

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022222\  
 Data File : PD068130.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 09:31  
 Operator : AR\AJ  
 Sample : RESCHK  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 17:44:57 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 22 13:16:10 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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  | 4.175  | 31183791 | 209.5E6 | 21.421  | 22.659   |
| 28)                         | SA Decachlor... | 8.215  | 9.369  | 29742403 | 109.2E6 | 20.755  | 21.945   |
| Target Compounds            |                 |        |        |          |         |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.594f | 0        | 314477  | N.D.    | 0.024 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.872  | 0        | 78854   | N.D.    | 0.007 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.384  | 0        | 554959  | N.D.    | 0.054 #  |
| 5)                          | MB Aldrin       | 4.722  | 5.702  | 680575   | 5668251 | 0.315   | 0.493 #  |
| 6)                          | B beta-BHC      | 0.000  | 5.026  | 0        | 231474  | N.D.    | 0.045 #  |
| 7)                          | B delta-BHC     | 4.653f | 5.228f | 109822   | 5424732 | 0.054   | 0.458 #  |
| 8)                          | B Heptachlo...  | 5.192f | 6.076  | 65576    | 848675  | 0.034   | 0.084 #  |
| 9)                          | A Endosulfan I  | 5.505  | 6.452  | 18559688 | 103.3E6 | 10.353  | 11.524   |
| 10)                         | B gamma-Chl...  | 5.392  | 6.326  | 20511101 | 113.5E6 | 10.313  | 11.566   |
| 11)                         | B alpha-Chl...  | 5.436f | 6.394  | 56256    | 610424  | 0.029   | 0.064 #  |
| 12)                         | B 4,4'-DDE      | 5.618  | 6.551  | 36692385 | 194.1E6 | 20.143  | 21.481   |
| 13)                         | MA Dieldrin     | 5.749  | 6.710  | 39842071 | 207.2E6 | 20.088  | 21.543   |
| 14)                         | MA Endrin       | 6.016  | 6.925  | 213729   | 251250  | 0.130   | 0.035 #  |
| 15)                         | B Endosulfa...  | 6.285  | 7.134  | 543529   | 3543823 | 0.323   | 0.464 #  |
| 16)                         | A 4,4'-DDD      | 6.140  | 0.000  | 322525   | 0       | 0.210   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.372  | 7.323f | 99150    | 416108  | 0.072   | 0.073    |
| 18)                         | B Endrin al...  | 6.450  | 7.239f | 693654   | 2257772 | 0.628   | 0.436 #  |
| 19)                         | B Endosulfa...  | 6.663  | 7.484  | 29142766 | 133.8E6 | 18.536  | 19.581   |
| 20)                         | A Methoxychlor  | 6.927  | 7.797  | 79075364 | 261.3E6 | 101.632 | 96.559   |
| 21)                         | B Endrin ke...  | 7.156  | 7.959  | 35073013 | 149.1E6 | 19.629  | 20.737   |
| 22)                         | Mirex           | 7.368f | 8.441f | 24764    | 1904844 | 0.017   | 0.380 #  |
| 23)                         | Chlordane-1     | 4.348f | 0.000  | 147228   | 0       | 2.426   | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 5.668  | 0        | 377124  | N.D.    | 0.915 #  |
| 25)                         | Chlordane-3     | 5.392  | 6.326  | 20511101 | 113.5E6 | 98.434  | 78.174   |
| 26)                         | Chlordane-4     | 5.436f | 6.394  | 56256    | 610424  | 0.320   | 0.366    |
| 27)                         | Chlordane-5     | 6.285  | 7.201  | 543529   | 3807667 | 8.233   | 14.163 # |
| -----                       |                 |        |        |          |         |         |          |

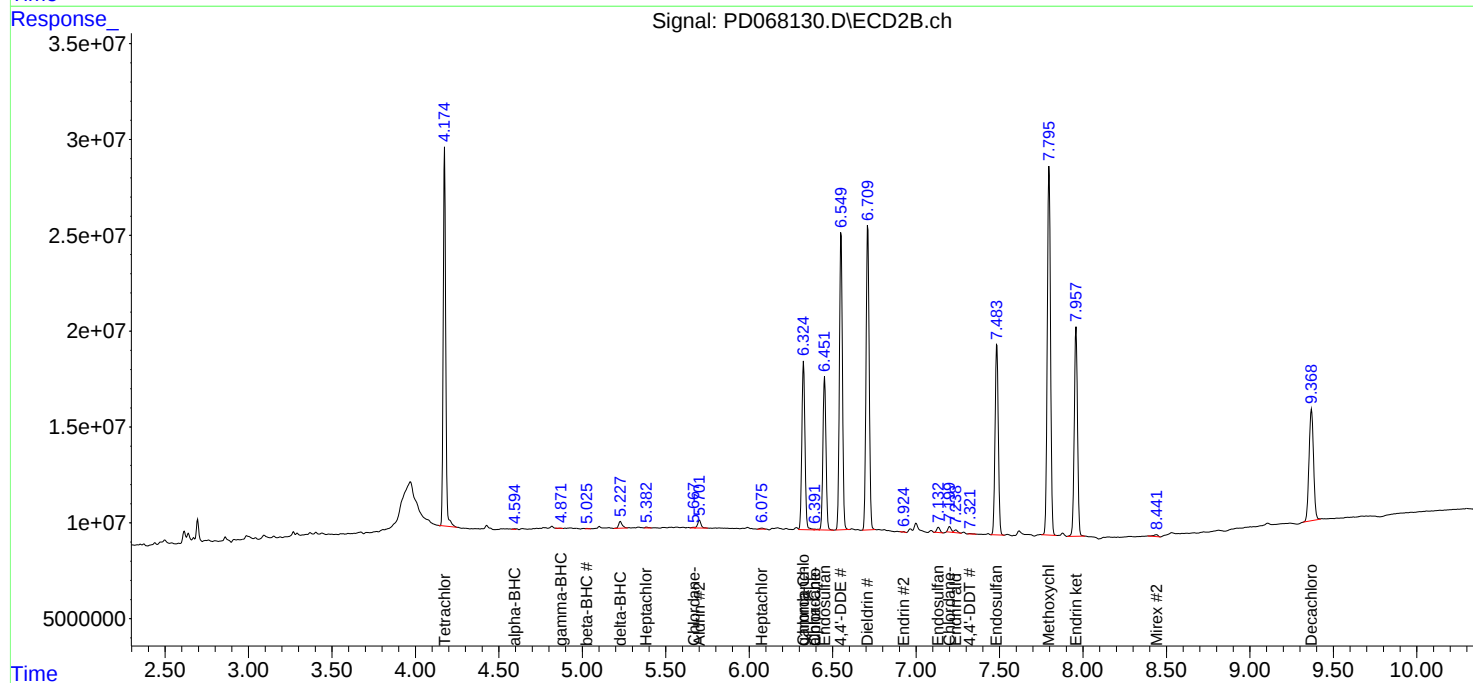
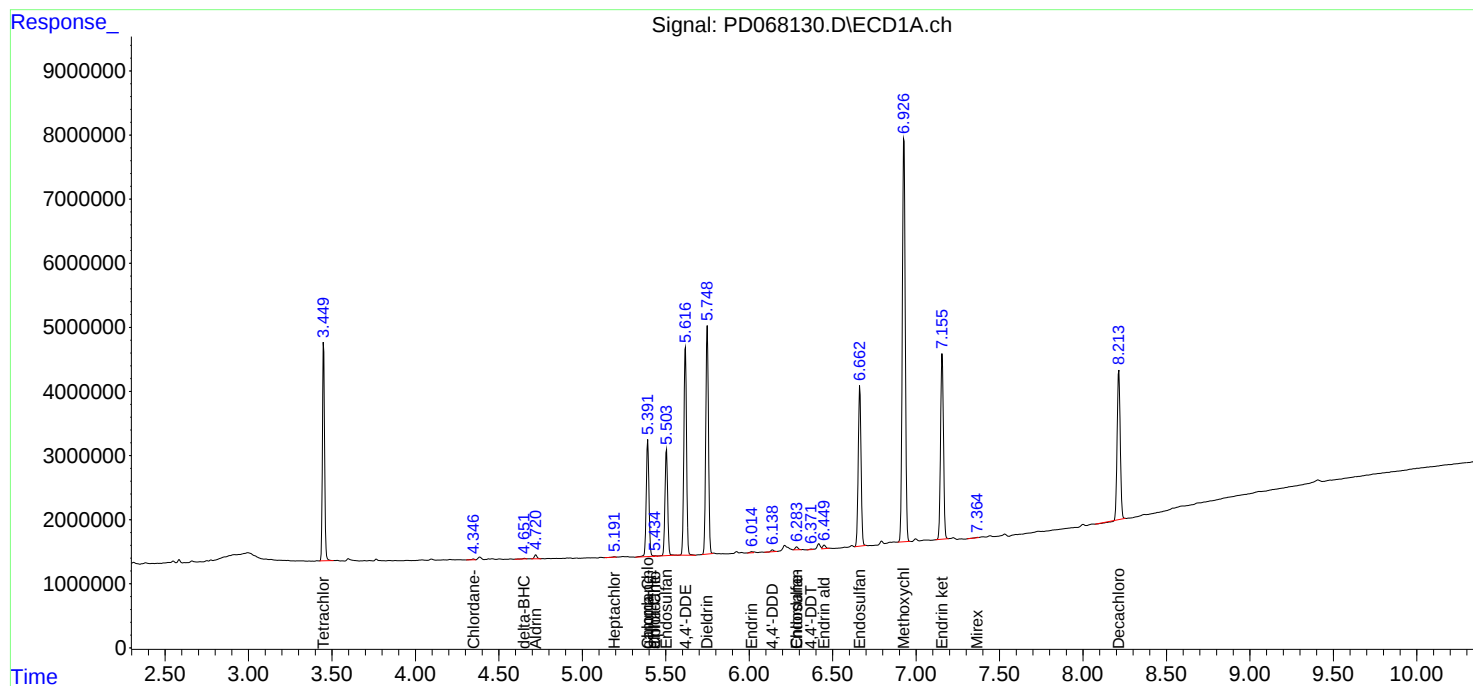
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

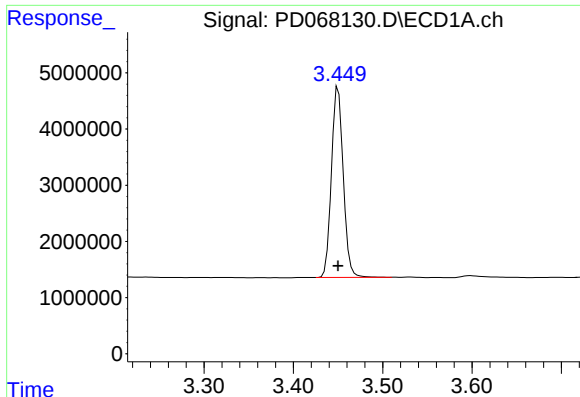
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022222\  
Data File : PD068130.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2022 09:31  
Operator : AR\AJ  
Sample : RESCHK  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 17:44:57 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022222.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 22 13:16:10 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

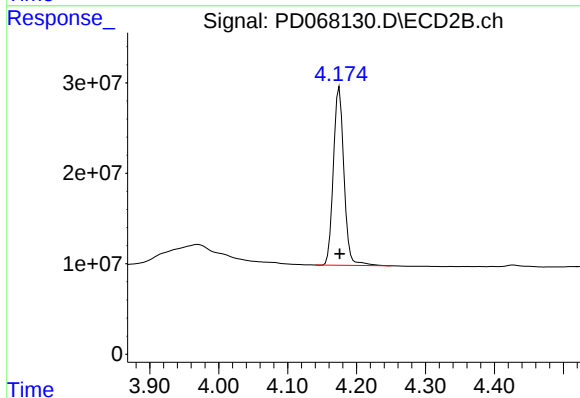




#1 Tetrachloro-m-xylene

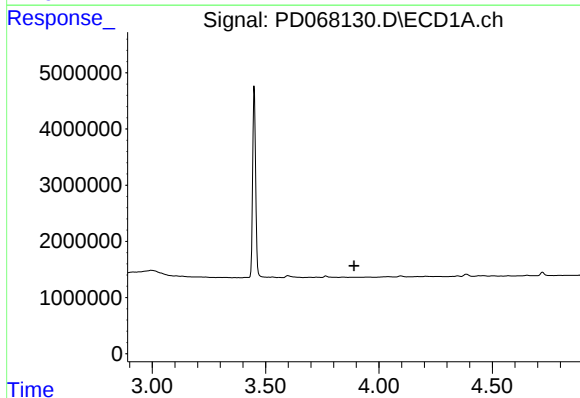
R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 31183791  
Conc: 21.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



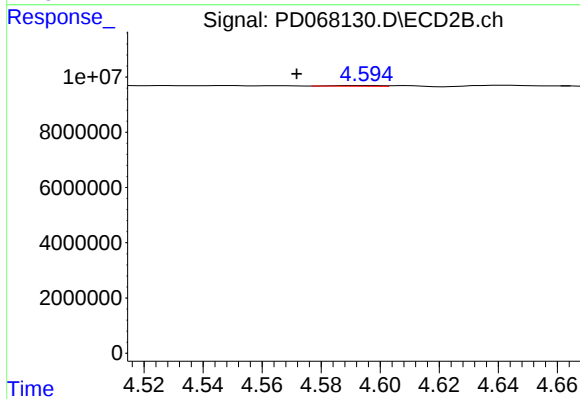
#1 Tetrachloro-m-xylene

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 209540740  
Conc: 22.66 ng/ml



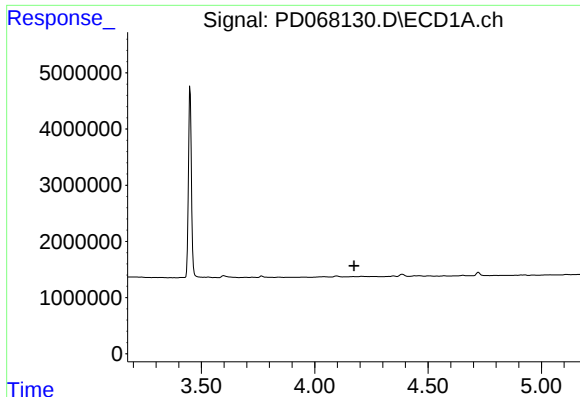
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.890 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

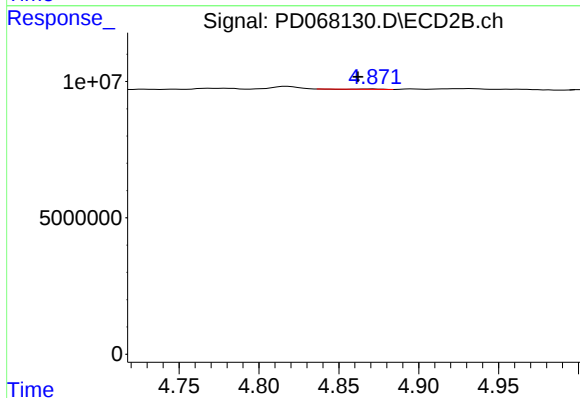
R.T.: 4.594 min  
Delta R.T.: 0.023 min  
Response: 314477  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

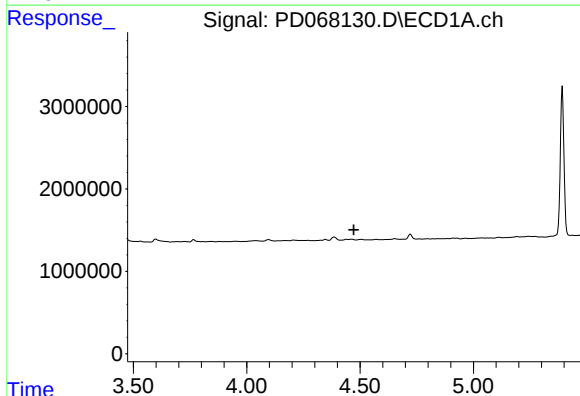
R.T.: 0.000 min  
Exp R.T.: 4.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



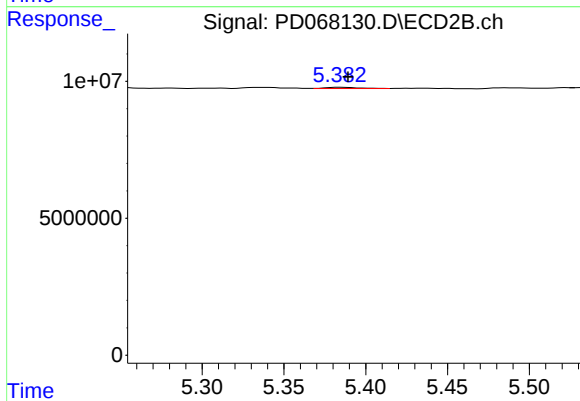
#3 gamma-BHC (Lindane)

R.T.: 4.872 min  
Delta R.T.: 0.010 min  
Response: 78854  
Conc: 0.01 ng/ml



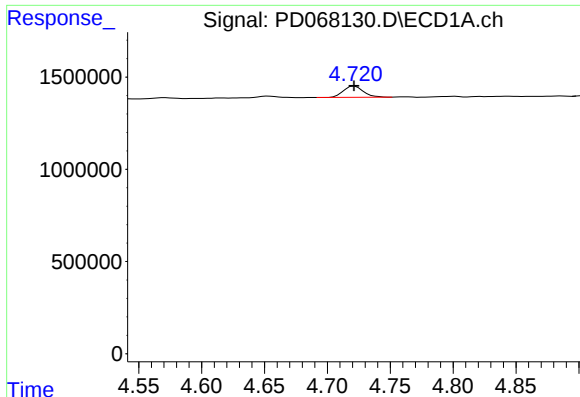
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.473 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

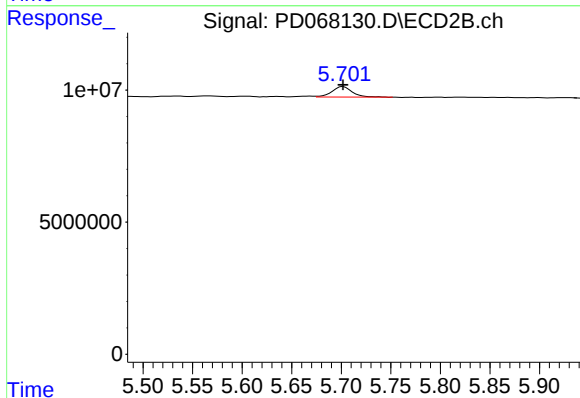
R.T.: 5.384 min  
Delta R.T.: -0.005 min  
Response: 554959  
Conc: 0.05 ng/ml



#5 Aldrin

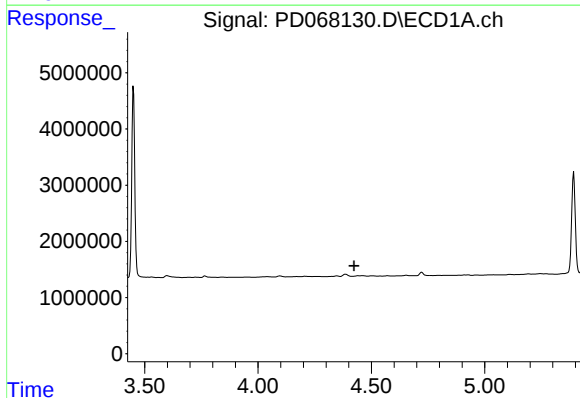
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 680575  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



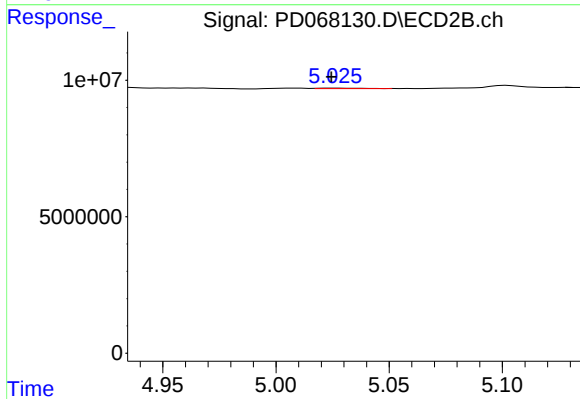
#5 Aldrin

R.T.: 5.702 min  
Delta R.T.: 0.000 min  
Response: 5668251  
Conc: 0.49 ng/ml



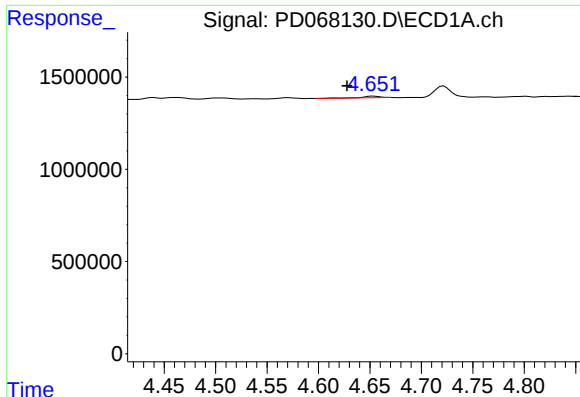
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.423 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

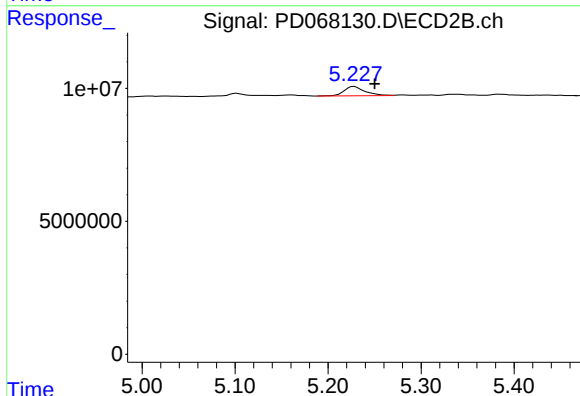
R.T.: 5.026 min  
Delta R.T.: 0.002 min  
Response: 231474  
Conc: 0.04 ng/ml



#7 delta-BHC

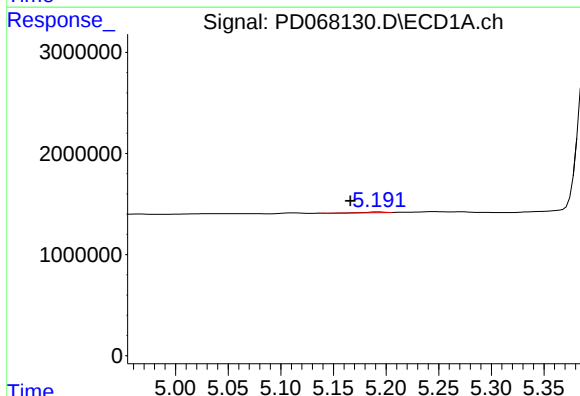
R.T.: 4.653 min  
Delta R.T.: 0.026 min  
Response: 109822  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



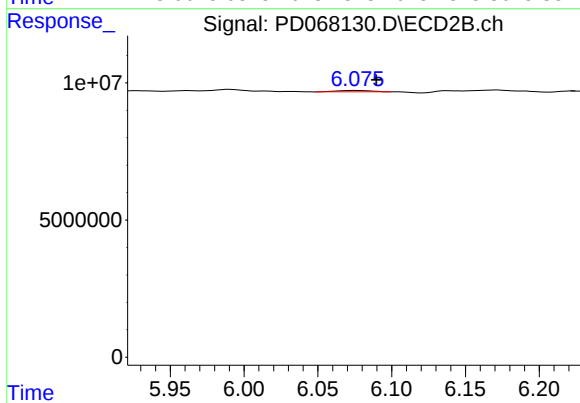
#7 delta-BHC

R.T.: 5.228 min  
Delta R.T.: -0.022 min  
Response: 5424732  
Conc: 0.46 ng/ml



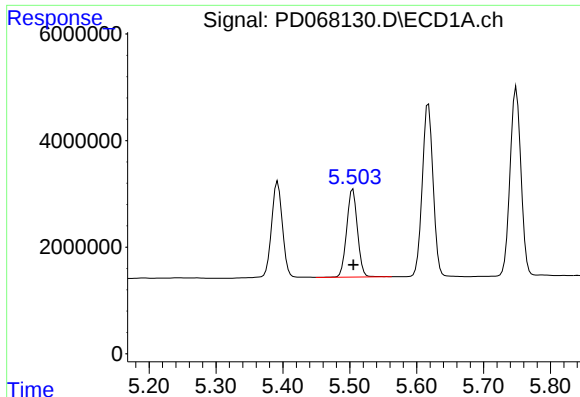
#8 Heptachlor epoxide

R.T.: 5.192 min  
Delta R.T.: 0.026 min  
Response: 65576  
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

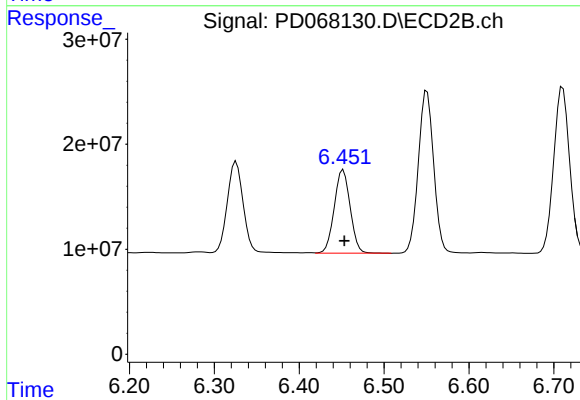
R.T.: 6.076 min  
Delta R.T.: -0.013 min  
Response: 848675  
Conc: 0.08 ng/ml



#9 Endosulfan I

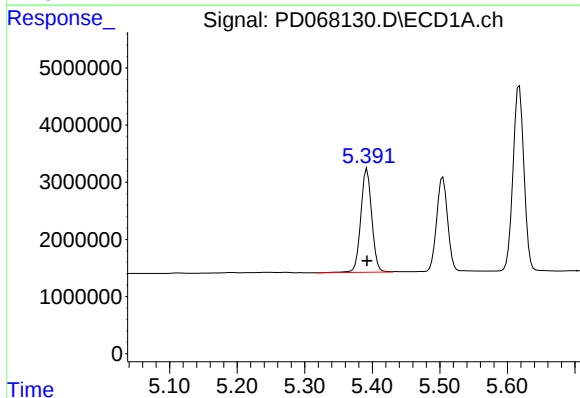
R.T.: 5.505 min  
Delta R.T.: 0.000 min  
Response: 18559688  
Conc: 10.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



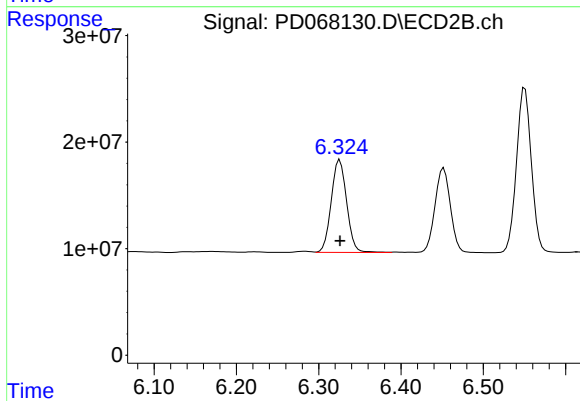
#9 Endosulfan I

R.T.: 6.452 min  
Delta R.T.: -0.001 min  
Response: 103322560  
Conc: 11.52 ng/ml



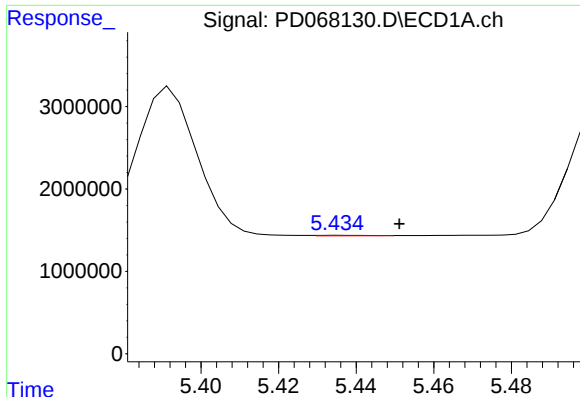
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 20511101  
Conc: 10.31 ng/ml



#10 gamma-Chlordane

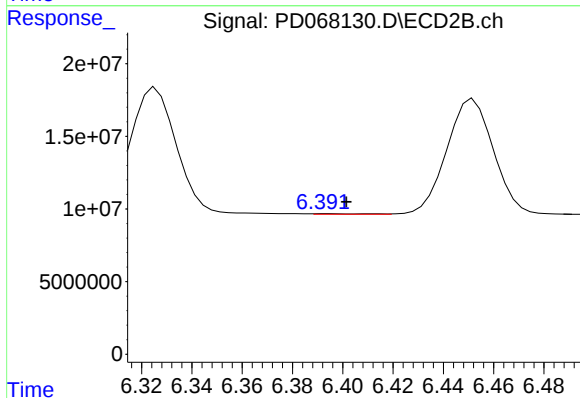
R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 113472267  
Conc: 11.57 ng/ml



#11 alpha-Chlordane

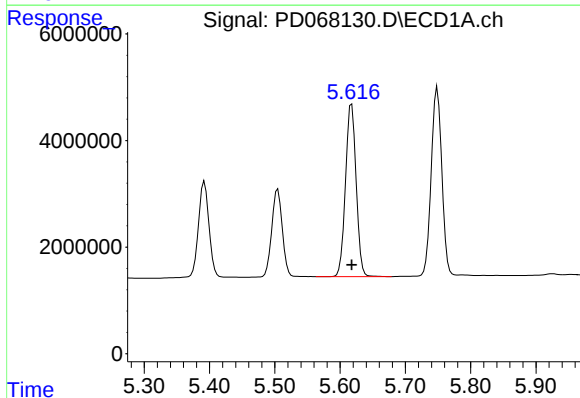
R.T.: 5.436 min  
Delta R.T.: -0.016 min  
Response: 56256  
Conc: 0.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



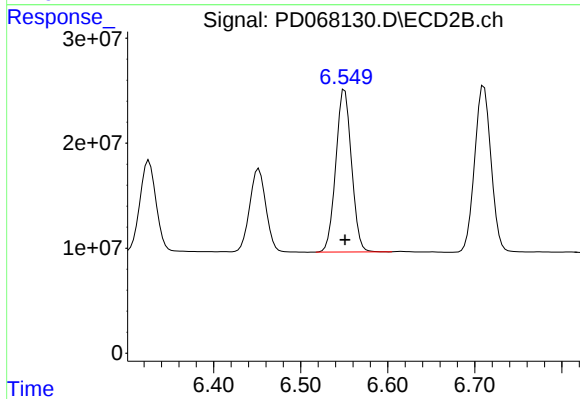
#11 alpha-Chlordane

R.T.: 6.394 min  
Delta R.T.: -0.008 min  
Response: 610424  
Conc: 0.06 ng/ml



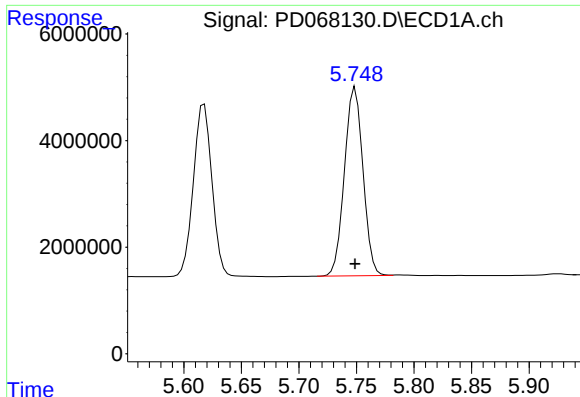
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 36692385  
Conc: 20.14 ng/ml



#12 4,4'-DDE

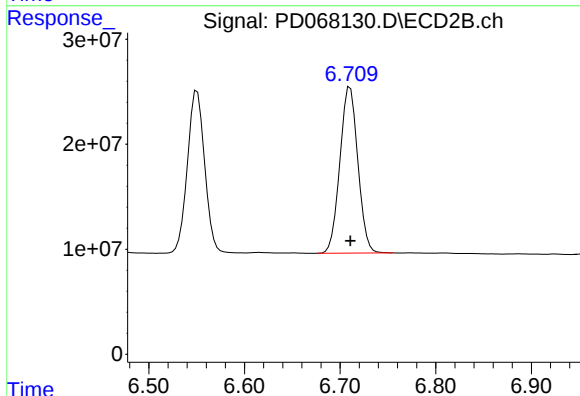
R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 194060572  
Conc: 21.48 ng/ml



#13 Dieldrin

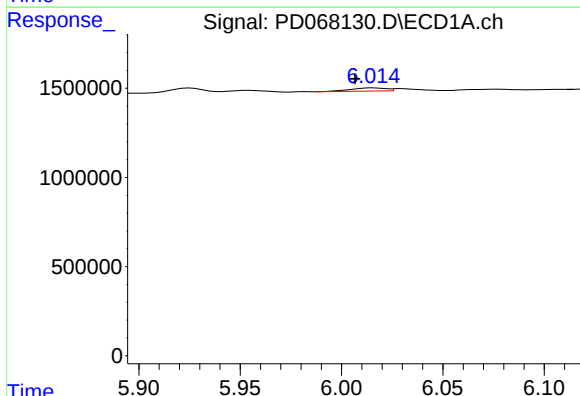
R.T.: 5.749 min  
Delta R.T.: 0.000 min  
Response: 39842071  
Conc: 20.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



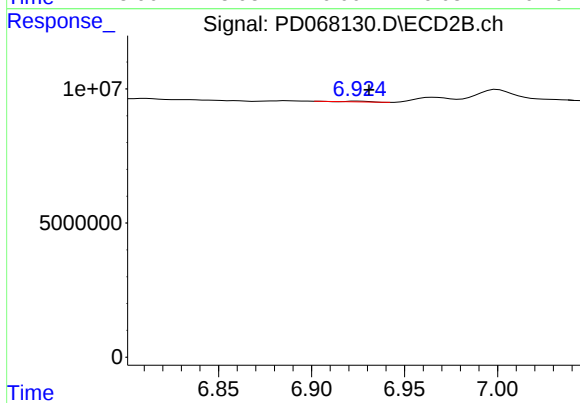
#13 Dieldrin

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 207180462  
Conc: 21.54 ng/ml



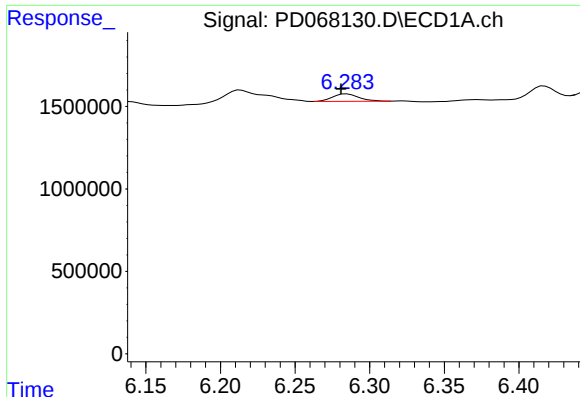
#14 Endrin

R.T.: 6.016 min  
Delta R.T.: 0.009 min  
Response: 213729  
Conc: 0.13 ng/ml



#14 Endrin

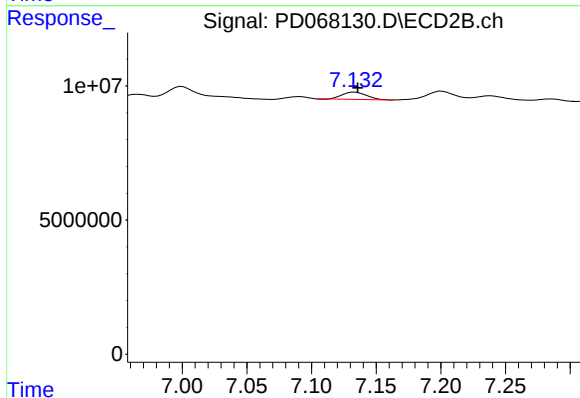
R.T.: 6.925 min  
Delta R.T.: -0.006 min  
Response: 251250  
Conc: 0.04 ng/ml



#15 Endosulfan II

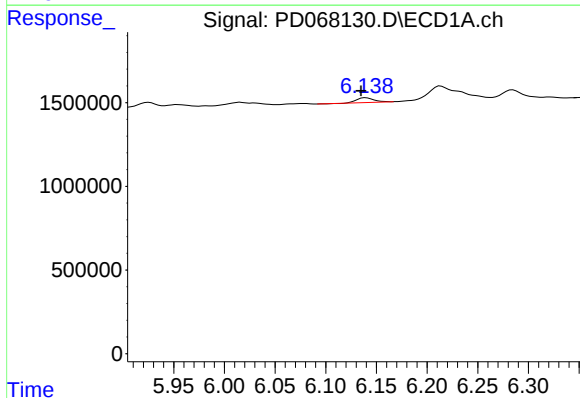
R.T.: 6.285 min  
Delta R.T.: 0.004 min  
Response: 543529  
Conc: 0.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



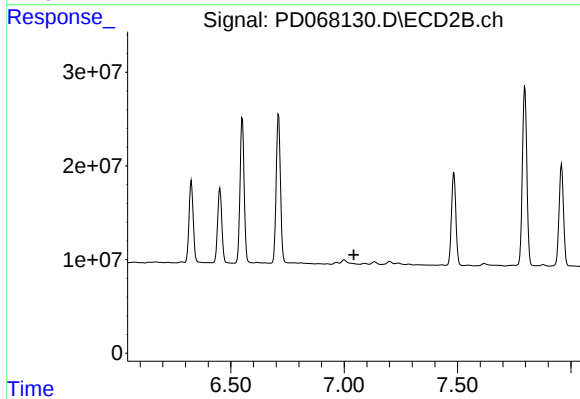
#15 Endosulfan II

R.T.: 7.134 min  
Delta R.T.: -0.002 min  
Response: 3543823  
Conc: 0.46 ng/ml



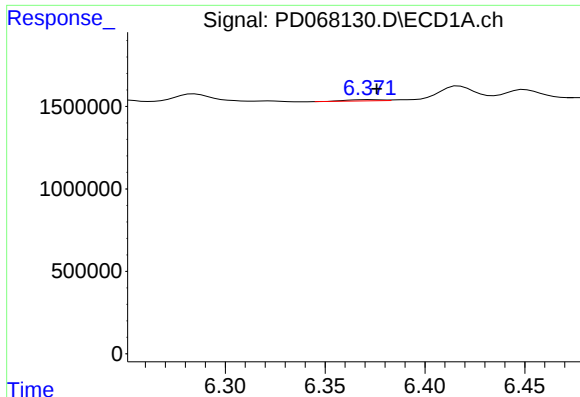
#16 4,4'-DDD

R.T.: 6.140 min  
Delta R.T.: 0.004 min  
Response: 322525  
Conc: 0.21 ng/ml



#16 4,4'-DDD

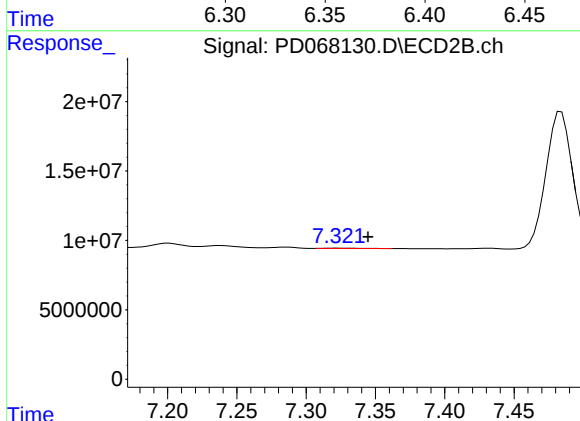
R.T.: 0.000 min  
Exp R.T. : 7.042 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

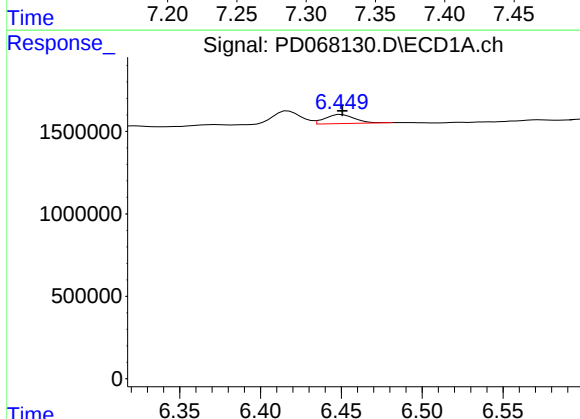
R.T.: 6.372 min  
Delta R.T.: -0.003 min  
Response: 99150  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



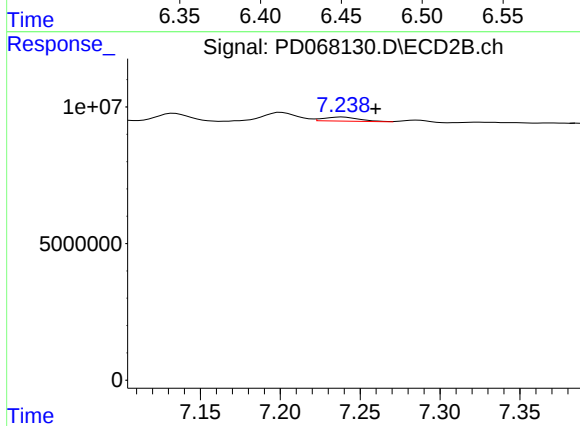
#17 4,4'-DDT

R.T.: 7.323 min  
Delta R.T.: -0.022 min  
Response: 416108  
Conc: 0.07 ng/ml



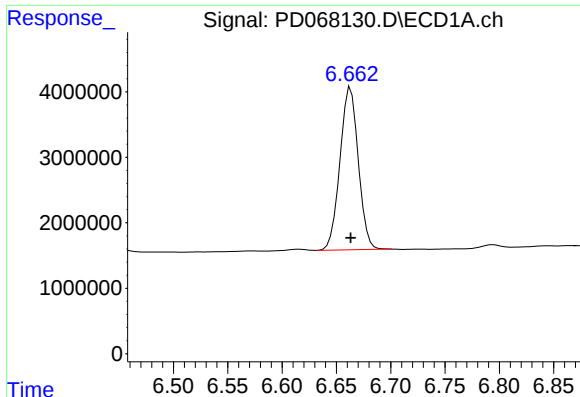
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 693654  
Conc: 0.63 ng/ml



#18 Endrin aldehyde

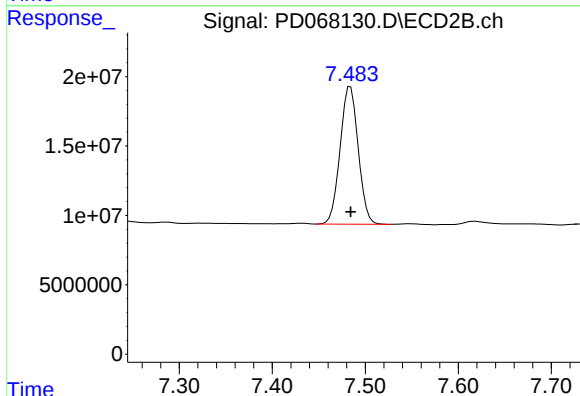
R.T.: 7.239 min  
Delta R.T.: -0.021 min  
Response: 2257772  
Conc: 0.44 ng/ml



#19 Endosulfan Sulfate

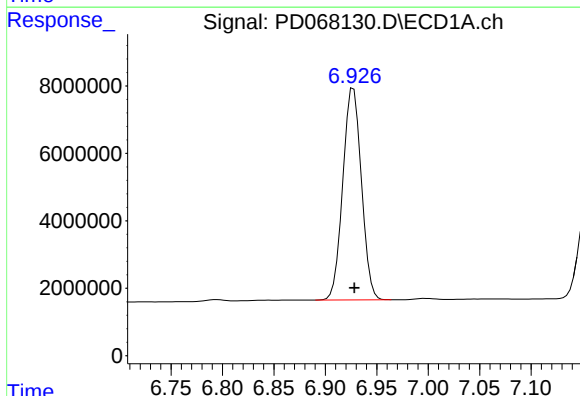
R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 29142766  
Conc: 18.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



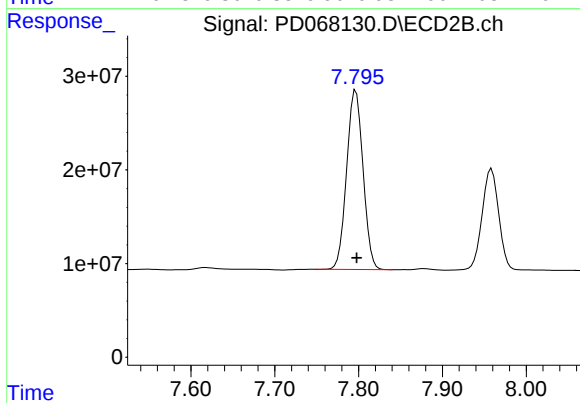
#19 Endosulfan Sulfate

R.T.: 7.484 min  
Delta R.T.: 0.000 min  
Response: 133802034  
Conc: 19.58 ng/ml



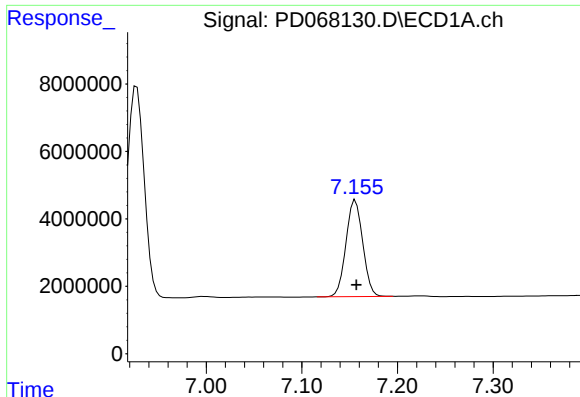
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 79075364  
Conc: 101.63 ng/ml



#20 Methoxychlor

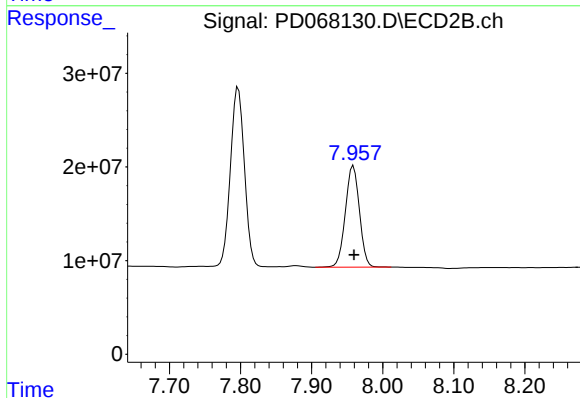
R.T.: 7.797 min  
Delta R.T.: 0.000 min  
Response: 261329048  
Conc: 96.56 ng/ml



#21 Endrin ketone

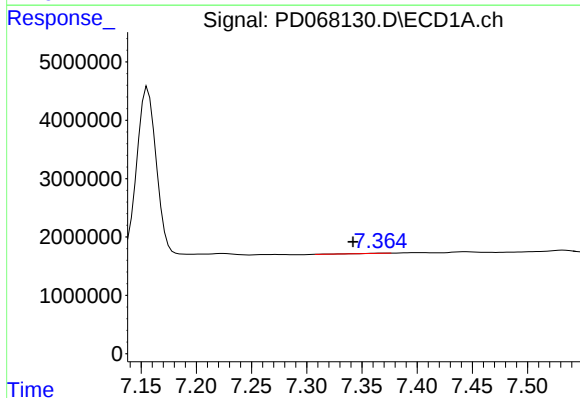
R.T.: 7.156 min  
Delta R.T.: 0.000 min  
Response: 35073013  
Conc: 19.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



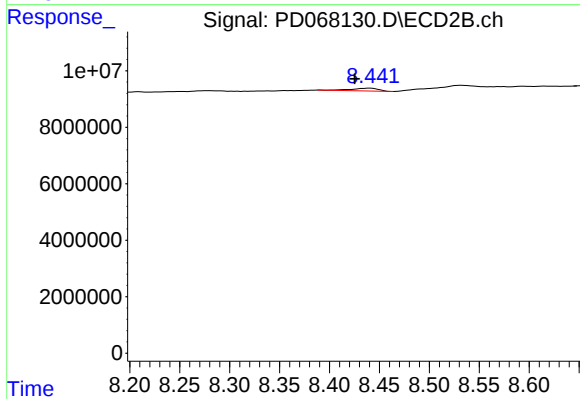
#21 Endrin ketone

R.T.: 7.959 min  
Delta R.T.: 0.000 min  
Response: 149054301  
Conc: 20.74 ng/ml



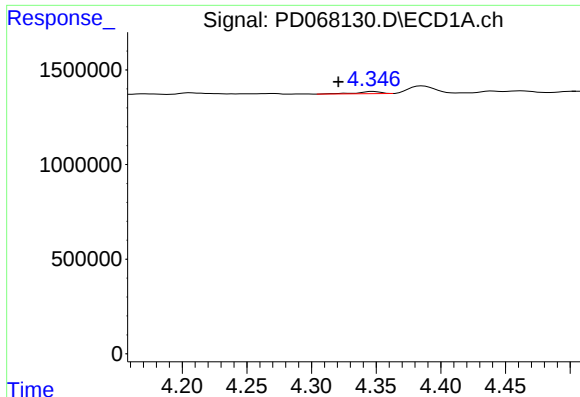
#22 Mirex

R.T.: 7.368 min  
Delta R.T.: 0.027 min  
Response: 24764  
Conc: 0.02 ng/ml



#22 Mirex

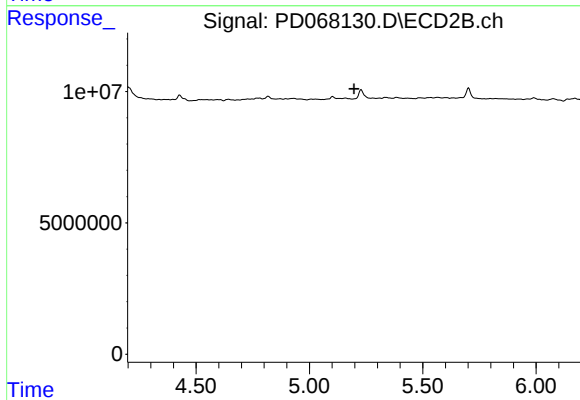
R.T.: 8.441 min  
Delta R.T.: 0.016 min  
Response: 1904844  
Conc: 0.38 ng/ml



#23 Chlordane-1

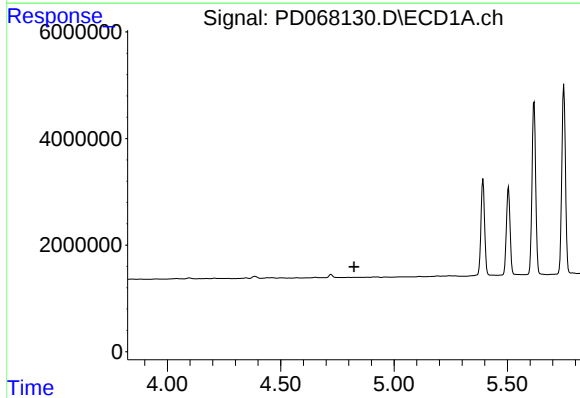
R.T.: 4.348 min  
Delta R.T.: 0.027 min  
Response: 147228  
Conc: 2.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



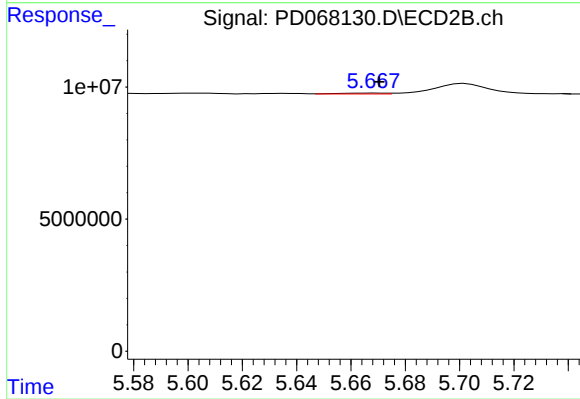
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.197 min  
Response: 0  
Conc: N.D.



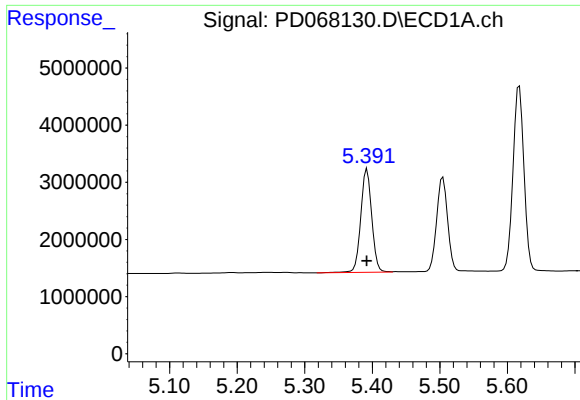
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.823 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

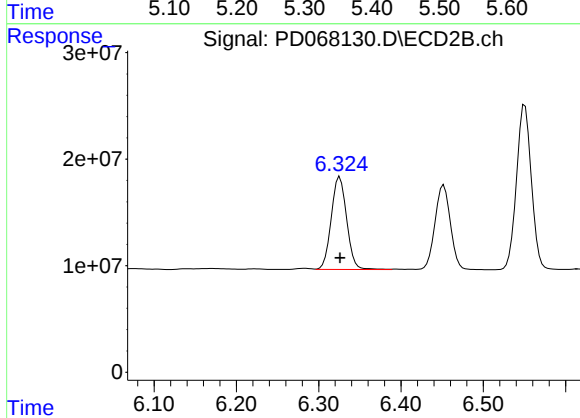
R.T.: 5.668 min  
Delta R.T.: -0.002 min  
Response: 377124  
Conc: 0.91 ng/ml



#25 Chlordane-3

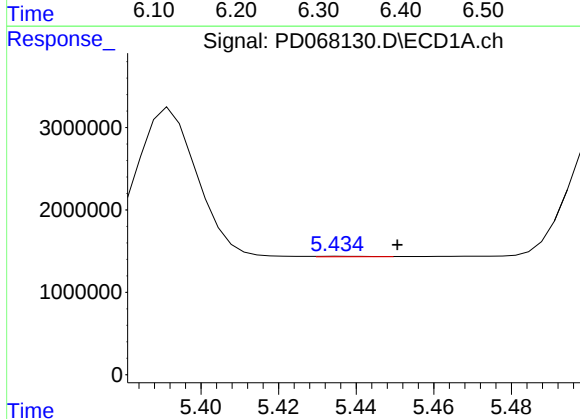
R.T.: 5.392 min  
Delta R.T.: 0.000 min  
Response: 20511101  
Conc: 98.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



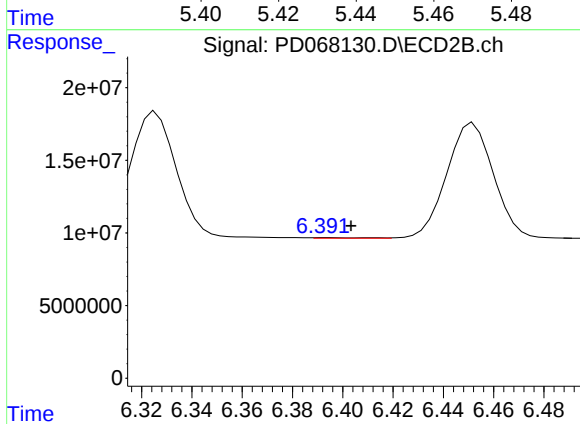
#25 Chlordane-3

R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 113472267  
Conc: 78.17 ng/ml



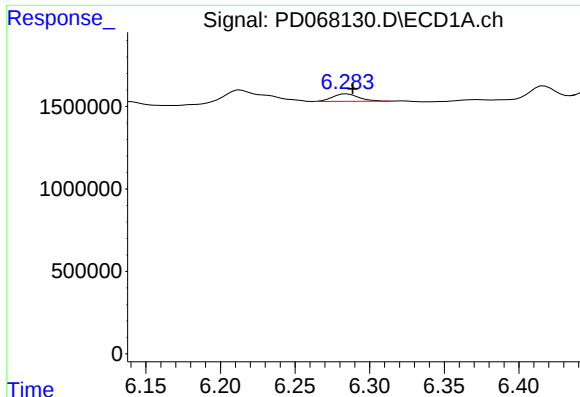
#26 Chlordane-4

R.T.: 5.436 min  
Delta R.T.: -0.015 min  
Response: 56256  
Conc: 0.32 ng/ml



#26 Chlordane-4

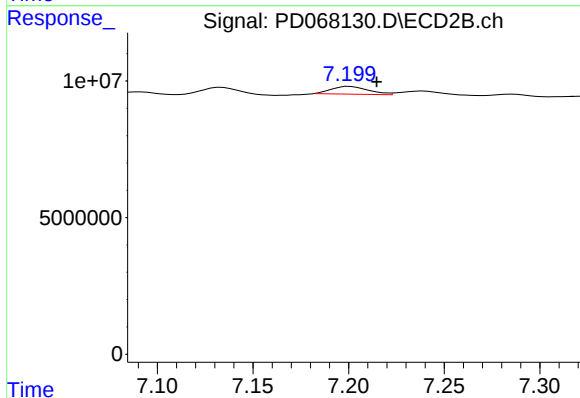
R.T.: 6.394 min  
Delta R.T.: -0.010 min  
Response: 610424  
Conc: 0.37 ng/ml



#27 Chlordane-5

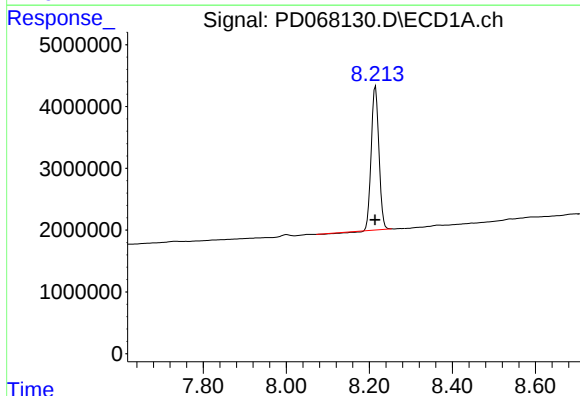
R.T.: 6.285 min  
Delta R.T.: -0.004 min  
Response: 543529  
Conc: 8.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



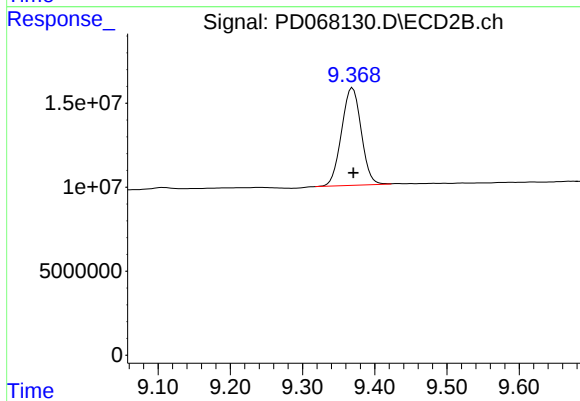
#27 Chlordane-5

R.T.: 7.201 min  
Delta R.T.: -0.014 min  
Response: 3807667  
Conc: 14.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.215 min  
Delta R.T.: 0.001 min  
Response: 29742403  
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.369 min  
Delta R.T.: 0.000 min  
Response: 109247438  
Conc: 21.95 ng/ml