

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052121\  
 Data File : PD063179.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2021 19:00  
 Operator : AR\AJ  
 Sample : TOXAPHENE304  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TOXAPH3202

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 21 01:51:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052121CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 21 01:37:02 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.440  | 3.970  | 20464023 | 211.3E6  | 18.094   | 18.024     |
| 27)                         | SA Decachlor... | 8.193  | 9.022  | 49333372 | 425.1E6  | 37.932   | 38.330     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | MA gamma-BHC... | 0.000  | 4.646  | 0        | 449227   | N.D.     | <MDL       |
| 4)                          | MA Heptachlor   | 4.418f | 5.142  | 881988   | 4462717  | 0.568    | 0.265 #    |
| 5)                          | MB Aldrin       | 4.734f | 5.438  | 3170401  | 13391402 | 2.116    | 0.834 #    |
| 6)                          | B beta-BHC      | 4.418  | 4.813  | 881988   | 136024   | 1.201    | <MDL #     |
| 7)                          | B delta-BHC     | 0.000  | 5.025  | 0        | 16184094 | N.D.     | 0.901      |
| 8)                          | B Heptachlo...  | 5.146  | 5.847  | 4368927  | 59343233 | 3.105    | 3.813      |
| 9)                          | A Endosulfan I  | 5.500  | 6.172  | 2230861  | 50981375 | 1.692    | 3.551 #    |
| 10)                         | B trans-Chl...  | 5.401  | 6.049  | 12863171 | 30395154 | 8.941    | 1.961 #    |
| 11)                         | B cis-Chlor...  | 5.455  | 6.172  | 2063786  | 50981375 | 1.462    | 3.429 #    |
| 12)                         | B 4,4'-DDE      | 5.597  | 6.287  | 7226168  | 68493676 | 5.038    | 4.534      |
| 14)                         | MA Endrin       | 5.992  | 6.677  | 22256369 | 41620971 | 16.797   | 3.281 #    |
| 15)                         | B Endosulfa...  | 6.216f | 6.837f | 10314304 | 292.3E6  | 8.683    | 23.774 #   |
| 16)                         | A 4,4'-DDD      | 6.101  | 6.792  | 2246446  | 80530413 | 1.896    | 6.651 #    |
| 17)                         | MA 4,4'-DDT     | 6.345  | 7.125  | 8165540  | 453.3E6  | 6.772    | 37.485 #   |
| 18)                         | B Endrin al...  | 6.407  | 6.983  | 6788254  | 18217845 | 6.258    | 1.727 #    |
| 19)                         | B Endosulfa...  | 6.646  | 7.210  | 4628921  | 292.7E6  | 4.082    | 24.035 #   |
| 20)                         | A Methoxychlor  | 6.895  | 7.585f | 34709503 | -2378500 | 49.786   | N.D. #     |
| 21)                         | B Endrin ke...  | 7.200f | 7.674  | 4864810  | 16707318 | 3.427    | 1.442 #    |
| 22)                         | Toxaphene-1     | 5.724  | 6.352  | -4203874 | 71977008 | N.D.     | 1130.186   |
| 23)                         | Toxaphene-2     | 5.855  | 6.642  | 16731376 | 44539566 | 1876.307 | 561.443 #  |
| 24)                         | Toxaphene-3     | 6.141  | 6.983  | 2601239  | 18217845 | 272.224  | 162.982 #  |
| 25)                         | Toxaphene-4     | 6.345  | 7.125  | 8165540  | 453.3E6  | 350.527  | 1504.237 # |
| 26)                         | Toxaphene-5     | 7.029  | 7.624  | 51849919 | 320.8E6  | 1969.137 | 2446.283   |
| -----                       |                 |        |        |          |          |          |            |

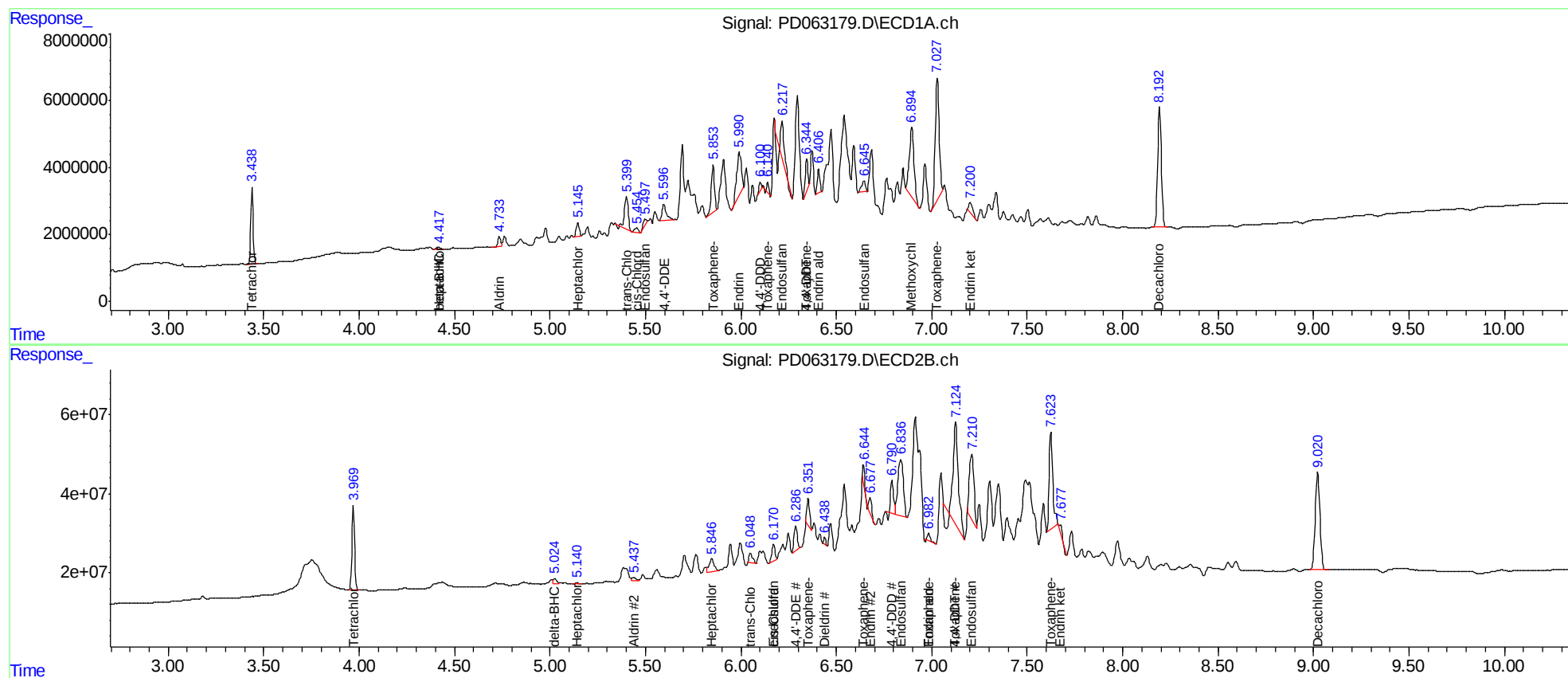
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

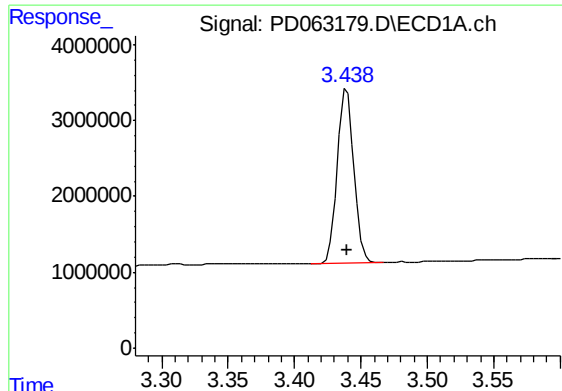
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052121\  
Data File : PD063179.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 May 2021 19:00  
Operator : AR\AJ  
Sample : TOXAPHENE304  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
TOXAPH3202

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 21 01:51:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052121CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri May 21 01:37:02 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

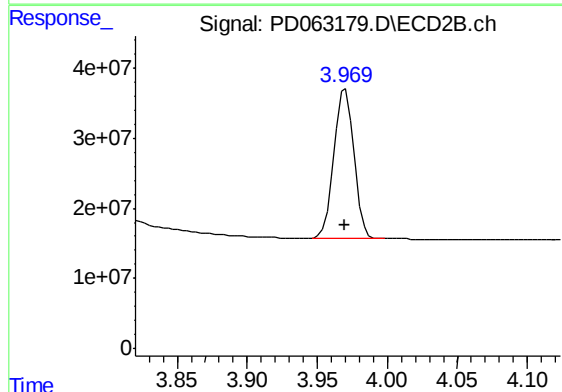




#1 Tetrachloro-m-xylene

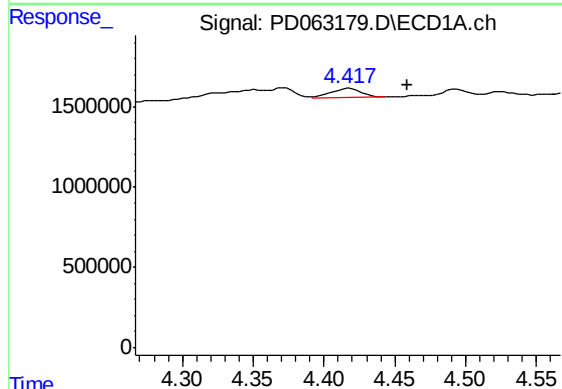
R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 20464023  
Conc: 18.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



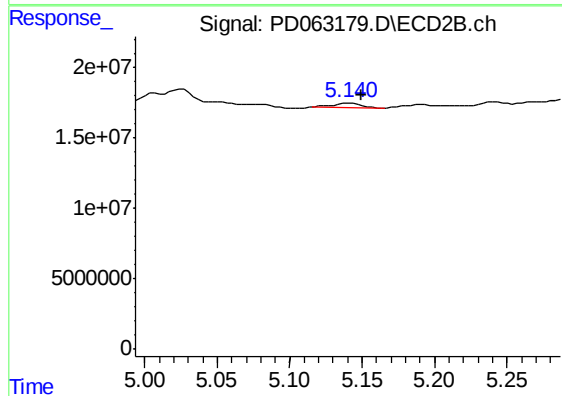
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 211302659  
Conc: 18.02 ng/ml



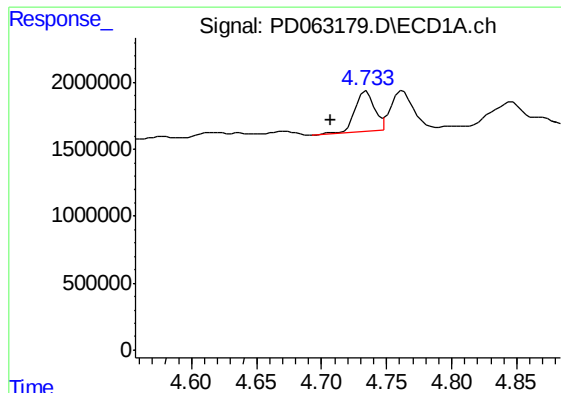
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: -0.041 min  
Response: 881988  
Conc: 0.57 ng/ml



#4 Heptachlor

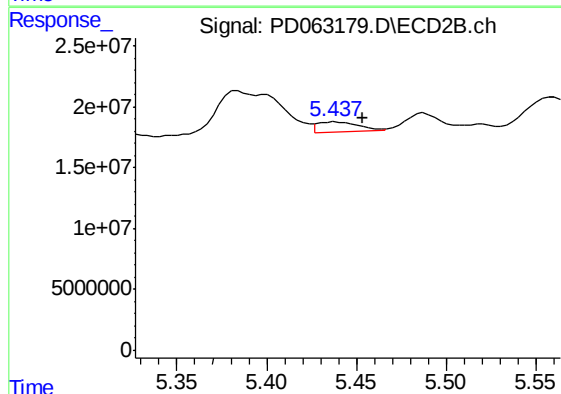
R.T.: 5.142 min  
Delta R.T.: -0.007 min  
Response: 4462717  
Conc: 0.27 ng/ml



#5 Aldrin

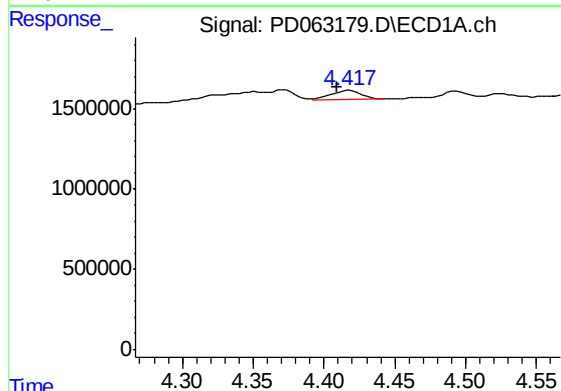
R.T.: 4.734 min  
Delta R.T.: 0.027 min  
Response: 3170401  
Conc: 2.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



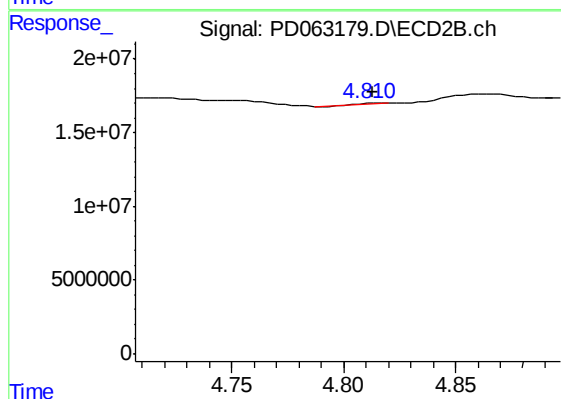
#5 Aldrin

R.T.: 5.438 min  
Delta R.T.: -0.015 min  
Response: 13391402  
Conc: 0.83 ng/ml



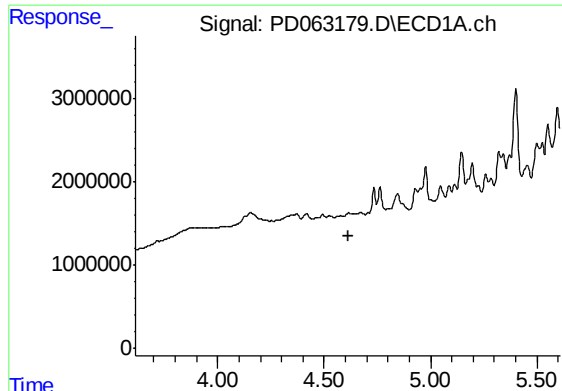
#6 beta-BHC

R.T.: 4.418 min  
Delta R.T.: 0.009 min  
Response: 881988  
Conc: 1.20 ng/ml



#6 beta-BHC

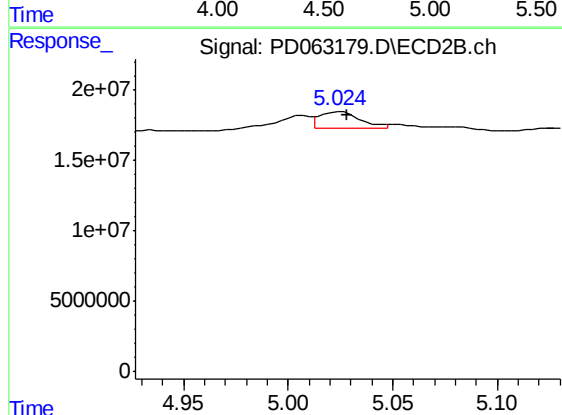
R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 136024  
Conc: N.D.



#7 delta-BHC

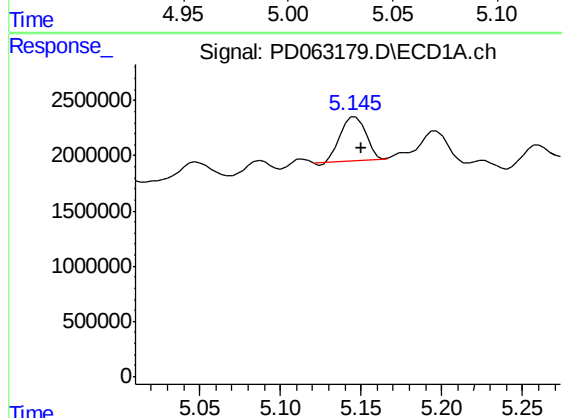
R.T.: 0.000 min  
Exp R.T.: 4.613 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



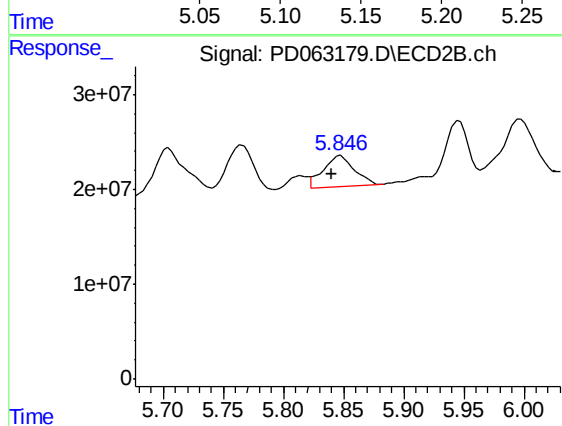
#7 delta-BHC

R.T.: 5.025 min  
Delta R.T.: -0.003 min  
Response: 16184094  
Conc: 0.90 ng/ml



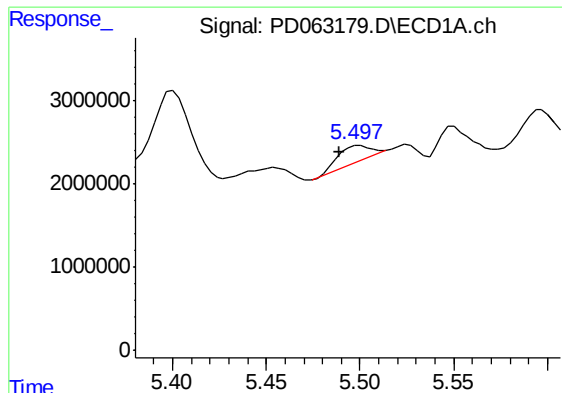
#8 Heptachlor epoxide

R.T.: 5.146 min  
Delta R.T.: -0.004 min  
Response: 4368927  
Conc: 3.11 ng/ml



#8 Heptachlor epoxide

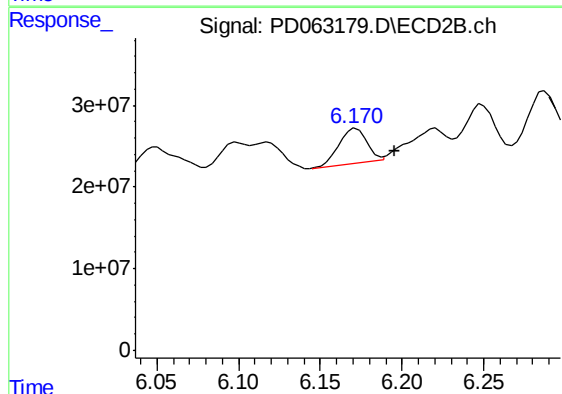
R.T.: 5.847 min  
Delta R.T.: 0.007 min  
Response: 59343233  
Conc: 3.81 ng/ml



#9 Endosulfan I

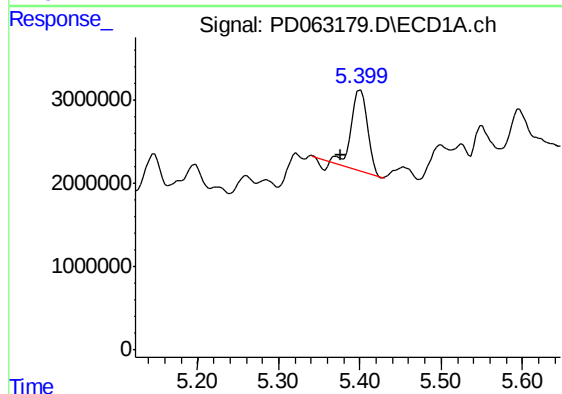
R.T.: 5.500 min  
Delta R.T.: 0.011 min  
Response: 2230861  
Conc: 1.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



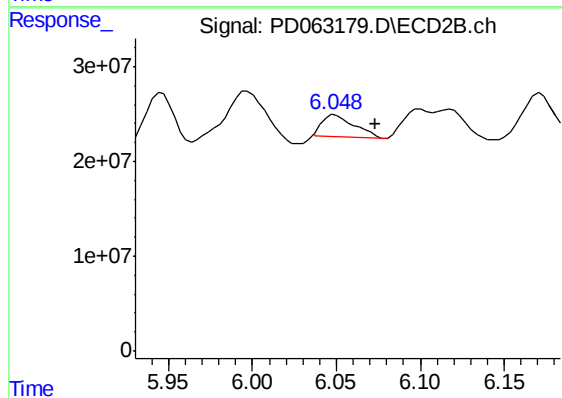
#9 Endosulfan I

R.T.: 6.172 min  
Delta R.T.: -0.024 min  
Response: 50981375  
Conc: 3.55 ng/ml



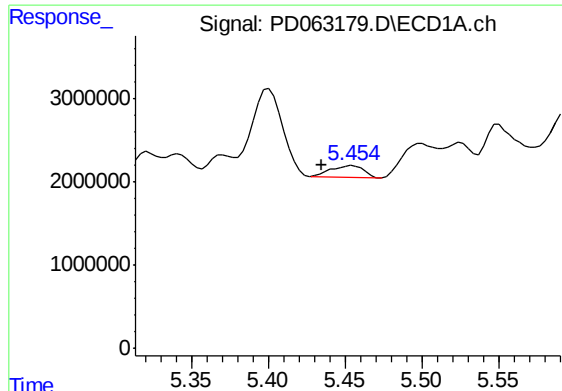
#10 trans-Chlordane

R.T.: 5.401 min  
Delta R.T.: 0.024 min  
Response: 12863171  
Conc: 8.94 ng/ml



#10 trans-Chlordane

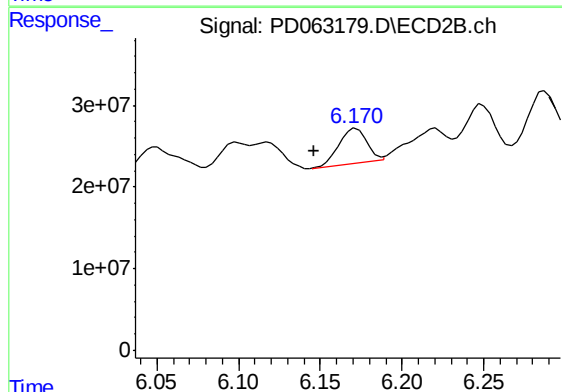
R.T.: 6.049 min  
Delta R.T.: -0.024 min  
Response: 30395154  
Conc: 1.96 ng/ml



#11 cis-Chlordane

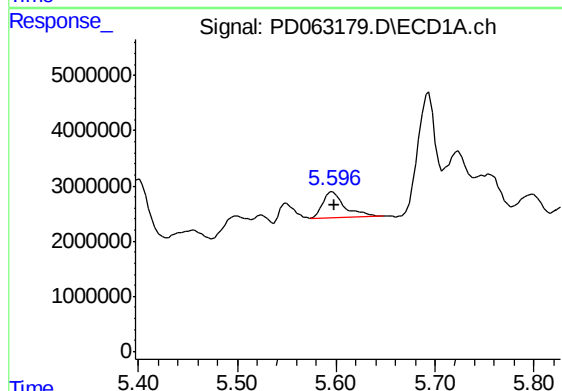
R.T.: 5.455 min  
Delta R.T.: 0.020 min  
Response: 2063786  
Conc: 1.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



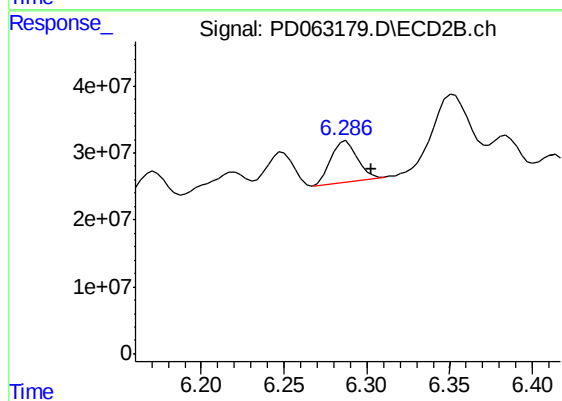
#11 cis-Chlordane

R.T.: 6.172 min  
Delta R.T.: 0.026 min  
Response: 50981375  
Conc: 3.43 ng/ml



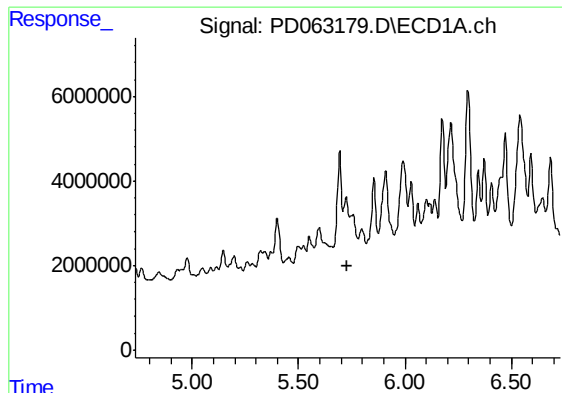
#12 4,4'-DDE

R.T.: 5.597 min  
Delta R.T.: -0.002 min  
Response: 7226168  
Conc: 5.04 ng/ml



#12 4,4'-DDE

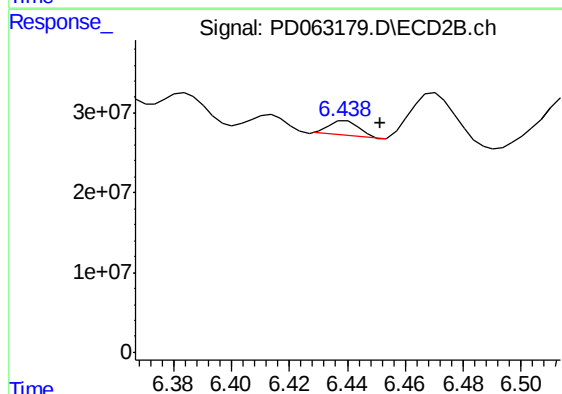
R.T.: 6.287 min  
Delta R.T.: -0.015 min  
Response: 68493676  
Conc: 4.53 ng/ml



#13 Dieldrin

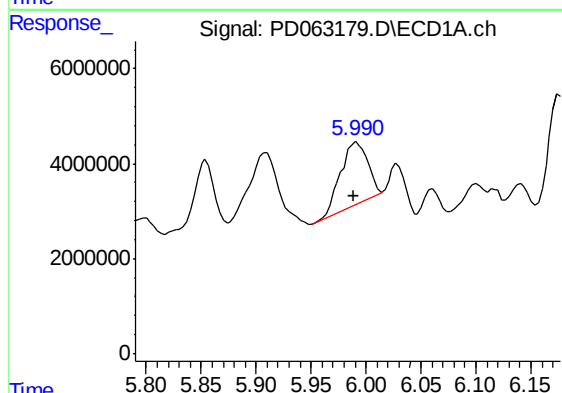
R.T.: 5.724 min  
Delta R.T.: -0.008 min  
Response: -4203874  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



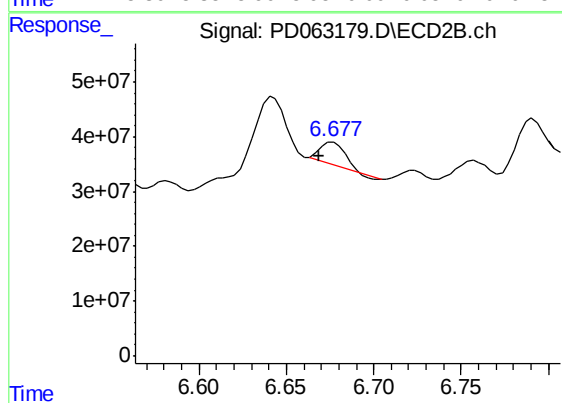
#13 Dieldrin

R.T.: 6.440 min  
Delta R.T.: -0.012 min  
Response: 13262431  
Conc: 0.86 ng/ml



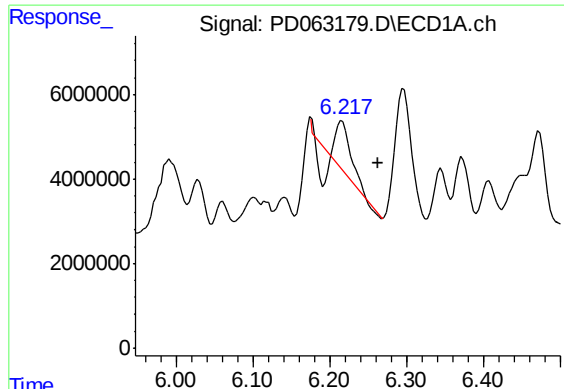
#14 Endrin

R.T.: 5.992 min  
Delta R.T.: 0.002 min  
Response: 22256369  
Conc: 16.80 ng/ml



#14 Endrin

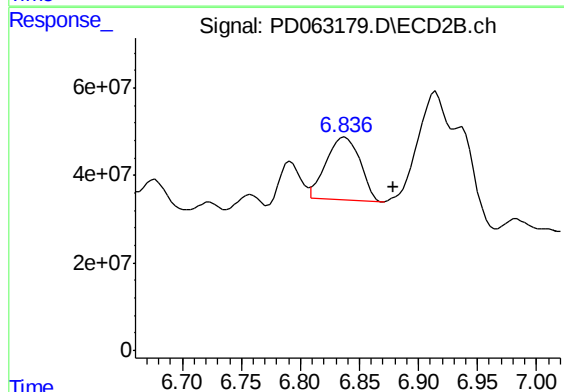
R.T.: 6.677 min  
Delta R.T.: 0.008 min  
Response: 41620971  
Conc: 3.28 ng/ml



#15 Endosulfan II

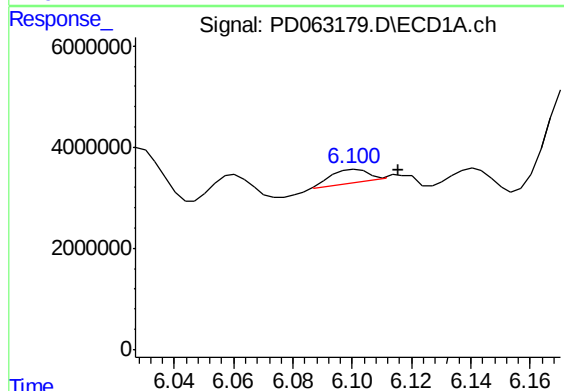
R.T.: 6.216 min  
Delta R.T.: -0.046 min  
Response: 10314304  
Conc: 8.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



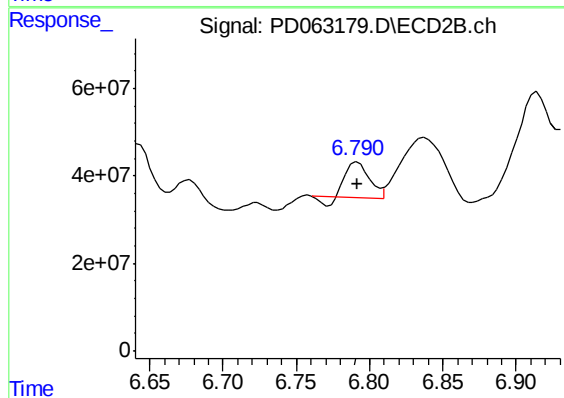
#15 Endosulfan II

R.T.: 6.837 min  
Delta R.T.: -0.041 min  
Response: 292311405  
Conc: 23.77 ng/ml



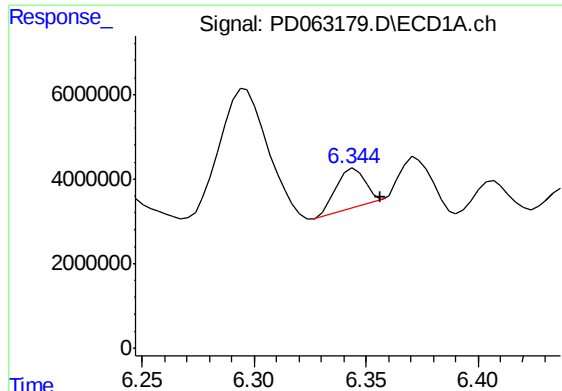
#16 4,4'-DDD

R.T.: 6.101 min  
Delta R.T.: -0.014 min  
Response: 2246446  
Conc: 1.90 ng/ml



#16 4,4'-DDD

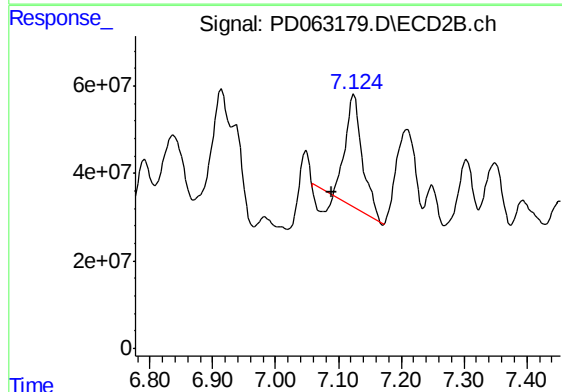
R.T.: 6.792 min  
Delta R.T.: 0.000 min  
Response: 80530413  
Conc: 6.65 ng/ml



#17 4,4'-DDT

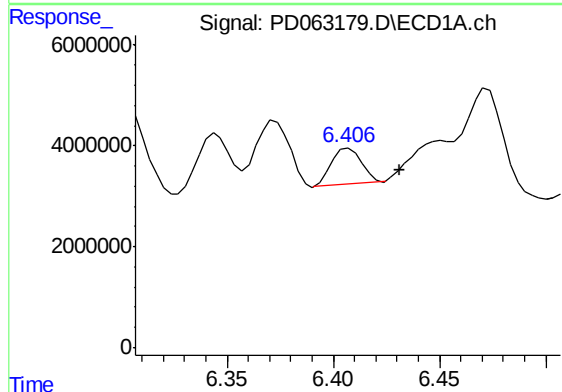
R.T.: 6.345 min  
Delta R.T.: -0.011 min  
Response: 8165540  
Conc: 6.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



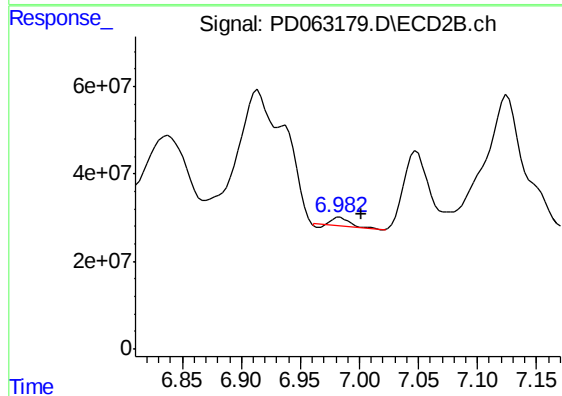
#17 4,4'-DDT

R.T.: 7.125 min  
Delta R.T.: 0.035 min  
Response: 453297568  
Conc: 37.49 ng/ml



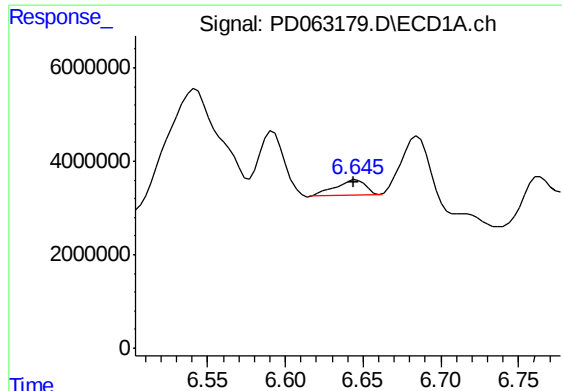
#18 Endrin aldehyde

R.T.: 6.407 min  
Delta R.T.: -0.024 min  
Response: 6788254  
Conc: 6.26 ng/ml



#18 Endrin aldehyde

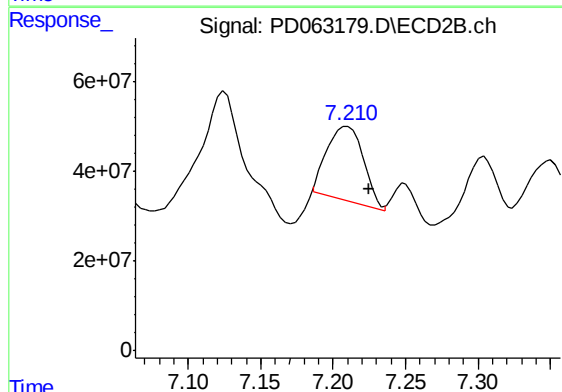
R.T.: 6.983 min  
Delta R.T.: -0.018 min  
Response: 18217845  
Conc: 1.73 ng/ml



#19 Endosulfan Sulfate

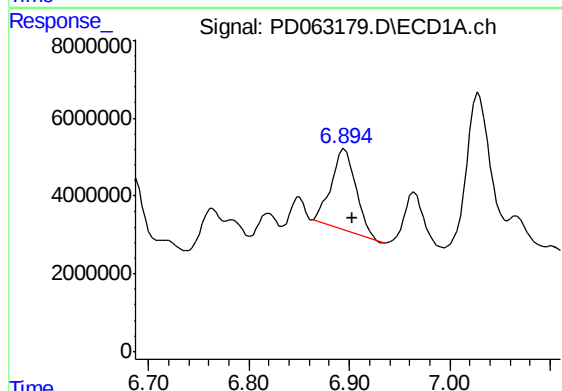
R.T.: 6.646 min  
Delta R.T.: 0.002 min  
Response: 4628921  
Conc: 4.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



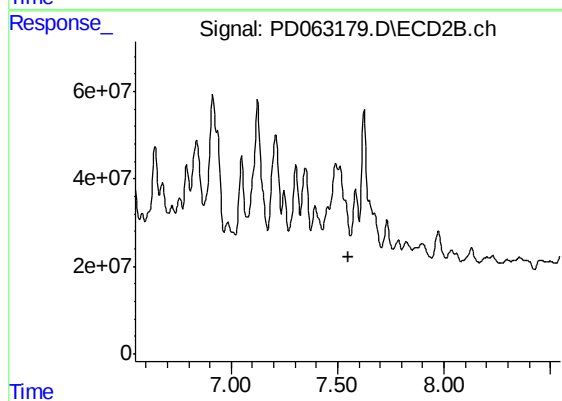
#19 Endosulfan Sulfate

R.T.: 7.210 min  
Delta R.T.: -0.015 min  
Response: 292700371  
Conc: 24.03 ng/ml



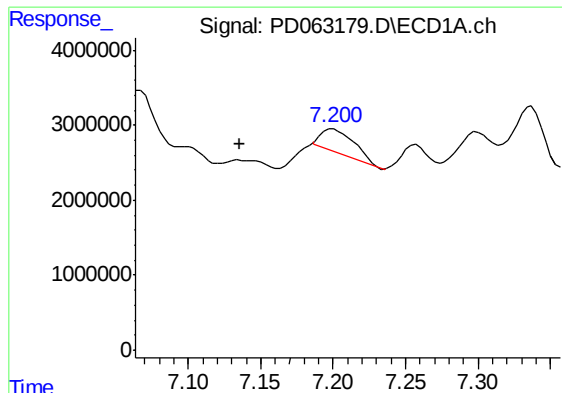
#20 Methoxychlor

R.T.: 6.895 min  
Delta R.T.: -0.008 min  
Response: 34709503  
Conc: 49.79 ng/ml



#20 Methoxychlor

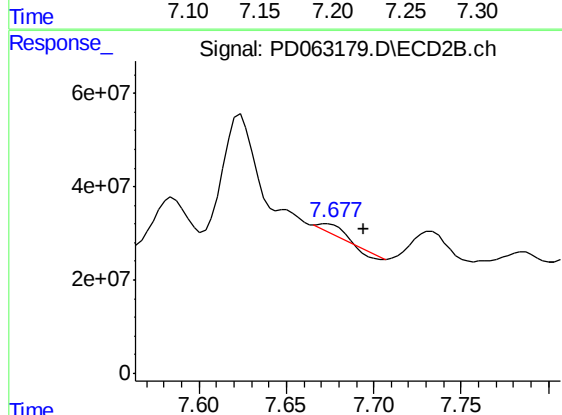
R.T.: 7.585 min  
Delta R.T.: 0.036 min  
Response: -2378500  
Conc: N.D.



#21 Endrin ketone

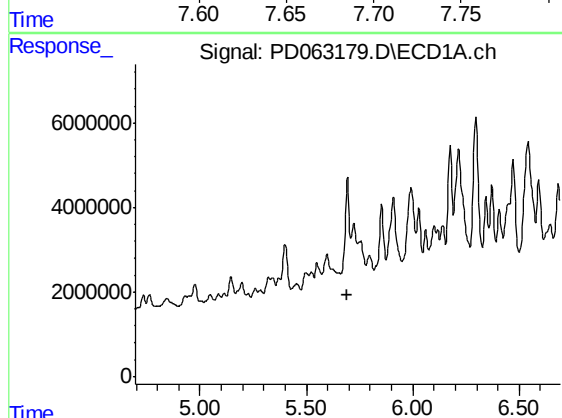
R.T.: 7.200 min  
Delta R.T.: 0.064 min  
Response: 4864810  
Conc: 3.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



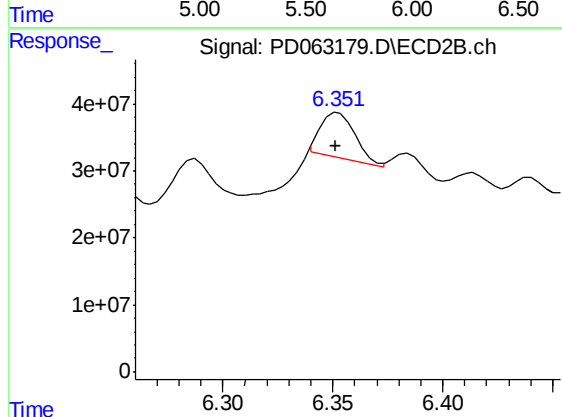
#21 Endrin ketone

R.T.: 7.674 min  
Delta R.T.: -0.020 min  
Response: 16707318  
Conc: 1.44 ng/ml



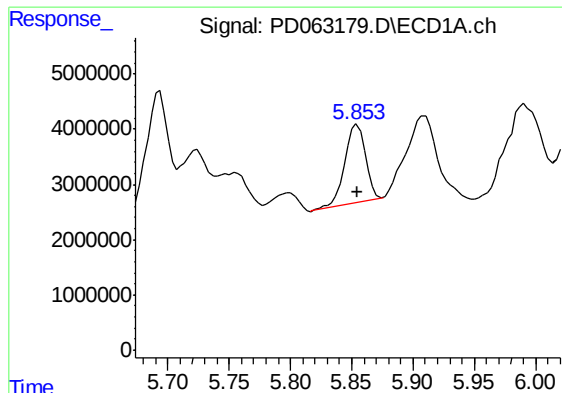
#22 Toxaphene-1

R.T.: 5.724 min  
Delta R.T.: 0.030 min  
Response: -4203874  
Conc: N.D.



#22 Toxaphene-1

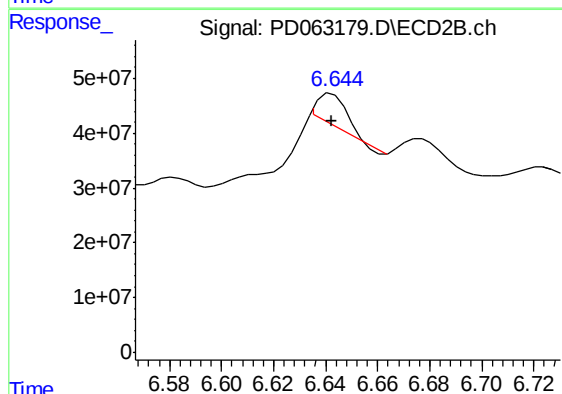
R.T.: 6.352 min  
Delta R.T.: 0.001 min  
Response: 71977008  
Conc: 1130.19 ng/ml



#23 Toxaphene-2

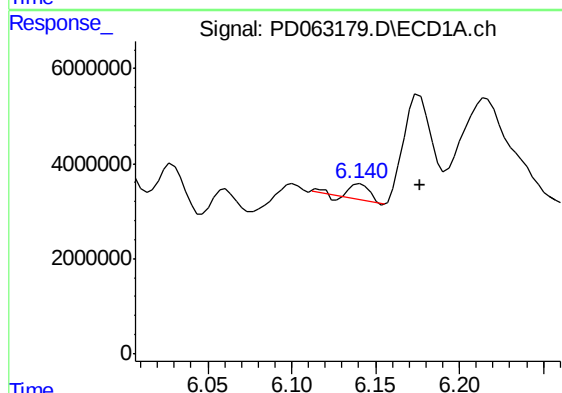
R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 16731376  
Conc: 1876.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



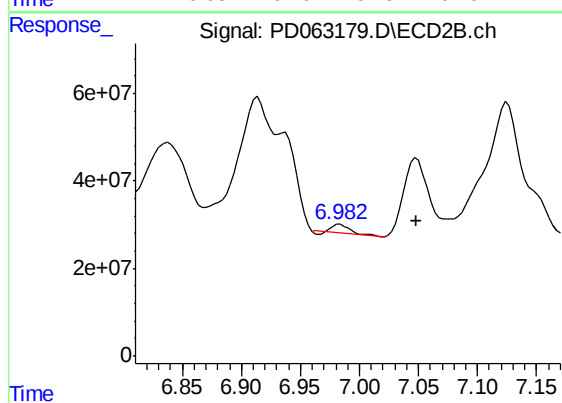
#23 Toxaphene-2

R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 44539566  
Conc: 561.44 ng/ml



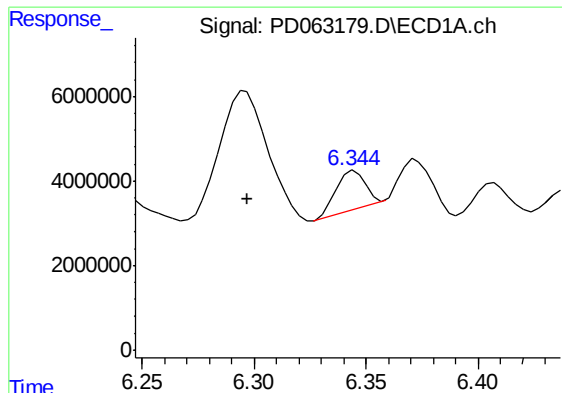
#24 Toxaphene-3

R.T.: 6.141 min  
Delta R.T.: -0.035 min  
Response: 2601239  
Conc: 272.22 ng/ml



#24 Toxaphene-3

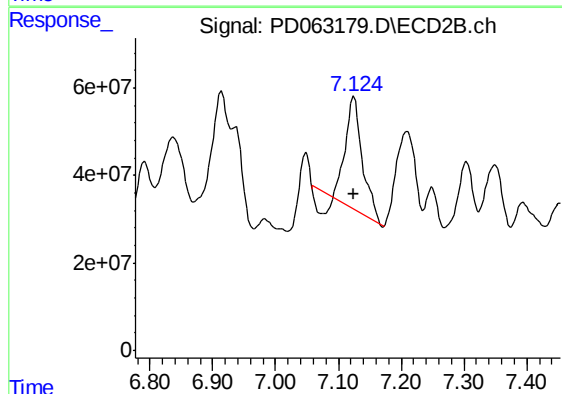
R.T.: 6.983 min  
Delta R.T.: -0.065 min  
Response: 18217845  
Conc: 162.98 ng/ml



#25 Toxaphene-4

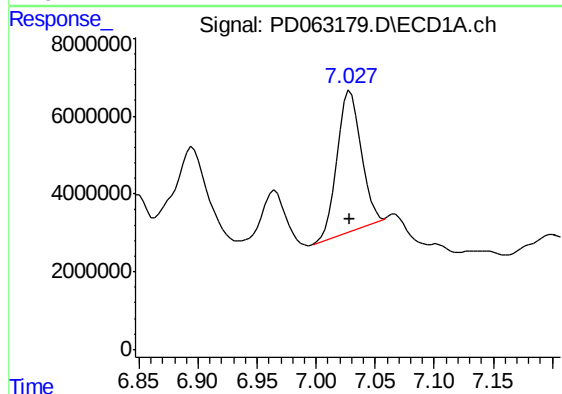
R.T.: 6.345 min  
Delta R.T.: 0.048 min  
Response: 8165540  
Conc: 350.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



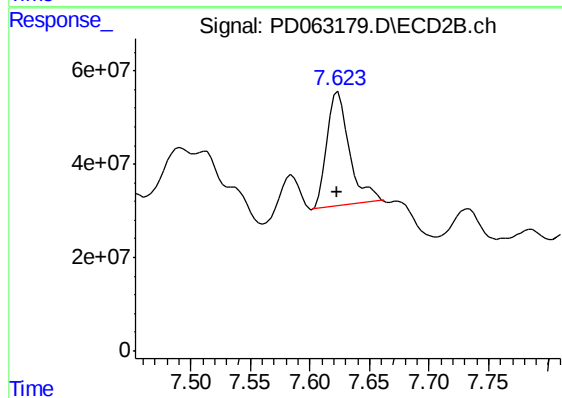
#25 Toxaphene-4

R.T.: 7.125 min  
Delta R.T.: 0.000 min  
Response: 453297568  
Conc: 1504.24 ng/ml



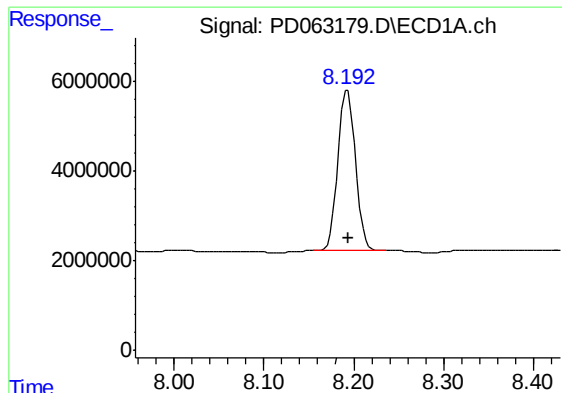
#26 Toxaphene-5

R.T.: 7.029 min  
Delta R.T.: 0.000 min  
Response: 51849919  
Conc: 1969.14 ng/ml



#26 Toxaphene-5

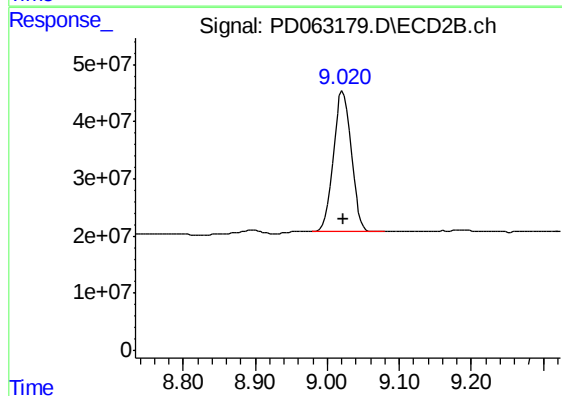
R.T.: 7.624 min  
Delta R.T.: 0.000 min  
Response: 320773645  
Conc: 2446.28 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.193 min  
Delta R.T.: 0.000 min  
Response: 49333372  
Conc: 37.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TOXAPH3202



#27 Decachlorobiphenyl

R.T.: 9.022 min  
Delta R.T.: 0.000 min  
Response: 425090202  
Conc: 38.33 ng/ml