

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100423\  
 Data File : PD078622.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 18:22  
 Operator : AR\AJ  
 Sample : 04685-01  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PP-20230928-B4A-0-7.5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 21:31:07 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 01:10:04 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... | 3.540  | 2.757  | 54584231 | 40420695 | 18.909 | 19.791  |
| 28)                         | SA Decachlor... | 9.079  | 7.894  | 57935999 | 34497002 | 15.622 | 15.203  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.018f | 3.250  | 475654   | 751415   | 0.098  | 0.251 # |
| 3)                          | MA gamma-BHC... | 4.304f | 3.595  | 387102   | 885173   | 0.083  | 0.306 # |
| 4)                          | MA Heptachlor   | 4.935f | 0.000  | 430931   | 0        | 0.092  | N.D. #  |
| 6)                          | B beta-BHC      | 4.535  | 3.887  | 1811280  | 290874   | 0.975  | 0.252 # |
| 7)                          | B delta-BHC     | 4.764  | 0.000  | 1291180  | 0        | 0.287  | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.922f | 4.936f | 584695   | 288020   | 0.139  | 0.107   |
| 11)                         | B alpha-Chl...  | 6.020  | 5.044f | 518504   | 1143157  | 0.123  | 0.426 # |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.211  | 246096   | 585231   | 0.061  | 0.230 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.355  | 0        | 794503   | N.D.   | 0.285 # |
| 14)                         | MA Endrin       | 6.589  | 5.630  | -60352   | 3020945  | N.D.   | 1.221   |
| 15)                         | B Endosulfa...  | 0.000  | 5.941f | 0        | 143275   | N.D.   | 0.060 # |
| 16)                         | A 4,4'-DDD      | 6.751f | 0.000  | 1612634  | 0        | 0.542  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.019  | 0        | 507989   | N.D.   | 0.250 # |
| 21)                         | B Endrin ke...  | 7.673f | 0.000  | 6820853  | 0        | 1.898  | N.D. #  |
| 22)                         | Mirex           | 0.000  | 6.997  | 0        | 254909   | N.D.   | 0.125 # |
| 23)                         | Chlordane-1     | 4.688f | 0.000  | 343076   | 0        | 2.608  | N.D. #  |
| 25)                         | Chlordane-3     | 5.922f | 4.936f | 584695   | 288020   | 0.999  | 1.118   |
| 26)                         | Chlordane-4     | 6.020  | 5.044f | 518504   | 1143157  | 0.733  | 4.552 # |
| 27)                         | Chlordane-5     | 0.000  | 5.941f | 0        | 143275   | N.D.   | 1.667 # |
| -----                       |                 |        |        |          |          |        |         |

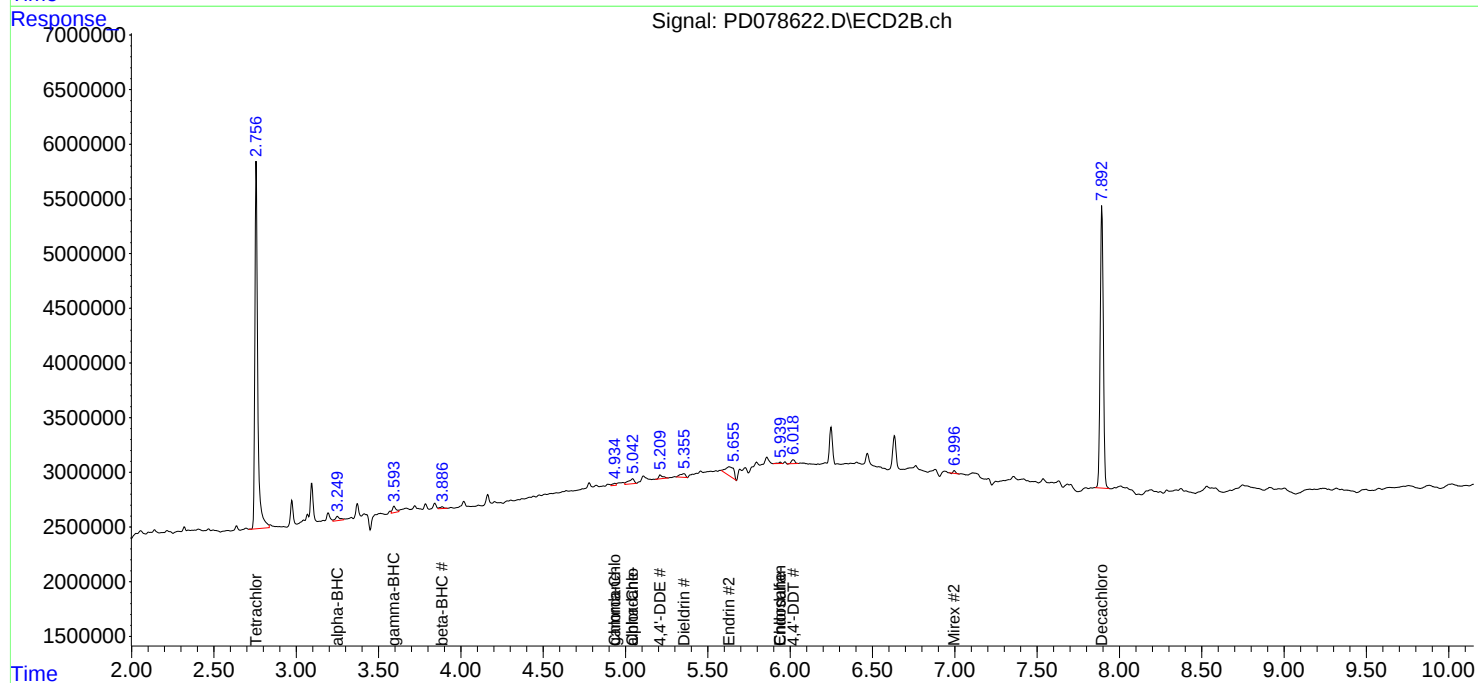
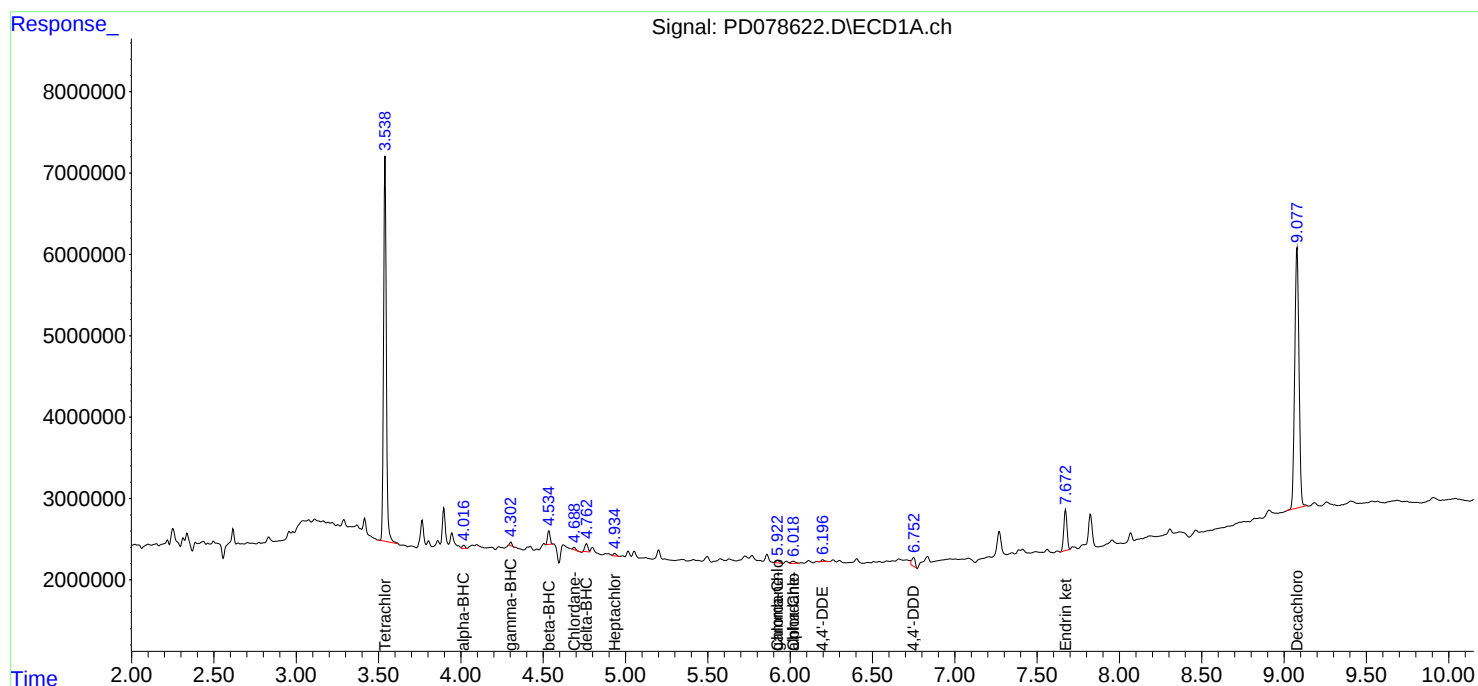
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

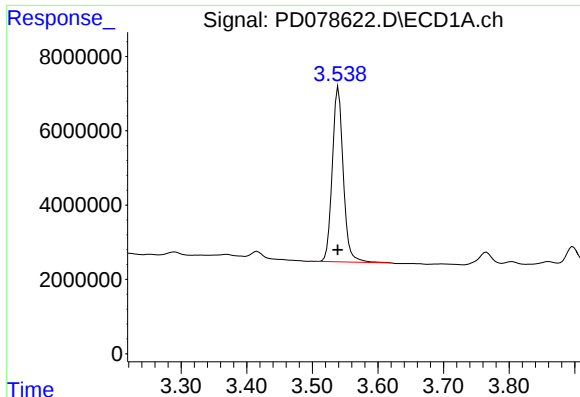
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100423\  
Data File : PD078622.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 18:22  
Operator : AR\AJ  
Sample : 04685-01  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 21:31:07 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 01:10:04 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

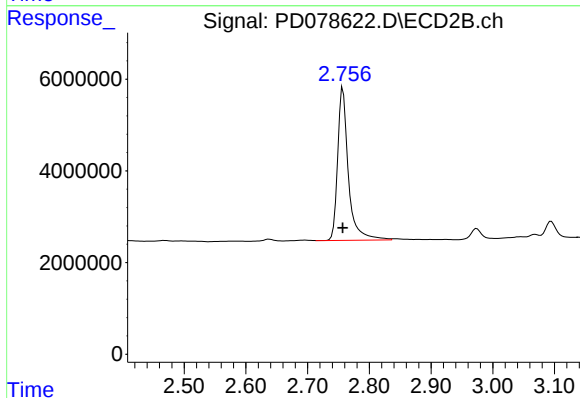




#1 Tetrachloro-m-xylene

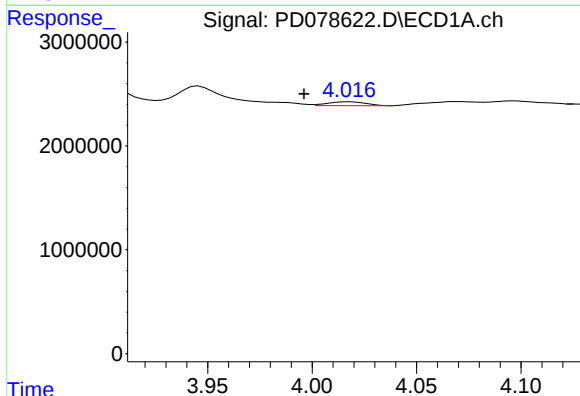
R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 54584231  
Conc: 18.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



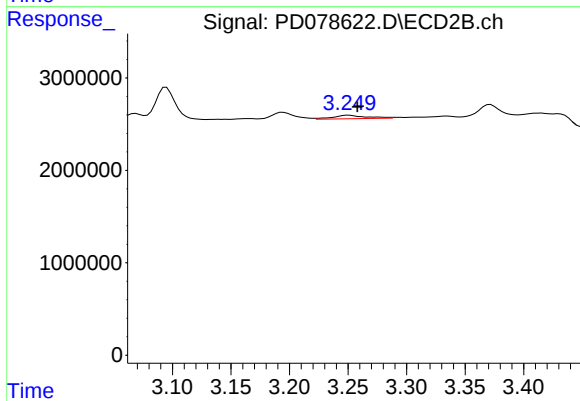
#1 Tetrachloro-m-xylene

R.T.: 2.757 min  
Delta R.T.: 0.000 min  
Response: 40420695  
Conc: 19.79 ng/ml



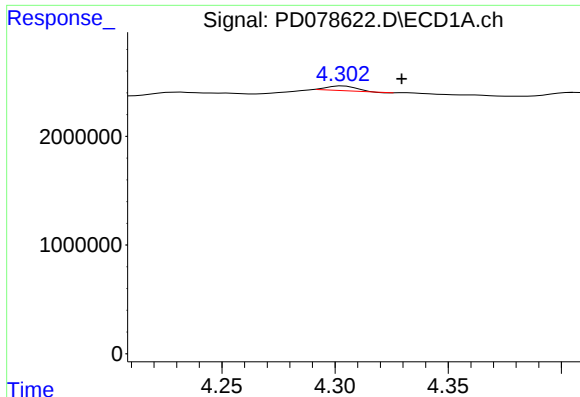
#2 alpha-BHC

R.T.: 4.018 min  
Delta R.T.: 0.022 min  
Response: 475654  
Conc: 0.10 ng/ml



#2 alpha-BHC

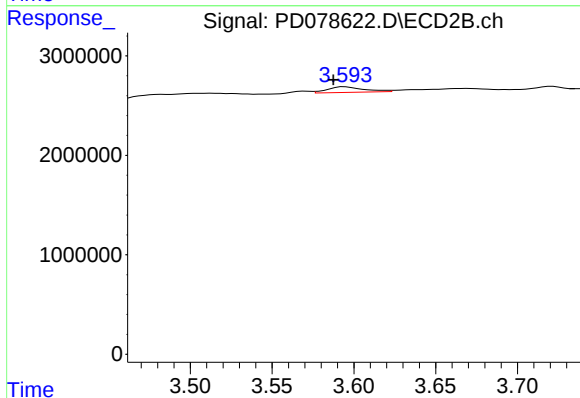
R.T.: 3.250 min  
Delta R.T.: -0.007 min  
Response: 751415  
Conc: 0.25 ng/ml



#3 gamma-BHC (Lindane)

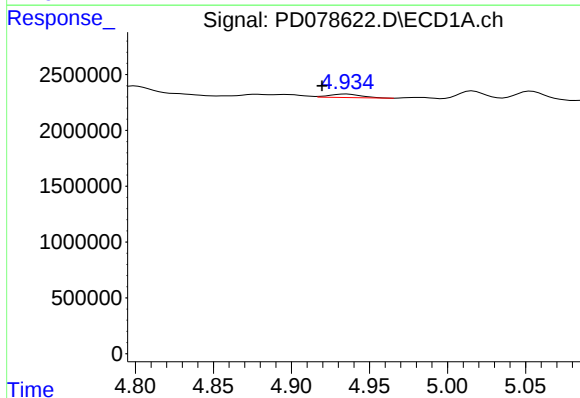
R.T.: 4.304 min  
Delta R.T.: -0.026 min  
Response: 387102  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



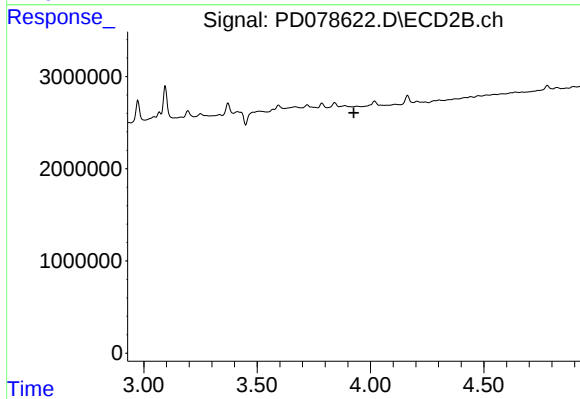
#3 gamma-BHC (Lindane)

R.T.: 3.595 min  
Delta R.T.: 0.007 min  
Response: 885173  
Conc: 0.31 ng/ml



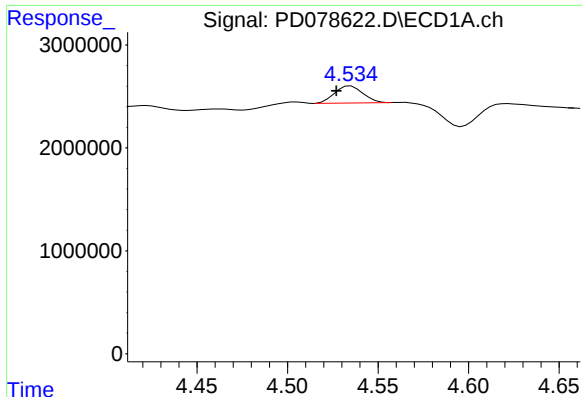
#4 Heptachlor

R.T.: 4.935 min  
Delta R.T.: 0.016 min  
Response: 430931  
Conc: 0.09 ng/ml



#4 Heptachlor

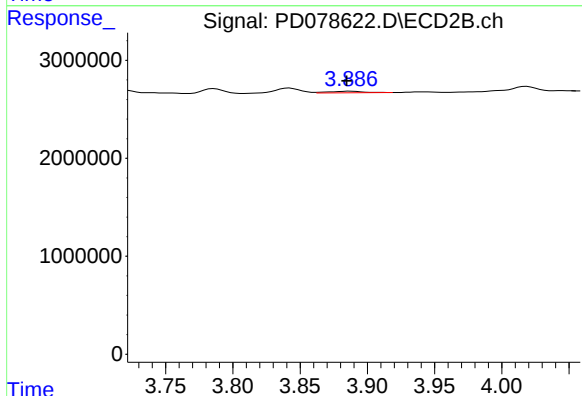
R.T.: 0.000 min  
Exp R.T.: 3.926 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

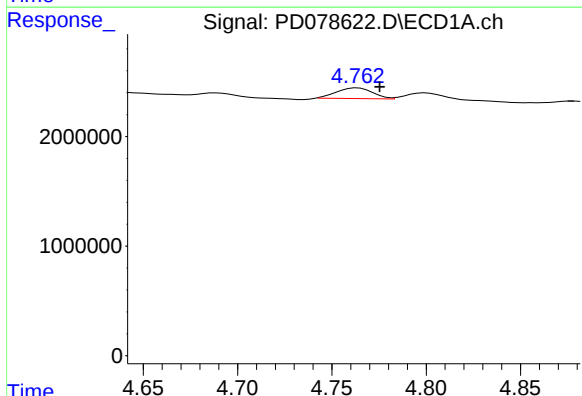
R.T.: 4.535 min  
Delta R.T.: 0.008 min  
Response: 1811280  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



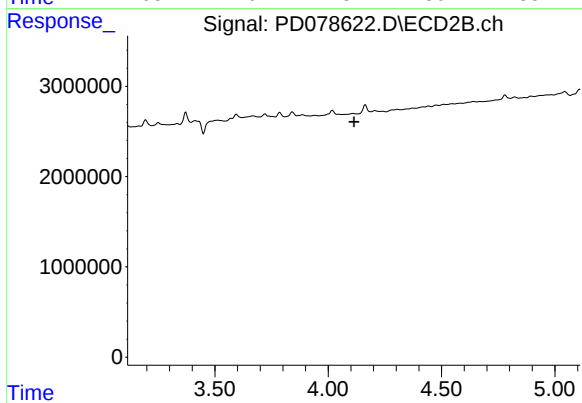
#6 beta-BHC

R.T.: 3.887 min  
Delta R.T.: 0.003 min  
Response: 290874  
Conc: 0.25 ng/ml



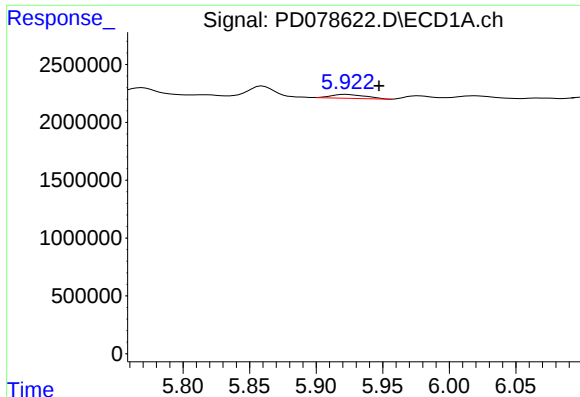
#7 delta-BHC

R.T.: 4.764 min  
Delta R.T.: -0.012 min  
Response: 1291180  
Conc: 0.29 ng/ml



#7 delta-BHC

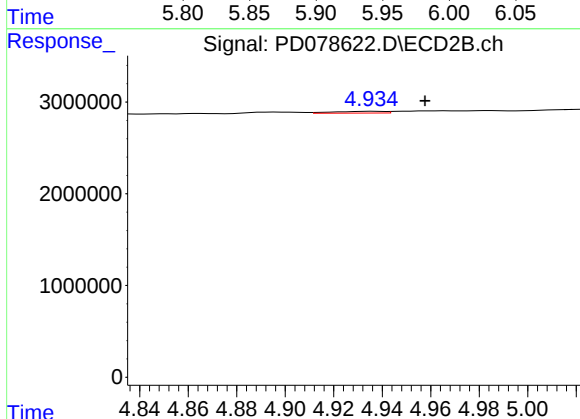
R.T.: 0.000 min  
Exp R.T. : 4.114 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

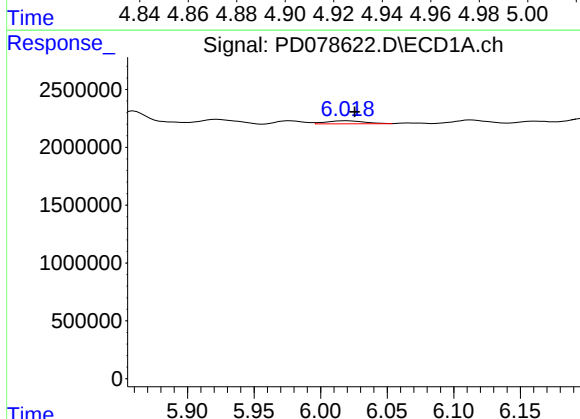
R.T.: 5.922 min  
Delta R.T.: -0.025 min  
Response: 584695  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



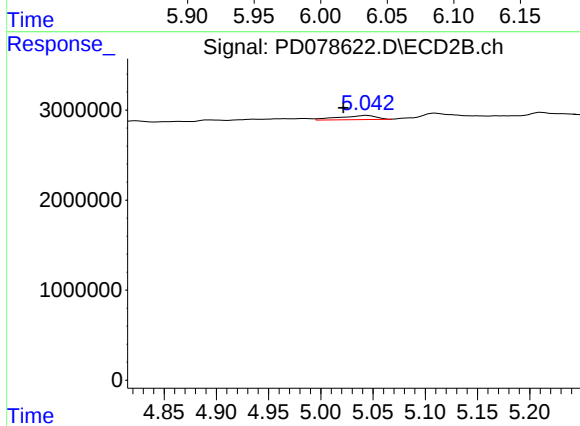
#10 gamma-Chlordane

R.T.: 4.936 min  
Delta R.T.: -0.022 min  
Response: 288020  
Conc: 0.11 ng/ml



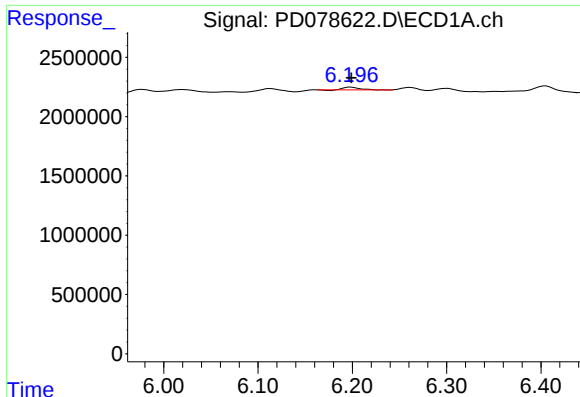
#11 alpha-Chlordane

R.T.: 6.020 min  
Delta R.T.: -0.006 min  
Response: 518504  
Conc: 0.12 ng/ml



#11 alpha-Chlordane

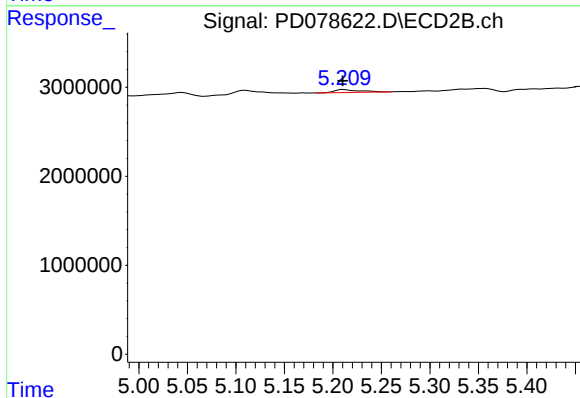
R.T.: 5.044 min  
Delta R.T.: 0.022 min  
Response: 1143157  
Conc: 0.43 ng/ml



#12 4,4'-DDE

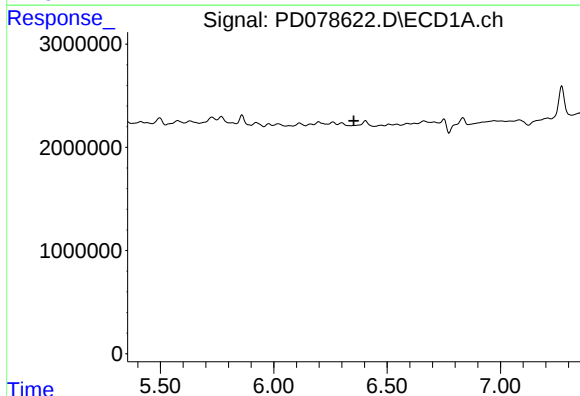
R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 246096  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



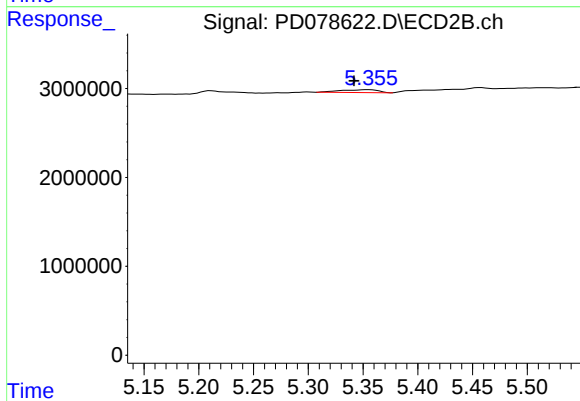
#12 4,4'-DDE

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 585231  
Conc: 0.23 ng/ml



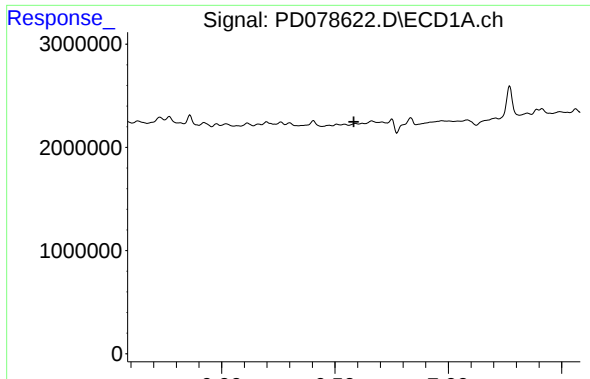
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.353 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

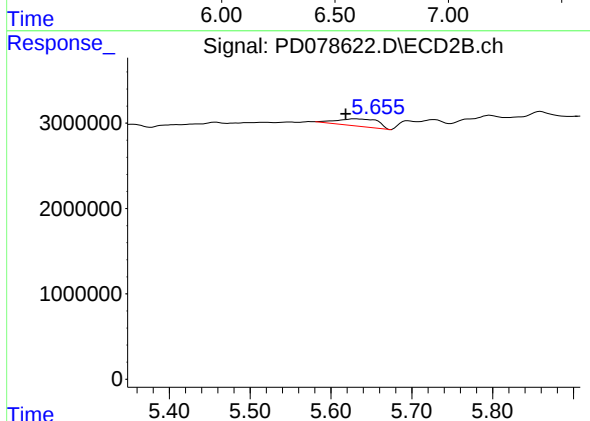
R.T.: 5.355 min  
Delta R.T.: 0.013 min  
Response: 794503  
Conc: 0.28 ng/ml



#14 Endrin

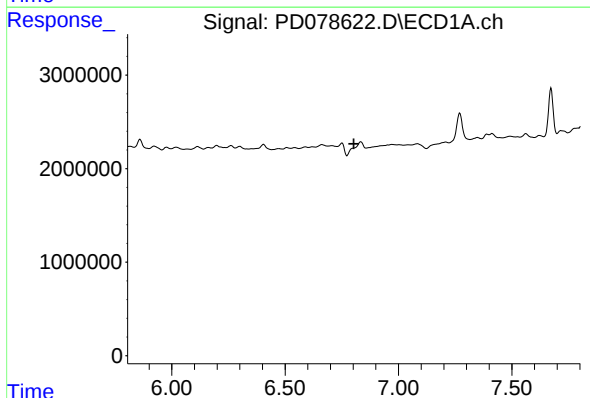
R.T.: 6.589 min  
Delta R.T.: 0.006 min  
Response: -60352  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



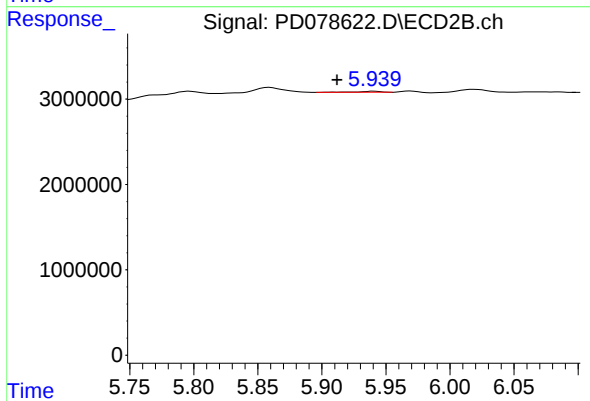
#14 Endrin

R.T.: 5.630 min  
Delta R.T.: 0.012 min  
Response: 3020945  
Conc: 1.22 ng/ml



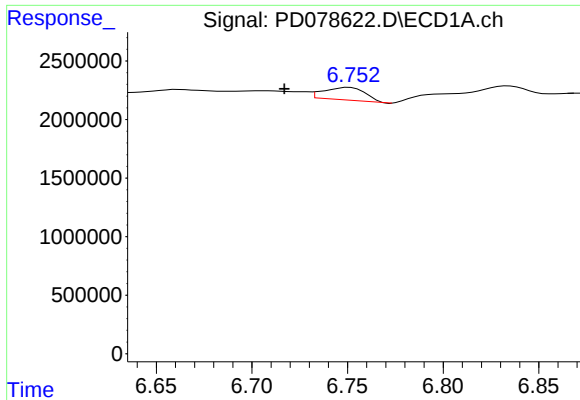
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.803 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

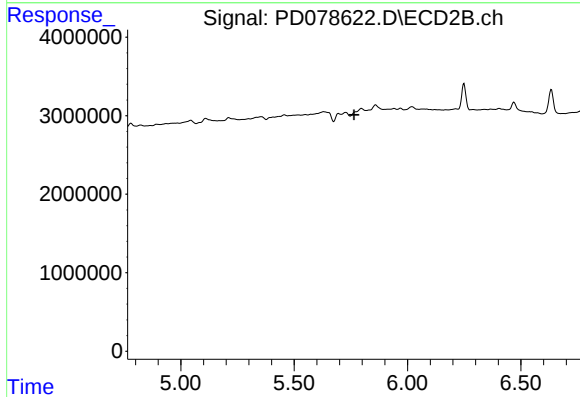
R.T.: 5.941 min  
Delta R.T.: 0.029 min  
Response: 143275  
Conc: 0.06 ng/ml



#16 4,4'-DDD

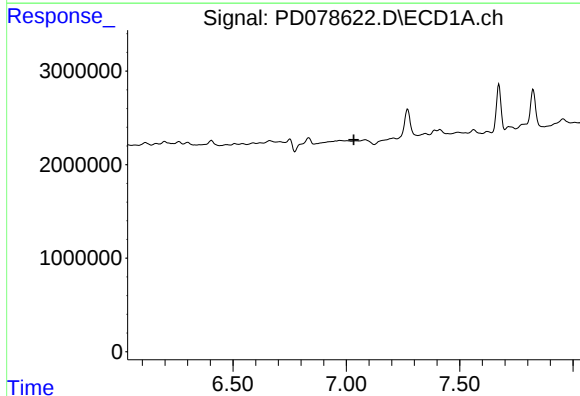
R.T.: 6.751 min  
Delta R.T.: 0.034 min  
Response: 1612634  
Conc: 0.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



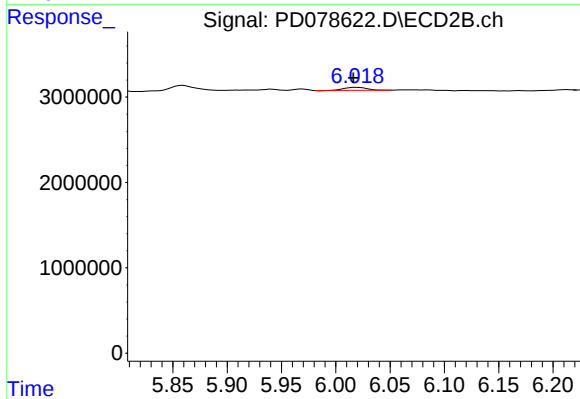
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.765 min  
Response: 0  
Conc: N.D.



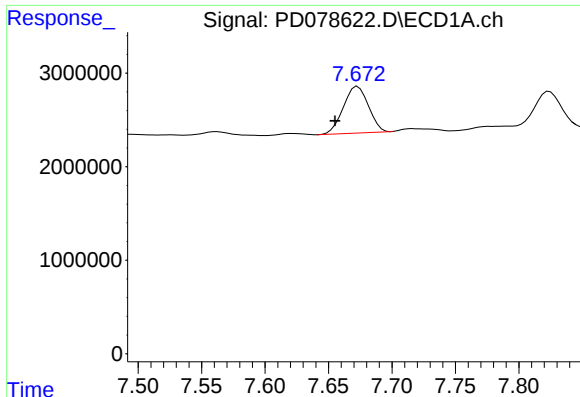
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.033 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

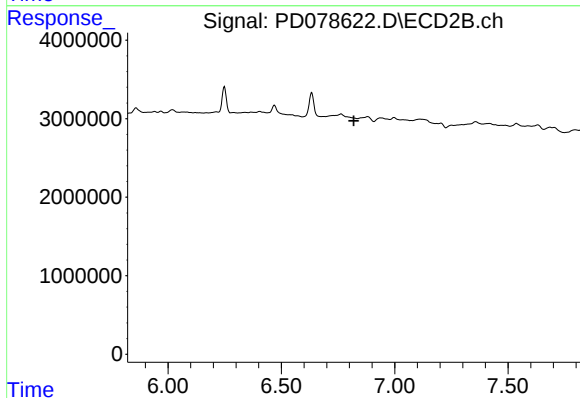
R.T.: 6.019 min  
Delta R.T.: 0.003 min  
Response: 507989  
Conc: 0.25 ng/ml



#21 Endrin ketone

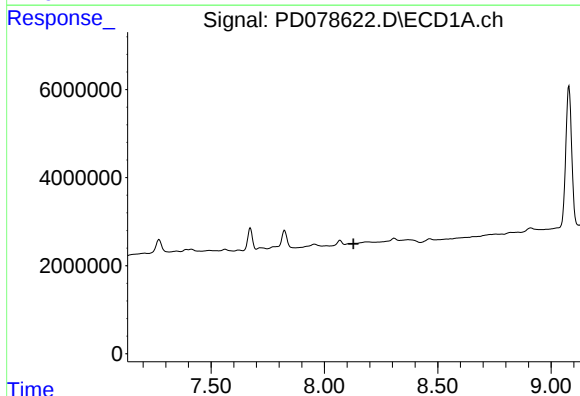
R.T.: 7.673 min  
Delta R.T.: 0.018 min  
Response: 6820853  
Conc: 1.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



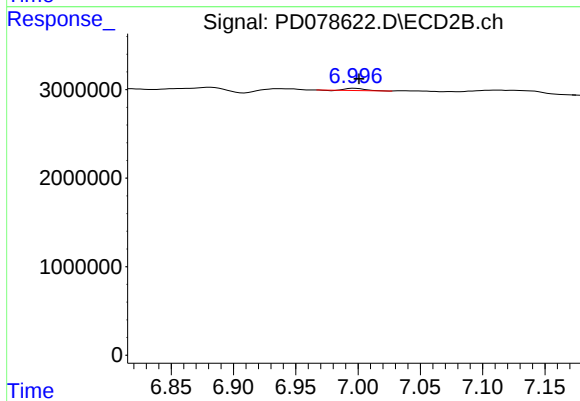
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.820 min  
Response: 0  
Conc: N.D.



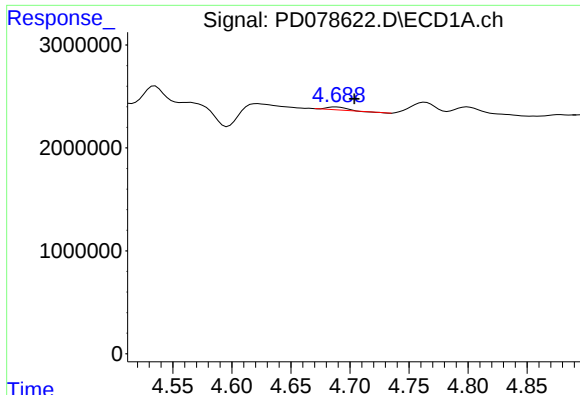
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.129 min  
Response: 0  
Conc: N.D.



#22 Mirex

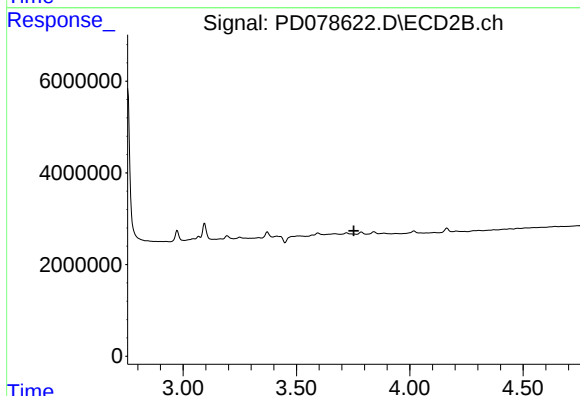
R.T.: 6.997 min  
Delta R.T.: -0.003 min  
Response: 254909  
Conc: 0.13 ng/ml



#23 Chlordane-1

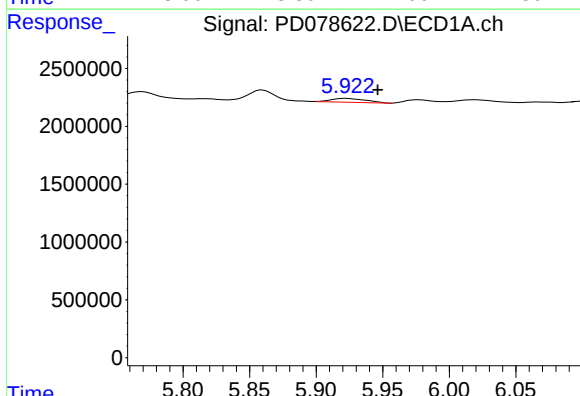
R.T.: 4.688 min  
Delta R.T.: -0.015 min  
Response: 343076  
Conc: 2.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



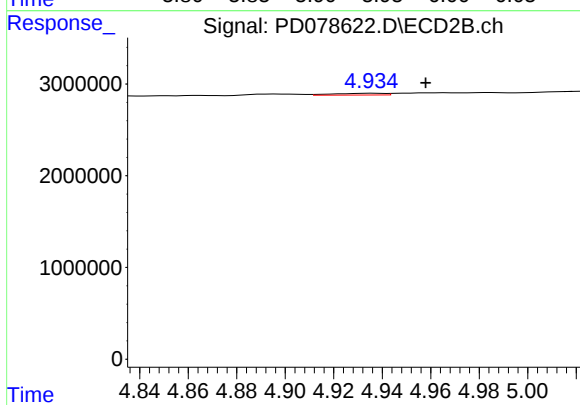
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 3.753 min  
Response: 0  
Conc: N.D.



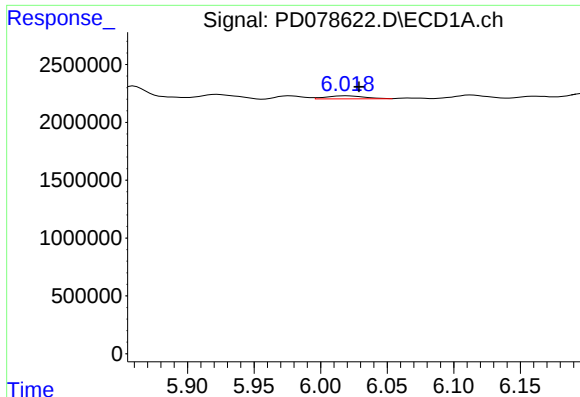
#25 Chlordane-3

R.T.: 5.922 min  
Delta R.T.: -0.024 min  
Response: 584695  
Conc: 1.00 ng/ml



#25 Chlordane-3

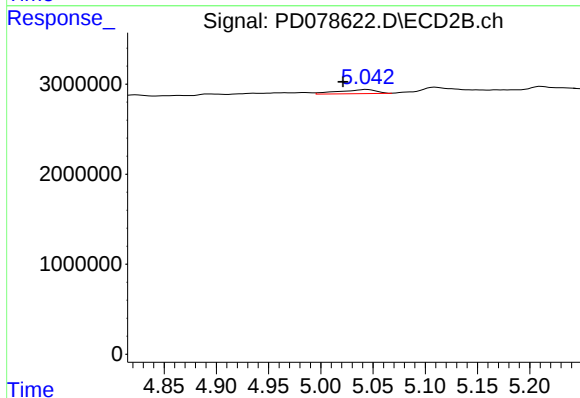
R.T.: 4.936 min  
Delta R.T.: -0.022 min  
Response: 288020  
Conc: 1.12 ng/ml



#26 Chlordane-4

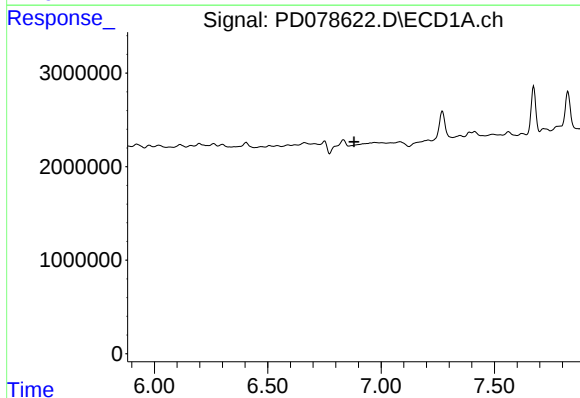
R.T.: 6.020 min  
Delta R.T.: -0.009 min  
Response: 518504  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



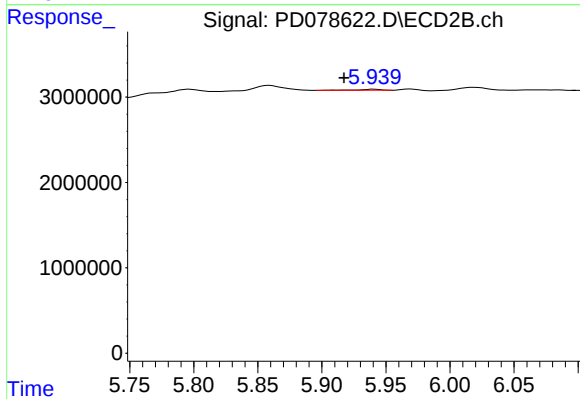
#26 Chlordane-4

R.T.: 5.044 min  
Delta R.T.: 0.023 min  
Response: 1143157  
Conc: 4.55 ng/ml



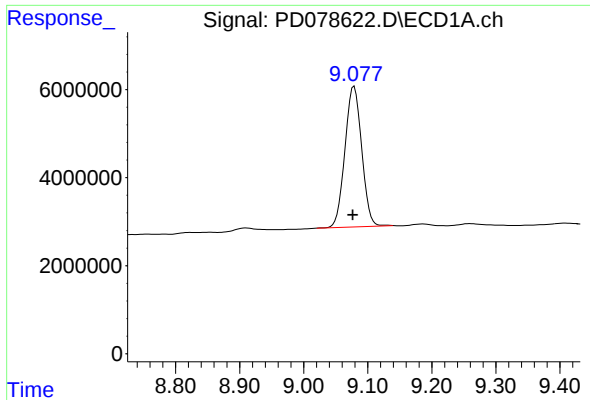
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.881 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

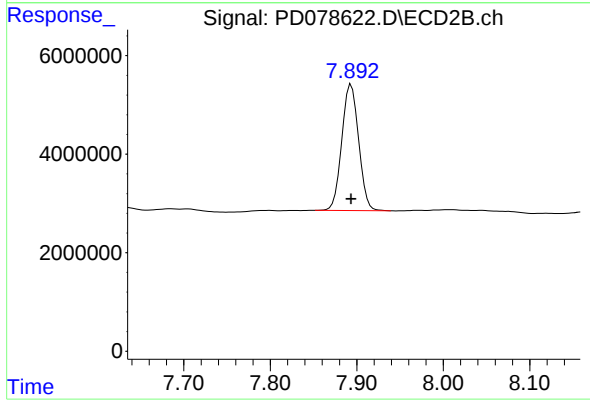
R.T.: 5.941 min  
Delta R.T.: 0.023 min  
Response: 143275  
Conc: 1.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: 0.002 min  
Response: 57935999  
Conc: 15.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PP-20230928-B4A-0-7.5



#28 Decachlorobiphenyl

R.T.: 7.894 min  
Delta R.T.: 0.000 min  
Response: 34497002  
Conc: 15.20 ng/ml