

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090723\  
 Data File : PD077741.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Sep 2023 11:56  
 Operator : AR\AJ  
 Sample : PB155324BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 08 00:31:41 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

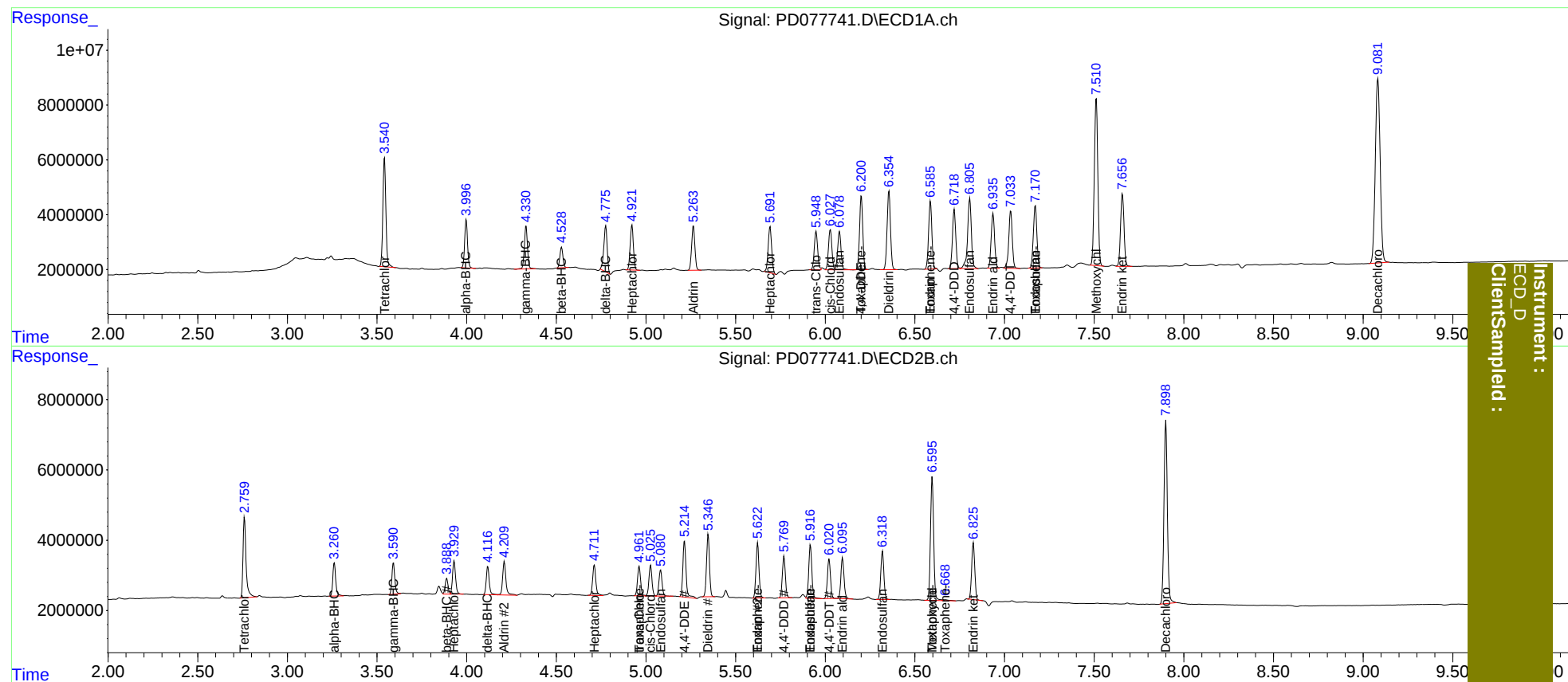
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.542  | 2.761  | 46457156 | 27053631 | 18.307   | 18.306     |
| 27)                         | SA Decachlor... | 9.082  | 7.900  | 127.0E6  | 68435456 | 40.646   | 42.257     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.998  | 3.262  | 20013574 | 10787013 | 4.674    | 4.759      |
| 3)                          | MA gamma-BHC... | 4.331  | 3.592  | 19091081 | 9995941  | 4.722    | 4.630      |
| 4)                          | MA Heptachlor   | 4.922  | 3.930  | 20622229 | 11172423 | 4.935    | 5.025      |
| 5)                          | MB Aldrin       | 5.265  | 4.210  | 20527601 | 12079738 | 4.917    | 5.389      |
| 6)                          | B beta-BHC      | 4.529  | 3.889  | 8852606  | 5120981  | 4.819    | 5.183      |
| 7)                          | B delta-BHC     | 4.776  | 4.118  | 21685019 | 9279750  | 5.400    | 4.163      |
| 8)                          | B Heptachlo...  | 5.692  | 4.712  | 22792963 | 10791940 | 5.898    | 5.138      |
| 9)                          | A Endosulfan I  | 6.079  | 5.082  | 18269082 | 8966921  | 5.443    | 4.996      |
| 10)                         | B trans-Chl...  | 5.949  | 4.962  | 18308732 | 10069490 | 4.917    | 5.042      |
| 11)                         | B cis-Chlor...  | 6.028  | 5.026  | 19438026 | 10268142 | 5.044    | 5.021      |
| 12)                         | B 4,4'-DDE      | 6.201  | 5.215  | 33784984 | 19886709 | 9.530    | 10.469     |
| 13)                         | MA Dieldrin     | 6.356  | 5.347  | 37617427 | 20273521 | 10.050   | 9.811      |
| 14)                         | MA Endrin       | 6.587  | 5.623  | 31650703 | 18418370 | 10.259   | 10.074     |
| 15)                         | B Endosulfa...  | 6.806  | 5.917  | 37521160 | 18331302 | 11.332   | 10.130     |
| 16)                         | A 4,4'-DDD      | 6.720  | 5.770  | 27742365 | 13888658 | 10.430   | 10.319     |
| 17)                         | MA 4,4'-DDT     | 7.035  | 6.022  | 28738229 | 13594641 | 10.489   | 9.619      |
| 18)                         | B Endrin al...  | 6.936  | 6.096  | 26550329 | 14166857 | 10.217   | 10.071     |
| 19)                         | B Endosulfa...  | 7.172  | 6.319  | 30971109 | 16475316 | 10.220   | 9.971      |
| 20)                         | A Methoxychlor  | 7.512  | 6.597  | 83843151 | 43042662 | 53.757   | 55.161     |
| 21)                         | B Endrin ke...  | 7.658  | 6.826  | 35606347 | 19307549 | 10.342   | 10.077     |
| 22)                         | Toxaphene-1     | 6.201f | 4.962  | 33784984 | 10069490 | 1266.177 | 964.715    |
| 23)                         | Toxaphene-2     | 0.000  | 5.623f | 0        | 18418370 | N.D.     | 1527.376   |
| 24)                         | Toxaphene-3     | 6.587f | 5.917f | 31650703 | 18331302 | 1371.107 | 1344.109   |
| 25)                         | Toxaphene-4     | 7.172  | 6.597  | 30971109 | 43042662 | 431.033  | 1115.325 # |
| 26)                         | Toxaphene-5     | 0.000  | 6.669f | 0        | 635401   | N.D.     | 11.448     |
| -----                       |                 |        |        |          |          |          |            |

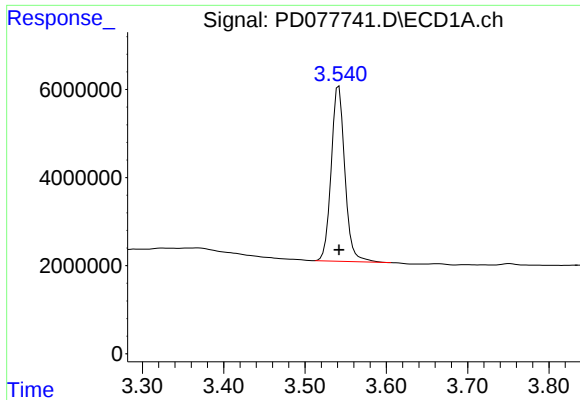
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090723\  
Data File : PD077741.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Sep 2023 11:56  
Operator : AR\AJ  
Sample : PB155324BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 08 00:31:41 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

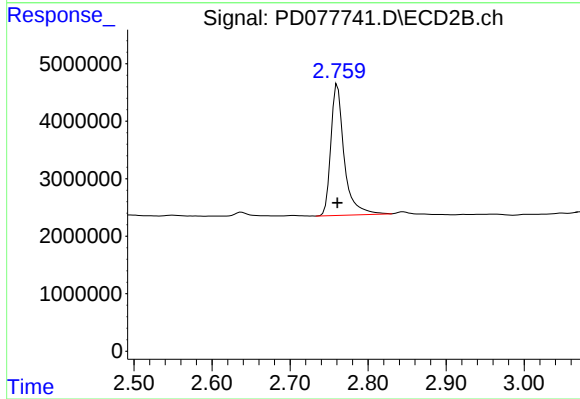




#1 Tetrachloro-m-xylene

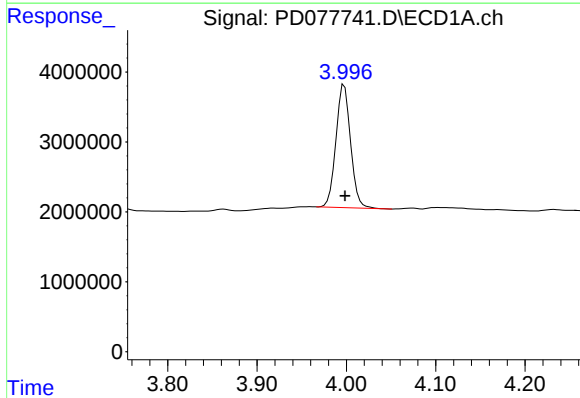
R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 46457156  
Conc: 18.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



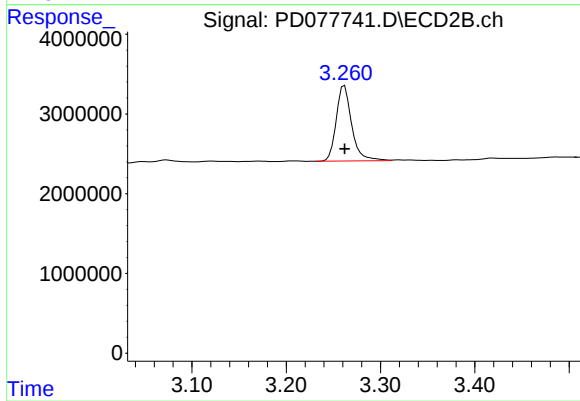
#1 Tetrachloro-m-xylene

R.T.: 2.761 min  
Delta R.T.: 0.000 min  
Response: 27053631  
Conc: 18.31 ng/ml



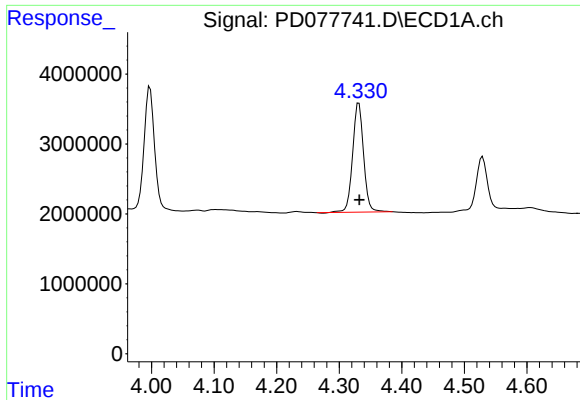
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 20013574  
Conc: 4.67 ng/ml



#2 alpha-BHC

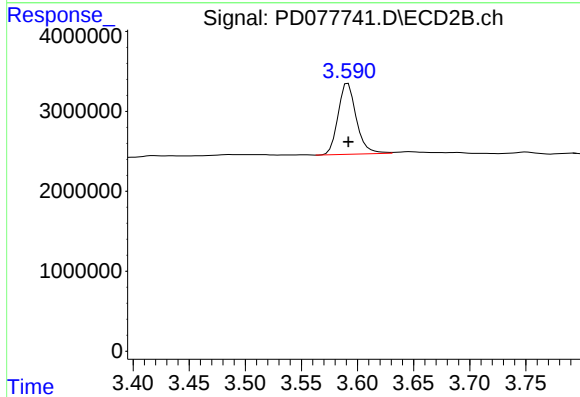
R.T.: 3.262 min  
Delta R.T.: 0.000 min  
Response: 10787013  
Conc: 4.76 ng/ml



#3 gamma-BHC (Lindane)

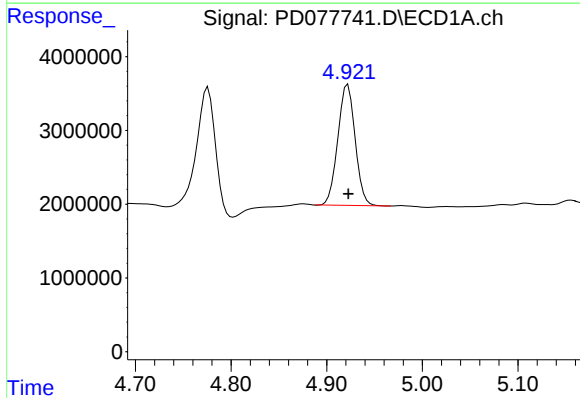
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 19091081  
Conc: 4.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



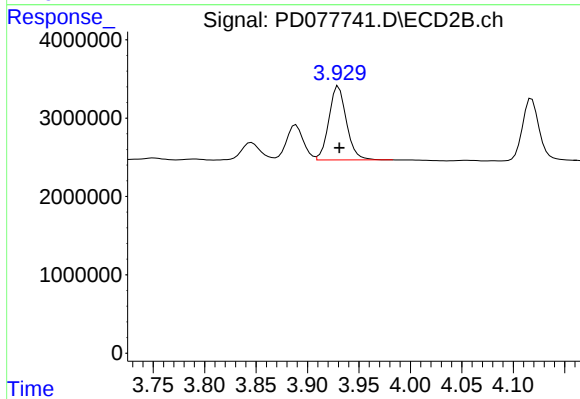
#3 gamma-BHC (Lindane)

R.T.: 3.592 min  
Delta R.T.: 0.000 min  
Response: 9995941  
Conc: 4.63 ng/ml



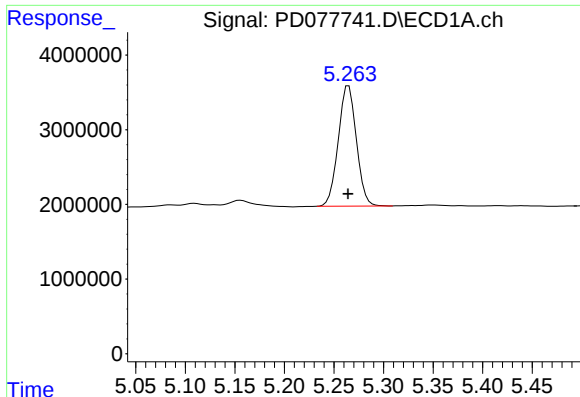
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.000 min  
Response: 20622229  
Conc: 4.93 ng/ml



#4 Heptachlor

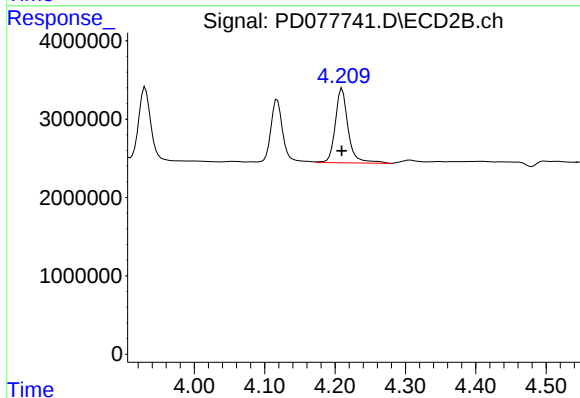
R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 11172423  
Conc: 5.03 ng/ml



#5 Aldrin

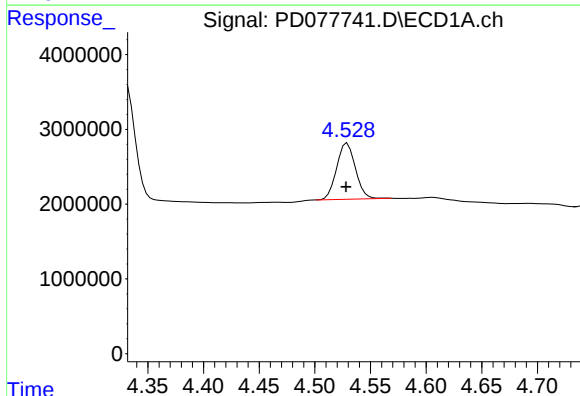
R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 20527601  
Conc: 4.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



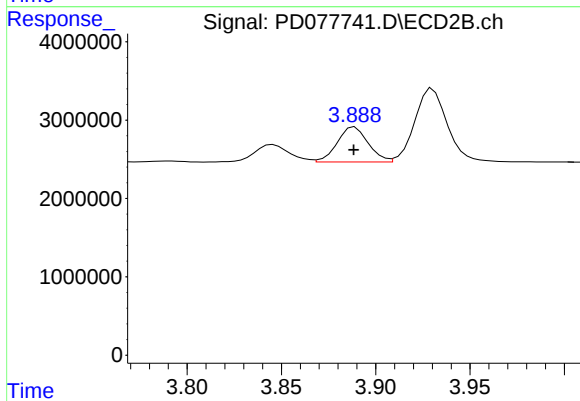
#5 Aldrin

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 12079738  
Conc: 5.39 ng/ml



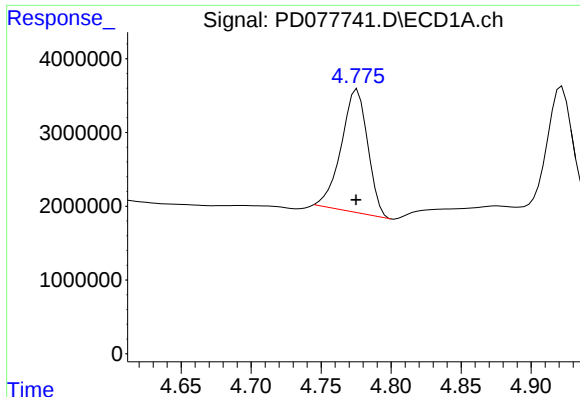
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.001 min  
Response: 8852606  
Conc: 4.82 ng/ml



#6 beta-BHC

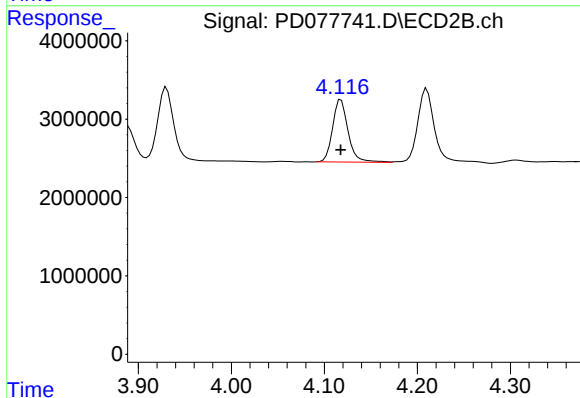
R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 5120981  
Conc: 5.18 ng/ml



#7 delta-BHC

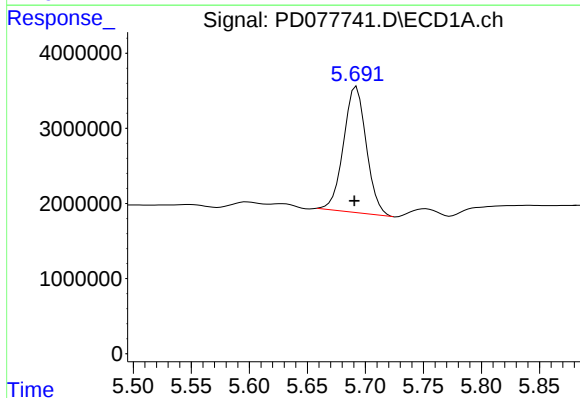
R.T.: 4.776 min  
Delta R.T.: 0.000 min  
Response: 21685019  
Conc: 5.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



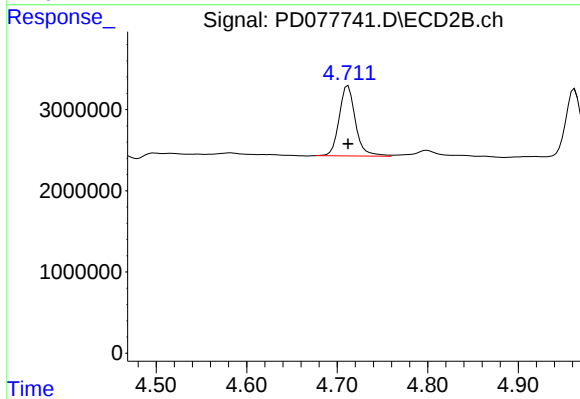
#7 delta-BHC

R.T.: 4.118 min  
Delta R.T.: 0.000 min  
Response: 9279750  
Conc: 4.16 ng/ml



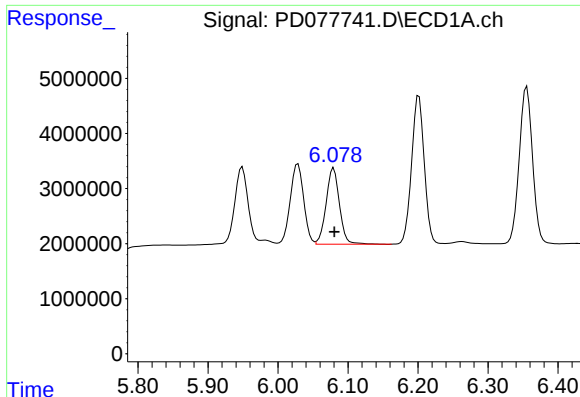
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.002 min  
Response: 22792963  
Conc: 5.90 ng/ml



#8 Heptachlor epoxide

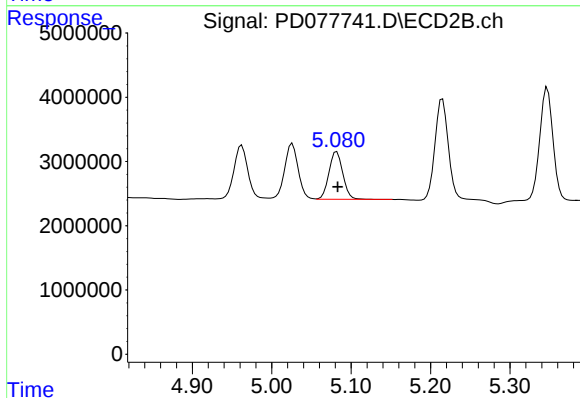
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 10791940  
Conc: 5.14 ng/ml



#9 Endosulfan I

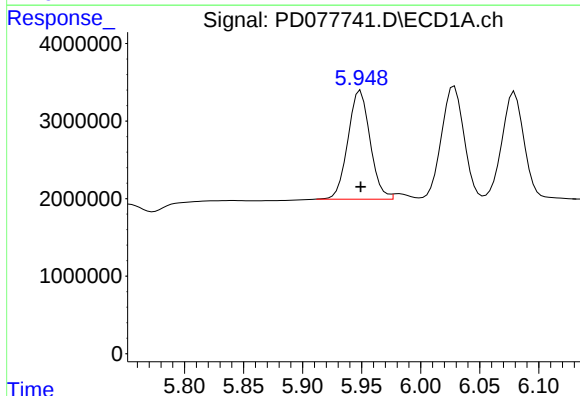
R.T.: 6.079 min  
Delta R.T.: -0.001 min  
Response: 18269082  
Conc: 5.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



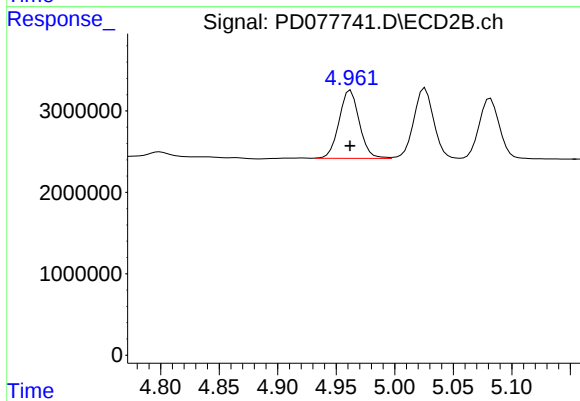
#9 Endosulfan I

R.T.: 5.082 min  
Delta R.T.: -0.001 min  
Response: 8966921  
Conc: 5.00 ng/ml



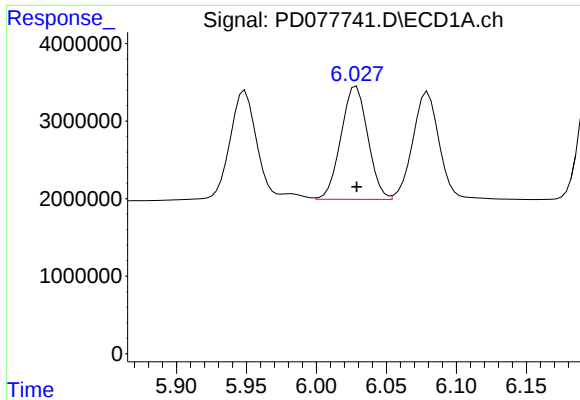
#10 trans-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 18308732  
Conc: 4.92 ng/ml



#10 trans-Chlordane

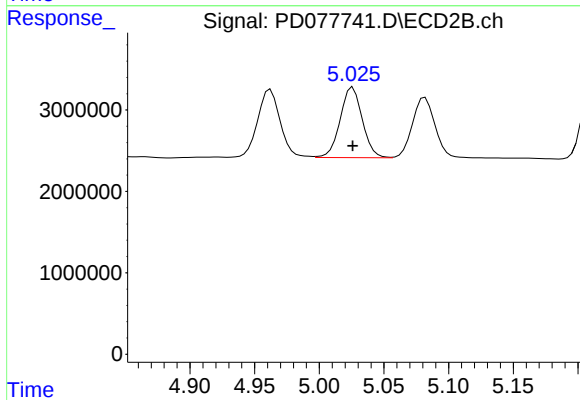
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 10069490  
Conc: 5.04 ng/ml



#11 cis-Chlordane

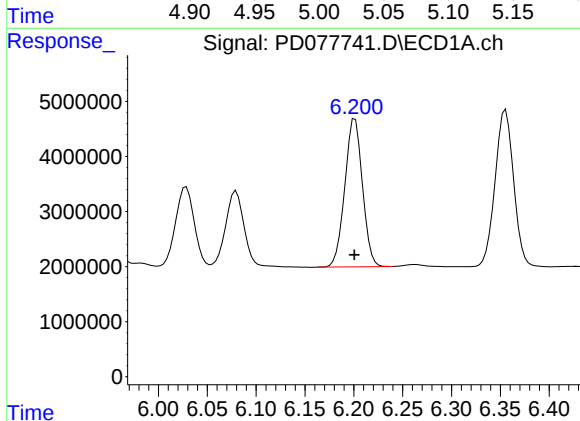
R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 19438026  
Conc: 5.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



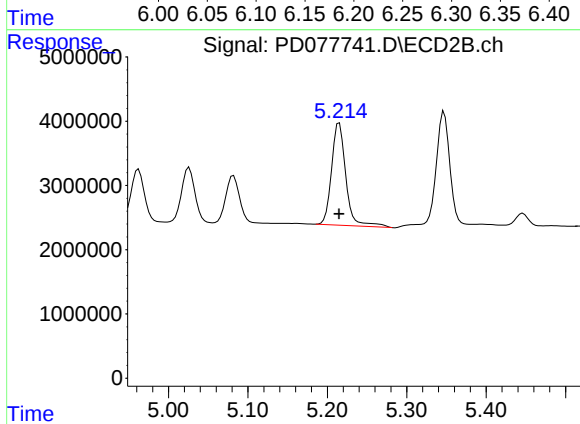
#11 cis-Chlordane

R.T.: 5.026 min  
Delta R.T.: 0.000 min  
Response: 10268142  
Conc: 5.02 ng/ml



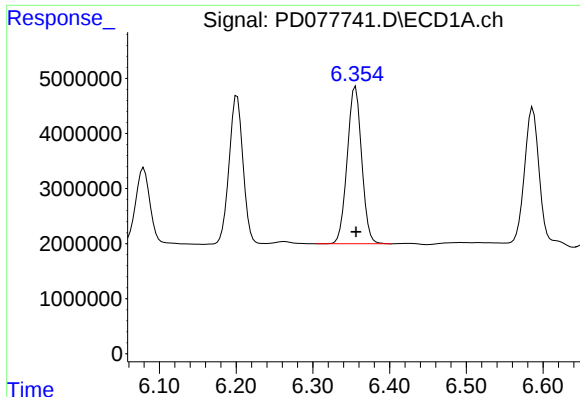
#12 4,4'-DDE

R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 33784984  
Conc: 9.53 ng/ml



#12 4,4'-DDE

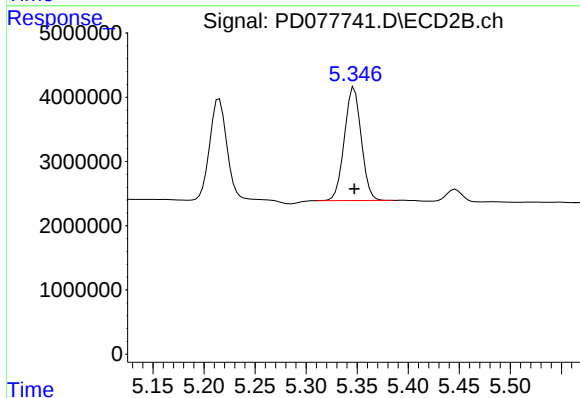
R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 19886709  
Conc: 10.47 ng/ml



#13 Dieldrin

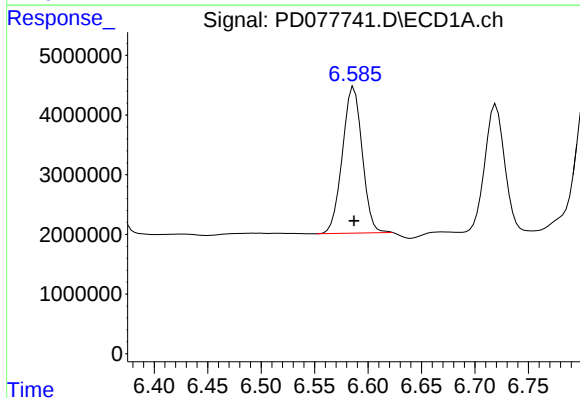
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 37617427  
Conc: 10.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



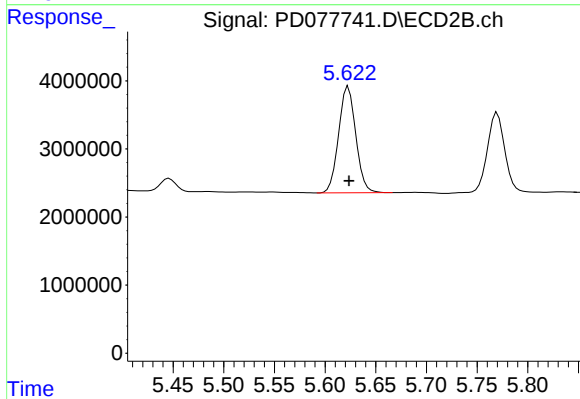
#13 Dieldrin

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 20273521  
Conc: 9.81 ng/ml



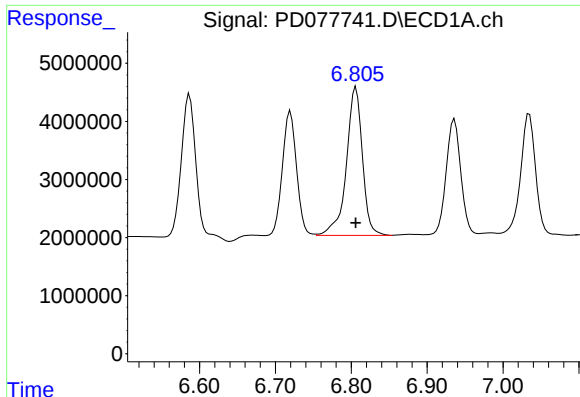
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.000 min  
Response: 31650703  
Conc: 10.26 ng/ml



#14 Endrin

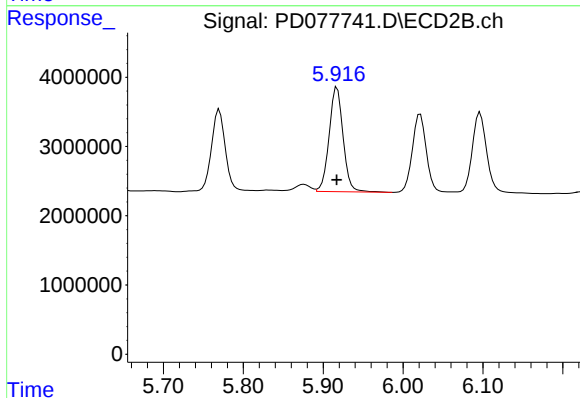
R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 18418370  
Conc: 10.07 ng/ml



#15 Endosulfan II

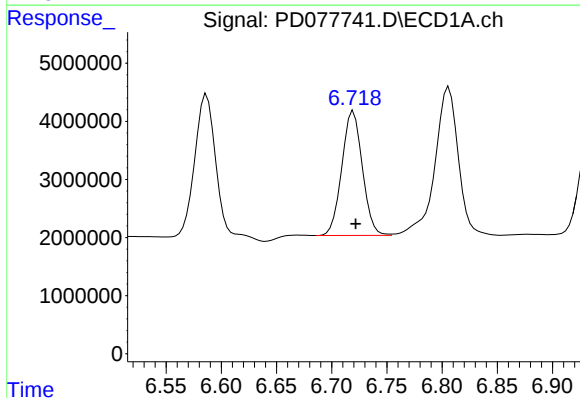
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 37521160  
Conc: 11.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



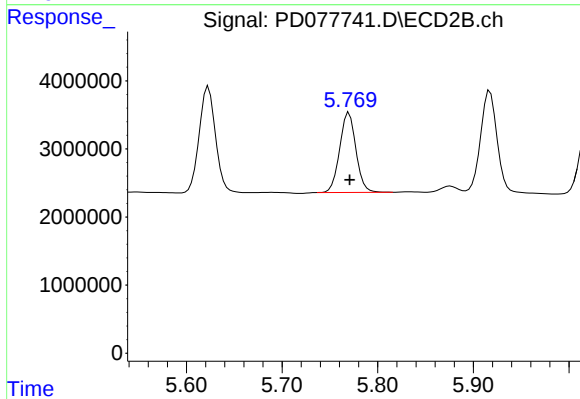
#15 Endosulfan II

R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 18331302  
Conc: 10.13 ng/ml



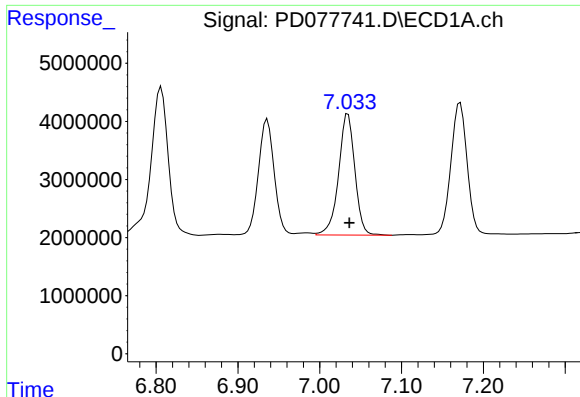
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: -0.002 min  
Response: 27742365  
Conc: 10.43 ng/ml



#16 4,4'-DDD

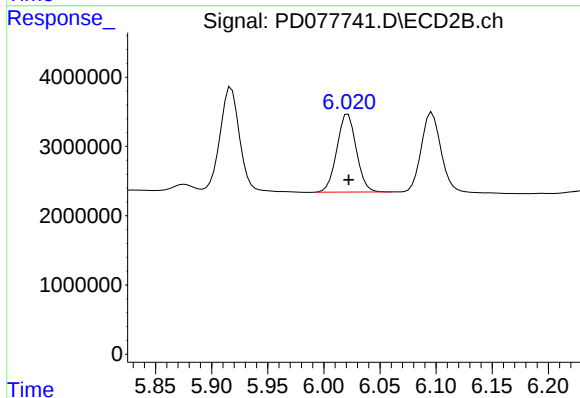
R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 13888658  
Conc: 10.32 ng/ml



#17 4,4'-DDT

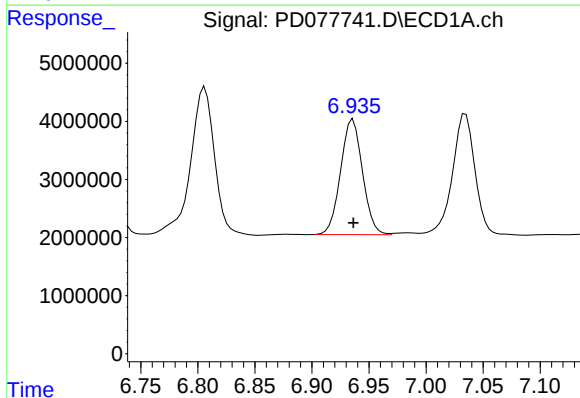
R.T.: 7.035 min  
Delta R.T.: -0.002 min  
Response: 28738229  
Conc: 10.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



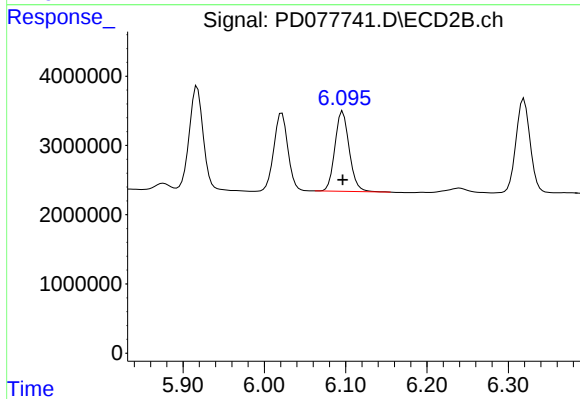
#17 4,4'-DDT

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 13594641  
Conc: 9.62 ng/ml



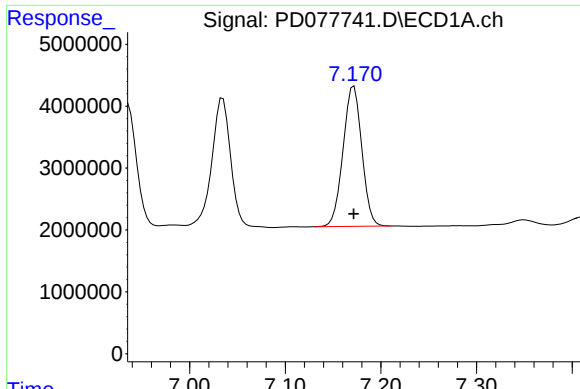
#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 26550329  
Conc: 10.22 ng/ml



#18 Endrin aldehyde

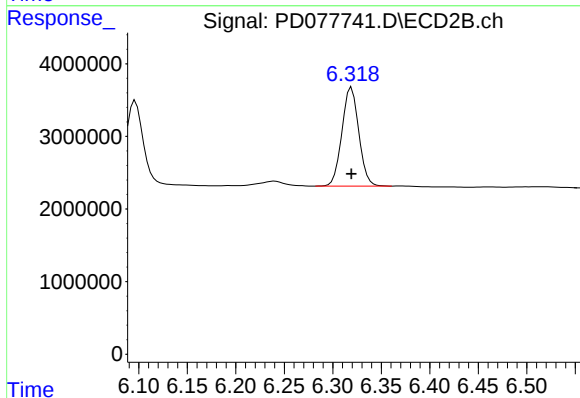
R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 14166857  
Conc: 10.07 ng/ml



#19 Endosulfan Sulfate

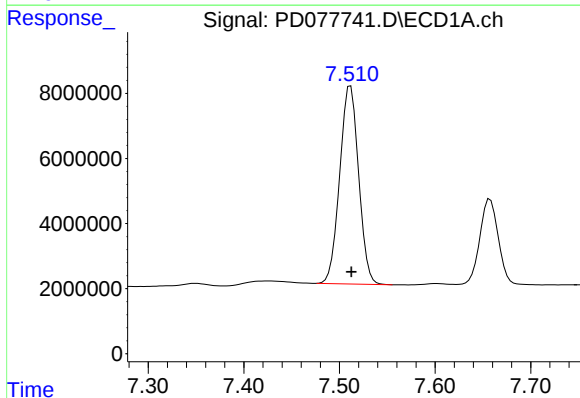
R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 30971109  
Conc: 10.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



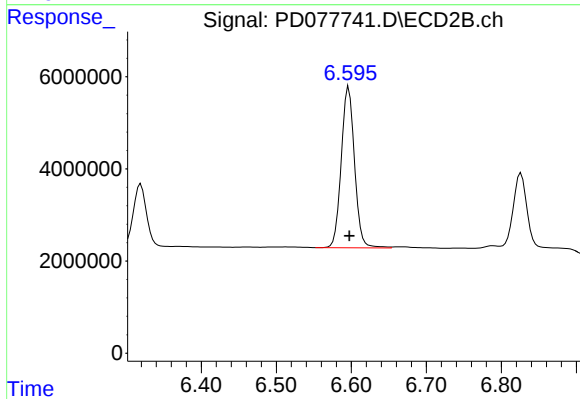
#19 Endosulfan Sulfate

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 16475316  
Conc: 9.97 ng/ml



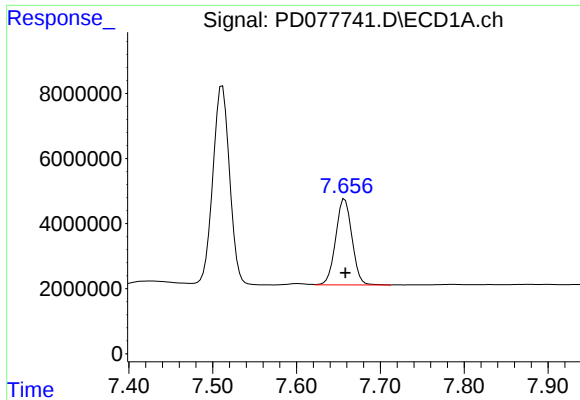
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: -0.001 min  
Response: 83843151  
Conc: 53.76 ng/ml



#20 Methoxychlor

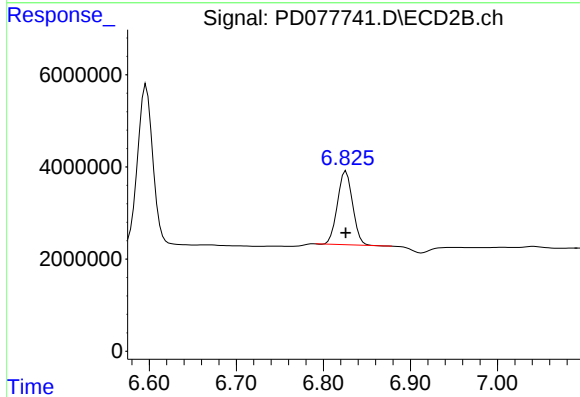
R.T.: 6.597 min  
Delta R.T.: 0.000 min  
Response: 43042662  
Conc: 55.16 ng/ml



#21 Endrin ketone

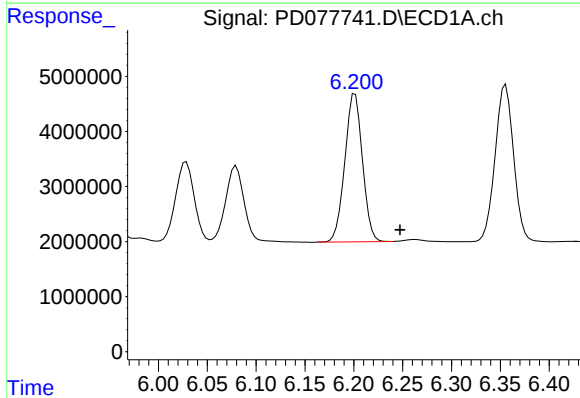
R.T.: 7.658 min  
Delta R.T.: 0.000 min  
Response: 35606347  
Conc: 10.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



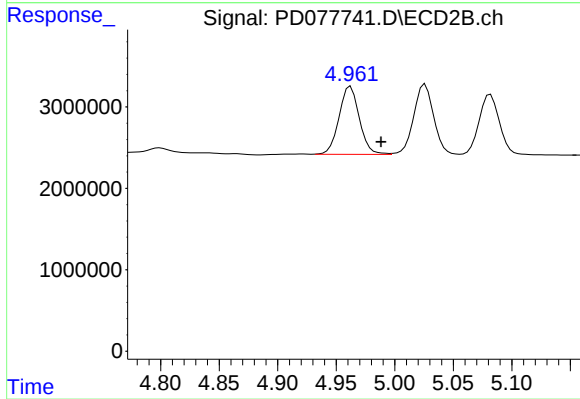
#21 Endrin ketone

R.T.: 6.826 min  
Delta R.T.: 0.000 min  
Response: 19307549  
Conc: 10.08 ng/ml



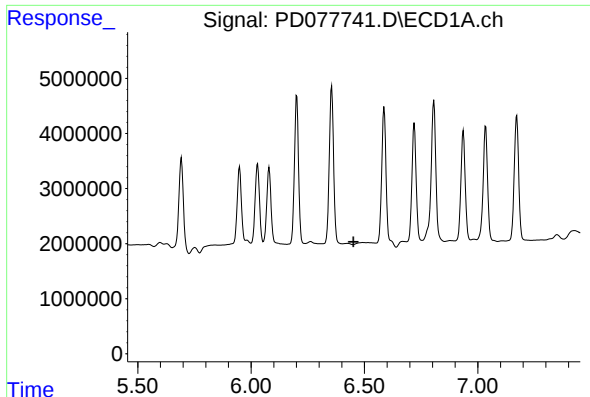
#22 Toxaphene-1

R.T.: 6.201 min  
Delta R.T.: -0.046 min  
Response: 33784984  
Conc: 1266.18 ng/ml



#22 Toxaphene-1

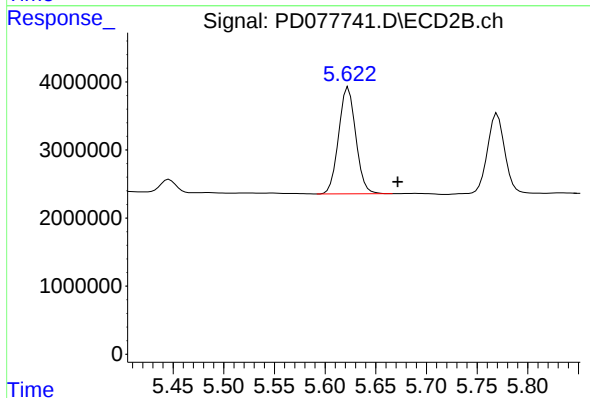
R.T.: 4.962 min  
Delta R.T.: -0.026 min  
Response: 10069490  
Conc: 964.71 ng/ml



#23 Toxaphene-2

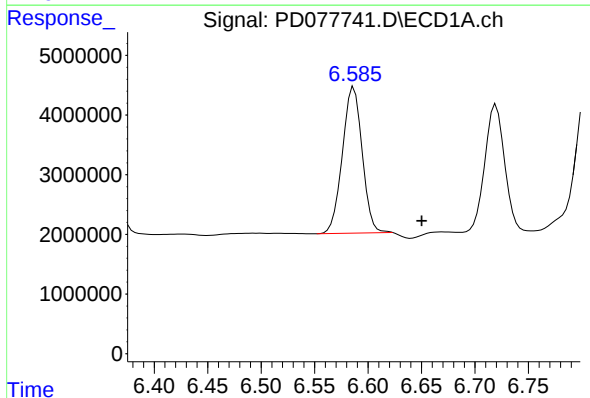
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



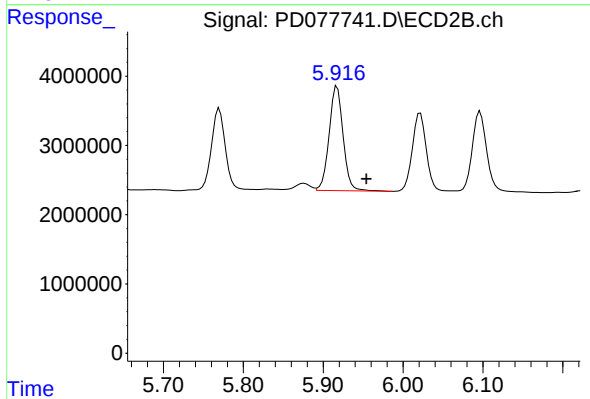
#23 Toxaphene-2

R.T.: 5.623 min  
Delta R.T.: -0.049 min  
Response: 18418370  
Conc: 1527.38 ng/ml



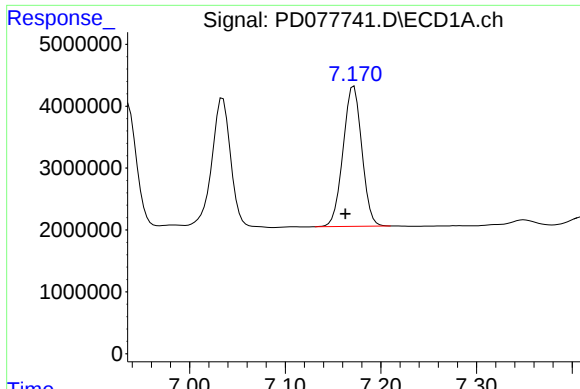
#24 Toxaphene-3

R.T.: 6.587 min  
Delta R.T.: -0.064 min  
Response: 31650703  
Conc: 1371.11 ng/ml



#24 Toxaphene-3

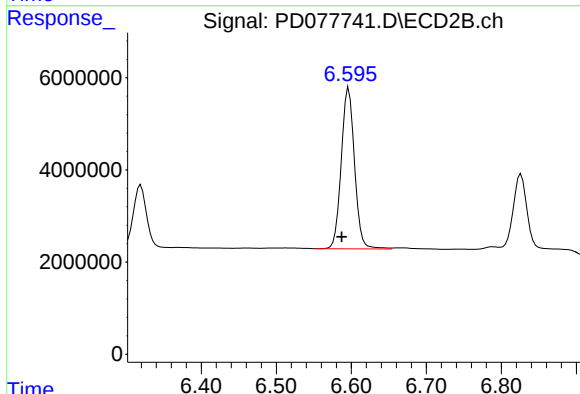
R.T.: 5.917 min  
Delta R.T.: -0.037 min  
Response: 18331302  
Conc: 1344.11 ng/ml



#25 Toxaphene-4

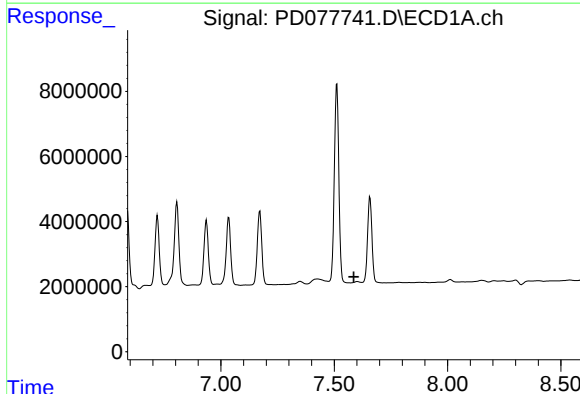
R.T.: 7.172 min  
Delta R.T.: 0.009 min  
Response: 30971109  
Conc: 431.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



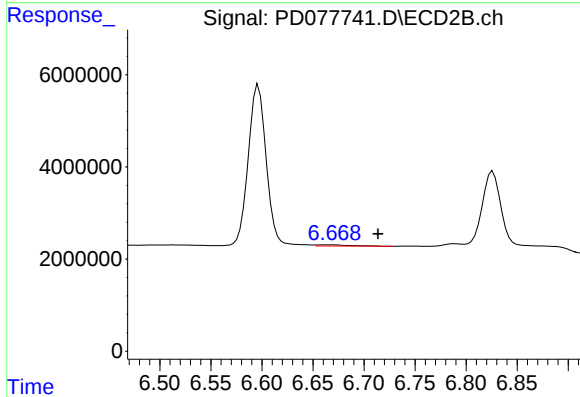
#25 Toxaphene-4

R.T.: 6.597 min  
Delta R.T.: 0.009 min  
Response: 43042662  
Conc: 1115.32 ng/ml



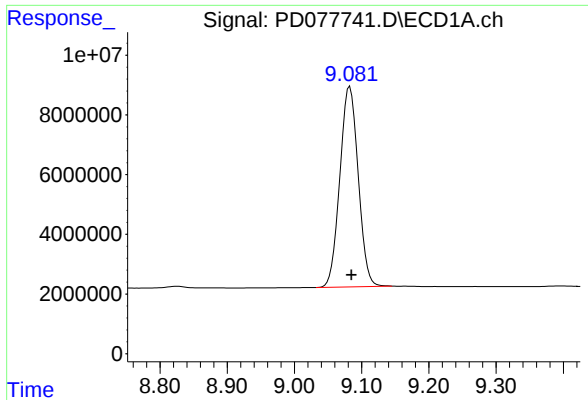
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.586 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

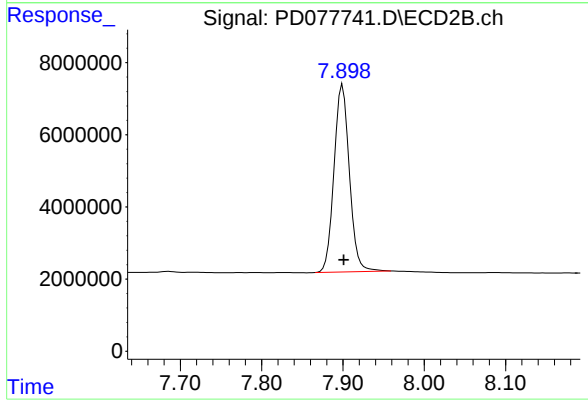
R.T.: 6.669 min  
Delta R.T.: -0.044 min  
Response: 635401  
Conc: 11.45 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.082 min  
Delta R.T.: -0.002 min  
Response: 126975220  
Conc: 40.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: -0.001 min  
Response: 68435456  
Conc: 42.26 ng/ml