

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101819\  
 Data File : PD055455.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Oct 2019 08:45  
 Operator : SG\AJ  
 Sample : K5262-18RE  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFB79RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 23:13:33 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... | 3.290  | 3.961  | 11144813 | 19018819  | 12.500    | 14.126      |
| 27)                         | SA Decachlor... | 7.965  | 8.998  | 77952863 | -32062913 | 85.132    | N.D. #      |
| Target Compounds            |                 |        |        |          |           |           |             |
| 2)                          | A alpha-BHC     | 3.717  | 4.349  | 61428482 | 83910850  | 48.914    | 43.132      |
| 3)                          | MA gamma-BHC... | 3.998  | 4.664f | 356.5E6  | -50341945 | 300.840   | N.D. #      |
| 5)                          | MB Aldrin       | 4.529  | 5.441  | -186394  | 4427154   | N.D.      | 2.546       |
| 6)                          | B beta-BHC      | 4.242  | 4.800  | 13717495 | 35587622  | 25.805    | 40.248 #    |
| 7)                          | B delta-BHC     | 4.432  | 5.015  | 33670921 | 1074220   | 27.489    | 0.566 #     |
| 8)                          | B Heptachlo...  | 4.917f | 5.814  | 11109385 | 9907411   | 11.012    | 5.802 #     |
| 9)                          | A Endosulfan I  | 5.283  | 6.186  | 2073876  | 5437607   | 2.158     | 3.318 #     |
| 10)                         | B trans-Chl...  | 5.181  | 6.042  | 10815612 | 1065.1E6  | 10.461    | 604.739 #   |
| 11)                         | B cis-Chlor...  | 5.283f | 6.129  | 2073876  | 38674851  | 2.064     | 22.495 #    |
| 12)                         | B 4,4'-DDE      | 5.403  | 6.288  | 255.9E6  | 333.3E6   | 251.020   | 197.668     |
| 13)                         | MA Dieldrin     | 5.509  | 6.428  | 485.4E6  | 6108551   | 438.030   | 3.375 #     |
| 14)                         | MA Endrin       | 5.779  | 6.677  | 31380730 | 54696540  | 35.034    | 39.159      |
| 15)                         | B Endosulfa...  | 6.059  | 6.850  | 40651336 | 13719514  | 42.464    | 8.825 #     |
| 16)                         | A 4,4'-DDD      | 5.914  | 6.774  | 224.2E6  | 449.4E6   | 276.643   | 314.128     |
| 17)                         | MA 4,4'-DDT     | 6.148  | 7.075  | 69414595 | 112.0E6   | 102.383   | 82.639      |
| 18)                         | B Endrin al...  | 6.237  | 6.979  | 8964023  | 14947336  | 11.047    | 11.292      |
| 19)                         | B Endosulfa...  | 6.449  | 7.181  | 22436705 | 36542664  | 25.170    | 24.511      |
| 20)                         | A Methoxychlor  | 6.727  | 7.507  | 420.5E6  | 98039915  | 1153.201  | 127.171 #   |
| 21)                         | B Endrin ke...  | 6.897  | 7.731f | 8079388  | 82898166  | 8.266     | 51.759 #    |
| 22)                         | Toxaphene-1     | 5.509  | 6.386  | 485.4E6  | 127.6E6   | 82951.832 | 16346.908 # |
| 23)                         | Toxaphene-2     | 5.652  | 6.584  | 5691191  | 30329548  | 975.864   | 3114.119 #  |
| 24)                         | Toxaphene-3     | 5.958  | 7.075  | 10942056 | 112.0E6   | 2031.966  | 8258.443 #  |
| 25)                         | Toxaphene-4     | 6.059  | 7.143  | 40651336 | 15776001  | 2661.544  | 409.431 #   |
| 26)                         | Toxaphene-5     | 6.801  | 7.584  | 1039480  | 631.5E6   | 58.828    | 34804.307 # |
| -----                       |                 |        |        |          |           |           |             |

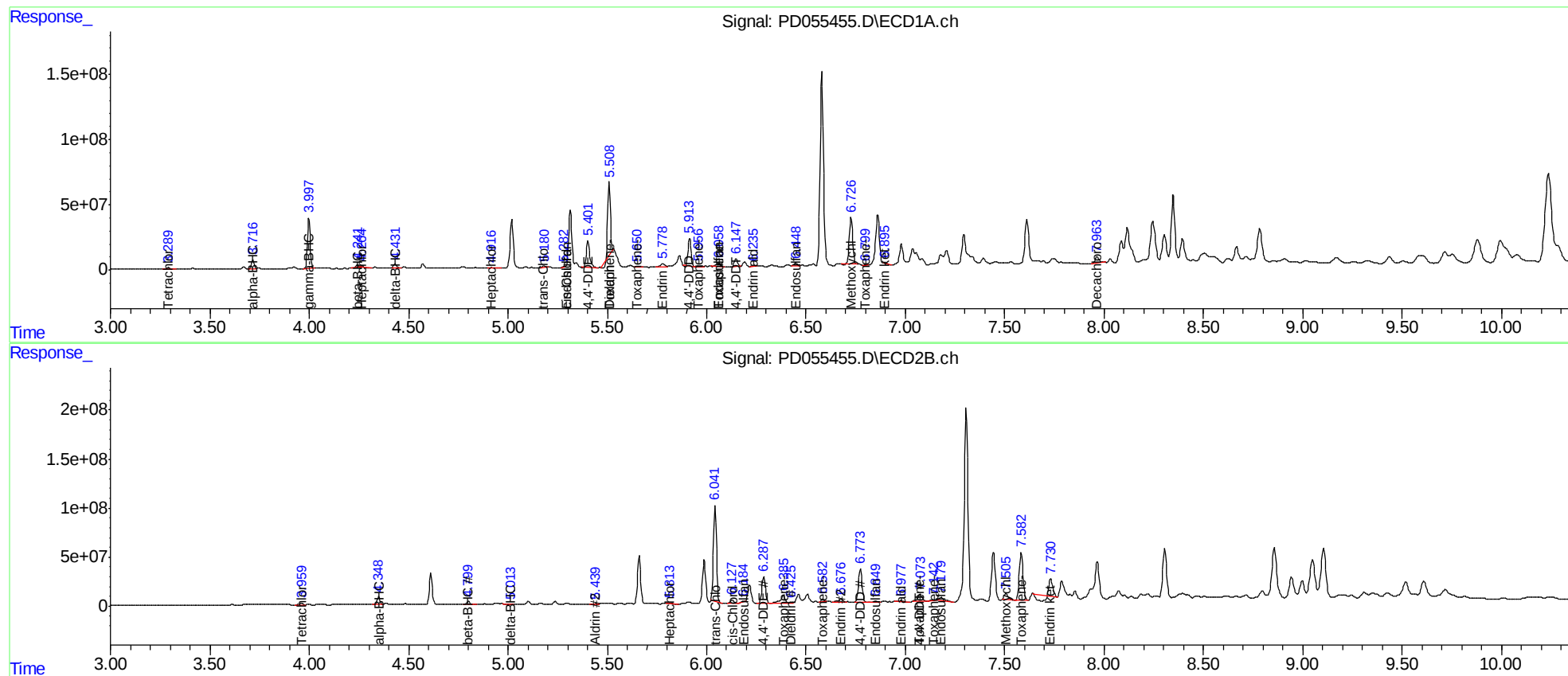
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

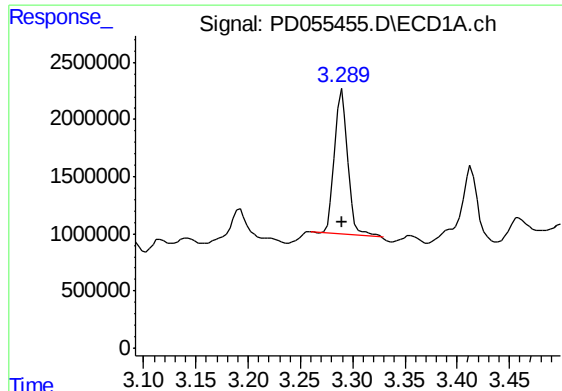
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101819\  
Data File : PD055455.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Oct 2019 08:45  
Operator : SG\AJ  
Sample : K5262-18RE  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 23:13:33 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

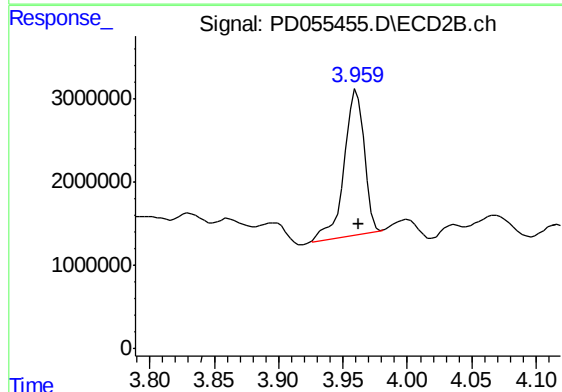




#1 Tetrachloro-m-xylene

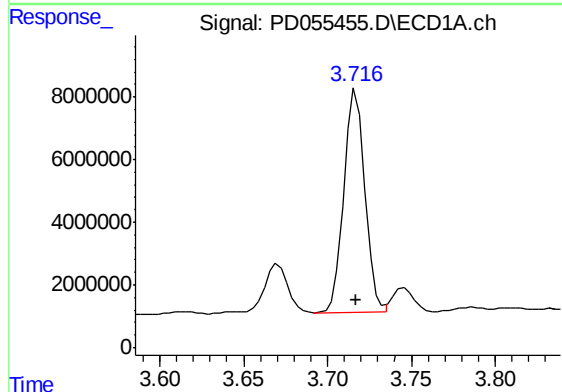
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 11144813  
Conc: 12.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



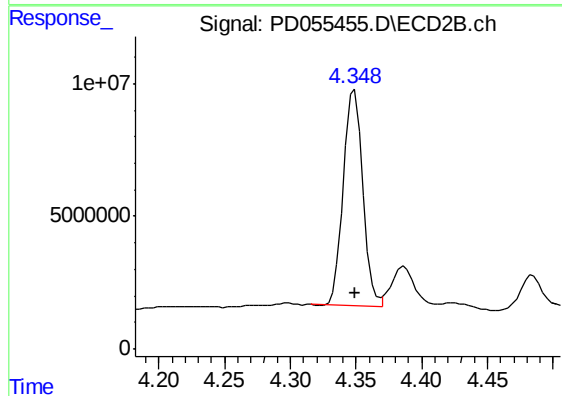
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 19018819  
Conc: 14.13 ng/ml



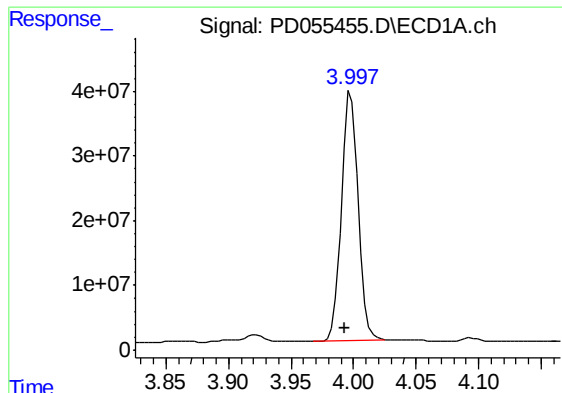
#2 alpha-BHC

R.T.: 3.717 min  
Delta R.T.: 0.000 min  
Response: 61428482  
Conc: 48.91 ng/ml



#2 alpha-BHC

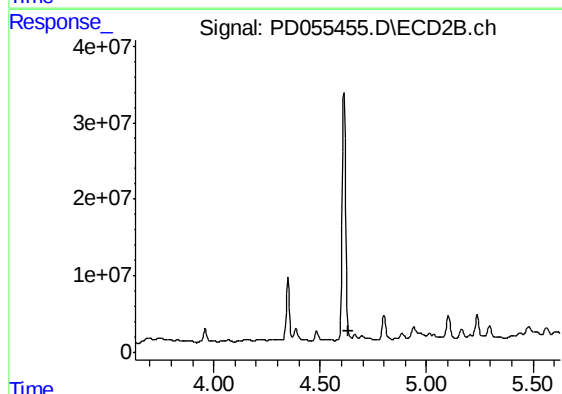
R.T.: 4.349 min  
Delta R.T.: 0.000 min  
Response: 83910850  
Conc: 43.13 ng/ml



#3 gamma-BHC (Lindane)

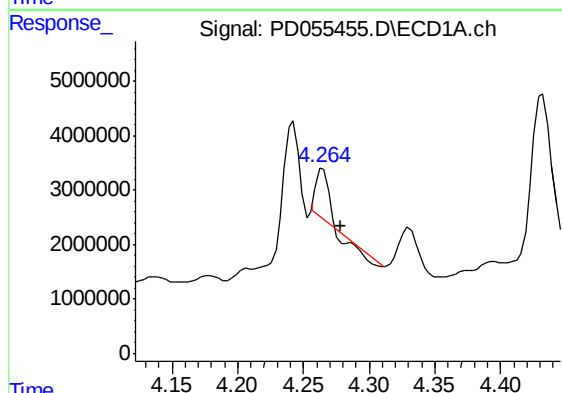
R.T.: 3.998 min  
Delta R.T.: 0.006 min  
Response: 356499420  
Conc: 300.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



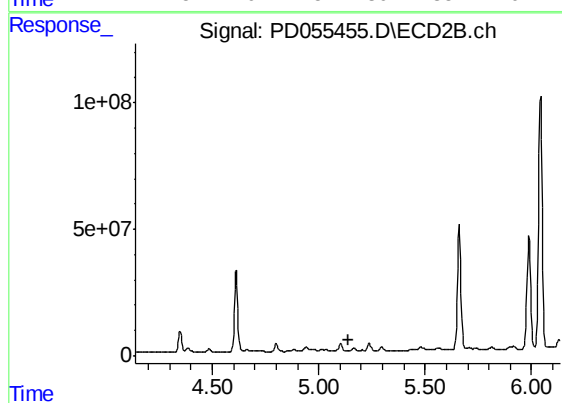
#3 gamma-BHC (Lindane)

R.T.: 4.664 min  
Delta R.T.: 0.032 min  
Response: -50341945  
Conc: N.D.



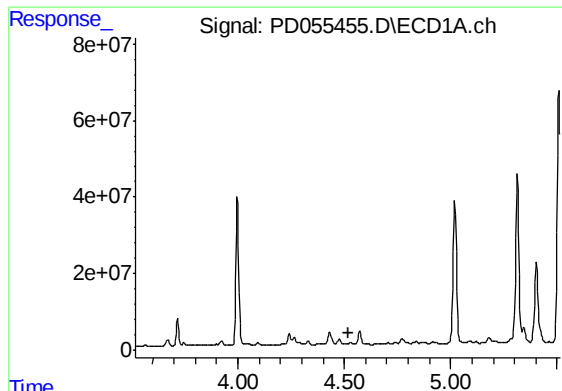
#4 Heptachlor

R.T.: 4.265 min  
Delta R.T.: -0.014 min  
Response: 4635659  
Conc: 5.09 ng/ml



#4 Heptachlor

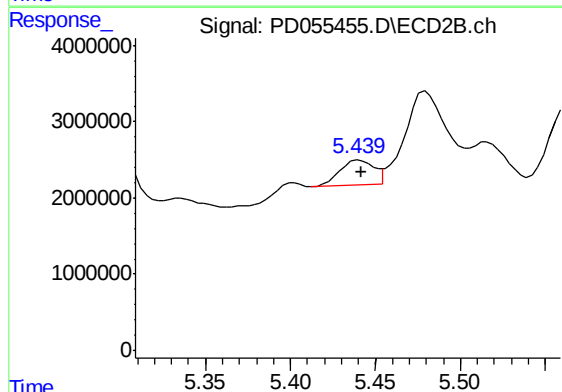
R.T.: 5.165 min  
Delta R.T.: 0.027 min  
Response: -26377781  
Conc: N.D.



#5 Aldrin

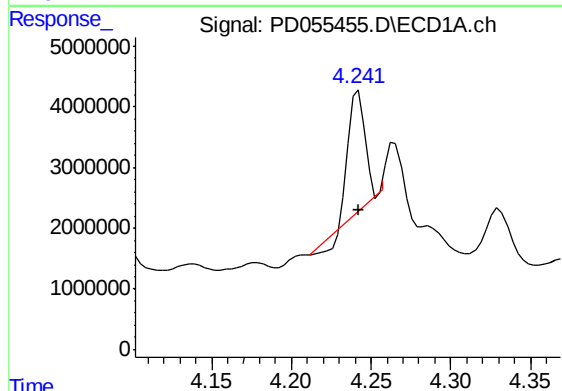
R.T.: 4.529 min  
Delta R.T.: 0.011 min  
Response: -186394  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



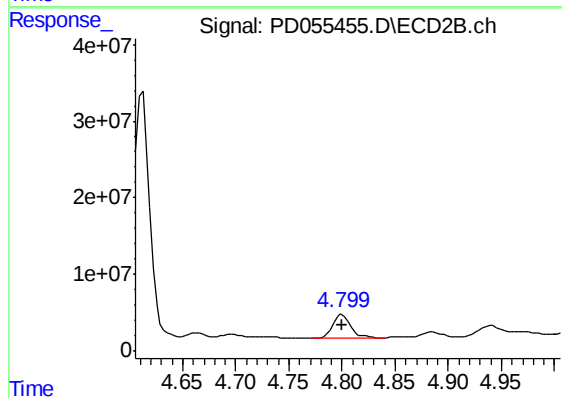
#5 Aldrin

R.T.: 5.441 min  
Delta R.T.: -0.001 min  
Response: 4427154  
Conc: 2.55 ng/ml



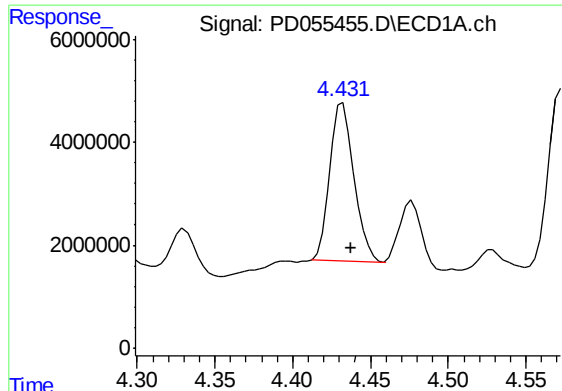
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 13717495  
Conc: 25.80 ng/ml



#6 beta-BHC

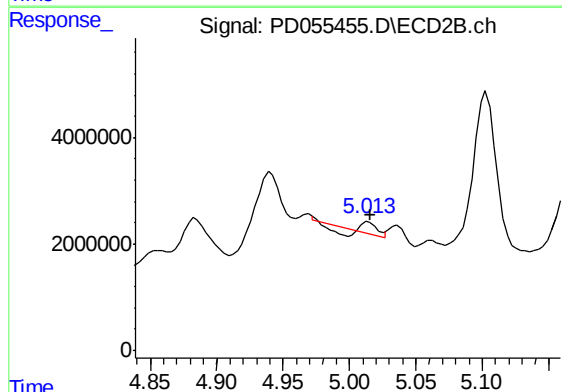
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 35587622  
Conc: 40.25 ng/ml



#7 delta-BHC

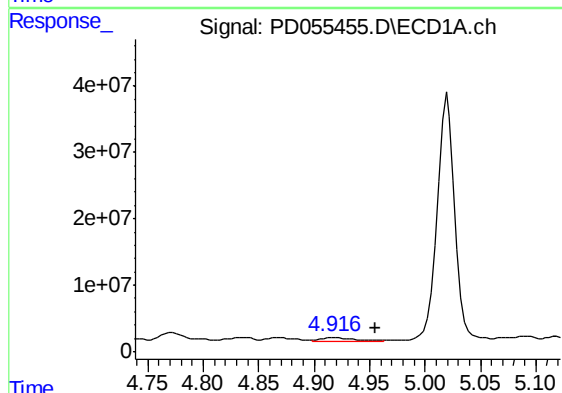
R.T.: 4.432 min  
Delta R.T.: -0.005 min  
Response: 33670921  
Conc: 27.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



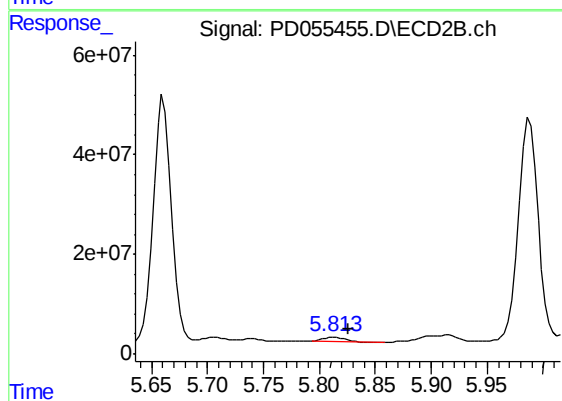
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: -0.001 min  
Response: 1074220  
Conc: 0.57 ng/ml



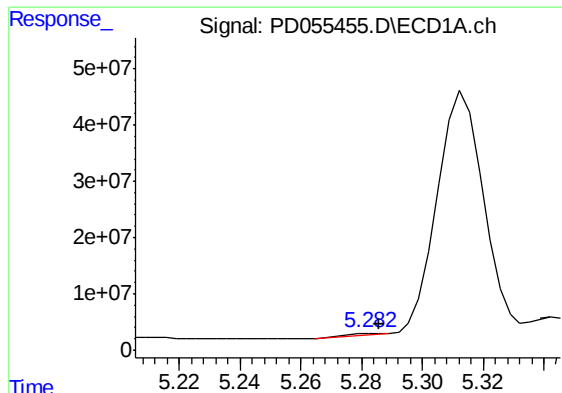
#8 Heptachlor epoxide

R.T.: 4.917 min  
Delta R.T.: -0.038 min  
Response: 11109385  
Conc: 11.01 ng/ml



#8 Heptachlor epoxide

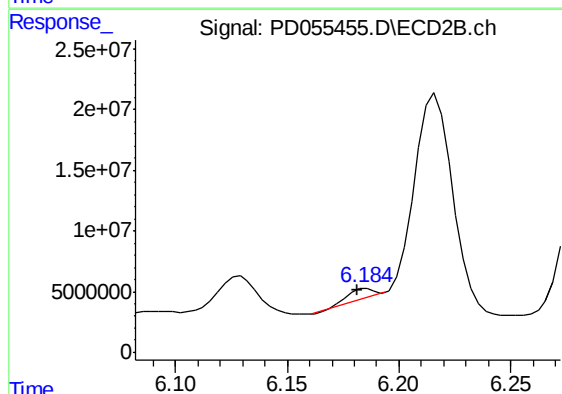
R.T.: 5.814 min  
Delta R.T.: -0.012 min  
Response: 9907411  
Conc: 5.80 ng/ml



#9 Endosulfan I

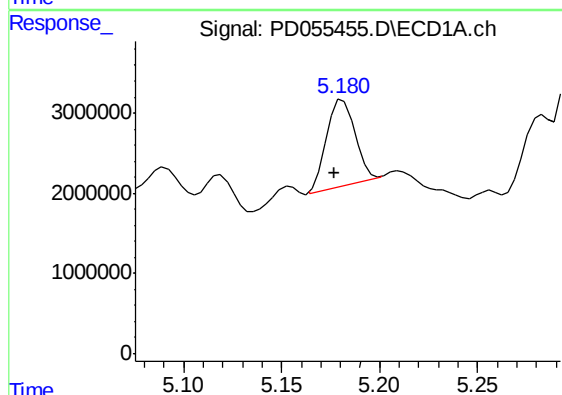
R.T.: 5.283 min  
Delta R.T.: -0.003 min  
Response: 2073876  
Conc: 2.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



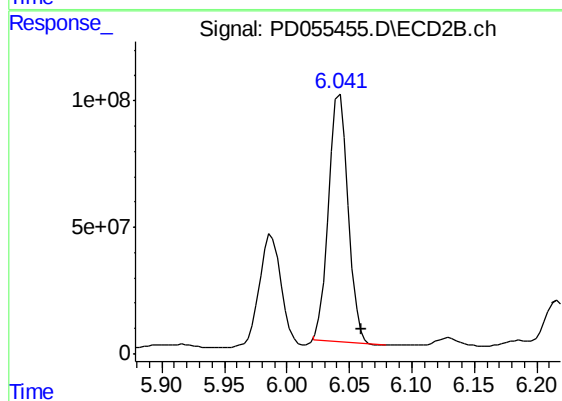
#9 Endosulfan I

R.T.: 6.186 min  
Delta R.T.: 0.005 min  
Response: 5437607  
Conc: 3.32 ng/ml



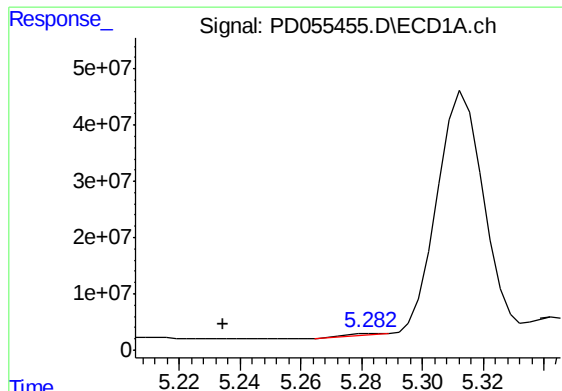
#10 trans-Chlordane

R.T.: 5.181 min  
Delta R.T.: 0.005 min  
Response: 10815612  
Conc: 10.46 ng/ml



#10 trans-Chlordane

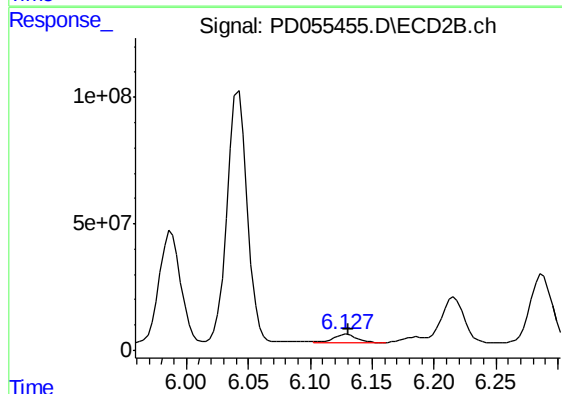
R.T.: 6.042 min  
Delta R.T.: -0.017 min  
Response: 1065097632  
Conc: 604.74 ng/ml



#11 cis-Chlordane

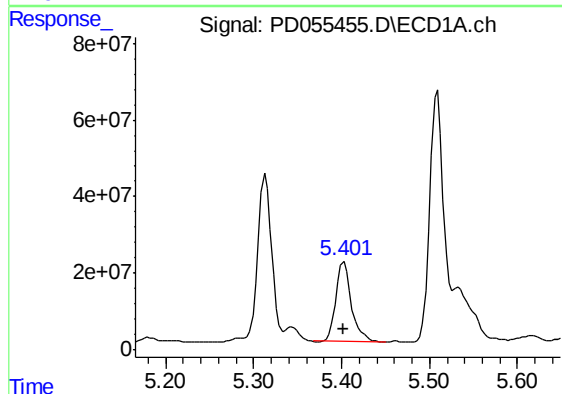
R.T.: 5.283 min  
Delta R.T.: 0.049 min  
Response: 2073876  
Conc: 2.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



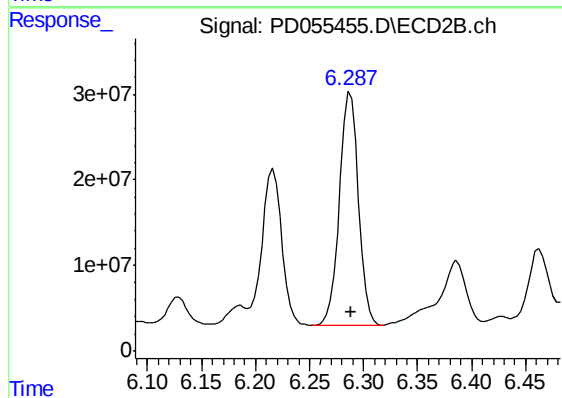
#11 cis-Chlordane

R.T.: 6.129 min  
Delta R.T.: -0.003 min  
Response: 38674851  
Conc: 22.50 ng/ml



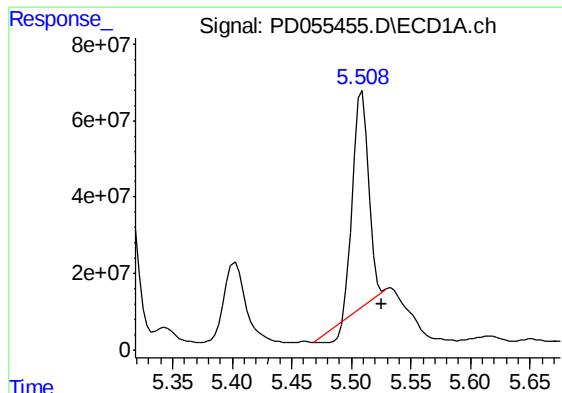
#12 4,4'-DDE

R.T.: 5.403 min  
Delta R.T.: 0.000 min  
Response: 255852959  
Conc: 251.02 ng/ml



#12 4,4'-DDE

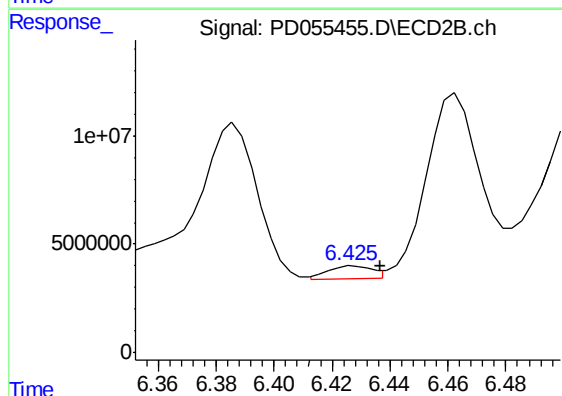
R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 333294389  
Conc: 197.67 ng/ml



#13 Dielldrin

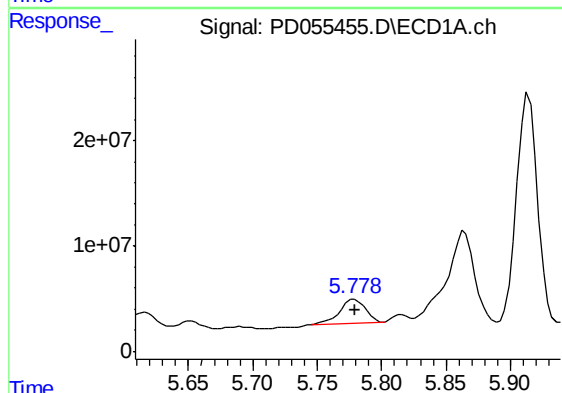
R.T.: 5.509 min  
Delta R.T.: -0.017 min  
Response: 485442486  
Conc: 438.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



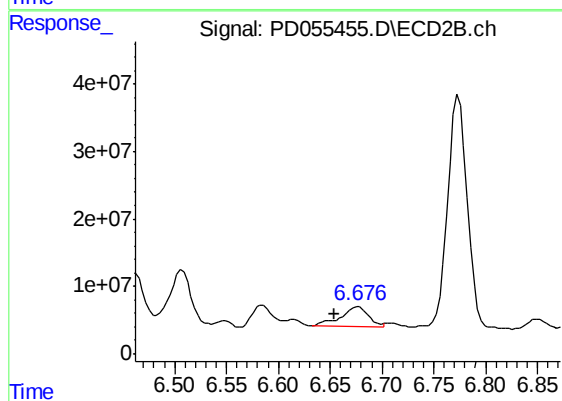
#13 Dielldrin

R.T.: 6.428 min  
Delta R.T.: -0.009 min  
Response: 6108551  
Conc: 3.38 ng/ml



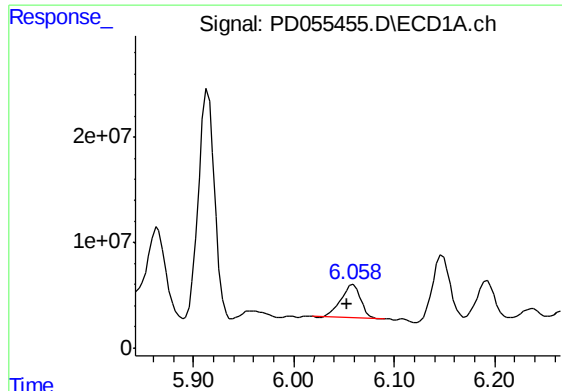
#14 Endrin

R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 31380730  
Conc: 35.03 ng/ml



#14 Endrin

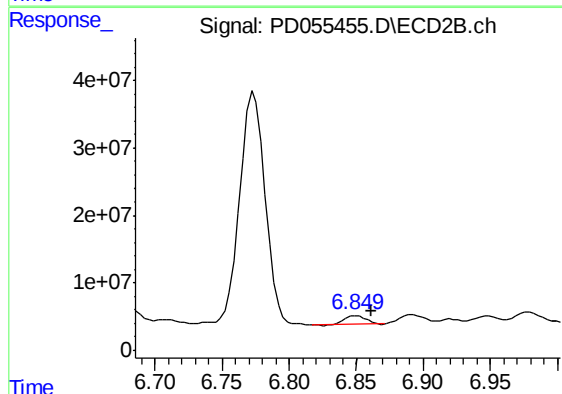
R.T.: 6.677 min  
Delta R.T.: 0.023 min  
Response: 54696540  
Conc: 39.16 ng/ml



#15 Endosulfan II

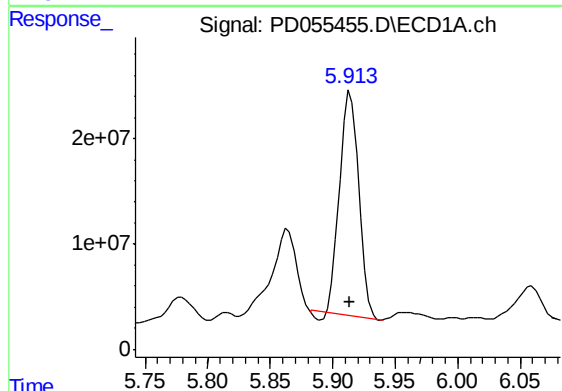
R.T.: 6.059 min  
Delta R.T.: 0.007 min  
Response: 40651336  
Conc: 42.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



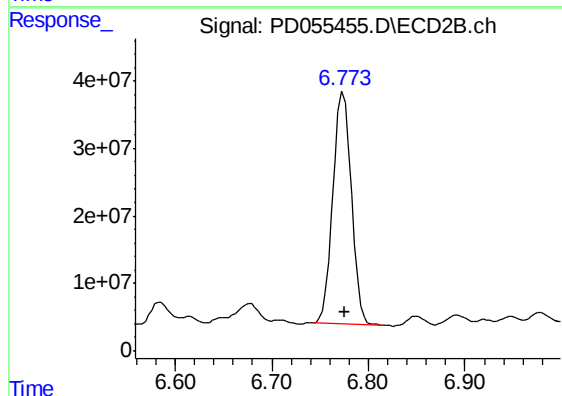
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: -0.011 min  
Response: 13719514  
Conc: 8.82 ng/ml



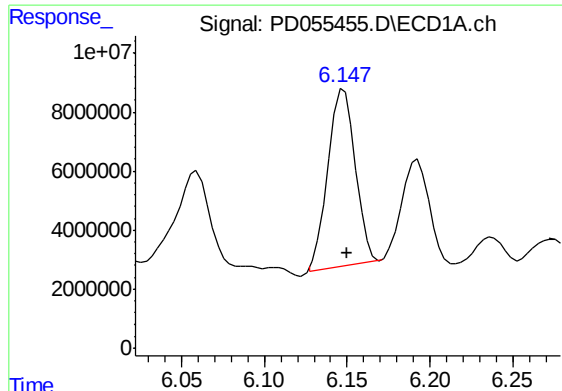
#16 4,4'-DDD

R.T.: 5.914 min  
Delta R.T.: 0.000 min  
Response: 224211335  
Conc: 276.64 ng/ml



#16 4,4'-DDD

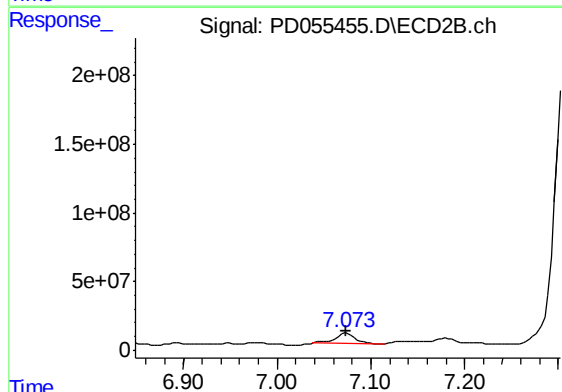
R.T.: 6.774 min  
Delta R.T.: -0.002 min  
Response: 449396760  
Conc: 314.13 ng/ml



#17 4,4'-DDT

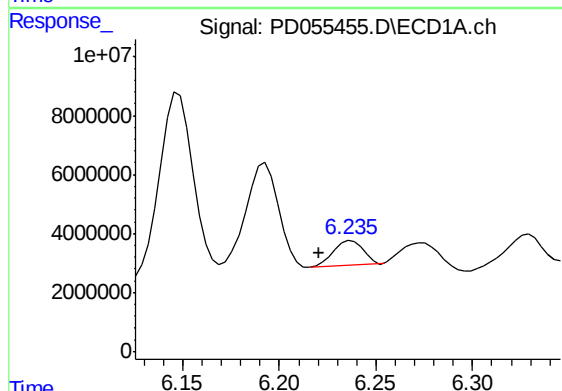
R.T.: 6.148 min  
Delta R.T.: -0.002 min  
Response: 69414595  
Conc: 102.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



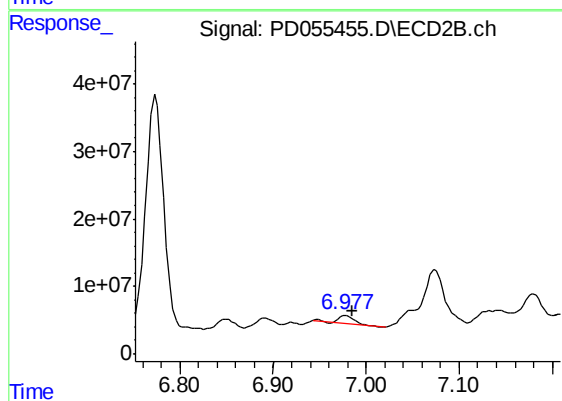
#17 4,4'-DDT

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 112010383  
Conc: 82.64 ng/ml



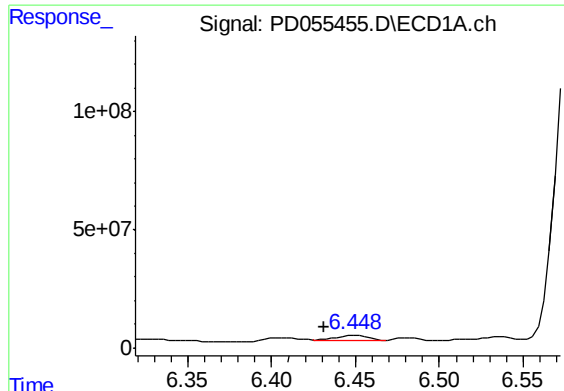
#18 Endrin aldehyde

R.T.: 6.237 min  
Delta R.T.: 0.017 min  
Response: 8964023  
Conc: 11.05 ng/ml



#18 Endrin aldehyde

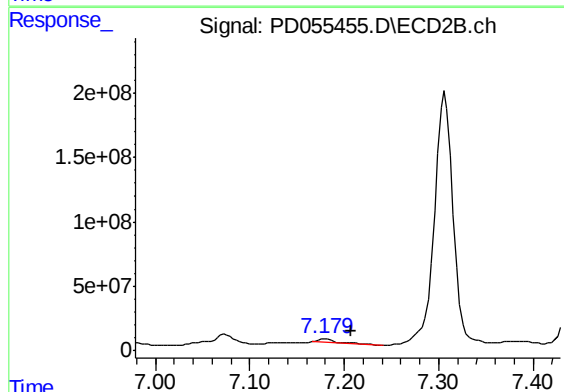
R.T.: 6.979 min  
Delta R.T.: -0.006 min  
Response: 14947336  
Conc: 11.29 ng/ml



#19 Endosulfan Sulfate

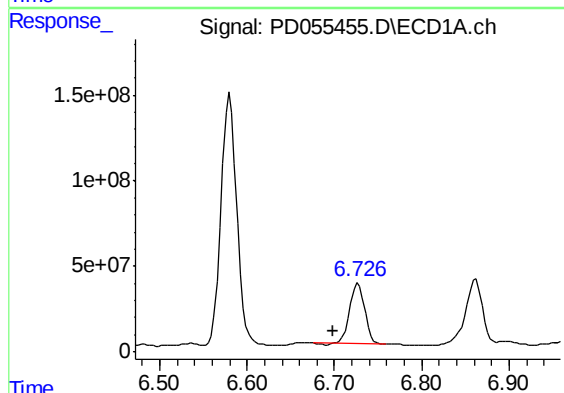
R.T.: 6.449 min  
Delta R.T.: 0.018 min  
Response: 22436705  
Conc: 25.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



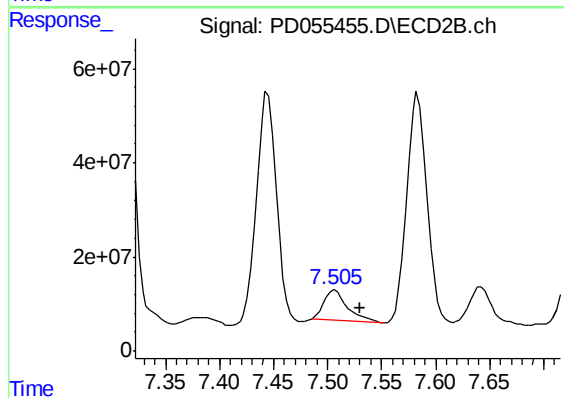
#19 Endosulfan Sulfate

R.T.: 7.181 min  
Delta R.T.: -0.027 min  
Response: 36542664  
Conc: 24.51 ng/ml



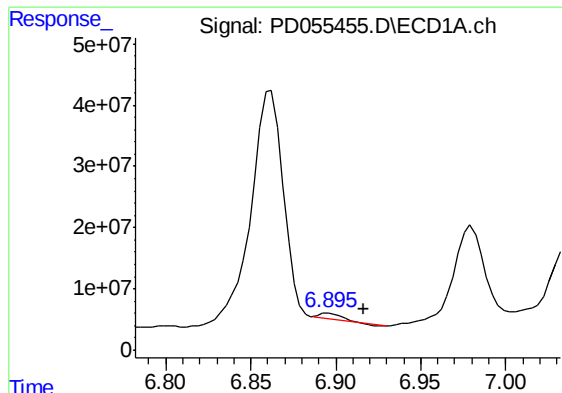
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: 0.028 min  
Response: 420537237  
Conc: 1153.20 ng/ml



#20 Methoxychlor

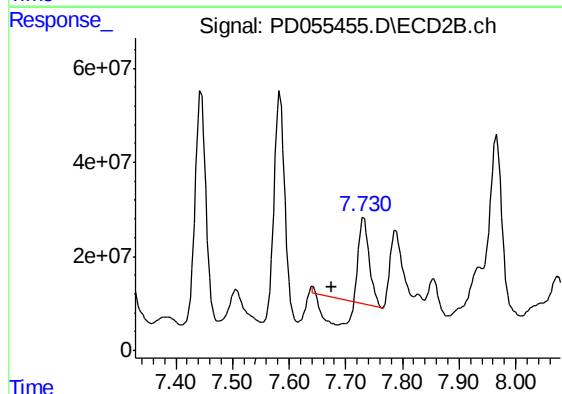
R.T.: 7.507 min  
Delta R.T.: -0.023 min  
Response: 98039915  
Conc: 127.17 ng/ml



#21 Endrin ketone

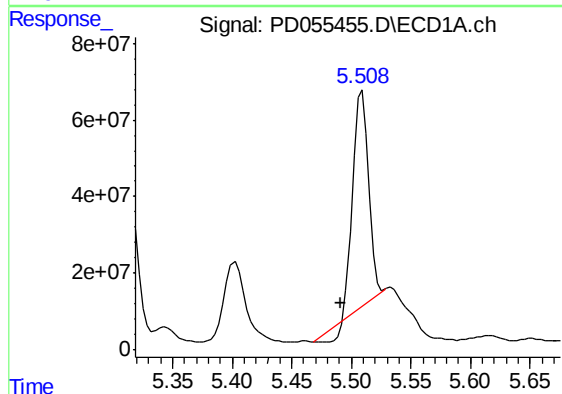
R.T.: 6.897 min  
Delta R.T.: -0.020 min  
Response: 8079388  
Conc: 8.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



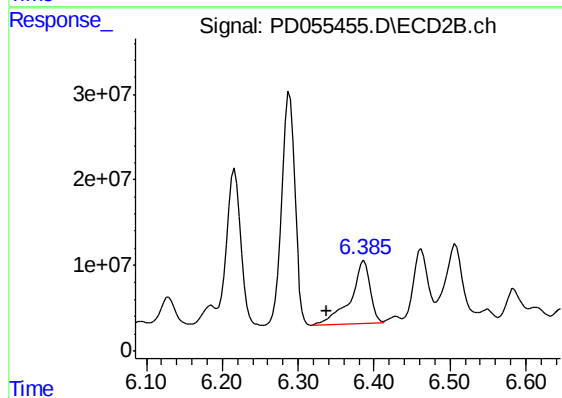
#21 Endrin ketone

R.T.: 7.731 min  
Delta R.T.: 0.055 min  
Response: 82898166  
Conc: 51.76 ng/ml



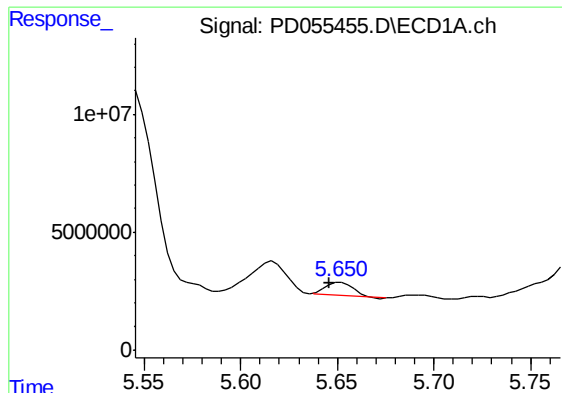
#22 Toxaphene-1

R.T.: 5.509 min  
Delta R.T.: 0.018 min  
Response: 485442486  
Conc: 82951.83 ng/ml



#22 Toxaphene-1

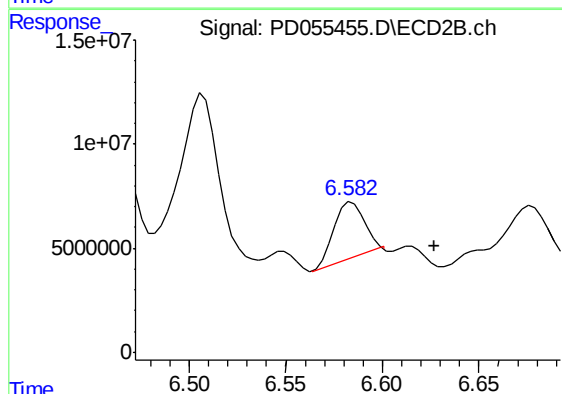
R.T.: 6.386 min  
Delta R.T.: 0.048 min  
Response: 127647699  
Conc: 16346.91 ng/ml



#23 Toxaphene-2

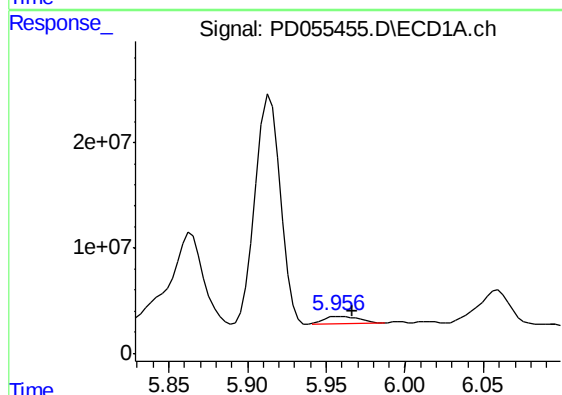
R.T.: 5.652 min  
Delta R.T.: 0.006 min  
Response: 5691191  
Conc: 975.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



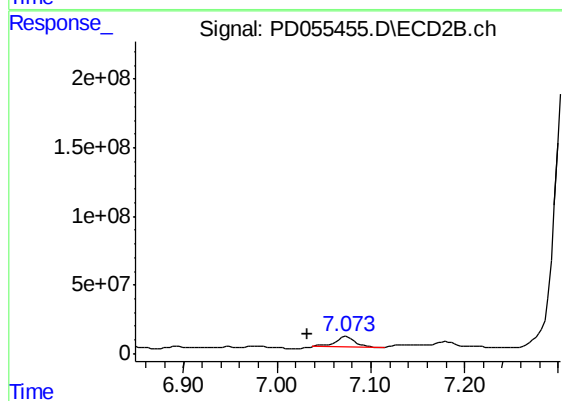
#23 Toxaphene-2

R.T.: 6.584 min  
Delta R.T.: -0.043 min  
Response: 30329548  
Conc: 3114.12 ng/ml



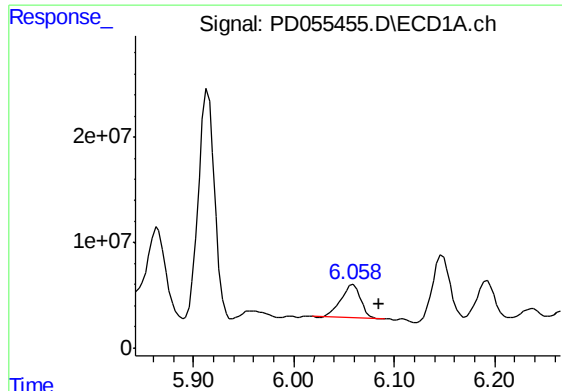
#24 Toxaphene-3

R.T.: 5.958 min  
Delta R.T.: -0.008 min  
Response: 10942056  
Conc: 2031.97 ng/ml



#24 Toxaphene-3

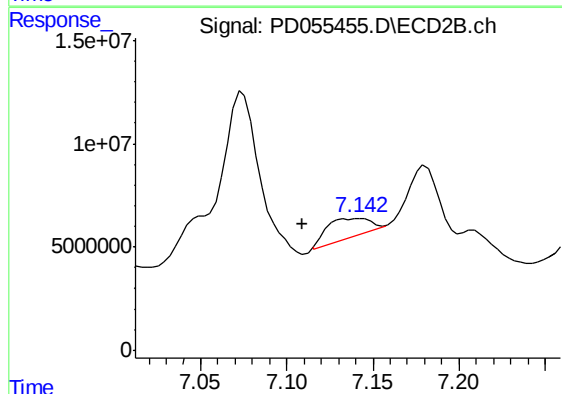
R.T.: 7.075 min  
Delta R.T.: 0.042 min  
Response: 112010383  
Conc: 8258.44 ng/ml



#25 Toxaphene-4

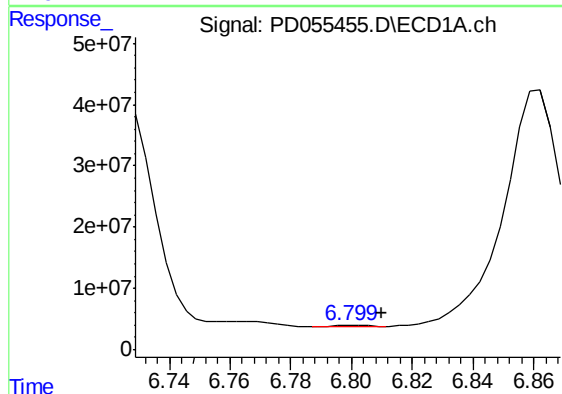
R.T.: 6.059 min  
Delta R.T.: -0.026 min  
Response: 40651336  
Conc: 2661.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



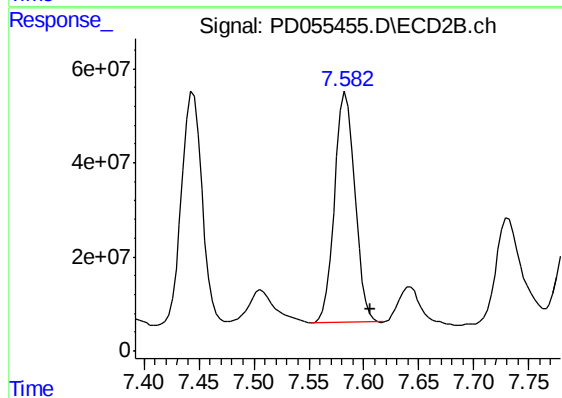
#25 Toxaphene-4

R.T.: 7.143 min  
Delta R.T.: 0.034 min  
Response: 15776001  
Conc: 409.43 ng/ml



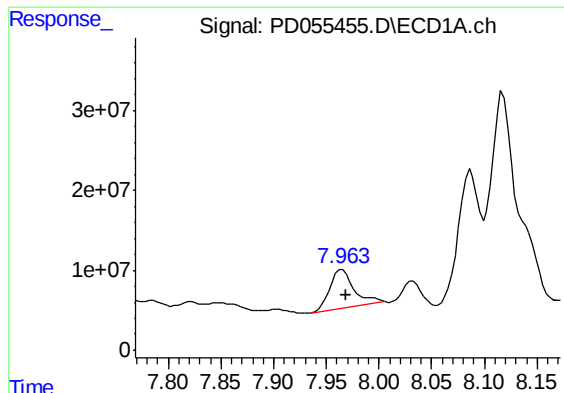
#26 Toxaphene-5

R.T.: 6.801 min  
Delta R.T.: -0.009 min  
Response: 1039480  
Conc: 58.83 ng/ml



#26 Toxaphene-5

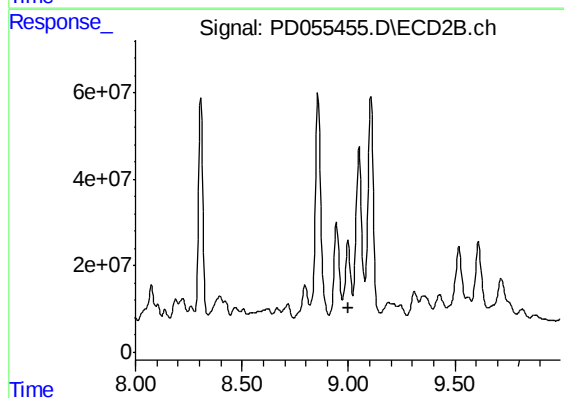
R.T.: 7.584 min  
Delta R.T.: -0.023 min  
Response: 631549223  
Conc: 34804.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: -0.004 min  
Response: 77952863  
Conc: 85.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB79RE



#27 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: 0.000 min  
Response: -32062913  
Conc: N.D.