

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080422\  
 Data File : PD071342.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2022 18:27  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

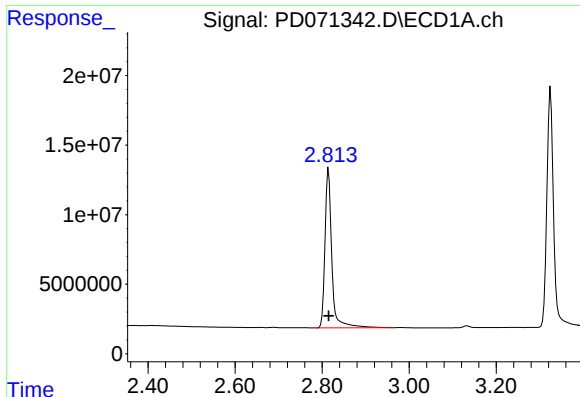
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 03:25:32 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 03:39:07 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|----------|----------|----------|------------|
| -----                       |                 |       |        |          |          |          |            |
| System Monitoring Compounds |                 |       |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 2.815 | 3.574  | 124.4E6  | 1276.5E6 | 43.880   | 45.348     |
| 2)                          | SA Decachlor... | 8.016 | 9.104  | 122.1E6  | 483.4E6  | 44.028   | 46.689     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.325 | 4.040  | 182.3E6  | 1623.7E6 | 43.464   | 43.736     |
| 3)                          | MA gamma-BHC... | 3.659 | 4.376  | 174.6E6  | 1293.5E6 | 43.649   | 43.198     |
| 4)                          | MA Heptachlor   | 4.006 | 4.954  | 178.8E6  | 967.8E6  | 42.163   | 45.773     |
| 5)                          | MB Aldrin       | 4.291 | 5.297  | 177.2E6  | 809.2E6  | 43.444   | 45.821     |
| 6)                          | B beta-BHC      | 3.957 | 4.583  | 70251996 | 516.7E6  | 41.123   | 43.620     |
| 7)                          | B delta-BHC     | 4.191 | 4.830  | 168.9E6  | 1037.2E6 | 43.022   | 52.120     |
| 8)                          | B Heptachlo...  | 4.797 | 5.728  | 158.0E6  | 710.8E6  | 43.158   | 54.387 #   |
| 9)                          | A Endosulfan I  | 5.172 | 6.117  | 149.0E6  | 638.9E6  | 43.495   | 46.470     |
| 10)                         | B gamma-Chl...  | 5.051 | 5.983  | 162.9E6  | 689.2E6  | 42.864   | 46.932     |
| 11)                         | B alpha-Chl...  | 5.115 | 6.061  | 160.4E6  | 672.6E6  | 43.165   | 46.383     |
| 12)                         | B 4,4'-DDE      | 5.306 | 6.233  | 148.6E6  | 663.8E6  | 43.427   | 46.436     |
| 13)                         | MA Dieldrin     | 5.439 | 6.393  | 158.7E6  | 682.6E6  | 43.826   | 46.450     |
| 14)                         | MA Endrin       | 5.717 | 6.626  | 131.6E6  | 529.3E6  | 41.552   | 42.316     |
| 15)                         | B Endosulfa...  | 6.012 | 6.851  | 126.5E6  | 556.6E6  | 42.078   | 44.894     |
| 16)                         | A 4,4'-DDD      | 5.865 | 6.757  | 129.1E6  | 581.5E6  | 45.290   | 48.893     |
| 17)                         | MA 4,4'-DDT     | 6.119 | 7.068  | 122.0E6  | 568.6E6  | 41.342   | 43.596     |
| 18)                         | B Endrin al...  | 6.193 | 6.982  | 99223705 | 445.3E6  | 45.006   | 45.969     |
| 19)                         | B Endosulfa...  | 6.418 | 7.215  | 126.3E6  | 549.5E6  | 43.923   | 46.072     |
| 20)                         | A Methoxychlor  | 6.700 | 7.544  | 66181528 | 305.4E6  | 40.122   | 44.302     |
| 21)                         | B Endrin ke...  | 6.928 | 7.707  | 153.9E6  | 638.7E6  | 47.246   | 47.579     |
| 22)                         | Mirex           | 7.116 | 8.169  | 110.9E6  | 414.6E6  | 45.316   | 48.202     |
| 24)                         | Chlordane-2     | 0.000 | 5.297f | 0        | 809.2E6  | N.D.     | 1350.923 # |
| 25)                         | Chlordane-3     | 5.051 | 5.983  | 162.9E6  | 689.2E6  | 476.995  | 371.756    |
| 26)                         | Chlordane-4     | 5.115 | 6.061  | 160.4E6  | 672.6E6  | 505.551  | 308.578 #  |
| 27)                         | Chlordane-5     | 6.012 | 0.000  | 126.5E6  | 0        | 1045.876 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

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

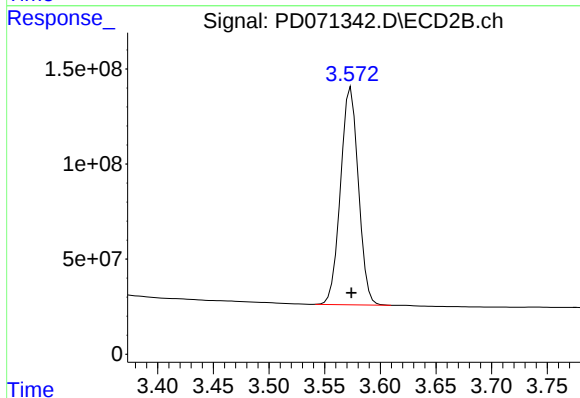




#1 Tetrachloro-m-xylene

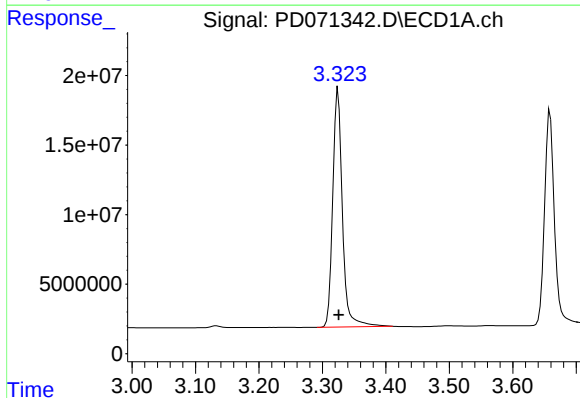
R.T.: 2.815 min  
Delta R.T.: 0.000 min  
Response: 124441478  
Conc: 43.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



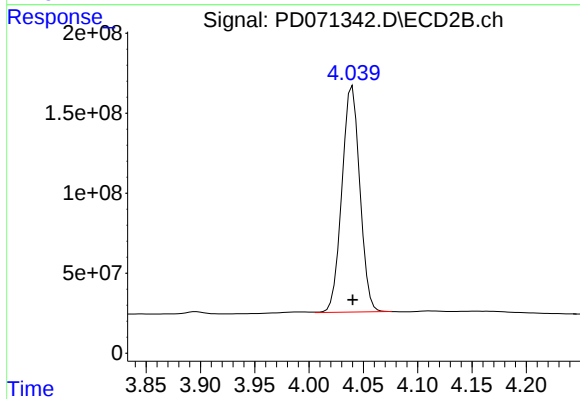
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 1276533123  
Conc: 45.35 ng/ml



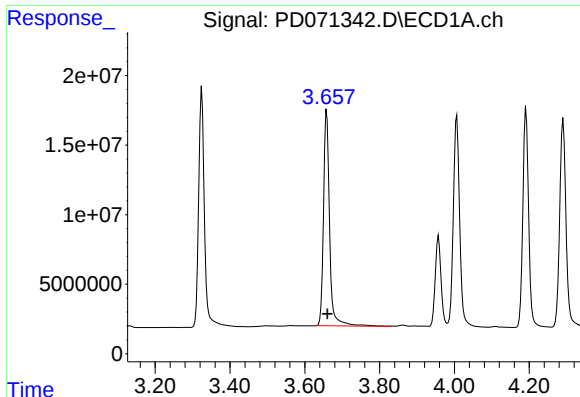
#2 alpha-BHC

R.T.: 3.325 min  
Delta R.T.: -0.001 min  
Response: 182262866  
Conc: 43.46 ng/ml



#2 alpha-BHC

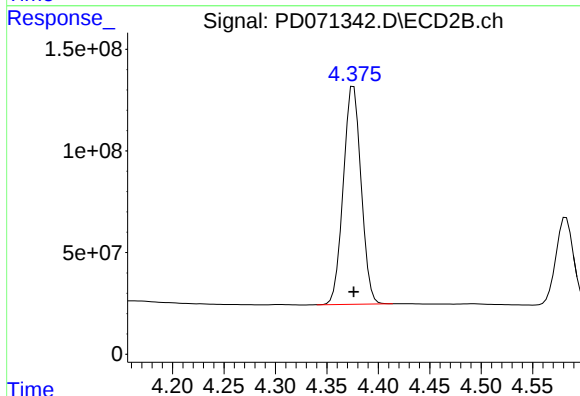
R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 1623658108  
Conc: 43.74 ng/ml



#3 gamma-BHC (Lindane)

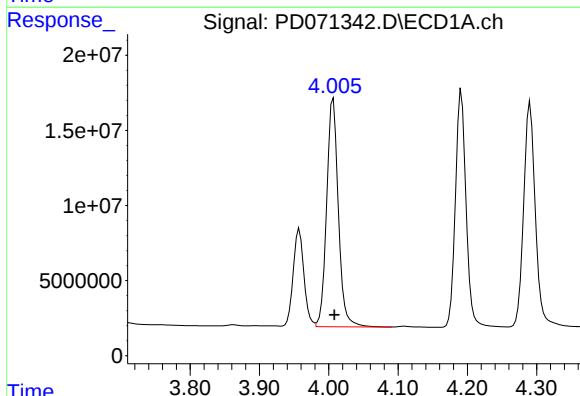
R.T.: 3.659 min  
Delta R.T.: -0.001 min  
Response: 174602725  
Conc: 43.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



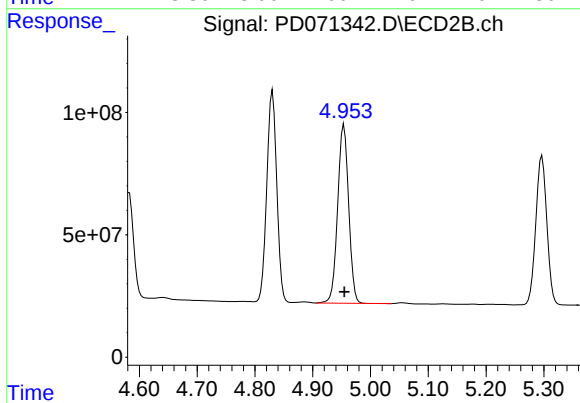
#3 gamma-BHC (Lindane)

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 1293450444  
Conc: 43.20 ng/ml



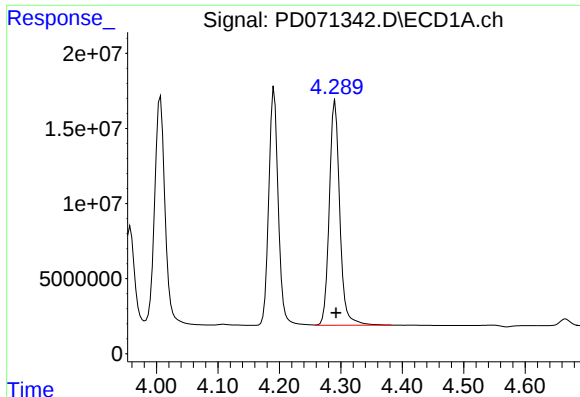
#4 Heptachlor

R.T.: 4.006 min  
Delta R.T.: -0.002 min  
Response: 178838522  
Conc: 42.16 ng/ml



#4 Heptachlor

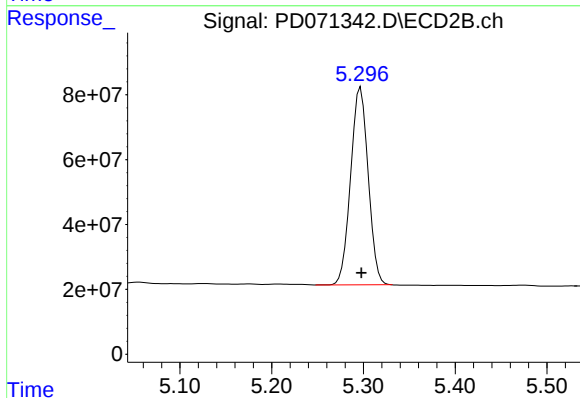
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 967817062  
Conc: 45.77 ng/ml



#5 Aldrin

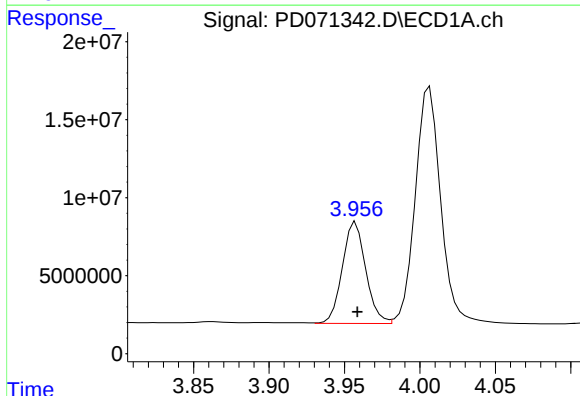
R.T.: 4.291 min  
Delta R.T.: -0.002 min  
Response: 177173702  
Conc: 43.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



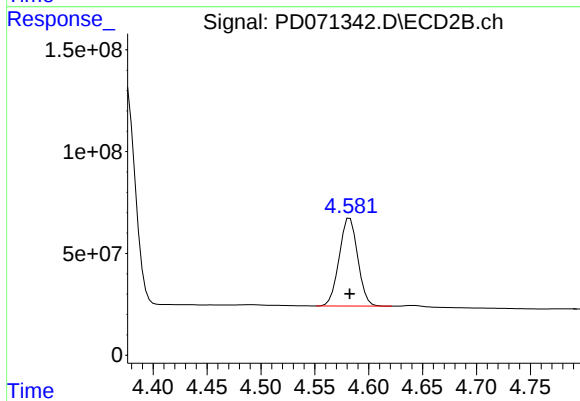
#5 Aldrin

R.T.: 5.297 min  
Delta R.T.: 0.000 min  
Response: 809212282  
Conc: 45.82 ng/ml



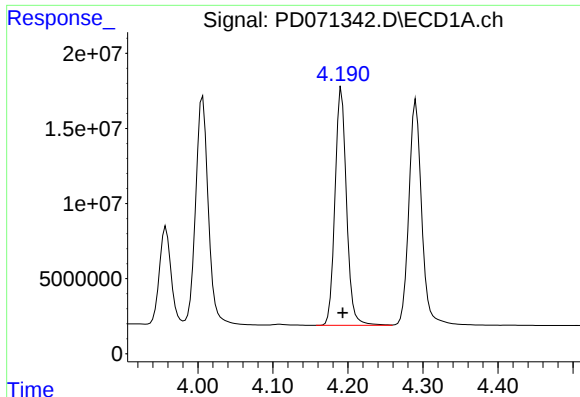
#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 70251996  
Conc: 41.12 ng/ml



#6 beta-BHC

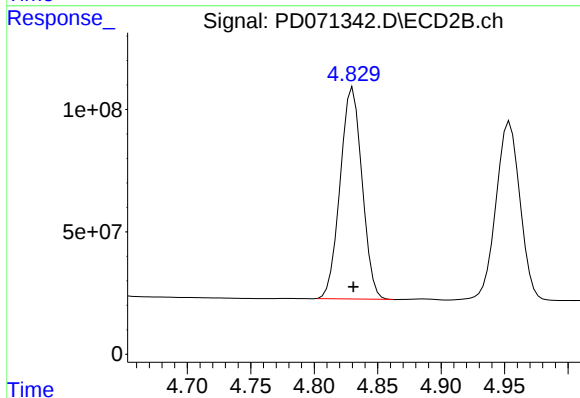
R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 516666473  
Conc: 43.62 ng/ml



#7 delta-BHC

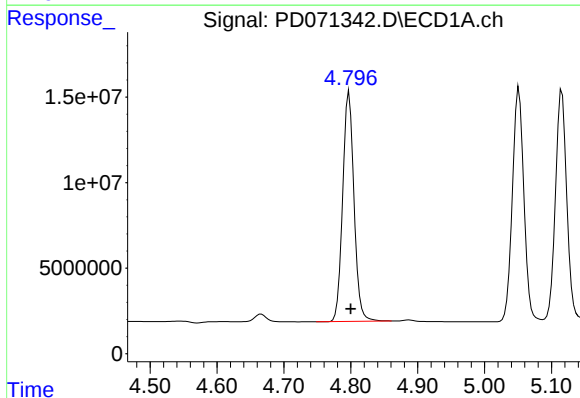
R.T.: 4.191 min  
Delta R.T.: -0.002 min  
Response: 168860576  
Conc: 43.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



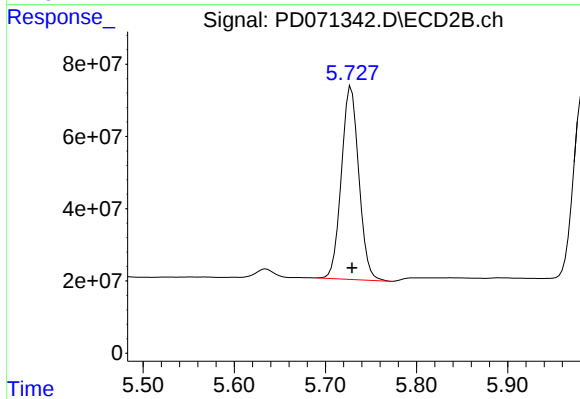
#7 delta-BHC

R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 1037224475  
Conc: 52.12 ng/ml



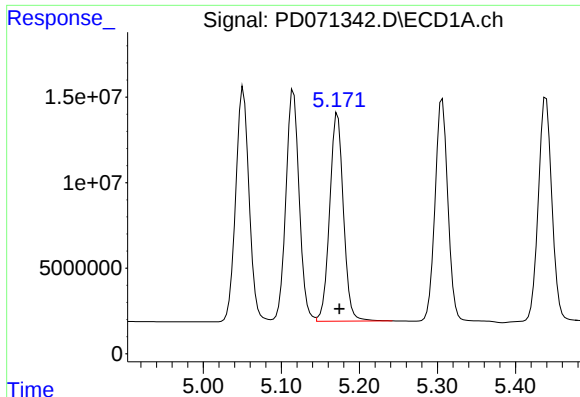
#8 Heptachlor epoxide

R.T.: 4.797 min  
Delta R.T.: -0.002 min  
Response: 158049740  
Conc: 43.16 ng/ml



#8 Heptachlor epoxide

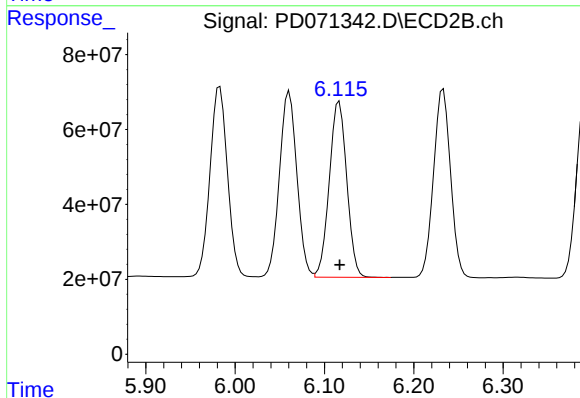
R.T.: 5.728 min  
Delta R.T.: 0.000 min  
Response: 710767777  
Conc: 54.39 ng/ml



#9 Endosulfan I

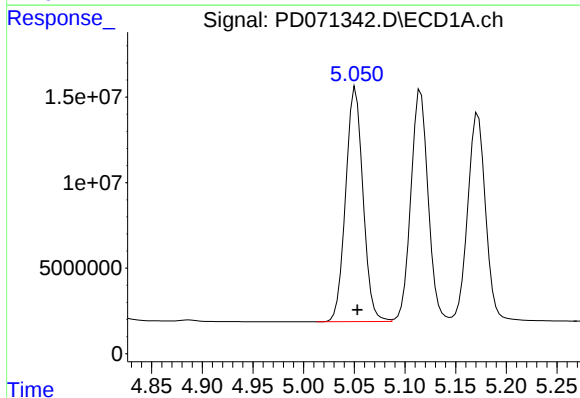
R.T.: 5.172 min  
Delta R.T.: -0.002 min  
Response: 148981584  
Conc: 43.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



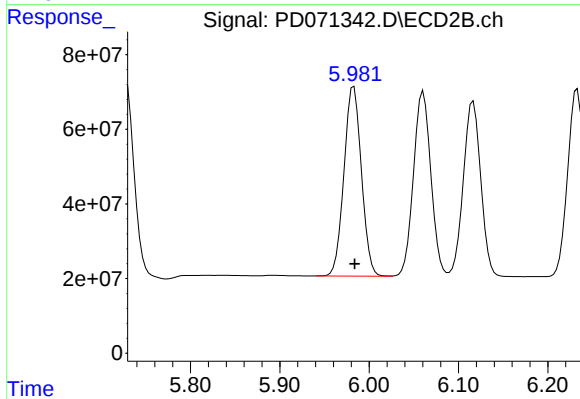
#9 Endosulfan I

R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 638922652  
Conc: 46.47 ng/ml



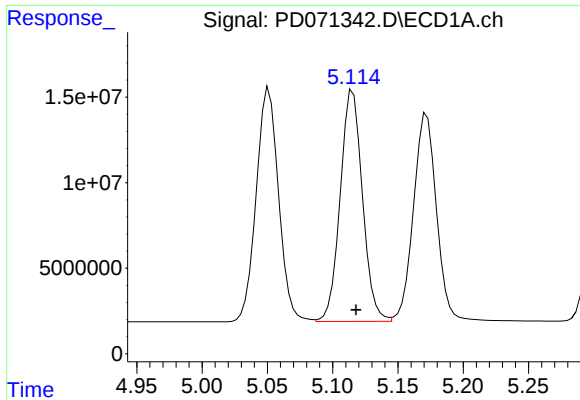
#10 gamma-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 162873158  
Conc: 42.86 ng/ml



#10 gamma-Chlordane

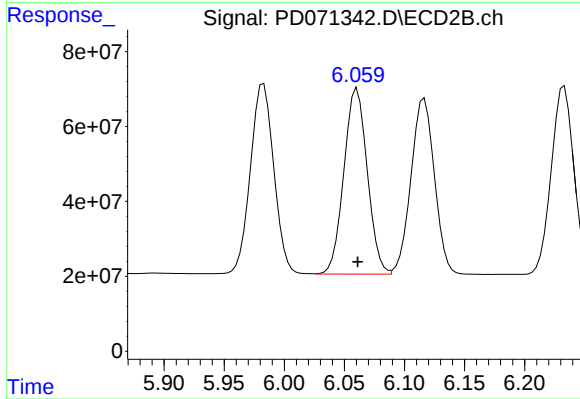
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 689207430  
Conc: 46.93 ng/ml



#11 alpha-Chlordane

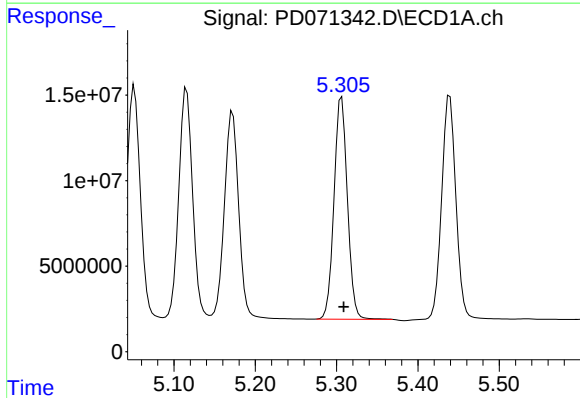
R.T.: 5.115 min  
Delta R.T.: -0.002 min  
Response: 160388386  
Conc: 43.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



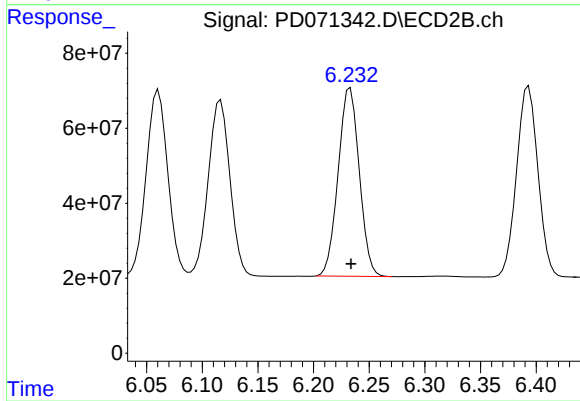
#11 alpha-Chlordane

R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 672582173  
Conc: 46.38 ng/ml



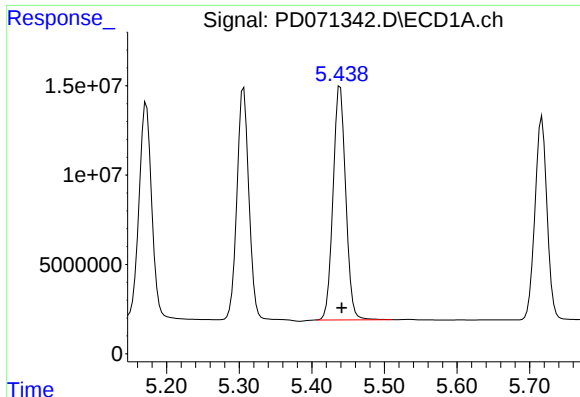
#12 4,4'-DDE

R.T.: 5.306 min  
Delta R.T.: -0.002 min  
Response: 148632051  
Conc: 43.43 ng/ml



#12 4,4'-DDE

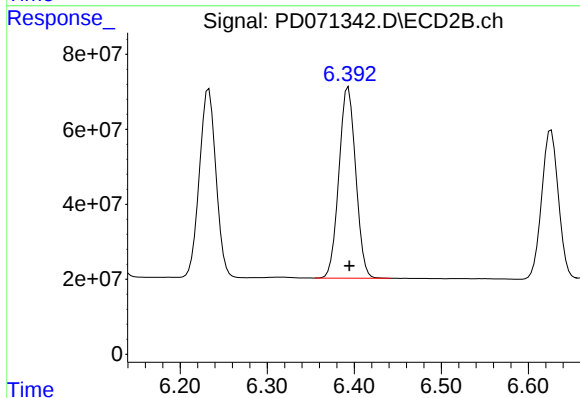
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 663796742  
Conc: 46.44 ng/ml



#13 Dieldrin

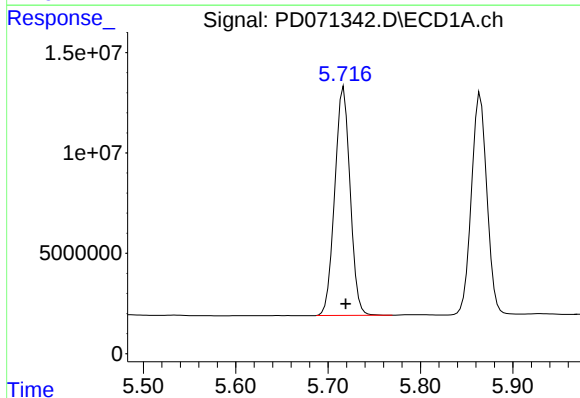
R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 158735127  
Conc: 43.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



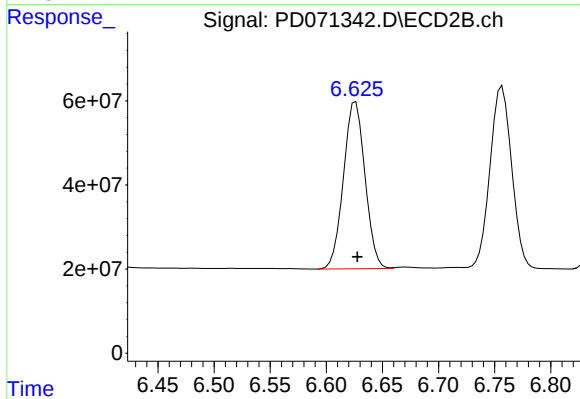
#13 Dieldrin

R.T.: 6.393 min  
Delta R.T.: -0.001 min  
Response: 682565326  
Conc: 46.45 ng/ml



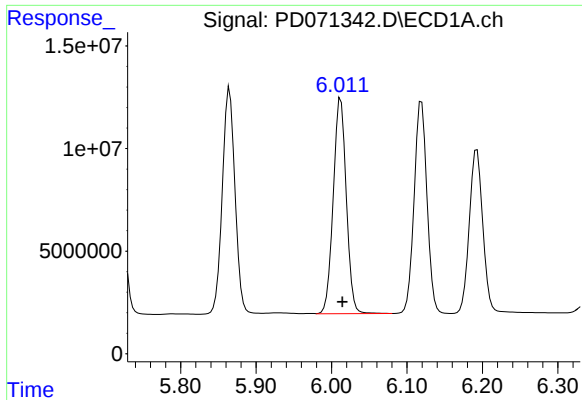
#14 Endrin

R.T.: 5.717 min  
Delta R.T.: -0.002 min  
Response: 131558839  
Conc: 41.55 ng/ml



#14 Endrin

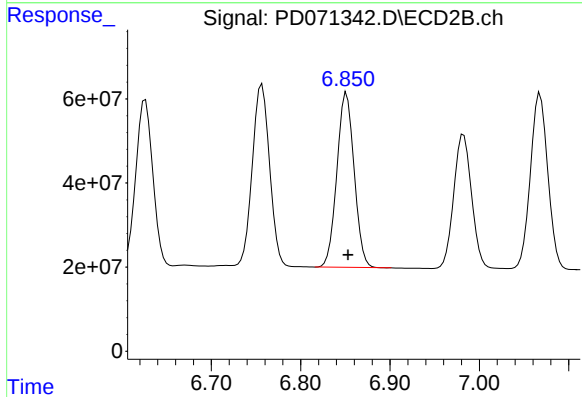
R.T.: 6.626 min  
Delta R.T.: -0.002 min  
Response: 529311427  
Conc: 42.32 ng/ml



#15 Endosulfan II

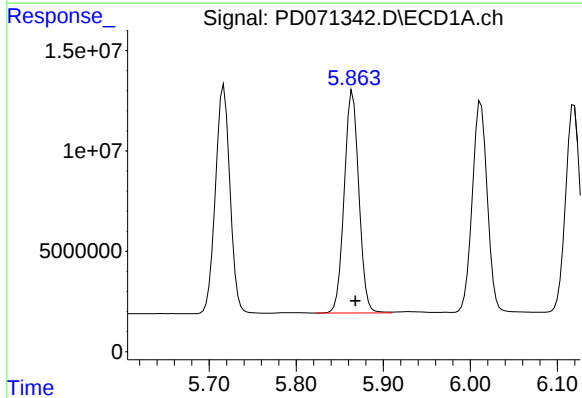
R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 126454623  
Conc: 42.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



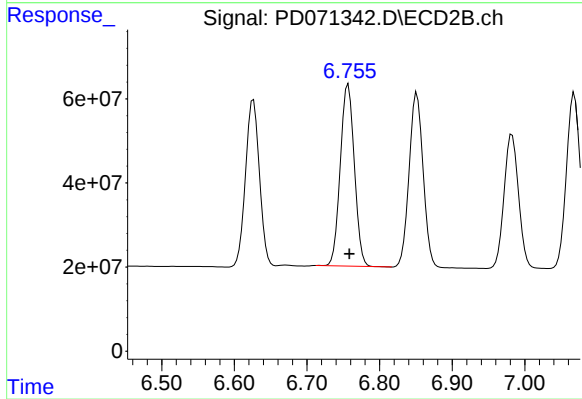
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 556645758  
Conc: 44.89 ng/ml



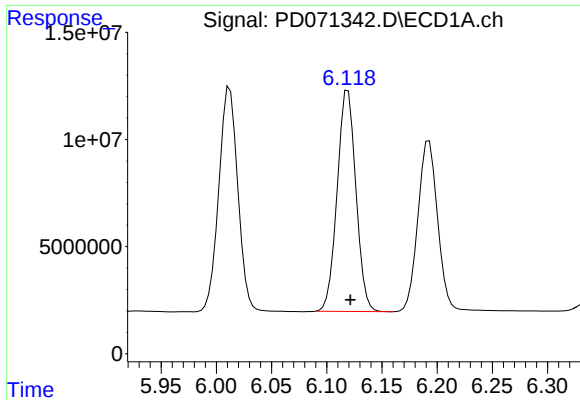
#16 4,4'-DDD

R.T.: 5.865 min  
Delta R.T.: -0.003 min  
Response: 129105933  
Conc: 45.29 ng/ml



#16 4,4'-DDD

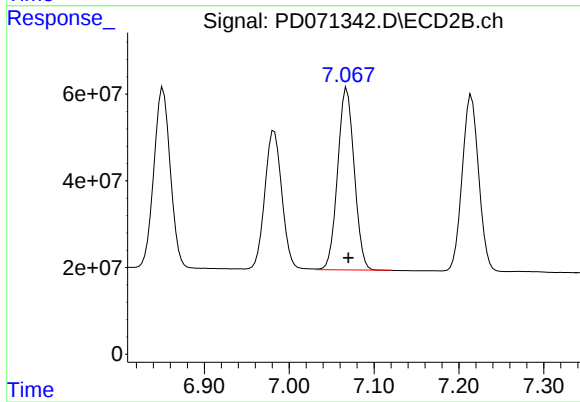
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 581527804  
Conc: 48.89 ng/ml



#17 4,4'-DDT

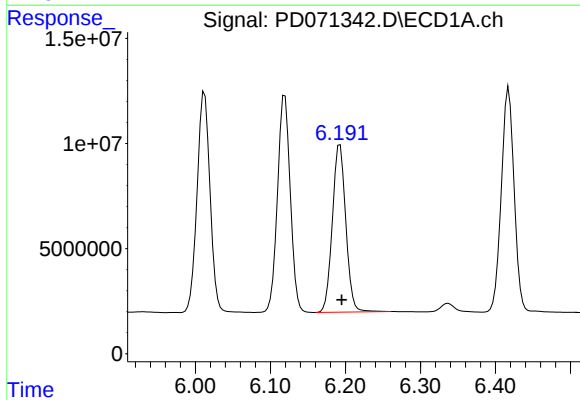
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 122030298  
Conc: 41.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



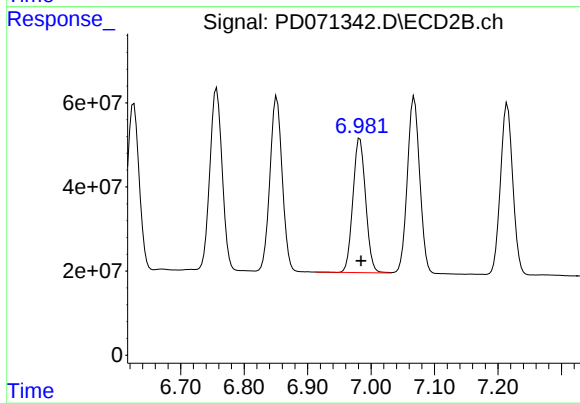
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: -0.002 min  
Response: 568628771  
Conc: 43.60 ng/ml



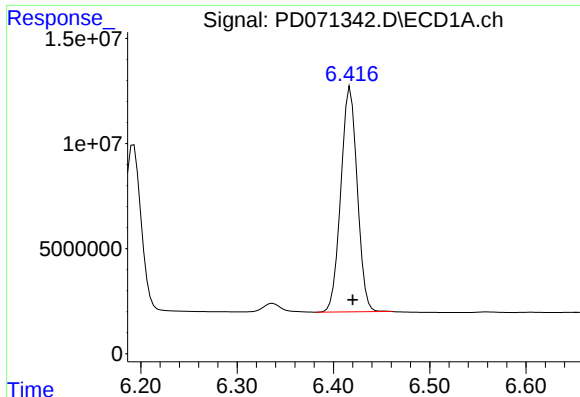
#18 Endrin aldehyde

R.T.: 6.193 min  
Delta R.T.: -0.003 min  
Response: 99223705  
Conc: 45.01 ng/ml



#18 Endrin aldehyde

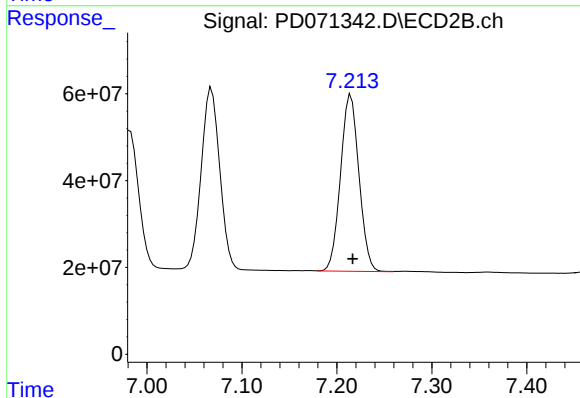
R.T.: 6.982 min  
Delta R.T.: -0.002 min  
Response: 445348207  
Conc: 45.97 ng/ml



#19 Endosulfan Sulfate

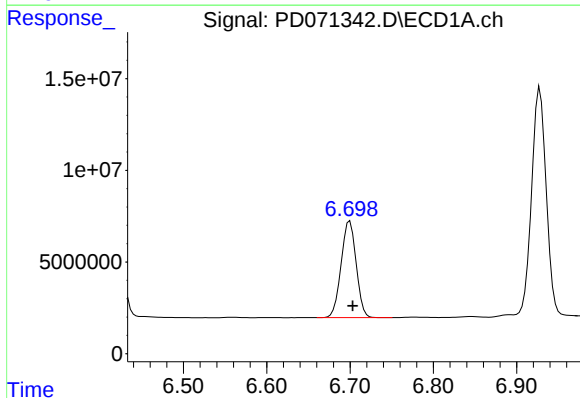
R.T.: 6.418 min  
Delta R.T.: -0.003 min  
Response: 126312245  
Conc: 43.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



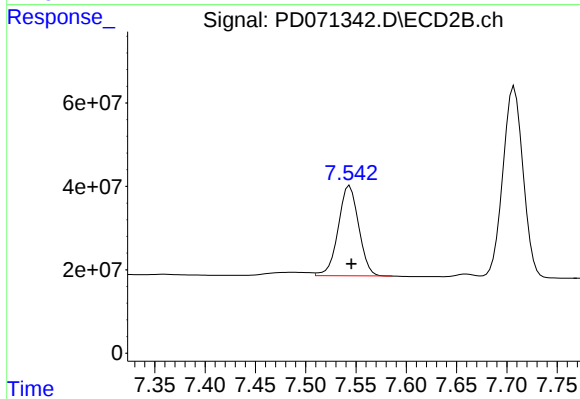
#19 Endosulfan Sulfate

R.T.: 7.215 min  
Delta R.T.: -0.002 min  
Response: 549488991  
Conc: 46.07 ng/ml



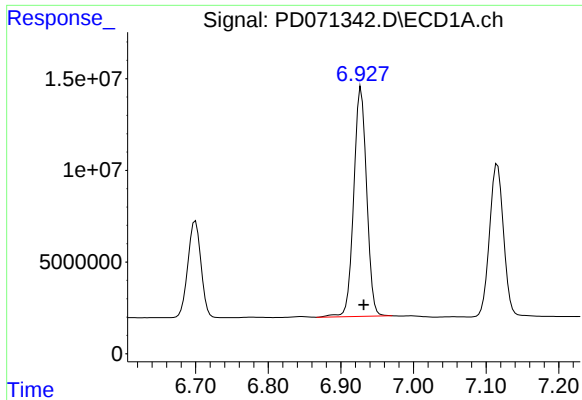
#20 Methoxychlor

R.T.: 6.700 min  
Delta R.T.: -0.003 min  
Response: 66181528  
Conc: 40.12 ng/ml



#20 Methoxychlor

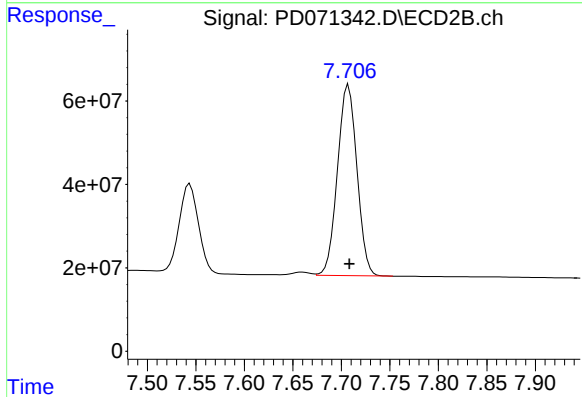
R.T.: 7.544 min  
Delta R.T.: -0.002 min  
Response: 305360670  
Conc: 44.30 ng/ml



#21 Endrin ketone

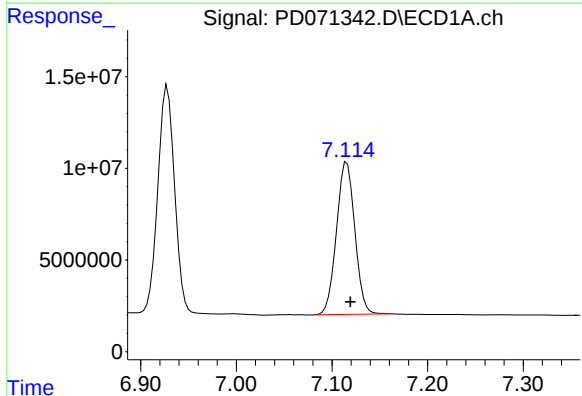
R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: 153906972  
Conc: 47.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



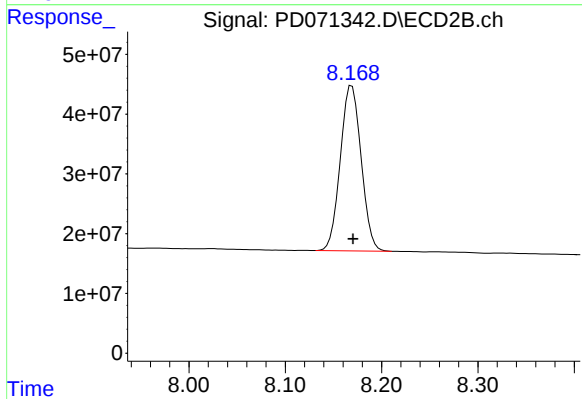
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: -0.001 min  
Response: 638726605  
Conc: 47.58 ng/ml



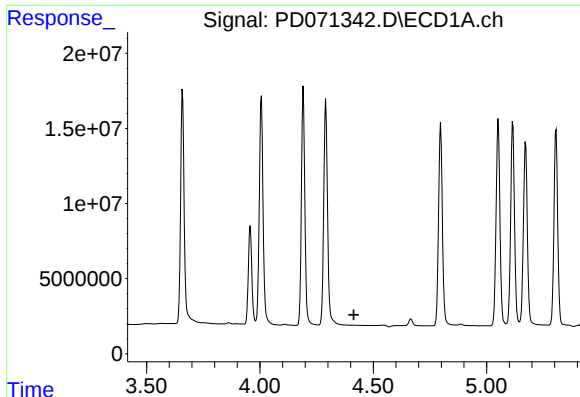
#22 Mirex

R.T.: 7.116 min  
Delta R.T.: -0.004 min  
Response: 110946957  
Conc: 45.32 ng/ml



#22 Mirex

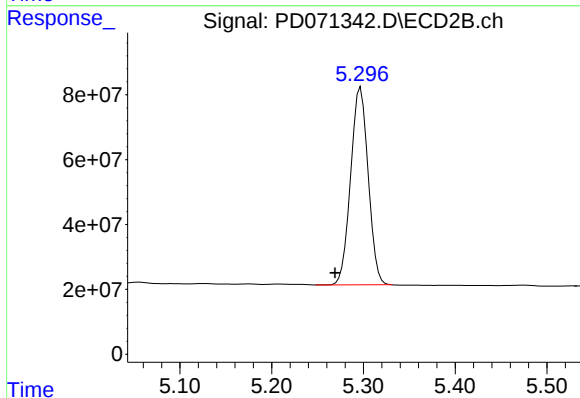
R.T.: 8.169 min  
Delta R.T.: -0.001 min  
Response: 414647153  
Conc: 48.20 ng/ml



#24 Chlordane-2

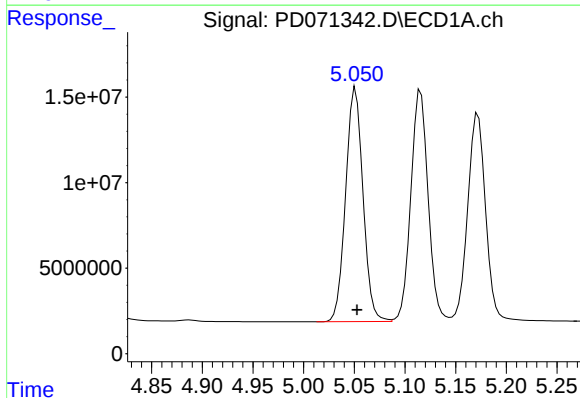
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



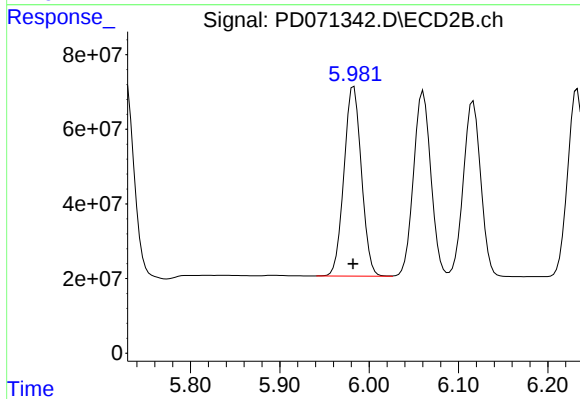
#24 Chlordane-2

R.T.: 5.297 min  
Delta R.T.: 0.028 min  
Response: 809212282  
Conc: 1350.92 ng/ml



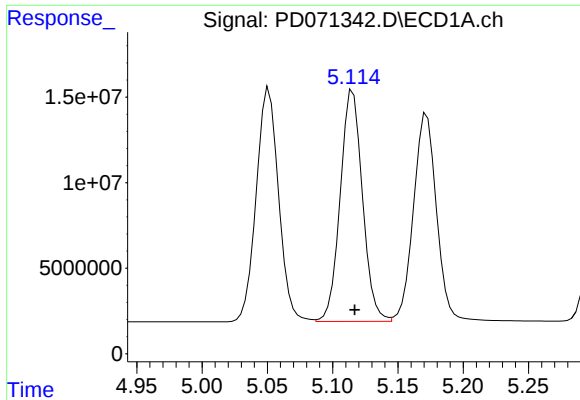
#25 Chlordane-3

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 162873158  
Conc: 476.99 ng/ml



#25 Chlordane-3

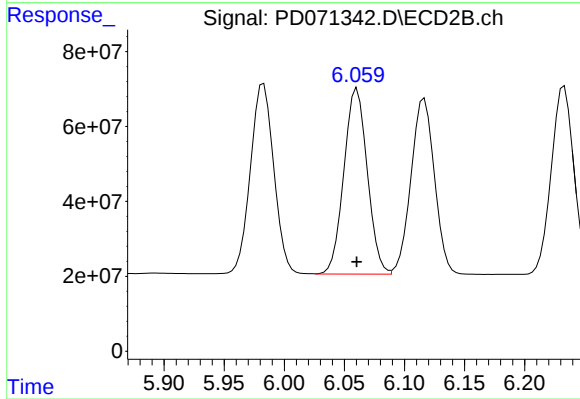
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 689207430  
Conc: 371.76 ng/ml



#26 Chlordane-4

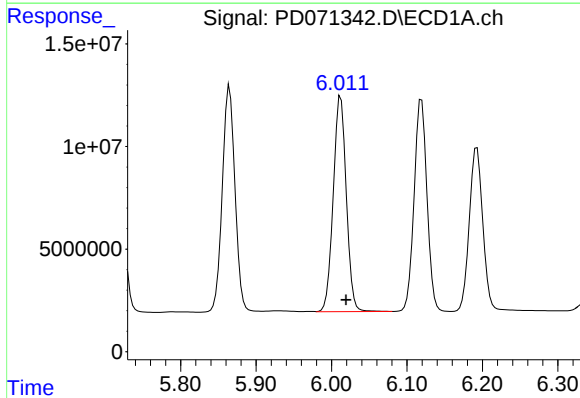
R.T.: 5.115 min  
Delta R.T.: -0.001 min  
Response: 160388386  
Conc: 505.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



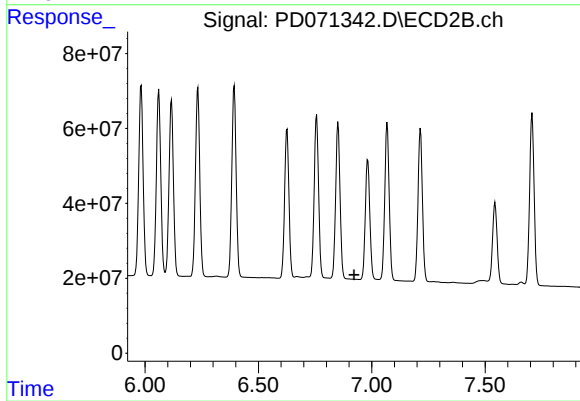
#26 Chlordane-4

R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 672582173  
Conc: 308.58 ng/ml



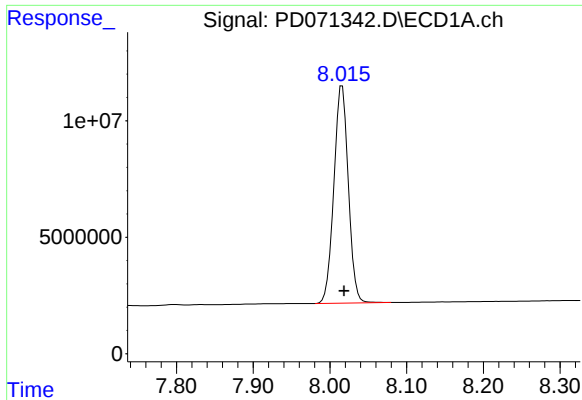
#27 Chlordane-5

R.T.: 6.012 min  
Delta R.T.: -0.007 min  
Response: 126454623  
Conc: 1045.88 ng/ml



#27 Chlordane-5

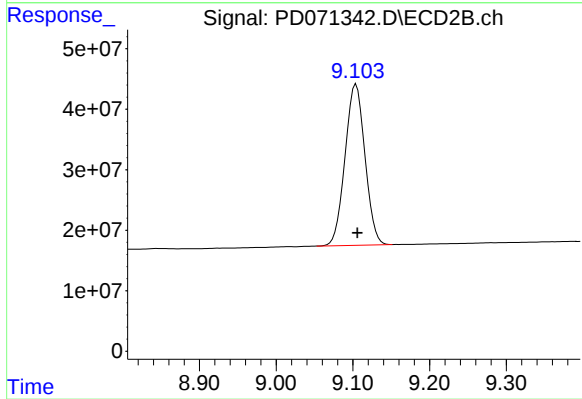
R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.016 min  
Delta R.T.: -0.002 min  
Response: 122112712  
Conc: 44.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.104 min  
Delta R.T.: -0.002 min  
Response: 483353634  
Conc: 46.69 ng/ml