

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111919\  
 Data File : PL054445.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2019 12:54  
 Operator : SG\AJ  
 Sample : K5904-17  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 13-(2-5)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 02:38:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 2019  
 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.539  | 4.043  | 235.9E6  | 46256450 | 22.686  | 18.987   |
| 28)                         | SA Decachlor... | 8.323  | 9.124  | 134.6E6  | 39293244 | 15.202  | 16.252   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.963f | 0.000  | 6318801  | 0        | 0.371   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.275  | 4.701f | 42433932 | 5662368  | 2.824   | 1.842 #  |
| 4)                          | MA Heptachlor   | 4.555f | 0.000  | 22667551 | 0        | 1.480   | N.D. #   |
| 5)                          | MB Aldrin       | 4.822  | 0.000  | 4959675  | 0        | 0.354   | N.D. #   |
| 6)                          | B beta-BHC      | 4.493f | 4.916f | 60722053 | -143981  | 9.445   | N.D. #   |
| 7)                          | B delta-BHC     | 4.706f | 5.081f | 31423177 | 1501559  | 2.244   | 0.596 #  |
| 8)                          | B Heptachlor... | 5.269  | 0.000  | 19920175 | 0        | 1.542   | N.D. #   |
| 9)                          | A Endosulfan I  | 5.636f | 6.278  | 62719831 | 55088639 | 5.295   | 23.498 # |
| 10)                         | B gamma-Chl...  | 0.000  | 6.144  | 0        | 18078286 | N.D.    | 7.265 #  |
| 11)                         | B alpha-Chl...  | 5.551  | 0.000  | 146.9E6  | 0        | 11.702  | N.D. #   |
| 13)                         | MA Dieldrin     | 5.857  | 6.565f | 31375317 | -1462385 | 2.566   | N.D. #   |
| 14)                         | MA Endrin       | 6.109  | 0.000  | 9333696  | 0        | 0.845   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.392  | 6.963  | 14825777 | 3189824  | 1.415   | 1.467    |
| 16)                         | A 4,4'-DDD      | 6.240  | 6.872  | -794466  | 5448611  | N.D.    | 3.079    |
| 18)                         | B Endrin al...  | 6.572  | 0.000  | 2248425  | 0        | 0.263   | N.D. #   |
| 19)                         | B Endosulfa...  | 6.791f | 0.000  | 6458837  | 0        | 0.690   | N.D. #   |
| 22)                         | Mirex           | 7.433f | 0.000  | 1364962  | 0        | 0.179   | N.D. #   |
| 23)                         | Chlordane-1     | 4.423  | 0.000  | 18161623 | 0        | 46.759  | N.D. #   |
| 24)                         | Chlordane-2     | 4.905f | 0.000  | 5616250  | 0        | 13.465  | N.D. #   |
| 25)                         | Chlordane-3     | 0.000  | 6.144  | 0        | 18078286 | N.D.    | 54.262 # |
| 26)                         | Chlordane-4     | 5.551  | 0.000  | 146.9E6  | 0        | 144.861 | N.D. #   |
| 27)                         | Chlordane-5     | 6.392  | 7.052f | 14825777 | 689973   | 40.196  | 9.507 #  |
| -----                       |                 |        |        |          |          |         |          |

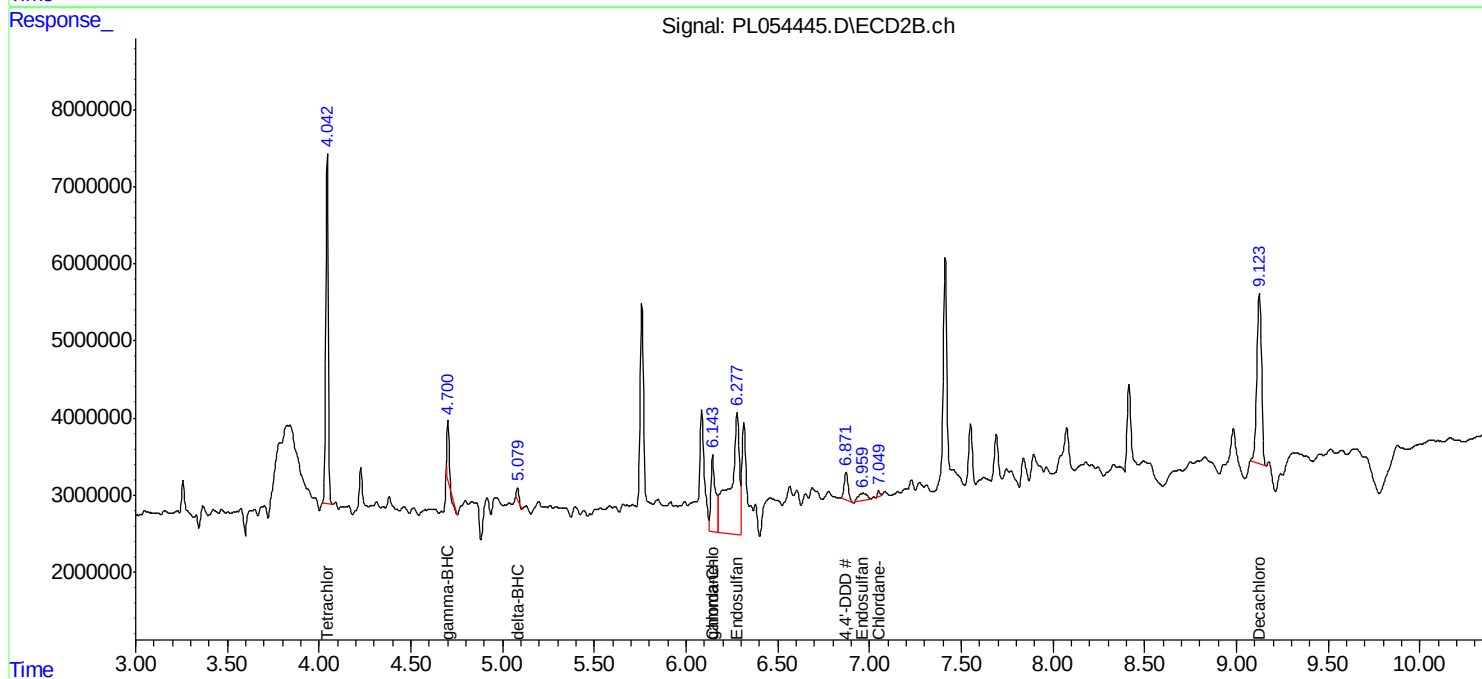
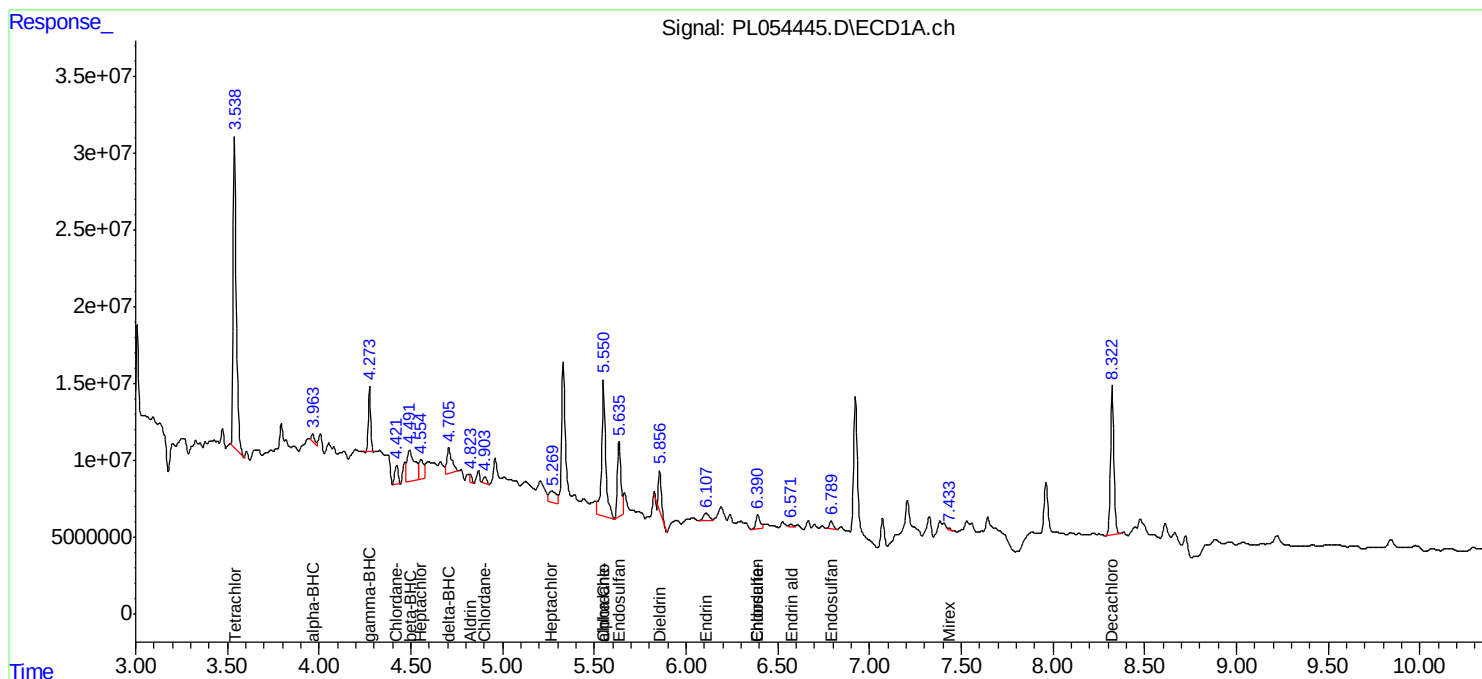
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

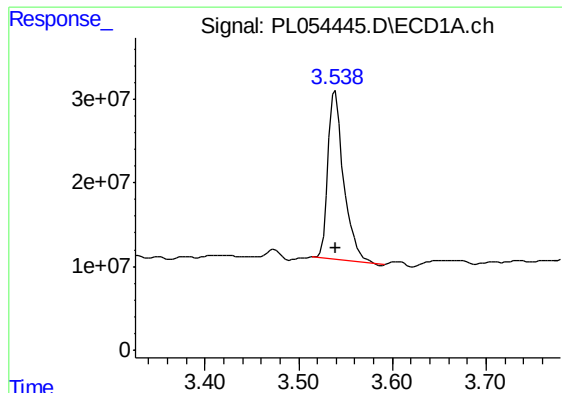
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111919\  
Data File : PL054445.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2019 12:54  
Operator : SG\AJ  
Sample : K5904-17  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
13-(2-5)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 02:38:58 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 19 01:04:14 2019  
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 x0.5µm

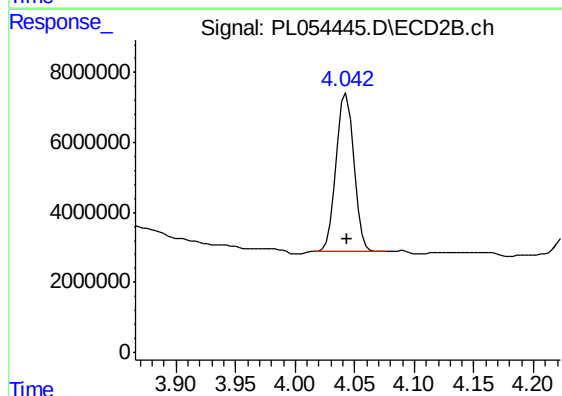




#1 Tetrachloro-m-xylene

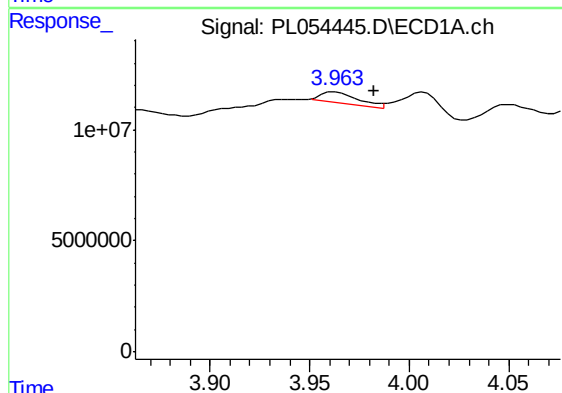
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 235875146  
Conc: 22.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



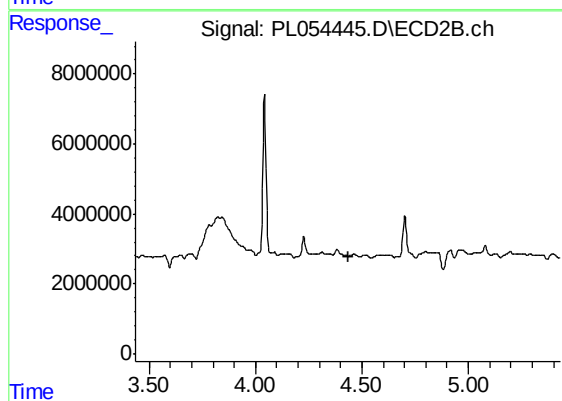
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 46256450  
Conc: 18.99 ng/ml



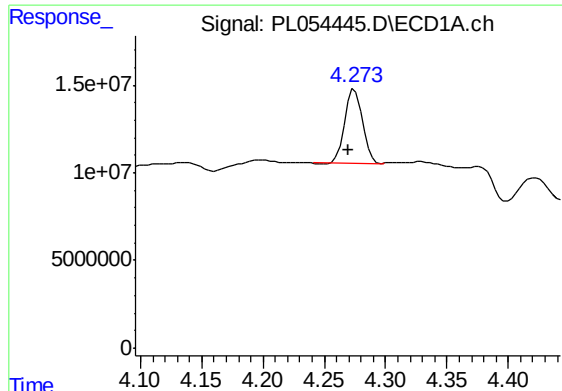
#2 alpha-BHC

R.T.: 3.963 min  
Delta R.T.: -0.019 min  
Response: 6318801  
Conc: 0.37 ng/ml



#2 alpha-BHC

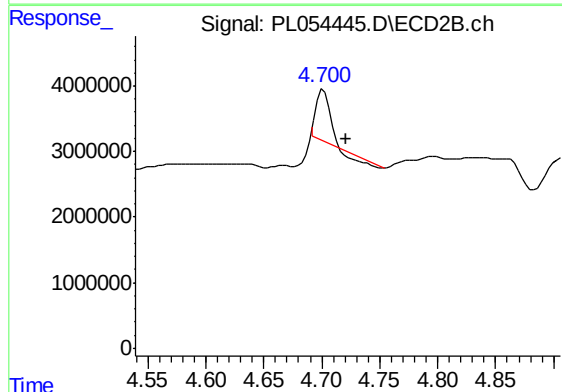
R.T.: 0.000 min  
Exp R.T. : 4.435 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

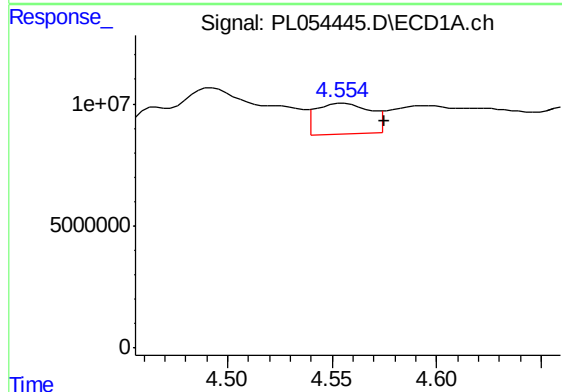
R.T.: 4.275 min  
Delta R.T.: 0.005 min  
Response: 42433932  
Conc: 2.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



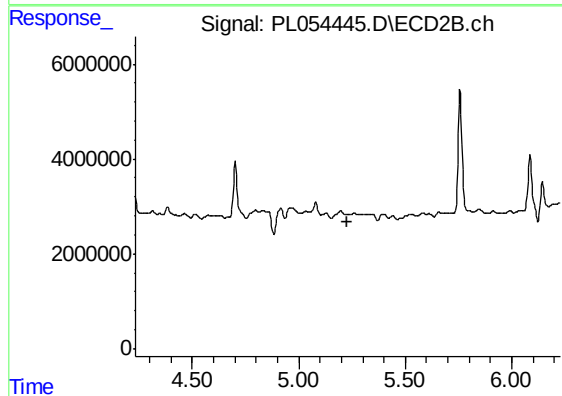
#3 gamma-BHC (Lindane)

R.T.: 4.701 min  
Delta R.T.: -0.019 min  
Response: 5662368  
Conc: 1.84 ng/ml



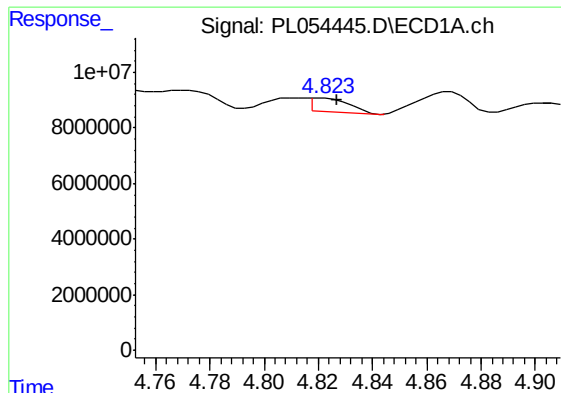
#4 Heptachlor

R.T.: 4.555 min  
Delta R.T.: -0.020 min  
Response: 22667551  
Conc: 1.48 ng/ml



#4 Heptachlor

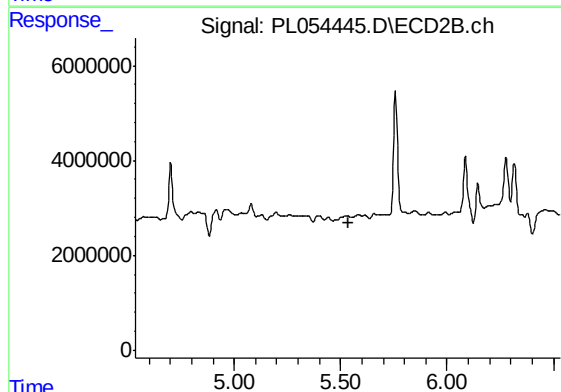
R.T.: 0.000 min  
Exp R.T. : 5.230 min  
Response: 0  
Conc: N.D.



#5 Aldrin

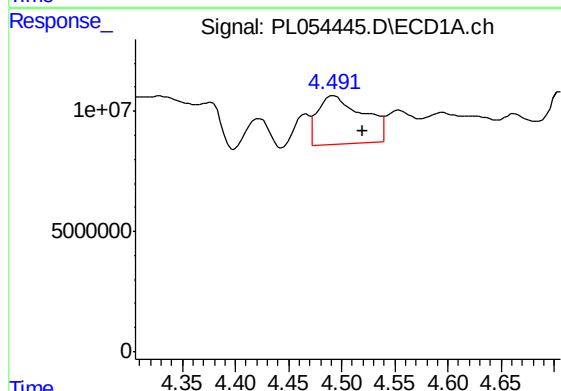
R.T.: 4.822 min  
Delta R.T.: -0.005 min  
Response: 4959675  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



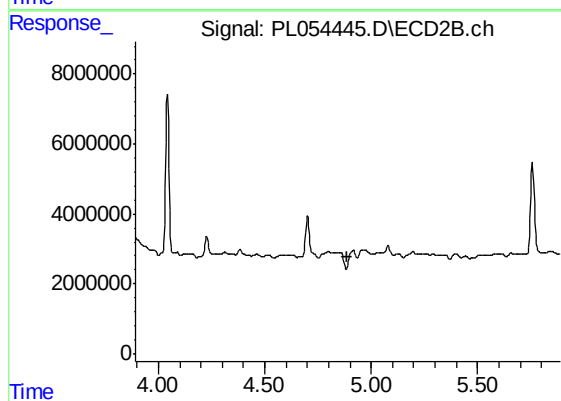
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.535 min  
Response: 0  
Conc: N.D.



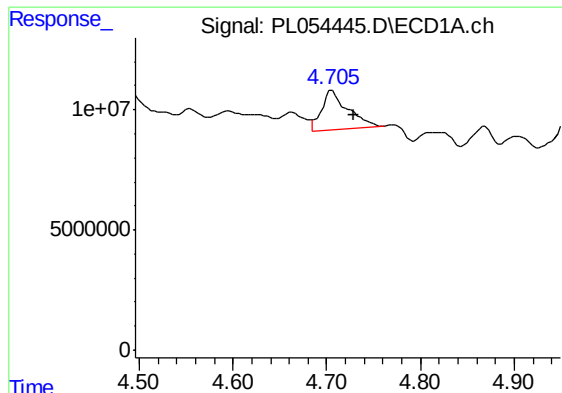
#6 beta-BHC

R.T.: 4.493 min  
Delta R.T.: -0.027 min  
Response: 60722053  
Conc: 9.45 ng/ml



#6 beta-BHC

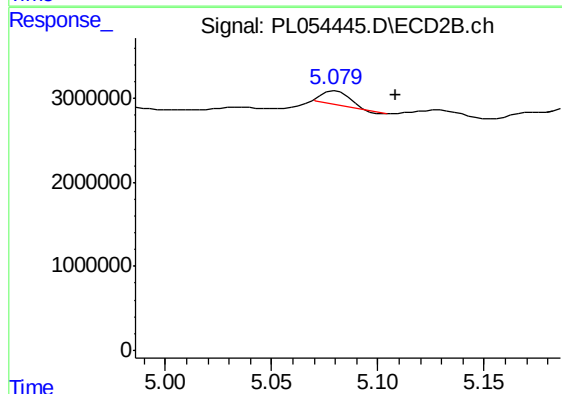
R.T.: 4.916 min  
Delta R.T.: 0.026 min  
Response: -143981  
Conc: N.D.



#7 delta-BHC

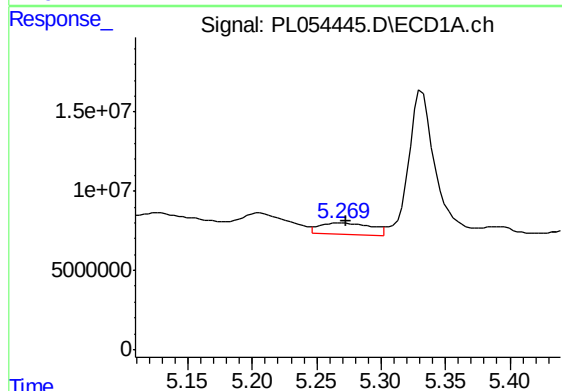
R.T.: 4.706 min  
Delta R.T.: -0.022 min  
Response: 31423177  
Conc: 2.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



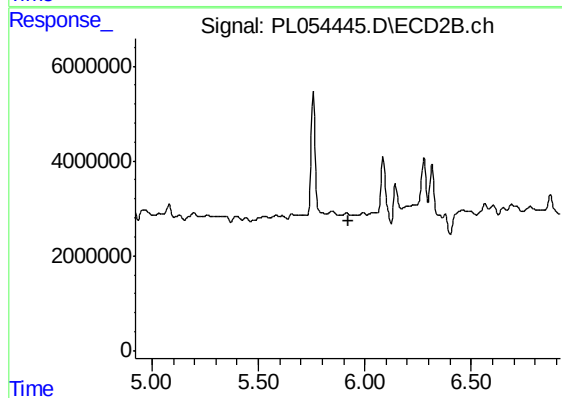
#7 delta-BHC

R.T.: 5.081 min  
Delta R.T.: -0.028 min  
Response: 1501559  
Conc: 0.60 ng/ml



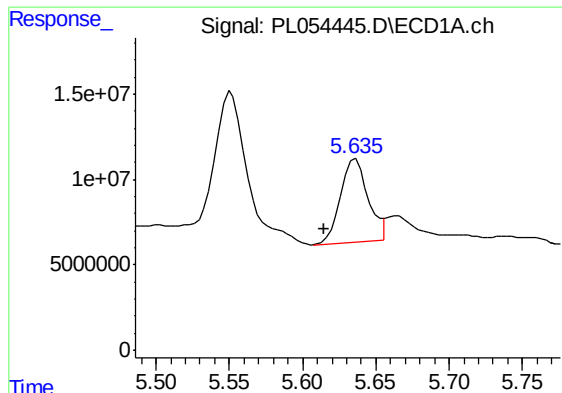
#8 Heptachlor epoxide

R.T.: 5.269 min  
Delta R.T.: -0.004 min  
Response: 19920175  
Conc: 1.54 ng/ml



#8 Heptachlor epoxide

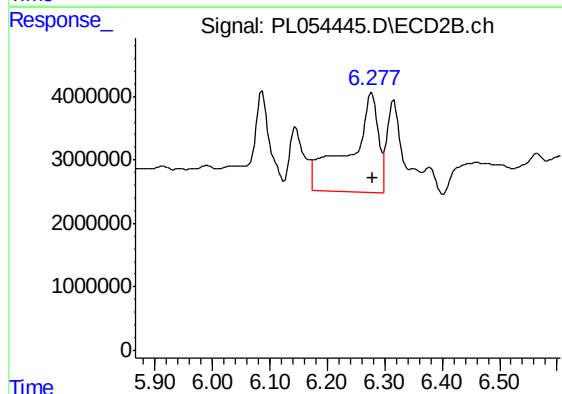
R.T.: 0.000 min  
Exp R.T. : 5.922 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

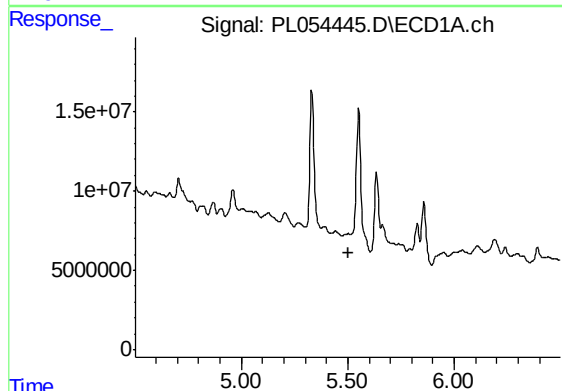
R.T.: 5.636 min  
Delta R.T.: 0.021 min  
Response: 62719831  
Conc: 5.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



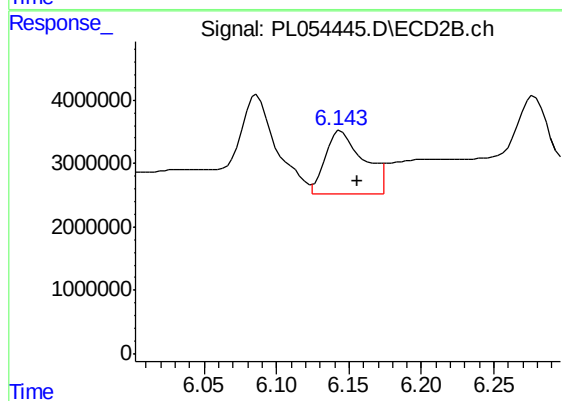
#9 Endosulfan I

R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 55088639  
Conc: 23.50 ng/ml



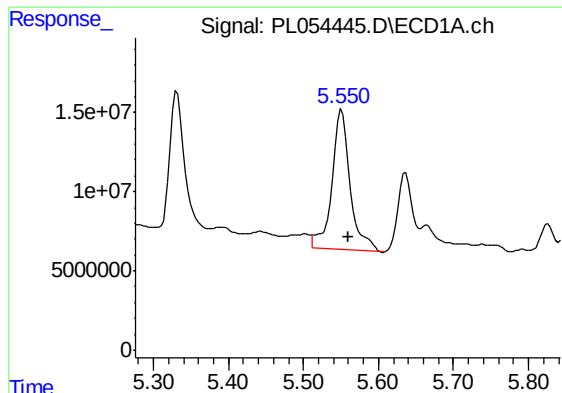
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.501 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

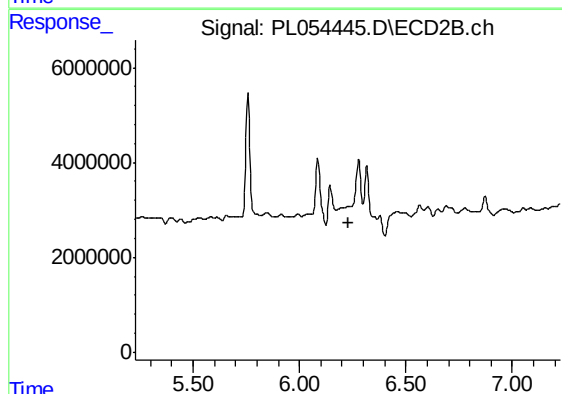
R.T.: 6.144 min  
Delta R.T.: -0.012 min  
Response: 18078286  
Conc: 7.26 ng/ml



#11 alpha-Chlordane

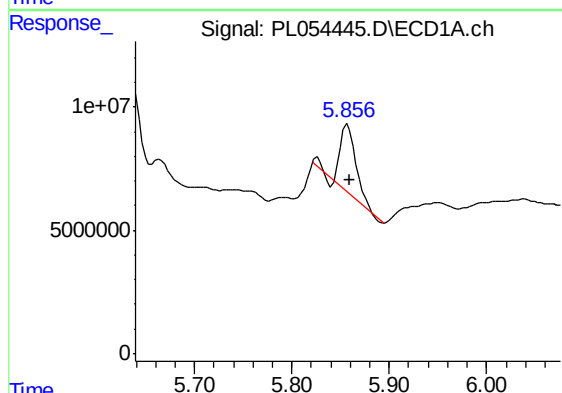
R.T.: 5.551 min  
Delta R.T.: -0.008 min  
Response: 146857517  
Conc: 11.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



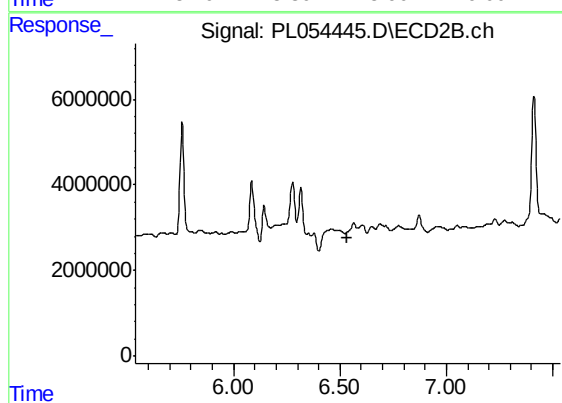
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

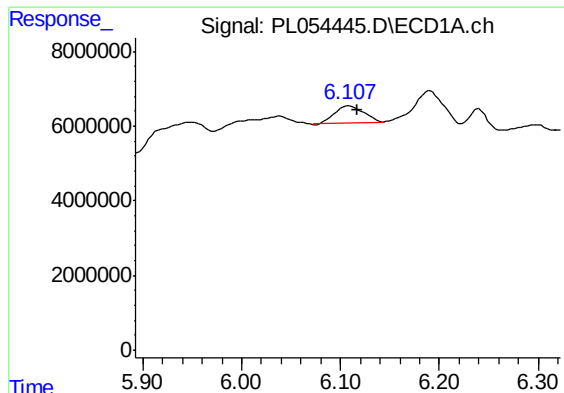
R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 31375317  
Conc: 2.57 ng/ml



#13 Dieldrin

R.T.: 6.565 min  
Delta R.T.: 0.028 min  
Response: -1462385  
Conc: N.D.

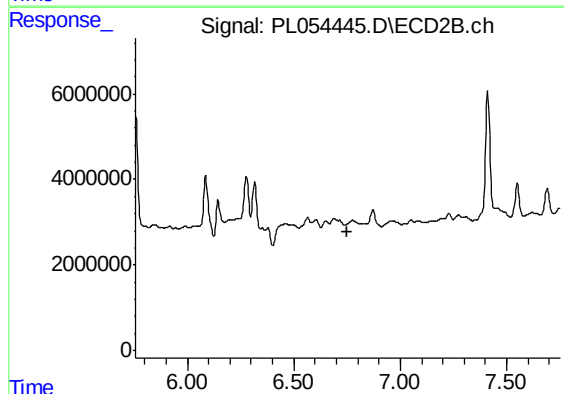




#14 Endrin

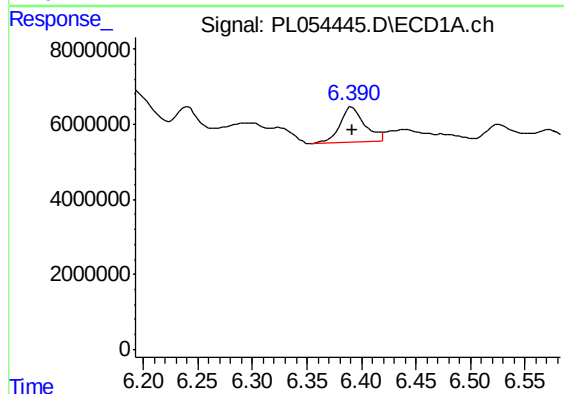
R.T.: 6.109 min  
Delta R.T.: -0.009 min  
Response: 9333696  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



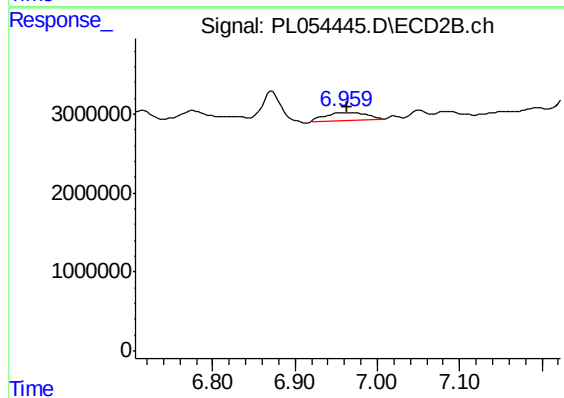
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.754 min  
Response: 0  
Conc: N.D.



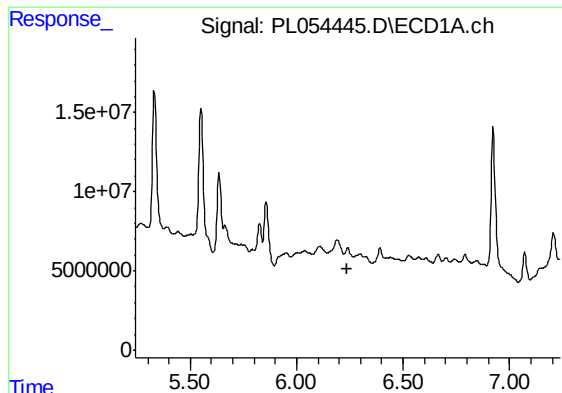
#15 Endosulfan II

R.T.: 6.392 min  
Delta R.T.: 0.000 min  
Response: 14825777  
Conc: 1.42 ng/ml



#15 Endosulfan II

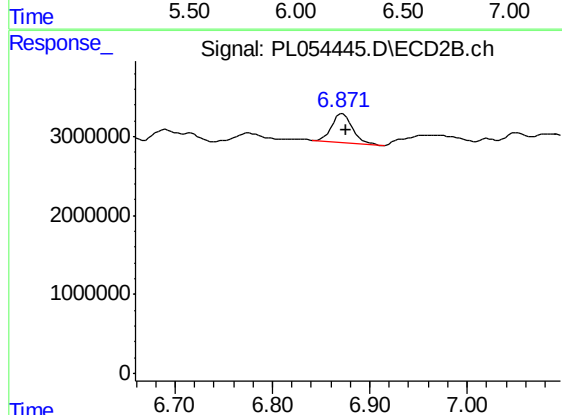
R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 3189824  
Conc: 1.47 ng/ml



#16 4,4'-DDD

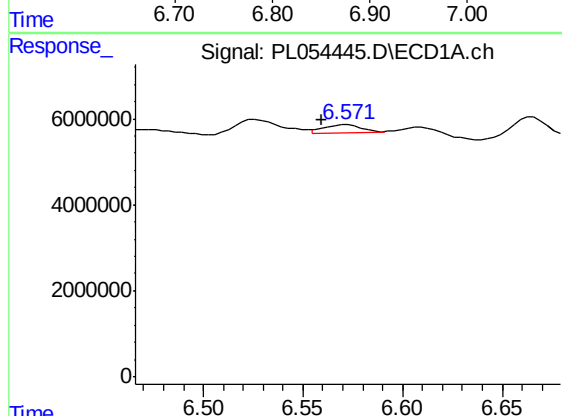
R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: -794466  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



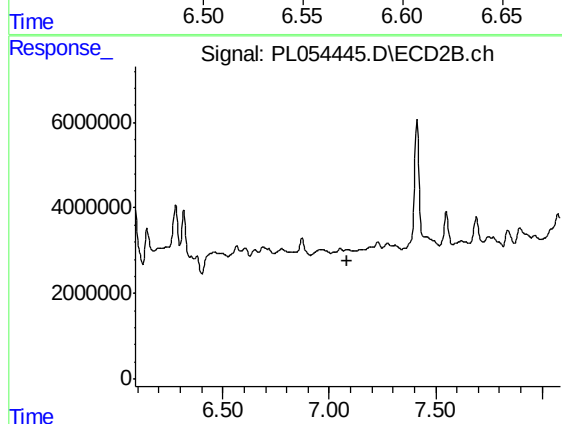
#16 4,4'-DDD

R.T.: 6.872 min  
Delta R.T.: -0.003 min  
Response: 5448611  
Conc: 3.08 ng/ml



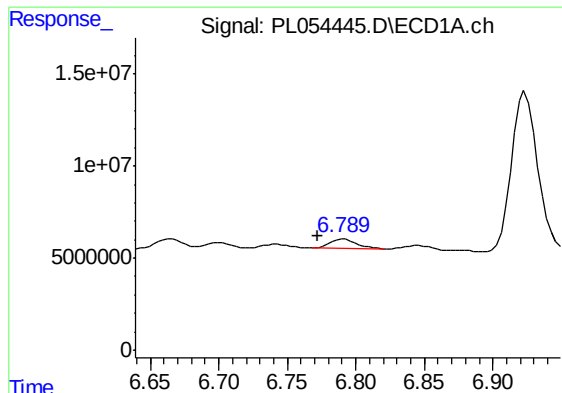
#18 Endrin aldehyde

R.T.: 6.572 min  
Delta R.T.: 0.013 min  
Response: 2248425  
Conc: 0.26 ng/ml



#18 Endrin aldehyde

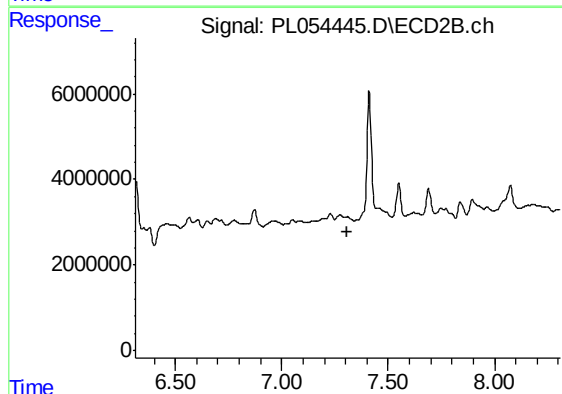
R.T.: 0.000 min  
Exp R.T. : 7.087 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

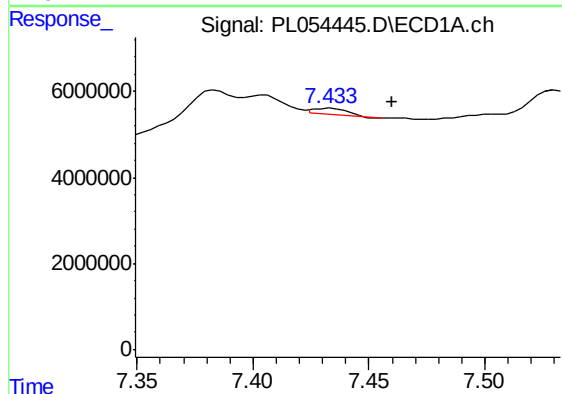
R.T.: 6.791 min  
Delta R.T.: 0.018 min  
Response: 6458837  
Conc: 0.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



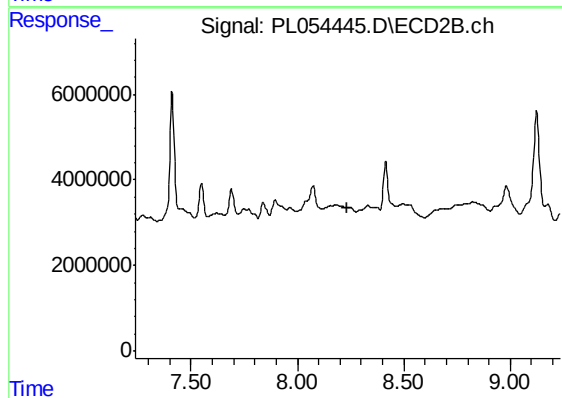
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.310 min  
Response: 0  
Conc: N.D.



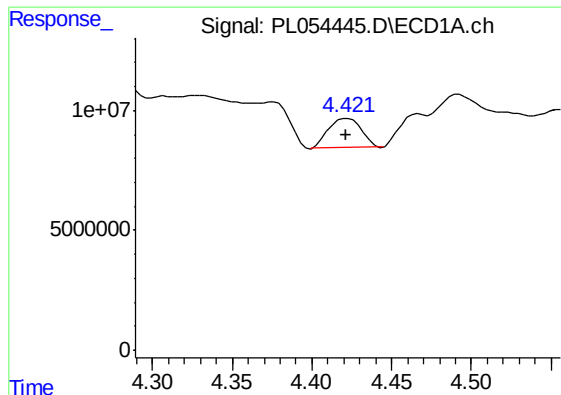
#22 Mirex

R.T.: 7.433 min  
Delta R.T.: -0.027 min  
Response: 1364962  
Conc: 0.18 ng/ml



#22 Mirex

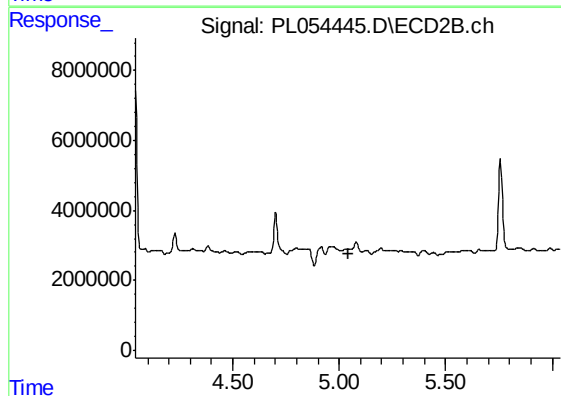
R.T.: 0.000 min  
Exp R.T. : 8.237 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

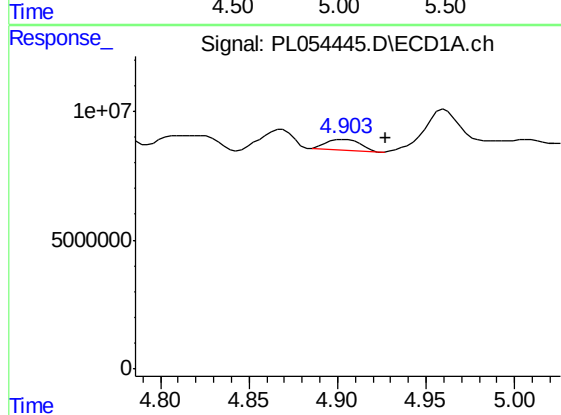
R.T.: 4.423 min  
Delta R.T.: 0.000 min  
Response: 18161623  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



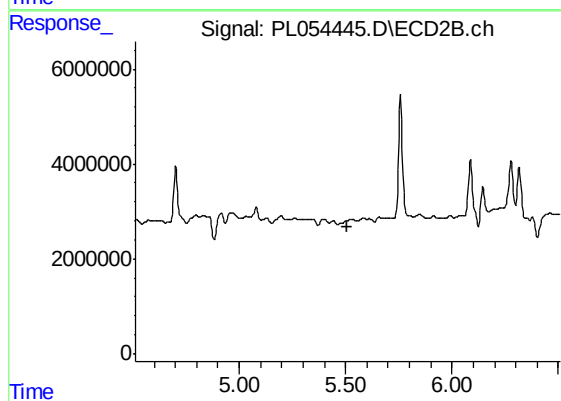
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.041 min  
Response: 0  
Conc: N.D.



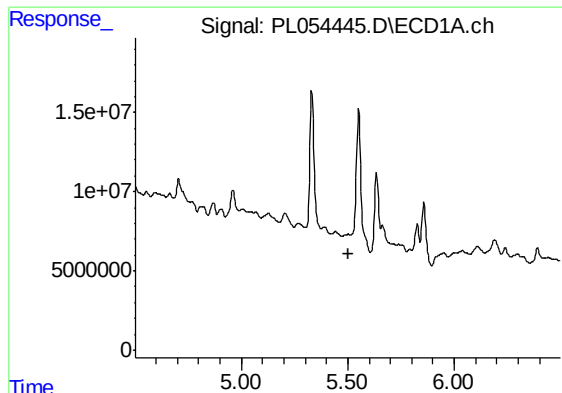
#24 Chlordane-2

R.T.: 4.905 min  
Delta R.T.: -0.022 min  
Response: 5616250  
Conc: 13.46 ng/ml



#24 Chlordane-2

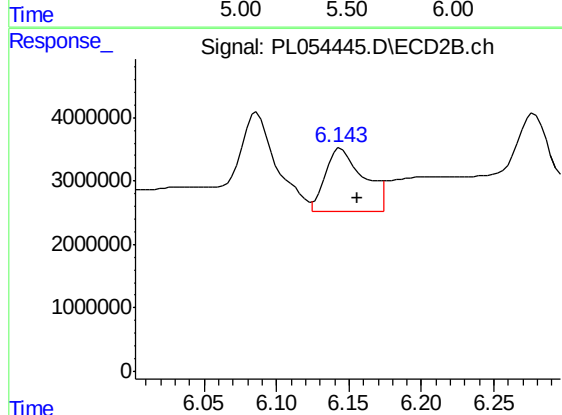
R.T.: 0.000 min  
Exp R.T. : 5.510 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

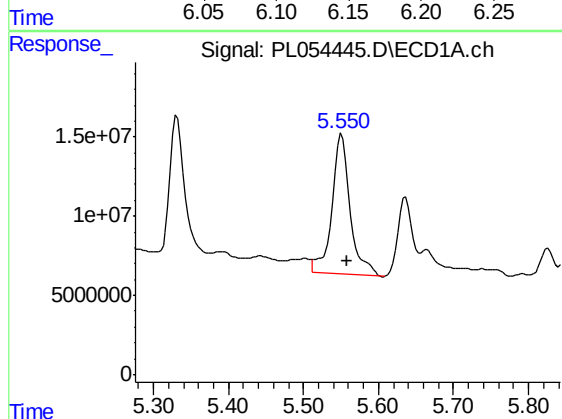
R.T.: 0.000 min  
Exp R.T. : 5.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



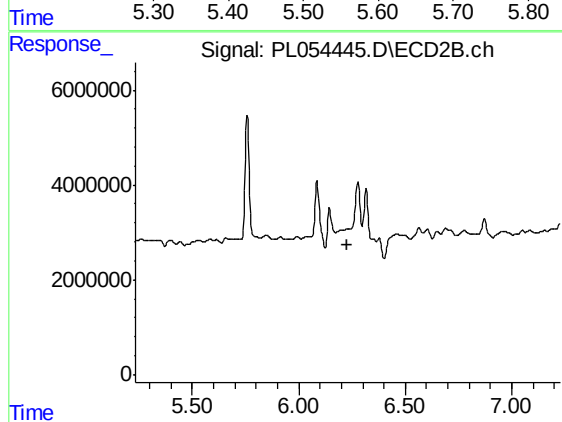
#25 Chlordane-3

R.T.: 6.144 min  
Delta R.T.: -0.011 min  
Response: 18078286  
Conc: 54.26 ng/ml



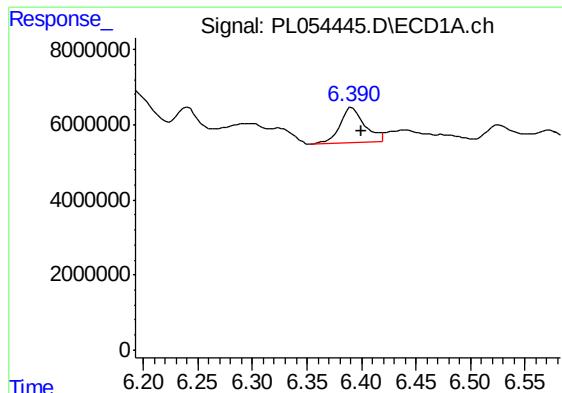
#26 Chlordane-4

R.T.: 5.551 min  
Delta R.T.: -0.008 min  
Response: 146857517  
Conc: 144.86 ng/ml



#26 Chlordane-4

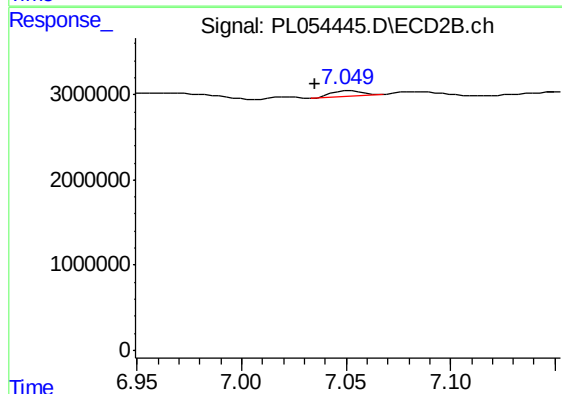
R.T.: 0.000 min  
Exp R.T. : 6.230 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

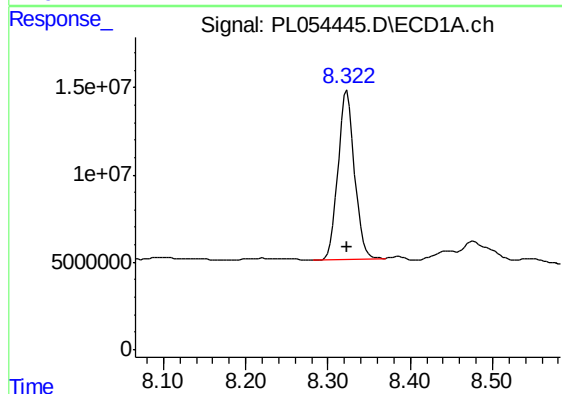
R.T.: 6.392 min  
Delta R.T.: -0.009 min  
Response: 14825777  
Conc: 40.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
13-(2-5)



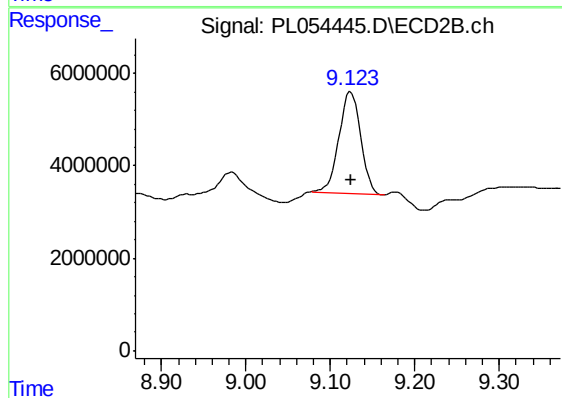
#27 Chlordane-5

R.T.: 7.052 min  
Delta R.T.: 0.016 min  
Response: 689973  
Conc: 9.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.323 min  
Delta R.T.: 0.000 min  
Response: 134552355  
Conc: 15.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min  
Delta R.T.: 0.000 min  
Response: 39293244  
Conc: 16.25 ng/ml