

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030322\  
 Data File : PD068295.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2022 17:22  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 00:33:55 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... | 3.451 | 4.178  | 65551614 | 441.7E6  | 55.919  | 46.025   |
| 2)                          | SA Decachlor... | 8.215 | 9.377  | 65379127 | 277.8E6  | 56.182  | 46.861   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.891 | 4.575  | 3491569  | 44967703 | 2.035   | 3.277 #  |
| 3)                          | MA gamma-BHC... | 4.174 | 4.864  | 3238679  | 22644810 | 2.034   | 1.826    |
| 4)                          | MA Heptachlor   | 4.474 | 5.392  | 34030348 | 275.0E6  | 22.542  | 24.280   |
| 5)                          | MB Aldrin       | 4.725 | 5.727f | 6172383  | 6120059  | 3.941   | 0.518 #  |
| 6)                          | B beta-BHC      | 4.424 | 5.027  | 1841057  | 13785042 | 2.624   | 2.550    |
| 7)                          | B delta-BHC     | 4.629 | 5.253  | 6718064  | 32160950 | 4.164   | 2.586 #  |
| 8)                          | B Heptachlo...  | 5.168 | 6.075f | -1214592 | 151.5E6  | N.D.    | 14.133   |
| 9)                          | A Endosulfan I  | 5.490 | 6.456  | 9830703  | 30946899 | 7.208   | 3.207 #  |
| 10)                         | B gamma-Chl...  | 5.393 | 6.329  | 78048904 | 688.7E6  | 52.429  | 65.132   |
| 11)                         | B alpha-Chl...  | 5.451 | 6.407  | 65775815 | 789.1E6  | 44.763  | 76.561 # |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.555  | 2601979  | 24326305 | 1.908   | 2.488 #  |
| 13)                         | MA Dieldrin     | 5.748 | 6.715  | 4215382  | 49470191 | 2.867   | 4.800 #  |
| 14)                         | MA Endrin       | 6.008 | 6.934  | 7807227  | 3718973  | 6.320   | 0.484 #  |
| 15)                         | B Endosulfa...  | 6.289 | 7.138  | 28630228 | 5064081  | 22.502  | 0.616 #  |
| 16)                         | A 4,4'-DDD      | 6.134 | 7.029  | 2926387  | 116.4E6  | 2.468   | 14.789 # |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.349  | 2406917  | 15387241 | 2.183   | 2.175    |
| 19)                         | B Endosulfa...  | 6.665 | 7.489  | 4103451  | 17474583 | 3.256   | 2.246 #  |
| 20)                         | A Methoxychlor  | 6.929 | 7.802  | 1712074  | 8316864  | 2.638   | 2.394    |
| 21)                         | B Endrin ke...  | 7.157 | 7.964  | 3998538  | 28586767 | 2.716   | 3.405 #  |
| 22)                         | Mirex           | 7.343 | 8.431  | 3259758  | 16950166 | 2.572   | 2.650    |
| 23)                         | Chlordane-1     | 4.322 | 5.200  | 21826477 | 188.8E6  | 500.329 | 466.103  |
| 24)                         | Chlordane-2     | 4.824 | 5.674  | 25956074 | 210.4E6  | 502.765 | 523.485  |
| 25)                         | Chlordane-3     | 5.393 | 6.329  | 78048904 | 688.7E6  | 545.543 | 484.289  |
| 26)                         | Chlordane-4     | 5.451 | 6.407  | 65775815 | 789.1E6  | 538.398 | 489.612  |
| 27)                         | Chlordane-5     | 6.289 | 0.000  | 28630228 | 0        | 581.248 | N.D. #   |
| -----                       |                 |       |        |          |          |         |          |

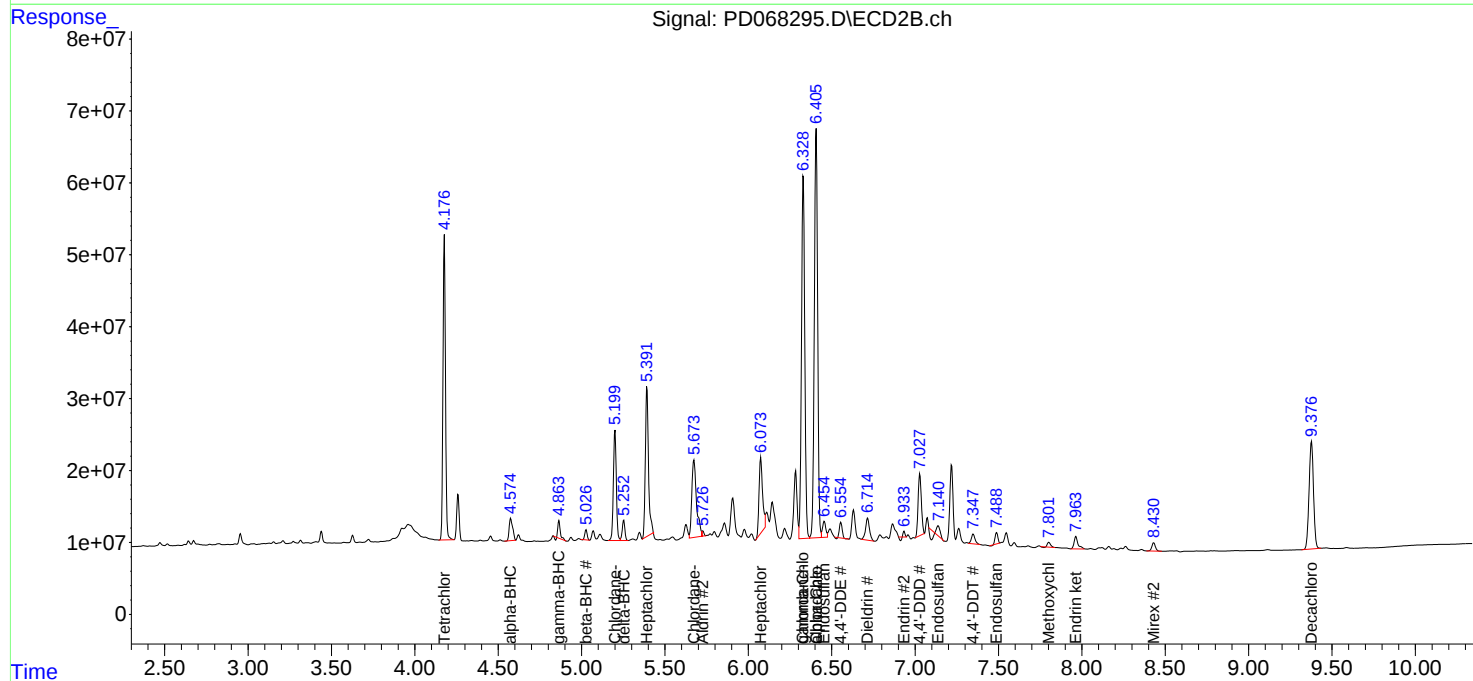
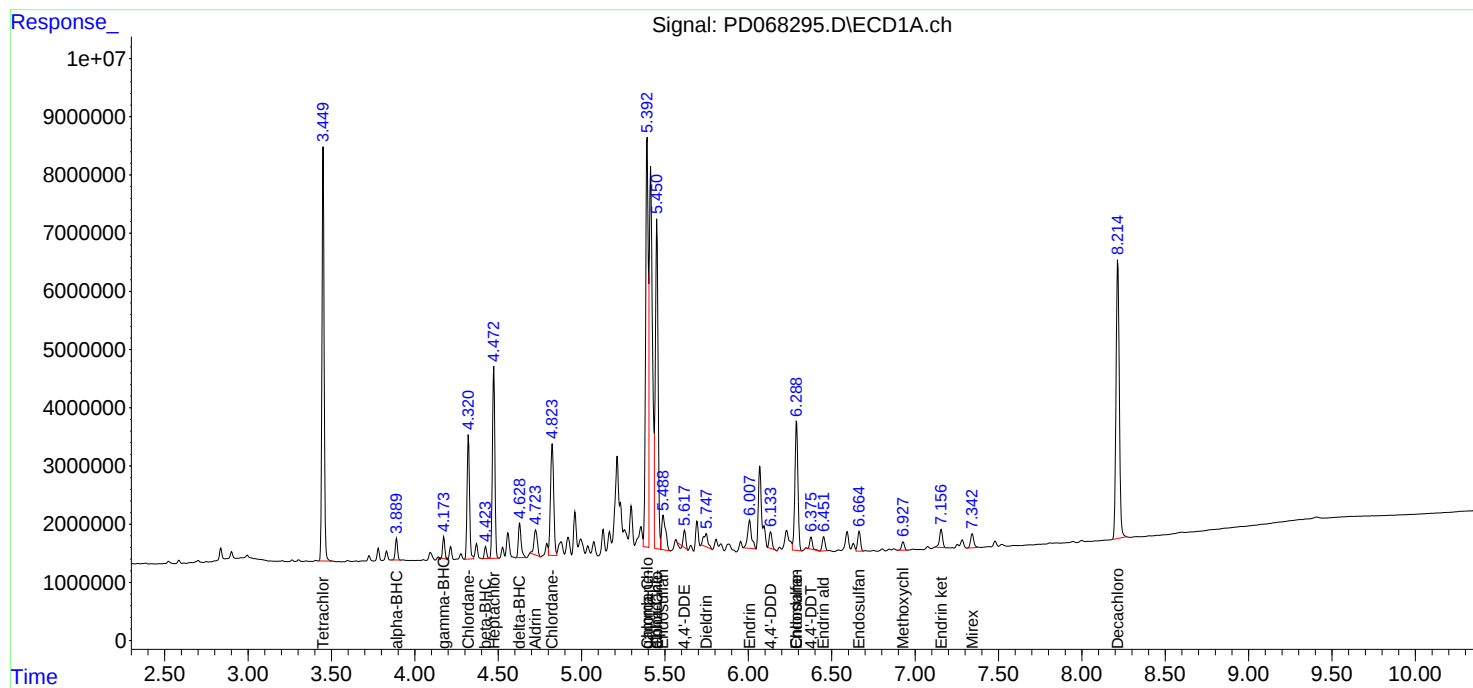
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

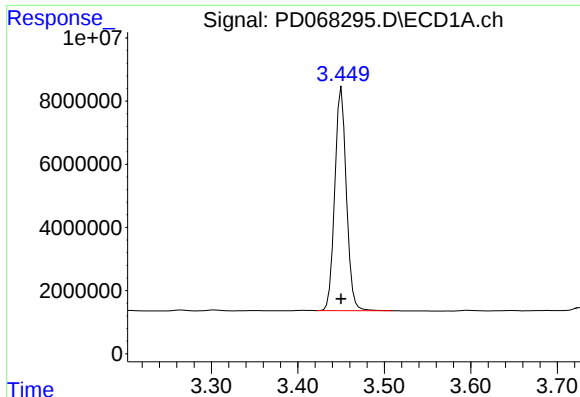
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030322\  
Data File : PD068295.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Mar 2022 17:22  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 03 00:33:55 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

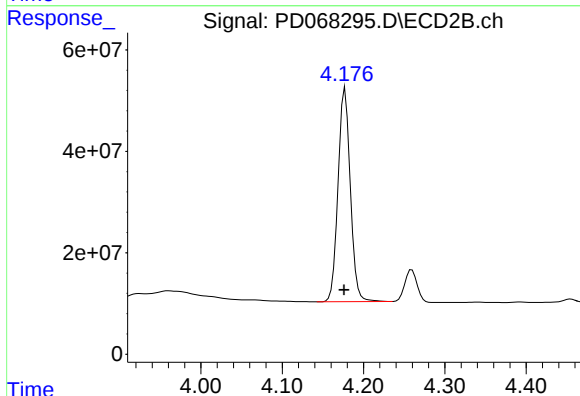




#1 Tetrachloro-m-xylene

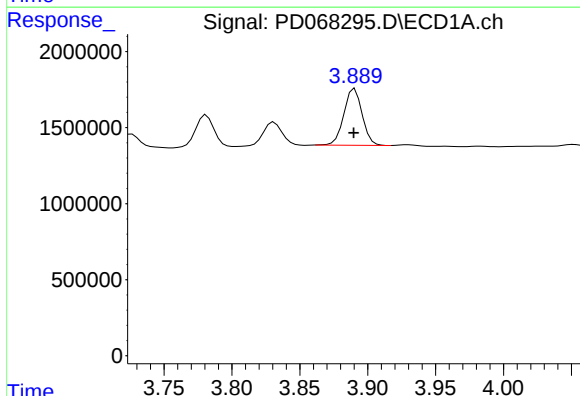
R.T.: 3.451 min  
Delta R.T.: 0.000 min  
Response: 65551614  
Conc: 55.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



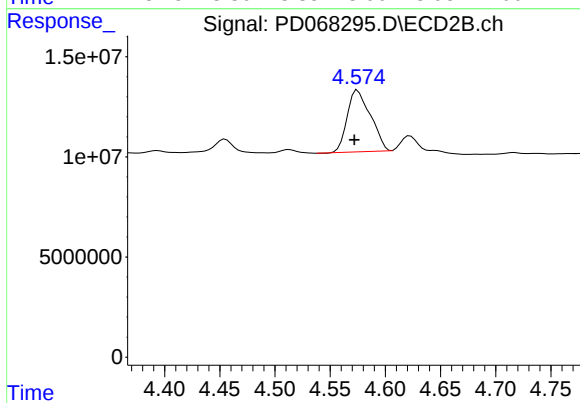
#1 Tetrachloro-m-xylene

R.T.: 4.178 min  
Delta R.T.: 0.001 min  
Response: 441745061  
Conc: 46.02 ng/ml



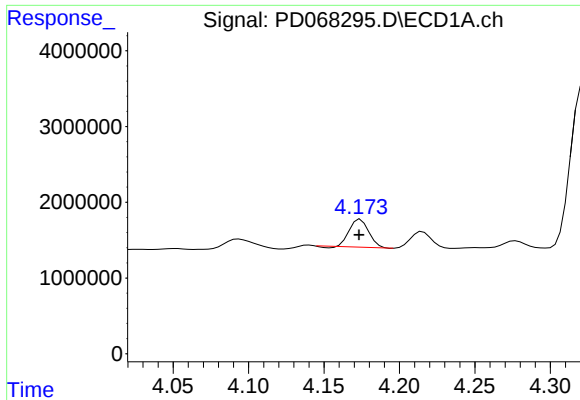
#2 alpha-BHC

R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 3491569  
Conc: 2.03 ng/ml



#2 alpha-BHC

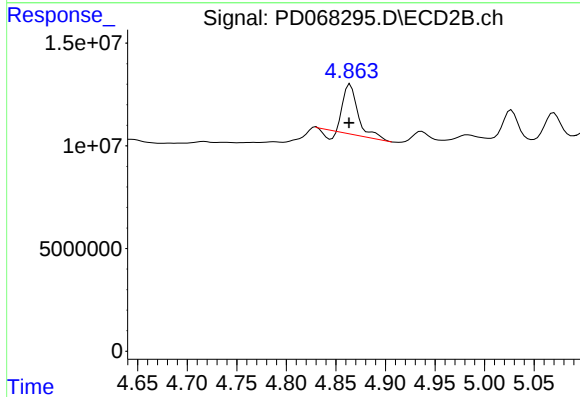
R.T.: 4.575 min  
Delta R.T.: 0.003 min  
Response: 44967703  
Conc: 3.28 ng/ml



#3 gamma-BHC (Lindane)

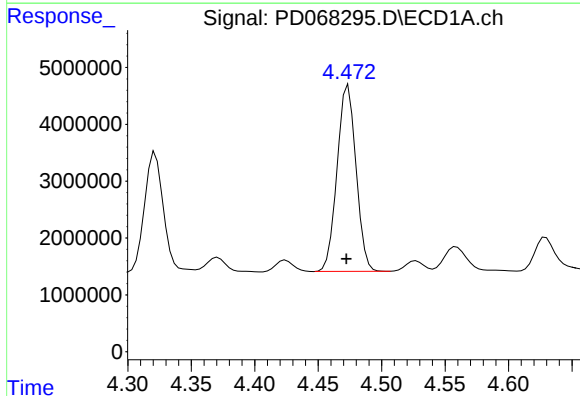
R.T.: 4.174 min  
Delta R.T.: 0.001 min  
Response: 3238679  
Conc: 2.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



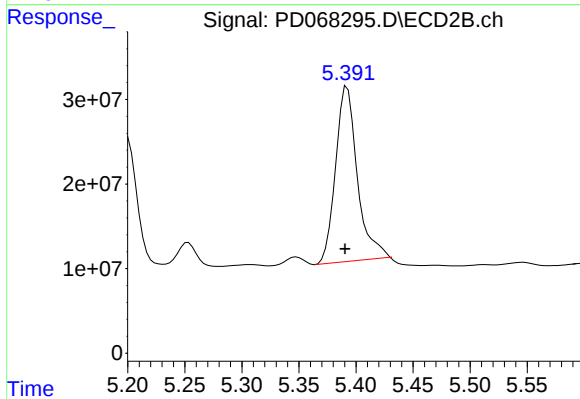
#3 gamma-BHC (Lindane)

R.T.: 4.864 min  
Delta R.T.: 0.001 min  
Response: 22644810  
Conc: 1.83 ng/ml



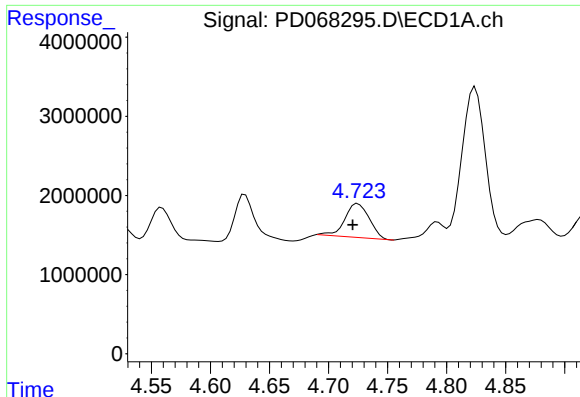
#4 Heptachlor

R.T.: 4.474 min  
Delta R.T.: 0.001 min  
Response: 34030348  
Conc: 22.54 ng/ml



#4 Heptachlor

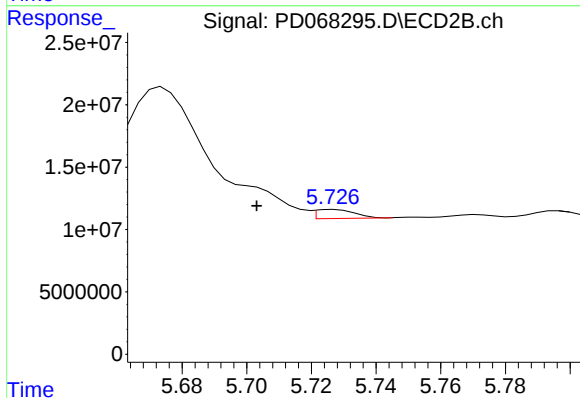
R.T.: 5.392 min  
Delta R.T.: 0.002 min  
Response: 275013514  
Conc: 24.28 ng/ml



#5 Aldrin

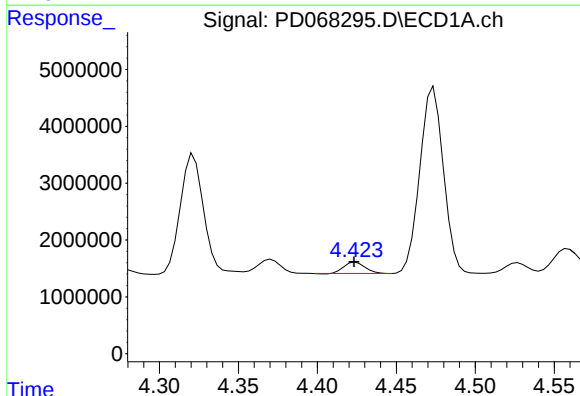
R.T.: 4.725 min  
Delta R.T.: 0.004 min  
Response: 6172383  
Conc: 3.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



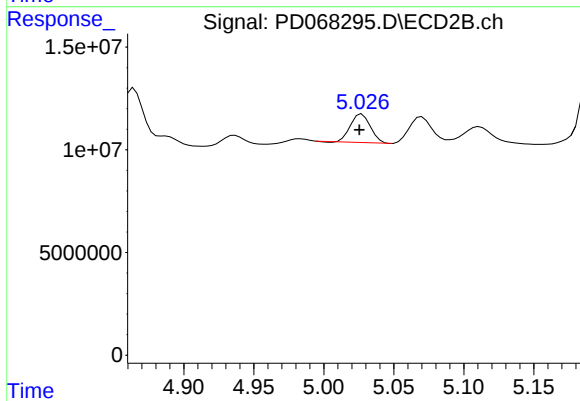
#5 Aldrin

R.T.: 5.727 min  
Delta R.T.: 0.024 min  
Response: 6120059  
Conc: 0.52 ng/ml



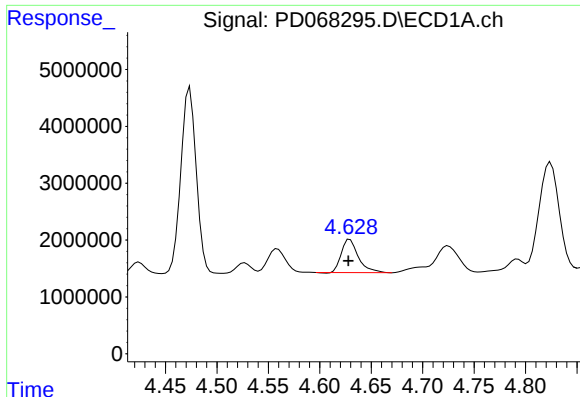
#6 beta-BHC

R.T.: 4.424 min  
Delta R.T.: 0.001 min  
Response: 1841057  
Conc: 2.62 ng/ml



#6 beta-BHC

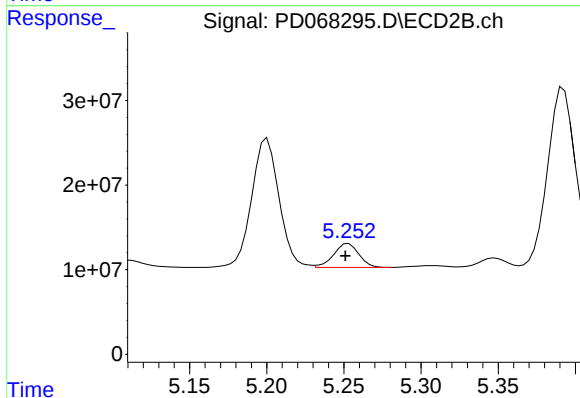
R.T.: 5.027 min  
Delta R.T.: 0.002 min  
Response: 13785042  
Conc: 2.55 ng/ml



#7 delta-BHC

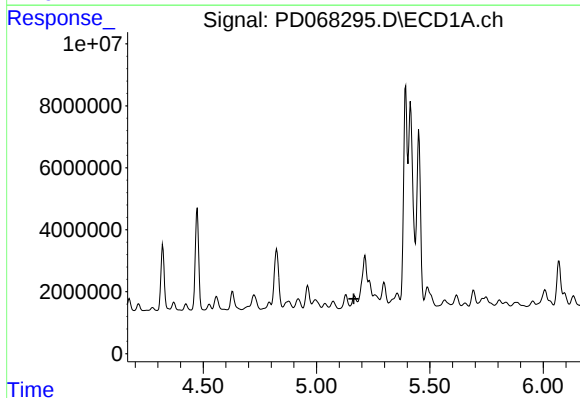
R.T.: 4.629 min  
Delta R.T.: 0.002 min  
Response: 6718064  
Conc: 4.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



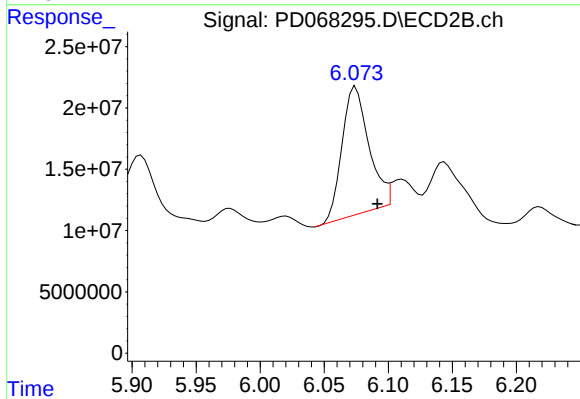
#7 delta-BHC

R.T.: 5.253 min  
Delta R.T.: 0.002 min  
Response: 32160950  
Conc: 2.59 ng/ml



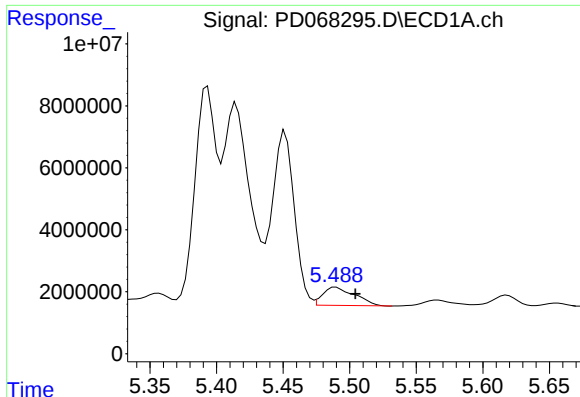
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: 0.003 min  
Response: -1214592  
Conc: N.D.



#8 Heptachlor epoxide

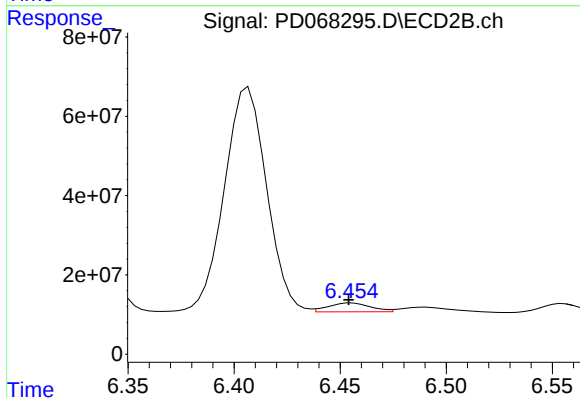
R.T.: 6.075 min  
Delta R.T.: -0.017 min  
Response: 151476839  
Conc: 14.13 ng/ml



#9 Endosulfan I

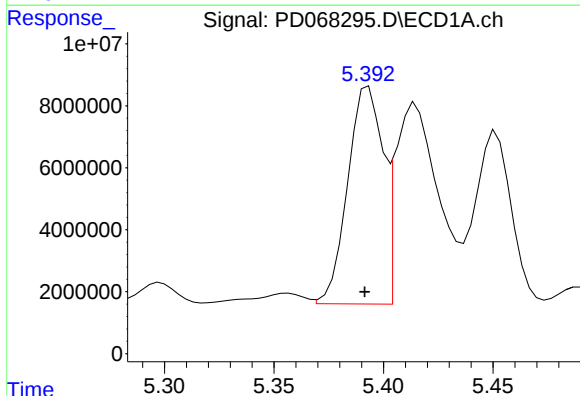
R.T.: 5.490 min  
Delta R.T.: -0.015 min  
Response: 9830703  
Conc: 7.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



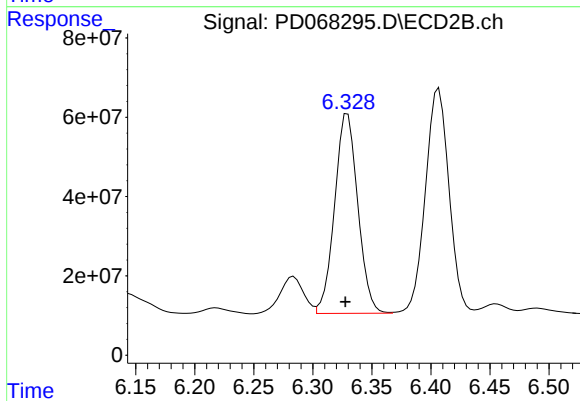
#9 Endosulfan I

R.T.: 6.456 min  
Delta R.T.: 0.002 min  
Response: 30946899  
Conc: 3.21 ng/ml



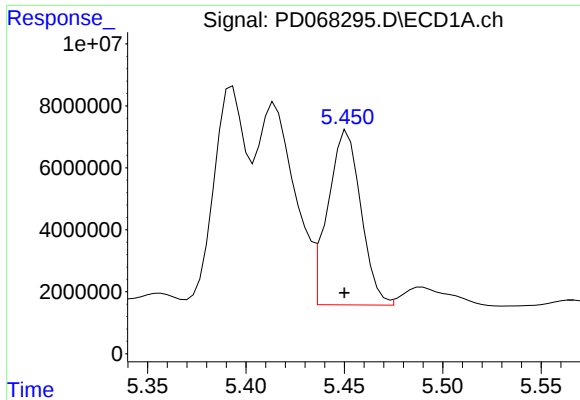
#10 gamma-Chlordane

R.T.: 5.393 min  
Delta R.T.: 0.002 min  
Response: 78048904  
Conc: 52.43 ng/ml



#10 gamma-Chlordane

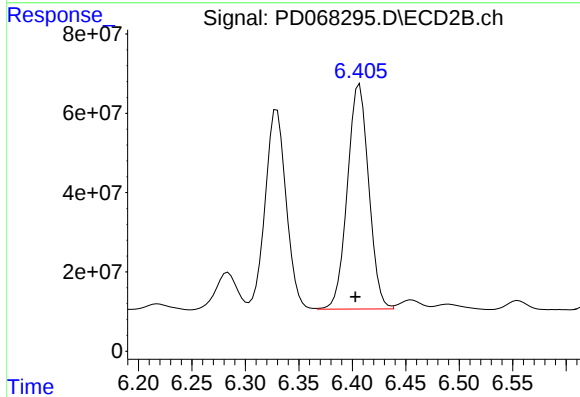
R.T.: 6.329 min  
Delta R.T.: 0.002 min  
Response: 688702078  
Conc: 65.13 ng/ml



#11 alpha-Chlordane

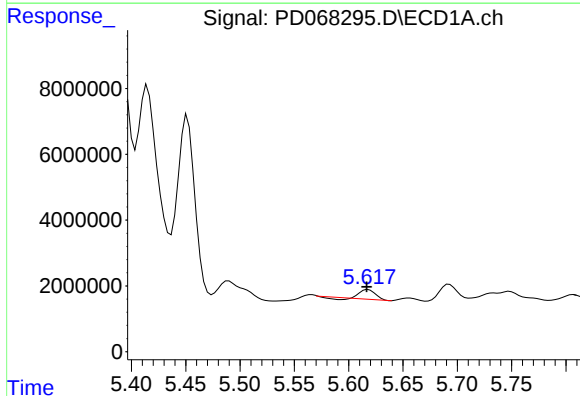
R.T.: 5.451 min  
Delta R.T.: 0.002 min  
Response: 65775815  
Conc: 44.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



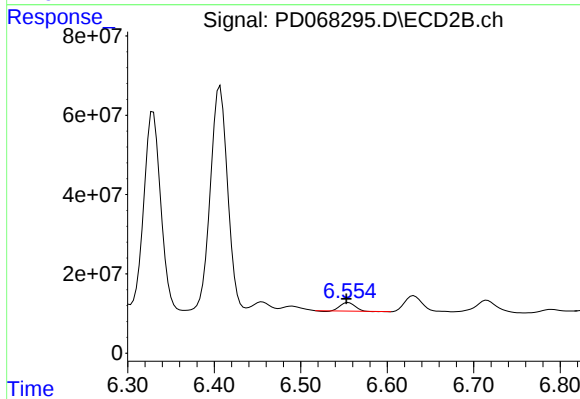
#11 alpha-Chlordane

R.T.: 6.407 min  
Delta R.T.: 0.004 min  
Response: 789143699  
Conc: 76.56 ng/ml



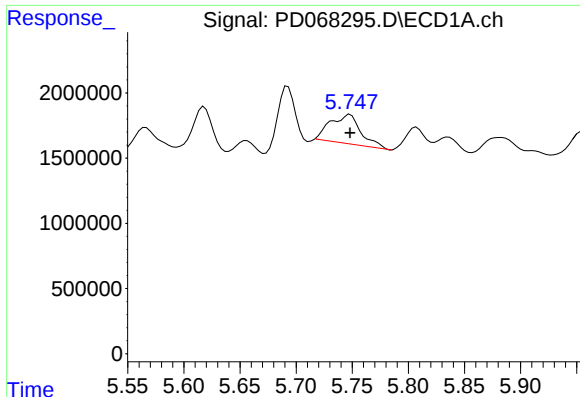
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: 0.001 min  
Response: 2601979  
Conc: 1.91 ng/ml



#12 4,4'-DDE

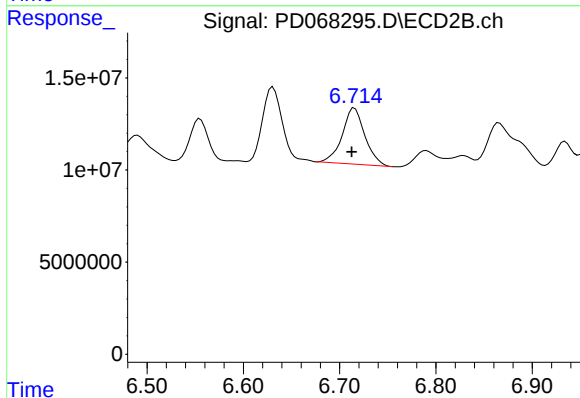
R.T.: 6.555 min  
Delta R.T.: 0.002 min  
Response: 24326305  
Conc: 2.49 ng/ml



#13 Dieldrin

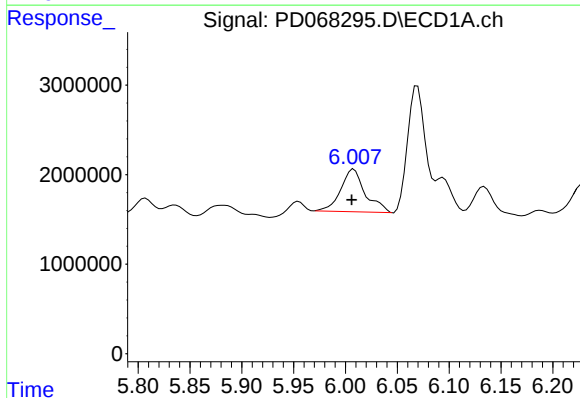
R.T.: 5.748 min  
Delta R.T.: 0.000 min  
Response: 4215382  
Conc: 2.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



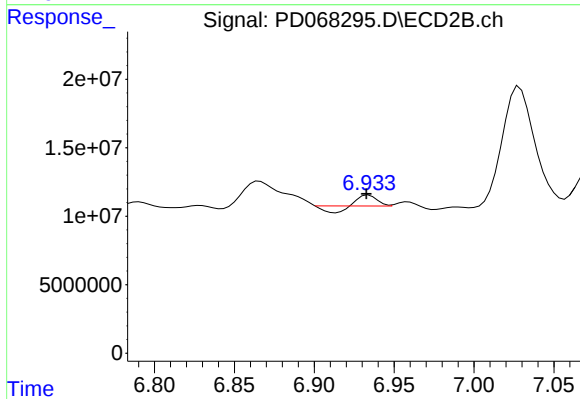
#13 Dieldrin

R.T.: 6.715 min  
Delta R.T.: 0.003 min  
Response: 49470191  
Conc: 4.80 ng/ml



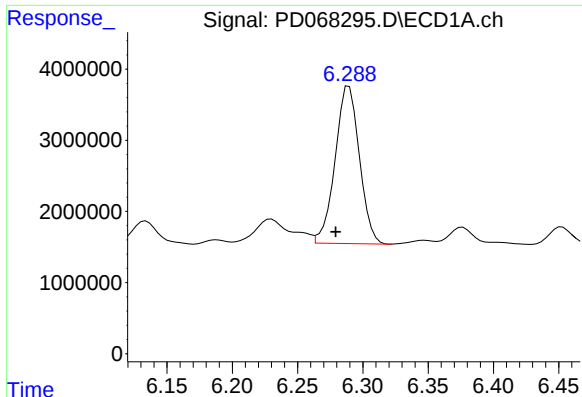
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.002 min  
Response: 7807227  
Conc: 6.32 ng/ml



#14 Endrin

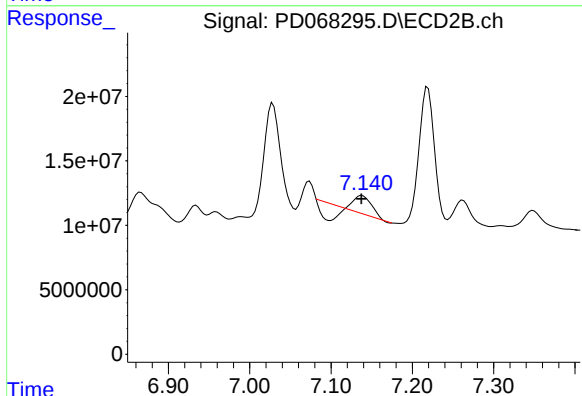
R.T.: 6.934 min  
Delta R.T.: 0.001 min  
Response: 3718973  
Conc: 0.48 ng/ml



#15 Endosulfan II

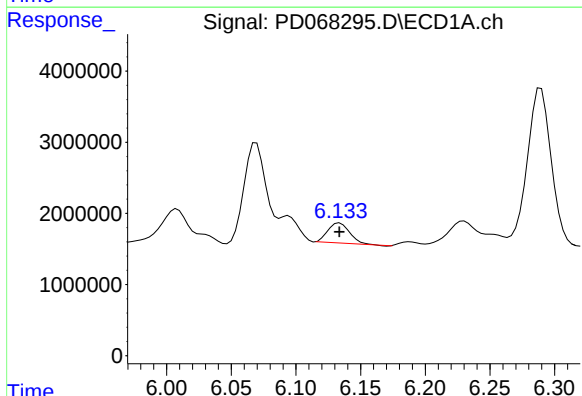
R.T.: 6.289 min  
Delta R.T.: 0.010 min  
Response: 28630228  
Conc: 22.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



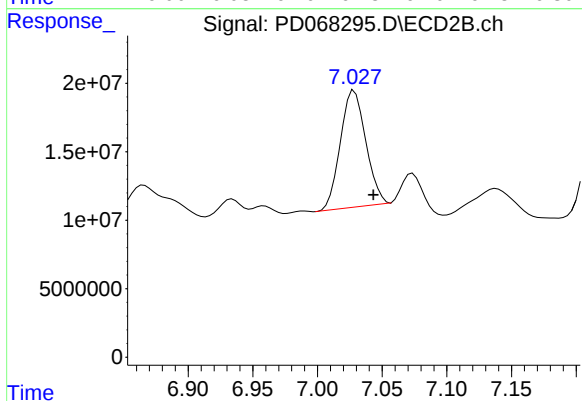
#15 Endosulfan II

R.T.: 7.138 min  
Delta R.T.: 0.000 min  
Response: 5064081  
Conc: 0.62 ng/ml



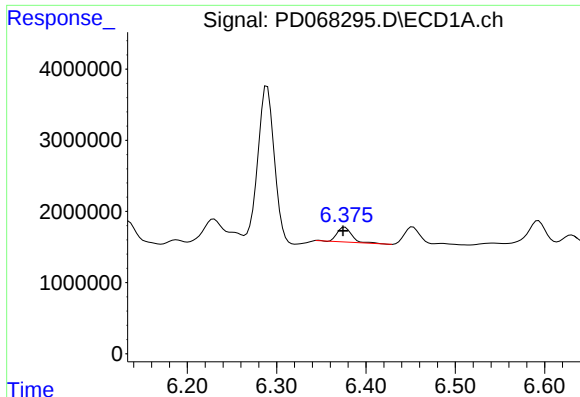
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 2926387  
Conc: 2.47 ng/ml



#16 4,4'-DDD

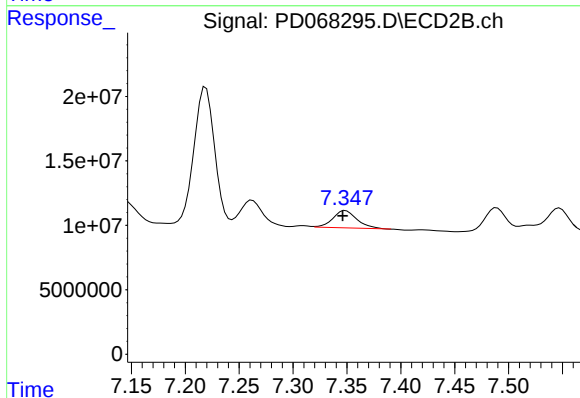
R.T.: 7.029 min  
Delta R.T.: -0.015 min  
Response: 116393531  
Conc: 14.79 ng/ml



#17 4,4'-DDT

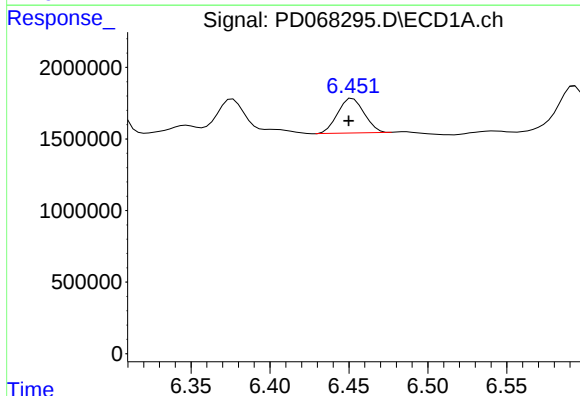
R.T.: 6.376 min  
Delta R.T.: 0.002 min  
Response: 2406917  
Conc: 2.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



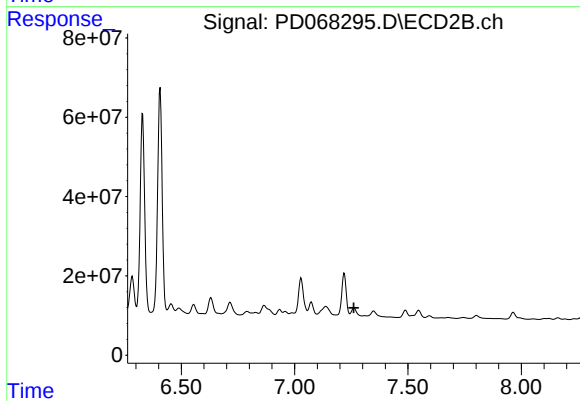
#17 4,4'-DDT

R.T.: 7.349 min  
Delta R.T.: 0.003 min  
Response: 15387241  
Conc: 2.17 ng/ml



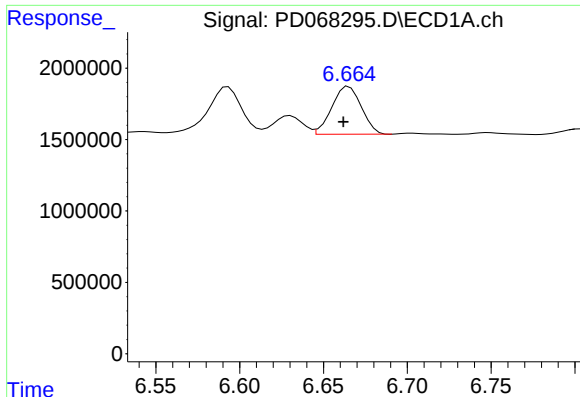
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: 0.003 min  
Response: 2833918  
Conc: 3.09 ng/ml



#18 Endrin aldehyde

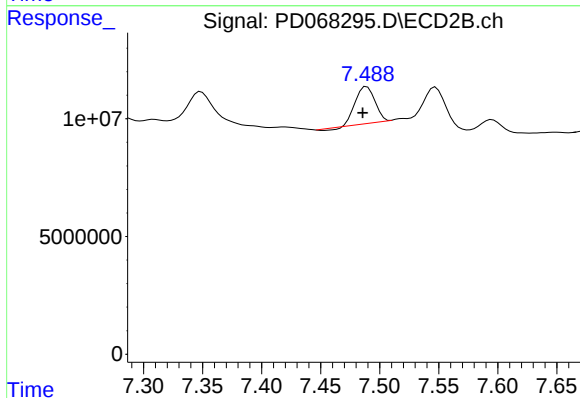
R.T.: 7.262 min  
Delta R.T.: 0.000 min  
Response: -70216302  
Conc: N.D.



#19 Endosulfan Sulfate

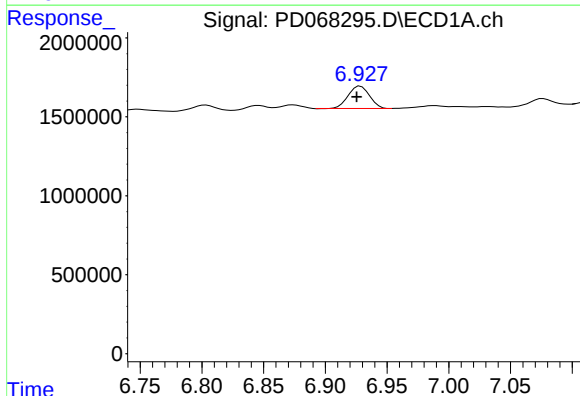
R.T.: 6.665 min  
Delta R.T.: 0.003 min  
Response: 4103451  
Conc: 3.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



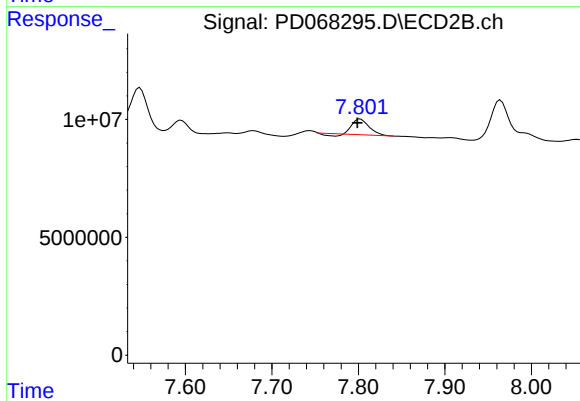
#19 Endosulfan Sulfate

R.T.: 7.489 min  
Delta R.T.: 0.003 min  
Response: 17474583  
Conc: 2.25 ng/ml



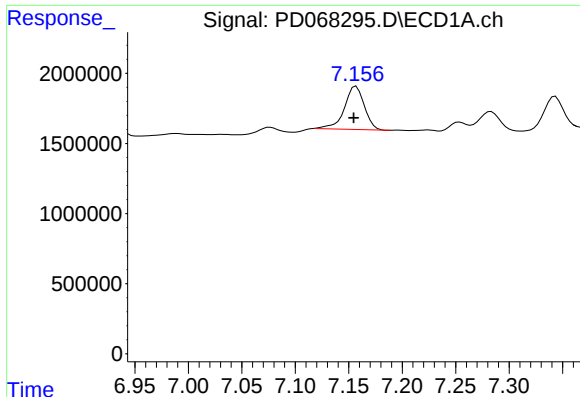
#20 Methoxychlor

R.T.: 6.929 min  
Delta R.T.: 0.003 min  
Response: 1712074  
Conc: 2.64 ng/ml



#20 Methoxychlor

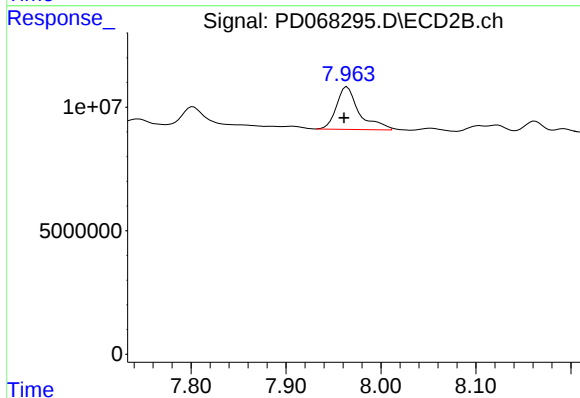
R.T.: 7.802 min  
Delta R.T.: 0.004 min  
Response: 8316864  
Conc: 2.39 ng/ml



#21 Endrin ketone

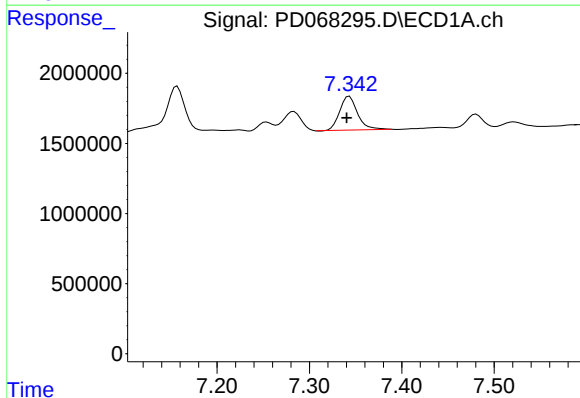
R.T.: 7.157 min  
Delta R.T.: 0.002 min  
Response: 3998538  
Conc: 2.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



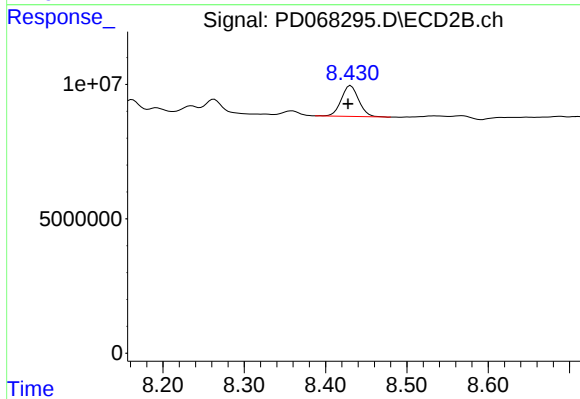
#21 Endrin ketone

R.T.: 7.964 min  
Delta R.T.: 0.003 min  
Response: 28586767  
Conc: 3.41 ng/ml



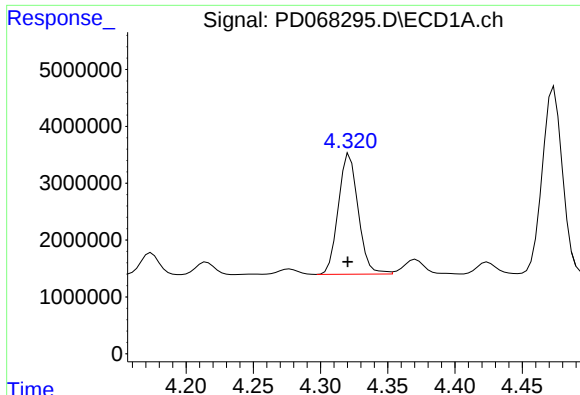
#22 Mirex

R.T.: 7.343 min  
Delta R.T.: 0.003 min  
Response: 3259758  
Conc: 2.57 ng/ml



#22 Mirex

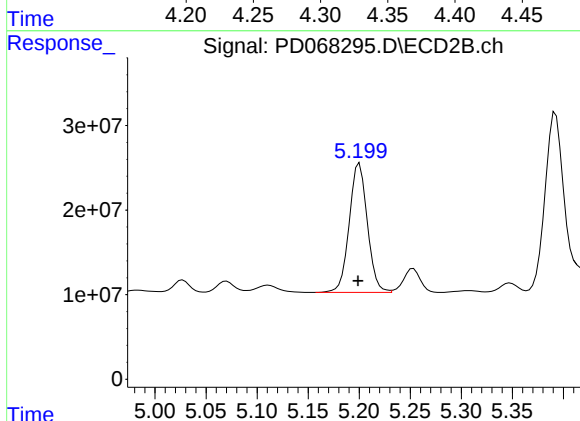
R.T.: 8.431 min  
Delta R.T.: 0.003 min  
Response: 16950166  
Conc: 2.65 ng/ml



#23 Chlordane-1

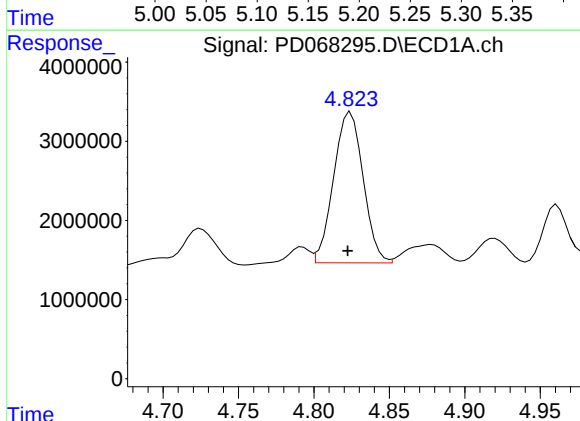
R.T.: 4.322 min  
Delta R.T.: 0.001 min  
Response: 21826477  
Conc: 500.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



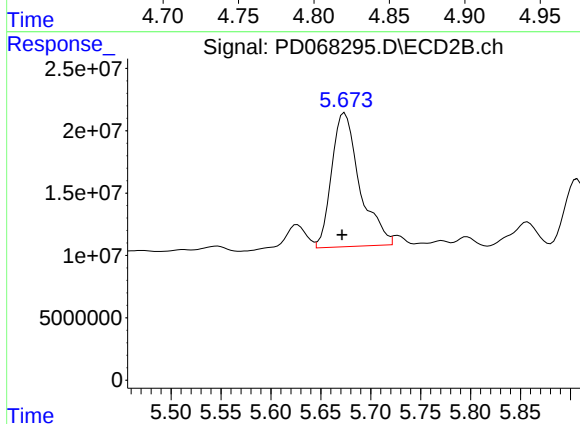
#23 Chlordane-1

R.T.: 5.200 min  
Delta R.T.: 0.001 min  
Response: 188768840  
Conc: 466.10 ng/ml



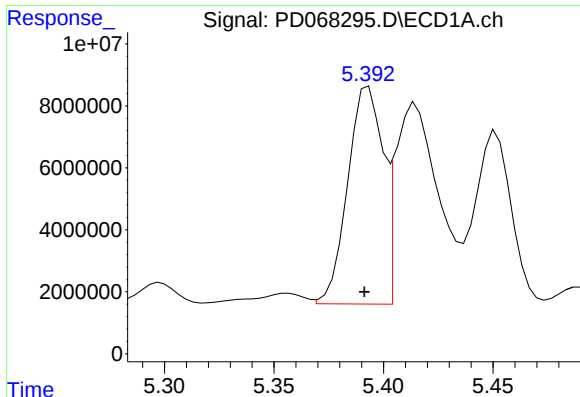
#24 Chlordane-2

R.T.: 4.824 min  
Delta R.T.: 0.002 min  
Response: 25956074  
Conc: 502.76 ng/ml



#24 Chlordane-2

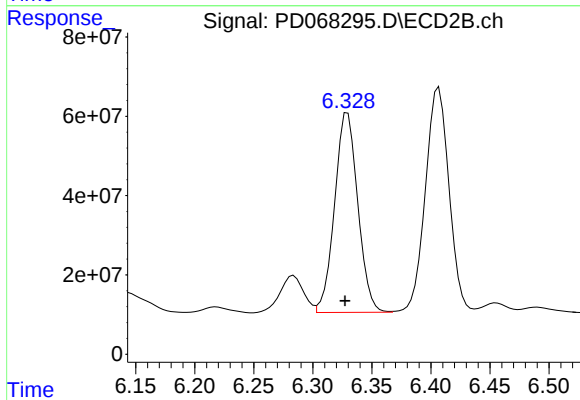
R.T.: 5.674 min  
Delta R.T.: 0.003 min  
Response: 210449148  
Conc: 523.49 ng/ml



#25 Chlordane-3

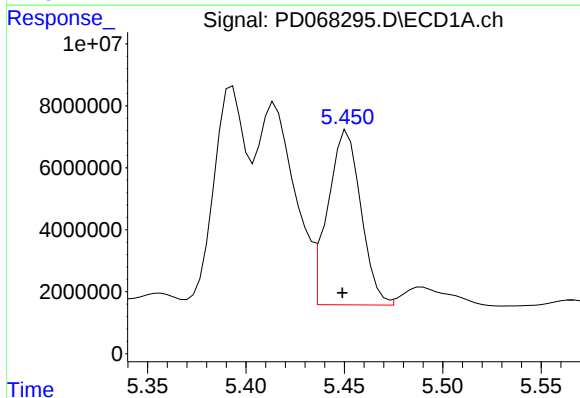
R.T.: 5.393 min  
Delta R.T.: 0.002 min  
Response: 78048904  
Conc: 545.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



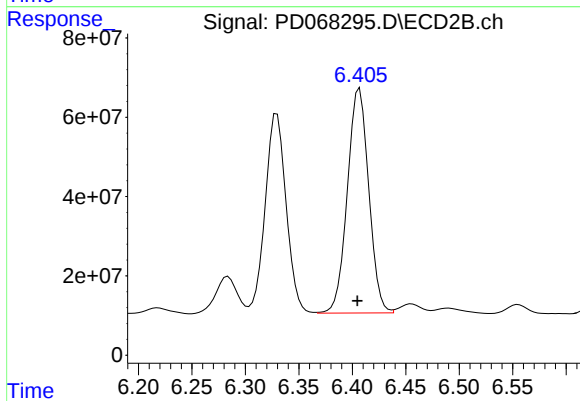
#25 Chlordane-3

R.T.: 6.329 min  
Delta R.T.: 0.002 min  
Response: 688702078  
Conc: 484.29 ng/ml



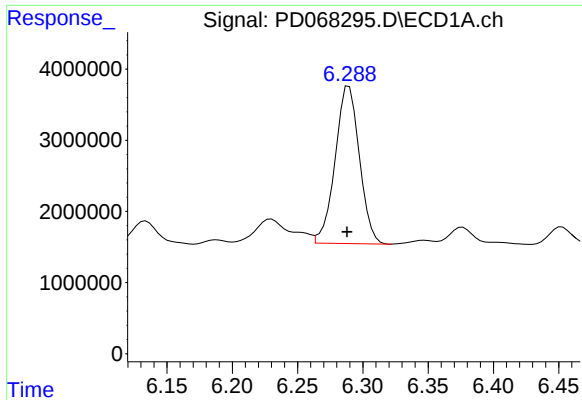
#26 Chlordane-4

R.T.: 5.451 min  
Delta R.T.: 0.002 min  
Response: 65775815  
Conc: 538.40 ng/ml



#26 Chlordane-4

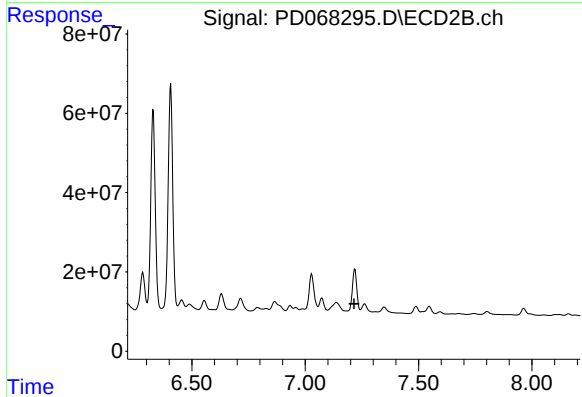
R.T.: 6.407 min  
Delta R.T.: 0.002 min  
Response: 789143699  
Conc: 489.61 ng/ml



#27 Chlordane-5

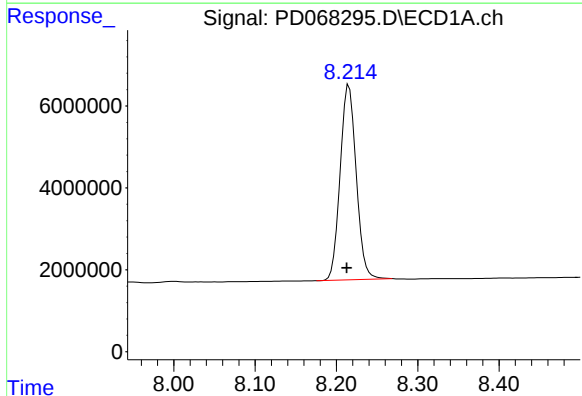
R.T.: 6.289 min  
Delta R.T.: 0.002 min  
Response: 28630228  
Conc: 581.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



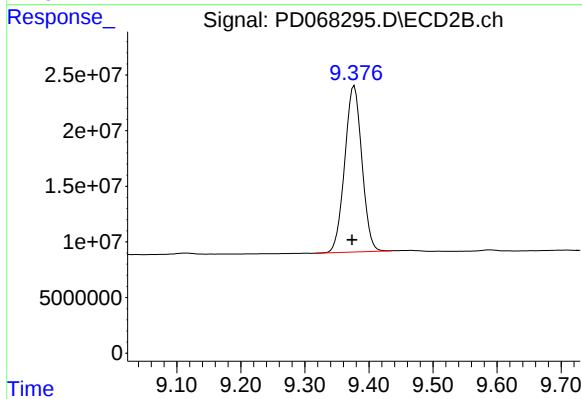
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.215 min  
Delta R.T.: 0.003 min  
Response: 65379127  
Conc: 56.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.377 min  
Delta R.T.: 0.004 min  
Response: 277829098  
Conc: 46.86 ng/ml