

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
 Data File : PD075859.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2023 17:01  
 Operator : AR\AJ  
 Sample : PB153489BS  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB153489BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 22:03:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.551 | 2.767 | 50493595 | 25746625 | 23.704  | 23.731     |
| 28)                         | SA Decachlor... | 9.094 | 7.915 | 57014225 | 23433305 | 22.505  | 23.965     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.007 | 3.269 | 186.0E6  | 78377420 | 50.386  | 48.993     |
| 3)                          | MA gamma-BHC... | 4.341 | 3.599 | 168.3E6  | 72494099 | 50.024  | 49.201     |
| 4)                          | MA Heptachlor   | 4.932 | 3.940 | 170.1E6  | 71662253 | 47.419  | 47.182     |
| 5)                          | MB Aldrin       | 5.275 | 4.220 | 165.0E6  | 70072649 | 47.100  | 46.991     |
| 6)                          | B beta-BHC      | 4.537 | 3.896 | 68572700 | 30528245 | 47.695  | 47.894     |
| 7)                          | B delta-BHC     | 4.785 | 4.126 | 163.6E6  | 70049940 | 49.223  | 48.344     |
| 8)                          | B Heptachlo...  | 5.703 | 4.722 | 145.6E6  | 63793179 | 45.185  | 46.441     |
| 9)                          | A Endosulfan I  | 6.090 | 5.093 | 134.8E6  | 59683295 | 44.926  | 46.693     |
| 10)                         | B gamma-Chl...  | 5.960 | 4.973 | 145.9E6  | 64200270 | 45.303  | 46.789     |
| 11)                         | B alpha-Chl...  | 6.039 | 5.037 | 143.8E6  | 63522003 | 44.468  | 46.307     |
| 12)                         | B 4,4'-DDE      | 6.211 | 5.227 | 132.5E6  | 56120909 | 46.363  | 50.280     |
| 13)                         | MA Dieldrin     | 6.365 | 5.358 | 139.0E6  | 62385595 | 44.473  | 46.240     |
| 14)                         | MA Endrin       | 6.596 | 5.634 | 114.9E6  | 55662238 | 42.980  | 45.738     |
| 15)                         | B Endosulfa...  | 6.816 | 5.928 | 110.4E6  | 50202712 | 42.740  | 46.534     |
| 16)                         | A 4,4'-DDD      | 6.730 | 5.783 | 106.5E6  | 47528534 | 46.807  | 53.932     |
| 17)                         | MA 4,4'-DDT     | 7.044 | 6.034 | 102.2E6  | 42923592 | 45.033  | 52.843     |
| 18)                         | B Endrin al...  | 6.946 | 6.108 | 84551982 | 39758728 | 42.137  | 45.938     |
| 19)                         | B Endosulfa...  | 7.181 | 6.331 | 110.2E6  | 51226050 | 43.723  | 47.405     |
| 20)                         | A Methoxychlor  | 7.521 | 6.610 | 56116290 | 24026575 | 43.353  | 51.911     |
| 21)                         | B Endrin ke...  | 7.667 | 6.838 | 122.3E6  | 57118886 | 43.899  | 47.013     |
| 22)                         | Mirex           | 8.143 | 7.020 | 90772787 | 44803112 | 42.367  | 42.742     |
| 25)                         | Chlordane-3     | 5.960 | 4.973 | 145.9E6  | 64200270 | 281.020 | 432.444 #  |
| 26)                         | Chlordane-4     | 6.039 | 5.037 | 143.8E6  | 63522003 | 228.108 | 432.835 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.928 | 0        | 50202712 | N.D.    | 1037.944 # |
| -----                       |                 |       |       |          |          |         |            |

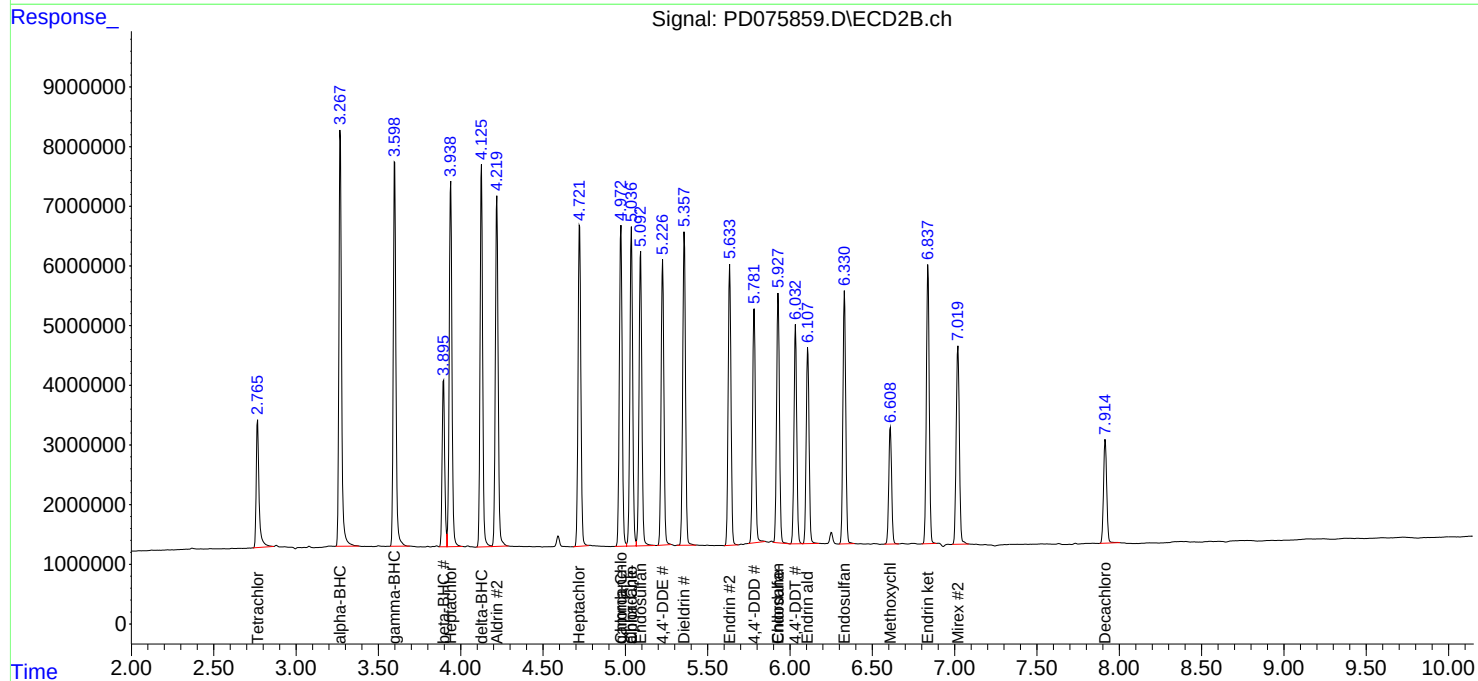
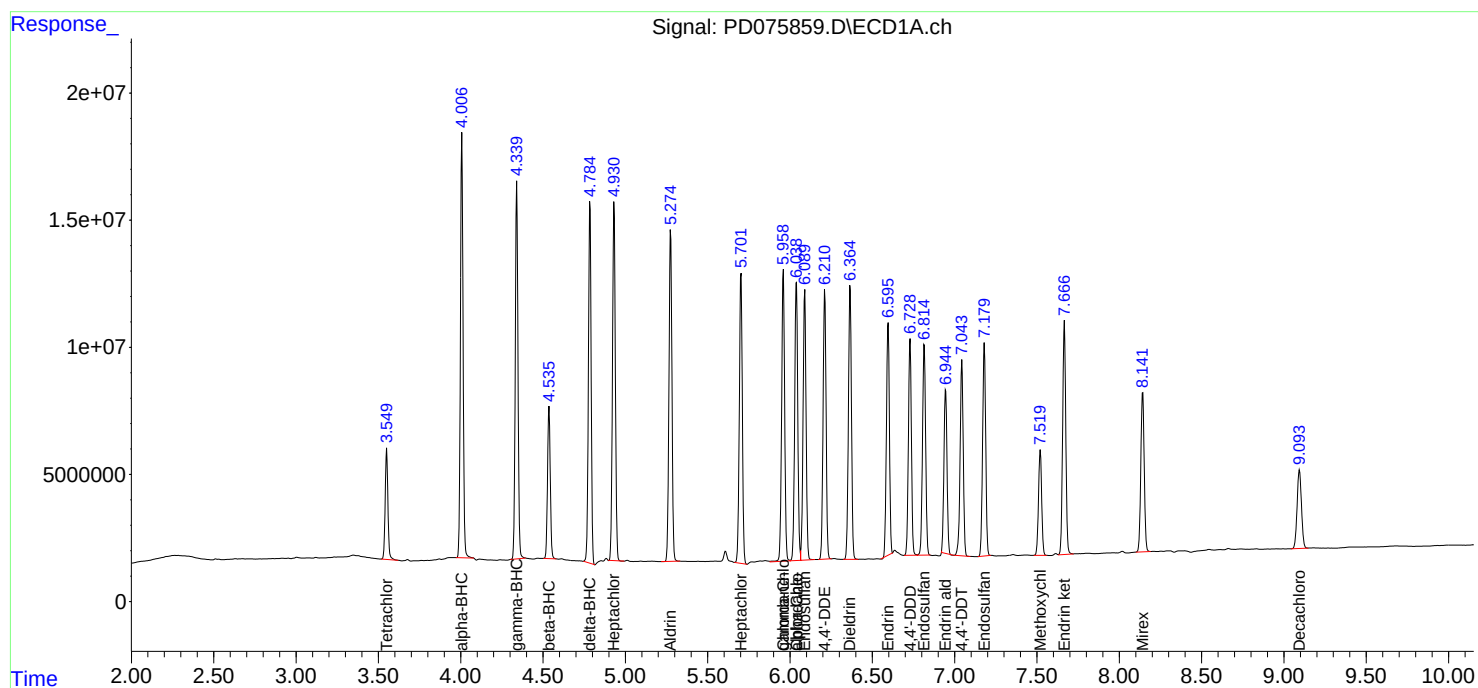
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

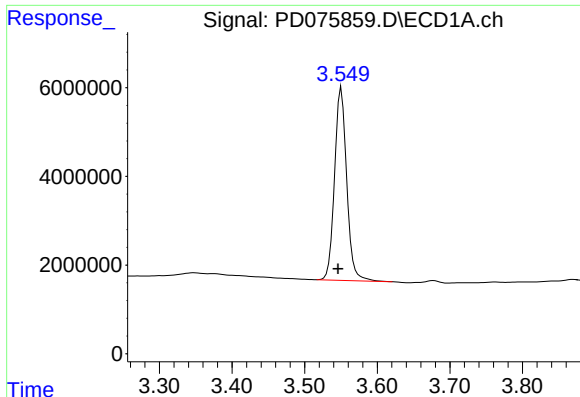
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
Data File : PD075859.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2023 17:01  
Operator : AR\AJ  
Sample : PB153489BS  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 22:03:38 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
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Volume Inj. : 2 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

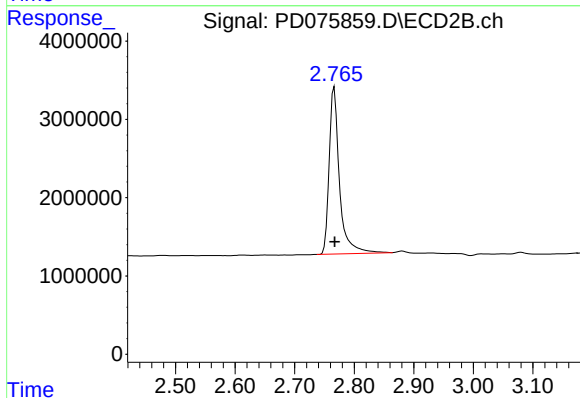




#1 Tetrachloro-m-xylene

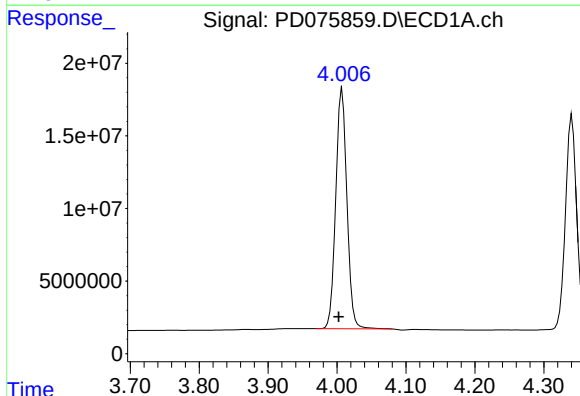
R.T.: 3.551 min  
Delta R.T.: 0.005 min  
Response: 50493595  
Conc: 23.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



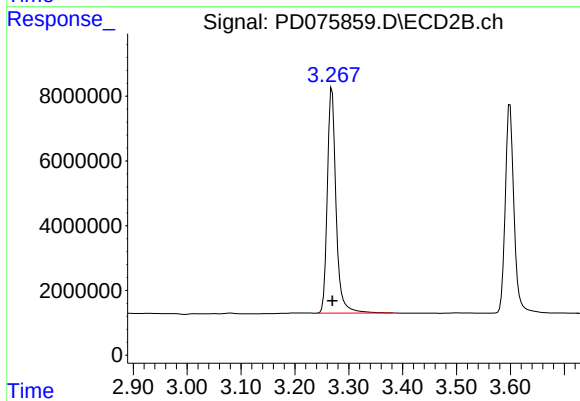
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 25746625  
Conc: 23.73 ng/ml



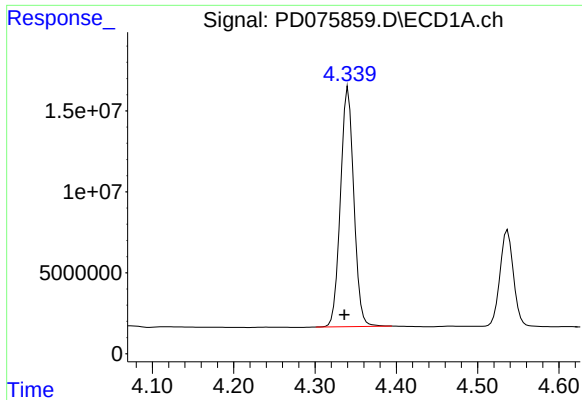
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.005 min  
Response: 186029732  
Conc: 50.39 ng/ml



#2 alpha-BHC

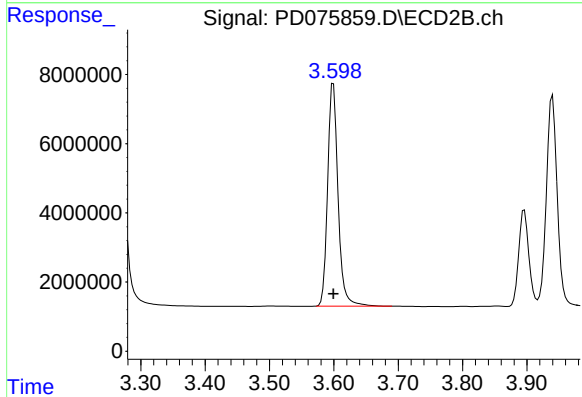
R.T.: 3.269 min  
Delta R.T.: 0.000 min  
Response: 78377420  
Conc: 48.99 ng/ml



#3 gamma-BHC (Lindane)

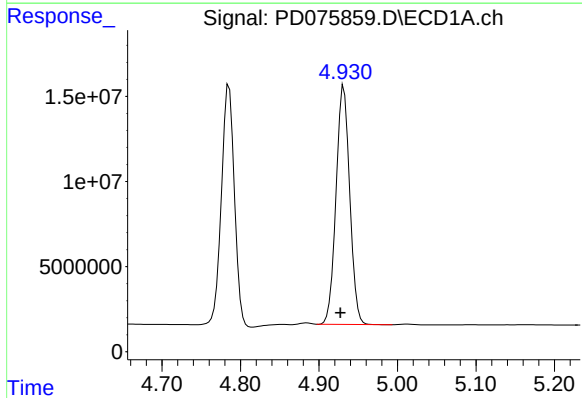
R.T.: 4.341 min  
Delta R.T.: 0.005 min  
Response: 168325485  
Conc: 50.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



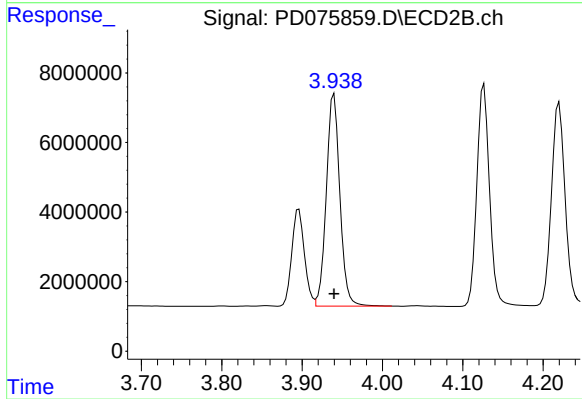
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 72494099  
Conc: 49.20 ng/ml



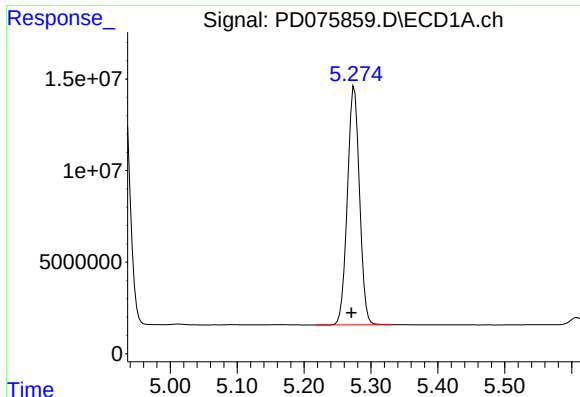
#4 Heptachlor

R.T.: 4.932 min  
Delta R.T.: 0.005 min  
Response: 170073233  
Conc: 47.42 ng/ml



#4 Heptachlor

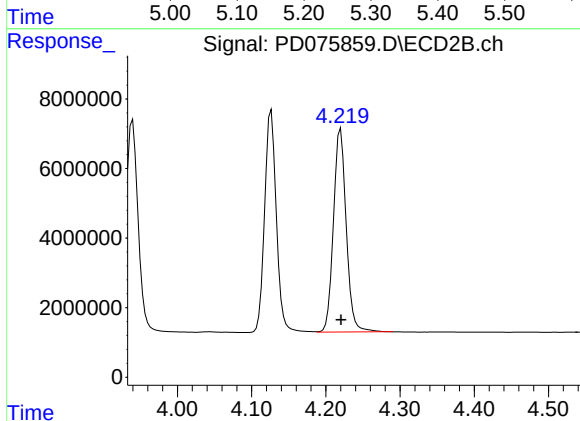
R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 71662253  
Conc: 47.18 ng/ml



#5 Aldrin

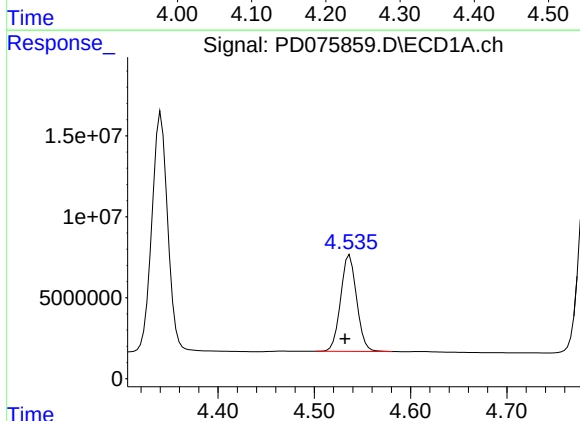
R.T.: 5.275 min  
Delta R.T.: 0.005 min  
Response: 165047817  
Conc: 47.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



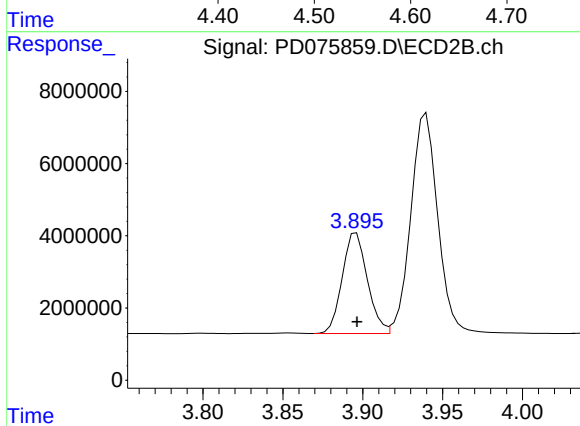
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 70072649  
Conc: 46.99 ng/ml



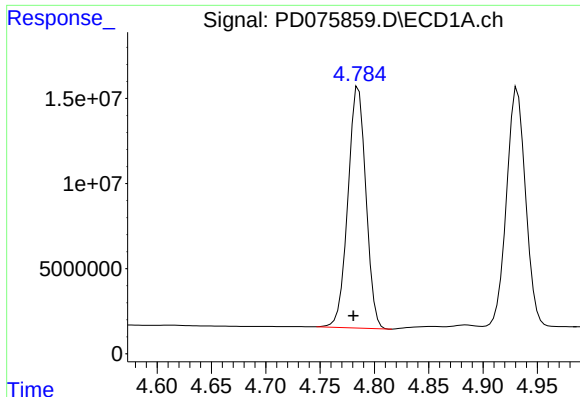
#6 beta-BHC

R.T.: 4.537 min  
Delta R.T.: 0.005 min  
Response: 68572700  
Conc: 47.70 ng/ml



#6 beta-BHC

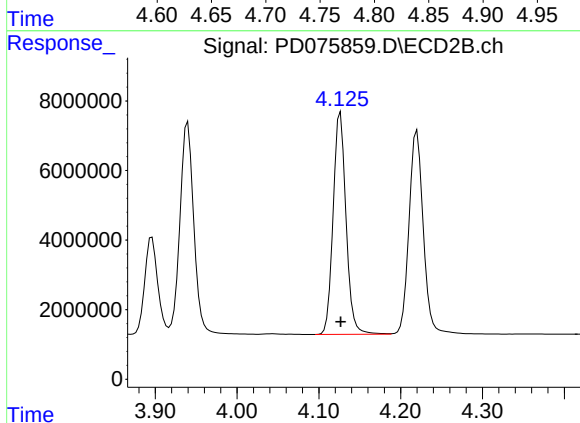
R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 30528245  
Conc: 47.89 ng/ml



#7 delta-BHC

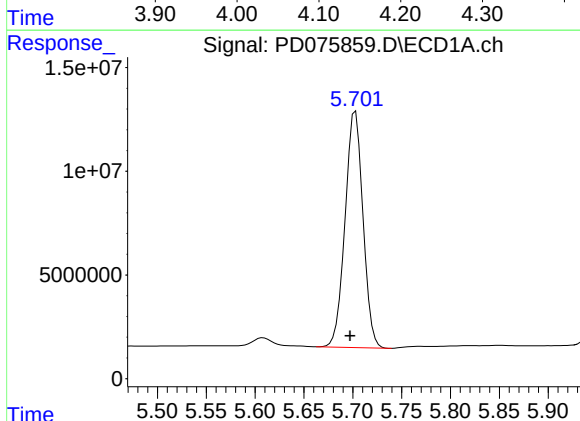
R.T.: 4.785 min  
Delta R.T.: 0.005 min  
Response: 163600821  
Conc: 49.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



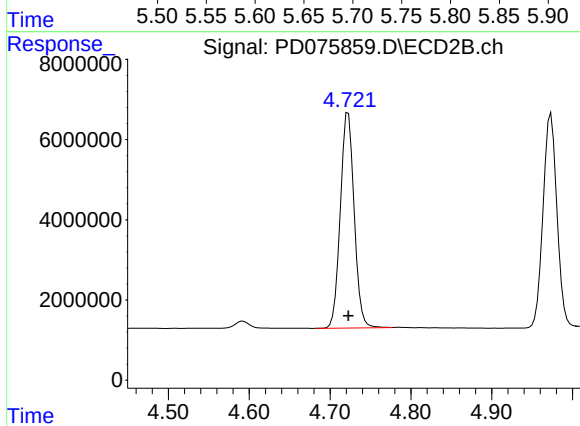
#7 delta-BHC

R.T.: 4.126 min  
Delta R.T.: 0.000 min  
Response: 70049940  
Conc: 48.34 ng/ml



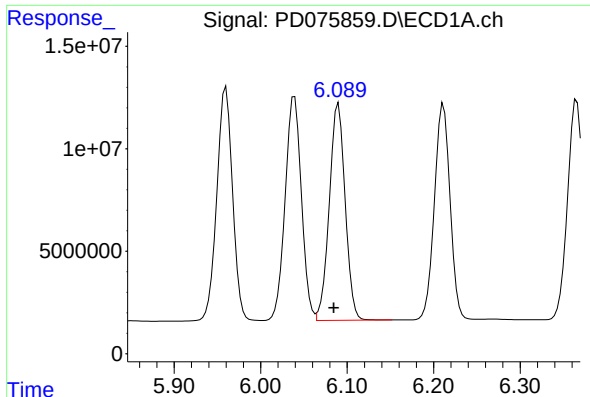
#8 Heptachlor epoxide

R.T.: 5.703 min  
Delta R.T.: 0.005 min  
Response: 145600159  
Conc: 45.19 ng/ml



#8 Heptachlor epoxide

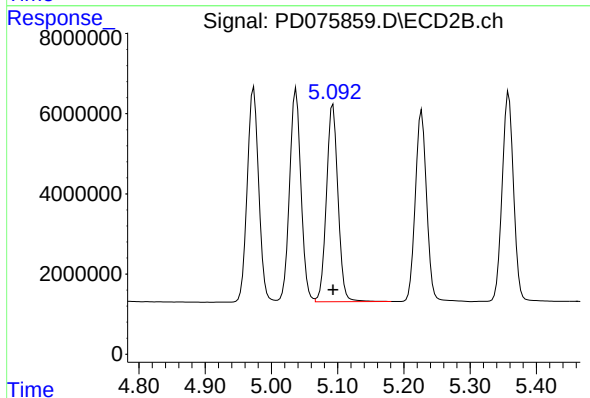
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 63793179  
Conc: 46.44 ng/ml



#9 Endosulfan I

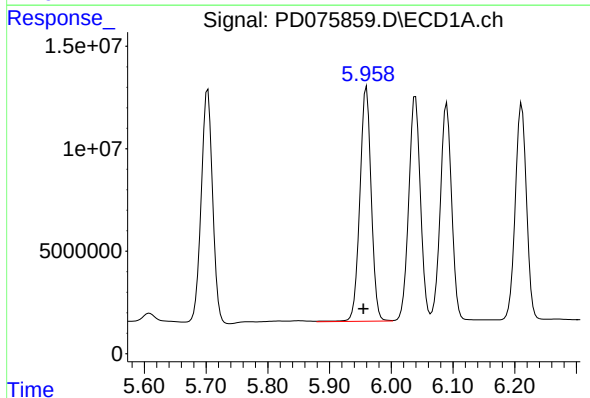
R.T.: 6.090 min  
Delta R.T.: 0.005 min  
Response: 134753765  
Conc: 44.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



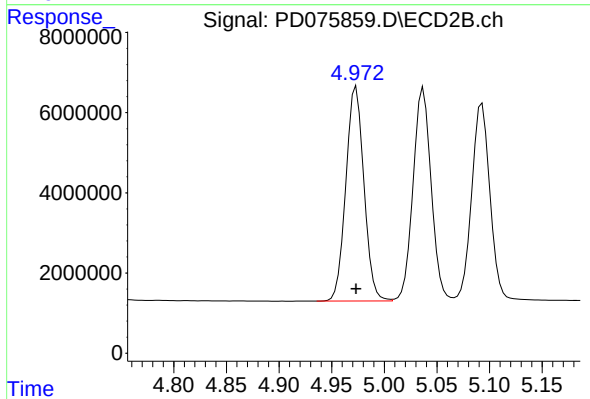
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: 0.000 min  
Response: 59683295  
Conc: 46.69 ng/ml



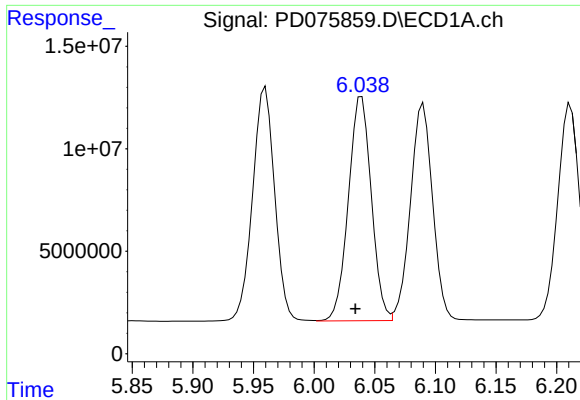
#10 gamma-Chlordane

R.T.: 5.960 min  
Delta R.T.: 0.005 min  
Response: 145936826  
Conc: 45.30 ng/ml



#10 gamma-Chlordane

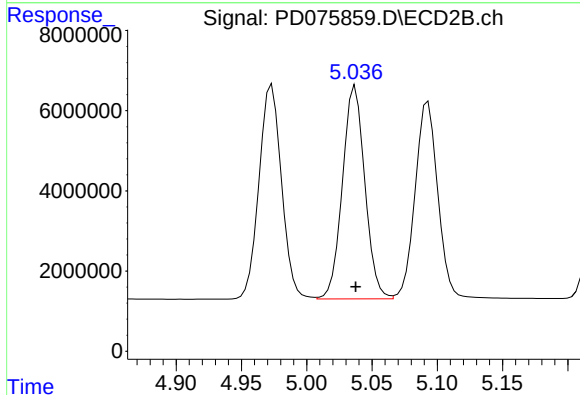
R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 64200270  
Conc: 46.79 ng/ml



#11 alpha-Chlordane

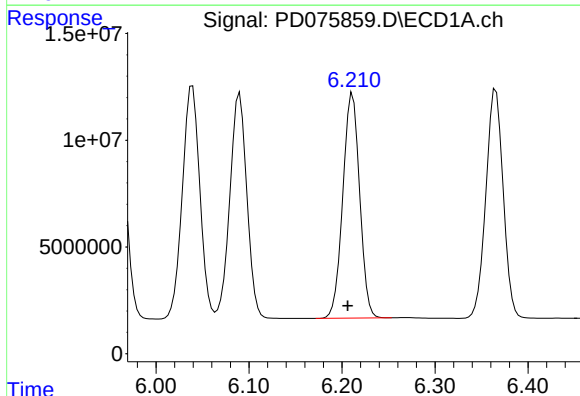
R.T.: 6.039 min  
Delta R.T.: 0.005 min  
Response: 143758341  
Conc: 44.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



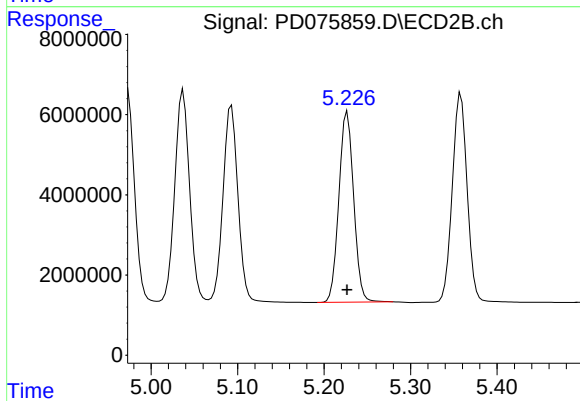
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 63522003  
Conc: 46.31 ng/ml



#12 4,4'-DDE

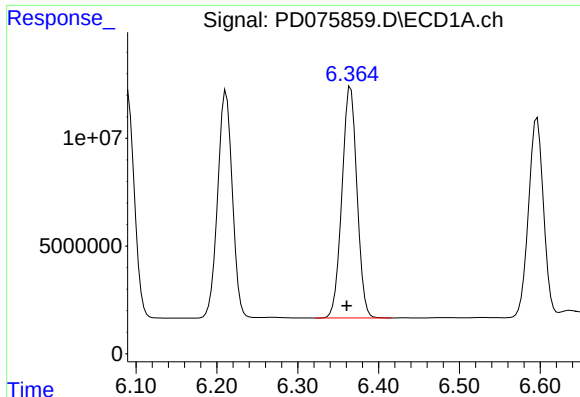
R.T.: 6.211 min  
Delta R.T.: 0.005 min  
Response: 132511036  
Conc: 46.36 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 56120909  
Conc: 50.28 ng/ml

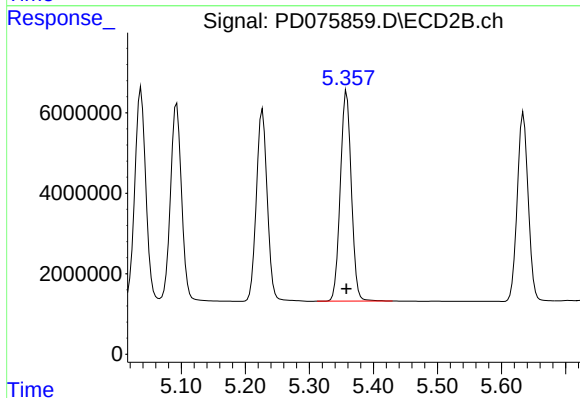




#13 Dieldrin

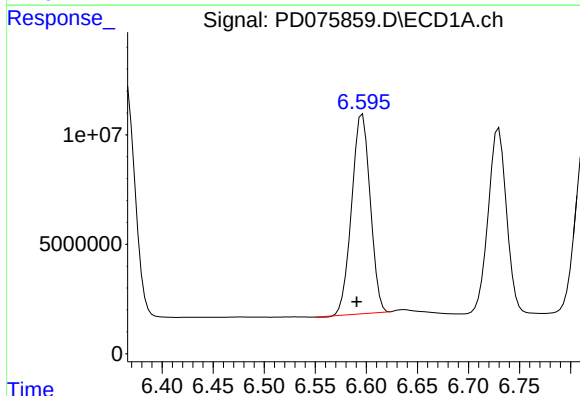
R.T.: 6.365 min  
Delta R.T.: 0.005 min  
Response: 138976448  
Conc: 44.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



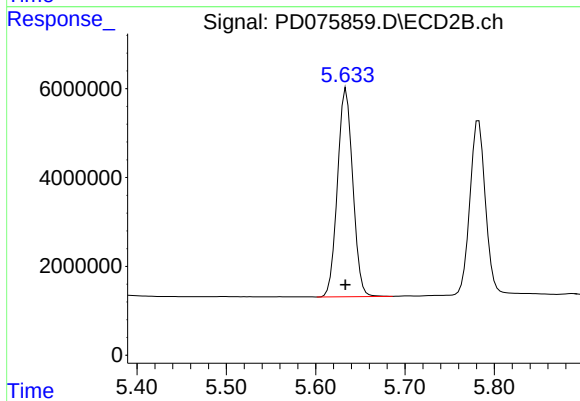
#13 Dieldrin

R.T.: 5.358 min  
Delta R.T.: 0.000 min  
Response: 62385595  
Conc: 46.24 ng/ml



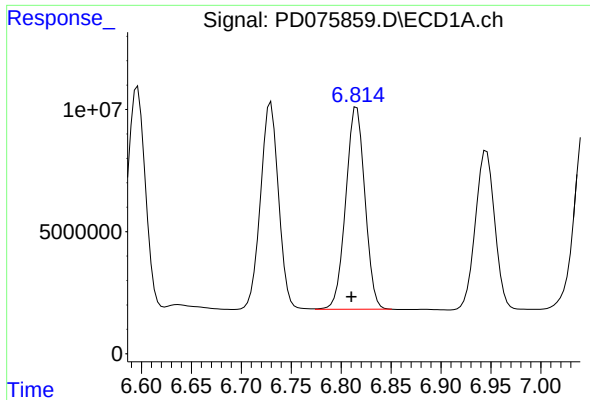
#14 Endrin

R.T.: 6.596 min  
Delta R.T.: 0.006 min  
Response: 114942606  
Conc: 42.98 ng/ml



#14 Endrin

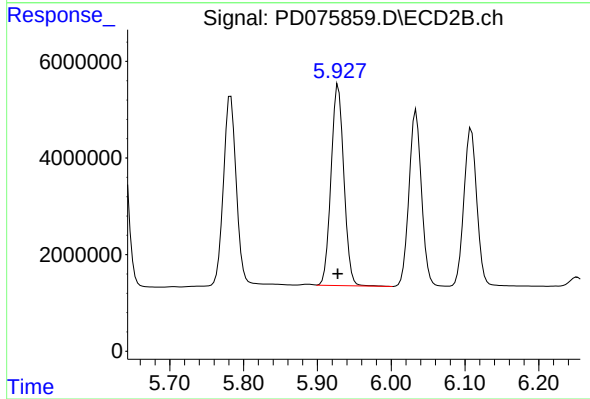
R.T.: 5.634 min  
Delta R.T.: 0.000 min  
Response: 55662238  
Conc: 45.74 ng/ml



#15 Endosulfan II

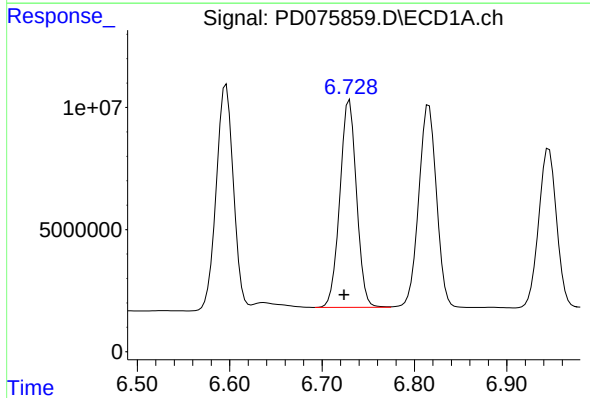
R.T.: 6.816 min  
Delta R.T.: 0.006 min  
Response: 110423617  
Conc: 42.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



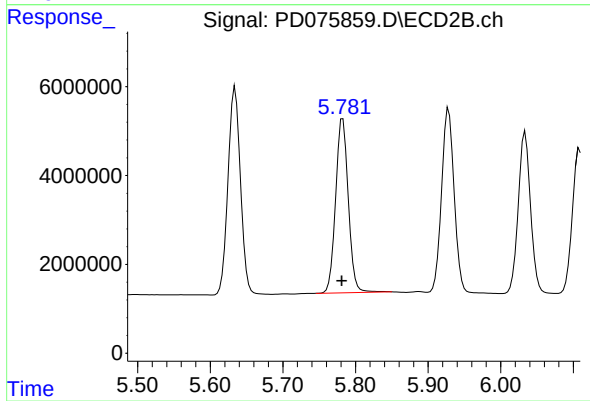
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 50202712  
Conc: 46.53 ng/ml



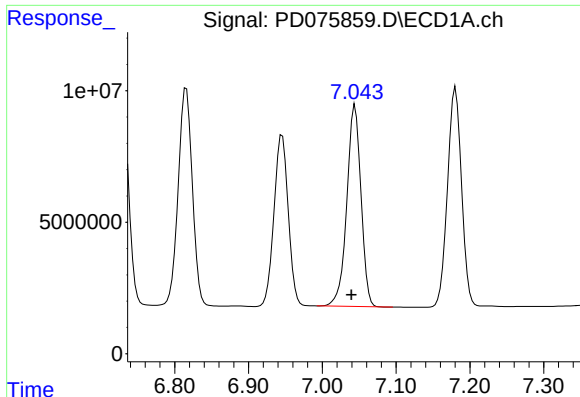
#16 4,4'-DDD

R.T.: 6.730 min  
Delta R.T.: 0.006 min  
Response: 106515475  
Conc: 46.81 ng/ml



#16 4,4'-DDD

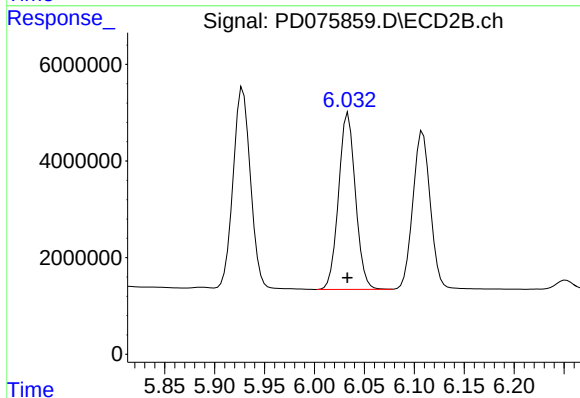
R.T.: 5.783 min  
Delta R.T.: 0.001 min  
Response: 47528534  
Conc: 53.93 ng/ml



#17 4,4'-DDT

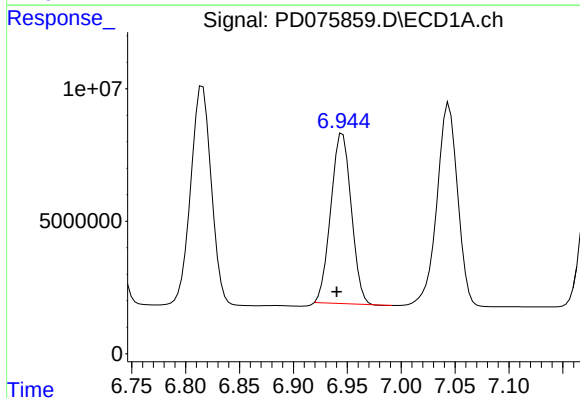
R.T.: 7.044 min  
Delta R.T.: 0.005 min  
Response: 102192545  
Conc: 45.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



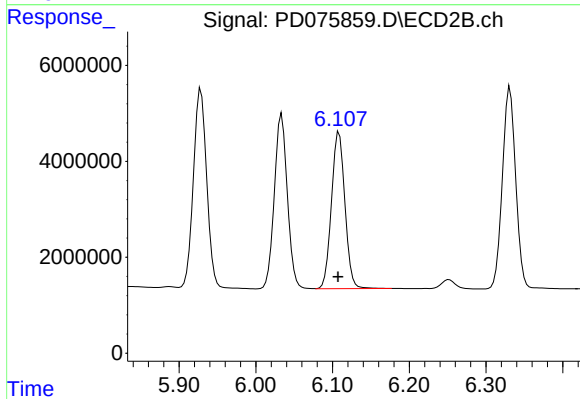
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 42923592  
Conc: 52.84 ng/ml



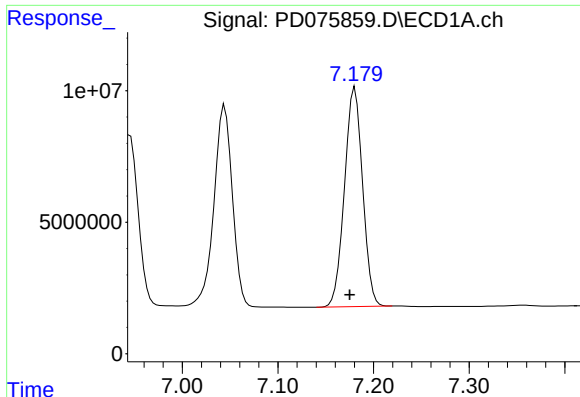
#18 Endrin aldehyde

R.T.: 6.946 min  
Delta R.T.: 0.005 min  
Response: 84551982  
Conc: 42.14 ng/ml



#18 Endrin aldehyde

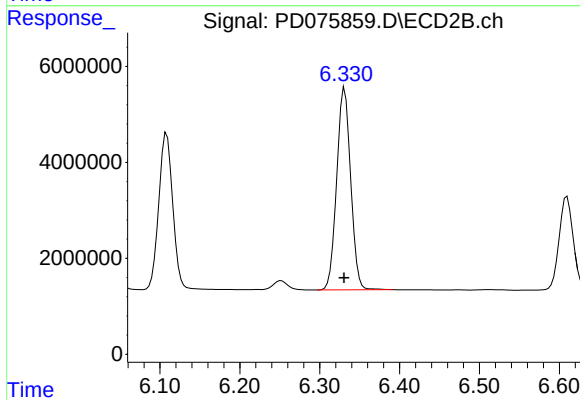
R.T.: 6.108 min  
Delta R.T.: 0.001 min  
Response: 39758728  
Conc: 45.94 ng/ml



#19 Endosulfan Sulfate

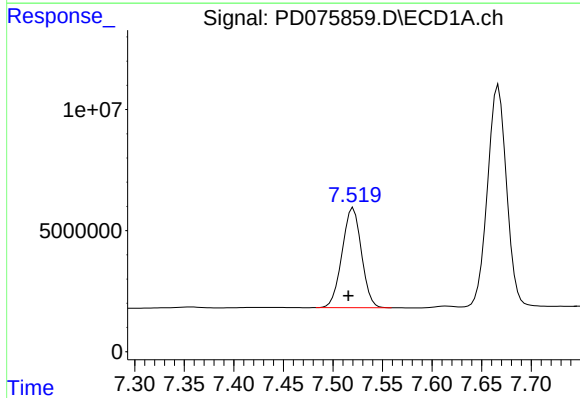
R.T.: 7.181 min  
Delta R.T.: 0.005 min  
Response: 110153860  
Conc: 43.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



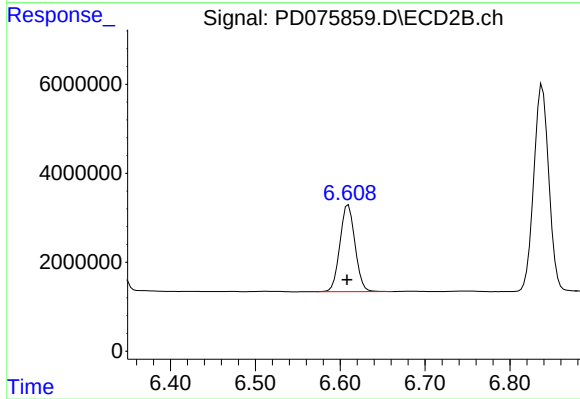
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 51226050  
Conc: 47.40 ng/ml



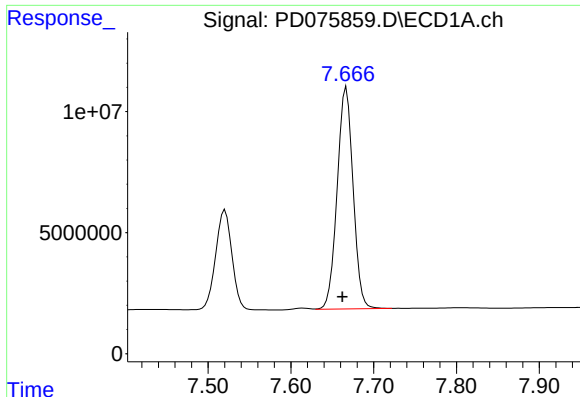
#20 Methoxychlor

R.T.: 7.521 min  
Delta R.T.: 0.005 min  
Response: 56116290  
Conc: 43.35 ng/ml



#20 Methoxychlor

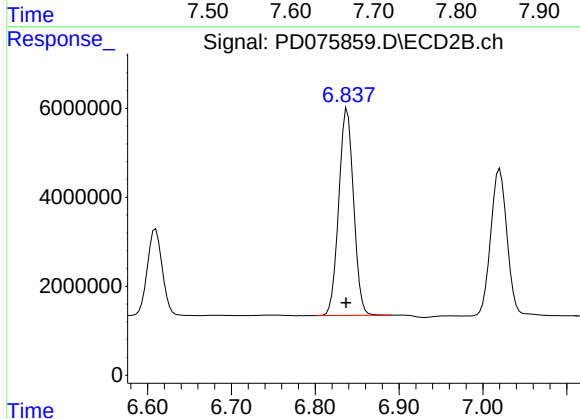
R.T.: 6.610 min  
Delta R.T.: 0.002 min  
Response: 24026575  
Conc: 51.91 ng/ml



#21 Endrin ketone

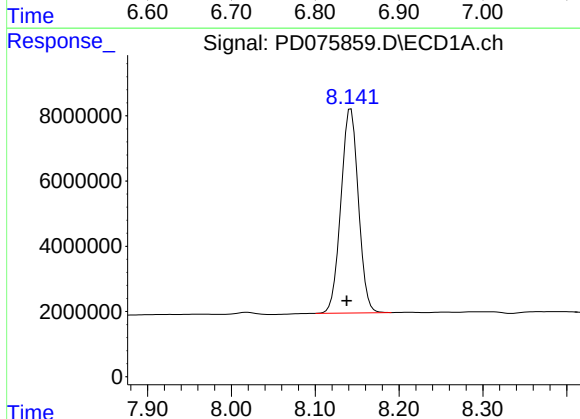
R.T.: 7.667 min  
Delta R.T.: 0.004 min  
Response: 122300448  
Conc: 43.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



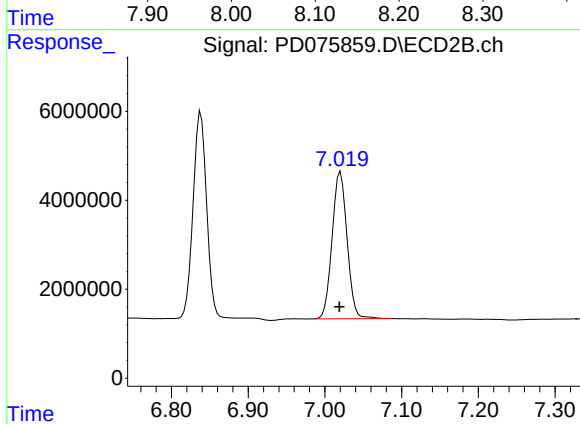
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: 0.001 min  
Response: 57118886  
Conc: 47.01 ng/ml



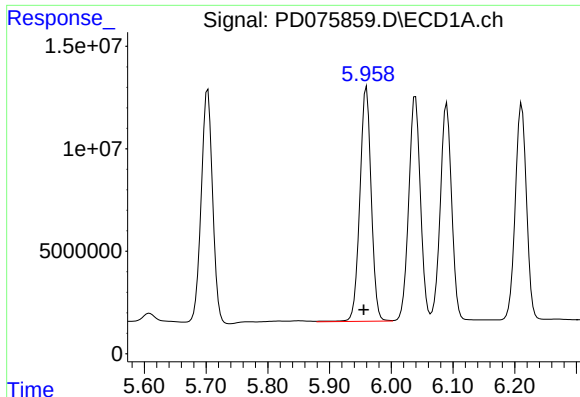
#22 Mirex

R.T.: 8.143 min  
Delta R.T.: 0.005 min  
Response: 90772787  
Conc: 42.37 ng/ml



#22 Mirex

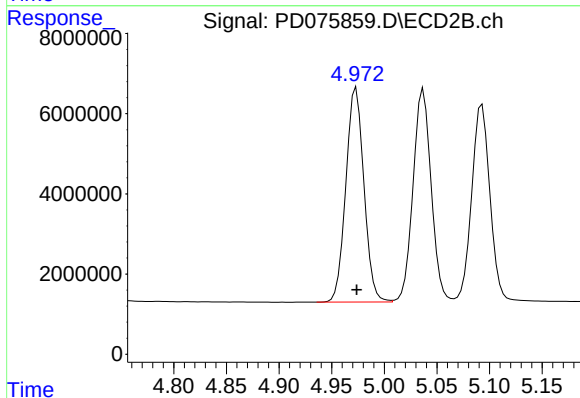
R.T.: 7.020 min  
Delta R.T.: 0.001 min  
Response: 44803112  
Conc: 42.74 ng/ml



#25 Chlordane-3

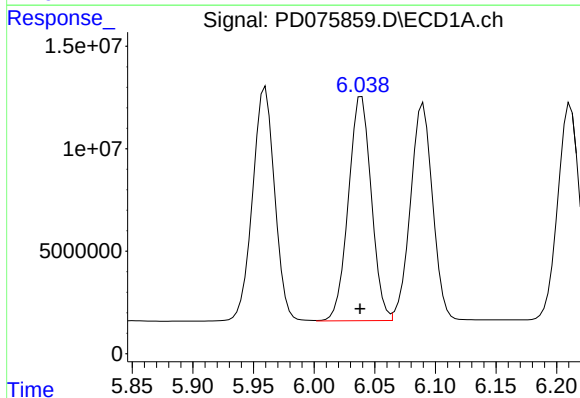
R.T.: 5.960 min  
Delta R.T.: 0.004 min  
Response: 145936826  
Conc: 281.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



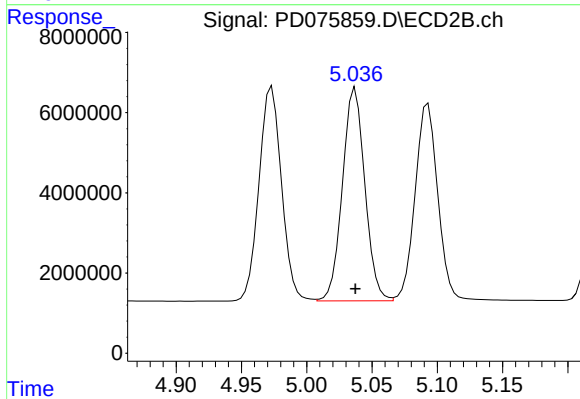
#25 Chlordane-3

R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 64200270  
Conc: 432.44 ng/ml



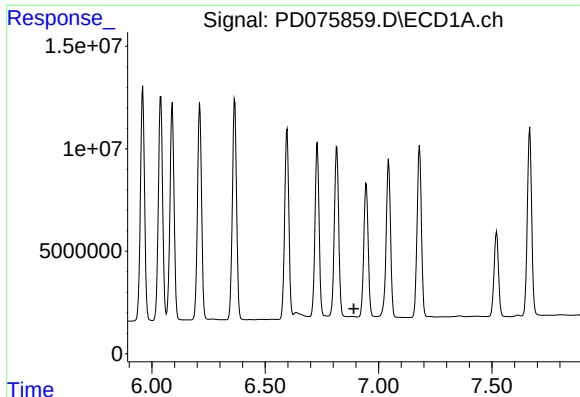
#26 Chlordane-4

R.T.: 6.039 min  
Delta R.T.: 0.001 min  
Response: 143758341  
Conc: 228.11 ng/ml



#26 Chlordane-4

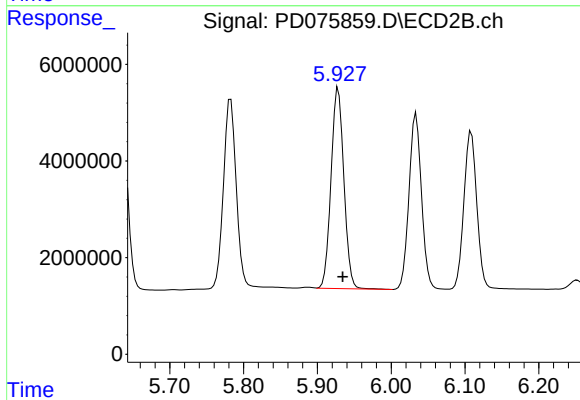
R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 63522003  
Conc: 432.83 ng/ml



#27 Chlordane-5

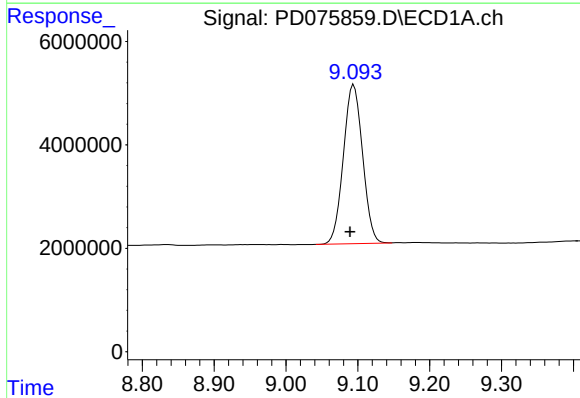
R.T.: 0.000 min  
Exp R.T.: 6.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB153489BS



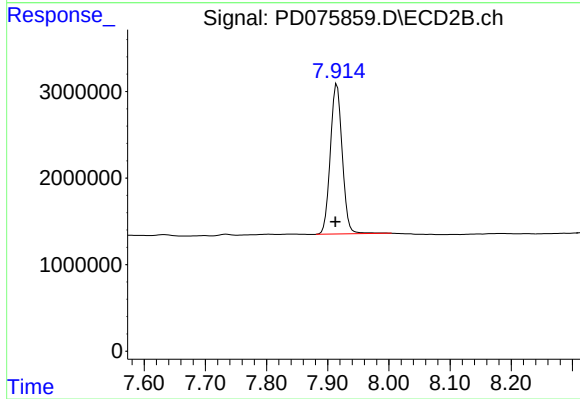
#27 Chlordane-5

R.T.: 5.928 min  
Delta R.T.: -0.006 min  
Response: 50202712  
Conc: 1037.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min  
Delta R.T.: 0.005 min  
Response: 57014225  
Conc: 22.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: 0.002 min  
Response: 23433305  
Conc: 23.97 ng/ml