

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112018\  
 Data File : PL042304.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2018 19:59  
 Operator : AJ\SJ  
 Sample : J5993-06  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 02:53:10 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.468  | 4.101  | 37130068 | 19800703 | 6.311  | 6.884    |
| 28)                         | SA Decachlor... | 8.207  | 9.233  | 64145158 | 24561257 | 10.178 | 10.184   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.785  | 0        | 2494631  | N.D.   | 0.631 #  |
| 4)                          | MA Heptachlor   | 4.498  | 5.263f | 7568818  | -2191107 | 0.870  | N.D. #   |
| 5)                          | MB Aldrin       | 4.740  | 5.629  | -3200223 | 4641177  | N.D.   | 1.209    |
| 6)                          | B beta-BHC      | 4.402f | 0.000  | 7365815  | 0        | 2.079  | N.D. #   |
| 7)                          | B delta-BHC     | 4.656  | 0.000  | 1009457  | 0        | 0.132  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.199  | 5.985  | 4394252  | 10714367 | 0.580  | 2.988 #  |
| 9)                          | A Endosulfan I  | 5.582f | 6.392  | 3198386  | 803796   | 0.462  | 0.255 #  |
| 10)                         | B gamma-Chl...  | 5.421  | 6.246  | 14131384 | 7285634  | 1.853  | 2.140    |
| 11)                         | B alpha-Chl...  | 5.444  | 6.246f | 2680274  | 7285634  | 0.357  | 2.179 #  |
| 12)                         | B 4,4'-DDE      | 5.625  | 6.461  | 27784246 | 26446091 | 4.245  | 7.946 #  |
| 13)                         | MA Dieldrin     | 5.750  | 6.604  | 21609897 | 2168930  | 2.937  | 0.652 #  |
| 14)                         | MA Endrin       | 5.975f | 6.823  | 3767776  | 11661837 | 0.576  | 4.234 #  |
| 15)                         | B Endosulfa...  | 6.323f | 7.081f | 230802   | 4282855  | 0.037  | 1.551 #  |
| 16)                         | A 4,4'-DDD      | 6.140  | 6.958  | 2139347  | 13175743 | 0.404  | 5.006 #  |
| 17)                         | MA 4,4'-DDT     | 6.374  | 7.254  | 23703808 | 1522617  | 4.258  | 0.577 #  |
| 18)                         | B Endrin al...  | 6.471  | 7.227f | 842300   | 10711494 | 0.162  | 4.672 #  |
| 19)                         | B Endosulfa...  | 6.660  | 0.000  | 2391943  | 0        | 0.383  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.905  | 0.000  | 2711910  | 0        | 0.860  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.180  | 7.825f | 2013620  | 3041227  | 0.291  | 1.100 #  |
| 23)                         | Chlordane-1     | 4.271  | 5.121  | 706410   | -220515  | 2.555  | N.D. #   |
| 24)                         | Chlordane-2     | 4.896  | 5.570  | 9752468  | 261597   | 34.703 | 1.876 #  |
| 25)                         | Chlordane-3     | 5.421  | 6.246  | 14131384 | 7285634  | 16.121 | 15.504   |
| 26)                         | Chlordane-4     | 5.444  | 6.246  | 2680274  | 7285634  | 3.532  | 13.315 # |
| 27)                         | Chlordane-5     | 6.323  | 7.081  | 230802   | 4282855  | 0.775  | 44.522 # |
| -----                       |                 |        |        |          |          |        |          |

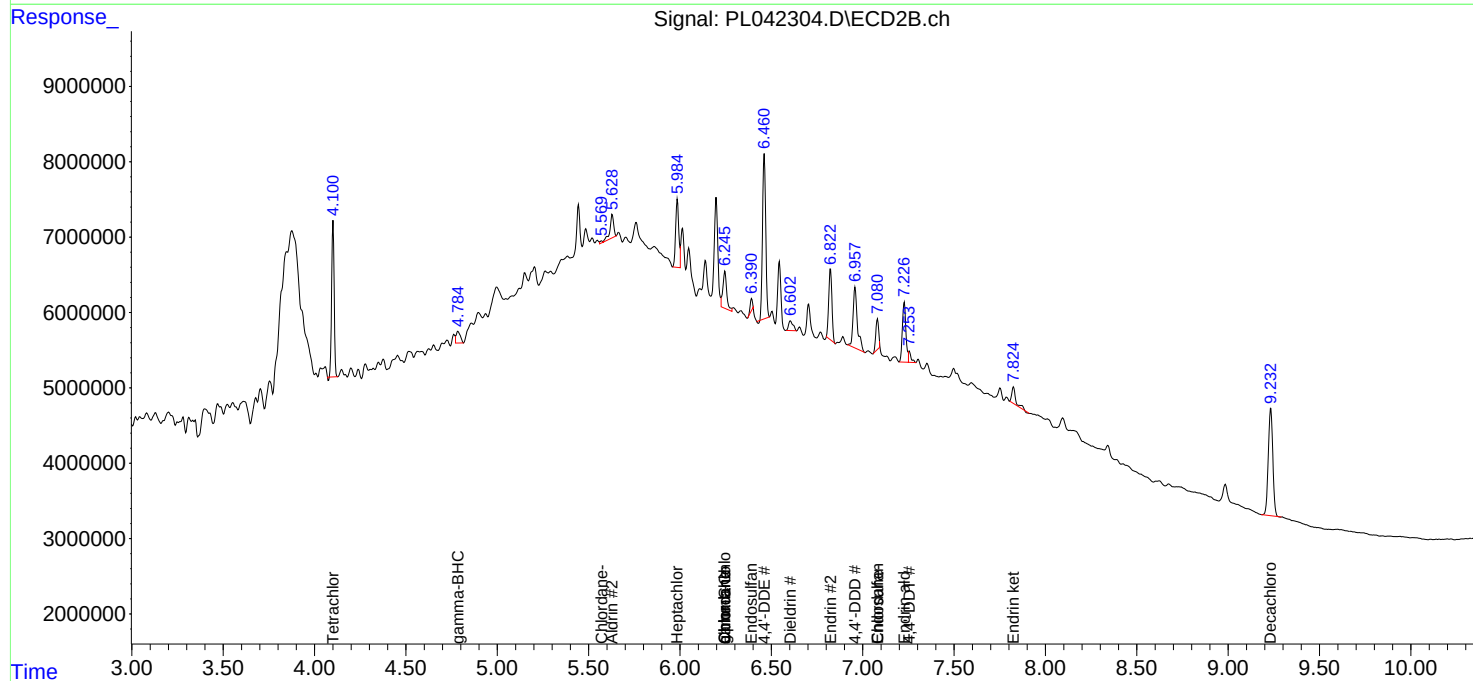
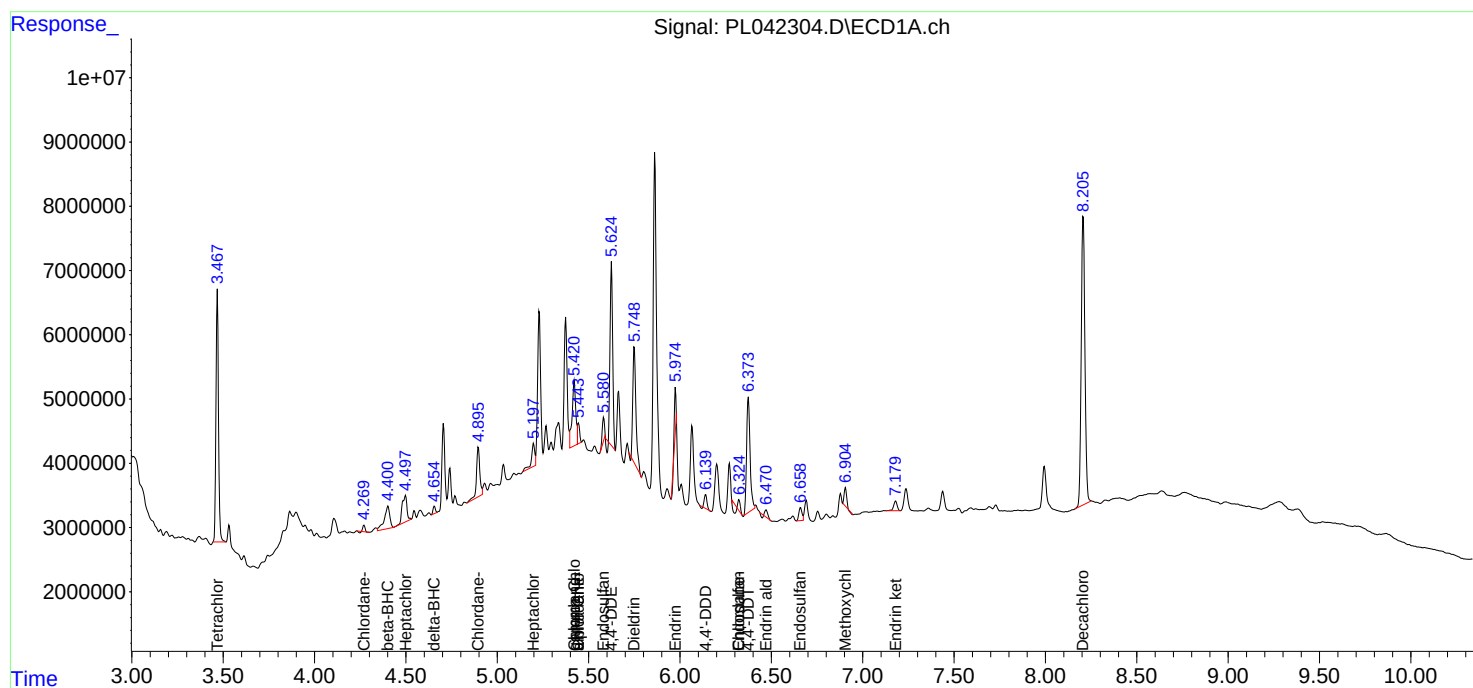
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

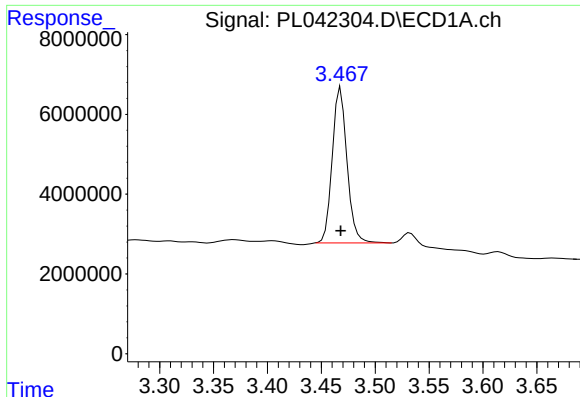
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112018\  
Data File : PL042304.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2018 19:59  
Operator : AJ\SJ  
Sample : J5993-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 02:53:10 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 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

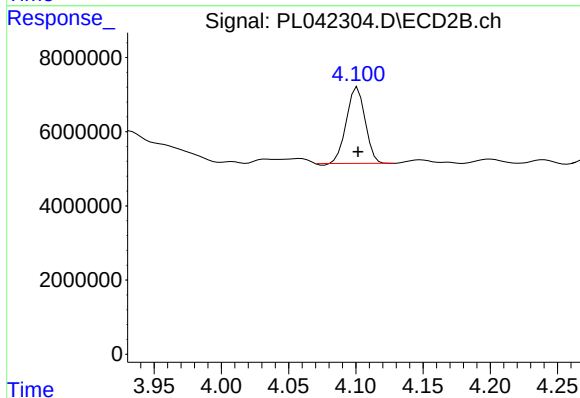




#1 Tetrachloro-m-xylene

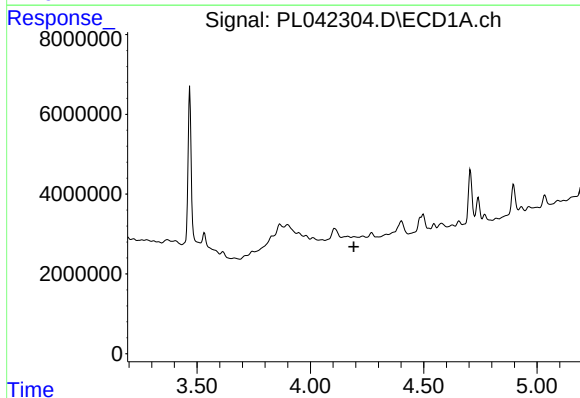
R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 37130068  
Conc: 6.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



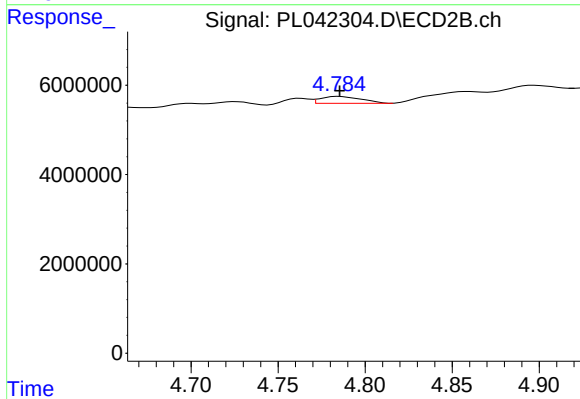
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 19800703  
Conc: 6.88 ng/ml



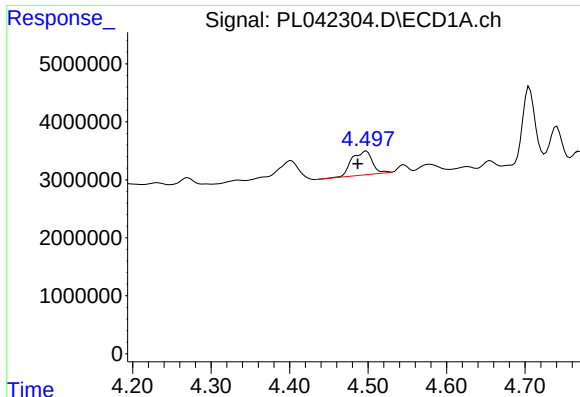
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.191 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

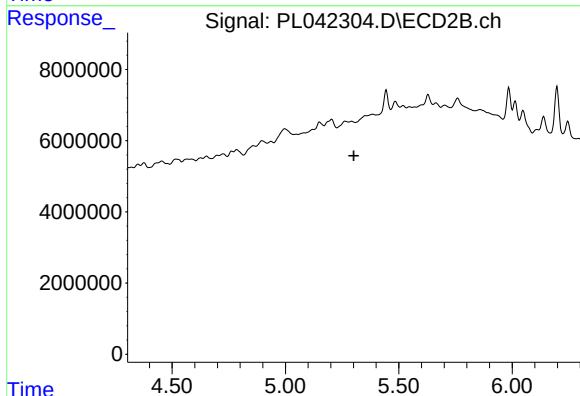
R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 2494631  
Conc: 0.63 ng/ml



#4 Heptachlor

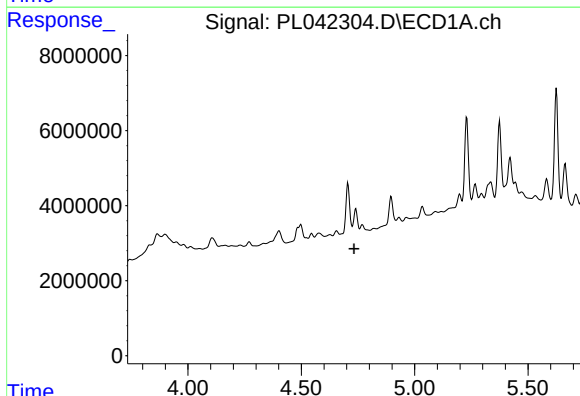
R.T.: 4.498 min  
Delta R.T.: 0.011 min  
Response: 7568818  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



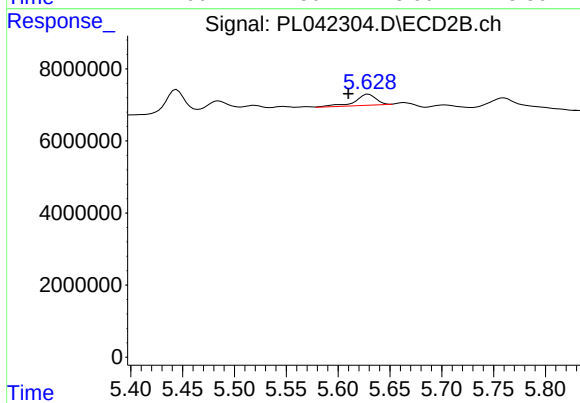
#4 Heptachlor

R.T.: 5.263 min  
Delta R.T.: -0.038 min  
Response: -2191107  
Conc: N.D.



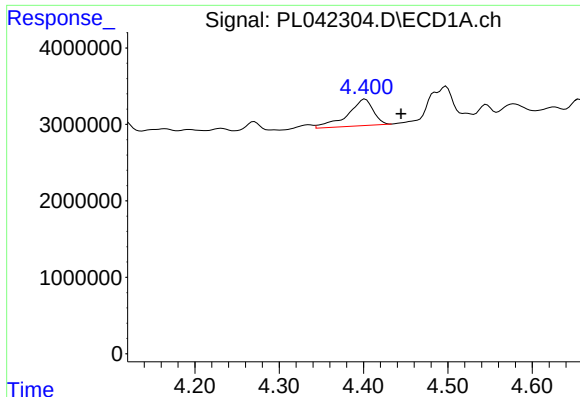
#5 Aldrin

R.T.: 4.740 min  
Delta R.T.: 0.007 min  
Response: -3200223  
Conc: N.D.



#5 Aldrin

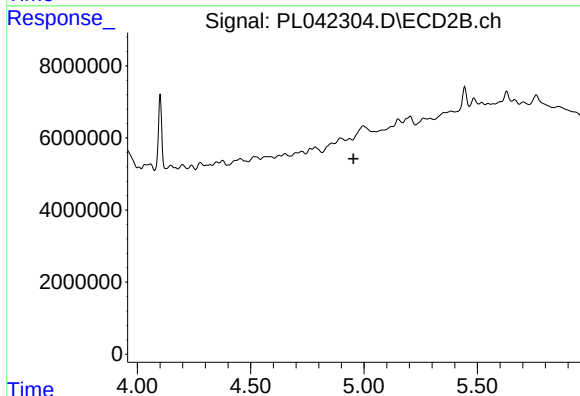
R.T.: 5.629 min  
Delta R.T.: 0.019 min  
Response: 4641177  
Conc: 1.21 ng/ml



#6 beta-BHC

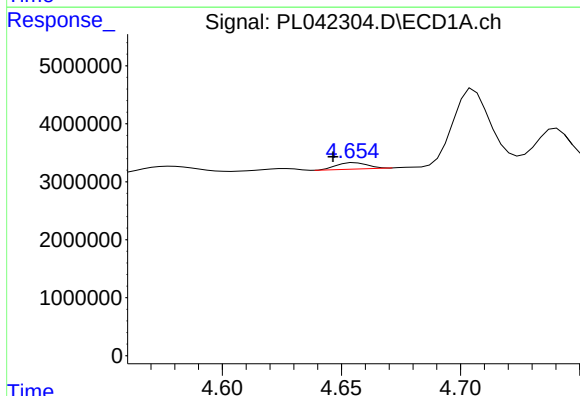
R.T.: 4.402 min  
Delta R.T.: -0.042 min  
Response: 7365815  
Conc: 2.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



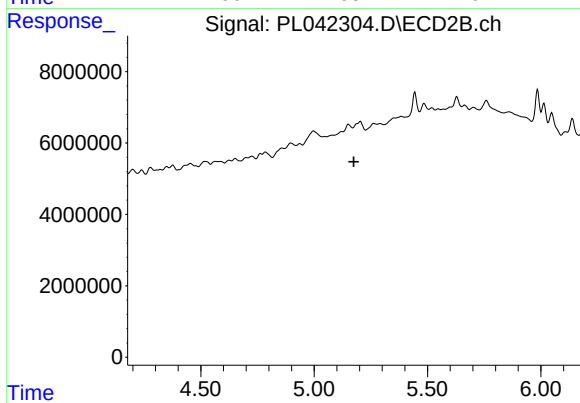
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.954 min  
Response: 0  
Conc: N.D.



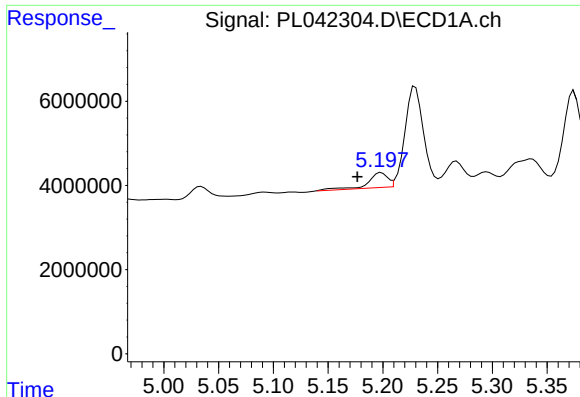
#7 delta-BHC

R.T.: 4.656 min  
Delta R.T.: 0.009 min  
Response: 1009457  
Conc: 0.13 ng/ml



#7 delta-BHC

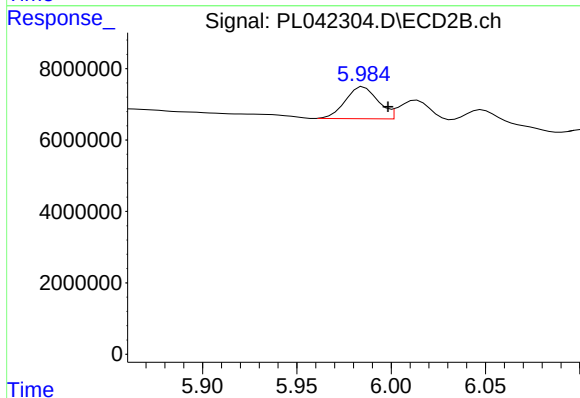
R.T.: 0.000 min  
Exp R.T. : 5.175 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

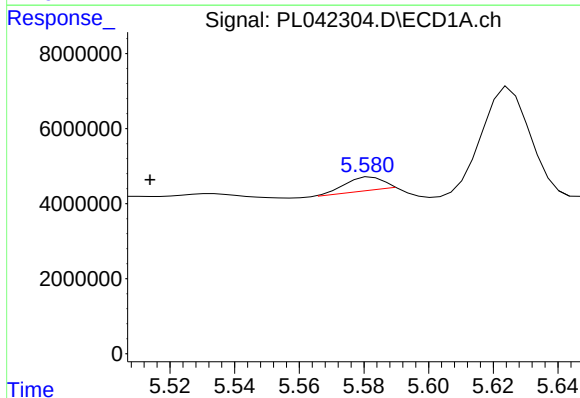
R.T.: 5.199 min  
Delta R.T.: 0.022 min  
Response: 4394252  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



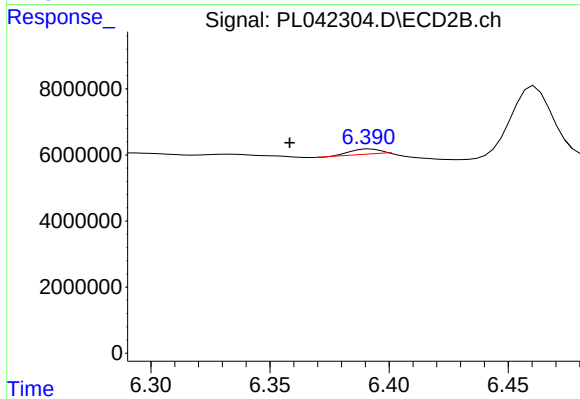
#8 Heptachlor epoxide

R.T.: 5.985 min  
Delta R.T.: -0.013 min  
Response: 10714367  
Conc: 2.99 ng/ml



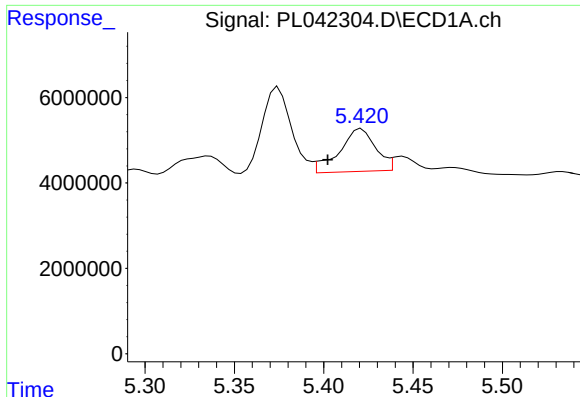
#9 Endosulfan I

R.T.: 5.582 min  
Delta R.T.: 0.069 min  
Response: 3198386  
Conc: 0.46 ng/ml



#9 Endosulfan I

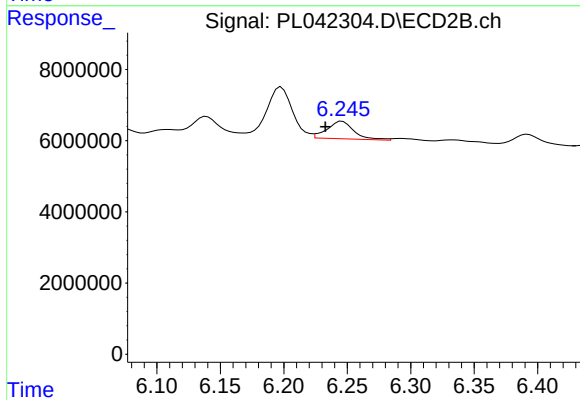
R.T.: 6.392 min  
Delta R.T.: 0.034 min  
Response: 803796  
Conc: 0.25 ng/ml



#10 gamma-Chlordane

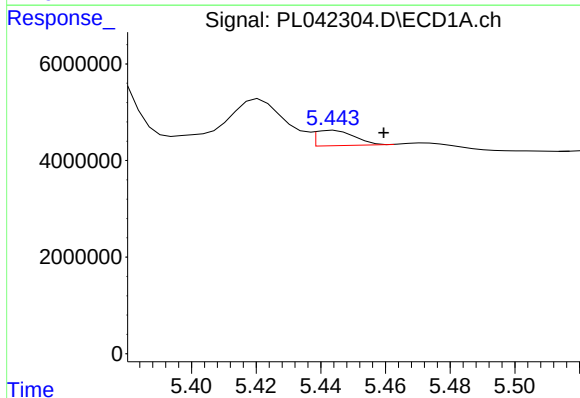
R.T.: 5.421 min  
Delta R.T.: 0.019 min  
Response: 14131384  
Conc: 1.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



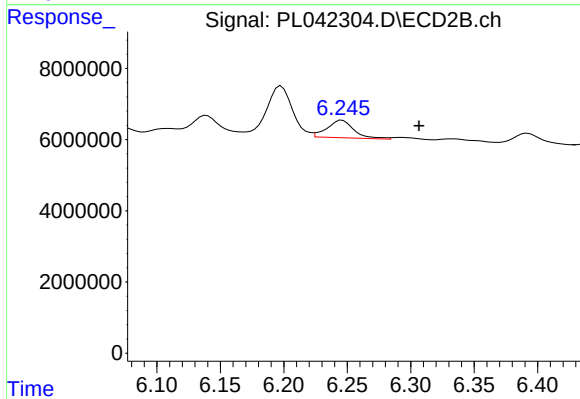
#10 gamma-Chlordane

R.T.: 6.246 min  
Delta R.T.: 0.013 min  
Response: 7285634  
Conc: 2.14 ng/ml



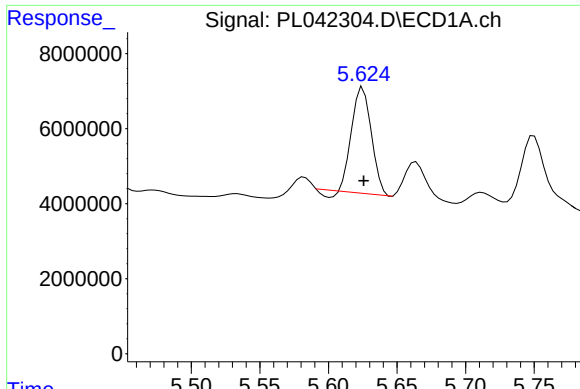
#11 alpha-Chlordane

R.T.: 5.444 min  
Delta R.T.: -0.015 min  
Response: 2680274  
Conc: 0.36 ng/ml



#11 alpha-Chlordane

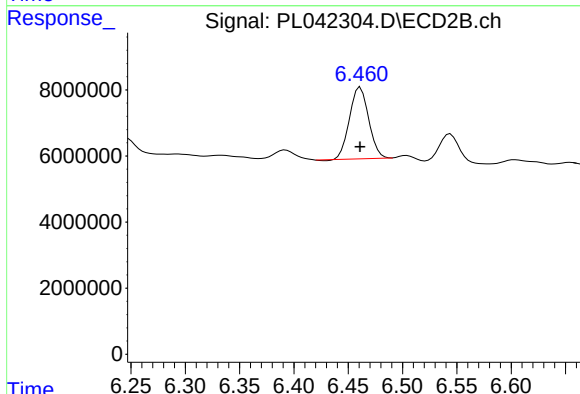
R.T.: 6.246 min  
Delta R.T.: -0.061 min  
Response: 7285634  
Conc: 2.18 ng/ml



#12 4,4'-DDE

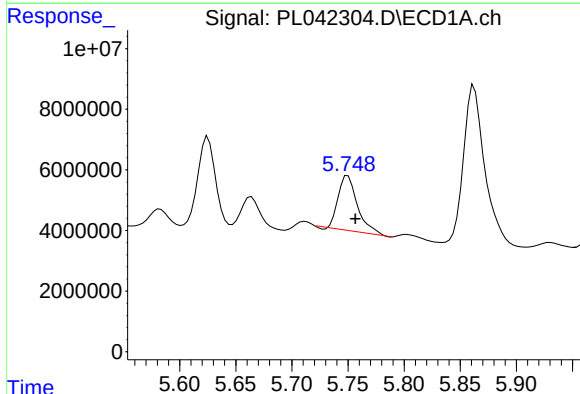
R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 27784246  
Conc: 4.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



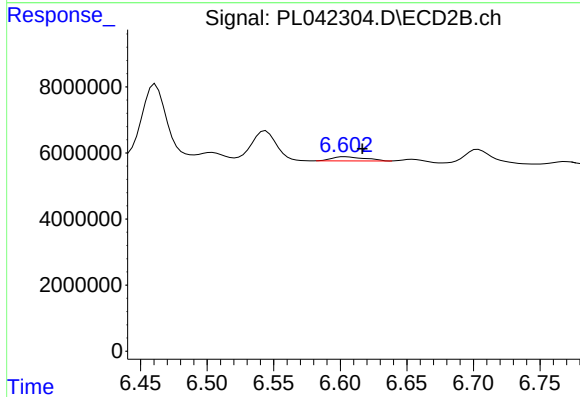
#12 4,4'-DDE

R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 26446091  
Conc: 7.95 ng/ml



#13 Dieldrin

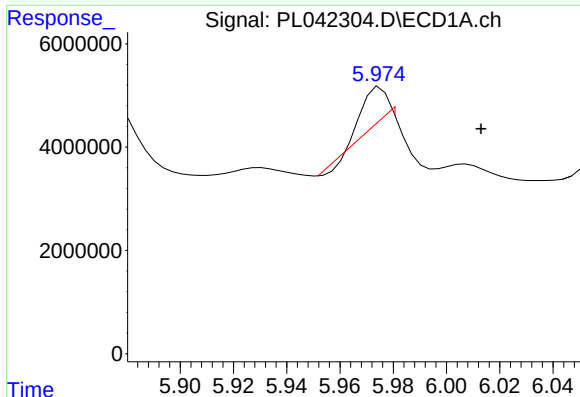
R.T.: 5.750 min  
Delta R.T.: -0.007 min  
Response: 21609897  
Conc: 2.94 ng/ml



#13 Dieldrin

R.T.: 6.604 min  
Delta R.T.: -0.013 min  
Response: 2168930  
Conc: 0.65 ng/ml

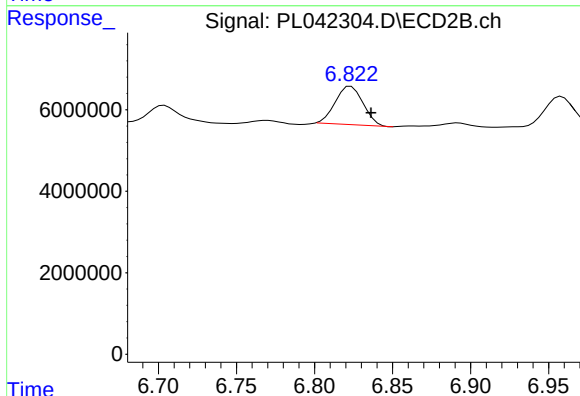




#14 Endrin

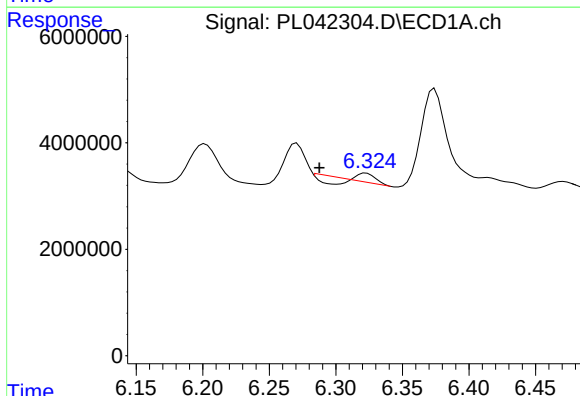
R.T.: 5.975 min  
Delta R.T.: -0.038 min  
Response: 3767776  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



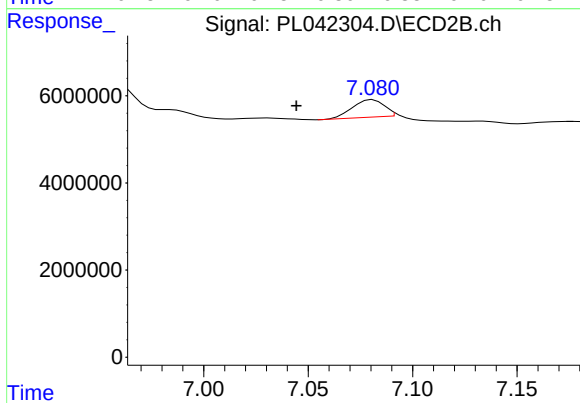
#14 Endrin

R.T.: 6.823 min  
Delta R.T.: -0.013 min  
Response: 11661837  
Conc: 4.23 ng/ml



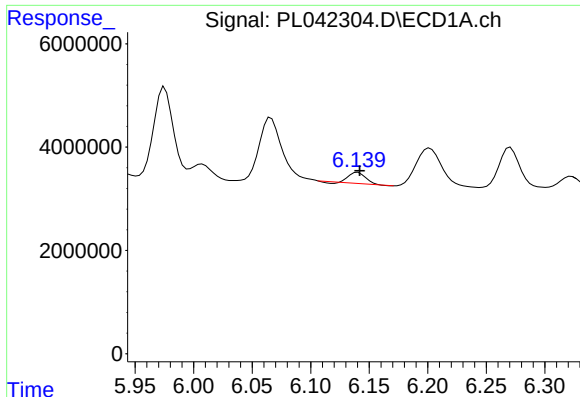
#15 Endosulfan II

R.T.: 6.323 min  
Delta R.T.: 0.035 min  
Response: 230802  
Conc: 0.04 ng/ml



#15 Endosulfan II

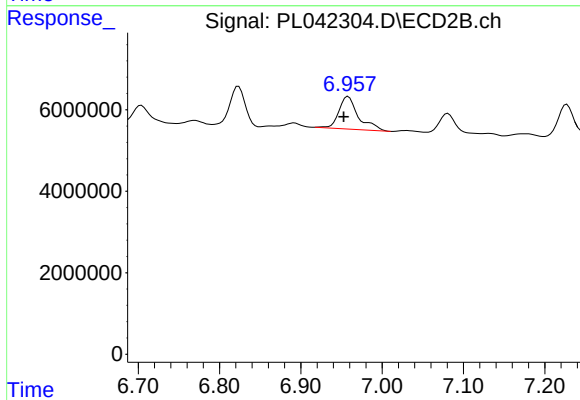
R.T.: 7.081 min  
Delta R.T.: 0.037 min  
Response: 4282855  
Conc: 1.55 ng/ml



#16 4,4'-DDD

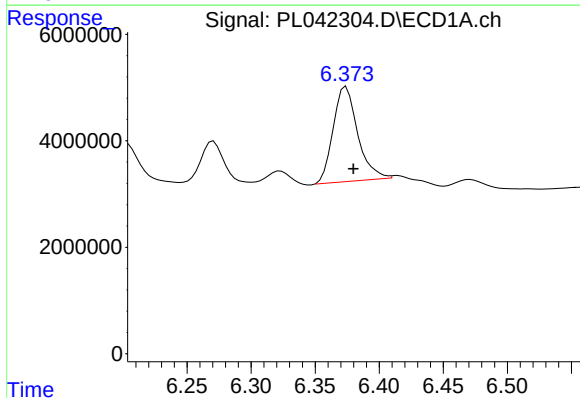
R.T.: 6.140 min  
Delta R.T.: -0.001 min  
Response: 2139347  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



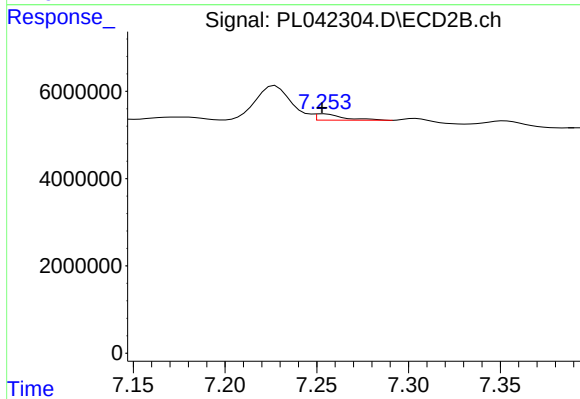
#16 4,4'-DDD

R.T.: 6.958 min  
Delta R.T.: 0.006 min  
Response: 13175743  
Conc: 5.01 ng/ml



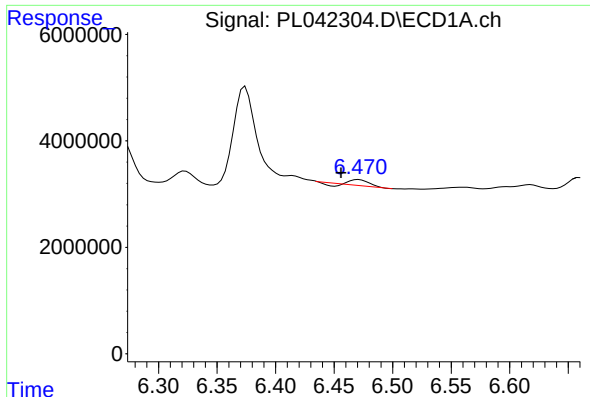
#17 4,4'-DDT

R.T.: 6.374 min  
Delta R.T.: -0.006 min  
Response: 23703808  
Conc: 4.26 ng/ml



#17 4,4'-DDT

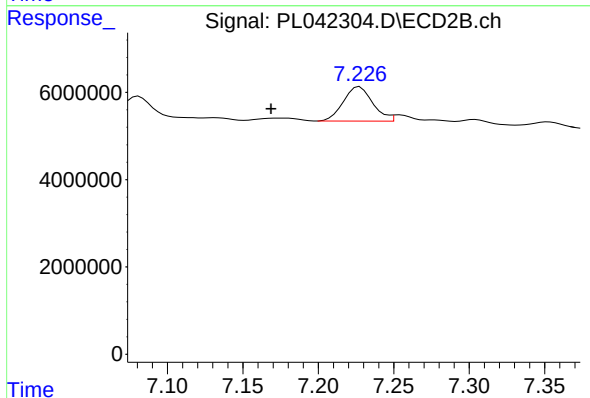
R.T.: 7.254 min  
Delta R.T.: 0.001 min  
Response: 1522617  
Conc: 0.58 ng/ml



#18 Endrin aldehyde

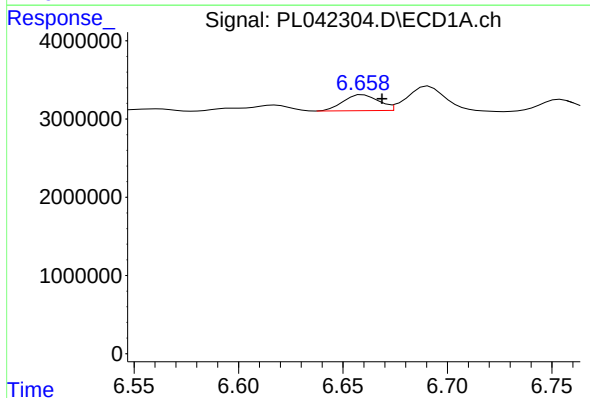
R.T.: 6.471 min  
Delta R.T.: 0.015 min  
Response: 842300  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



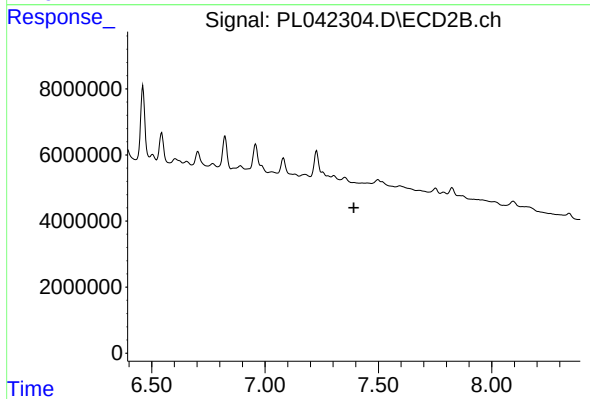
#18 Endrin aldehyde

R.T.: 7.227 min  
Delta R.T.: 0.059 min  
Response: 10711494  
Conc: 4.67 ng/ml



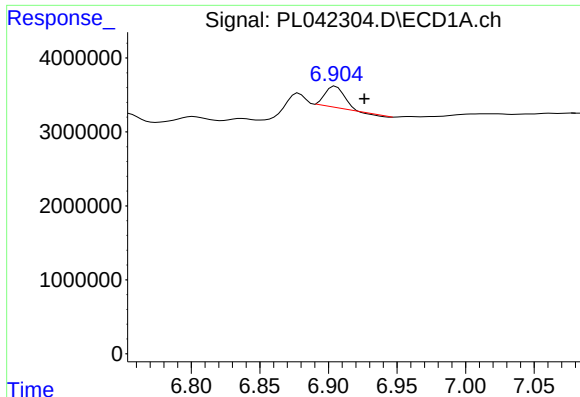
#19 Endosulfan Sulfate

R.T.: 6.660 min  
Delta R.T.: -0.009 min  
Response: 2391943  
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

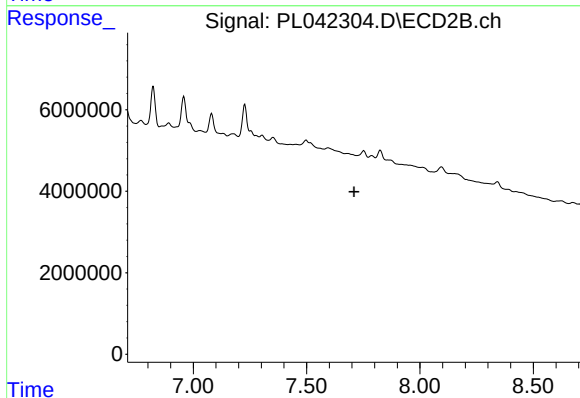
R.T.: 0.000 min  
Exp R.T.: 7.392 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

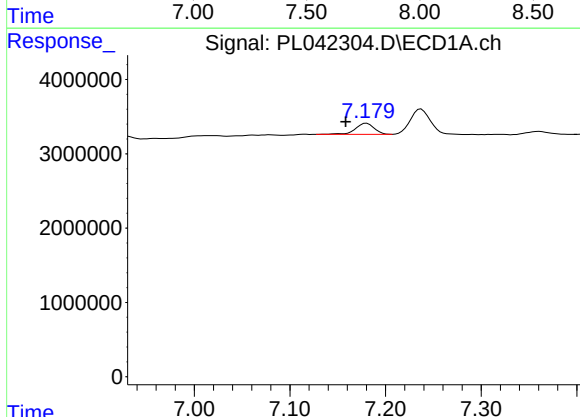
R.T.: 6.905 min  
Delta R.T.: -0.021 min  
Response: 2711910  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



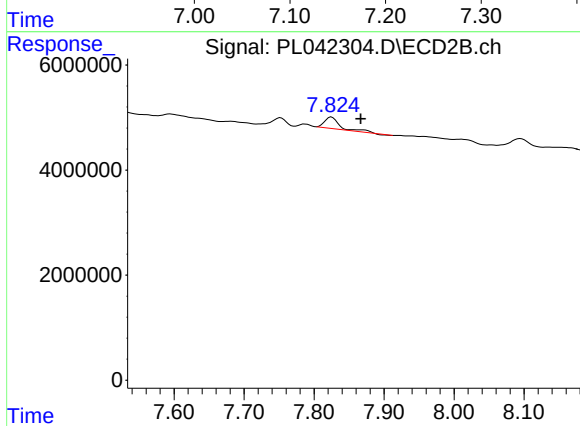
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.709 min  
Response: 0  
Conc: N.D.



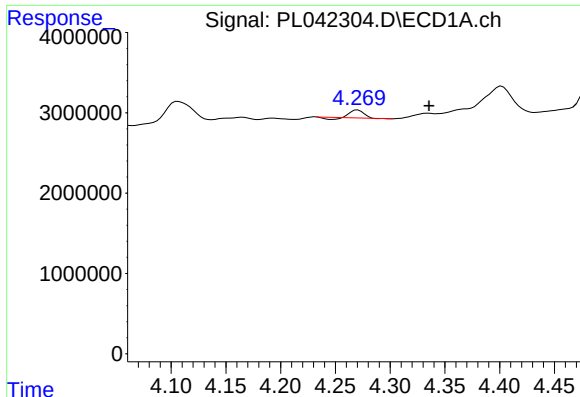
#21 Endrin ketone

R.T.: 7.180 min  
Delta R.T.: 0.022 min  
Response: 2013620  
Conc: 0.29 ng/ml



#21 Endrin ketone

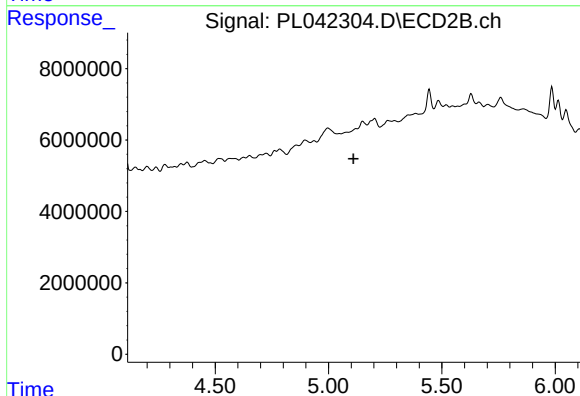
R.T.: 7.825 min  
Delta R.T.: -0.041 min  
Response: 3041227  
Conc: 1.10 ng/ml



#23 Chlordane-1

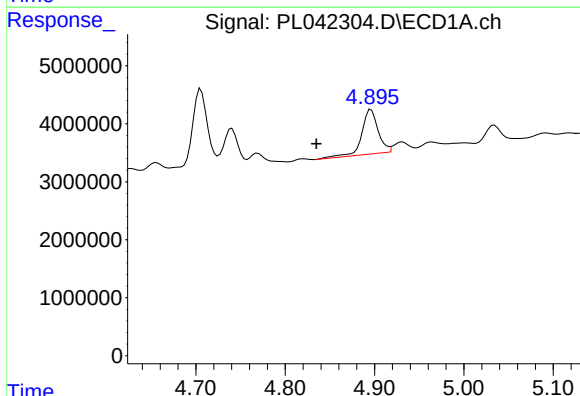
R.T.: 4.271 min  
Delta R.T.: -0.065 min  
Response: 706410  
Conc: 2.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



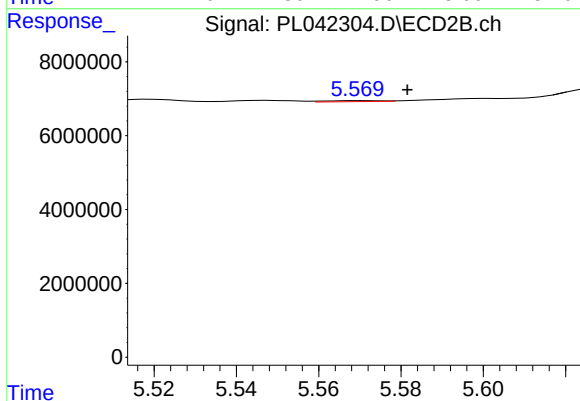
#23 Chlordane-1

R.T.: 5.121 min  
Delta R.T.: 0.011 min  
Response: -220515  
Conc: N.D.



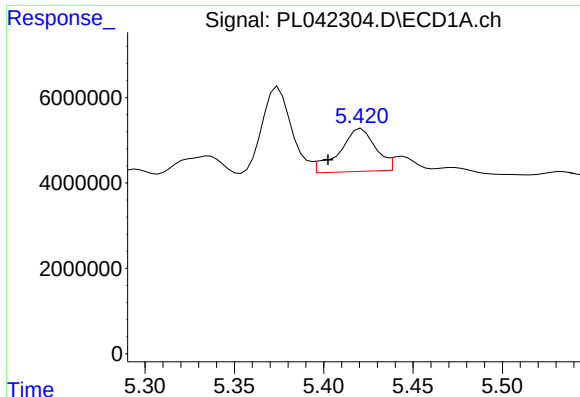
#24 Chlordane-2

R.T.: 4.896 min  
Delta R.T.: 0.061 min  
Response: 9752468  
Conc: 34.70 ng/ml



#24 Chlordane-2

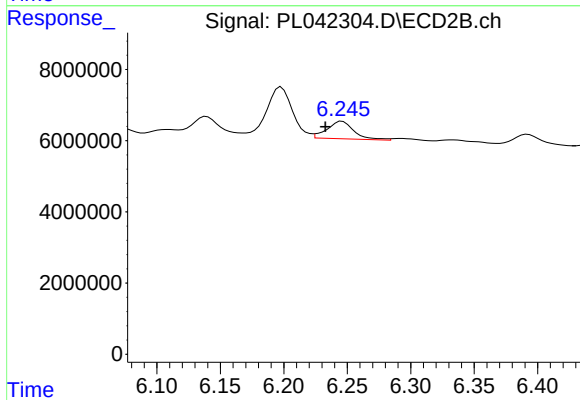
R.T.: 5.570 min  
Delta R.T.: -0.011 min  
Response: 261597  
Conc: 1.88 ng/ml



#25 Chlordane-3

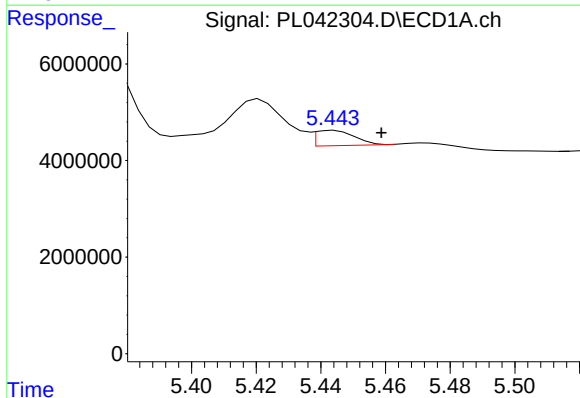
R.T.: 5.421 min  
Delta R.T.: 0.019 min  
Response: 14131384  
Conc: 16.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



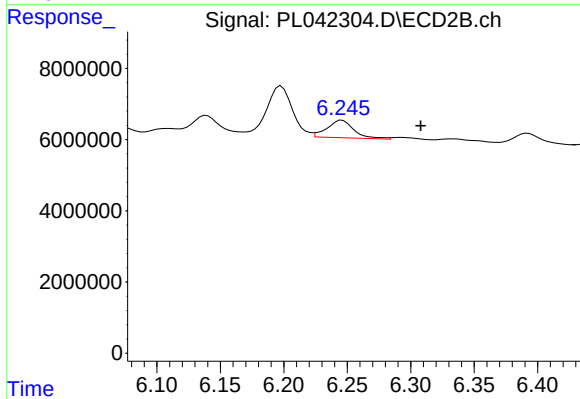
#25 Chlordane-3

R.T.: 6.246 min  
Delta R.T.: 0.013 min  
Response: 7285634  
Conc: 15.50 ng/ml



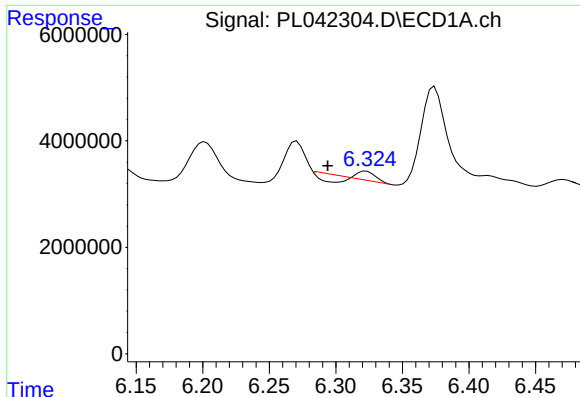
#26 Chlordane-4

R.T.: 5.444 min  
Delta R.T.: -0.015 min  
Response: 2680274  
Conc: 3.53 ng/ml



#26 Chlordane-4

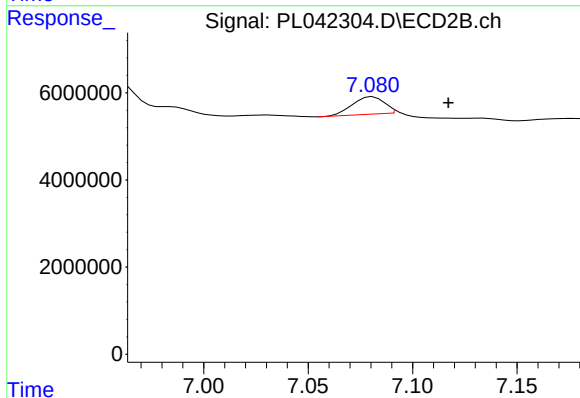
R.T.: 6.246 min  
Delta R.T.: -0.062 min  
Response: 7285634  
Conc: 13.32 ng/ml



#27 Chlordane-5

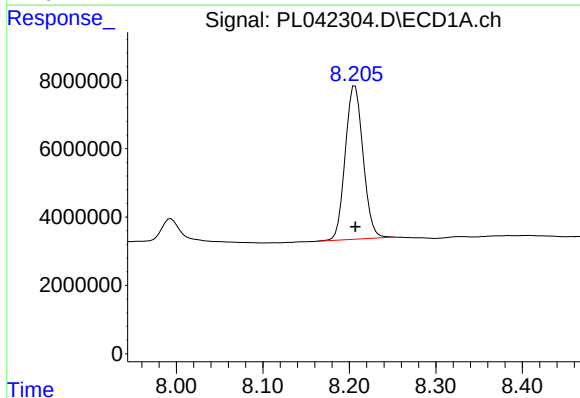
R.T.: 6.323 min  
Delta R.T.: 0.029 min  
Response: 230802  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



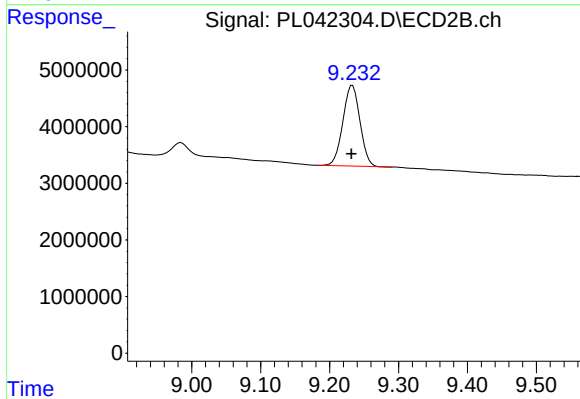
#27 Chlordane-5

R.T.: 7.081 min  
Delta R.T.: -0.036 min  
Response: 4282855  
Conc: 44.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 64145158  
Conc: 10.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.233 min  
Delta R.T.: 0.002 min  
Response: 24561257  
Conc: 10.18 ng/ml