

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102119\  
 Data File : PD055478.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2019 16:33  
 Operator : SG\AJ  
 Sample : K5262-19DL 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFB79DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 03:59:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 19 00:42:03 2019  
 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

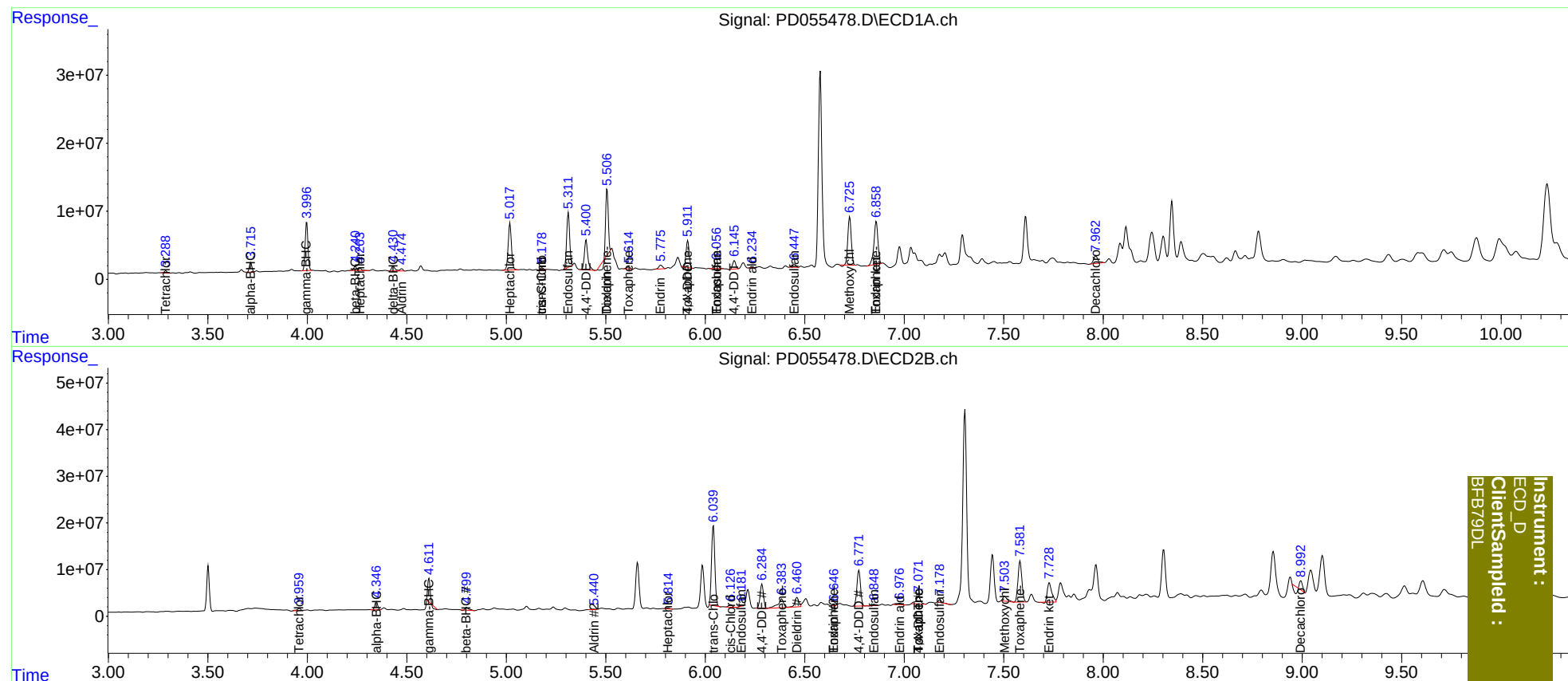
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|------------|
| -----                       |                 |        |        |          |          |           |            |
| System Monitoring Compounds |                 |        |        |          |          |           |            |
| 1)                          | SA Tetrachlo... | 3.289  | 3.960  | 2803727  | 5694184  | 3.145     | 4.229 #    |
| 27)                         | SA Decachlor... | 7.963  | 8.994  | 17413347 | 2488865  | 19.017    | 1.907 #    |
| Target Compounds            |                 |        |        |          |          |           |            |
| 2)                          | A alpha-BHC     | 3.716  | 4.348  | 12522833 | 17879839 | 9.972     | 9.191      |
| 3)                          | MA gamma-BHC... | 3.997  | 4.612  | 69359325 | 36436117 | 58.530    | 19.760 #   |
| 4)                          | MA Heptachlor   | 4.265  | 5.165f | 4296070  | -4931936 | 4.721     | N.D. #     |
| 5)                          | MB Aldrin       | 4.475f | 5.441  | 3413349  | 1977770  | 3.209     | 1.137 #    |
| 6)                          | B beta-BHC      | 4.241  | 4.800  | 5656259  | 7491943  | 10.640    | 8.473      |
| 7)                          | B delta-BHC     | 4.432  | 0.000  | 9122589  | 0        | 7.448     | N.D. #     |
| 8)                          | Heptachlo...    | 5.019f | 5.814  | 78187123 | 2189757  | 77.503    | 1.282 #    |
| 9)                          | A Endosulfan I  | 5.312  | 6.184  | 83237212 | 1274471  | 86.599    | 0.778 #    |
| 10)                         | B trans-Chl...  | 5.180  | 6.041  | 2853204  | 200.1E6  | 2.760     | 113.614 #  |
| 11)                         | B cis-Chlor...  | 5.180f | 6.128  | 2853204  | 6895696  | 2.840     | 4.011 #    |
| 12)                         | B 4,4'-DDE      | 5.402  | 6.285  | 53321270 | 61720025 | 52.314    | 36.605 #   |
| 13)                         | MA Dieldrin     | 5.507  | 6.461  | 74610712 | 28239873 | 67.324    | 15.604 #   |
| 14)                         | MA Endrin       | 5.777  | 6.648  | 7235098  | 2022516  | 8.077     | 1.448 #    |
| 15)                         | B Endosulfa...  | 6.058  | 6.849  | 9992862  | 3211117  | 10.438    | 2.065 #    |
| 16)                         | A 4,4'-DDD      | 5.912  | 6.772  | 41419051 | 98084531 | 51.105    | 68.561 #   |
| 17)                         | MA 4,4'-DDT     | 6.147  | 7.072  | 13592050 | 26105029 | 20.048    | 19.260     |
| 18)                         | B Endrin al...  | 6.236  | 6.977  | 2096687  | 3699341  | 2.584     | 2.795      |
| 19)                         | B Endosulfa...  | 6.448  | 7.180  | 5918243  | 5791082  | 6.639     | 3.884 #    |
| 20)                         | A Methoxychlor  | 6.726  | 7.505  | 84457582 | 16289474 | 231.600   | 21.130 #   |
| 21)                         | B Endrin ke...  | 6.860f | 7.729f | 87196936 | 63205765 | 89.215    | 39.464 #   |
| 22)                         | Toxaphene-1     | 5.507  | 6.385  | 74610712 | 37945906 | 12749.389 | 4859.455 # |
| 23)                         | Toxaphene-2     | 5.616  | 6.648  | 3978025  | 2022516  | 682.109   | 207.664 #  |
| 24)                         | Toxaphene-3     | 5.912  | 7.072  | 41419051 | 26105029 | 7691.615  | 1924.705 # |
| 25)                         | Toxaphene-4     | 6.058  | 7.072  | 9992862  | 26105029 | 654.258   | 677.498    |
| 26)                         | Toxaphene-5     | 6.860  | 7.582  | 87196936 | 119.4E6  | 4934.765  | 6582.403 # |
| -----                       |                 |        |        |          |          |           |            |

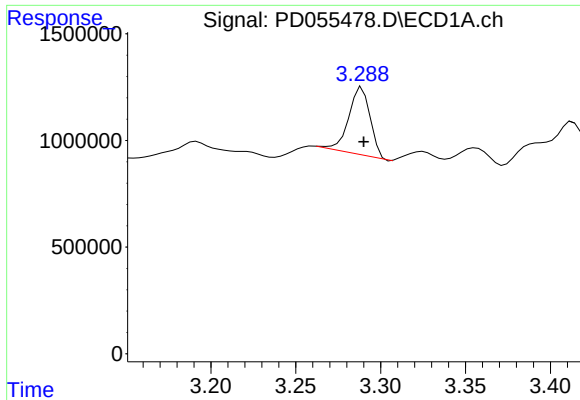
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102119\  
Data File : PD055478.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2019 16:33  
Operator : SG\AJ  
Sample : K5262-19DL 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 03:59:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101819CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 19 00:42:03 2019  
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

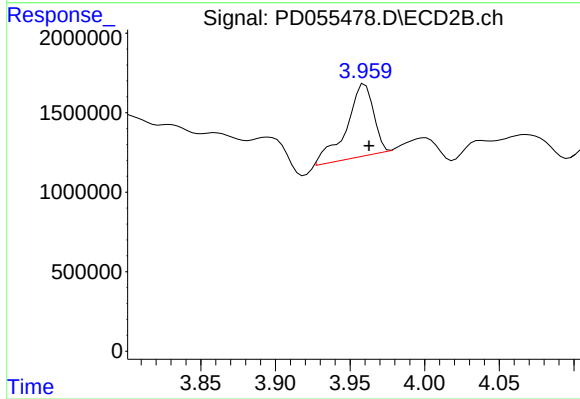




#1 Tetrachloro-m-xylene

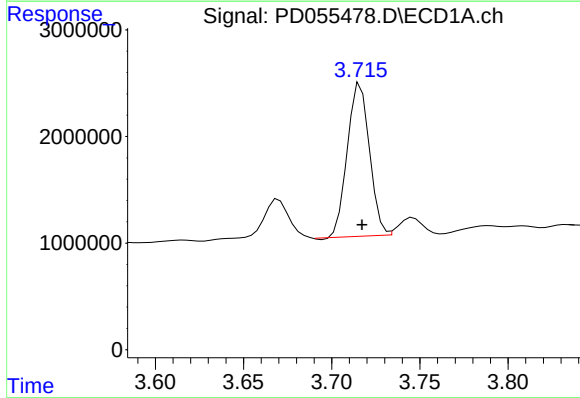
R.T.: 3.289 min  
Delta R.T.: 0.000 min  
Response: 2803727  
Conc: 3.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



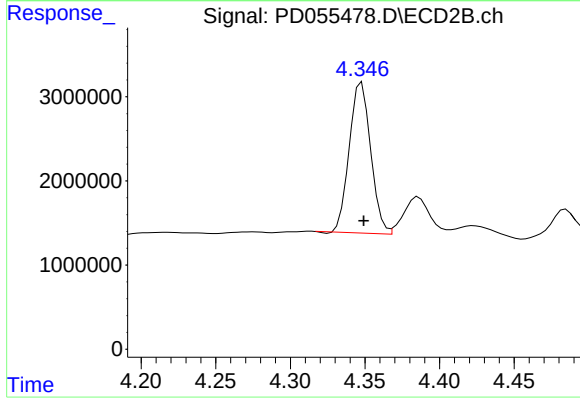
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.003 min  
Response: 5694184  
Conc: 4.23 ng/ml



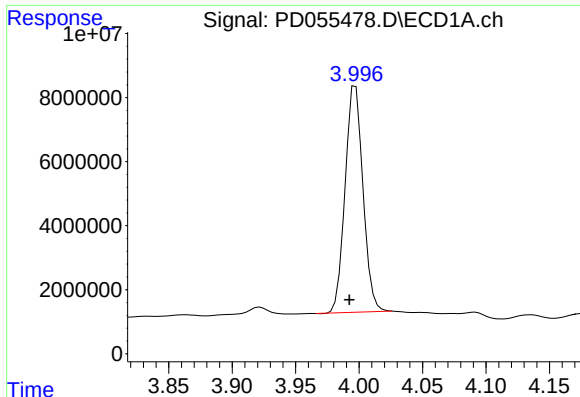
#2 alpha-BHC

R.T.: 3.716 min  
Delta R.T.: 0.000 min  
Response: 12522833  
Conc: 9.97 ng/ml



#2 alpha-BHC

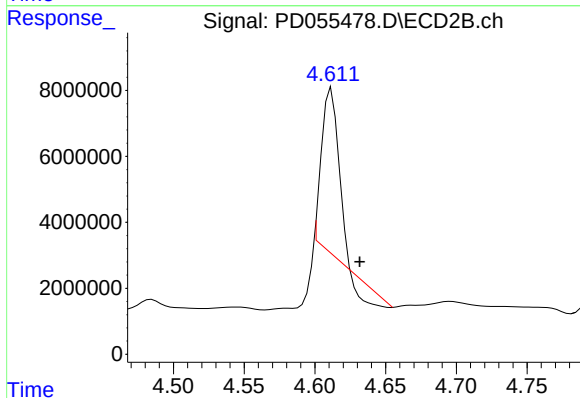
R.T.: 4.348 min  
Delta R.T.: -0.001 min  
Response: 17879839  
Conc: 9.19 ng/ml



#3 gamma-BHC (Lindane)

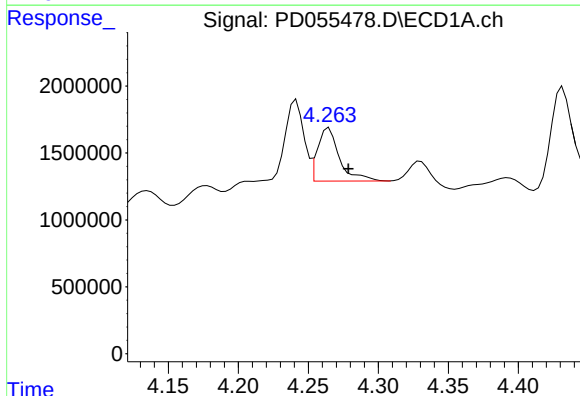
R.T.: 3.997 min  
Delta R.T.: 0.005 min  
Response: 69359325  
Conc: 58.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



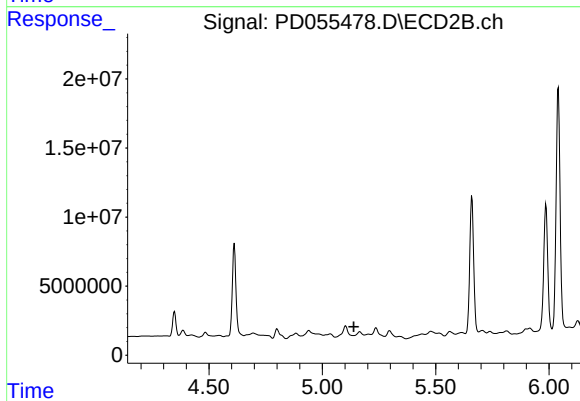
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: -0.020 min  
Response: 36436117  
Conc: 19.76 ng/ml



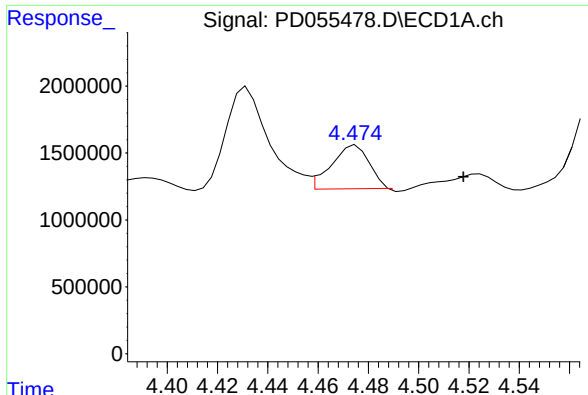
#4 Heptachlor

R.T.: 4.265 min  
Delta R.T.: -0.014 min  
Response: 4296070  
Conc: 4.72 ng/ml



#4 Heptachlor

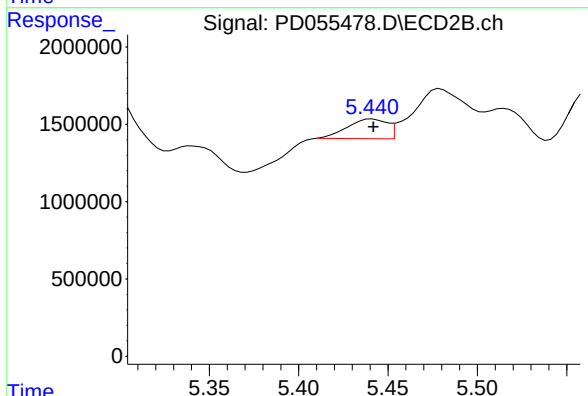
R.T.: 5.165 min  
Delta R.T.: 0.027 min  
Response: -4931936  
Conc: N.D.



#5 Aldrin

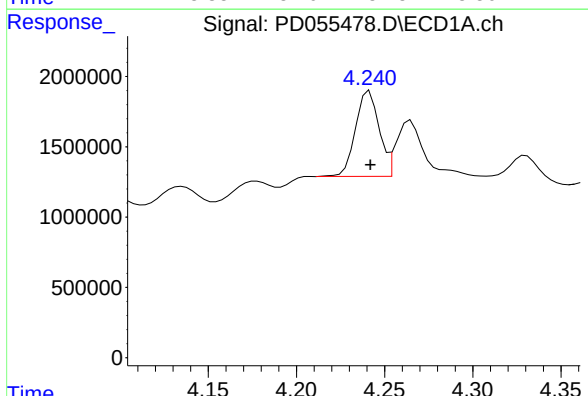
R.T.: 4.475 min  
Delta R.T.: -0.043 min  
Response: 3413349  
Conc: 3.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



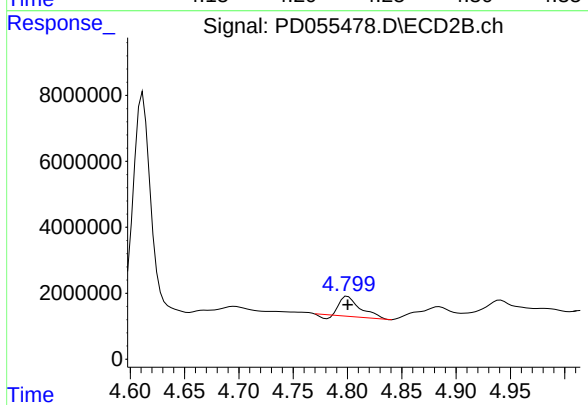
#5 Aldrin

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 1977770  
Conc: 1.14 ng/ml



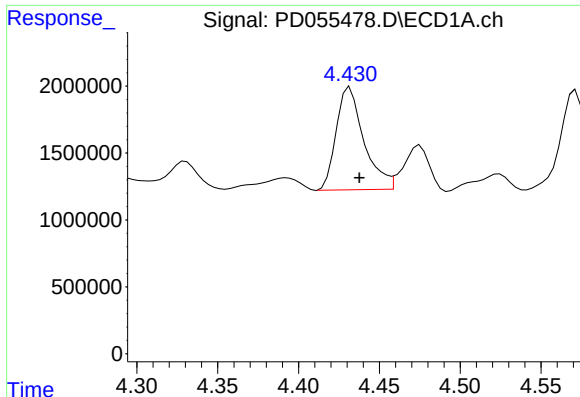
#6 beta-BHC

R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 5656259  
Conc: 10.64 ng/ml



#6 beta-BHC

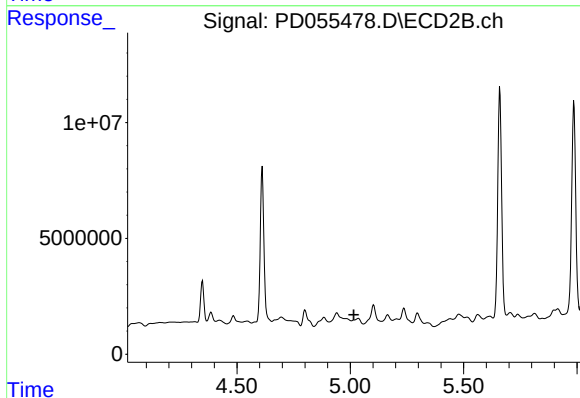
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 7491943  
Conc: 8.47 ng/ml



#7 delta-BHC

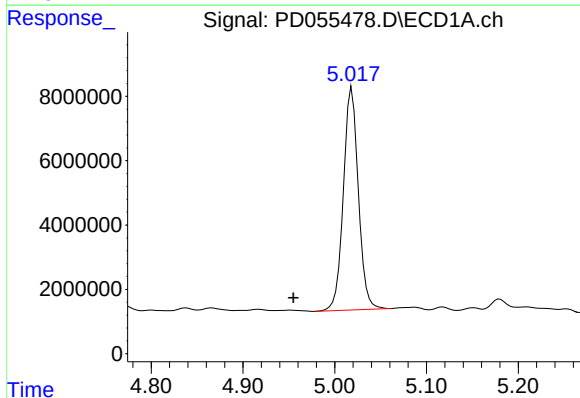
R.T.: 4.432 min  
Delta R.T.: -0.006 min  
Response: 9122589  
Conc: 7.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



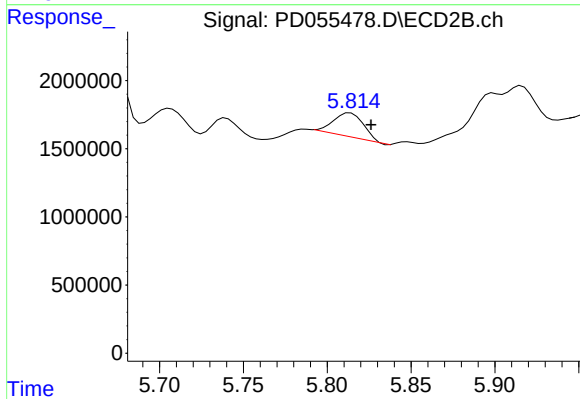
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.016 min  
Response: 0  
Conc: N.D.



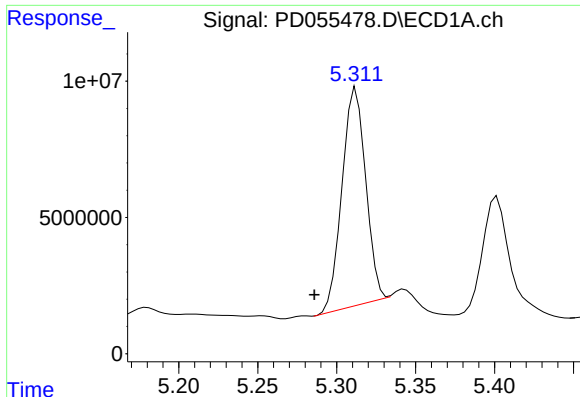
#8 Heptachlor epoxide

R.T.: 5.019 min  
Delta R.T.: 0.064 min  
Response: 78187123  
Conc: 77.50 ng/ml



#8 Heptachlor epoxide

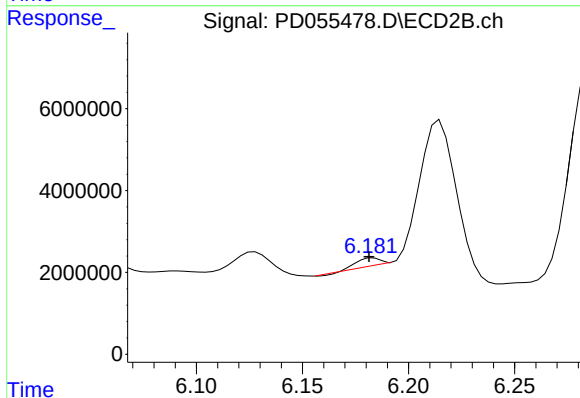
R.T.: 5.814 min  
Delta R.T.: -0.013 min  
Response: 2189757  
Conc: 1.28 ng/ml



#9 Endosulfan I

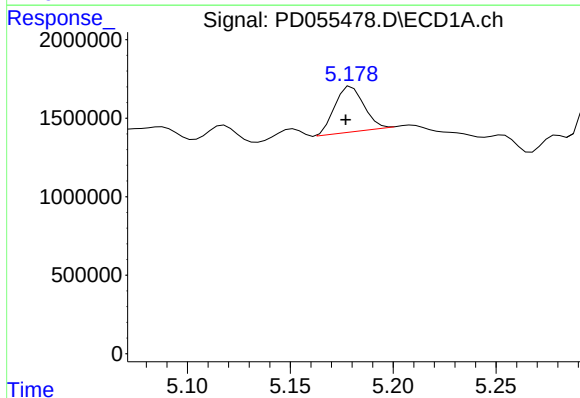
R.T.: 5.312 min  
Delta R.T.: 0.027 min  
Response: 83237212  
Conc: 86.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



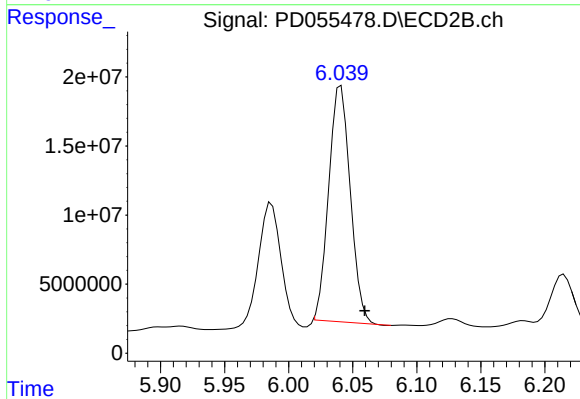
#9 Endosulfan I

R.T.: 6.184 min  
Delta R.T.: 0.002 min  
Response: 1274471  
Conc: 0.78 ng/ml



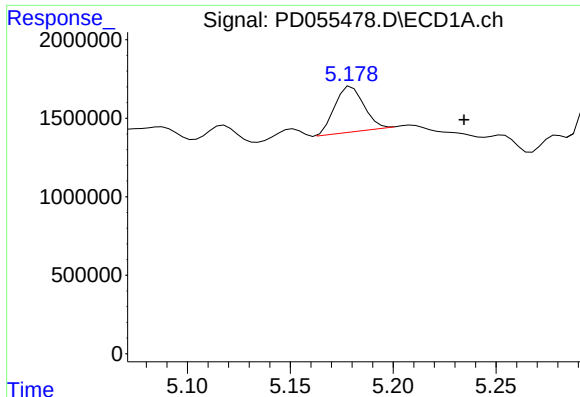
#10 trans-Chlordane

R.T.: 5.180 min  
Delta R.T.: 0.003 min  
Response: 2853204  
Conc: 2.76 ng/ml



#10 trans-Chlordane

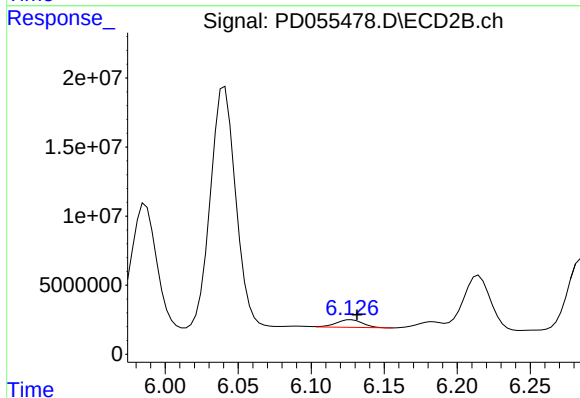
R.T.: 6.041 min  
Delta R.T.: -0.019 min  
Response: 200102751  
Conc: 113.61 ng/ml



#11 cis-Chlordane

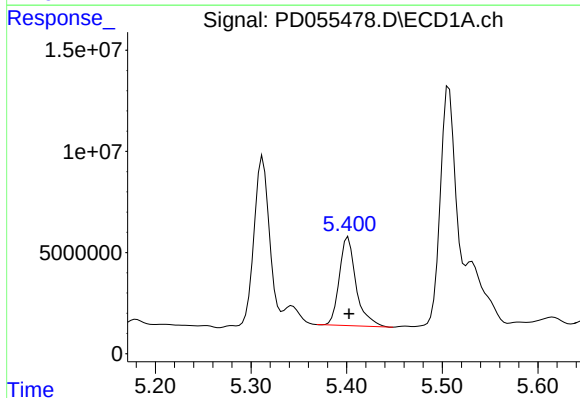
R.T.: 5.180 min  
Delta R.T.: -0.055 min  
Response: 2853204  
Conc: 2.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



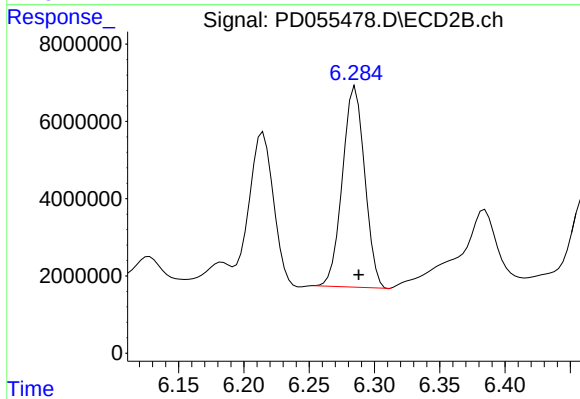
#11 cis-Chlordane

R.T.: 6.128 min  
Delta R.T.: -0.004 min  
Response: 6895696  
Conc: 4.01 ng/ml



#12 4,4'-DDE

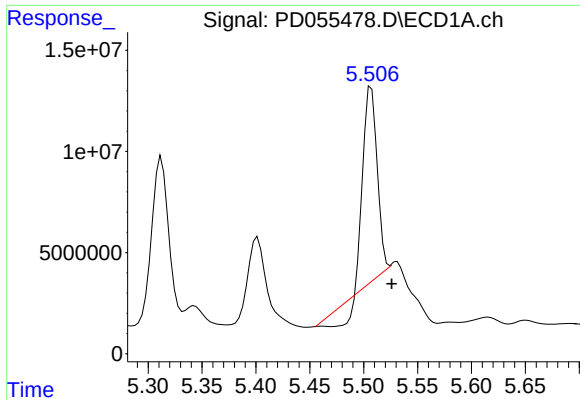
R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 53321270  
Conc: 52.31 ng/ml



#12 4,4'-DDE

R.T.: 6.285 min  
Delta R.T.: -0.003 min  
Response: 61720025  
Conc: 36.60 ng/ml

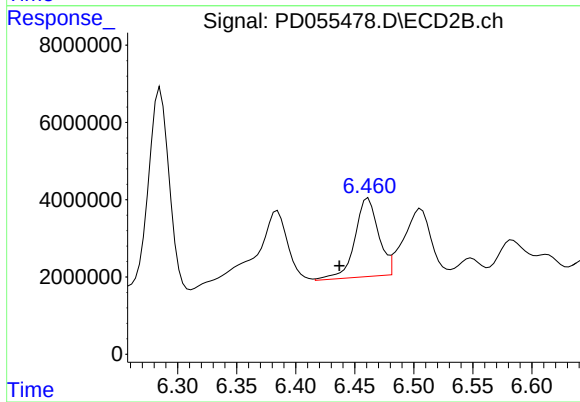




#13 Dieldrin

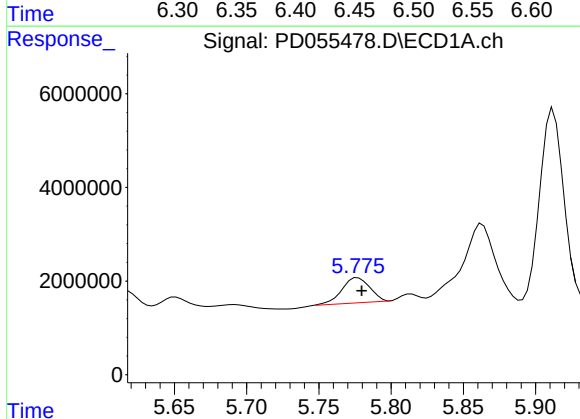
R.T.: 5.507 min  
Delta R.T.: -0.019 min  
Response: 74610712  
Conc: 67.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



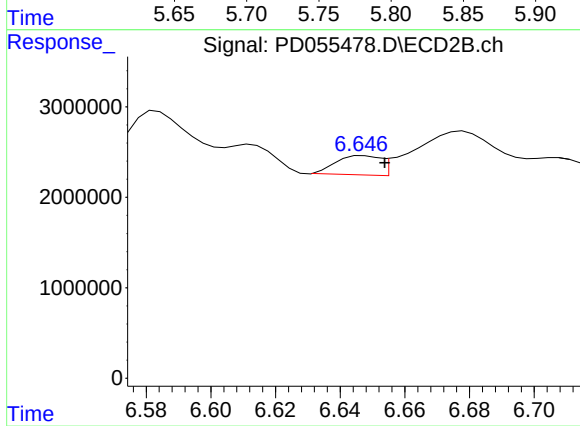
#13 Dieldrin

R.T.: 6.461 min  
Delta R.T.: 0.025 min  
Response: 28239873  
Conc: 15.60 ng/ml



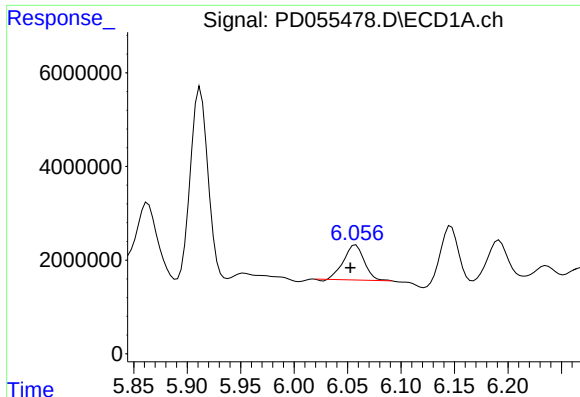
#14 Endrin

R.T.: 5.777 min  
Delta R.T.: -0.003 min  
Response: 7235098  
Conc: 8.08 ng/ml



#14 Endrin

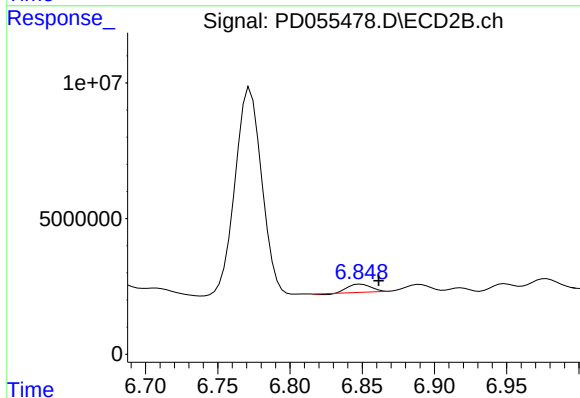
R.T.: 6.648 min  
Delta R.T.: -0.006 min  
Response: 2022516  
Conc: 1.45 ng/ml



#15 Endosulfan II

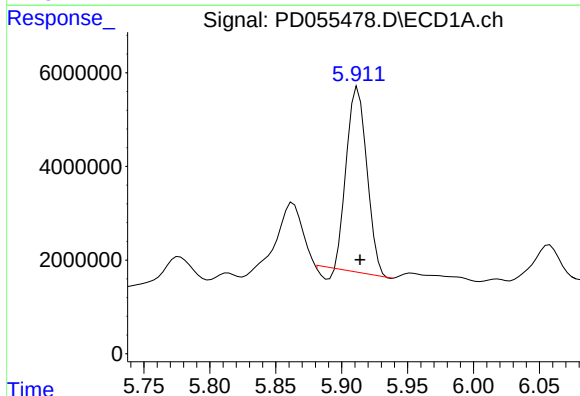
R.T.: 6.058 min  
Delta R.T.: 0.005 min  
Response: 9992862  
Conc: 10.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



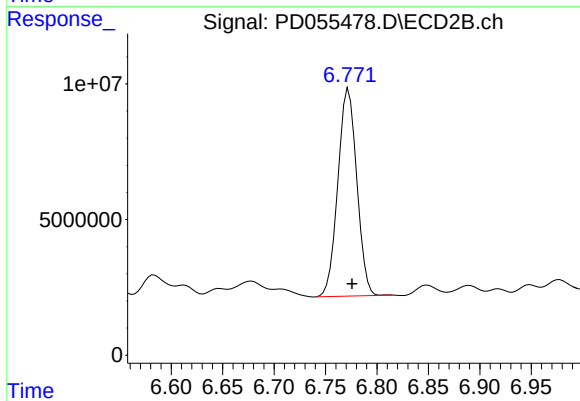
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: -0.012 min  
Response: 3211117  
Conc: 2.07 ng/ml



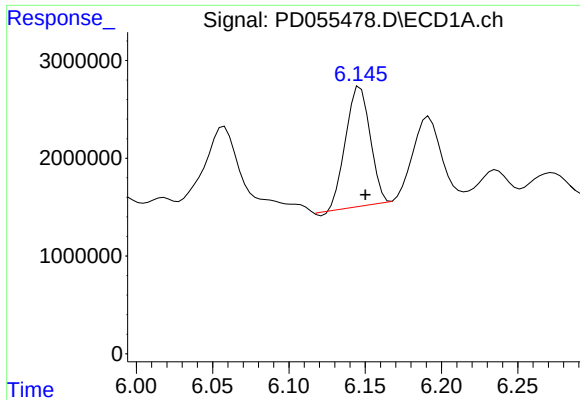
#16 4,4'-DDD

R.T.: 5.912 min  
Delta R.T.: -0.002 min  
Response: 41419051  
Conc: 51.10 ng/ml



#16 4,4'-DDD

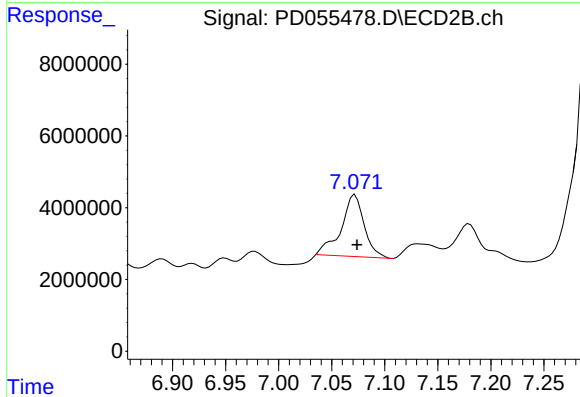
R.T.: 6.772 min  
Delta R.T.: -0.003 min  
Response: 98084531  
Conc: 68.56 ng/ml



#17 4,4'-DDT

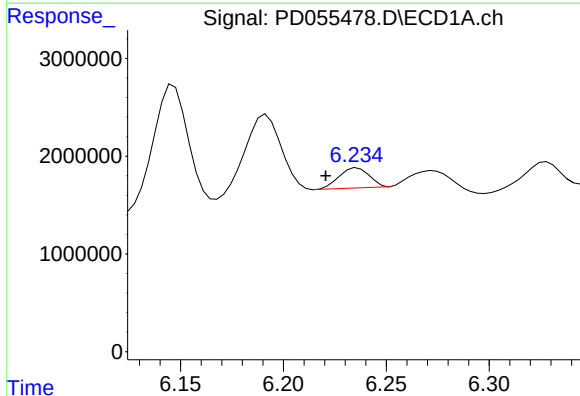
R.T.: 6.147 min  
Delta R.T.: -0.003 min  
Response: 13592050  
Conc: 20.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



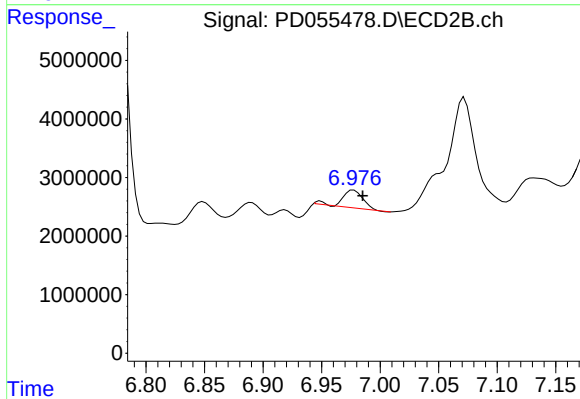
#17 4,4'-DDT

R.T.: 7.072 min  
Delta R.T.: -0.002 min  
Response: 26105029  
Conc: 19.26 ng/ml



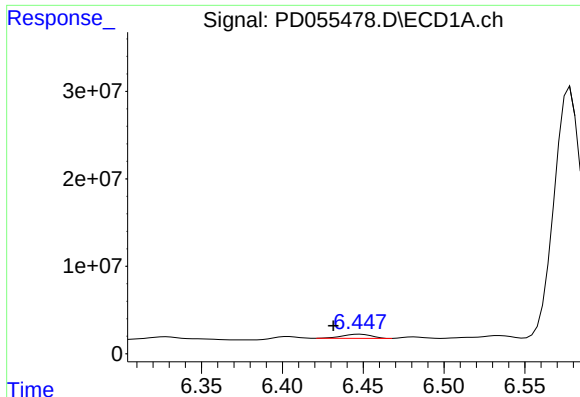
#18 Endrin aldehyde

R.T.: 6.236 min  
Delta R.T.: 0.015 min  
Response: 2096687  
Conc: 2.58 ng/ml



#18 Endrin aldehyde

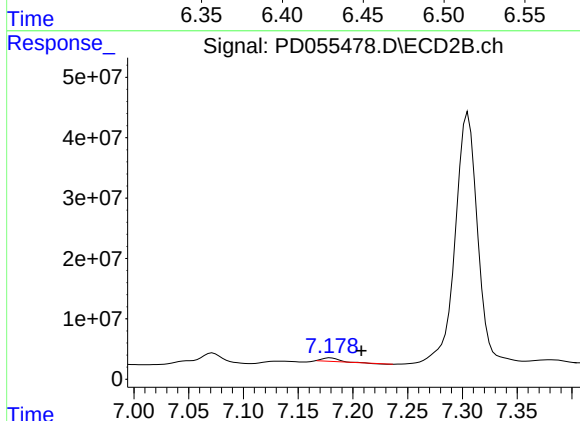
R.T.: 6.977 min  
Delta R.T.: -0.008 min  
Response: 3699341  
Conc: 2.79 ng/ml



#19 Endosulfan Sulfate

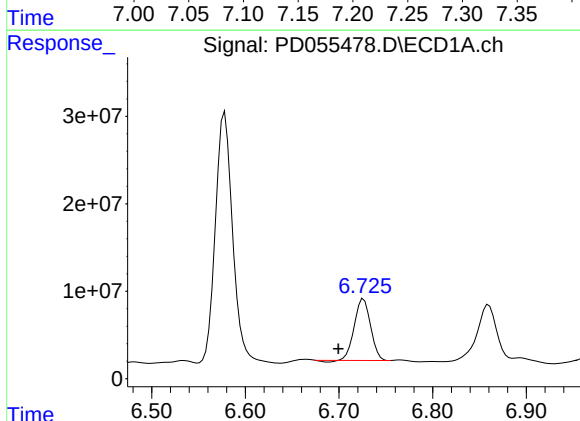
R.T.: 6.448 min  
Delta R.T.: 0.016 min  
Response: 5918243  
Conc: 6.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



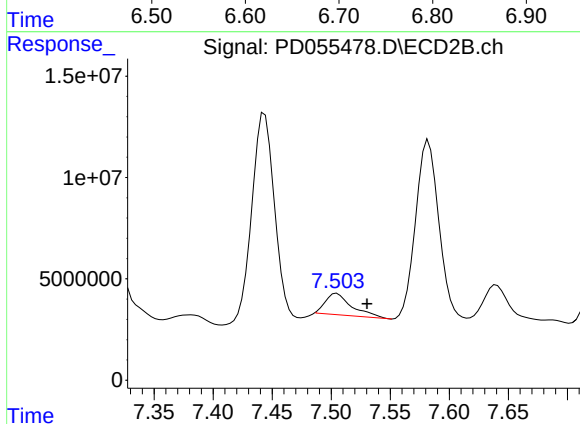
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: -0.028 min  
Response: 5791082  
Conc: 3.88 ng/ml



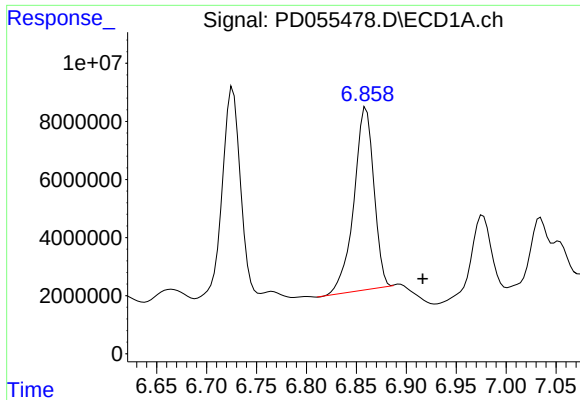
#20 Methoxychlor

R.T.: 6.726 min  
Delta R.T.: 0.027 min  
Response: 84457582  
Conc: 231.60 ng/ml



#20 Methoxychlor

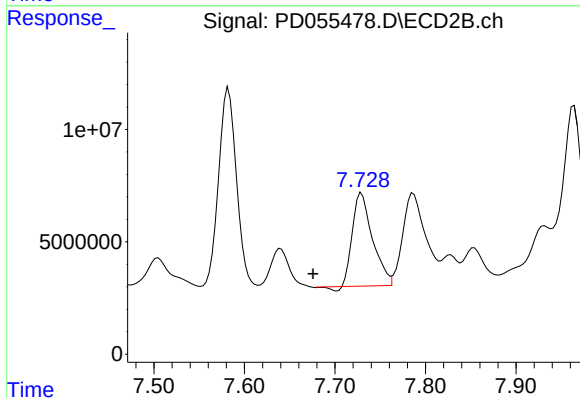
R.T.: 7.505 min  
Delta R.T.: -0.025 min  
Response: 16289474  
Conc: 21.13 ng/ml



#21 Endrin ketone

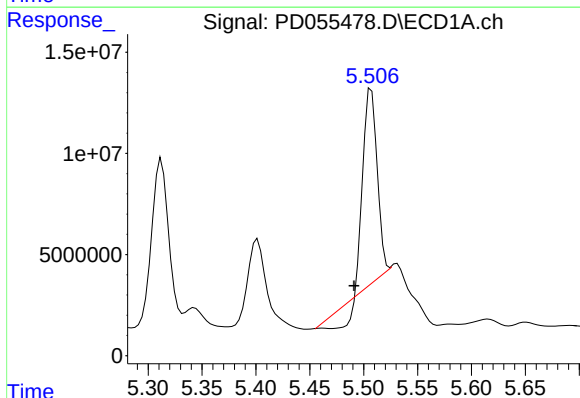
R.T.: 6.860 min  
Delta R.T.: -0.057 min  
Response: 87196936  
Conc: 89.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



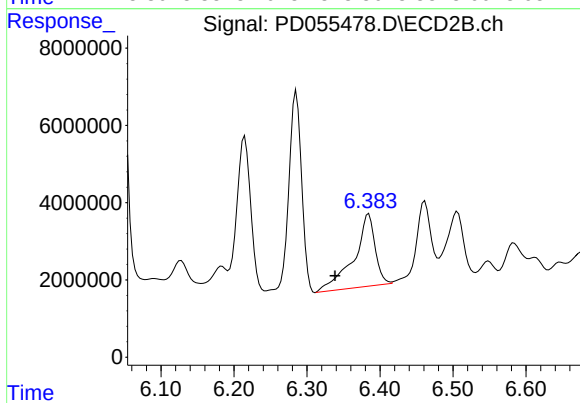
#21 Endrin ketone

R.T.: 7.729 min  
Delta R.T.: 0.054 min  
Response: 63205765  
Conc: 39.46 ng/ml



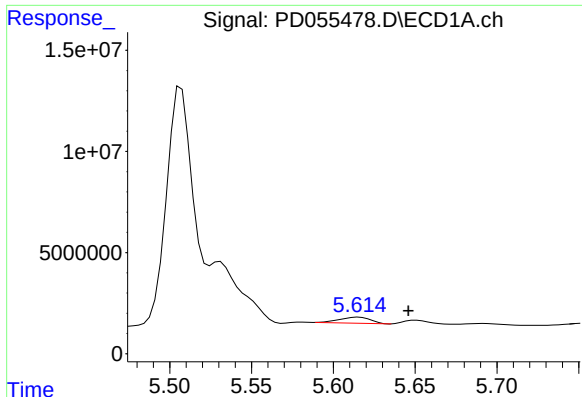
#22 Toxaphene-1

R.T.: 5.507 min  
Delta R.T.: 0.016 min  
Response: 74610712  
Conc: 12749.39 ng/ml



#22 Toxaphene-1

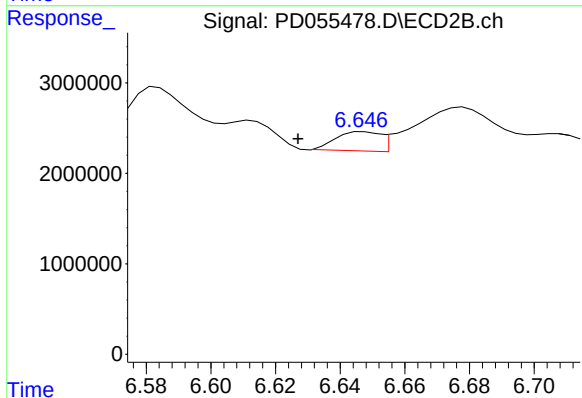
R.T.: 6.385 min  
Delta R.T.: 0.046 min  
Response: 37945906  
Conc: 4859.45 ng/ml



#23 Toxaphene-2

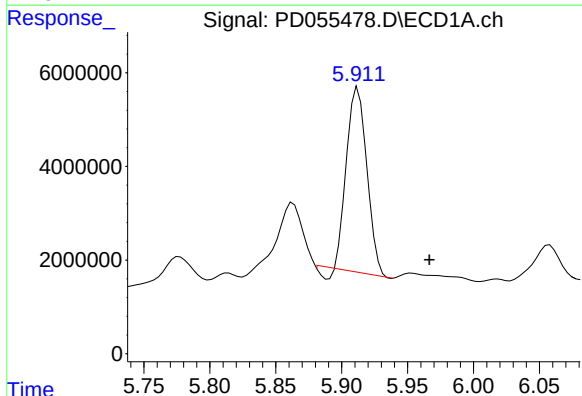
R.T.: 5.616 min  
Delta R.T.: -0.030 min  
Response: 3978025  
Conc: 682.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



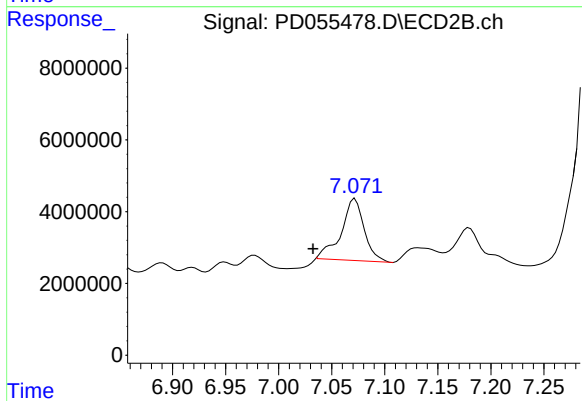
#23 Toxaphene-2

R.T.: 6.648 min  
Delta R.T.: 0.021 min  
Response: 2022516  
Conc: 207.66 ng/ml



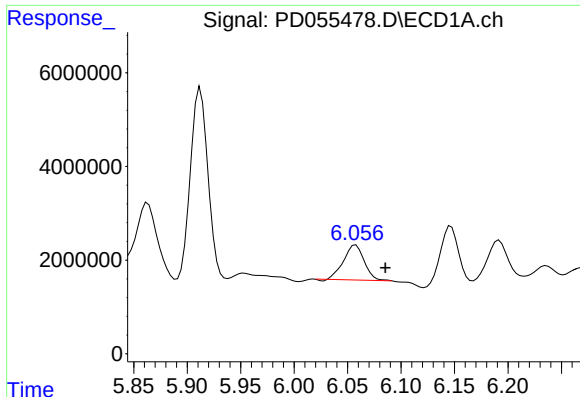
#24 Toxaphene-3

R.T.: 5.912 min  
Delta R.T.: -0.054 min  
Response: 41419051  
Conc: 7691.62 ng/ml



#24 Toxaphene-3

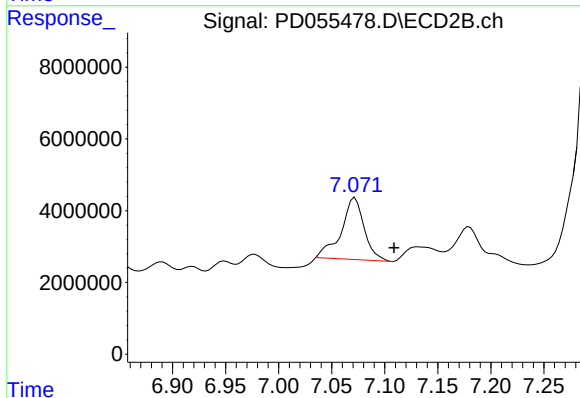
R.T.: 7.072 min  
Delta R.T.: 0.040 min  
Response: 26105029  
Conc: 1924.70 ng/ml



#25 Toxaphene-4

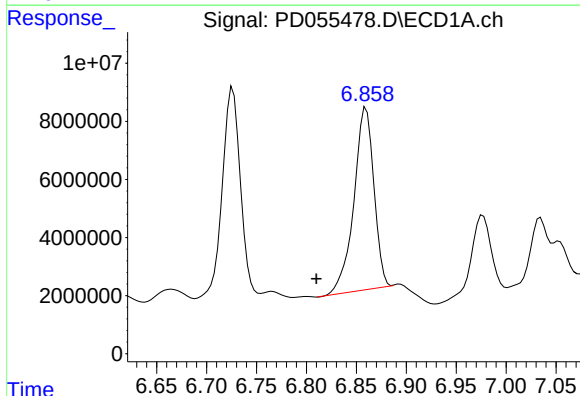
R.T.: 6.058 min  
Delta R.T.: -0.028 min  
Response: 9992862  
Conc: 654.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



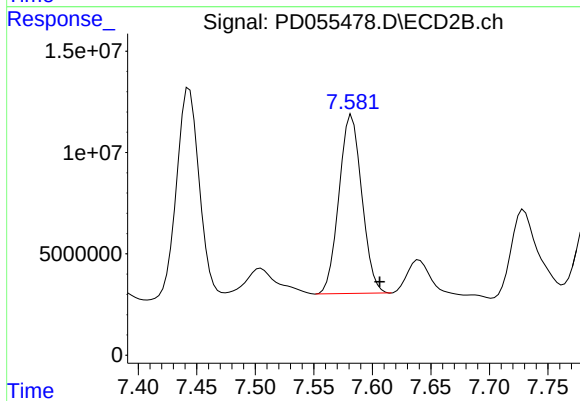
#25 Toxaphene-4

R.T.: 7.072 min  
Delta R.T.: -0.037 min  
Response: 26105029  
Conc: 677.50 ng/ml



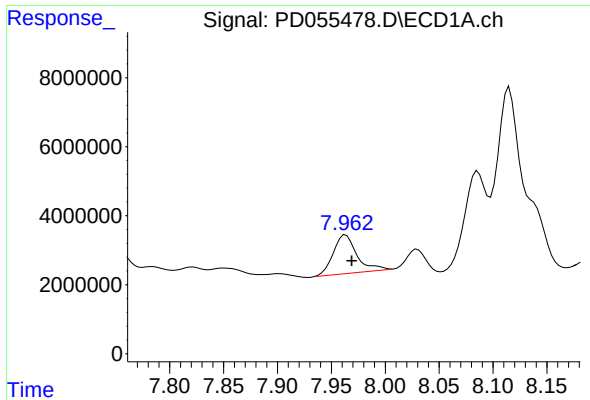
#26 Toxaphene-5

R.T.: 6.860 min  
Delta R.T.: 0.050 min  
Response: 87196936  
Conc: 4934.77 ng/ml



#26 Toxaphene-5

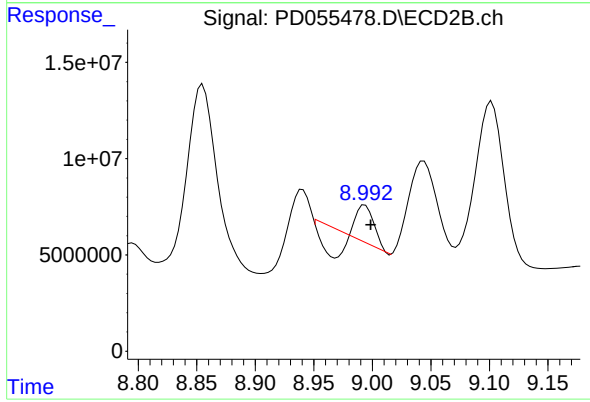
R.T.: 7.582 min  
Delta R.T.: -0.024 min  
Response: 119442440  
Conc: 6582.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.963 min  
Delta R.T.: -0.006 min  
Response: 17413347  
Conc: 19.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79DL



#27 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: -0.005 min  
Response: 2488865  
Conc: 1.91 ng/ml