

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080922\  
 Data File : PD071471.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2022 16:46  
 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 10 00:18:27 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... | 2.814 | 3.573  | 122.6E6  | 1344.2E6 | 43.214  | 47.750     |
| 28)                         | SA Decachlor... | 8.014 | 9.103  | 113.8E6  | 454.7E6  | 41.026  | 43.926     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.324 | 4.039  | 180.1E6  | 1701.7E6 | 42.945  | 45.839     |
| 3)                          | MA gamma-BHC... | 3.658 | 4.375  | 170.1E6  | 1340.4E6 | 42.535  | 44.765     |
| 4)                          | MA Heptachlor   | 4.005 | 4.954  | 178.4E6  | 988.2E6  | 42.066  | 46.740     |
| 5)                          | MB Aldrin       | 4.290 | 5.296  | 171.5E6  | 806.9E6  | 42.064  | 45.693     |
| 6)                          | B beta-BHC      | 3.957 | 4.582  | 69056175 | 534.2E6  | 40.423  | 45.103     |
| 7)                          | B delta-BHC     | 4.191 | 4.830  | 167.3E6  | 1040.1E6 | 42.626  | 52.262     |
| 8)                          | B Heptachlo...  | 4.797 | 5.728  | 152.8E6  | 698.2E6  | 41.722  | 53.424 #   |
| 9)                          | A Endosulfan I  | 5.171 | 6.115  | 142.6E6  | 631.0E6  | 41.645  | 45.892     |
| 10)                         | B gamma-Chl...  | 5.050 | 5.982  | 156.7E6  | 681.9E6  | 41.241  | 46.437     |
| 11)                         | B alpha-Chl...  | 5.114 | 6.059  | 154.1E6  | 664.0E6  | 41.484  | 45.789     |
| 12)                         | B 4,4'-DDE      | 5.305 | 6.232  | 144.4E6  | 656.5E6  | 42.180  | 45.927     |
| 13)                         | MA Dieldrin     | 5.438 | 6.393  | 152.2E6  | 669.6E6  | 42.010  | 45.568     |
| 14)                         | MA Endrin       | 5.715 | 6.625  | 136.6E6  | 556.8E6  | 43.135  | 44.511     |
| 15)                         | B Endosulfa...  | 6.011 | 6.850  | 120.7E6  | 538.0E6  | 40.178  | 43.391     |
| 16)                         | A 4,4'-DDD      | 5.864 | 6.756  | 122.7E6  | 558.7E6  | 43.057  | 46.974     |
| 17)                         | MA 4,4'-DDT     | 6.118 | 7.068  | 120.2E6  | 558.1E6  | 40.734  | 42.789     |
| 18)                         | B Endrin al...  | 6.191 | 6.981  | 93483669 | 423.1E6  | 42.402  | 43.667     |
| 19)                         | B Endosulfa...  | 6.416 | 7.214  | 119.9E6  | 517.4E6  | 41.710  | 43.385     |
| 20)                         | A Methoxychlor  | 6.698 | 7.543  | 66468017 | 303.6E6  | 40.295  | 44.041     |
| 21)                         | B Endrin ke...  | 6.927 | 7.707  | 140.0E6  | 573.5E6  | 42.976  | 42.719     |
| 22)                         | Mirex           | 7.114 | 8.168  | 102.5E6  | 369.2E6  | 41.857  | 42.923     |
| 24)                         | Chlordane-2     | 0.000 | 5.296f | 0        | 806.9E6  | N.D.    | 1347.142 # |
| 25)                         | Chlordane-3     | 5.050 | 5.982  | 156.7E6  | 681.9E6  | 458.932 | 367.837    |
| 26)                         | Chlordane-4     | 5.114 | 6.059  | 154.1E6  | 664.0E6  | 485.860 | 304.629 #  |
| 27)                         | Chlordane-5     | 6.011 | 0.000  | 120.7E6  | 0        | 998.634 | N.D. #     |
| -----                       |                 |       |        |          |          |         |            |

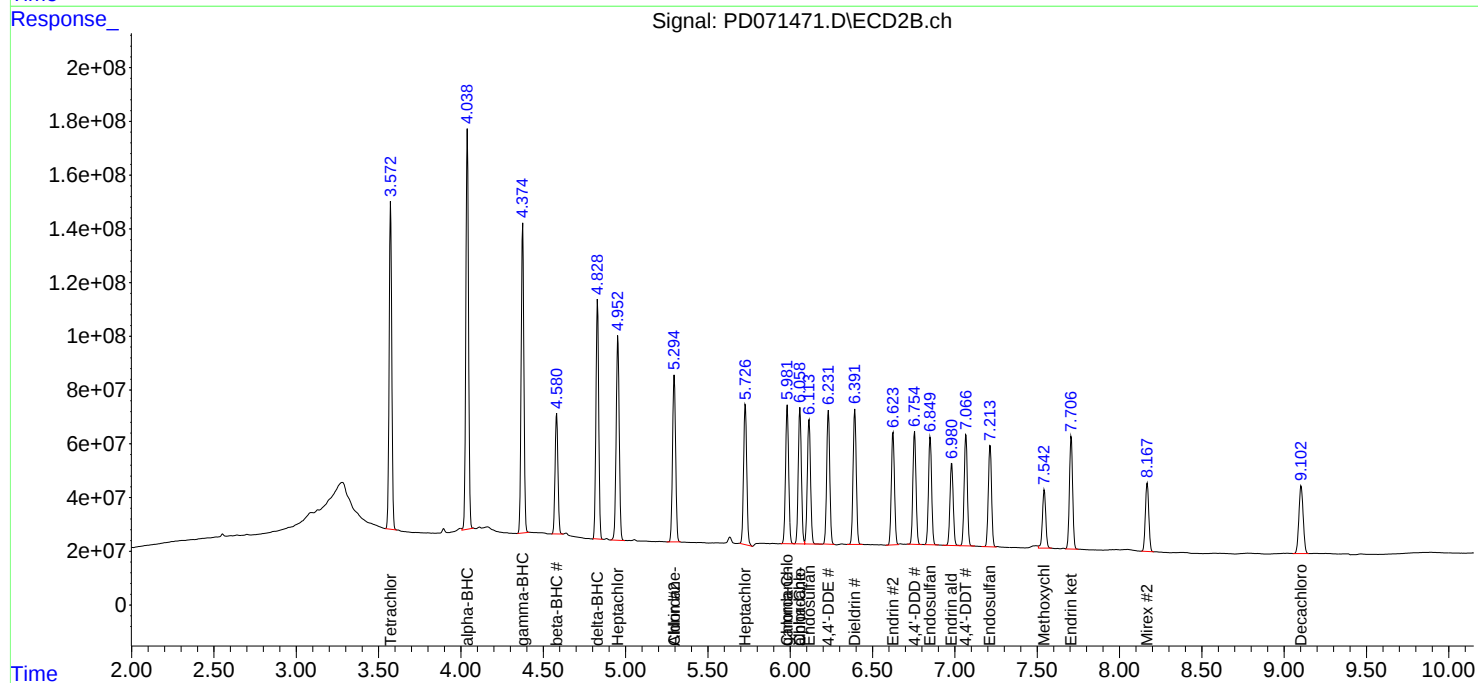
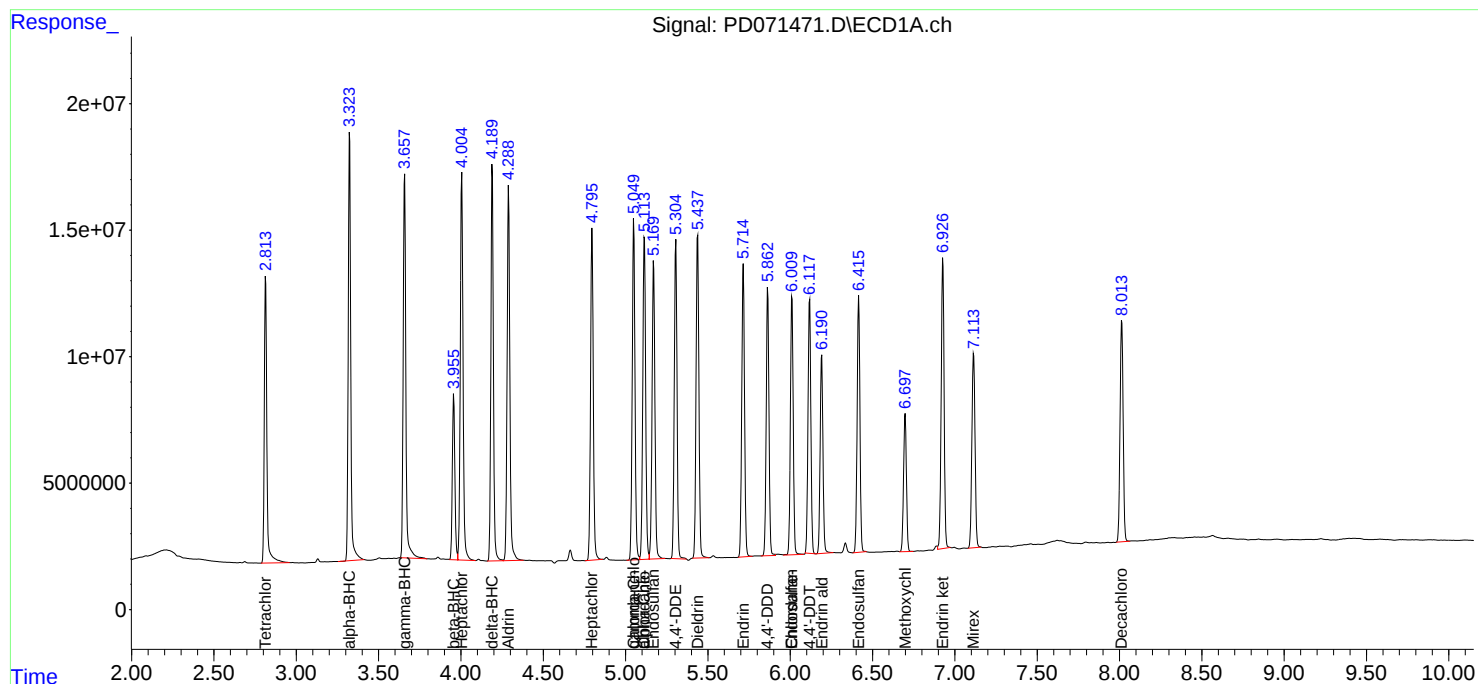
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

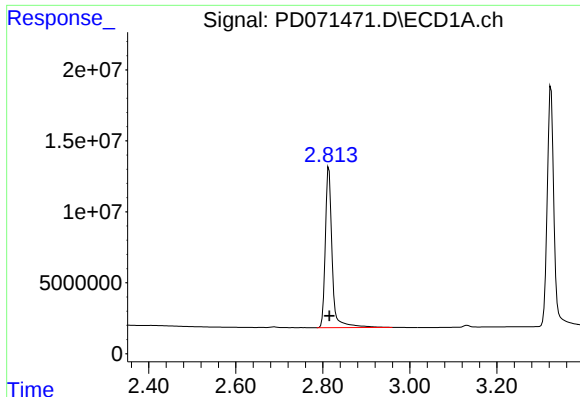
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080922\  
Data File : PD071471.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2022 16:46  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 00:18:27 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

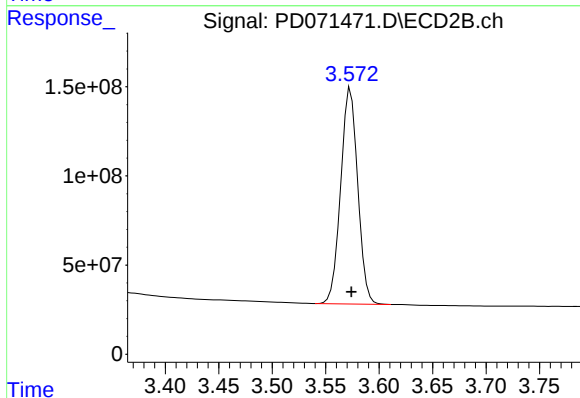




#1 Tetrachloro-m-xylene

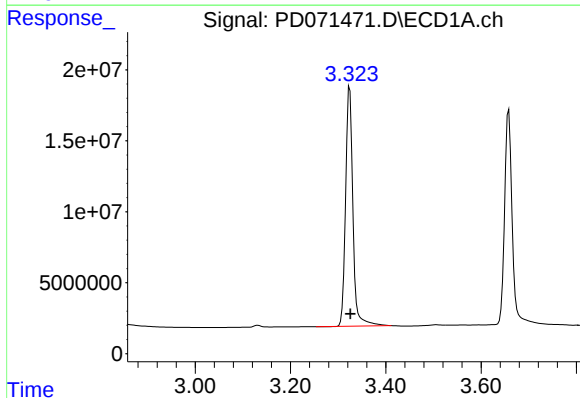
R.T.: 2.814 min  
Delta R.T.: 0.000 min  
Response: 122553133  
Conc: 43.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



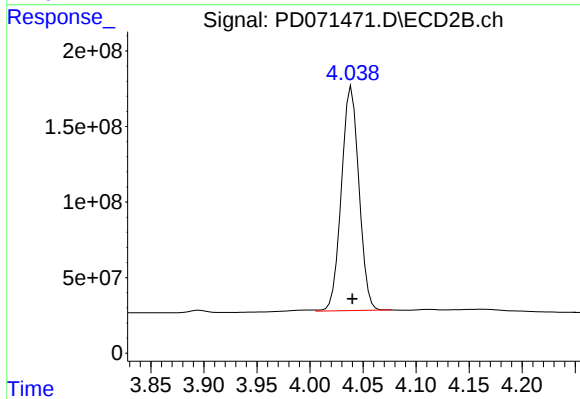
#1 Tetrachloro-m-xylene

R.T.: 3.573 min  
Delta R.T.: 0.000 min  
Response: 1344165091  
Conc: 47.75 ng/ml



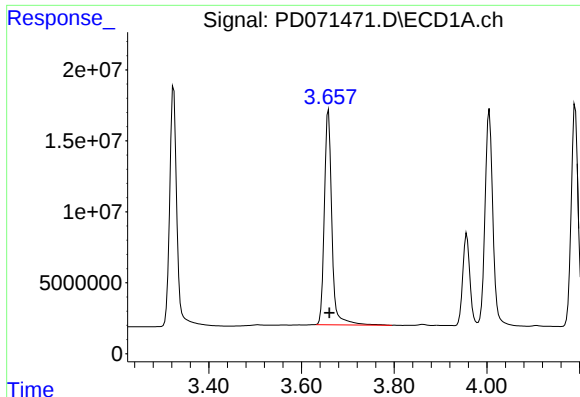
#2 alpha-BHC

R.T.: 3.324 min  
Delta R.T.: -0.002 min  
Response: 180086963  
Conc: 42.94 ng/ml



#2 alpha-BHC

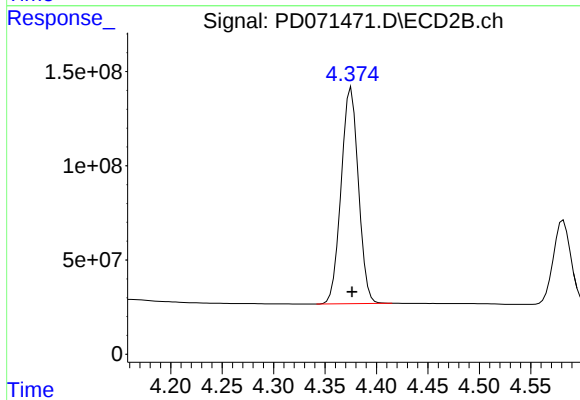
R.T.: 4.039 min  
Delta R.T.: 0.000 min  
Response: 1701715680  
Conc: 45.84 ng/ml



#3 gamma-BHC (Lindane)

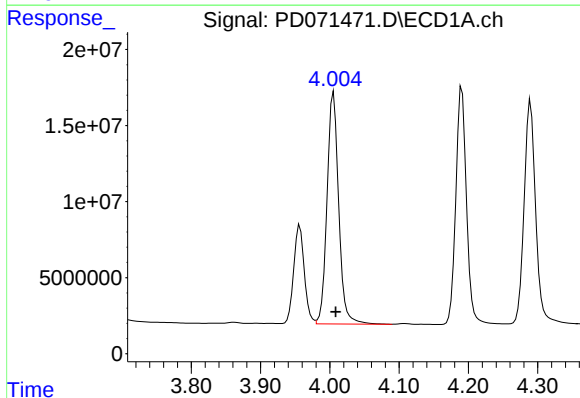
R.T.: 3.658 min  
Delta R.T.: -0.002 min  
Response: 170144911  
Conc: 42.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



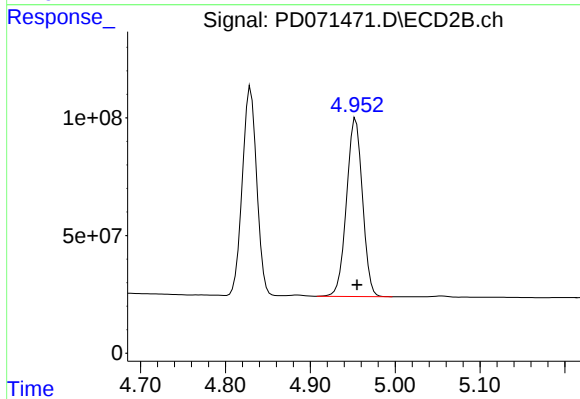
#3 gamma-BHC (Lindane)

R.T.: 4.375 min  
Delta R.T.: 0.000 min  
Response: 1340366878  
Conc: 44.76 ng/ml



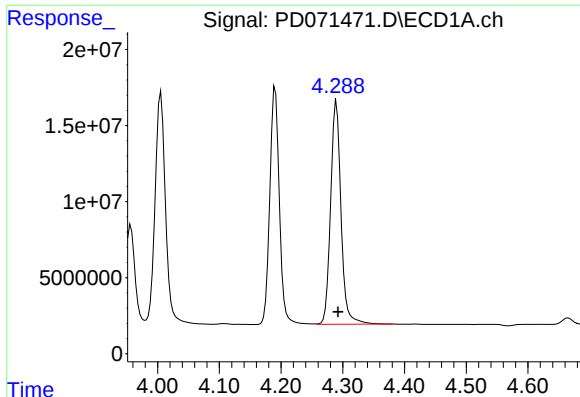
#4 Heptachlor

R.T.: 4.005 min  
Delta R.T.: -0.003 min  
Response: 178426613  
Conc: 42.07 ng/ml



#4 Heptachlor

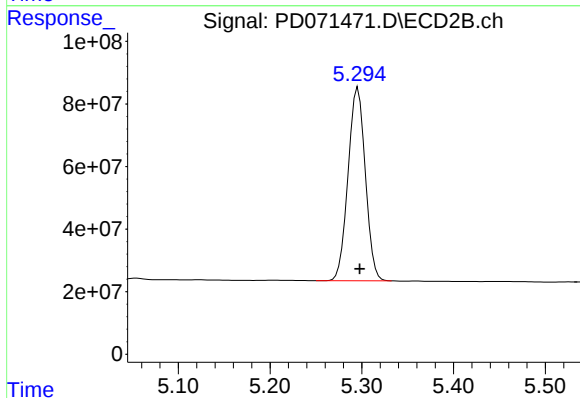
R.T.: 4.954 min  
Delta R.T.: -0.001 min  
Response: 988244652  
Conc: 46.74 ng/ml



#5 Aldrin

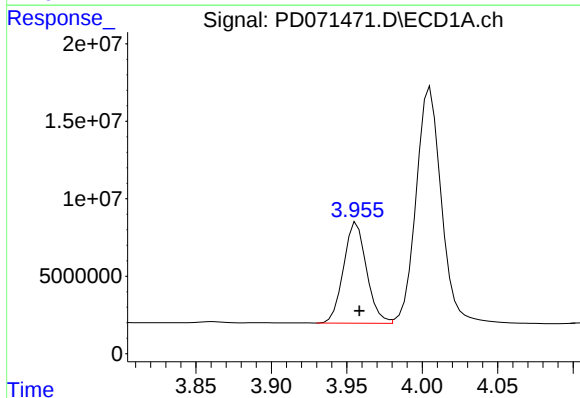
R.T.: 4.290 min  
Delta R.T.: -0.003 min  
Response: 171543920  
Conc: 42.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



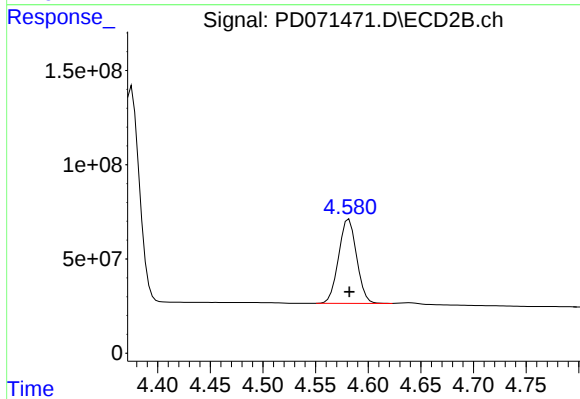
#5 Aldrin

R.T.: 5.296 min  
Delta R.T.: -0.002 min  
Response: 806947277  
Conc: 45.69 ng/ml



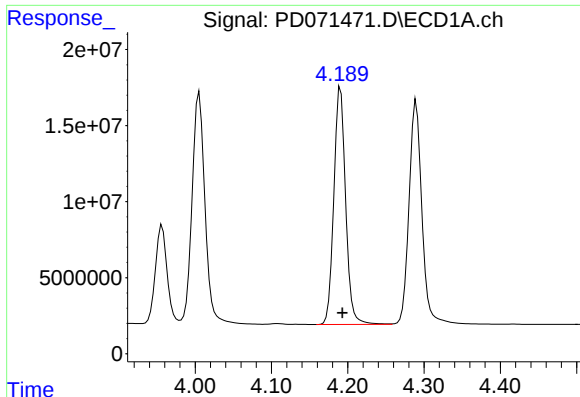
#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: -0.002 min  
Response: 69056175  
Conc: 40.42 ng/ml



#6 beta-BHC

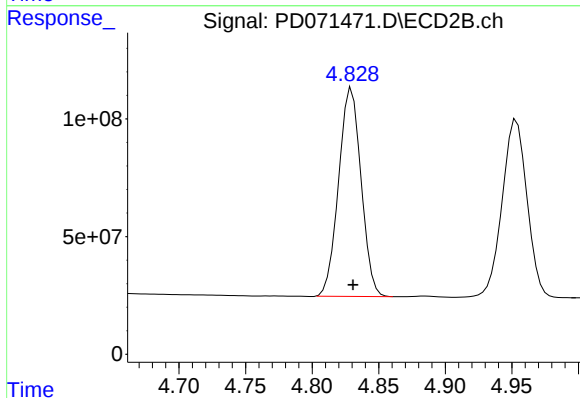
R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 534221872  
Conc: 45.10 ng/ml



#7 delta-BHC

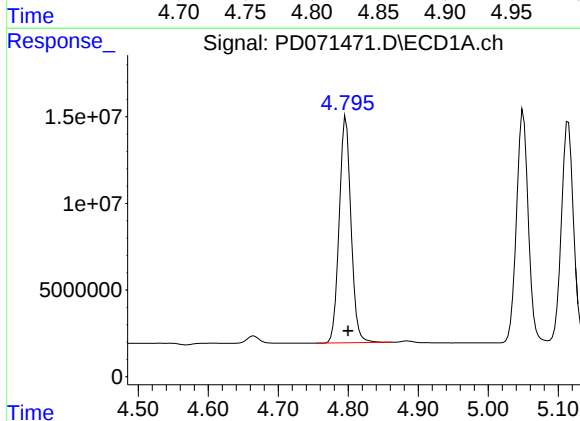
R.T.: 4.191 min  
Delta R.T.: -0.002 min  
Response: 167305584  
Conc: 42.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



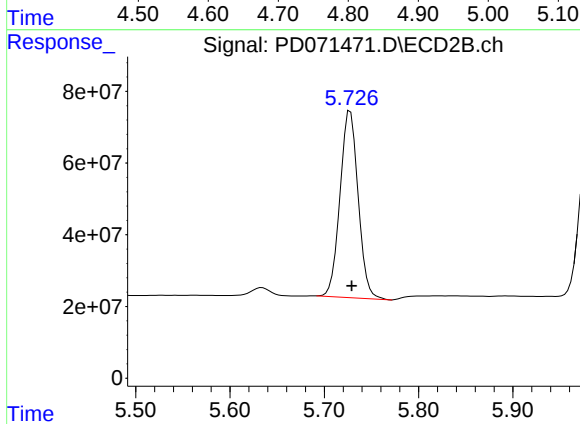
#7 delta-BHC

R.T.: 4.830 min  
Delta R.T.: -0.001 min  
Response: 1040058252  
Conc: 52.26 ng/ml



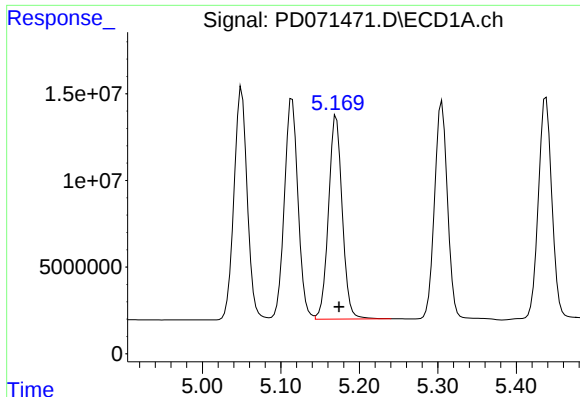
#8 Heptachlor epoxide

R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 152788836  
Conc: 41.72 ng/ml



#8 Heptachlor epoxide

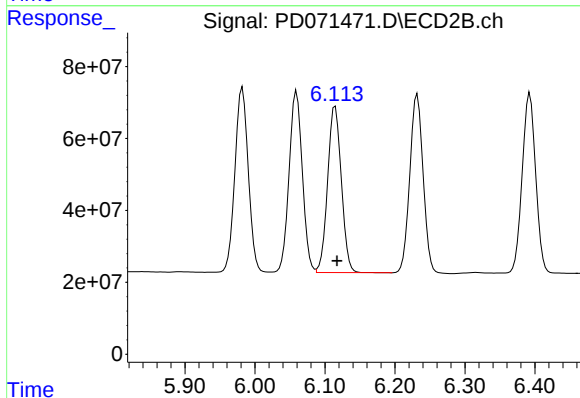
R.T.: 5.728 min  
Delta R.T.: -0.002 min  
Response: 698182442  
Conc: 53.42 ng/ml



#9 Endosulfan I

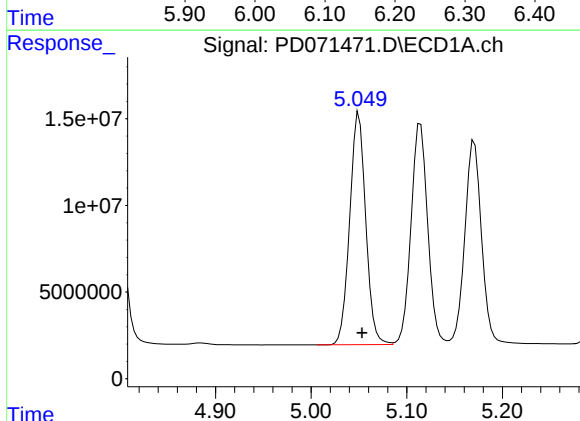
R.T.: 5.171 min  
Delta R.T.: -0.004 min  
Response: 142645772  
Conc: 41.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



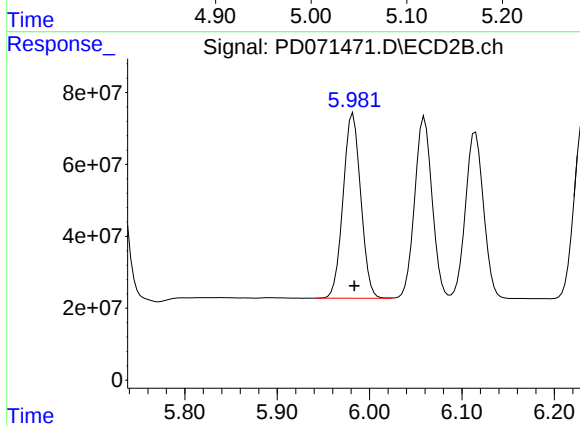
#9 Endosulfan I

R.T.: 6.115 min  
Delta R.T.: -0.002 min  
Response: 630969750  
Conc: 45.89 ng/ml



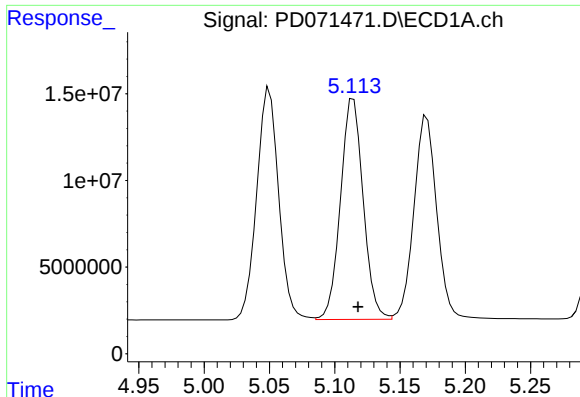
#10 gamma-Chlordane

R.T.: 5.050 min  
Delta R.T.: -0.003 min  
Response: 156705470  
Conc: 41.24 ng/ml



#10 gamma-Chlordane

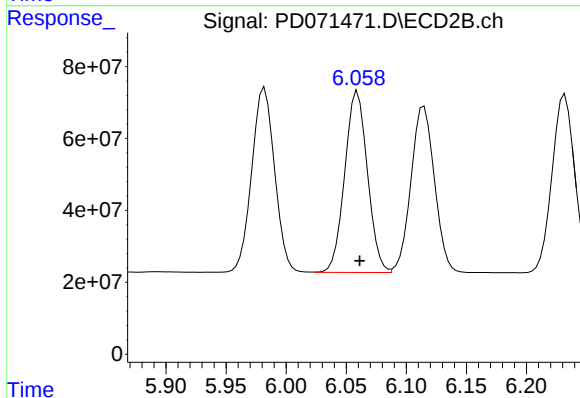
R.T.: 5.982 min  
Delta R.T.: -0.002 min  
Response: 681941873  
Conc: 46.44 ng/ml



#11 alpha-Chlordane

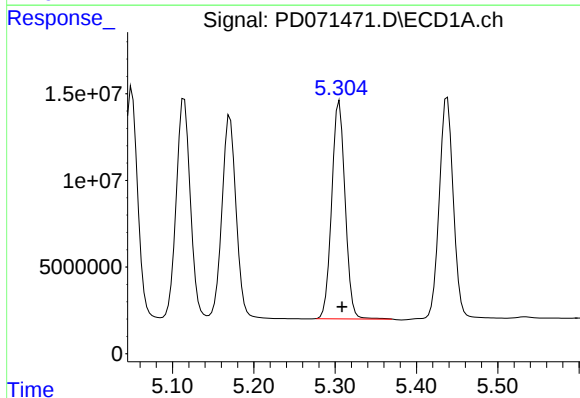
R.T.: 5.114 min  
Delta R.T.: -0.004 min  
Response: 154141536  
Conc: 41.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



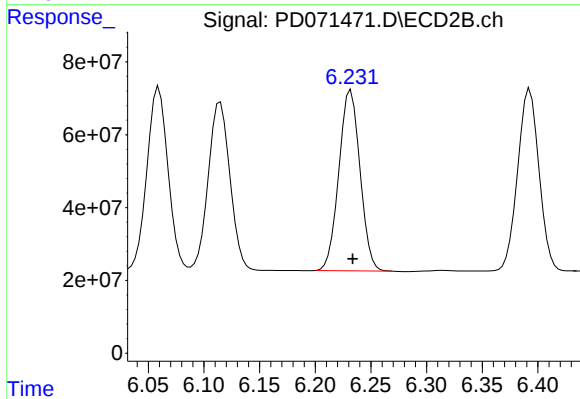
#11 alpha-Chlordane

R.T.: 6.059 min  
Delta R.T.: -0.002 min  
Response: 663976287  
Conc: 45.79 ng/ml



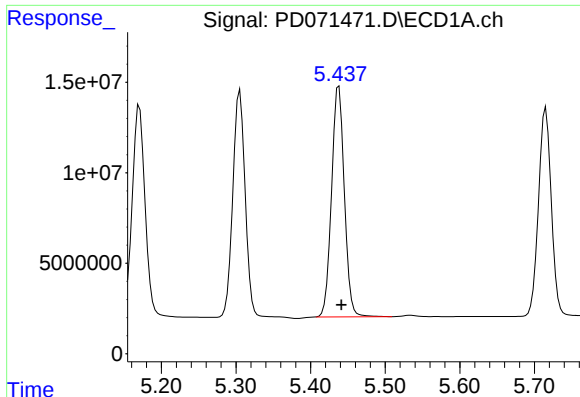
#12 4,4'-DDE

R.T.: 5.305 min  
Delta R.T.: -0.003 min  
Response: 144365385  
Conc: 42.18 ng/ml



#12 4,4'-DDE

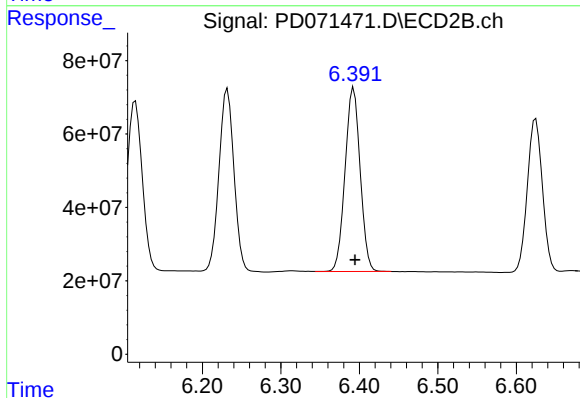
R.T.: 6.232 min  
Delta R.T.: -0.002 min  
Response: 656514623  
Conc: 45.93 ng/ml



#13 Dieldrin

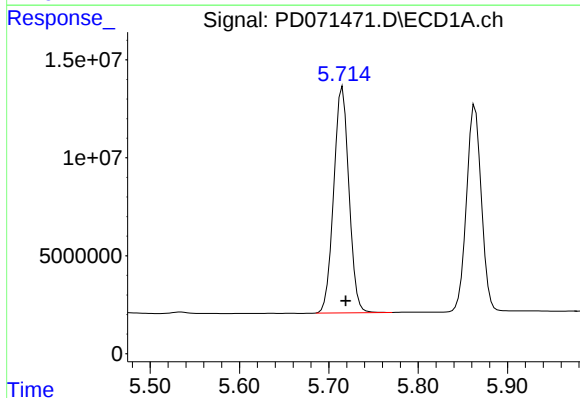
R.T.: 5.438 min  
Delta R.T.: -0.003 min  
Response: 152155545  
Conc: 42.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



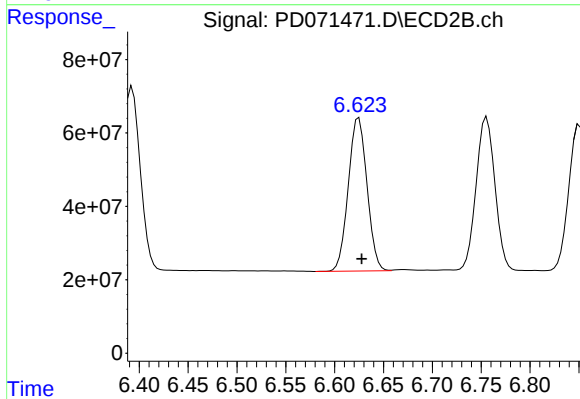
#13 Dieldrin

R.T.: 6.393 min  
Delta R.T.: -0.002 min  
Response: 669603895  
Conc: 45.57 ng/ml



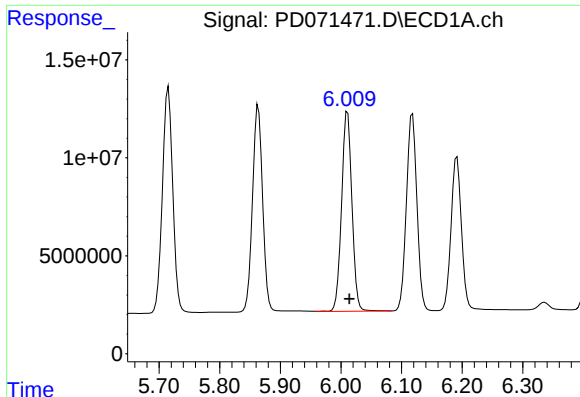
#14 Endrin

R.T.: 5.715 min  
Delta R.T.: -0.004 min  
Response: 136571101  
Conc: 43.13 ng/ml



#14 Endrin

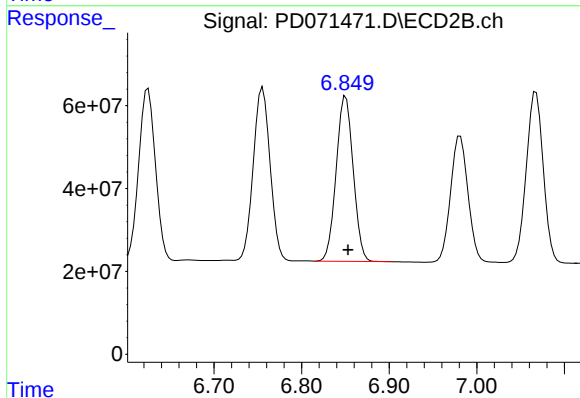
R.T.: 6.625 min  
Delta R.T.: -0.003 min  
Response: 556777864  
Conc: 44.51 ng/ml



#15 Endosulfan II

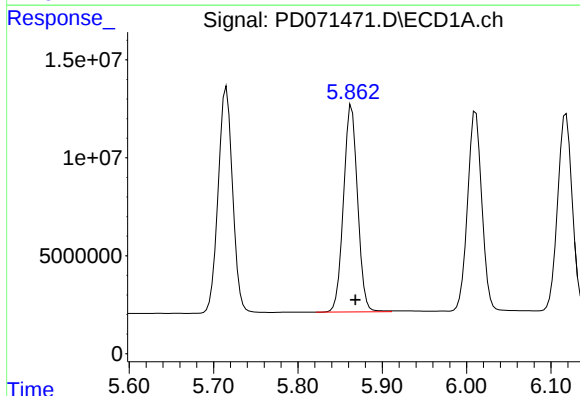
R.T.: 6.011 min  
Delta R.T.: -0.003 min  
Response: 120742714  
Conc: 40.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



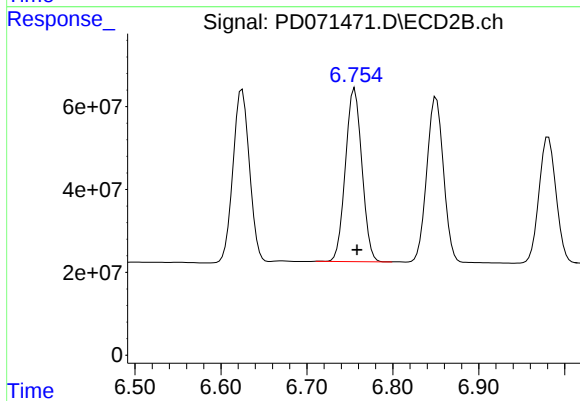
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: -0.003 min  
Response: 538014948  
Conc: 43.39 ng/ml



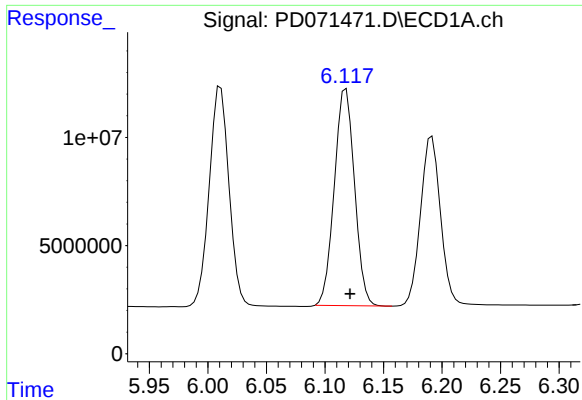
#16 4,4'-DDD

R.T.: 5.864 min  
Delta R.T.: -0.004 min  
Response: 122742307  
Conc: 43.06 ng/ml



#16 4,4'-DDD

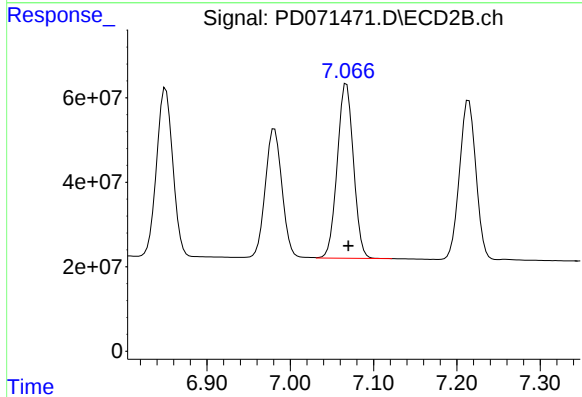
R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 558703422  
Conc: 46.97 ng/ml



#17 4,4'-DDT

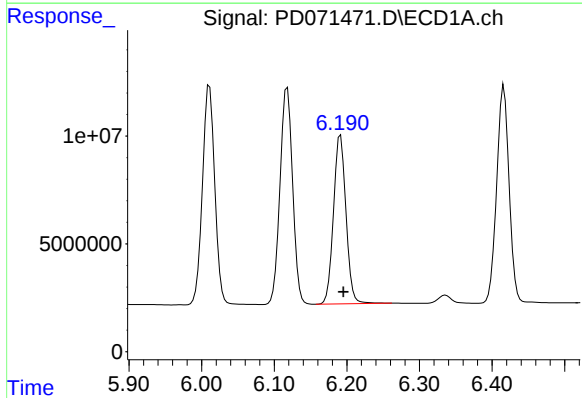
R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 120237169  
Conc: 40.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



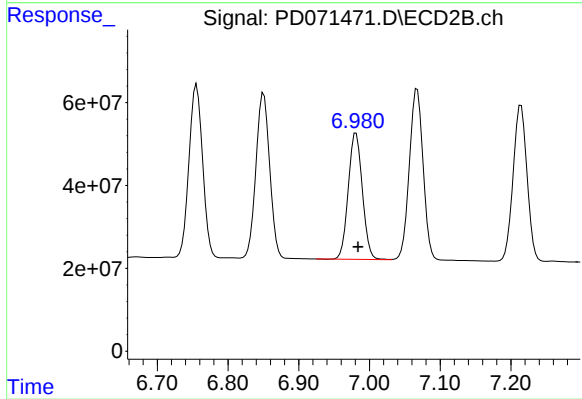
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: -0.002 min  
Response: 558102523  
Conc: 42.79 ng/ml



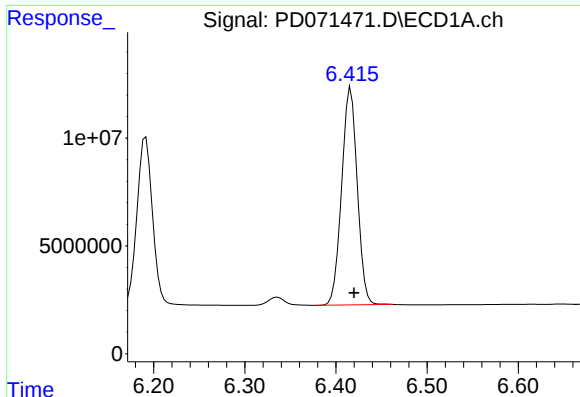
#18 Endrin aldehyde

R.T.: 6.191 min  
Delta R.T.: -0.004 min  
Response: 93483669  
Conc: 42.40 ng/ml



#18 Endrin aldehyde

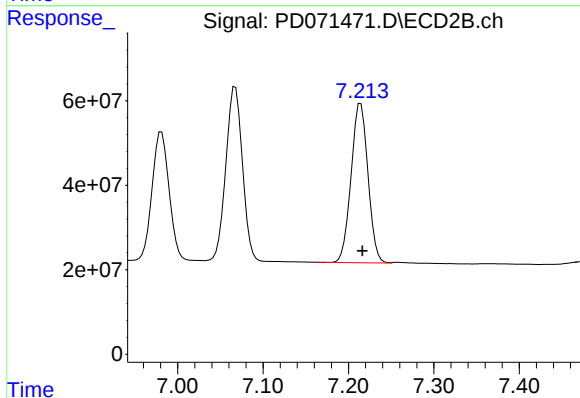
R.T.: 6.981 min  
Delta R.T.: -0.003 min  
Response: 423050417  
Conc: 43.67 ng/ml



#19 Endosulfan Sulfate

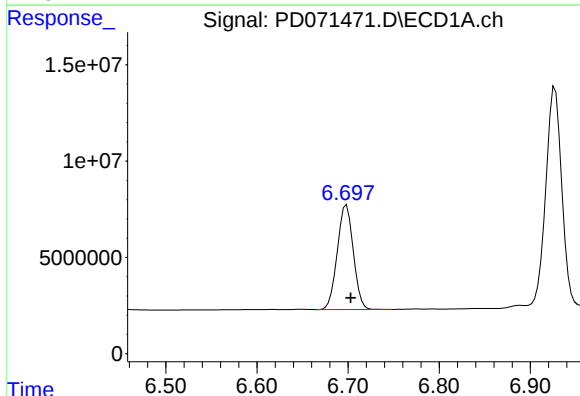
R.T.: 6.416 min  
Delta R.T.: -0.004 min  
Response: 119948977  
Conc: 41.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



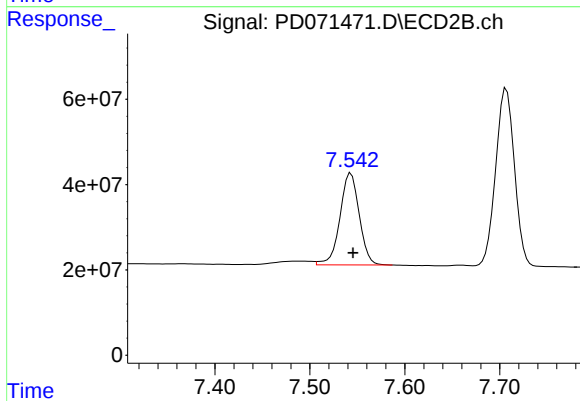
#19 Endosulfan Sulfate

R.T.: 7.214 min  
Delta R.T.: -0.002 min  
Response: 517440215  
Conc: 43.39 ng/ml



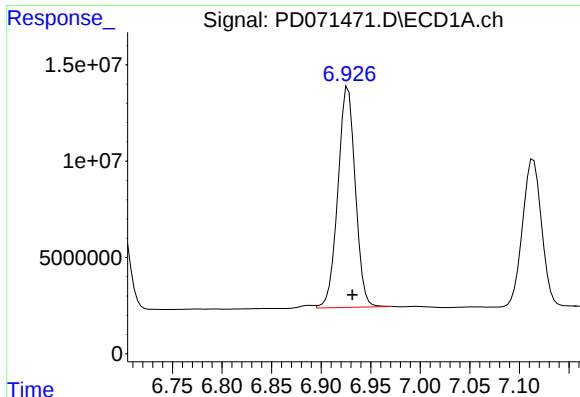
#20 Methoxychlor

R.T.: 6.698 min  
Delta R.T.: -0.005 min  
Response: 66468017  
Conc: 40.30 ng/ml



#20 Methoxychlor

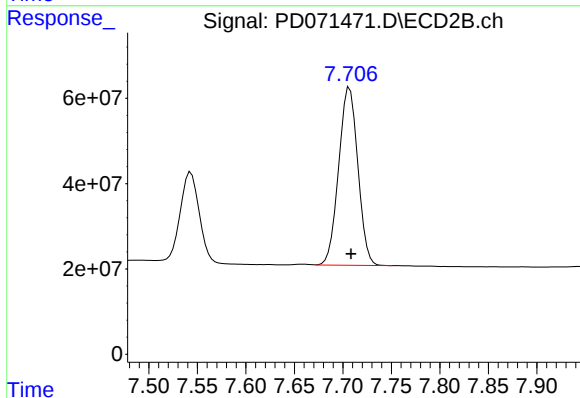
R.T.: 7.543 min  
Delta R.T.: -0.002 min  
Response: 303559355  
Conc: 44.04 ng/ml



#21 Endrin ketone

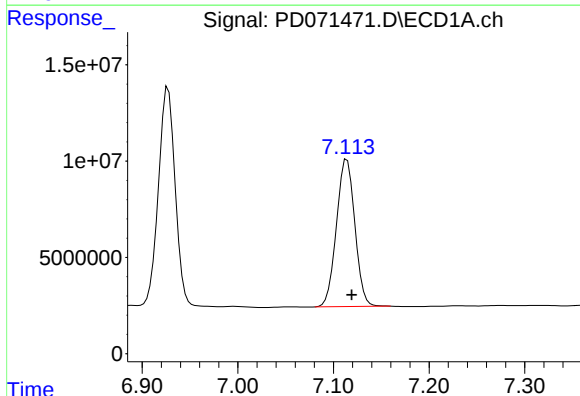
R.T.: 6.927 min  
Delta R.T.: -0.004 min  
Response: 139998016  
Conc: 42.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



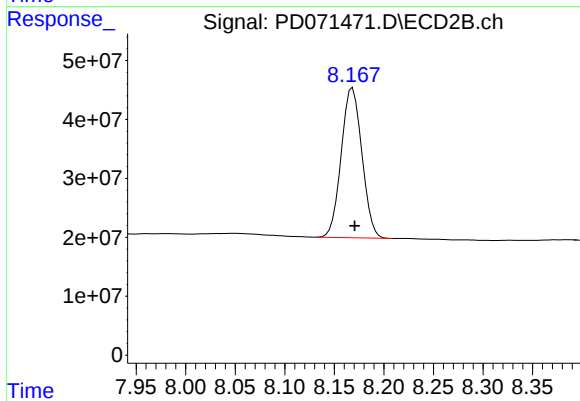
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: -0.001 min  
Response: 573484924  
Conc: 42.72 ng/ml



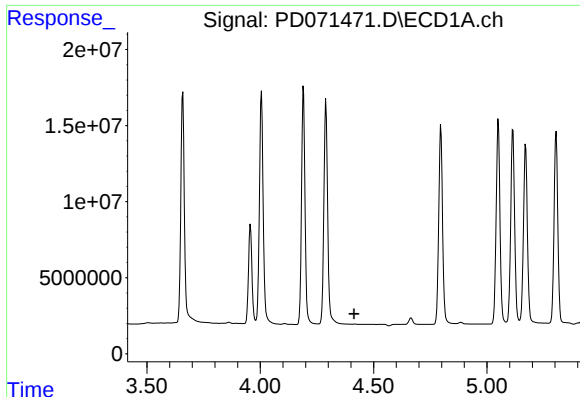
#22 Mirex

R.T.: 7.114 min  
Delta R.T.: -0.005 min  
Response: 102478191  
Conc: 41.86 ng/ml



#22 Mirex

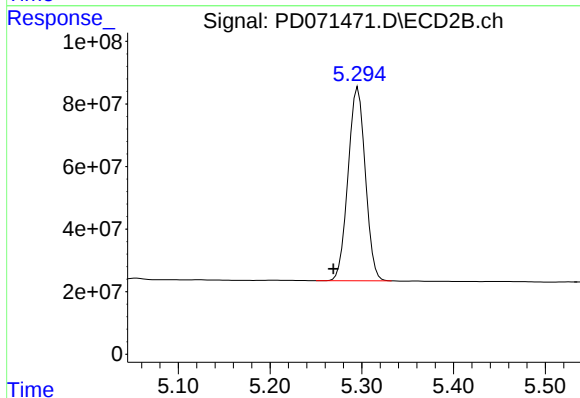
R.T.: 8.168 min  
Delta R.T.: -0.002 min  
Response: 369234738  
Conc: 42.92 ng/ml



#24 Chlordane-2

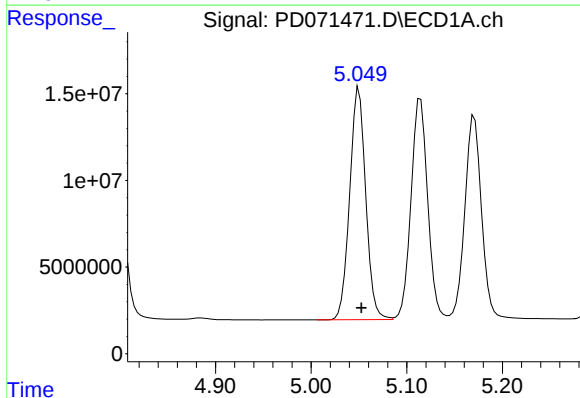
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



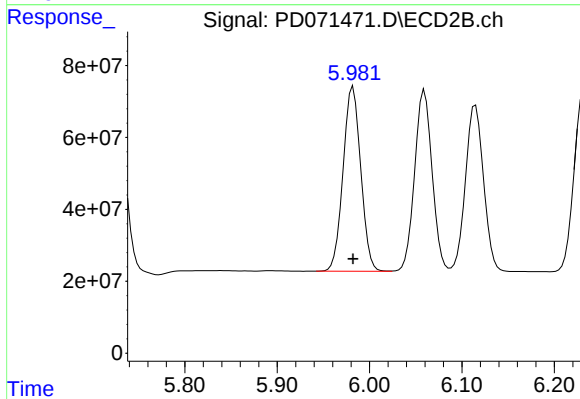
#24 Chlordane-2

R.T.: 5.296 min  
Delta R.T.: 0.027 min  
Response: 806947277  
Conc: 1347.14 ng/ml



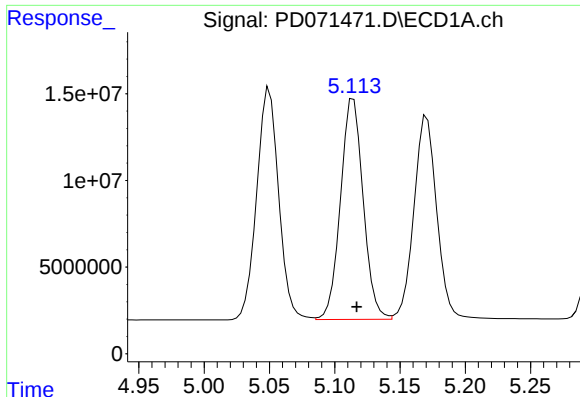
#25 Chlordane-3

R.T.: 5.050 min  
Delta R.T.: -0.003 min  
Response: 156705470  
Conc: 458.93 ng/ml



#25 Chlordane-3

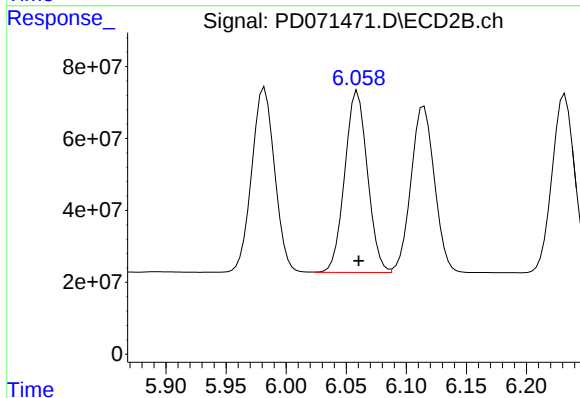
R.T.: 5.982 min  
Delta R.T.: 0.000 min  
Response: 681941873  
Conc: 367.84 ng/ml



#26 Chlordane-4

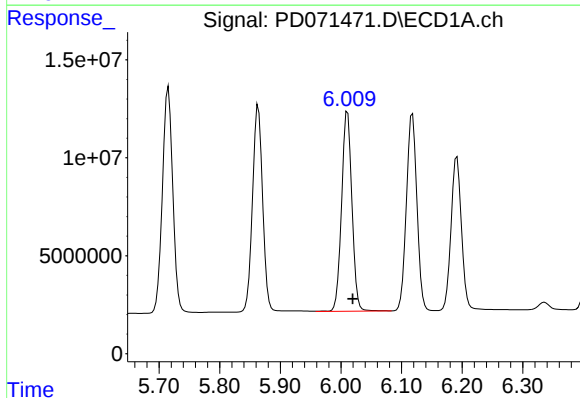
R.T.: 5.114 min  
Delta R.T.: -0.003 min  
Response: 154141536  
Conc: 485.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



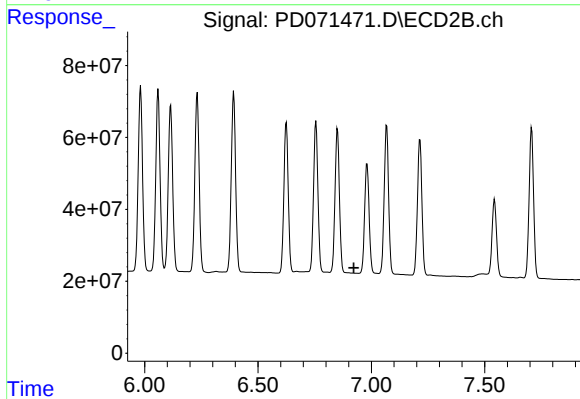
#26 Chlordane-4

R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 663976287  
Conc: 304.63 ng/ml



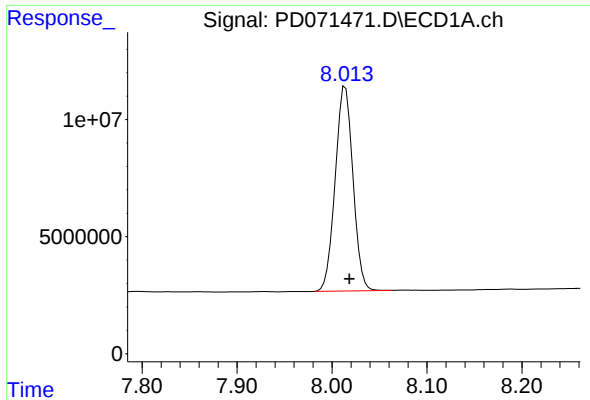
#27 Chlordane-5

R.T.: 6.011 min  
Delta R.T.: -0.009 min  
Response: 120742714  
Conc: 998.63 ng/ml



#27 Chlordane-5

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



#28 Decachlorobiphenyl

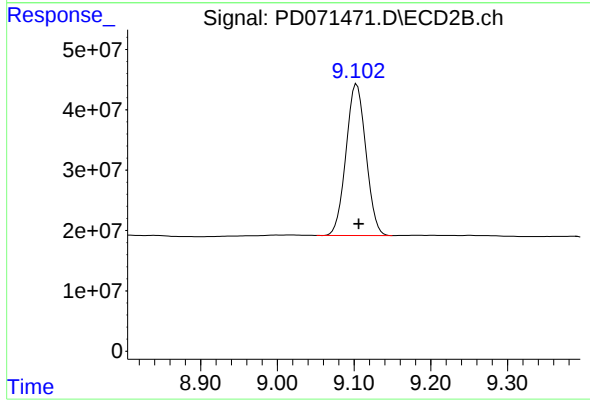
R.T.: 8.014 min

Delta R.T.: -0.004 min

Response: 113787069

Conc: 41.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.103 min

Delta R.T.: -0.002 min

Response: 454749147

Conc: 43.93 ng/ml