

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102219\  
 Data File : PD055514.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Oct 2019 18:27  
 Operator : SG\AJ  
 Sample : K5354-12MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BFB86MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 01:17:53 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 x 0.2 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  | 3.962  | 9893343  | 14293723 | 11.096    | 10.617     |
| 27)                         | SA Decachlor... | 7.965  | 8.998  | 31001209 | 59295259 | 33.856    | 45.444 #   |
| Target Compounds            |                 |        |        |          |          |           |            |
| 2)                          | A alpha-BHC     | 3.716  | 4.349  | 3101381  | 426107   | 2.470     | 0.219 #    |
| 3)                          | MA gamma-BHC... | 3.994  | 4.632  | 54719938 | 78554835 | 46.177    | 42.602     |
| 4)                          | MA Heptachlor   | 4.277  | 5.138  | 38429828 | 45681771 | 42.233    | 24.496 #   |
| 5)                          | MB Aldrin       | 4.518  | 5.442  | 34639700 | 57624868 | 32.565    | 33.139     |
| 6)                          | B beta-BHC      | 4.277f | 4.826f | 38429828 | -5001490 | 72.292    | N.D. #     |
| 7)                          | B delta-BHC     | 4.432  | 5.043f | 6441433  | 3751446  | 5.259     | 1.977 #    |
| 8)                          | B Heptachlo...  | 5.018f | 5.817  | 35980921 | 7148514  | 35.666    | 4.186 #    |
| 9)                          | A Endosulfan I  | 5.313  | 6.180  | 54320492 | 579053   | 56.514    | 0.353 #    |
| 10)                         | B trans-Chl...  | 5.199  | 6.074  | 10334223 | 4460985  | 9.995     | 2.533 #    |
| 11)                         | B cis-Chlor...  | 5.255  | 6.129  | 3856401  | 3443489  | 3.839     | 2.003 #    |
| 12)                         | B 4,4'-DDE      | 5.438f | 6.288  | 2279511  | 16511916 | 2.236     | 9.793 #    |
| 13)                         | MA Dieldrin     | 5.527  | 6.436  | 156.9E6  | 134.7E6  | 141.580   | 74.413 #   |
| 14)                         | MA Endrin       | 5.779  | 6.654  | 76307495 | 81466671 | 85.192    | 58.324 #   |
| 15)                         | B Endosulfa...  | 6.057  | 6.850  | 13345784 | 6371923  | 13.941    | 4.099 #    |
| 16)                         | A 4,4'-DDD      | 5.916  | 6.780  | 6578701  | 107.3E6  | 8.117     | 74.991 #   |
| 17)                         | MA 4,4'-DDT     | 6.146  | 7.074  | 86558673 | 61547509 | 127.669   | 45.409 #   |
| 18)                         | B Endrin al...  | 6.235  | 6.983  | -1078102 | 15882004 | N.D.      | 11.998     |
| 19)                         | B Endosulfa...  | 6.427  | 7.220  | 15774409 | 3327537  | 17.696    | 2.232 #    |
| 20)                         | A Methoxychlor  | 6.671  | 7.504  | 32662971 | 16773248 | 89.569    | 21.757 #   |
| 21)                         | B Endrin ke...  | 6.862f | 7.732f | 49228669 | 41895666 | 50.368    | 26.158 #   |
| 22)                         | Toxaphene-1     | 5.527  | 6.330  | 156.9E6  | 2557939  | 26811.755 | 327.577 #  |
| 23)                         | Toxaphene-2     | 5.650  | 6.654  | 27486838 | 81466671 | 4713.144  | 8364.678 # |
| 24)                         | Toxaphene-3     | 5.973  | 7.074  | 30666473 | 61547509 | 5694.836  | 4537.852   |
| 25)                         | Toxaphene-4     | 6.057  | 7.074  | 13345784 | 61547509 | 873.782   | 1597.329 # |
| 26)                         | Toxaphene-5     | 6.862  | 7.584  | 49228669 | 49604802 | 2786.014  | 2733.692   |
| -----                       |                 |        |        |          |          |           |            |

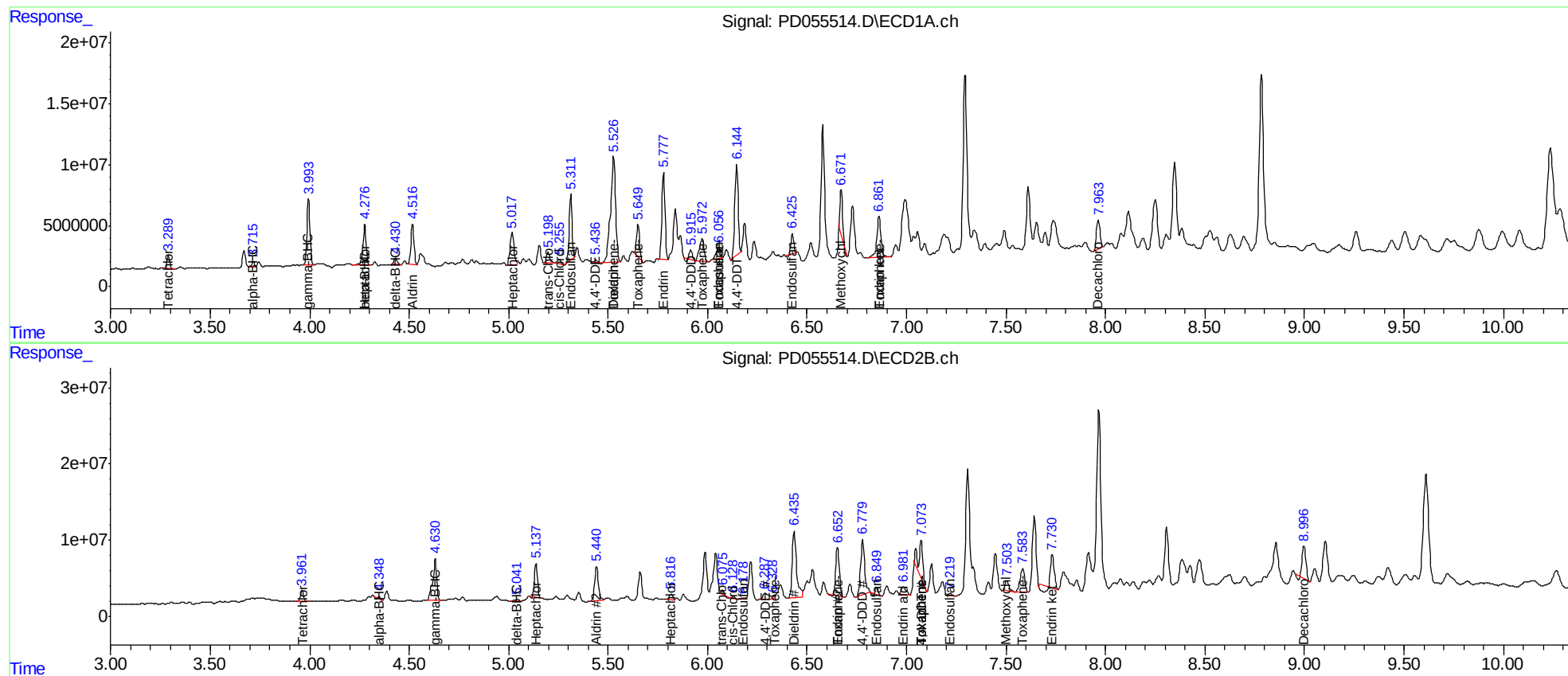
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

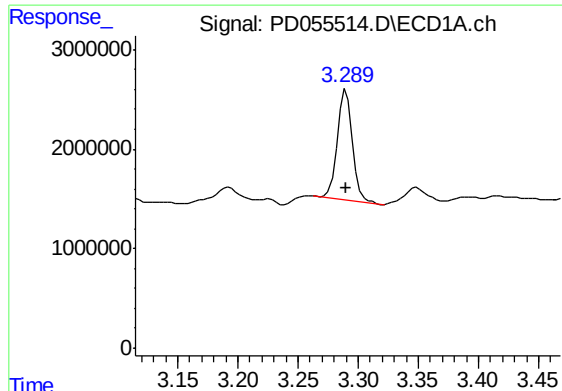
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102219\  
Data File : PD055514.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Oct 2019 18:27  
Operator : SG\AJ  
Sample : K5354-12MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 01:17:53 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

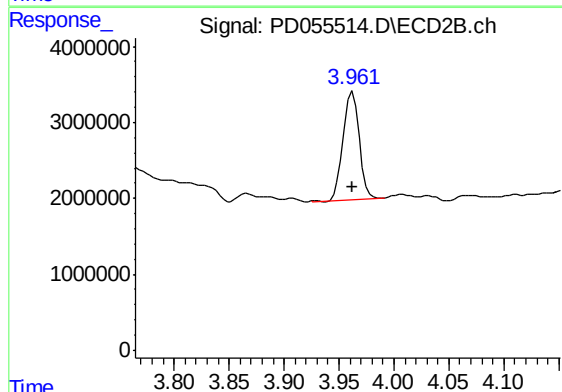




#1 Tetrachloro-m-xylene

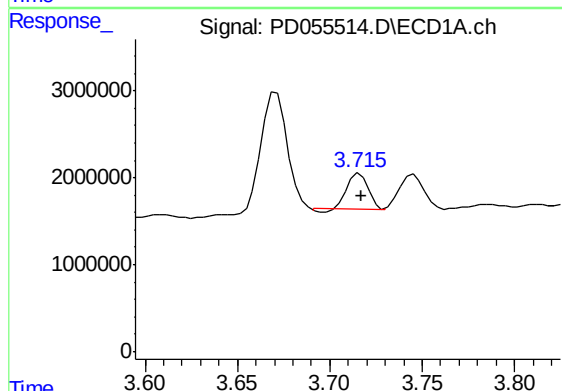
R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 9893343  
Conc: 11.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



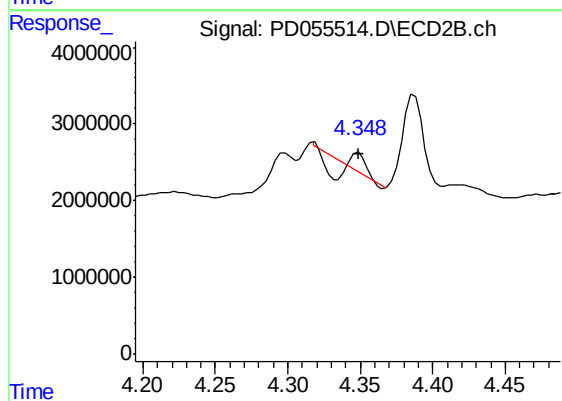
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 14293723  
Conc: 10.62 ng/ml



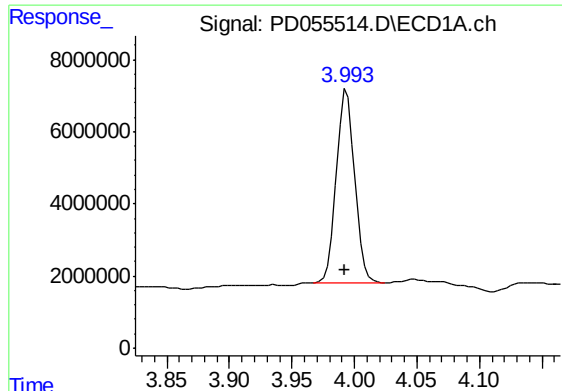
#2 alpha-BHC

R.T.: 3.716 min  
Delta R.T.: 0.000 min  
Response: 3101381  
Conc: 2.47 ng/ml



#2 alpha-BHC

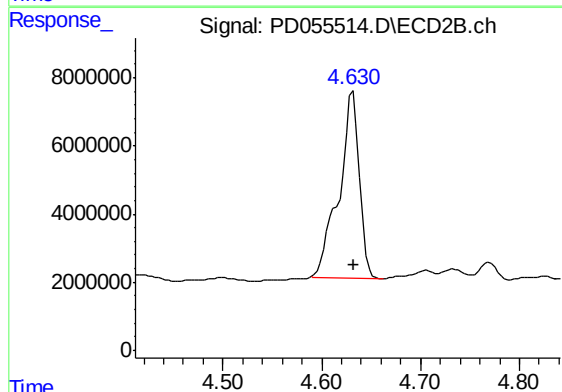
R.T.: 4.349 min  
Delta R.T.: 0.000 min  
Response: 426107  
Conc: 0.22 ng/ml



#3 gamma-BHC (Lindane)

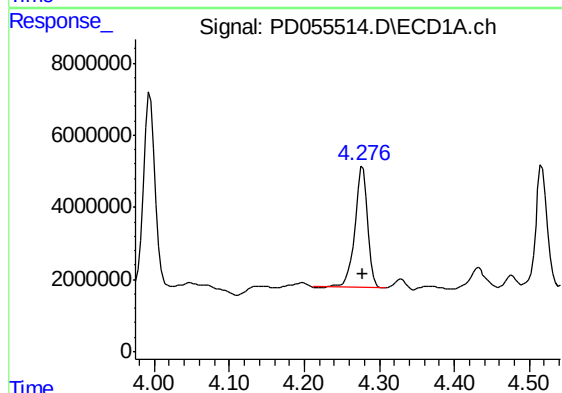
R.T.: 3.994 min  
Delta R.T.: 0.001 min  
Response: 54719938  
Conc: 46.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



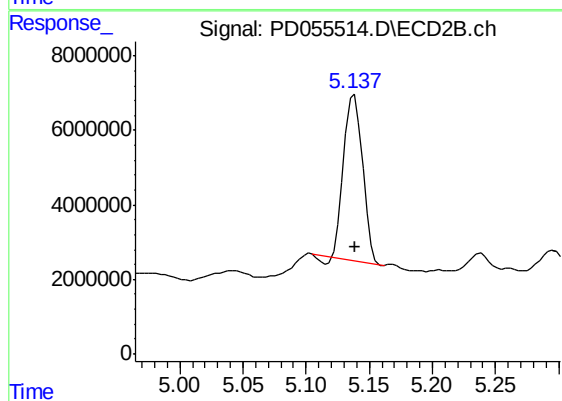
#3 gamma-BHC (Lindane)

R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 78554835  
Conc: 42.60 ng/ml



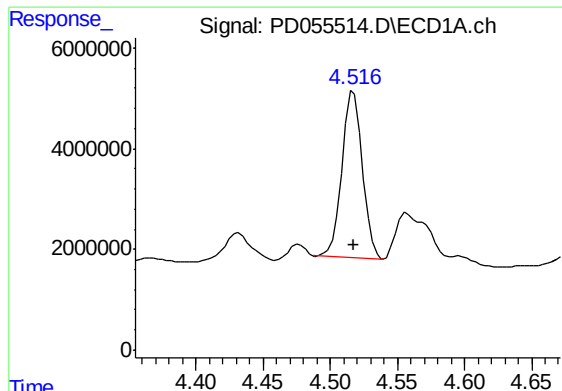
#4 Heptachlor

R.T.: 4.277 min  
Delta R.T.: -0.001 min  
Response: 38429828  
Conc: 42.23 ng/ml



#4 Heptachlor

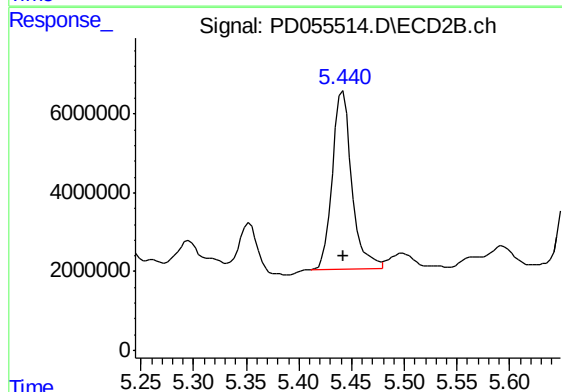
R.T.: 5.138 min  
Delta R.T.: 0.000 min  
Response: 45681771  
Conc: 24.50 ng/ml



#5 Aldrin

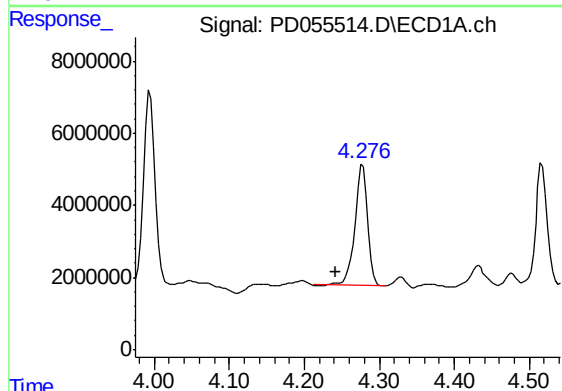
R.T.: 4.518 min  
Delta R.T.: 0.000 min  
Response: 34639700  
Conc: 32.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



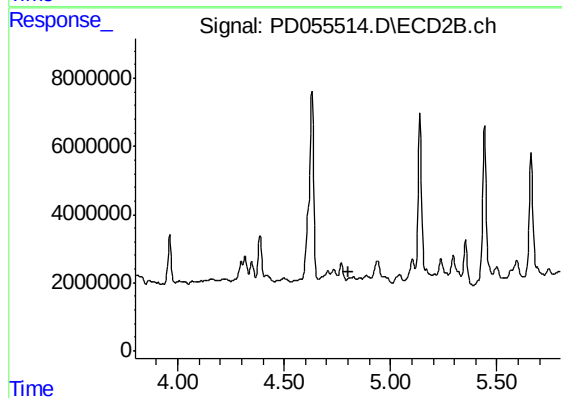
#5 Aldrin

R.T.: 5.442 min  
Delta R.T.: 0.000 min  
Response: 57624868  
Conc: 33.14 ng/ml



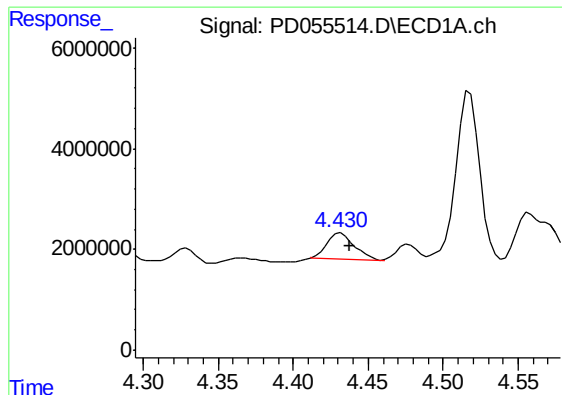
#6 beta-BHC

R.T.: 4.277 min  
Delta R.T.: 0.035 min  
Response: 38429828  
Conc: 72.29 ng/ml



#6 beta-BHC

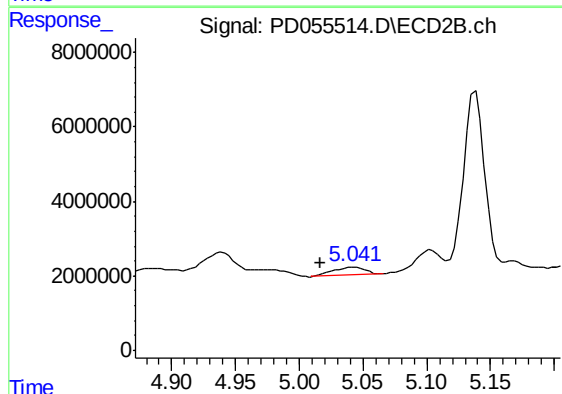
R.T.: 4.826 min  
Delta R.T.: 0.026 min  
Response: -5001490  
Conc: N.D.



#7 delta-BHC

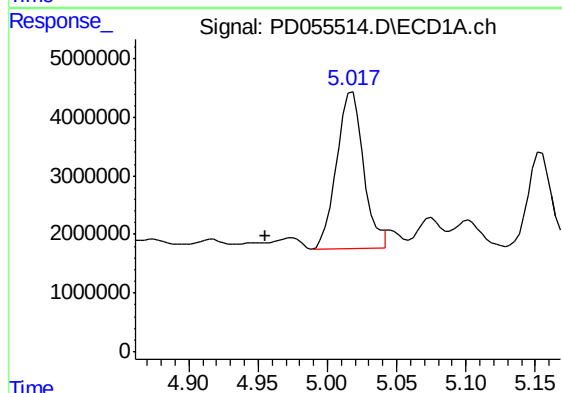
R.T.: 4.432 min  
Delta R.T.: -0.006 min  
Response: 6441433  
Conc: 5.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



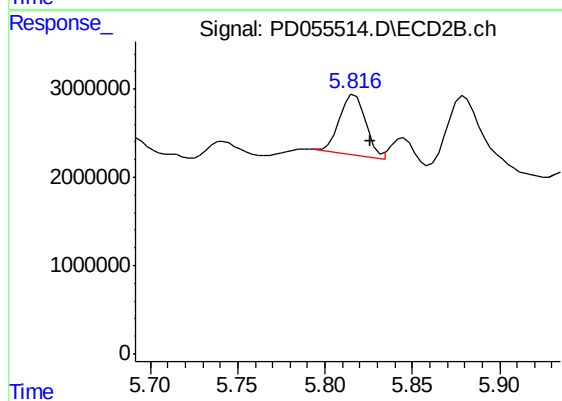
#7 delta-BHC

R.T.: 5.043 min  
Delta R.T.: 0.027 min  
Response: 3751446  
Conc: 1.98 ng/ml



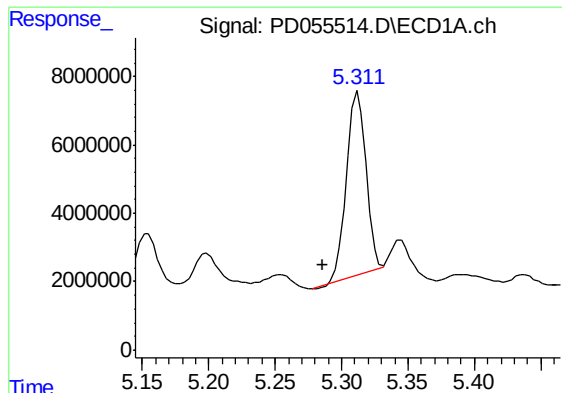
#8 Heptachlor epoxide

R.T.: 5.018 min  
Delta R.T.: 0.063 min  
Response: 35980921  
Conc: 35.67 ng/ml



#8 Heptachlor epoxide

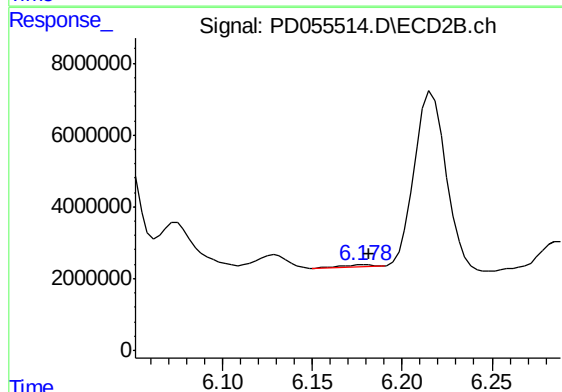
R.T.: 5.817 min  
Delta R.T.: -0.009 min  
Response: 7148514  
Conc: 4.19 ng/ml



#9 Endosulfan I

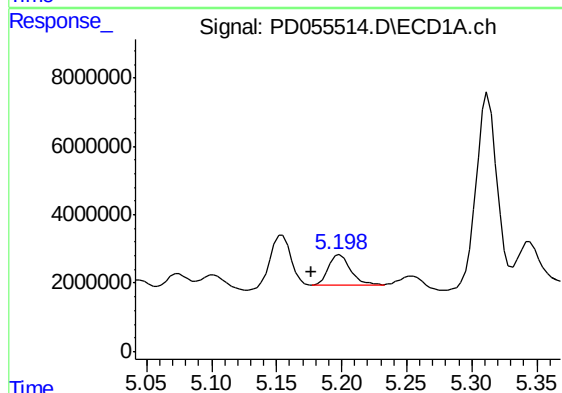
R.T.: 5.313 min  
Delta R.T.: 0.027 min  
Response: 54320492  
Conc: 56.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



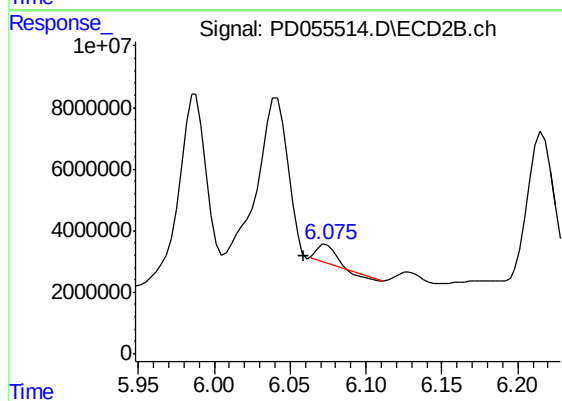
#9 Endosulfan I

R.T.: 6.180 min  
Delta R.T.: -0.001 min  
Response: 579053  
Conc: 0.35 ng/ml



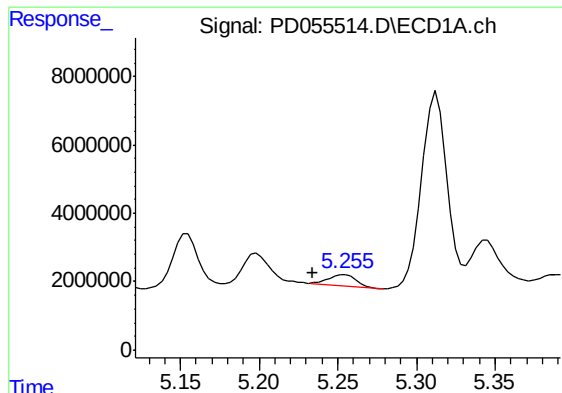
#10 trans-Chlordane

R.T.: 5.199 min  
Delta R.T.: 0.022 min  
Response: 10334223  
Conc: 10.00 ng/ml



#10 trans-Chlordane

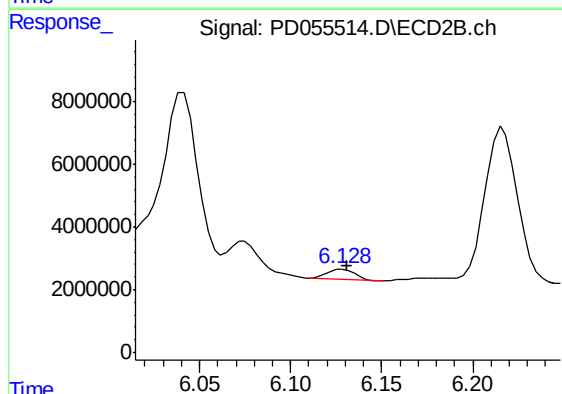
R.T.: 6.074 min  
Delta R.T.: 0.015 min  
Response: 4460985  
Conc: 2.53 ng/ml



#11 cis-Chlordane

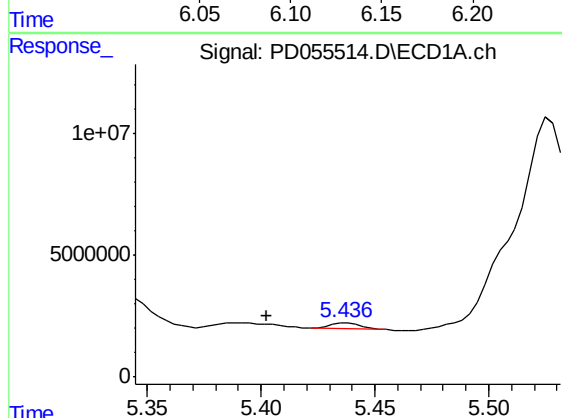
R.T.: 5.255 min  
Delta R.T.: 0.020 min  
Response: 3856401  
Conc: 3.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



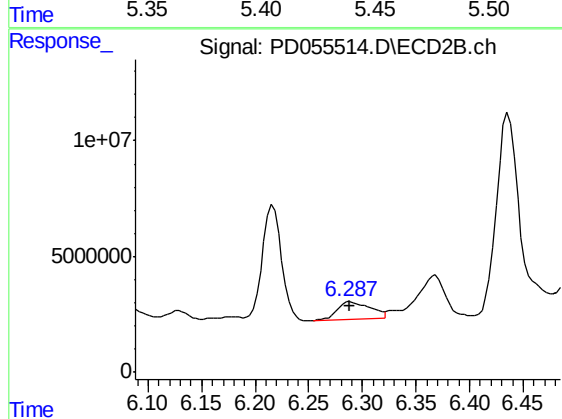
#11 cis-Chlordane

R.T.: 6.129 min  
Delta R.T.: -0.002 min  
Response: 3443489  
Conc: 2.00 ng/ml



#12 4,4'-DDE

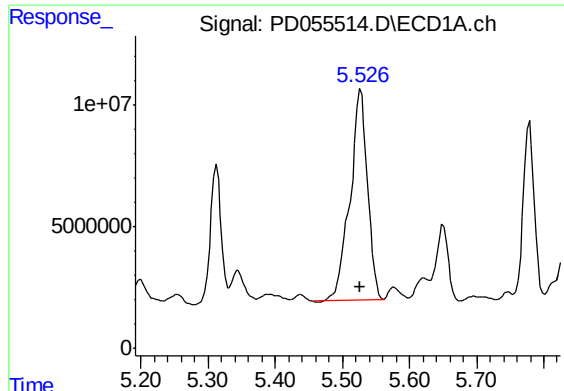
R.T.: 5.438 min  
Delta R.T.: 0.035 min  
Response: 2279511  
Conc: 2.24 ng/ml



#12 4,4'-DDE

R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 16511916  
Conc: 9.79 ng/ml

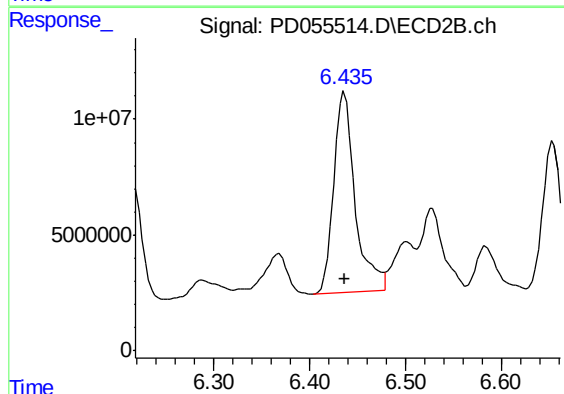




#13 Dielddrin

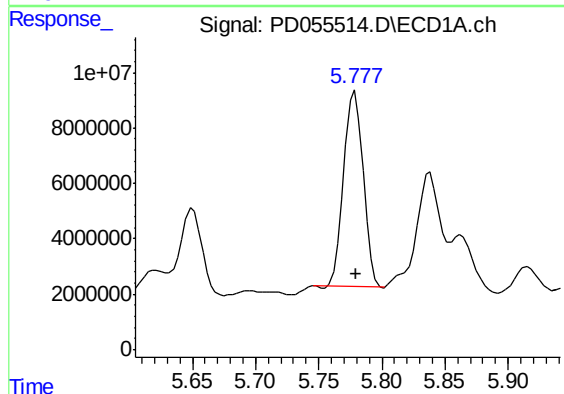
R.T.: 5.527 min  
Delta R.T.: 0.000 min  
Response: 156905097  
Conc: 141.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



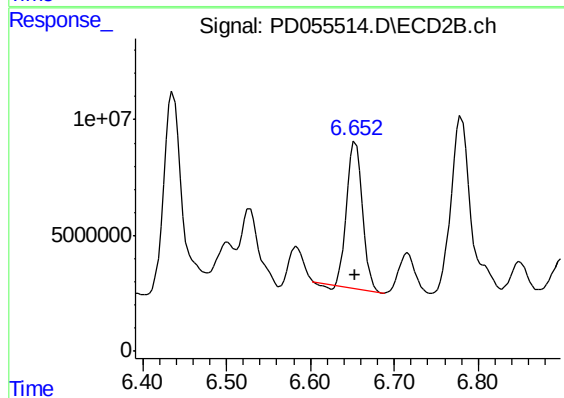
#13 Dielddrin

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 134675425  
Conc: 74.41 ng/ml



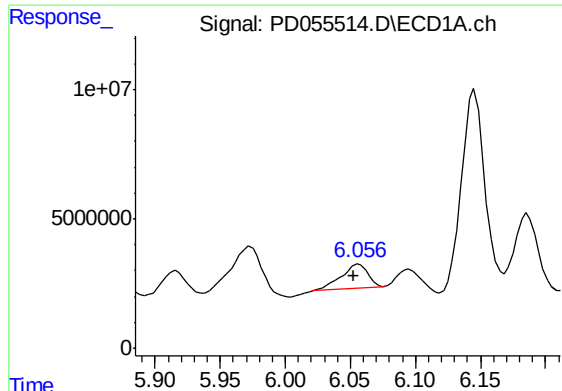
#14 Endrin

R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 76307495  
Conc: 85.19 ng/ml



#14 Endrin

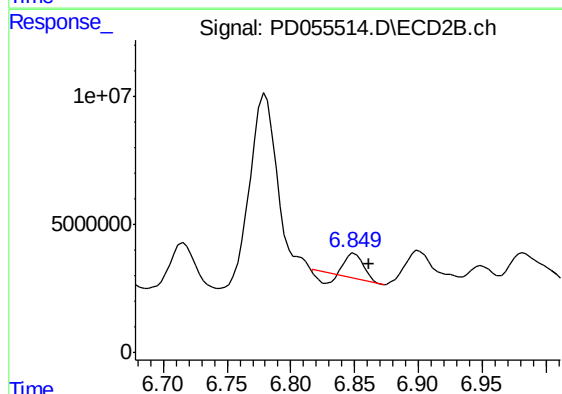
R.T.: 6.654 min  
Delta R.T.: 0.000 min  
Response: 81466671  
Conc: 58.32 ng/ml



#15 Endosulfan II

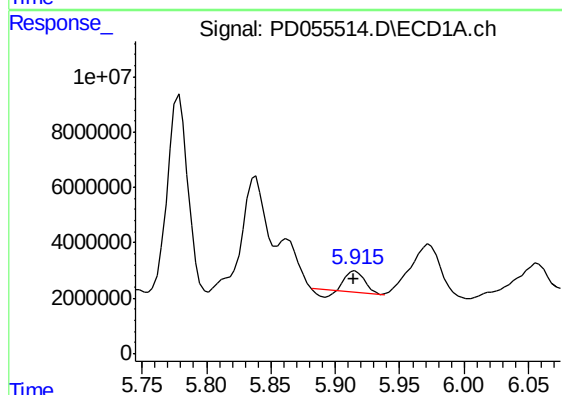
R.T.: 6.057 min  
Delta R.T.: 0.004 min  
Response: 13345784  
Conc: 13.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



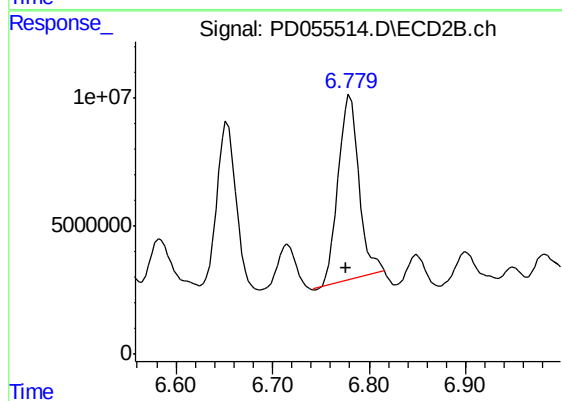
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: -0.011 min  
Response: 6371923  
Conc: 4.10 ng/ml



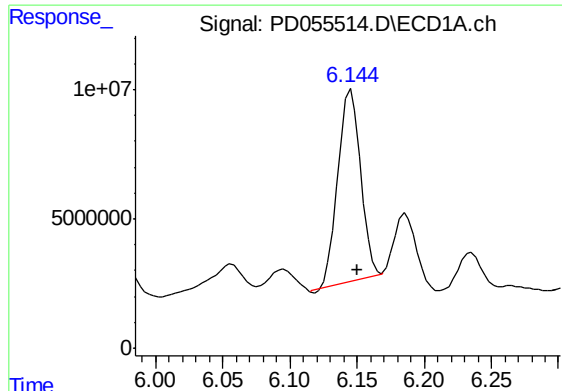
#16 4,4'-DDD

R.T.: 5.916 min  
Delta R.T.: 0.002 min  
Response: 6578701  
Conc: 8.12 ng/ml



#16 4,4'-DDD

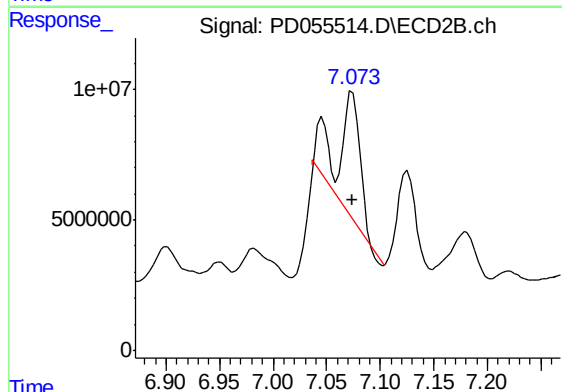
R.T.: 6.780 min  
Delta R.T.: 0.004 min  
Response: 107284092  
Conc: 74.99 ng/ml



#17 4,4'-DDT

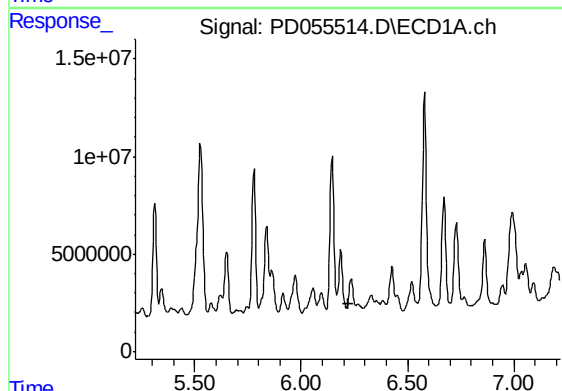
R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 86558673  
Conc: 127.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



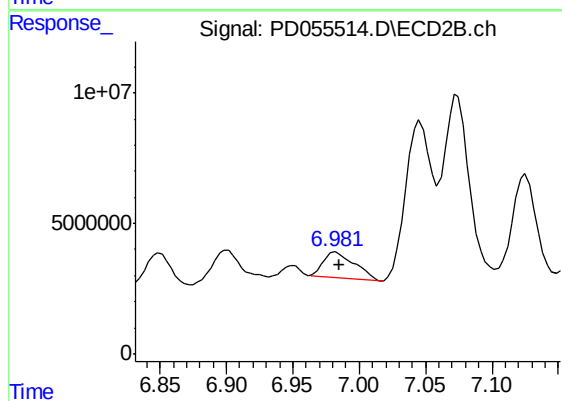
#17 4,4'-DDT

R.T.: 7.074 min  
Delta R.T.: 0.000 min  
Response: 61547509  
Conc: 45.41 ng/ml



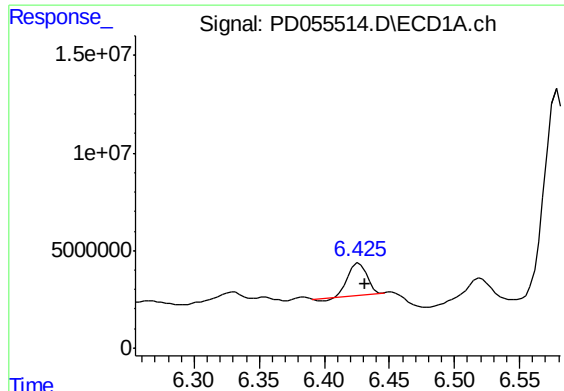
#18 Endrin aldehyde

R.T.: 6.235 min  
Delta R.T.: 0.014 min  
Response: -1078102  
Conc: N.D.



#18 Endrin aldehyde

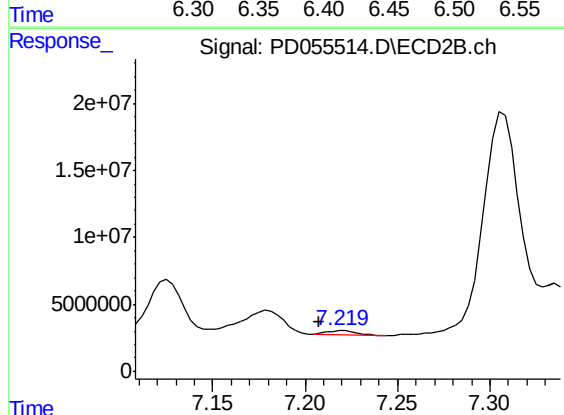
R.T.: 6.983 min  
Delta R.T.: -0.002 min  
Response: 15882004  
Conc: 12.00 ng/ml



#19 Endosulfan Sulfate

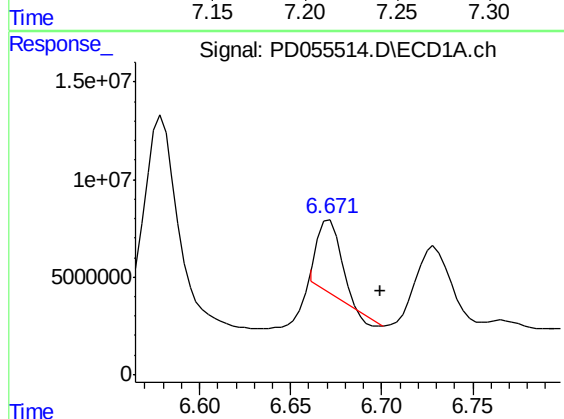
R.T.: 6.427 min  
Delta R.T.: -0.005 min  
Response: 15774409  
Conc: 17.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



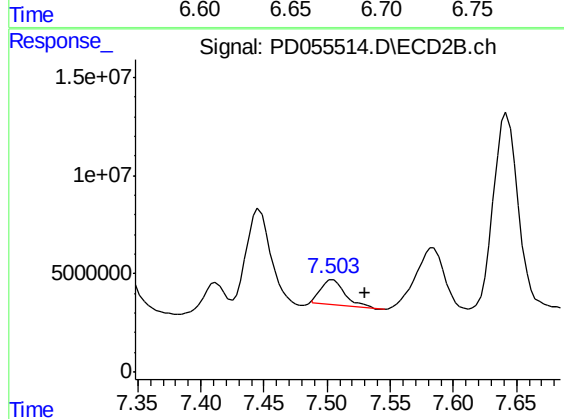
#19 Endosulfan Sulfate

R.T.: 7.220 min  
Delta R.T.: 0.013 min  
Response: 3327537  
Conc: 2.23 ng/ml



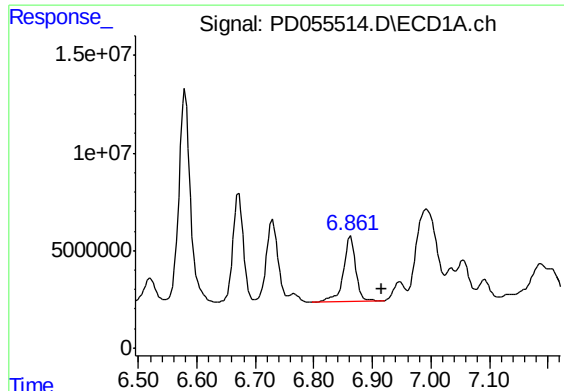
#20 Methoxychlor

R.T.: 6.671 min  
Delta R.T.: -0.028 min  
Response: 32662971  
Conc: 89.57 ng/ml



#20 Methoxychlor

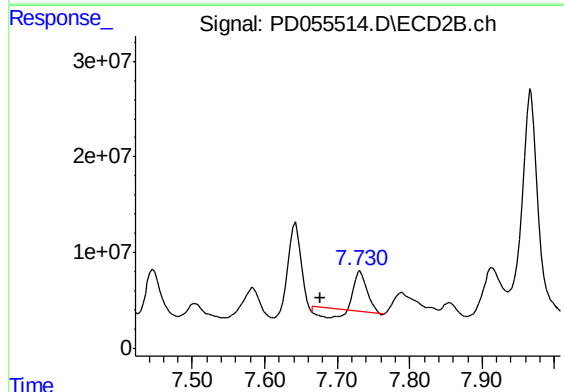
R.T.: 7.504 min  
Delta R.T.: -0.026 min  
Response: 16773248  
Conc: 21.76 ng/ml



#21 Endrin ketone

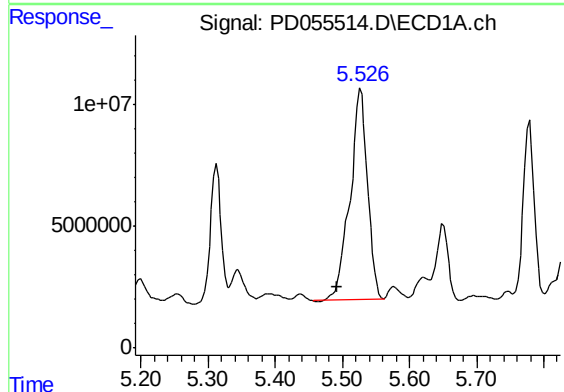
R.T.: 6.862 min  
Delta R.T.: -0.054 min  
Response: 49228669  
Conc: 50.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



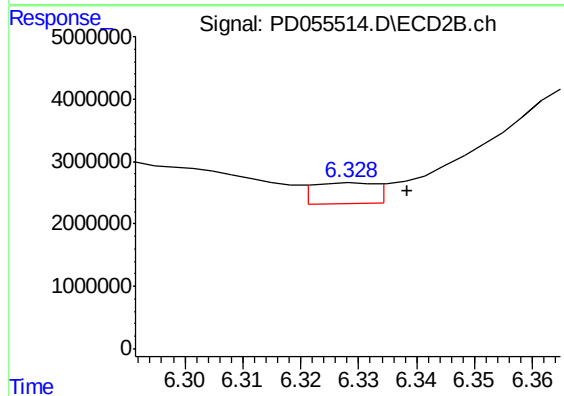
#21 Endrin ketone

R.T.: 7.732 min  
Delta R.T.: 0.056 min  
Response: 41895666  
Conc: 26.16 ng/ml



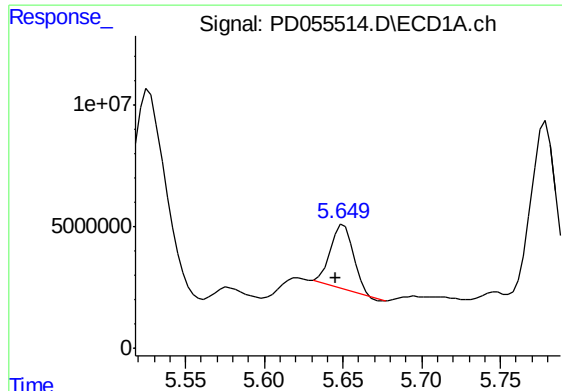
#22 Toxaphene-1

R.T.: 5.527 min  
Delta R.T.: 0.036 min  
Response: 156905097  
Conc: 26811.76 ng/ml



#22 Toxaphene-1

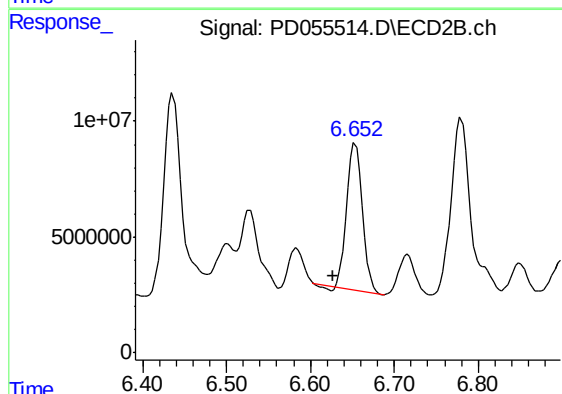
R.T.: 6.330 min  
Delta R.T.: -0.008 min  
Response: 2557939  
Conc: 327.58 ng/ml



#23 Toxaphene-2

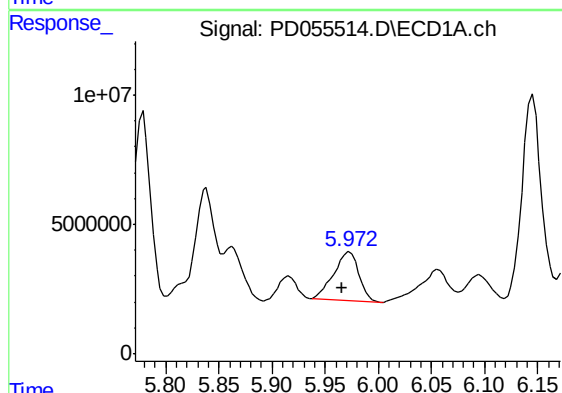
R.T.: 5.650 min  
Delta R.T.: 0.005 min  
Response: 27486838  
Conc: 4713.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



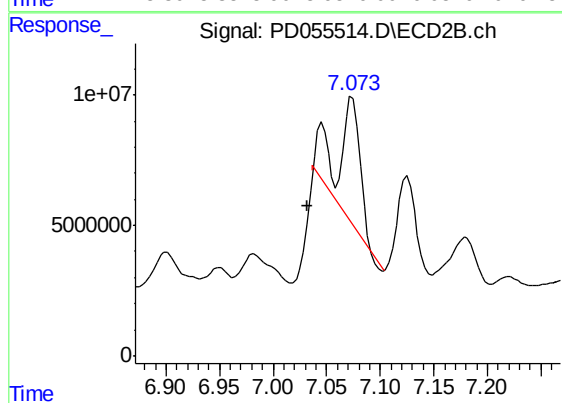
#23 Toxaphene-2

R.T.: 6.654 min  
Delta R.T.: 0.027 min  
Response: 81466671  
Conc: 8364.68 ng/ml



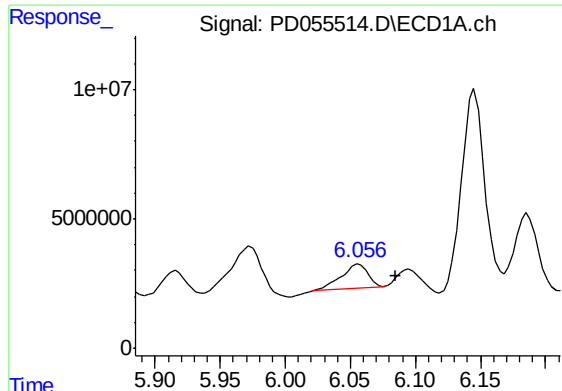
#24 Toxaphene-3

R.T.: 5.973 min  
Delta R.T.: 0.007 min  
Response: 30666473  
Conc: 5694.84 ng/ml



#24 Toxaphene-3

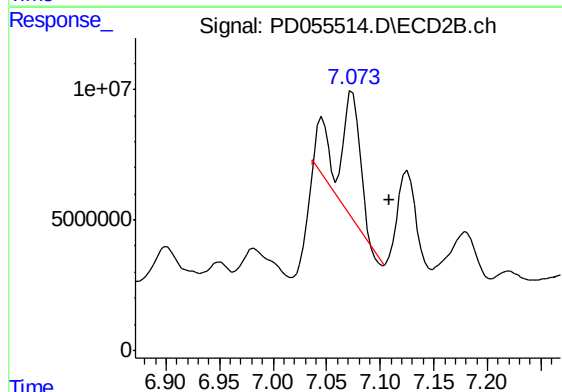
R.T.: 7.074 min  
Delta R.T.: 0.042 min  
Response: 61547509  
Conc: 4537.85 ng/ml



#25 Toxaphene-4

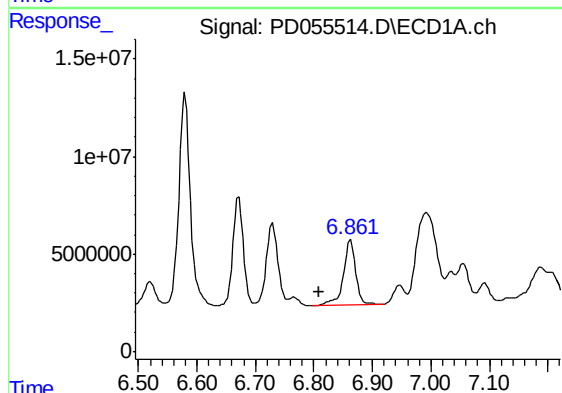
R.T.: 6.057 min  
Delta R.T.: -0.028 min  
Response: 13345784  
Conc: 873.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



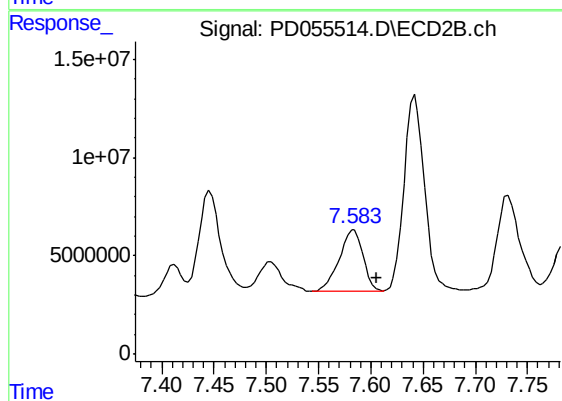
#25 Toxaphene-4

R.T.: 7.074 min  
Delta R.T.: -0.035 min  
Response: 61547509  
Conc: 1597.33 ng/ml



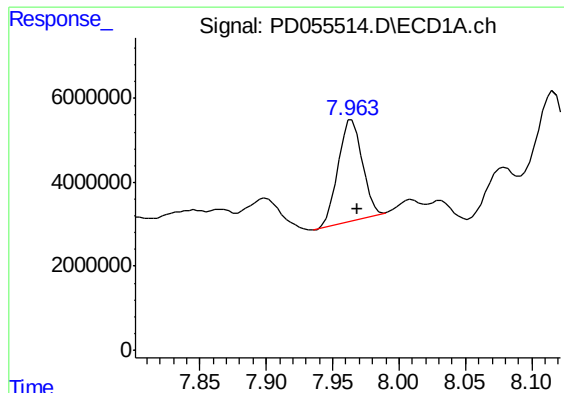
#26 Toxaphene-5

R.T.: 6.862 min  
Delta R.T.: 0.052 min  
Response: 49228669  
Conc: 2786.01 ng/ml



#26 Toxaphene-5

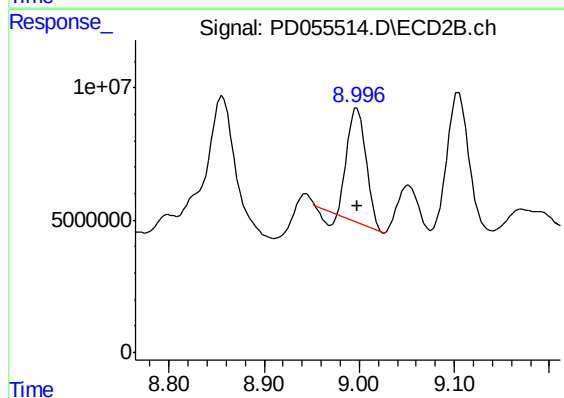
R.T.: 7.584 min  
Delta R.T.: -0.022 min  
Response: 49604802  
Conc: 2733.69 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.965 min  
Delta R.T.: -0.004 min  
Response: 31001209  
Conc: 33.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BFB86MS



#27 Decachlorobiphenyl

R.T.: 8.998 min  
Delta R.T.: 0.000 min  
Response: 59295259  
Conc: 45.44 ng/ml