

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081623\  
 Data File : PD077198.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2023 17:06  
 Operator : AR\AJ  
 Sample : PB154845BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 00:08:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 14:17:41 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.544  | 2.762 | 43204696 | 25112260 | 18.257   | 18.436     |
| 28)                         | SA Decachlor... | 9.087  | 7.903 | 56458302 | 27240440 | 20.604   | 19.035     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.001  | 3.264 | 205.7E6  | 102.2E6  | 53.574   | 52.853     |
| 3)                          | MA gamma-BHC... | 4.334  | 3.593 | 189.0E6  | 94785781 | 51.357   | 50.951     |
| 4)                          | MA Heptachlor   | 4.925  | 3.933 | 199.8E6  | 99449854 | 55.419   | 54.743     |
| 5)                          | MB Aldrin       | 5.268  | 4.213 | 193.3E6  | 94995895 | 52.306   | 51.304     |
| 6)                          | B beta-BHC      | 4.531  | 3.891 | 76217105 | 38636510 | 50.648   | 50.644     |
| 7)                          | B delta-BHC     | 4.780  | 4.120 | 184.0E6  | 91712059 | 52.749   | 51.545     |
| 8)                          | B Heptachlo...  | 5.696  | 4.715 | 172.7E6  | 87744006 | 52.155   | 52.471     |
| 9)                          | A Endosulfan I  | 6.083  | 5.085 | 162.5E6  | 82848916 | 53.473   | 53.110     |
| 10)                         | B gamma-Chl...  | 5.953  | 4.966 | 174.7E6  | 87484665 | 53.683   | 52.740     |
| 11)                         | B alpha-Chl...  | 6.032  | 5.030 | 173.6E6  | 87057280 | 52.928   | 52.131     |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.219 | 159.1E6  | 76172200 | 53.624   | 52.526     |
| 13)                         | MA Dieldrin     | 6.359  | 5.350 | 170.4E6  | 87121427 | 52.061   | 51.717     |
| 14)                         | MA Endrin       | 6.590  | 5.626 | 143.8E6  | 76641223 | 51.738   | 52.378     |
| 15)                         | B Endosulfa...  | 6.809  | 5.920 | 137.6E6  | 70629670 | 43.250   | 47.915     |
| 16)                         | A 4,4'-DDD      | 6.723  | 5.773 | 126.5E6  | 60012440 | 53.749   | 53.965     |
| 17)                         | MA 4,4'-DDT     | 7.038  | 6.025 | 136.5E6  | 62560553 | 56.131   | 56.281     |
| 18)                         | B Endrin al...  | 6.940  | 6.100 | 110.3E6  | 56585192 | 50.502   | 49.706     |
| 19)                         | B Endosulfa...  | 7.175  | 6.323 | 136.8E6  | 70583307 | 52.503   | 52.923     |
| 20)                         | A Methoxychlor  | 7.515  | 6.600 | 72211413 | 31976169 | 50.965   | 53.477     |
| 21)                         | B Endrin ke...  | 7.661  | 6.829 | 156.3E6  | 82771322 | 51.881   | 52.205     |
| 22)                         | Mirex           | 8.136  | 7.011 | 118.0E6  | 66786772 | 51.732   | 51.581     |
| 24)                         | Chlordane-2     | 5.268f | 0.000 | 193.3E6  | 0        | 1593.958 | N.D. #     |
| 25)                         | Chlordane-3     | 5.953  | 4.966 | 174.7E6  | 87484665 | 368.904  | 536.133 #  |
| 26)                         | Chlordane-4     | 6.032  | 5.030 | 173.6E6  | 87057280 | 300.053  | 540.422 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.920 | 0        | 70629670 | N.D.     | 1182.190 # |
| -----                       |                 |        |       |          |          |          |            |

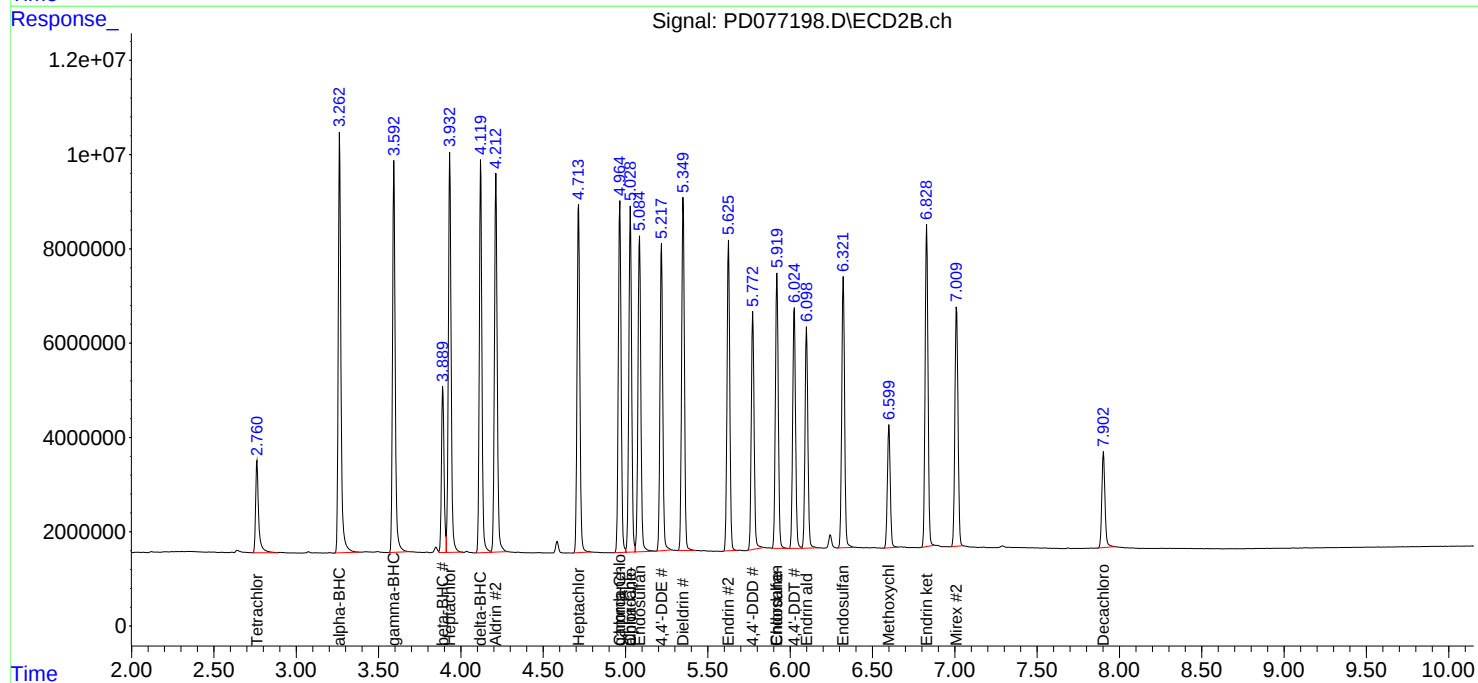
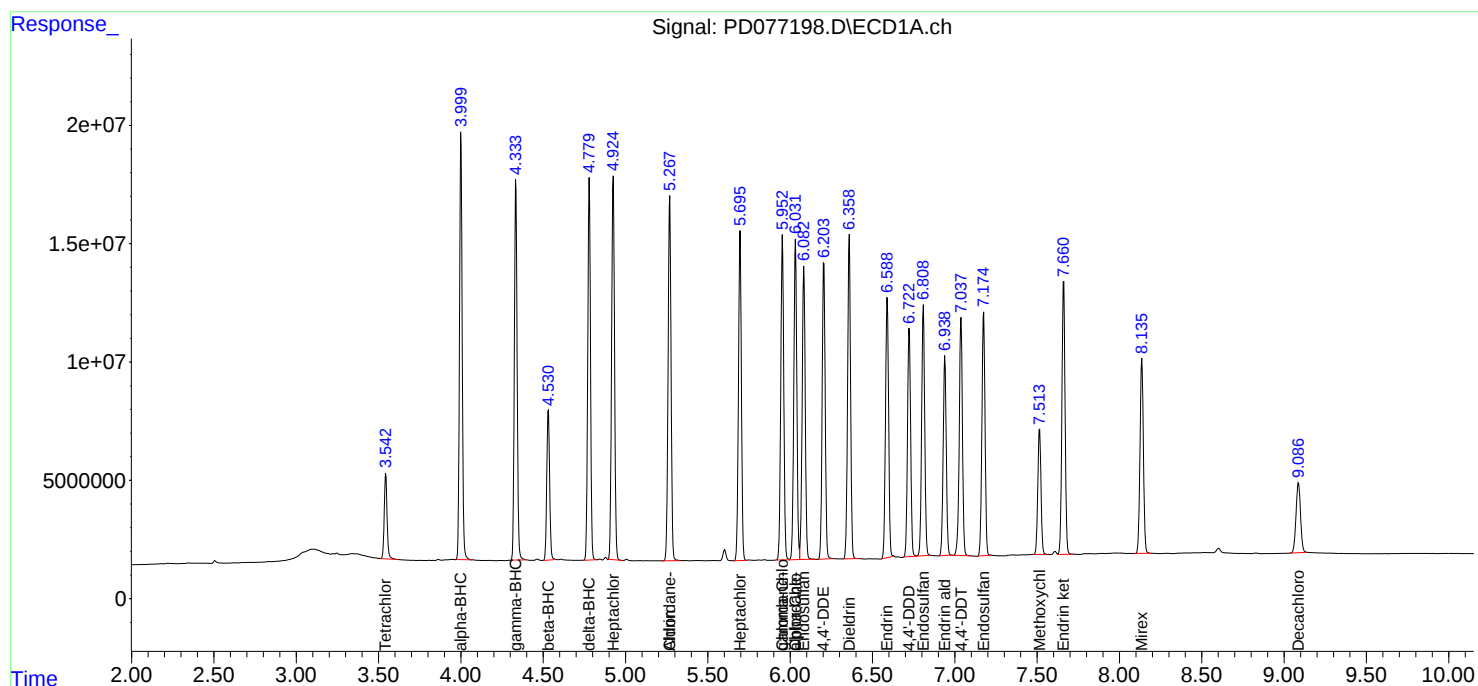
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

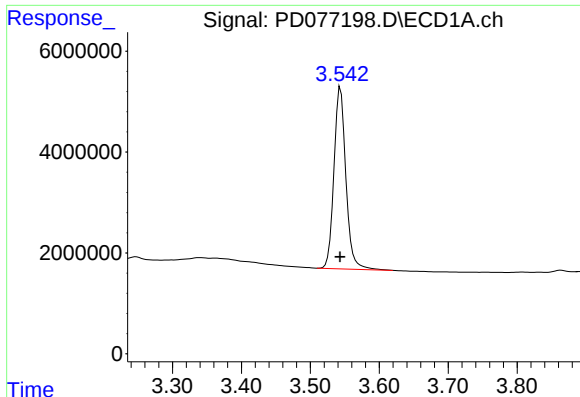
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081623\  
Data File : PD077198.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2023 17:06  
Operator : AR\AJ  
Sample : PB154845BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 00:08:16 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 14:17:41 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

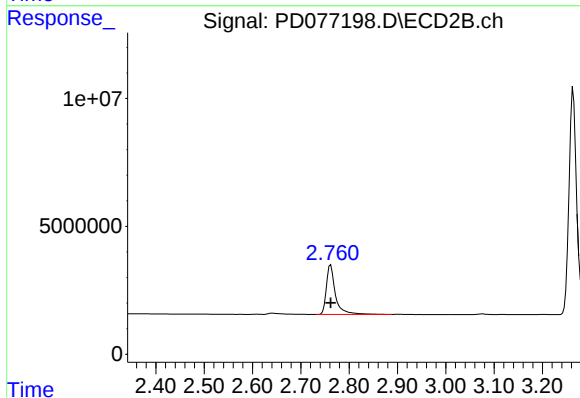




#1 Tetrachloro-m-xylene

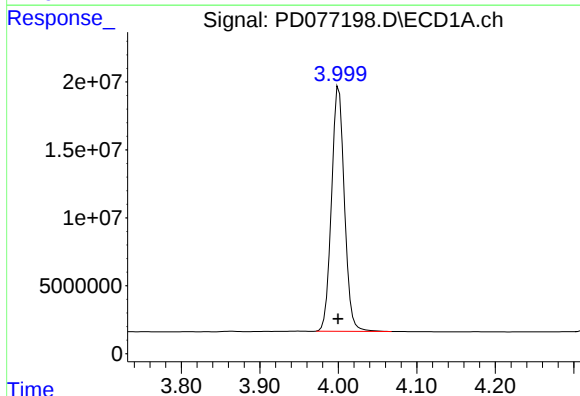
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 43204696  
Conc: 18.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



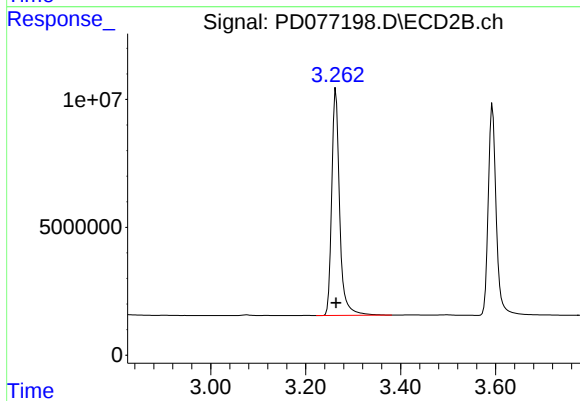
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 25112260  
Conc: 18.44 ng/ml



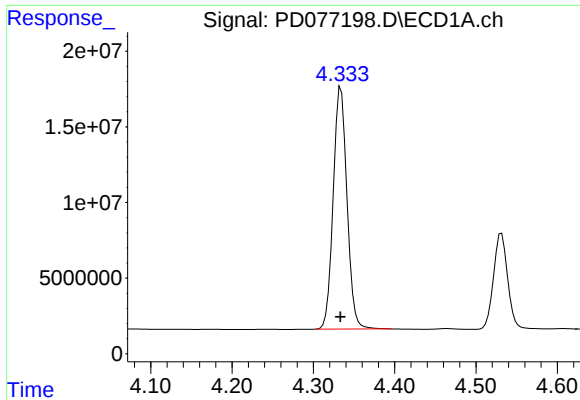
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.001 min  
Response: 205708862  
Conc: 53.57 ng/ml



#2 alpha-BHC

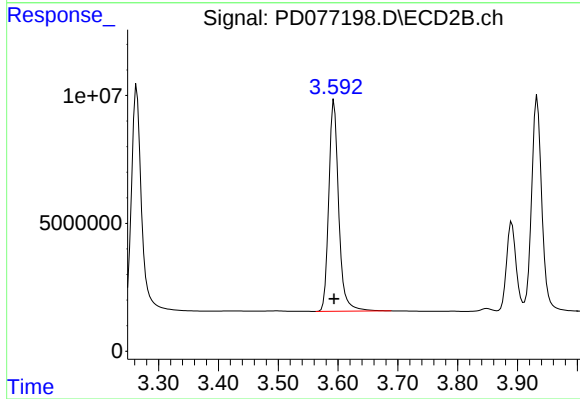
R.T.: 3.264 min  
Delta R.T.: 0.000 min  
Response: 102236288  
Conc: 52.85 ng/ml



#3 gamma-BHC (Lindane)

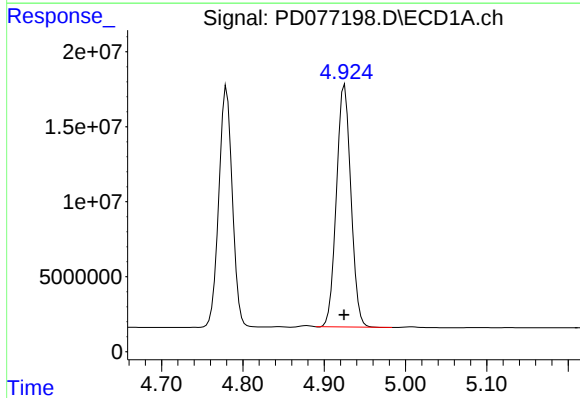
R.T.: 4.334 min  
Delta R.T.: 0.000 min  
Response: 189030117  
Conc: 51.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



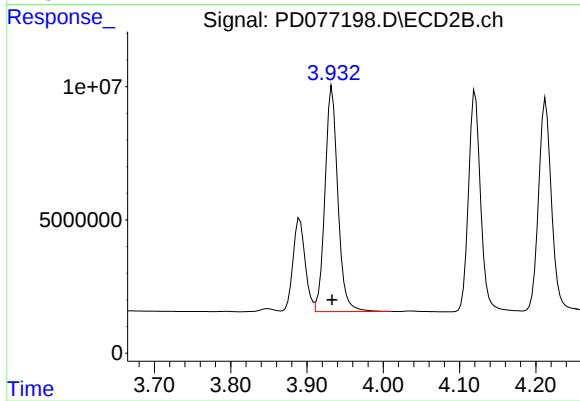
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.000 min  
Response: 94785781  
Conc: 50.95 ng/ml



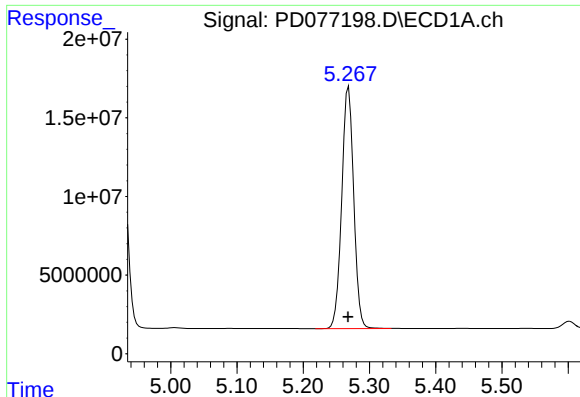
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.001 min  
Response: 199843364  
Conc: 55.42 ng/ml



#4 Heptachlor

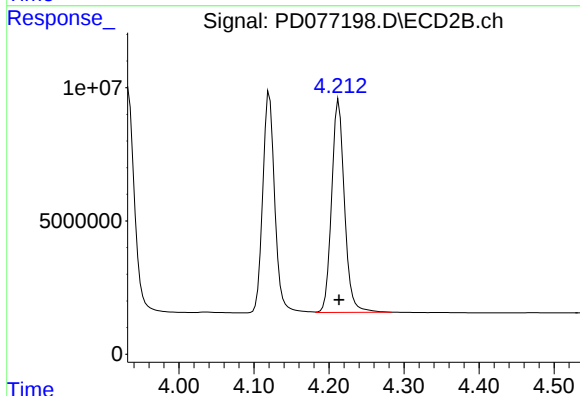
R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 99449854  
Conc: 54.74 ng/ml



#5 Aldrin

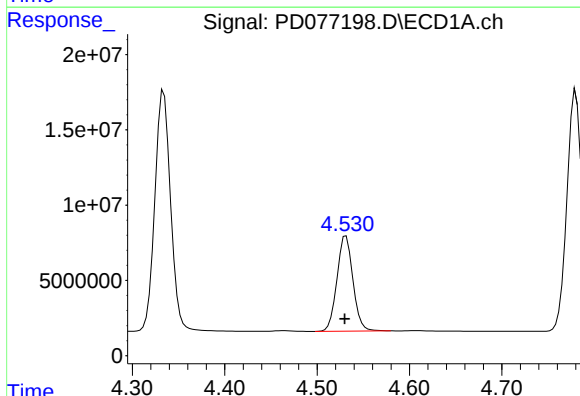
R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: 193303009  
Conc: 52.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



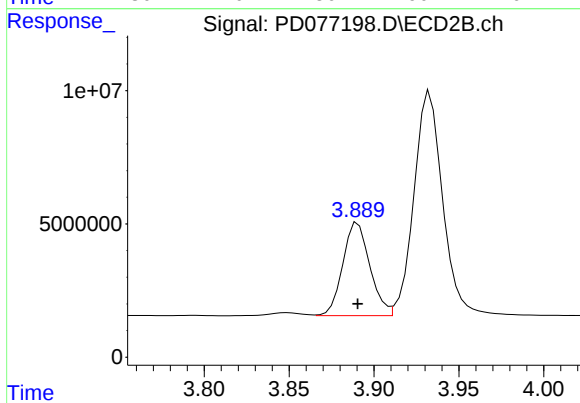
#5 Aldrin

R.T.: 4.213 min  
Delta R.T.: 0.000 min  
Response: 94995895  
Conc: 51.30 ng/ml



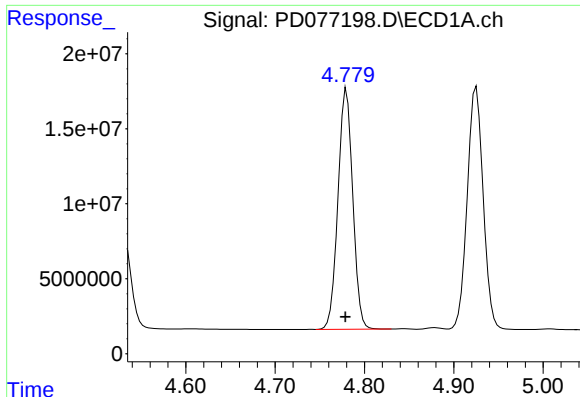
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.001 min  
Response: 76217105  
Conc: 50.65 ng/ml



#6 beta-BHC

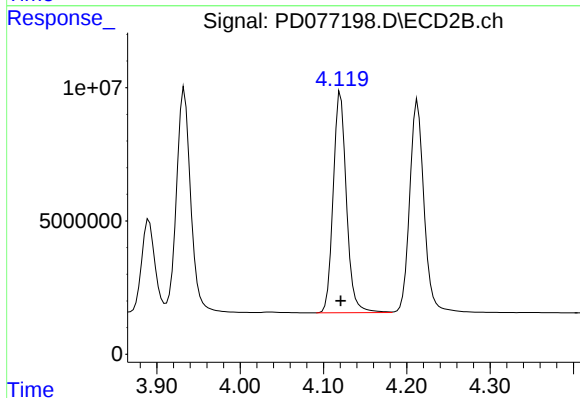
R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 38636510  
Conc: 50.64 ng/ml



#7 delta-BHC

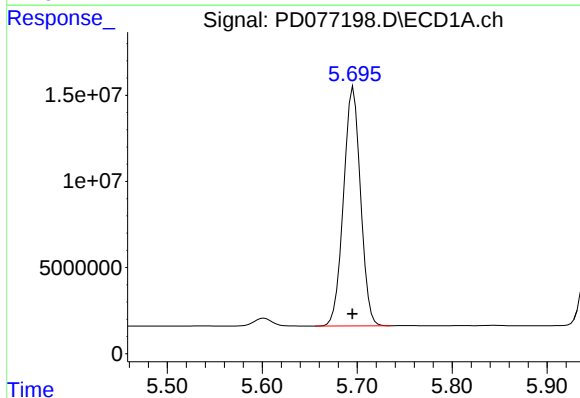
R.T.: 4.780 min  
Delta R.T.: 0.001 min  
Response: 184023760  
Conc: 52.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



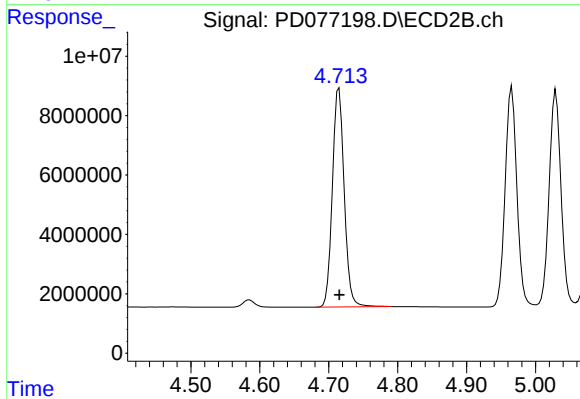
#7 delta-BHC

R.T.: 4.120 min  
Delta R.T.: 0.000 min  
Response: 91712059  
Conc: 51.55 ng/ml



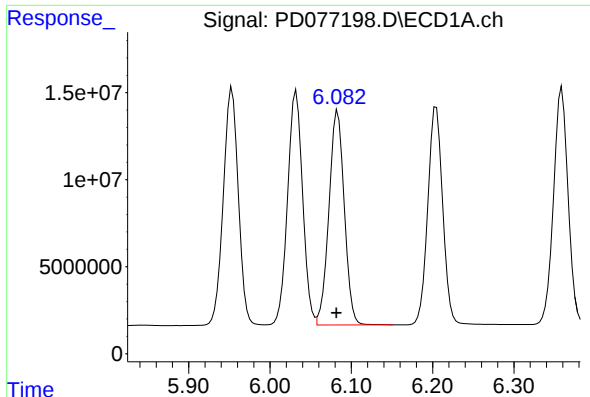
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.001 min  
Response: 172693800  
Conc: 52.15 ng/ml



#8 Heptachlor epoxide

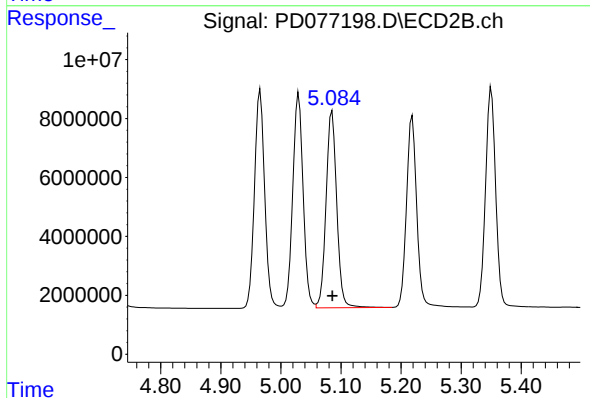
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 87744006  
Conc: 52.47 ng/ml



#9 Endosulfan I

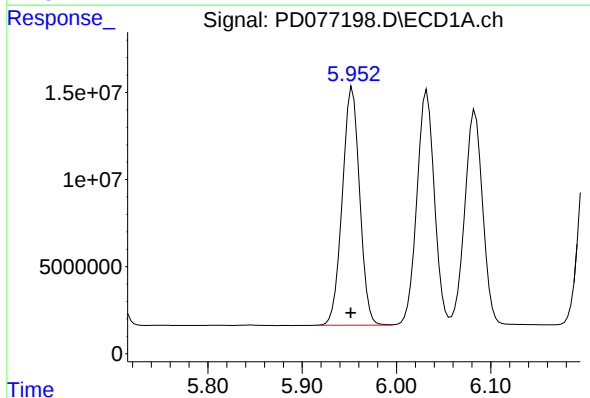
R.T.: 6.083 min  
Delta R.T.: 0.002 min  
Response: 162511904  
Conc: 53.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



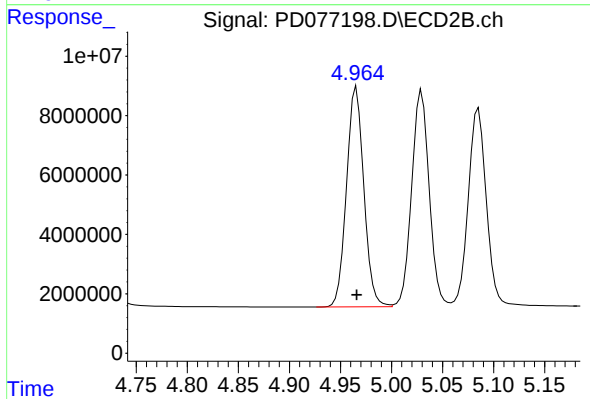
#9 Endosulfan I

R.T.: 5.085 min  
Delta R.T.: 0.000 min  
Response: 82848916  
Conc: 53.11 ng/ml



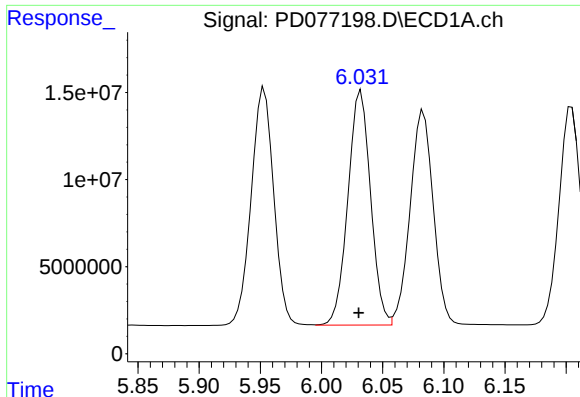
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.002 min  
Response: 174722494  
Conc: 53.68 ng/ml



#10 gamma-Chlordane

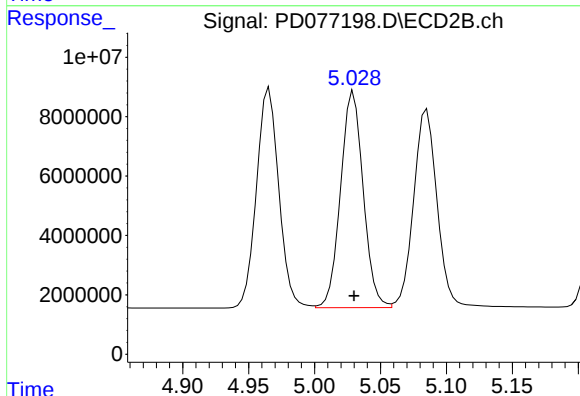
R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 87484665  
Conc: 52.74 ng/ml



#11 alpha-Chlordane

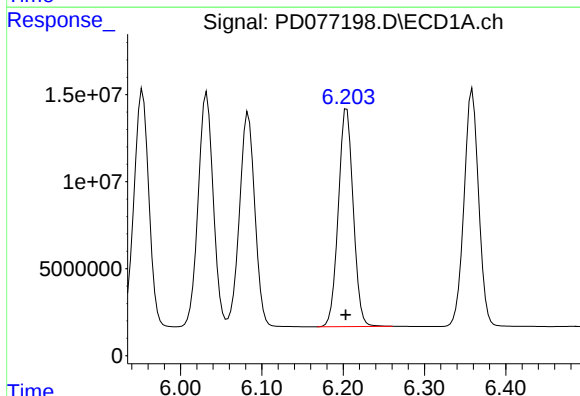
R.T.: 6.032 min  
Delta R.T.: 0.002 min  
Response: 173559942  
Conc: 52.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



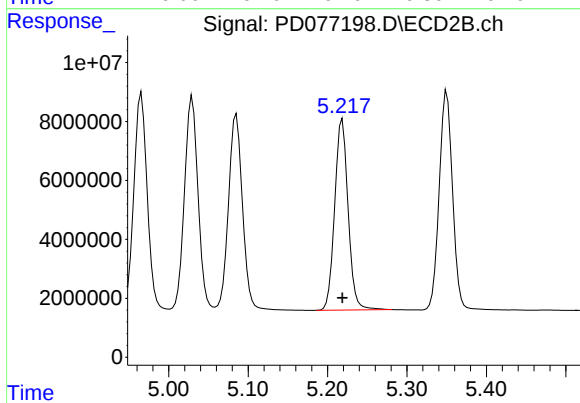
#11 alpha-Chlordane

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 87057280  
Conc: 52.13 ng/ml



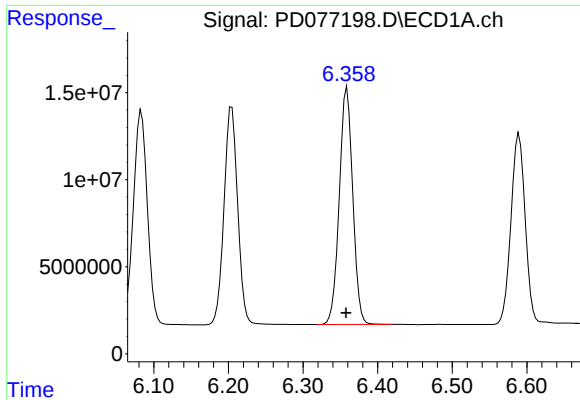
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: 0.001 min  
Response: 159073735  
Conc: 53.62 ng/ml



#12 4,4'-DDE

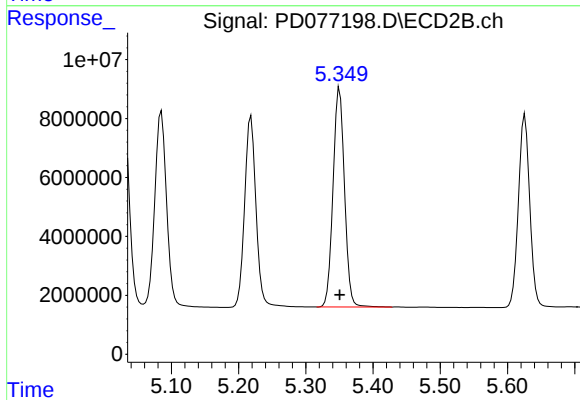
R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 76172200  
Conc: 52.53 ng/ml



#13 Dieldrin

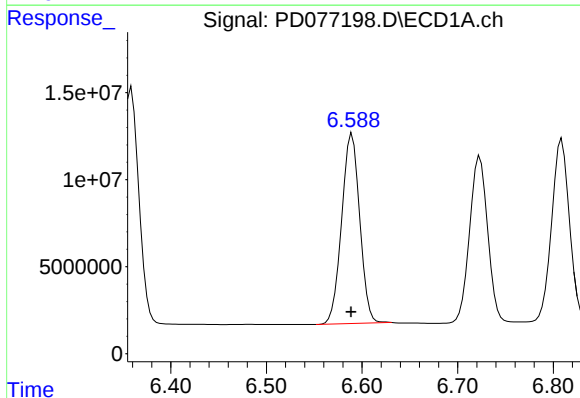
R.T.: 6.359 min  
Delta R.T.: 0.001 min  
Response: 170436661  
Conc: 52.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



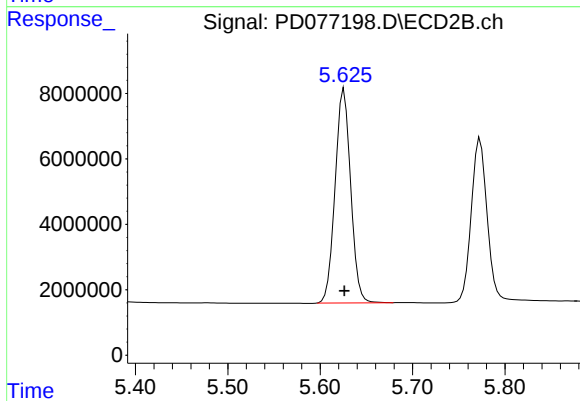
#13 Dieldrin

R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 87121427  
Conc: 51.72 ng/ml



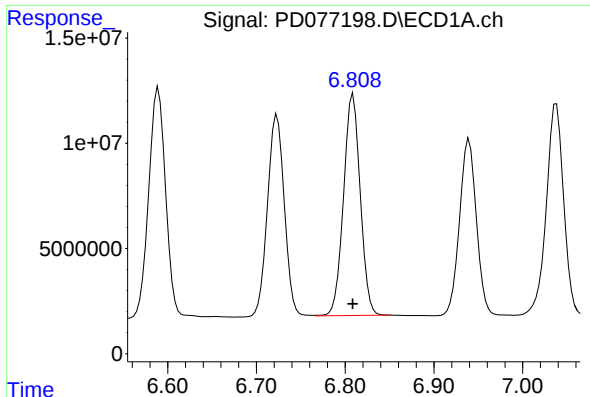
#14 Endrin

R.T.: 6.590 min  
Delta R.T.: 0.001 min  
Response: 143764884  
Conc: 51.74 ng/ml



#14 Endrin

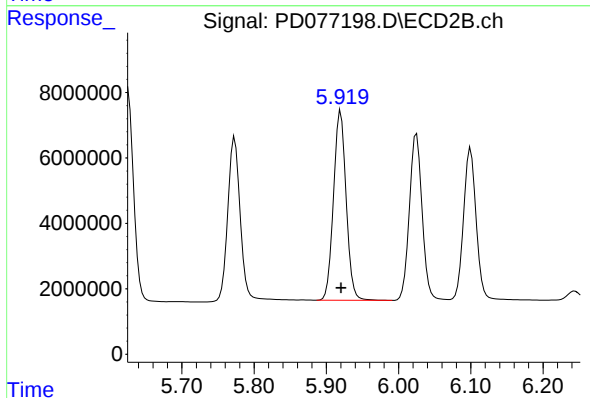
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 76641223  
Conc: 52.38 ng/ml



#15 Endosulfan II

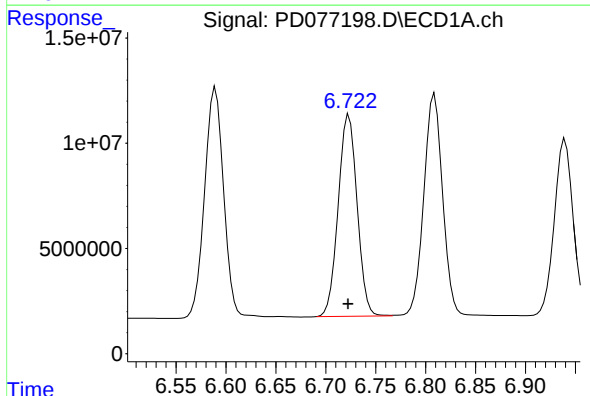
R.T.: 6.809 min  
Delta R.T.: 0.000 min  
Response: 137613097  
Conc: 43.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



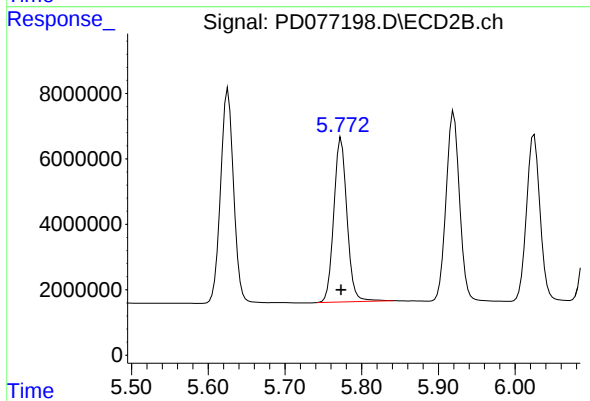
#15 Endosulfan II

R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 70629670  
Conc: 47.92 ng/ml



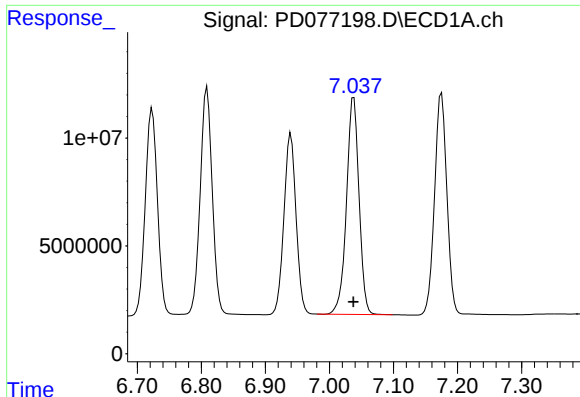
#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: 0.001 min  
Response: 126450416  
Conc: 53.75 ng/ml



#16 4,4'-DDD

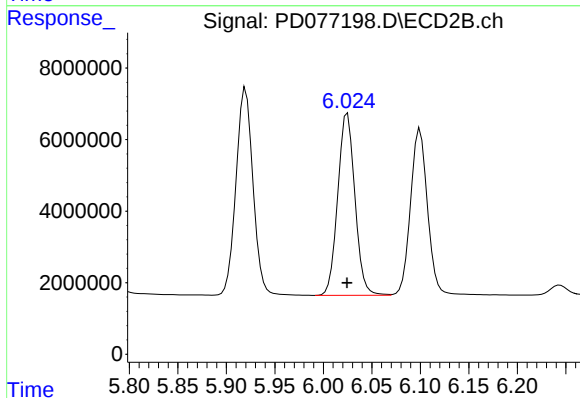
R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 60012440  
Conc: 53.96 ng/ml



#17 4,4'-DDT

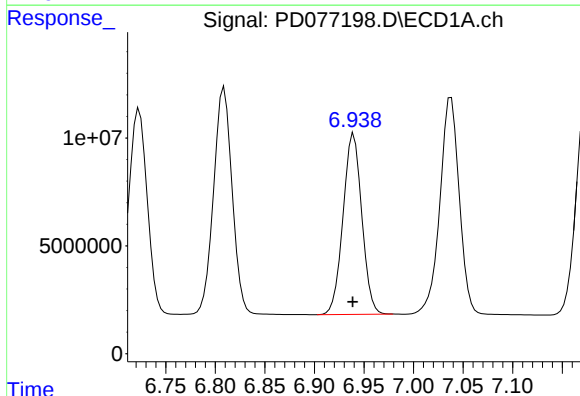
R.T.: 7.038 min  
Delta R.T.: 0.000 min  
Response: 136489012  
Conc: 56.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



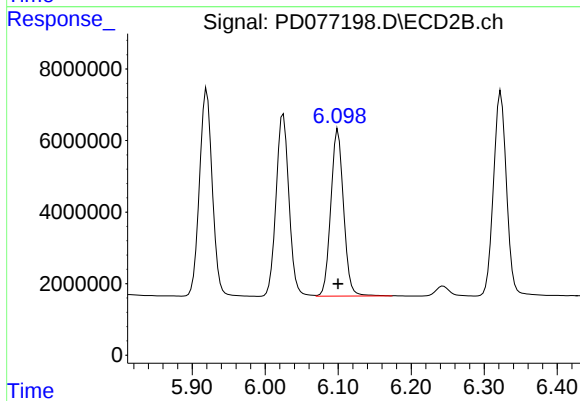
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 62560553  
Conc: 56.28 ng/ml



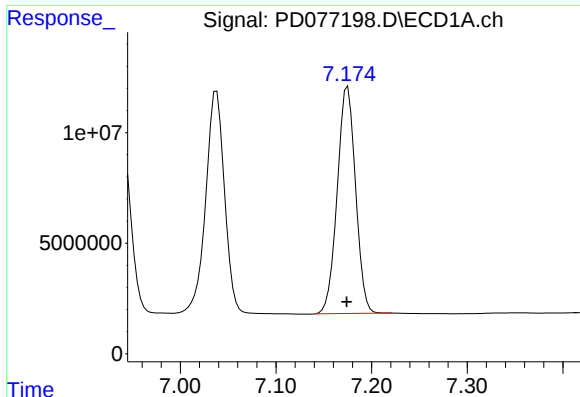
#18 Endrin aldehyde

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 110323473  
Conc: 50.50 ng/ml



#18 Endrin aldehyde

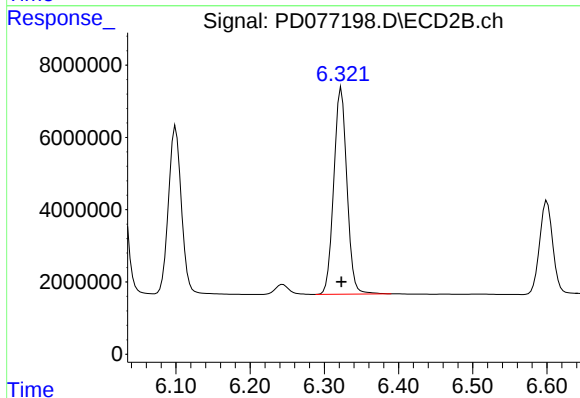
R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 56585192  
Conc: 49.71 ng/ml



#19 Endosulfan Sulfate

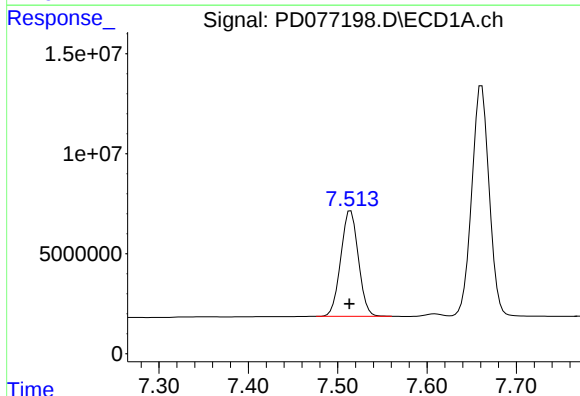
R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 136791765  
Conc: 52.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



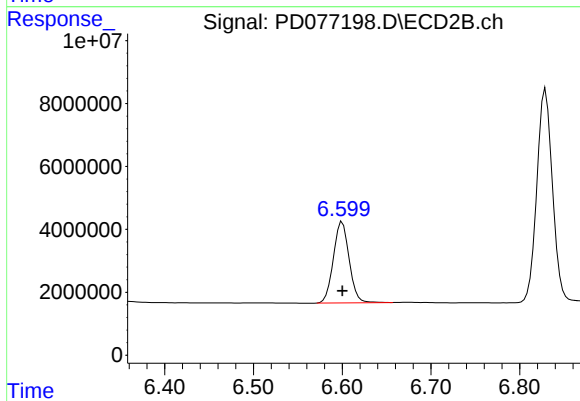
#19 Endosulfan Sulfate

R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 70583307  
Conc: 52.92 ng/ml



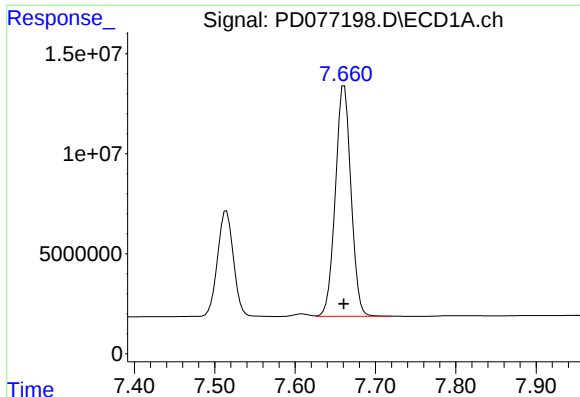
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.001 min  
Response: 72211413  
Conc: 50.97 ng/ml



#20 Methoxychlor

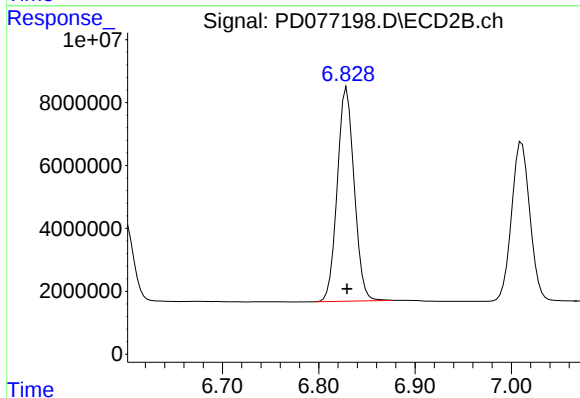
R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 31976169  
Conc: 53.48 ng/ml



#21 Endrin ketone

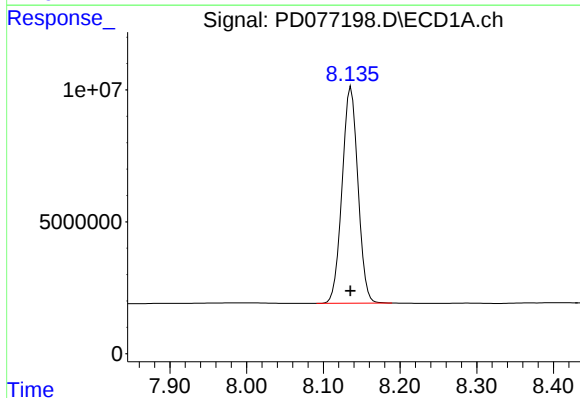
R.T.: 7.661 min  
Delta R.T.: 0.000 min  
Response: 156252364  
Conc: 51.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



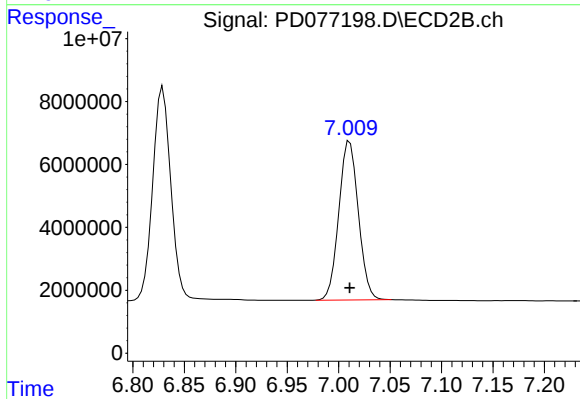
#21 Endrin ketone

R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 82771322  
Conc: 52.21 ng/ml



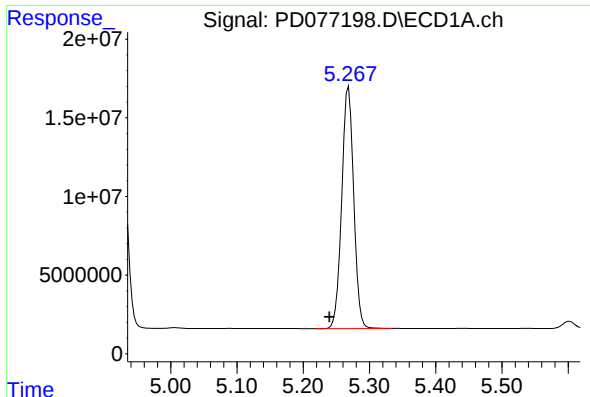
#22 Mirex

R.T.: 8.136 min  
Delta R.T.: 0.000 min  
Response: 117994628  
Conc: 51.73 ng/ml



#22 Mirex

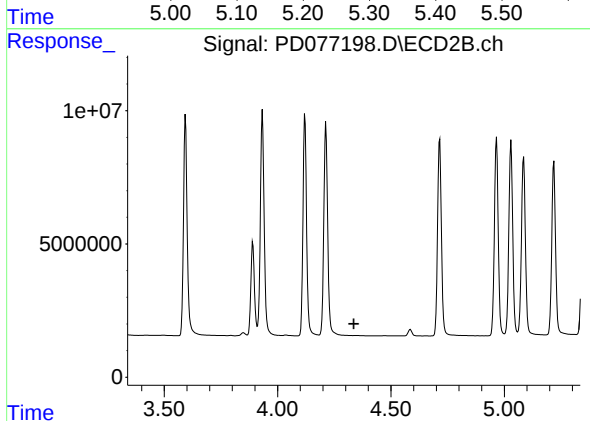
R.T.: 7.011 min  
Delta R.T.: 0.000 min  
Response: 66786772  
Conc: 51.58 ng/ml



#24 Chlordane-2

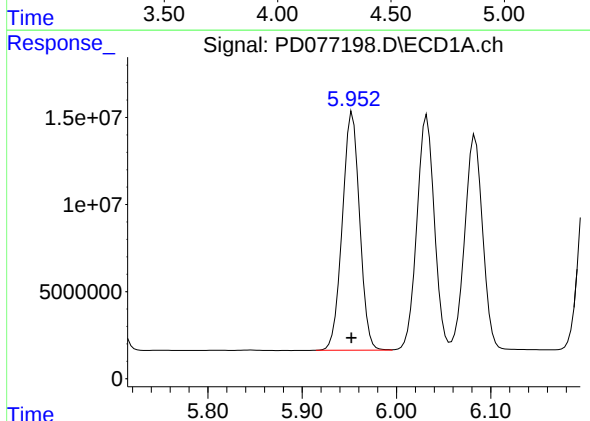
R.T.: 5.268 min  
Delta R.T.: 0.029 min  
Response: 193303009  
Conc: 1593.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



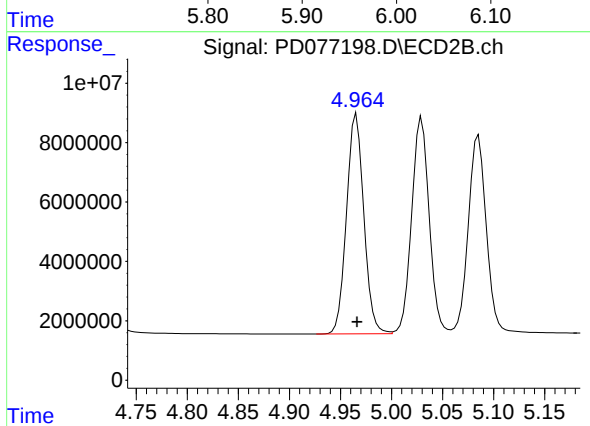
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.336 min  
Response: 0  
Conc: N.D.



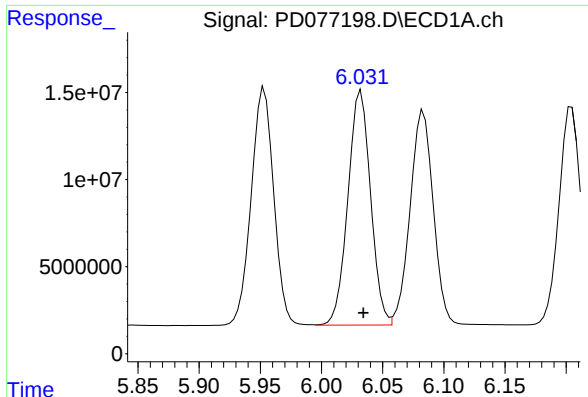
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: 0.001 min  
Response: 174722494  
Conc: 368.90 ng/ml



#25 Chlordane-3

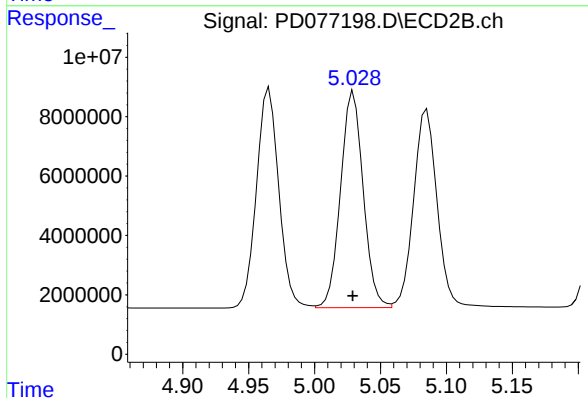
R.T.: 4.966 min  
Delta R.T.: 0.000 min  
Response: 87484665  
Conc: 536.13 ng/ml



#26 Chlordane-4

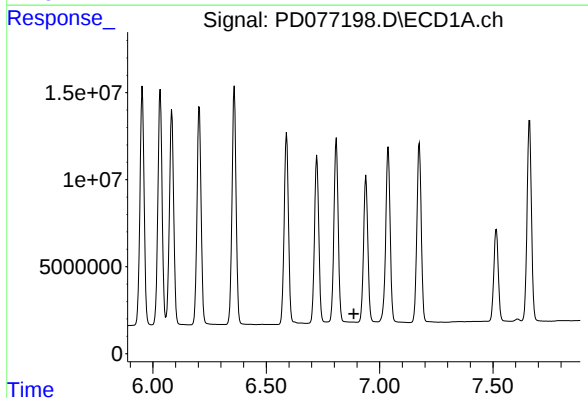
R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 173559942  
Conc: 300.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



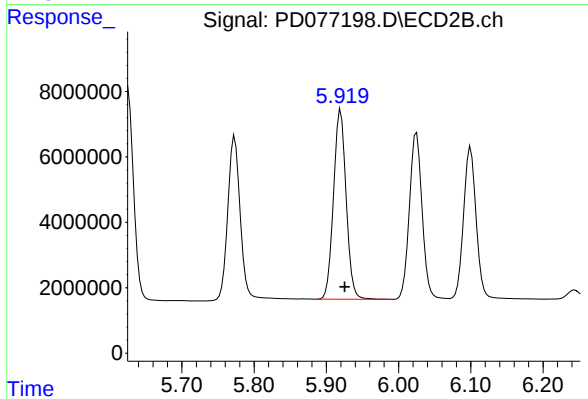
#26 Chlordane-4

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 87057280  
Conc: 540.42 ng/ml



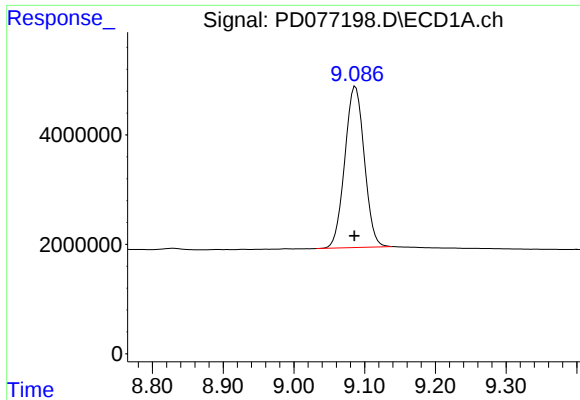
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.886 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

R.T.: 5.920 min  
Delta R.T.: -0.005 min  
Response: 70629670  
Conc: 1182.19 ng/ml



#28 Decachlorobiphenyl

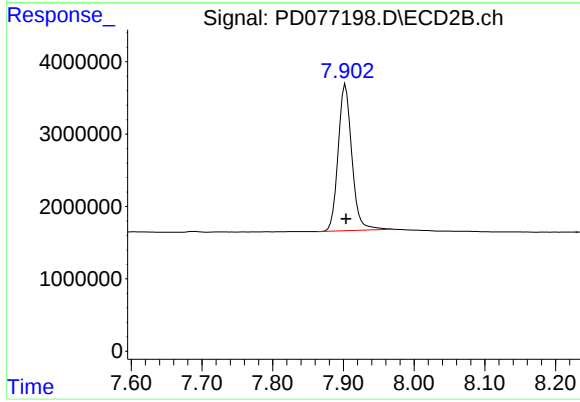
R.T.: 9.087 min

Delta R.T.: 0.002 min

Response: 56458302

Conc: 20.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.903 min

Delta R.T.: 0.000 min

Response: 27240440

Conc: 19.03 ng/ml