

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD113021\  
 Data File : PD067153.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Nov 2021 12:08  
 Operator : AR\AJ  
 Sample : M4386-21DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 01 11:53:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD113021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 17:33:19 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.436 | 3.968  | 4510059  | 30644895 | 2.183    | 4.222 #    |
| 28)                         | SA Decachlor... | 8.161 | 9.022  | 2751319  | 11709747 | 2.428    | 2.329      |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.873 | 4.360  | 326.8E6  | 933.6E6  | 97.277   | 89.710     |
| 3)                          | MA gamma-BHC... | 4.155 | 4.645  | 263.9E6  | 756.2E6  | 82.123   | 79.354     |
| 4)                          | MA Heptachlor   | 4.448 | 5.145  | 198.5E6  | 523.3E6  | 61.013   | 58.137     |
| 5)                          | MB Aldrin       | 4.693 | 5.448  | 339.2E6  | 855.6E6  | 106.517  | 101.781    |
| 6)                          | B beta-BHC      | 4.403 | 4.823  | 127.4E6  | 396.4E6  | 93.329   | 89.926     |
| 7)                          | B delta-BHC     | 4.605 | 5.037  | 229.1E6  | 663.9E6  | 76.621   | 72.337     |
| 8)                          | B Heptachlo...  | 5.134 | 5.837  | 266.4E6  | 640.8E6  | 92.475   | 91.396     |
| 9)                          | A Endosulfan I  | 5.470 | 6.194  | 139.6E6  | 363.2E6  | 53.552   | 52.200     |
| 10)                         | B gamma-Chl...  | 5.358 | 6.072  | 300.0E6  | 712.1E6  | 103.168  | 96.747     |
| 11)                         | B alpha-Chl...  | 5.416 | 6.143  | 252.1E6  | 612.8E6  | 88.729   | 84.128     |
| 12)                         | B 4,4'-DDE      | 5.581 | 6.303  | 271.1E6  | 668.7E6  | 101.039  | 96.644     |
| 13)                         | MA Dieldrin     | 5.713 | 6.453  | 301.4E6  | 714.5E6  | 107.839  | 97.425     |
| 14)                         | MA Endrin       | 5.969 | 6.671  | 83283653 | 213.7E6  | 36.476   | 38.057     |
| 15)                         | B Endosulfa...  | 6.242 | 6.886  | 118.4E6  | 317.1E6  | 52.864   | 52.834     |
| 16)                         | A 4,4'-DDD      | 6.095 | 6.798  | 138.7E6  | 369.5E6  | 66.011   | 63.174     |
| 17)                         | MA 4,4'-DDT     | 6.333 | 7.095  | 70585852 | 222.1E6  | 33.360   | 37.218     |
| 18)                         | B Endrin al...  | 6.411 | 7.011  | 38280686 | 108.0E6  | 22.891   | 23.032     |
| 19)                         | B Endosulfa...  | 6.622 | 7.233  | 38428588 | 119.8E6  | 18.948   | 19.957     |
| 20)                         | A Methoxychlor  | 6.880 | 7.556  | 39656813 | 119.7E6  | 35.752   | 37.179     |
| 21)                         | B Endrin ke...  | 7.115 | 7.706  | 147.2E6  | 460.7E6  | 64.964   | 63.702     |
| 24)                         | Chlordane-2     | 0.000 | 5.448f | 0        | 855.6E6  | N.D.     | 3207.355 # |
| 25)                         | Chlordane-3     | 5.358 | 6.072  | 300.0E6  | 712.1E6  | 1090.024 | 745.430 #  |
| 26)                         | Chlordane-4     | 5.416 | 6.143  | 252.1E6  | 612.8E6  | 1104.288 | 551.234 #  |
| 27)                         | Chlordane-5     | 6.242 | 0.000  | 118.4E6  | 0        | 1303.339 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

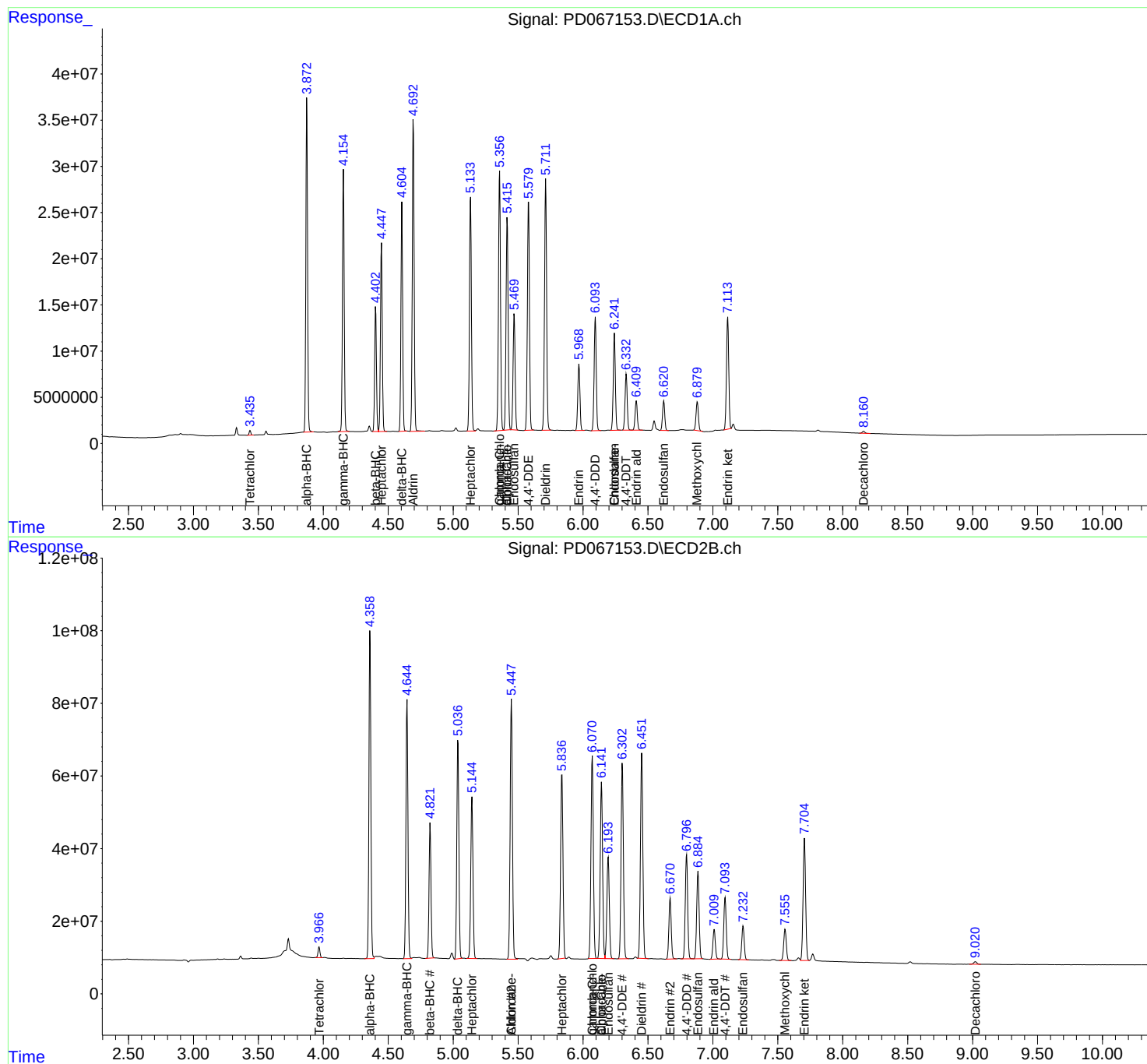
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

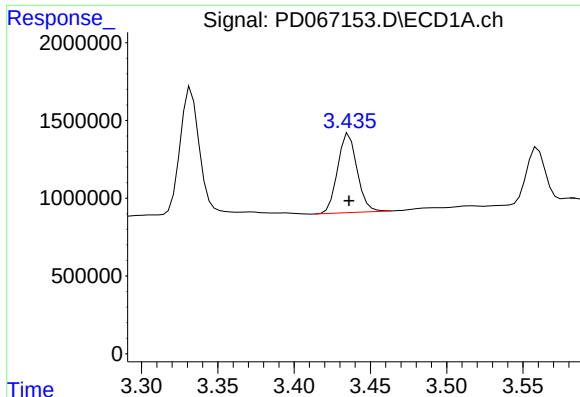
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD113021\  
Data File : PD067153.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Nov 2021 12:08  
Operator : AR\AJ  
Sample : M4386-21DL 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 01 11:53:18 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD113021.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 30 17:33:19 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

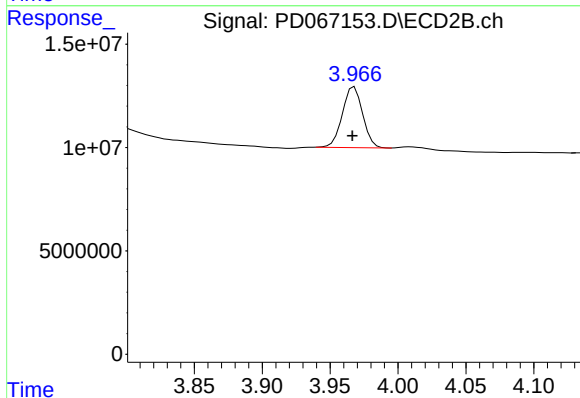




#1 Tetrachloro-m-xylene

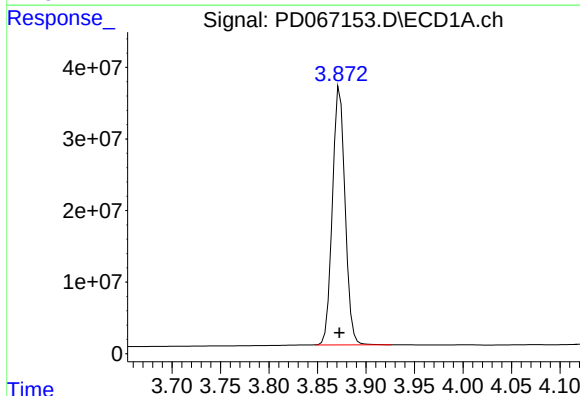
R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 4510059  
Conc: 2.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



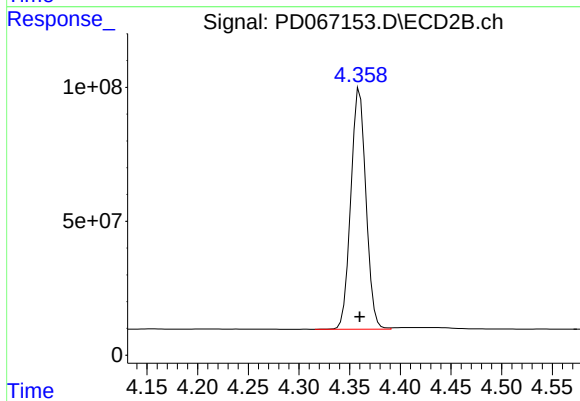
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: 0.002 min  
Response: 30644895  
Conc: 4.22 ng/ml



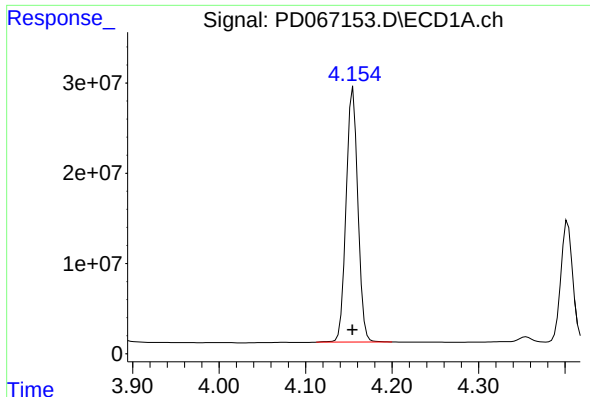
#2 alpha-BHC

R.T.: 3.873 min  
Delta R.T.: 0.000 min  
Response: 326756104  
Conc: 97.28 ng/ml



#2 alpha-BHC

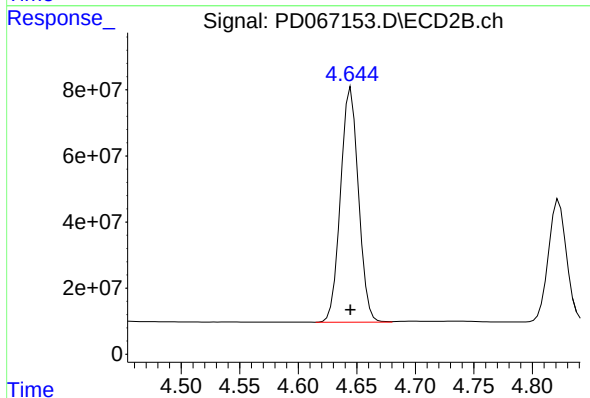
R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 933582815  
Conc: 89.71 ng/ml



#3 gamma-BHC (Lindane)

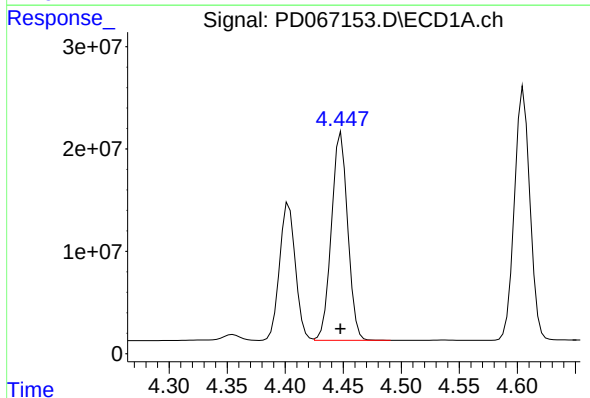
R.T.: 4.155 min  
Delta R.T.: 0.000 min  
Response: 263912854  
Conc: 82.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



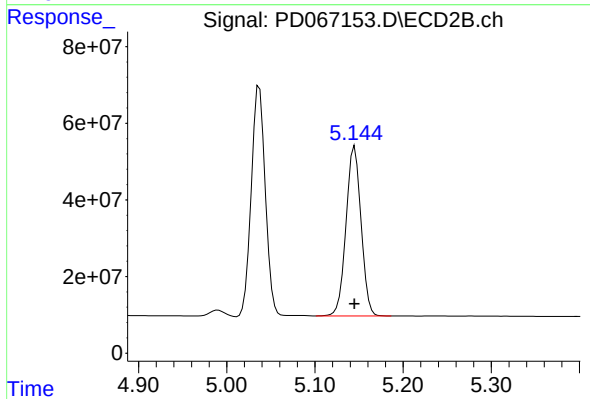
#3 gamma-BHC (Lindane)

R.T.: 4.645 min  
Delta R.T.: 0.000 min  
Response: 756219027  
Conc: 79.35 ng/ml



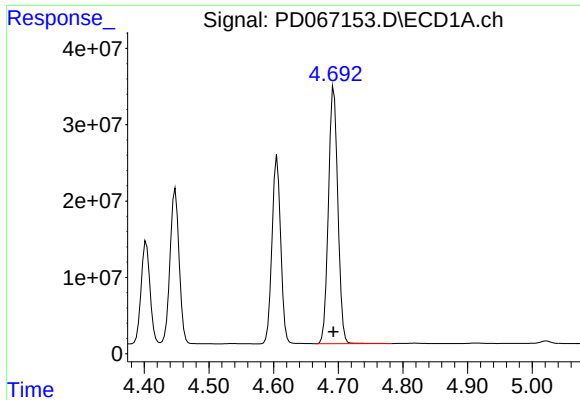
#4 Heptachlor

R.T.: 4.448 min  
Delta R.T.: 0.000 min  
Response: 198504033  
Conc: 61.01 ng/ml



#4 Heptachlor

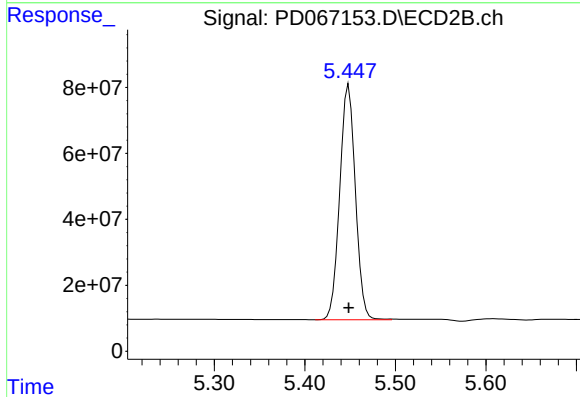
R.T.: 5.145 min  
Delta R.T.: 0.000 min  
Response: 523281207  
Conc: 58.14 ng/ml



#5 Aldrin

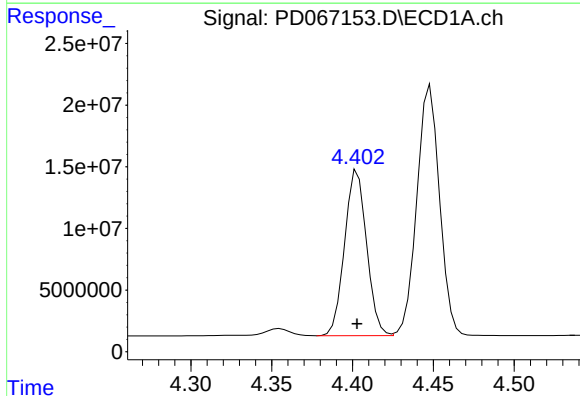
R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 339188898  
Conc: 106.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



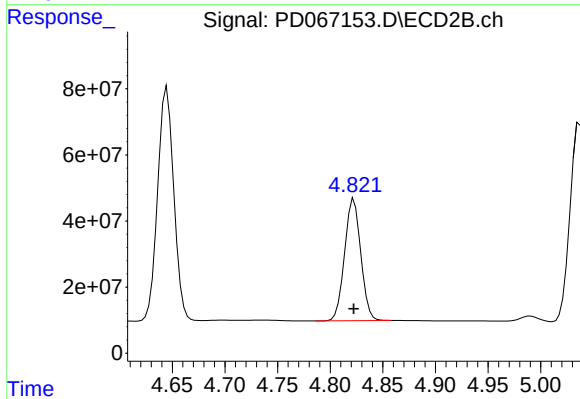
#5 Aldrin

R.T.: 5.448 min  
Delta R.T.: 0.000 min  
Response: 855570914  
Conc: 101.78 ng/ml



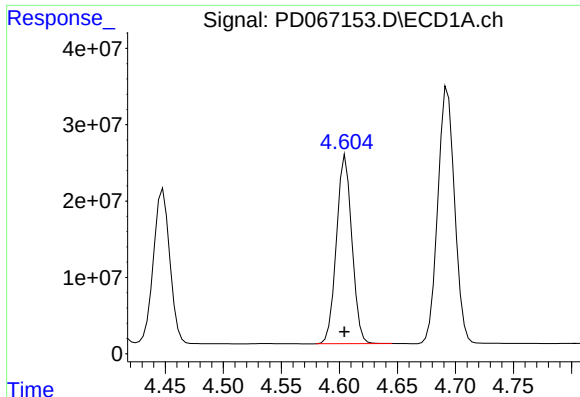
#6 beta-BHC

R.T.: 4.403 min  
Delta R.T.: 0.000 min  
Response: 127394198  
Conc: 93.33 ng/ml



#6 beta-BHC

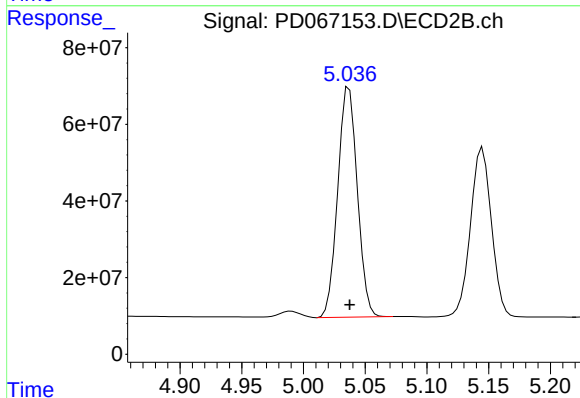
R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 396413455  
Conc: 89.93 ng/ml



#7 delta-BHC

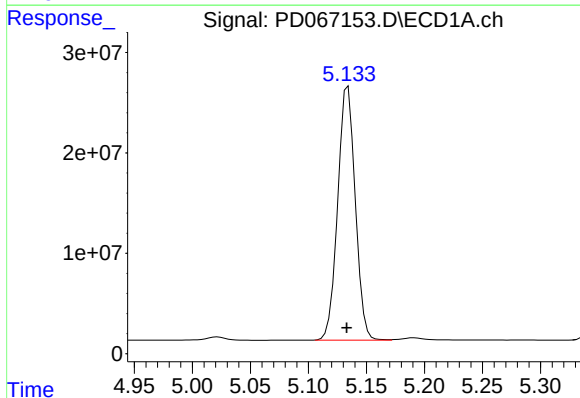
R.T.: 4.605 min  
Delta R.T.: 0.001 min  
Response: 229135605  
Conc: 76.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



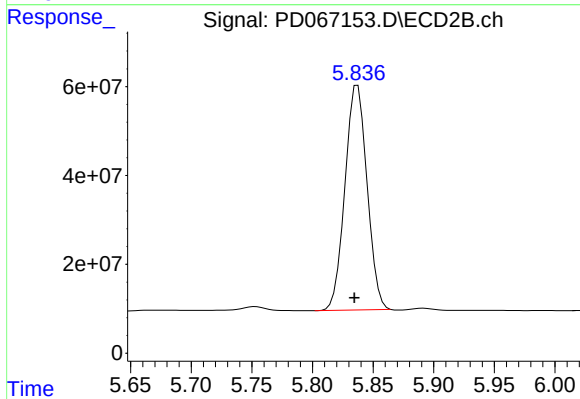
#7 delta-BHC

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 663861196  
Conc: 72.34 ng/ml



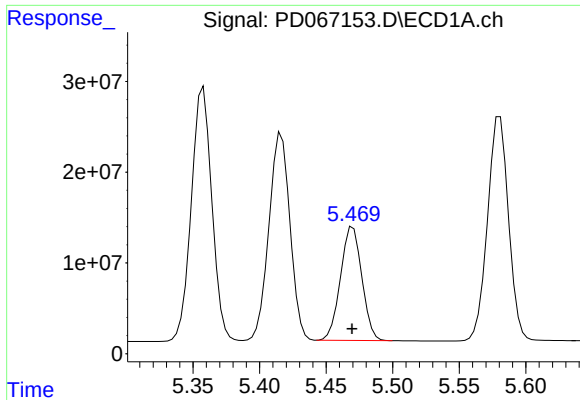
#8 Heptachlor epoxide

R.T.: 5.134 min  
Delta R.T.: 0.001 min  
Response: 266385310  
Conc: 92.48 ng/ml



#8 Heptachlor epoxide

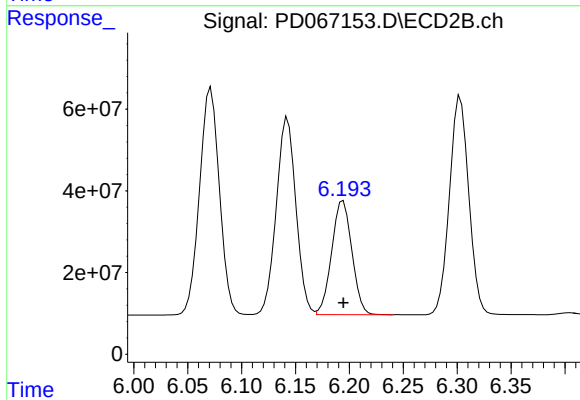
R.T.: 5.837 min  
Delta R.T.: 0.003 min  
Response: 640839123  
Conc: 91.40 ng/ml



#9 Endosulfan I

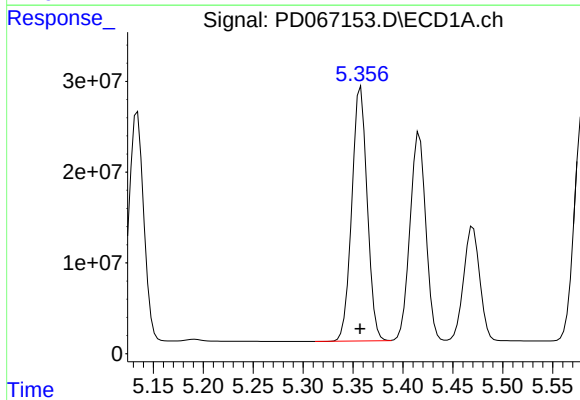
R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 139639400  
Conc: 53.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



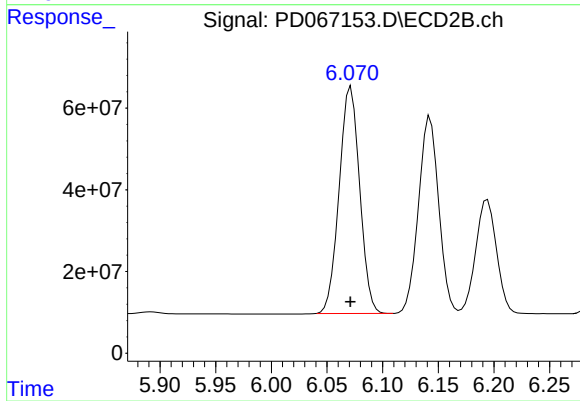
#9 Endosulfan I

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 363174839  
Conc: 52.20 ng/ml



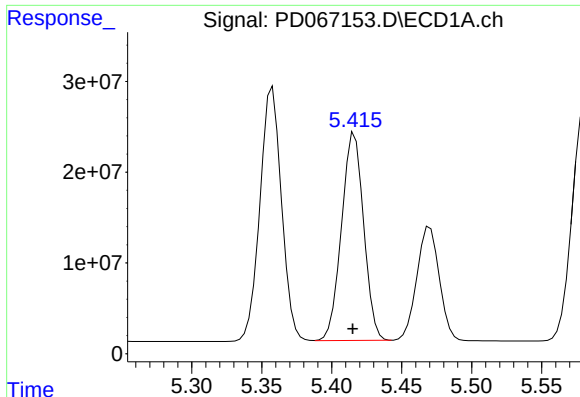
#10 gamma-Chlordane

R.T.: 5.358 min  
Delta R.T.: 0.000 min  
Response: 300043003  
Conc: 103.17 ng/ml



#10 gamma-Chlordane

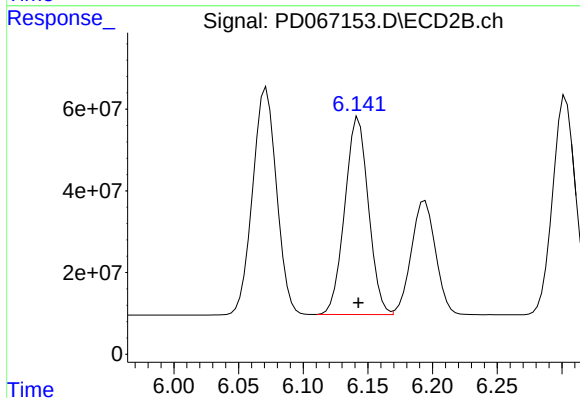
R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 712069073  
Conc: 96.75 ng/ml



#11 alpha-Chlordane

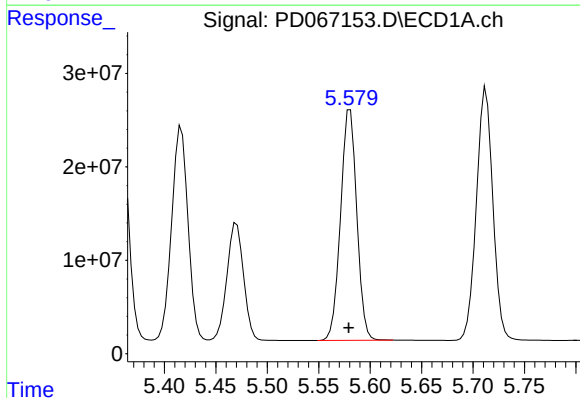
R.T.: 5.416 min  
Delta R.T.: 0.001 min  
Response: 252068359  
Conc: 88.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



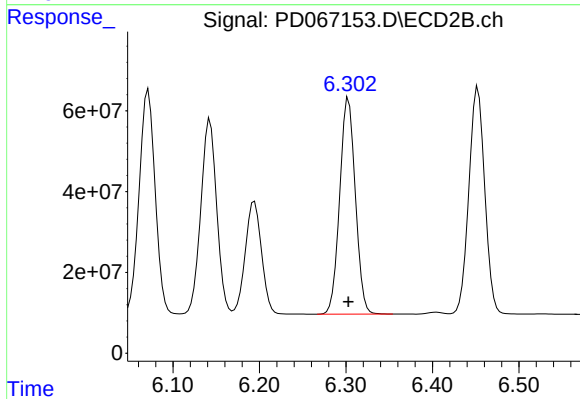
#11 alpha-Chlordane

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 612783763  
Conc: 84.13 ng/ml



#12 4,4'-DDE

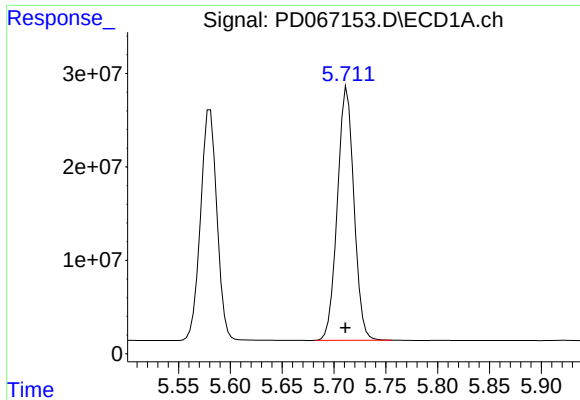
R.T.: 5.581 min  
Delta R.T.: 0.001 min  
Response: 271146977  
Conc: 101.04 ng/ml



#12 4,4'-DDE

R.T.: 6.303 min  
Delta R.T.: 0.000 min  
Response: 668725852  
Conc: 96.64 ng/ml

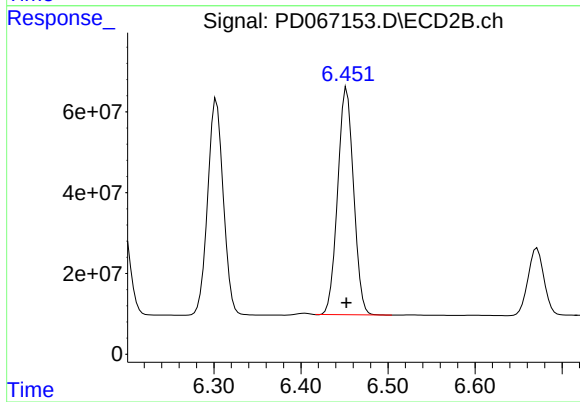




#13 Dieldrin

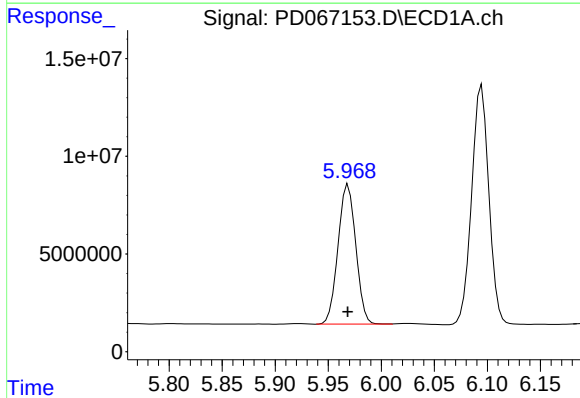
R.T.: 5.713 min  
Delta R.T.: 0.002 min  
Response: 301438518  
Conc: 107.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



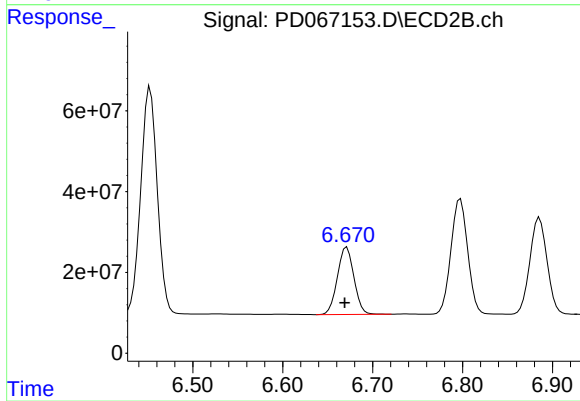
#13 Dieldrin

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 714482954  
Conc: 97.43 ng/ml



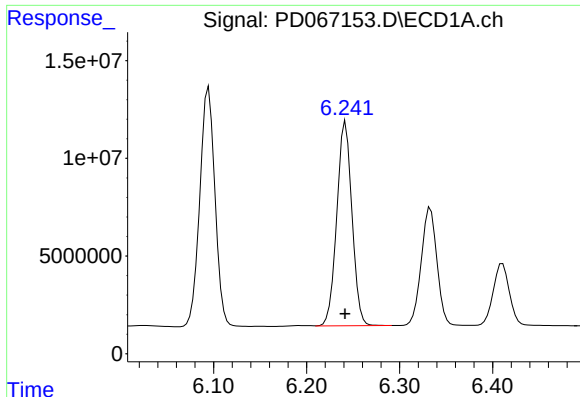
#14 Endrin

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 83283653  
Conc: 36.48 ng/ml



#14 Endrin

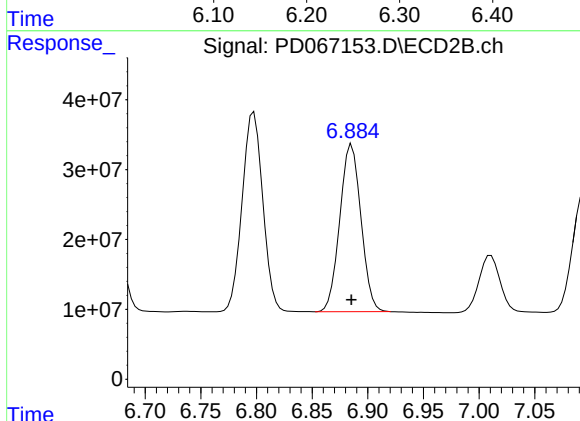
R.T.: 6.671 min  
Delta R.T.: 0.003 min  
Response: 213678664  
Conc: 38.06 ng/ml



#15 Endosulfan II

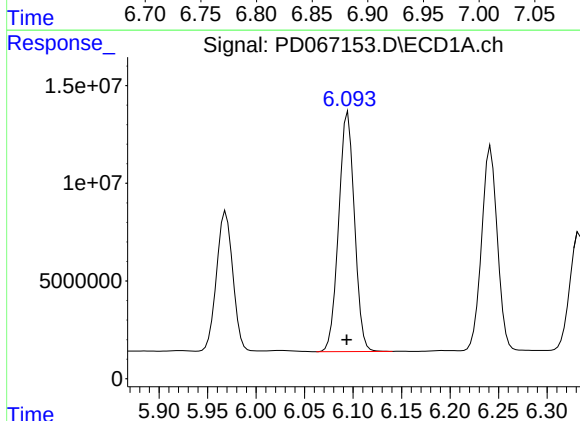
R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 118430968  
Conc: 52.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



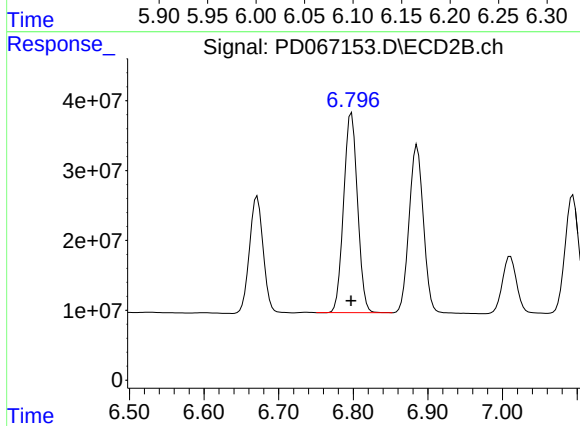
#15 Endosulfan II

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 317109670  
Conc: 52.83 ng/ml



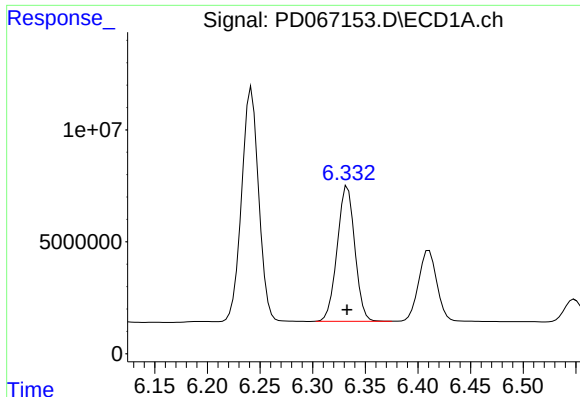
#16 4,4'-DDD

R.T.: 6.095 min  
Delta R.T.: 0.001 min  
Response: 138725706  
Conc: 66.01 ng/ml



#16 4,4'-DDD

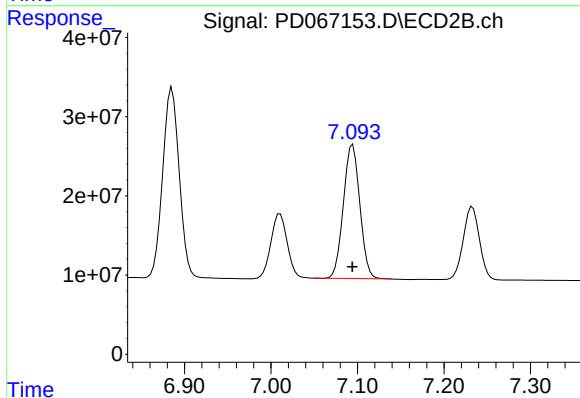
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 369453989  
Conc: 63.17 ng/ml



#17 4,4'-DDT

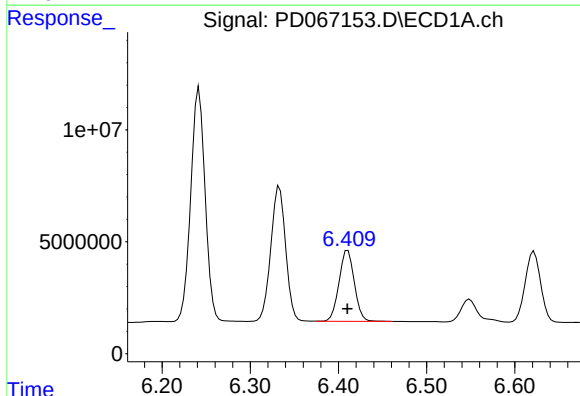
R.T.: 6.333 min  
Delta R.T.: 0.000 min  
Response: 70585852  
Conc: 33.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



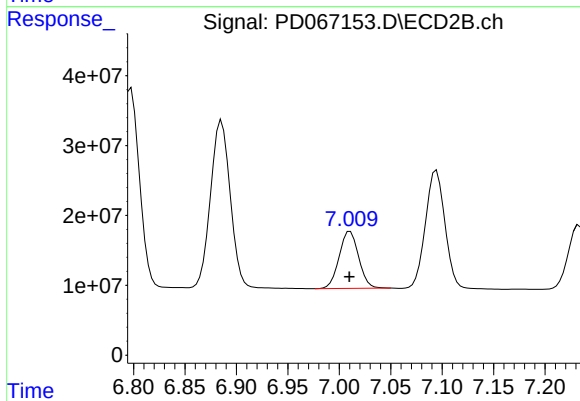
#17 4,4'-DDT

R.T.: 7.095 min  
Delta R.T.: 0.000 min  
Response: 222133652  
Conc: 37.22 ng/ml



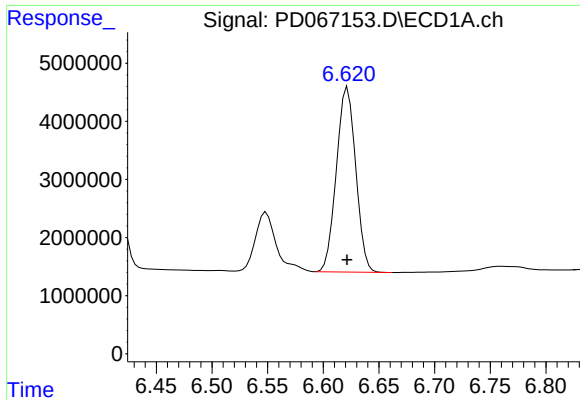
#18 Endrin aldehyde

R.T.: 6.411 min  
Delta R.T.: 0.000 min  
Response: 38280686  
Conc: 22.89 ng/ml



#18 Endrin aldehyde

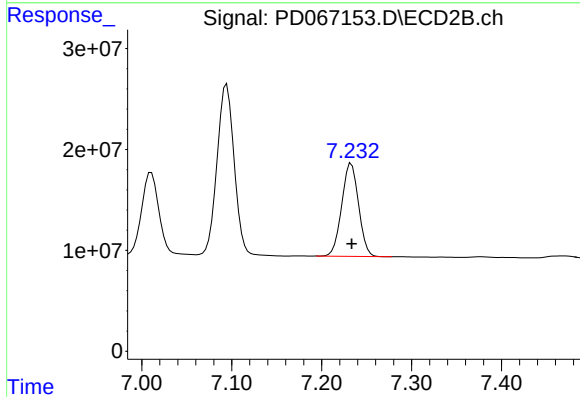
R.T.: 7.011 min  
Delta R.T.: 0.000 min  
Response: 108012545  
Conc: 23.03 ng/ml



#19 Endosulfan Sulfate

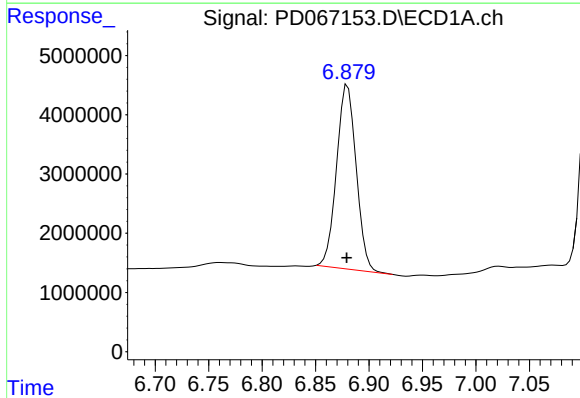
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 38428588  
Conc: 18.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



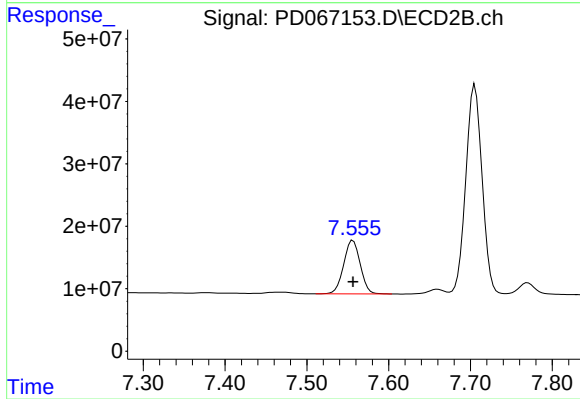
#19 Endosulfan Sulfate

R.T.: 7.233 min  
Delta R.T.: 0.000 min  
Response: 119820788  
Conc: 19.96 ng/ml



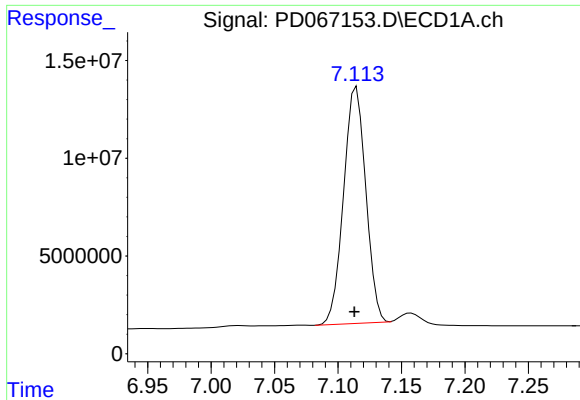
#20 Methoxychlor

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 39656813  
Conc: 35.75 ng/ml



#20 Methoxychlor

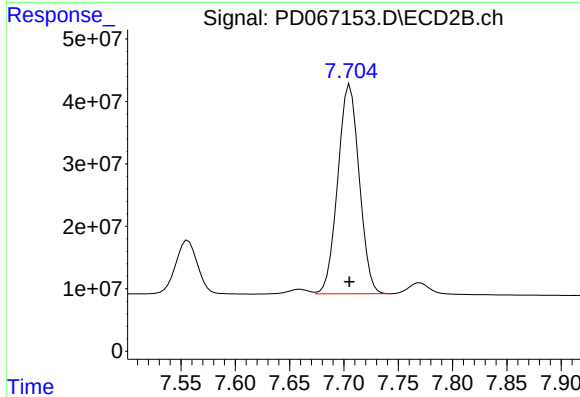
R.T.: 7.556 min  
Delta R.T.: 0.000 min  
Response: 119749198  
Conc: 37.18 ng/ml



#21 Endrin ketone

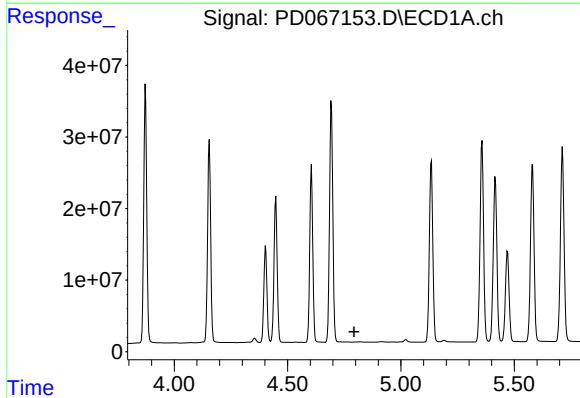
R.T.: 7.115 min  
Delta R.T.: 0.002 min  
Response: 147182584  
Conc: 64.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



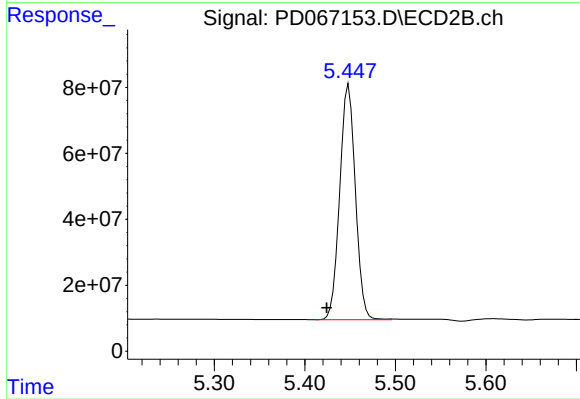
#21 Endrin ketone

R.T.: 7.706 min  
Delta R.T.: 0.000 min  
Response: 460703193  
Conc: 63.70 ng/ml



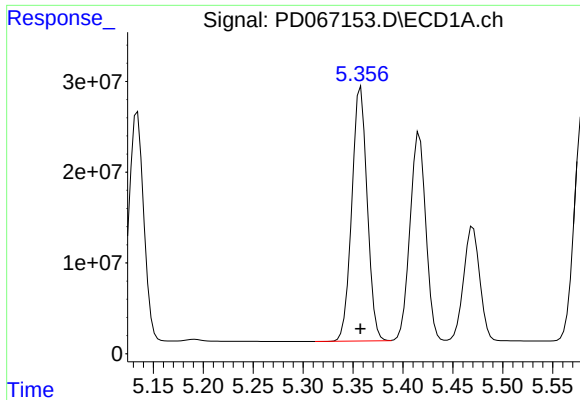
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.794 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

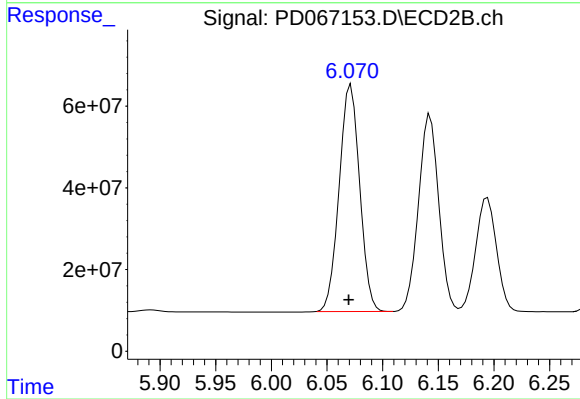
R.T.: 5.448 min  
Delta R.T.: 0.024 min  
Response: 855570914  
Conc: 3207.35 ng/ml



#25 Chlordane-3

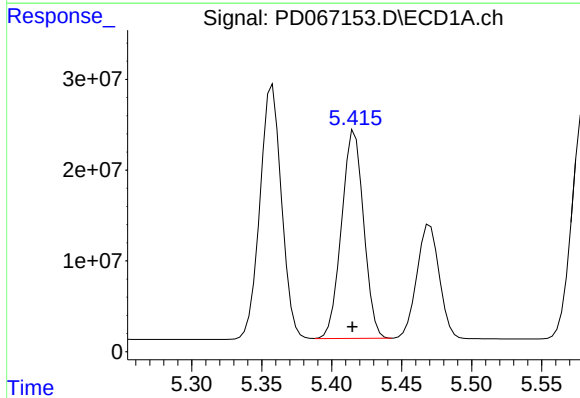
R.T.: 5.358 min  
Delta R.T.: 0.000 min  
Response: 300043003  
Conc: 1090.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



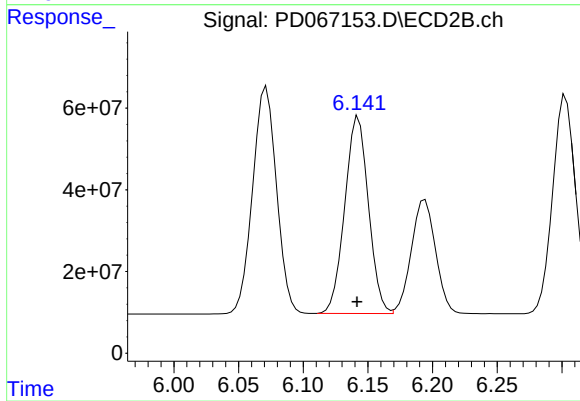
#25 Chlordane-3

R.T.: 6.072 min  
Delta R.T.: 0.002 min  
Response: 712069073  
Conc: 745.43 ng/ml



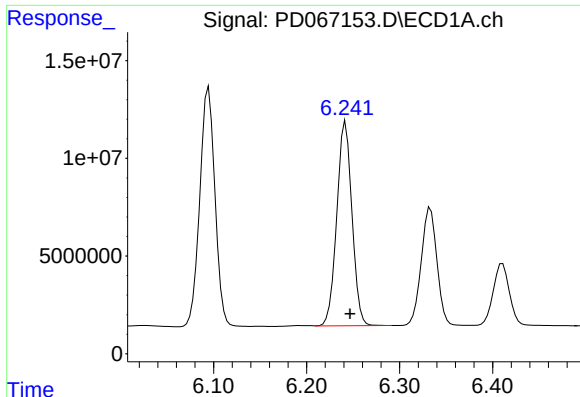
#26 Chlordane-4

R.T.: 5.416 min  
Delta R.T.: 0.002 min  
Response: 252068359  
Conc: 1104.29 ng/ml



#26 Chlordane-4

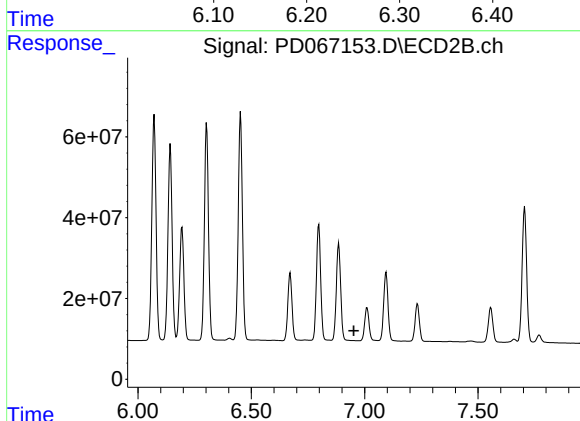
R.T.: 6.143 min  
Delta R.T.: 0.001 min  
Response: 612783763  
Conc: 551.23 ng/ml



#27 Chlordane-5

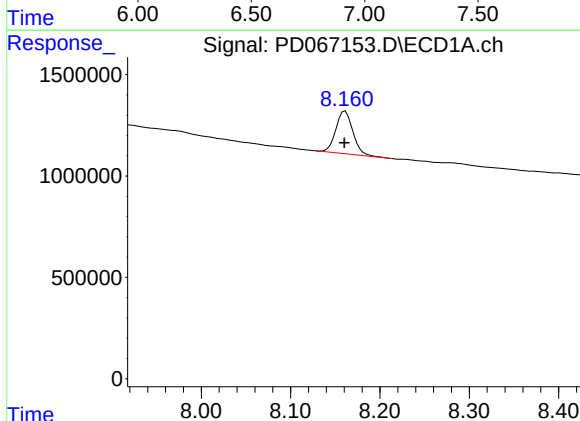
R.T.: 6.242 min  
Delta R.T.: -0.005 min  
Response: 118430968  
Conc: 1303.34 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



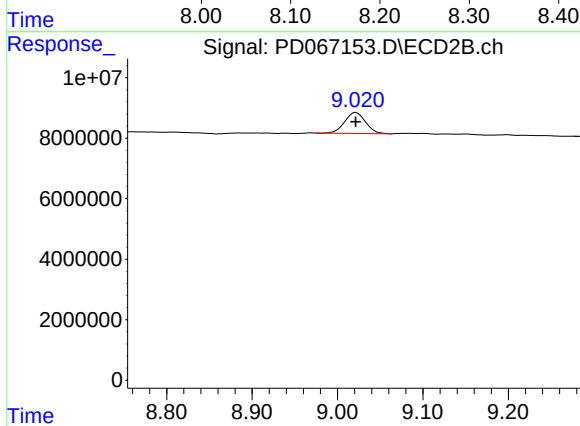
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.952 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.161 min  
Delta R.T.: 0.000 min  
Response: 2751319  
Conc: 2.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min  
Delta R.T.: 0.000 min  
Response: 11709747  
Conc: 2.33 ng/ml