

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081023\  
 Data File : PD077084.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2023 17:53  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 11 06:31:01 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... | 3.543 | 2.762 | 120.3E6  | 69700939 | 50.851 | 51.171 |
| 28)                         | SA Decachlor... | 9.086 | 7.904 | 144.5E6  | 74039348 | 52.732 | 51.736 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.999 | 3.264 | 203.3E6  | 103.1E6  | 52.948 | 53.325 |
| 3)                          | MA gamma-BHC... | 4.333 | 3.593 | 194.7E6  | 99463374 | 52.892 | 53.465 |
| 4)                          | MA Heptachlor   | 4.924 | 3.933 | 191.4E6  | 96275502 | 53.084 | 52.996 |
| 5)                          | MB Aldrin       | 5.267 | 4.213 | 196.6E6  | 99516749 | 53.207 | 53.746 |
| 6)                          | B beta-BHC      | 4.530 | 3.890 | 76408553 | 39680752 | 50.775 | 52.013 |
| 7)                          | B delta-BHC     | 4.778 | 4.120 | 192.3E6  | 97438157 | 55.128 | 54.764 |
| 8)                          | B Heptachlo...  | 5.695 | 4.715 | 172.8E6  | 88554548 | 52.173 | 52.955 |
| 9)                          | A Endosulfan I  | 6.081 | 5.085 | 158.5E6  | 81909881 | 52.145 | 52.508 |
| 10)                         | B gamma-Chl...  | 5.952 | 4.965 | 171.1E6  | 88392260 | 52.565 | 53.287 |
| 11)                         | B alpha-Chl...  | 6.031 | 5.029 | 171.5E6  | 88505209 | 52.288 | 52.998 |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.218 | 158.2E6  | 81717029 | 53.323 | 56.350 |
| 13)                         | MA Dieldrin     | 6.358 | 5.350 | 172.6E6  | 90412734 | 52.714 | 53.671 |
| 14)                         | MA Endrin       | 6.588 | 5.626 | 142.7E6  | 76897003 | 51.364 | 52.553 |
| 15)                         | B Endosulfa...  | 6.809 | 5.920 | 143.8E6  | 75906873 | 45.205 | 51.496 |
| 16)                         | A 4,4'-DDD      | 6.722 | 5.773 | 128.8E6  | 65414244 | 54.749 | 58.822 |
| 17)                         | MA 4,4'-DDT     | 7.037 | 6.025 | 130.9E6  | 66450935 | 53.835 | 59.780 |
| 18)                         | B Endrin al...  | 6.939 | 6.100 | 113.3E6  | 60477213 | 51.872 | 53.125 |
| 19)                         | B Endosulfa...  | 7.174 | 6.323 | 134.2E6  | 71911064 | 51.509 | 53.918 |
| 20)                         | A Methoxychlor  | 7.514 | 6.600 | 73736095 | 35409167 | 52.042 | 59.219 |
| 21)                         | B Endrin ke...  | 7.661 | 6.830 | 159.3E6  | 86853944 | 52.901 | 54.780 |
| 22)                         | Mirex           | 8.136 | 7.011 | 116.1E6  | 67620048 | 50.888 | 52.224 |
| -----                       |                 |       |       |          |          |        |        |

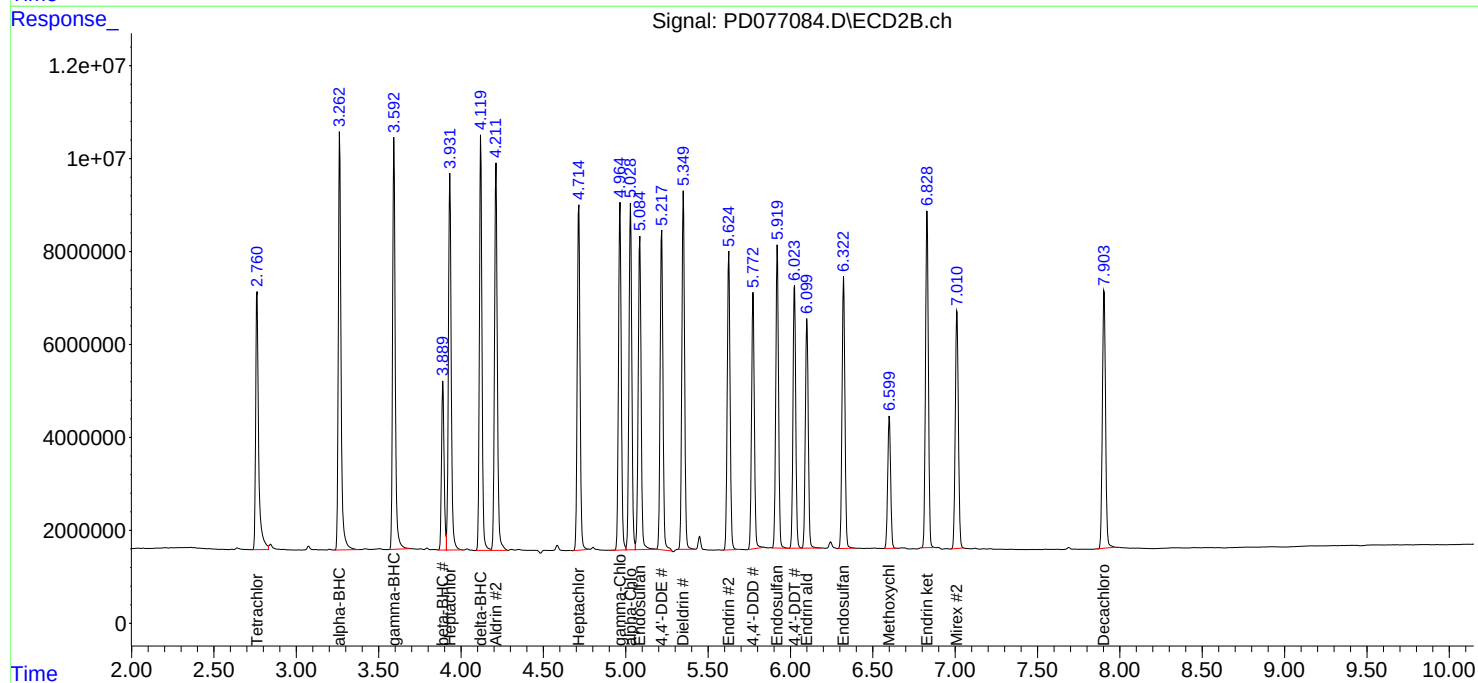
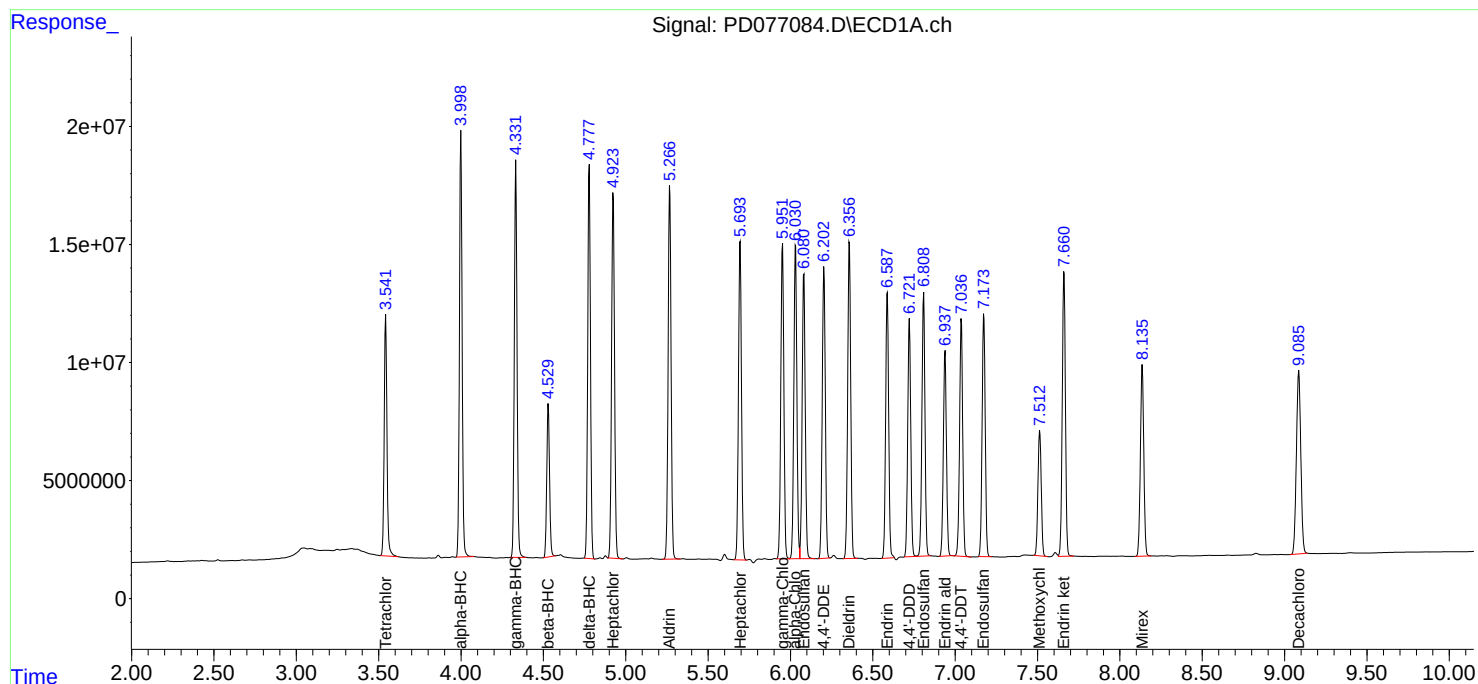
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

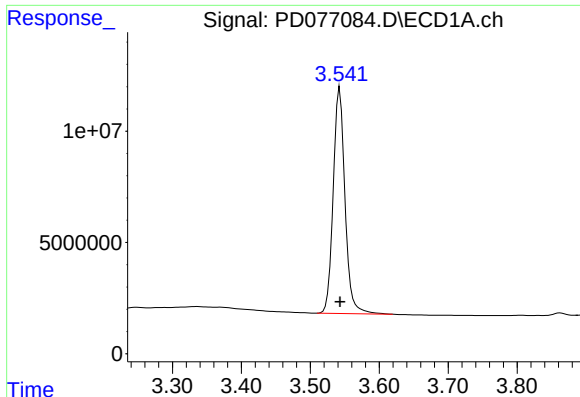
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081023\  
Data File : PD077084.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2023 17:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 11 06:31:01 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  
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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

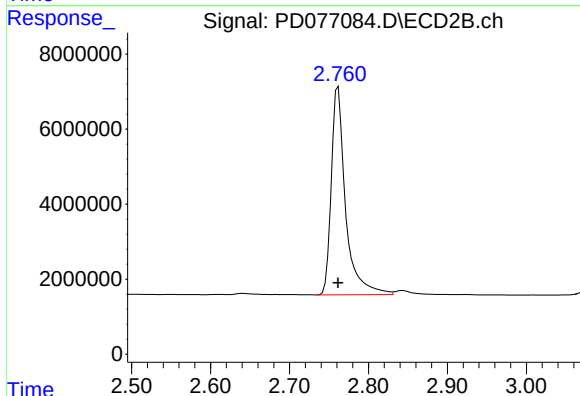




#1 Tetrachloro-m-xylene

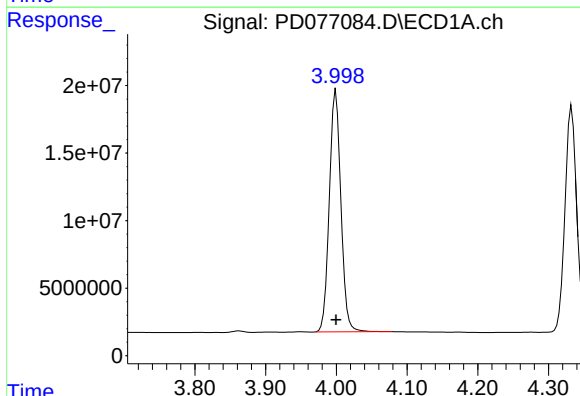
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 120339385  
Conc: 50.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



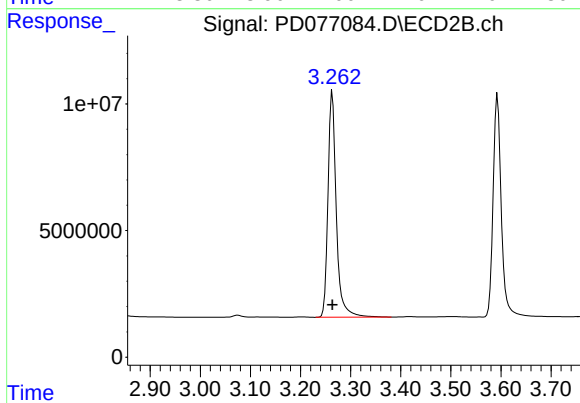
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 69700939  
Conc: 51.17 ng/ml



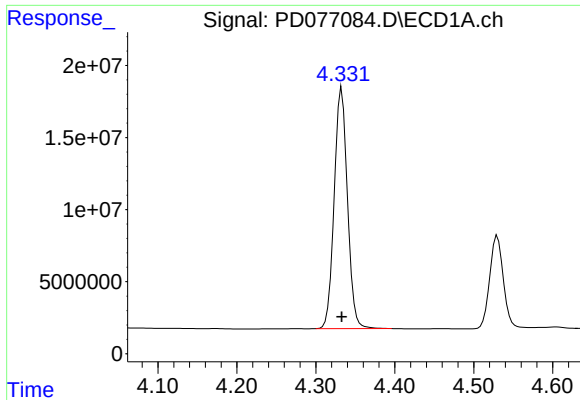
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 203306363  
Conc: 52.95 ng/ml



#2 alpha-BHC

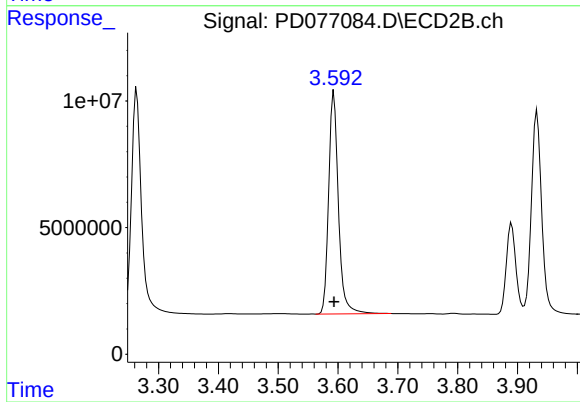
R.T.: 3.264 min  
Delta R.T.: 0.000 min  
Response: 103149346  
Conc: 53.32 ng/ml



#3 gamma-BHC (Lindane)

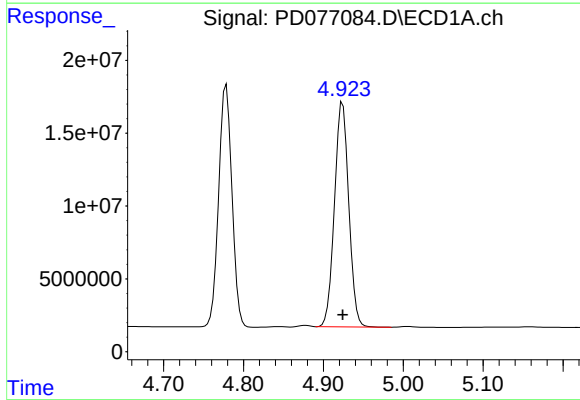
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 194680177  
Conc: 52.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



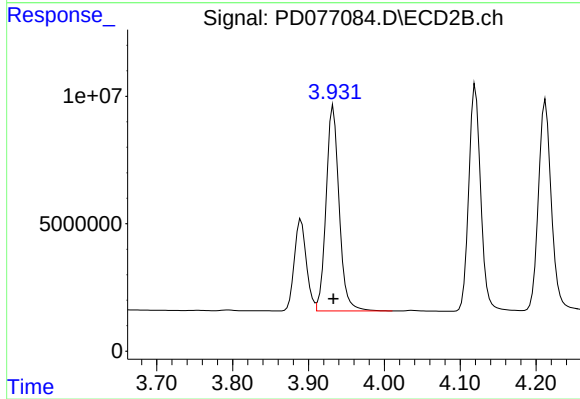
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.000 min  
Response: 99463374  
Conc: 53.46 ng/ml



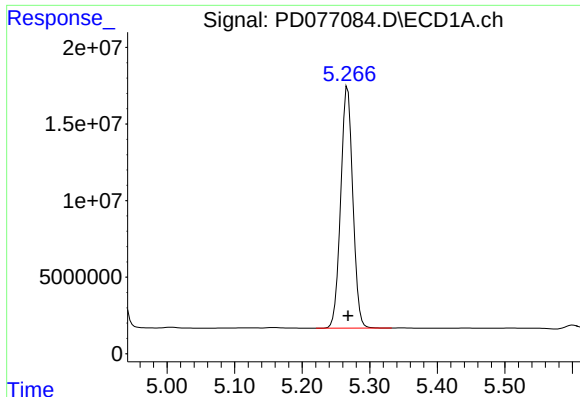
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 191423602  
Conc: 53.08 ng/ml



#4 Heptachlor

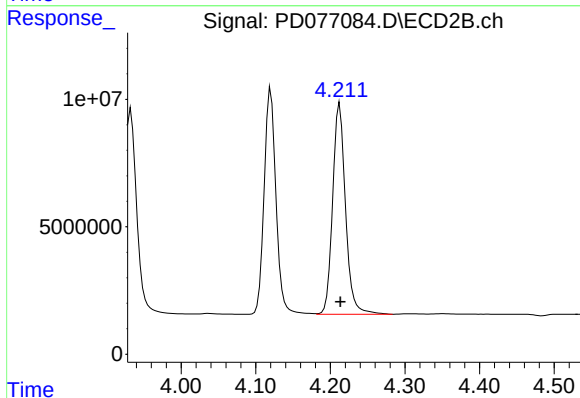
R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 96275502  
Conc: 53.00 ng/ml



#5 Aldrin

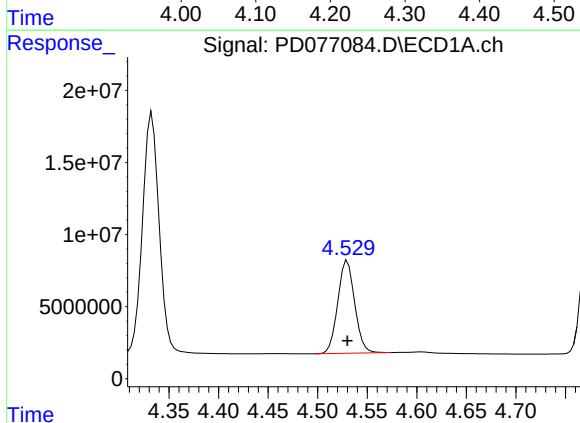
R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 196632451  
Conc: 53.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



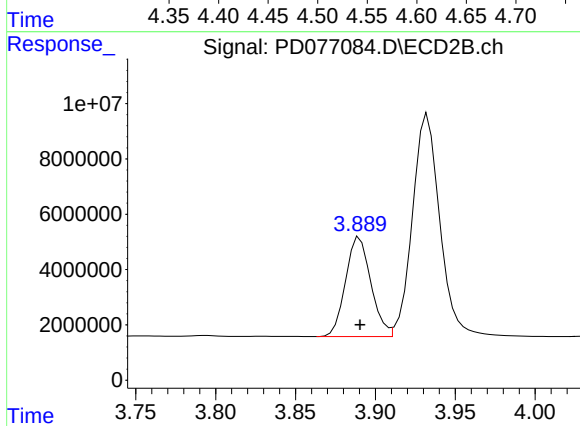
#5 Aldrin

R.T.: 4.213 min  
Delta R.T.: 0.000 min  
Response: 99516749  
Conc: 53.75 ng/ml



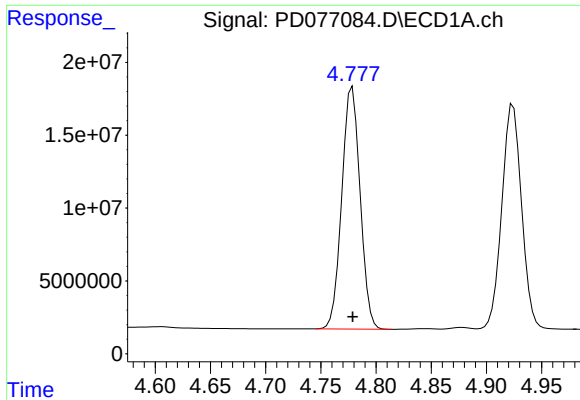
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 76408553  
Conc: 50.78 ng/ml



#6 beta-BHC

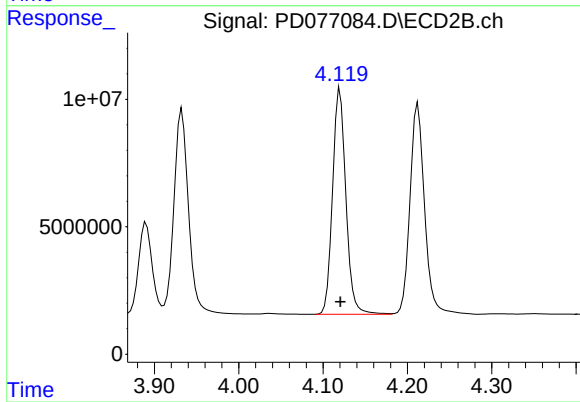
R.T.: 3.890 min  
Delta R.T.: 0.000 min  
Response: 39680752  
Conc: 52.01 ng/ml



#7 delta-BHC

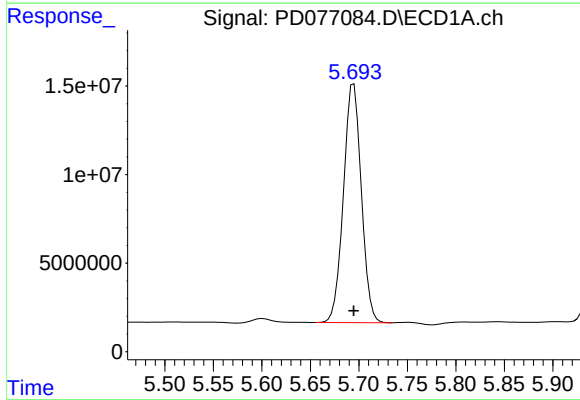
R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 192322263  
Conc: 55.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



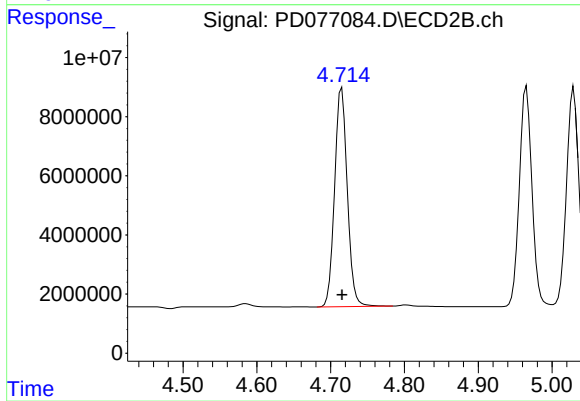
#7 delta-BHC

R.T.: 4.120 min  
Delta R.T.: 0.000 min  
Response: 97438157  
Conc: 54.76 ng/ml



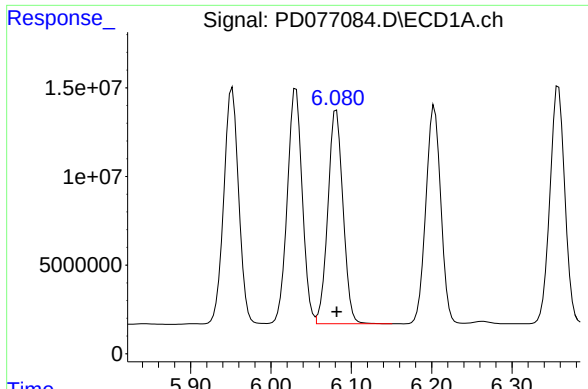
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: 0.000 min  
Response: 172752411  
Conc: 52.17 ng/ml



#8 Heptachlor epoxide

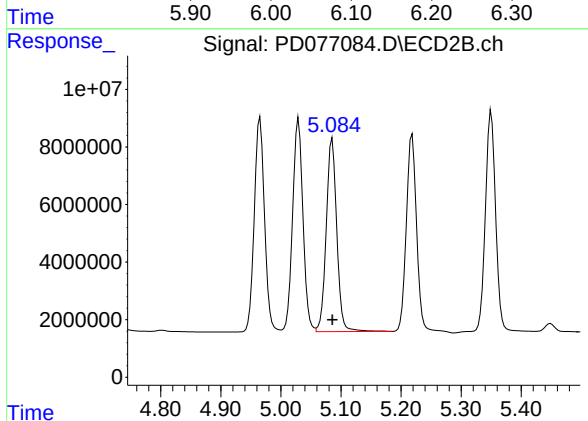
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 88554548  
Conc: 52.96 ng/ml



#9 Endosulfan I

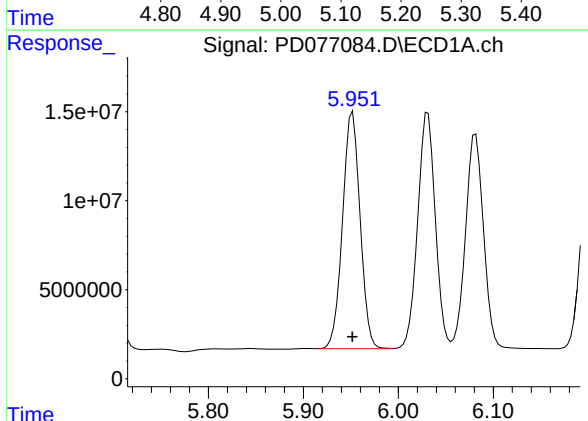
R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 158477317  
Conc: 52.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



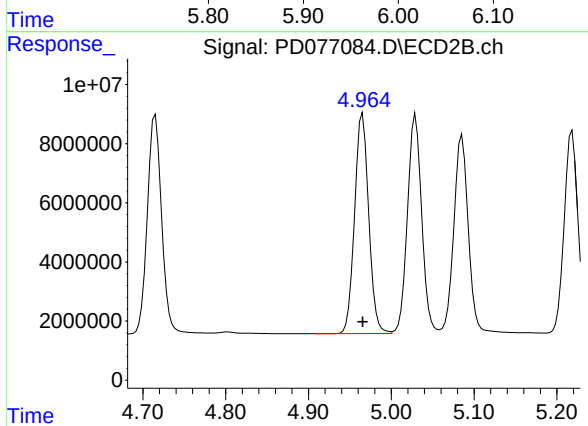
#9 Endosulfan I

R.T.: 5.085 min  
Delta R.T.: 0.000 min  
Response: 81909881  
Conc: 52.51 ng/ml



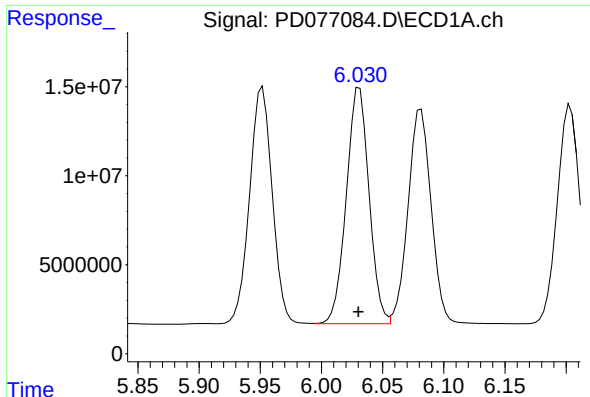
#10 gamma-Chlordane

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 171082587  
Conc: 52.57 ng/ml



#10 gamma-Chlordane

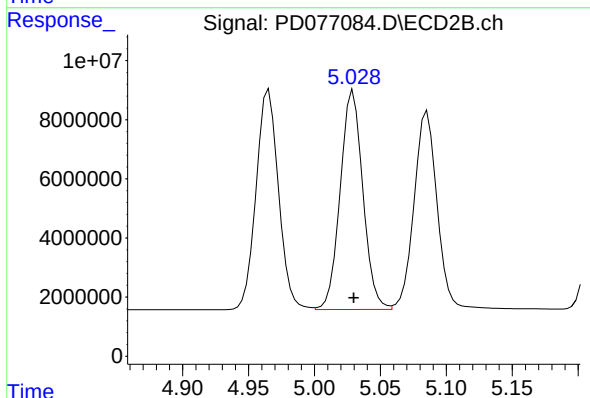
R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 88392260  
Conc: 53.29 ng/ml



#11 alpha-Chlordane

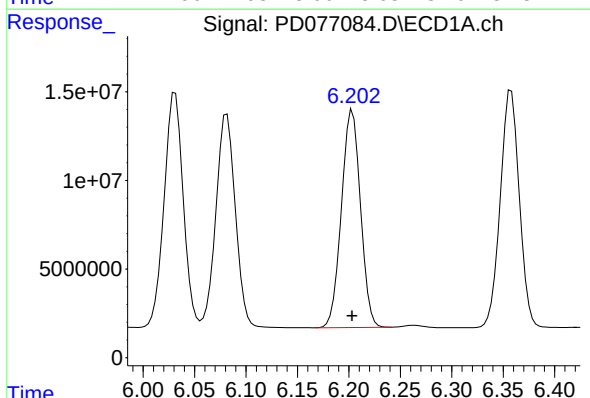
R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 171459827  
Conc: 52.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



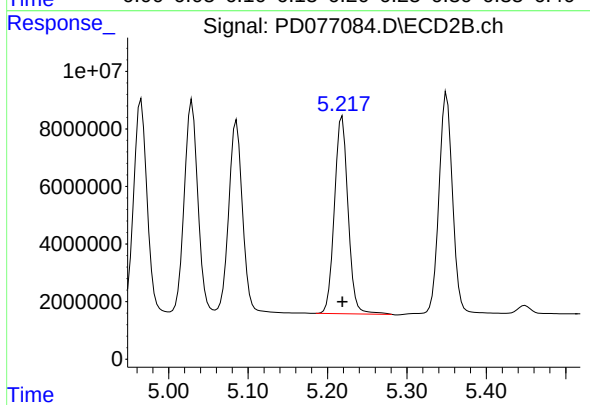
#11 alpha-Chlordane

R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 88505209  
Conc: 53.00 ng/ml



#12 4,4'-DDE

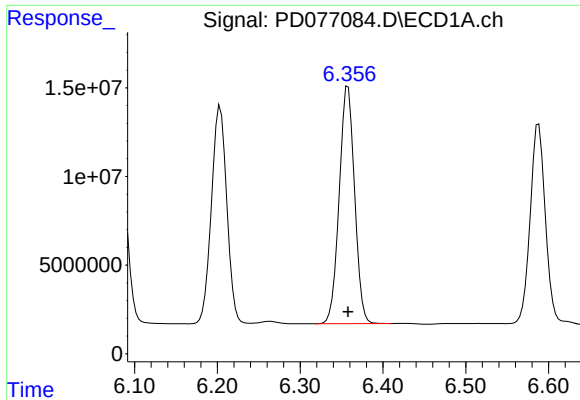
R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 158181313  
Conc: 53.32 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min  
Delta R.T.: 0.000 min  
Response: 81717029  
Conc: 56.35 ng/ml

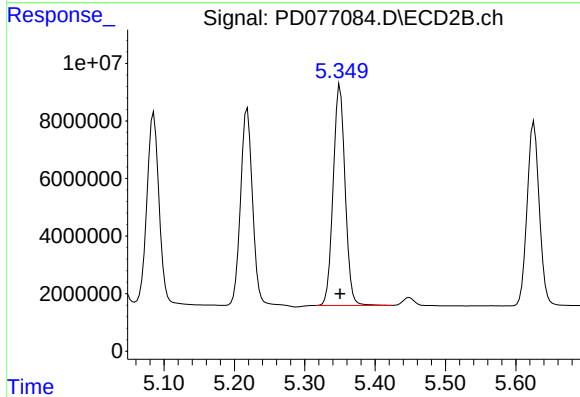




#13 Dieldrin

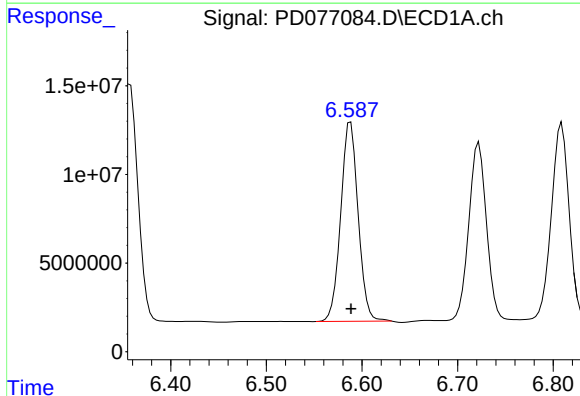
R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 172574451  
Conc: 52.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



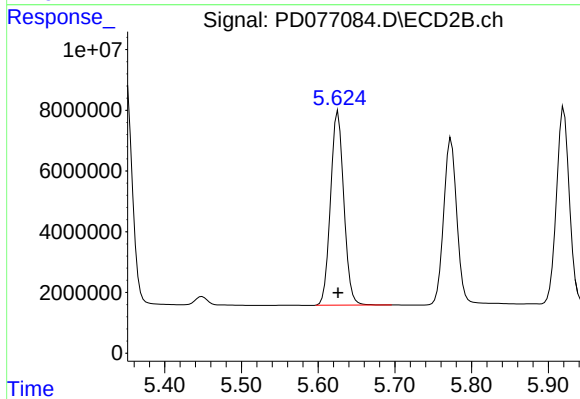
#13 Dieldrin

R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 90412734  
Conc: 53.67 ng/ml



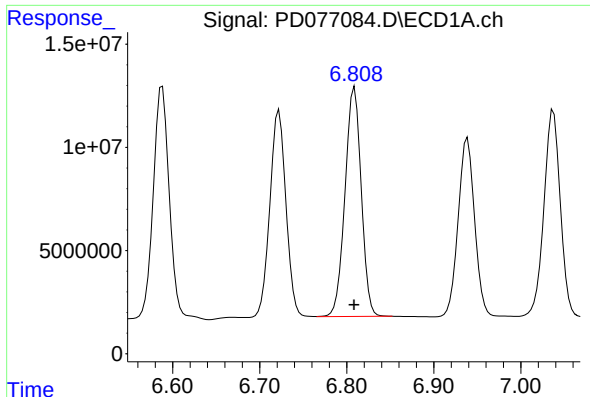
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 142724841  
Conc: 51.36 ng/ml



#14 Endrin

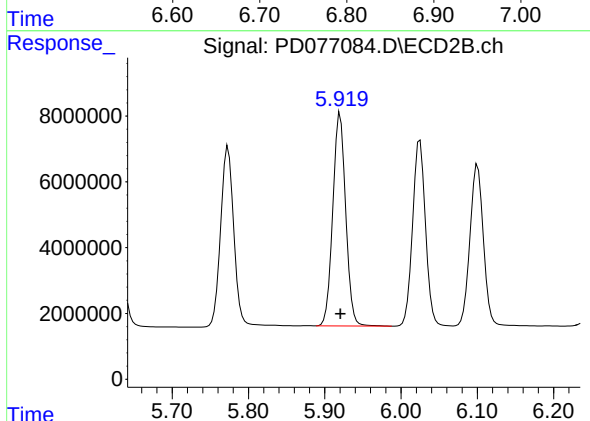
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 76897003  
Conc: 52.55 ng/ml



#15 Endosulfan II

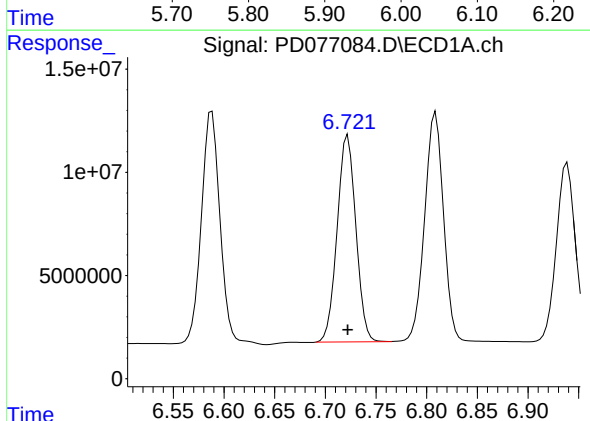
R.T.: 6.809 min  
Delta R.T.: 0.000 min  
Response: 143833580  
Conc: 45.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



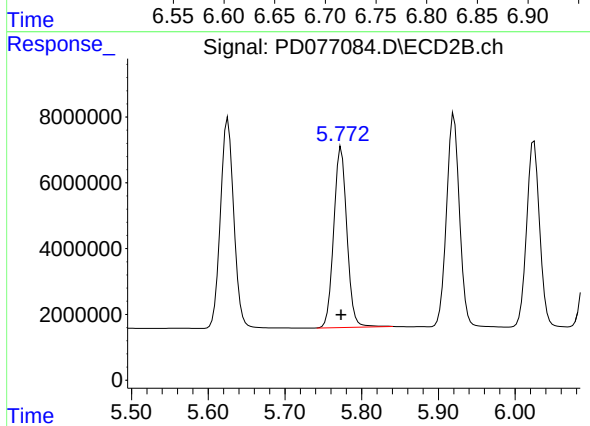
#15 Endosulfan II

R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 75906873  
Conc: 51.50 ng/ml



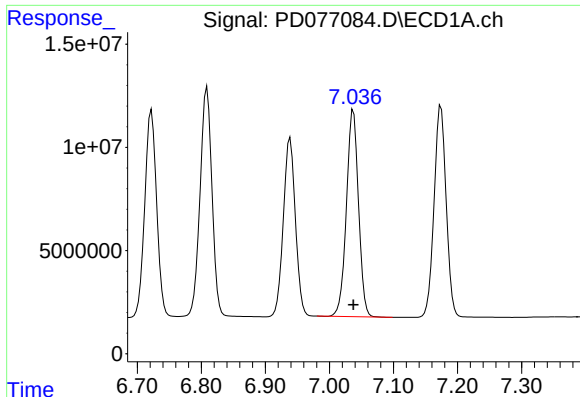
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: 0.000 min  
Response: 128802056  
Conc: 54.75 ng/ml



#16 4,4'-DDD

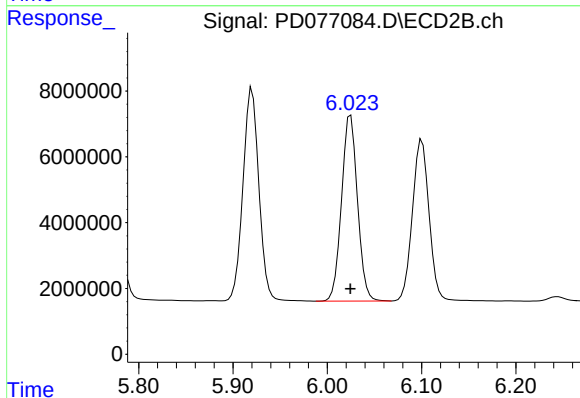
R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 65414244  
Conc: 58.82 ng/ml



#17 4,4'-DDT

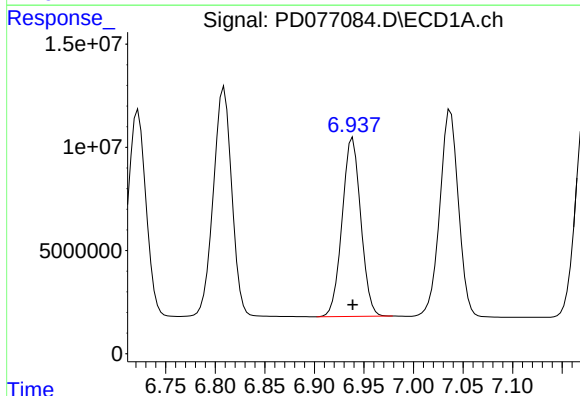
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 130907590  
Conc: 53.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



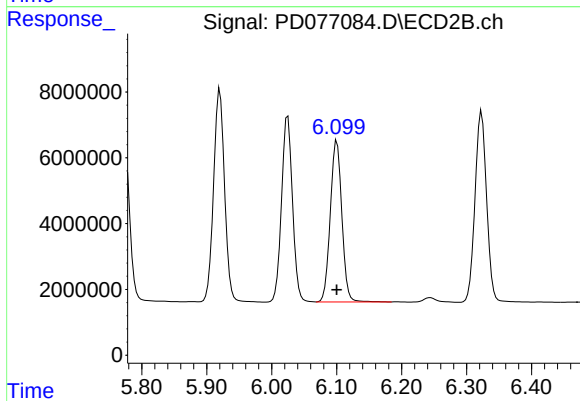
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 66450935  
Conc: 59.78 ng/ml



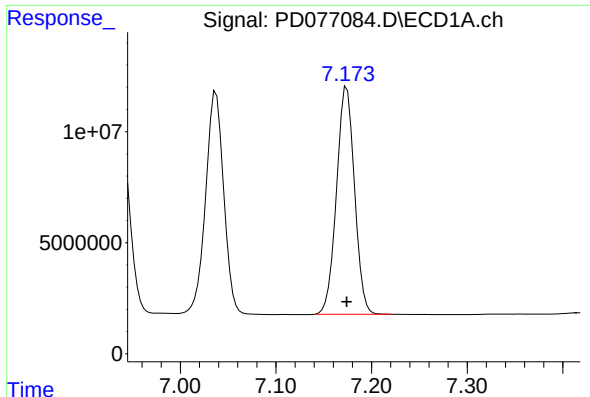
#18 Endrin aldehyde

R.T.: 6.939 min  
Delta R.T.: 0.000 min  
Response: 113314807  
Conc: 51.87 ng/ml



#18 Endrin aldehyde

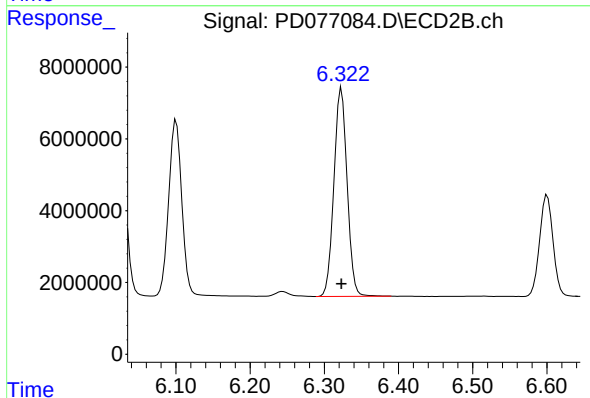
R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 60477213  
Conc: 53.12 ng/ml



#19 Endosulfan Sulfate

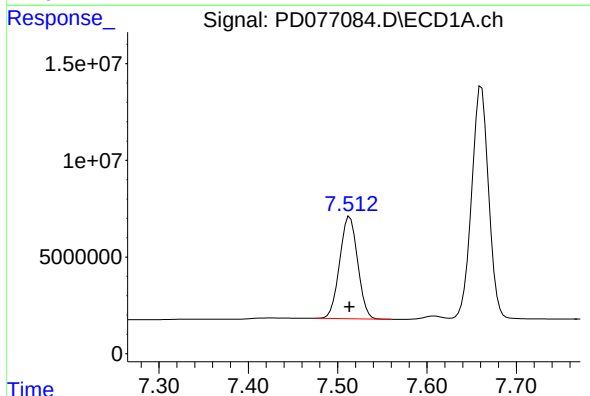
R.T.: 7.174 min  
Delta R.T.: 0.000 min  
Response: 134202258  
Conc: 51.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



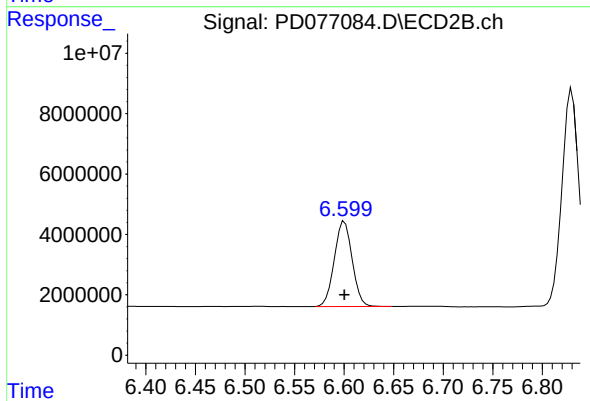
#19 Endosulfan Sulfate

R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 71911064  
Conc: 53.92 ng/ml



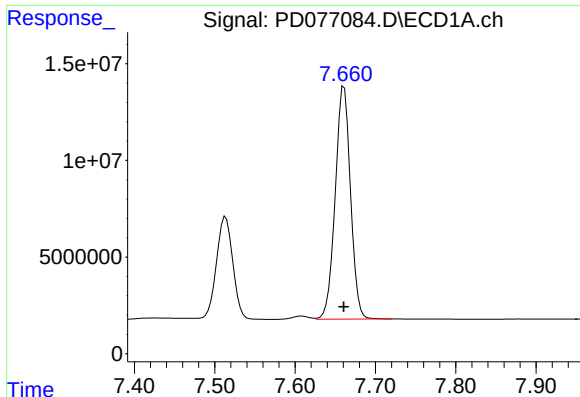
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: 0.000 min  
Response: 73736095  
Conc: 52.04 ng/ml



#20 Methoxychlor

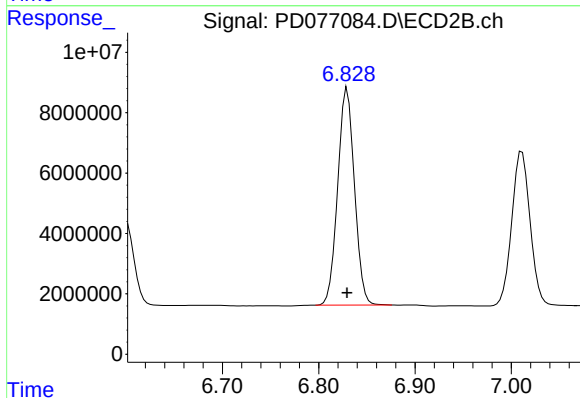
R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 35409167  
Conc: 59.22 ng/ml



#21 Endrin ketone

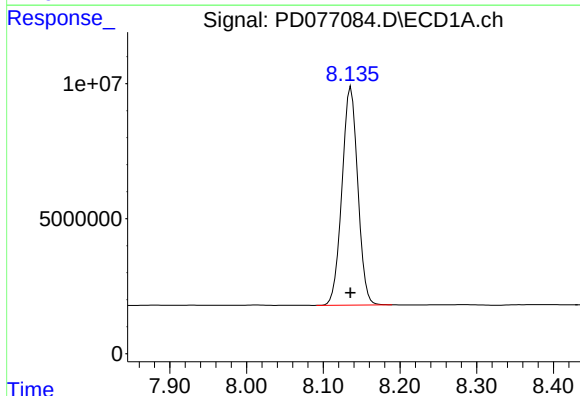
R.T.: 7.661 min  
Delta R.T.: 0.000 min  
Response: 159326506  
Conc: 52.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



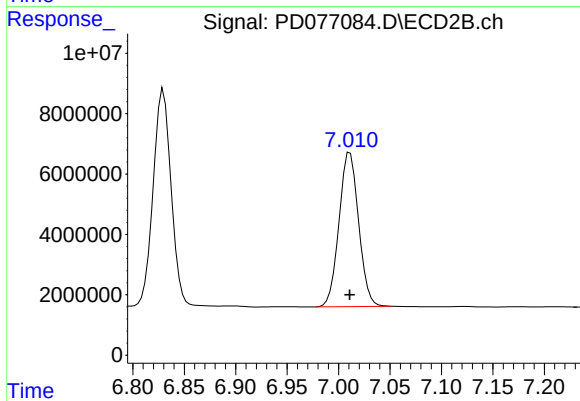
#21 Endrin ketone

R.T.: 6.830 min  
Delta R.T.: 0.000 min  
Response: 86853944  
Conc: 54.78 ng/ml



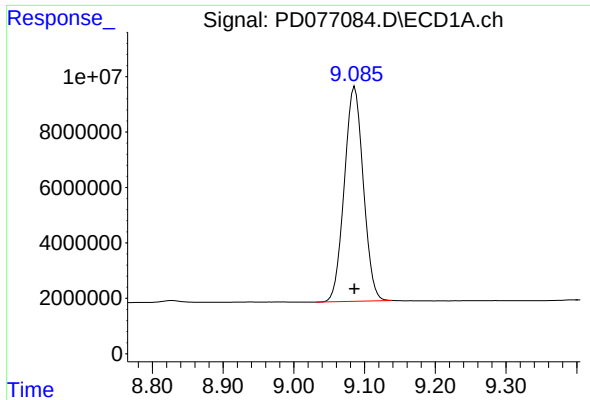
#22 Mirex

R.T.: 8.136 min  
Delta R.T.: 0.000 min  
Response: 116069977  
Conc: 50.89 ng/ml



#22 Mirex

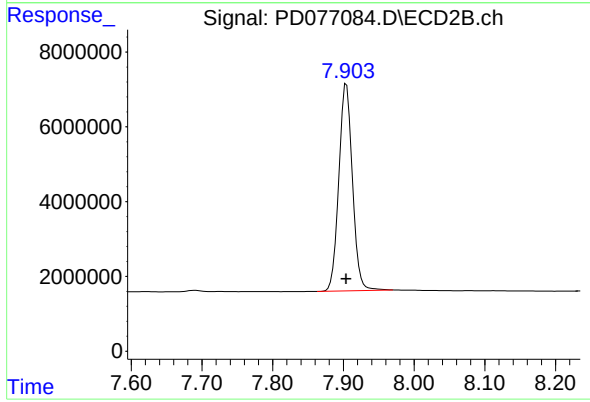
R.T.: 7.011 min  
Delta R.T.: 0.000 min  
Response: 67620048  
Conc: 52.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.000 min  
Response: 144494579  
Conc: 52.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 74039348  
Conc: 51.74 ng/ml