

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022324\  
 Data File : PD081577.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2024 11:19  
 Operator : AR\AJ  
 Sample : P1501-04MSD (Sig #1); P1501-04MS (Sig #2)  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 E10A0MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 21 22:00:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 17:06:05 2024  
 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

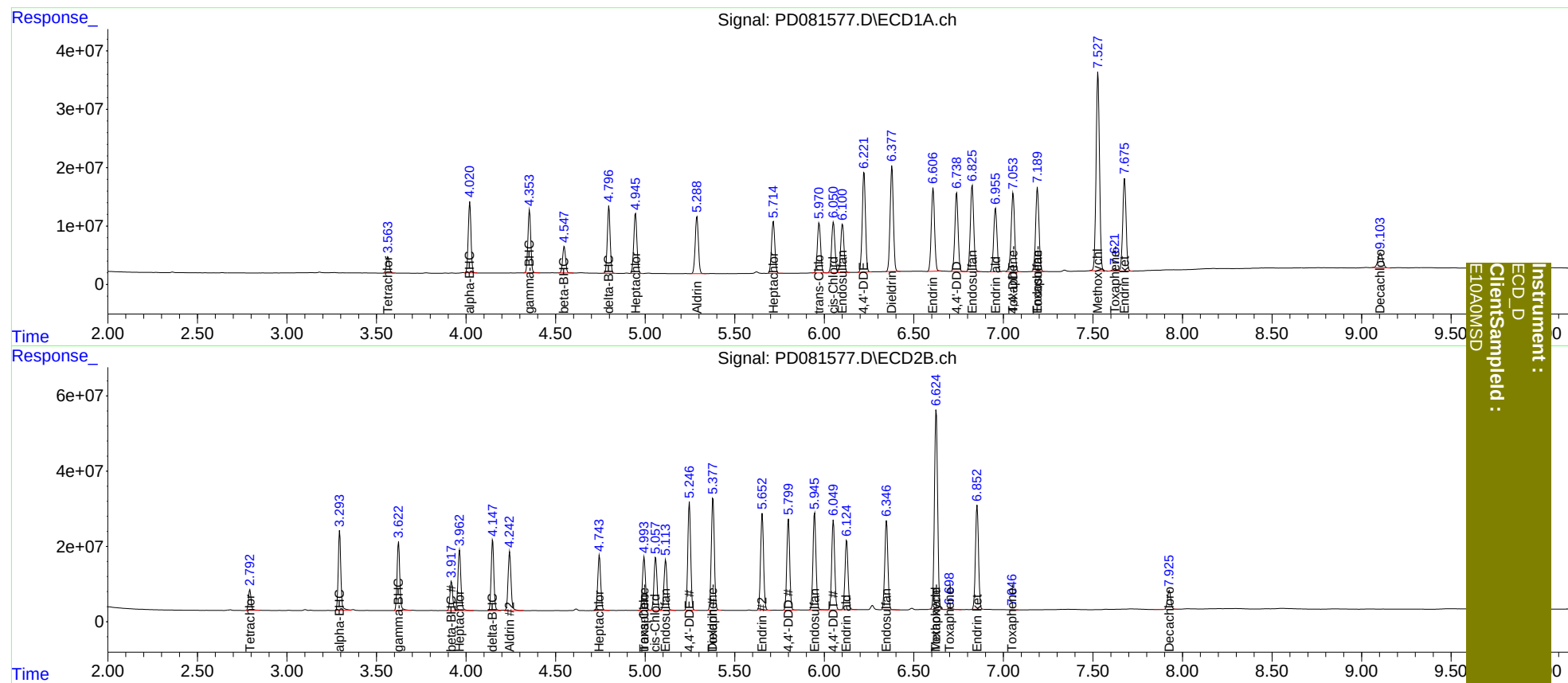
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-------------|
| -----                       |                 |        |        |          |          |          |             |
| System Monitoring Compounds |                 |        |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.564  | 2.793  | 30589819 | 54880829 | 22.375   | 22.386      |
| 2)                          | SA Decachlor... | 9.105  | 7.927  | 46245535 | 64244231 | 23.969   | 25.898      |
| Target Compounds            |                 |        |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.021  | 3.294  | 129.5E6  | 213.6E6  | 55.457   | 55.556      |
| 3)                          | MA gamma-BHC... | 4.354  | 3.623  | 119.9E6  | 190.7E6  | 51.894   | 52.641      |
| 4)                          | MA Heptachlor   | 4.946  | 3.964  | 125.6E6  | 182.7E6  | 51.200   | 51.514      |
| 5)                          | MB Aldrin       | 5.289  | 4.243  | 121.5E6  | 179.2E6  | 51.396   | 52.913      |
| 6)                          | B beta-BHC      | 4.548  | 3.918  | 51627024 | 81800144 | 49.678   | 48.411      |
| 7)                          | B delta-BHC     | 4.798  | 4.149  | 126.7E6  | 196.7E6  | 53.515   | 52.538      |
| 8)                          | B Heptachlo...  | 5.716  | 4.744  | 112.9E6  | 168.8E6  | 49.862   | 52.612      |
| 9)                          | A Endosulfan I  | 6.102  | 5.114  | 105.9E6  | 158.5E6  | 50.296   | 52.934      |
| 10)                         | B trans-Chl...  | 5.971  | 4.994  | 108.8E6  | 166.1E6  | 49.701   | 53.242      |
| 11)                         | B cis-Chlor...  | 6.051  | 5.059  | 109.8E6  | 166.4E6  | 48.746   | 51.950      |
| 12)                         | B 4,4'-DDE      | 6.222  | 5.247  | 214.9E6  | 321.1E6  | 100.097  | 108.598     |
| 13)                         | MA Dieldrin     | 6.378  | 5.379  | 228.1E6  | 349.8E6  | 102.740  | 106.509     |
| 14)                         | MA Endrin       | 6.608  | 5.654  | 181.8E6  | 297.2E6  | 96.896   | 103.427     |
| 15)                         | B Endosulfa...  | 6.826  | 5.946  | 194.5E6  | 304.7E6  | 100.741  | 107.939     |
| 16)                         | A 4,4'-DDD      | 6.739  | 5.800  | 169.3E6  | 274.8E6  | 101.954  | 109.019     |
| 17)                         | MA 4,4'-DDT     | 7.054  | 6.051  | 181.0E6  | 275.9E6  | 104.185  | 106.825     |
| 18)                         | B Endrin al...  | 6.956  | 6.125  | 142.0E6  | 219.5E6  | 95.069   | 101.315     |
| 19)                         | B Endosulfa...  | 7.190  | 6.348  | 185.5E6  | 282.0E6  | 101.314  | 105.105     |
| 20)                         | A Methoxychlor  | 7.528  | 6.625  | 449.3E6  | 650.9E6  | 489.824  | 487.209     |
| 21)                         | B Endrin ke...  | 7.677  | 6.854  | 208.4E6  | 328.9E6  | 107.752  | 109.671     |
| 22)                         | Toxaphene-1     | 0.000  | 4.994  | 0        | 166.1E6  | N.D.     | 10147.993   |
| 23)                         | Toxaphene-2     | 0.000  | 5.379  | 0        | 349.8E6  | N.D.     | 20525.821   |
| 24)                         | Toxaphene-3     | 7.054f | 6.625  | 181.0E6  | 650.9E6  | 3422.634 | 11121.056 # |
| 25)                         | Toxaphene-4     | 7.190  | 6.699f | 185.5E6  | 5633358  | 4689.133 | 70.792 #    |
| 26)                         | Toxaphene-5     | 7.622  | 7.048  | 6468691  | 286268   | 218.108  | 8.828 #     |
| -----                       |                 |        |        |          |          |          |             |

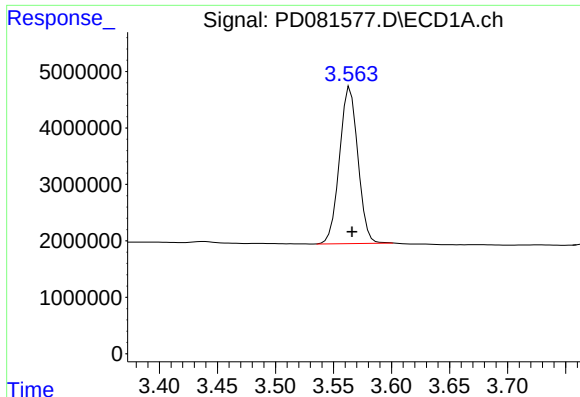
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022324\  
Data File : PD081577.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2024 11:19  
Operator : AR\AJ  
Sample : P1501-04MSD (Sig #1); P1501-04MS (Sig #2)  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 22:00:31 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 12 17:06:05 2024  
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

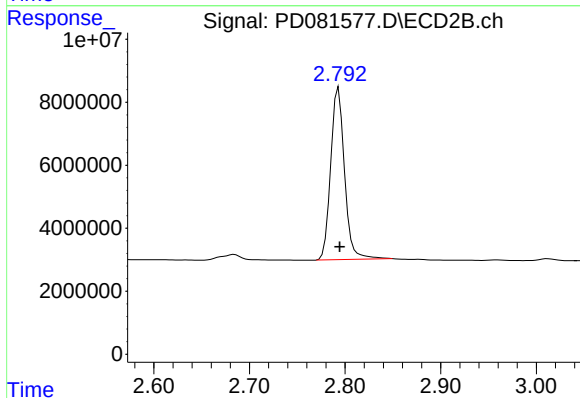




#1 Tetrachloro-m-xylene

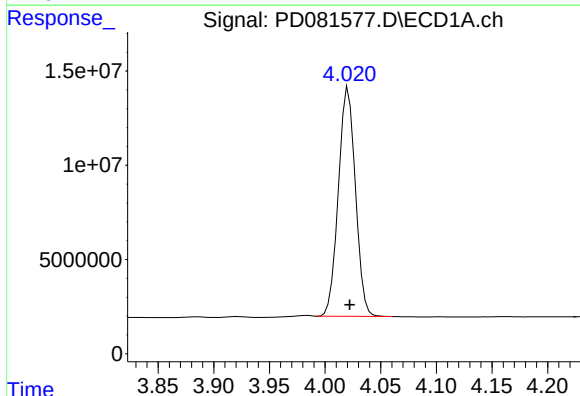
R.T.: 3.564 min  
Delta R.T.: -0.002 min  
Response: 30589819  
Conc: 22.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



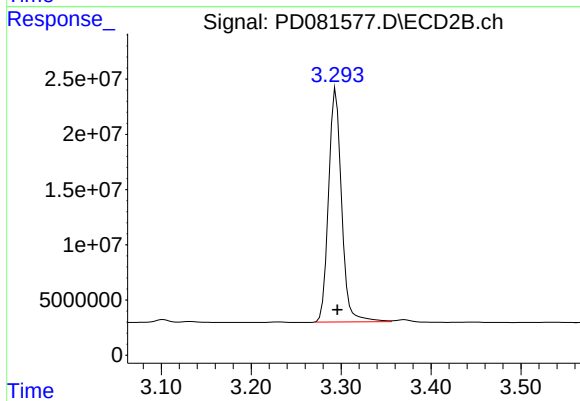
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: -0.001 min  
Response: 54880829  
Conc: 22.39 ng/ml



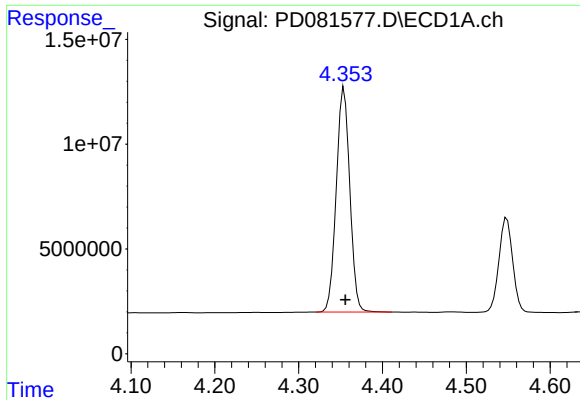
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: -0.001 min  
Response: 129509182  
Conc: 55.46 ng/ml



#2 alpha-BHC

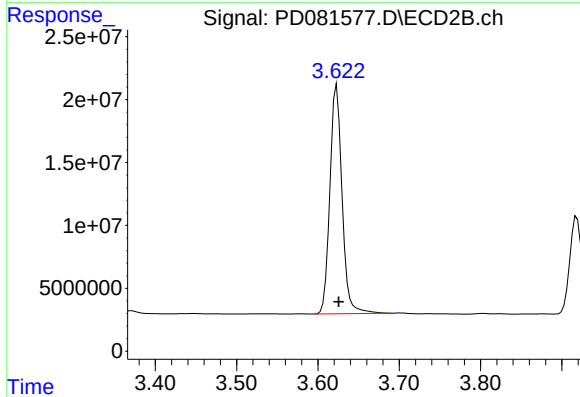
R.T.: 3.294 min  
Delta R.T.: -0.002 min  
Response: 213602001  
Conc: 55.56 ng/ml



#3 gamma-BHC (Lindane)

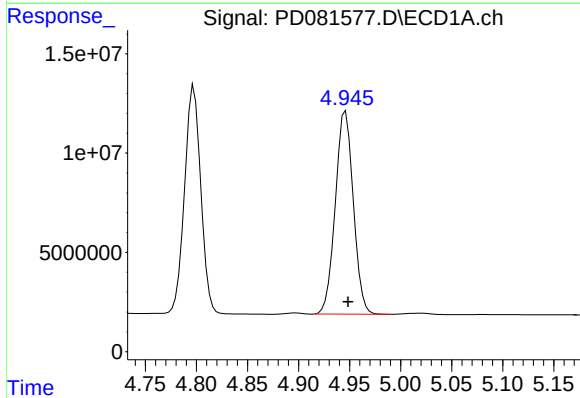
R.T.: 4.354 min  
Delta R.T.: -0.002 min  
Response: 119891435  
Conc: 51.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



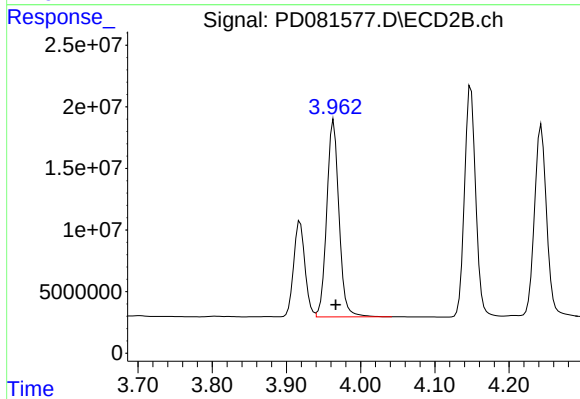
#3 gamma-BHC (Lindane)

R.T.: 3.623 min  
Delta R.T.: -0.002 min  
Response: 190663566  
Conc: 52.64 ng/ml



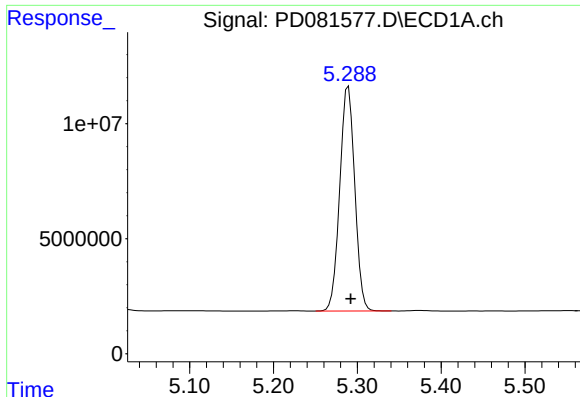
#4 Heptachlor

R.T.: 4.946 min  
Delta R.T.: -0.002 min  
Response: 125567663  
Conc: 51.20 ng/ml



#4 Heptachlor

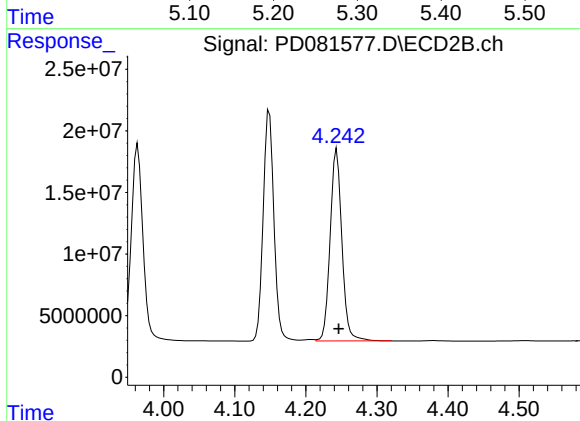
R.T.: 3.964 min  
Delta R.T.: -0.003 min  
Response: 182738496  
Conc: 51.51 ng/ml



#5 Aldrin

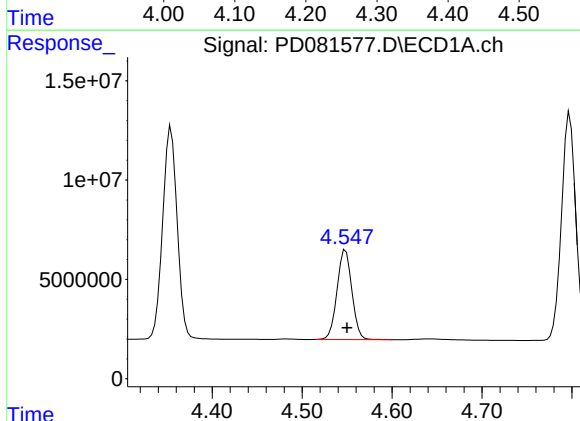
R.T.: 5.289 min  
Delta R.T.: -0.003 min  
Response: 121528309  
Conc: 51.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



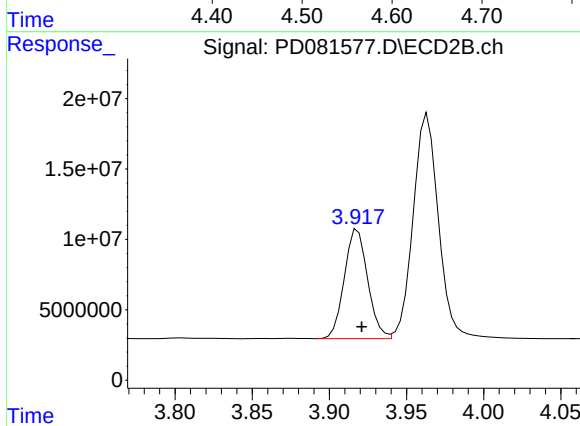
#5 Aldrin

R.T.: 4.243 min  
Delta R.T.: -0.003 min  
Response: 179225231  
Conc: 52.91 ng/ml



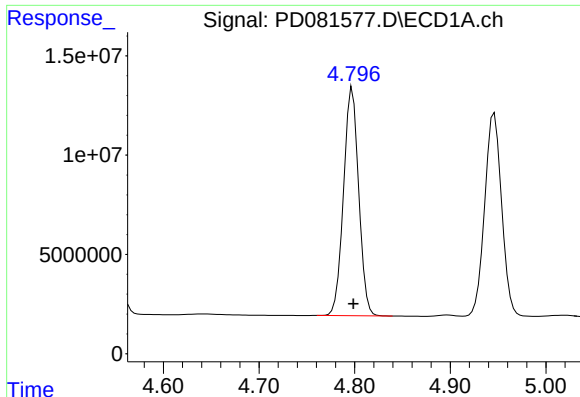
#6 beta-BHC

R.T.: 4.548 min  
Delta R.T.: -0.001 min  
Response: 51627024  
Conc: 49.68 ng/ml



#6 beta-BHC

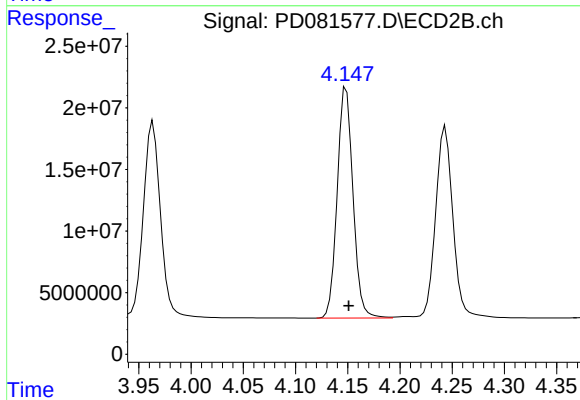
R.T.: 3.918 min  
Delta R.T.: -0.003 min  
Response: 81800144  
Conc: 48.41 ng/ml



#7 delta-BHC

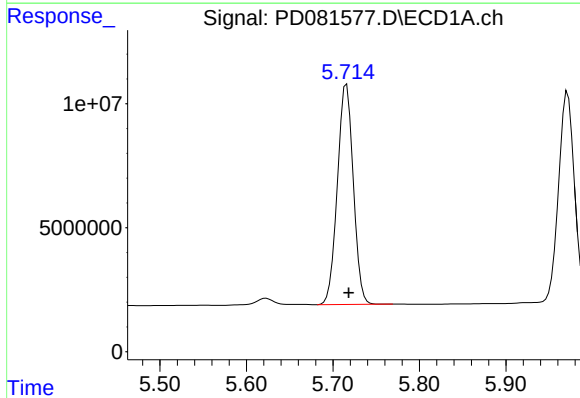
R.T.: 4.798 min  
Delta R.T.: -0.001 min  
Response: 126747113  
Conc: 53.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



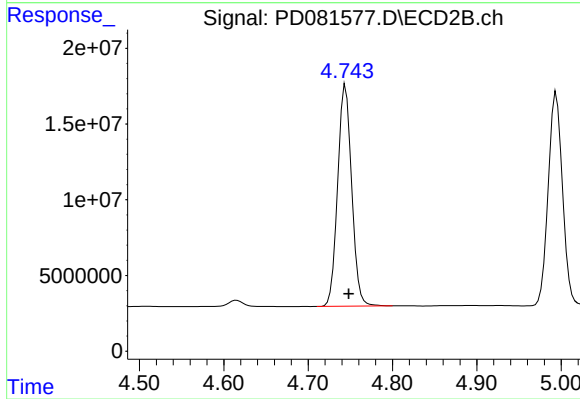
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: -0.002 min  
Response: 196735866  
Conc: 52.54 ng/ml



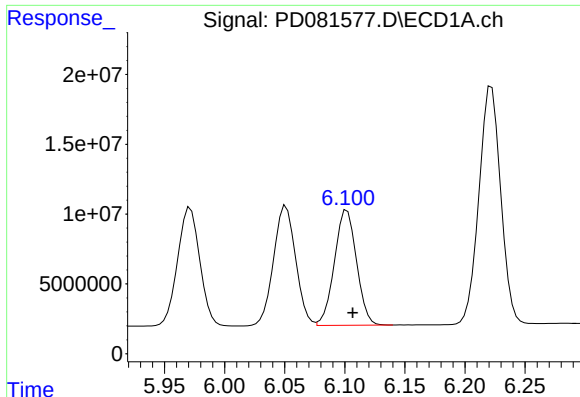
#8 Heptachlor epoxide

R.T.: 5.716 min  
Delta R.T.: -0.002 min  
Response: 112930468  
Conc: 49.86 ng/ml



#8 Heptachlor epoxide

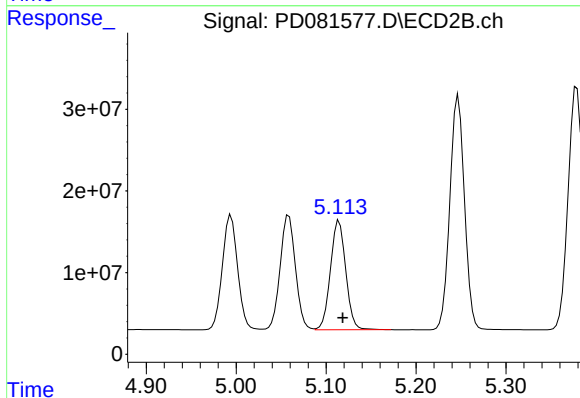
R.T.: 4.744 min  
Delta R.T.: -0.004 min  
Response: 168801520  
Conc: 52.61 ng/ml



#9 Endosulfan I

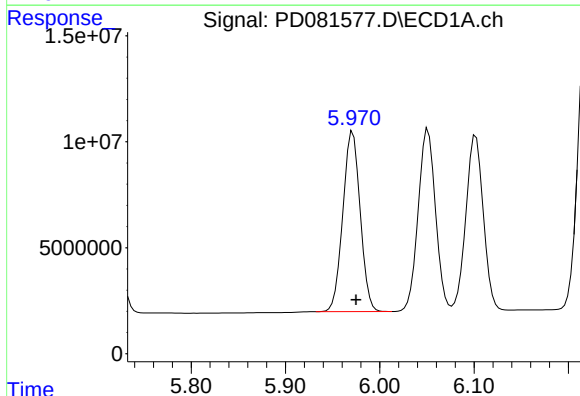
R.T.: 6.102 min  
Delta R.T.: -0.005 min  
Response: 105905484  
Conc: 50.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



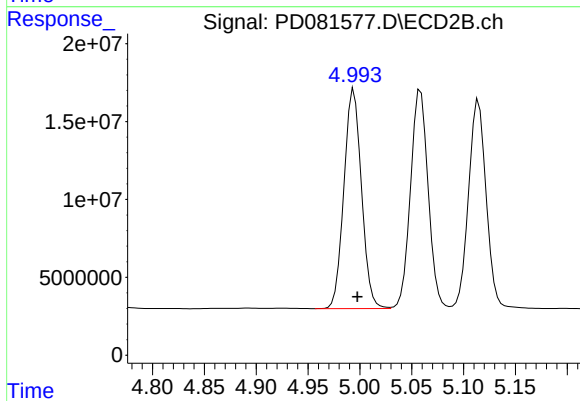
#9 Endosulfan I

R.T.: 5.114 min  
Delta R.T.: -0.004 min  
Response: 158491280  
Conc: 52.93 ng/ml



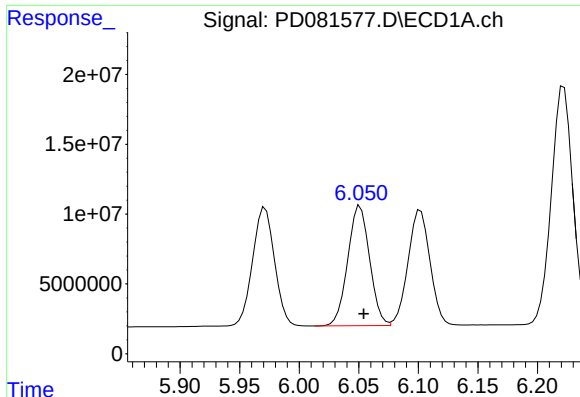
#10 trans-Chlordane

R.T.: 5.971 min  
Delta R.T.: -0.003 min  
Response: 108813712  
Conc: 49.70 ng/ml



#10 trans-Chlordane

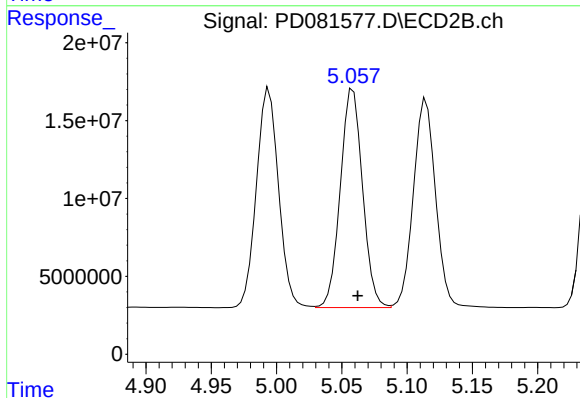
R.T.: 4.994 min  
Delta R.T.: -0.004 min  
Response: 166144840  
Conc: 53.24 ng/ml



#11 cis-Chlordane

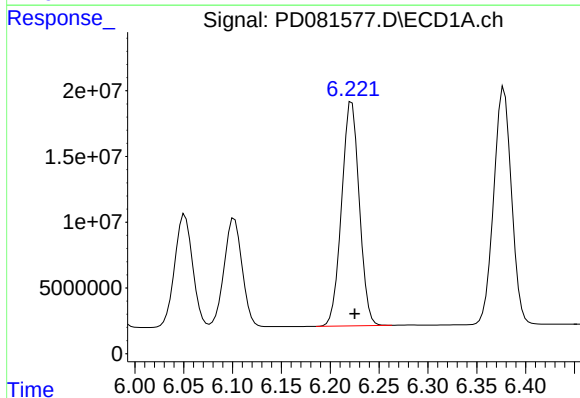
R.T.: 6.051 min  
Delta R.T.: -0.003 min  
Response: 109788558  
Conc: 48.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



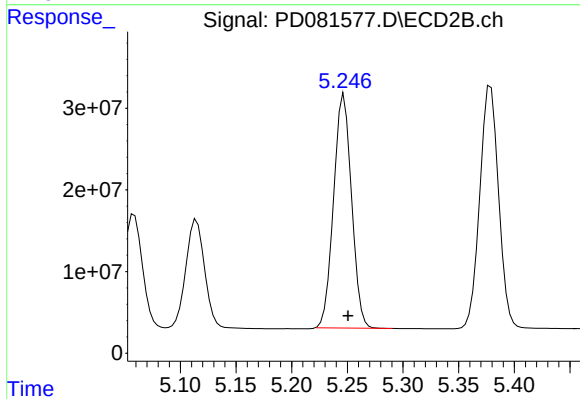
#11 cis-Chlordane

R.T.: 5.059 min  
Delta R.T.: -0.003 min  
Response: 166420421  
Conc: 51.95 ng/ml



#12 4,4'-DDE

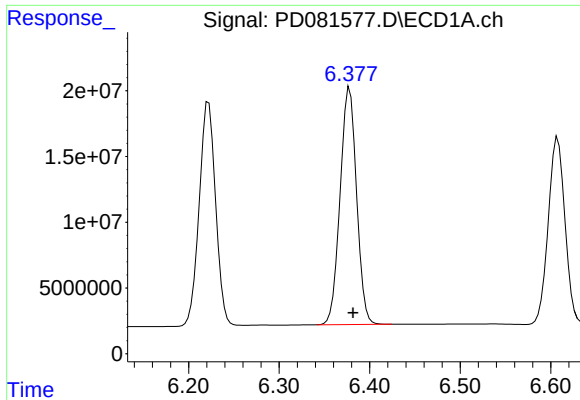
R.T.: 6.222 min  
Delta R.T.: -0.003 min  
Response: 214868144  
Conc: 100.10 ng/ml



#12 4,4'-DDE

R.T.: 5.247 min  
Delta R.T.: -0.004 min  
Response: 321130545  
Conc: 108.60 ng/ml

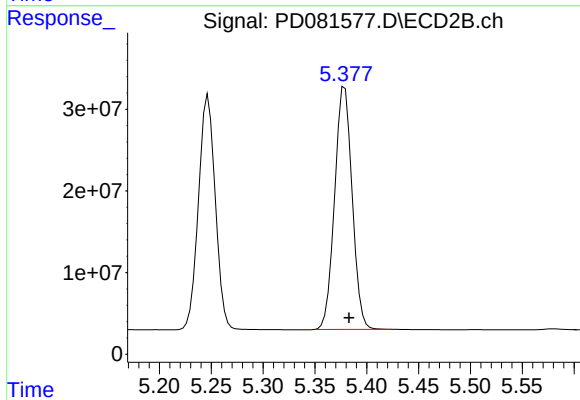




#13 Dieldrin

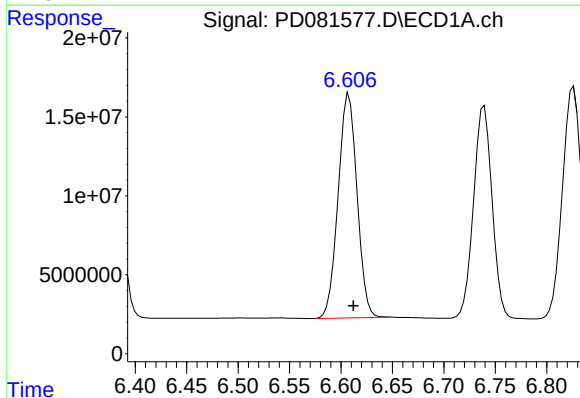
R.T.: 6.378 min  
Delta R.T.: -0.004 min  
Response: 228125423  
Conc: 102.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



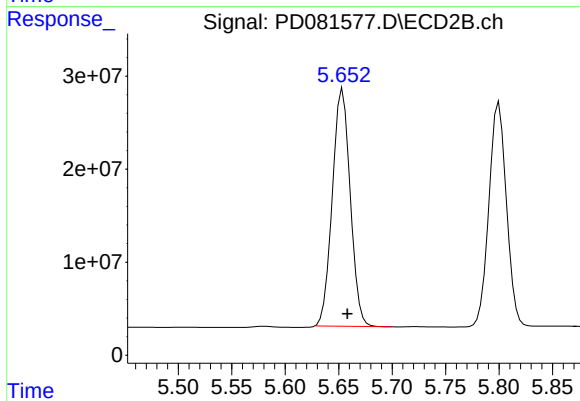
#13 Dieldrin

R.T.: 5.379 min  
Delta R.T.: -0.004 min  
Response: 349827820  
Conc: 106.51 ng/ml



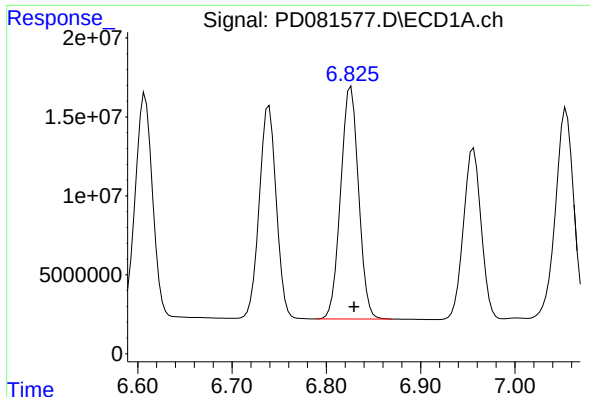
#14 Endrin

R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 181845407  
Conc: 96.90 ng/ml



#14 Endrin

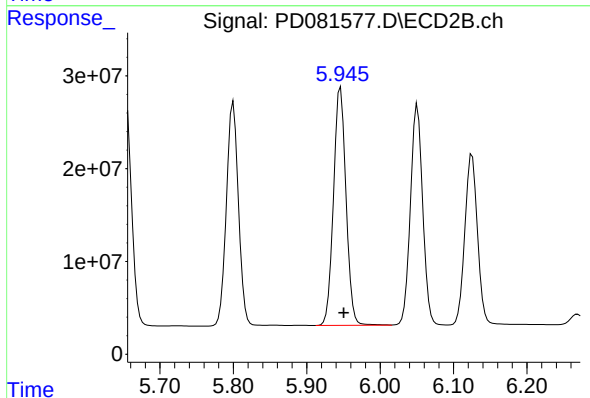
R.T.: 5.654 min  
Delta R.T.: -0.004 min  
Response: 297155547  
Conc: 103.43 ng/ml



#15 Endosulfan II

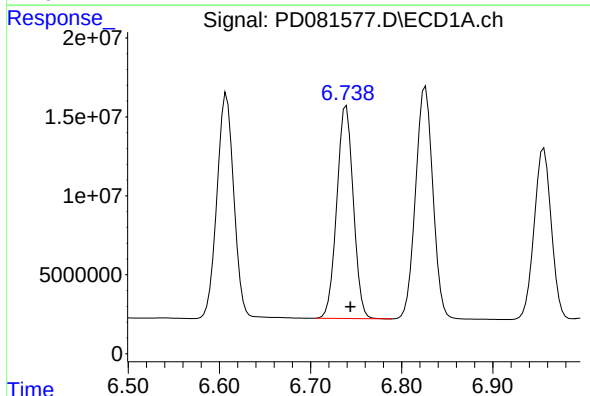
R.T.: 6.826 min  
Delta R.T.: -0.003 min  
Response: 194474070  
Conc: 100.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



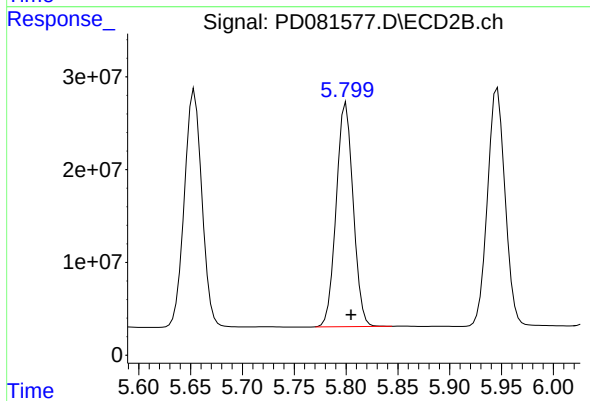
#15 Endosulfan II

R.T.: 5.946 min  
Delta R.T.: -0.005 min  
Response: 304661007  
Conc: 107.94 ng/ml



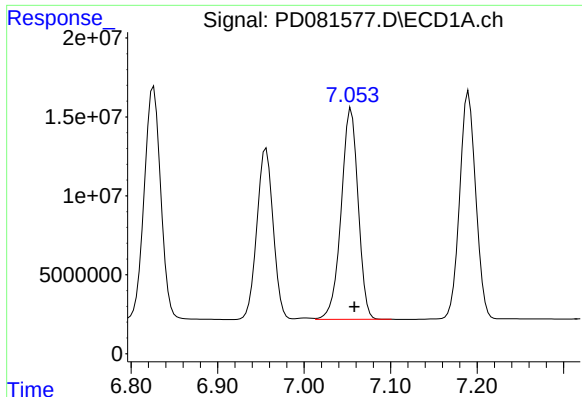
#16 4,4'-DDD

R.T.: 6.739 min  
Delta R.T.: -0.005 min  
Response: 169343188  
Conc: 101.95 ng/ml



#16 4,4'-DDD

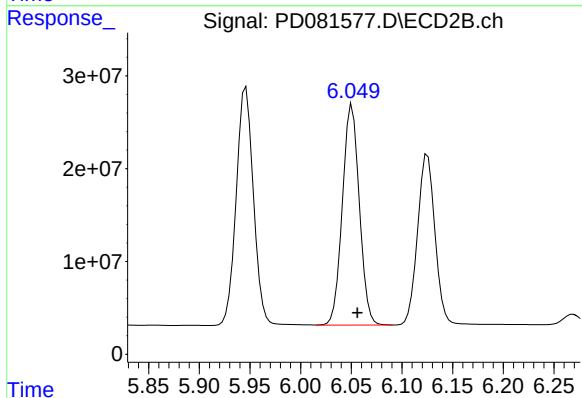
R.T.: 5.800 min  
Delta R.T.: -0.005 min  
Response: 274751099  
Conc: 109.02 ng/ml



#17 4,4'-DDT

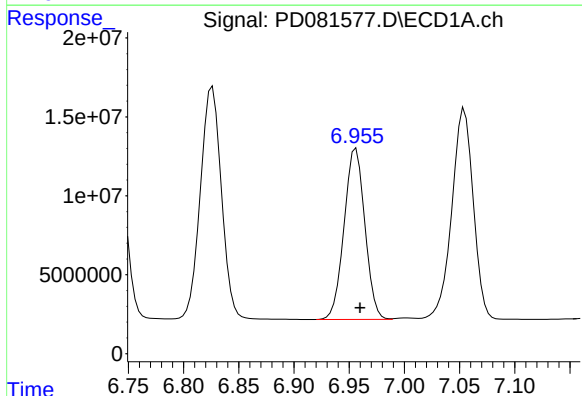
R.T.: 7.054 min  
Delta R.T.: -0.004 min  
Response: 181005188  
Conc: 104.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



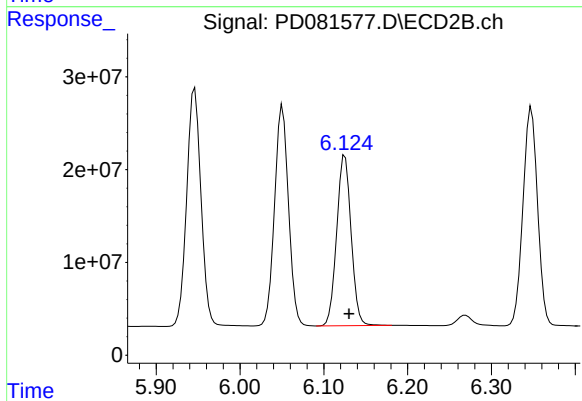
#17 4,4'-DDT

R.T.: 6.051 min  
Delta R.T.: -0.005 min  
Response: 275858929  
Conc: 106.83 ng/ml



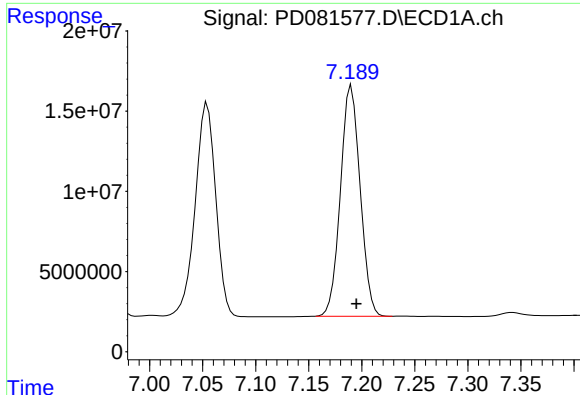
#18 Endrin aldehyde

R.T.: 6.956 min  
Delta R.T.: -0.004 min  
Response: 142014553  
Conc: 95.07 ng/ml



#18 Endrin aldehyde

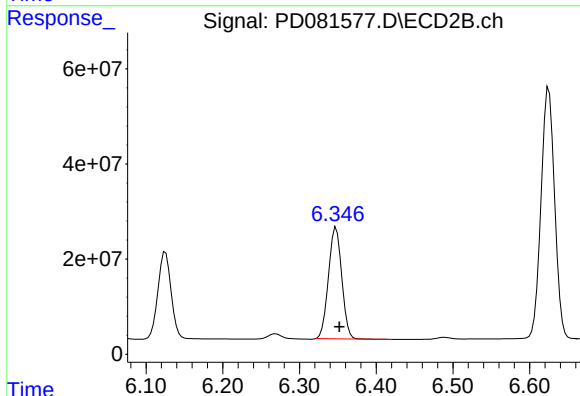
R.T.: 6.125 min  
Delta R.T.: -0.005 min  
Response: 219548330  
Conc: 101.32 ng/ml



#19 Endosulfan Sulfate

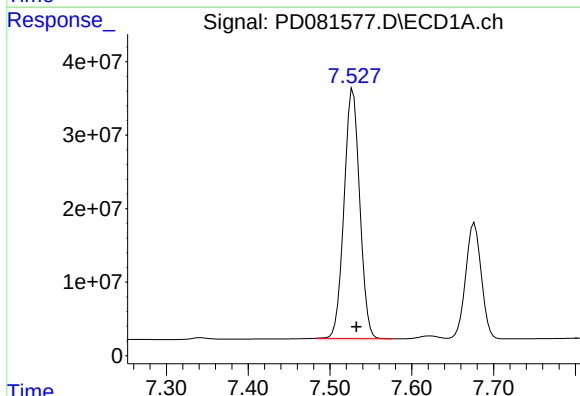
R.T.: 7.190 min  
Delta R.T.: -0.005 min  
Response: 185490635  
Conc: 101.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



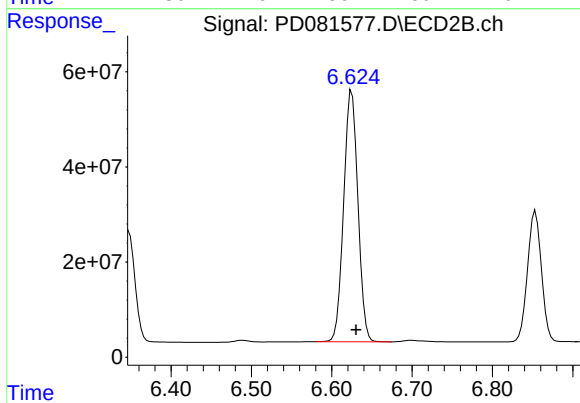
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: -0.004 min  
Response: 281964972  
Conc: 105.11 ng/ml



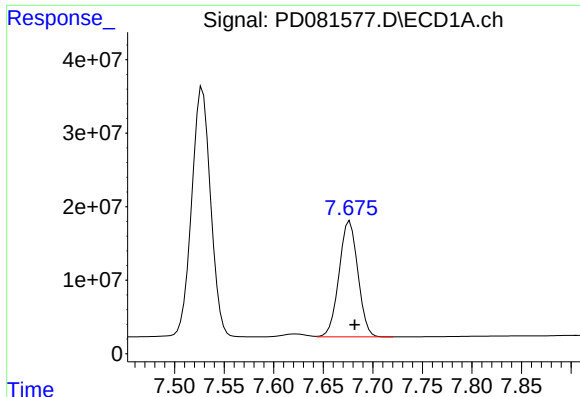
#20 Methoxychlor

R.T.: 7.528 min  
Delta R.T.: -0.004 min  
Response: 449303025  
Conc: 489.82 ng/ml



#20 Methoxychlor

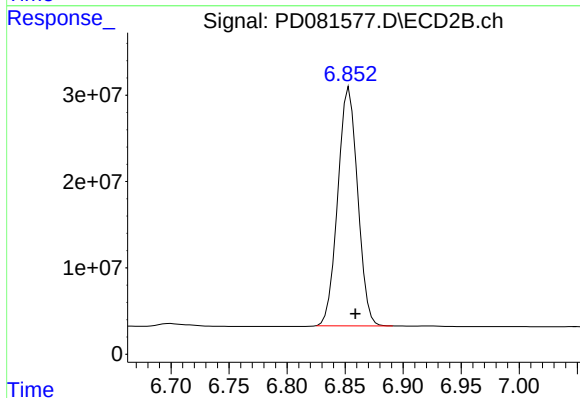
R.T.: 6.625 min  
Delta R.T.: -0.005 min  
Response: 650934702  
Conc: 487.21 ng/ml



#21 Endrin ketone

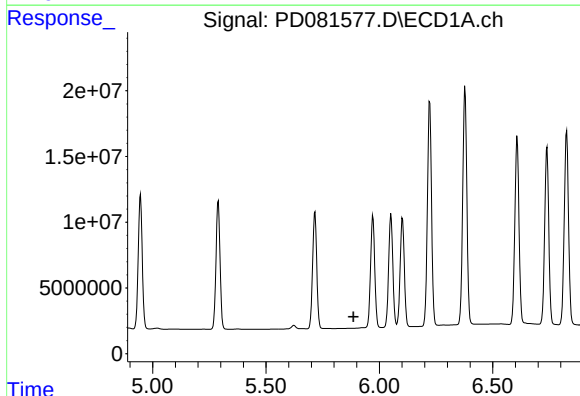
R.T.: 7.677 min  
Delta R.T.: -0.005 min  
Response: 208356944  
Conc: 107.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



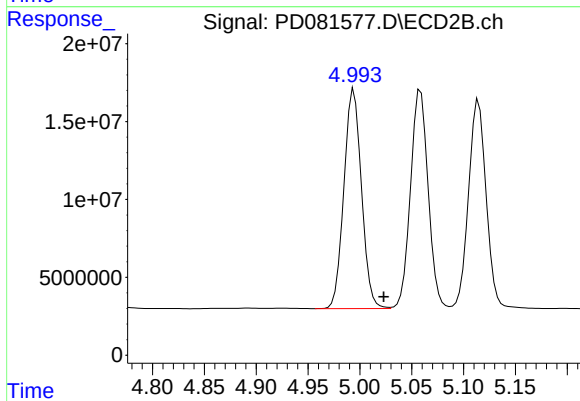
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: -0.005 min  
Response: 328852074  
Conc: 109.67 ng/ml



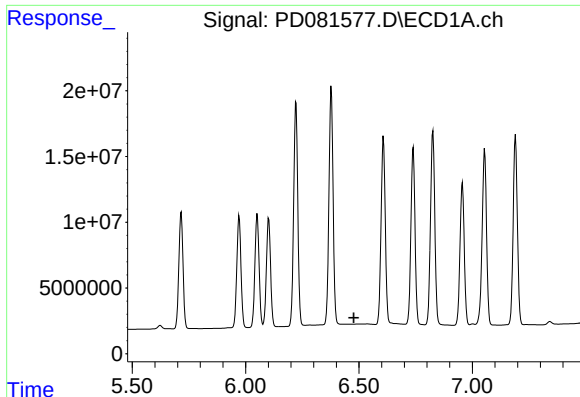
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.886 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

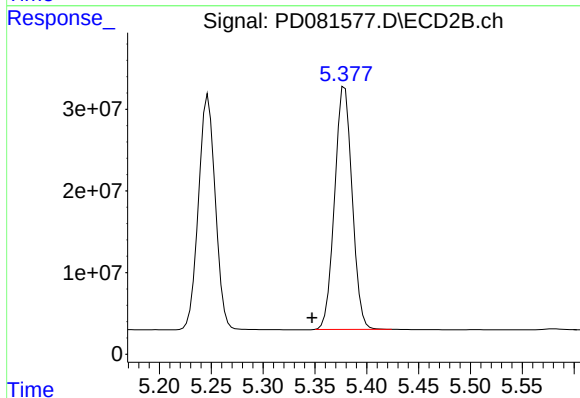
R.T.: 4.994 min  
Delta R.T.: -0.029 min  
Response: 166144840  
Conc: 10147.99 ng/ml



#23 Toxaphene-2

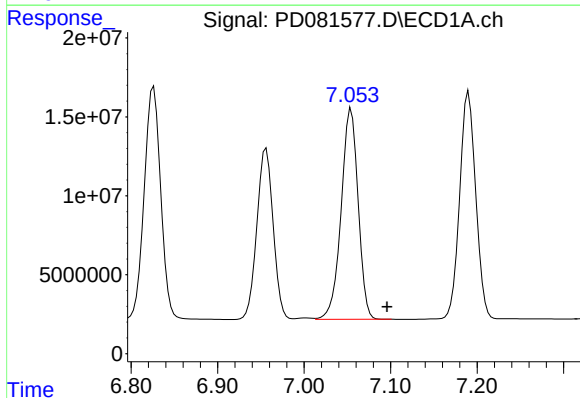
R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



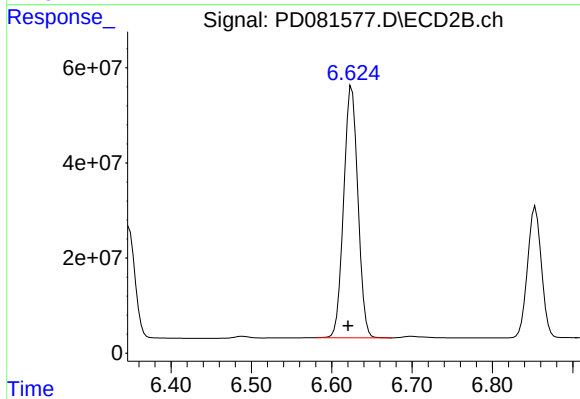
#23 Toxaphene-2

R.T.: 5.379 min  
Delta R.T.: 0.032 min  
Response: 349827820  
Conc: 20525.82 ng/ml



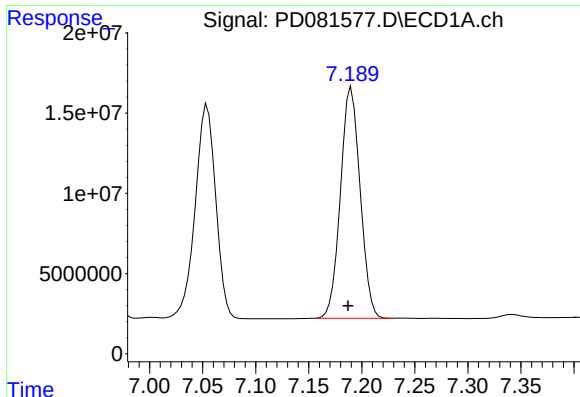
#24 Toxaphene-3

R.T.: 7.054 min  
Delta R.T.: -0.042 min  
Response: 181005188  
Conc: 3422.63 ng/ml



#24 Toxaphene-3

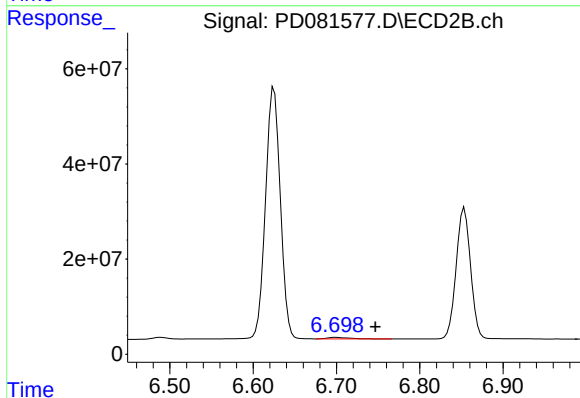
R.T.: 6.625 min  
Delta R.T.: 0.005 min  
Response: 650934702  
Conc: 11121.06 ng/ml



#25 Toxaphene-4

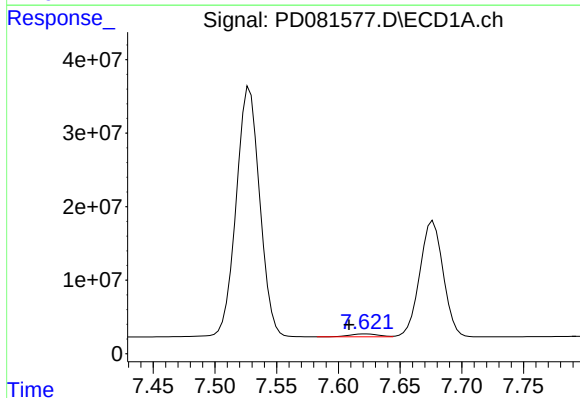
R.T.: 7.190 min  
Delta R.T.: 0.003 min  
Response: 185490635  
Conc: 4689.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



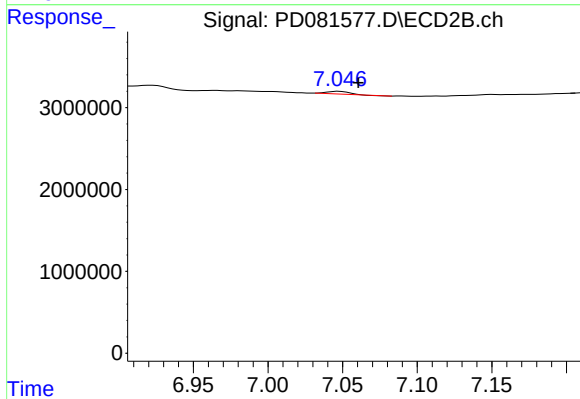
#25 Toxaphene-4

R.T.: 6.699 min  
Delta R.T.: -0.048 min  
Response: 5633358  
Conc: 70.79 ng/ml



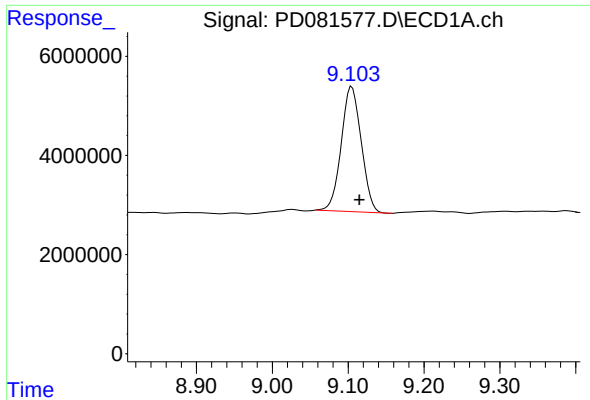
#26 Toxaphene-5

R.T.: 7.622 min  
Delta R.T.: 0.014 min  
Response: 6468691  
Conc: 218.11 ng/ml



#26 Toxaphene-5

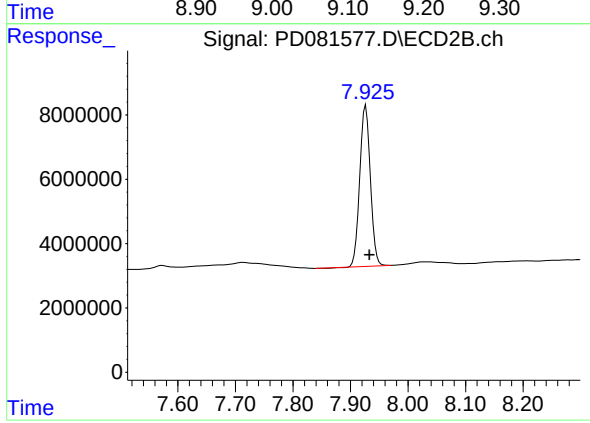
R.T.: 7.048 min  
Delta R.T.: -0.013 min  
Response: 286268  
Conc: 8.83 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.105 min  
Delta R.T.: -0.010 min  
Response: 46245535  
Conc: 23.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
E10A0MSD



#27 Decachlorobiphenyl

R.T.: 7.927 min  
Delta R.T.: -0.006 min  
Response: 64244231  
Conc: 25.90 ng/ml