

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030422\  
 Data File : PD068309.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2022 14:08  
 Operator : AR\AJ  
 Sample : PB143065BS  
 Misc : CH BS  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB143065BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 01:07:25 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 06:48:49 2022  
 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... | 3.449  | 4.176  | 27998012 | 209.6E6  | 23.884  | 21.835   |
| 2)                          | SA Decachlor... | 8.213  | 9.373  | 27585789 | 139.6E6  | 23.705  | 23.538   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.587  | 0        | 7854955  | N.D.    | 0.572 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.886f | 0        | 3457374  | N.D.    | 0.279 #  |
| 4)                          | MA Heptachlor   | 4.472  | 5.391  | 13114996 | 123.5E6  | 8.688   | 10.902 # |
| 5)                          | MB Aldrin       | 4.730  | 5.727f | 950215   | 2999840  | 0.607   | 0.254 #  |
| 7)                          | B delta-BHC     | 4.630  | 0.000  | 1244361  | 0        | 0.771   | N.D. #   |
| 8)                          | B Heptachlo...  | 0.000  | 6.073f | 0        | 69412824 | N.D.    | 6.476 #  |
| 9)                          | A Endosulfan I  | 5.486f | 6.443  | 2922290  | 3423866  | 2.143   | 0.355 #  |
| 10)                         | B gamma-Chl...  | 5.391  | 6.328  | 29582169 | 318.1E6  | 19.872  | 30.079 # |
| 11)                         | B alpha-Chl...  | 5.450  | 6.405  | 25754045 | 369.6E6  | 17.527  | 35.857 # |
| 12)                         | B 4,4'-DDE      | 5.617  | 6.556  | 6298     | 1262107  | 0.005   | 0.129 #  |
| 13)                         | MA Dieldrin     | 5.729f | 6.716  | 634375   | 12769218 | 0.431   | 1.239 #  |
| 14)                         | MA Endrin       | 6.008  | 6.962f | 2325605  | -5552856 | 1.883   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.288  | 7.150  | 11064650 | -109714  | 8.696   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.128  | 7.026f | 304595   | 56893594 | 0.257   | 7.229 #  |
| 19)                         | B Endosulfa...  | 6.666  | 7.489  | 460550   | 90149    | 0.365   | 0.012 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.804  | 0        | 382787   | N.D.    | 0.110 #  |
| 22)                         | Mirex           | 7.367f | 8.429  | 312805   | 724004   | 0.247   | 0.113 #  |
| 23)                         | Chlordane-1     | 4.320  | 5.199  | 9329355  | 95616787 | 213.857 | 236.095  |
| 24)                         | Chlordane-2     | 4.822  | 5.672  | 11894320 | 91804572 | 230.391 | 228.361  |
| 25)                         | Chlordane-3     | 5.391  | 6.328  | 29582169 | 318.1E6  | 206.772 | 223.651  |
| 26)                         | Chlordane-4     | 5.450  | 6.405  | 25754045 | 369.6E6  | 210.806 | 229.308  |
| 27)                         | Chlordane-5     | 6.288  | 0.000  | 11064650 | 0        | 224.633 | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

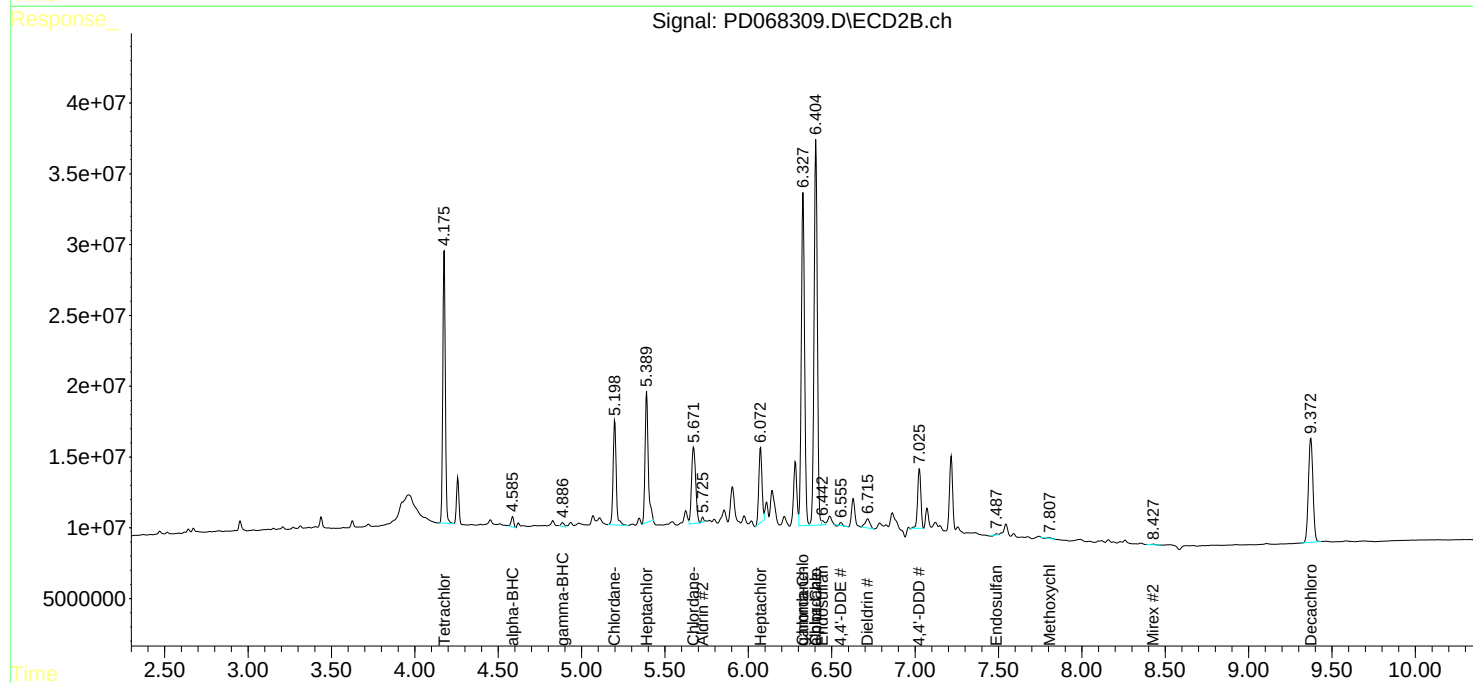
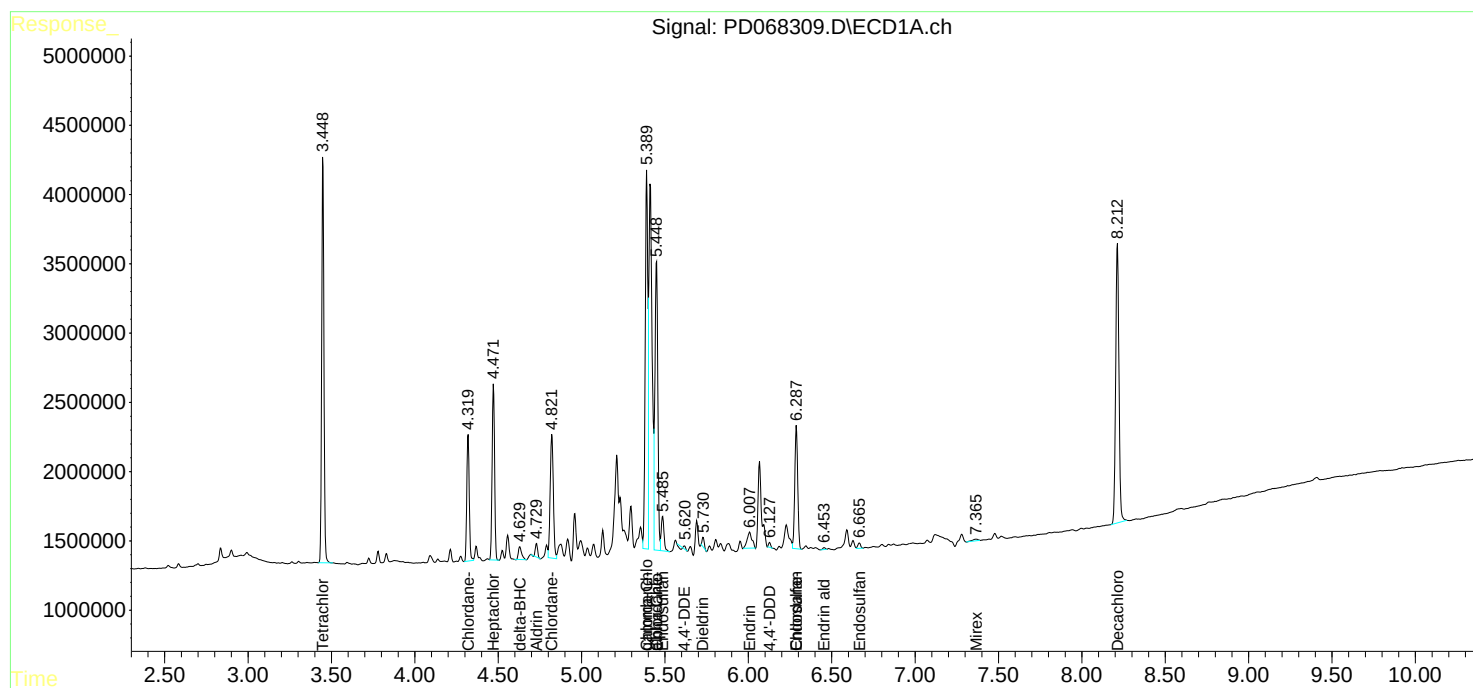
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

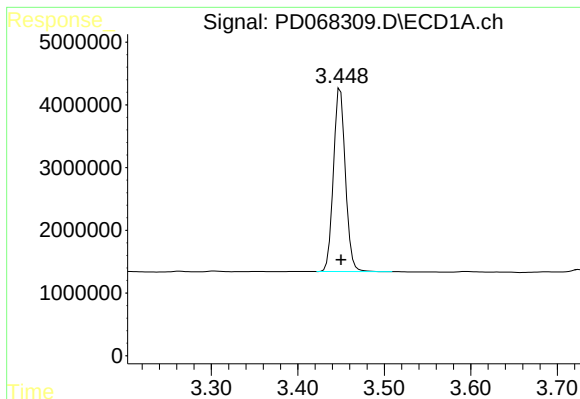
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030422\  
Data File : PD068309.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2022 14:08  
Operator : AR\AJ  
Sample : PB143065BS  
Misc : CH BS  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:07:25 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 01 06:48:49 2022  
Response via : Initial Calibration  
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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

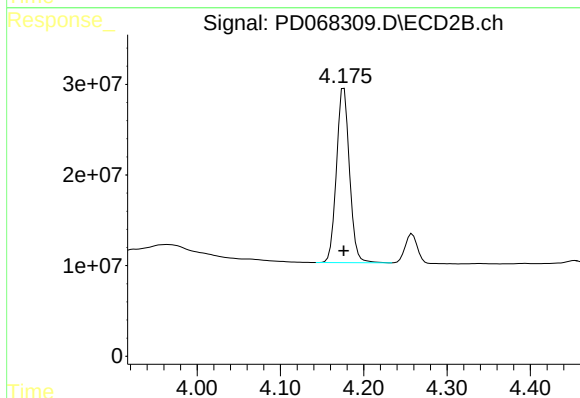




#1 Tetrachloro-m-xylene

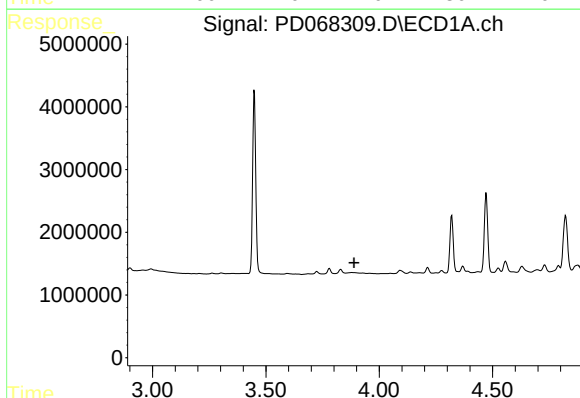
R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 27998012  
Conc: 23.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



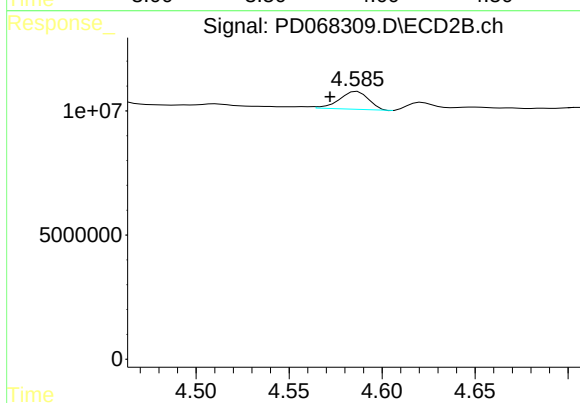
#1 Tetrachloro-m-xylene

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 209575260  
Conc: 21.84 ng/ml



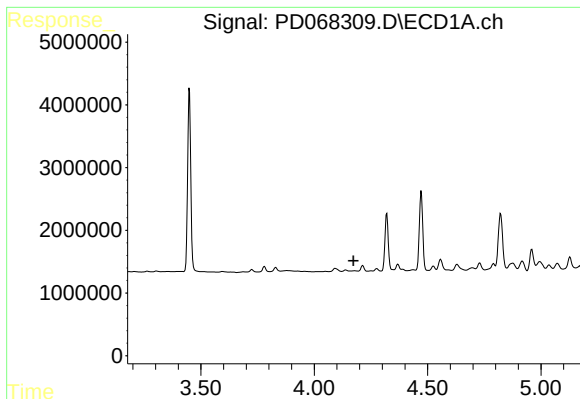
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.890 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

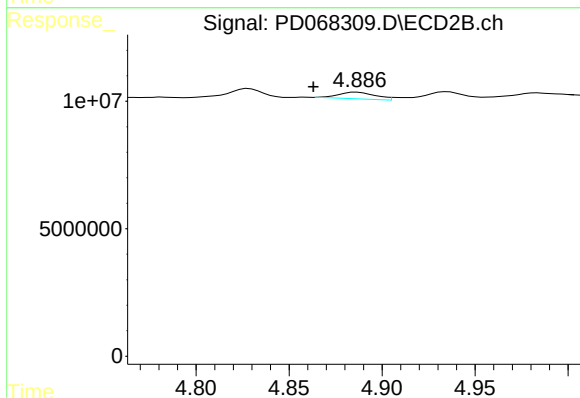
R.T.: 4.587 min  
Delta R.T.: 0.015 min  
Response: 7854955  
Conc: 0.57 ng/ml



#3 gamma-BHC (Lindane)

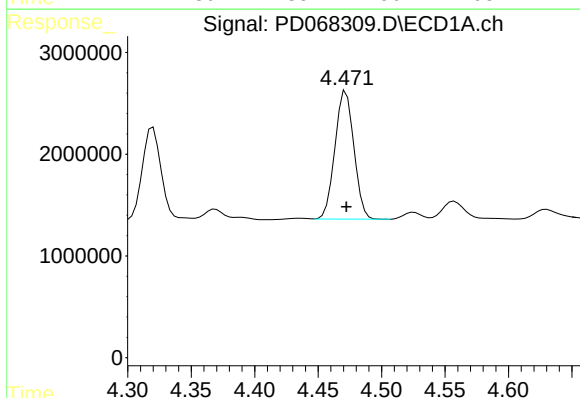
R.T.: 0.000 min  
Exp R.T.: 4.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



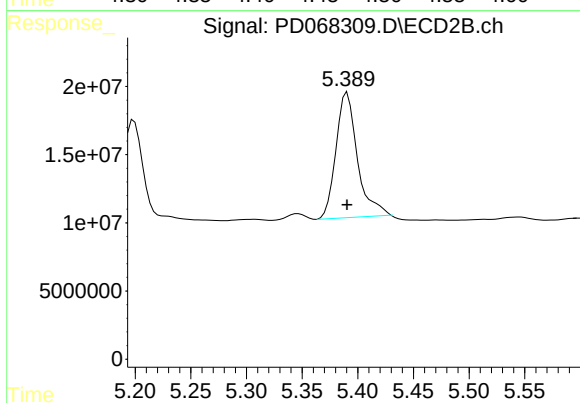
#3 gamma-BHC (Lindane)

R.T.: 4.886 min  
Delta R.T.: 0.023 min  
Response: 3457374  
Conc: 0.28 ng/ml



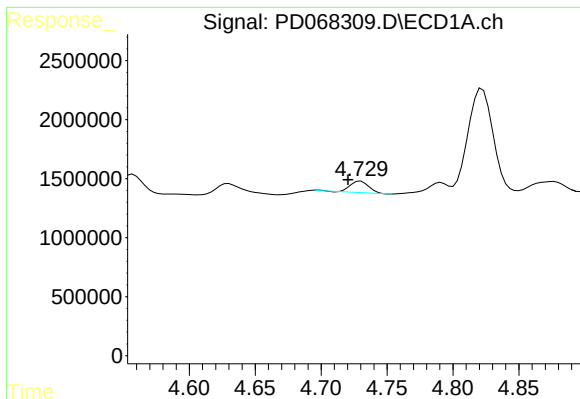
#4 Heptachlor

R.T.: 4.472 min  
Delta R.T.: 0.000 min  
Response: 13114996  
Conc: 8.69 ng/ml



#4 Heptachlor

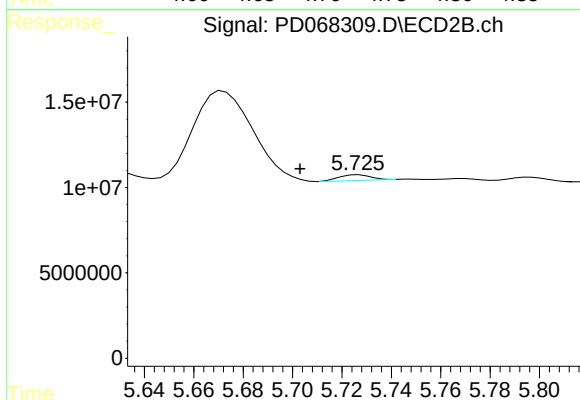
R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 123482177  
Conc: 10.90 ng/ml



#5 Aldrin

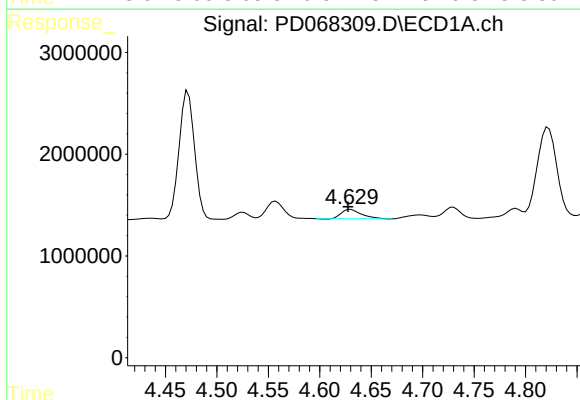
R.T.: 4.730 min  
Delta R.T.: 0.010 min  
Response: 950215  
Conc: 0.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



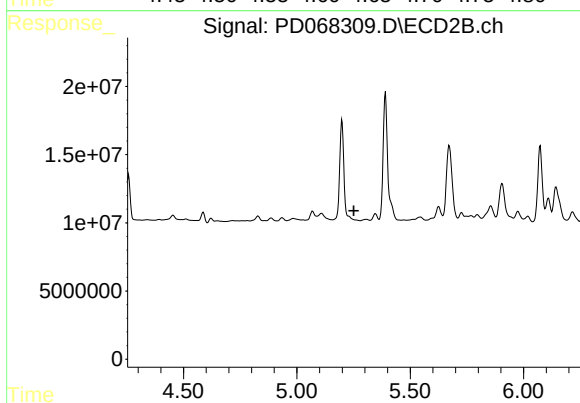
#5 Aldrin

R.T.: 5.727 min  
Delta R.T.: 0.024 min  
Response: 2999840  
Conc: 0.25 ng/ml



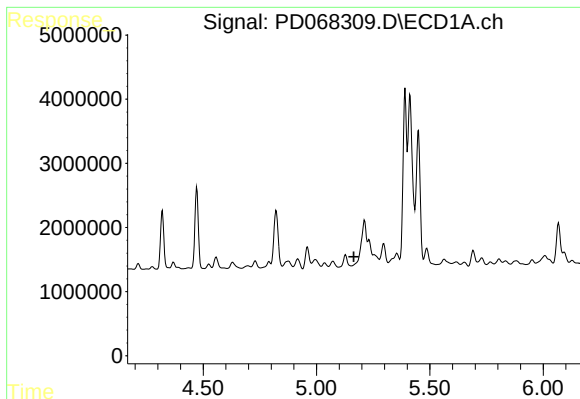
#7 delta-BHC

R.T.: 4.630 min  
Delta R.T.: 0.002 min  
Response: 1244361  
Conc: 0.77 ng/ml



#7 delta-BHC

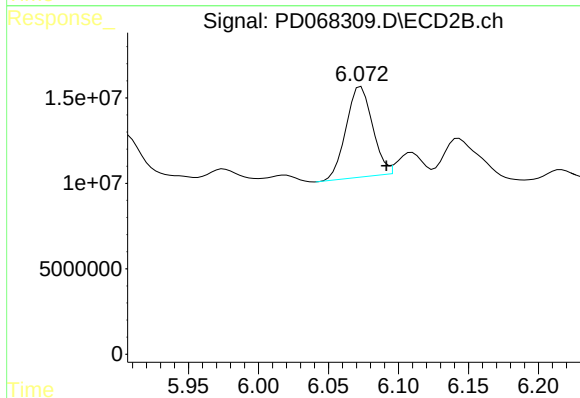
R.T.: 0.000 min  
Exp R.T. : 5.251 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

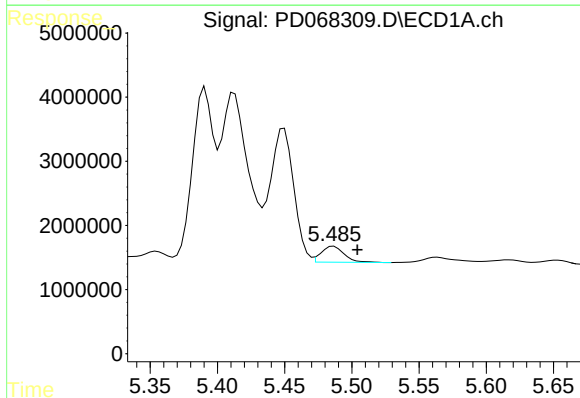
R.T.: 0.000 min  
Exp R.T.: 5.165 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



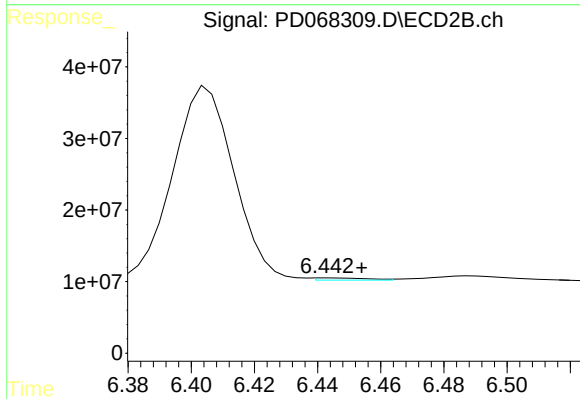
#8 Heptachlor epoxide

R.T.: 6.073 min  
Delta R.T.: -0.018 min  
Response: 69412824  
Conc: 6.48 ng/ml



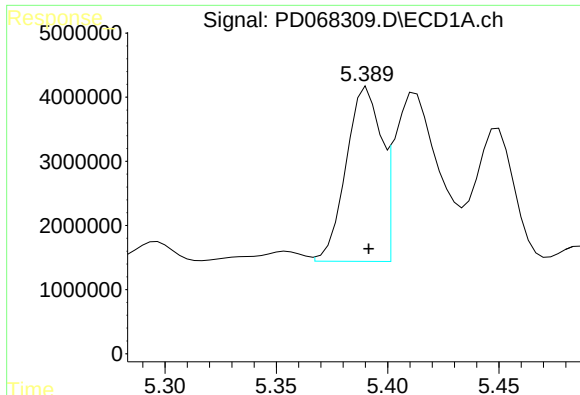
#9 Endosulfan I

R.T.: 5.486 min  
Delta R.T.: -0.018 min  
Response: 2922290  
Conc: 2.14 ng/ml



#9 Endosulfan I

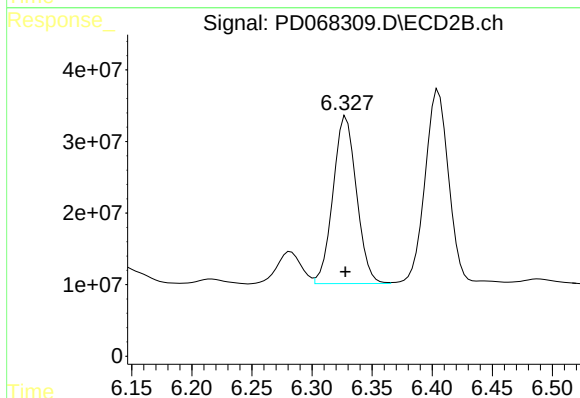
R.T.: 6.443 min  
Delta R.T.: -0.011 min  
Response: 3423866  
Conc: 0.35 ng/ml



#10 gamma-Chlordane

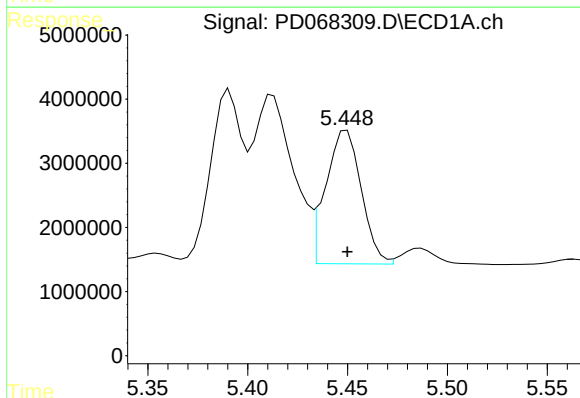
R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 29582169  
Conc: 19.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



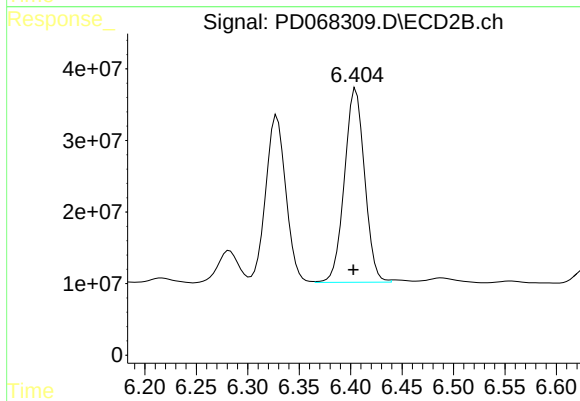
#10 gamma-Chlordane

R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 318051692  
Conc: 30.08 ng/ml



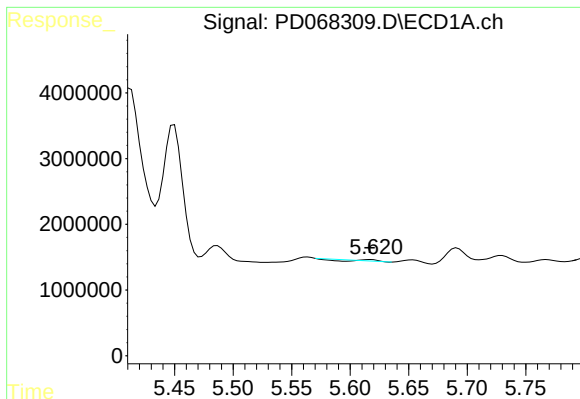
#11 alpha-Chlordane

R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 25754045  
Conc: 17.53 ng/ml



#11 alpha-Chlordane

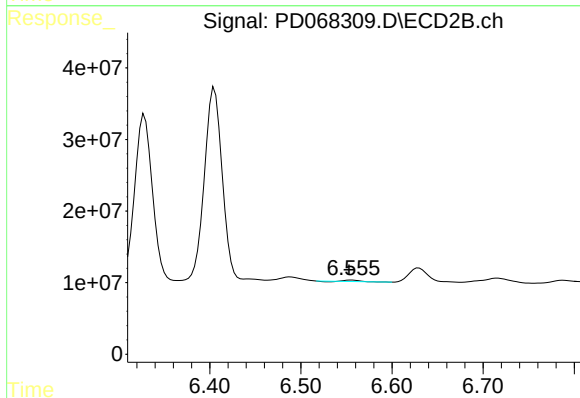
R.T.: 6.405 min  
Delta R.T.: 0.002 min  
Response: 369592795  
Conc: 35.86 ng/ml



#12 4,4'-DDE

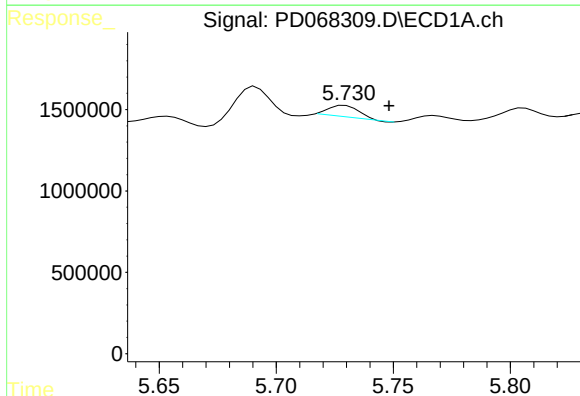
R.T.: 5.617 min  
Delta R.T.: 0.000 min  
Response: 6298  
Conc: 0.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



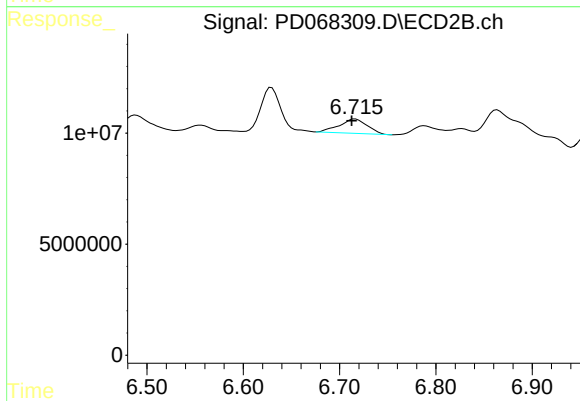
#12 4,4'-DDE

R.T.: 6.556 min  
Delta R.T.: 0.003 min  
Response: 1262107  
Conc: 0.13 ng/ml



#13 Dieldrin

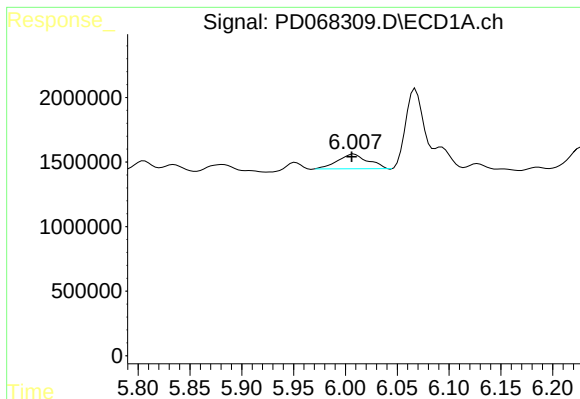
R.T.: 5.729 min  
Delta R.T.: -0.019 min  
Response: 634375  
Conc: 0.43 ng/ml



#13 Dieldrin

R.T.: 6.716 min  
Delta R.T.: 0.004 min  
Response: 12769218  
Conc: 1.24 ng/ml

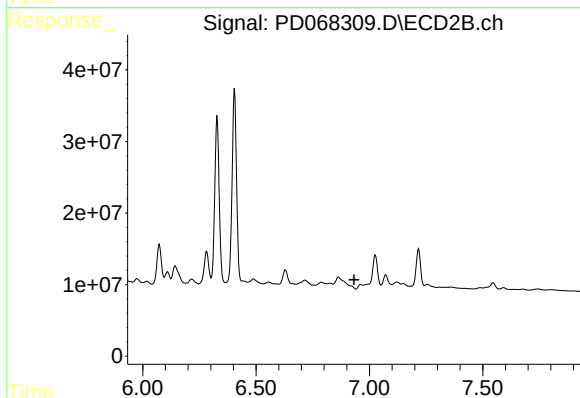




#14 Endrin

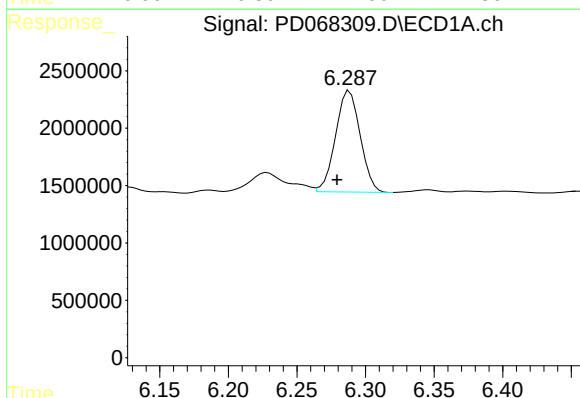
R.T.: 6.008 min  
Delta R.T.: 0.002 min  
Response: 2325605  
Conc: 1.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



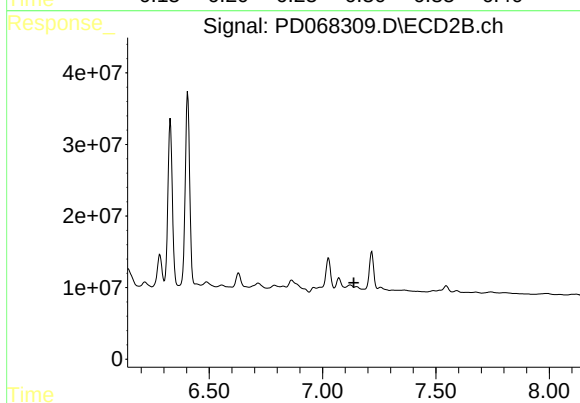
#14 Endrin

R.T.: 6.962 min  
Delta R.T.: 0.029 min  
Response: -5552856  
Conc: N.D.



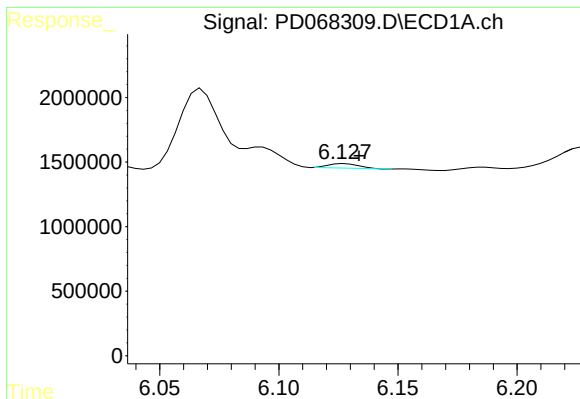
#15 Endosulfan II

R.T.: 6.288 min  
Delta R.T.: 0.009 min  
Response: 11064650  
Conc: 8.70 ng/ml



#15 Endosulfan II

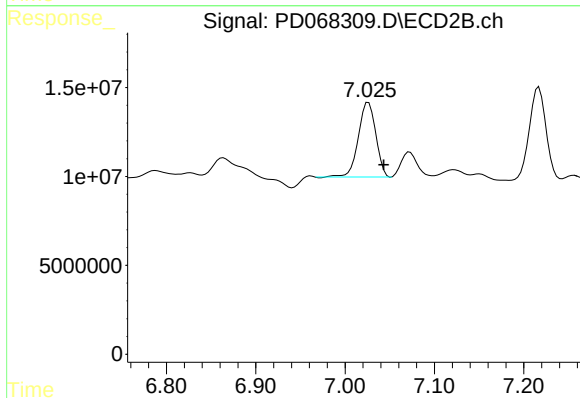
R.T.: 7.150 min  
Delta R.T.: 0.013 min  
Response: -109714  
Conc: N.D.



#16 4,4'-DDD

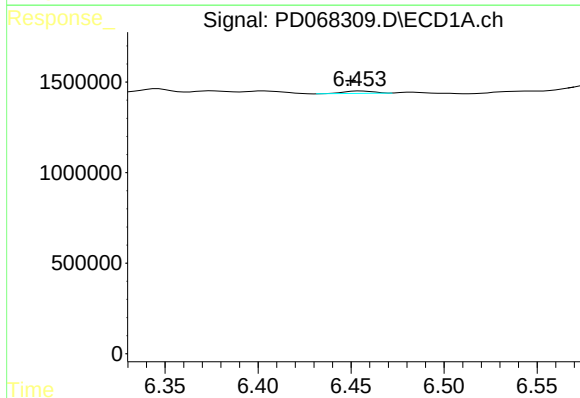
R.T.: 6.128 min  
Delta R.T.: -0.006 min  
Response: 304595  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



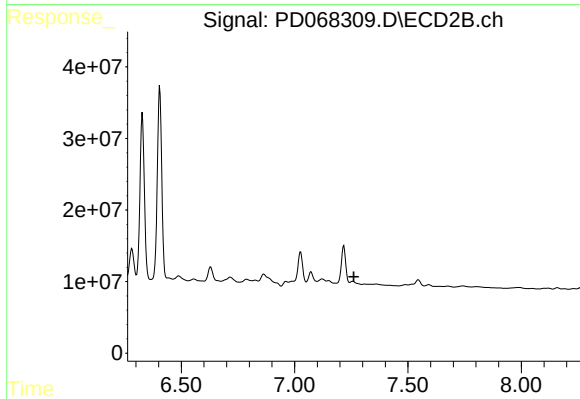
#16 4,4'-DDD

R.T.: 7.026 min  
Delta R.T.: -0.017 min  
Response: 56893594  
Conc: 7.23 ng/ml



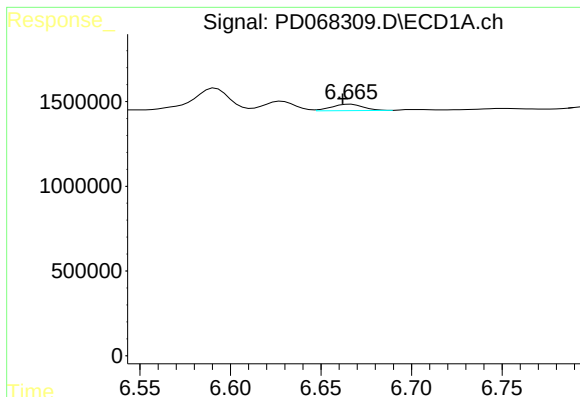
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.006 min  
Response: 144738  
Conc: 0.16 ng/ml



#18 Endrin aldehyde

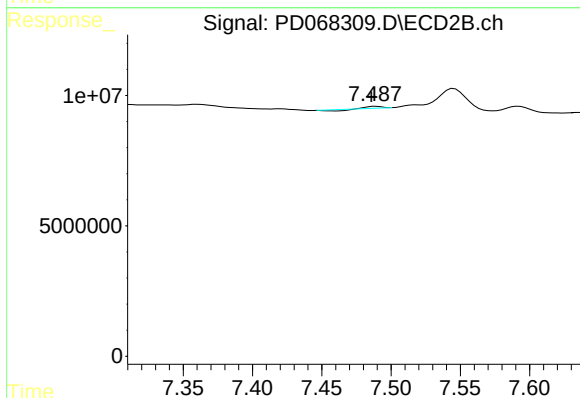
R.T.: 7.256 min  
Delta R.T.: -0.005 min  
Response: -51408165  
Conc: N.D.



#19 Endosulfan Sulfate

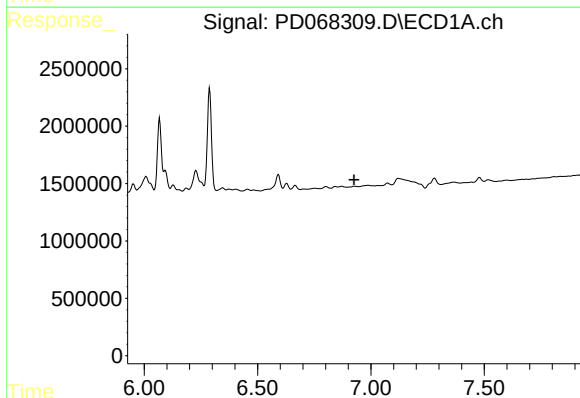
R.T.: 6.666 min  
Delta R.T.: 0.004 min  
Response: 460550  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



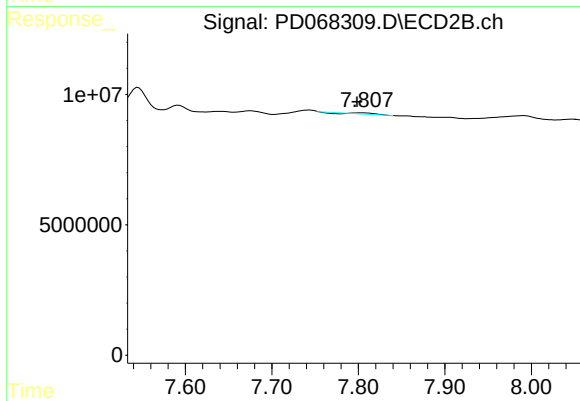
#19 Endosulfan Sulfate

R.T.: 7.489 min  
Delta R.T.: 0.004 min  
Response: 90149  
Conc: 0.01 ng/ml



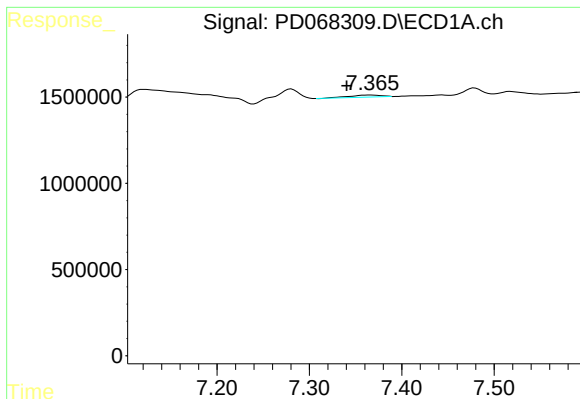
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.925 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

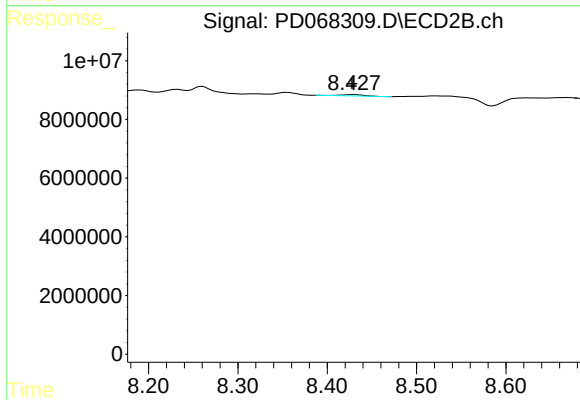
R.T.: 7.804 min  
Delta R.T.: 0.005 min  
Response: 382787  
Conc: 0.11 ng/ml



#22 Mirex

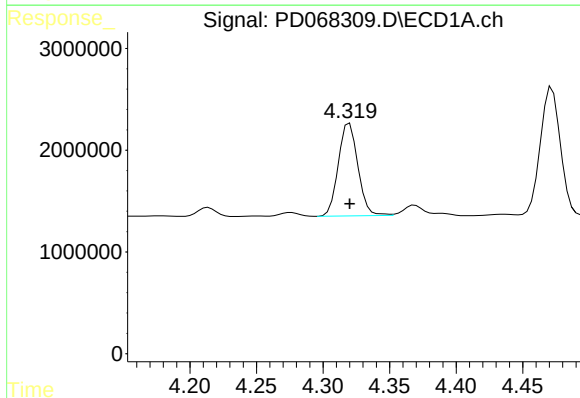
R.T.: 7.367 min  
Delta R.T.: 0.026 min  
Response: 312805  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



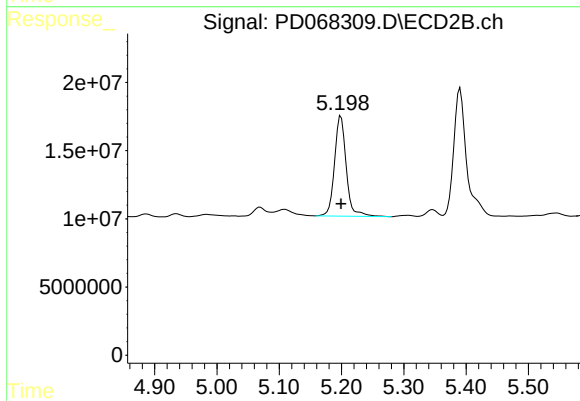
#22 Mirex

R.T.: 8.429 min  
Delta R.T.: 0.002 min  
Response: 724004  
Conc: 0.11 ng/ml



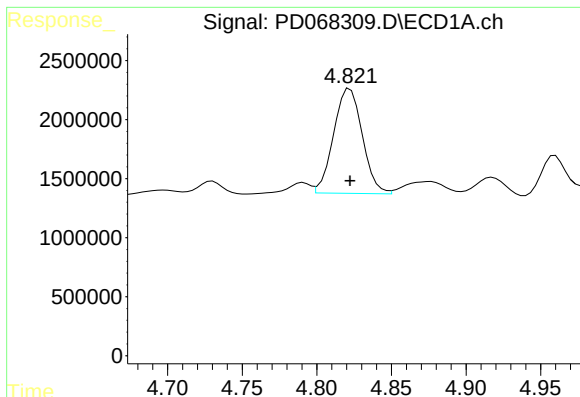
#23 Chlordane-1

R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 9329355  
Conc: 213.86 ng/ml



#23 Chlordane-1

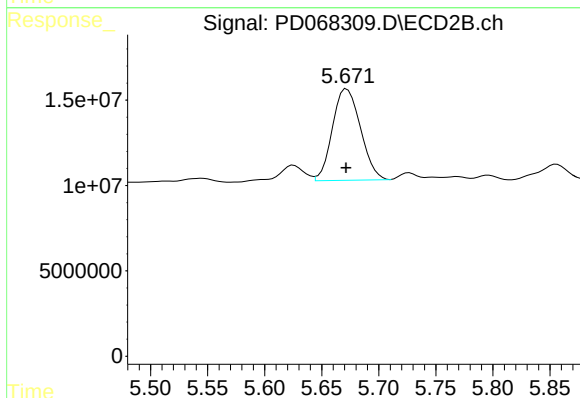
R.T.: 5.199 min  
Delta R.T.: 0.000 min  
Response: 95616787  
Conc: 236.09 ng/ml



#24 Chlordane-2

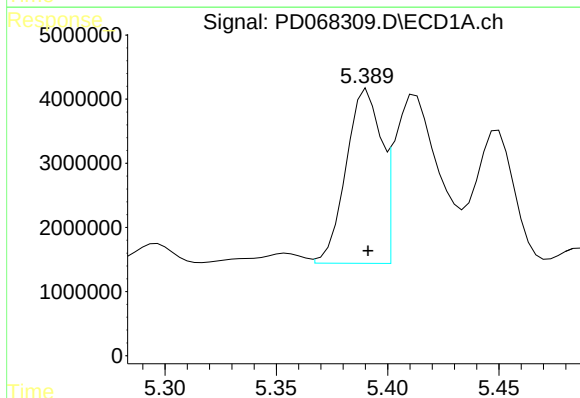
R.T.: 4.822 min  
Delta R.T.: 0.000 min  
Response: 11894320  
Conc: 230.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



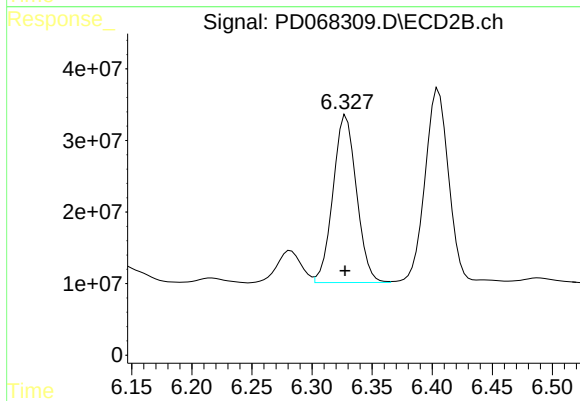
#24 Chlordane-2

R.T.: 5.672 min  
Delta R.T.: 0.000 min  
Response: 91804572  
Conc: 228.36 ng/ml



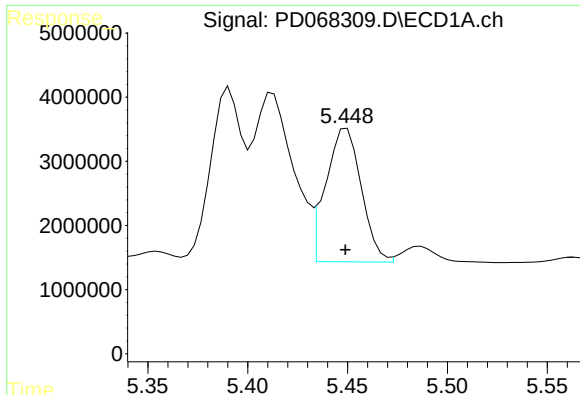
#25 Chlordane-3

R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 29582169  
Conc: 206.77 ng/ml



#25 Chlordane-3

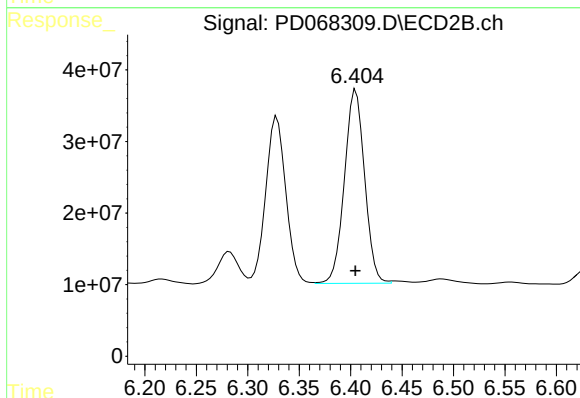
R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 318051692  
Conc: 223.65 ng/ml



#26 Chlordane-4

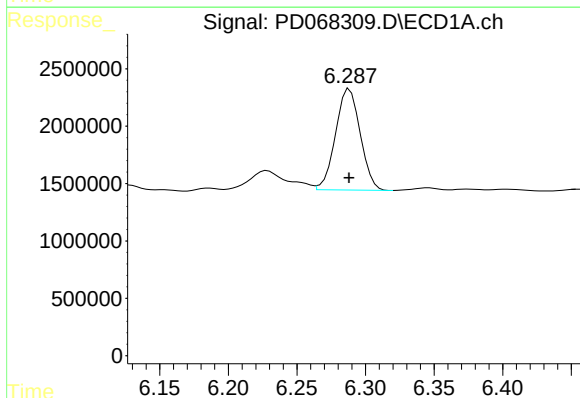
R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 25754045  
Conc: 210.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143065BS



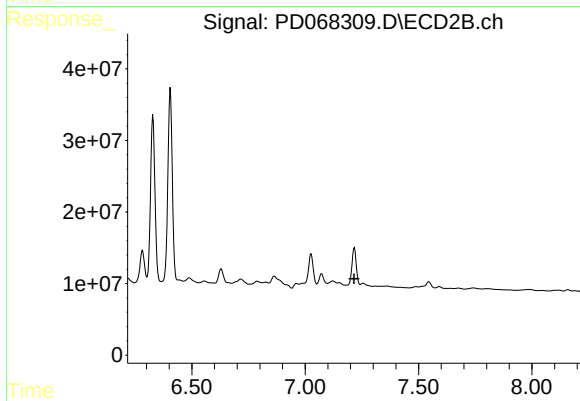
#26 Chlordane-4

R.T.: 6.405 min  
Delta R.T.: 0.000 min  
Response: 369592795  
Conc: 229.31 ng/ml



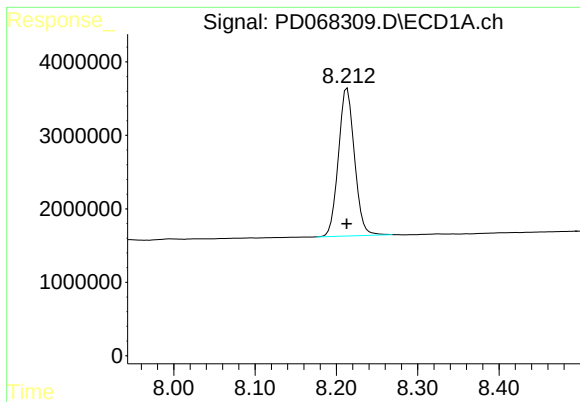
#27 Chlordane-5

R.T.: 6.288 min  
Delta R.T.: 0.000 min  
Response: 11064650  
Conc: 224.63 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.216 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

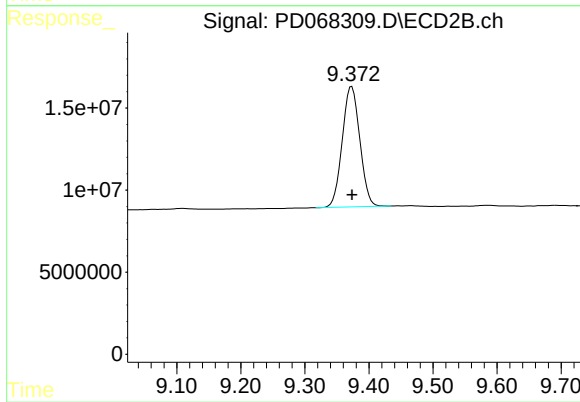
R.T.: 8.213 min  
Delta R.T.: 0.000 min  
Response: 27585789  
Conc: 23.71 ng/ml

Instrument :

ECD\_D

ClientSampleId :

PB143065BS



#28 Decachlorobiphenyl

R.T.: 9.373 min  
Delta R.T.: 0.000 min  
Response: 139554607  
Conc: 23.54 ng/ml