

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
 Data File : PD066841.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Nov 2021 16:06  
 Operator : AR\AJ  
 Sample : PB140575BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 02:08:04 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

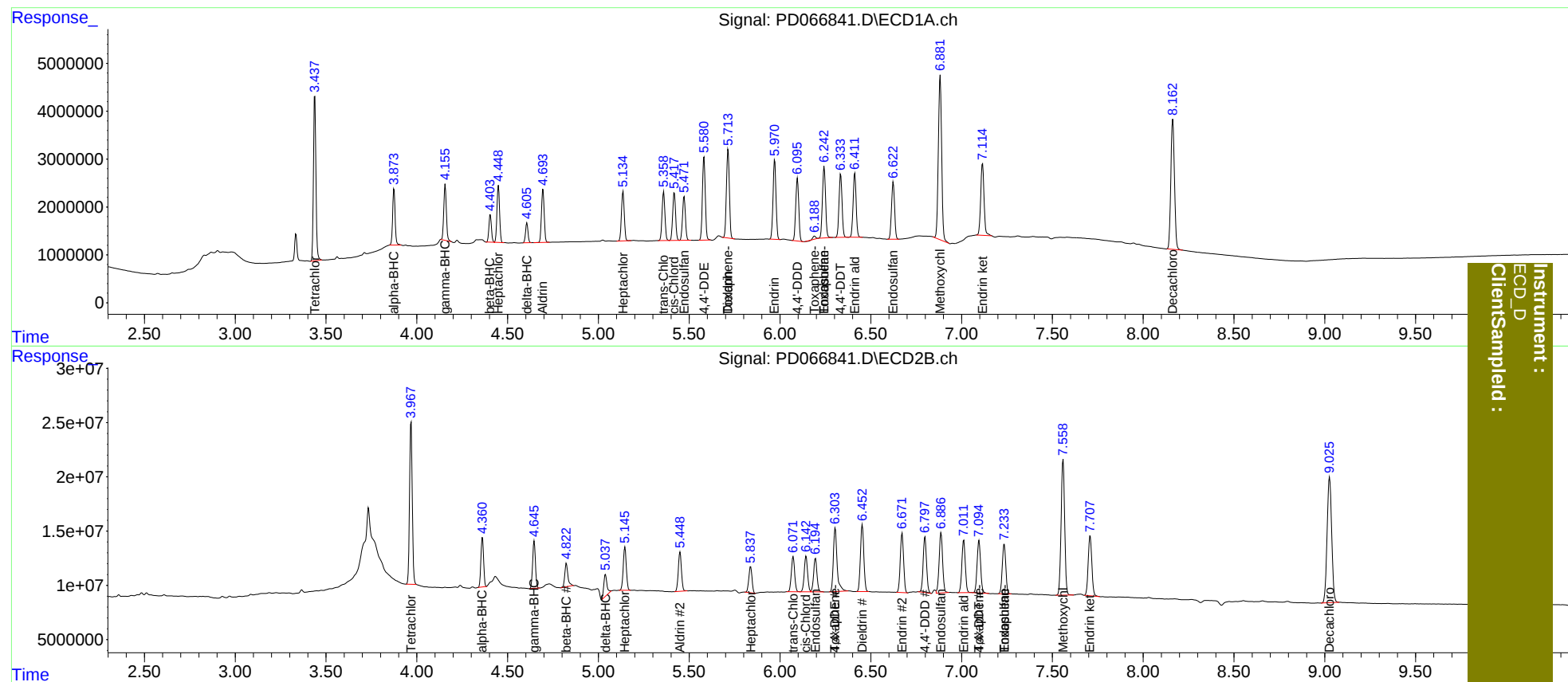
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.438 | 3.968 | 32721234 | 156.6E6  | 16.927   | 18.079     |
| 27)                         | SA Decachlor... | 8.163 | 9.026 | 37708590 | 203.8E6  | 32.183   | 39.072     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.874 | 4.361 | 11151705 | 47270165 | 3.810    | 4.323      |
| 3)                          | MA gamma-BHC... | 4.156 | 4.646 | 11436730 | 46288352 | 4.131    | 4.580      |
| 4)                          | MA Heptachlor   | 4.450 | 5.146 | 11919253 | 46811767 | 4.190    | 4.776      |
| 5)                          | MB Aldrin       | 4.695 | 5.450 | 11598449 | 43606009 | 4.028    | 4.628      |
| 6)                          | B beta-BHC      | 4.405 | 4.824 | 5561715  | 25543917 | 4.428    | 5.184      |
| 7)                          | B delta-BHC     | 4.606 | 5.039 | 3842954  | 23700608 | 1.450    | 2.396 #    |
| 8)                          | B Heptachlo...  | 5.136 | 5.838 | 11157605 | 29490713 | 4.390    | 3.923      |
| 9)                          | A Endosulfan I  | 5.472 | 6.195 | 10088147 | 39806926 | 4.401    | 5.087      |
| 10)                         | B trans-Chl...  | 5.359 | 6.073 | 11182692 | 40898660 | 4.326    | 4.749      |
| 11)                         | B cis-Chlor...  | 5.418 | 6.144 | 11129966 | 42029958 | 4.369    | 4.898      |
| 12)                         | B 4,4'-DDE      | 5.582 | 6.304 | 19252908 | 83426485 | 8.430    | 10.956 #   |
| 13)                         | MA Dieldrin     | 5.714 | 6.453 | 20732583 | 79888155 | 8.308    | 10.014     |
| 14)                         | MA Endrin       | 5.971 | 6.672 | 18873331 | 69845346 | 8.921    | 10.292     |
| 15)                         | B Endosulfa...  | 6.243 | 6.887 | 17861674 | 73890317 | 8.602    | 10.304     |
| 16)                         | A 4,4'-DDD      | 6.096 | 6.799 | 15206086 | 66366428 | 8.401    | 10.280     |
| 17)                         | MA 4,4'-DDT     | 6.334 | 7.096 | 15460806 | 65477109 | 8.177    | 9.912      |
| 18)                         | B Endrin al...  | 6.412 | 7.012 | 15524720 | 63220956 | 10.656   | 11.882     |
| 19)                         | B Endosulfa...  | 6.624 | 7.235 | 14001131 | 60968003 | 7.676    | 8.847      |
| 20)                         | A Methoxychlor  | 6.882 | 7.559 | 43296290 | 171.0E6  | 46.197   | 52.913     |
| 21)                         | B Endrin ke...  | 7.115 | 7.708 | 19143317 | 76841410 | 9.291    | 9.803      |
| 22)                         | Toxaphene-1     | 5.714 | 6.304 | 20732583 | 83426485 | 1318.188 | 2063.877 # |
| 23)                         | Toxaphene-2     | 6.190 | 0.000 | 567163   | 0        | 35.276   | N.D. #     |
| 24)                         | Toxaphene-3     | 6.243 | 7.096 | 17861674 | 65477109 | 480.189  | 575.418    |
| 25)                         | Toxaphene-4     | 0.000 | 7.235 | 0        | 60968003 | N.D.     | 539.363    |
| -----                       |                 |       |       |          |          |          |            |

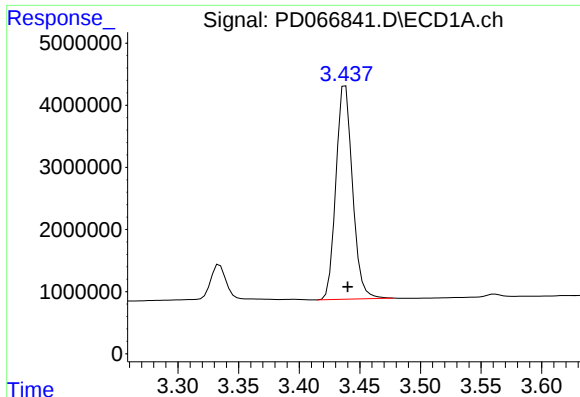
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111021\  
Data File : PD066841.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2021 16:06  
Operator : AR\AJ  
Sample : PB140575BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 02:08:04 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

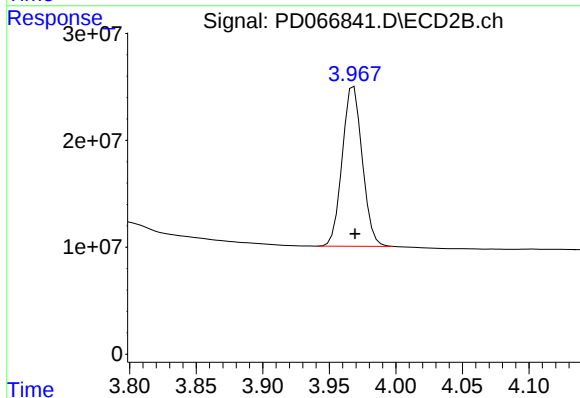




#1 Tetrachloro-m-xylene

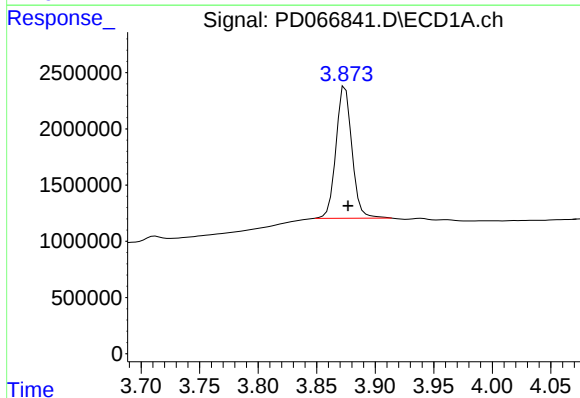
R.T.: 3.438 min  
Delta R.T.: -0.002 min  
Response: 32721234  
Conc: 16.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



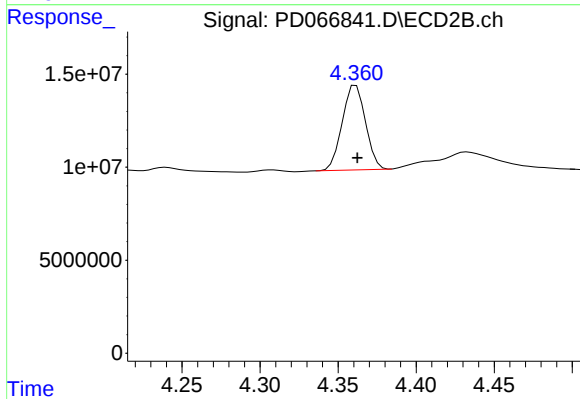
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: -0.001 min  
Response: 156570534  
Conc: 18.08 ng/ml



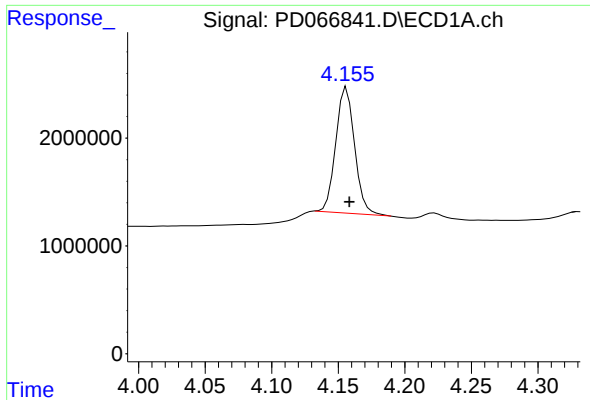
#2 alpha-BHC

R.T.: 3.874 min  
Delta R.T.: -0.002 min  
Response: 11151705  
Conc: 3.81 ng/ml



#2 alpha-BHC

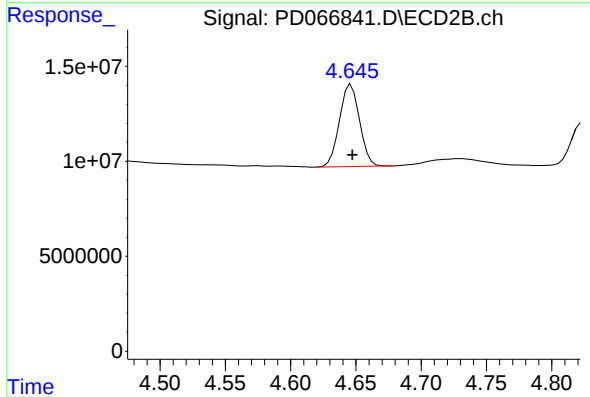
R.T.: 4.361 min  
Delta R.T.: -0.001 min  
Response: 47270165  
Conc: 4.32 ng/ml



#3 gamma-BHC (Lindane)

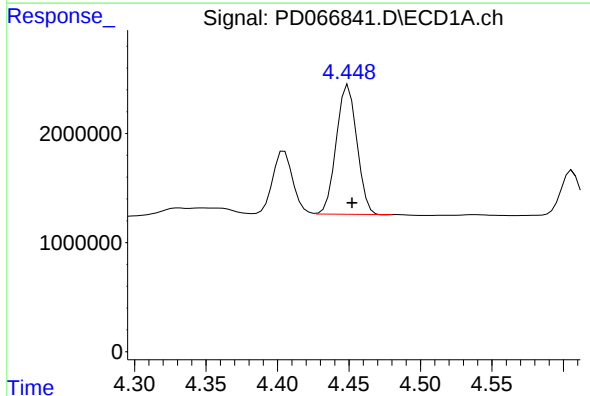
R.T.: 4.156 min  
Delta R.T.: -0.002 min  
Response: 11436730  
Conc: 4.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



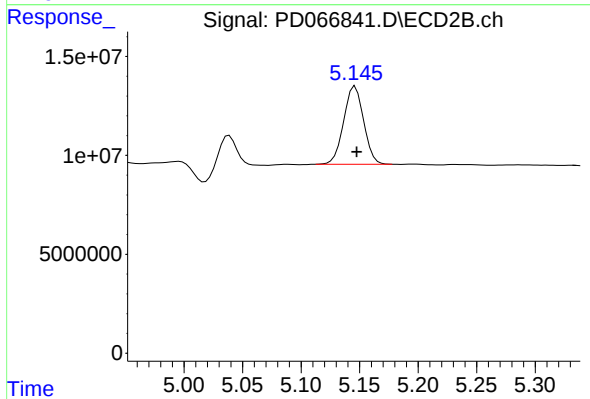
#3 gamma-BHC (Lindane)

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 46288352  
Conc: 4.58 ng/ml



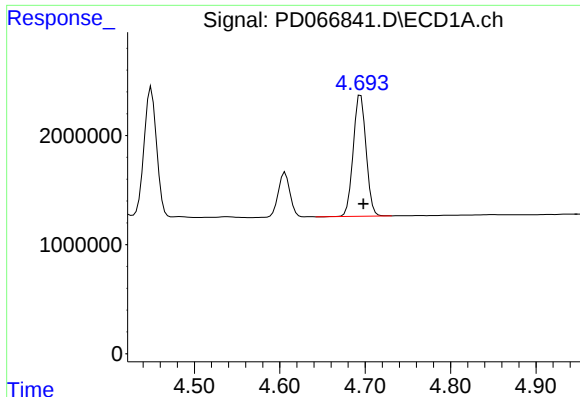
#4 Heptachlor

R.T.: 4.450 min  
Delta R.T.: -0.003 min  
Response: 11919253  
Conc: 4.19 ng/ml



#4 Heptachlor

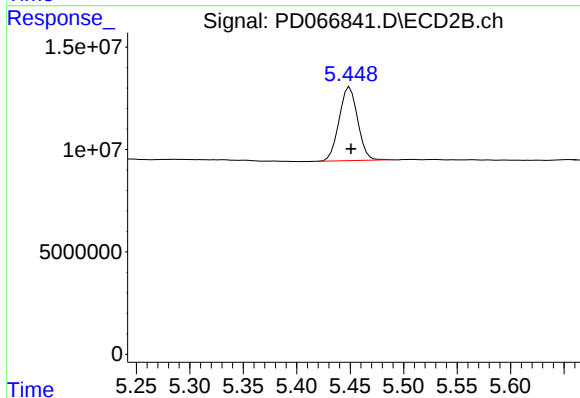
R.T.: 5.146 min  
Delta R.T.: -0.001 min  
Response: 46811767  
Conc: 4.78 ng/ml



#5 Aldrin

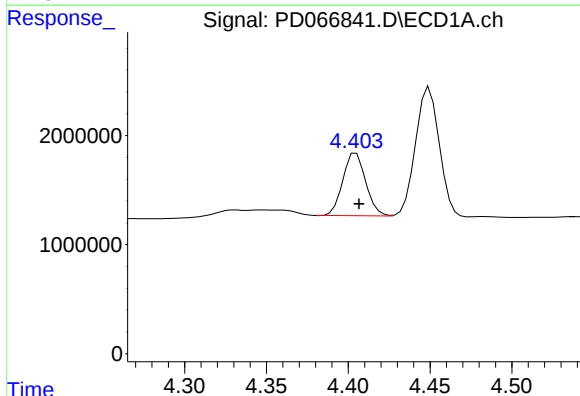
R.T.: 4.695 min  
Delta R.T.: -0.003 min  
Response: 11598449  
Conc: 4.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



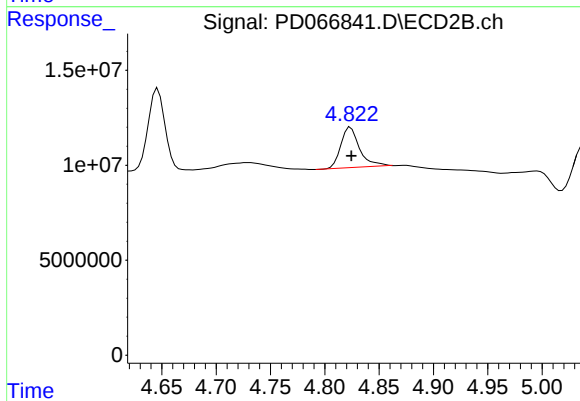
#5 Aldrin

R.T.: 5.450 min  
Delta R.T.: -0.001 min  
Response: 43606009  
Conc: 4.63 ng/ml



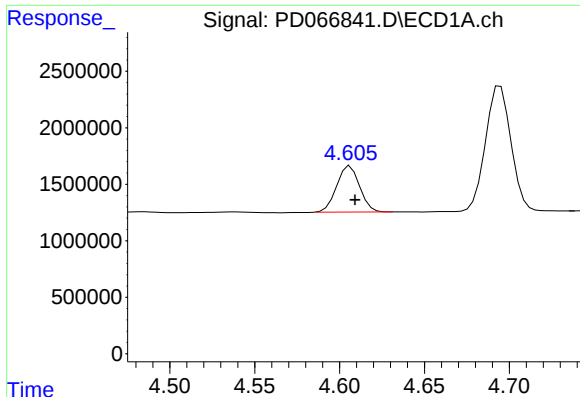
#6 beta-BHC

R.T.: 4.405 min  
Delta R.T.: -0.002 min  
Response: 5561715  
Conc: 4.43 ng/ml



#6 beta-BHC

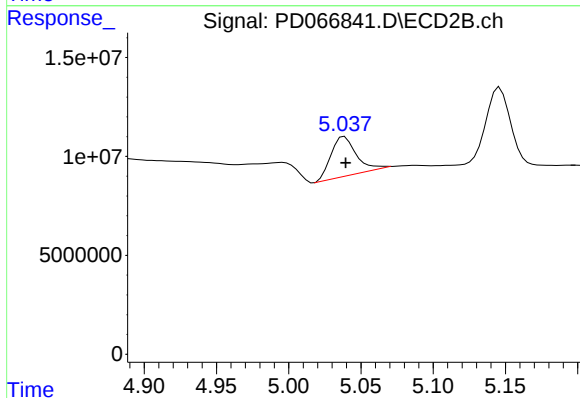
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 25543917  
Conc: 5.18 ng/ml



#7 delta-BHC

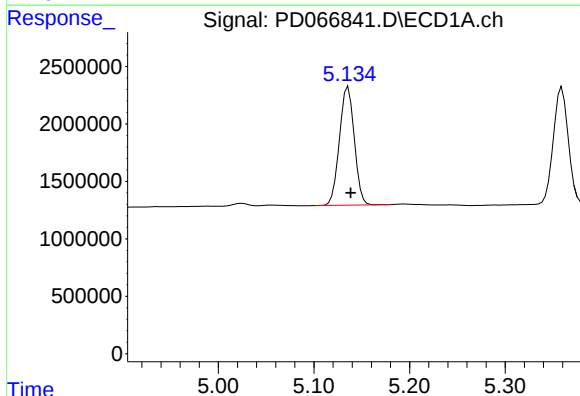
R.T.: 4.606 min  
Delta R.T.: -0.003 min  
Response: 3842954  
Conc: 1.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



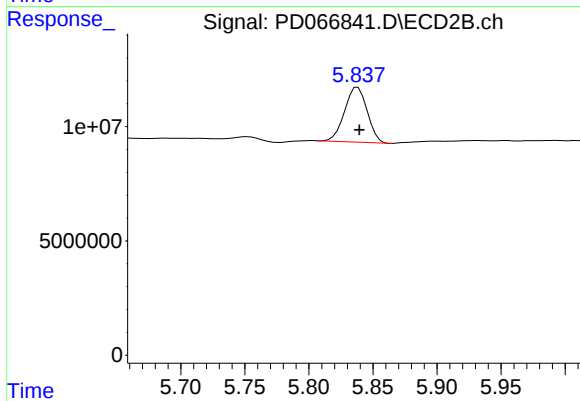
#7 delta-BHC

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 23700608  
Conc: 2.40 ng/ml



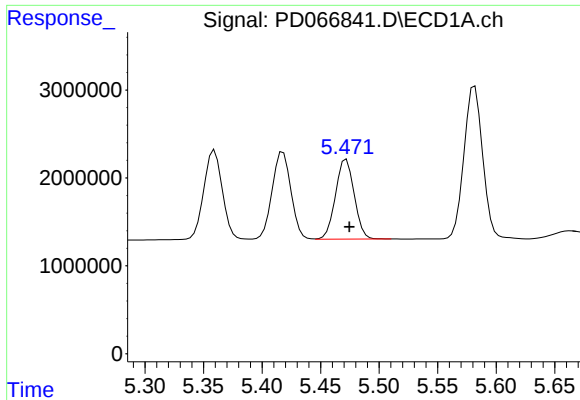
#8 Heptachlor epoxide

R.T.: 5.136 min  
Delta R.T.: -0.003 min  
Response: 11157605  
Conc: 4.39 ng/ml



#8 Heptachlor epoxide

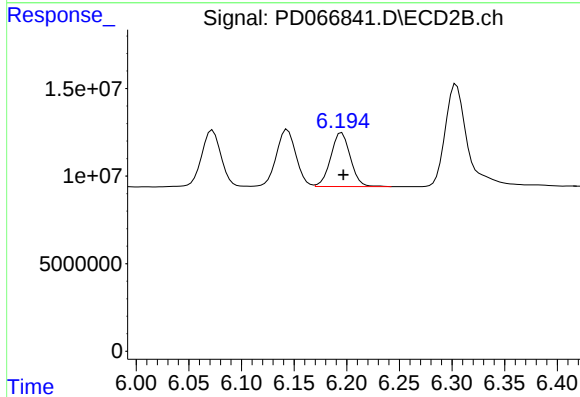
R.T.: 5.838 min  
Delta R.T.: -0.001 min  
Response: 29490713  
Conc: 3.92 ng/ml



#9 Endosulfan I

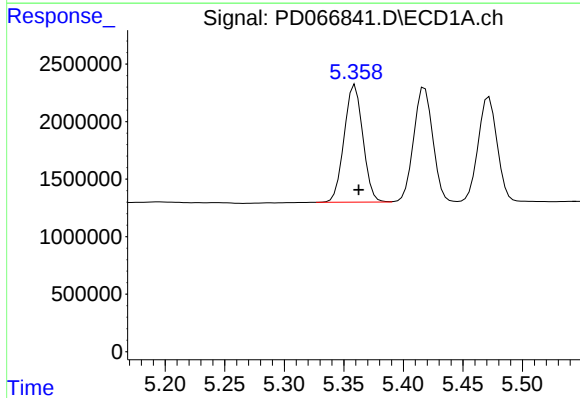
R.T.: 5.472 min  
Delta R.T.: -0.003 min  
Response: 10088147  
Conc: 4.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



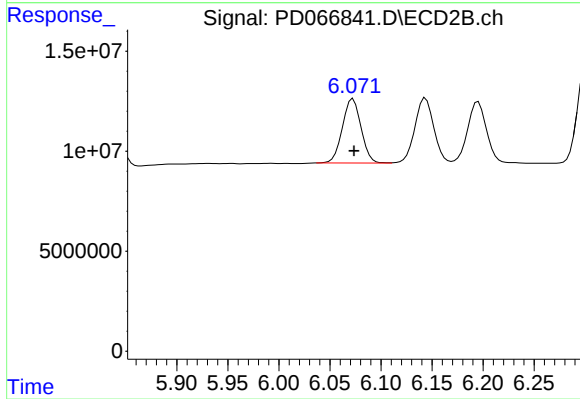
#9 Endosulfan I

R.T.: 6.195 min  
Delta R.T.: -0.001 min  
Response: 39806926  
Conc: 5.09 ng/ml



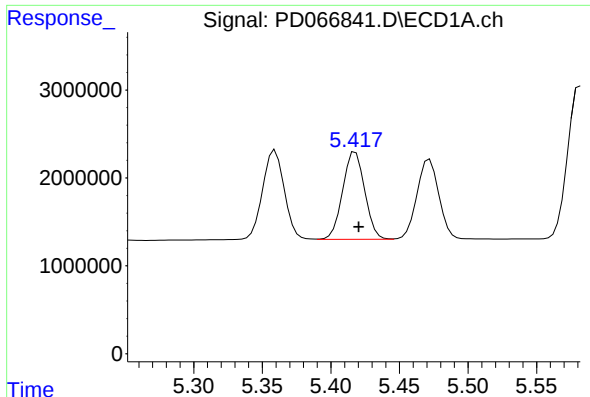
#10 trans-Chlordane

R.T.: 5.359 min  
Delta R.T.: -0.003 min  
Response: 11182692  
Conc: 4.33 ng/ml



#10 trans-Chlordane

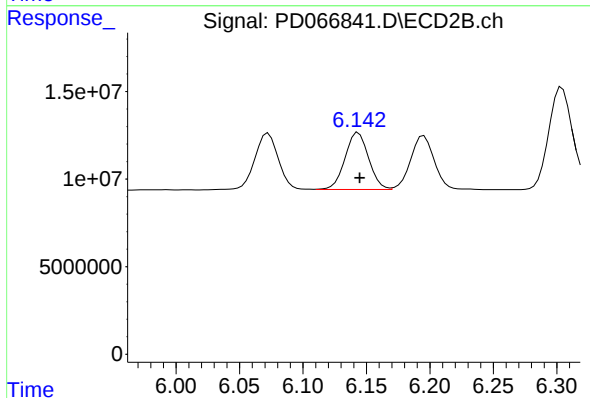
R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 40898660  
Conc: 4.75 ng/ml



#11 cis-Chlordane

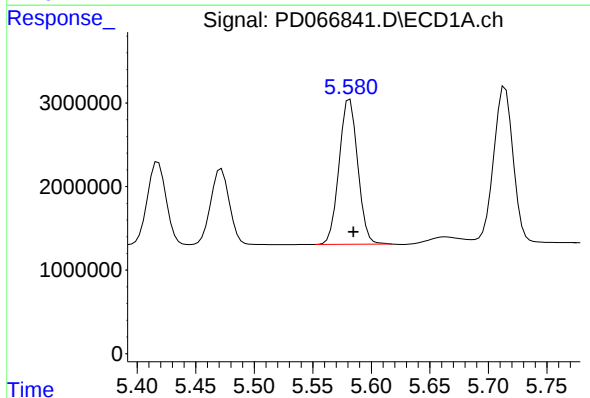
R.T.: 5.418 min  
Delta R.T.: -0.003 min  
Response: 11129966  
Conc: 4.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



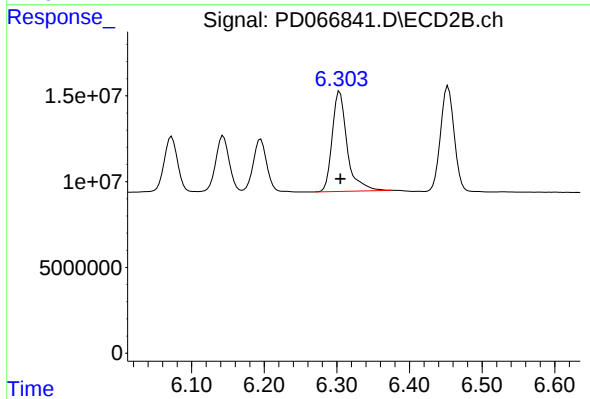
#11 cis-Chlordane

R.T.: 6.144 min  
Delta R.T.: -0.001 min  
Response: 42029958  
Conc: 4.90 ng/ml



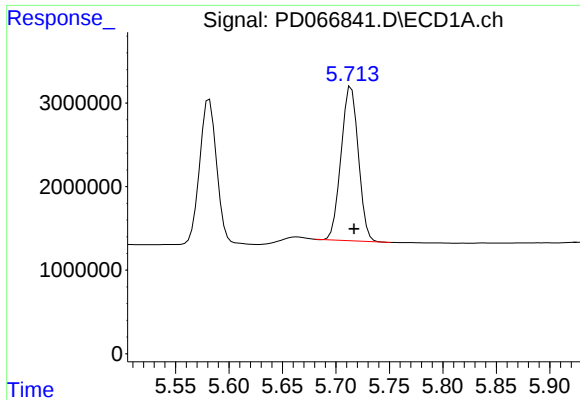
#12 4,4'-DDE

R.T.: 5.582 min  
Delta R.T.: -0.003 min  
Response: 19252908  
Conc: 8.43 ng/ml



#12 4,4'-DDE

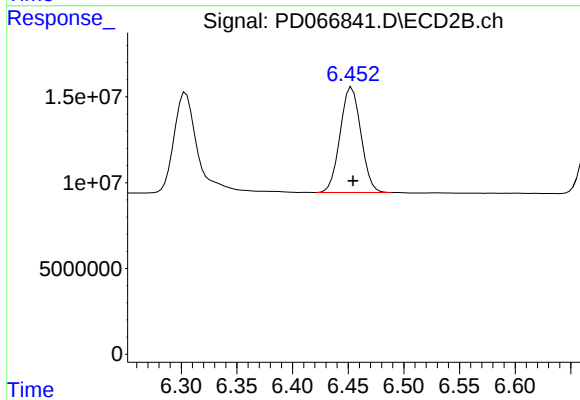
R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 83426485  
Conc: 10.96 ng/ml



#13 Dieldrin

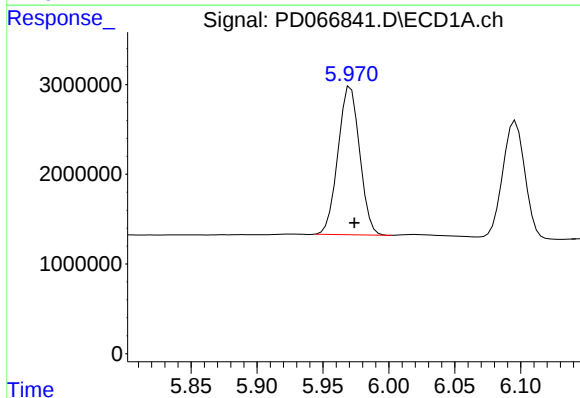
R.T.: 5.714 min  
Delta R.T.: -0.003 min  
Response: 20732583  
Conc: 8.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



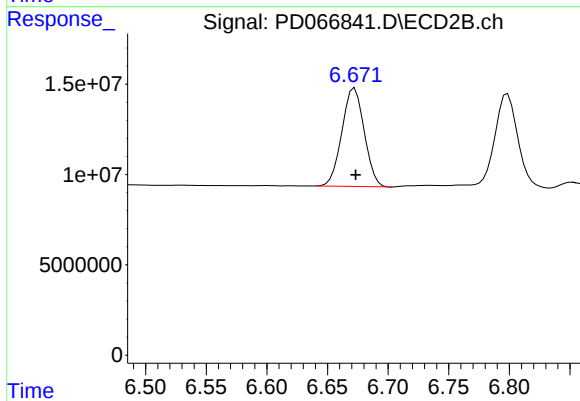
#13 Dieldrin

R.T.: 6.453 min  
Delta R.T.: -0.001 min  
Response: 79888155  
Conc: 10.01 ng/ml



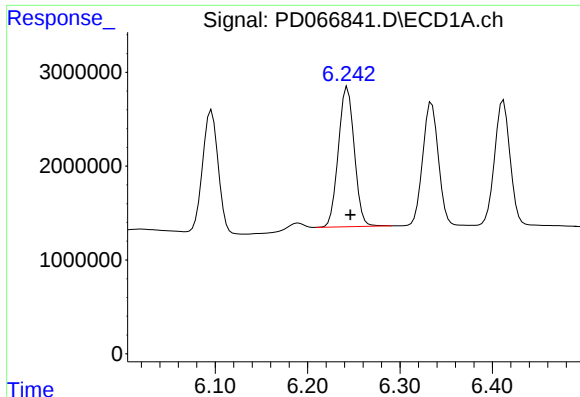
#14 Endrin

R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 18873331  
Conc: 8.92 ng/ml



#14 Endrin

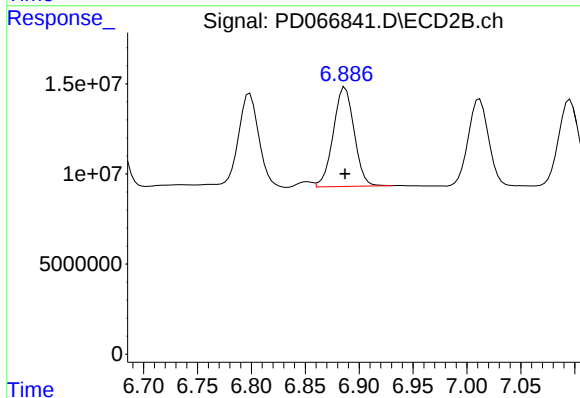
R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 69845346  
Conc: 10.29 ng/ml



#15 Endosulfan II

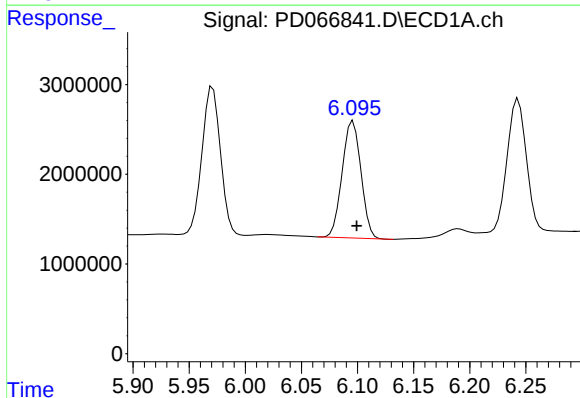
R.T.: 6.243 min  
Delta R.T.: -0.003 min  
Response: 17861674  
Conc: 8.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



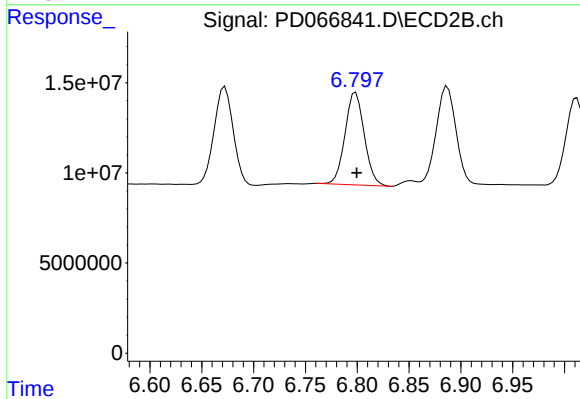
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 73890317  
Conc: 10.30 ng/ml



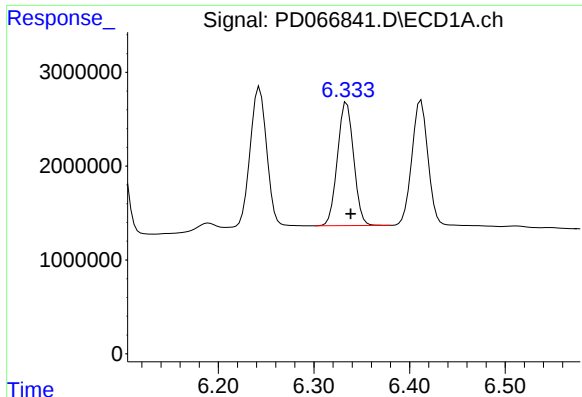
#16 4,4'-DDD

R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 15206086  
Conc: 8.40 ng/ml



#16 4,4'-DDD

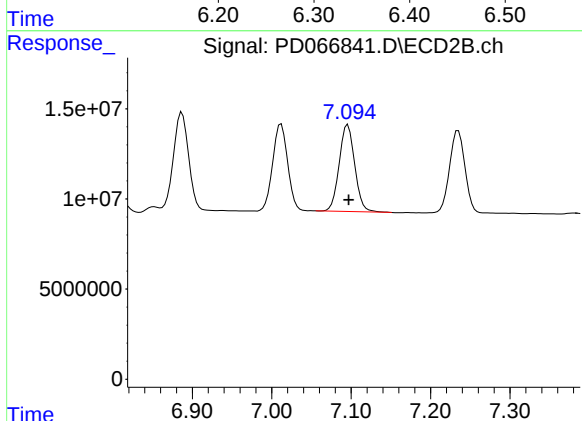
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 66366428  
Conc: 10.28 ng/ml



#17 4,4'-DDT

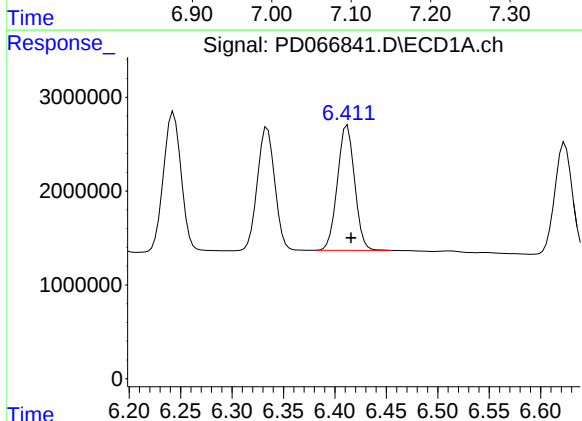
R.T.: 6.334 min  
Delta R.T.: -0.004 min  
Response: 15460806  
Conc: 8.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



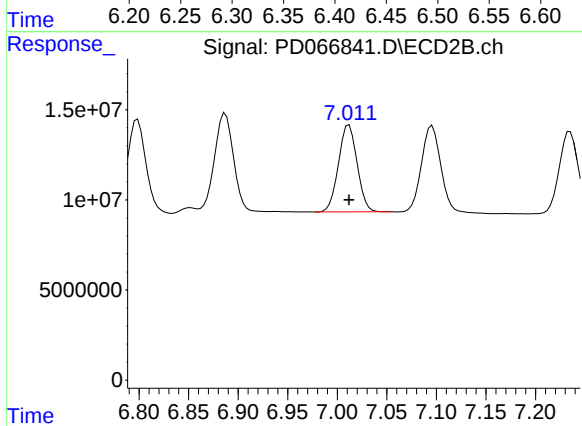
#17 4,4'-DDT

R.T.: 7.096 min  
Delta R.T.: -0.001 min  
Response: 65477109  
Conc: 9.91 ng/ml



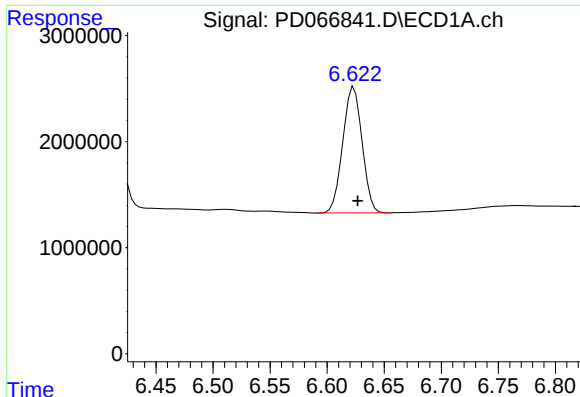
#18 Endrin aldehyde

R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 15524720  
Conc: 10.66 ng/ml



#18 Endrin aldehyde

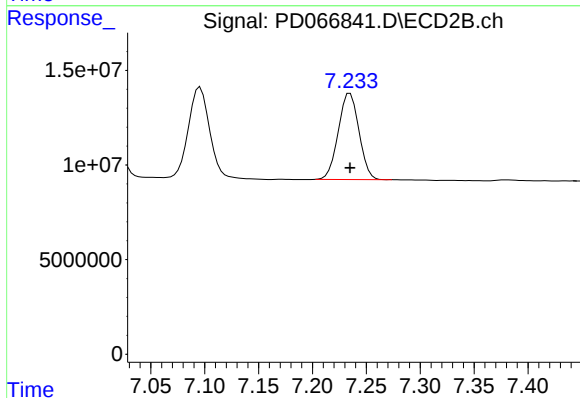
R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 63220956  
Conc: 11.88 ng/ml



#19 Endosulfan Sulfate

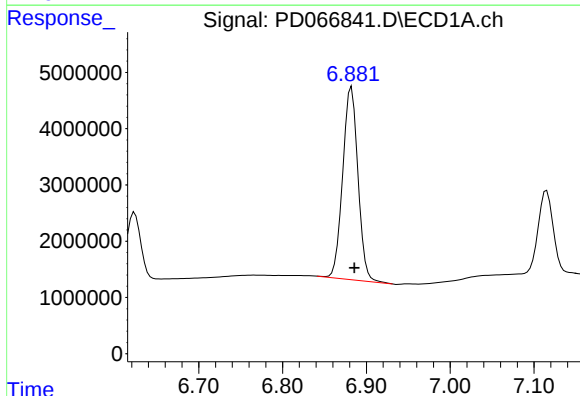
R.T.: 6.624 min  
Delta R.T.: -0.003 min  
Response: 14001131  
Conc: 7.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



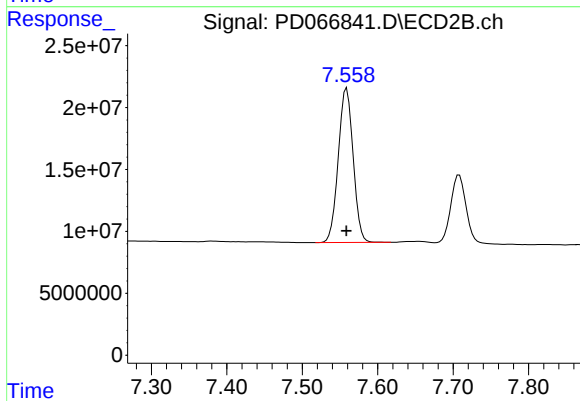
#19 Endosulfan Sulfate

R.T.: 7.235 min  
Delta R.T.: 0.000 min  
Response: 60968003  
Conc: 8.85 ng/ml



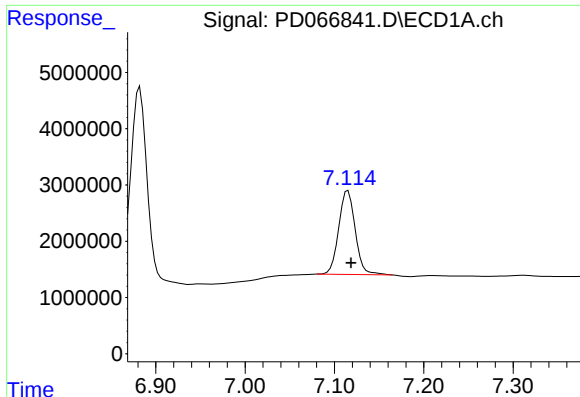
#20 Methoxychlor

R.T.: 6.882 min  
Delta R.T.: -0.004 min  
Response: 43296290  
Conc: 46.20 ng/ml



#20 Methoxychlor

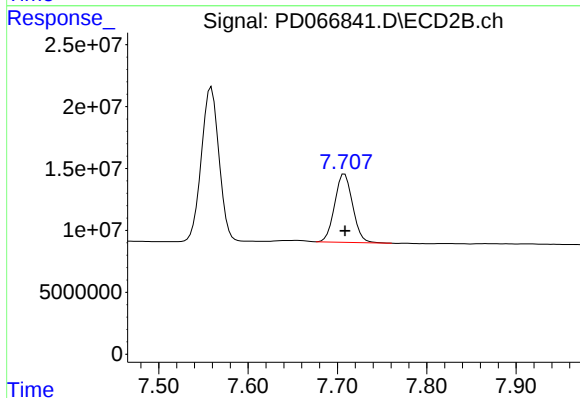
R.T.: 7.559 min  
Delta R.T.: 0.000 min  
Response: 171003510  
Conc: 52.91 ng/ml



#21 Endrin ketone

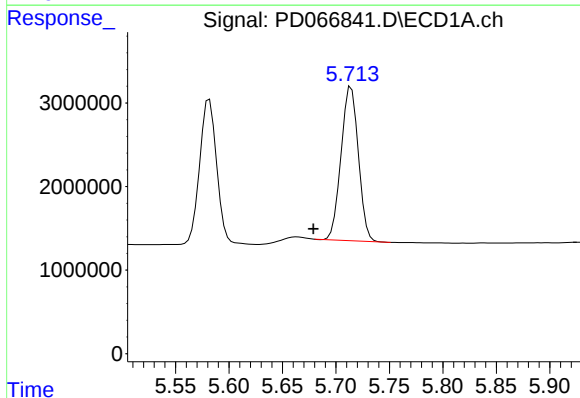
R.T.: 7.115 min  
Delta R.T.: -0.004 min  
Response: 19143317  
Conc: 9.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



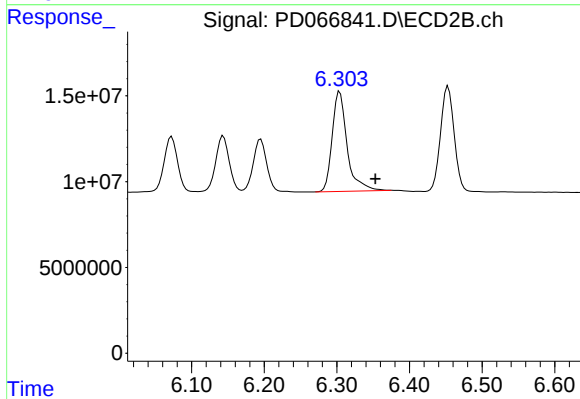
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: 0.000 min  
Response: 76841410  
Conc: 9.80 ng/ml



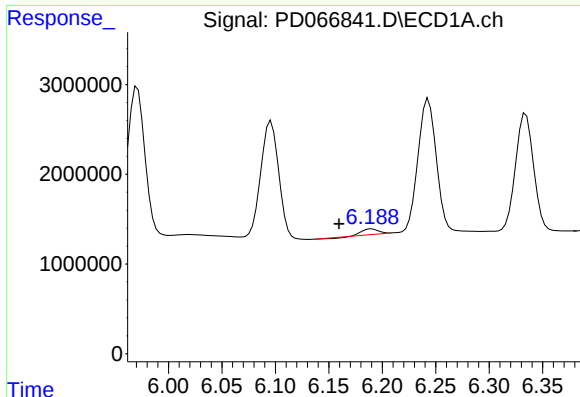
#22 Toxaphene-1

R.T.: 5.714 min  
Delta R.T.: 0.036 min  
Response: 20732583  
Conc: 1318.19 ng/ml



#22 Toxaphene-1

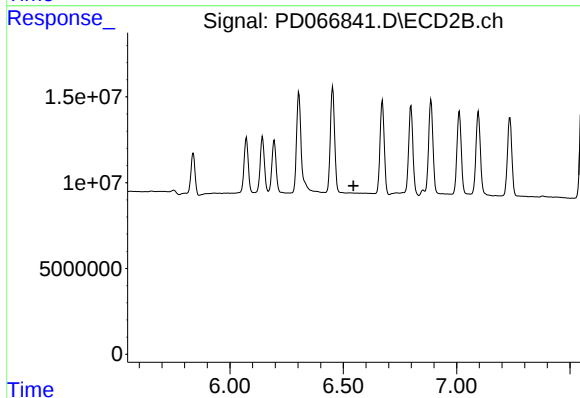
R.T.: 6.304 min  
Delta R.T.: -0.049 min  
Response: 83426485  
Conc: 2063.88 ng/ml



#23 Toxaphene-2

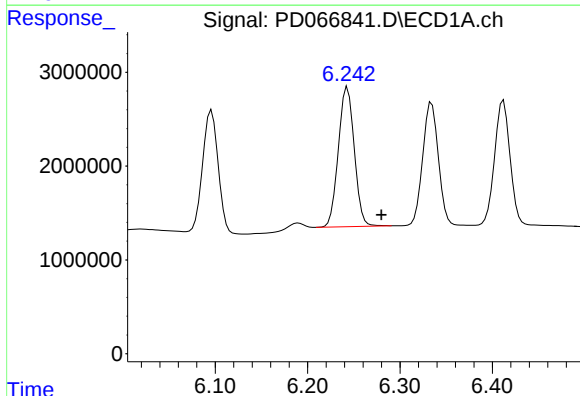
R.T.: 6.190 min  
Delta R.T.: 0.030 min  
Response: 567163  
Conc: 35.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



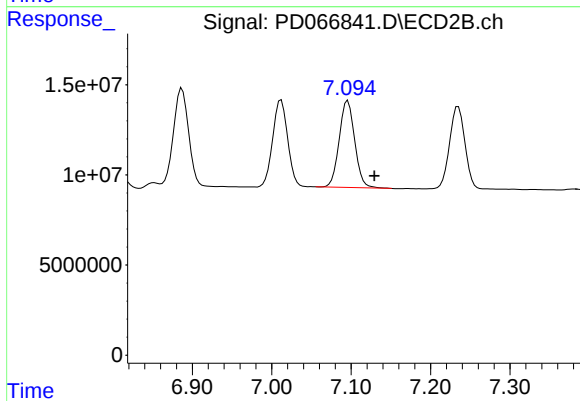
#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T. : 6.545 min  
Response: 0  
Conc: N.D.



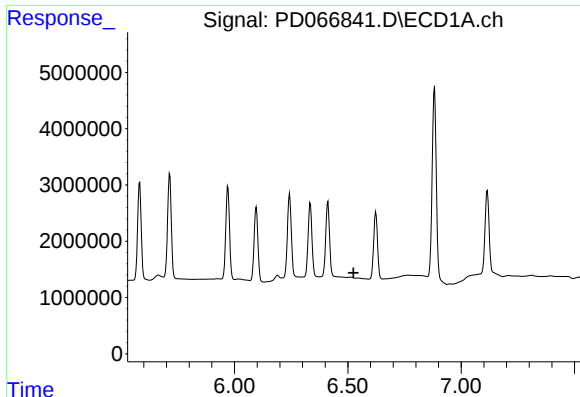
#24 Toxaphene-3

R.T.: 6.243 min  
Delta R.T.: -0.037 min  
Response: 17861674  
Conc: 480.19 ng/ml



#24 Toxaphene-3

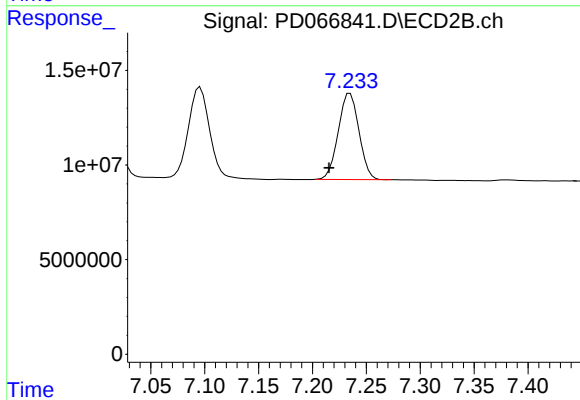
R.T.: 7.096 min  
Delta R.T.: -0.034 min  
Response: 65477109  
Conc: 575.42 ng/ml



#25 Toxaphene-4

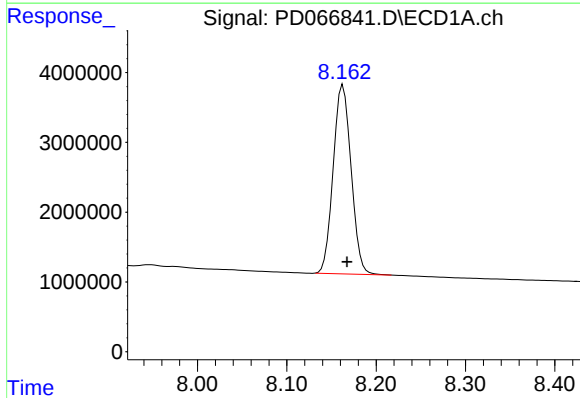
R.T.: 0.000 min  
Exp R.T.: 6.525 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



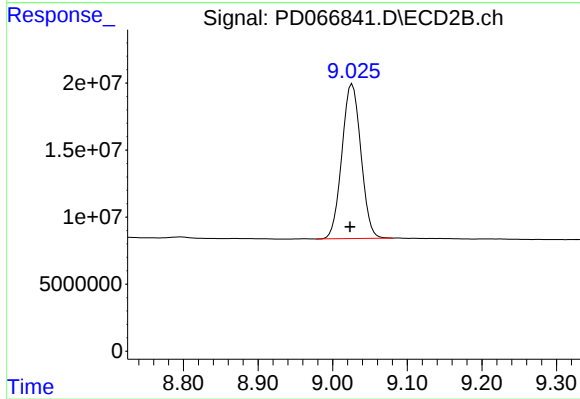
#25 Toxaphene-4

R.T.: 7.235 min  
Delta R.T.: 0.020 min  
Response: 60968003  
Conc: 539.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.163 min  
Delta R.T.: -0.005 min  
Response: 37708590  
Conc: 32.18 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.003 min  
Response: 203771805  
Conc: 39.07 ng/ml