

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081823\  
 Data File : PD077233.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2023 14:39  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 18:00:06 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... | 3.542  | 2.761 | 116.3E6  | 65966861 | 49.144   | 48.429     |
| 28)                         | SA Decachlor... | 9.086  | 7.903 | 134.9E6  | 67515600 | 49.232   | 47.178     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.999  | 3.263 | 194.4E6  | 97121518 | 50.620   | 50.209     |
| 3)                          | MA gamma-BHC... | 4.333  | 3.593 | 185.7E6  | 93496778 | 50.450   | 50.258     |
| 4)                          | MA Heptachlor   | 4.924  | 3.932 | 180.0E6  | 90008129 | 49.903   | 49.546     |
| 5)                          | MB Aldrin       | 5.267  | 4.212 | 184.9E6  | 92377077 | 50.038   | 49.890     |
| 6)                          | B beta-BHC      | 4.530  | 3.890 | 73172860 | 36760255 | 48.625   | 48.185     |
| 7)                          | B delta-BHC     | 4.778  | 4.120 | 180.4E6  | 90470513 | 51.710   | 50.848     |
| 8)                          | B Heptachlo...  | 5.694  | 4.715 | 162.1E6  | 81204294 | 48.953   | 48.560     |
| 9)                          | A Endosulfan I  | 6.082  | 5.085 | 148.4E6  | 74163307 | 48.834   | 47.542     |
| 10)                         | B gamma-Chl...  | 5.951  | 4.965 | 159.6E6  | 80118400 | 49.033   | 48.299     |
| 11)                         | B alpha-Chl...  | 6.031  | 5.029 | 160.2E6  | 80524350 | 48.866   | 48.219     |
| 12)                         | B 4,4'-DDE      | 6.203  | 5.218 | 145.0E6  | 71573442 | 48.873   | 49.355     |
| 13)                         | MA Dieldrin     | 6.357  | 5.350 | 161.7E6  | 82331489 | 49.396   | 48.874     |
| 14)                         | MA Endrin       | 6.588  | 5.626 | 133.0E6  | 70534455 | 47.858   | 48.205     |
| 15)                         | B Endosulfa...  | 6.808  | 5.920 | 135.2E6  | 69308747 | 42.491   | 47.019     |
| 16)                         | A 4,4'-DDD      | 6.722  | 5.773 | 116.6E6  | 56023127 | 49.565   | 50.377     |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.025 | 118.5E6  | 56815913 | 48.742   | 51.113     |
| 18)                         | B Endrin al...  | 6.938  | 6.100 | 104.6E6  | 54051098 | 47.894   | 47.480     |
| 19)                         | B Endosulfa...  | 7.173  | 6.322 | 126.4E6  | 64884988 | 48.529   | 48.650     |
| 20)                         | A Methoxychlor  | 7.513  | 6.599 | 67507513 | 30271170 | 47.646   | 50.626     |
| 21)                         | B Endrin ke...  | 7.660  | 6.829 | 149.5E6  | 79169016 | 49.645   | 49.933     |
| 22)                         | Mirex           | 8.135  | 7.011 | 110.4E6  | 62157476 | 48.399   | 48.006     |
| 24)                         | Chlordane-2     | 5.267f | 4.349 | 184.9E6  | 1594087  | 1524.817 | 28.347 #   |
| 25)                         | Chlordane-3     | 5.951  | 4.965 | 159.6E6  | 80118400 | 336.947  | 490.990 #  |
| 26)                         | Chlordane-4     | 6.031  | 5.029 | 160.2E6  | 80524350 | 277.023  | 499.867 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.920 | 0        | 69308747 | N.D.     | 1160.081 # |
| -----                       |                 |        |       |          |          |          |            |

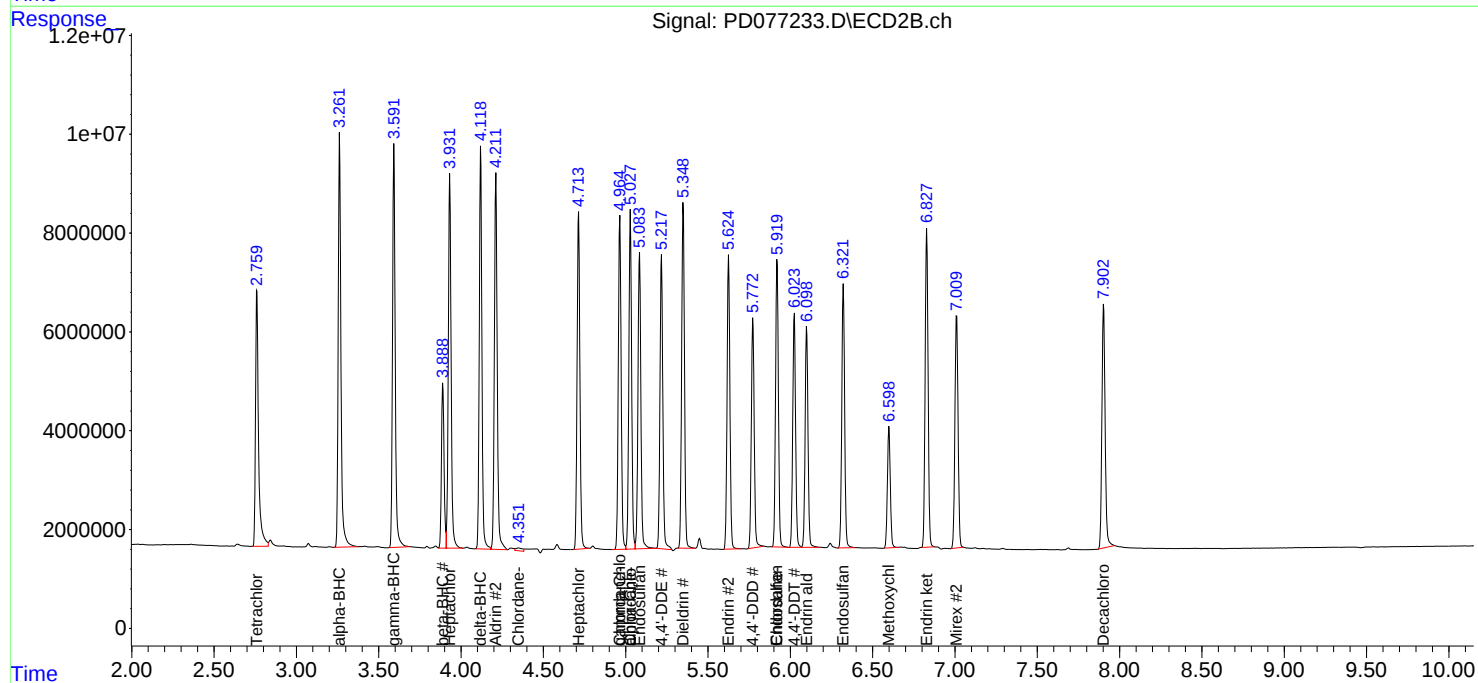
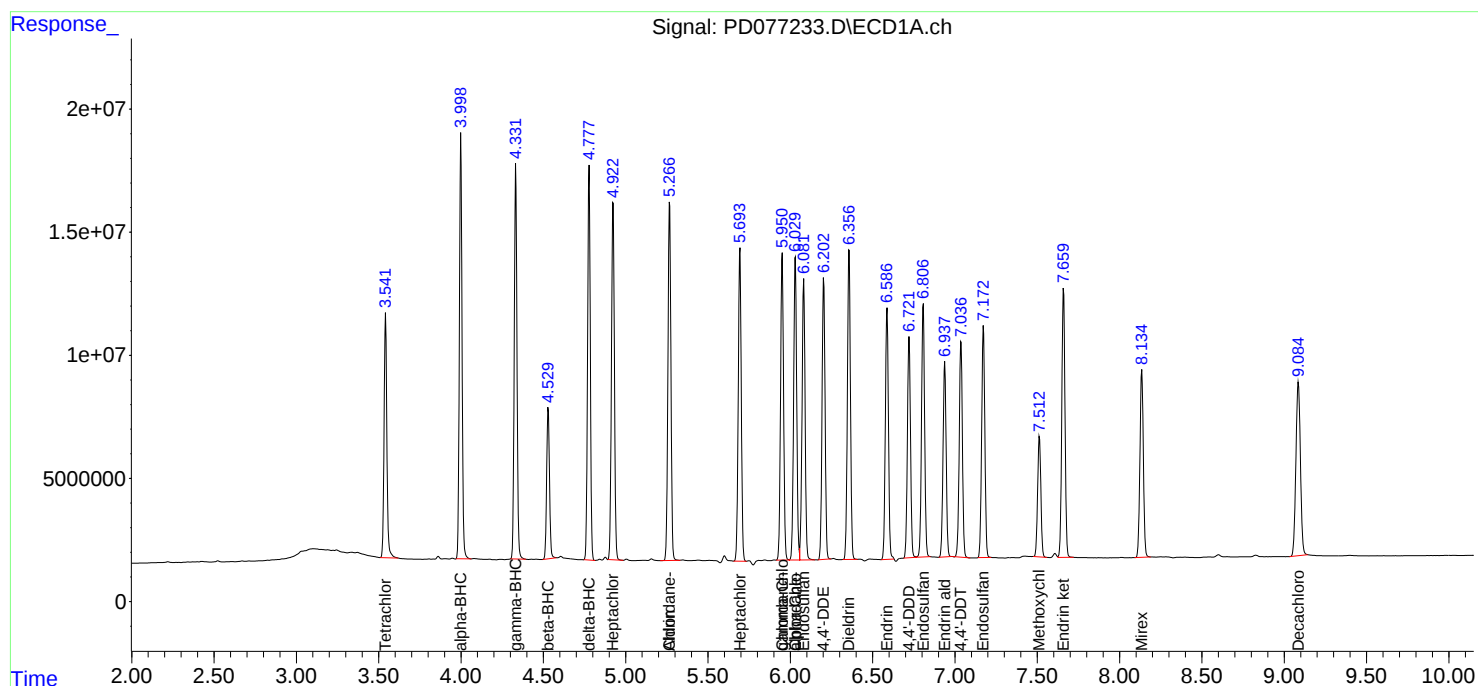
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

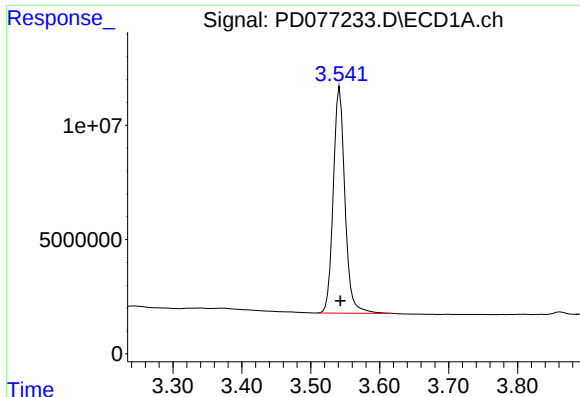
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081823\  
Data File : PD077233.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2023 14:39  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 18:00:06 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

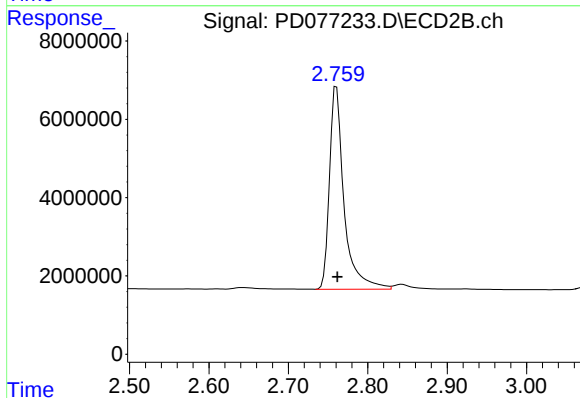




#1 Tetrachloro-m-xylene

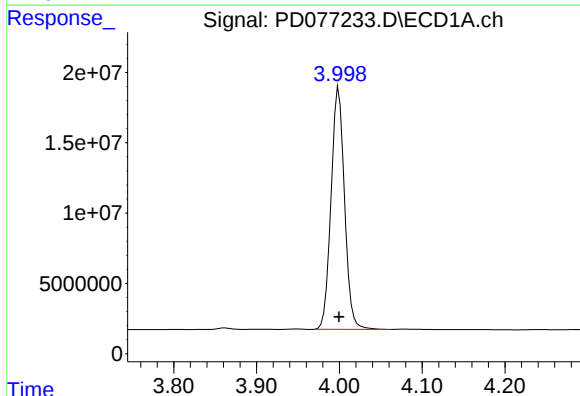
R.T.: 3.542 min  
Delta R.T.: -0.001 min  
Response: 116298833  
Conc: 49.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



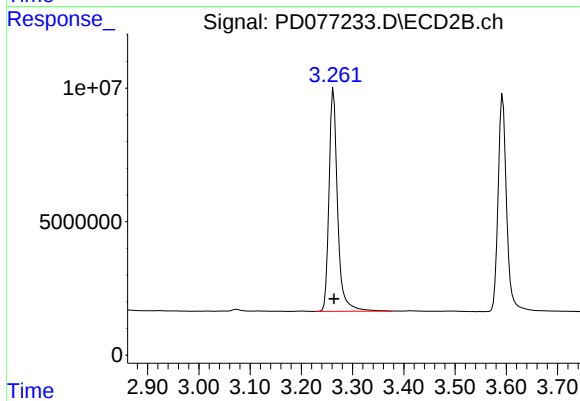
#1 Tetrachloro-m-xylene

R.T.: 2.761 min  
Delta R.T.: -0.001 min  
Response: 65966861  
Conc: 48.43 ng/ml



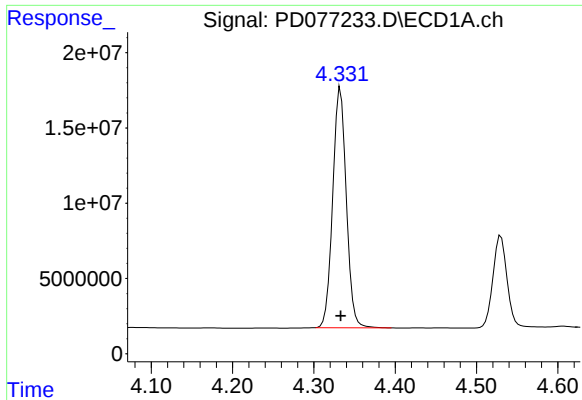
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 194365037  
Conc: 50.62 ng/ml



#2 alpha-BHC

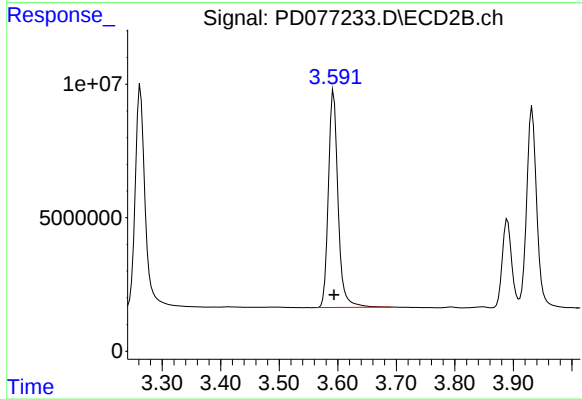
R.T.: 3.263 min  
Delta R.T.: -0.001 min  
Response: 97121518  
Conc: 50.21 ng/ml



#3 gamma-BHC (Lindane)

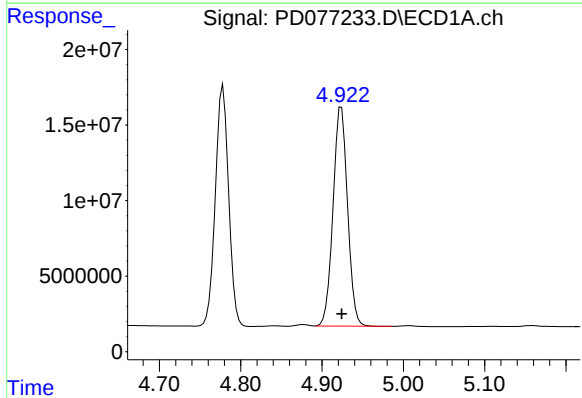
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 185694382  
Conc: 50.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



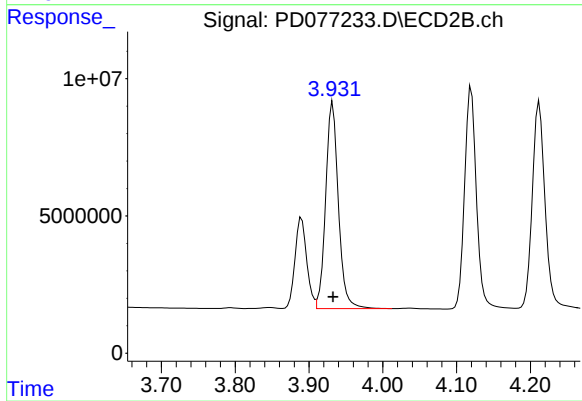
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.000 min  
Response: 93496778  
Conc: 50.26 ng/ml



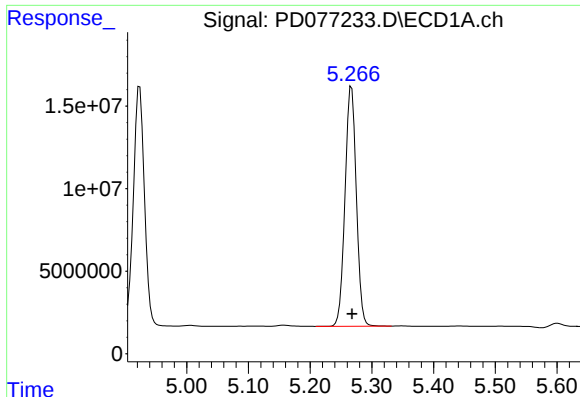
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 179952183  
Conc: 49.90 ng/ml



#4 Heptachlor

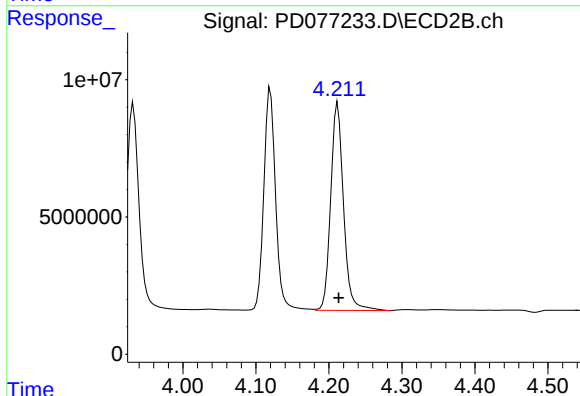
R.T.: 3.932 min  
Delta R.T.: 0.000 min  
Response: 90008129  
Conc: 49.55 ng/ml



#5 Aldrin

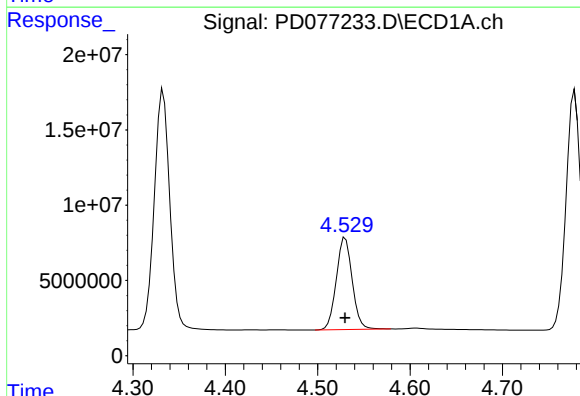
R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 184918148  
Conc: 50.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



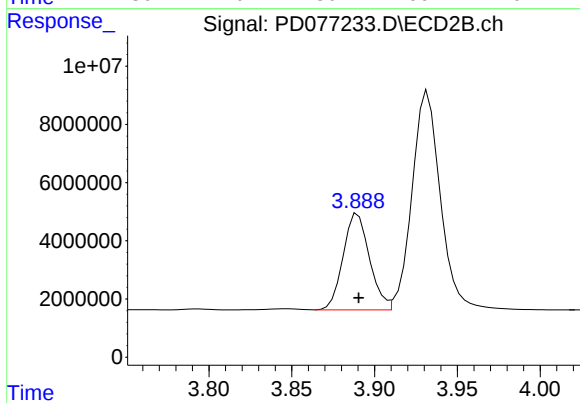
#5 Aldrin

R.T.: 4.212 min  
Delta R.T.: -0.001 min  
Response: 92377077  
Conc: 49.89 ng/ml



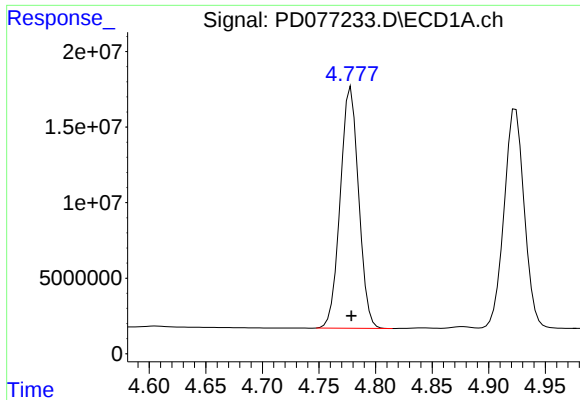
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 73172860  
Conc: 48.63 ng/ml



#6 beta-BHC

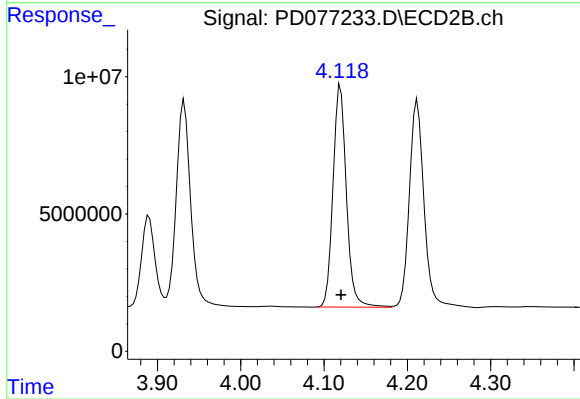
R.T.: 3.890 min  
Delta R.T.: 0.000 min  
Response: 36760255  
Conc: 48.18 ng/ml



#7 delta-BHC

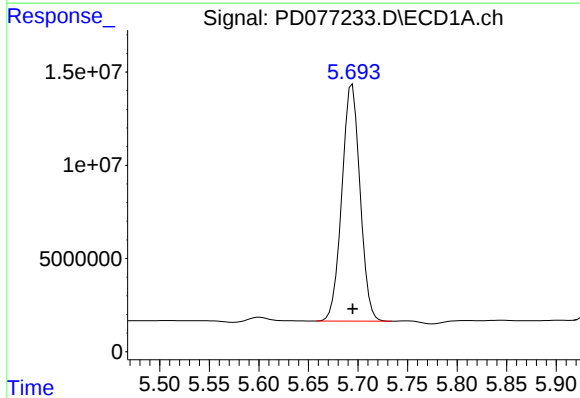
R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 180397297  
Conc: 51.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



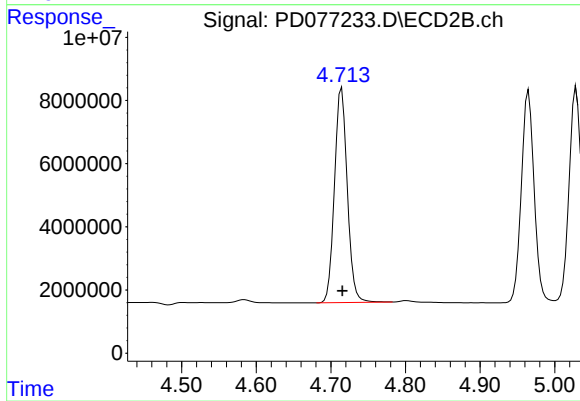
#7 delta-BHC

R.T.: 4.120 min  
Delta R.T.: 0.000 min  
Response: 90470513  
Conc: 50.85 ng/ml



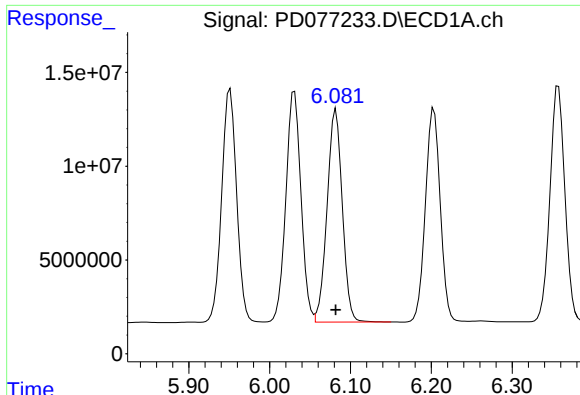
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 162090546  
Conc: 48.95 ng/ml



#8 Heptachlor epoxide

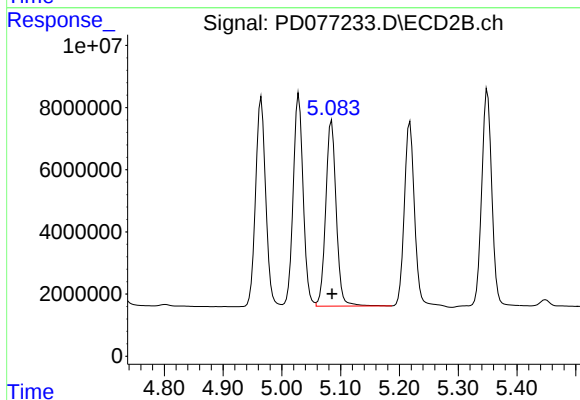
R.T.: 4.715 min  
Delta R.T.: -0.001 min  
Response: 81204294  
Conc: 48.56 ng/ml



#9 Endosulfan I

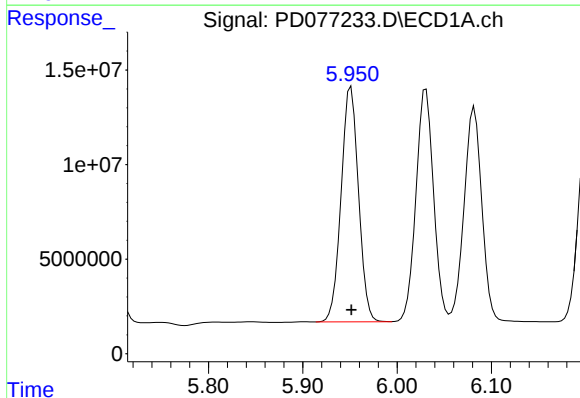
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 148415626  
Conc: 48.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



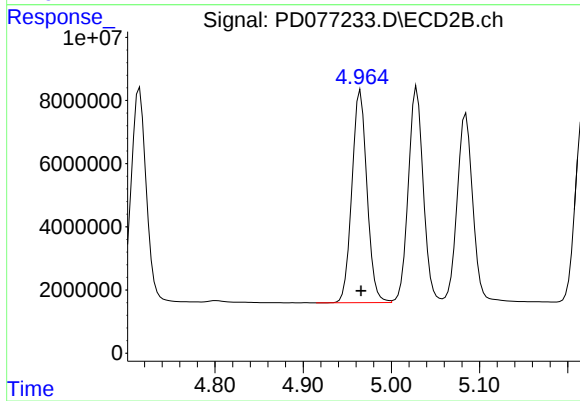
#9 Endosulfan I

R.T.: 5.085 min  
Delta R.T.: -0.001 min  
Response: 74163307  
Conc: 47.54 ng/ml



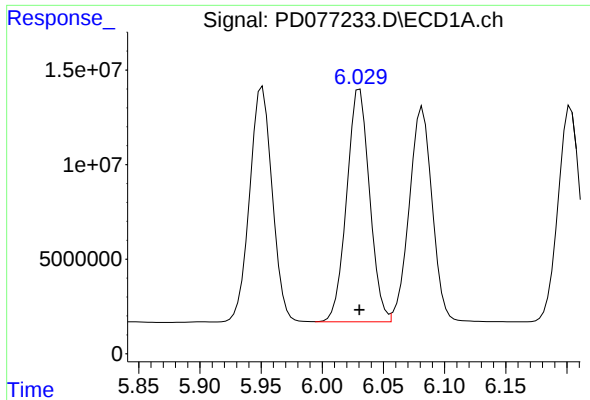
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 159586589  
Conc: 49.03 ng/ml



#10 gamma-Chlordane

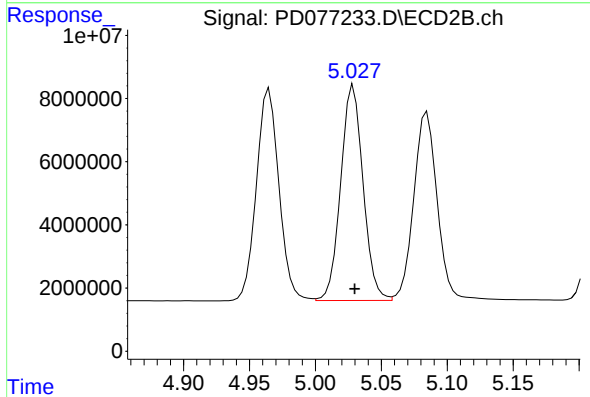
R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 80118400  
Conc: 48.30 ng/ml



#11 alpha-Chlordane

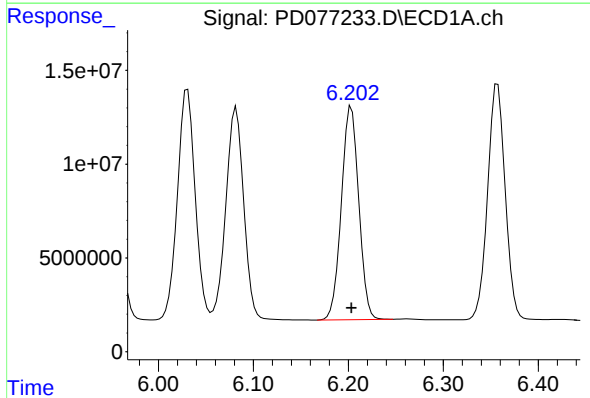
R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 160238866  
Conc: 48.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



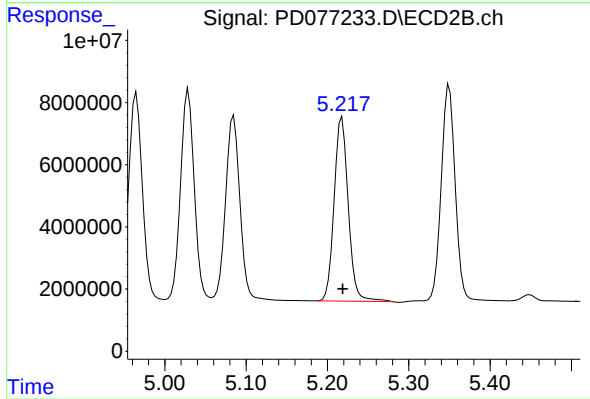
#11 alpha-Chlordane

R.T.: 5.029 min  
Delta R.T.: -0.001 min  
Response: 80524350  
Conc: 48.22 ng/ml



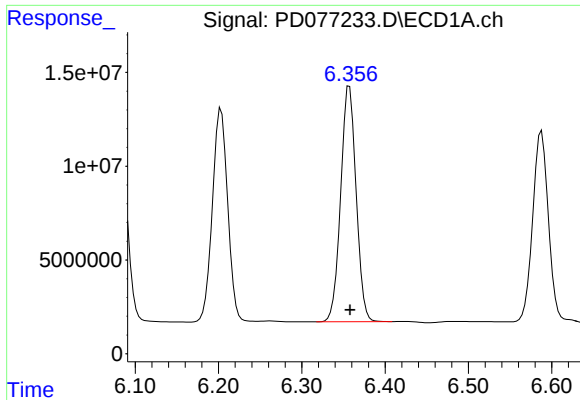
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 144979487  
Conc: 48.87 ng/ml



#12 4,4'-DDE

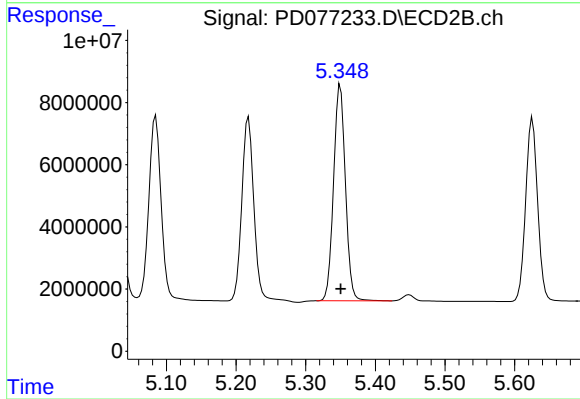
R.T.: 5.218 min  
Delta R.T.: 0.000 min  
Response: 71573442  
Conc: 49.36 ng/ml



#13 Dieldrin

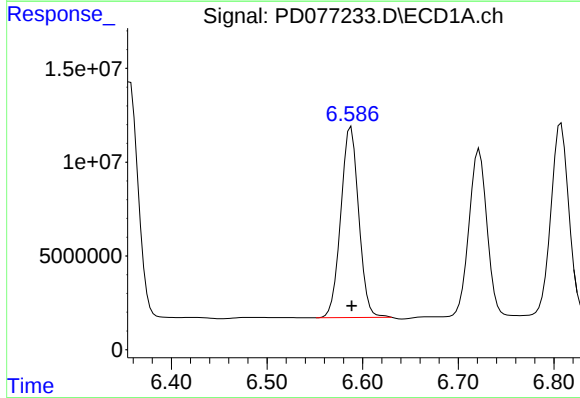
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 161709656  
Conc: 49.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



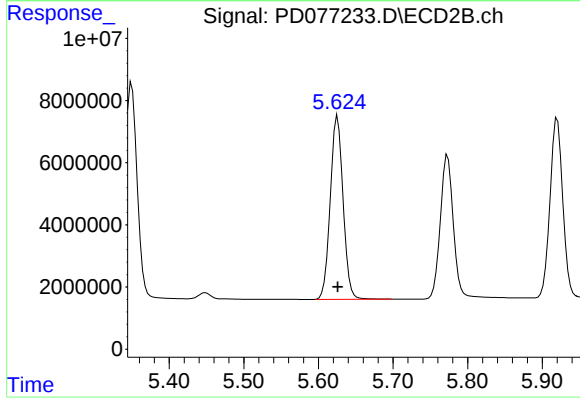
#13 Dieldrin

R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 82331489  
Conc: 48.87 ng/ml



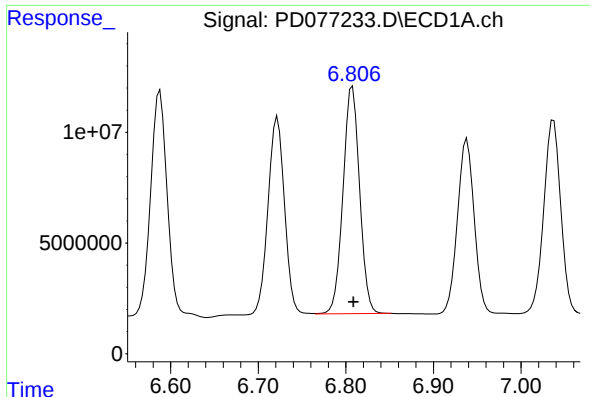
#14 Endrin

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 132984164  
Conc: 47.86 ng/ml



#14 Endrin

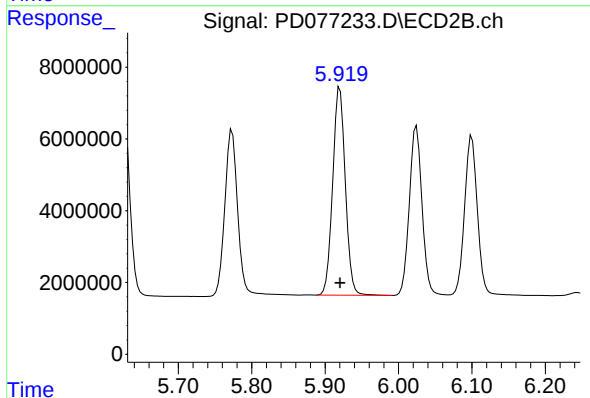
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 70534455  
Conc: 48.20 ng/ml



#15 Endosulfan II

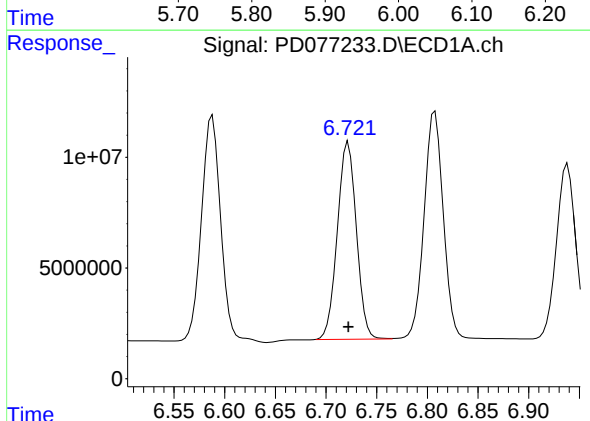
R.T.: 6.808 min  
Delta R.T.: 0.000 min  
Response: 135197123  
Conc: 42.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



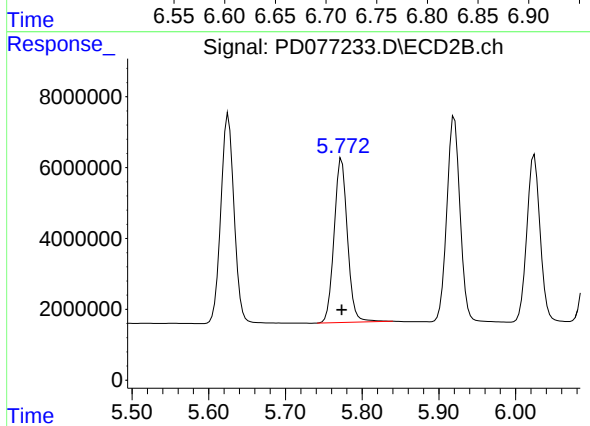
#15 Endosulfan II

R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 69308747  
Conc: 47.02 ng/ml



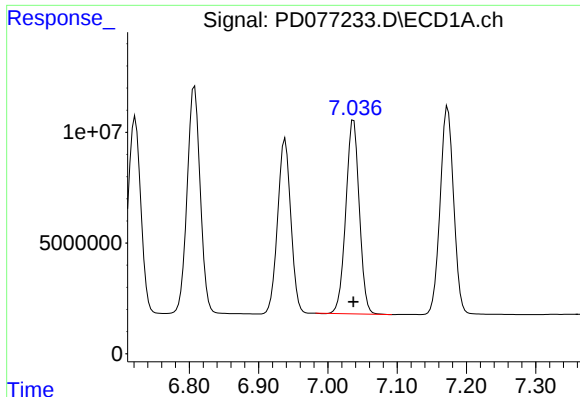
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: 0.000 min  
Response: 116607809  
Conc: 49.57 ng/ml



#16 4,4'-DDD

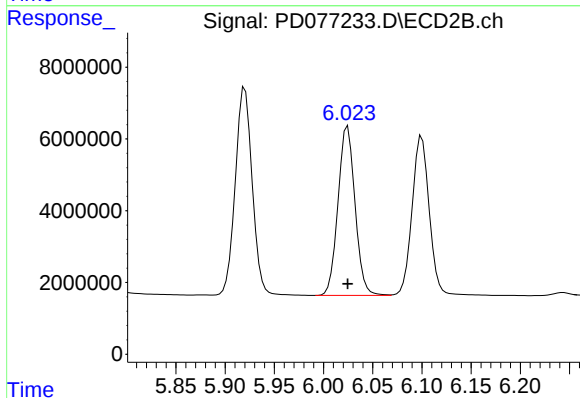
R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 56023127  
Conc: 50.38 ng/ml



#17 4,4'-DDT

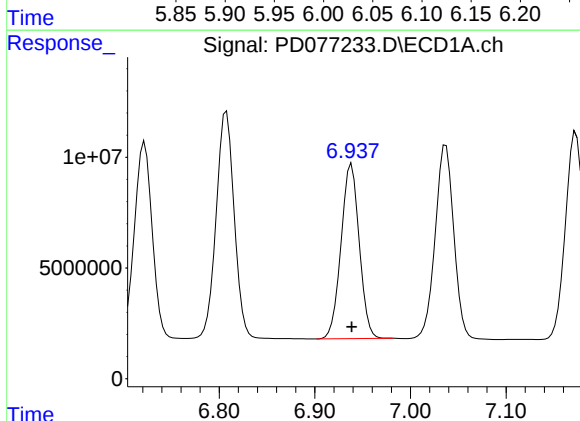
R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 118522603  
Conc: 48.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



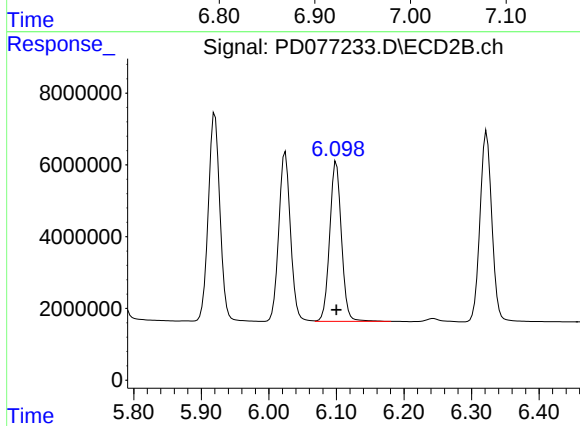
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 56815913  
Conc: 51.11 ng/ml



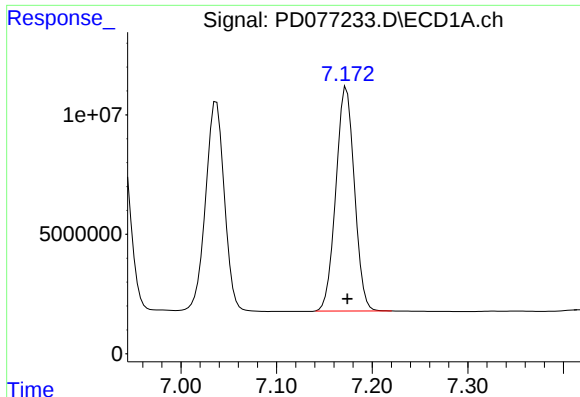
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 104624533  
Conc: 47.89 ng/ml



#18 Endrin aldehyde

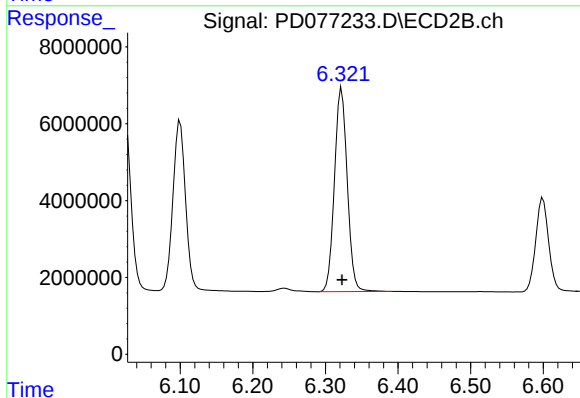
R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 54051098  
Conc: 47.48 ng/ml



#19 Endosulfan Sulfate

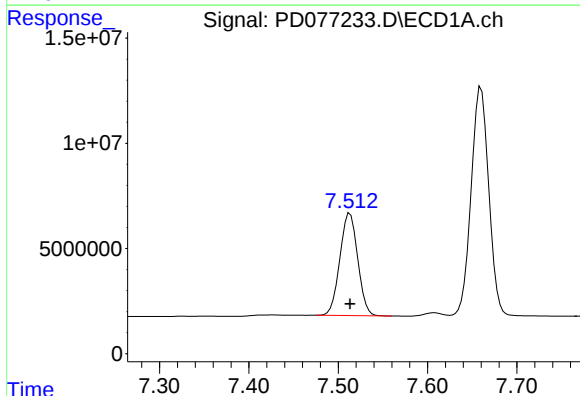
R.T.: 7.173 min  
Delta R.T.: -0.001 min  
Response: 126438558  
Conc: 48.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



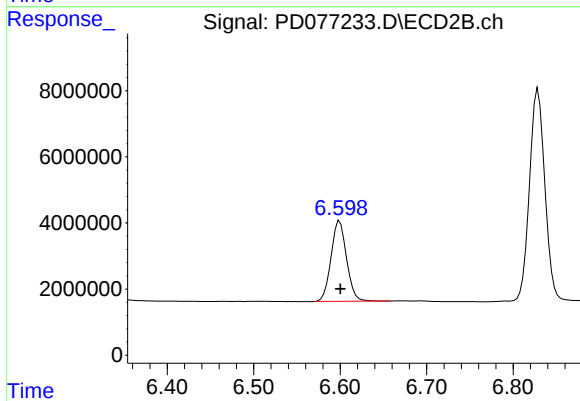
#19 Endosulfan Sulfate

R.T.: 6.322 min  
Delta R.T.: 0.000 min  
Response: 64884988  
Conc: 48.65 ng/ml



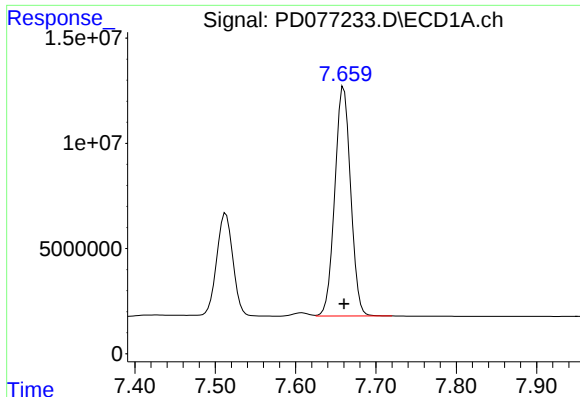
#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: 0.000 min  
Response: 67507513  
Conc: 47.65 ng/ml



#20 Methoxychlor

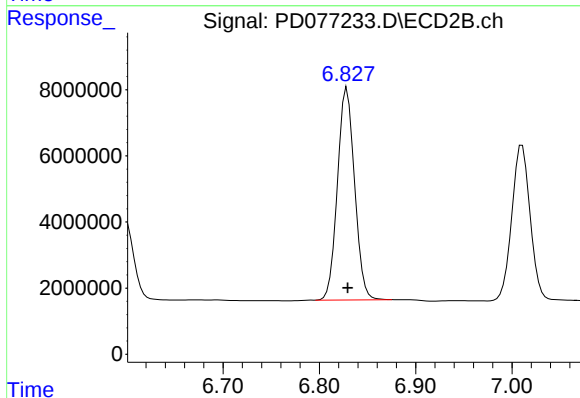
R.T.: 6.599 min  
Delta R.T.: 0.000 min  
Response: 30271170  
Conc: 50.63 ng/ml



#21 Endrin ketone

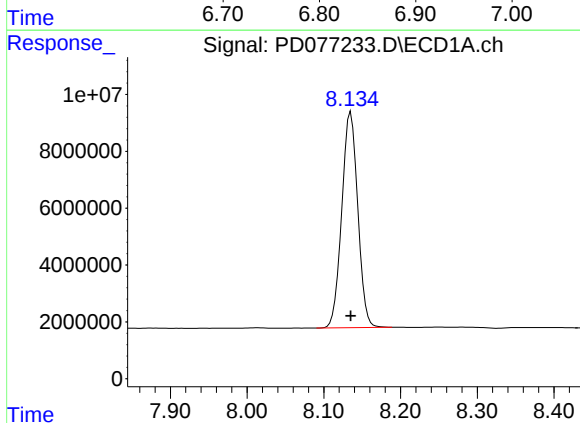
R.T.: 7.660 min  
Delta R.T.: 0.000 min  
Response: 149520088  
Conc: 49.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



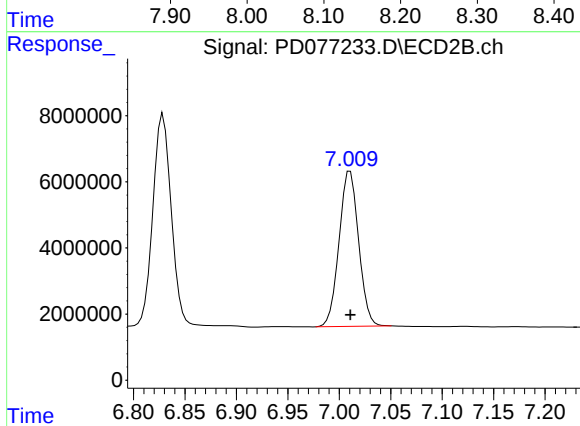
#21 Endrin ketone

R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 79169016  
Conc: 49.93 ng/ml



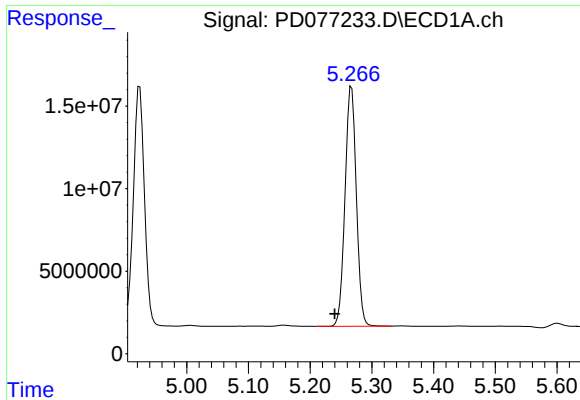
#22 Mirex

R.T.: 8.135 min  
Delta R.T.: 0.000 min  
Response: 110392485  
Conc: 48.40 ng/ml



#22 Mirex

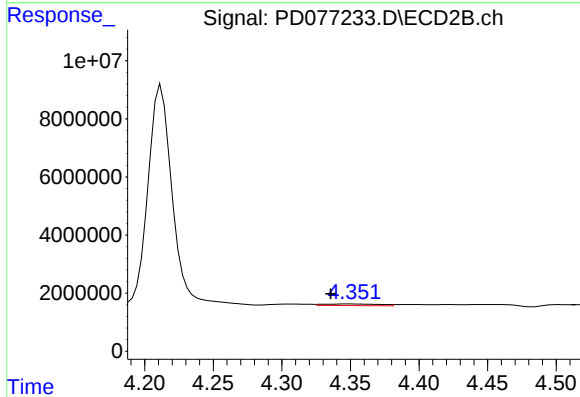
R.T.: 7.011 min  
Delta R.T.: 0.000 min  
Response: 62157476  
Conc: 48.01 ng/ml



#24 Chlordane-2

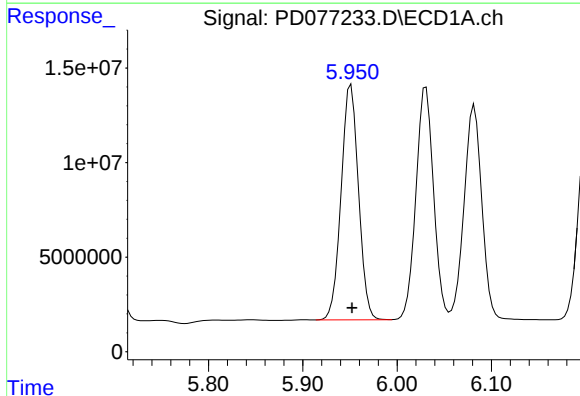
R.T.: 5.267 min  
Delta R.T.: 0.027 min  
Response: 184918148  
Conc: 1524.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



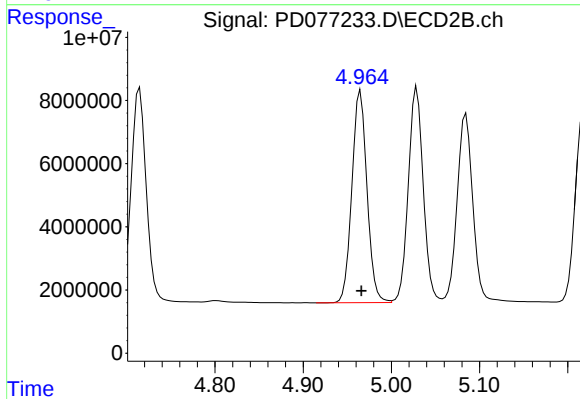
#24 Chlordane-2

R.T.: 4.349 min  
Delta R.T.: 0.013 min  
Response: 1594087  
Conc: 28.35 ng/ml



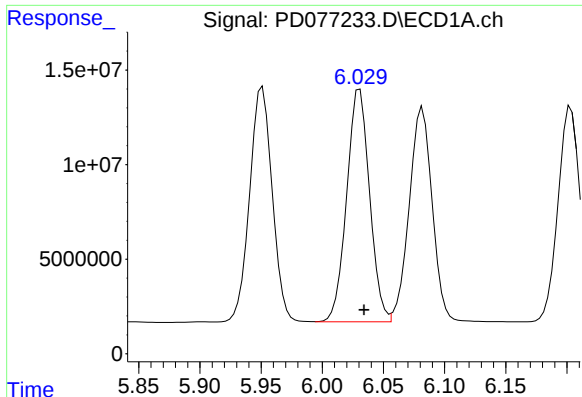
#25 Chlordane-3

R.T.: 5.951 min  
Delta R.T.: -0.001 min  
Response: 159586589  
Conc: 336.95 ng/ml



#25 Chlordane-3

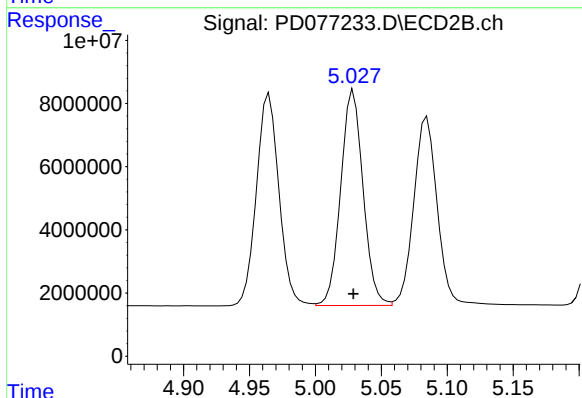
R.T.: 4.965 min  
Delta R.T.: -0.001 min  
Response: 80118400  
Conc: 490.99 ng/ml



#26 Chlordane-4

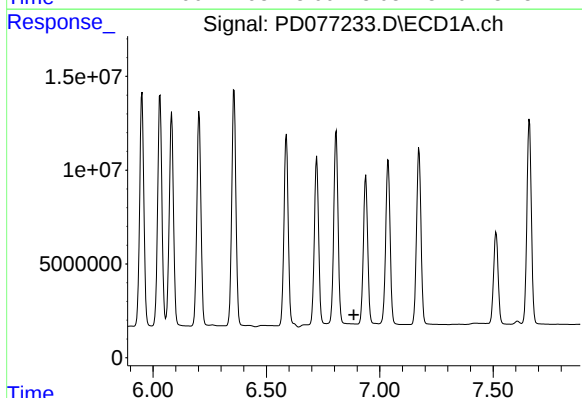
R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 160238866  
Conc: 277.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



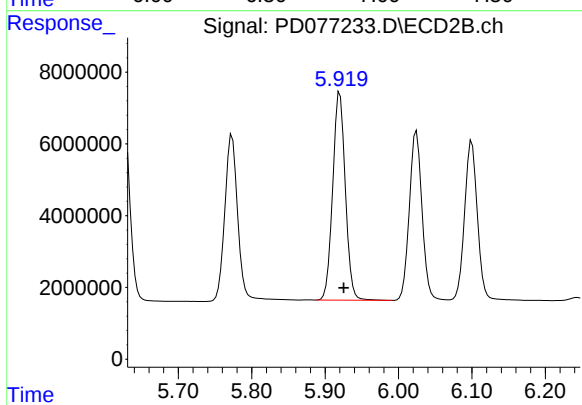
#26 Chlordane-4

R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 80524350  
Conc: 499.87 ng/ml



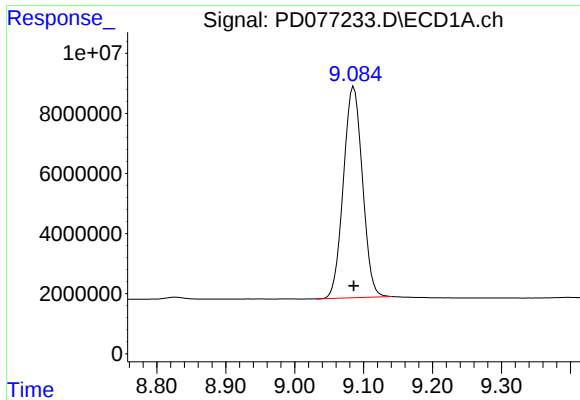
#27 Chlordane-5

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



#27 Chlordane-5

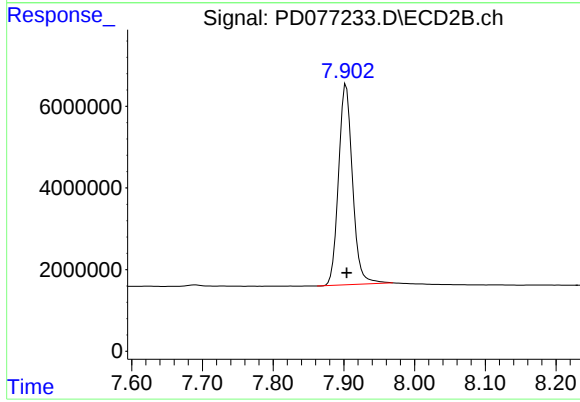
R.T.: 5.920 min  
Delta R.T.: -0.005 min  
Response: 69308747  
Conc: 1160.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.000 min  
Response: 134905755  
Conc: 49.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.903 min  
Delta R.T.: 0.000 min  
Response: 67515600  
Conc: 47.18 ng/ml