

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091423\  
 Data File : PD077934.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2023 17:04  
 Operator : AR\AJ  
 Sample : 04397-02  
 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: Sep 13 22:48:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 01 16:18:56 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... | 3.541  | 2.760  | 32765357 | 21357764 | 12.905 | 13.504  |
| 28)                         | SA Decachlor... | 9.082  | 7.898  | 21851400 | 11584776 | 7.173  | 6.713   |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.256  | 0        | 167605   | N.D.   | 0.072 # |
| 3)                          | MA gamma-BHC... | 4.306f | 3.607  | 479121   | 179691   | 0.121  | 0.080 # |
| 4)                          | MA Heptachlor   | 4.943f | 3.931  | 499335   | 184027   | 0.127  | 0.082 # |
| 5)                          | MB Aldrin       | 5.234f | 0.000  | 661266   | 0        | 0.164  | N.D. #  |
| 6)                          | B beta-BHC      | 4.537  | 0.000  | 1542130  | 0        | 0.956  | N.D. #  |
| 7)                          | B delta-BHC     | 4.765  | 0.000  | 856900   | 0        | 0.232  | N.D. #  |
| 8)                          | B Heptachlo...  | 5.688  | 4.711  | 1033369  | 129056   | 0.289  | 0.064 # |
| 10)                         | B gamma-Chl...  | 5.949  | 4.962  | 3210826  | 1214396  | 0.912  | 0.604 # |
| 11)                         | B alpha-Chl...  | 6.031  | 5.026  | 4228114  | 1757231  | 1.188  | 0.872 # |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.214  | 123323   | 82395    | 0.038  | 0.045   |
| 13)                         | MA Dieldrin     | 6.354  | 5.348  | 420800   | 506613   | 0.118  | 0.248 # |
| 14)                         | MA Endrin       | 0.000  | 5.639f | 0        | 424130   | N.D.   | 0.234 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.919  | 0        | 258042   | N.D.   | 0.151 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.773  | 0        | 95436    | N.D.   | 0.068 # |
| 17)                         | MA 4,4'-DDT     | 7.036  | 6.019  | 216149   | 329109   | 0.083  | 0.233 # |
| 19)                         | B Endosulfa...  | 7.181  | 6.339f | 187548   | 213538   | 0.066  | 0.133 # |
| 21)                         | B Endrin ke...  | 7.675f | 0.000  | 2633392  | 0        | 0.810  | N.D. #  |
| 23)                         | Chlordane-1     | 4.704  | 3.757  | 613458   | 417529   | 5.248  | 7.332 # |
| 24)                         | Chlordane-2     | 5.234  | 4.332  | 661266   | 564630   | 5.181  | 8.865 # |
| 25)                         | Chlordane-3     | 5.949  | 4.962  | 3210826  | 1214396  | 6.391  | 6.190   |
| 26)                         | Chlordane-4     | 6.031  | 5.026  | 4228114  | 1757231  | 6.864  | 9.287 # |
| 27)                         | Chlordane-5     | 0.000  | 5.919  | 0        | 258042   | N.D.   | 4.011 # |
| -----                       |                 |        |        |          |          |        |         |

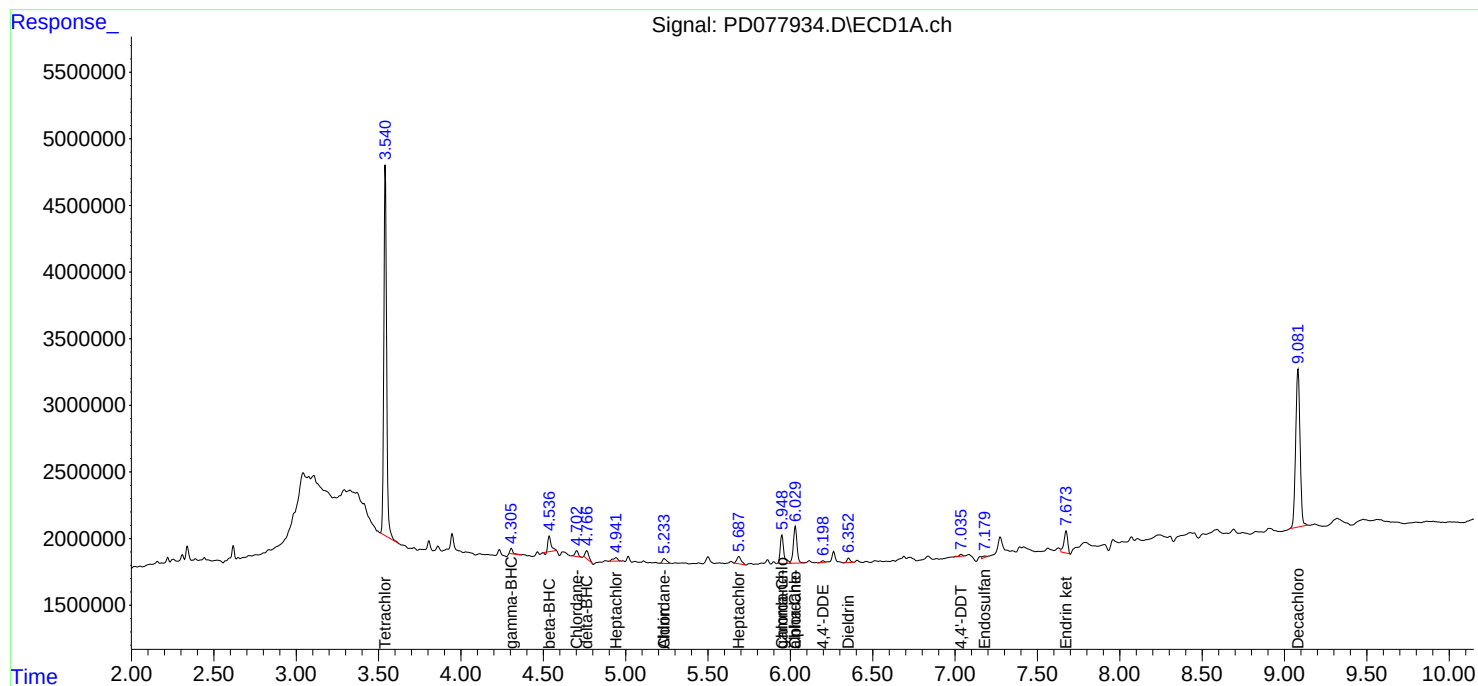
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

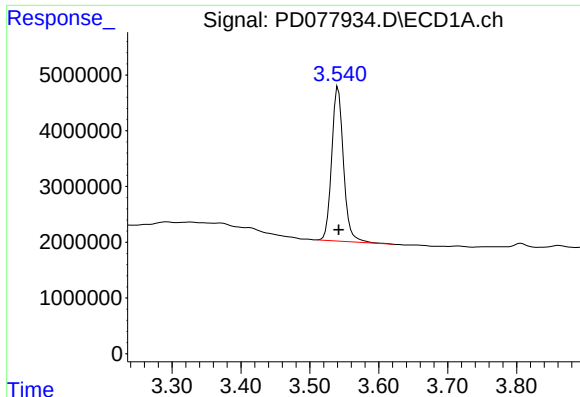
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091423\  
Data File : PD077934.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2023 17:04  
Operator : AR\AJ  
Sample : 04397-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 22:48:54 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090323.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 01 16:18:56 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

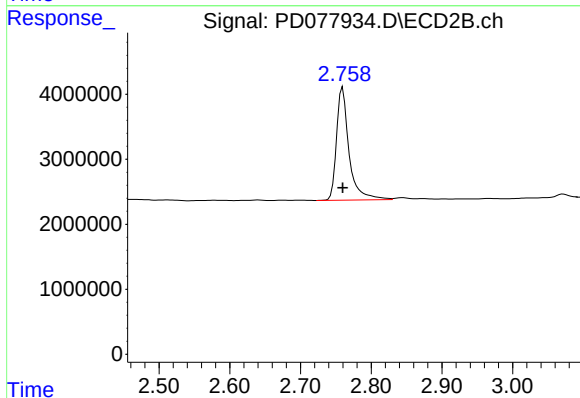




#1 Tetrachloro-m-xylene

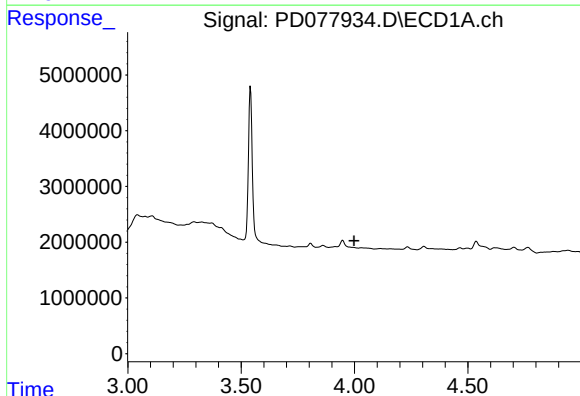
R.T.: 3.541 min  
Delta R.T.: 0.000 min  
Response: 32765357  
Conc: 12.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



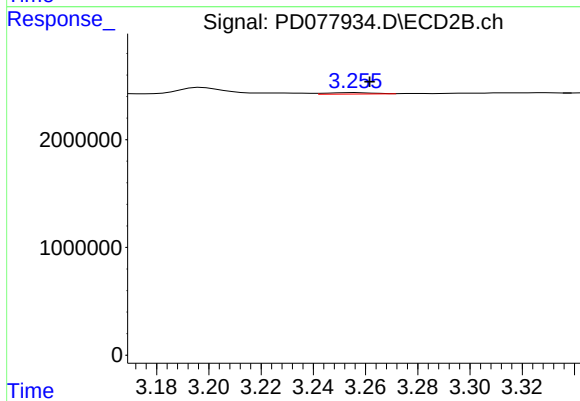
#1 Tetrachloro-m-xylene

R.T.: 2.760 min  
Delta R.T.: 0.000 min  
Response: 21357764  
Conc: 13.50 ng/ml



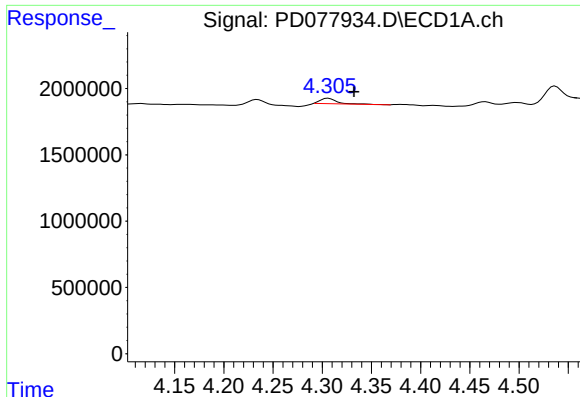
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.999 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

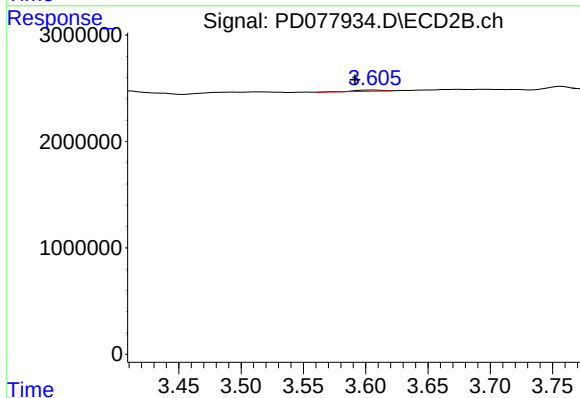
R.T.: 3.256 min  
Delta R.T.: -0.005 min  
Response: 167605  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

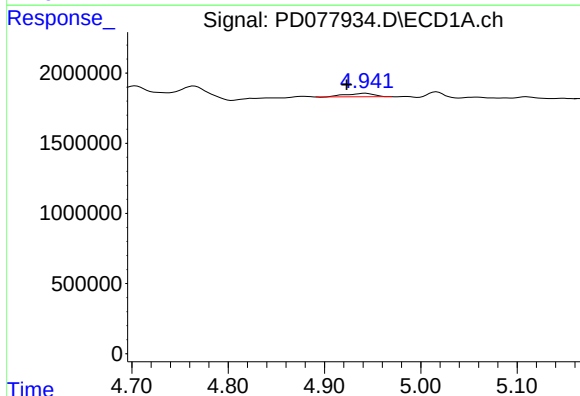
R.T.: 4.306 min  
Delta R.T.: -0.026 min  
Response: 479121  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



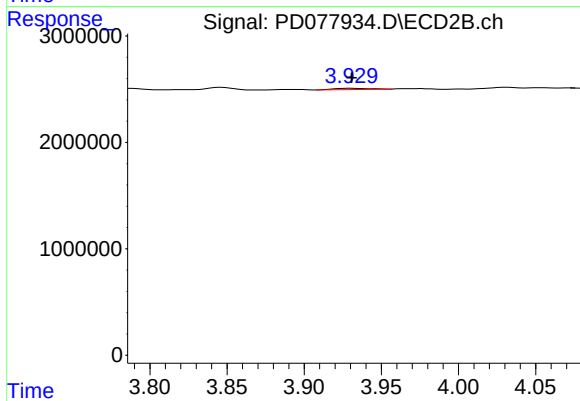
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.015 min  
Response: 179691  
Conc: 0.08 ng/ml



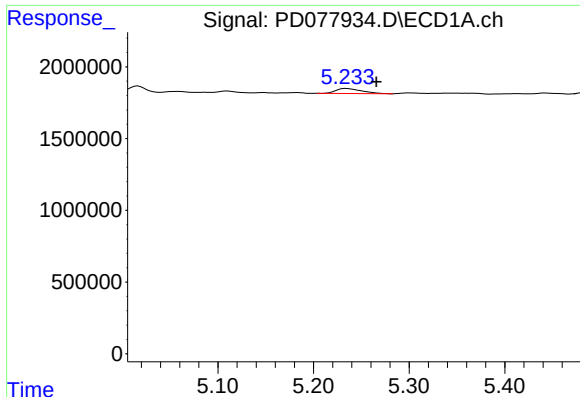
#4 Heptachlor

R.T.: 4.943 min  
Delta R.T.: 0.019 min  
Response: 499335  
Conc: 0.13 ng/ml



#4 Heptachlor

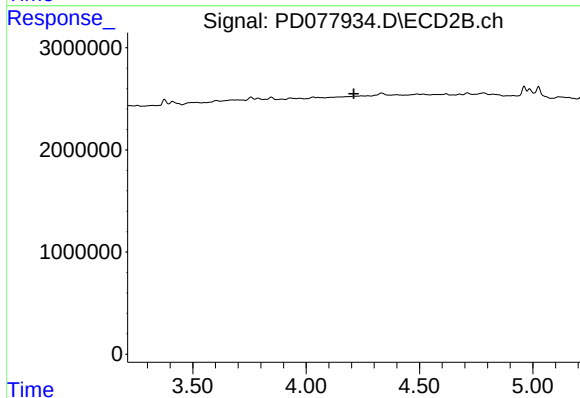
R.T.: 3.931 min  
Delta R.T.: 0.000 min  
Response: 184027  
Conc: 0.08 ng/ml



#5 Aldrin

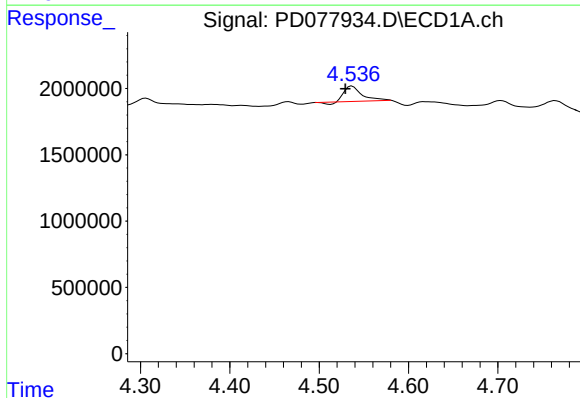
R.T.: 5.234 min  
Delta R.T.: -0.032 min  
Response: 661266  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



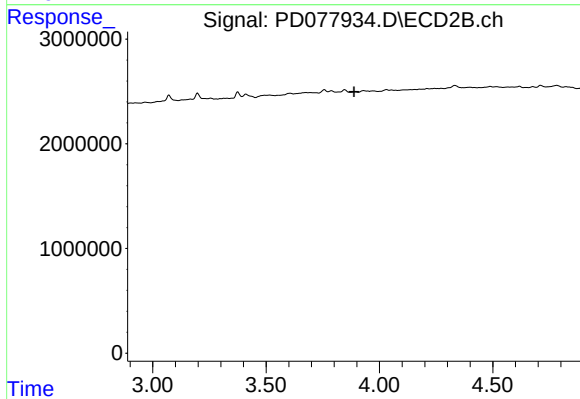
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.211 min  
Response: 0  
Conc: N.D.



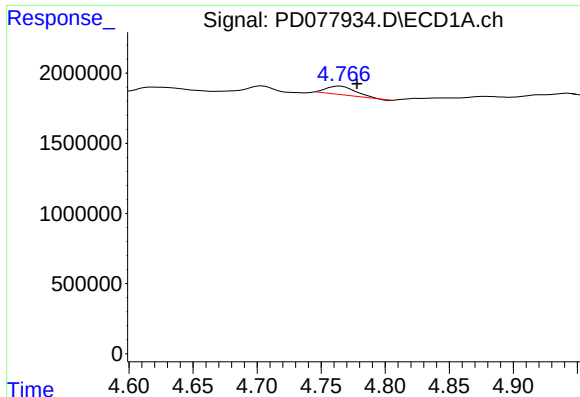
#6 beta-BHC

R.T.: 4.537 min  
Delta R.T.: 0.007 min  
Response: 1542130  
Conc: 0.96 ng/ml



#6 beta-BHC

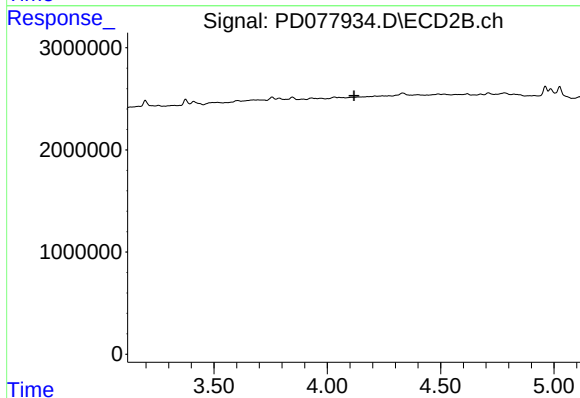
R.T.: 0.000 min  
Exp R.T. : 3.889 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

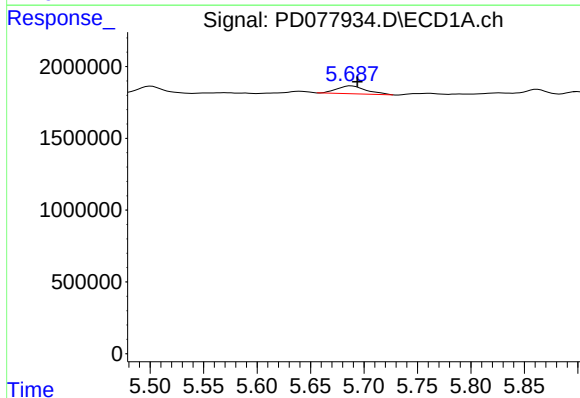
R.T.: 4.765 min  
Delta R.T.: -0.013 min  
Response: 856900  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



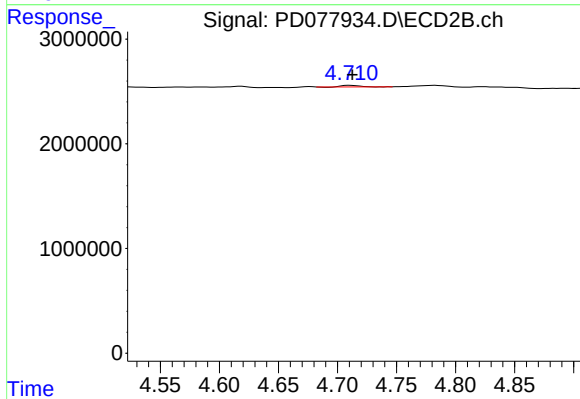
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.119 min  
Response: 0  
Conc: N.D.



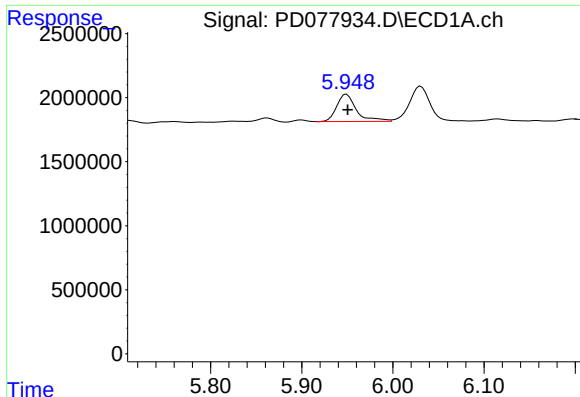
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.006 min  
Response: 1033369  
Conc: 0.29 ng/ml



#8 Heptachlor epoxide

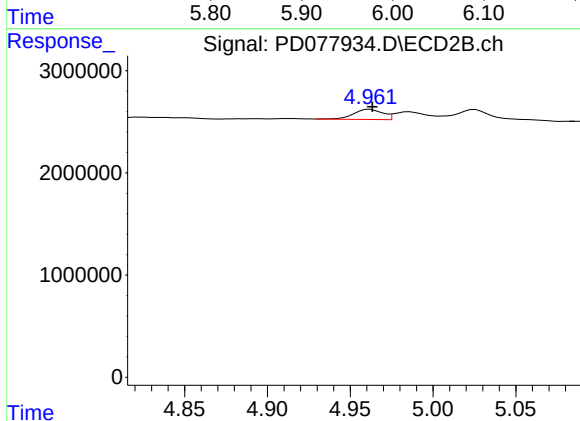
R.T.: 4.711 min  
Delta R.T.: -0.002 min  
Response: 129056  
Conc: 0.06 ng/ml



#10 gamma-Chlordane

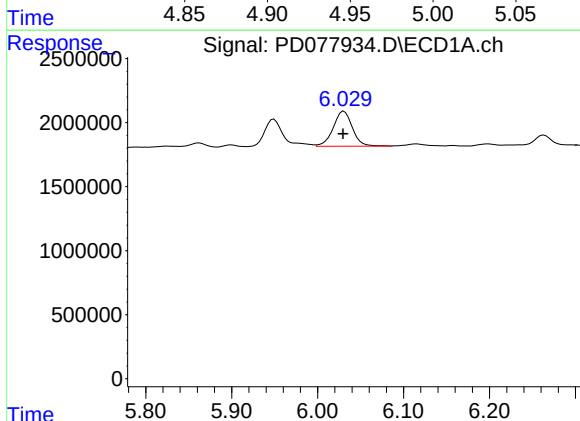
R.T.: 5.949 min  
Delta R.T.: -0.001 min  
Response: 3210826  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



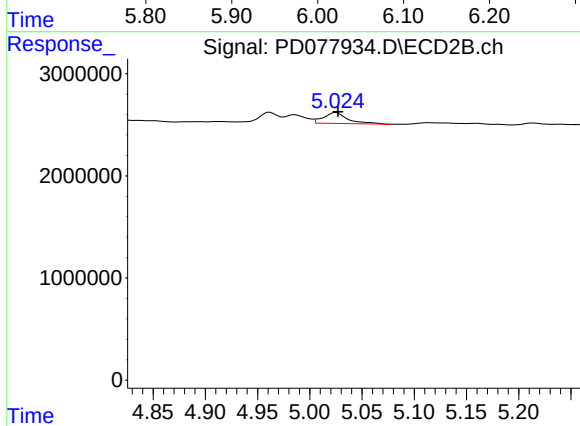
#10 gamma-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.001 min  
Response: 1214396  
Conc: 0.60 ng/ml



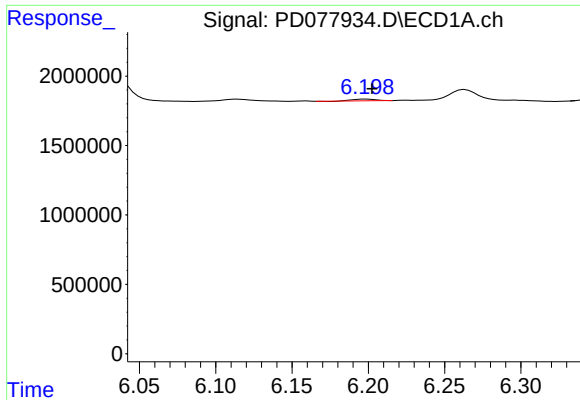
#11 alpha-Chlordane

R.T.: 6.031 min  
Delta R.T.: 0.001 min  
Response: 4228114  
Conc: 1.19 ng/ml



#11 alpha-Chlordane

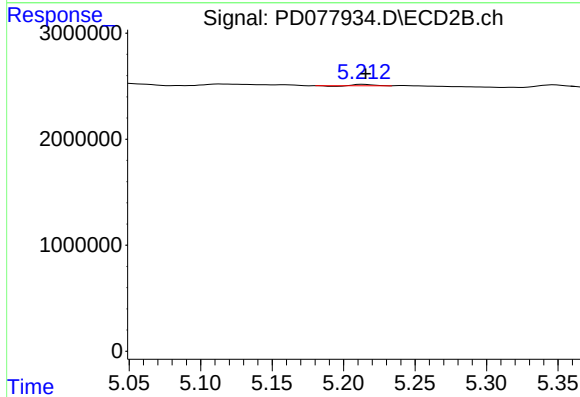
R.T.: 5.026 min  
Delta R.T.: -0.002 min  
Response: 1757231  
Conc: 0.87 ng/ml



#12 4,4'-DDE

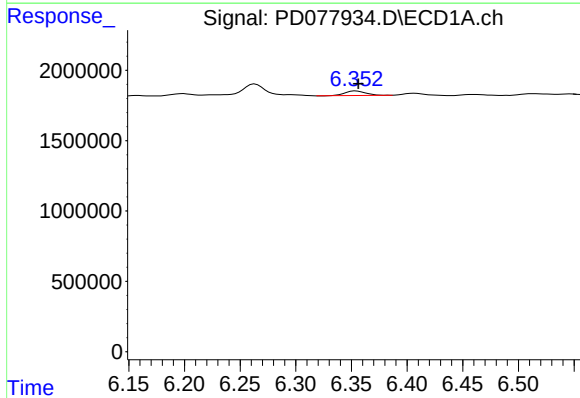
R.T.: 6.199 min  
Delta R.T.: -0.004 min  
Response: 123323  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



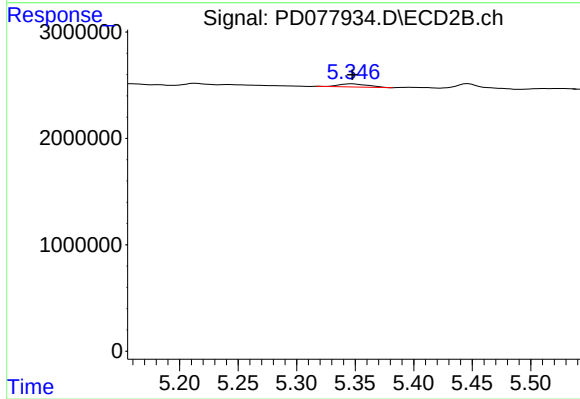
#12 4,4'-DDE

R.T.: 5.214 min  
Delta R.T.: -0.002 min  
Response: 82395  
Conc: 0.05 ng/ml



#13 Dieldrin

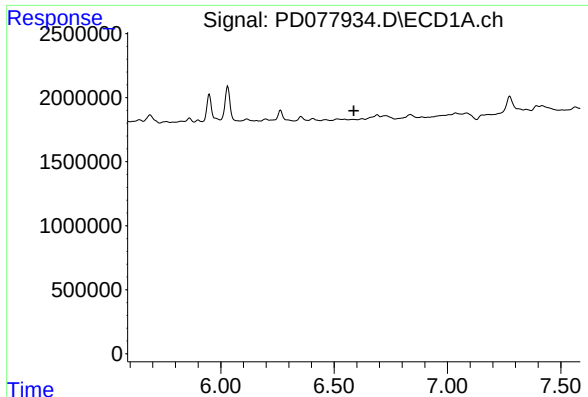
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 420800  
Conc: 0.12 ng/ml



#13 Dieldrin

R.T.: 5.348 min  
Delta R.T.: 0.000 min  
Response: 506613  
Conc: 0.25 ng/ml

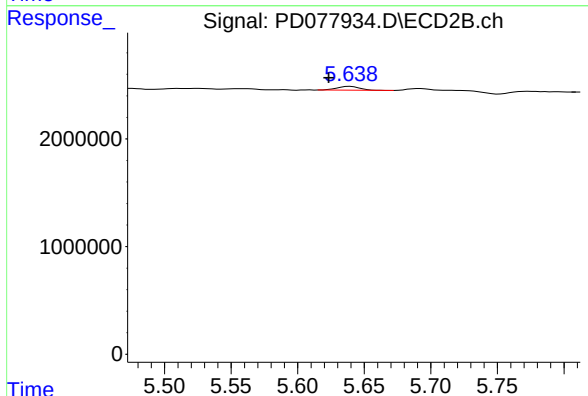




#14 Endrin

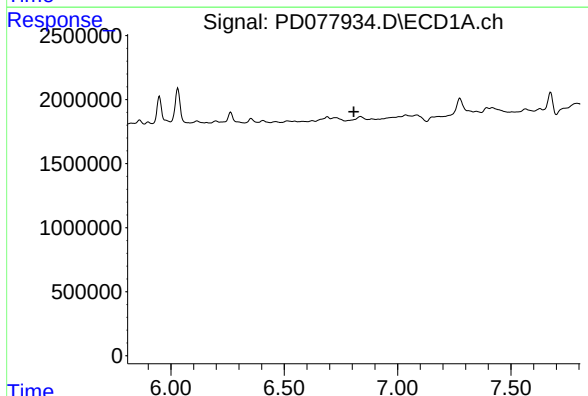
R.T.: 0.000 min  
Exp R.T.: 6.587 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



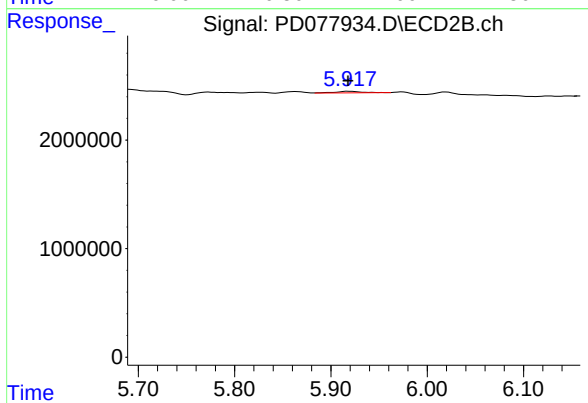
#14 Endrin

R.T.: 5.639 min  
Delta R.T.: 0.016 min  
Response: 424130  
Conc: 0.23 ng/ml



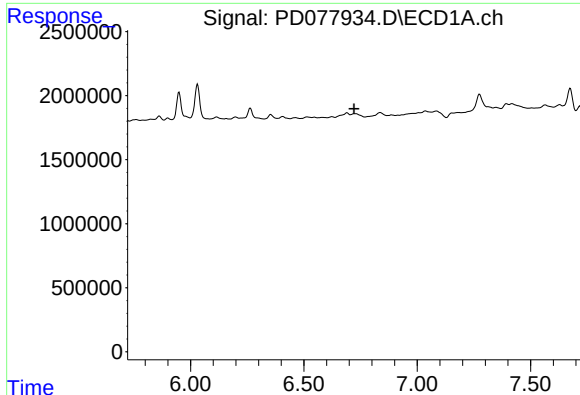
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.807 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

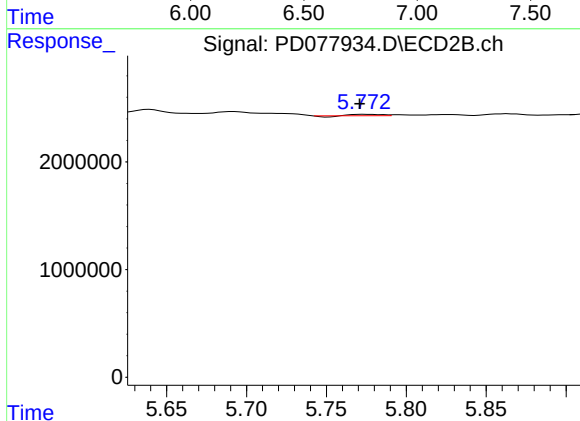
R.T.: 5.919 min  
Delta R.T.: 0.001 min  
Response: 258042  
Conc: 0.15 ng/ml



#16 4,4'-DDD

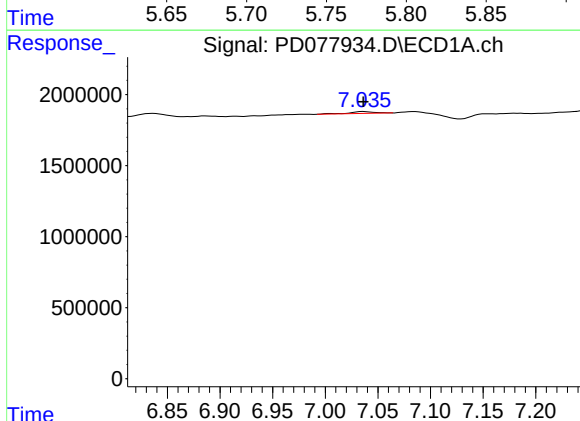
R.T.: 0.000 min  
Exp R.T.: 6.721 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



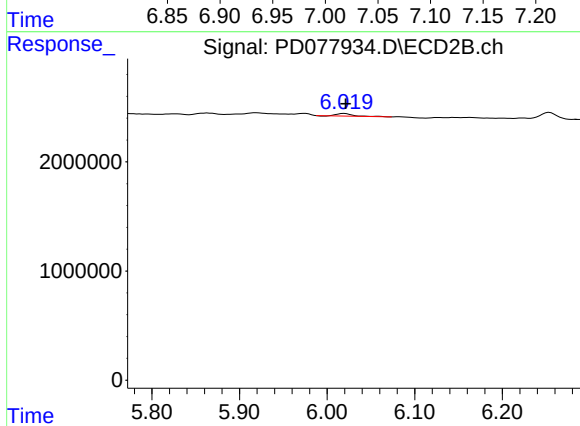
#16 4,4'-DDD

R.T.: 5.773 min  
Delta R.T.: 0.002 min  
Response: 95436  
Conc: 0.07 ng/ml



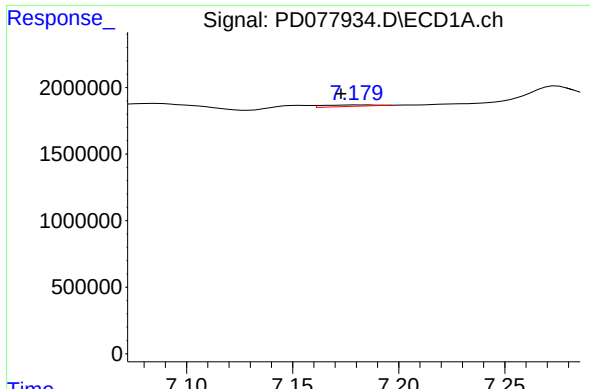
#17 4,4'-DDT

R.T.: 7.036 min  
Delta R.T.: 0.000 min  
Response: 216149  
Conc: 0.08 ng/ml



#17 4,4'-DDT

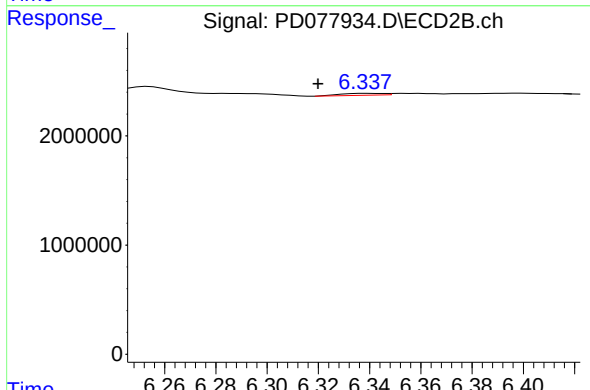
R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 329109  
Conc: 0.23 ng/ml



#19 Endosulfan Sulfate

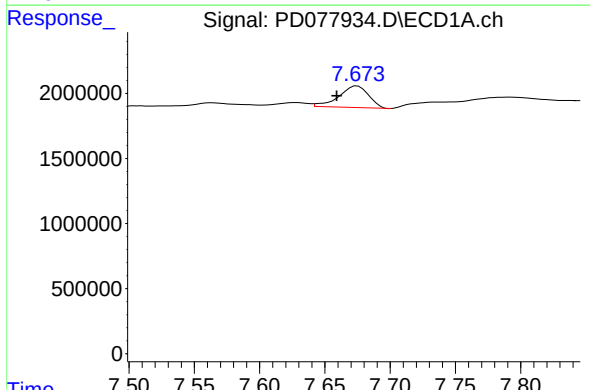
R.T.: 7.181 min  
Delta R.T.: 0.008 min  
Response: 187548  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



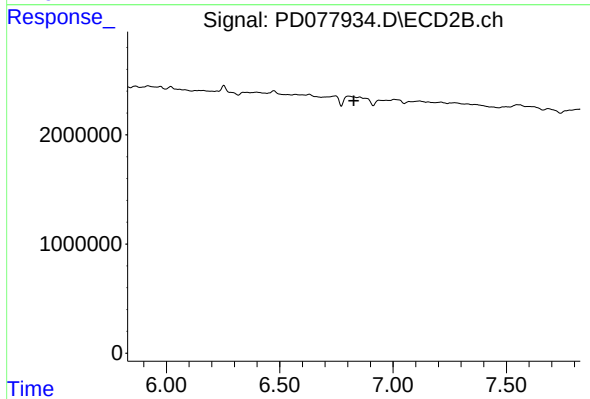
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.019 min  
Response: 213538  
Conc: 0.13 ng/ml



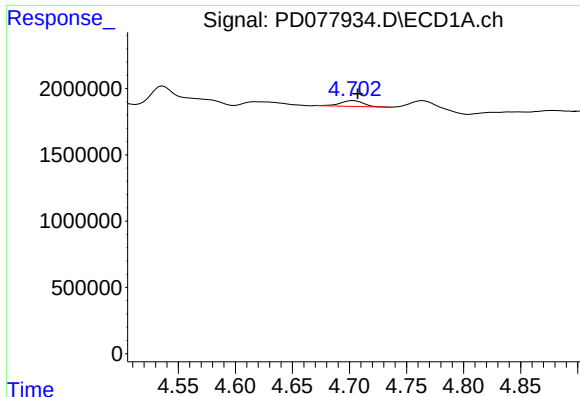
#21 Endrin ketone

R.T.: 7.675 min  
Delta R.T.: 0.016 min  
Response: 2633392  
Conc: 0.81 ng/ml



#21 Endrin ketone

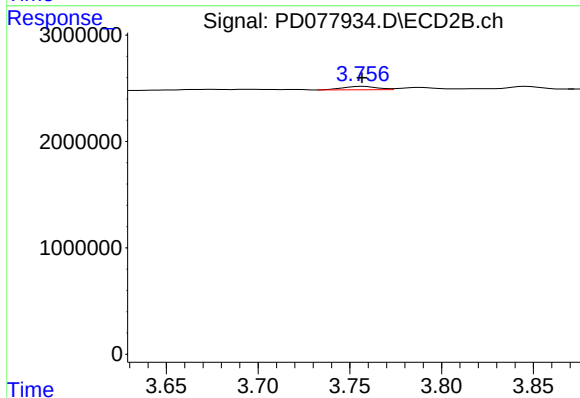
R.T.: 0.000 min  
Exp R.T. : 6.827 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

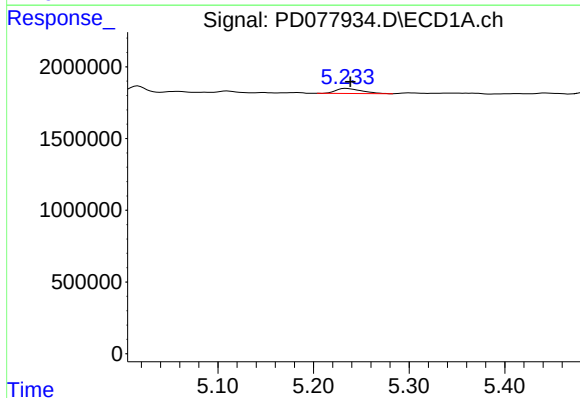
R.T.: 4.704 min  
Delta R.T.: -0.003 min  
Response: 613458  
Conc: 5.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



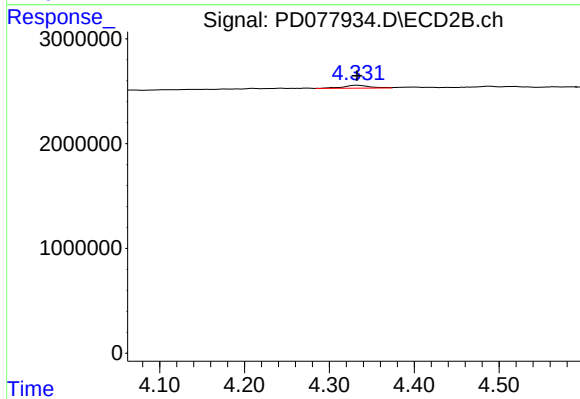
#23 Chlordane-1

R.T.: 3.757 min  
Delta R.T.: 0.000 min  
Response: 417529  
Conc: 7.33 ng/ml



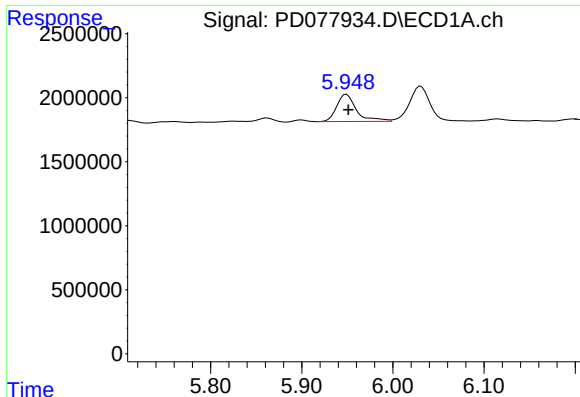
#24 Chlordane-2

R.T.: 5.234 min  
Delta R.T.: -0.004 min  
Response: 661266  
Conc: 5.18 ng/ml



#24 Chlordane-2

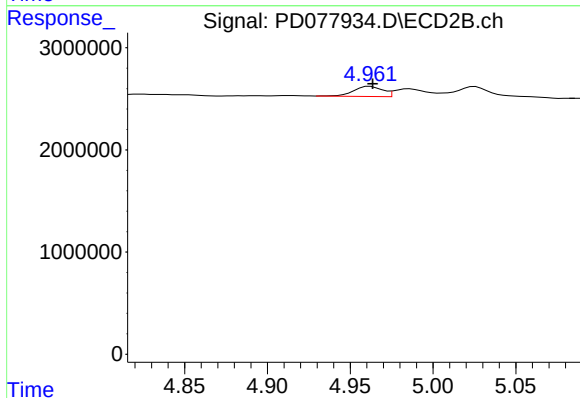
R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 564630  
Conc: 8.87 ng/ml



#25 Chlordane-3

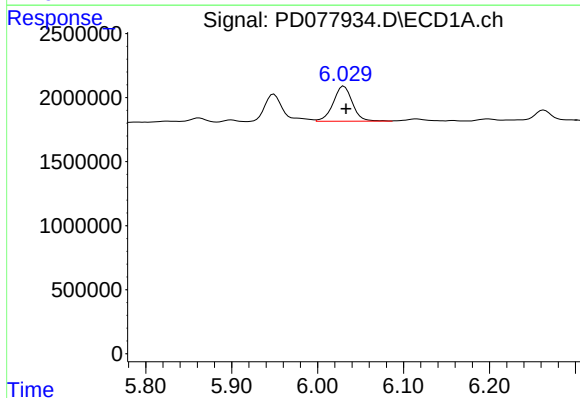
R.T.: 5.949 min  
Delta R.T.: -0.002 min  
Response: 3210826  
Conc: 6.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



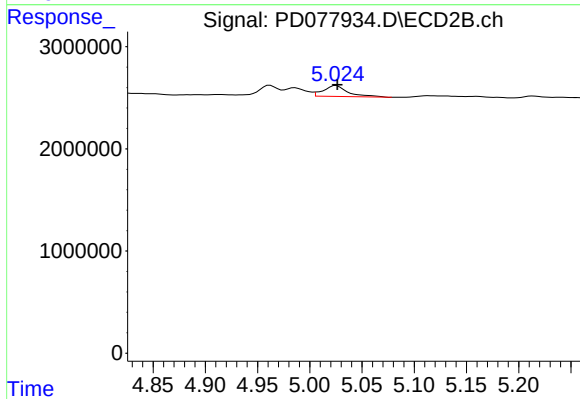
#25 Chlordane-3

R.T.: 4.962 min  
Delta R.T.: -0.002 min  
Response: 1214396  
Conc: 6.19 ng/ml



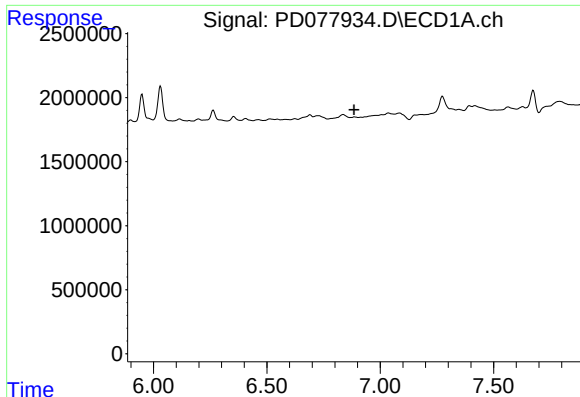
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 4228114  
Conc: 6.86 ng/ml



#26 Chlordane-4

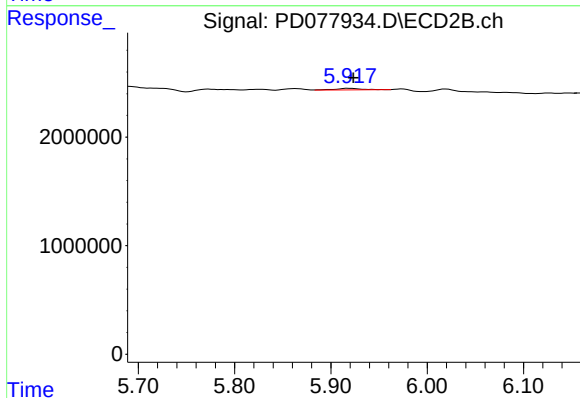
R.T.: 5.026 min  
Delta R.T.: -0.001 min  
Response: 1757231  
Conc: 9.29 ng/ml



#27 Chlordane-5

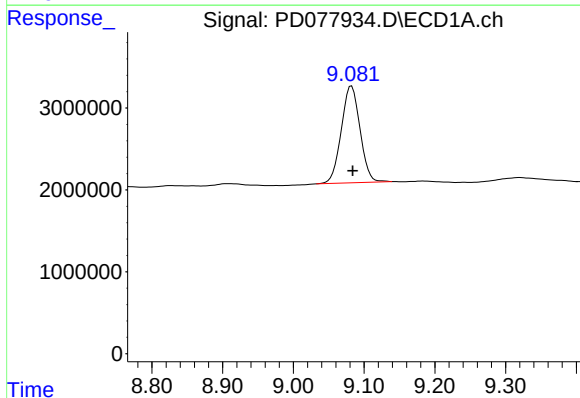
R.T.: 0.000 min  
Exp R.T.: 6.885 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



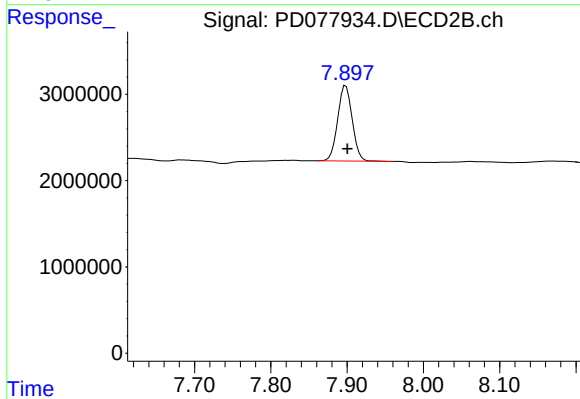
#27 Chlordane-5

R.T.: 5.919 min  
Delta R.T.: -0.004 min  
Response: 258042  
Conc: 4.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min  
Delta R.T.: -0.002 min  
Response: 21851400  
Conc: 7.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.898 min  
Delta R.T.: -0.002 min  
Response: 11584776  
Conc: 6.71 ng/ml