

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082123\  
 Data File : PD077301.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2023 23:17  
 Operator : AR\AJ  
 Sample : 04090-04MS  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 22 05:51:26 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 | 41818160 | 25220418 | 17.671   | 18.516     |
| 28)                         | SA Decachlor... | 9.082  | 7.901 | 42973963 | 21332126 | 15.683   | 14.906     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.999  | 3.263 | 190.8E6  | 97190756 | 49.697   | 50.244     |
| 3)                          | MA gamma-BHC... | 4.333  | 3.592 | 174.7E6  | 90002222 | 47.465   | 48.379     |
| 4)                          | MA Heptachlor   | 4.923  | 3.932 | 184.5E6  | 94059243 | 51.151   | 51.776     |
| 5)                          | MB Aldrin       | 5.266  | 4.211 | 179.2E6  | 89008706 | 48.480   | 48.071     |
| 6)                          | B beta-BHC      | 4.529  | 3.889 | 72175371 | 37549031 | 47.962   | 49.219     |
| 7)                          | B delta-BHC     | 4.778  | 4.119 | 170.4E6  | 88167114 | 48.836   | 49.553     |
| 8)                          | B Heptachlo...  | 5.693  | 4.714 | 161.3E6  | 82938258 | 48.726   | 49.597     |
| 9)                          | A Endosulfan I  | 6.080  | 5.084 | 152.9E6  | 79177607 | 50.318   | 50.756     |
| 10)                         | B gamma-Chl...  | 5.950  | 4.964 | 163.0E6  | 86191619 | 50.091   | 51.960     |
| 11)                         | B alpha-Chl...  | 6.029  | 5.028 | 169.7E6  | 92638394 | 51.761   | 55.473     |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.217 | 153.9E6  | 80467806 | 51.867   | 55.489     |
| 13)                         | MA Dieldrin     | 6.356  | 5.349 | 158.6E6  | 83005023 | 48.450   | 49.274     |
| 14)                         | MA Endrin       | 6.586  | 5.624 | 134.3E6  | 73178749 | 48.345   | 50.012     |
| 15)                         | B Endosulfa...  | 6.806  | 5.918 | 128.5E6  | 68710106 | 40.397   | 46.613     |
| 16)                         | A 4,4'-DDD      | 6.720  | 5.771 | 120.5E6  | 62802224 | 51.200   | 56.473     |
| 17)                         | MA 4,4'-DDT     | 7.035  | 6.023 | 130.2E6  | 65386031 | 53.547   | 58.822     |
| 18)                         | B Endrin al...  | 6.937  | 6.098 | 101.5E6  | 53977498 | 46.475   | 47.415     |
| 19)                         | B Endosulfa...  | 7.172  | 6.321 | 125.8E6  | 68448577 | 48.271   | 51.322     |
| 20)                         | A Methoxychlor  | 7.511  | 6.598 | 66963103 | 33696833 | 47.261   | 56.355     |
| 21)                         | B Endrin ke...  | 7.658  | 6.827 | 144.7E6  | 79502490 | 48.061   | 50.144     |
| 22)                         | Mirex           | 8.133  | 7.009 | 106.8E6  | 62607213 | 46.821   | 48.353     |
| 24)                         | Chlordane-2     | 5.266f | 0.000 | 179.2E6  | 0        | 1477.344 | N.D. #     |
| 25)                         | Chlordane-3     | 5.950  | 4.964 | 163.0E6  | 86191619 | 344.216  | 528.209 #  |
| 26)                         | Chlordane-4     | 6.029  | 5.028 | 169.7E6  | 92638394 | 293.436  | 575.067 #  |
| 27)                         | Chlordane-5     | 6.882  | 5.918 | 142004   | 68710106 | 1.533    | 1150.061 # |
| -----                       |                 |        |       |          |          |          |            |

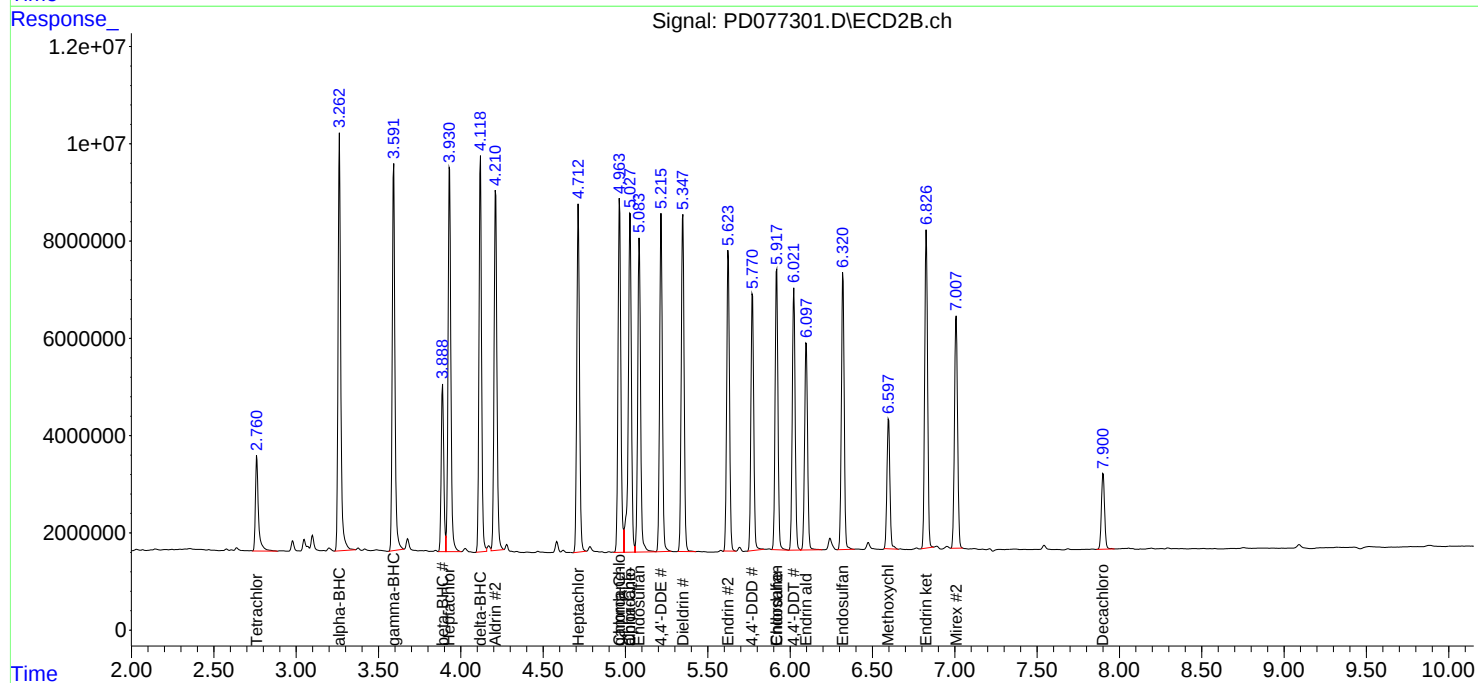
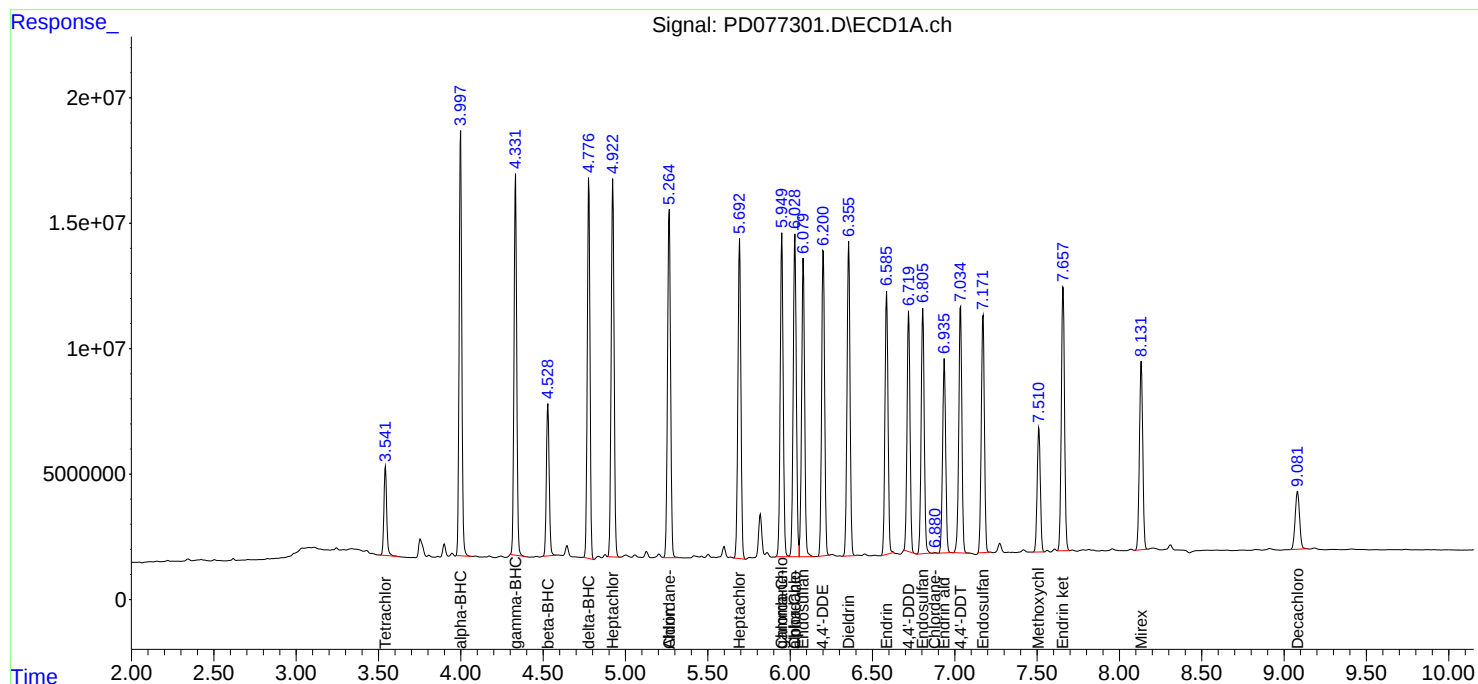
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

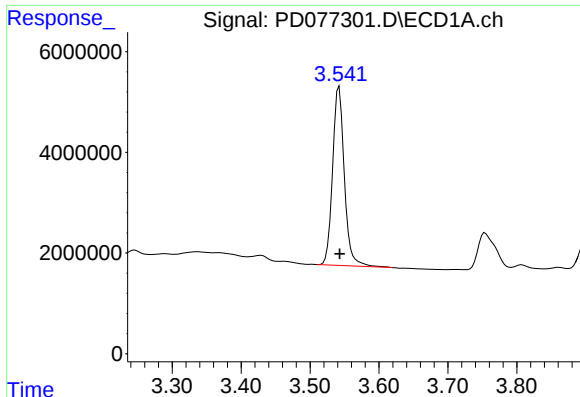
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082123\  
Data File : PD077301.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2023 23:17  
Operator : AR\AJ  
Sample : 04090-04MS  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 22 05:51:26 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

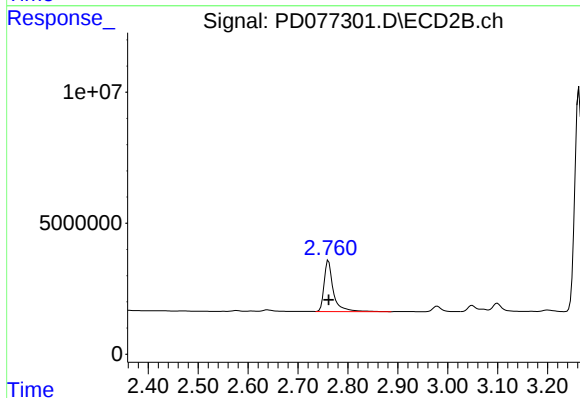




#1 Tetrachloro-m-xylene

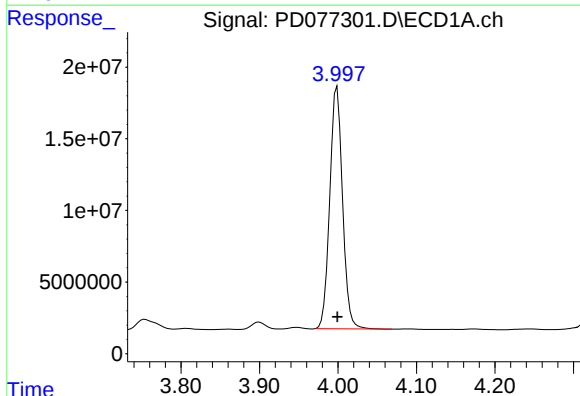
R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 41818160  
Conc: 17.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



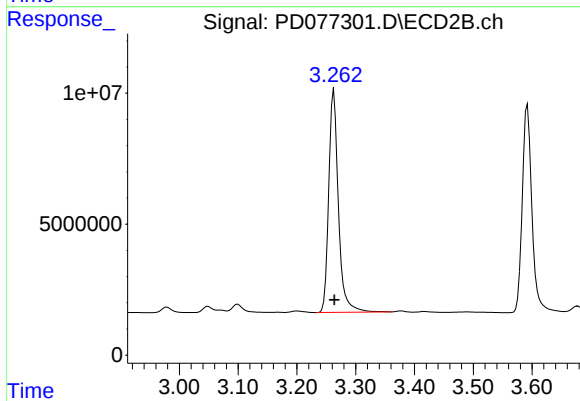
#1 Tetrachloro-m-xylene

R.T.: 2.761 min  
Delta R.T.: 0.000 min  
Response: 25220418  
Conc: 18.52 ng/ml



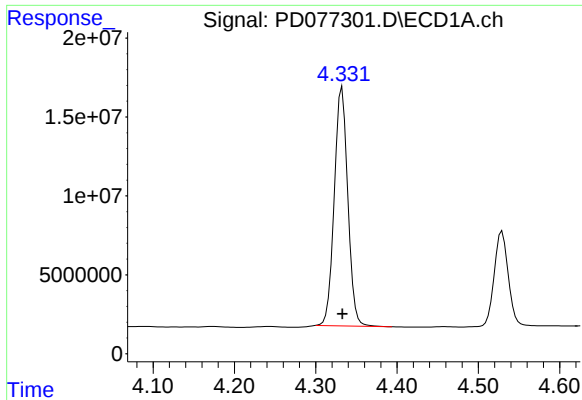
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 190822770  
Conc: 49.70 ng/ml



#2 alpha-BHC

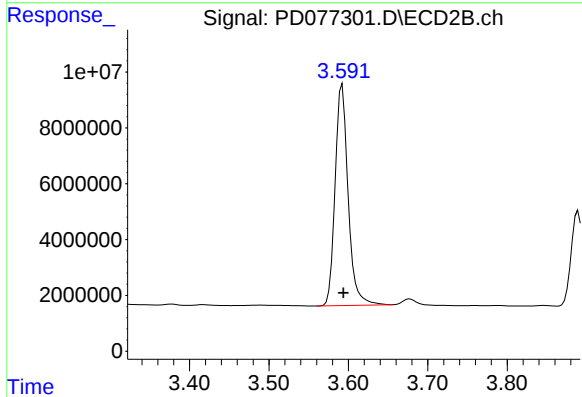
R.T.: 3.263 min  
Delta R.T.: -0.001 min  
Response: 97190756  
Conc: 50.24 ng/ml



#3 gamma-BHC (Lindane)

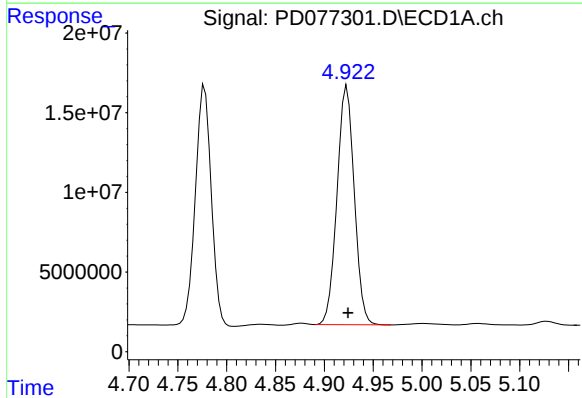
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 174705199  
Conc: 47.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



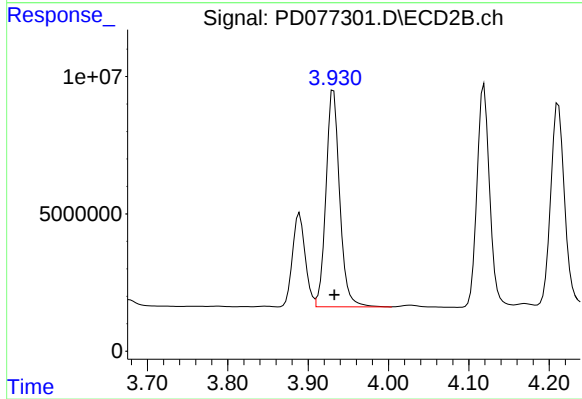
#3 gamma-BHC (Lindane)

R.T.: 3.592 min  
Delta R.T.: -0.001 min  
Response: 90002222  
Conc: 48.38 ng/ml



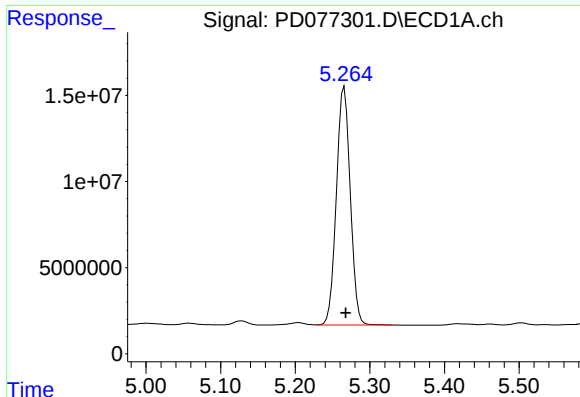
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 184452249  
Conc: 51.15 ng/ml



#4 Heptachlor

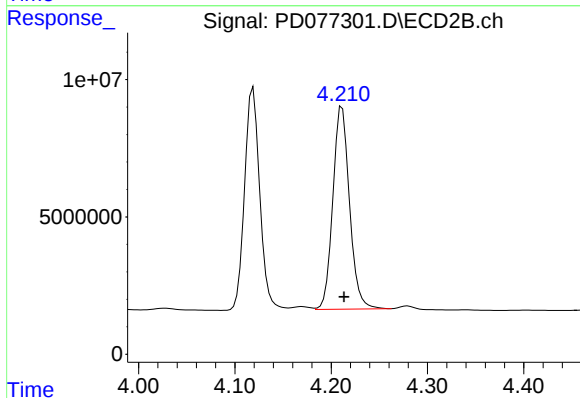
R.T.: 3.932 min  
Delta R.T.: -0.001 min  
Response: 94059243  
Conc: 51.78 ng/ml



#5 Aldrin

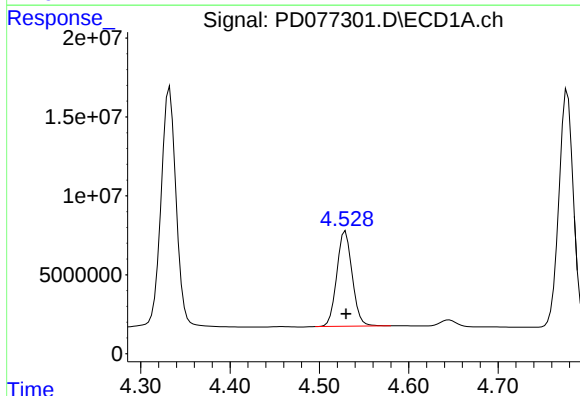
R.T.: 5.266 min  
Delta R.T.: -0.002 min  
Response: 179161002  
Conc: 48.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



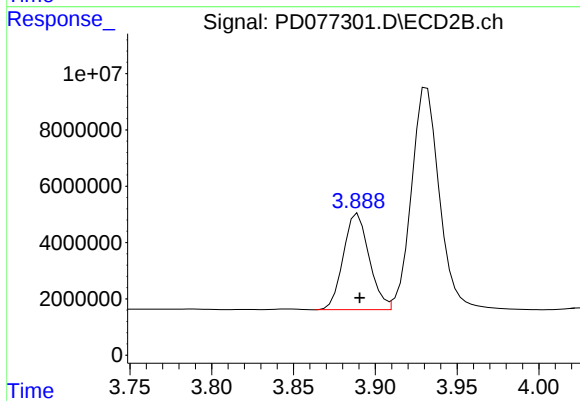
#5 Aldrin

R.T.: 4.211 min  
Delta R.T.: -0.002 min  
Response: 89008706  
Conc: 48.07 ng/ml



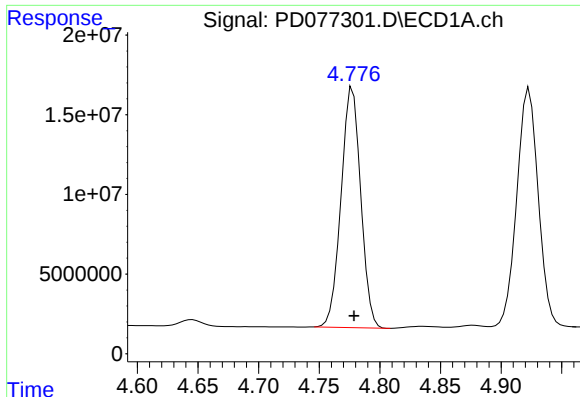
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 72175371  
Conc: 47.96 ng/ml



#6 beta-BHC

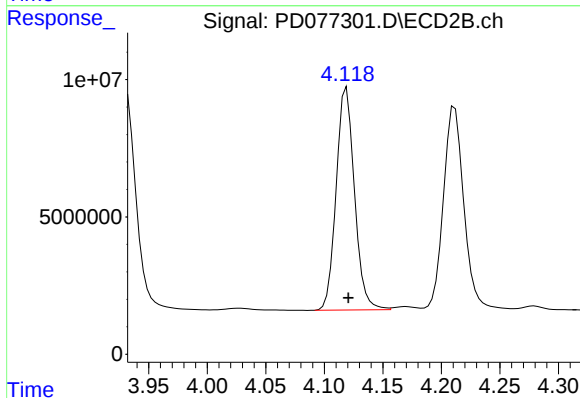
R.T.: 3.889 min  
Delta R.T.: -0.001 min  
Response: 37549031  
Conc: 49.22 ng/ml



#7 delta-BHC

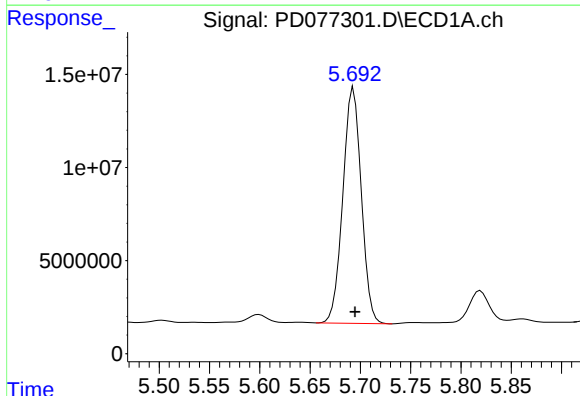
R.T.: 4.778 min  
Delta R.T.: -0.001 min  
Response: 170371186  
Conc: 48.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



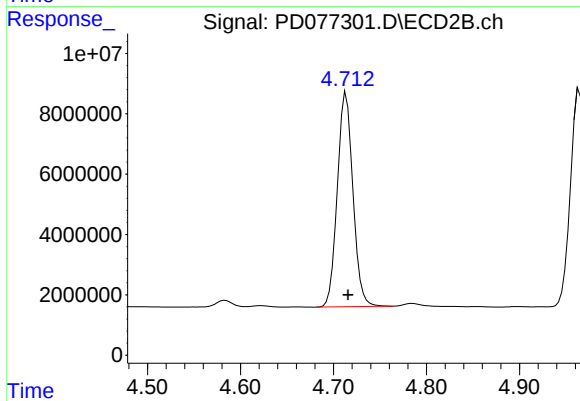
#7 delta-BHC

R.T.: 4.119 min  
Delta R.T.: -0.001 min  
Response: 88167114  
Conc: 49.55 ng/ml



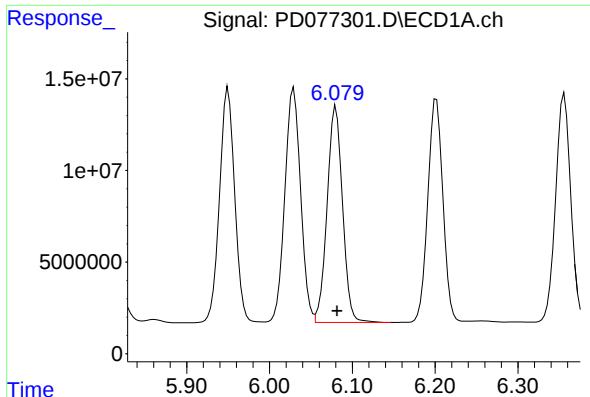
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: -0.002 min  
Response: 161340581  
Conc: 48.73 ng/ml



#8 Heptachlor epoxide

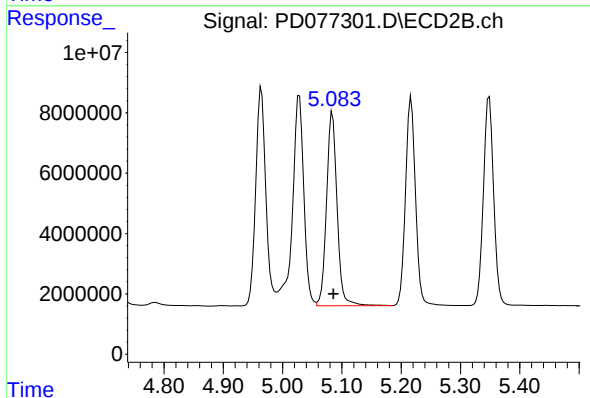
R.T.: 4.714 min  
Delta R.T.: -0.002 min  
Response: 82938258  
Conc: 49.60 ng/ml



#9 Endosulfan I

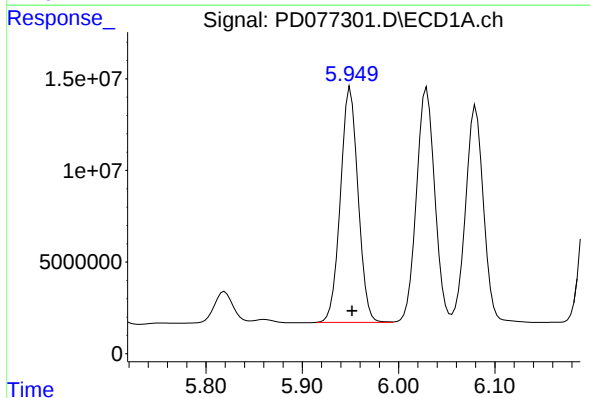
R.T.: 6.080 min  
Delta R.T.: -0.002 min  
Response: 152925367  
Conc: 50.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



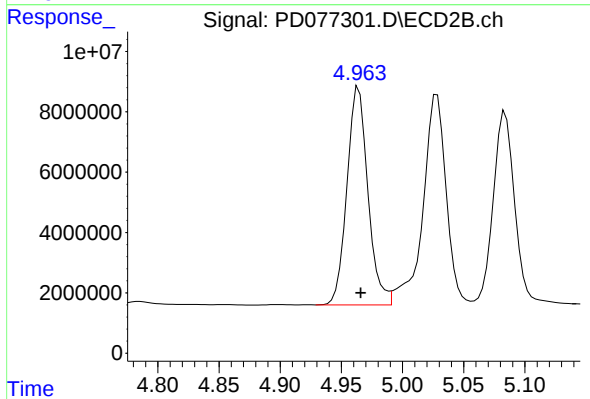
#9 Endosulfan I

R.T.: 5.084 min  
Delta R.T.: -0.002 min  
Response: 79177607  
Conc: 50.76 ng/ml



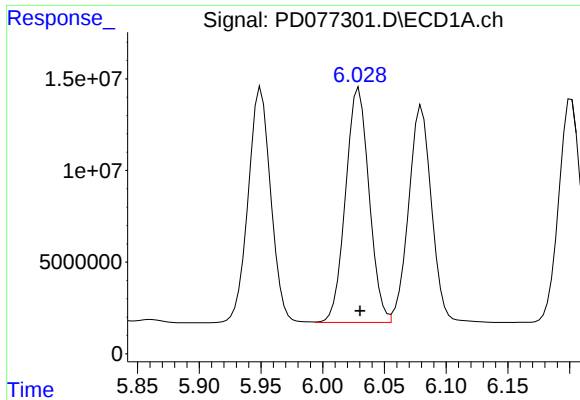
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 163029549  
Conc: 50.09 ng/ml



#10 gamma-Chlordane

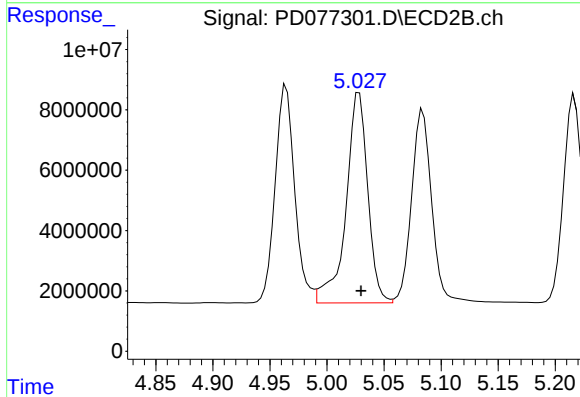
R.T.: 4.964 min  
Delta R.T.: -0.002 min  
Response: 86191619  
Conc: 51.96 ng/ml



#11 alpha-Chlordane

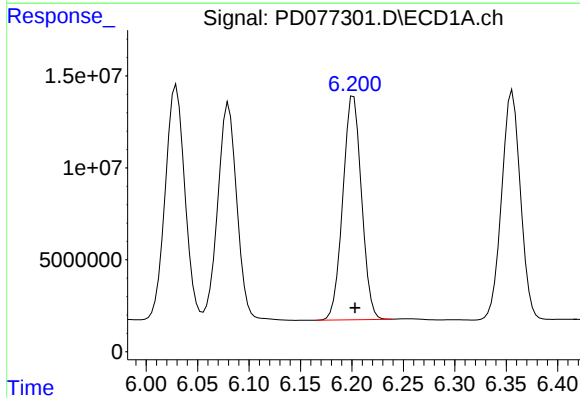
R.T.: 6.029 min  
Delta R.T.: -0.001 min  
Response: 169732874  
Conc: 51.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



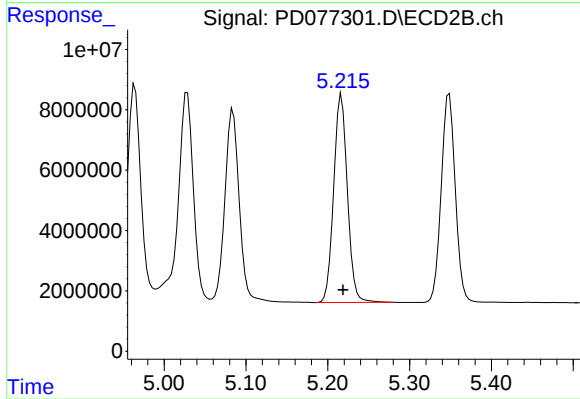
#11 alpha-Chlordane

R.T.: 5.028 min  
Delta R.T.: -0.002 min  
Response: 92638394  
Conc: 55.47 ng/ml



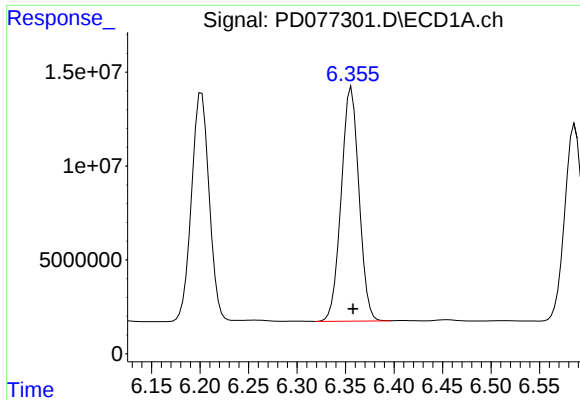
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: -0.002 min  
Response: 153861401  
Conc: 51.87 ng/ml



#12 4,4'-DDE

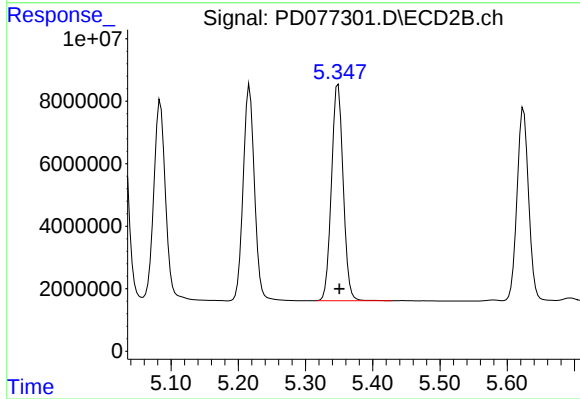
R.T.: 5.217 min  
Delta R.T.: -0.002 min  
Response: 80467806  
Conc: 55.49 ng/ml



#13 Dieldrin

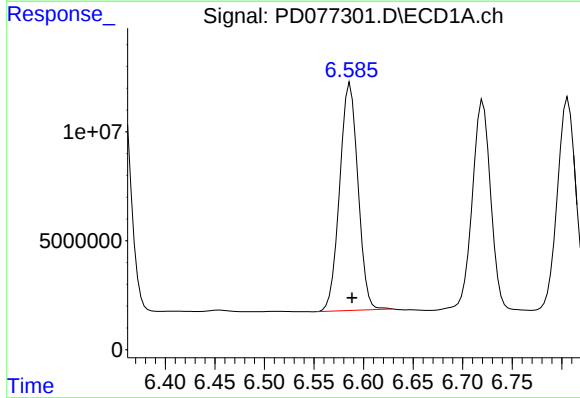
R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 158615213  
Conc: 48.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



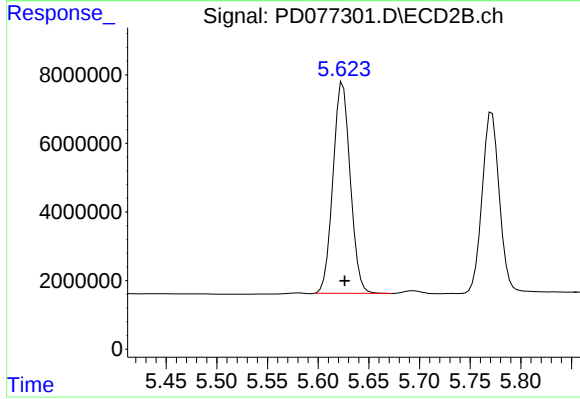
#13 Dieldrin

R.T.: 5.349 min  
Delta R.T.: -0.002 min  
Response: 83005023  
Conc: 49.27 ng/ml



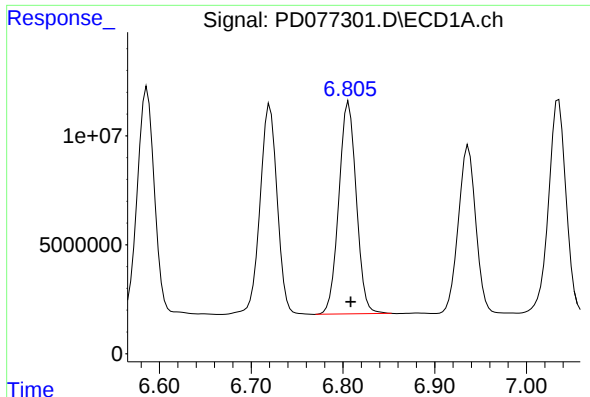
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: -0.002 min  
Response: 134336358  
Conc: 48.35 ng/ml



#14 Endrin

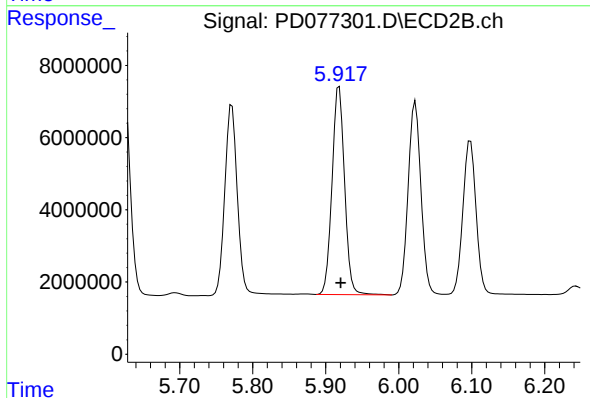
R.T.: 5.624 min  
Delta R.T.: -0.002 min  
Response: 73178749  
Conc: 50.01 ng/ml



#15 Endosulfan II

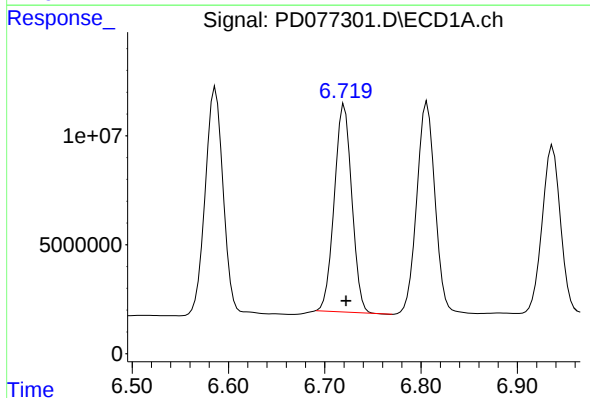
R.T.: 6.806 min  
Delta R.T.: -0.002 min  
Response: 128534438  
Conc: 40.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



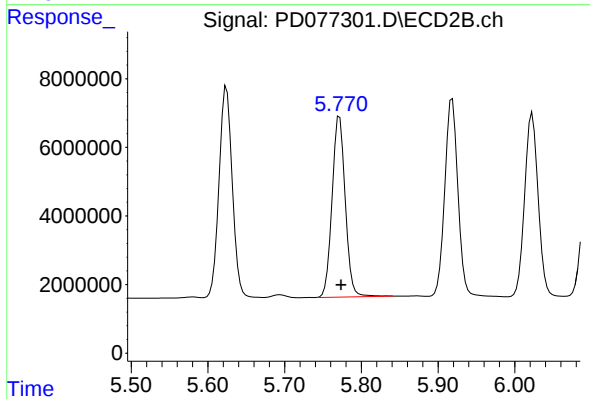
#15 Endosulfan II

R.T.: 5.918 min  
Delta R.T.: -0.002 min  
Response: 68710106  
Conc: 46.61 ng/ml



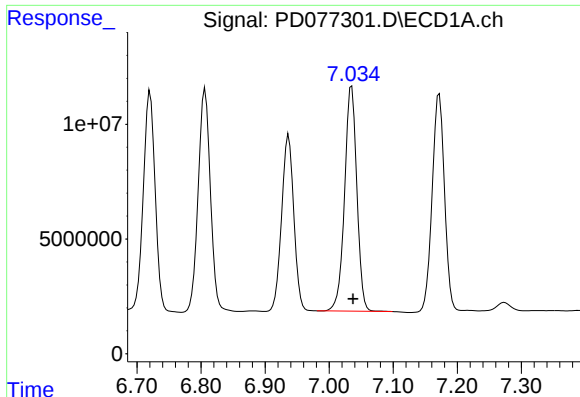
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: -0.002 min  
Response: 120452902  
Conc: 51.20 ng/ml



#16 4,4'-DDD

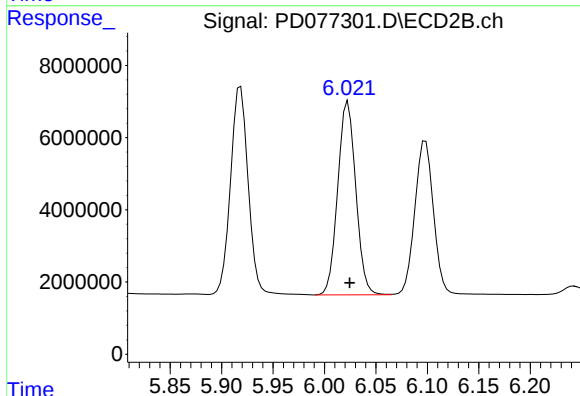
R.T.: 5.771 min  
Delta R.T.: -0.002 min  
Response: 62802224  
Conc: 56.47 ng/ml



#17 4,4'-DDT

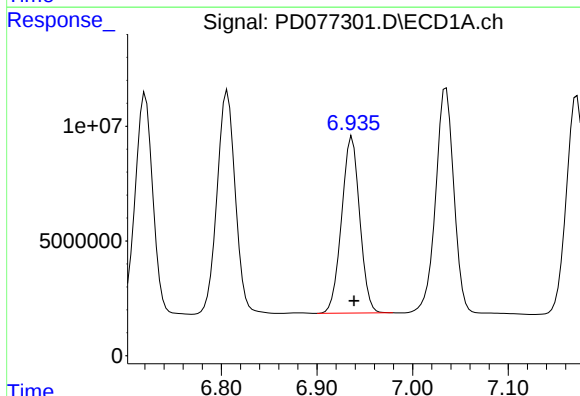
R.T.: 7.035 min  
Delta R.T.: -0.002 min  
Response: 130207112  
Conc: 53.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



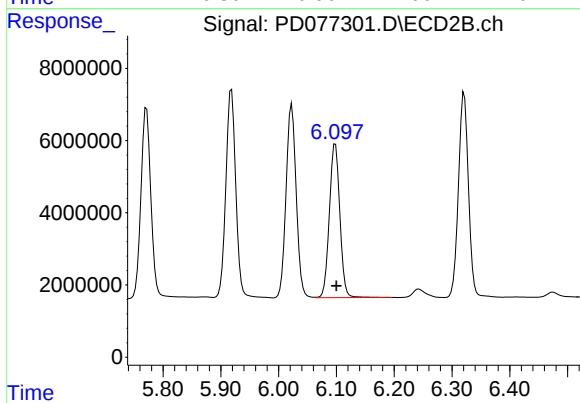
#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 65386031  
Conc: 58.82 ng/ml



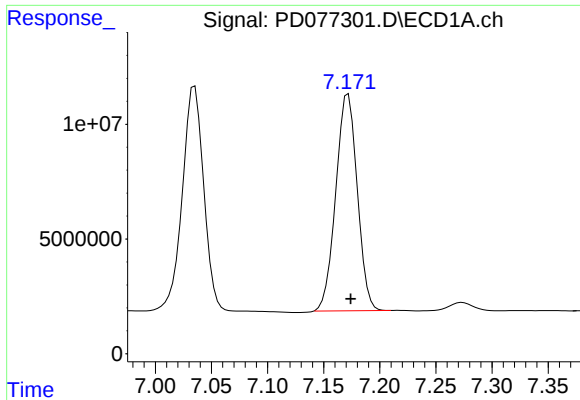
#18 Endrin aldehyde

R.T.: 6.937 min  
Delta R.T.: -0.002 min  
Response: 101525749  
Conc: 46.48 ng/ml



#18 Endrin aldehyde

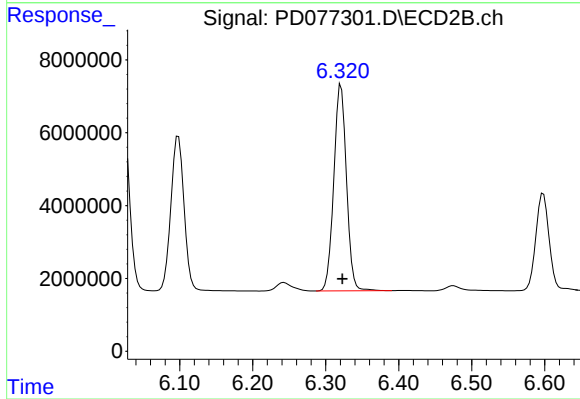
R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 53977498  
Conc: 47.42 ng/ml



#19 Endosulfan Sulfate

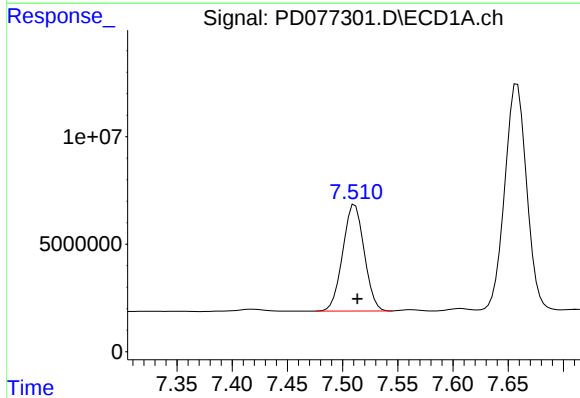
R.T.: 7.172 min  
Delta R.T.: -0.002 min  
Response: 125766394  
Conc: 48.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



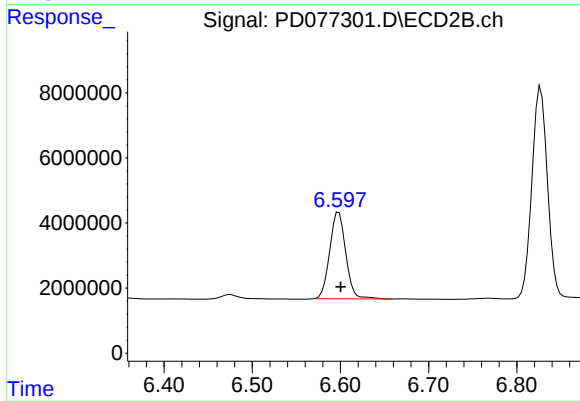
#19 Endosulfan Sulfate

R.T.: 6.321 min  
Delta R.T.: -0.002 min  
Response: 68448577  
Conc: 51.32 ng/ml



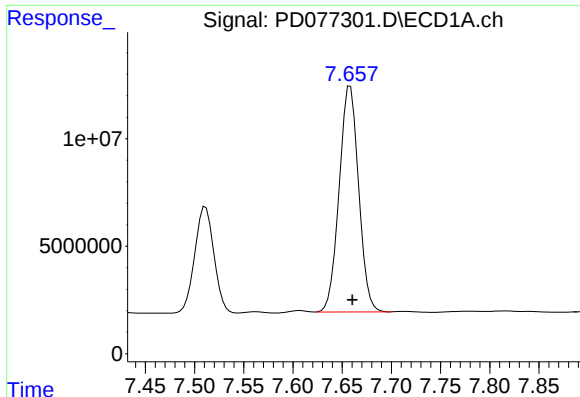
#20 Methoxychlor

R.T.: 7.511 min  
Delta R.T.: -0.002 min  
Response: 66963103  
Conc: 47.26 ng/ml



#20 Methoxychlor

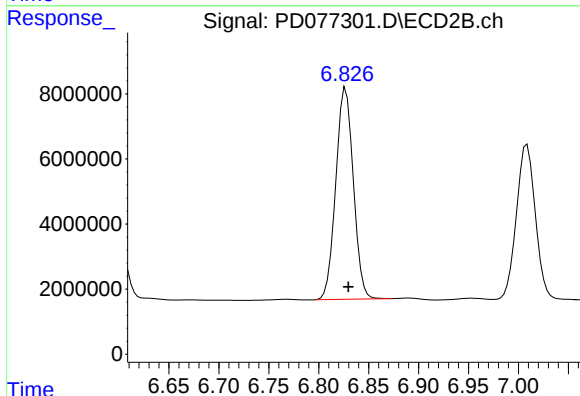
R.T.: 6.598 min  
Delta R.T.: -0.002 min  
Response: 33696833  
Conc: 56.36 ng/ml



#21 Endrin ketone

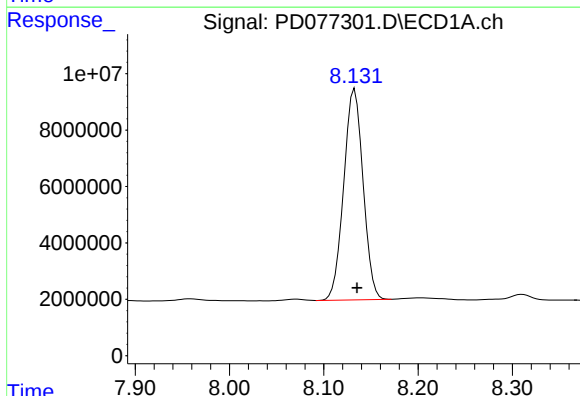
R.T.: 7.658 min  
Delta R.T.: -0.002 min  
Response: 144749602  
Conc: 48.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



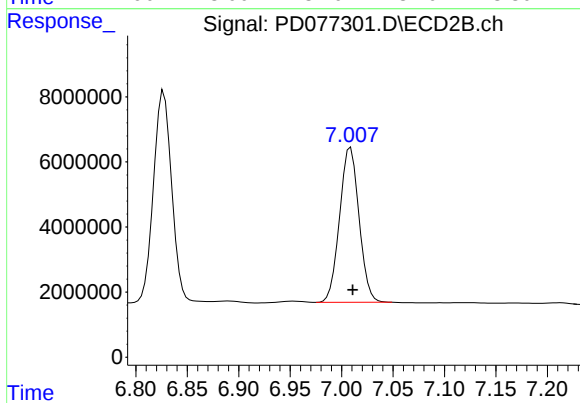
#21 Endrin ketone

R.T.: 6.827 min  
Delta R.T.: -0.002 min  
Response: 79502490  
Conc: 50.14 ng/ml



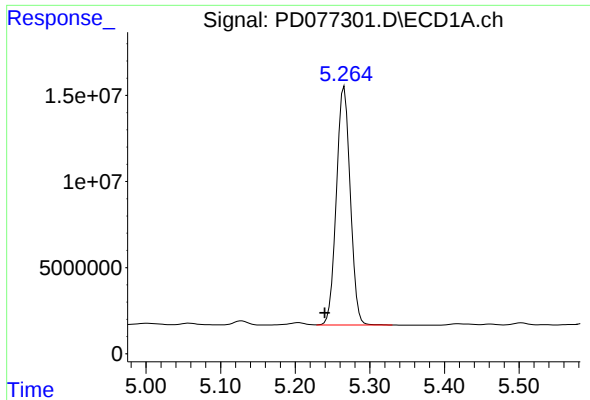
#22 Mirex

R.T.: 8.133 min  
Delta R.T.: -0.002 min  
Response: 106793786  
Conc: 46.82 ng/ml



#22 Mirex

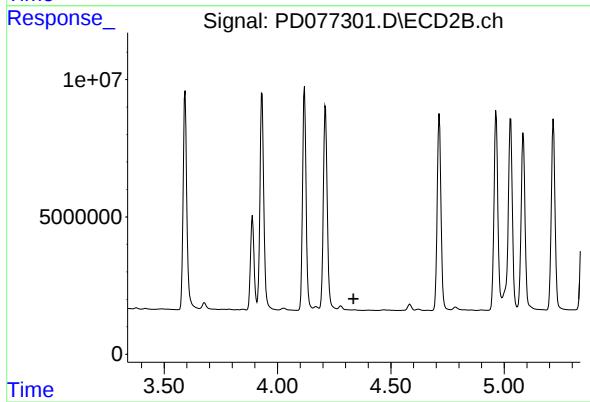
R.T.: 7.009 min  
Delta R.T.: -0.002 min  
Response: 62607213  
Conc: 48.35 ng/ml



#24 Chlordane-2

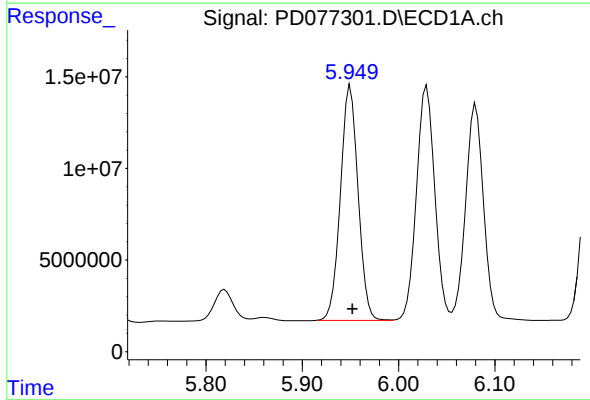
R.T.: 5.266 min  
Delta R.T.: 0.026 min  
Response: 179161002  
Conc: 1477.34 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



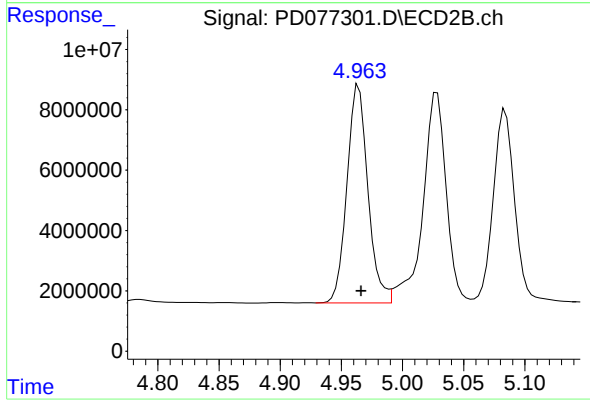
#24 Chlordane-2

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



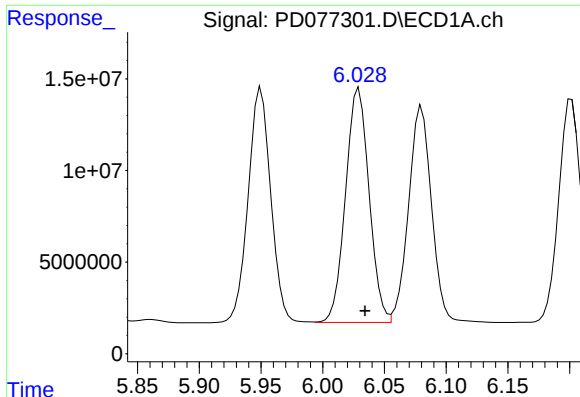
#25 Chlordane-3

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 163029549  
Conc: 344.22 ng/ml



#25 Chlordane-3

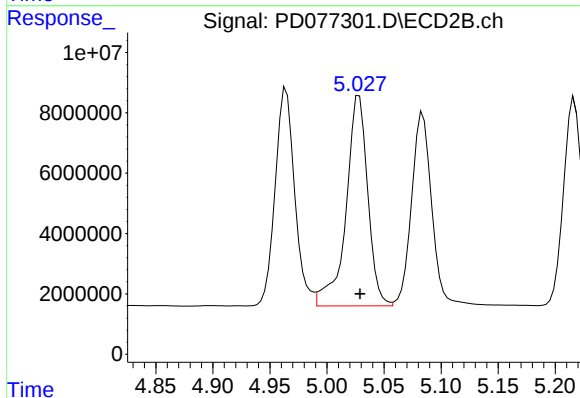
R.T.: 4.964 min  
Delta R.T.: -0.002 min  
Response: 86191619  
Conc: 528.21 ng/ml



#26 Chlordane-4

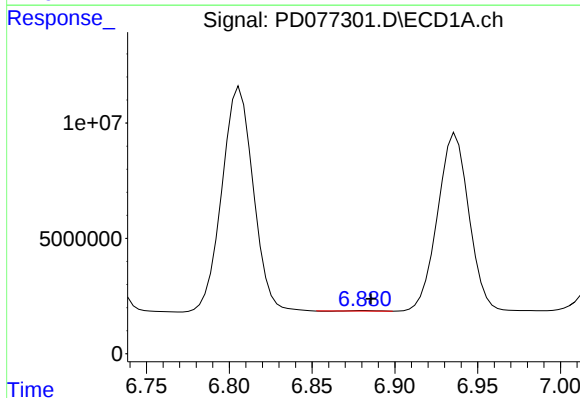
R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 169732874  
Conc: 293.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



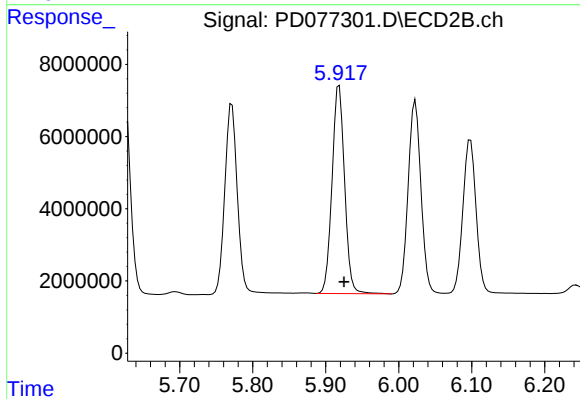
#26 Chlordane-4

R.T.: 5.028 min  
Delta R.T.: 0.000 min  
Response: 92638394  
Conc: 575.07 ng/ml



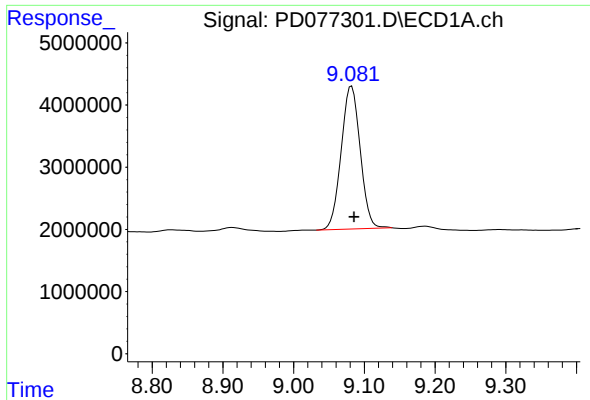
#27 Chlordane-5

R.T.: 6.882 min  
Delta R.T.: -0.004 min  
Response: 142004  
Conc: 1.53 ng/ml



#27 Chlordane-5

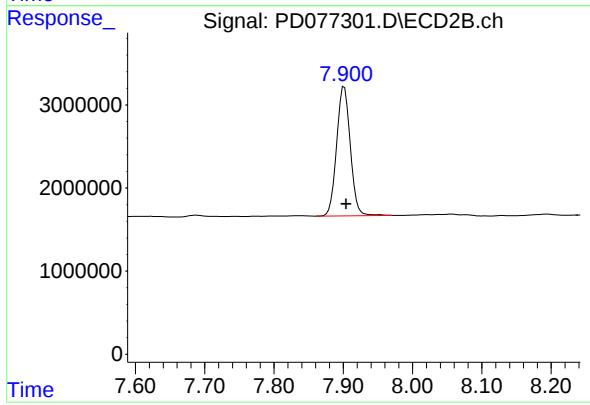
R.T.: 5.918 min  
Delta R.T.: -0.007 min  
Response: 68710106  
Conc: 1150.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min  
Delta R.T.: -0.004 min  
Response: 42973963  
Conc: 15.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.901 min  
Delta R.T.: -0.003 min  
Response: 21332126  
Conc: 14.91 ng/ml