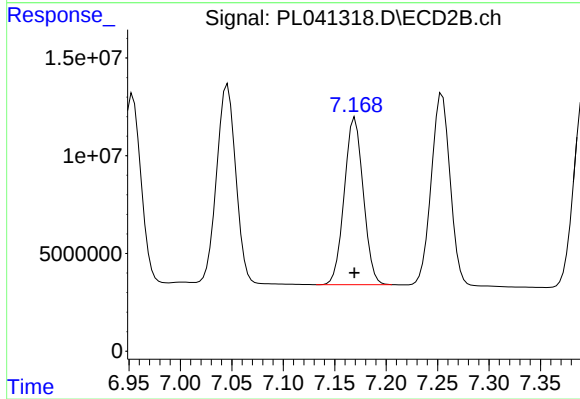
#17 4,4'-DDT

R.T.: 7.255 min  
Delta R.T.: 0.000 min  
Response: 125196373  
Conc: 60.19 ng/ml



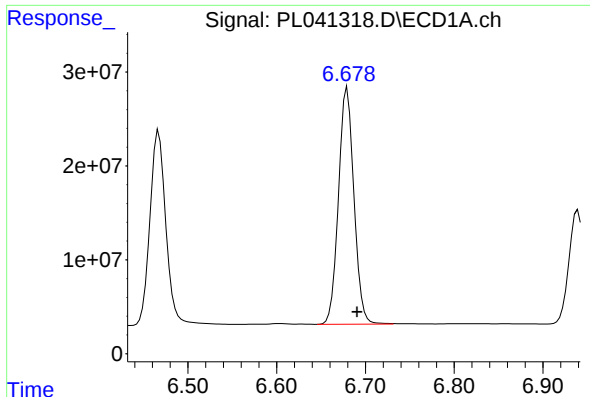
#18 Endrin aldehyde

R.T.: 6.467 min  
Delta R.T.: -0.010 min  
Response: 170709169  
Conc: 40.71 ng/ml



#18 Endrin aldehyde

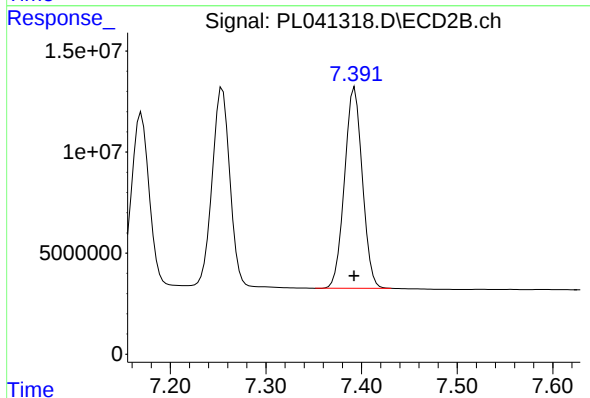
R.T.: 7.170 min  
Delta R.T.: 0.000 min  
Response: 109833724  
Conc: 55.36 ng/ml



#19 Endosulfan Sulfate

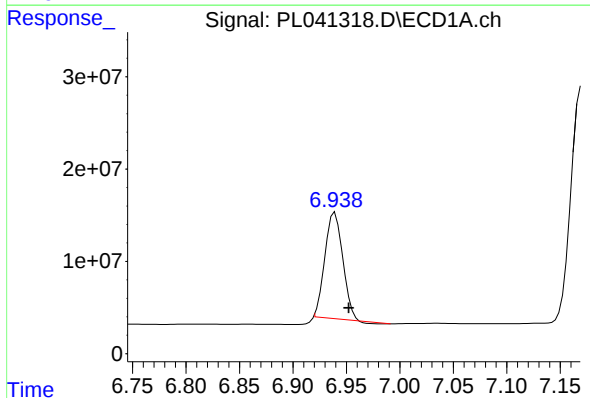
R.T.: 6.680 min  
Delta R.T.: -0.011 min  
Response: 304658439  
Conc: 59.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



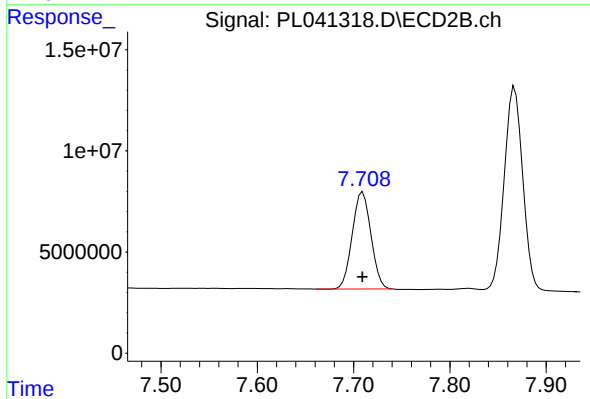
#19 Endosulfan Sulfate

R.T.: 7.393 min  
Delta R.T.: 0.000 min  
Response: 129052823  
Conc: 57.76 ng/ml



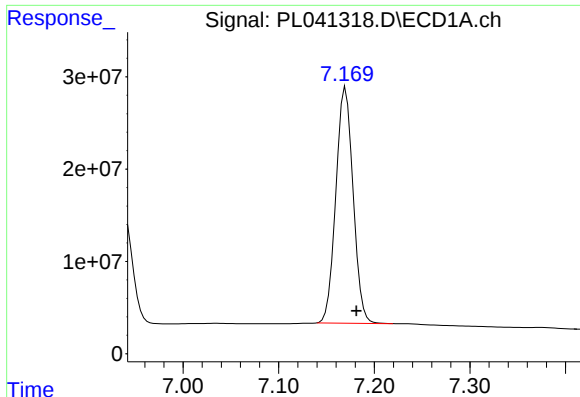
#20 Methoxychlor

R.T.: 6.939 min  
Delta R.T.: -0.013 min  
Response: 130953685  
Conc: 50.34 ng/ml



#20 Methoxychlor

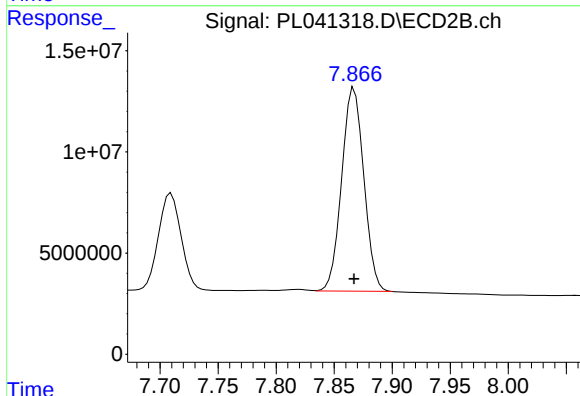
R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 64628953  
Conc: 54.90 ng/ml



#21 Endrin ketone

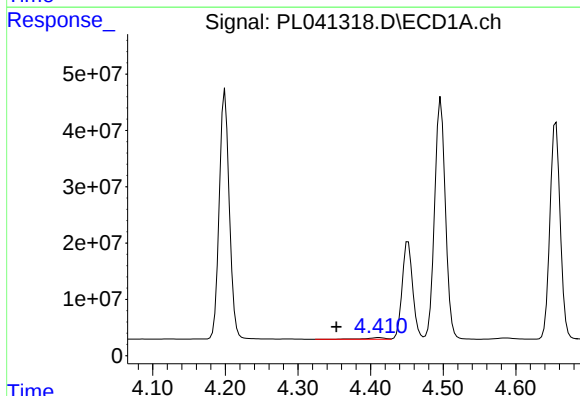
R.T.: 7.170 min  
Delta R.T.: -0.011 min  
Response: 319921794  
Conc: 61.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



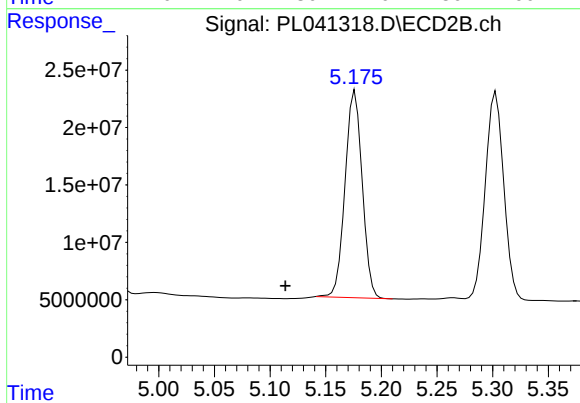
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 133462955  
Conc: 56.76 ng/ml



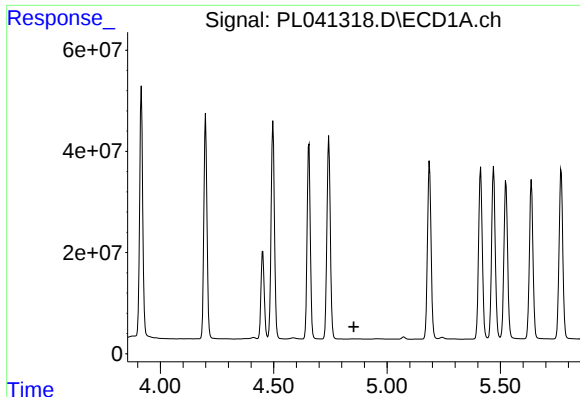
#23 Chlordane-1

R.T.: 4.412 min  
Delta R.T.: 0.059 min  
Response: 5352500  
Conc: 20.97 ng/ml



#23 Chlordane-1

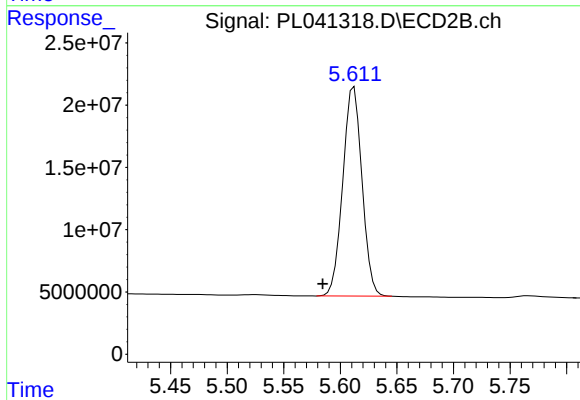
R.T.: 5.176 min  
Delta R.T.: 0.063 min  
Response: 192951673  
Conc: 1562.18 ng/ml



#24 Chlordane-2

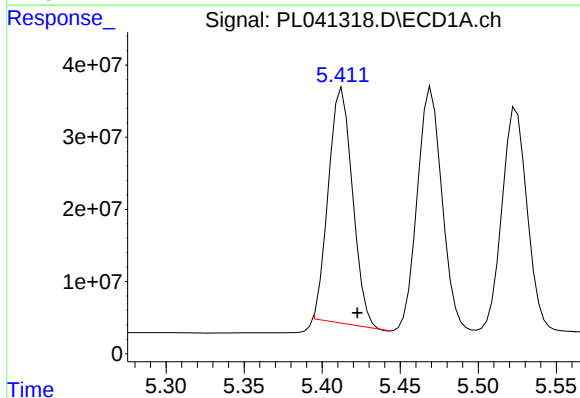
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



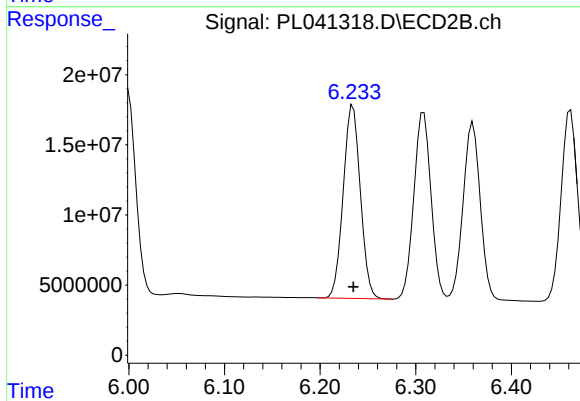
#24 Chlordane-2

R.T.: 5.612 min  
Delta R.T.: 0.028 min  
Response: 198054636  
Conc: 1601.47 ng/ml



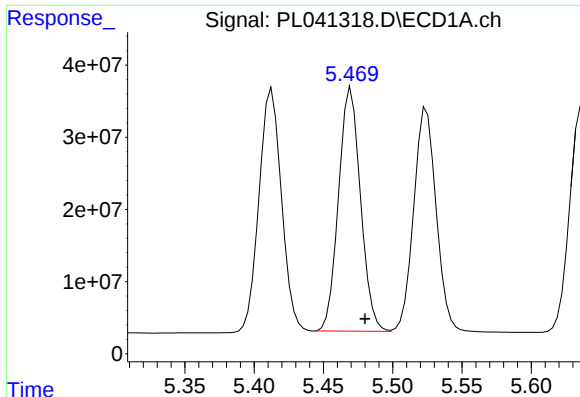
#25 Chlordane-3

R.T.: 5.413 min  
Delta R.T.: -0.010 min  
Response: 349283562  
Conc: 456.36 ng/ml



#25 Chlordane-3

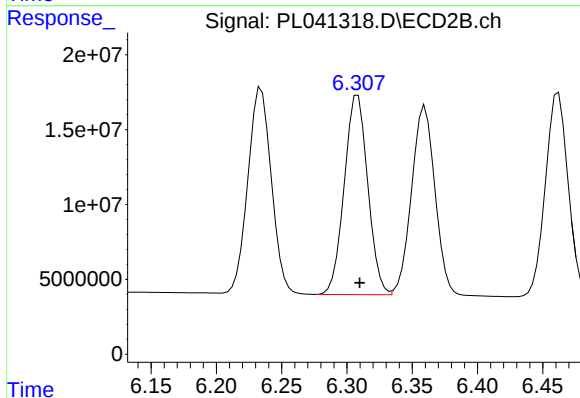
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 172125514  
Conc: 426.97 ng/ml



#26 Chlordane-4

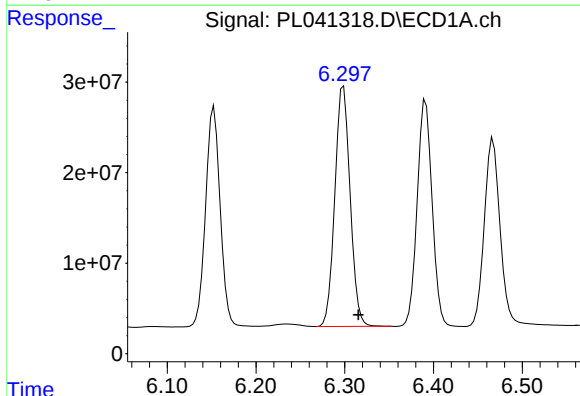
R.T.: 5.470 min  
Delta R.T.: -0.010 min  
Response: 372428866  
Conc: 555.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



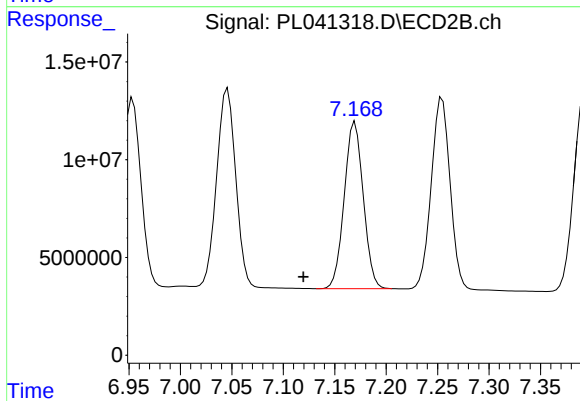
#26 Chlordane-4

R.T.: 6.308 min  
Delta R.T.: -0.001 min  
Response: 166984570  
Conc: 351.81 ng/ml



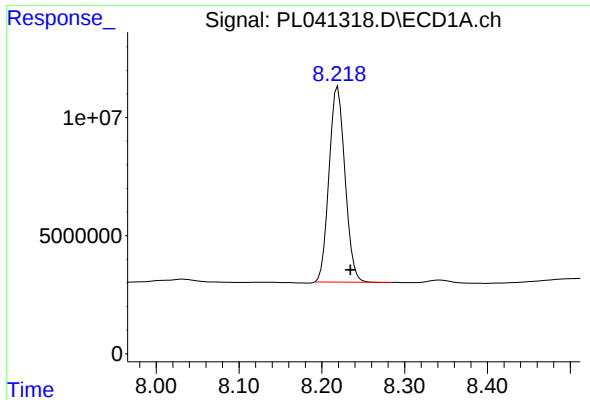
#27 Chlordane-5

R.T.: 6.299 min  
Delta R.T.: -0.017 min  
Response: 317868044  
Conc: 1466.75 ng/ml



#27 Chlordane-5

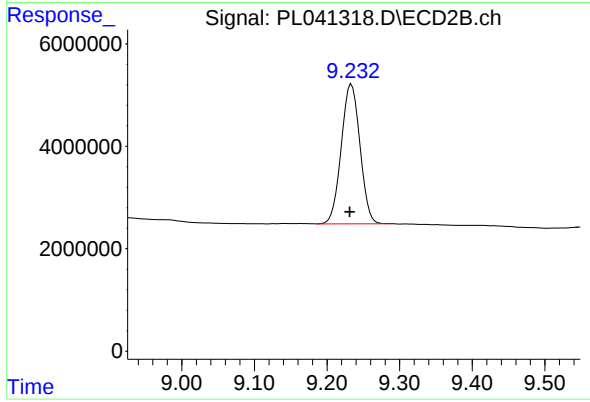
R.T.: 7.170 min  
Delta R.T.: 0.050 min  
Response: 109833724  
Conc: 1241.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.219 min  
Delta R.T.: -0.015 min  
Response: 110652018  
Conc: 21.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.234 min  
Delta R.T.: 0.002 min  
Response: 48848750  
Conc: 18.89 ng/ml