

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110521\  
 Data File : PD066762.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Nov 2021 18:27  
 Operator : AR\AJ  
 Sample : M4445-08  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 05:42:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 16:50:52 2021  
 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

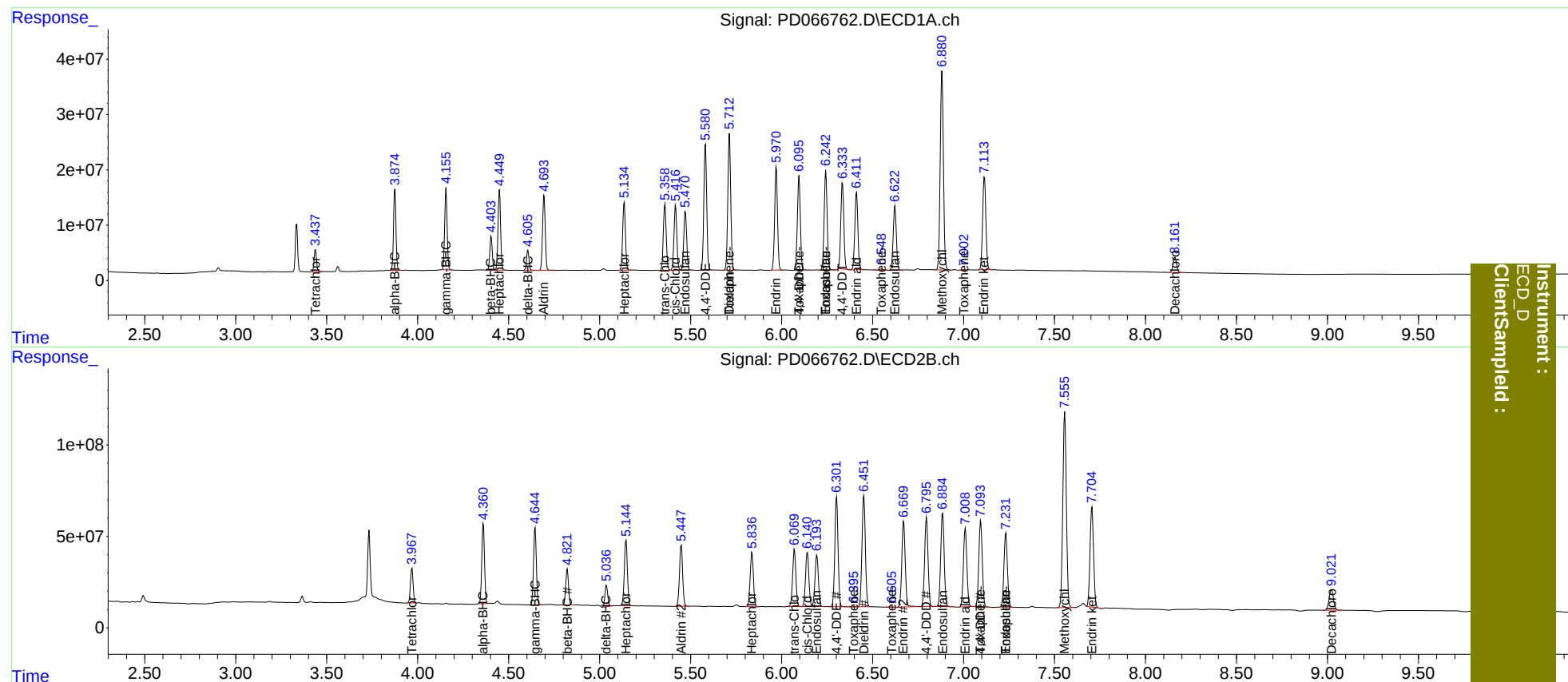
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml     | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|-----------|------------|
| -----                       |                 |       |       |          |          |           |            |
| System Monitoring Compounds |                 |       |       |          |          |           |            |
| 1)                          | SA Tetrachlo... | 3.438 | 3.969 | 37155224 | 195.1E6  | 19.221    | 22.528     |
| 27)                         | SA Decachlor... | 8.162 | 9.022 | 37318515 | 191.7E6  | 31.850    | 36.764     |
| Target Compounds            |                 |       |       |          |          |           |            |
| 2)                          | A alpha-BHC     | 3.875 | 4.361 | 137.1E6  | 454.1E6  | 46.822    | 41.532     |
| 3)                          | MA gamma-BHC... | 4.156 | 4.645 | 136.9E6  | 449.1E6  | 49.443    | 44.440     |
| 4)                          | MA Heptachlor   | 4.450 | 5.145 | 141.3E6  | 419.9E6  | 49.678    | 42.844     |
| 5)                          | MB Aldrin       | 4.695 | 5.449 | 139.5E6  | 403.0E6  | 48.435    | 42.773     |
| 6)                          | B beta-BHC      | 4.404 | 4.822 | 57961569 | 207.1E6  | 46.146    | 42.040     |
| 7)                          | B delta-BHC     | 4.606 | 5.038 | 33954293 | 127.0E6  | 12.810    | 12.837     |
| 8)                          | B Heptachlo...  | 5.135 | 5.837 | 130.6E6  | 363.5E6  | 51.388    | 48.355     |
| 9)                          | A Endosulfan I  | 5.471 | 6.194 | 118.5E6  | 365.7E6  | 51.717    | 46.733     |
| 10)                         | B trans-Chl...  | 5.359 | 6.071 | 132.6E6  | 386.2E6  | 51.307    | 44.842     |
| 11)                         | B cis-Chlor...  | 5.417 | 6.142 | 127.2E6  | 380.5E6  | 49.917    | 44.341     |
| 12)                         | B 4,4'-DDE      | 5.582 | 6.302 | 252.1E6  | 745.7E6  | 110.369   | 97.931     |
| 13)                         | MA Dieldrin     | 5.714 | 6.452 | 268.8E6  | 785.1E6  | 107.698   | 98.416     |
| 14)                         | MA Endrin       | 5.971 | 6.671 | 203.9E6  | 612.7E6  | 96.373    | 90.288     |
| 15)                         | B Endosulfa...  | 6.243 | 6.885 | 203.2E6  | 676.6E6  | 97.842    | 94.357     |
| 16)                         | A 4,4'-DDD      | 6.096 | 6.797 | 189.2E6  | 632.8E6  | 104.547   | 98.013     |
| 17)                         | MA 4,4'-DDT     | 6.335 | 7.094 | 180.5E6  | 621.2E6  | 95.470    | 94.034     |
| 18)                         | B Endrin al...  | 6.412 | 7.010 | 164.0E6  | 568.2E6  | 112.567   | 106.792    |
| 19)                         | B Endosulfa...  | 6.623 | 7.233 | 136.4E6  | 529.4E6  | 74.768    | 76.820     |
| 20)                         | A Methoxychlor  | 6.882 | 7.556 | 440.9E6  | 1455.7E6 | 470.460   | 450.439    |
| 21)                         | B Endrin ke...  | 7.115 | 7.706 | 208.7E6  | 737.7E6  | 101.287   | 94.116     |
| 22)                         | Toxaphene-1     | 5.714 | 6.395 | 268.8E6  | 36520    | 17087.572 | 0.903 #    |
| 23)                         | Toxaphene-2     | 6.096 | 6.606 | 189.2E6  | 1206796  | 11770.055 | 18.271 #   |
| 24)                         | Toxaphene-3     | 6.243 | 7.094 | 203.2E6  | 621.2E6  | 5461.755  | 5459.167   |
| 25)                         | Toxaphene-4     | 6.549 | 7.233 | 2405221  | 529.4E6  | 62.103    | 4683.484 # |
| 26)                         | Toxaphene-5     | 7.003 | 0.000 | 613513   | 0        | 15.729    | N.D. #     |
| -----                       |                 |       |       |          |          |           |            |

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

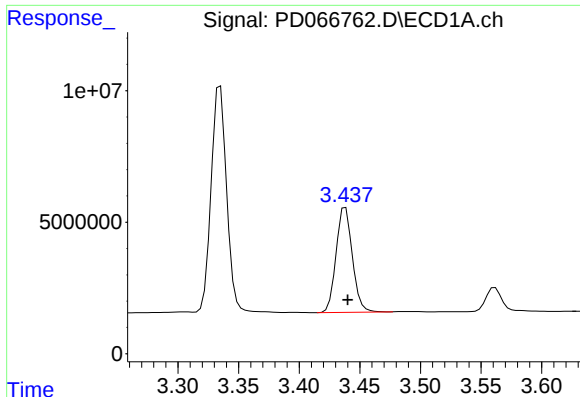
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110521\  
Data File : PD066762.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Nov 2021 18:27  
Operator : AR\AJ  
Sample : M4445-08  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 05:42:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 16:50:52 2021  
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



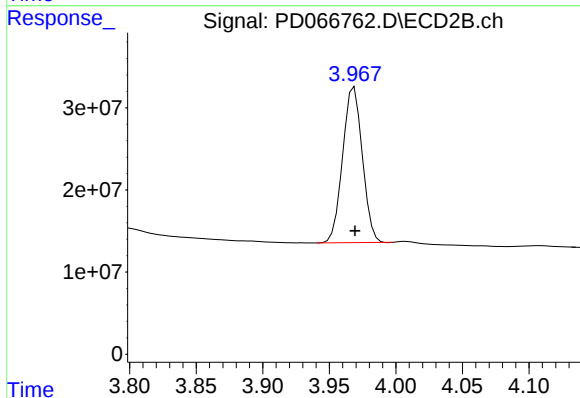
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

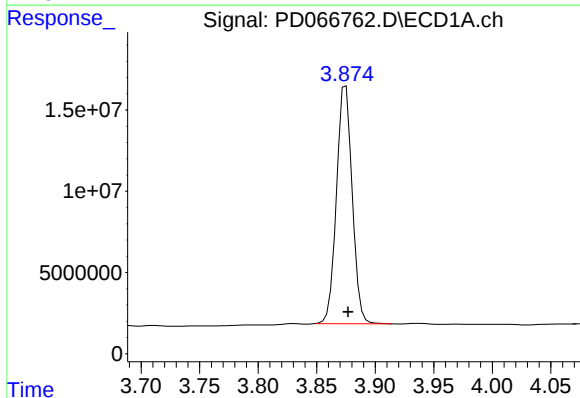
R.T.: 3.438 min  
Delta R.T.: -0.002 min  
Response: 37155224  
Conc: 19.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



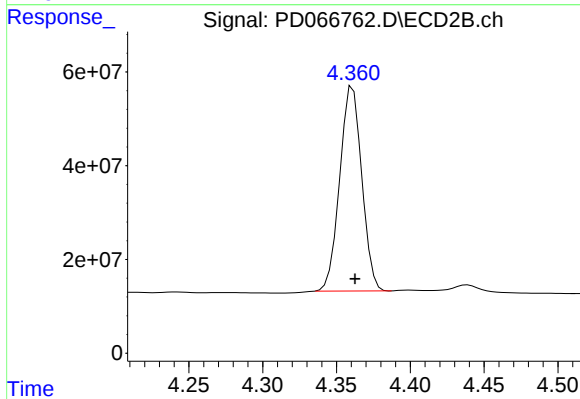
#1 Tetrachloro-m-xylene

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 195099520  
Conc: 22.53 ng/ml



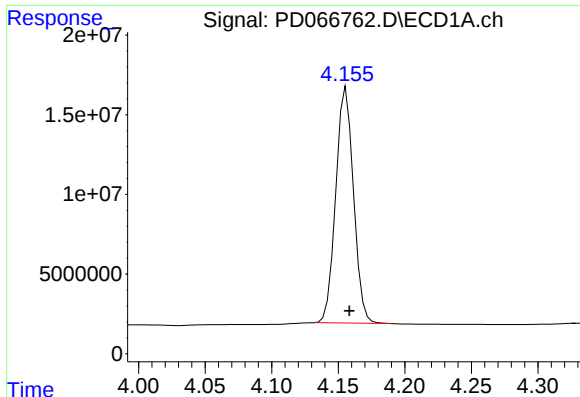
#2 alpha-BHC

R.T.: 3.875 min  
Delta R.T.: -0.002 min  
Response: 137050638  
Conc: 46.82 ng/ml



#2 alpha-BHC

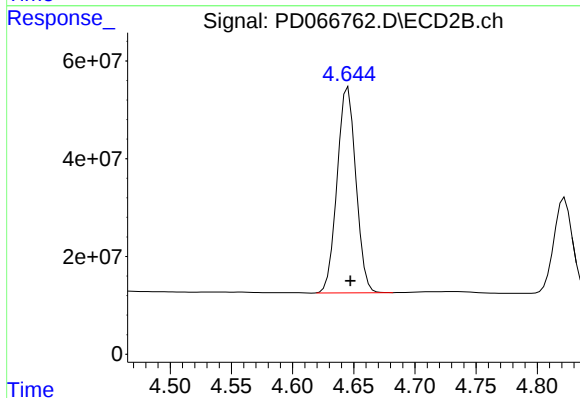
R.T.: 4.361 min  
Delta R.T.: -0.001 min  
Response: 454120623  
Conc: 41.53 ng/ml



#3 gamma-BHC (Lindane)

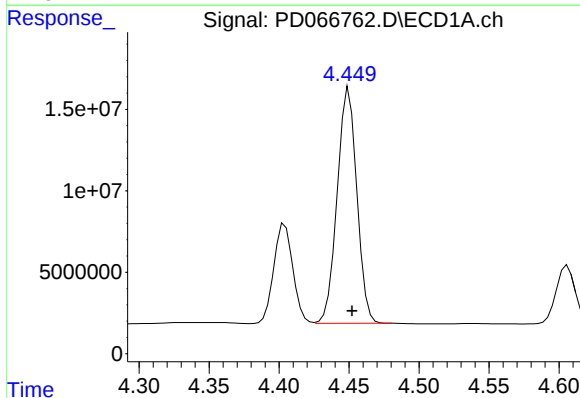
R.T.: 4.156 min  
Delta R.T.: -0.002 min  
Response: 136888191  
Conc: 49.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



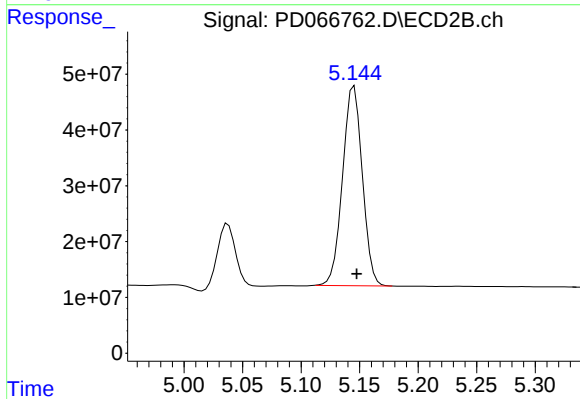
#3 gamma-BHC (Lindane)

R.T.: 4.645 min  
Delta R.T.: -0.002 min  
Response: 449091951  
Conc: 44.44 ng/ml



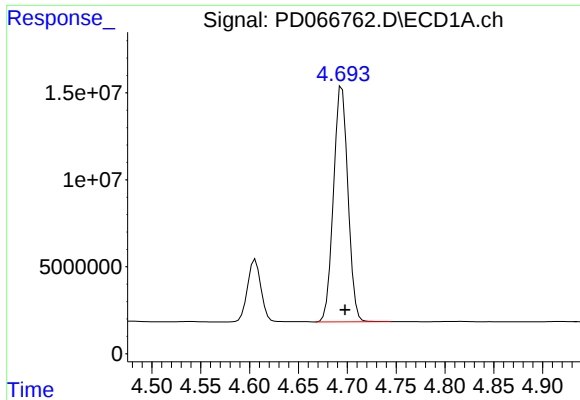
#4 Heptachlor

R.T.: 4.450 min  
Delta R.T.: -0.002 min  
Response: 141325880  
Conc: 49.68 ng/ml



#4 Heptachlor

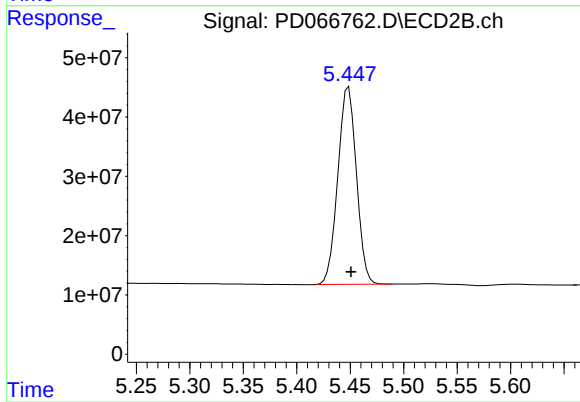
R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 419937581  
Conc: 42.84 ng/ml



#5 Aldrin

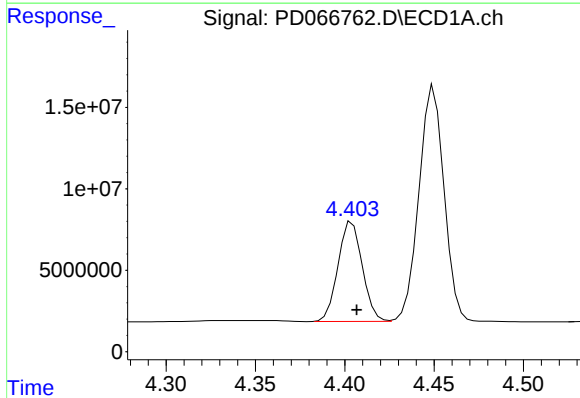
R.T.: 4.695 min  
Delta R.T.: -0.003 min  
Response: 139458203  
Conc: 48.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



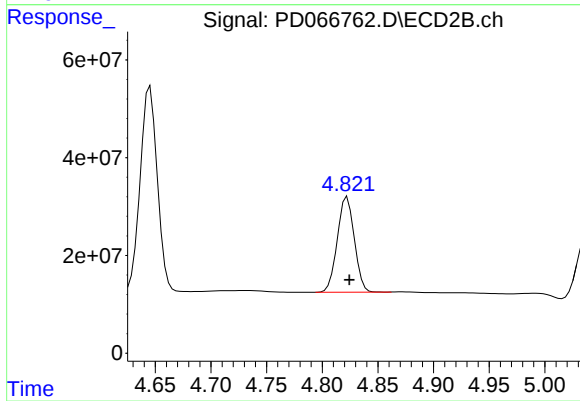
#5 Aldrin

R.T.: 5.449 min  
Delta R.T.: -0.002 min  
Response: 403017471  
Conc: 42.77 ng/ml



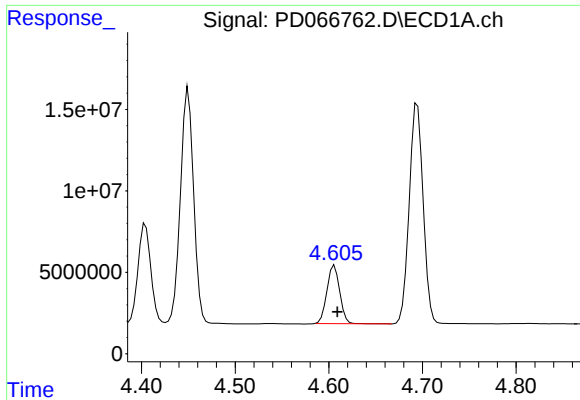
#6 beta-BHC

R.T.: 4.404 min  
Delta R.T.: -0.003 min  
Response: 57961569  
Conc: 46.15 ng/ml



#6 beta-BHC

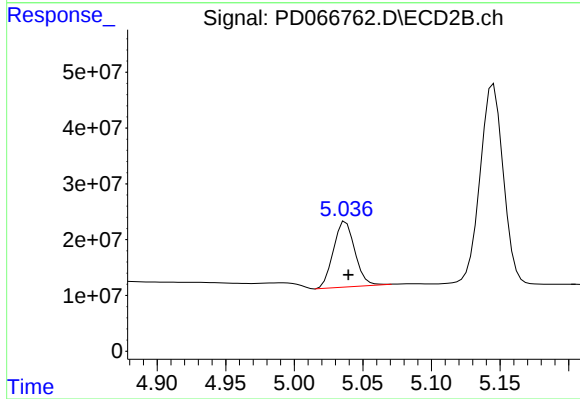
R.T.: 4.822 min  
Delta R.T.: -0.002 min  
Response: 207141182  
Conc: 42.04 ng/ml



#7 delta-BHC

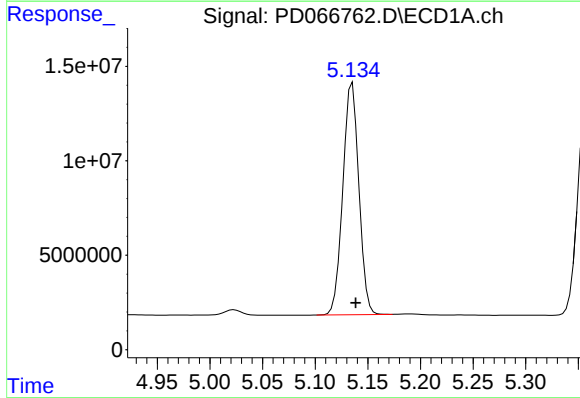
R.T.: 4.606 min  
Delta R.T.: -0.003 min  
Response: 33954293  
Conc: 12.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



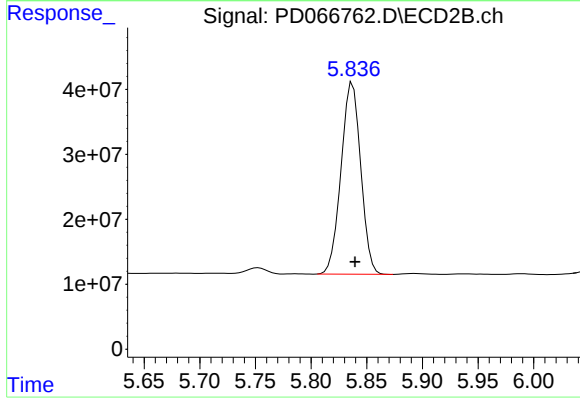
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.002 min  
Response: 127002248  
Conc: 12.84 ng/ml



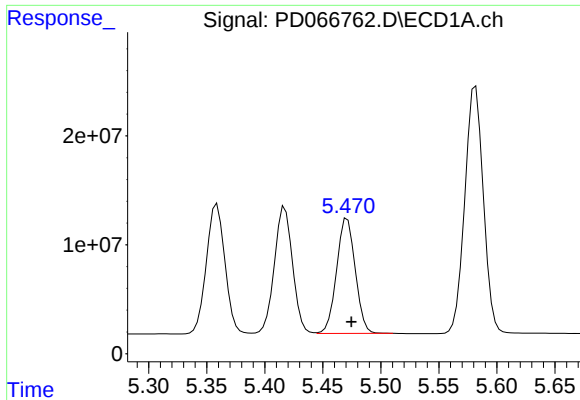
#8 Heptachlor epoxide

R.T.: 5.135 min  
Delta R.T.: -0.003 min  
Response: 130620278  
Conc: 51.39 ng/ml



#8 Heptachlor epoxide

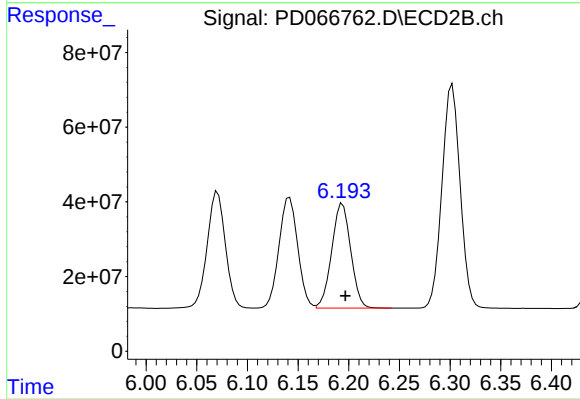
R.T.: 5.837 min  
Delta R.T.: -0.002 min  
Response: 363525372  
Conc: 48.35 ng/ml



#9 Endosulfan I

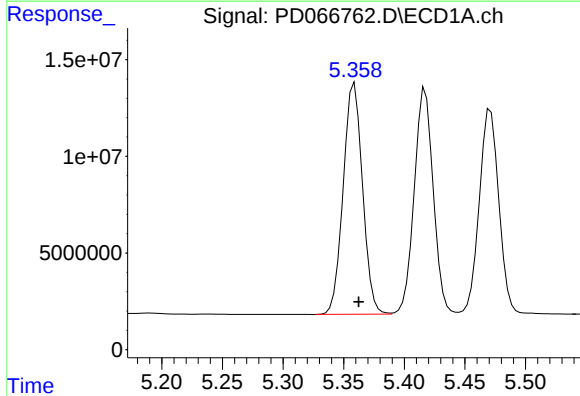
R.T.: 5.471 min  
Delta R.T.: -0.003 min  
Response: 118546076  
Conc: 51.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



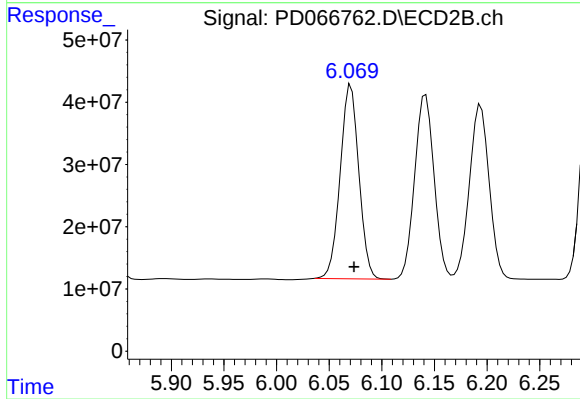
#9 Endosulfan I

R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 365667647  
Conc: 46.73 ng/ml



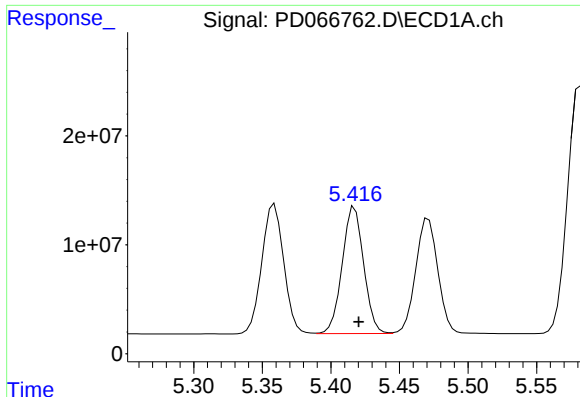
#10 trans-Chlordane

R.T.: 5.359 min  
Delta R.T.: -0.004 min  
Response: 132613531  
Conc: 51.31 ng/ml



#10 trans-Chlordane

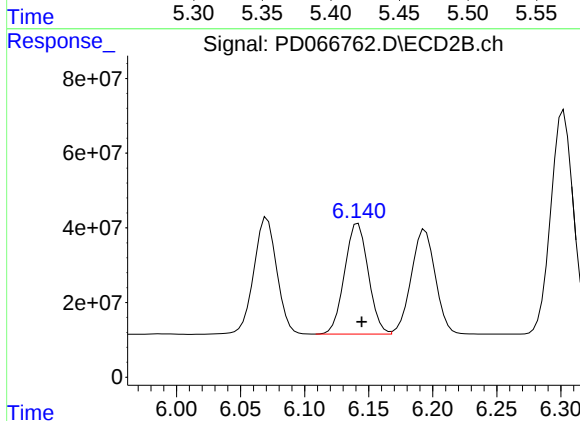
R.T.: 6.071 min  
Delta R.T.: -0.003 min  
Response: 386153224  
Conc: 44.84 ng/ml



#11 cis-Chlordane

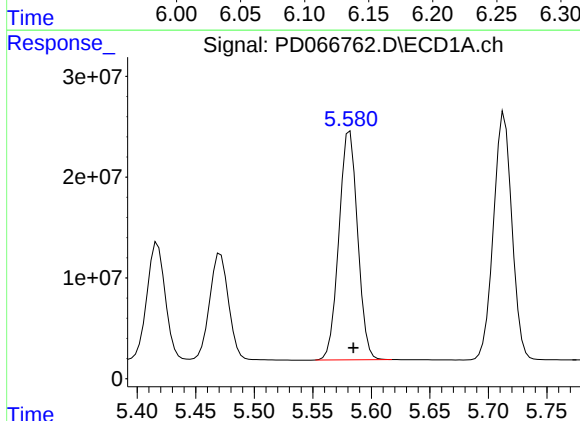
R.T.: 5.417 min  
Delta R.T.: -0.003 min  
Response: 127169483  
Conc: 49.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



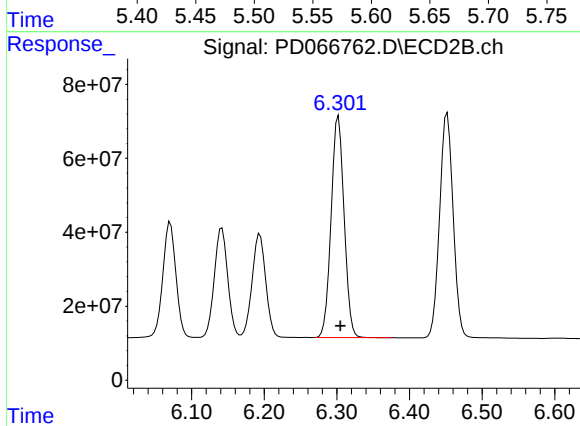
#11 cis-Chlordane

R.T.: 6.142 min  
Delta R.T.: -0.003 min  
Response: 380496484  
Conc: 44.34 ng/ml



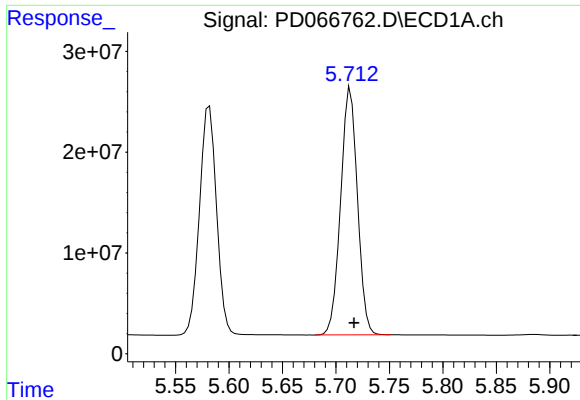
#12 4,4'-DDE

R.T.: 5.582 min  
Delta R.T.: -0.003 min  
Response: 252081929  
Conc: 110.37 ng/ml



#12 4,4'-DDE

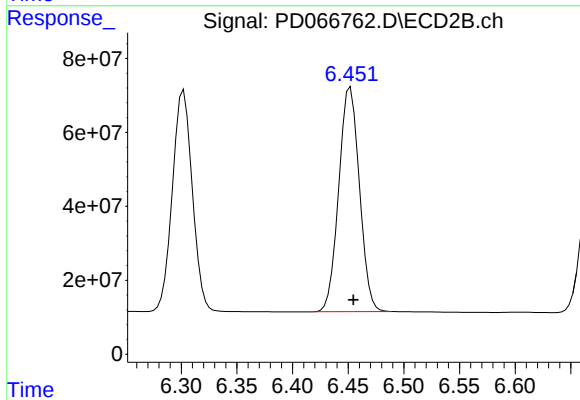
R.T.: 6.302 min  
Delta R.T.: -0.003 min  
Response: 745731397  
Conc: 97.93 ng/ml



#13 Dieldrin

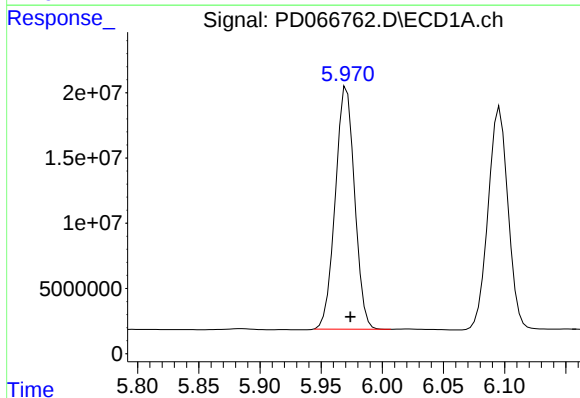
R.T.: 5.714 min  
Delta R.T.: -0.003 min  
Response: 268755006  
Conc: 107.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



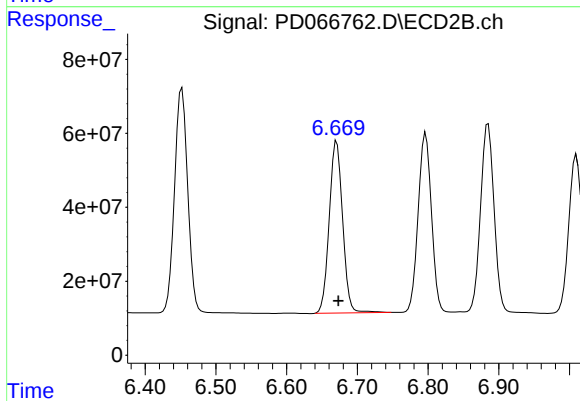
#13 Dieldrin

R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 785139334  
Conc: 98.42 ng/ml



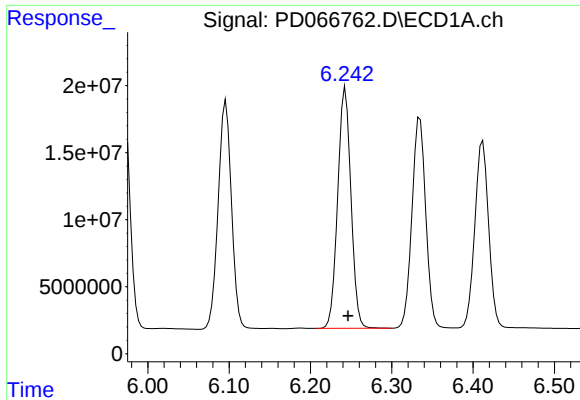
#14 Endrin

R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 203899224  
Conc: 96.37 ng/ml



#14 Endrin

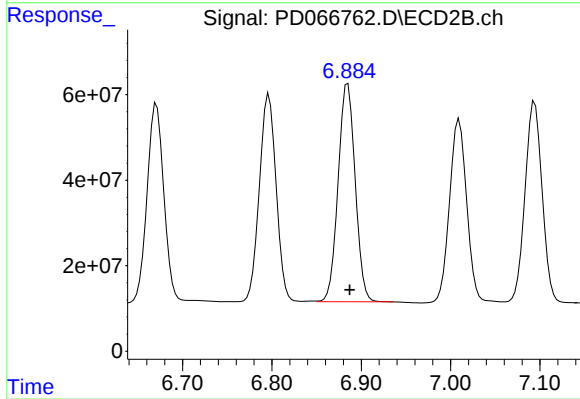
R.T.: 6.671 min  
Delta R.T.: -0.002 min  
Response: 612728738  
Conc: 90.29 ng/ml



#15 Endosulfan II

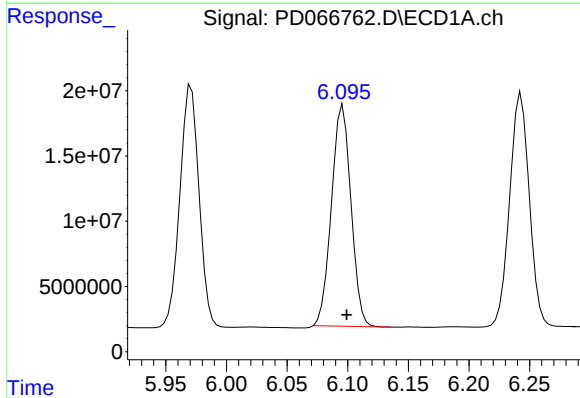
R.T.: 6.243 min  
Delta R.T.: -0.003 min  
Response: 203162033  
Conc: 97.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



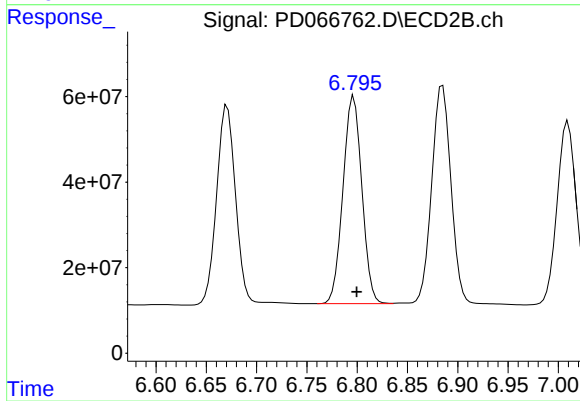
#15 Endosulfan II

R.T.: 6.885 min  
Delta R.T.: -0.002 min  
Response: 676643471  
Conc: 94.36 ng/ml



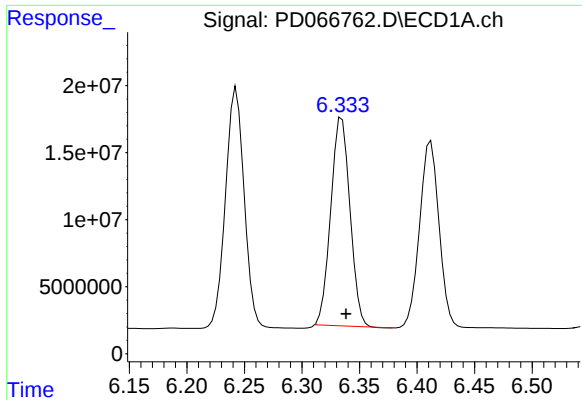
#16 4,4'-DDD

R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 189238891  
Conc: 104.55 ng/ml



#16 4,4'-DDD

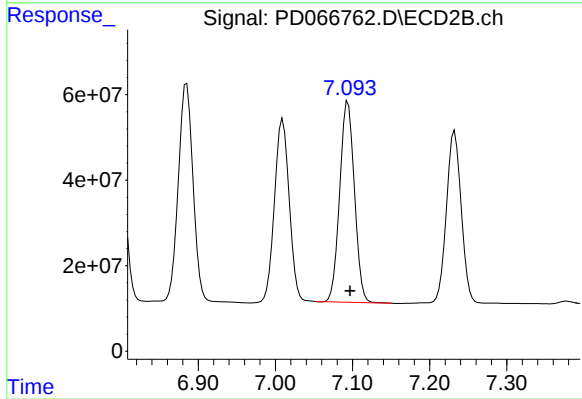
R.T.: 6.797 min  
Delta R.T.: -0.003 min  
Response: 632761114  
Conc: 98.01 ng/ml



#17 4,4'-DDT

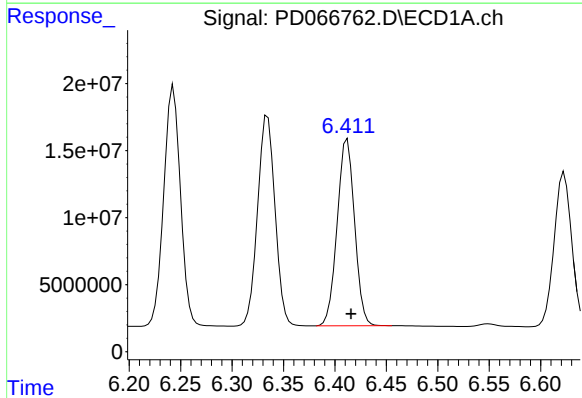
R.T.: 6.335 min  
Delta R.T.: -0.004 min  
Response: 180509128  
Conc: 95.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



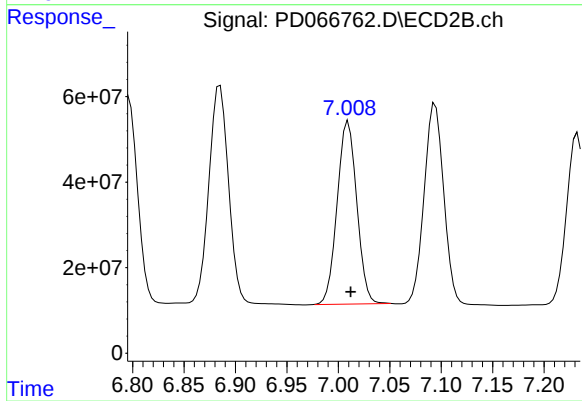
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: -0.003 min  
Response: 621201312  
Conc: 94.03 ng/ml



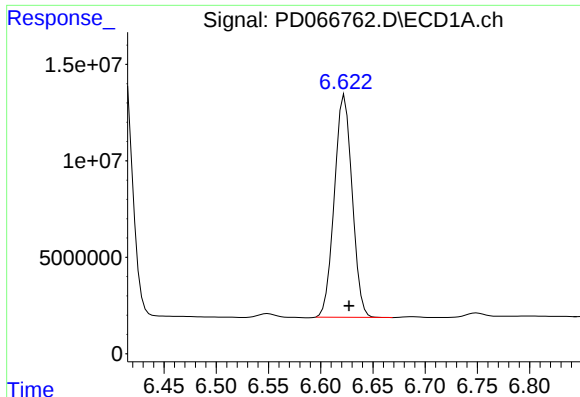
#18 Endrin aldehyde

R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 163998686  
Conc: 112.57 ng/ml



#18 Endrin aldehyde

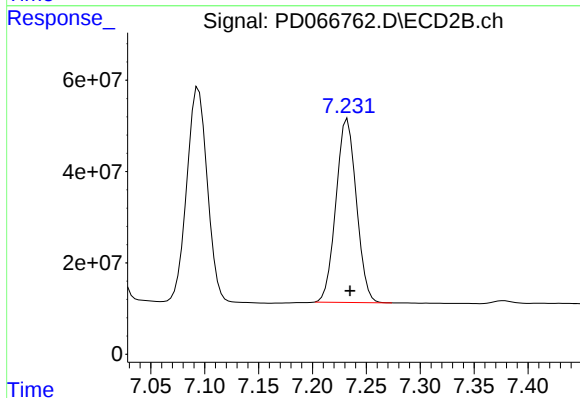
R.T.: 7.010 min  
Delta R.T.: -0.002 min  
Response: 568187505  
Conc: 106.79 ng/ml



#19 Endosulfan Sulfate

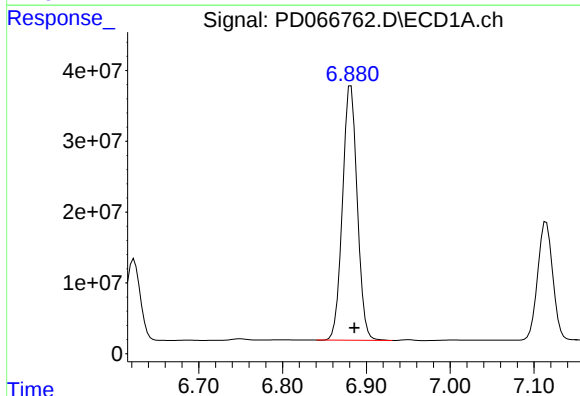
R.T.: 6.623 min  
Delta R.T.: -0.004 min  
Response: 136384114  
Conc: 74.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



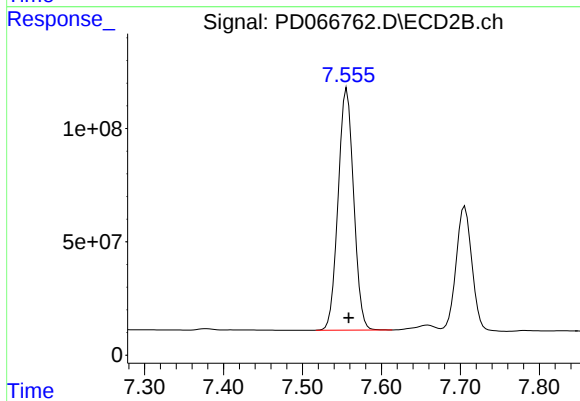
#19 Endosulfan Sulfate

R.T.: 7.233 min  
Delta R.T.: -0.002 min  
Response: 529407649  
Conc: 76.82 ng/ml



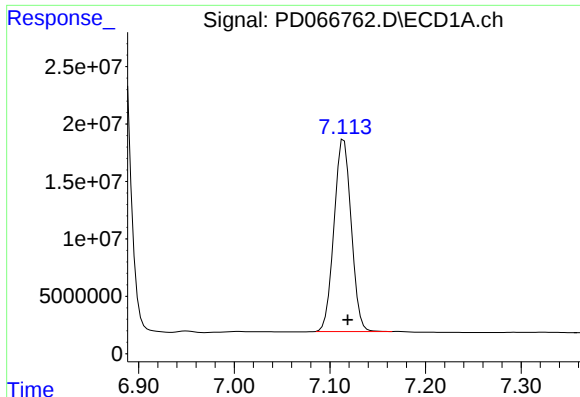
#20 Methoxychlor

R.T.: 6.882 min  
Delta R.T.: -0.004 min  
Response: 440919937  
Conc: 470.46 ng/ml



#20 Methoxychlor

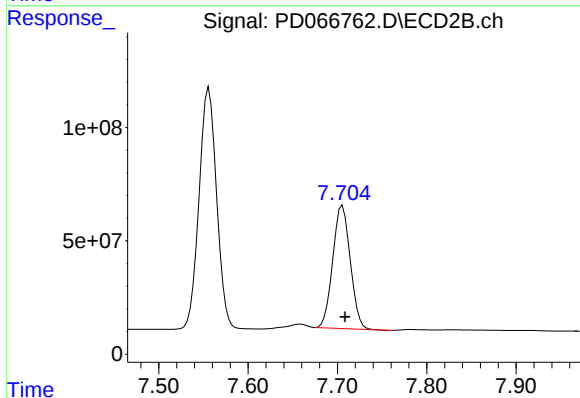
R.T.: 7.556 min  
Delta R.T.: -0.002 min  
Response: 1455712115  
Conc: 450.44 ng/ml



#21 Endrin ketone

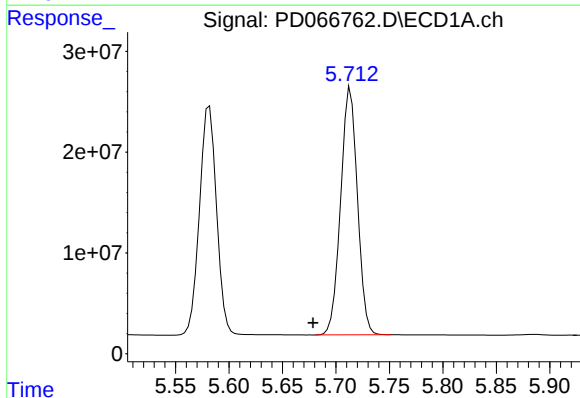
R.T.: 7.115 min  
Delta R.T.: -0.004 min  
Response: 208701573  
Conc: 101.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



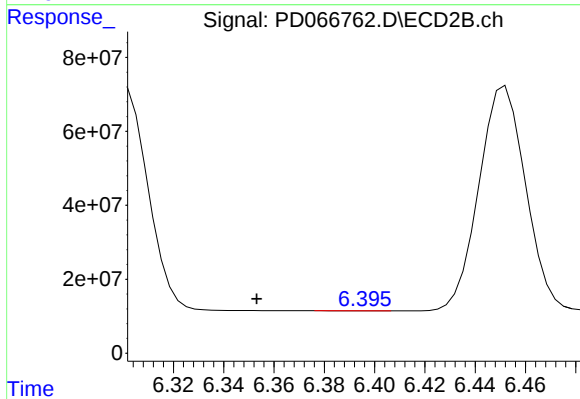
#21 Endrin ketone

R.T.: 7.706 min  
Delta R.T.: -0.003 min  
Response: 737714129  
Conc: 94.12 ng/ml



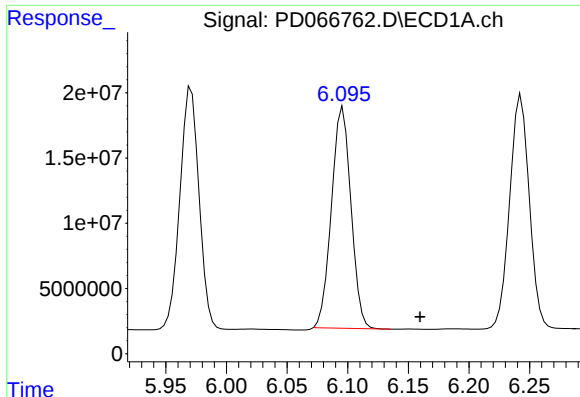
#22 Toxaphene-1

R.T.: 5.714 min  
Delta R.T.: 0.035 min  
Response: 268755006  
Conc: 17087.57 ng/ml



#22 Toxaphene-1

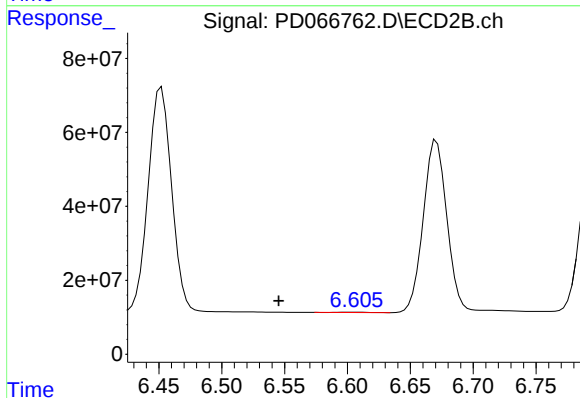
R.T.: 6.395 min  
Delta R.T.: 0.042 min  
Response: 36520  
Conc: 0.90 ng/ml



#23 Toxaphene-2

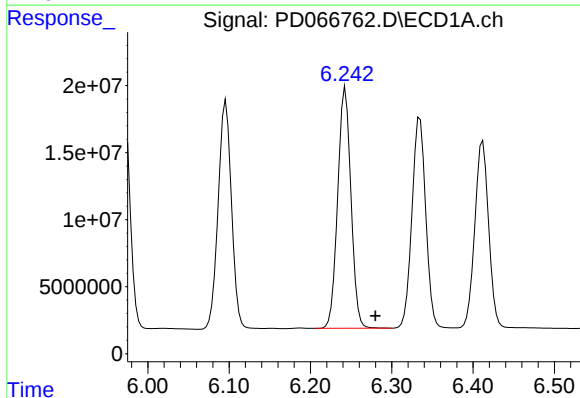
R.T.: 6.096 min  
Delta R.T.: -0.064 min  
Response: 189238891  
Conc: 11770.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



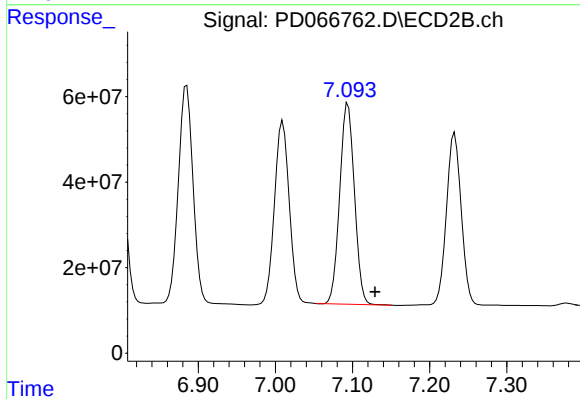
#23 Toxaphene-2

R.T.: 6.606 min  
Delta R.T.: 0.060 min  
Response: 1206796  
Conc: 18.27 ng/ml



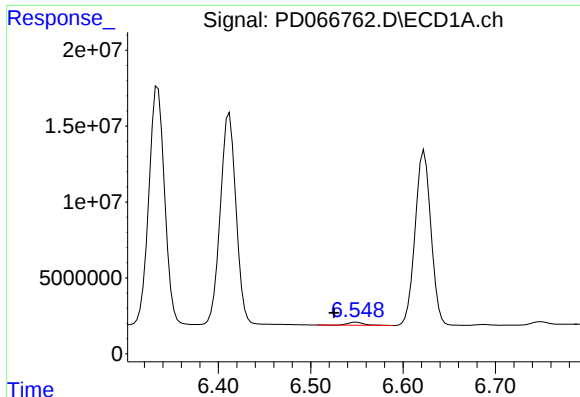
#24 Toxaphene-3

R.T.: 6.243 min  
Delta R.T.: -0.037 min  
Response: 203162033  
Conc: 5461.75 ng/ml



#24 Toxaphene-3

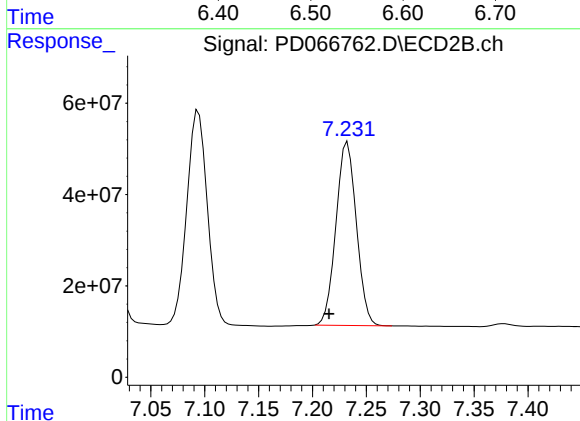
R.T.: 7.094 min  
Delta R.T.: -0.035 min  
Response: 621201312  
Conc: 5459.17 ng/ml



#25 Toxaphene-4

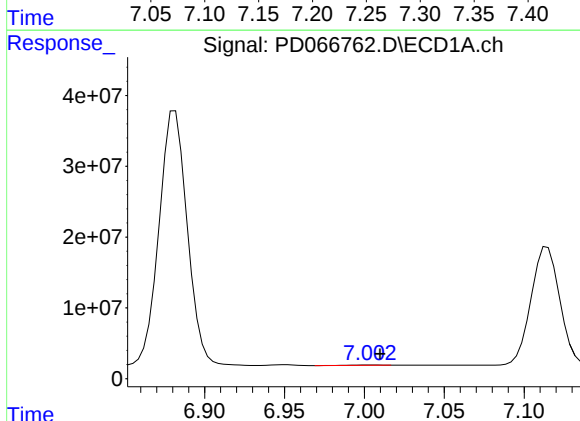
R.T.: 6.549 min  
Delta R.T.: 0.024 min  
Response: 2405221  
Conc: 62.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



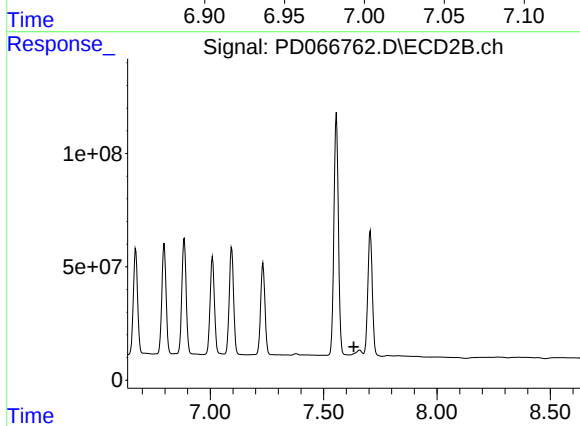
#25 Toxaphene-4

R.T.: 7.233 min  
Delta R.T.: 0.017 min  
Response: 529407649  
Conc: 4683.48 ng/ml



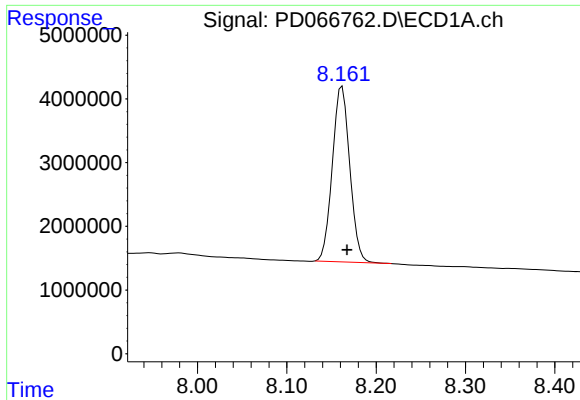
#26 Toxaphene-5

R.T.: 7.003 min  
Delta R.T.: -0.006 min  
Response: 613513  
Conc: 15.73 ng/ml



#26 Toxaphene-5

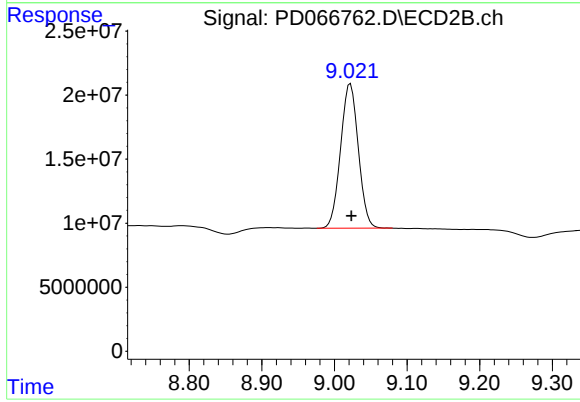
R.T.: 0.000 min  
Exp R.T. : 7.633 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.162 min  
Delta R.T.: -0.006 min  
Response: 37318515  
Conc: 31.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.022 min  
Delta R.T.: -0.001 min  
Response: 191735526  
Conc: 36.76 ng/ml