

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD1102020\  
 Data File : PD060162.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2020 13:37  
 Operator : DD\AJ  
 Sample : L4711-22  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0B08

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 01:09:16 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110320CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 04 04:05:33 2020  
 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

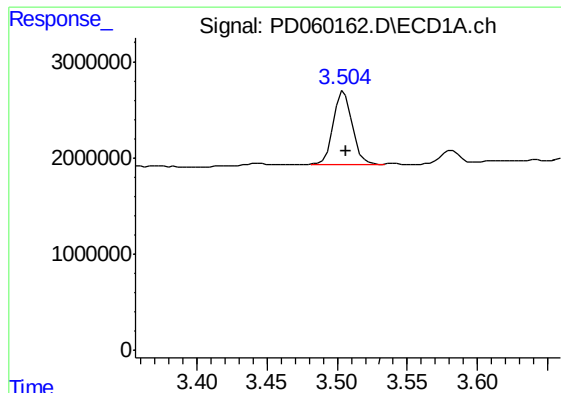
|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2    | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|-----------|----------|------------|
| -----                       |                 |       |        |          |           |          |            |
| System Monitoring Compounds |                 |       |        |          |           |          |            |
| 1)                          | SA Tetrachlo... | 3.505 | 4.024  | 7022052  | 23411601  | 8.194    | 7.854      |
| 27)                         | SA Decachlor... | 8.297 | 9.108  | 10860643 | 11195681  | 13.071   | 4.551 #    |
| Target Compounds            |                 |       |        |          |           |          |            |
| 2)                          | A alpha-BHC     | 3.972 | 4.440f | 249222   | 35328911  | 0.194    | 7.931 #    |
| 3)                          | MA gamma-BHC... | 4.238 | 4.663f | 4713354  | 75098884  | 3.856    | 18.556 #   |
| 4)                          | MA Heptachlor   | 4.522 | 5.172f | 791073   | 473090    | 0.674    | 0.119 #    |
| 5)                          | MB Aldrin       | 4.791 | 5.518  | 477.6E6  | 1777.0E6  | 416.001  | 478.958    |
| 7)                          | B delta-BHC     | 4.696 | 0.000  | 881240   | 0         | 0.701    | N.D. #     |
| 8)                          | B Heptachlo...  | 5.238 | 5.893  | 1325408  | 6501261   | 1.255    | 1.974 #    |
| 9)                          | A Endosulfan I  | 5.600 | 6.296  | 24719170 | 26682048  | 24.303   | 8.325 #    |
| 10)                         | B trans-Chl...  | 5.467 | 6.123  | 5816578  | 55684334  | 5.476    | 16.207 #   |
| 11)                         | B cis-Chlor...  | 5.525 | 6.214  | 11829735 | 35101874  | 11.183   | 10.224     |
| 12)                         | B 4,4'-DDE      | 5.689 | 6.364  | 4466821  | 20262987  | 4.370    | 6.267 #    |
| 13)                         | MA Dieldrin     | 5.826 | 6.520  | 4056.3E6 | 12664.7E6 | 3722.839 | 3626.926   |
| 14)                         | MA Endrin       | 6.084 | 6.738  | 12124014 | 44284264  | 13.439   | 15.815     |
| 15)                         | B Endosulfa...  | 6.387 | 6.928  | 14339939 | 4486883   | 15.902   | 1.587 #    |
| 16)                         | A 4,4'-DDD      | 6.212 | 6.855  | 877587   | 17704777  | 0.992    | 6.600 #    |
| 17)                         | MA 4,4'-DDT     | 6.448 | 7.156  | 34989924 | 24934110  | 38.931   | 9.163 #    |
| 18)                         | B Endrin al...  | 0.000 | 7.087  | 0        | 87117821  | N.D.     | 36.209     |
| 19)                         | B Endosulfa...  | 6.759 | 7.304  | 2190192  | 46043032  | 2.506    | 15.971 #   |
| 20)                         | A Methoxychlor  | 6.988 | 7.576f | 724483   | 34056711  | 1.702    | 24.229 #   |
| 21)                         | B Endrin ke...  | 7.236 | 7.765  | 61305532 | 212.3E6   | 61.631   | 72.791     |
| 22)                         | Toxaphene-1     | 5.790 | 6.467  | -2733818 | 26736235  | N.D.     | 1747.728   |
| 23)                         | Toxaphene-2     | 5.949 | 6.738  | 2146465  | 44284264  | 340.017  | 2356.278 # |
| 24)                         | Toxaphene-3     | 6.281 | 7.087  | 5496914  | 87117821  | 778.588  | 3141.274 # |
| 25)                         | Toxaphene-4     | 6.387 | 7.156  | 14339939 | 24934110  | 894.377  | 328.780 #  |
| 26)                         | Toxaphene-5     | 7.175 | 7.671  | 11233538 | 37881294  | 664.188  | 1114.154 # |
| -----                       |                 |       |        |          |           |          |            |

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 01:09:16 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110320CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 04 04:05:33 2020  
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

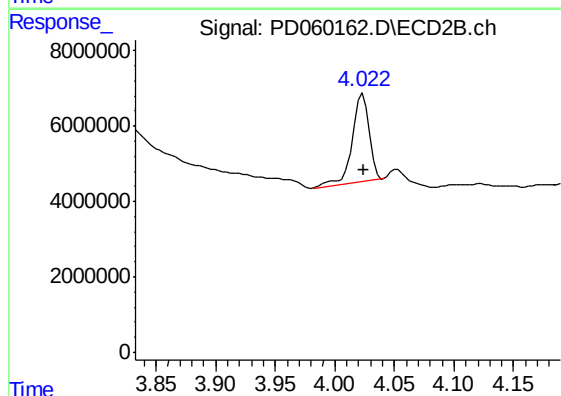




#1 Tetrachloro-m-xylene

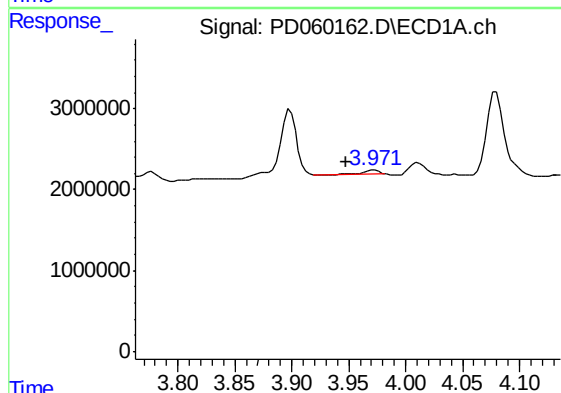
R.T.: 3.505 min  
Delta R.T.: -0.001 min  
Response: 7022052  
Conc: 8.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



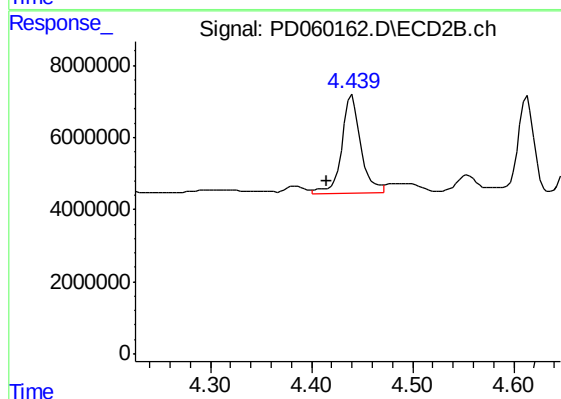
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 23411601  
Conc: 7.85 ng/ml



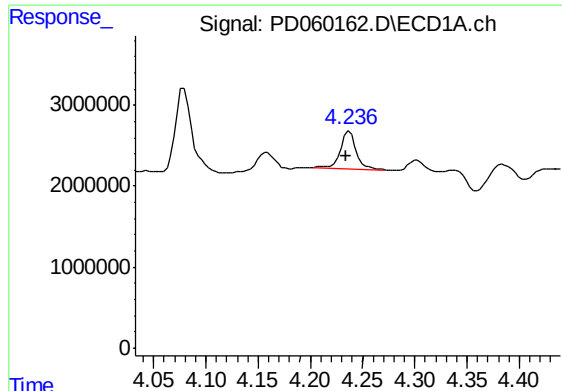
#2 alpha-BHC

R.T.: 3.972 min  
Delta R.T.: 0.025 min  
Response: 249222  
Conc: 0.19 ng/ml



#2 alpha-BHC

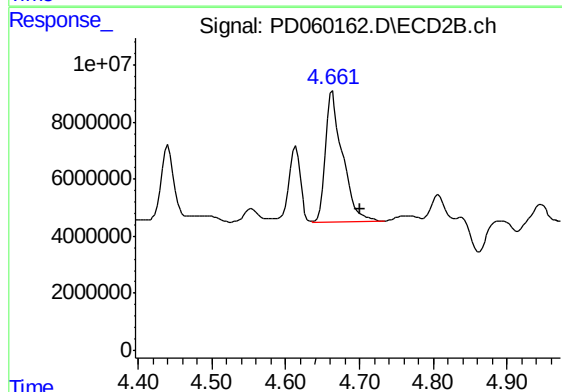
R.T.: 4.440 min  
Delta R.T.: 0.025 min  
Response: 35328911  
Conc: 7.93 ng/ml



#3 gamma-BHC (Lindane)

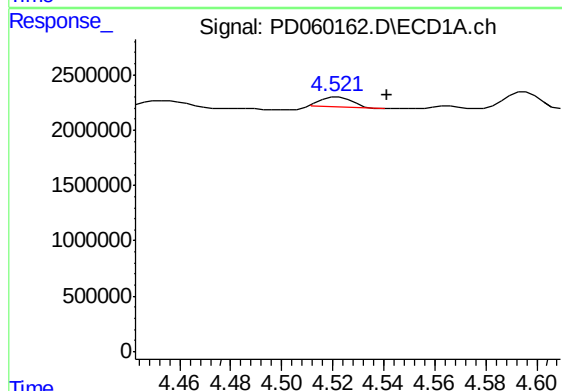
R.T.: 4.238 min  
Delta R.T.: 0.003 min  
Response: 4713354  
Conc: 3.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



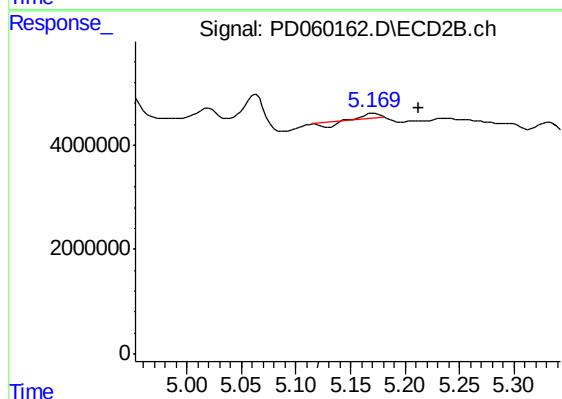
#3 gamma-BHC (Lindane)

R.T.: 4.663 min  
Delta R.T.: -0.038 min  
Response: 75098884  
Conc: 18.56 ng/ml



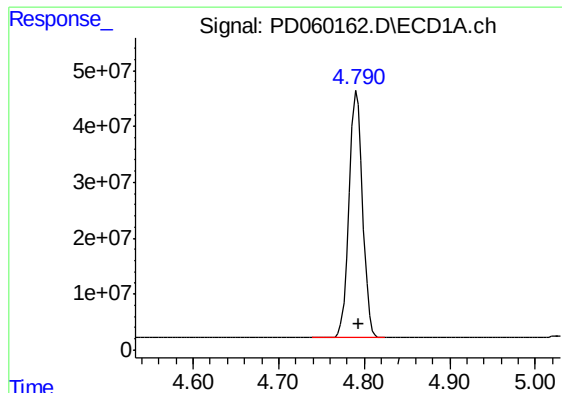
#4 Heptachlor

R.T.: 4.522 min  
Delta R.T.: -0.019 min  
Response: 791073  
Conc: 0.67 ng/ml



#4 Heptachlor

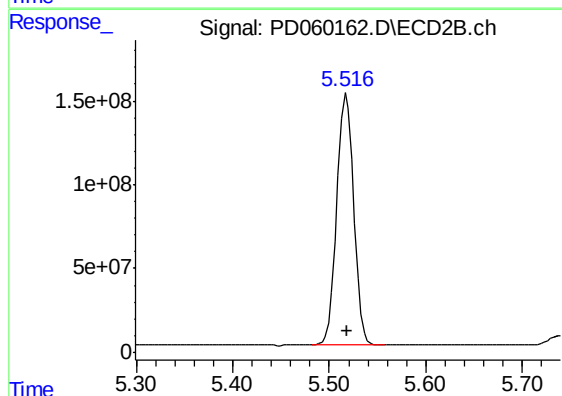
R.T.: 5.172 min  
Delta R.T.: -0.041 min  
Response: 473090  
Conc: 0.12 ng/ml



#5 Aldrin

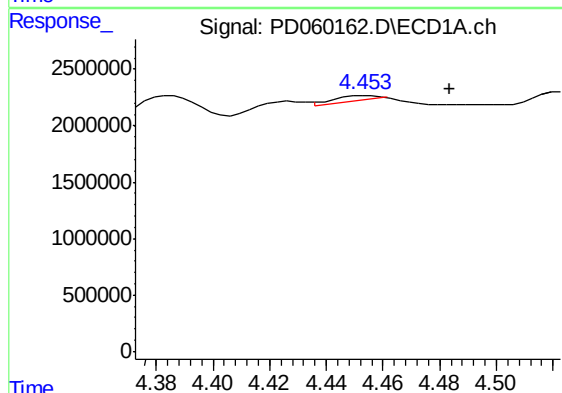
R.T.: 4.791 min  
Delta R.T.: -0.002 min  
Response: 477602239  
Conc: 416.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



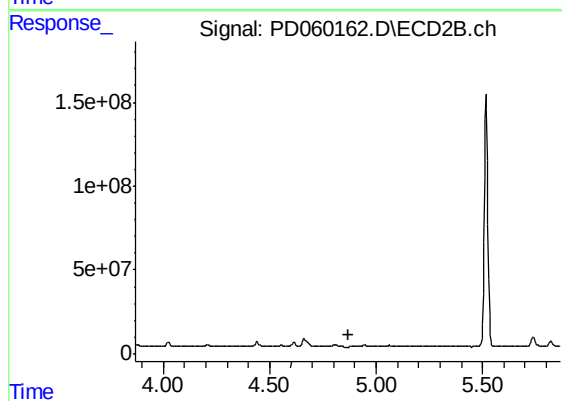
#5 Aldrin

R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 1777003362  
Conc: 478.96 ng/ml



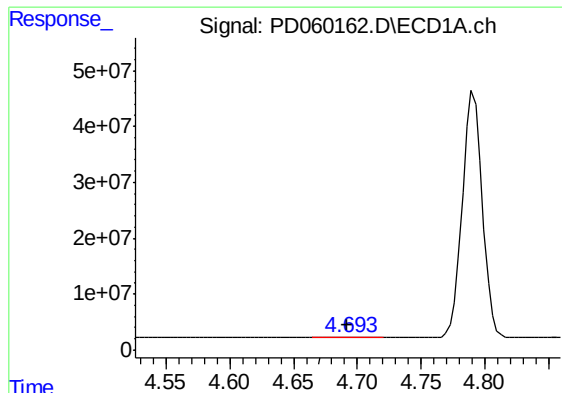
#6 beta-BHC

R.T.: 4.455 min  
Delta R.T.: -0.029 min  
Response: 458477  
Conc: 0.87 ng/ml



#6 beta-BHC

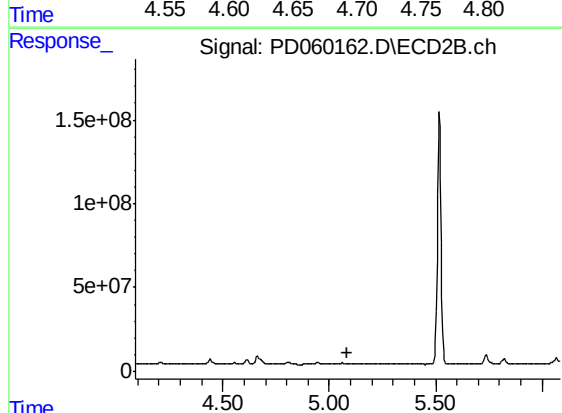
R.T.: 4.894 min  
Delta R.T.: 0.026 min  
Response: -6326330  
Conc: N.D.



#7 delta-BHC

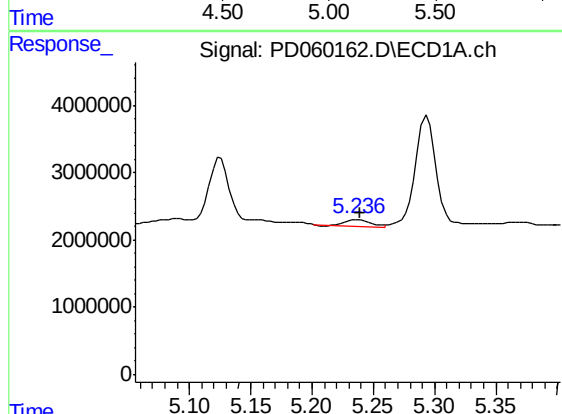
R.T.: 4.696 min  
Delta R.T.: 0.004 min  
Response: 881240  
Conc: 0.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



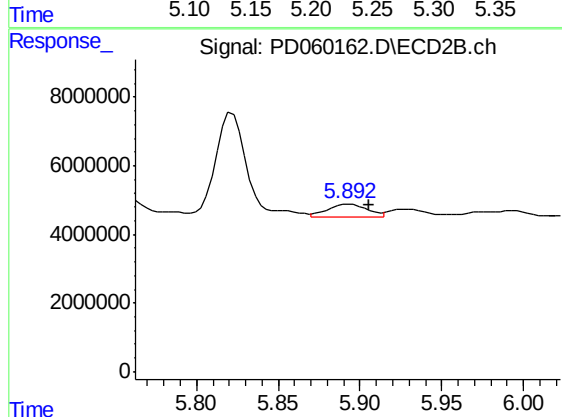
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.087 min  
Response: 0  
Conc: N.D.



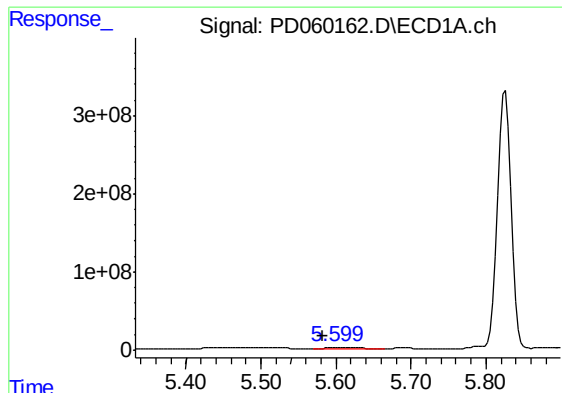
#8 Heptachlor epoxide

R.T.: 5.238 min  
Delta R.T.: -0.001 min  
Response: 1325408  
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

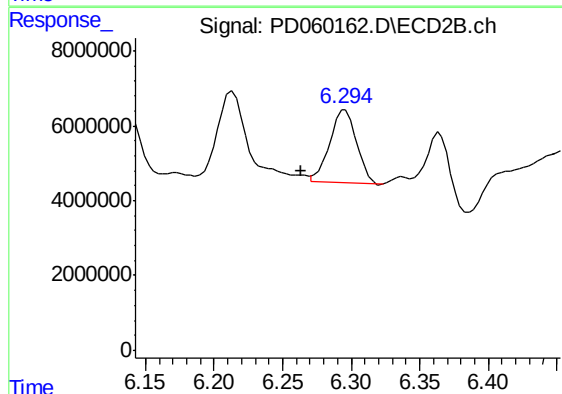
R.T.: 5.893 min  
Delta R.T.: -0.012 min  
Response: 6501261  
Conc: 1.97 ng/ml



#9 Endosulfan I

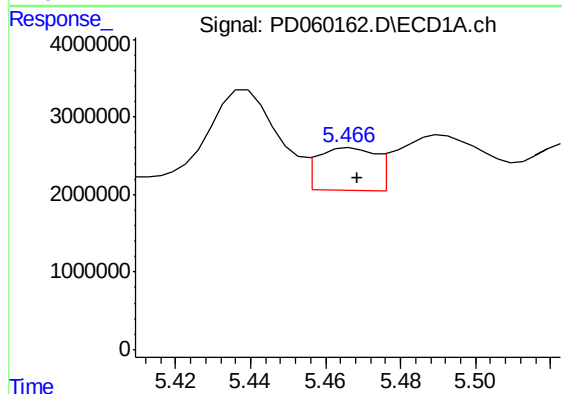
R.T.: 5.600 min  
Delta R.T.: 0.018 min  
Response: 24719170  
Conc: 24.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



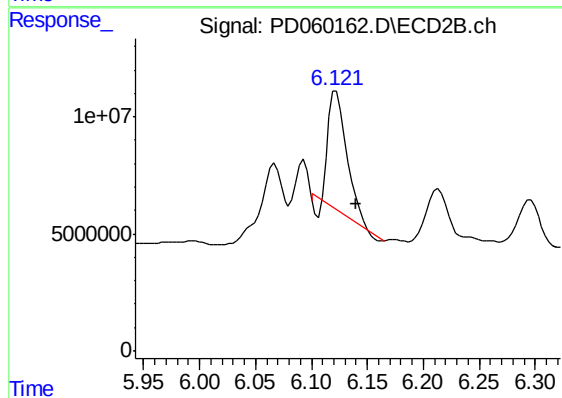
#9 Endosulfan I

R.T.: 6.296 min  
Delta R.T.: 0.032 min  
Response: 26682048  
Conc: 8.33 ng/ml



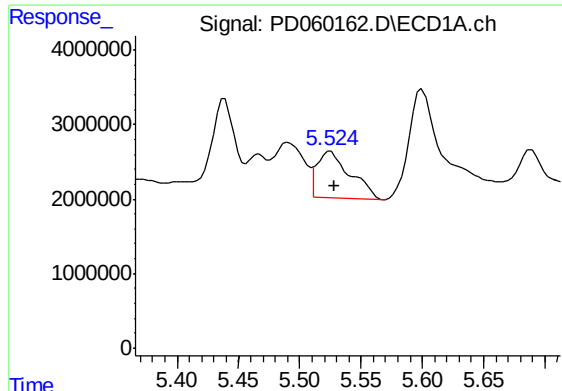
#10 trans-Chlordane

R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 5816578  
Conc: 5.48 ng/ml



#10 trans-Chlordane

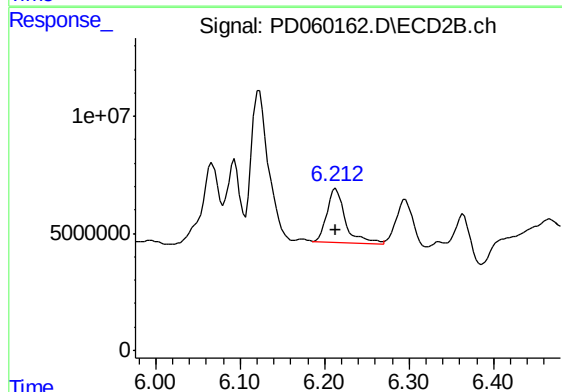
R.T.: 6.123 min  
Delta R.T.: -0.017 min  
Response: 55684334  
Conc: 16.21 ng/ml



#11 cis-Chlordane

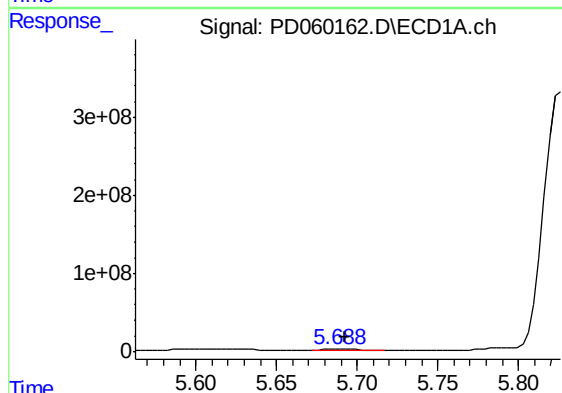
R.T.: 5.525 min  
Delta R.T.: -0.003 min  
Response: 11829735  
Conc: 11.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



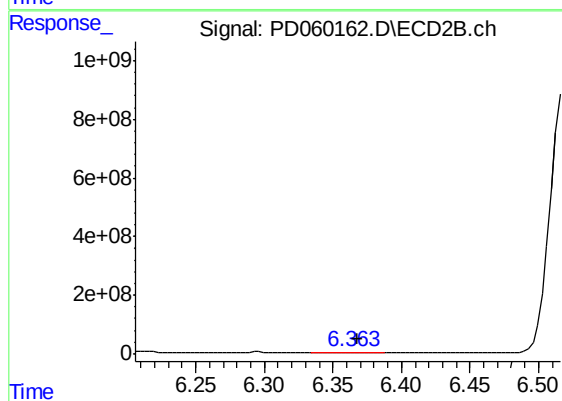
#11 cis-Chlordane

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 35101874  
Conc: 10.22 ng/ml



#12 4,4'-DDE

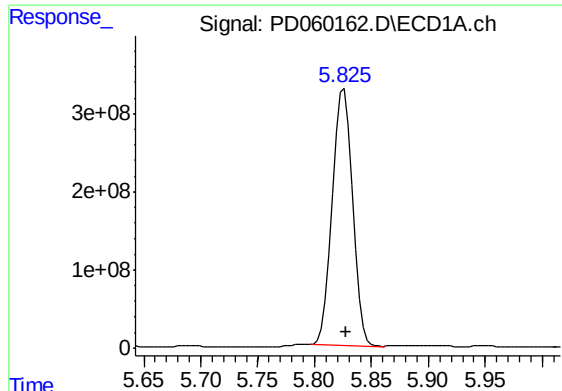
R.T.: 5.689 min  
Delta R.T.: -0.003 min  
Response: 4466821  
Conc: 4.37 ng/ml



#12 4,4'-DDE

R.T.: 6.364 min  
Delta R.T.: -0.004 min  
Response: 20262987  
Conc: 6.27 ng/ml

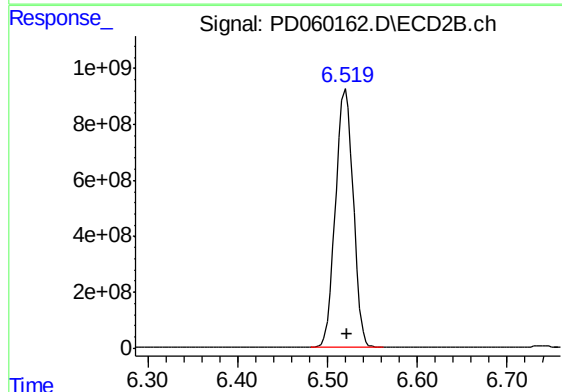




#13 Dielddrin

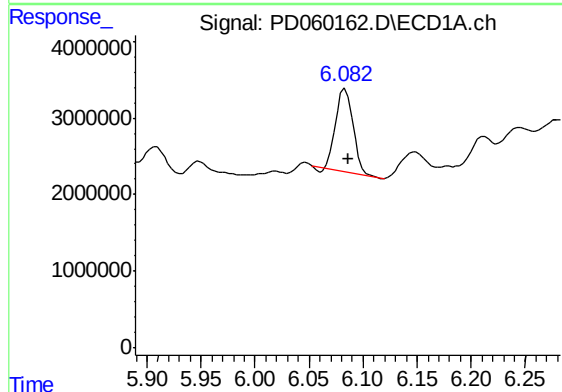
R.T.: 5.826 min  
Delta R.T.: -0.002 min  
Response: 4056261242  
Conc: 3722.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



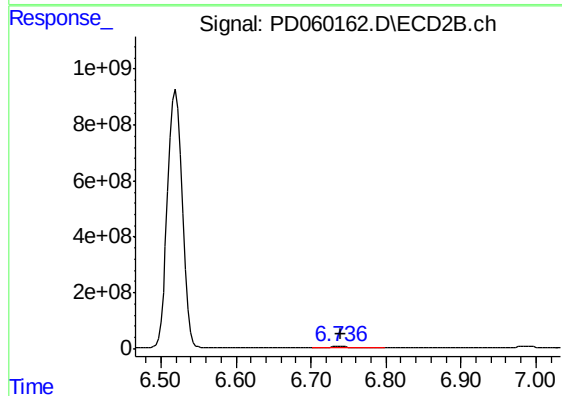
#13 Dielddrin

R.T.: 6.520 min  
Delta R.T.: -0.001 min  
Response: 12664702353  
Conc: 3626.93 ng/ml



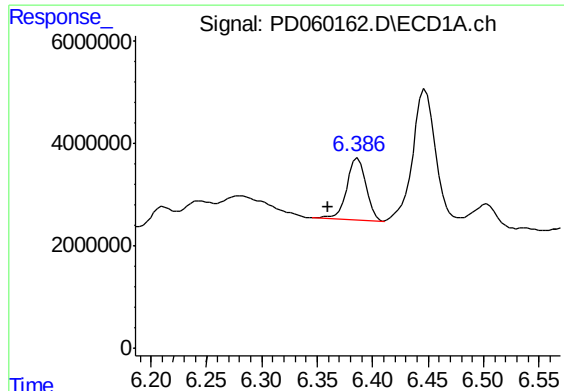
#14 Endrin

R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 12124014  
Conc: 13.44 ng/ml



#14 Endrin

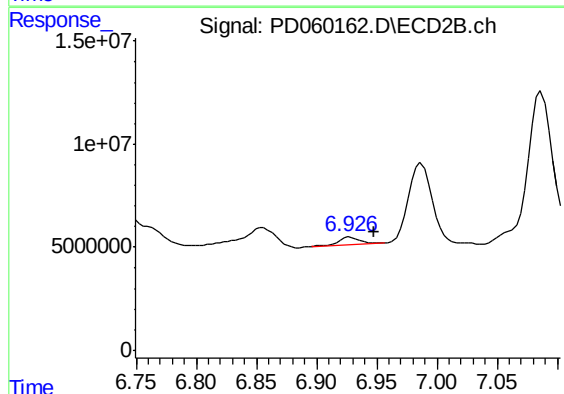
R.T.: 6.738 min  
Delta R.T.: -0.002 min  
Response: 44284264  
Conc: 15.82 ng/ml



#15 Endosulfan II

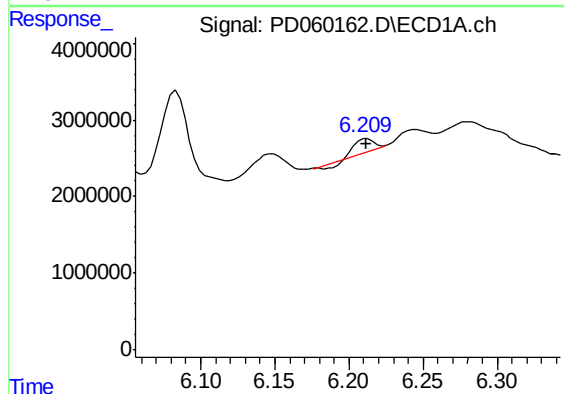
R.T.: 6.387 min  
Delta R.T.: 0.027 min  
Response: 14339939  
Conc: 15.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



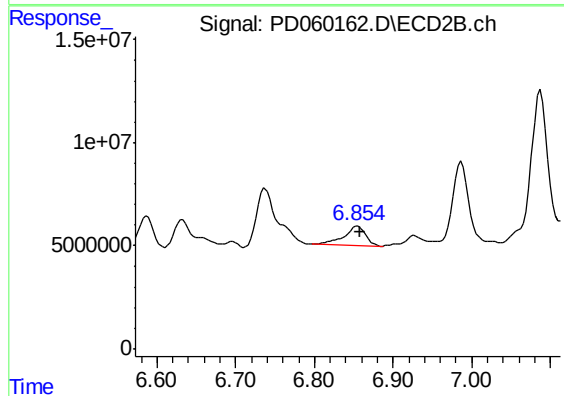
#15 Endosulfan II

R.T.: 6.928 min  
Delta R.T.: -0.019 min  
Response: 4486883  
Conc: 1.59 ng/ml



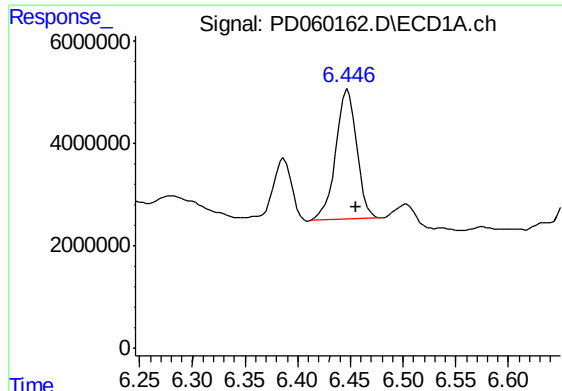
#16 4,4'-DDD

R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 877587  
Conc: 0.99 ng/ml



#16 4,4'-DDD

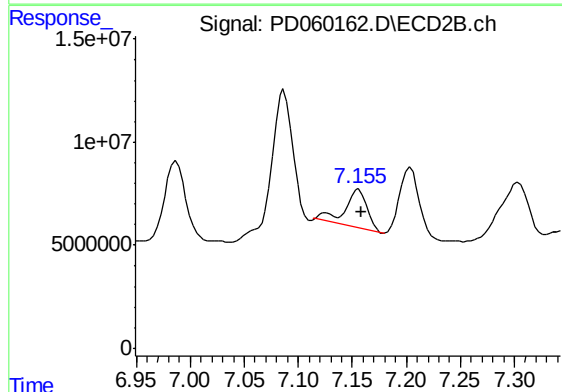
R.T.: 6.855 min  
Delta R.T.: -0.003 min  
Response: 17704777  
Conc: 6.60 ng/ml



#17 4,4'-DDT

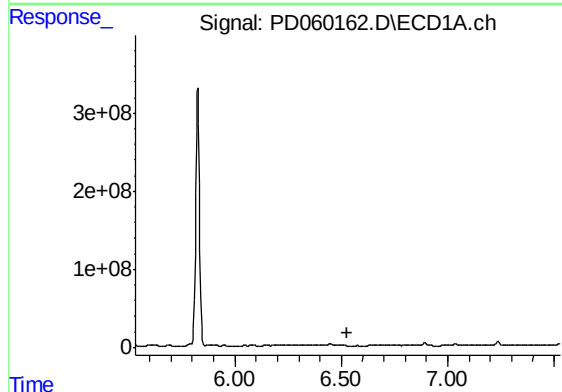
R.T.: 6.448 min  
Delta R.T.: -0.008 min  
Response: 34989924  
Conc: 38.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



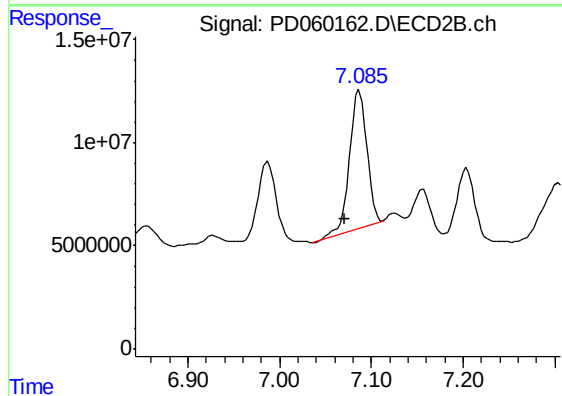
#17 4,4'-DDT

R.T.: 7.156 min  
Delta R.T.: -0.002 min  
Response: 24934110  
Conc: 9.16 ng/ml



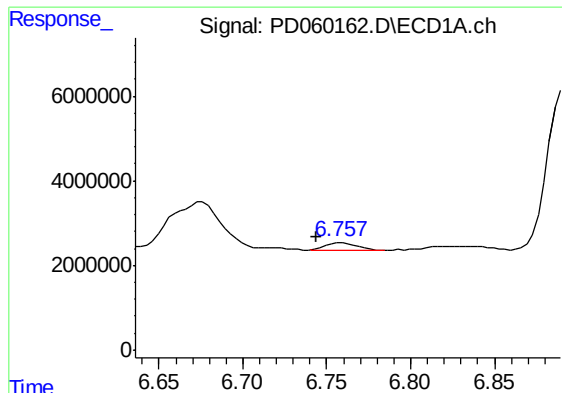
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.529 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

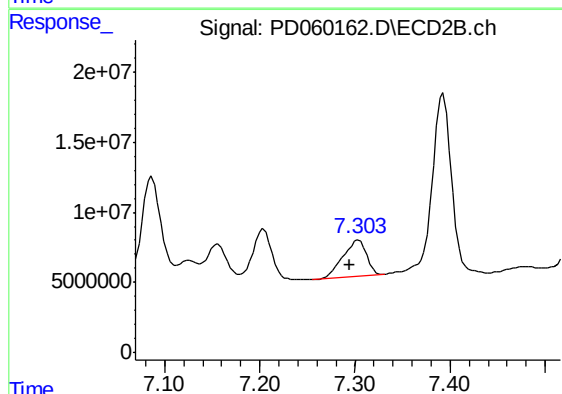
R.T.: 7.087 min  
Delta R.T.: 0.016 min  
Response: 87117821  
Conc: 36.21 ng/ml



#19 Endosulfan Sulfate

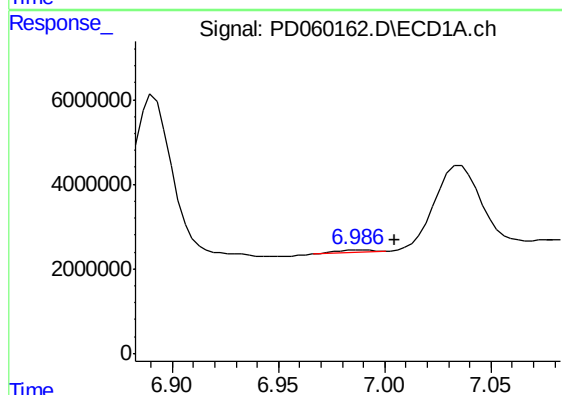
R.T.: 6.759 min  
Delta R.T.: 0.014 min  
Response: 2190192  
Conc: 2.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



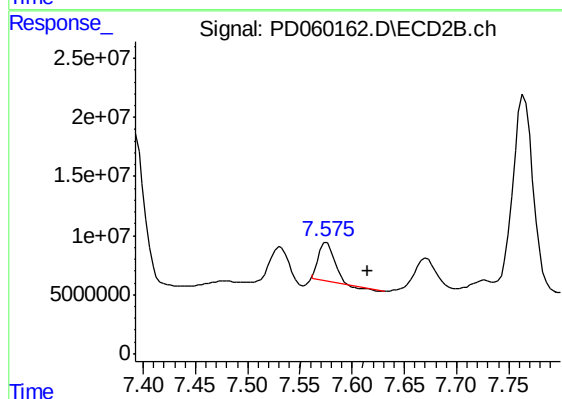
#19 Endosulfan Sulfate

R.T.: 7.304 min  
Delta R.T.: 0.010 min  
Response: 46043032  
Conc: 15.97 ng/ml



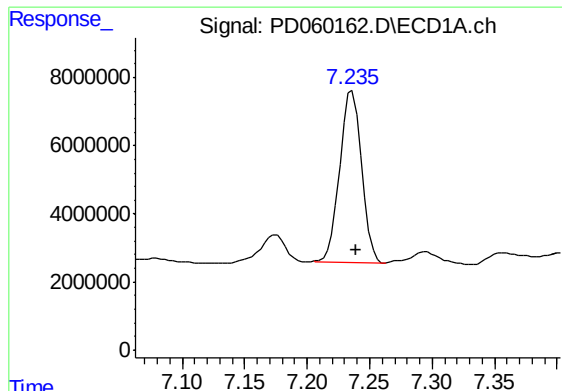
#20 Methoxychlor

R.T.: 6.988 min  
Delta R.T.: -0.016 min  
Response: 724483  
Conc: 1.70 ng/ml



#20 Methoxychlor

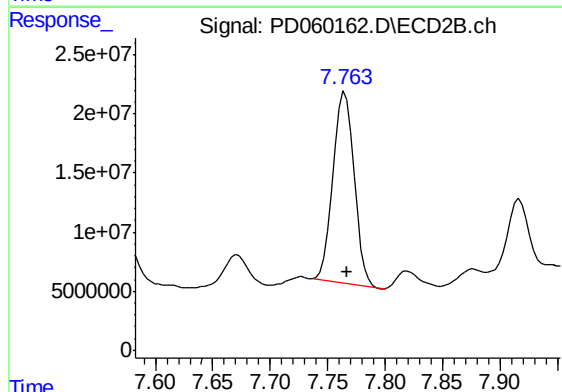
R.T.: 7.576 min  
Delta R.T.: -0.040 min  
Response: 34056711  
Conc: 24.23 ng/ml



#21 Endrin ketone

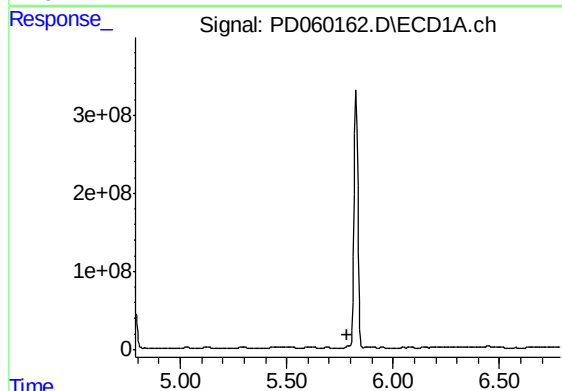
R.T.: 7.236 min  
Delta R.T.: -0.003 min  
Response: 61305532  
Conc: 61.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



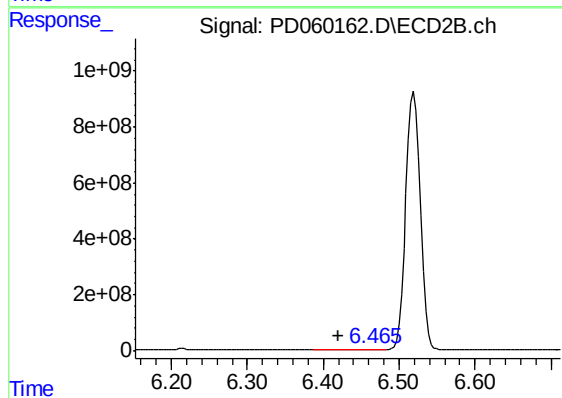
#21 Endrin ketone

R.T.: 7.765 min  
Delta R.T.: -0.002 min  
Response: 212278335  
Conc: 72.79 ng/ml



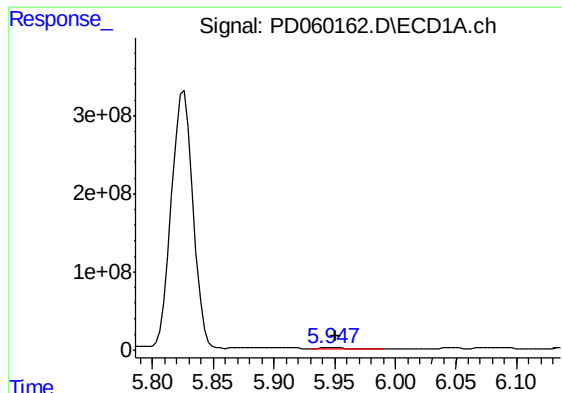
#22 Toxaphene-1

R.T.: 5.790 min  
Delta R.T.: 0.003 min  
Response: -2733818  
Conc: N.D.



#22 Toxaphene-1

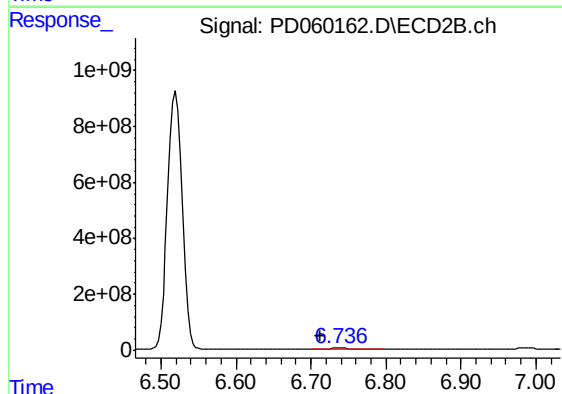
R.T.: 6.467 min  
Delta R.T.: 0.046 min  
Response: 26736235  
Conc: 1747.73 ng/ml



#23 Toxaphene-2

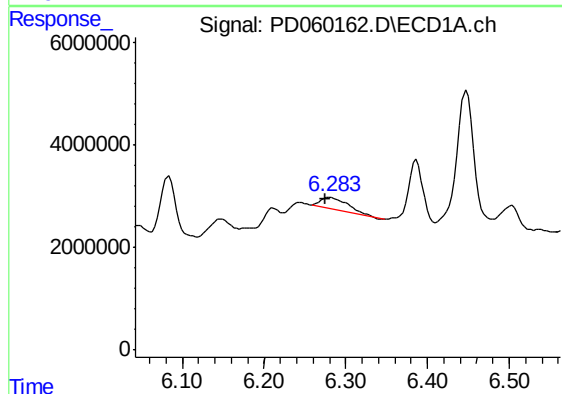
R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 2146465  
Conc: 340.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



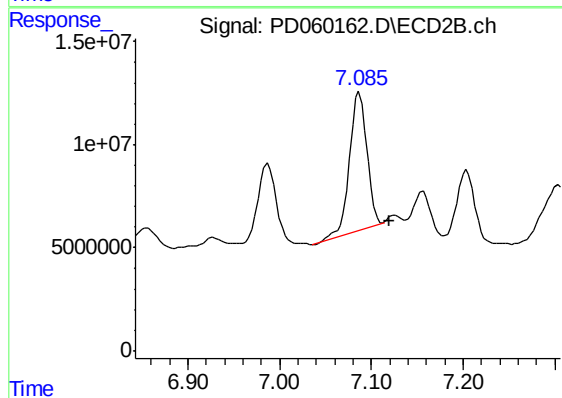
#23 Toxaphene-2

R.T.: 6.738 min  
Delta R.T.: 0.026 min  
Response: 44284264  
Conc: 2356.28 ng/ml



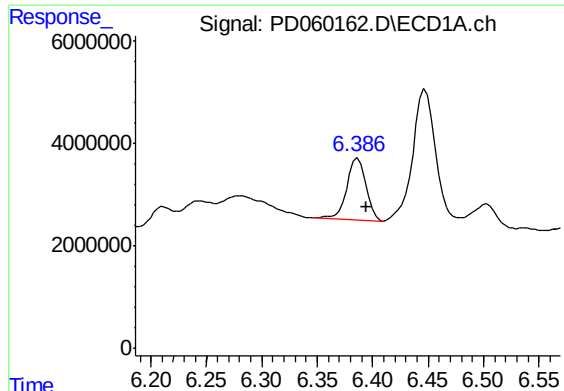
#24 Toxaphene-3

R.T.: 6.281 min  
Delta R.T.: 0.006 min  
Response: 5496914  
Conc: 778.59 ng/ml



#24 Toxaphene-3

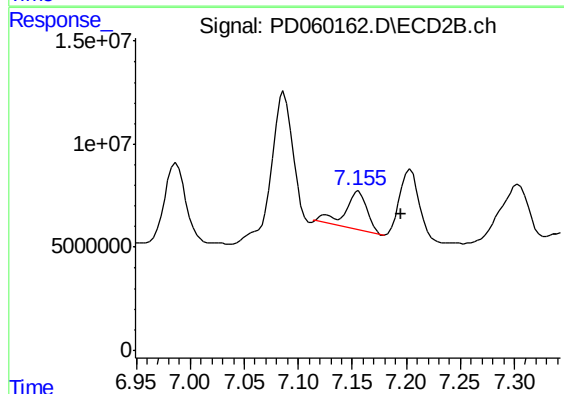
R.T.: 7.087 min  
Delta R.T.: -0.032 min  
Response: 87117821  
Conc: 3141.27 ng/ml



#25 Toxaphene-4

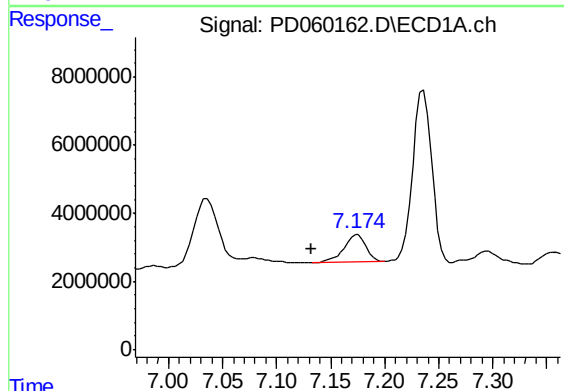
R.T.: 6.387 min  
Delta R.T.: -0.008 min  
Response: 14339939  
Conc: 894.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



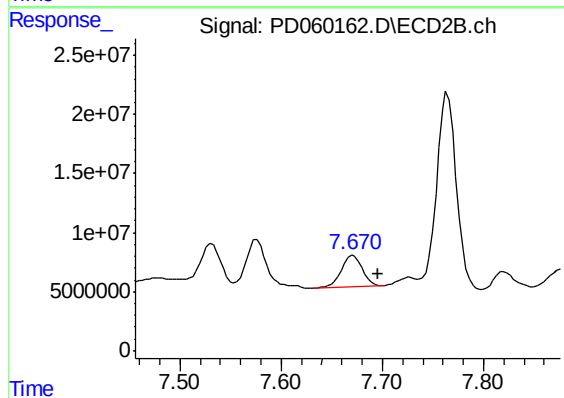
#25 Toxaphene-4

R.T.: 7.156 min  
Delta R.T.: -0.039 min  
Response: 24934110  
Conc: 328.78 ng/ml



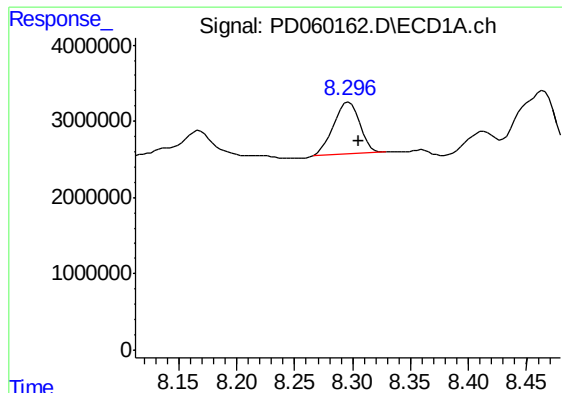
#26 Toxaphene-5

R.T.: 7.175 min  
Delta R.T.: 0.043 min  
Response: 11233538  
Conc: 664.19 ng/ml



#26 Toxaphene-5

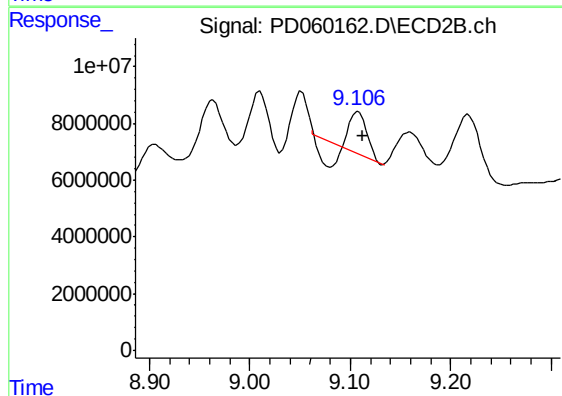
R.T.: 7.671 min  
Delta R.T.: -0.024 min  
Response: 37881294  
Conc: 1114.15 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.297 min  
Delta R.T.: -0.008 min  
Response: 10860643  
Conc: 13.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B08



#27 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: -0.004 min  
Response: 11195681  
Conc: 4.55 ng/ml