

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020623\  
 Data File : PD073829.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Feb 2023 10:44  
 Operator : AR\AJ  
 Sample : 01378-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 06 21:20:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012523CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 25 02:23:06 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

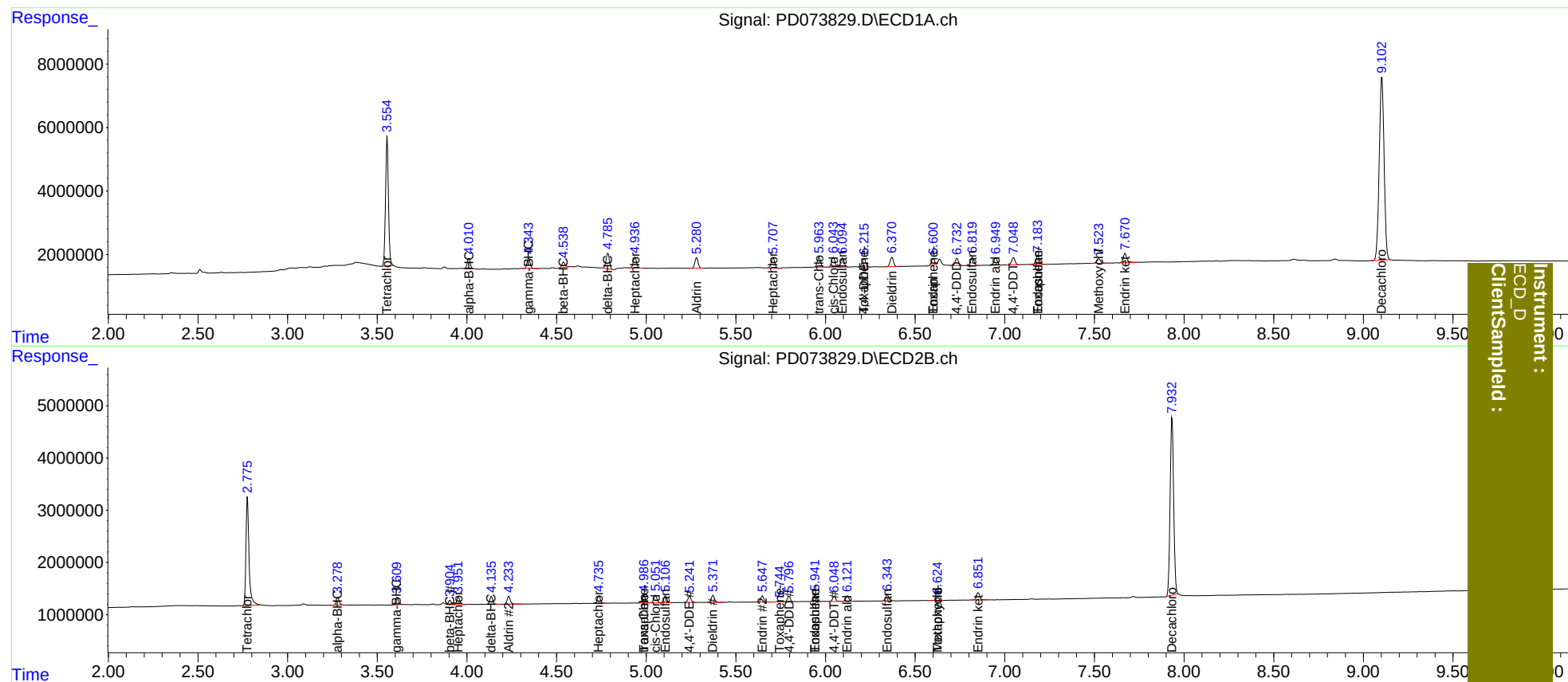
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.555  | 2.776  | 46175484 | 24754605 | 19.499  | 19.502    |
| 27)                         | SA Decachlor... | 9.103  | 7.933  | 108.6E6  | 46669029 | 39.361  | 38.777    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.011  | 3.280  | 3776460  | 1721702  | 0.991   | 0.972     |
| 3)                          | MA gamma-BHC... | 4.345  | 3.610  | 3725019  | 1602626  | 1.023   | 0.953     |
| 4)                          | MA Heptachlor   | 4.938  | 3.952  | 4325261  | 1674789  | 1.189   | 1.110     |
| 5)                          | MB Aldrin       | 5.282  | 4.234  | 4260813  | 1833331  | 1.191   | 1.080     |
| 6)                          | B beta-BHC      | 4.540  | 3.906  | 2295096  | 905390   | 1.366   | 1.108     |
| 7)                          | B delta-BHC     | 4.787  | 4.137  | 6533801  | 1695886  | 2.000   | 0.978 #   |
| 8)                          | B Heptachlo...  | 5.708  | 4.737  | 4578471  | 1700398  | 1.408   | 1.092     |
| 9)                          | A Endosulfan I  | 6.095  | 5.108  | 3884966  | 1621914  | 1.266   | 1.130     |
| 10)                         | B trans-Chl...  | 5.965  | 4.988  | 4051722  | 1769630  | 1.258   | 1.133     |
| 11)                         | B cis-Chlor...  | 6.045  | 5.052  | 4168458  | 1800133  | 1.251   | 1.120     |
| 12)                         | B 4,4'-DDE      | 6.216  | 5.242  | 3508433  | 1437856  | 1.113   | 0.979     |
| 13)                         | MA Dieldrin     | 6.371  | 5.373  | 3913387  | 1656582  | 1.165   | 1.064     |
| 14)                         | MA Endrin       | 6.601  | 5.648  | 2210114  | 1451282  | 0.790   | 1.128 #   |
| 15)                         | B Endosulfa...  | 6.820  | 5.942  | 3573799  | 1508225  | 1.209   | 1.096     |
| 16)                         | A 4,4'-DDD      | 6.734  | 5.797  | 2820247  | 1292265  | 1.108   | 1.071     |
| 17)                         | MA 4,4'-DDT     | 7.049  | 6.049  | 3046688  | 1135564  | 1.116   | 0.962     |
| 18)                         | B Endrin al...  | 6.950  | 6.122  | 3181172  | 1271179  | 1.330   | 1.164     |
| 19)                         | B Endosulfa...  | 7.184  | 6.345  | 3663480  | 1448197  | 1.319   | 1.152     |
| 20)                         | A Methoxychlor  | 7.524  | 6.626  | 2037419  | 637419   | 1.369   | 1.156     |
| 21)                         | B Endrin ke...  | 7.672  | 6.852  | 4289271  | 1740972  | 1.346   | 1.157     |
| 22)                         | Toxaphene-1     | 6.216f | 4.988  | 3508433  | 1769630  | 155.904 | 201.634 # |
| 23)                         | Toxaphene-2     | 0.000  | 5.746f | 0        | 172464   | N.D.    | 20.822    |
| 24)                         | Toxaphene-3     | 6.601f | 5.942f | 2210114  | 1508225  | 105.107 | 156.473 # |
| 25)                         | Toxaphene-4     | 7.184  | 6.626  | 3663480  | 637419   | 58.249  | 21.462 #  |
| -----                       |                 |        |        |          |          |         |           |

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

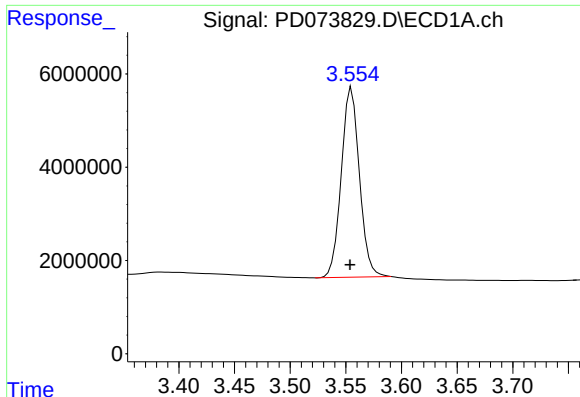
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020623\  
Data File : PD073829.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Feb 2023 10:44  
Operator : AR\AJ  
Sample : 01378-02  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 06 21:20:36 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012523CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 25 02:23:06 2023  
Response via : Initial Calibration  
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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



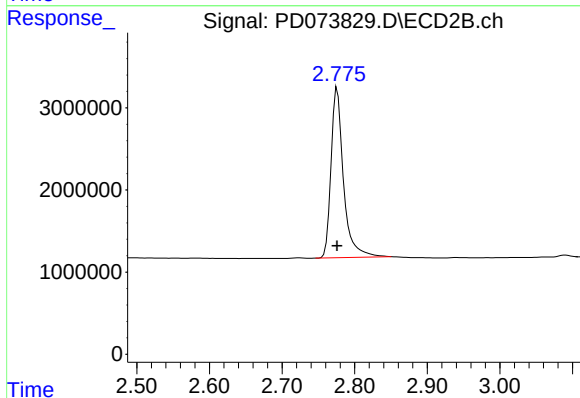
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

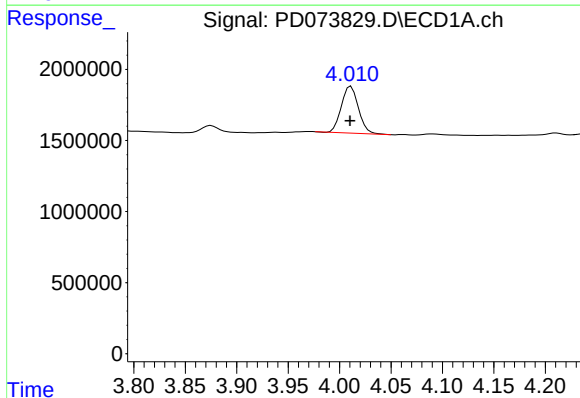
R.T.: 3.555 min  
Delta R.T.: 0.001 min  
Response: 46175484  
Conc: 19.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



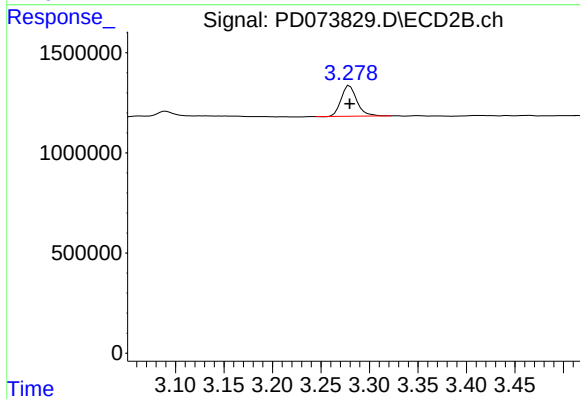
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: 0.000 min  
Response: 24754605  
Conc: 19.50 ng/ml



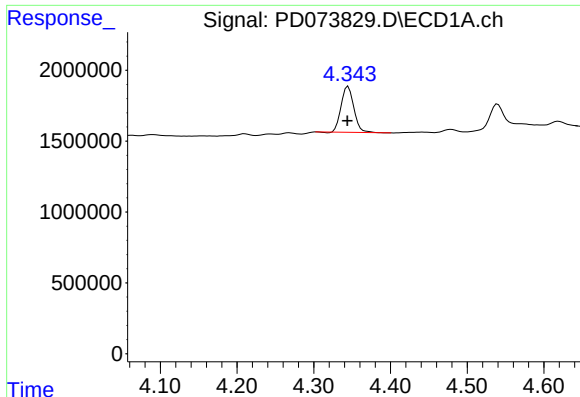
#2 alpha-BHC

R.T.: 4.011 min  
Delta R.T.: 0.000 min  
Response: 3776460  
Conc: 0.99 ng/ml



#2 alpha-BHC

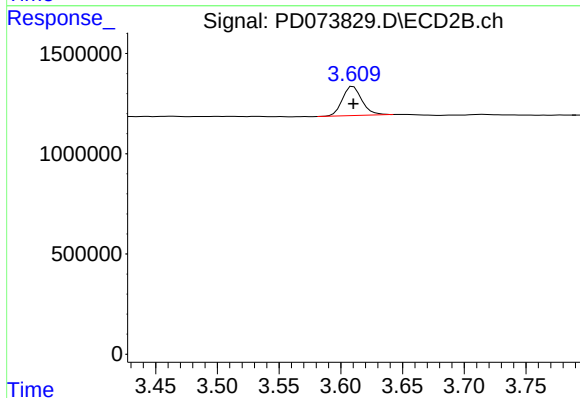
R.T.: 3.280 min  
Delta R.T.: 0.000 min  
Response: 1721702  
Conc: 0.97 ng/ml



#3 gamma-BHC (Lindane)

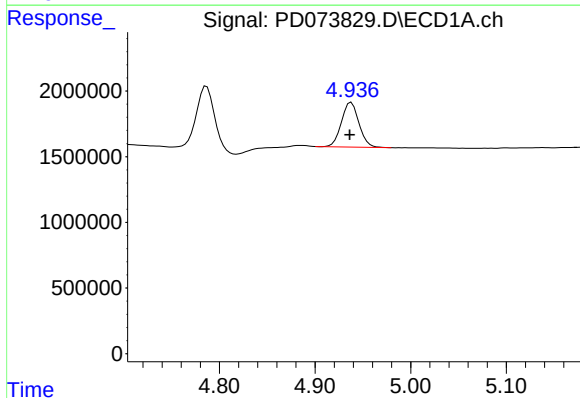
R.T.: 4.345 min  
Delta R.T.: 0.001 min  
Response: 3725019  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



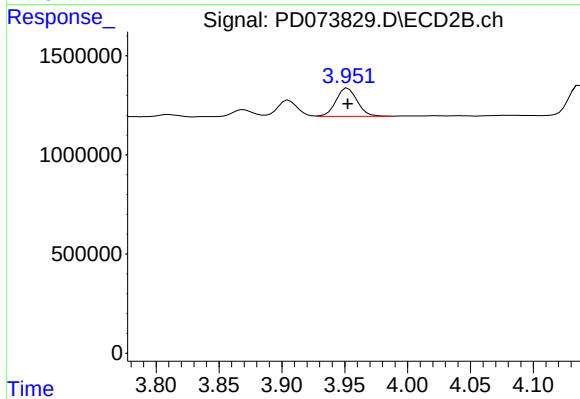
#3 gamma-BHC (Lindane)

R.T.: 3.610 min  
Delta R.T.: 0.000 min  
Response: 1602626  
Conc: 0.95 ng/ml



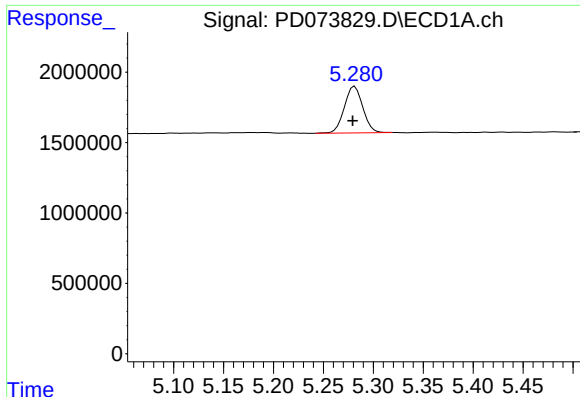
#4 Heptachlor

R.T.: 4.938 min  
Delta R.T.: 0.002 min  
Response: 4325261  
Conc: 1.19 ng/ml



#4 Heptachlor

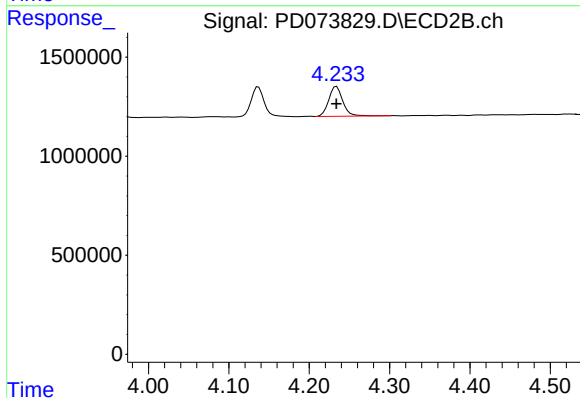
R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 1674789  
Conc: 1.11 ng/ml



#5 Aldrin

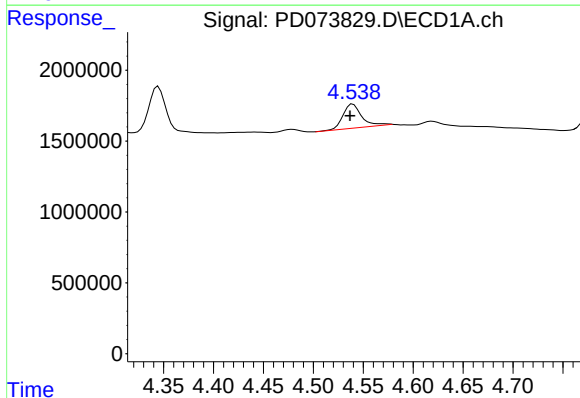
R.T.: 5.282 min  
Delta R.T.: 0.002 min  
Response: 4260813  
Conc: 1.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



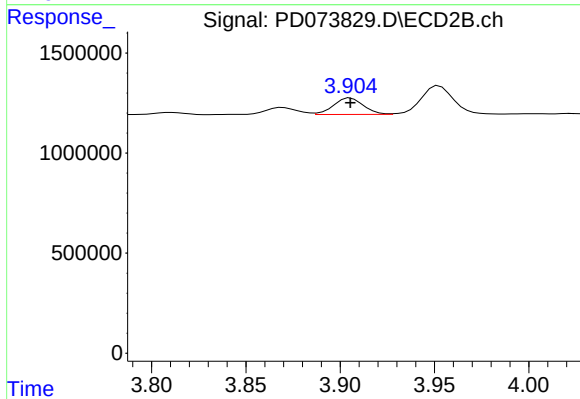
#5 Aldrin

R.T.: 4.234 min  
Delta R.T.: 0.000 min  
Response: 1833331  
Conc: 1.08 ng/ml



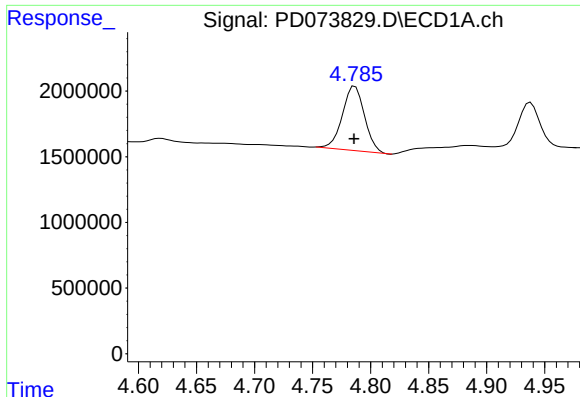
#6 beta-BHC

R.T.: 4.540 min  
Delta R.T.: 0.003 min  
Response: 2295096  
Conc: 1.37 ng/ml



#6 beta-BHC

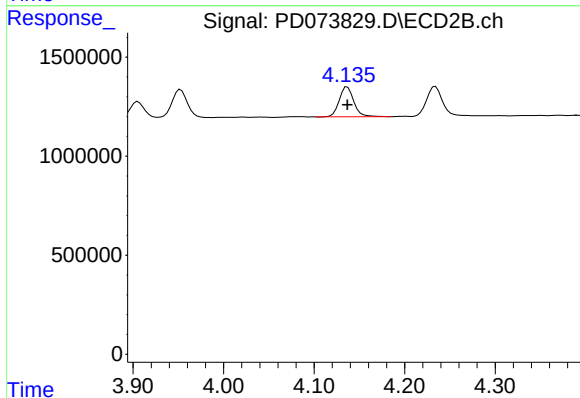
R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 905390  
Conc: 1.11 ng/ml



#7 delta-BHC

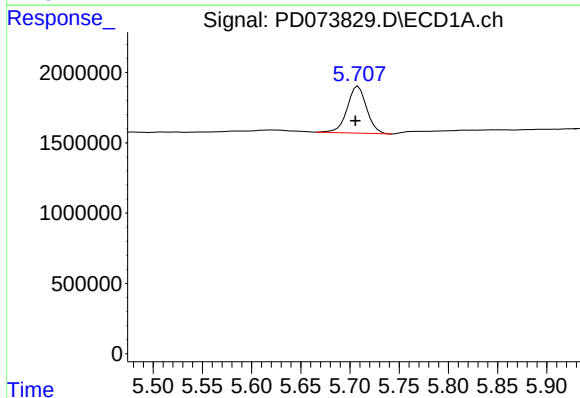
R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 6533801  
Conc: 2.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



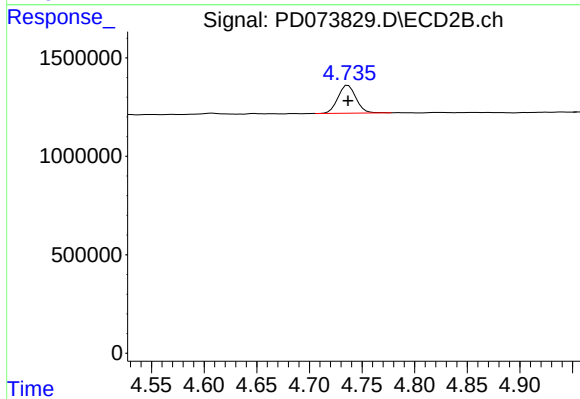
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 1695886  
Conc: 0.98 ng/ml



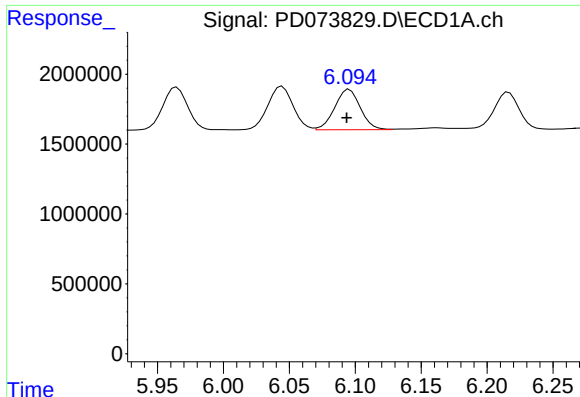
#8 Heptachlor epoxide

R.T.: 5.708 min  
Delta R.T.: 0.003 min  
Response: 4578471  
Conc: 1.41 ng/ml



#8 Heptachlor epoxide

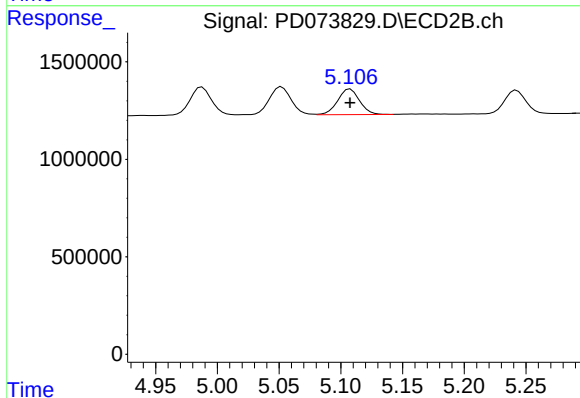
R.T.: 4.737 min  
Delta R.T.: 0.000 min  
Response: 1700398  
Conc: 1.09 ng/ml



#9 Endosulfan I

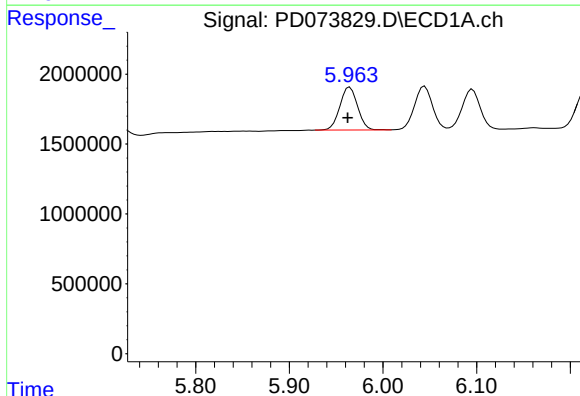
R.T.: 6.095 min  
Delta R.T.: 0.002 min  
Response: 3884966  
Conc: 1.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



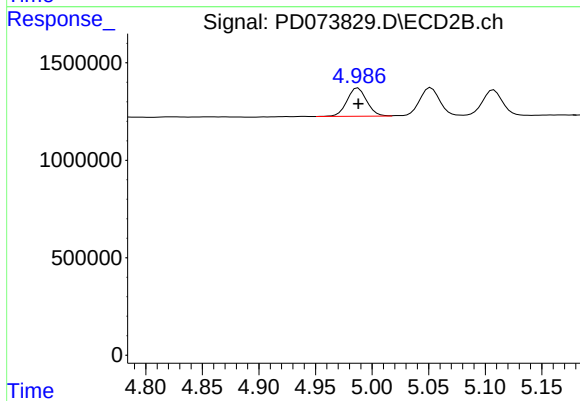
#9 Endosulfan I

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 1621914  
Conc: 1.13 ng/ml



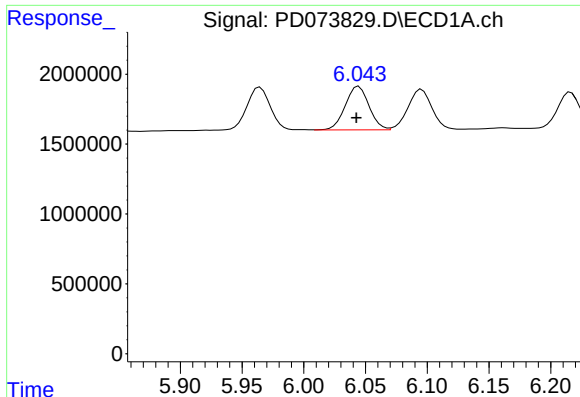
#10 trans-Chlordane

R.T.: 5.965 min  
Delta R.T.: 0.002 min  
Response: 4051722  
Conc: 1.26 ng/ml



#10 trans-Chlordane

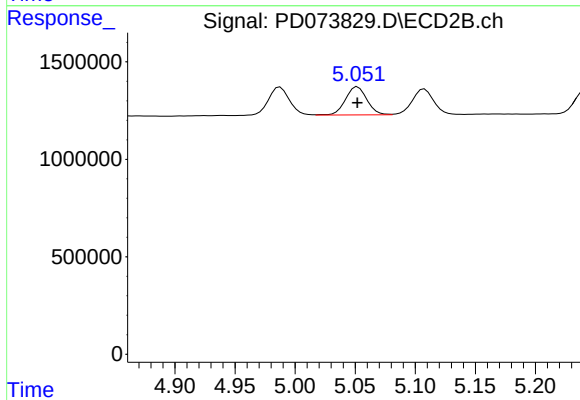
R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 1769630  
Conc: 1.13 ng/ml



#11 cis-Chlordane

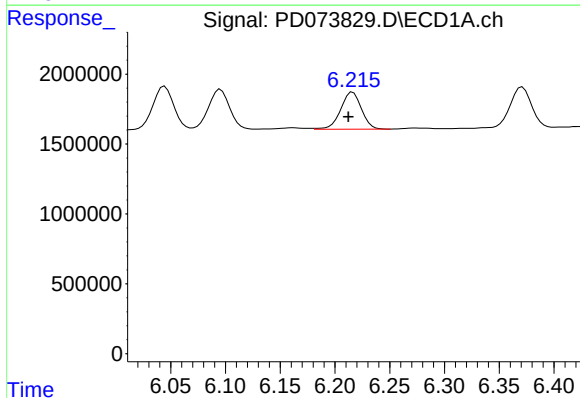
R.T.: 6.045 min  
Delta R.T.: 0.002 min  
Response: 4168458  
Conc: 1.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



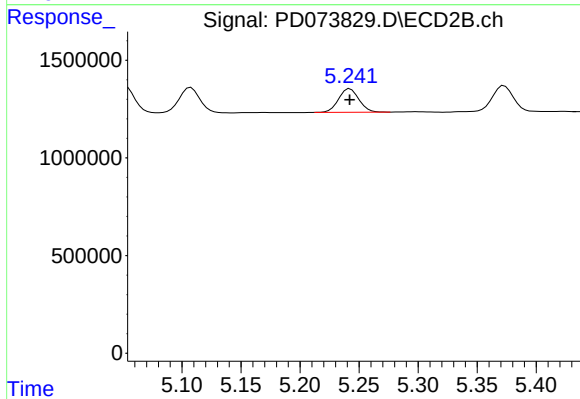
#11 cis-Chlordane

R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 1800133  
Conc: 1.12 ng/ml



#12 4,4'-DDE

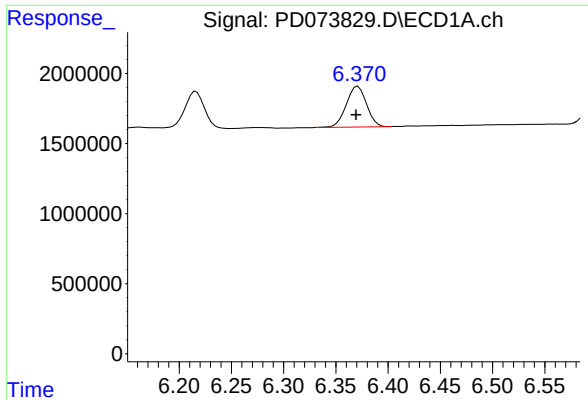
R.T.: 6.216 min  
Delta R.T.: 0.004 min  
Response: 3508433  
Conc: 1.11 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 1437856  
Conc: 0.98 ng/ml

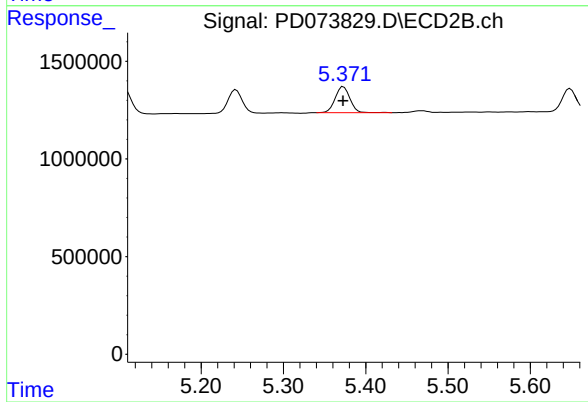




#13 Dieldrin

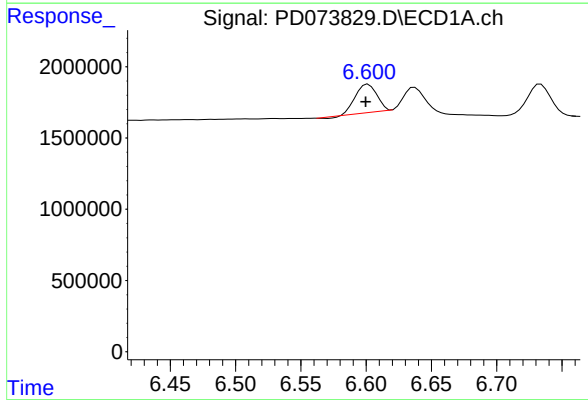
R.T.: 6.371 min  
Delta R.T.: 0.002 min  
Response: 3913387  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



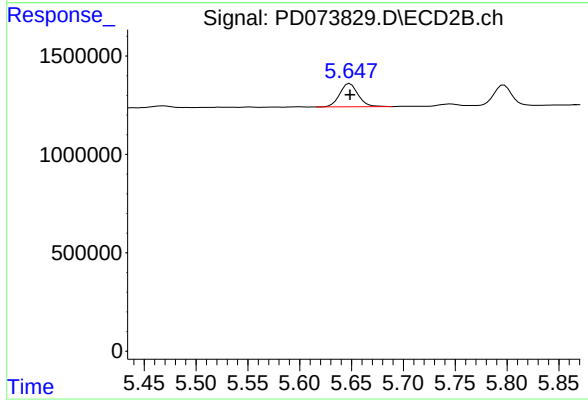
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: 0.000 min  
Response: 1656582  
Conc: 1.06 ng/ml



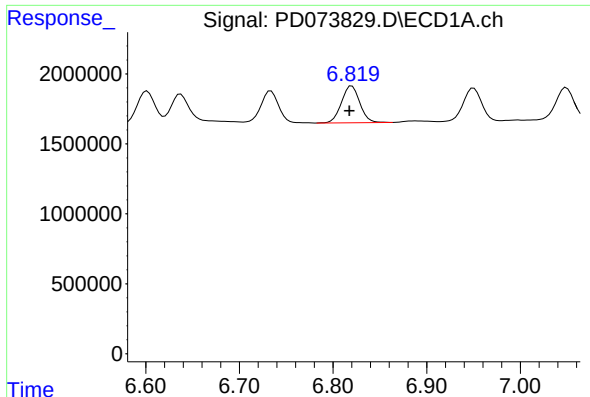
#14 Endrin

R.T.: 6.601 min  
Delta R.T.: 0.002 min  
Response: 2210114  
Conc: 0.79 ng/ml



#14 Endrin

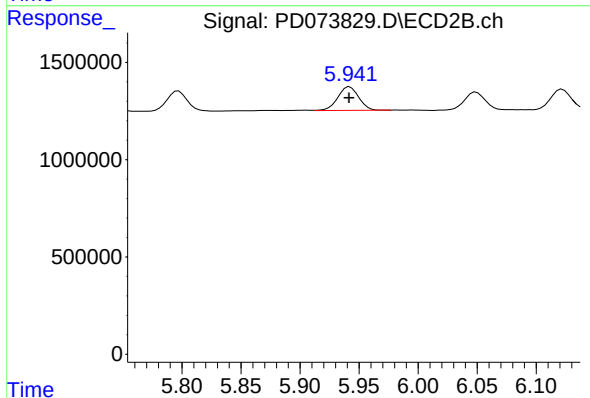
R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 1451282  
Conc: 1.13 ng/ml



#15 Endosulfan II

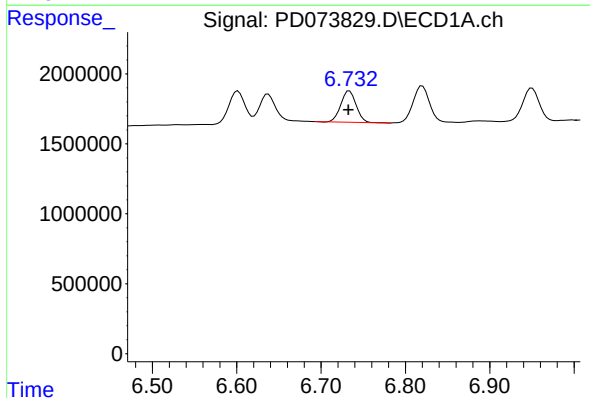
R.T.: 6.820 min  
Delta R.T.: 0.003 min  
Response: 3573799  
Conc: 1.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



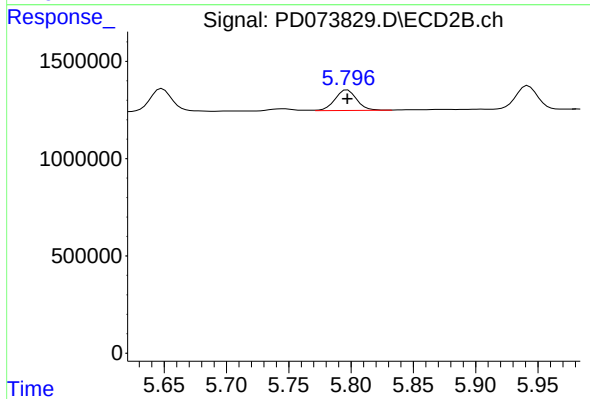
#15 Endosulfan II

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 1508225  
Conc: 1.10 ng/ml



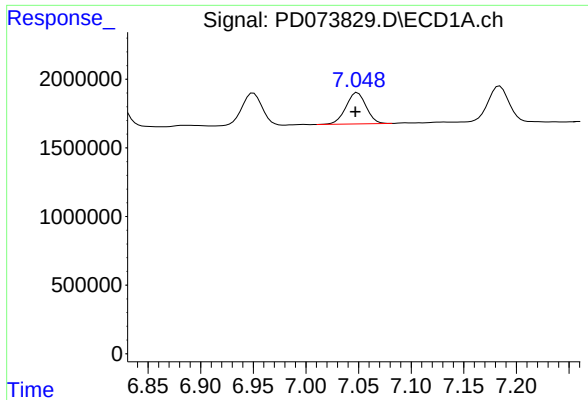
#16 4,4'-DDD

R.T.: 6.734 min  
Delta R.T.: 0.002 min  
Response: 2820247  
Conc: 1.11 ng/ml



#16 4,4'-DDD

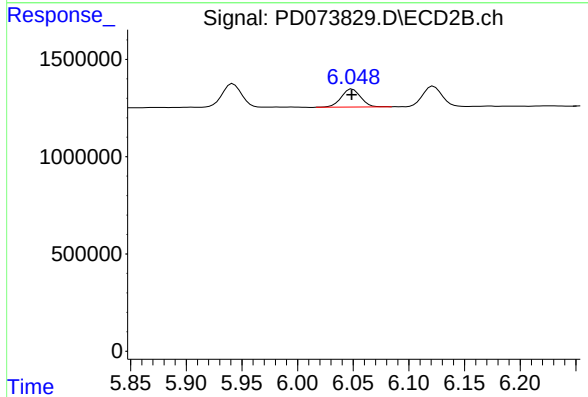
R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 1292265  
Conc: 1.07 ng/ml



#17 4,4'-DDT

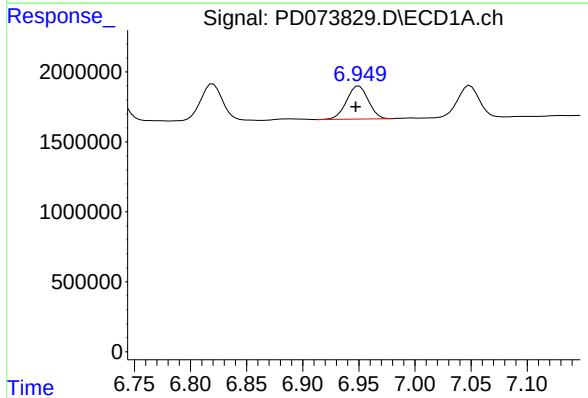
R.T.: 7.049 min  
Delta R.T.: 0.002 min  
Response: 3046688  
Conc: 1.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



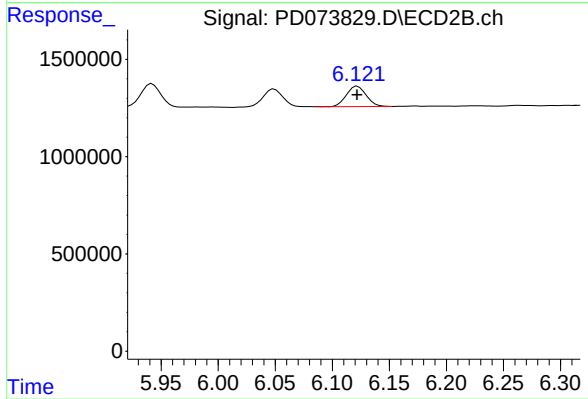
#17 4,4'-DDT

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 1135564  
Conc: 0.96 ng/ml



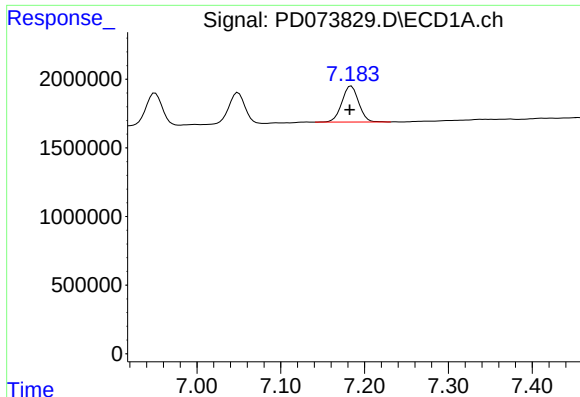
#18 Endrin aldehyde

R.T.: 6.950 min  
Delta R.T.: 0.003 min  
Response: 3181172  
Conc: 1.33 ng/ml



#18 Endrin aldehyde

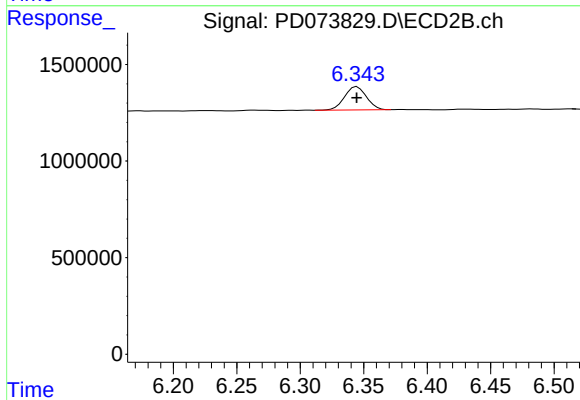
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 1271179  
Conc: 1.16 ng/ml



#19 Endosulfan Sulfate

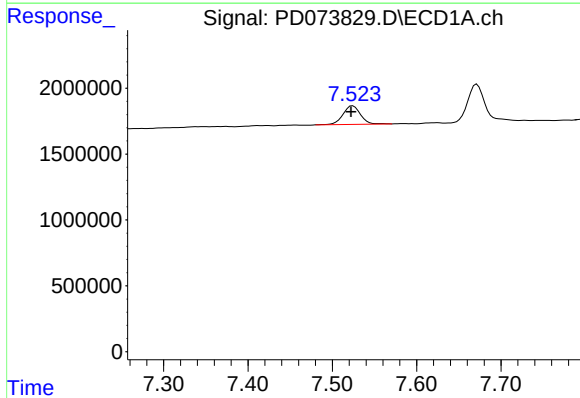
R.T.: 7.184 min  
Delta R.T.: 0.002 min  
Response: 3663480  
Conc: 1.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



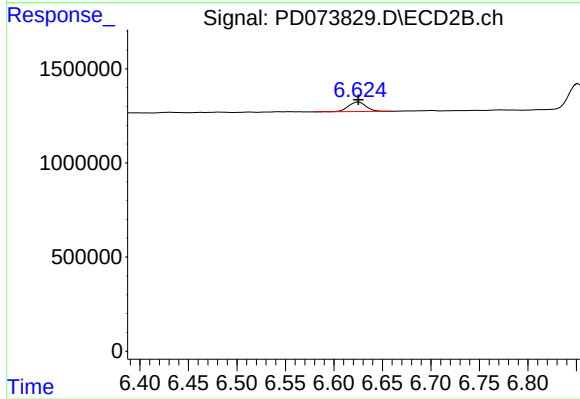
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 1448197  
Conc: 1.15 ng/ml



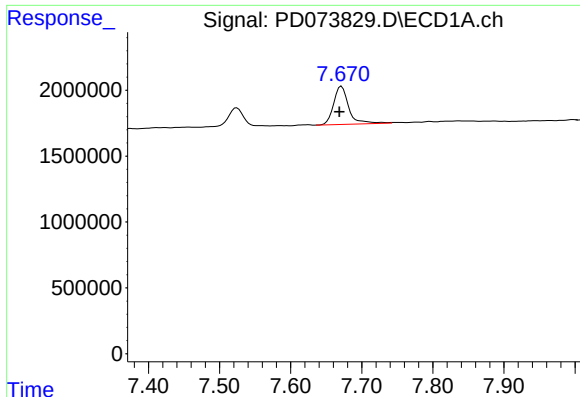
#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: 0.002 min  
Response: 2037419  
Conc: 1.37 ng/ml



#20 Methoxychlor

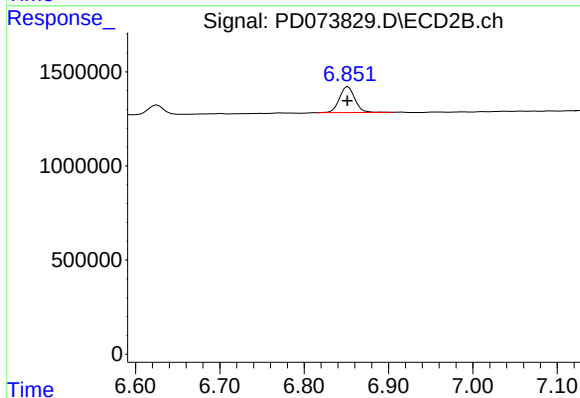
R.T.: 6.626 min  
Delta R.T.: 0.000 min  
Response: 637419  
Conc: 1.16 ng/ml



#21 Endrin ketone

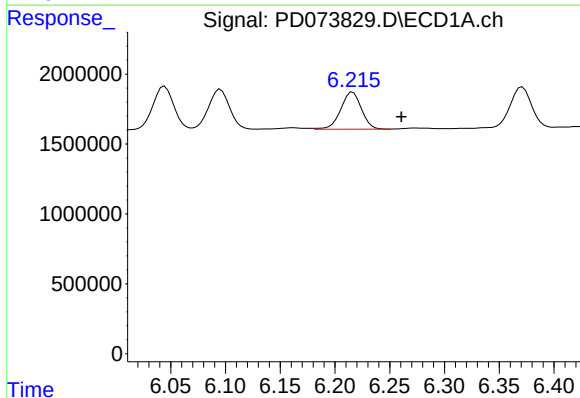
R.T.: 7.672 min  
Delta R.T.: 0.003 min  
Response: 4289271  
Conc: 1.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



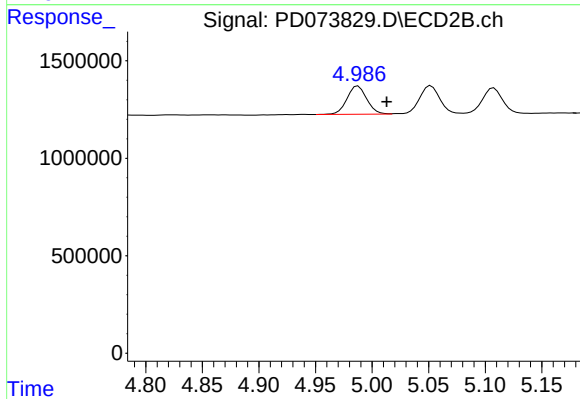
#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 1740972  
Conc: 1.16 ng/ml



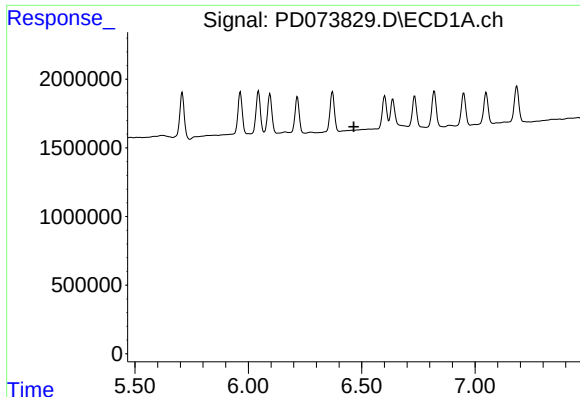
#22 Toxaphene-1

R.T.: 6.216 min  
Delta R.T.: -0.044 min  
Response: 3508433  
Conc: 155.90 ng/ml



#22 Toxaphene-1

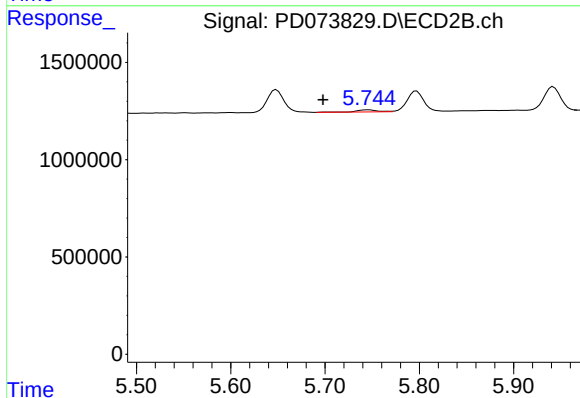
R.T.: 4.988 min  
Delta R.T.: -0.025 min  
Response: 1769630  
Conc: 201.63 ng/ml



#23 Toxaphene-2

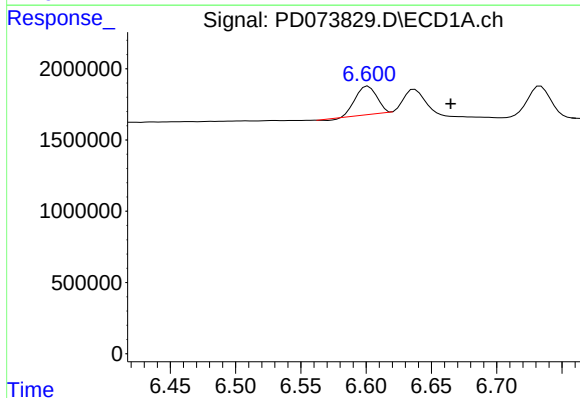
R.T.: 0.000 min  
Exp R.T.: 6.465 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



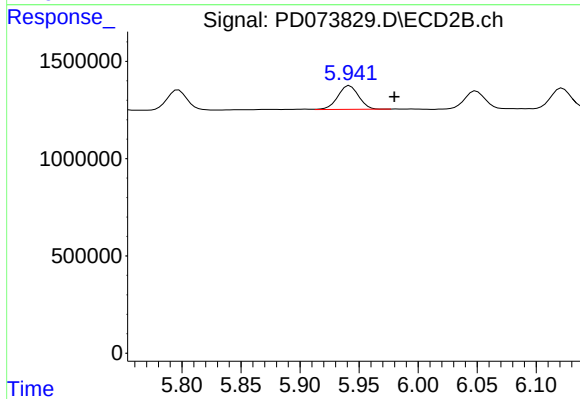
#23 Toxaphene-2

R.T.: 5.746 min  
Delta R.T.: 0.048 min  
Response: 172464  
Conc: 20.82 ng/ml



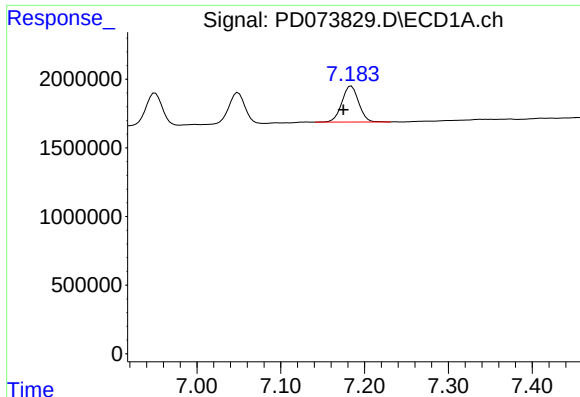
#24 Toxaphene-3

R.T.: 6.601 min  
Delta R.T.: -0.063 min  
Response: 2210114  
Conc: 105.11 ng/ml



#24 Toxaphene-3

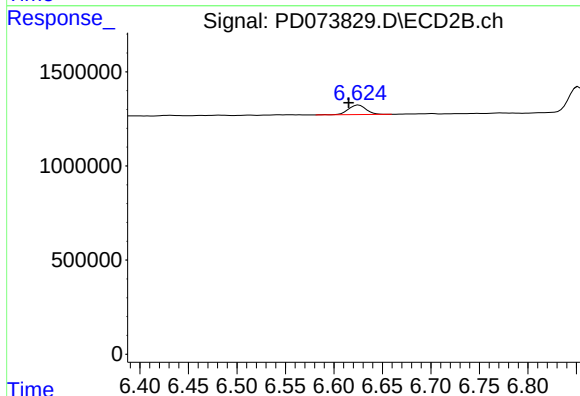
R.T.: 5.942 min  
Delta R.T.: -0.038 min  
Response: 1508225  
Conc: 156.47 ng/ml



#25 Toxaphene-4

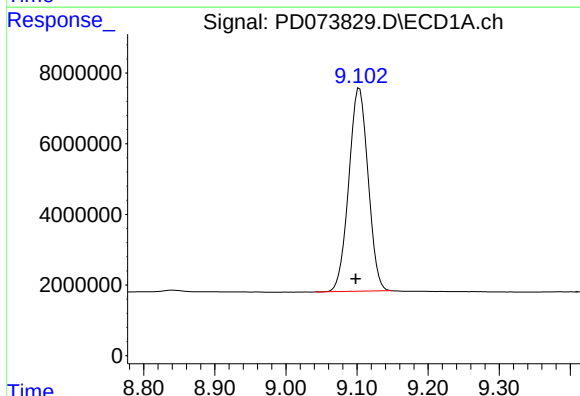
R.T.: 7.184 min  
Delta R.T.: 0.010 min  
Response: 3663480  
Conc: 58.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



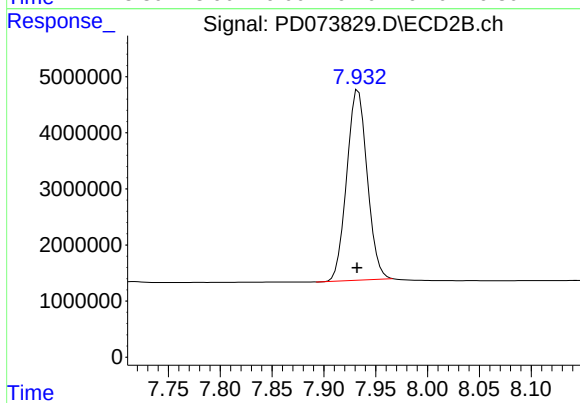
#25 Toxaphene-4

R.T.: 6.626 min  
Delta R.T.: 0.010 min  
Response: 637419  
Conc: 21.46 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.103 min  
Delta R.T.: 0.005 min  
Response: 108594619  
Conc: 39.36 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.933 min  
Delta R.T.: 0.001 min  
Response: 46669029  
Conc: 38.78 ng/ml