

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111820\  
 Data File : PD060101.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Nov 2020 10:59  
 Operator : DD\AJ  
 Sample : L4710-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AW7

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 19 05:58:47 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 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... | 3.505  | 4.022  | 7575481   | 27586882  | 8.840     | 9.255       |
| 27)                         | SA Decachlor... | 8.302  | 9.106  | 7666092   | 22931660  | 9.226     | 9.322       |
| Target Compounds            |                 |        |        |           |           |           |             |
| 2)                          | A alpha-BHC     | 0.000  | 4.417  | 0         | 10862052  | N.D.      | 2.438       |
| 3)                          | MA gamma-BHC... | 0.000  | 4.663f | 0         | 2767897   | N.D.      | 0.684       |
| 4)                          | MA Heptachlor   | 4.540  | 5.210  | 37629880  | 159.9E6   | 32.061    | 40.332 #    |
| 5)                          | MB Aldrin       | 4.810  | 5.543  | 10101639  | -32336597 | 8.799     | N.D. #      |
| 6)                          | B beta-BHC      | 4.448f | 4.902f | 10176046  | 1323480   | 19.204    | 0.712 #     |
| 7)                          | B delta-BHC     | 4.697  | 5.091  | 4208438   | 32999839  | 3.349     | 9.006 #     |
| 8)                          | B Heptachlo...  | 5.239  | 5.894  | 79764053  | 1037.4E6  | 75.511    | 314.974 #   |
| 9)                          | A Endosulfan I  | 5.560  | 6.298  | 71976660  | 104.3E6   | 70.764    | 32.544 #    |
| 10)                         | B trans-Chl...  | 5.468  | 6.138  | 757.8E6   | 3935.6E6  | 713.483   | 1145.474 #  |
| 11)                         | B cis-Chlor...  | 5.526  | 6.213  | 875.4E6   | 6422.6E6  | 827.491   | 1870.623 #  |
| 12)                         | B 4,4'-DDE      | 5.691  | 6.365  | 34256696  | 122.5E6   | 33.518    | 37.888      |
| 13)                         | MA Dieldrin     | 5.844  | 6.517  | 5178768   | 4946863   | 4.753     | 1.417 #     |
| 14)                         | MA Endrin       | 6.080  | 6.729  | 23666988  | -7352431  | 26.234    | N.D. #      |
| 15)                         | B Endosulfa...  | 6.370  | 6.949  | 290.2E6   | 39675124  | 321.828   | 14.036 #    |
| 16)                         | A 4,4'-DDD      | 6.217  | 6.876  | -25620166 | 228.0E6   | N.D.      | 84.978      |
| 17)                         | MA 4,4'-DDT     | 6.454  | 7.153  | 13098351  | 81598705  | 14.574    | 29.985 #    |
| 20)                         | A Methoxychlor  | 6.958f | 7.612  | 874401    | 80402     | 2.055     | <MDL #      |
| 21)                         | B Endrin ke...  | 7.216  | 7.788  | 2159349   | 25638597  | 2.171     | 8.792 #     |
| 22)                         | Toxaphene-1     | 5.769  | 6.437  | 15370968  | 289.6E6   | 2351.028  | 18928.413 # |
| 23)                         | Toxaphene-2     | 5.952  | 6.729  | 63905821  | -7352431  | 10123.199 | N.D. #      |
| 24)                         | Toxaphene-3     | 6.304  | 7.153  | 44881356  | 81598705  | 6357.038  | 2942.267 #  |
| 25)                         | Toxaphene-4     | 6.370  | 7.153  | 290.2E6   | 81598705  | 18100.696 | 1075.958 #  |
| 26)                         | Toxaphene-5     | 7.169  | 7.671  | 12532194  | 2596126   | 740.971   | 76.357 #    |
| -----                       |                 |        |        |           |           |           |             |

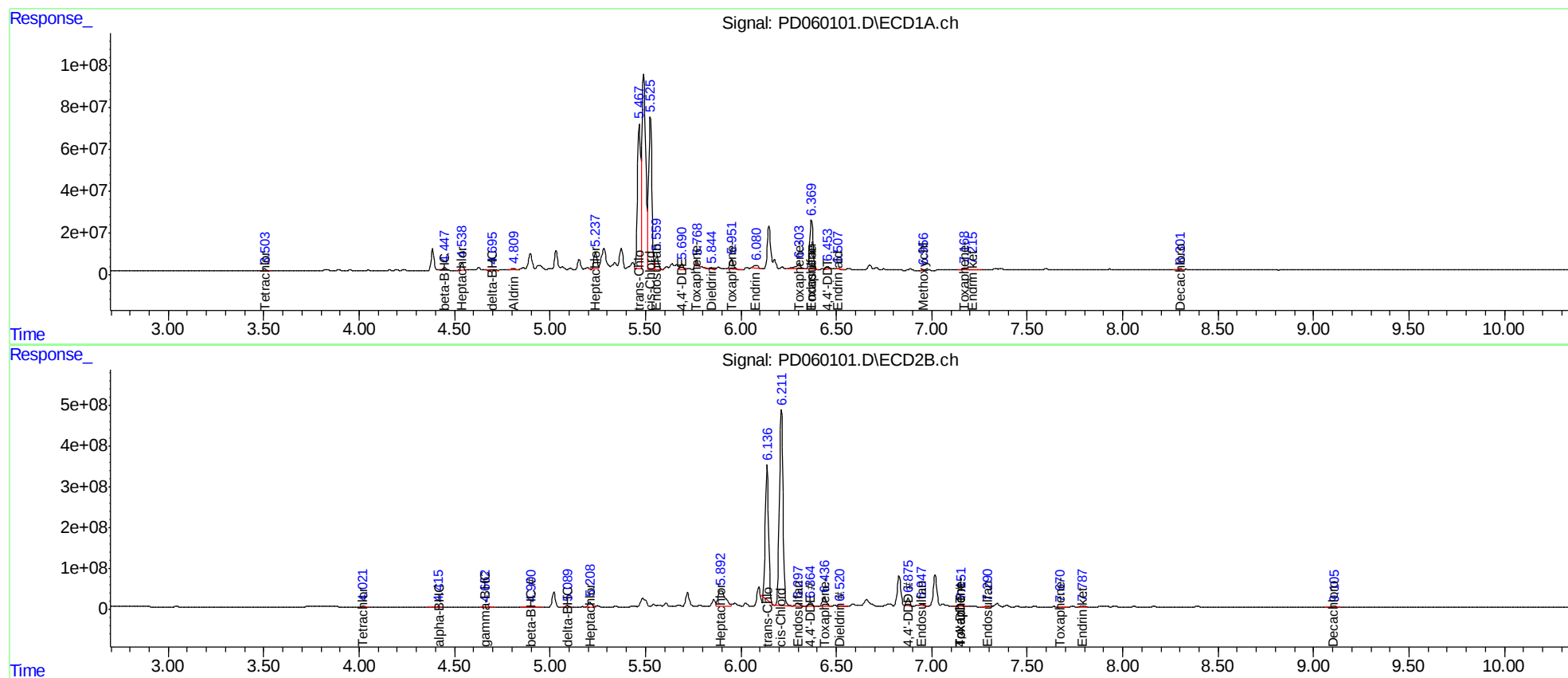
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

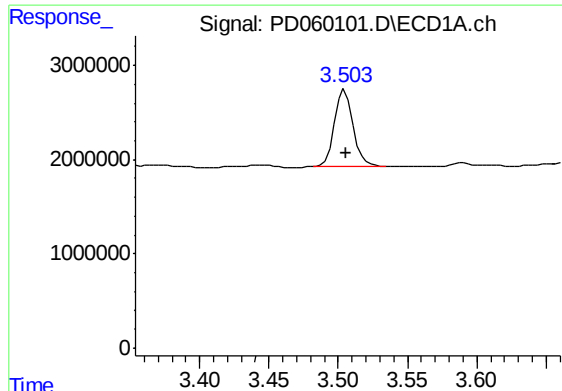
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111820\  
Data File : PD060101.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Nov 2020 10:59  
Operator : DD\AJ  
Sample : L4710-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 19 05:58:47 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  
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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

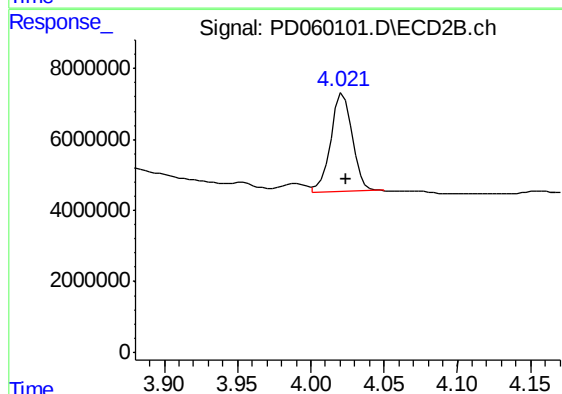




#1 Tetrachloro-m-xylene

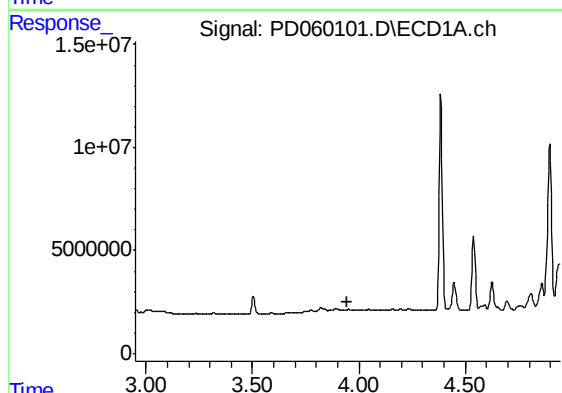
R.T.: 3.505 min  
Delta R.T.: -0.001 min  
Response: 7575481  
Conc: 8.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



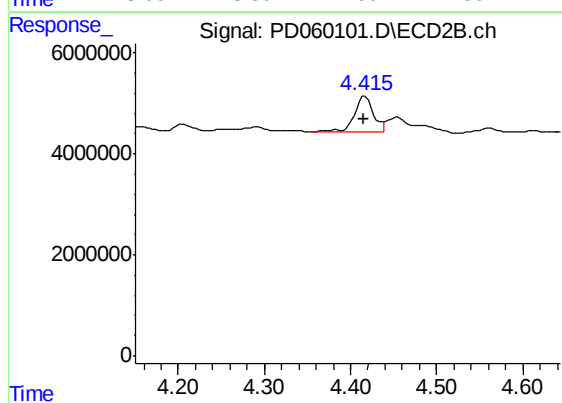
#1 Tetrachloro-m-xylene

R.T.: 4.022 min  
Delta R.T.: -0.002 min  
Response: 27586882  
Conc: 9.25 ng/ml



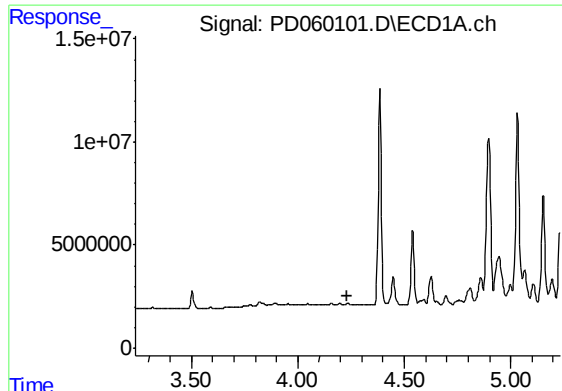
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.947 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

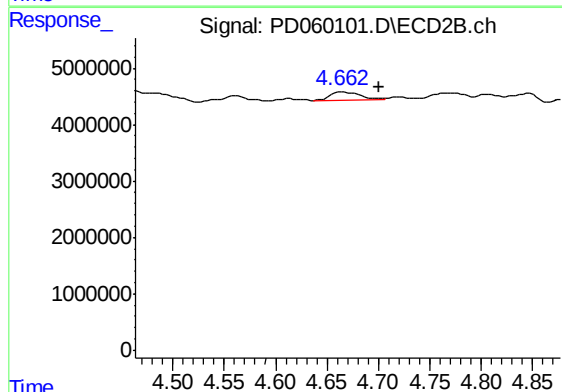
R.T.: 4.417 min  
Delta R.T.: 0.002 min  
Response: 10862052  
Conc: 2.44 ng/ml



#3 gamma-BHC (Lindane)

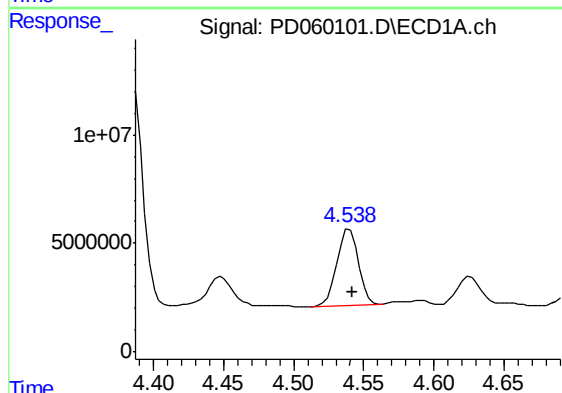
R.T.: 0.000 min  
Exp R.T.: 4.234 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



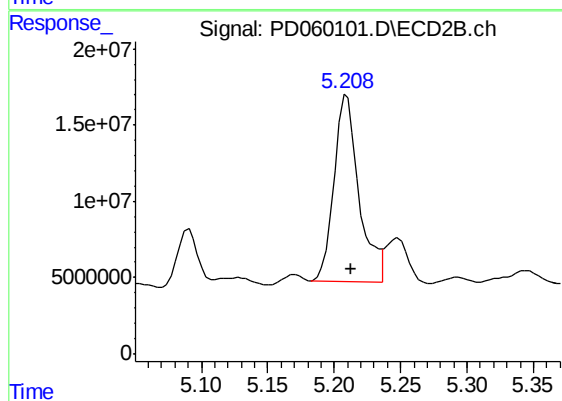
#3 gamma-BHC (Lindane)

R.T.: 4.663 min  
Delta R.T.: -0.038 min  
Response: 2767897  
Conc: 0.68 ng/ml



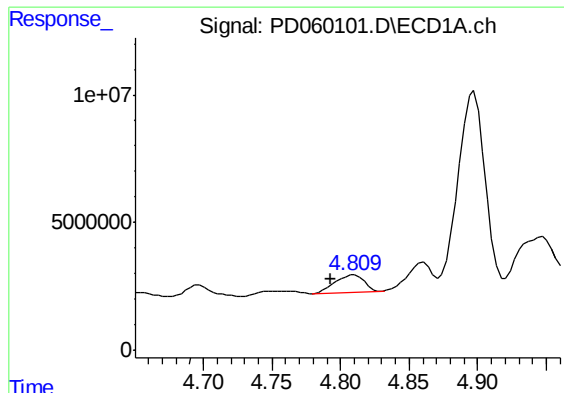
#4 Heptachlor

R.T.: 4.540 min  
Delta R.T.: -0.002 min  
Response: 37629880  
Conc: 32.06 ng/ml



#4 Heptachlor

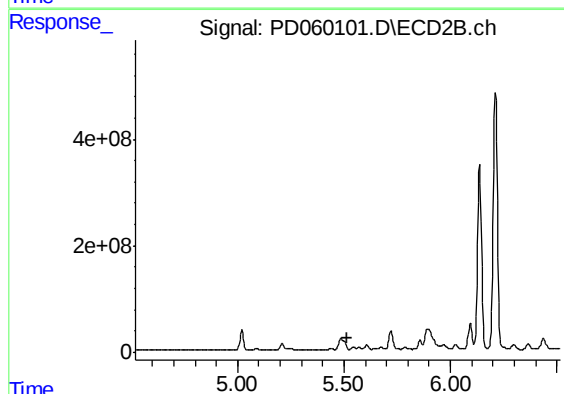
R.T.: 5.210 min  
Delta R.T.: -0.003 min  
Response: 159904143  
Conc: 40.33 ng/ml



#5 Aldrin

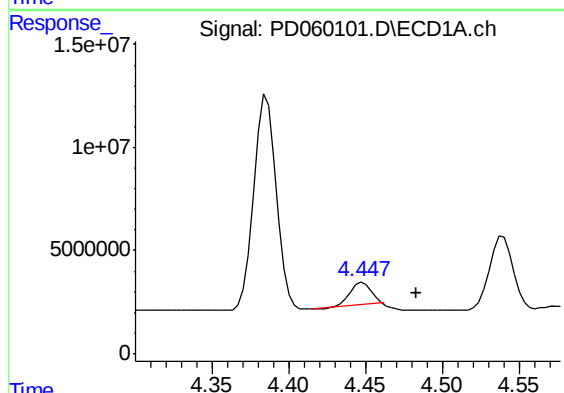
R.T.: 4.810 min  
Delta R.T.: 0.017 min  
Response: 10101639  
Conc: 8.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



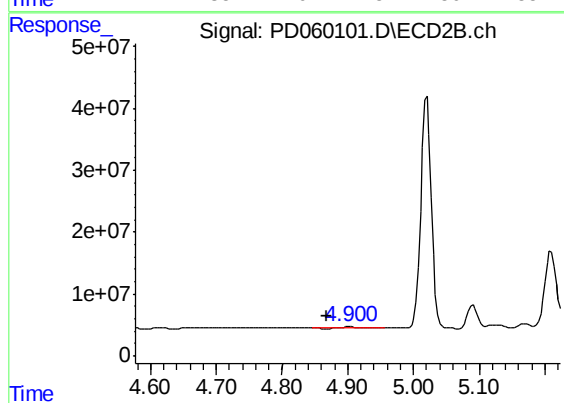
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: 0.025 min  
Response: -32336597  
Conc: N.D.



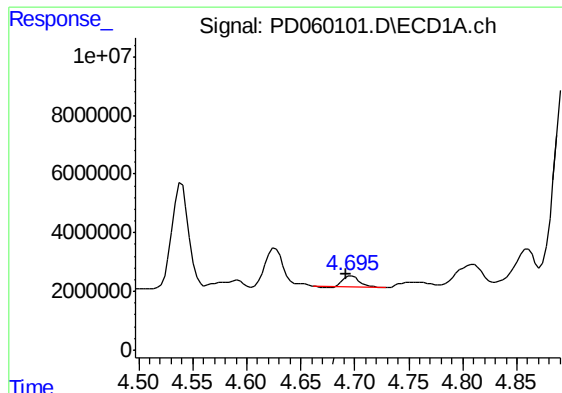
#6 beta-BHC

R.T.: 4.448 min  
Delta R.T.: -0.035 min  
Response: 10176046  
Conc: 19.20 ng/ml



#6 beta-BHC

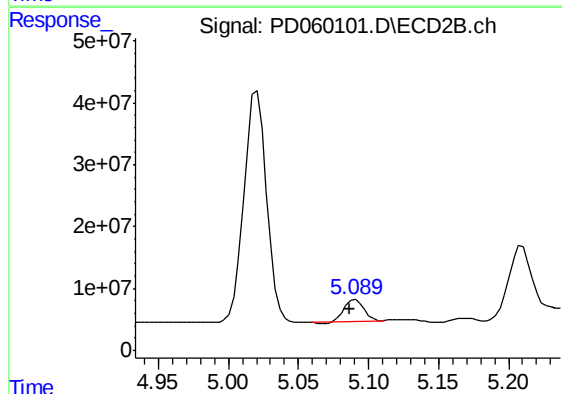
R.T.: 4.902 min  
Delta R.T.: 0.034 min  
Response: 1323480  
Conc: 0.71 ng/ml



#7 delta-BHC

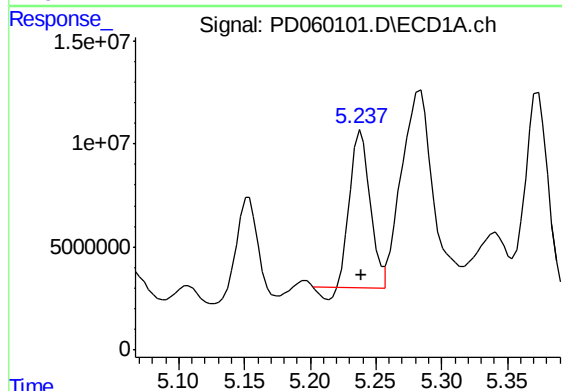
R.T.: 4.697 min  
Delta R.T.: 0.005 min  
Response: 4208438  
Conc: 3.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



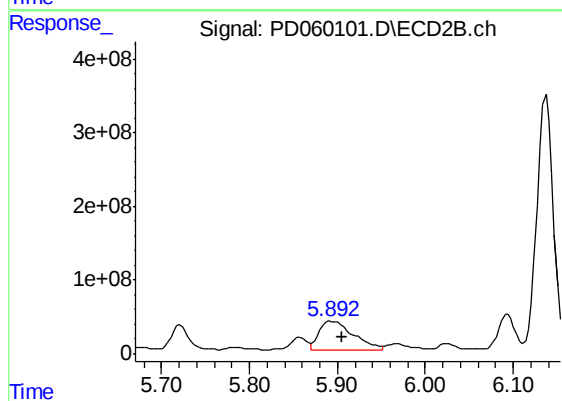
#7 delta-BHC

R.T.: 5.091 min  
Delta R.T.: 0.004 min  
Response: 32999839  
Conc: 9.01 ng/ml



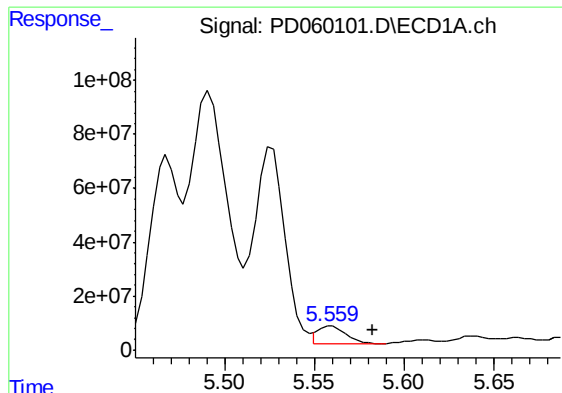
#8 Heptachlor epoxide

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 79764053  
Conc: 75.51 ng/ml



#8 Heptachlor epoxide

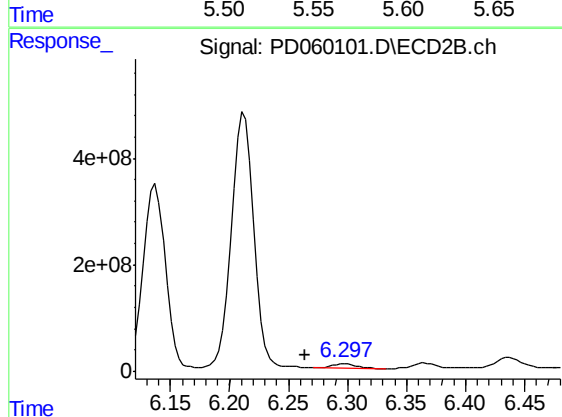
R.T.: 5.894 min  
Delta R.T.: -0.012 min  
Response: 1037437191  
Conc: 314.97 ng/ml



#9 Endosulfan I

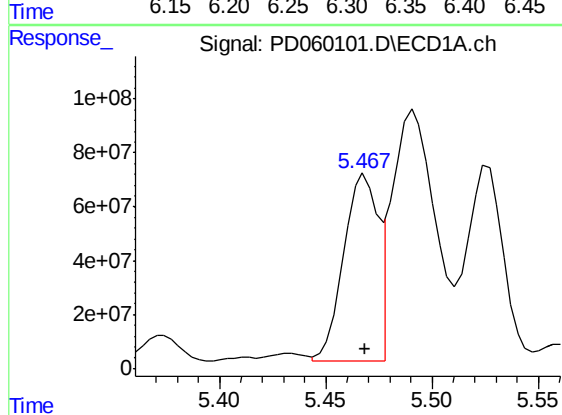
R.T.: 5.560 min  
Delta R.T.: -0.022 min  
Response: 71976660  
Conc: 70.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



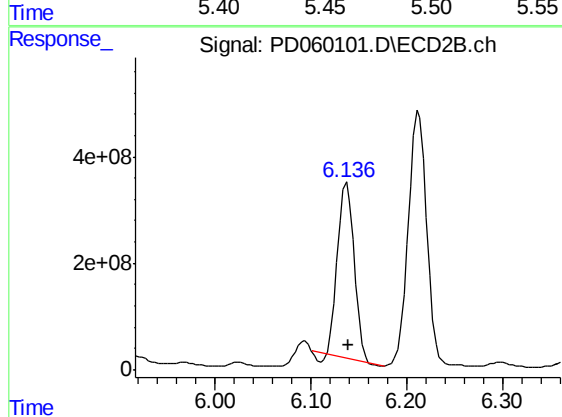
#9 Endosulfan I

R.T.: 6.298 min  
Delta R.T.: 0.034 min  
Response: 104305991  
Conc: 32.54 ng/ml



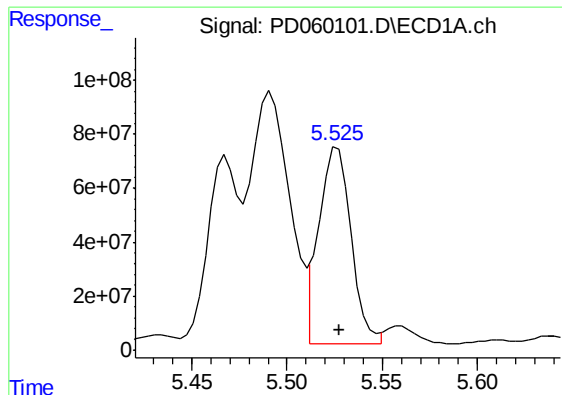
#10 trans-Chlordane

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 757797524  
Conc: 713.48 ng/ml



#10 trans-Chlordane

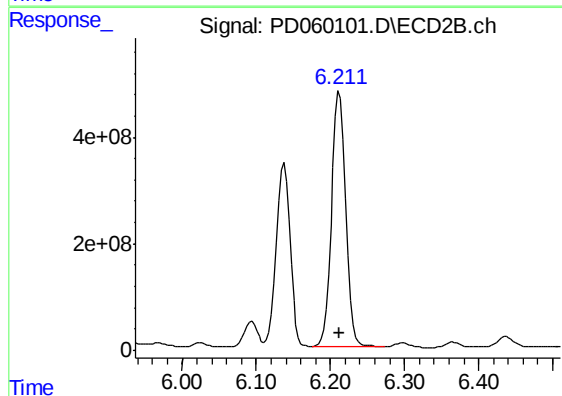
R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 3935553035  
Conc: 1145.47 ng/ml



#11 cis-Chlordane

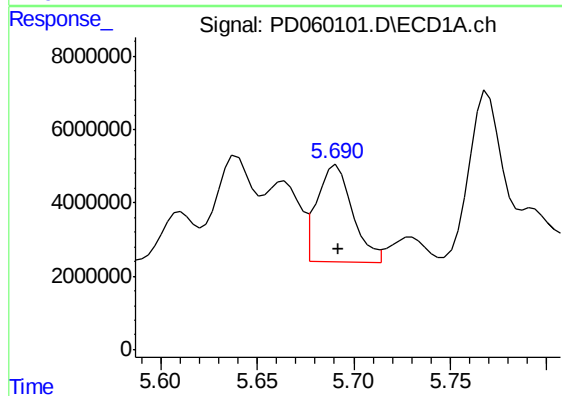
R.T.: 5.526 min  
Delta R.T.: -0.001 min  
Response: 875375083  
Conc: 827.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



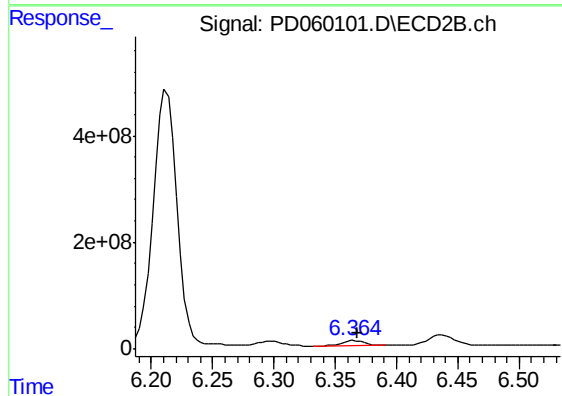
#11 cis-Chlordane

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 6422632836  
Conc: 1870.62 ng/ml



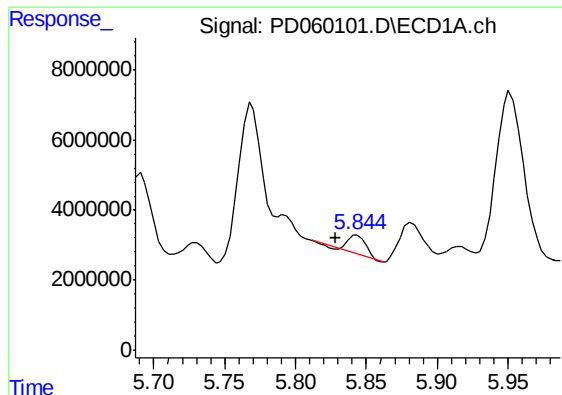
#12 4,4'-DDE

R.T.: 5.691 min  
Delta R.T.: 0.000 min  
Response: 34256696  
Conc: 33.52 ng/ml



#12 4,4'-DDE

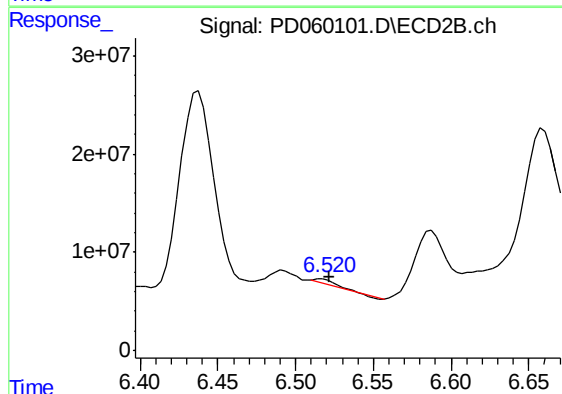
R.T.: 6.365 min  
Delta R.T.: -0.003 min  
Response: 122511402  
Conc: 37.89 ng/ml



#13 Dieldrin

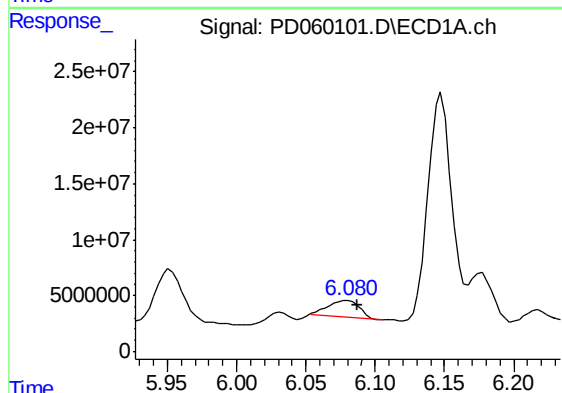
R.T.: 5.844 min  
Delta R.T.: 0.016 min  
Response: 5178768  
Conc: 4.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



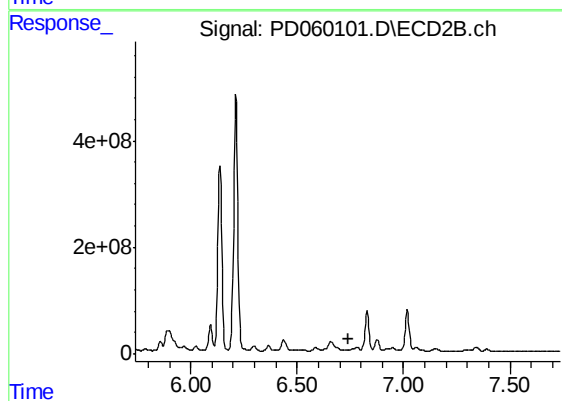
#13 Dieldrin

R.T.: 6.517 min  
Delta R.T.: -0.004 min  
Response: 4946863  
Conc: 1.42 ng/ml



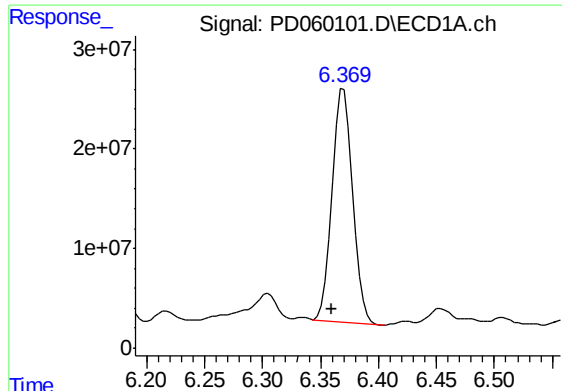
#14 Endrin

R.T.: 6.080 min  
Delta R.T.: -0.007 min  
Response: 23666988  
Conc: 26.23 ng/ml



#14 Endrin

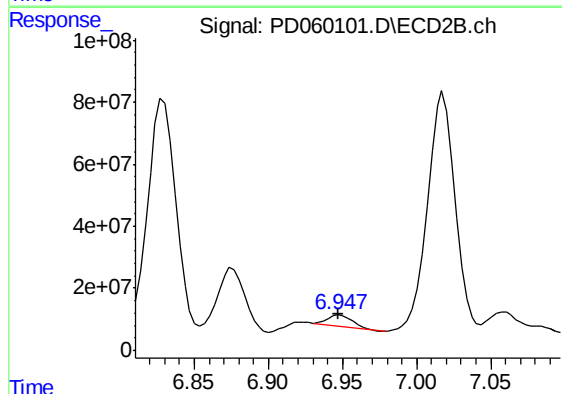
R.T.: 6.729 min  
Delta R.T.: -0.011 min  
Response: -7352431  
Conc: N.D.



#15 Endosulfan II

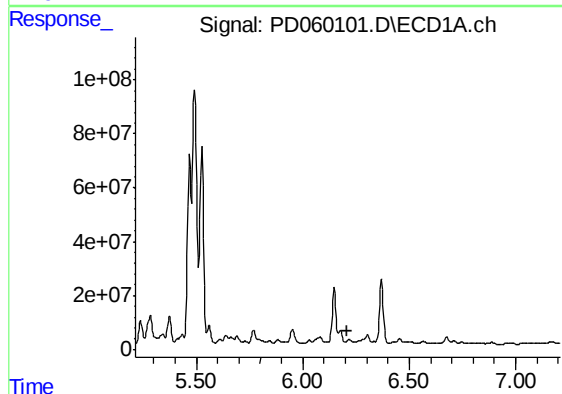
R.T.: 6.370 min  
Delta R.T.: 0.010 min  
Response: 290216320  
Conc: 321.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



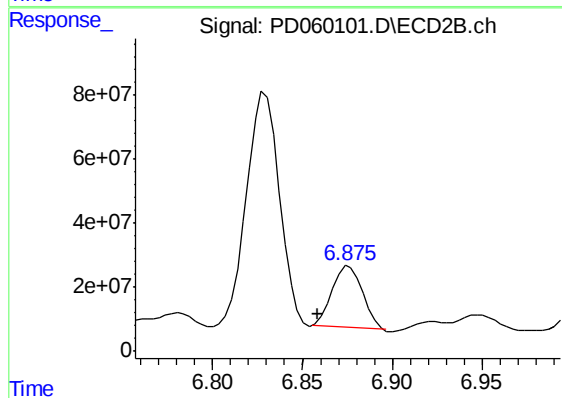
#15 Endosulfan II

R.T.: 6.949 min  
Delta R.T.: 0.001 min  
Response: 39675124  
Conc: 14.04 ng/ml



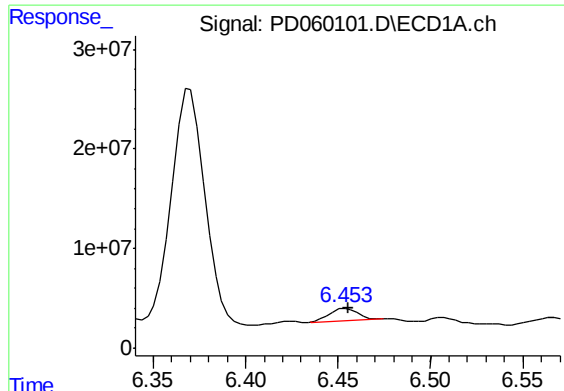
#16 4,4'-DDD

R.T.: 6.217 min  
Delta R.T.: 0.005 min  
Response: -25620166  
Conc: N.D.



#16 4,4'-DDD

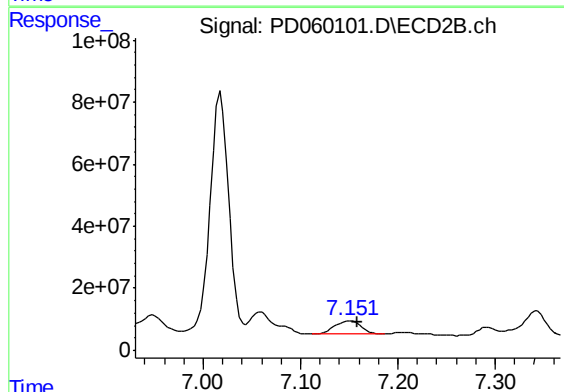
R.T.: 6.876 min  
Delta R.T.: 0.017 min  
Response: 227970624  
Conc: 84.98 ng/ml



#17 4,4'-DDT

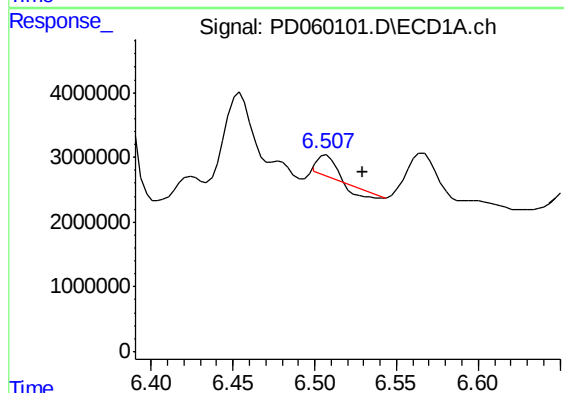
R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 13098351  
Conc: 14.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



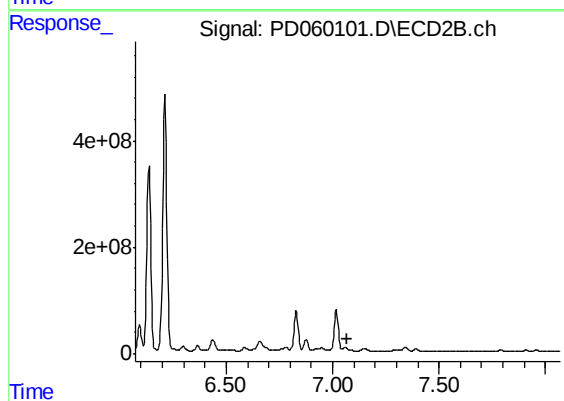
#17 4,4'-DDT

R.T.: 7.153 min  
Delta R.T.: -0.006 min  
Response: 81598705  
Conc: 29.99 ng/ml



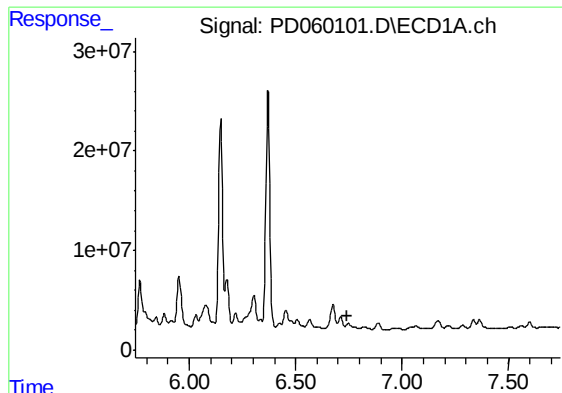
#18 Endrin aldehyde

R.T.: 6.507 min  
Delta R.T.: -0.022 min  
Response: 1673259  
Conc: 2.25 ng/ml



#18 Endrin aldehyde

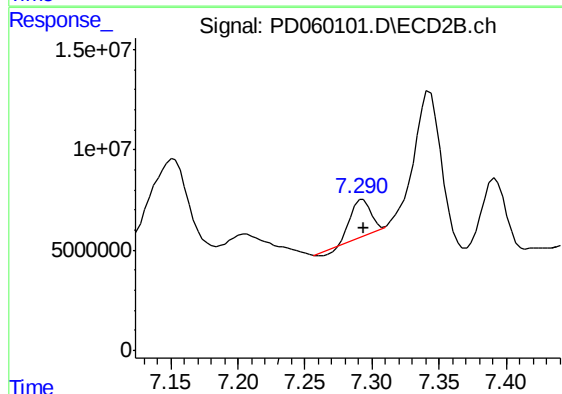
R.T.: 7.059 min  
Delta R.T.: -0.012 min  
Response: -54215847  
Conc: N.D.



#19 Endosulfan Sulfate

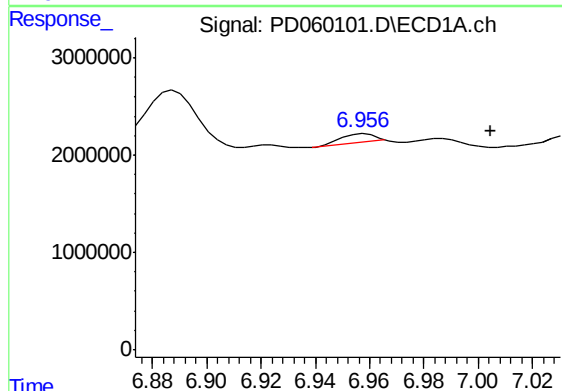
R.T.: 6.747 min  
Delta R.T.: 0.003 min  
Response: -7578293  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



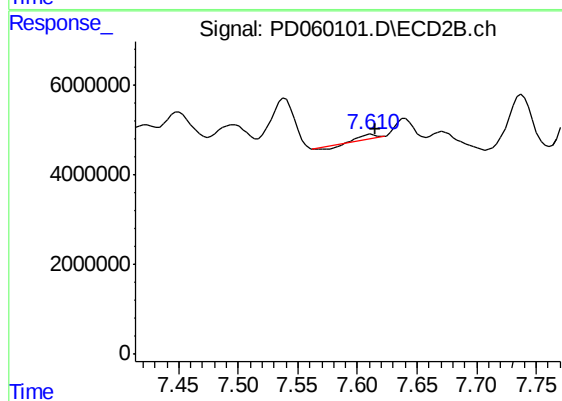
#19 Endosulfan Sulfate

R.T.: 7.293 min  
Delta R.T.: 0.000 min  
Response: 16736787  
Conc: 5.81 ng/ml



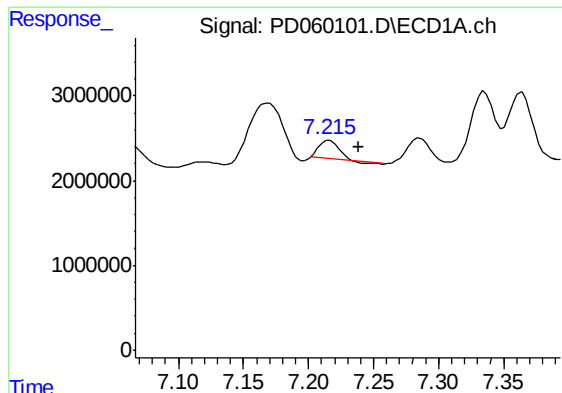
#20 Methoxychlor

R.T.: 6.958 min  
Delta R.T.: -0.047 min  
Response: 874401  
Conc: 2.05 ng/ml



#20 Methoxychlor

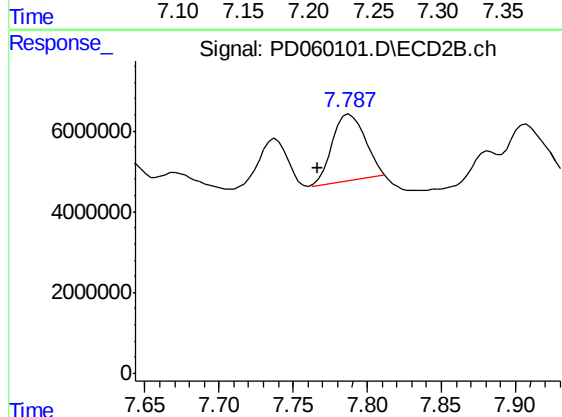
R.T.: 7.612 min  
Delta R.T.: -0.003 min  
Response: 80402  
Conc: N.D.



#21 Endrin ketone

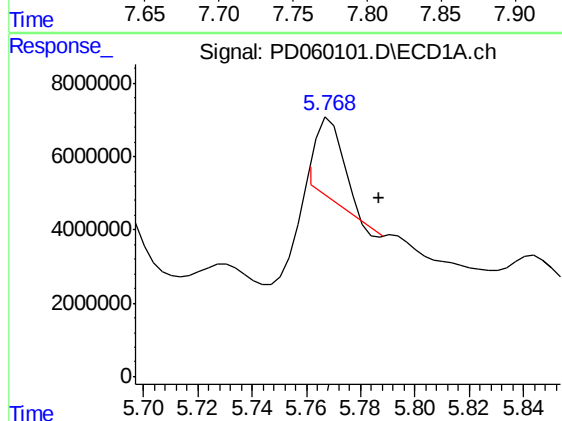
R.T.: 7.216 min  
Delta R.T.: -0.023 min  
Response: 2159349  
Conc: 2.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



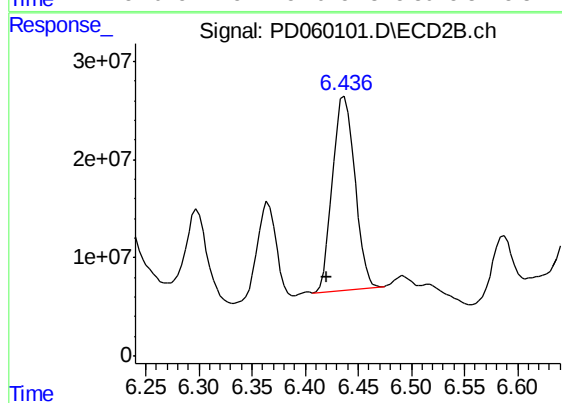
#21 Endrin ketone

R.T.: 7.788 min  
Delta R.T.: 0.021 min  
Response: 25638597  
Conc: 8.79 ng/ml



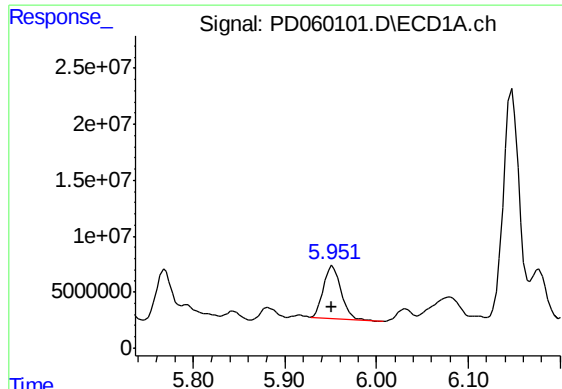
#22 Toxaphene-1

R.T.: 5.769 min  
Delta R.T.: -0.018 min  
Response: 15370968  
Conc: 2351.03 ng/ml



#22 Toxaphene-1

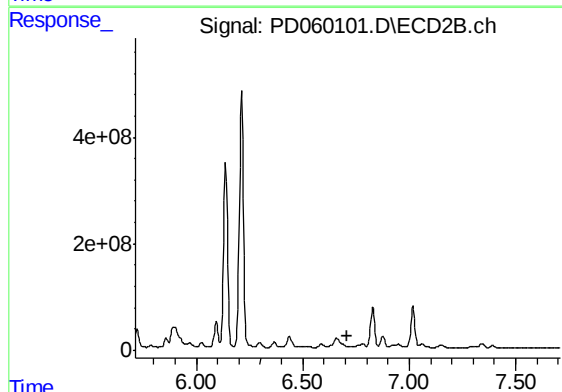
R.T.: 6.437 min  
Delta R.T.: 0.017 min  
Response: 289561356  
Conc: 18928.41 ng/ml



#23 Toxaphene-2

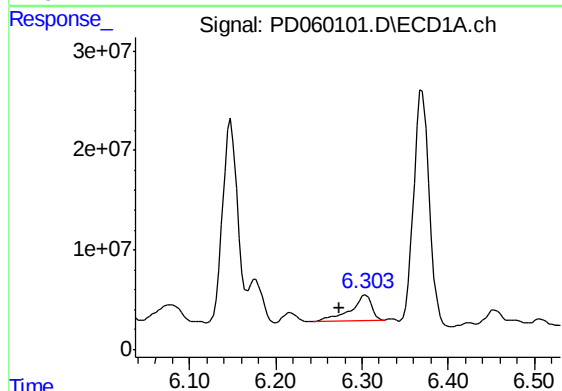
R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 63905821  
Conc: 10123.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



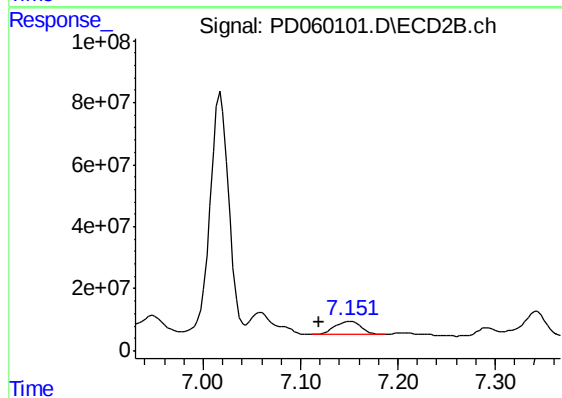
#23 Toxaphene-2

R.T.: 6.729 min  
Delta R.T.: 0.017 min  
Response: -7352431  
Conc: N.D.



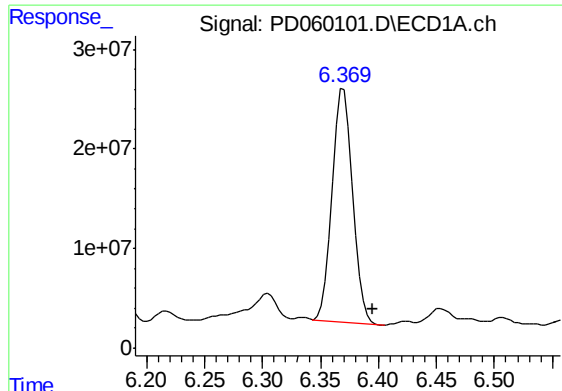
#24 Toxaphene-3

R.T.: 6.304 min  
Delta R.T.: 0.030 min  
Response: 44881356  
Conc: 6357.04 ng/ml



#24 Toxaphene-3

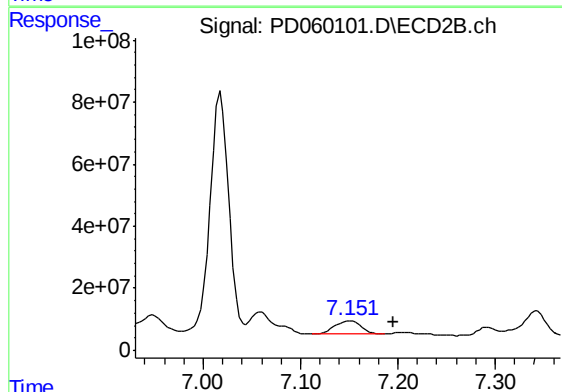
R.T.: 7.153 min  
Delta R.T.: 0.033 min  
Response: 81598705  
Conc: 2942.27 ng/ml



#25 Toxaphene-4

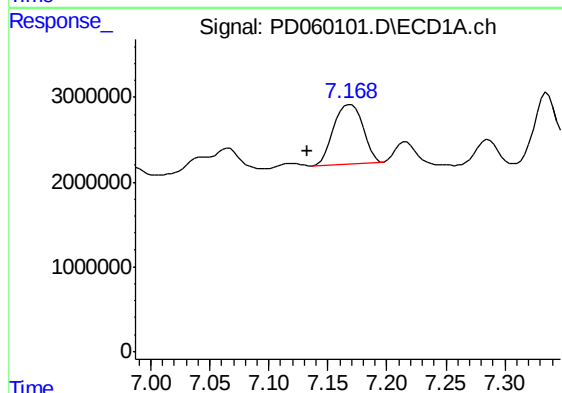
R.T.: 6.370 min  
Delta R.T.: -0.025 min  
Response: 290216320  
Conc: 18100.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



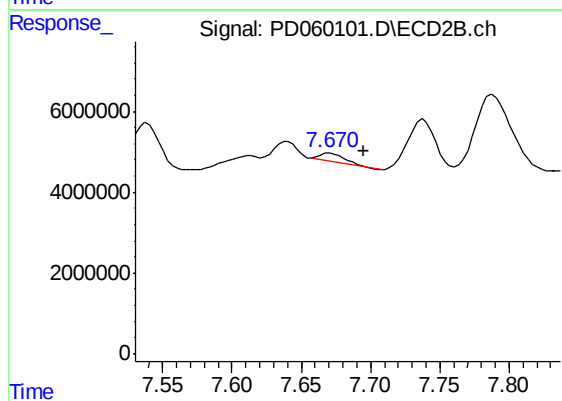
#25 Toxaphene-4

R.T.: 7.153 min  
Delta R.T.: -0.042 min  
Response: 81598705  
Conc: 1075.96 ng/ml



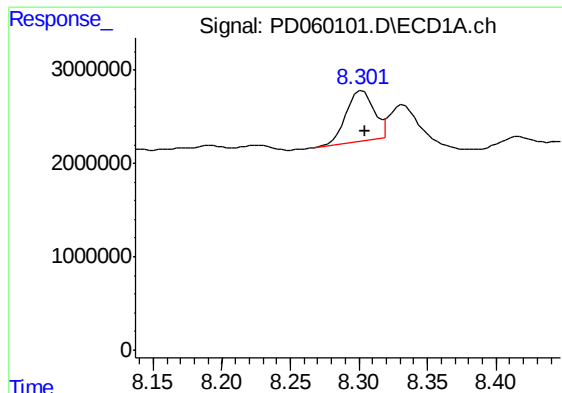
#26 Toxaphene-5

R.T.: 7.169 min  
Delta R.T.: 0.037 min  
Response: 12532194  
Conc: 740.97 ng/ml



#26 Toxaphene-5

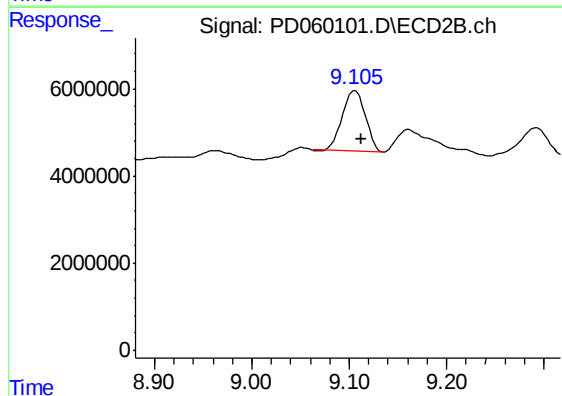
R.T.: 7.671 min  
Delta R.T.: -0.024 min  
Response: 2596126  
Conc: 76.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.302 min  
Delta R.T.: -0.002 min  
Response: 7666092  
Conc: 9.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AW7



#27 Decachlorobiphenyl

R.T.: 9.106 min  
Delta R.T.: -0.006 min  
Response: 22931660  
Conc: 9.32 ng/ml