

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010722\  
 Data File : PD067648.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2022 17:32  
 Operator : AR\AJ  
 Sample : N1071-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 06:16:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|-----------|-----------|----------|------------|
| -----                       |                 |        |        |           |           |          |            |
| System Monitoring Compounds |                 |        |        |           |           |          |            |
| 1)                          | SA Tetrachlo... | 3.431  | 3.961  | 36182578  | 137.9E6   | 19.911   | 20.904     |
| 28)                         | SA Decachlor... | 8.150  | 9.012  | 15025425  | 78939064  | 16.915   | 16.610     |
| Target Compounds            |                 |        |        |           |           |          |            |
| 2)                          | A alpha-BHC     | 3.861  | 0.000  | 195990    | 0         | 0.068    | N.D. #     |
| 3)                          | MA gamma-BHC... | 4.153  | 4.618f | 987257    | 10367071  | 0.371    | 1.230 #    |
| 4)                          | MA Heptachlor   | 4.440  | 5.137  | 872245    | 2116076   | 0.321    | 0.276      |
| 5)                          | MB Aldrin       | 4.691  | 5.471f | 446733    | 2449417   | 0.161    | 0.330 #    |
| 6)                          | B beta-BHC      | 4.405  | 4.808  | 86608     | 3543243   | 0.079    | 0.909 #    |
| 7)                          | B delta-BHC     | 4.605  | 5.026  | 258534    | 2560506   | 0.100    | 0.342 #    |
| 8)                          | B Heptachlo...  | 5.125  | 5.820  | 2421446   | 24903959  | 0.983    | 4.666 #    |
| 9)                          | A Endosulfan I  | 5.455  | 6.191  | 15745938  | 1579077   | 7.077    | 0.261 #    |
| 10)                         | B gamma-Chl...  | 5.370f | 6.063  | 152.1E6   | 115.6E6   | 61.531   | 17.817 #   |
| 11)                         | B alpha-Chl...  | 5.407  | 6.136  | 53464354  | 421.2E6   | 22.112   | 64.979 #   |
| 12)                         | B 4,4'-DDE      | 5.571  | 6.295  | 89693902  | 205.7E6   | 40.515   | 33.402     |
| 13)                         | MA Dieldrin     | 5.698  | 6.469f | 3273838   | -1422481  | 1.356    | N.D. #     |
| 14)                         | MA Endrin       | 5.959  | 6.657  | 129.5E6   | 177955    | 61.649   | 0.032 #    |
| 15)                         | B Endosulfa...  | 6.241  | 6.873  | 8841445   | 153.5E6   | 4.409    | 25.828 #   |
| 16)                         | A 4,4'-DDD      | 6.085  | 6.790  | 463.9E6   | 1063.0E6  | 269.995  | 212.349    |
| 17)                         | MA 4,4'-DDT     | 6.326  | 7.089  | 15962.6E6 | 34956.2E6 | 9768.920 | 6532.716 # |
| 18)                         | B Endrin al...  | 0.000  | 6.987f | 0         | 14192364  | N.D.     | 3.146 #    |
| 20)                         | A Methoxychlor  | 6.850f | 7.583f | -580025   | 5779551   | N.D.     | 1.992      |
| 21)                         | B Endrin ke...  | 7.125f | 7.723f | 841866    | 268741    | 0.492    | 0.043 #    |
| 22)                         | Mirex           | 0.000  | 8.164  | 0         | 441303    | N.D.     | 0.102 #    |
| 23)                         | Chlordane-1     | 4.291  | 4.949  | 1470212   | 6036251   | 18.618   | 22.605     |
| 24)                         | Chlordane-2     | 4.791  | 5.417  | 1484588   | 4202953   | 16.431   | 15.318     |
| 25)                         | Chlordane-3     | 5.370f | 6.063  | 152.1E6   | 115.6E6   | 570.524  | 119.996 #  |
| 26)                         | Chlordane-4     | 5.407  | 6.136  | 53464354  | 421.2E6   | 242.965  | 368.944 #  |
| 27)                         | Chlordane-5     | 6.241  | 6.945  | 8841445   | 14398169  | 102.129  | 65.242 #   |
| -----                       |                 |        |        |           |           |          |            |

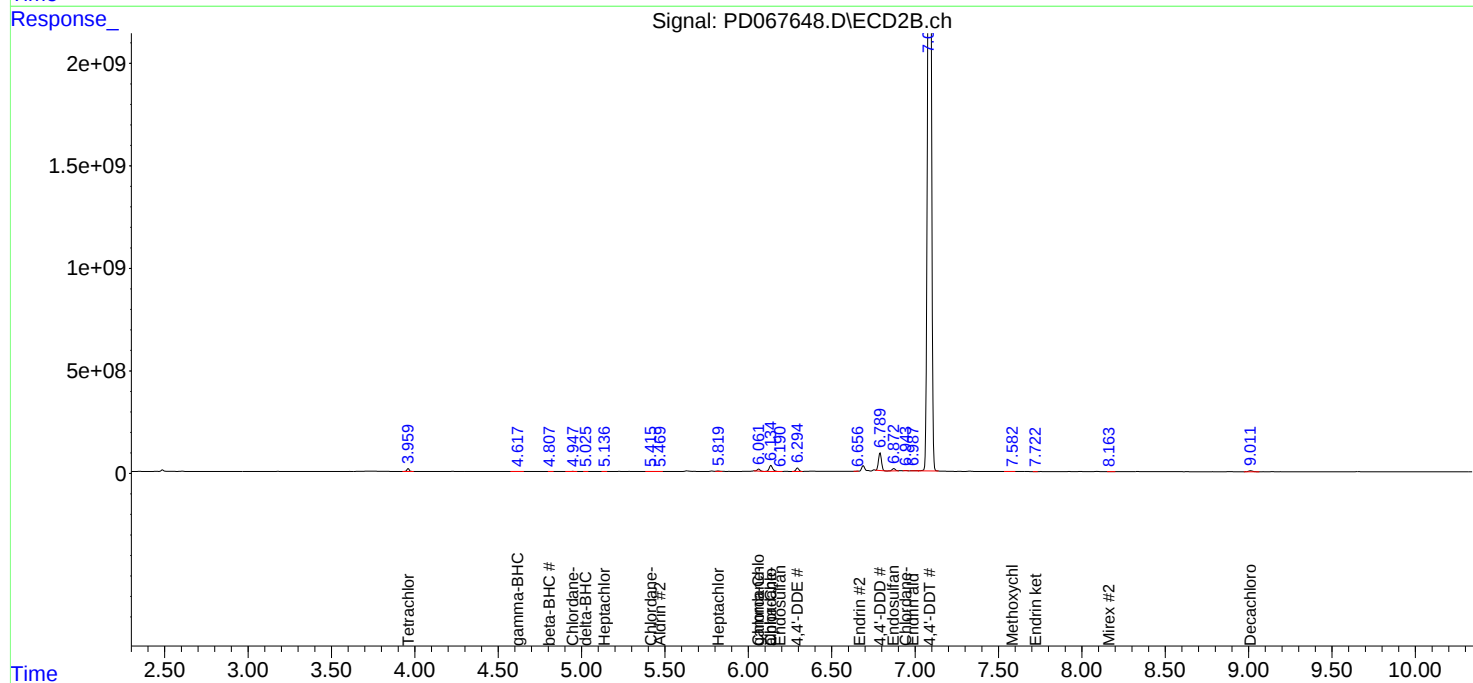
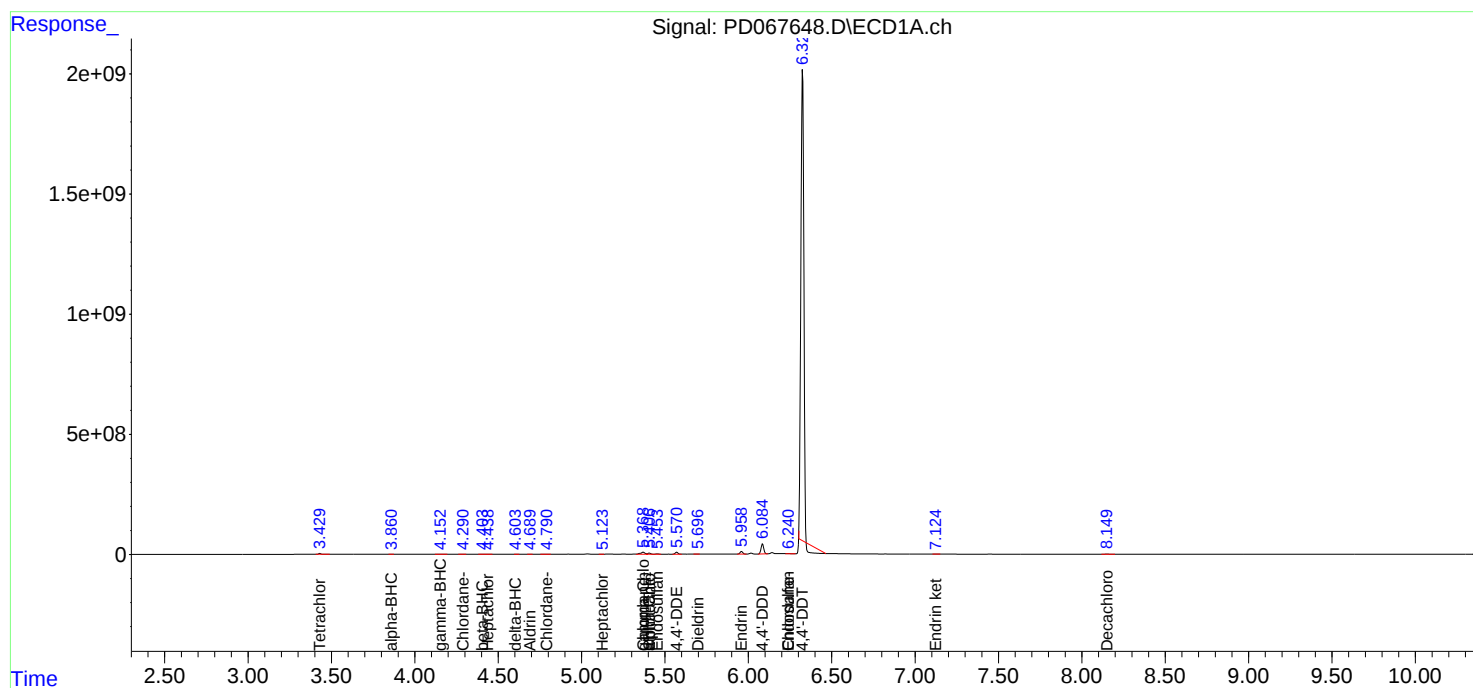
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

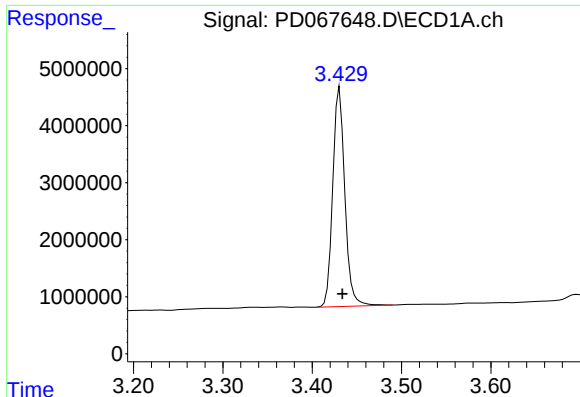
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010722\  
 Data File : PD067648.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2022 17:32  
 Operator : AR\AJ  
 Sample : N1071-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 06:16:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

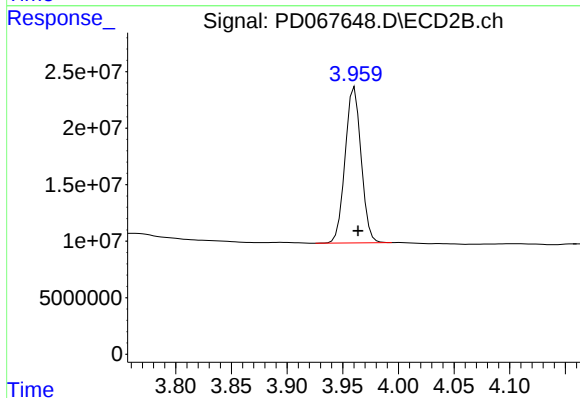




#1 Tetrachloro-m-xylene

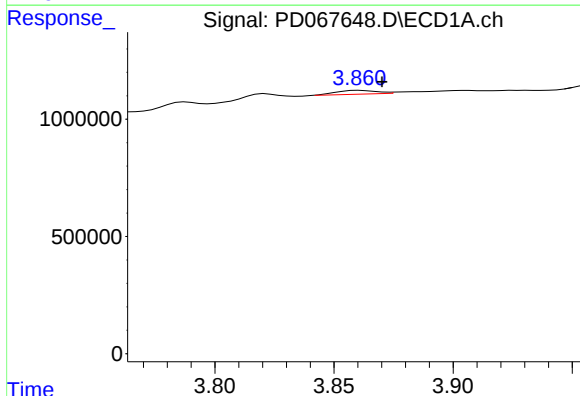
R.T.: 3.431 min  
Delta R.T.: -0.003 min  
Response: 36182578  
Conc: 19.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



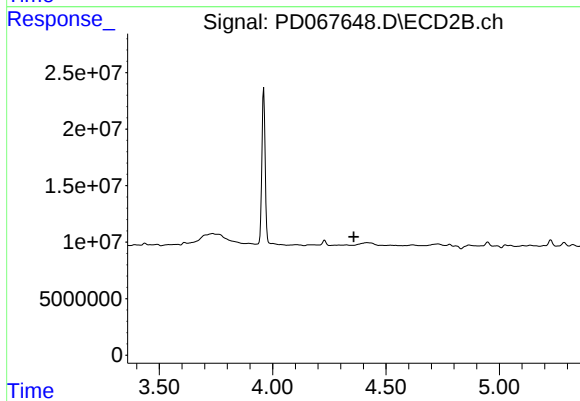
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.003 min  
Response: 137928410  
Conc: 20.90 ng/ml



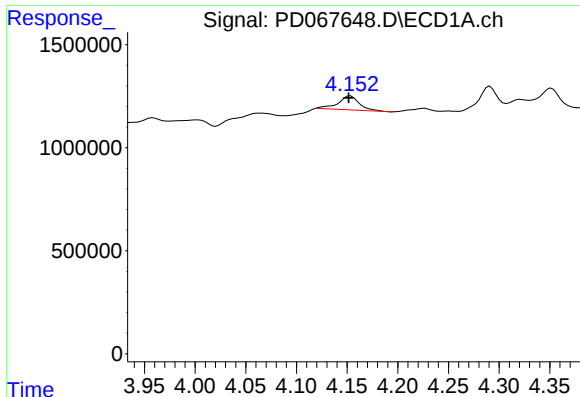
#2 alpha-BHC

R.T.: 3.861 min  
Delta R.T.: -0.009 min  
Response: 195990  
Conc: 0.07 ng/ml



#2 alpha-BHC

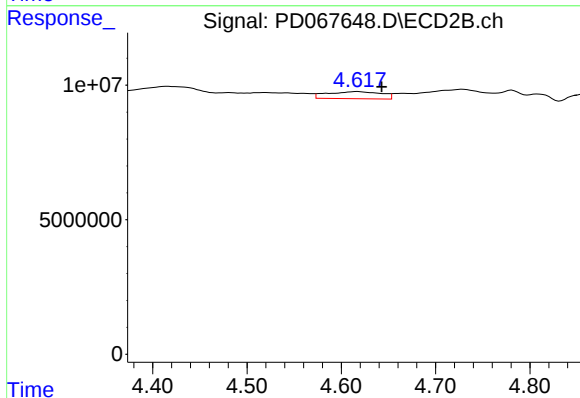
R.T.: 0.000 min  
Exp R.T. : 4.358 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

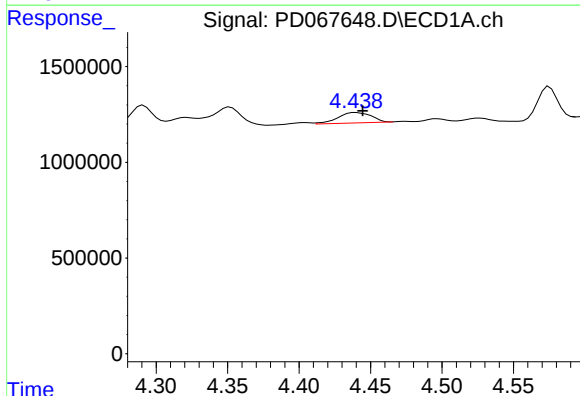
R.T.: 4.153 min  
Delta R.T.: 0.002 min  
Response: 987257  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



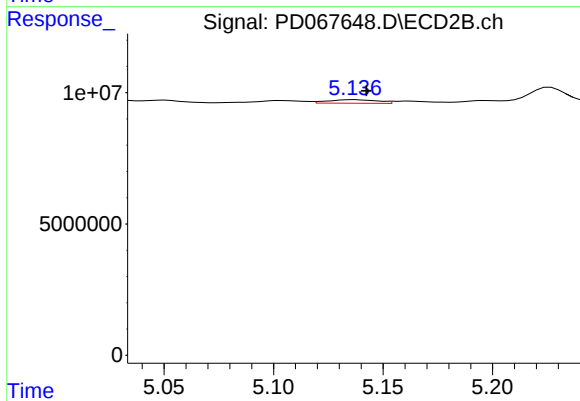
#3 gamma-BHC (Lindane)

R.T.: 4.618 min  
Delta R.T.: -0.025 min  
Response: 10367071  
Conc: 1.23 ng/ml



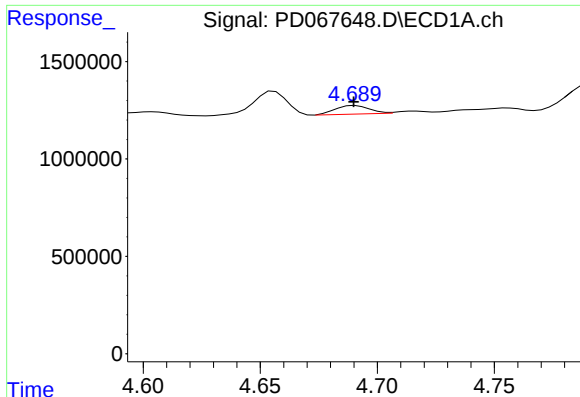
#4 Heptachlor

R.T.: 4.440 min  
Delta R.T.: -0.005 min  
Response: 872245  
Conc: 0.32 ng/ml



#4 Heptachlor

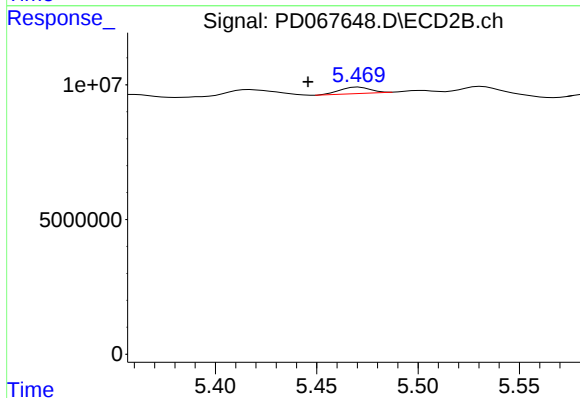
R.T.: 5.137 min  
Delta R.T.: -0.005 min  
Response: 2116076  
Conc: 0.28 ng/ml



#5 Aldrin

R.T.: 4.691 min  
Delta R.T.: 0.000 min  
Response: 446733  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#5 Aldrin

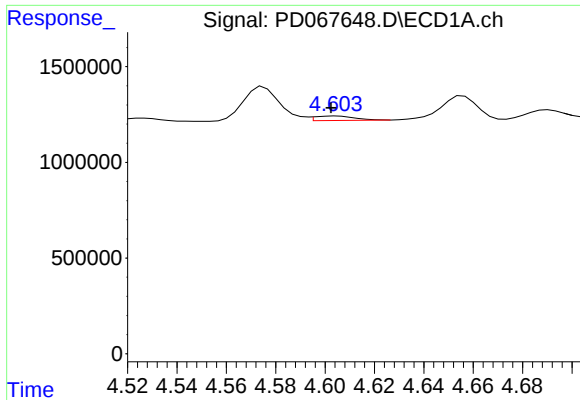
R.T.: 5.471 min  
Delta R.T.: 0.025 min  
Response: 2449417  
Conc: 0.33 ng/ml

#6 beta-BHC

R.T.: 4.405 min  
Delta R.T.: 0.004 min  
Response: 86608  
Conc: 0.08 ng/ml

#6 beta-BHC

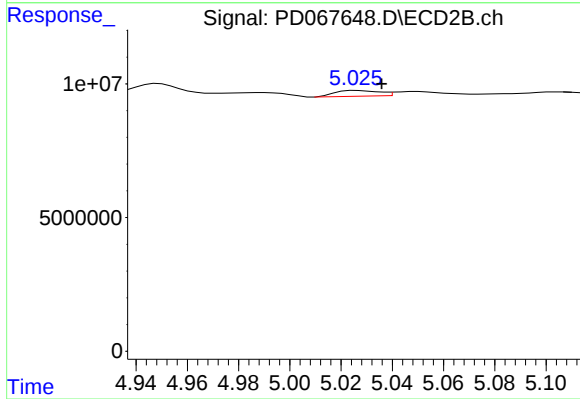
R.T.: 4.808 min  
Delta R.T.: -0.013 min  
Response: 3543243  
Conc: 0.91 ng/ml



#7 delta-BHC

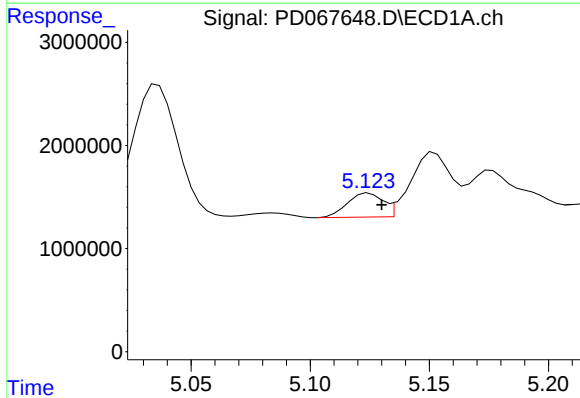
R.T.: 4.605 min  
Delta R.T.: 0.002 min  
Response: 258534  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



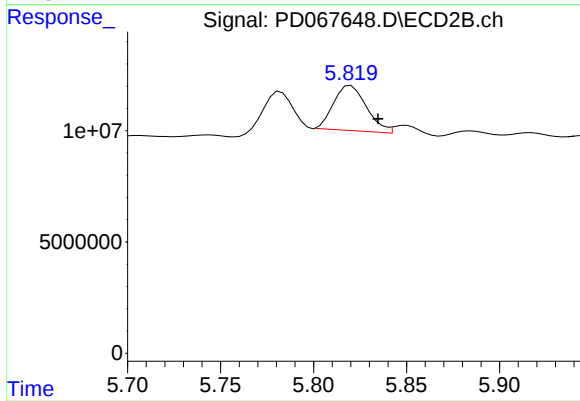
#7 delta-BHC

R.T.: 5.026 min  
Delta R.T.: -0.010 min  
Response: 2560506  
Conc: 0.34 ng/ml



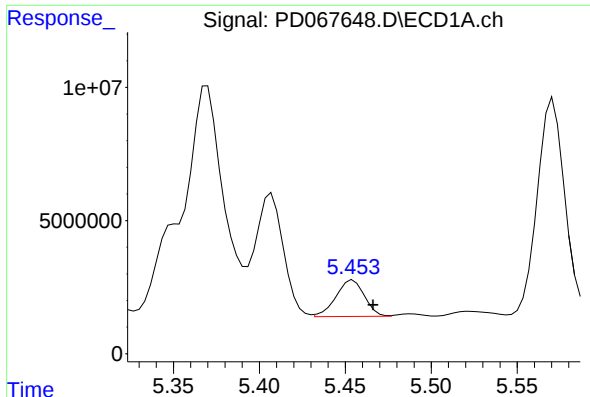
#8 Heptachlor epoxide

R.T.: 5.125 min  
Delta R.T.: -0.005 min  
Response: 2421446  
Conc: 0.98 ng/ml



#8 Heptachlor epoxide

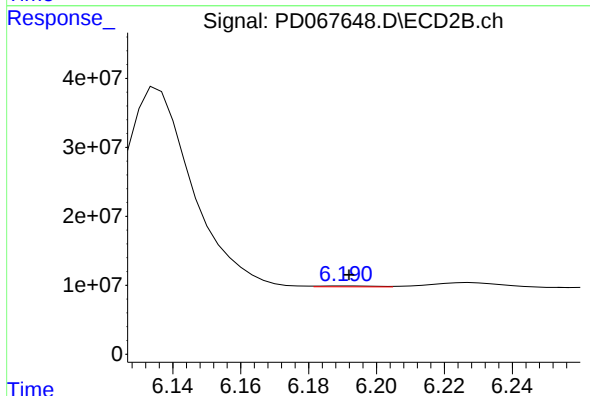
R.T.: 5.820 min  
Delta R.T.: -0.015 min  
Response: 24903959  
Conc: 4.67 ng/ml



#9 Endosulfan I

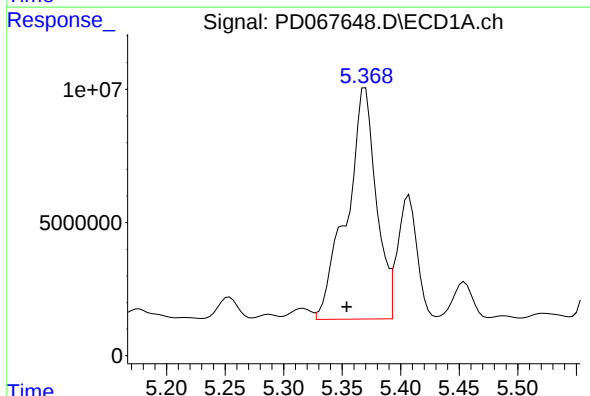
R.T.: 5.455 min  
Delta R.T.: -0.012 min  
Response: 15745938  
Conc: 7.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



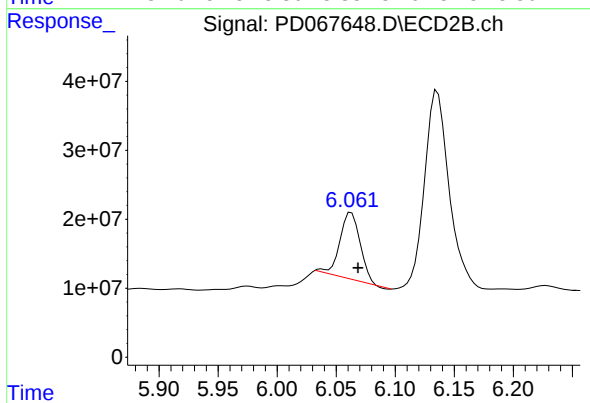
#9 Endosulfan I

R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 1579077  
Conc: 0.26 ng/ml



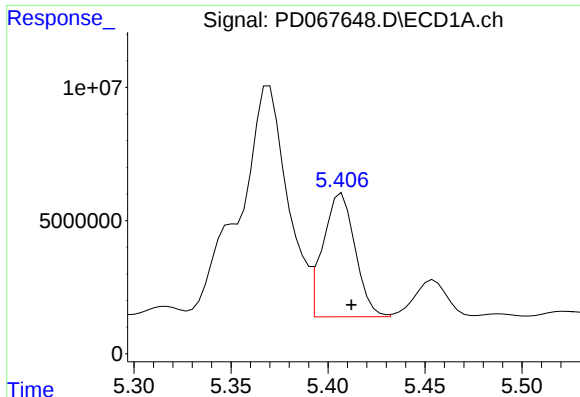
#10 gamma-Chlordane

R.T.: 5.370 min  
Delta R.T.: 0.016 min  
Response: 152120025  
Conc: 61.53 ng/ml



#10 gamma-Chlordane

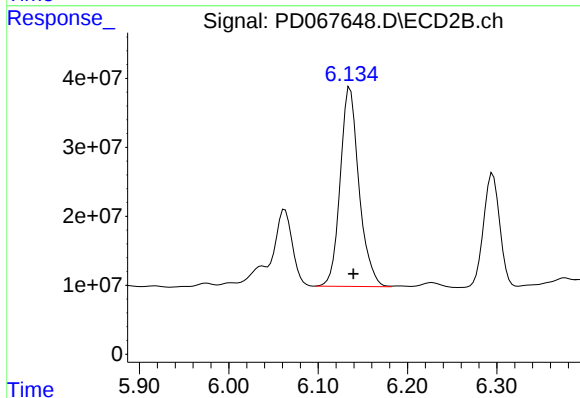
R.T.: 6.063 min  
Delta R.T.: -0.006 min  
Response: 115580745  
Conc: 17.82 ng/ml



#11 alpha-Chlordane

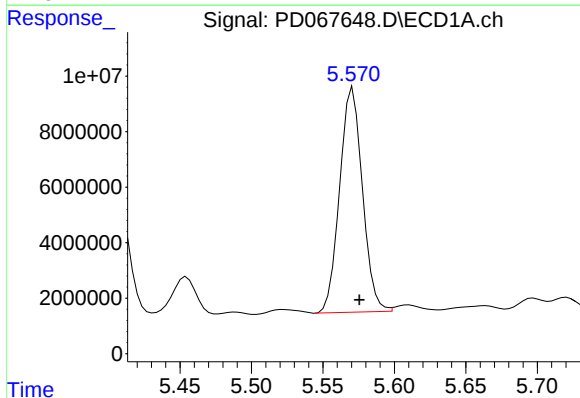
R.T.: 5.407 min  
Delta R.T.: -0.005 min  
Response: 53464354  
Conc: 22.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



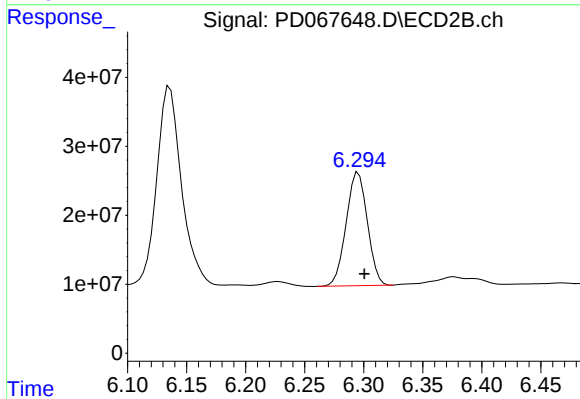
#11 alpha-Chlordane

R.T.: 6.136 min  
Delta R.T.: -0.004 min  
Response: 421221739  
Conc: 64.98 ng/ml



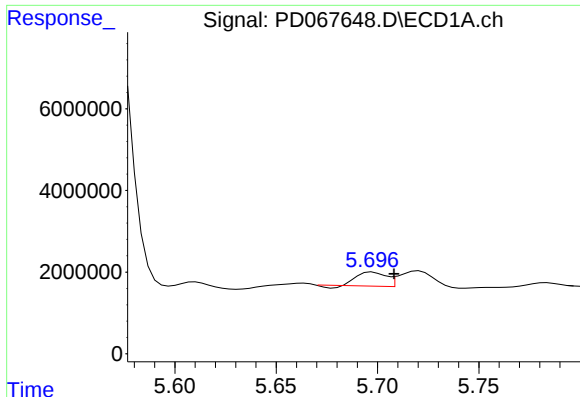
#12 4,4'-DDE

R.T.: 5.571 min  
Delta R.T.: -0.005 min  
Response: 89693902  
Conc: 40.51 ng/ml



#12 4,4'-DDE

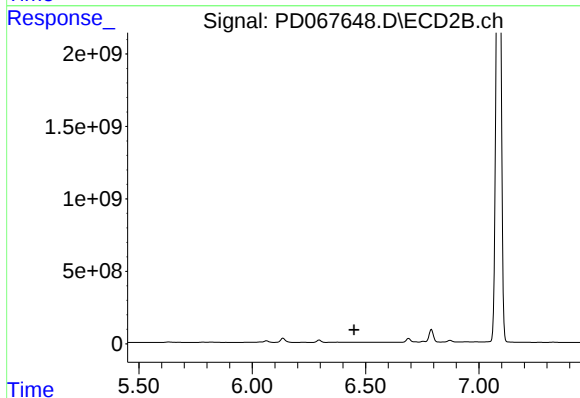
R.T.: 6.295 min  
Delta R.T.: -0.005 min  
Response: 205739848  
Conc: 33.40 ng/ml



#13 Dieldrin

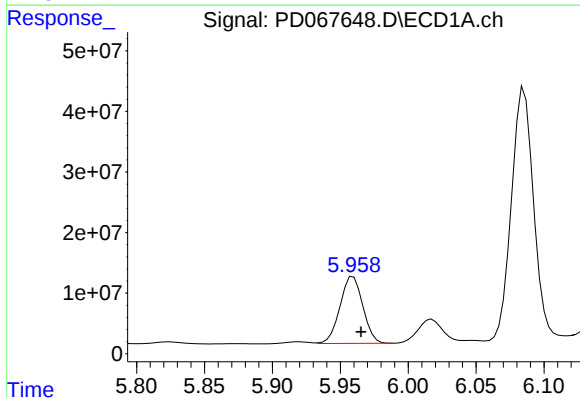
R.T.: 5.698 min  
Delta R.T.: -0.011 min  
Response: 3273838  
Conc: 1.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



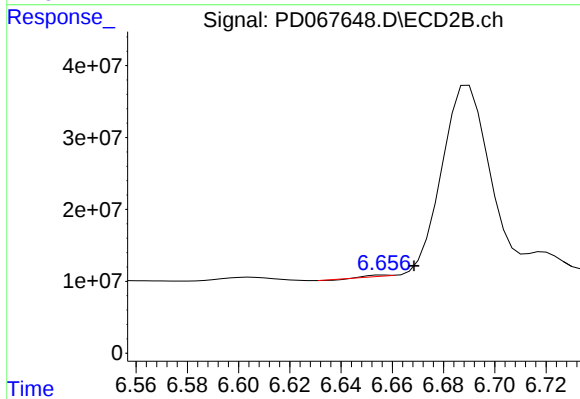
#13 Dieldrin

R.T.: 6.469 min  
Delta R.T.: 0.019 min  
Response: -1422481  
Conc: N.D.



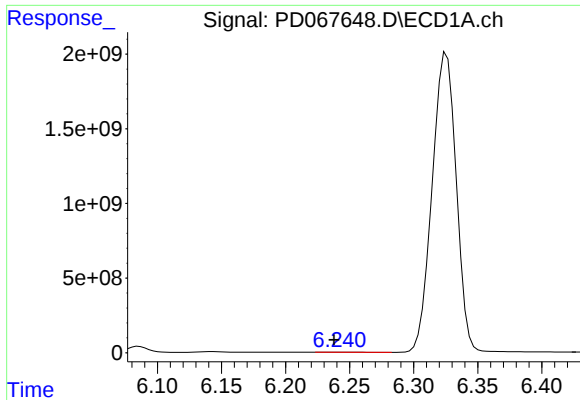
#14 Endrin

R.T.: 5.959 min  
Delta R.T.: -0.006 min  
Response: 129502788  
Conc: 61.65 ng/ml



#14 Endrin

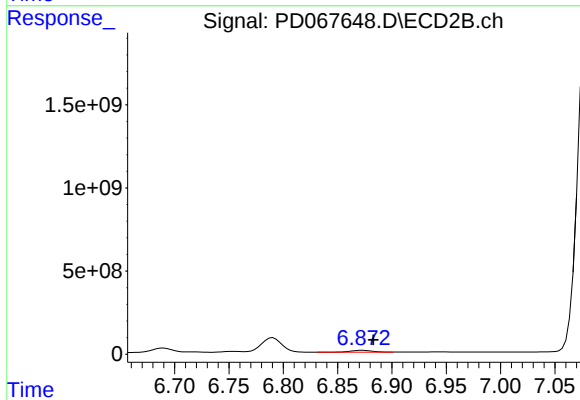
R.T.: 6.657 min  
Delta R.T.: -0.011 min  
Response: 177955  
Conc: 0.03 ng/ml



#15 Endosulfan II

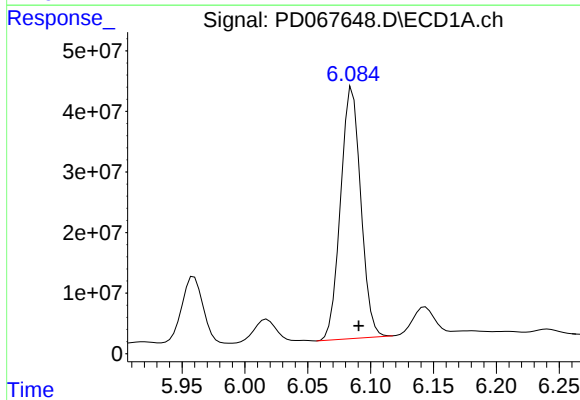
R.T.: 6.241 min  
Delta R.T.: 0.003 min  
Response: 8841445  
Conc: 4.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



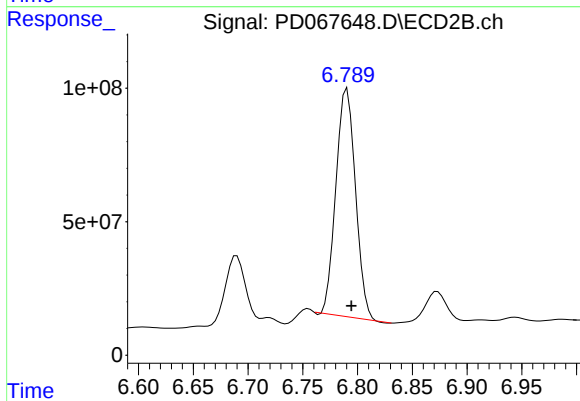
#15 Endosulfan II

R.T.: 6.873 min  
Delta R.T.: -0.010 min  
Response: 153510952  
Conc: 25.83 ng/ml



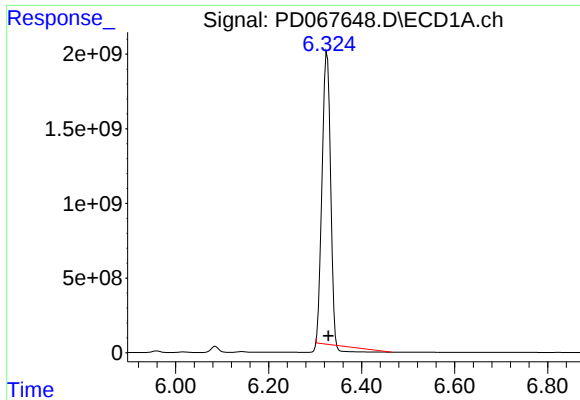
#16 4,4'-DDD

R.T.: 6.085 min  
Delta R.T.: -0.005 min  
Response: 463853698  
Conc: 270.00 ng/ml



#16 4,4'-DDD

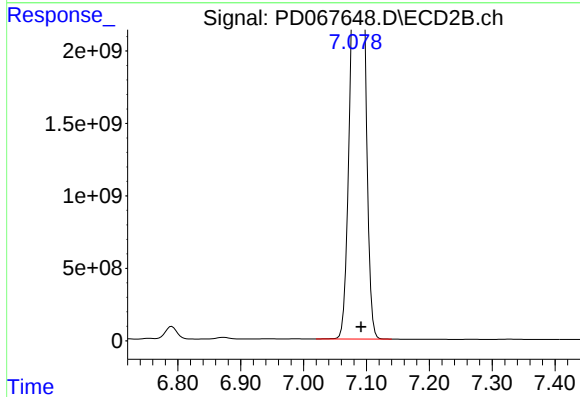
R.T.: 6.790 min  
Delta R.T.: -0.004 min  
Response: 1062986591  
Conc: 212.35 ng/ml



#17 4,4'-DDT

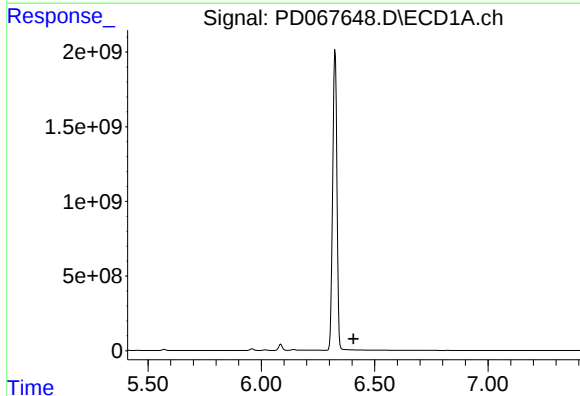
R.T.: 6.326 min  
Delta R.T.: -0.003 min  
Response: 15962552142  
Conc: 9768.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



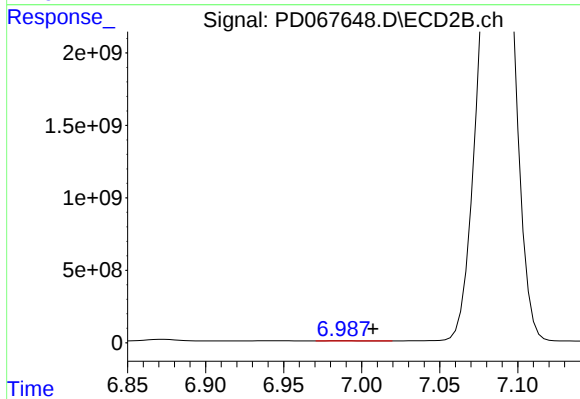
#17 4,4'-DDT

R.T.: 7.089 min  
Delta R.T.: -0.003 min  
Response: 34956175596  
Conc: 6532.72 ng/ml



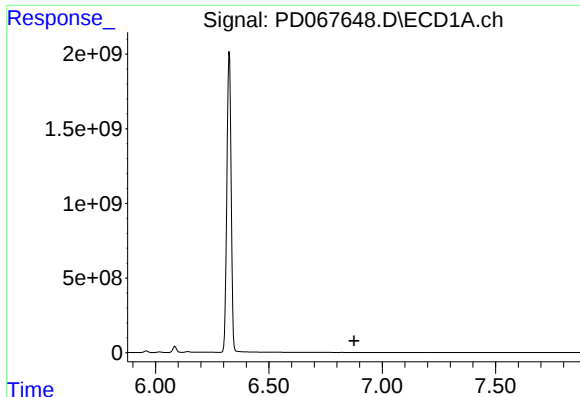
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.407 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

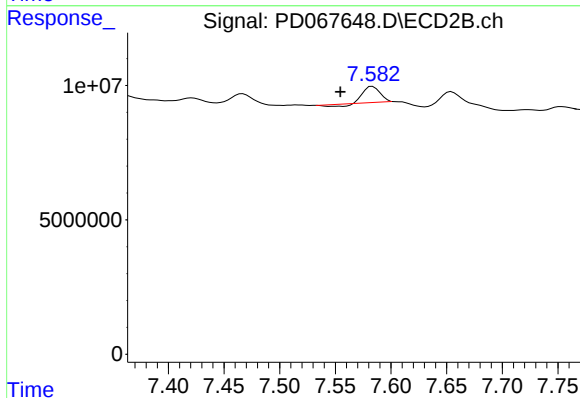
R.T.: 6.987 min  
Delta R.T.: -0.021 min  
Response: 14192364  
Conc: 3.15 ng/ml



#20 Methoxychlor

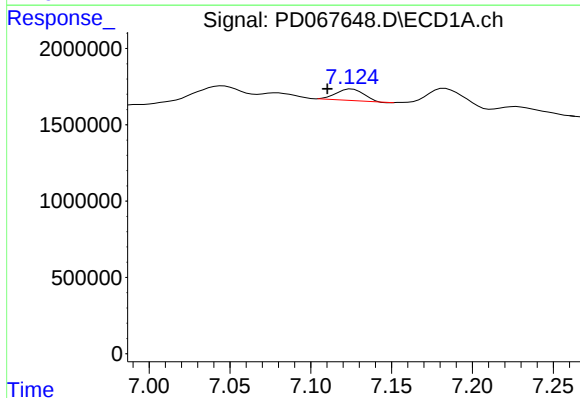
R.T.: 6.850 min  
Delta R.T.: -0.027 min  
Response: -580025  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



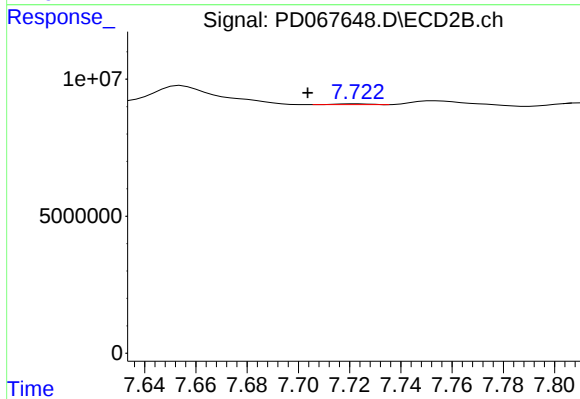
#20 Methoxychlor

R.T.: 7.583 min  
Delta R.T.: 0.029 min  
Response: 5779551  
Conc: 1.99 ng/ml



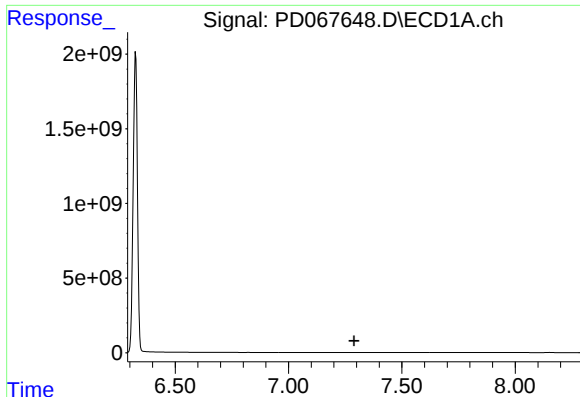
#21 Endrin ketone

R.T.: 7.125 min  
Delta R.T.: 0.015 min  
Response: 841866  
Conc: 0.49 ng/ml



#21 Endrin ketone

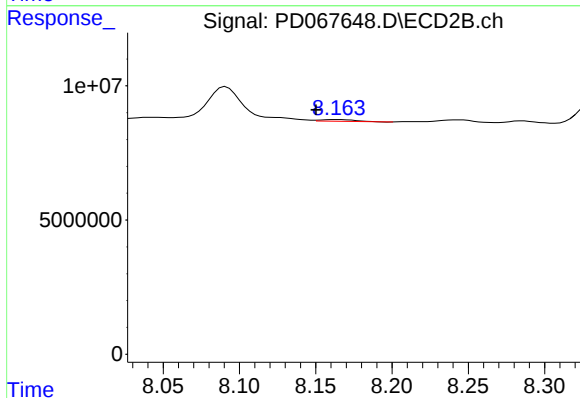
R.T.: 7.723 min  
Delta R.T.: 0.020 min  
Response: 268741  
Conc: 0.04 ng/ml



#22 Mirex

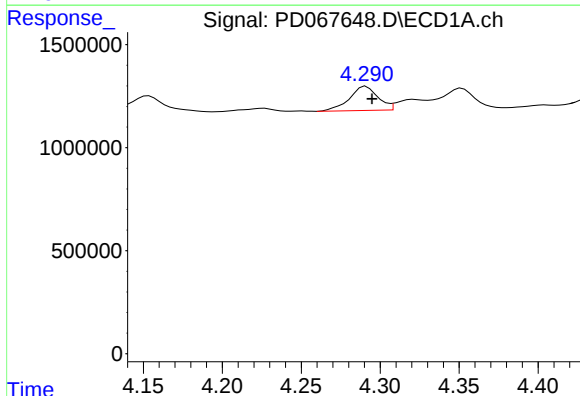
R.T.: 0.000 min  
Exp R.T.: 7.290 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



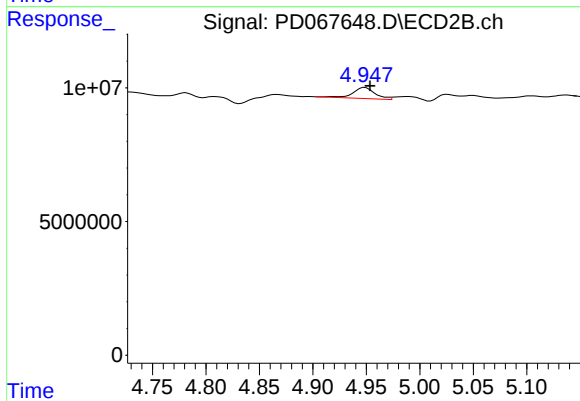
#22 Mirex

R.T.: 8.164 min  
Delta R.T.: 0.014 min  
Response: 441303  
Conc: 0.10 ng/ml



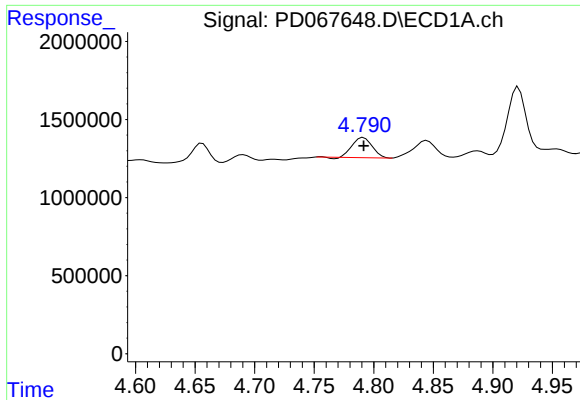
#23 Chlordane-1

R.T.: 4.291 min  
Delta R.T.: -0.004 min  
Response: 1470212  
Conc: 18.62 ng/ml



#23 Chlordane-1

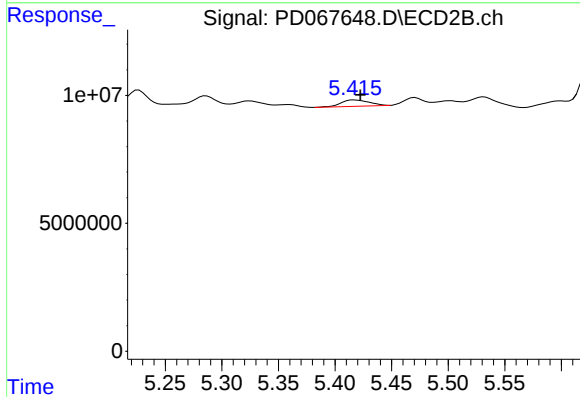
R.T.: 4.949 min  
Delta R.T.: -0.005 min  
Response: 6036251  
Conc: 22.60 ng/ml



#24 Chlordane-2

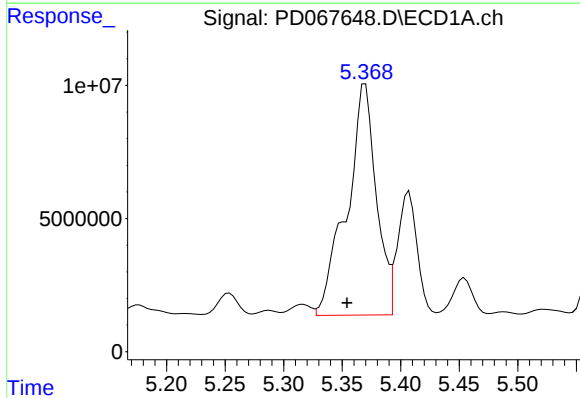
R.T.: 4.791 min  
Delta R.T.: 0.000 min  
Response: 1484588  
Conc: 16.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



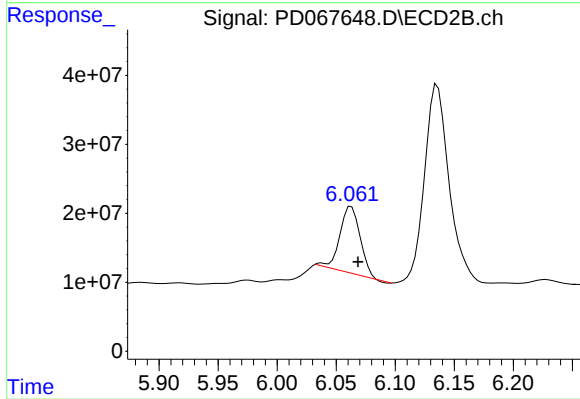
#24 Chlordane-2

R.T.: 5.417 min  
Delta R.T.: -0.005 min  
Response: 4202953  
Conc: 15.32 ng/ml



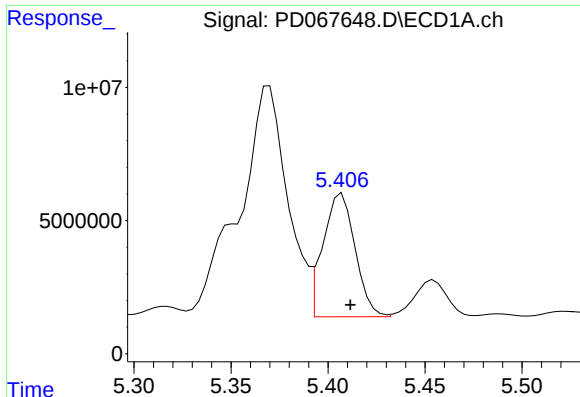
#25 Chlordane-3

R.T.: 5.370 min  
Delta R.T.: 0.015 min  
Response: 152120025  
Conc: 570.52 ng/ml



#25 Chlordane-3

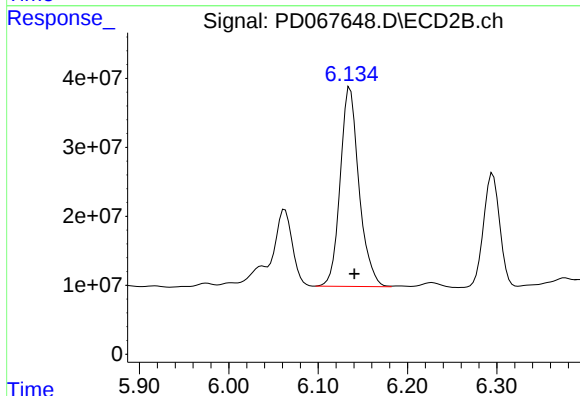
R.T.: 6.063 min  
Delta R.T.: -0.006 min  
Response: 115580745  
Conc: 120.00 ng/ml



#26 Chlordane-4

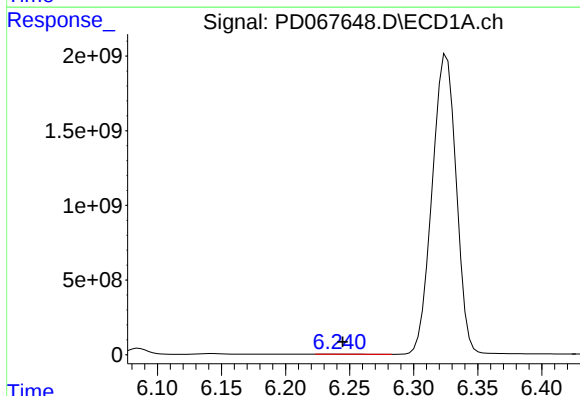
R.T.: 5.407 min  
Delta R.T.: -0.004 min  
Response: 53464354  
Conc: 242.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



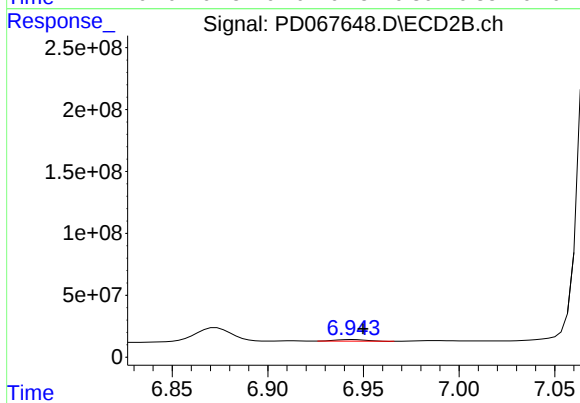
#26 Chlordane-4

R.T.: 6.136 min  
Delta R.T.: -0.005 min  
Response: 421221739  
Conc: 368.94 ng/ml



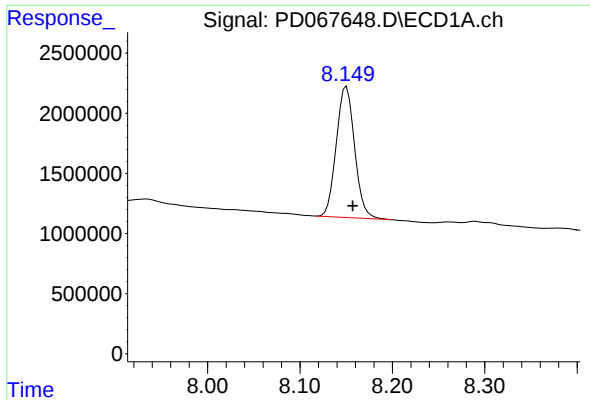
#27 Chlordane-5

R.T.: 6.241 min  
Delta R.T.: -0.004 min  
Response: 8841445  
Conc: 102.13 ng/ml



#27 Chlordane-5

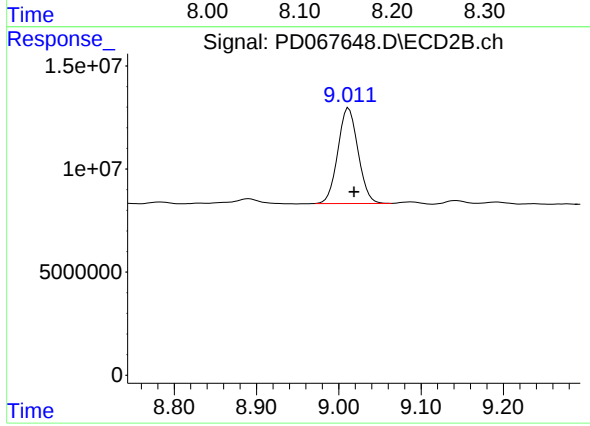
R.T.: 6.945 min  
Delta R.T.: -0.005 min  
Response: 14398169  
Conc: 65.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.150 min  
Delta R.T.: -0.007 min  
Response: 15025425  
Conc: 16.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.012 min  
Delta R.T.: -0.007 min  
Response: 78939064  
Conc: 16.61 ng/ml