

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022122\  
 Data File : PD068122.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2022 13:35  
 Operator : AR\AJ  
 Sample : N1331-04  
 Misc : PEST MDL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 06:30:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021822CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 18 23:15:19 2022  
 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 x 0.50µm

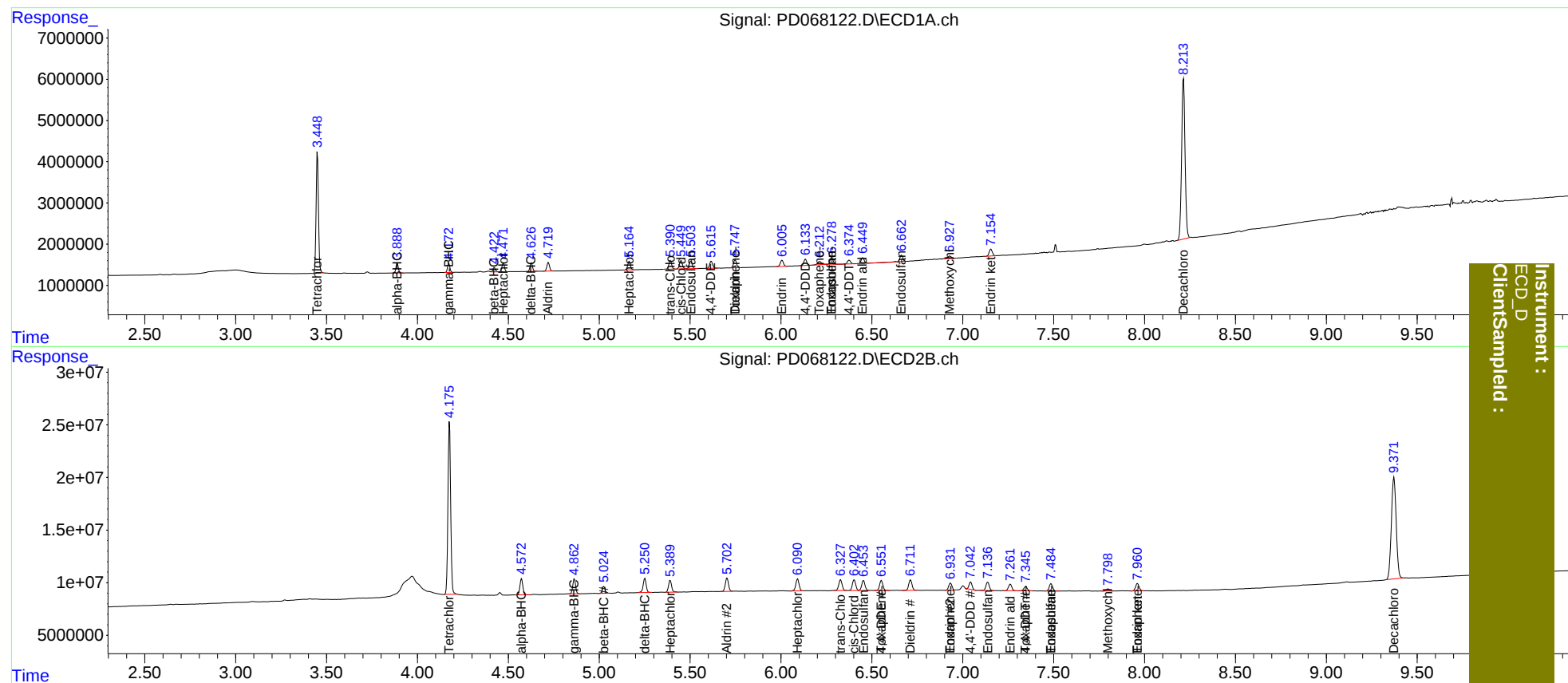
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.450  | 4.176  | 26580262 | 169.3E6  | 18.705  | 17.095    |
| 27)                         | SA Decachlor... | 8.214  | 9.372  | 50973345 | 178.5E6  | 41.710  | 39.372    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.889  | 4.573  | 2164910  | 16849776 | 1.093   | 1.237     |
| 3)                          | MA gamma-BHC... | 4.173  | 4.863  | 2006283  | 15318227 | 1.063   | 1.225     |
| 4)                          | MA Heptachlor   | 4.473  | 5.391  | 2046932  | 13312247 | 1.181   | 1.275     |
| 5)                          | MB Aldrin       | 4.720  | 5.704  | 2176418  | 15445439 | 1.145   | 1.313     |
| 6)                          | B beta-BHC      | 4.423  | 5.026  | 1012687  | 6997158  | 1.150   | 1.239     |
| 7)                          | B delta-BHC     | 4.627  | 5.252  | 2037863  | 15742081 | 1.103   | 1.263     |
| 8)                          | B Heptachlo...  | 5.165  | 6.092  | 2169362  | 14317903 | 1.254   | 1.396     |
| 9)                          | A Endosulfan I  | 5.504  | 6.454  | 2079637  | 12067802 | 1.278   | 1.323     |
| 10)                         | B trans-Chl...  | 5.392  | 6.328  | 2278142  | 13127644 | 1.291   | 1.315     |
| 11)                         | B cis-Chlor...  | 5.450  | 6.403  | 2263571  | 13095375 | 1.303   | 1.362     |
| 12)                         | B 4,4'-DDE      | 5.617  | 6.553  | 1889672  | 12078971 | 1.182   | 1.395     |
| 13)                         | MA Dieldrin     | 5.748  | 6.713  | 2188322  | 12763063 | 1.230   | 1.369     |
| 14)                         | MA Endrin       | 6.006  | 6.933  | 1772435  | 8618902  | 1.282   | 1.309     |
| 15)                         | B Endosulfa...  | 6.280  | 7.138  | 1948690  | 9858294  | 1.296   | 1.363     |
| 16)                         | A 4,4'-DDD      | 6.135  | 7.043  | 1752733  | 7918022  | 1.260   | 1.162     |
| 17)                         | MA 4,4'-DDT     | 6.375  | 7.347  | 1097134  | 5357423  | 0.940   | 1.074     |
| 18)                         | B Endrin al...  | 6.450  | 7.262  | 1659895  | 7885216  | 1.515   | 1.504     |
| 19)                         | B Endosulfa...  | 6.663  | 7.486  | 1511486  | 9074975  | 1.104   | 1.443 #   |
| 20)                         | A Methoxychlor  | 6.929  | 7.799  | 866451   | 2630624  | 1.345   | 1.180     |
| 21)                         | B Endrin ke...  | 7.155  | 7.961  | 2001643  | 9488990  | 1.362   | 1.547     |
| 22)                         | Toxaphene-1     | 5.748  | 6.553f | 2188322  | 12078971 | 191.237 | 323.968 # |
| 23)                         | Toxaphene-2     | 6.213  | 6.933  | 1206460  | 8618902  | 102.626 | 176.597 # |
| 24)                         | Toxaphene-3     | 6.280f | 7.347f | 1948690  | 5357423  | 67.736  | 31.187 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.486  | 0        | 9074975  | N.D.    | 92.415    |
| 26)                         | Toxaphene-5     | 0.000  | 7.961f | 0        | 9488990  | N.D.    | 144.301   |
| -----                       |                 |        |        |          |          |         |           |

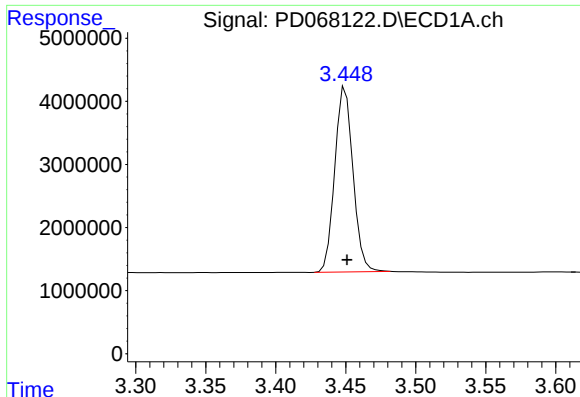
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022122\  
Data File : PD068122.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2022 13:35  
Operator : AR\AJ  
Sample : N1331-04  
Misc : PEST MDL  
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 06:30:39 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021822CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 18 23:15:19 2022  
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 x 0.50µm

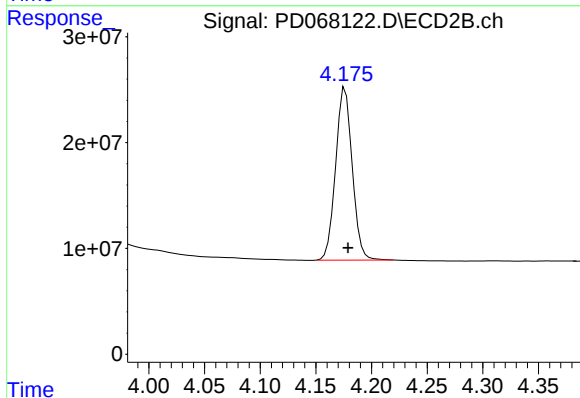




#1 Tetrachloro-m-xylene

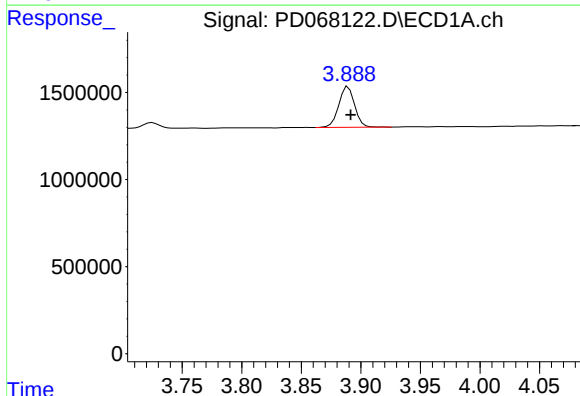
R.T.: 3.450 min  
Delta R.T.: -0.001 min  
Response: 26580262  
Conc: 18.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



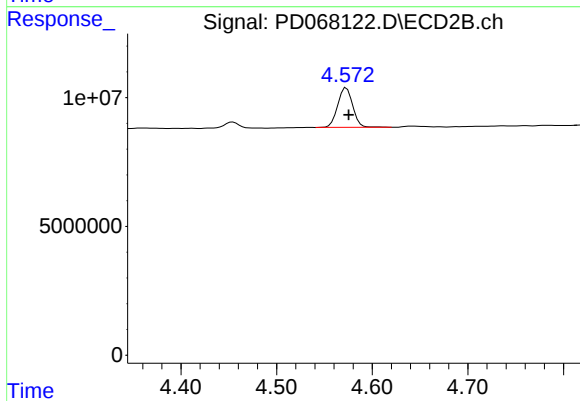
#1 Tetrachloro-m-xylene

R.T.: 4.176 min  
Delta R.T.: -0.002 min  
Response: 169310550  
Conc: 17.09 ng/ml



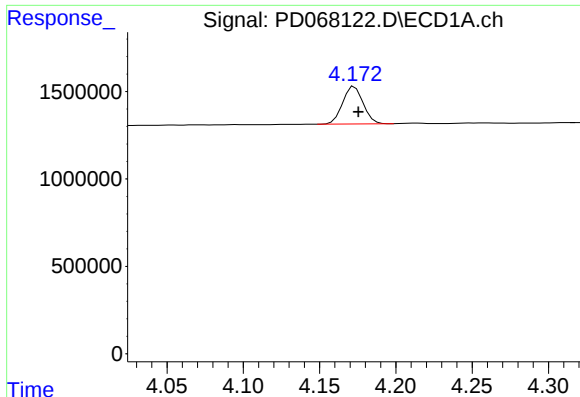
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: -0.002 min  
Response: 2164910  
Conc: 1.09 ng/ml



#2 alpha-BHC

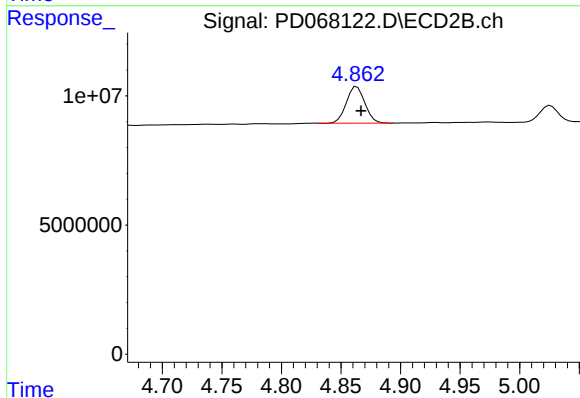
R.T.: 4.573 min  
Delta R.T.: -0.003 min  
Response: 16849776  
Conc: 1.24 ng/ml



#3 gamma-BHC (Lindane)

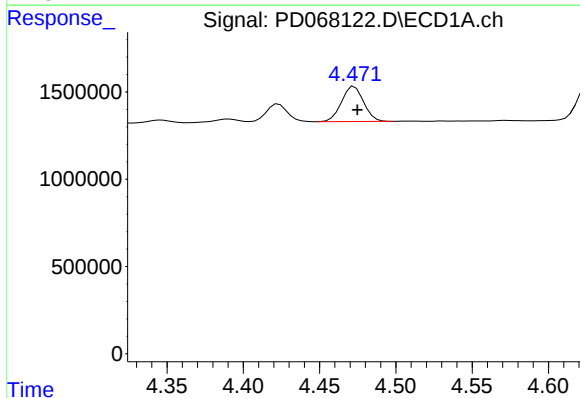
R.T.: 4.173 min  
Delta R.T.: -0.002 min  
Response: 2006283  
Conc: 1.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



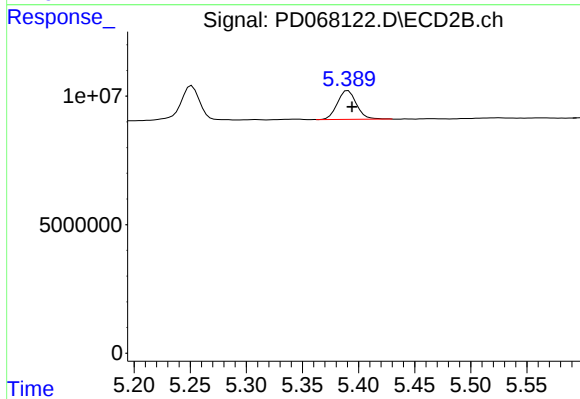
#3 gamma-BHC (Lindane)

R.T.: 4.863 min  
Delta R.T.: -0.003 min  
Response: 15318227  
Conc: 1.23 ng/ml



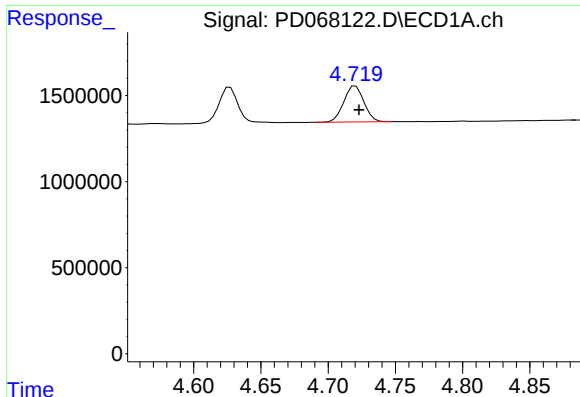
#4 Heptachlor

R.T.: 4.473 min  
Delta R.T.: -0.002 min  
Response: 2046932  
Conc: 1.18 ng/ml



#4 Heptachlor

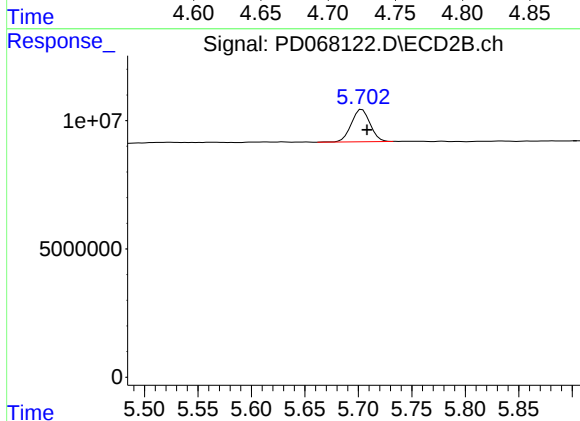
R.T.: 5.391 min  
Delta R.T.: -0.003 min  
Response: 13312247  
Conc: 1.28 ng/ml



#5 Aldrin

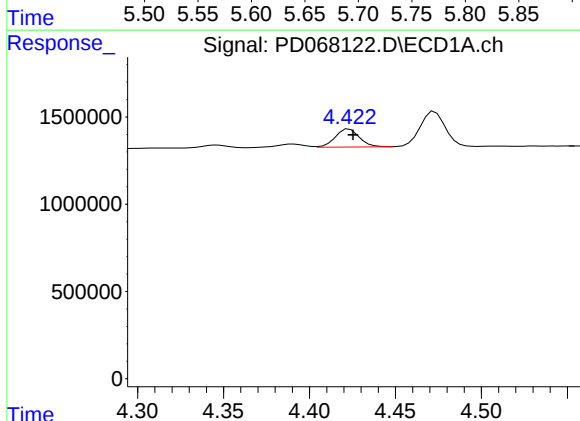
R.T.: 4.720 min  
Delta R.T.: -0.003 min  
Response: 2176418  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



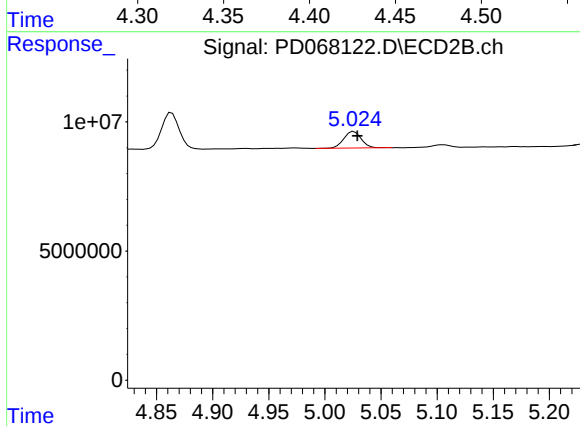
#5 Aldrin

R.T.: 5.704 min  
Delta R.T.: -0.005 min  
Response: 15445439  
Conc: 1.31 ng/ml



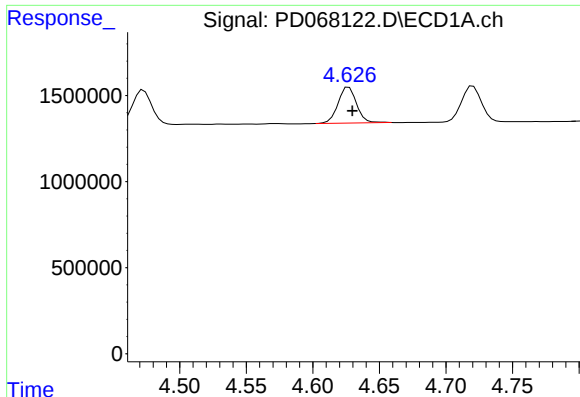
#6 beta-BHC

R.T.: 4.423 min  
Delta R.T.: -0.002 min  
Response: 1012687  
Conc: 1.15 ng/ml



#6 beta-BHC

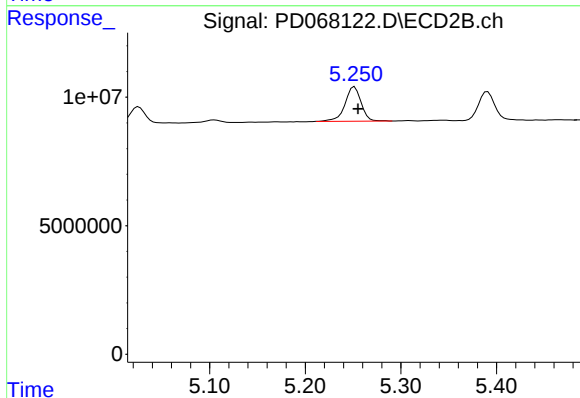
R.T.: 5.026 min  
Delta R.T.: -0.003 min  
Response: 6997158  
Conc: 1.24 ng/ml



#7 delta-BHC

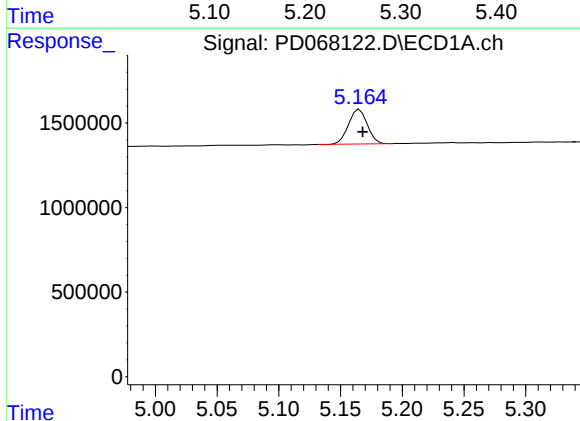
R.T.: 4.627 min  
Delta R.T.: -0.003 min  
Response: 2037863  
Conc: 1.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



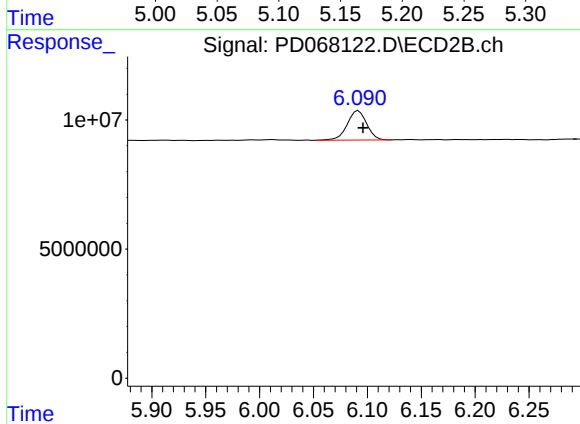
#7 delta-BHC

R.T.: 5.252 min  
Delta R.T.: -0.004 min  
Response: 15742081  
Conc: 1.26 ng/ml



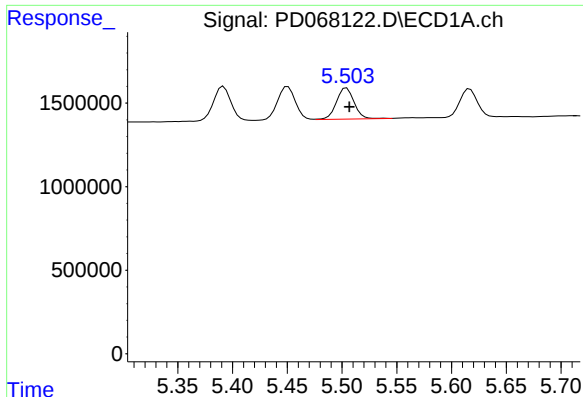
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: -0.003 min  
Response: 2169362  
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

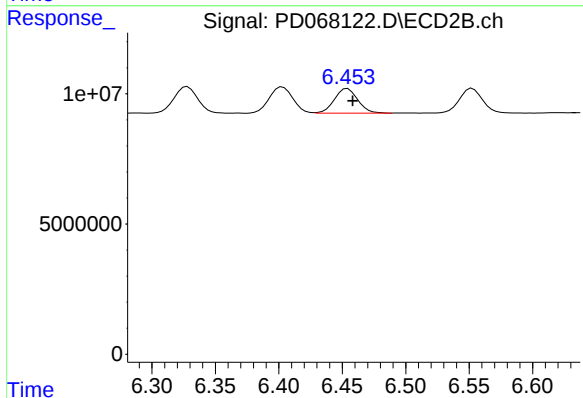
R.T.: 6.092 min  
Delta R.T.: -0.004 min  
Response: 14317903  
Conc: 1.40 ng/ml



#9 Endosulfan I

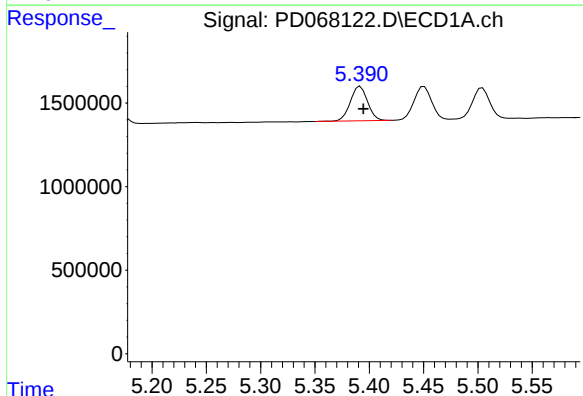
R.T.: 5.504 min  
Delta R.T.: -0.003 min  
Response: 2079637  
Conc: 1.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



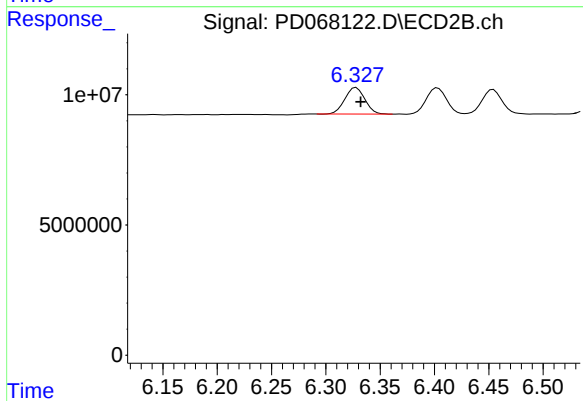
#9 Endosulfan I

R.T.: 6.454 min  
Delta R.T.: -0.004 min  
Response: 12067802  
Conc: 1.32 ng/ml



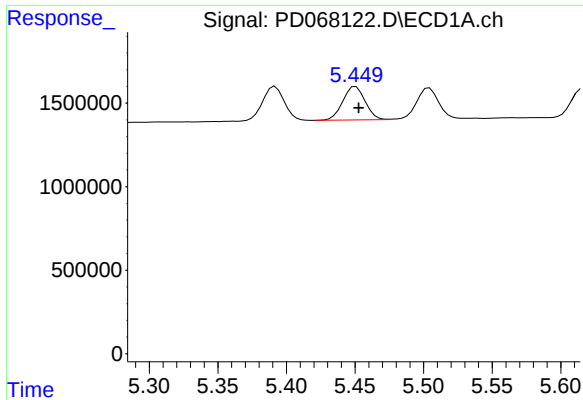
#10 trans-Chlordane

R.T.: 5.392 min  
Delta R.T.: -0.003 min  
Response: 2278142  
Conc: 1.29 ng/ml



#10 trans-Chlordane

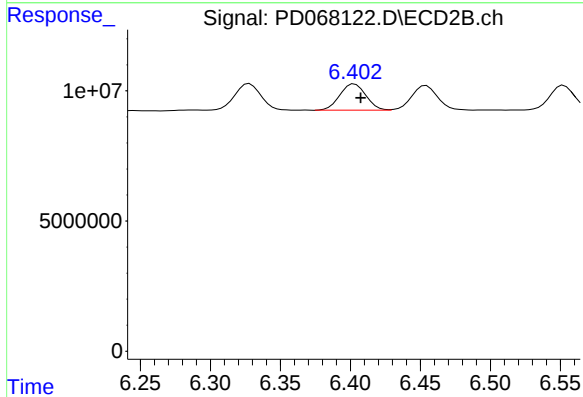
R.T.: 6.328 min  
Delta R.T.: -0.004 min  
Response: 13127644  
Conc: 1.32 ng/ml



#11 cis-Chlordane

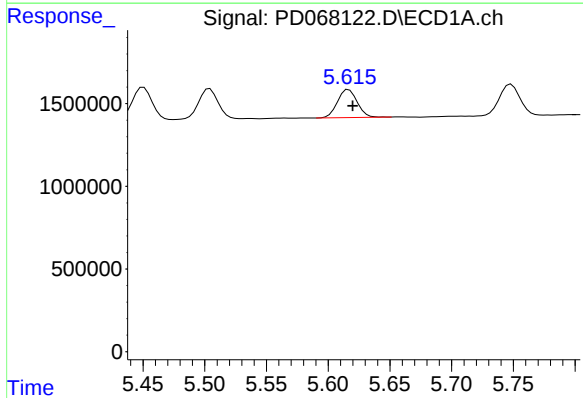
R.T.: 5.450 min  
Delta R.T.: -0.002 min  
Response: 2263571  
Conc: 1.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



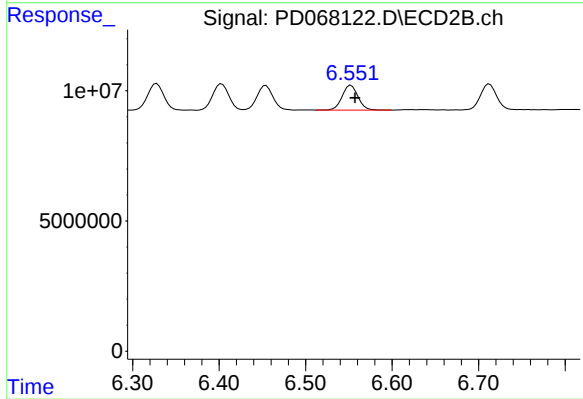
#11 cis-Chlordane

R.T.: 6.403 min  
Delta R.T.: -0.004 min  
Response: 13095375  
Conc: 1.36 ng/ml



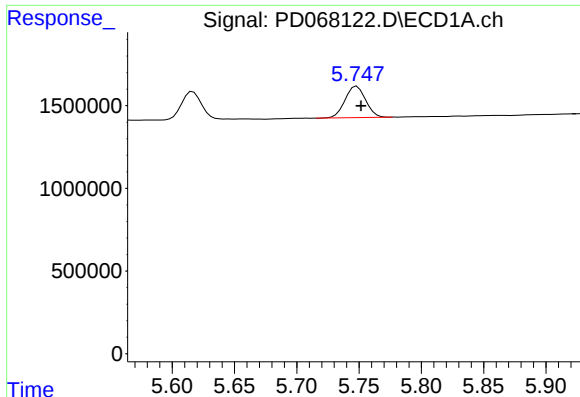
#12 4,4'-DDE

R.T.: 5.617 min  
Delta R.T.: -0.003 min  
Response: 1889672  
Conc: 1.18 ng/ml



#12 4,4'-DDE

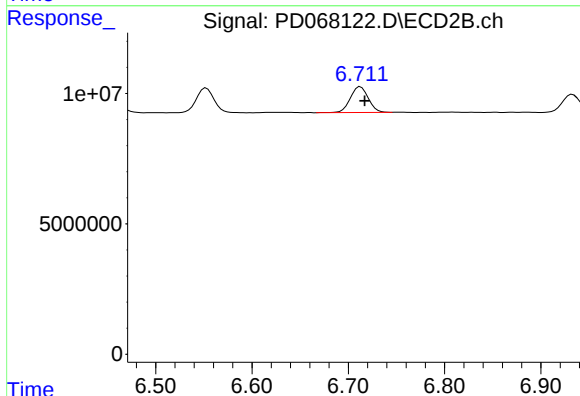
R.T.: 6.553 min  
Delta R.T.: -0.005 min  
Response: 12078971  
Conc: 1.40 ng/ml



#13 Dieldrin

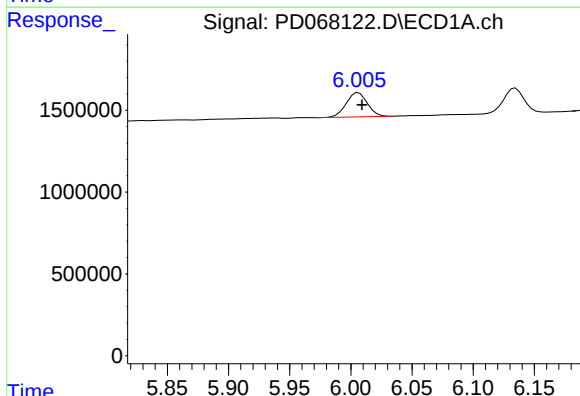
R.T.: 5.748 min  
Delta R.T.: -0.003 min  
Response: 2188322  
Conc: 1.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



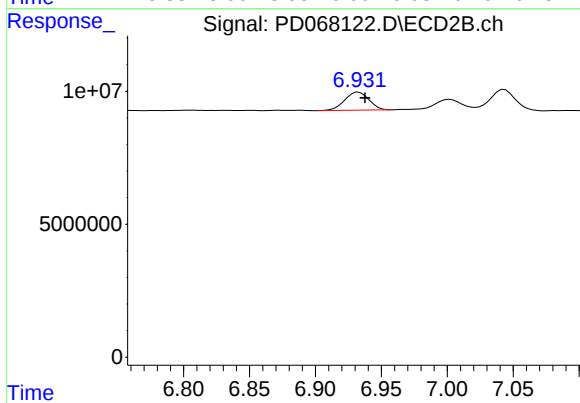
#13 Dieldrin

R.T.: 6.713 min  
Delta R.T.: -0.004 min  
Response: 12763063  
Conc: 1.37 ng/ml



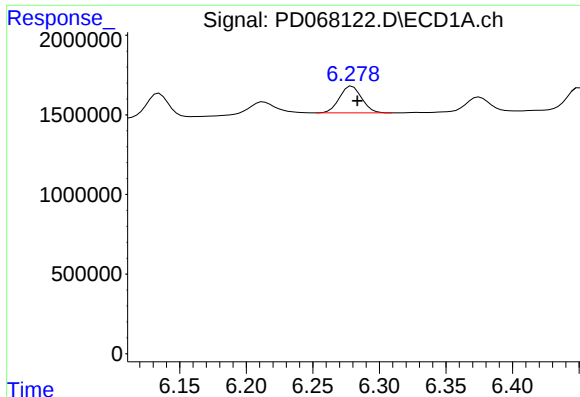
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.003 min  
Response: 1772435  
Conc: 1.28 ng/ml



#14 Endrin

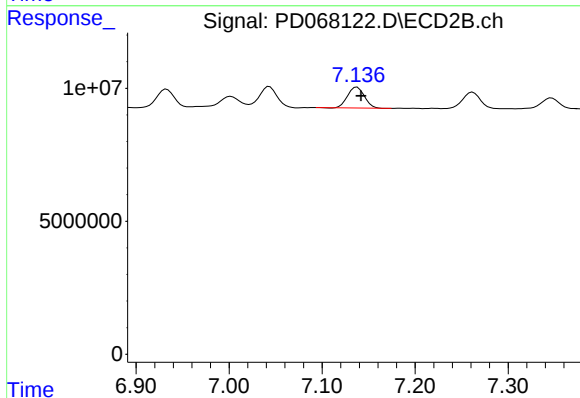
R.T.: 6.933 min  
Delta R.T.: -0.005 min  
Response: 8618902  
Conc: 1.31 ng/ml



#15 Endosulfan II

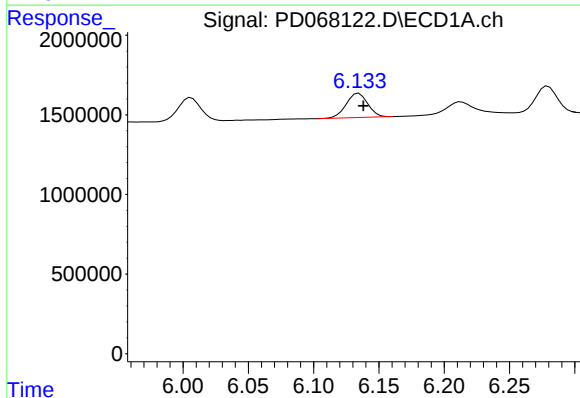
R.T.: 6.280 min  
Delta R.T.: -0.004 min  
Response: 1948690  
Conc: 1.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



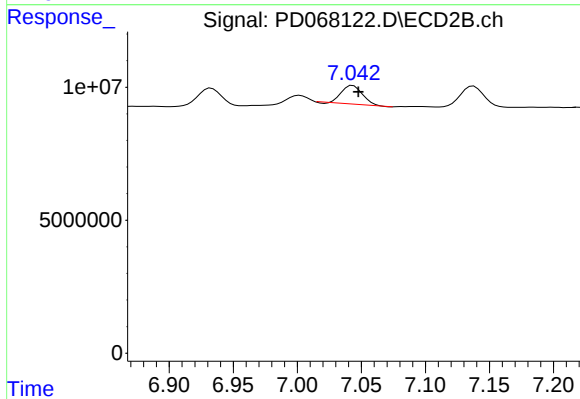
#15 Endosulfan II

R.T.: 7.138 min  
Delta R.T.: -0.005 min  
Response: 9858294  
Conc: 1.36 ng/ml



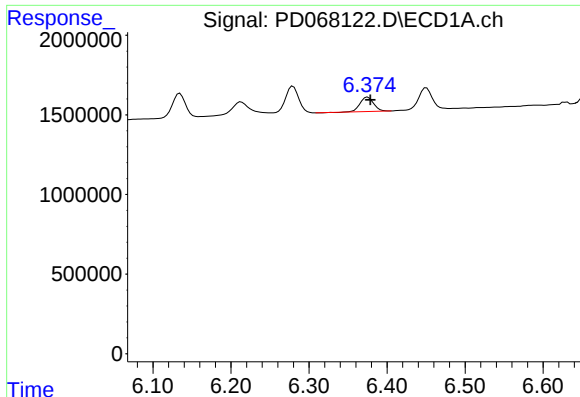
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: -0.003 min  
Response: 1752733  
Conc: 1.26 ng/ml



#16 4,4'-DDD

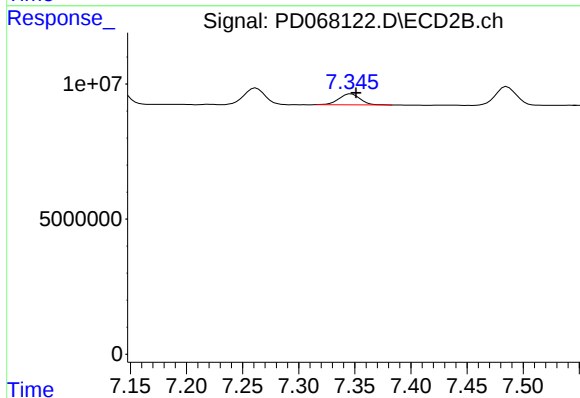
R.T.: 7.043 min  
Delta R.T.: -0.004 min  
Response: 7918022  
Conc: 1.16 ng/ml



#17 4,4'-DDT

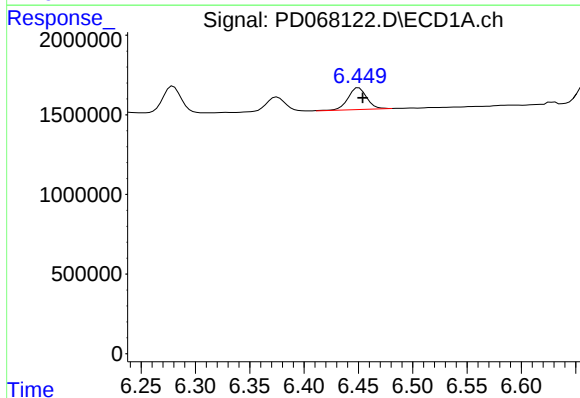
R.T.: 6.375 min  
Delta R.T.: -0.004 min  
Response: 1097134  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



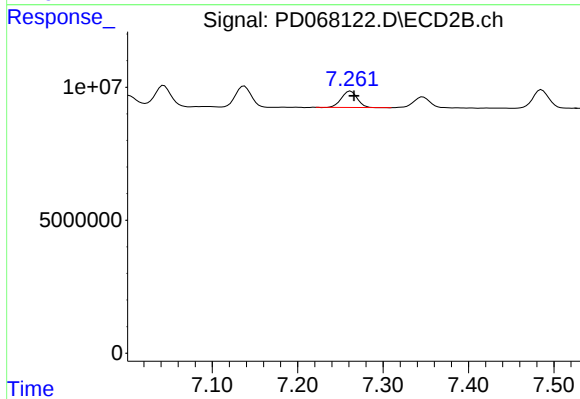
#17 4,4'-DDT

R.T.: 7.347 min  
Delta R.T.: -0.004 min  
Response: 5357423  
Conc: 1.07 ng/ml



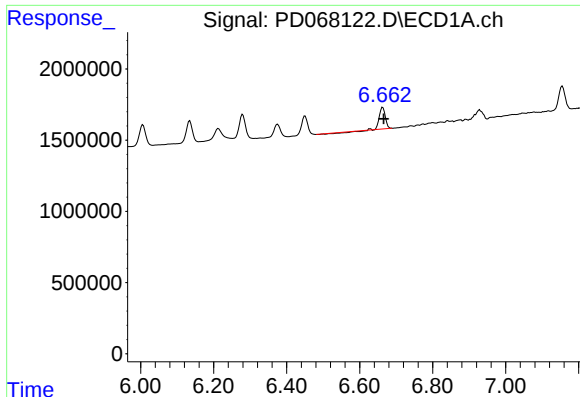
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: -0.003 min  
Response: 1659895  
Conc: 1.52 ng/ml



#18 Endrin aldehyde

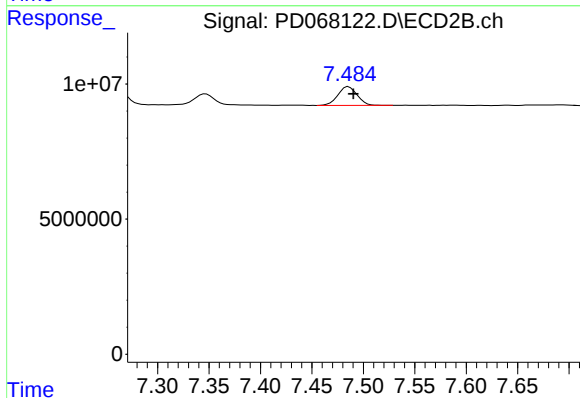
R.T.: 7.262 min  
Delta R.T.: -0.004 min  
Response: 7885216  
Conc: 1.50 ng/ml



#19 Endosulfan Sulfate

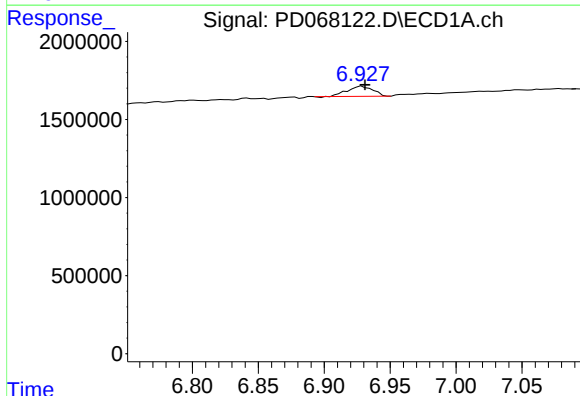
R.T.: 6.663 min  
Delta R.T.: -0.003 min  
Response: 1511486  
Conc: 1.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



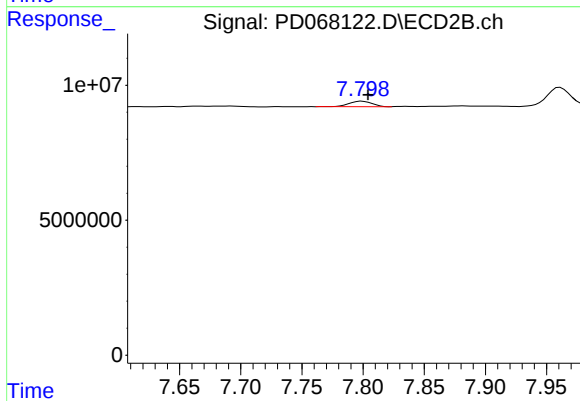
#19 Endosulfan Sulfate

R.T.: 7.486 min  
Delta R.T.: -0.005 min  
Response: 9074975  
Conc: 1.44 ng/ml



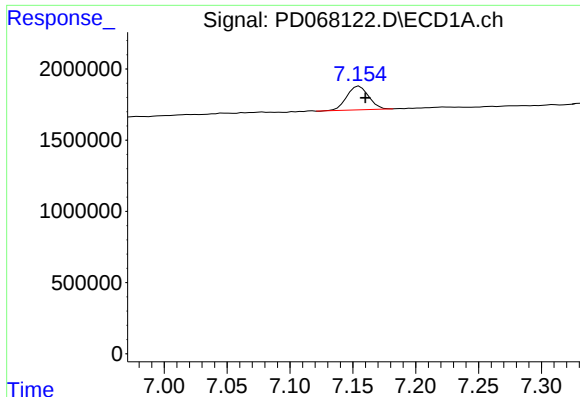
#20 Methoxychlor

R.T.: 6.929 min  
Delta R.T.: -0.002 min  
Response: 866451  
Conc: 1.35 ng/ml



#20 Methoxychlor

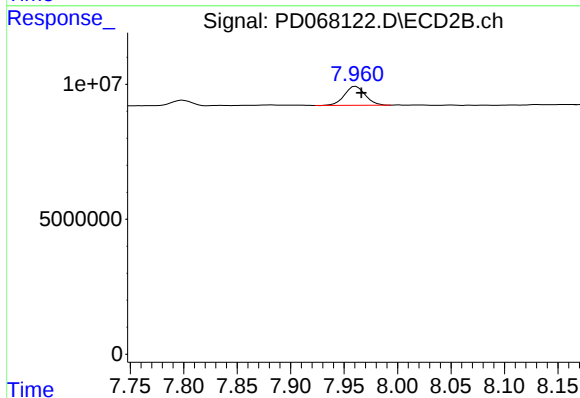
R.T.: 7.799 min  
Delta R.T.: -0.005 min  
Response: 2630624  
Conc: 1.18 ng/ml



#21 Endrin ketone

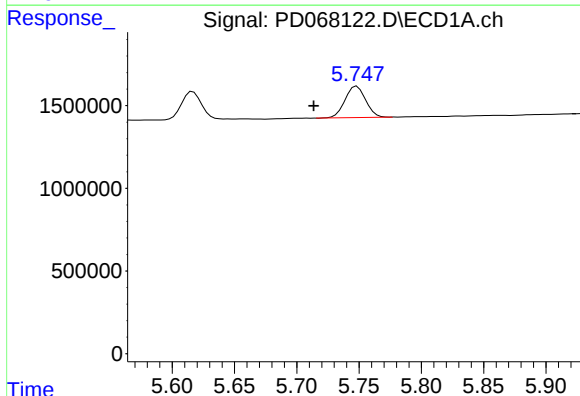
R.T.: 7.155 min  
Delta R.T.: -0.005 min  
Response: 2001643  
Conc: 1.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



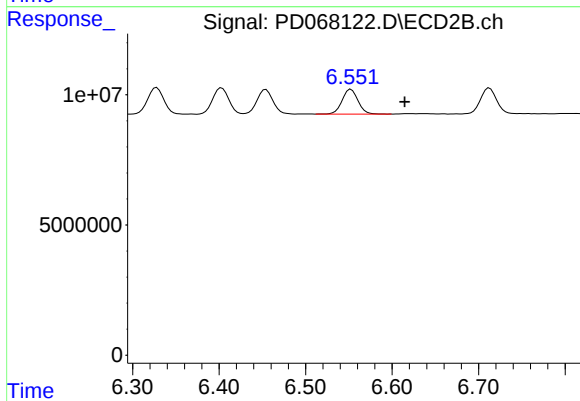
#21 Endrin ketone

R.T.: 7.961 min  
Delta R.T.: -0.005 min  
Response: 9488990  
Conc: 1.55 ng/ml



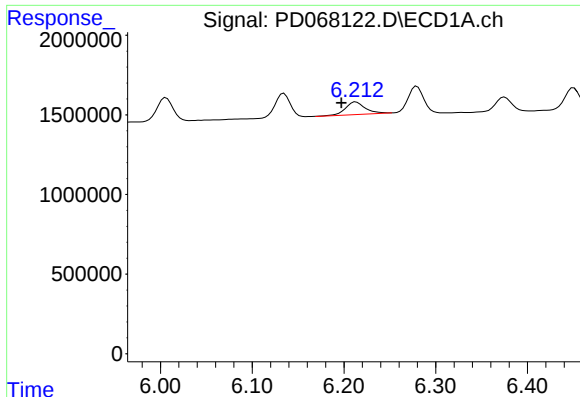
#22 Toxaphene-1

R.T.: 5.748 min  
Delta R.T.: 0.035 min  
Response: 2188322  
Conc: 191.24 ng/ml



#22 Toxaphene-1

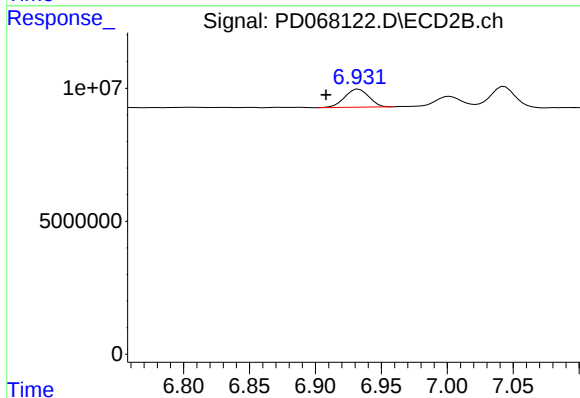
R.T.: 6.553 min  
Delta R.T.: -0.062 min  
Response: 12078971  
Conc: 323.97 ng/ml



#23 Toxaphene-2

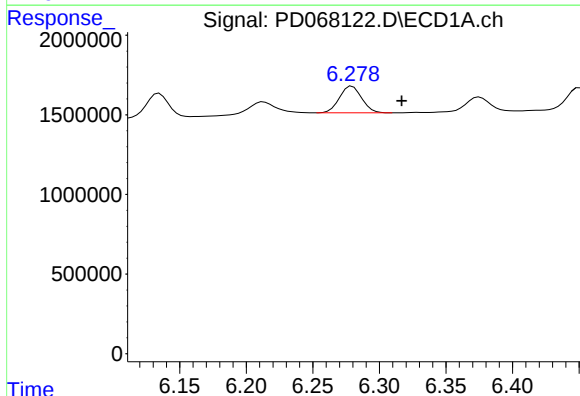
R.T.: 6.213 min  
Delta R.T.: 0.016 min  
Response: 1206460  
Conc: 102.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



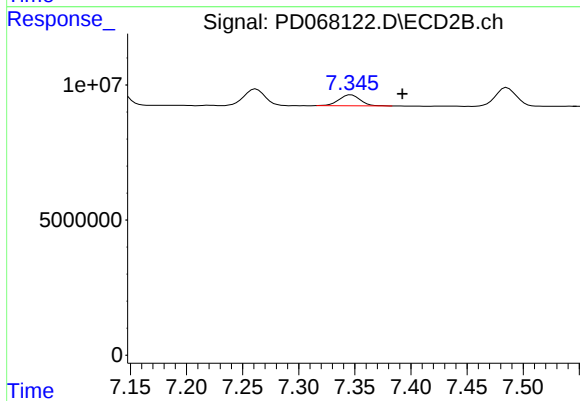
#23 Toxaphene-2

R.T.: 6.933 min  
Delta R.T.: 0.025 min  
Response: 8618902  
Conc: 176.60 ng/ml



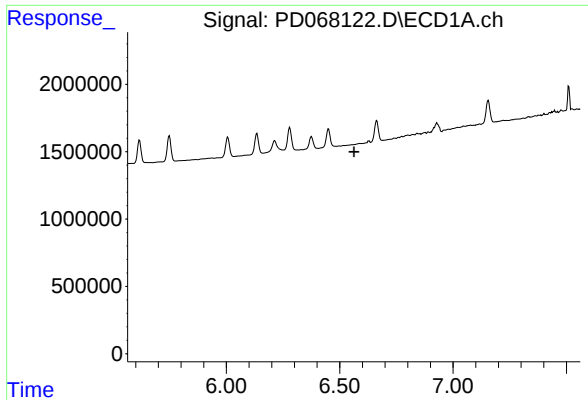
#24 Toxaphene-3

R.T.: 6.280 min  
Delta R.T.: -0.037 min  
Response: 1948690  
Conc: 67.74 ng/ml



#24 Toxaphene-3

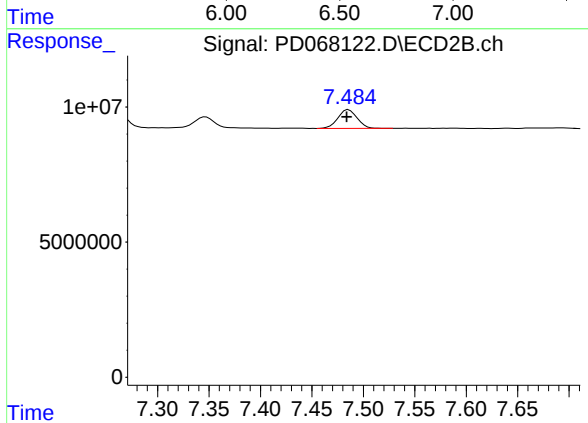
R.T.: 7.347 min  
Delta R.T.: -0.046 min  
Response: 5357423  
Conc: 31.19 ng/ml



#25 Toxaphene-4

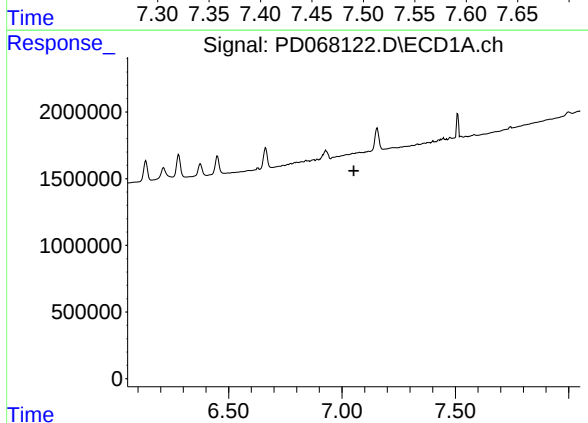
R.T.: 0.000 min  
Exp R.T.: 6.563 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



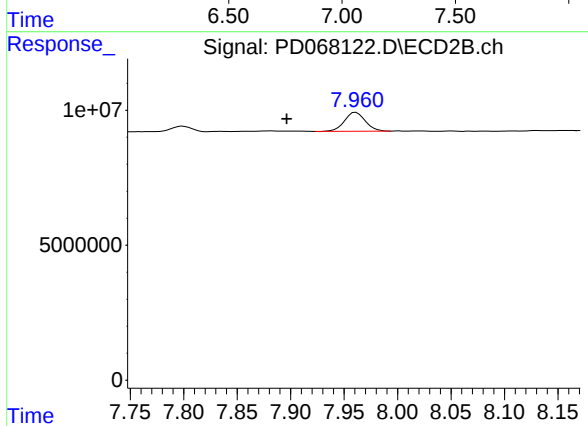
#25 Toxaphene-4

R.T.: 7.486 min  
Delta R.T.: 0.002 min  
Response: 9074975  
Conc: 92.42 ng/ml



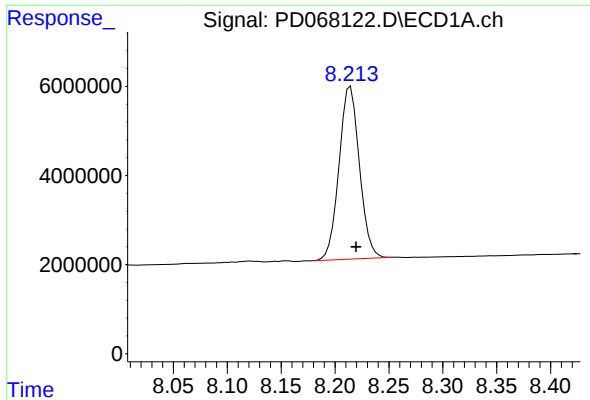
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T.: 7.052 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

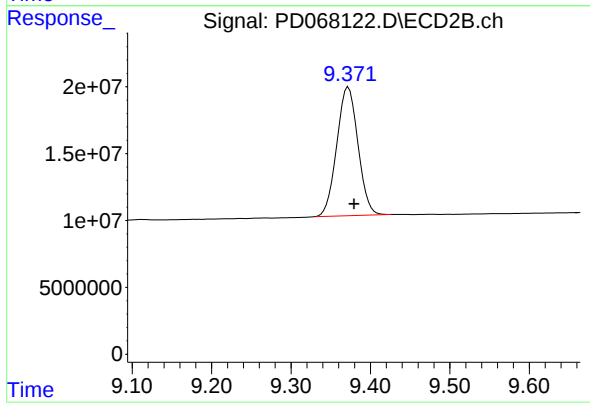
R.T.: 7.961 min  
Delta R.T.: 0.065 min  
Response: 9488990  
Conc: 144.30 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.214 min  
Delta R.T.: -0.005 min  
Response: 50973345  
Conc: 41.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.372 min  
Delta R.T.: -0.007 min  
Response: 178477991  
Conc: 39.37 ng/ml