

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051925\  
 Data File : PD088612.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 17:31  
 Operator : AR\AJ  
 Sample : Q1984-15RE  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 OU4-TS-28-050725RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 04:44:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 2025  
 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... | 3.552  | 2.883  | 26801209 | 200.5E6  | 12.386 | 13.254    |
| 28)                         | SA Decachlor... | 9.080  | 8.077  | 17602620 | 82142980 | 5.143  | 4.499     |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.018f | 3.389  | 13360818 | 5352549  | 2.797  | 0.224 #   |
| 3)                          | MA gamma-BHC... | 4.342  | 3.737  | 3762427  | 11750505 | 0.817  | 0.530 #   |
| 4)                          | MA Heptachlor   | 4.955f | 4.074  | 7196213  | 19433072 | 1.609  | 0.865 #   |
| 5)                          | MB Aldrin       | 0.000  | 4.375  | 0        | 74033861 | N.D.   | 3.376 #   |
| 6)                          | B beta-BHC      | 4.535f | 0.000  | 632713   | 0        | 0.351  | N.D. #    |
| 7)                          | B delta-BHC     | 4.781f | 4.258  | 5306519  | 2127695  | 1.256  | 0.095 #   |
| 8)                          | B Heptachlo...  | 5.684  | 4.876  | 1501646  | 5073020  | 0.378  | 0.255 #   |
| 9)                          | A Endosulfan I  | 6.068  | 5.276f | 423245   | 40395531 | 0.112  | 2.128 #   |
| 10)                         | B gamma-Chl...  | 5.948  | 5.125  | 3029290  | 97203316 | 0.759  | 4.557 #   |
| 11)                         | B alpha-Chl...  | 6.032  | 5.194  | 4498268  | 115.1E6  | 1.123  | 5.581 #   |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.378  | 3521912  | 144.2E6  | 0.981  | 6.900 #   |
| 13)                         | MA Dieldrin     | 6.352  | 5.513  | 1873444  | 19623560 | 0.467  | 0.933 #   |
| 14)                         | MA Endrin       | 6.579  | 5.798  | 19915532 | 139.7E6  | 5.831  | 7.244     |
| 15)                         | B Endosulfa...  | 6.789  | 6.099f | 1666258  | 11706564 | 0.484  | 0.639 #   |
| 16)                         | A 4,4'-DDD      | 6.696  | 5.940  | 6727512  | -3236891 | 2.416  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 7.053f | 6.201  | 5138411  | 55731184 | 1.646  | 3.073 #   |
| 18)                         | B Endrin al...  | 6.931  | 6.248  | 5174803  | 83549139 | 2.010  | 5.998 #   |
| 19)                         | B Endosulfa...  | 7.129f | 0.000  | 211566   | 0        | 0.066  | N.D. #    |
| 20)                         | A Methoxychlor  | 7.489  | 0.000  | 4280522  | 0        | 2.562  | N.D. #    |
| 21)                         | B Endrin ke...  | 0.000  | 6.978f | 0        | 505730   | N.D.   | 0.026 #   |
| 22)                         | Mirex           | 8.143f | 7.181  | 22512016 | 11544622 | 8.664  | 0.759 #   |
| 23)                         | Chlordane-1     | 4.718  | 3.904  | -1366483 | 28944406 | N.D.   | 35.027    |
| 24)                         | Chlordane-2     | 5.240  | 4.496  | 2669031  | 162.4E6  | 14.545 | 192.380 # |
| 25)                         | Chlordane-3     | 5.948  | 5.125  | 3029290  | 97203316 | 4.094  | 36.864 #  |
| 26)                         | Chlordane-4     | 6.032  | 5.194  | 4498268  | 115.1E6  | 5.019  | 52.025 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.099  | 0        | 11706564 | N.D.   | 11.697 #  |
| -----                       |                 |        |        |          |          |        |           |

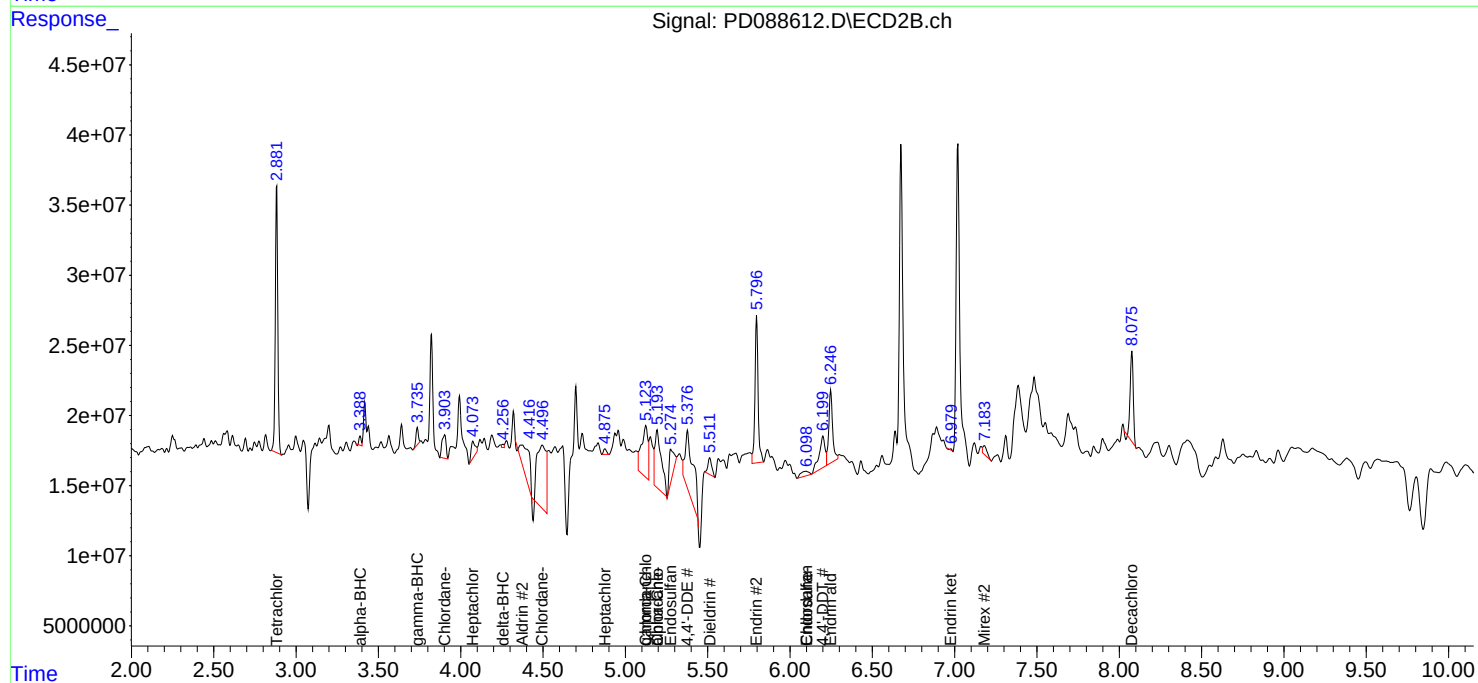
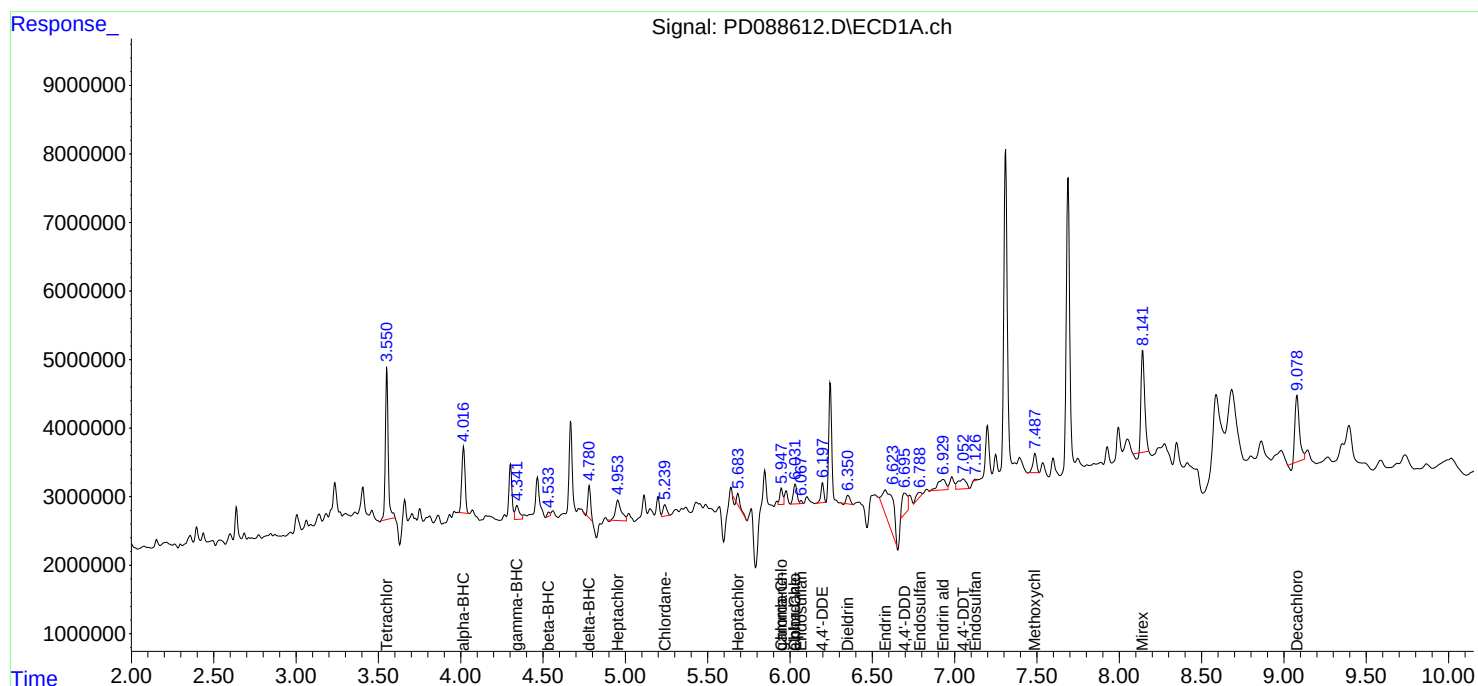
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

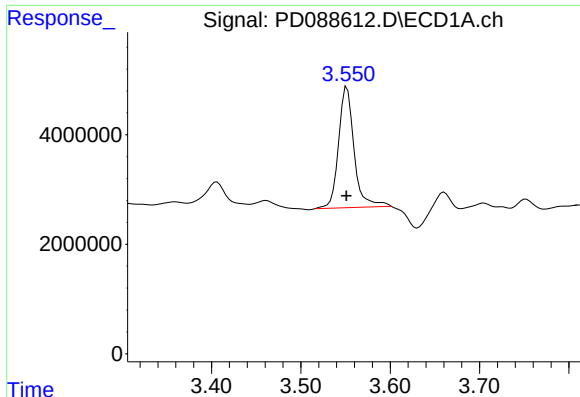
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051925\  
Data File : PD088612.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 17:31  
Operator : AR\AJ  
Sample : Q1984-15RE  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 04:44:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
Quant Title : GC Extractables  
QLast Update : Mon May 19 15:27:28 2025  
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

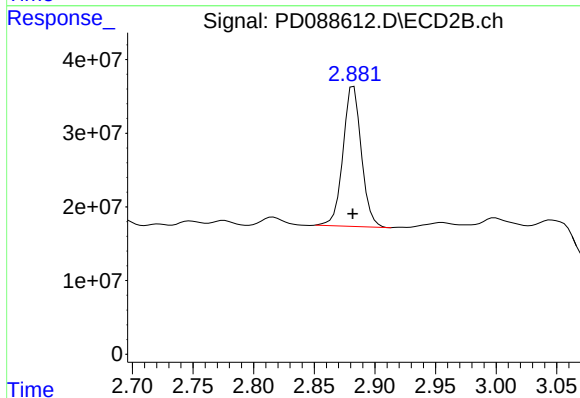




#1 Tetrachloro-m-xylene

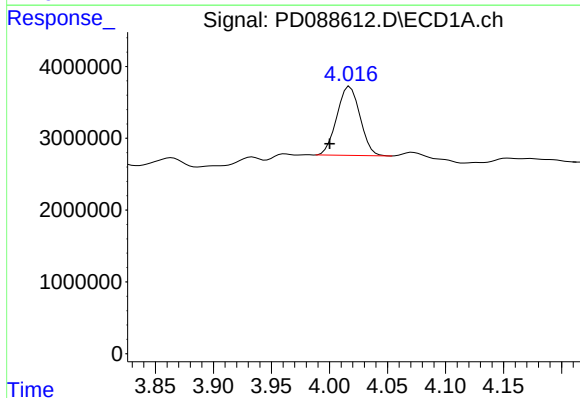
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 26801209  
Conc: 12.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



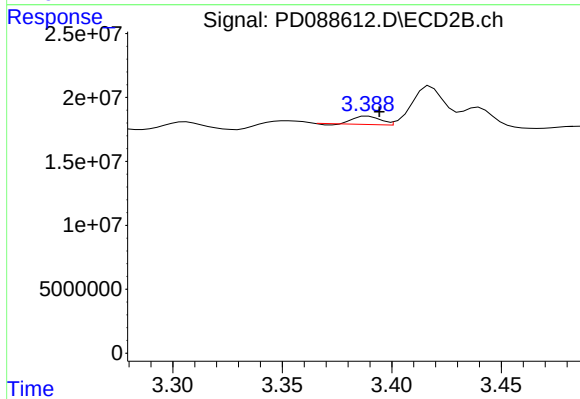
#1 Tetrachloro-m-xylene

R.T.: 2.883 min  
Delta R.T.: 0.000 min  
Response: 200487410  
Conc: 13.25 ng/ml



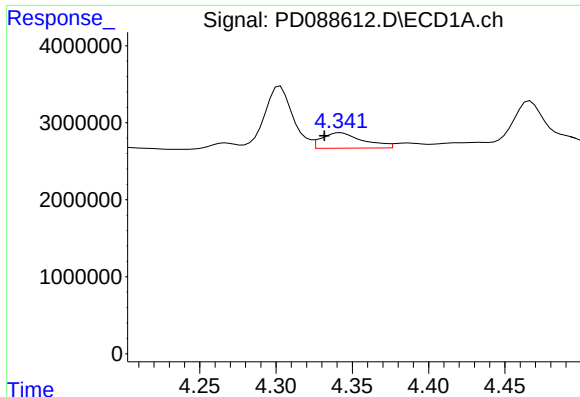
#2 alpha-BHC

R.T.: 4.018 min  
Delta R.T.: 0.017 min  
Response: 13360818  
Conc: 2.80 ng/ml



#2 alpha-BHC

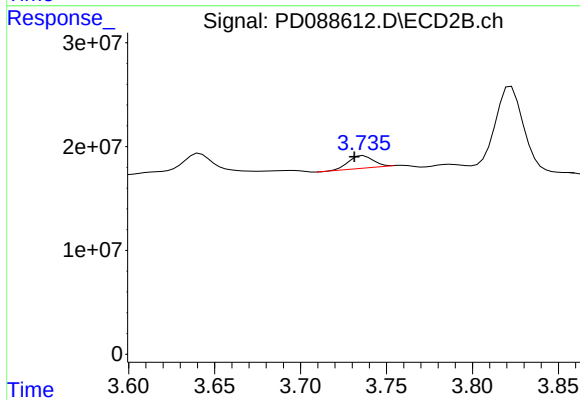
R.T.: 3.389 min  
Delta R.T.: -0.005 min  
Response: 5352549  
Conc: 0.22 ng/ml



#3 gamma-BHC (Lindane)

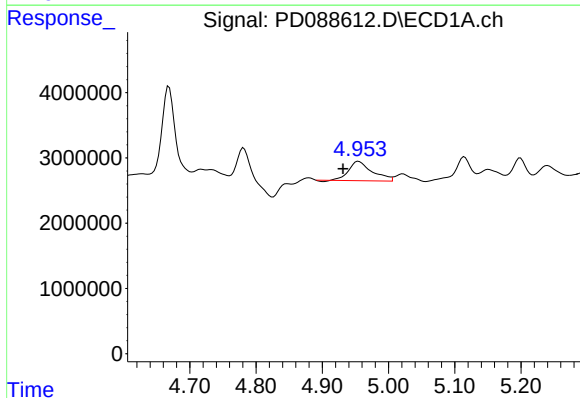
R.T.: 4.342 min  
Delta R.T.: 0.011 min  
Response: 3762427  
Conc: 0.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



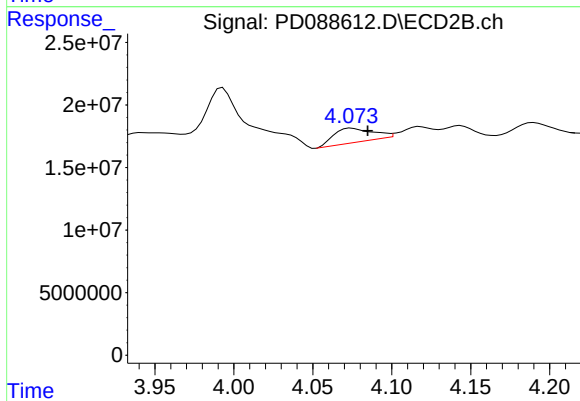
#3 gamma-BHC (Lindane)

R.T.: 3.737 min  
Delta R.T.: 0.005 min  
Response: 11750505  
Conc: 0.53 ng/ml



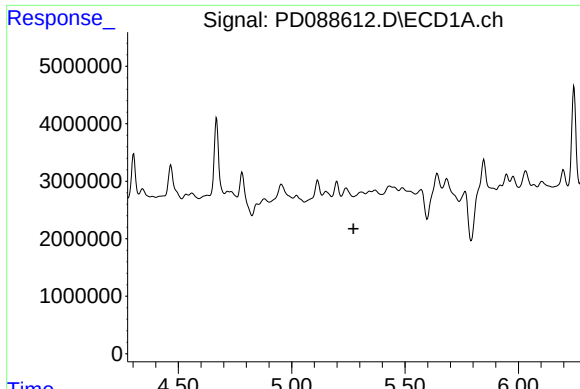
#4 Heptachlor

R.T.: 4.955 min  
Delta R.T.: 0.023 min  
Response: 7196213  
Conc: 1.61 ng/ml



#4 Heptachlor

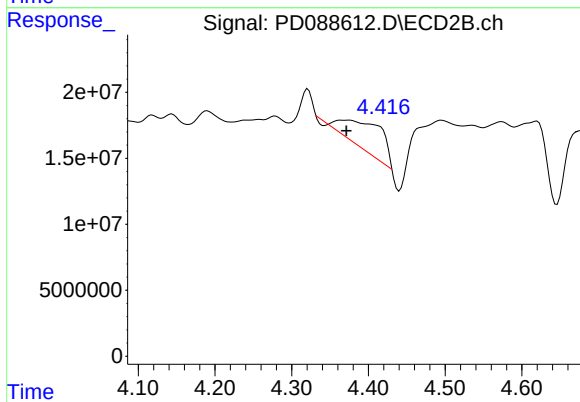
R.T.: 4.074 min  
Delta R.T.: -0.011 min  
Response: 19433072  
Conc: 0.87 ng/ml



#5 Aldrin

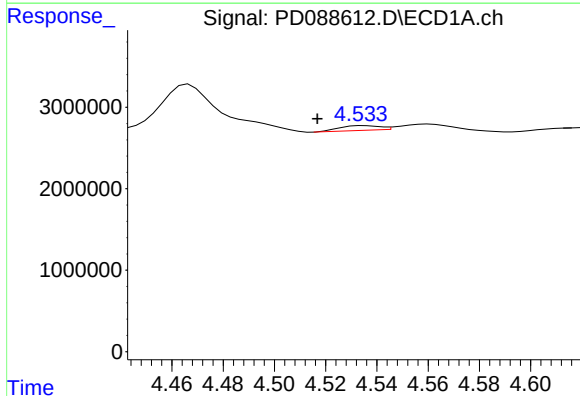
R.T.: 0.000 min  
Exp R.T. : 5.273 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



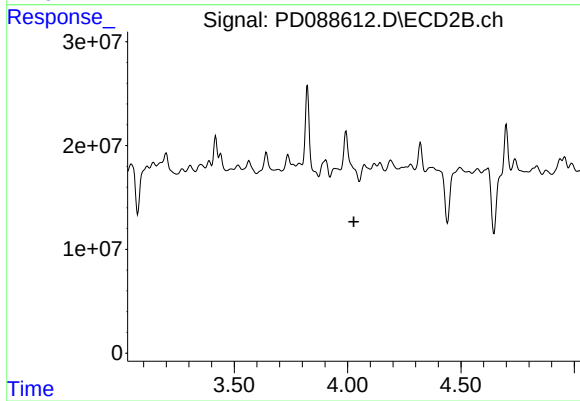
#5 Aldrin

R.T.: 4.375 min  
Delta R.T.: 0.003 min  
Response: 74033861  
Conc: 3.38 ng/ml



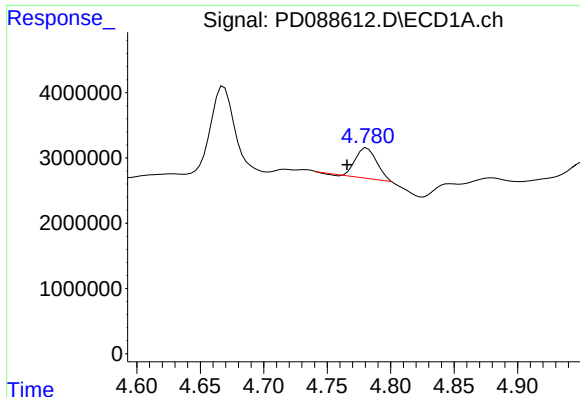
#6 beta-BHC

R.T.: 4.535 min  
Delta R.T.: 0.018 min  
Response: 632713  
Conc: 0.35 ng/ml



#6 beta-BHC

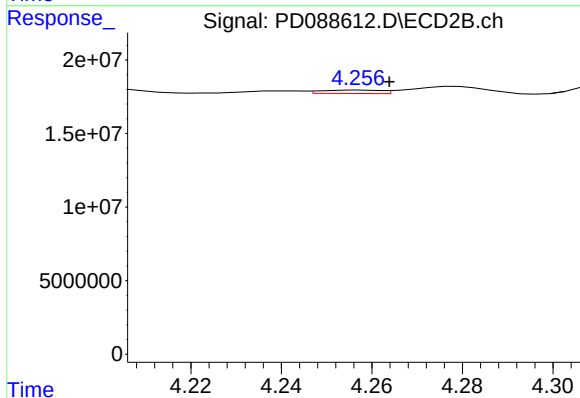
R.T.: 0.000 min  
Exp R.T. : 4.027 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

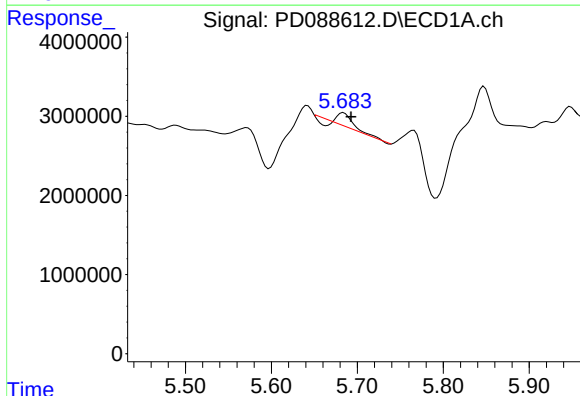
R.T.: 4.781 min  
Delta R.T.: 0.016 min  
Response: 5306519  
Conc: 1.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



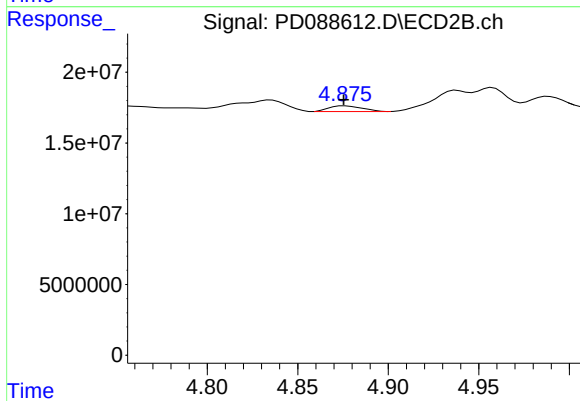
#7 delta-BHC

R.T.: 4.258 min  
Delta R.T.: -0.006 min  
Response: 2127695  
Conc: 0.10 ng/ml



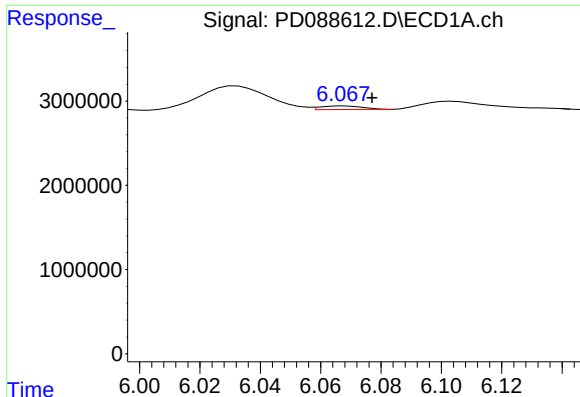
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.009 min  
Response: 1501646  
Conc: 0.38 ng/ml



#8 Heptachlor epoxide

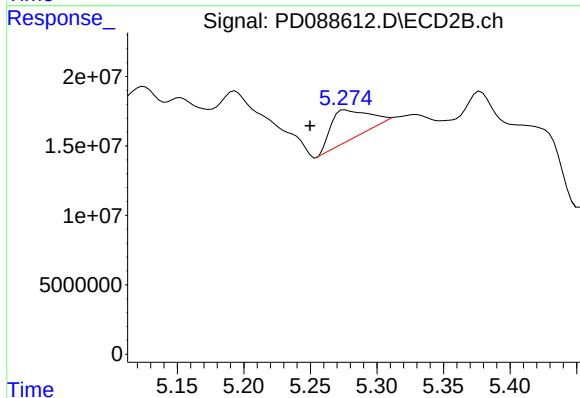
R.T.: 4.876 min  
Delta R.T.: 0.000 min  
Response: 5073020  
Conc: 0.26 ng/ml



#9 Endosulfan I

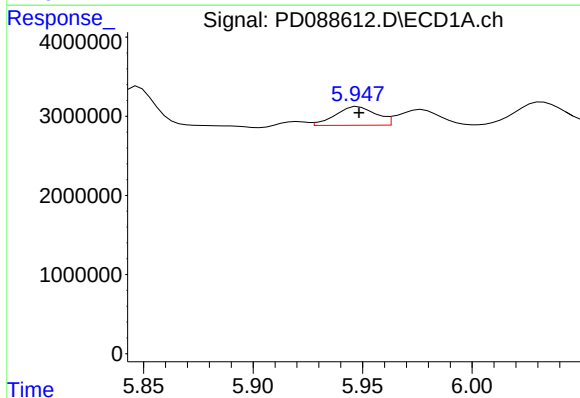
R.T.: 6.068 min  
Delta R.T.: -0.009 min  
Response: 423245  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



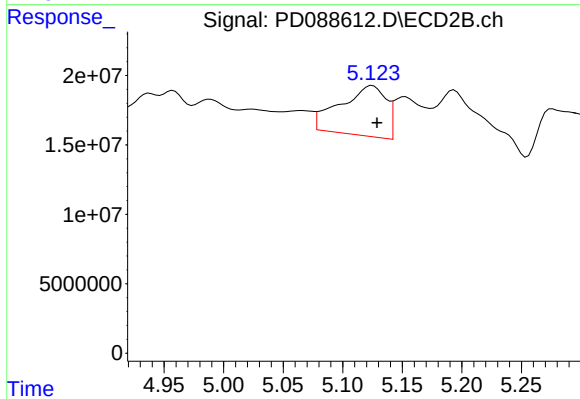
#9 Endosulfan I

R.T.: 5.276 min  
Delta R.T.: 0.026 min  
Response: 40395531  
Conc: 2.13 ng/ml



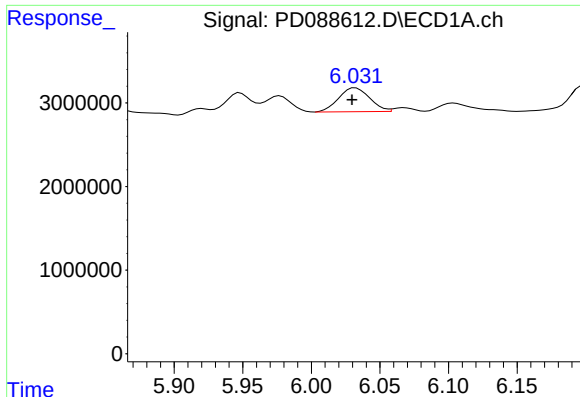
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 3029290  
Conc: 0.76 ng/ml



#10 gamma-Chlordane

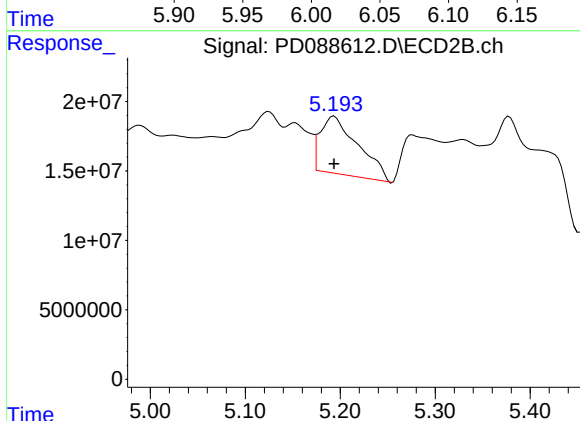
R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 97203316  
Conc: 4.56 ng/ml



#11 alpha-Chlordane

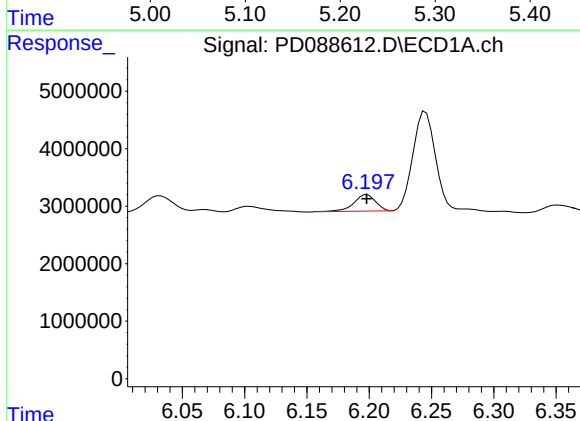
R.T.: 6.032 min  
Delta R.T.: 0.002 min  
Response: 4498268  
Conc: 1.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



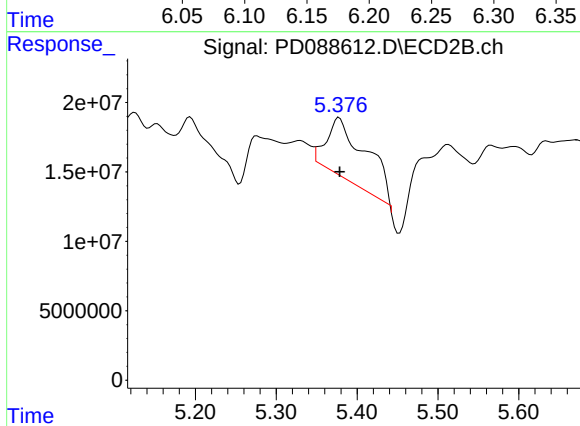
#11 alpha-Chlordane

R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 115104674  
Conc: 5.58 ng/ml



#12 4,4'-DDE

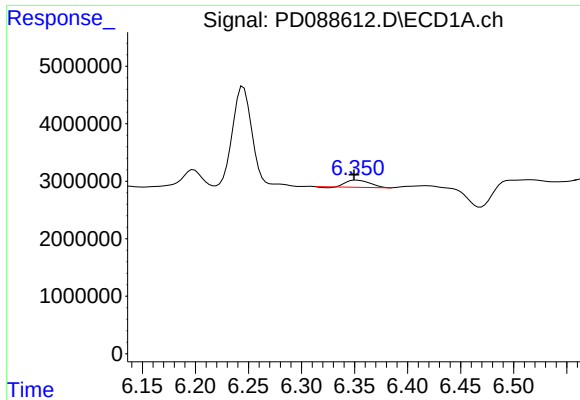
R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 3521912  
Conc: 0.98 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 144230991  
Conc: 6.90 ng/ml

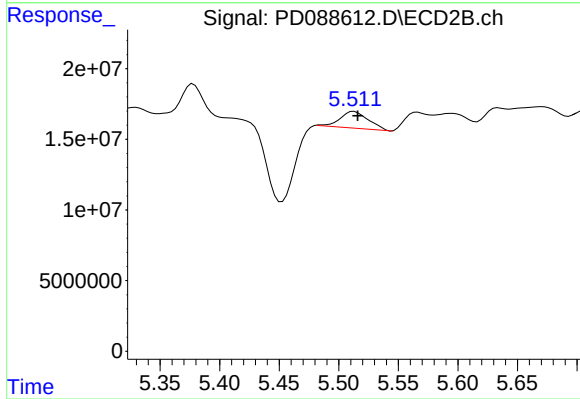




#13 Dieldrin

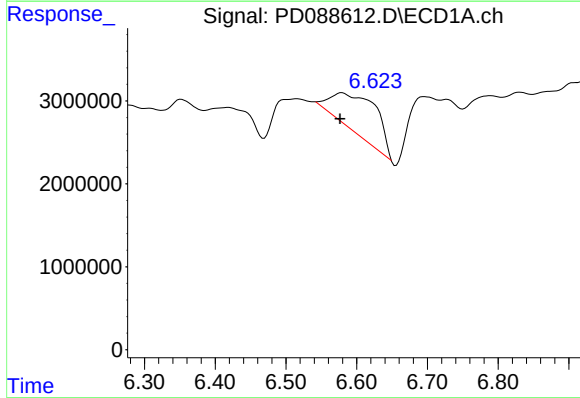
R.T.: 6.352 min  
Delta R.T.: 0.002 min  
Response: 1873444  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



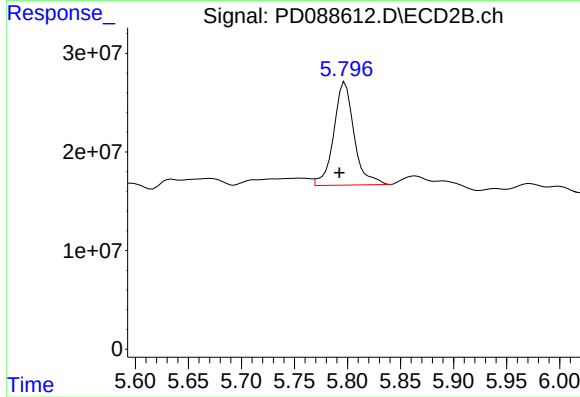
#13 Dieldrin

R.T.: 5.513 min  
Delta R.T.: -0.003 min  
Response: 19623560  
Conc: 0.93 ng/ml



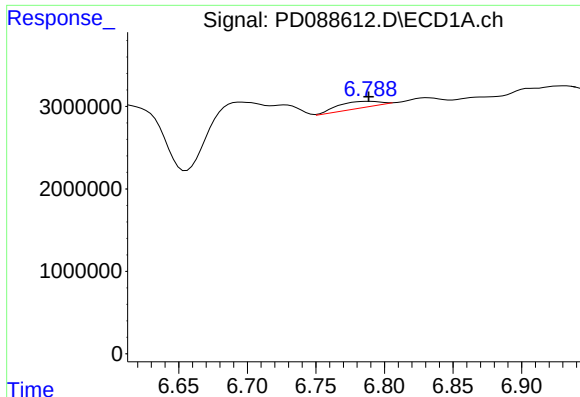
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.003 min  
Response: 19915532  
Conc: 5.83 ng/ml



#14 Endrin

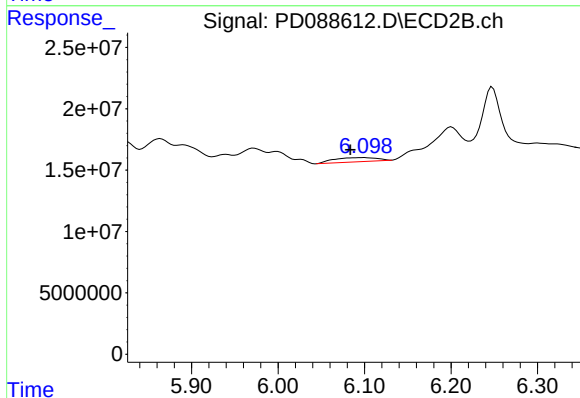
R.T.: 5.798 min  
Delta R.T.: 0.006 min  
Response: 139686535  
Conc: 7.24 ng/ml



#15 Endosulfan II

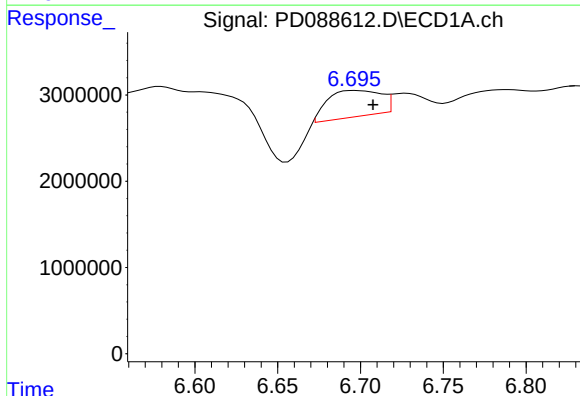
R.T.: 6.789 min  
Delta R.T.: 0.000 min  
Response: 1666258  
Conc: 0.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



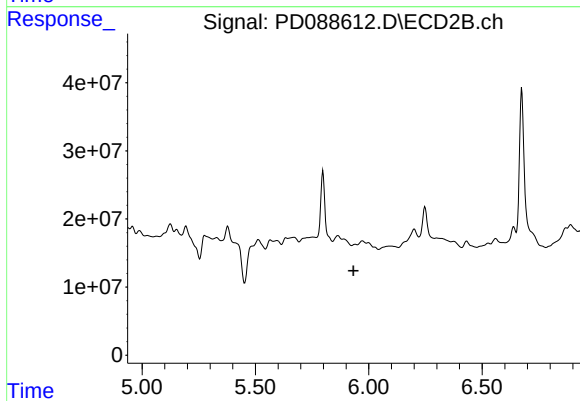
#15 Endosulfan II

R.T.: 6.099 min  
Delta R.T.: 0.015 min  
Response: 11706564  
Conc: 0.64 ng/ml



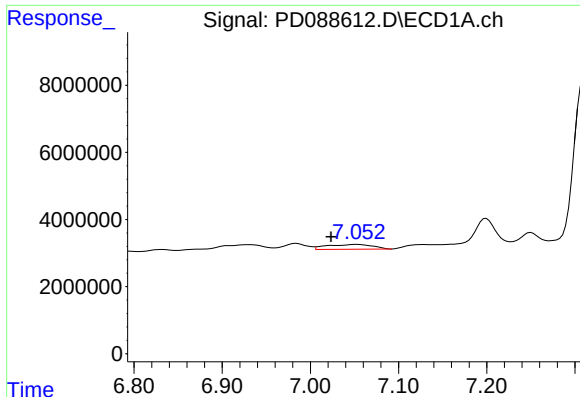
#16 4,4'-DDD

R.T.: 6.696 min  
Delta R.T.: -0.012 min  
Response: 6727512  
Conc: 2.42 ng/ml



#16 4,4'-DDD

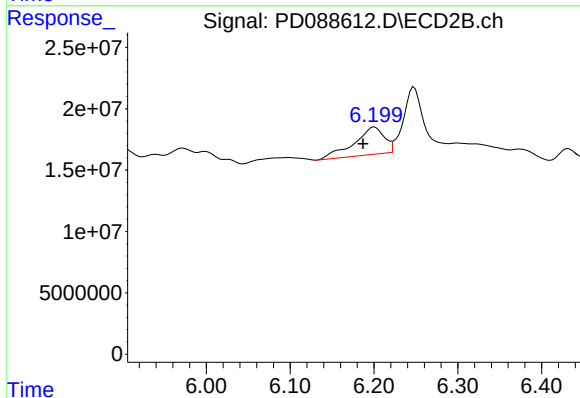
R.T.: 5.940 min  
Delta R.T.: 0.007 min  
Response: -3236891  
Conc: N.D.



#17 4,4'-DDT

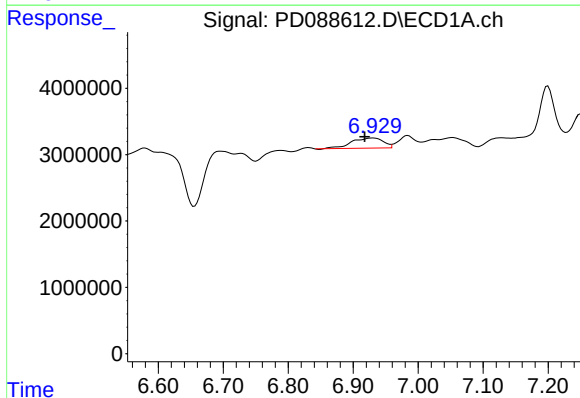
R.T.: 7.053 min  
Delta R.T.: 0.030 min  
Response: 5138411  
Conc: 1.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



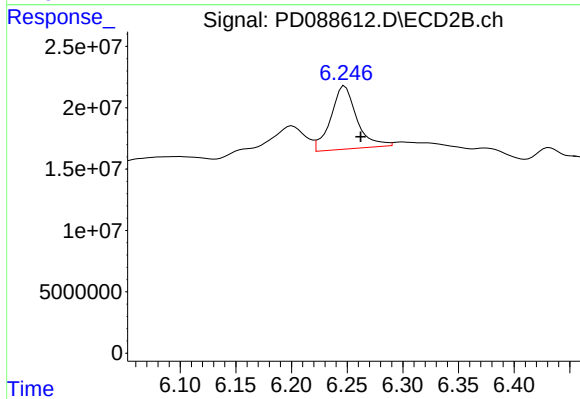
#17 4,4'-DDT

R.T.: 6.201 min  
Delta R.T.: 0.014 min  
Response: 55731184  
Conc: 3.07 ng/ml



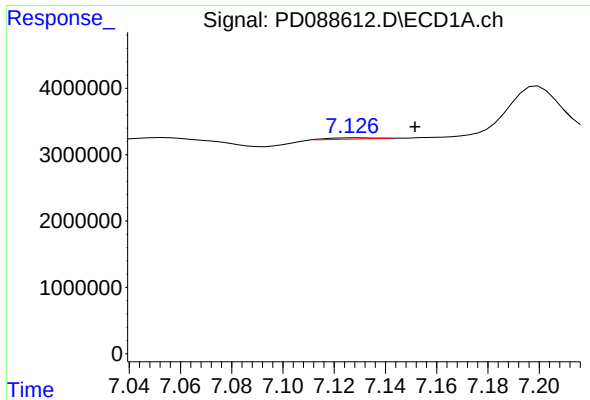
#18 Endrin aldehyde

R.T.: 6.931 min  
Delta R.T.: 0.013 min  
Response: 5174803  
Conc: 2.01 ng/ml



#18 Endrin aldehyde

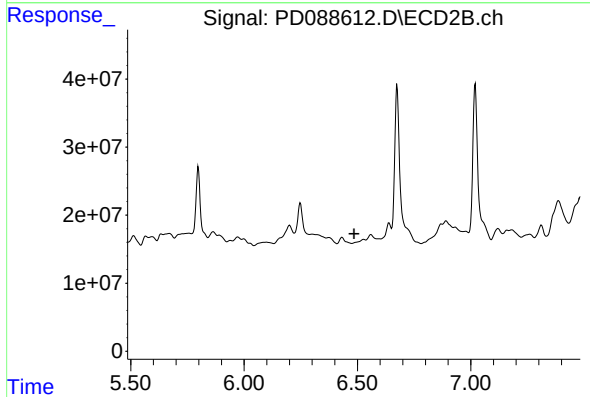
R.T.: 6.248 min  
Delta R.T.: -0.014 min  
Response: 83549139  
Conc: 6.00 ng/ml



#19 Endosulfan Sulfate

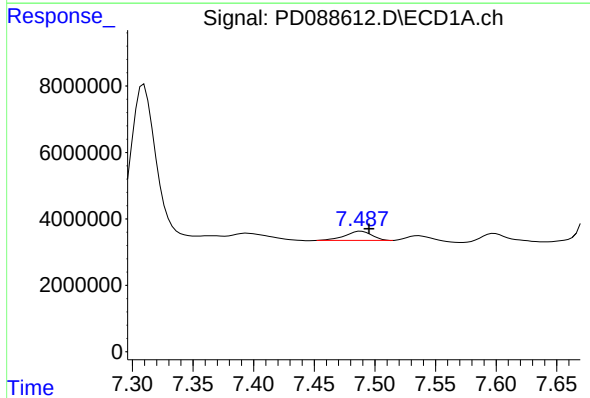
R.T.: 7.129 min  
Delta R.T.: -0.023 min  
Response: 211566  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



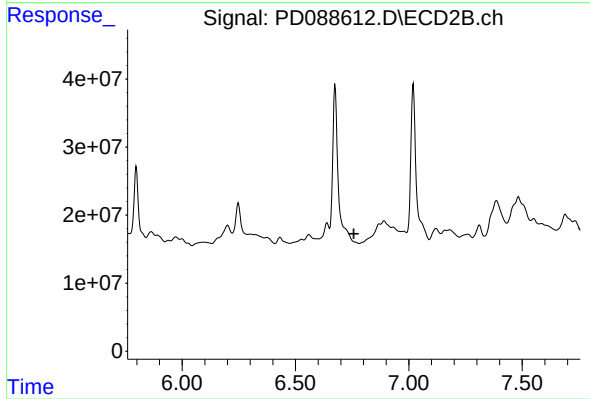
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.486 min  
Response: 0  
Conc: N.D.



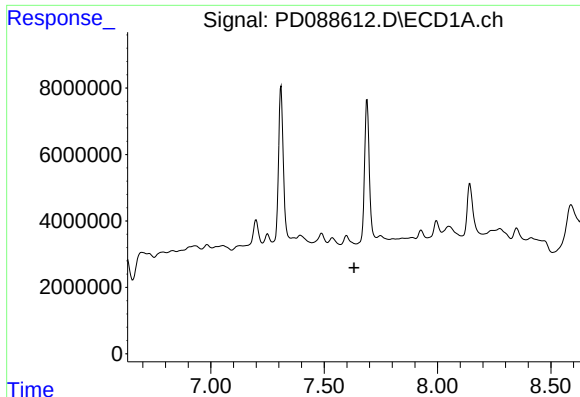
#20 Methoxychlor

R.T.: 7.489 min  
Delta R.T.: -0.007 min  
Response: 4280522  
Conc: 2.56 ng/ml



#20 Methoxychlor

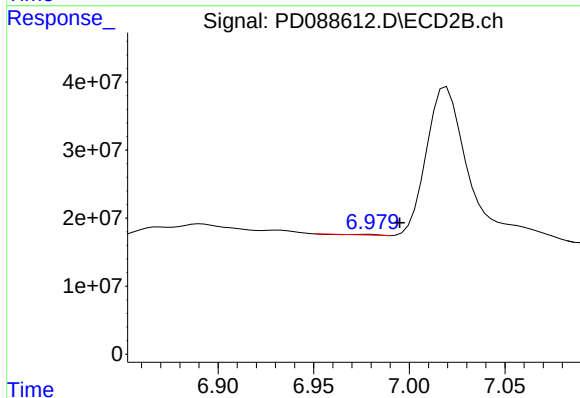
R.T.: 0.000 min  
Exp R.T. : 6.758 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

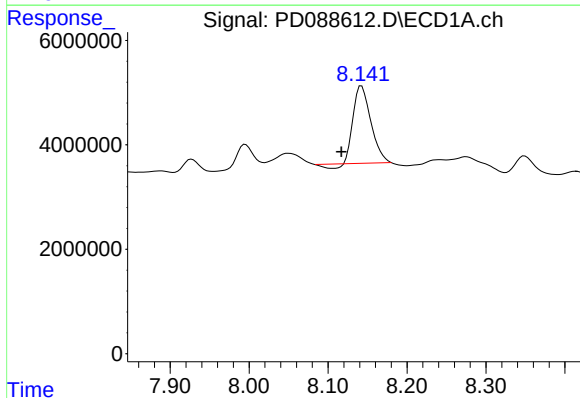
R.T.: 0.000 min  
Exp R.T.: 7.633 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



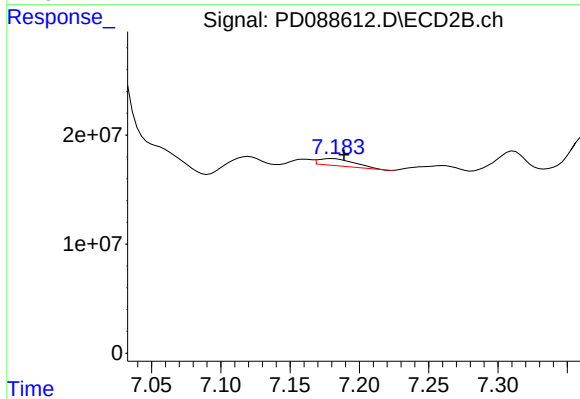
#21 Endrin ketone

R.T.: 6.978 min  
Delta R.T.: -0.017 min  
Response: 505730  
Conc: 0.03 ng/ml



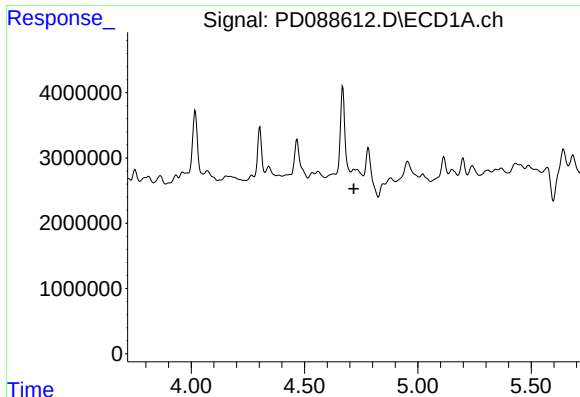
#22 Mirex

R.T.: 8.143 min  
Delta R.T.: 0.026 min  
Response: 22512016  
Conc: 8.66 ng/ml



#22 Mirex

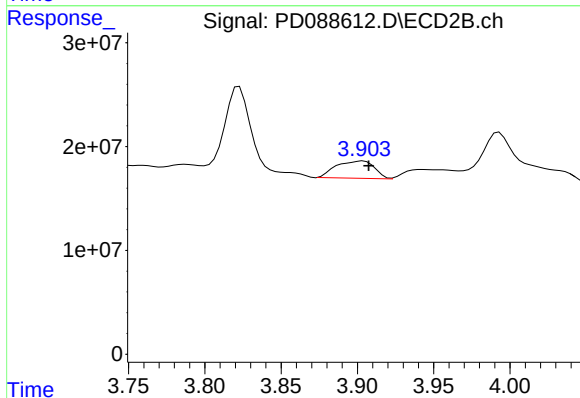
R.T.: 7.181 min  
Delta R.T.: -0.008 min  
Response: 11544622  
Conc: 0.76 ng/ml



#23 Chlordane-1

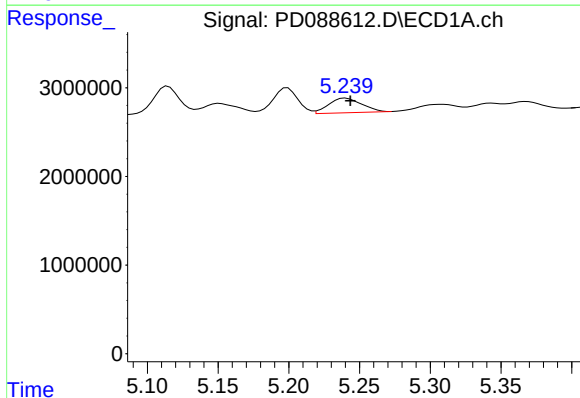
R.T.: 4.718 min  
Delta R.T.: 0.000 min  
Response: -1366483  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



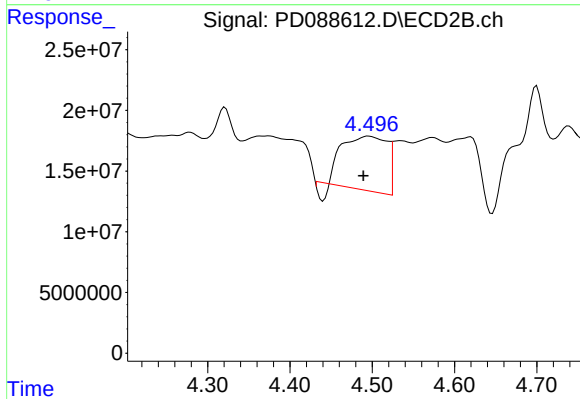
#23 Chlordane-1

R.T.: 3.904 min  
Delta R.T.: -0.004 min  
Response: 28944406  
Conc: 35.03 ng/ml



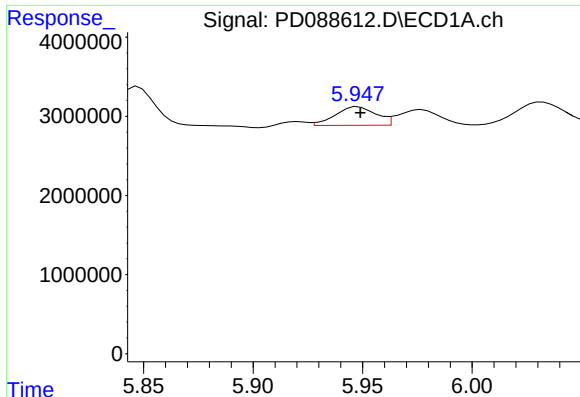
#24 Chlordane-2

R.T.: 5.240 min  
Delta R.T.: -0.003 min  
Response: 2669031  
Conc: 14.54 ng/ml



#24 Chlordane-2

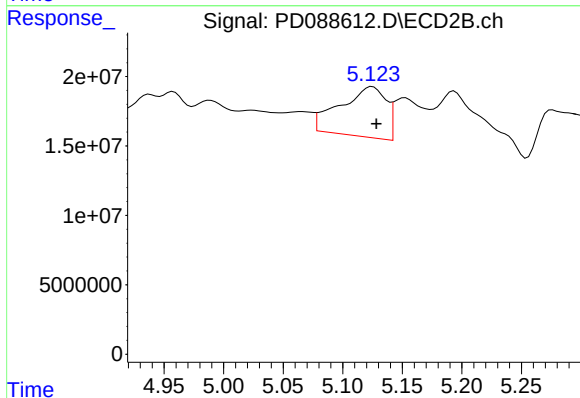
R.T.: 4.496 min  
Delta R.T.: 0.006 min  
Response: 162369678  
Conc: 192.38 ng/ml



#25 Chlordane-3

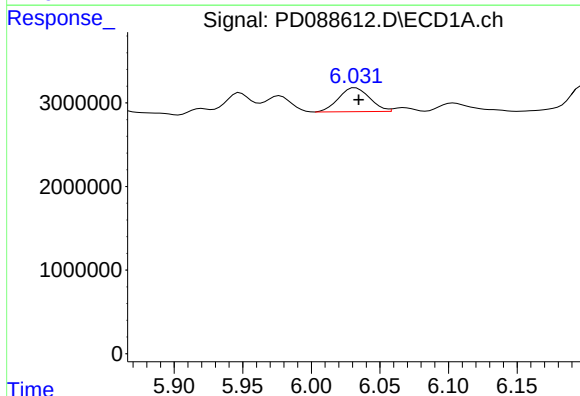
R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 3029290  
Conc: 4.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



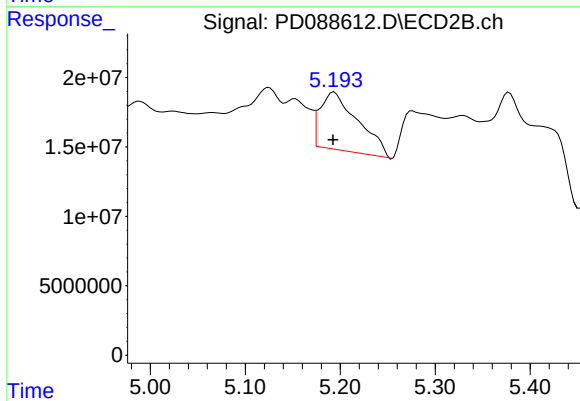
#25 Chlordane-3

R.T.: 5.125 min  
Delta R.T.: -0.003 min  
Response: 97203316  
Conc: 36.86 ng/ml



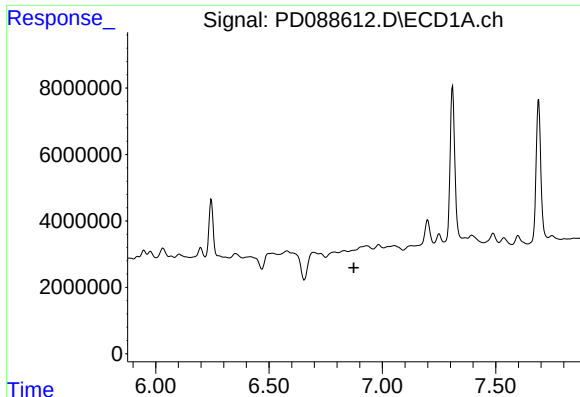
#26 Chlordane-4

R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 4498268  
Conc: 5.02 ng/ml



#26 Chlordane-4

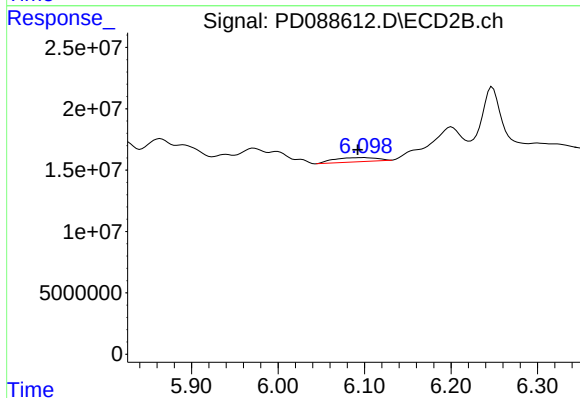
R.T.: 5.194 min  
Delta R.T.: 0.001 min  
Response: 115104674  
Conc: 52.02 ng/ml



#27 Chlordane-5

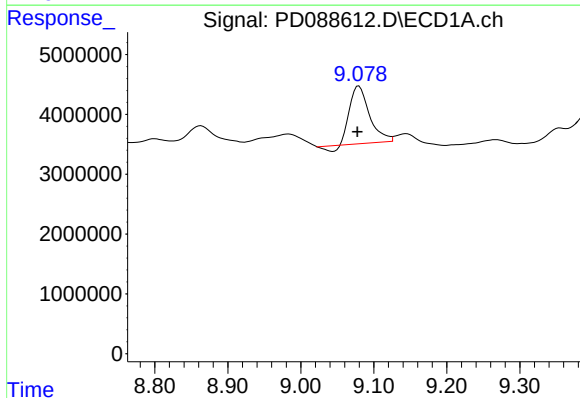
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OU4-TS-28-050725RE



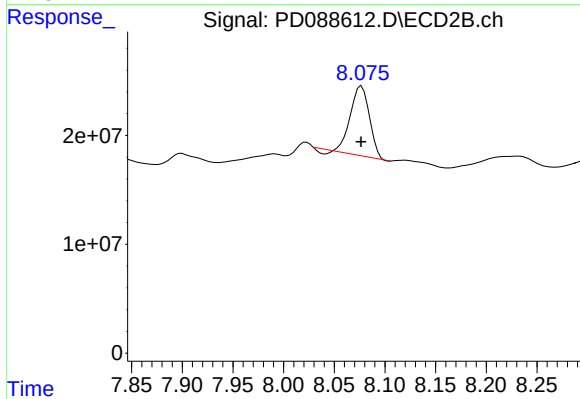
#27 Chlordane-5

R.T.: 6.099 min  
Delta R.T.: 0.007 min  
Response: 11706564  
Conc: 11.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min  
Delta R.T.: 0.002 min  
Response: 17602620  
Conc: 5.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.077 min  
Delta R.T.: 0.000 min  
Response: 82142980  
Conc: 4.50 ng/ml