

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111221\  
 Data File : PD066902.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2021 12:47  
 Operator : AR\AJ  
 Sample : M4419-03DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 01:05:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 16:50:52 2021  
 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

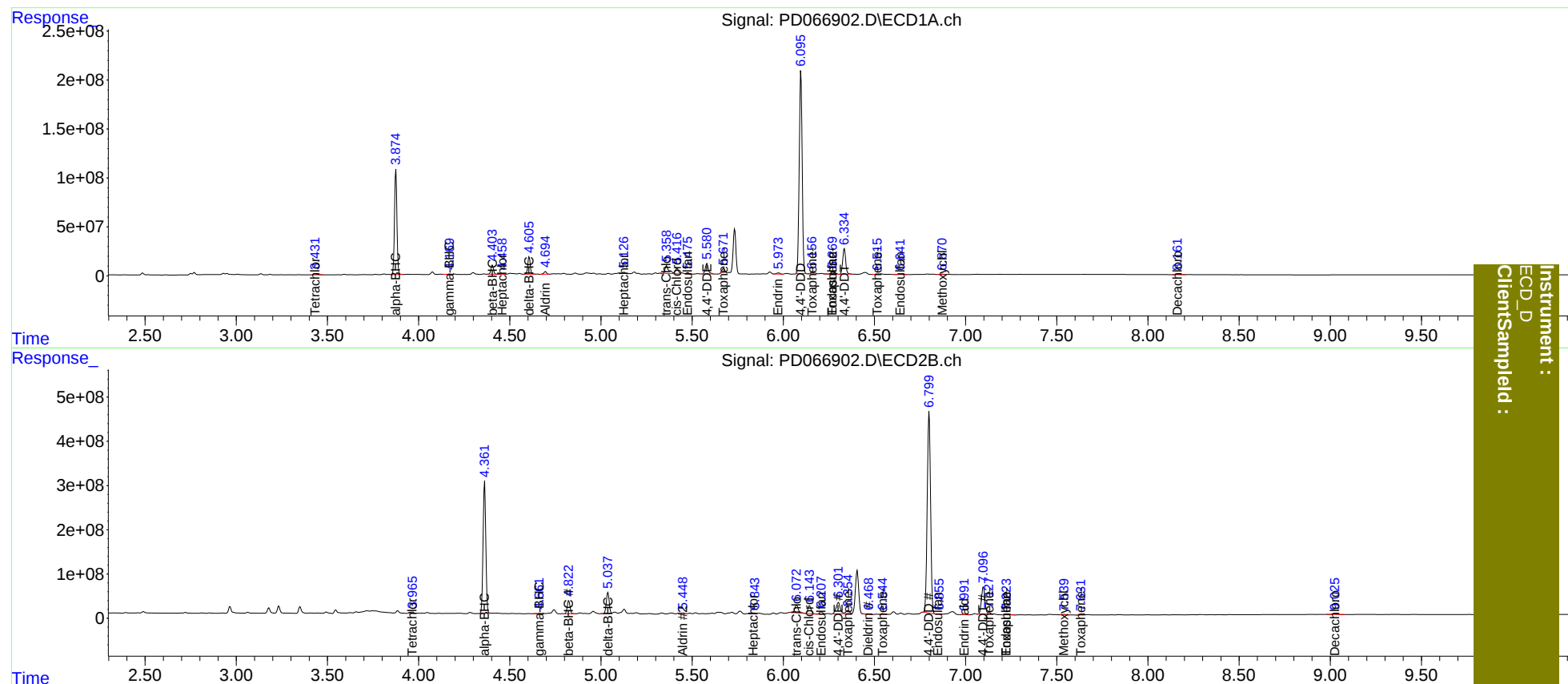
|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|-----------|
| -----                       |                 |       |        |          |          |          |           |
| System Monitoring Compounds |                 |       |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.432 | 3.967  | 18233626 | 42086816 | 9.432    | 4.860 #   |
| 27)                         | SA Decachlor... | 8.163 | 9.027  | 7495784  | 35947989 | 6.397    | 6.893     |
| Target Compounds            |                 |       |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.875 | 4.362  | 982.7E6  | 3094.0E6 | 335.725  | 282.965   |
| 3)                          | MA gamma-BHC... | 4.170 | 4.662  | 4637911  | 6785102  | 1.675    | 0.671 #   |
| 4)                          | MA Heptachlor   | 4.460 | 5.166  | 2122466  | -1956490 | 0.746    | N.D. #    |
| 5)                          | MB Aldrin       | 4.696 | 5.449  | 28287314 | 17021386 | 9.824    | 1.807 #   |
| 6)                          | B beta-BHC      | 4.404 | 4.824  | 90233053 | 318.7E6  | 71.839   | 64.691    |
| 7)                          | B delta-BHC     | 4.606 | 5.038  | 167.9E6  | 505.8E6  | 63.334   | 51.123    |
| 8)                          | B Heptachlo...  | 5.127 | 5.844  | 8278409  | 6156176  | 3.257    | 0.819 #   |
| 9)                          | A Endosulfan I  | 5.476 | 6.208  | 18496799 | 55375125 | 8.069    | 7.077     |
| 10)                         | B trans-Chl...  | 5.360 | 6.073  | 112.0E6  | 229.8E6  | 43.327   | 26.685 #  |
| 11)                         | B cis-Chlor...  | 5.418 | 6.144  | 66613592 | 220.2E6  | 26.148   | 25.660    |
| 12)                         | B 4,4'-DDE      | 5.582 | 6.303  | 125.1E6  | 402.5E6  | 54.775   | 52.852    |
| 14)                         | MA Endrin       | 5.974 | 6.685  | 14504902 | -5519712 | 6.856    | N.D. #    |
| 15)                         | B Endosulfa...  | 6.271 | 6.849f | 33064775 | 5287136  | 15.924   | 0.737 #   |
| 16)                         | A 4,4'-DDD      | 6.097 | 6.800  | 2299.8E6 | 5775.7E6 | 1270.557 | 894.641 # |
| 17)                         | MA 4,4'-DDT     | 6.335 | 7.097  | 294.5E6  | 788.4E6  | 155.763  | 119.347   |
| 19)                         | B Endosulfa...  | 6.642 | 7.224  | 2280411  | 16384580 | 1.250    | 2.378 #   |
| 20)                         | A Methoxychlor  | 6.872 | 7.540  | 4436558  | 10799303 | 4.734    | 3.342 #   |
| 22)                         | Toxaphene-1     | 5.673 | 6.355  | 35143680 | 92685385 | 2234.452 | 2292.931  |
| 23)                         | Toxaphene-2     | 6.158 | 6.545  | 7965500  | 21987120 | 495.429  | 332.893 # |
| 24)                         | Toxaphene-3     | 6.271 | 7.129  | 33064775 | 33994149 | 888.905  | 298.743 # |
| 25)                         | Toxaphene-4     | 6.516 | 7.224  | 748723   | 16384580 | 19.332   | 144.949 # |
| -----                       |                 |       |        |          |          |          |           |

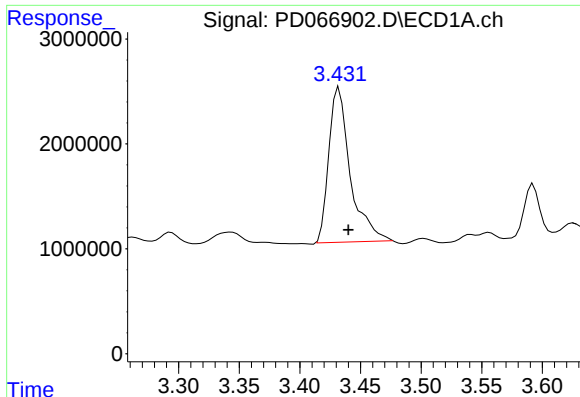
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111221\  
Data File : PD066902.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2021 12:47  
Operator : AR\AJ  
Sample : M4419-03DL 5X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 01:05:30 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 2021  
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

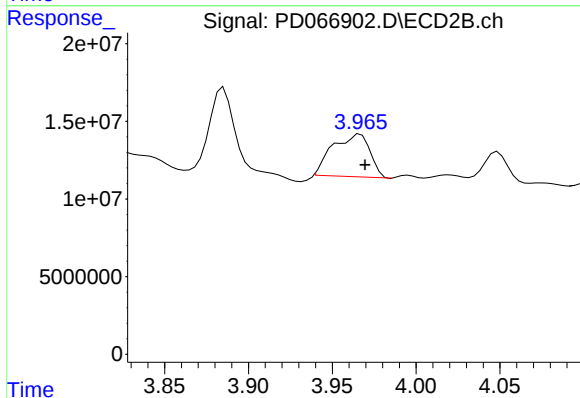




#1 Tetrachloro-m-xylene

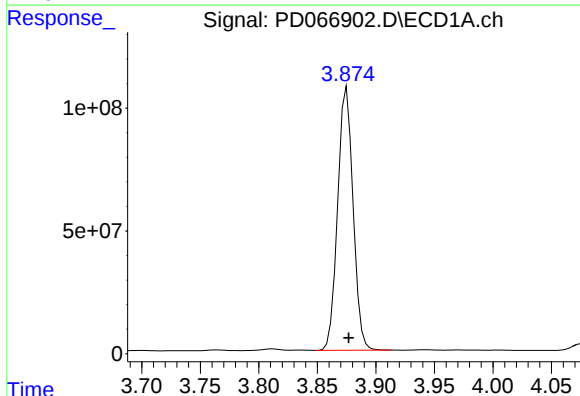
R.T.: 3.432 min  
Delta R.T.: -0.008 min  
Response: 18233626  
Conc: 9.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



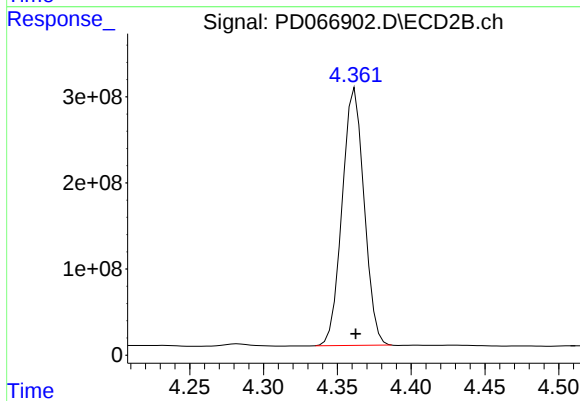
#1 Tetrachloro-m-xylene

R.T.: 3.967 min  
Delta R.T.: -0.003 min  
Response: 42086816  
Conc: 4.86 ng/ml



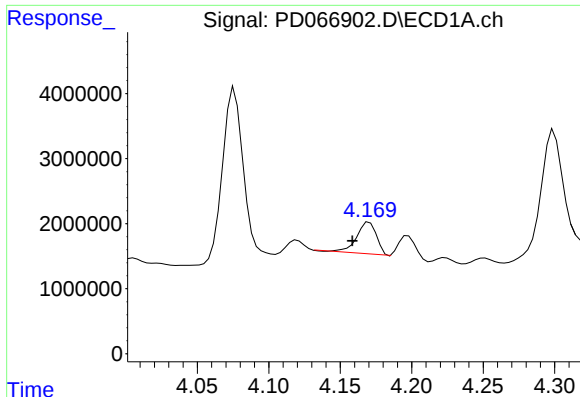
#2 alpha-BHC

R.T.: 3.875 min  
Delta R.T.: -0.001 min  
Response: 982683137  
Conc: 335.72 ng/ml



#2 alpha-BHC

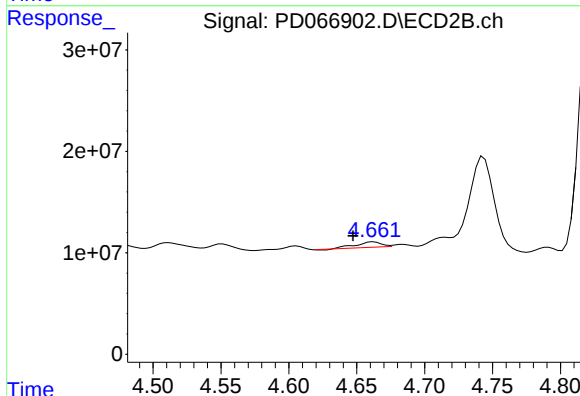
R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 3093978132  
Conc: 282.96 ng/ml



#3 gamma-BHC (Lindane)

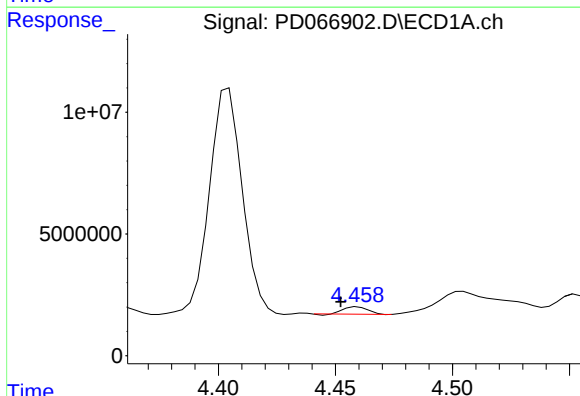
R.T.: 4.170 min  
Delta R.T.: 0.012 min  
Response: 4637911  
Conc: 1.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



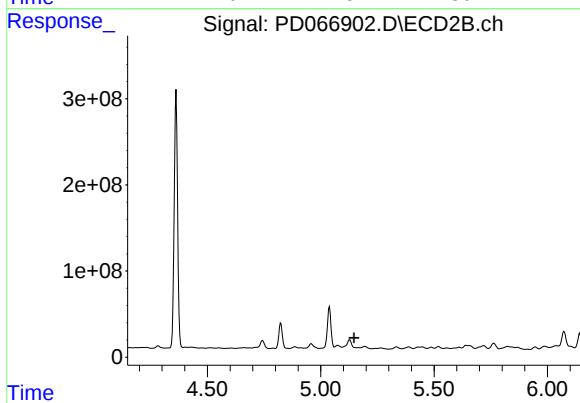
#3 gamma-BHC (Lindane)

R.T.: 4.662 min  
Delta R.T.: 0.015 min  
Response: 6785102  
Conc: 0.67 ng/ml



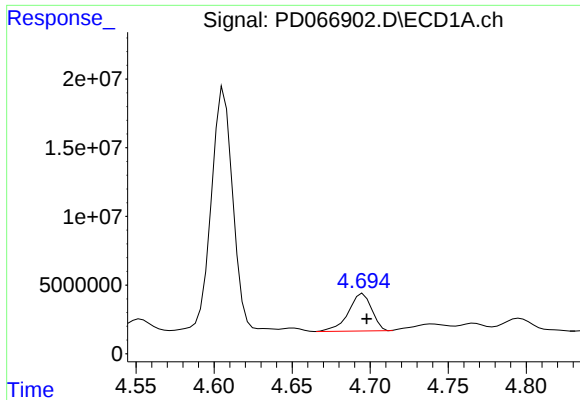
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: 0.008 min  
Response: 2122466  
Conc: 0.75 ng/ml



#4 Heptachlor

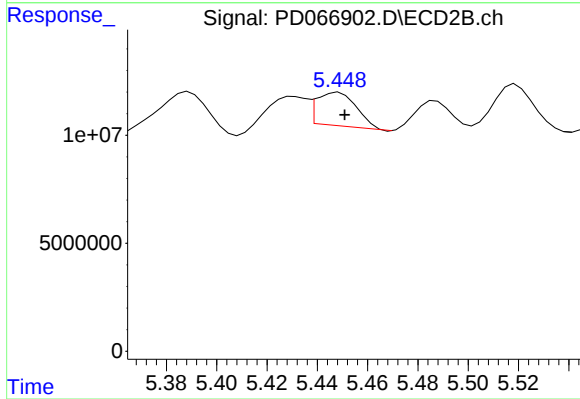
R.T.: 5.166 min  
Delta R.T.: 0.019 min  
Response: -1956490  
Conc: N.D.



#5 Aldrin

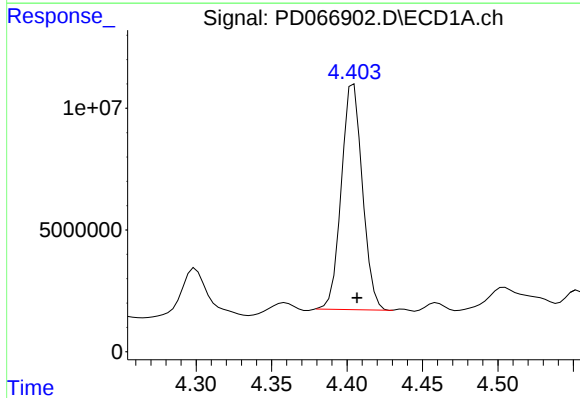
R.T.: 4.696 min  
Delta R.T.: -0.002 min  
Response: 28287314  
Conc: 9.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



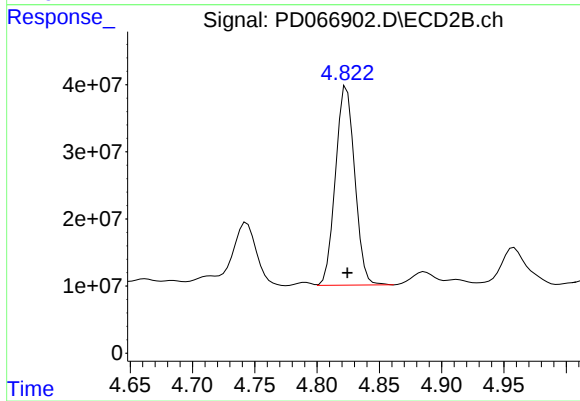
#5 Aldrin

R.T.: 5.449 min  
Delta R.T.: -0.002 min  
Response: 17021386  
Conc: 1.81 ng/ml



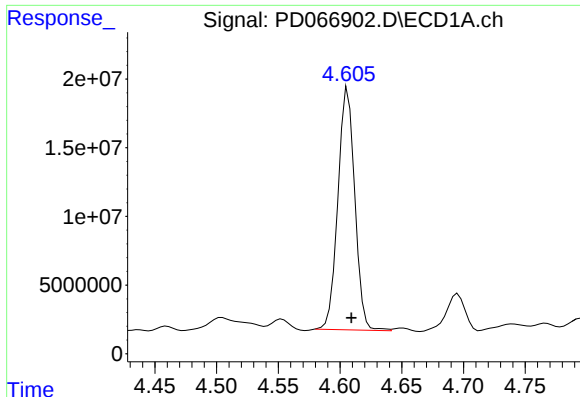
#6 beta-BHC

R.T.: 4.404 min  
Delta R.T.: -0.002 min  
Response: 90233053  
Conc: 71.84 ng/ml



#6 beta-BHC

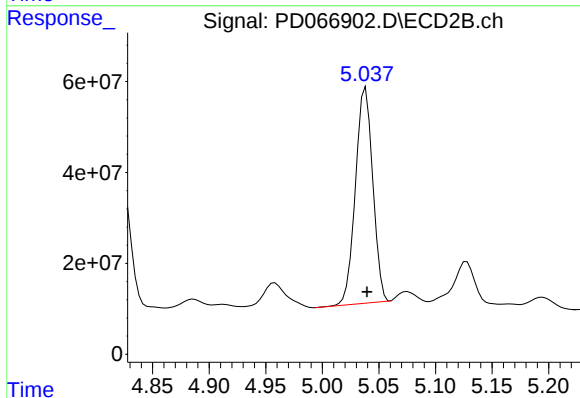
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 318749475  
Conc: 64.69 ng/ml



#7 delta-BHC

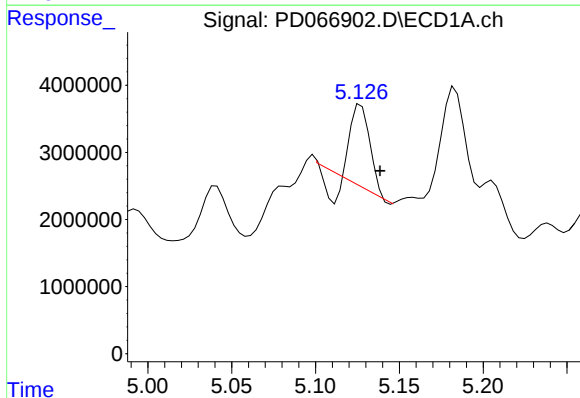
R.T.: 4.606 min  
Delta R.T.: -0.003 min  
Response: 167870632  
Conc: 63.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



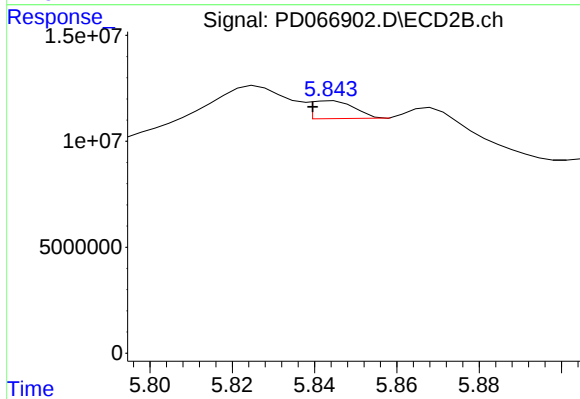
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.001 min  
Response: 505761935  
Conc: 51.12 ng/ml



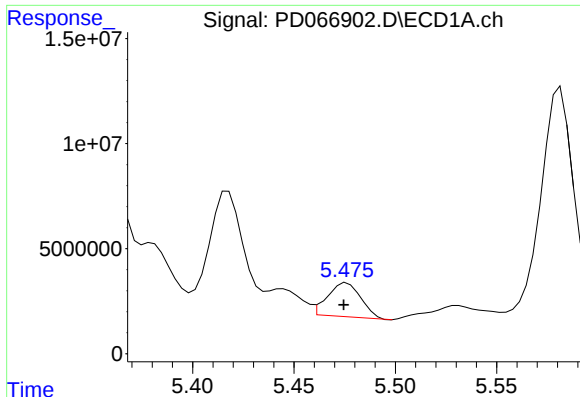
#8 Heptachlor epoxide

R.T.: 5.127 min  
Delta R.T.: -0.011 min  
Response: 8278409  
Conc: 3.26 ng/ml



#8 Heptachlor epoxide

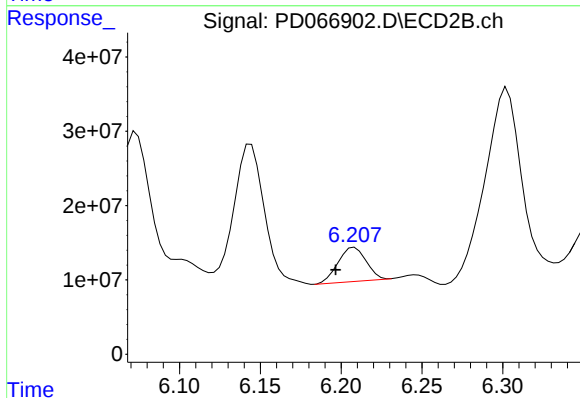
R.T.: 5.844 min  
Delta R.T.: 0.005 min  
Response: 6156176  
Conc: 0.82 ng/ml



#9 Endosulfan I

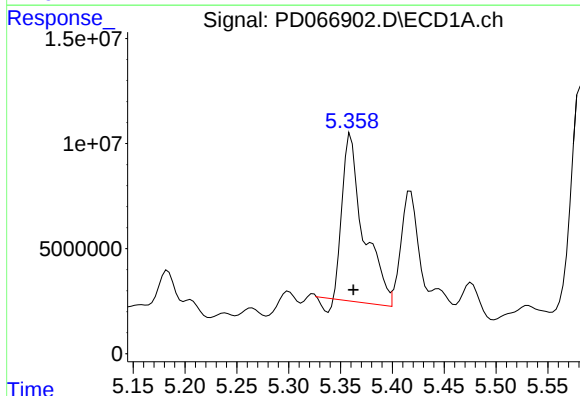
R.T.: 5.476 min  
Delta R.T.: 0.002 min  
Response: 18496799  
Conc: 8.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



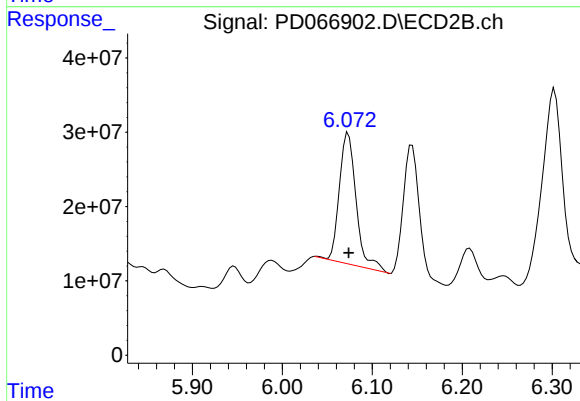
#9 Endosulfan I

R.T.: 6.208 min  
Delta R.T.: 0.012 min  
Response: 55375125  
Conc: 7.08 ng/ml



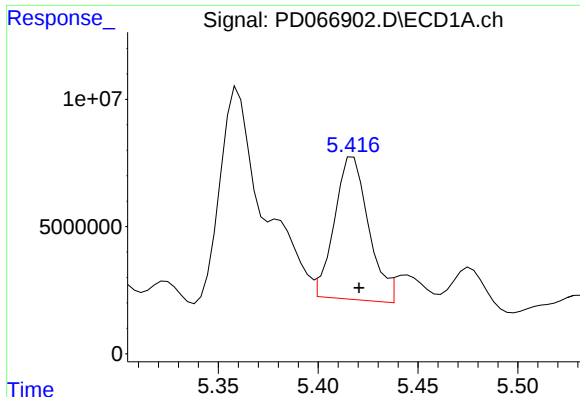
#10 trans-Chlordane

R.T.: 5.360 min  
Delta R.T.: -0.003 min  
Response: 111987167  
Conc: 43.33 ng/ml



#10 trans-Chlordane

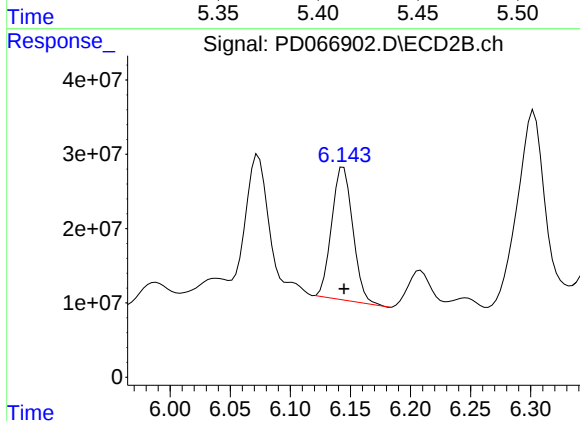
R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 229791953  
Conc: 26.68 ng/ml



#11 cis-Chlordane

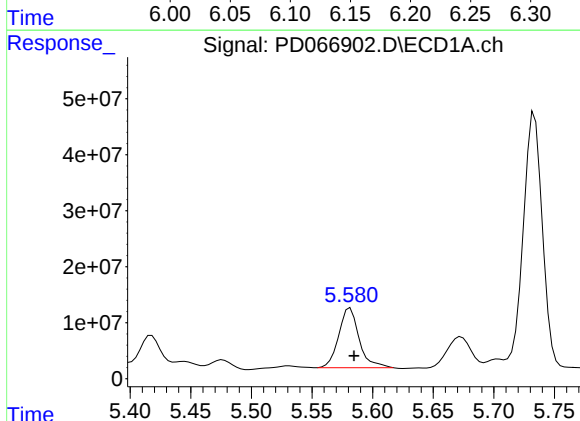
R.T.: 5.418 min  
Delta R.T.: -0.003 min  
Response: 66613592  
Conc: 26.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



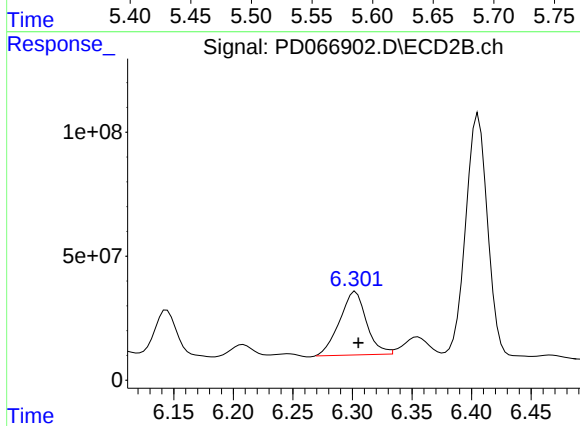
#11 cis-Chlordane

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 220196205  
Conc: 25.66 ng/ml



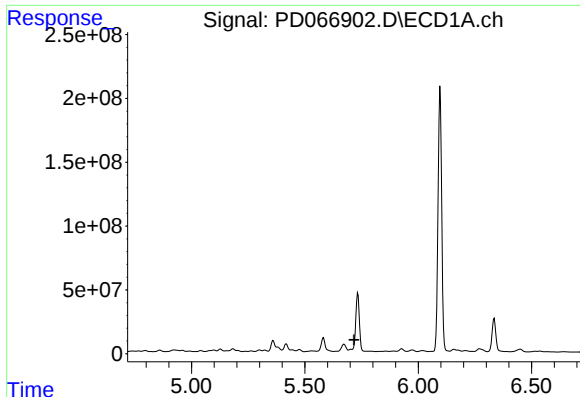
#12 4,4'-DDE

R.T.: 5.582 min  
Delta R.T.: -0.003 min  
Response: 125105380  
Conc: 54.77 ng/ml



#12 4,4'-DDE

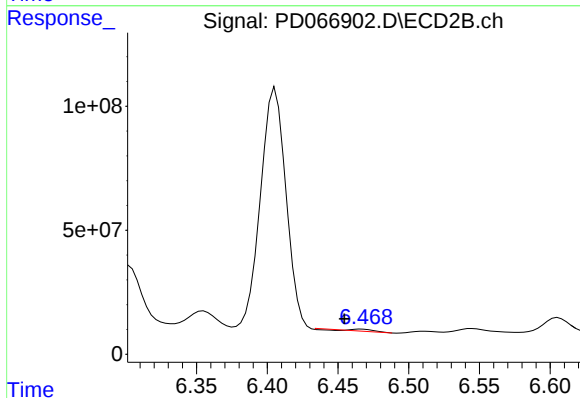
R.T.: 6.303 min  
Delta R.T.: -0.002 min  
Response: 402461614  
Conc: 52.85 ng/ml



#13 Dieldrin

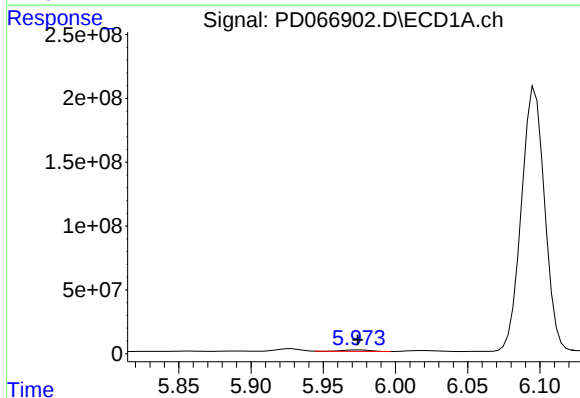
R.T.: 5.704 min  
Delta R.T.: -0.013 min  
Response: -6631363  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



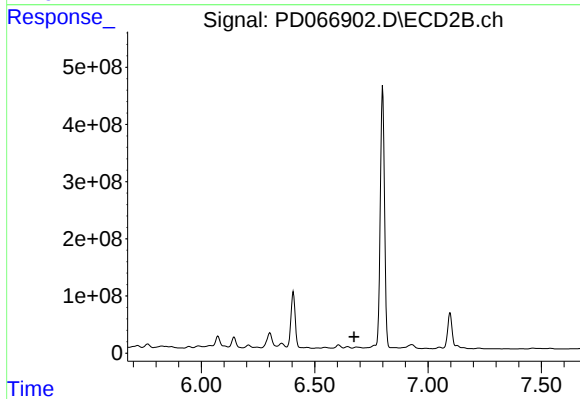
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: 0.012 min  
Response: 5038943  
Conc: 0.63 ng/ml



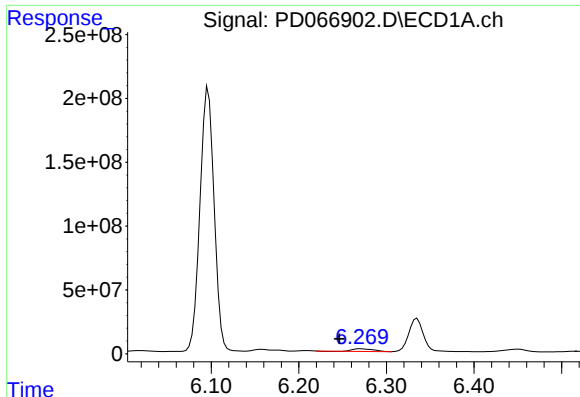
#14 Endrin

R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 14504902  
Conc: 6.86 ng/ml



#14 Endrin

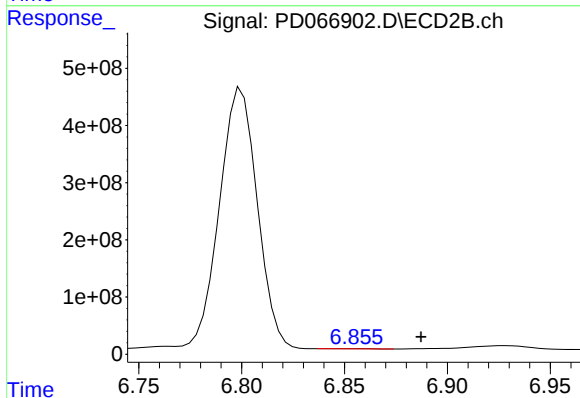
R.T.: 6.685 min  
Delta R.T.: 0.012 min  
Response: -5519712  
Conc: N.D.



#15 Endosulfan II

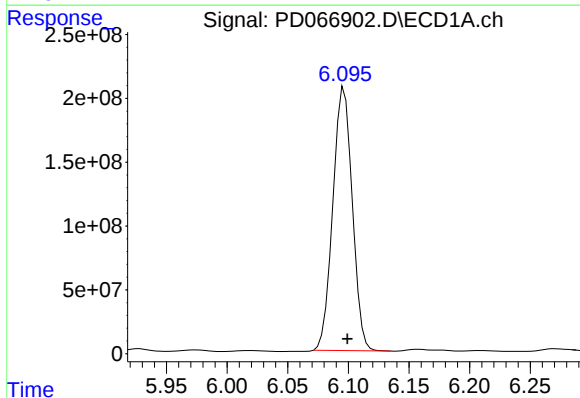
R.T.: 6.271 min  
Delta R.T.: 0.024 min  
Response: 33064775  
Conc: 15.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



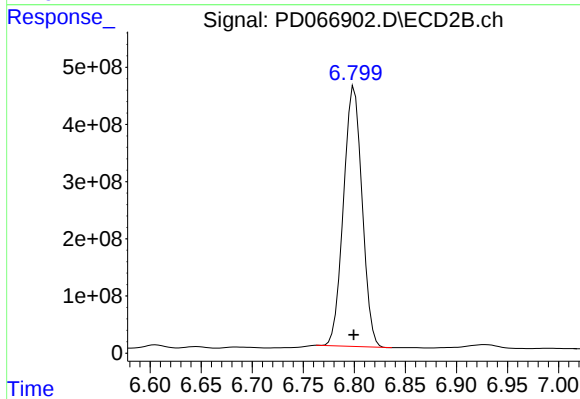
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: -0.038 min  
Response: 5287136  
Conc: 0.74 ng/ml



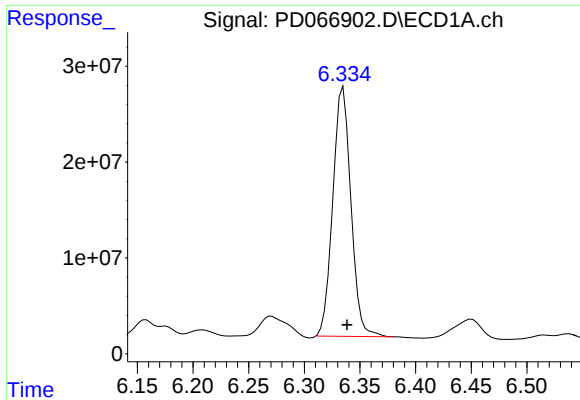
#16 4,4'-DDD

R.T.: 6.097 min  
Delta R.T.: -0.003 min  
Response: 2299826669  
Conc: 1270.56 ng/ml



#16 4,4'-DDD

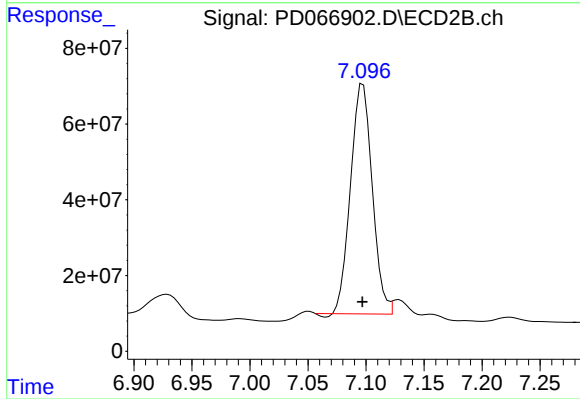
R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 5775732623  
Conc: 894.64 ng/ml



#17 4,4'-DDT

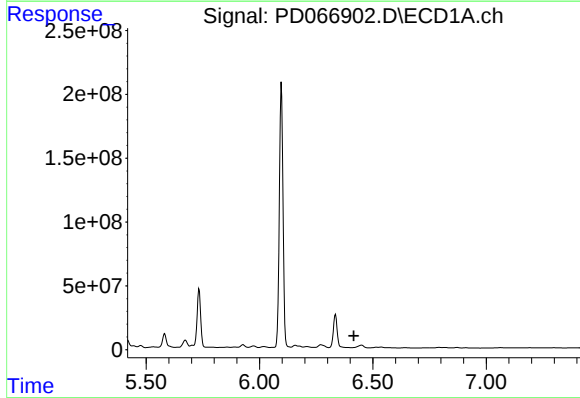
R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 294508915  
Conc: 155.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



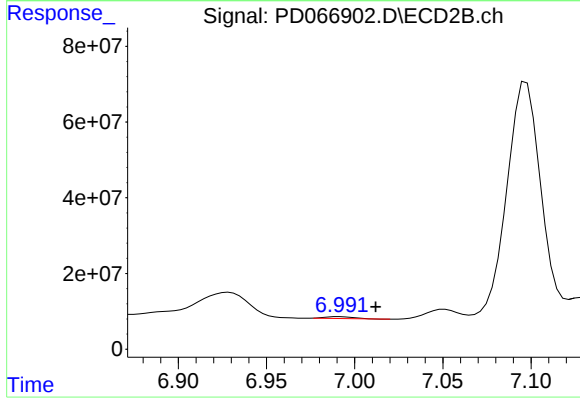
#17 4,4'-DDT

R.T.: 7.097 min  
Delta R.T.: 0.000 min  
Response: 788424105  
Conc: 119.35 ng/ml



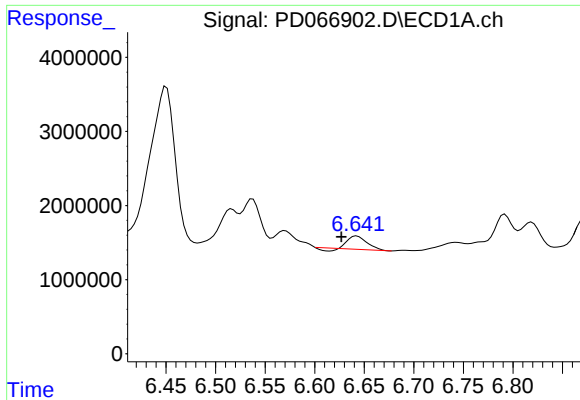
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.034 min  
Response: -1757883  
Conc: N.D.



#18 Endrin aldehyde

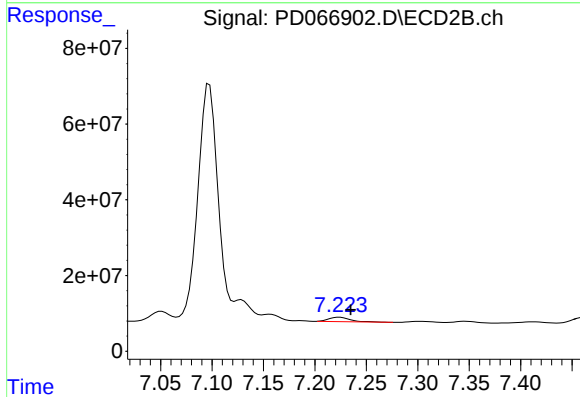
R.T.: 6.992 min  
Delta R.T.: -0.020 min  
Response: 5587986  
Conc: 1.05 ng/ml



#19 Endosulfan Sulfate

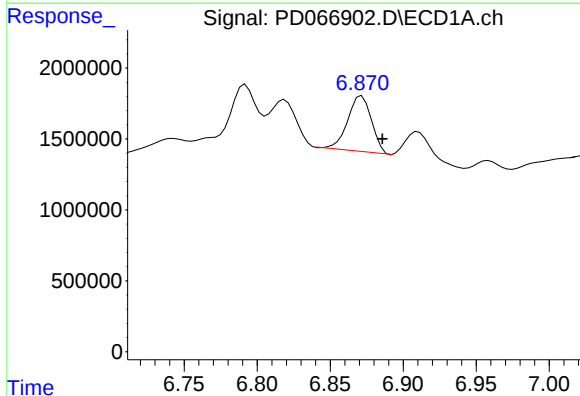
R.T.: 6.642 min  
Delta R.T.: 0.015 min  
Response: 2280411  
Conc: 1.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



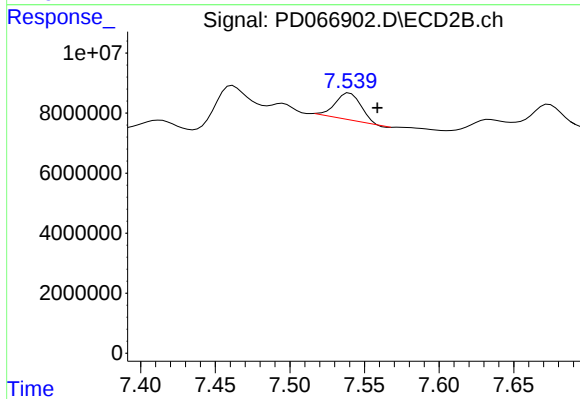
#19 Endosulfan Sulfate

R.T.: 7.224 min  
Delta R.T.: -0.011 min  
Response: 16384580  
Conc: 2.38 ng/ml



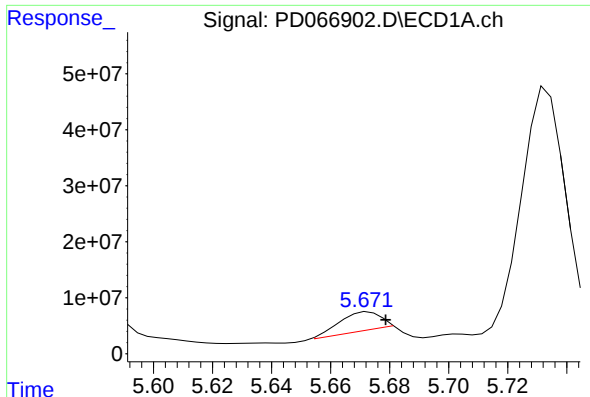
#20 Methoxychlor

R.T.: 6.872 min  
Delta R.T.: -0.014 min  
Response: 4436558  
Conc: 4.73 ng/ml



#20 Methoxychlor

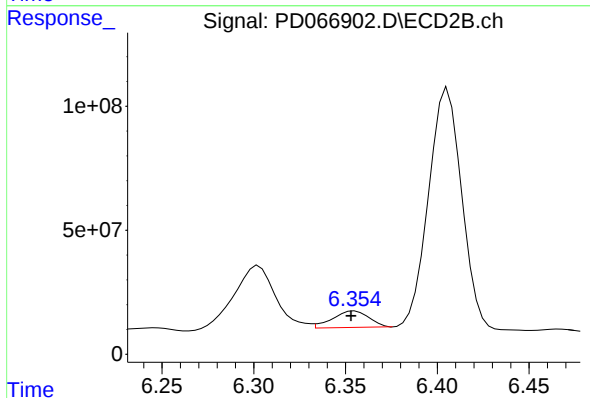
R.T.: 7.540 min  
Delta R.T.: -0.019 min  
Response: 10799303  
Conc: 3.34 ng/ml



#22 Toxaphene-1

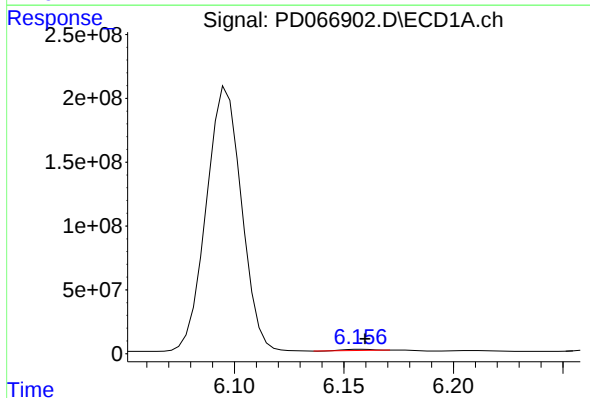
R.T.: 5.673 min  
Delta R.T.: -0.006 min  
Response: 35143680  
Conc: 2234.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



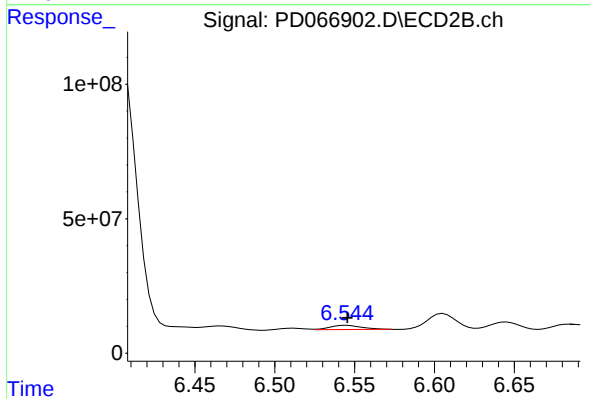
#22 Toxaphene-1

R.T.: 6.355 min  
Delta R.T.: 0.002 min  
Response: 92685385  
Conc: 2292.93 ng/ml



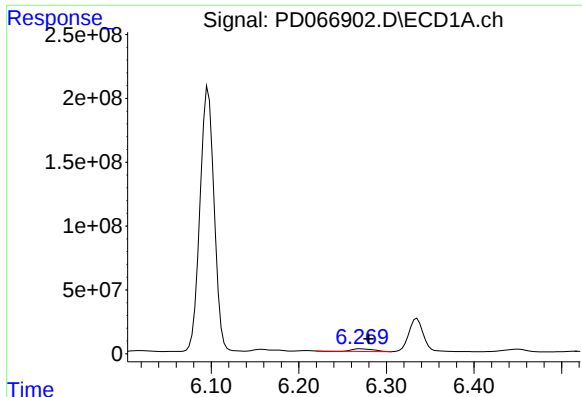
#23 Toxaphene-2

R.T.: 6.158 min  
Delta R.T.: -0.002 min  
Response: 7965500  
Conc: 495.43 ng/ml



#23 Toxaphene-2

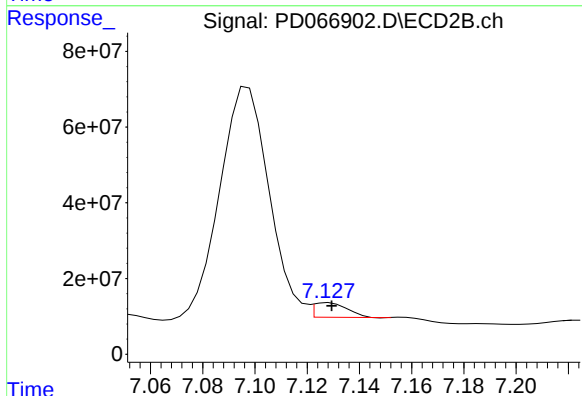
R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 21987120  
Conc: 332.89 ng/ml



#24 Toxaphene-3

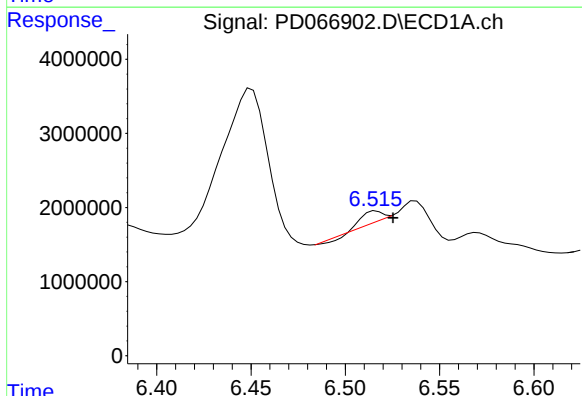
R.T.: 6.271 min  
Delta R.T.: -0.009 min  
Response: 33064775  
Conc: 888.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



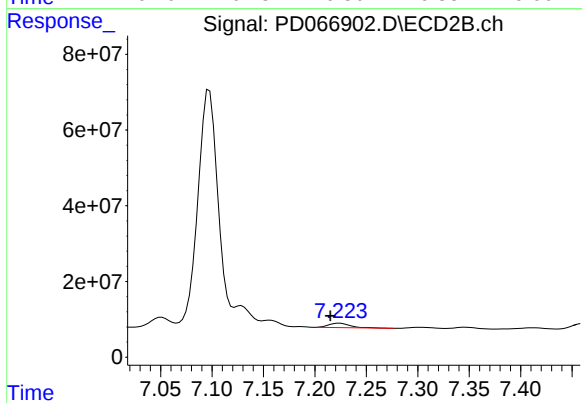
#24 Toxaphene-3

R.T.: 7.129 min  
Delta R.T.: 0.000 min  
Response: 33994149  
Conc: 298.74 ng/ml



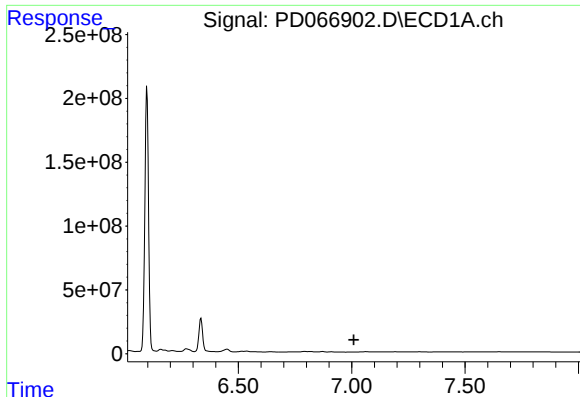
#25 Toxaphene-4

R.T.: 6.516 min  
Delta R.T.: -0.009 min  
Response: 748723  
Conc: 19.33 ng/ml



#25 Toxaphene-4

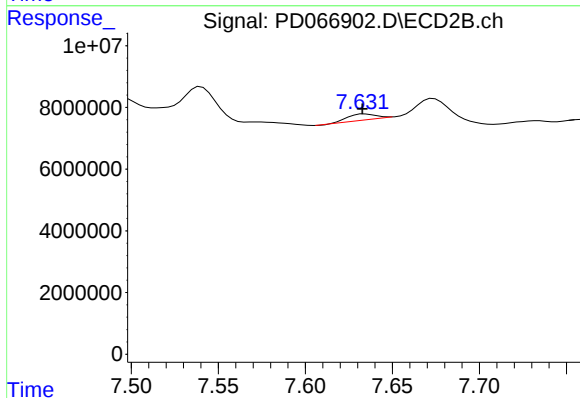
R.T.: 7.224 min  
Delta R.T.: 0.009 min  
Response: 16384580  
Conc: 144.95 ng/ml



#26 Toxaphene-5

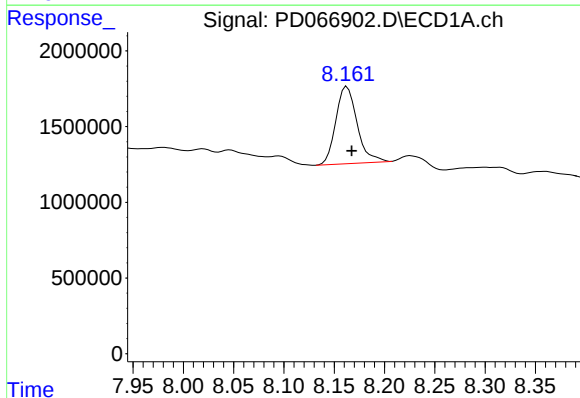
R.T.: 7.063 min  
Delta R.T.: 0.053 min  
Response: -1743185  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



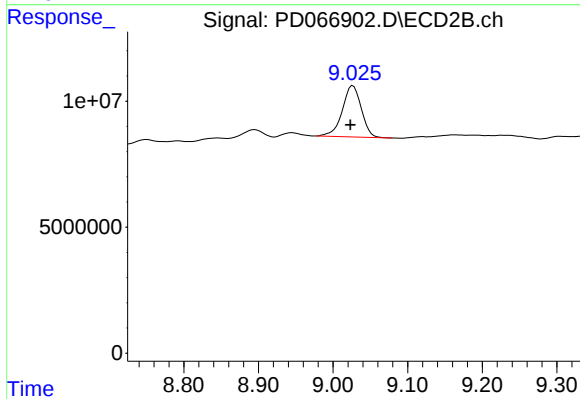
#26 Toxaphene-5

R.T.: 7.634 min  
Delta R.T.: 0.002 min  
Response: 2094012  
Conc: 24.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.163 min  
Delta R.T.: -0.005 min  
Response: 7495784  
Conc: 6.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.003 min  
Response: 35947989  
Conc: 6.89 ng/ml