

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090623\  
 Data File : PD077705.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Sep 2023 17:29  
 Operator : AR\AJ  
 Sample : PB155312BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 20:43:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 06 16:40:06 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

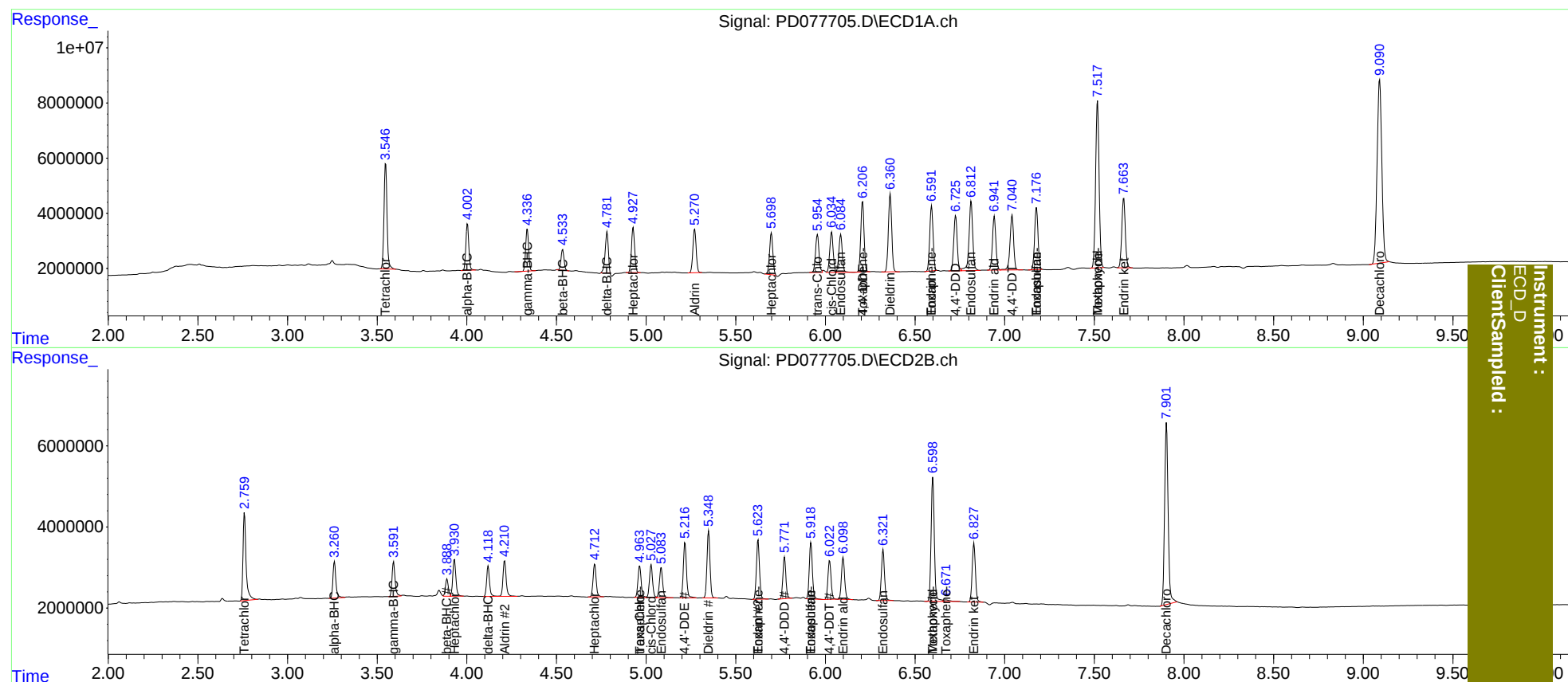
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.547  | 2.760  | 45206576 | 25784026 | 17.814   | 17.447    |
| 27)                         | SA Decachlor... | 9.091  | 7.903  | 122.1E6  | 61736008 | 39.070   | 38.120    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.004  | 3.262  | 19276688 | 10326803 | 4.502    | 4.556     |
| 3)                          | MA gamma-BHC... | 4.338  | 3.592  | 17627562 | 9881730  | 4.360    | 4.577     |
| 4)                          | MA Heptachlor   | 4.928  | 3.931  | 20269144 | 10913406 | 4.850    | 4.909     |
| 5)                          | MB Aldrin       | 5.271  | 4.211  | 20201804 | 10882600 | 4.839    | 4.855     |
| 6)                          | B beta-BHC      | 4.535  | 3.890  | 8734540  | 4796052  | 4.754    | 4.854     |
| 7)                          | B delta-BHC     | 4.782  | 4.119  | 18016974 | 8405556  | 4.487    | 3.771     |
| 8)                          | B Heptachlo...  | 5.699  | 4.714  | 19437337 | 9857936  | 5.029    | 4.693     |
| 9)                          | A Endosulfan I  | 6.086  | 5.084  | 18032096 | 9121332  | 5.372    | 5.082     |
| 10)                         | B trans-Chl...  | 5.956  | 4.964  | 18341351 | 9603680  | 4.926    | 4.809     |
| 11)                         | B cis-Chlor...  | 6.035  | 5.028  | 19322245 | 9815595  | 5.013    | 4.800     |
| 12)                         | B 4,4'-DDE      | 6.208  | 5.217  | 32748771 | 16679406 | 9.238    | 8.780     |
| 13)                         | MA Dieldrin     | 6.362  | 5.349  | 36717104 | 19268294 | 9.809    | 9.325     |
| 14)                         | MA Endrin       | 6.593  | 5.625  | 30751096 | 17505644 | 9.967    | 9.575     |
| 15)                         | B Endosulfa...  | 6.813  | 5.920  | 36141609 | 16733917 | 10.915   | 9.247     |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.772  | 26653211 | 12001237 | 10.021   | 8.917     |
| 17)                         | MA 4,4'-DDT     | 7.042  | 6.024  | 27876807 | 11774326 | 10.175   | 8.331     |
| 18)                         | B Endrin al...  | 6.943  | 6.099  | 25877823 | 12810085 | 9.959    | 9.107     |
| 19)                         | B Endosulfa...  | 7.178  | 6.322  | 30006467 | 15212629 | 9.902    | 9.207     |
| 20)                         | A Methoxychlor  | 7.518  | 6.599  | 82236108 | 38152684 | 52.726   | 48.894    |
| 21)                         | B Endrin ke...  | 7.664  | 6.829  | 34572883 | 18105571 | 10.041   | 9.450     |
| 22)                         | Toxaphene-1     | 6.208f | 4.964  | 32748771 | 9603680  | 1227.343 | 920.087 # |
| 23)                         | Toxaphene-2     | 0.000  | 5.625f | 0        | 17505644 | N.D.     | 1451.686  |
| 24)                         | Toxaphene-3     | 6.593f | 5.920  | 30751096 | 16733917 | 1332.136 | 1226.984  |
| 25)                         | Toxaphene-4     | 7.178  | 6.599  | 30006467 | 38152684 | 417.608  | 988.615 # |
| 26)                         | Toxaphene-5     | 7.518f | 6.673f | 82236108 | 882775   | 1578.050 | 15.905 #  |
| -----                       |                 |        |        |          |          |          |           |

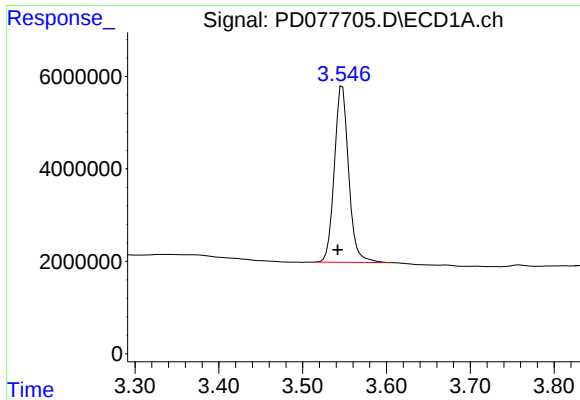
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090623\  
Data File : PD077705.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Sep 2023 17:29  
Operator : AR\AJ  
Sample : PB155312BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 06 20:43:47 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090623CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 06 16:40:06 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

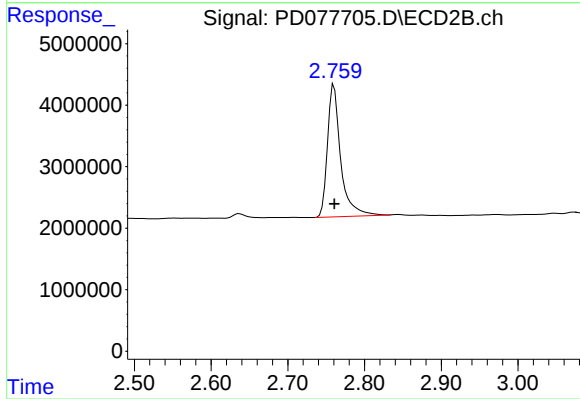




#1 Tetrachloro-m-xylene

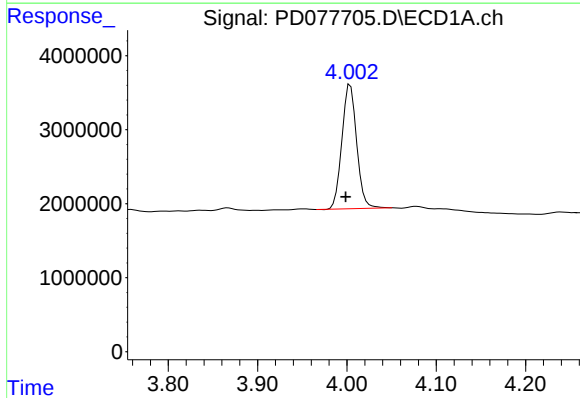
R.T.: 3.547 min  
Delta R.T.: 0.005 min  
Response: 45206576  
Conc: 17.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



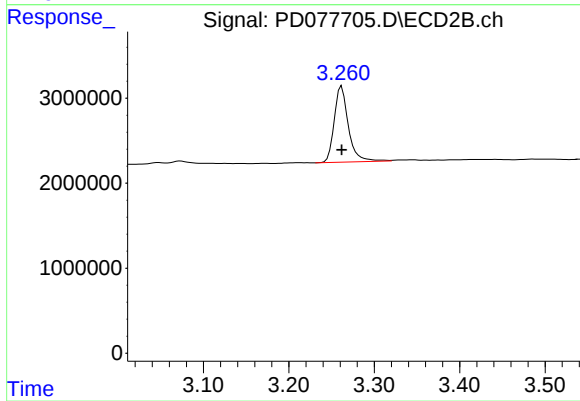
#1 Tetrachloro-m-xylene

R.T.: 2.760 min  
Delta R.T.: 0.000 min  
Response: 25784026  
Conc: 17.45 ng/ml



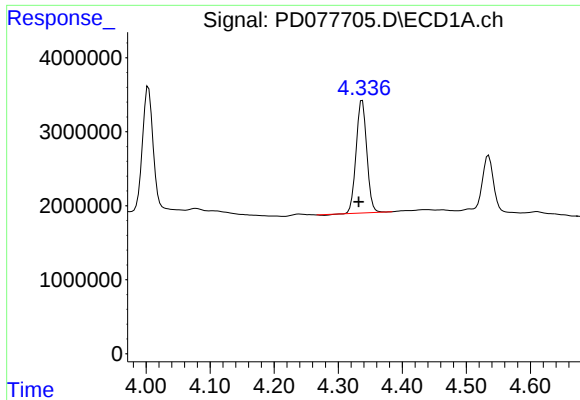
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.005 min  
Response: 19276688  
Conc: 4.50 ng/ml



#2 alpha-BHC

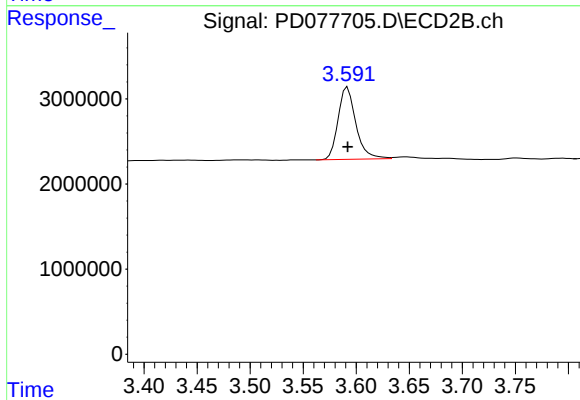
R.T.: 3.262 min  
Delta R.T.: 0.000 min  
Response: 10326803  
Conc: 4.56 ng/ml



#3 gamma-BHC (Lindane)

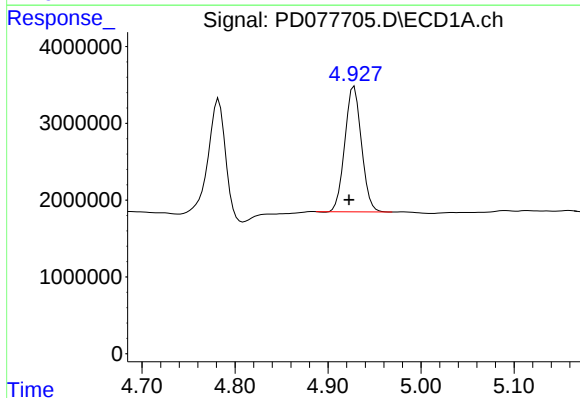
R.T.: 4.338 min  
Delta R.T.: 0.006 min  
Response: 17627562  
Conc: 4.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



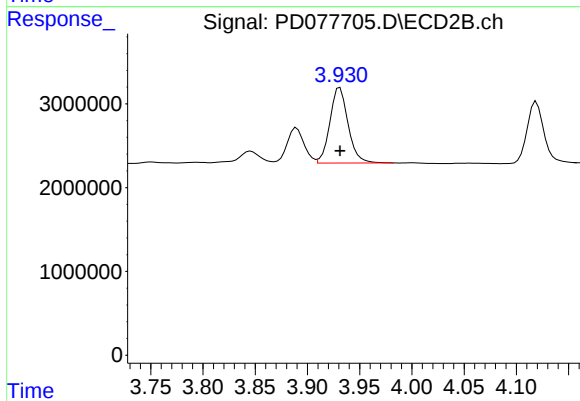
#3 gamma-BHC (Lindane)

R.T.: 3.592 min  
Delta R.T.: 0.000 min  
Response: 9881730  
Conc: 4.58 ng/ml



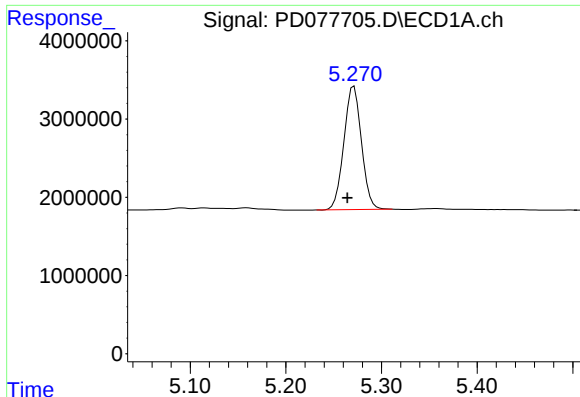
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.005 min  
Response: 20269144  
Conc: 4.85 ng/ml



#4 Heptachlor

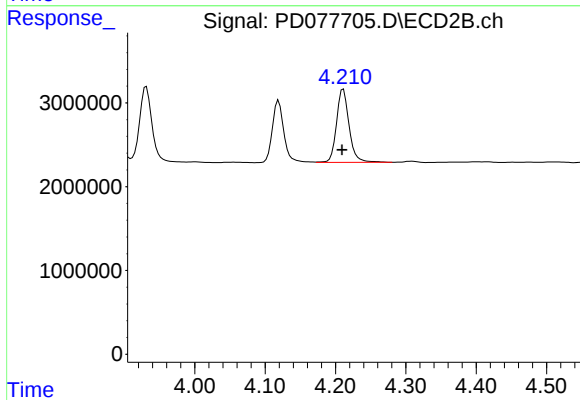
R.T.: 3.931 min  
Delta R.T.: 0.000 min  
Response: 10913406  
Conc: 4.91 ng/ml



#5 Aldrin

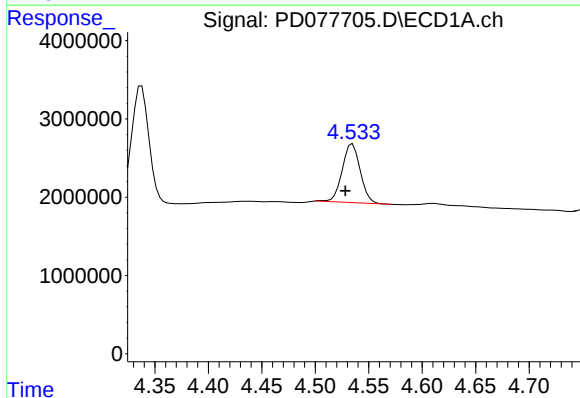
R.T.: 5.271 min  
Delta R.T.: 0.007 min  
Response: 20201804  
Conc: 4.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



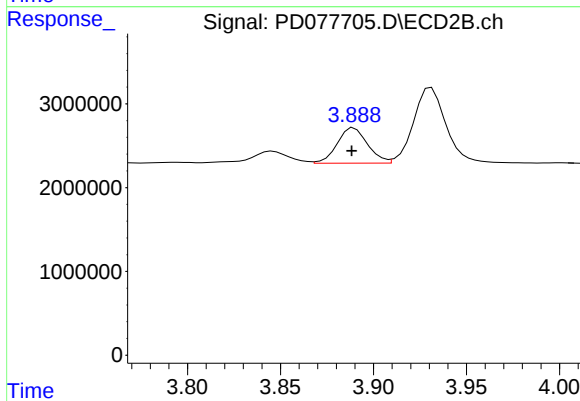
#5 Aldrin

R.T.: 4.211 min  
Delta R.T.: 0.002 min  
Response: 10882600  
Conc: 4.86 ng/ml



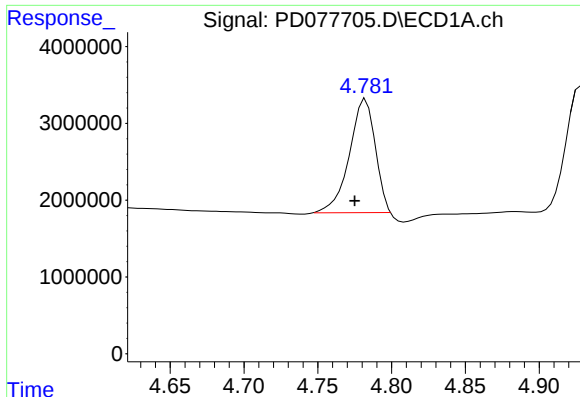
#6 beta-BHC

R.T.: 4.535 min  
Delta R.T.: 0.007 min  
Response: 8734540  
Conc: 4.75 ng/ml



#6 beta-BHC

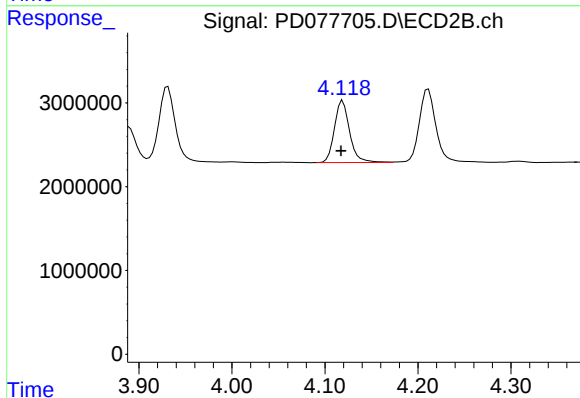
R.T.: 3.890 min  
Delta R.T.: 0.001 min  
Response: 4796052  
Conc: 4.85 ng/ml



#7 delta-BHC

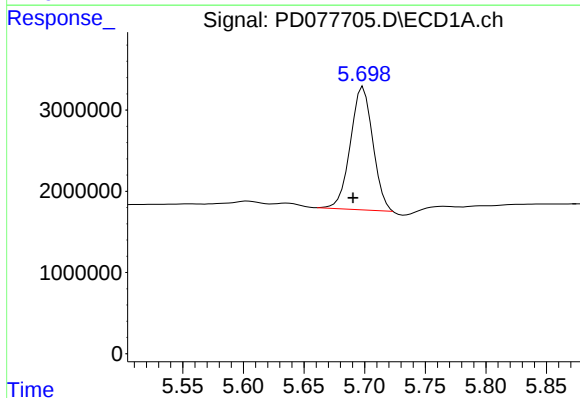
R.T.: 4.782 min  
Delta R.T.: 0.007 min  
Response: 18016974  
Conc: 4.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



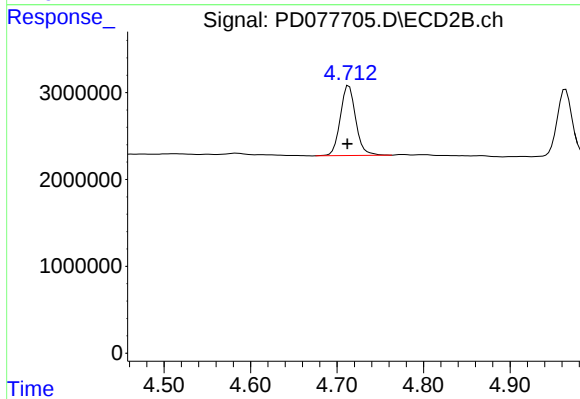
#7 delta-BHC

R.T.: 4.119 min  
Delta R.T.: 0.002 min  
Response: 8405556  
Conc: 3.77 ng/ml



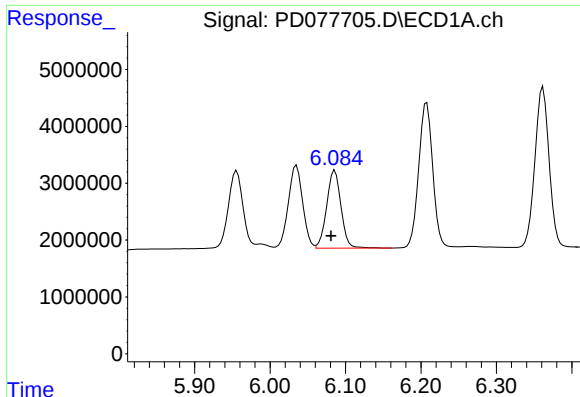
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: 0.008 min  
Response: 19437337  
Conc: 5.03 ng/ml



#8 Heptachlor epoxide

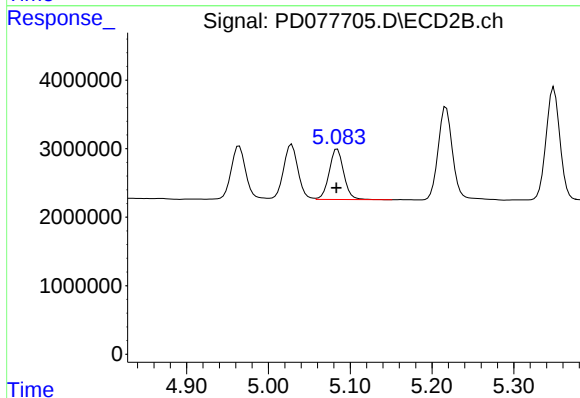
R.T.: 4.714 min  
Delta R.T.: 0.002 min  
Response: 9857936  
Conc: 4.69 ng/ml



#9 Endosulfan I

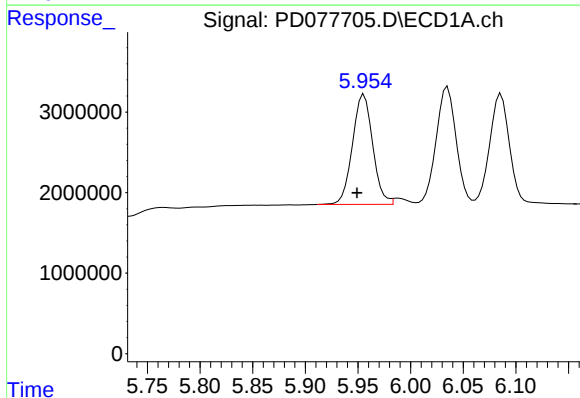
R.T.: 6.086 min  
Delta R.T.: 0.005 min  
Response: 18032096  
Conc: 5.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



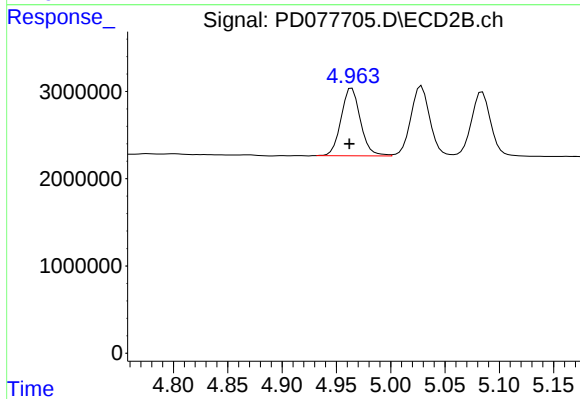
#9 Endosulfan I

R.T.: 5.084 min  
Delta R.T.: 0.001 min  
Response: 9121332  
Conc: 5.08 ng/ml



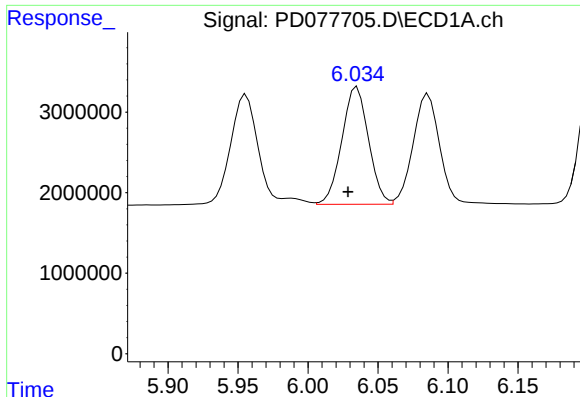
#10 trans-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.007 min  
Response: 18341351  
Conc: 4.93 ng/ml



#10 trans-Chlordane

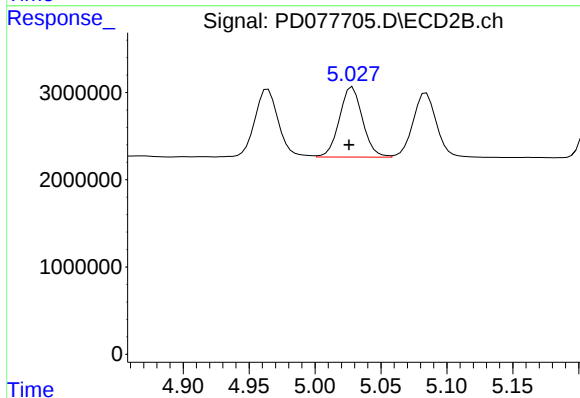
R.T.: 4.964 min  
Delta R.T.: 0.002 min  
Response: 9603680  
Conc: 4.81 ng/ml



#11 cis-Chlordane

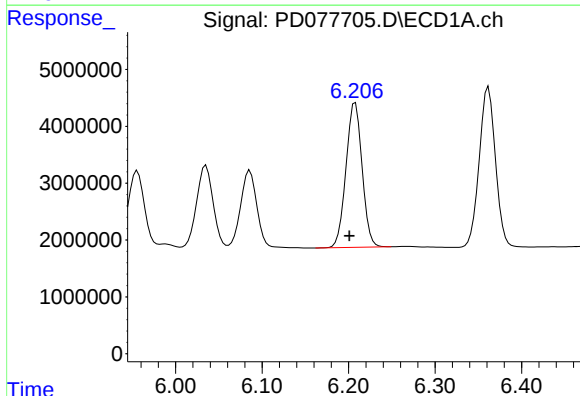
R.T.: 6.035 min  
Delta R.T.: 0.006 min  
Response: 19322245  
Conc: 5.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



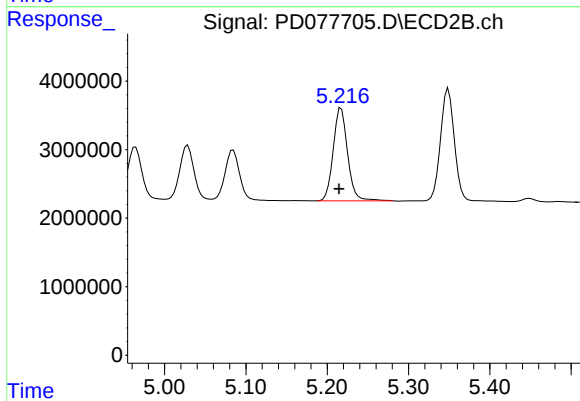
#11 cis-Chlordane

R.T.: 5.028 min  
Delta R.T.: 0.003 min  
Response: 9815595  
Conc: 4.80 ng/ml



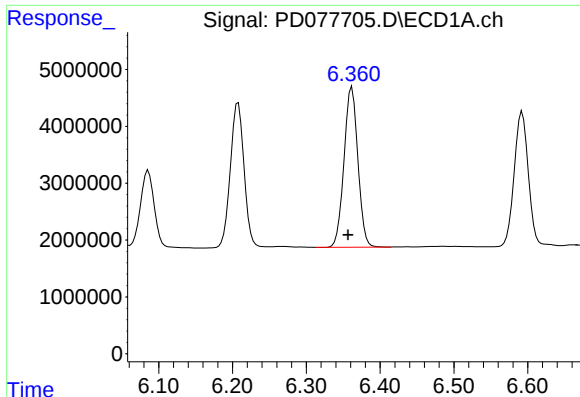
#12 4,4'-DDE

R.T.: 6.208 min  
Delta R.T.: 0.007 min  
Response: 32748771  
Conc: 9.24 ng/ml



#12 4,4'-DDE

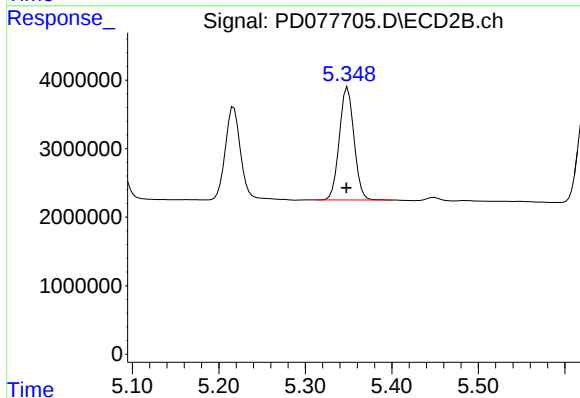
R.T.: 5.217 min  
Delta R.T.: 0.002 min  
Response: 16679406  
Conc: 8.78 ng/ml



#13 Dieldrin

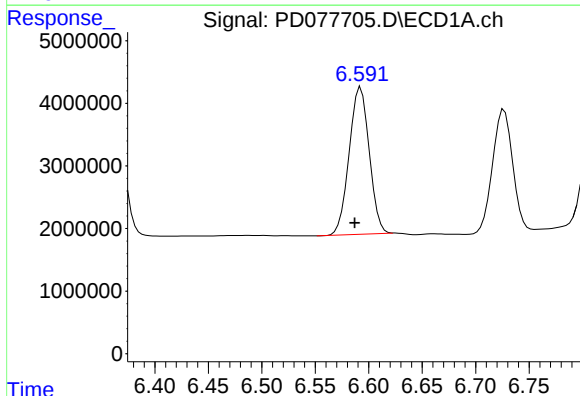
R.T.: 6.362 min  
Delta R.T.: 0.005 min  
Response: 36717104  
Conc: 9.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



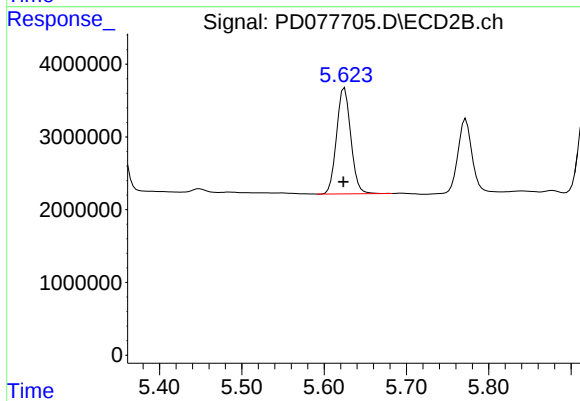
#13 Dieldrin

R.T.: 5.349 min  
Delta R.T.: 0.002 min  
Response: 19268294  
Conc: 9.32 ng/ml



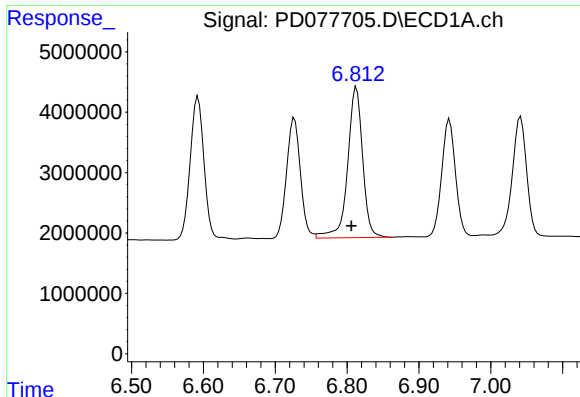
#14 Endrin

R.T.: 6.593 min  
Delta R.T.: 0.006 min  
Response: 30751096  
Conc: 9.97 ng/ml



#14 Endrin

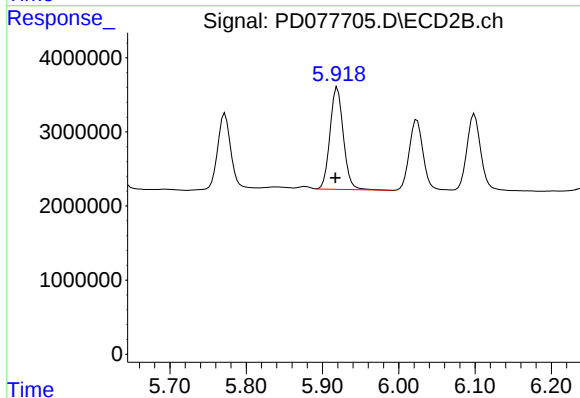
R.T.: 5.625 min  
Delta R.T.: 0.001 min  
Response: 17505644  
Conc: 9.57 ng/ml



#15 Endosulfan II

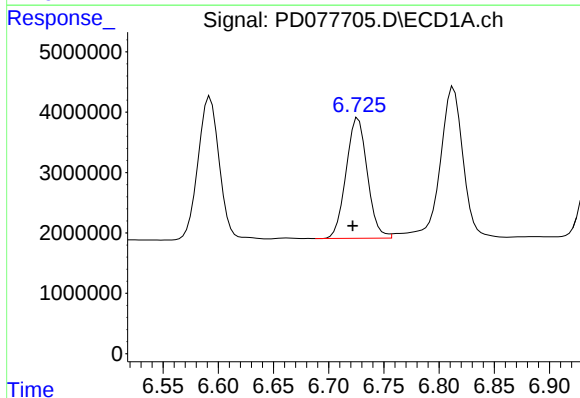
R.T.: 6.813 min  
Delta R.T.: 0.007 min  
Response: 36141609  
Conc: 10.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



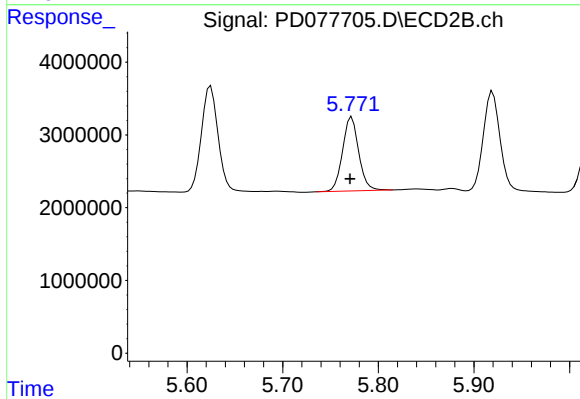
#15 Endosulfan II

R.T.: 5.920 min  
Delta R.T.: 0.003 min  
Response: 16733917  
Conc: 9.25 ng/ml



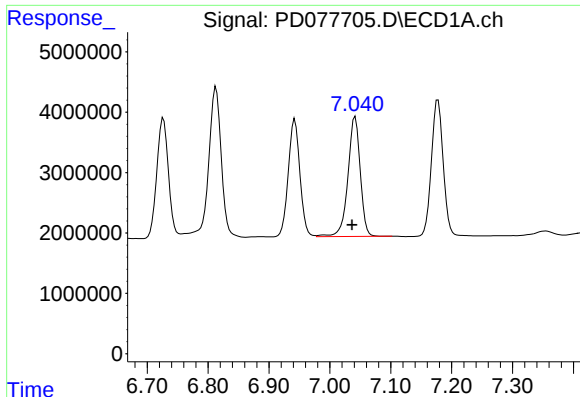
#16 4,4'-DDD

R.T.: 6.727 min  
Delta R.T.: 0.005 min  
Response: 26653211  
Conc: 10.02 ng/ml



#16 4,4'-DDD

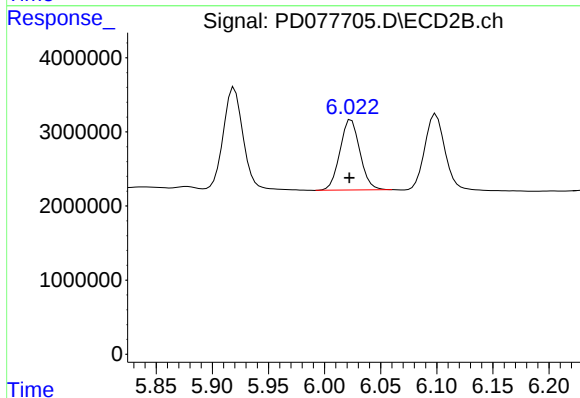
R.T.: 5.772 min  
Delta R.T.: 0.002 min  
Response: 12001237  
Conc: 8.92 ng/ml



#17 4,4'-DDT

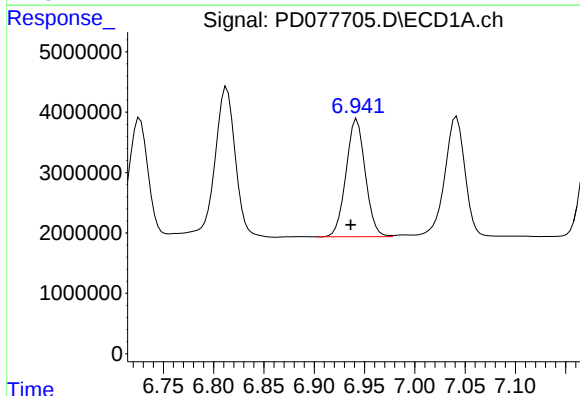
R.T.: 7.042 min  
Delta R.T.: 0.005 min  
Response: 27876807  
Conc: 10.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



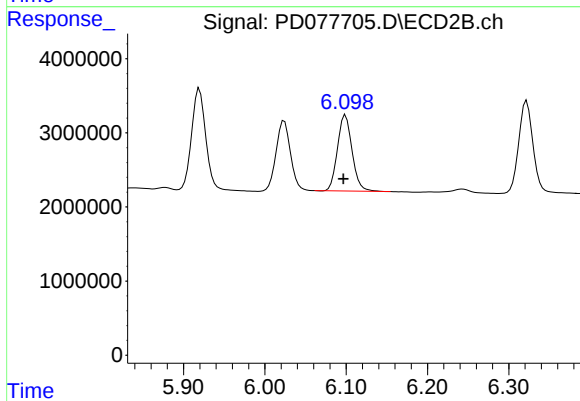
#17 4,4'-DDT

R.T.: 6.024 min  
Delta R.T.: 0.002 min  
Response: 11774326  
Conc: 8.33 ng/ml



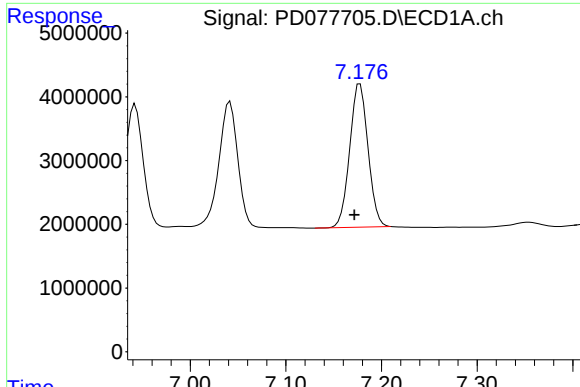
#18 Endrin aldehyde

R.T.: 6.943 min  
Delta R.T.: 0.006 min  
Response: 25877823  
Conc: 9.96 ng/ml



#18 Endrin aldehyde

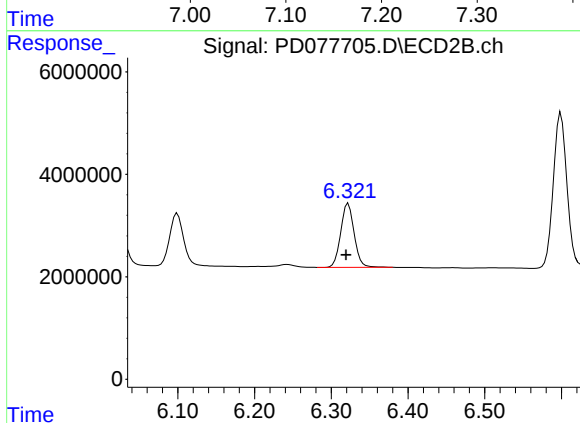
R.T.: 6.099 min  
Delta R.T.: 0.003 min  
Response: 12810085  
Conc: 9.11 ng/ml



#19 Endosulfan Sulfate

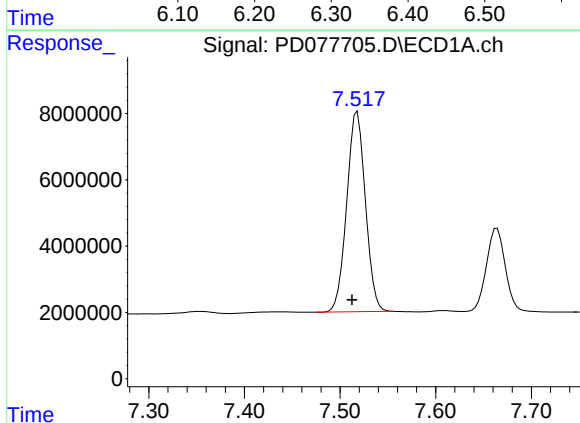
R.T.: 7.178 min  
Delta R.T.: 0.006 min  
Response: 30006467  
Conc: 9.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



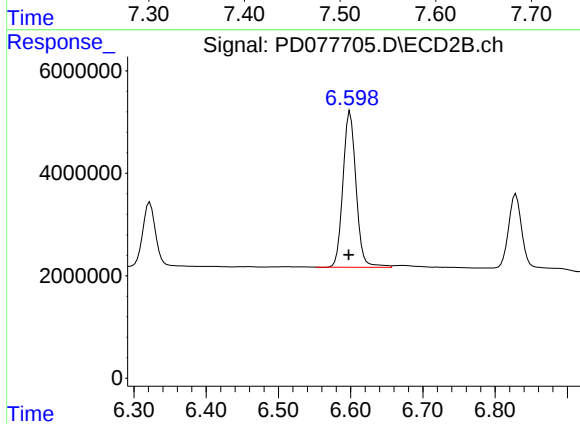
#19 Endosulfan Sulfate

R.T.: 6.322 min  
Delta R.T.: 0.003 min  
Response: 15212629  
Conc: 9.21 ng/ml



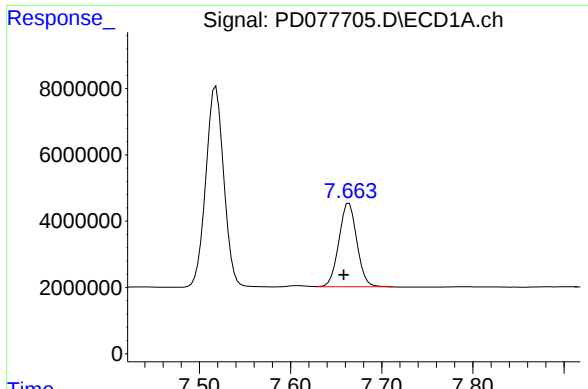
#20 Methoxychlor

R.T.: 7.518 min  
Delta R.T.: 0.005 min  
Response: 82236108  
Conc: 52.73 ng/ml



#20 Methoxychlor

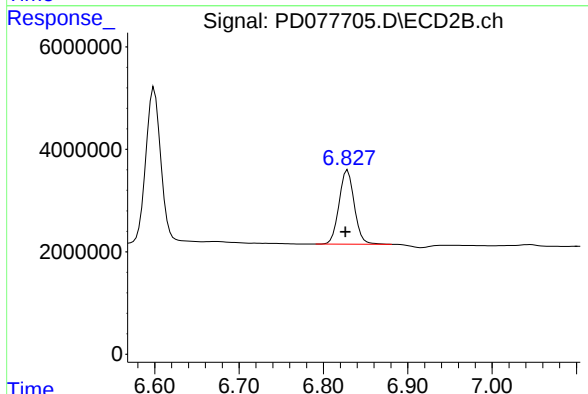
R.T.: 6.599 min  
Delta R.T.: 0.002 min  
Response: 38152684  
Conc: 48.89 ng/ml



#21 Endrin ketone

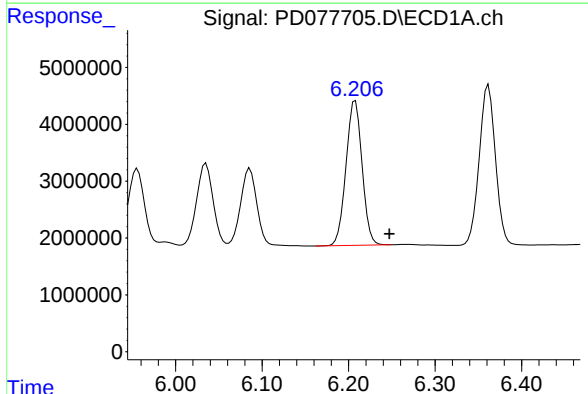
R.T.: 7.664 min  
Delta R.T.: 0.006 min  
Response: 34572883  
Conc: 10.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



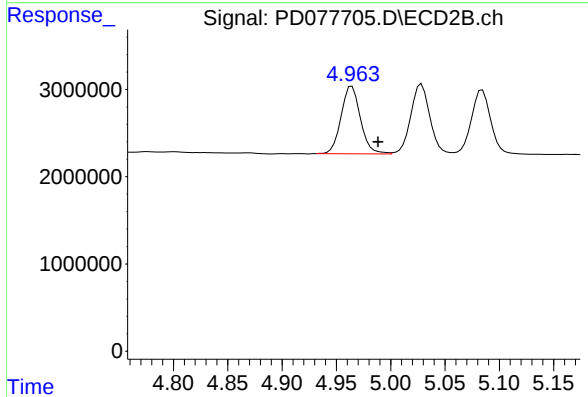
#21 Endrin ketone

R.T.: 6.829 min  
Delta R.T.: 0.003 min  
Response: 18105571  
Conc: 9.45 ng/ml



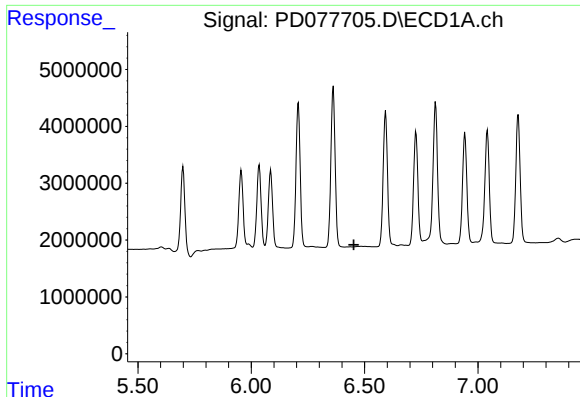
#22 Toxaphene-1

R.T.: 6.208 min  
Delta R.T.: -0.040 min  
Response: 32748771  
Conc: 1227.34 ng/ml



#22 Toxaphene-1

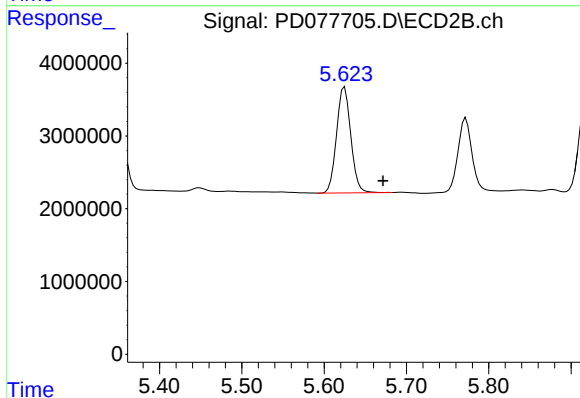
R.T.: 4.964 min  
Delta R.T.: -0.024 min  
Response: 9603680  
Conc: 920.09 ng/ml



#23 Toxaphene-2

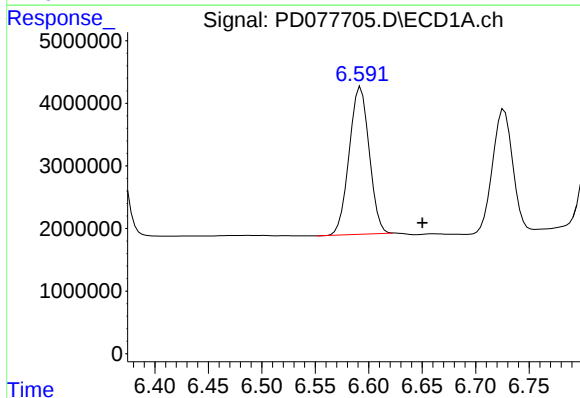
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



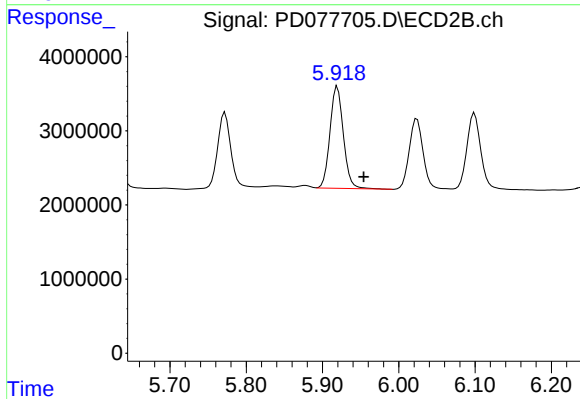
#23 Toxaphene-2

R.T.: 5.625 min  
Delta R.T.: -0.047 min  
Response: 17505644  
Conc: 1451.69 ng/ml



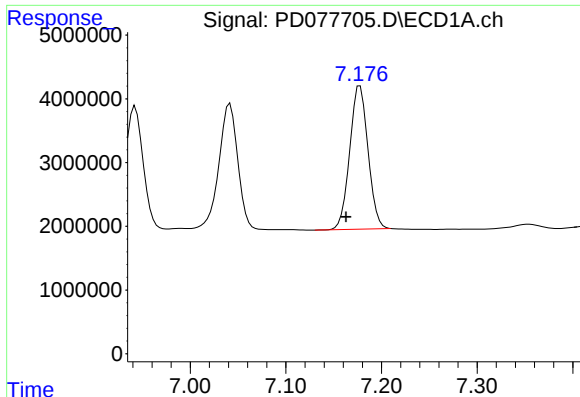
#24 Toxaphene-3

R.T.: 6.593 min  
Delta R.T.: -0.058 min  
Response: 30751096  
Conc: 1332.14 ng/ml



#24 Toxaphene-3

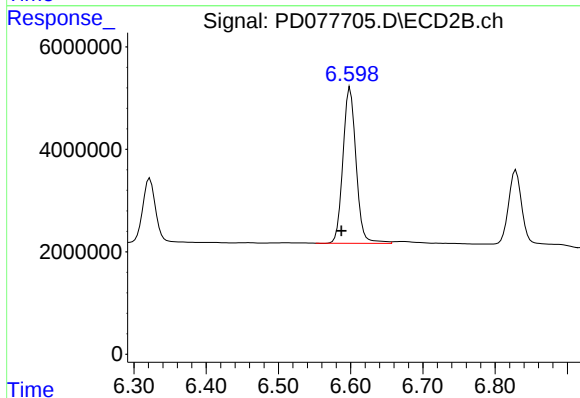
R.T.: 5.920 min  
Delta R.T.: -0.035 min  
Response: 16733917  
Conc: 1226.98 ng/ml



#25 Toxaphene-4

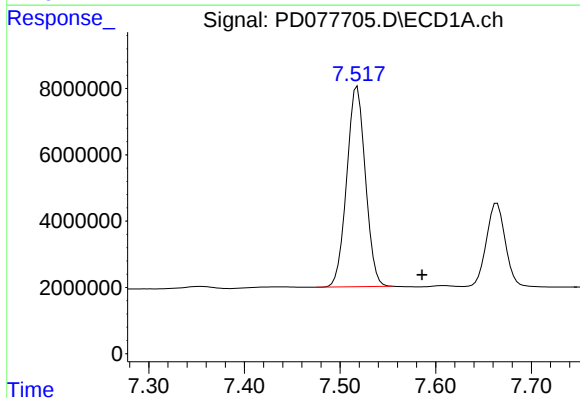
R.T.: 7.178 min  
Delta R.T.: 0.015 min  
Response: 30006467  
Conc: 417.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



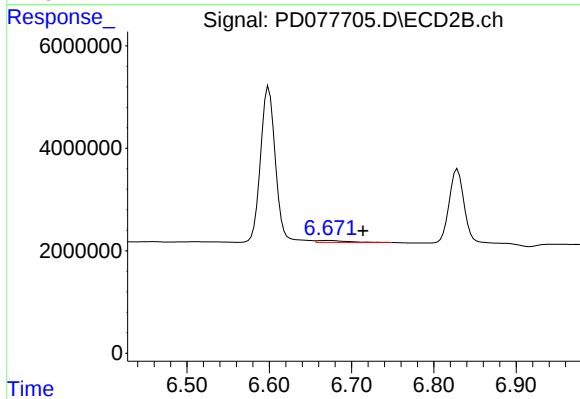
#25 Toxaphene-4

R.T.: 6.599 min  
Delta R.T.: 0.012 min  
Response: 38152684  
Conc: 988.62 ng/ml



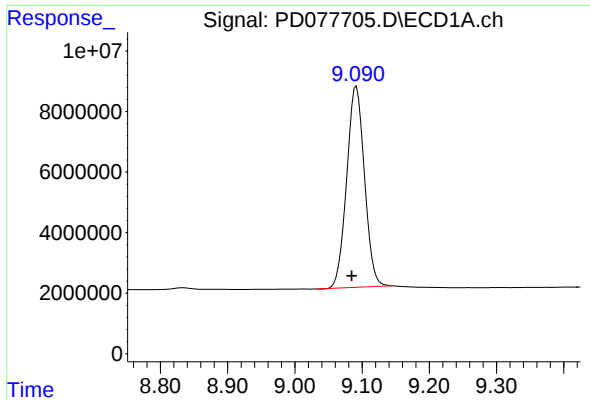
#26 Toxaphene-5

R.T.: 7.518 min  
Delta R.T.: -0.068 min  
Response: 82236108  
Conc: 1578.05 ng/ml



#26 Toxaphene-5

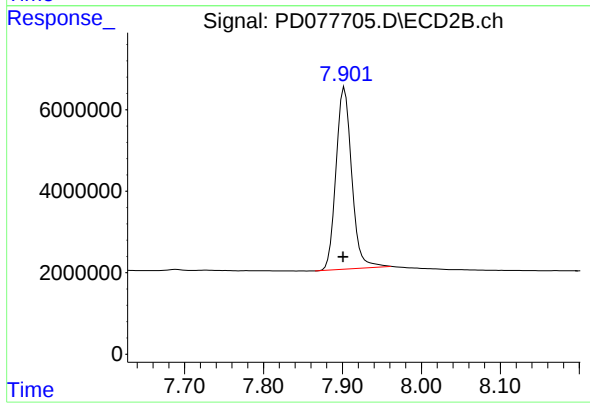
R.T.: 6.673 min  
Delta R.T.: -0.041 min  
Response: 882775  
Conc: 15.90 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: 0.007 min  
Response: 122052410  
Conc: 39.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.903 min  
Delta R.T.: 0.002 min  
Response: 61736008  
Conc: 38.12 ng/ml