

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031523\  
 Data File : PD074239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2023 15:11  
 Operator : AR\AJ  
 Sample : 01627-07  
 Misc : PEST LOD 1PPB WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 21:56:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 15 12:23:31 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... | 3.556 | 2.769 | 44952138 | 22287014 | 19.271 | 18.313   |
| 28)                         | SA Decachlor... | 9.105 | 7.928 | 55317192 | 25489296 | 20.683 | 20.775   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.012 | 3.273 | 3476747  | 1620087  | 0.896  | 0.872    |
| 3)                          | MA gamma-BHC... | 4.346 | 3.604 | 3078877  | 1847268  | 0.878  | 1.078    |
| 4)                          | MA Heptachlor   | 4.939 | 3.946 | 4151272  | 1656933  | 1.212  | 0.971    |
| 5)                          | MB Aldrin       | 5.283 | 4.227 | 3919733  | 1791656  | 1.164  | 1.062    |
| 6)                          | B beta-BHC      | 4.541 | 3.901 | 1693300  | 993557   | 1.146  | 1.316    |
| 7)                          | B delta-BHC     | 4.789 | 4.131 | 8520054  | 1600229  | 3.105  | 0.940 #  |
| 8)                          | B Heptachlo...  | 5.709 | 4.730 | 5519372  | 1574088  | 1.962  | 1.025 #  |
| 9)                          | A Endosulfan I  | 6.097 | 5.101 | 3603900  | 1413036  | 1.268  | 0.982    |
| 10)                         | B gamma-Chl...  | 5.966 | 4.982 | 3717408  | 1627203  | 1.239  | 1.048    |
| 11)                         | B alpha-Chl...  | 6.046 | 5.046 | 3738314  | 1645897  | 1.240  | 1.069    |
| 12)                         | B 4,4'-DDE      | 6.218 | 5.236 | 3141598  | 1313684  | 1.139  | 0.931    |
| 13)                         | MA Dieldrin     | 6.372 | 5.367 | 3590449  | 1476240  | 1.217  | 0.982    |
| 14)                         | MA Endrin       | 6.603 | 5.643 | 2806320  | 1425703  | 1.129  | 1.091    |
| 15)                         | B Endosulfa...  | 6.822 | 5.937 | 4219880  | 1272797  | 1.638  | 1.012 #  |
| 16)                         | A 4,4'-DDD      | 6.736 | 5.792 | 4860167  | 1339925  | 2.167  | 1.148 #  |
| 17)                         | MA 4,4'-DDT     | 7.052 | 6.044 | 2753628  | 1181999  | 1.080  | 0.963    |
| 18)                         | B Endrin al...  | 6.952 | 6.117 | 2620815  | 1268894  | 1.311  | 1.249    |
| 19)                         | B Endosulfa...  | 7.187 | 6.340 | 3231778  | 1430841  | 1.309  | 1.172    |
| 20)                         | A Methoxychlor  | 7.527 | 6.620 | 1859547  | 765440   | 1.329  | 1.131    |
| 21)                         | B Endrin ke...  | 7.675 | 6.847 | 6659460  | 1707818  | 2.392  | 1.158 #  |
| 22)                         | Mirex           | 8.150 | 7.031 | 3212222  | 1711594  | 1.513  | 1.507    |
| 25)                         | Chlordane-3     | 5.966 | 4.982 | 3717408  | 1627203  | 7.694  | 9.514    |
| 26)                         | Chlordane-4     | 6.046 | 5.046 | 3738314  | 1645897  | 6.353  | 10.079 # |
| 27)                         | Chlordane-5     | 0.000 | 5.937 | 0        | 1272797  | N.D.   | 20.672 # |
| -----                       |                 |       |       |          |          |        |          |

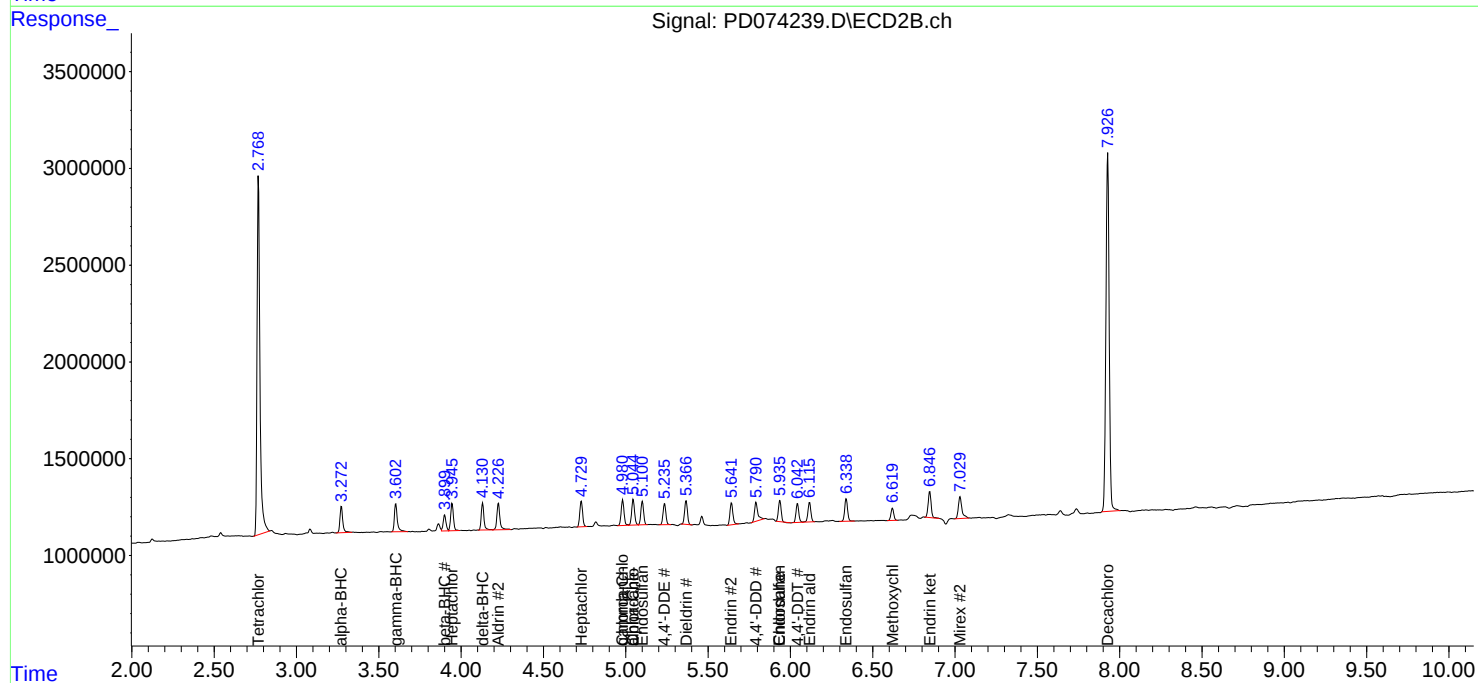
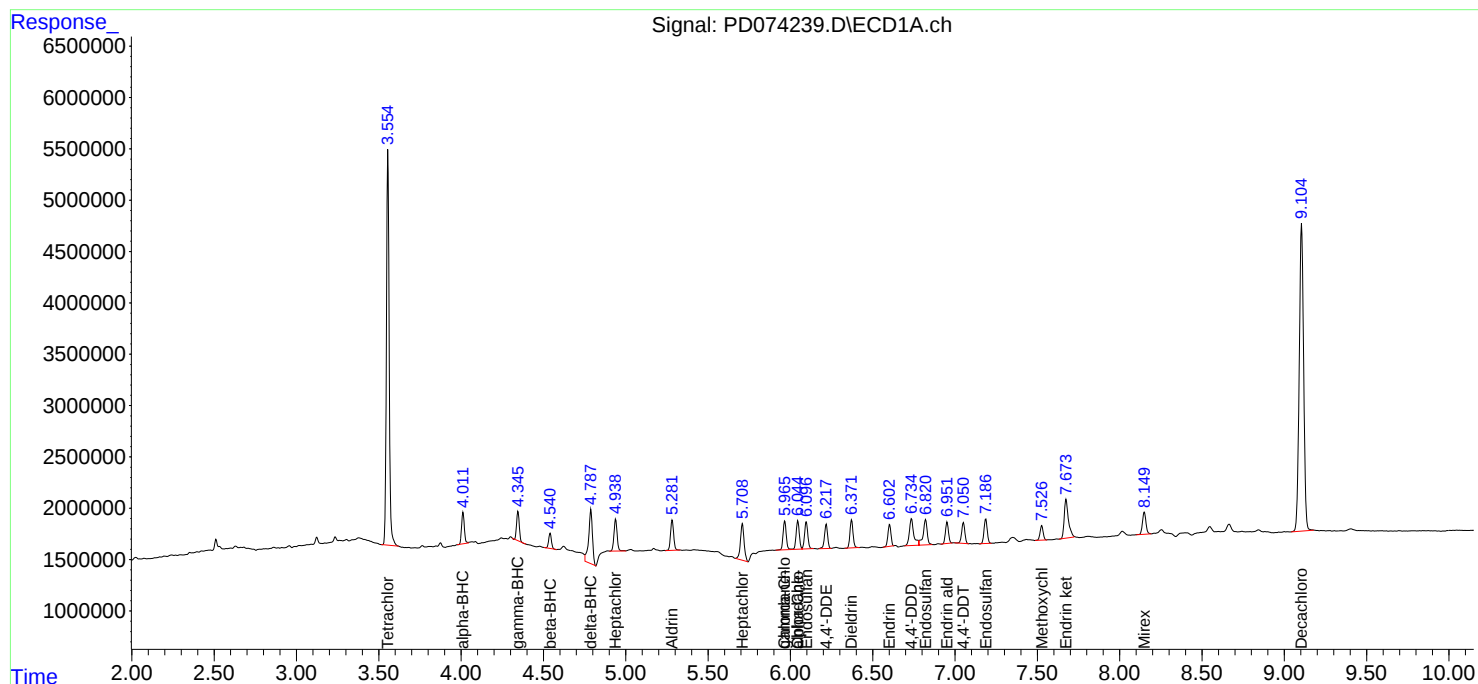
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

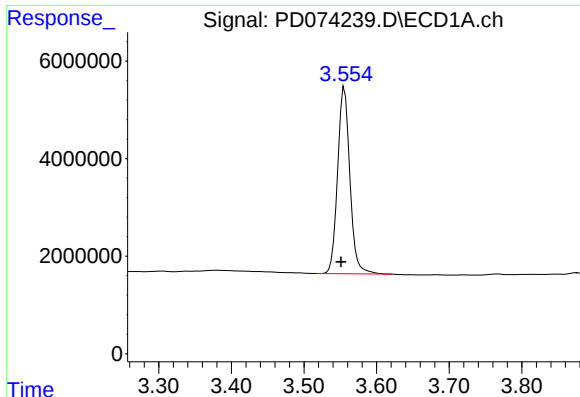
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031523\  
Data File : PD074239.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2023 15:11  
Operator : AR\AJ  
Sample : 01627-07  
Misc : PEST LOD 1PPB WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 21:56:54 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 15 12:23:31 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

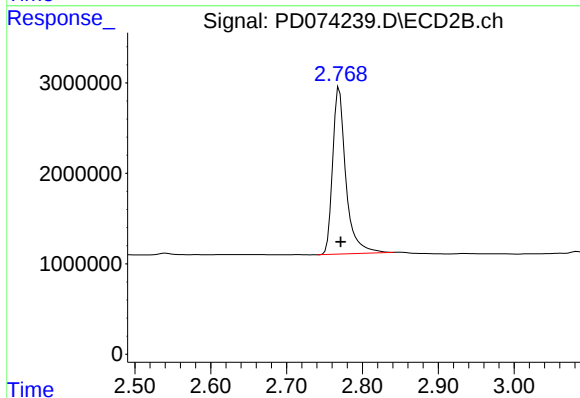




#1 Tetrachloro-m-xylene

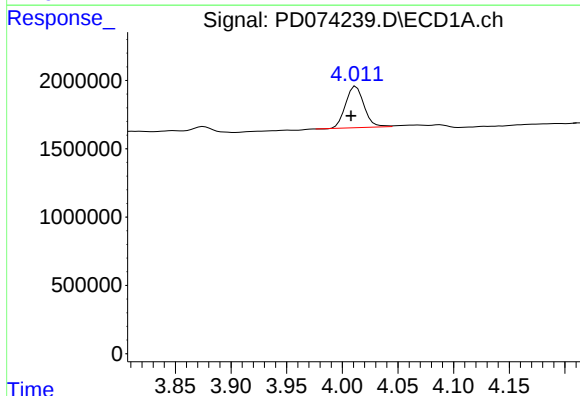
R.T.: 3.556 min  
Delta R.T.: 0.005 min  
Response: 44952138  
Conc: 19.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



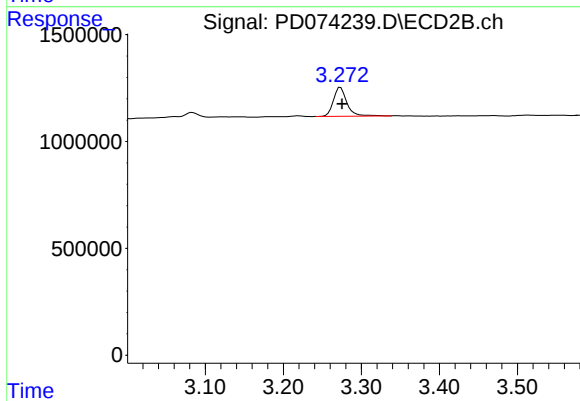
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.002 min  
Response: 22287014  
Conc: 18.31 ng/ml



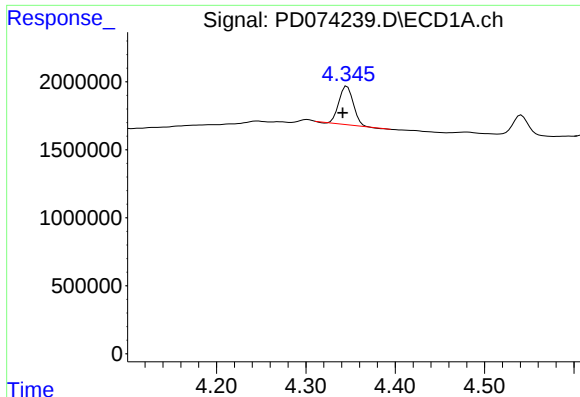
#2 alpha-BHC

R.T.: 4.012 min  
Delta R.T.: 0.004 min  
Response: 3476747  
Conc: 0.90 ng/ml



#2 alpha-BHC

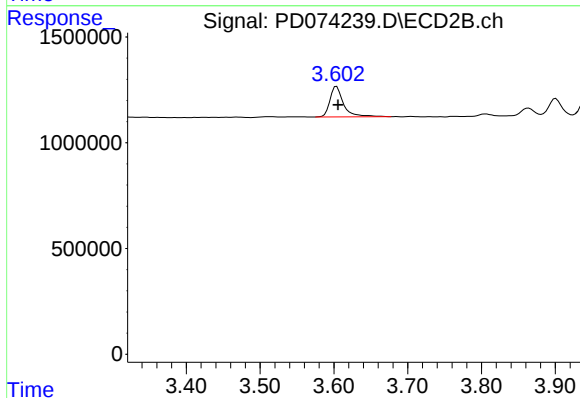
R.T.: 3.273 min  
Delta R.T.: -0.002 min  
Response: 1620087  
Conc: 0.87 ng/ml



#3 gamma-BHC (Lindane)

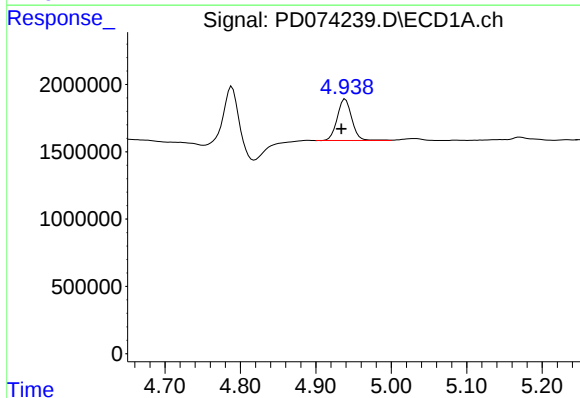
R.T.: 4.346 min  
Delta R.T.: 0.005 min  
Response: 3078877  
Conc: 0.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



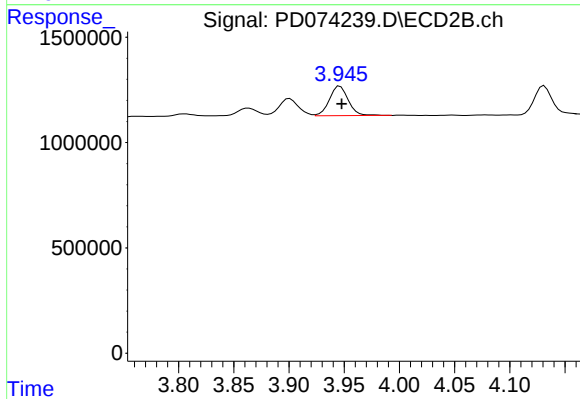
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: -0.002 min  
Response: 1847268  
Conc: 1.08 ng/ml



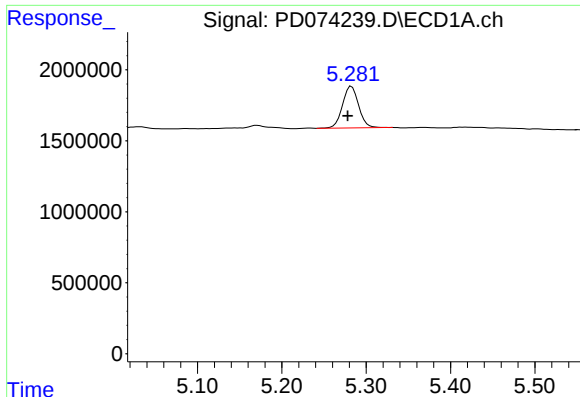
#4 Heptachlor

R.T.: 4.939 min  
Delta R.T.: 0.005 min  
Response: 4151272  
Conc: 1.21 ng/ml



#4 Heptachlor

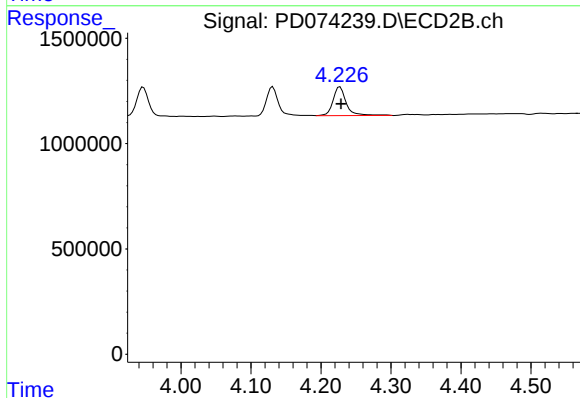
R.T.: 3.946 min  
Delta R.T.: -0.002 min  
Response: 1656933  
Conc: 0.97 ng/ml



#5 Aldrin

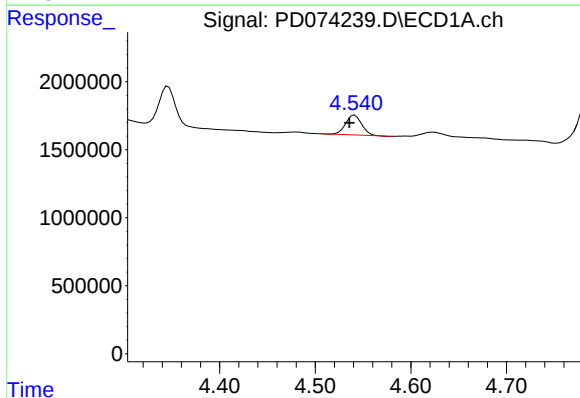
R.T.: 5.283 min  
Delta R.T.: 0.004 min  
Response: 3919733  
Conc: 1.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



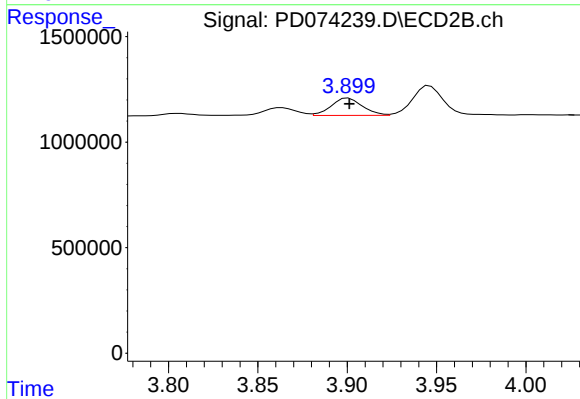
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.001 min  
Response: 1791656  
Conc: 1.06 ng/ml



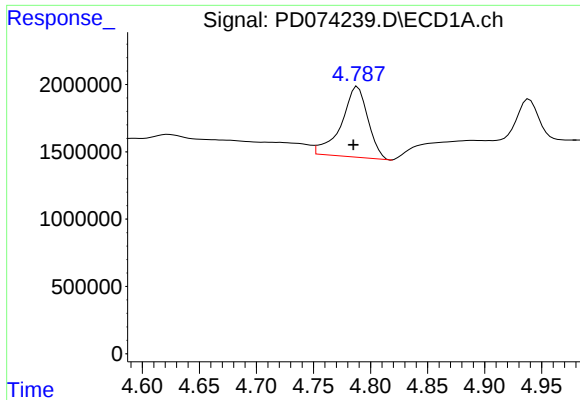
#6 beta-BHC

R.T.: 4.541 min  
Delta R.T.: 0.005 min  
Response: 1693300  
Conc: 1.15 ng/ml



#6 beta-BHC

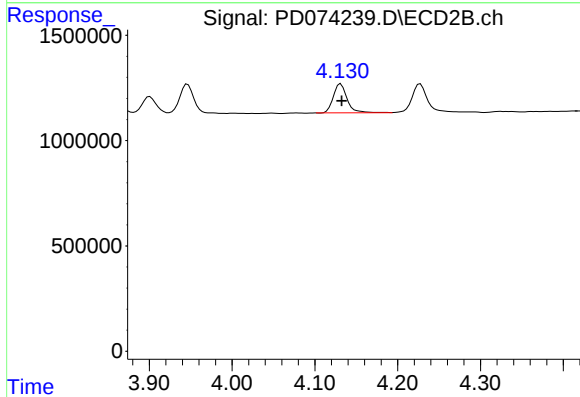
R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 993557  
Conc: 1.32 ng/ml



#7 delta-BHC

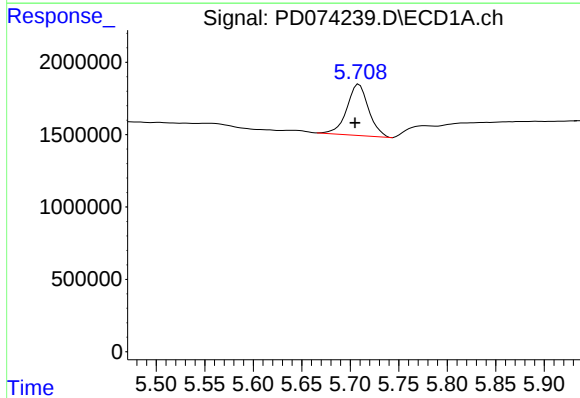
R.T.: 4.789 min  
Delta R.T.: 0.004 min  
Response: 8520054  
Conc: 3.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



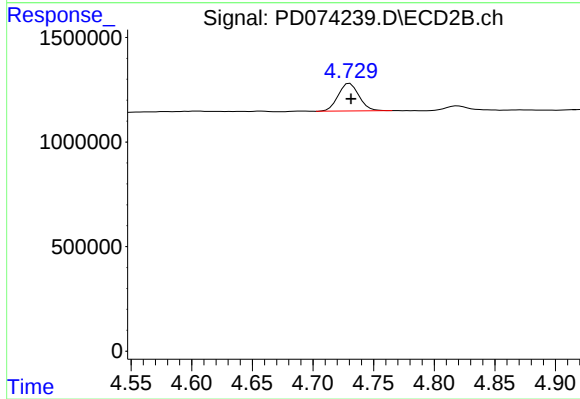
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: -0.001 min  
Response: 1600229  
Conc: 0.94 ng/ml



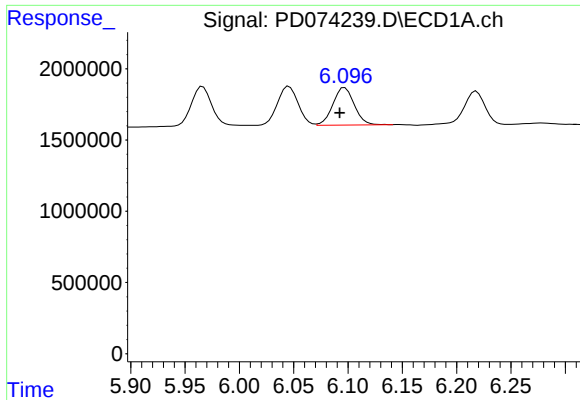
#8 Heptachlor epoxide

R.T.: 5.709 min  
Delta R.T.: 0.004 min  
Response: 5519372  
Conc: 1.96 ng/ml



#8 Heptachlor epoxide

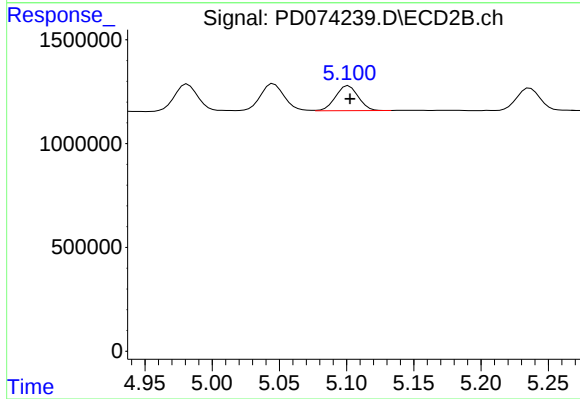
R.T.: 4.730 min  
Delta R.T.: 0.000 min  
Response: 1574088  
Conc: 1.03 ng/ml



#9 Endosulfan I

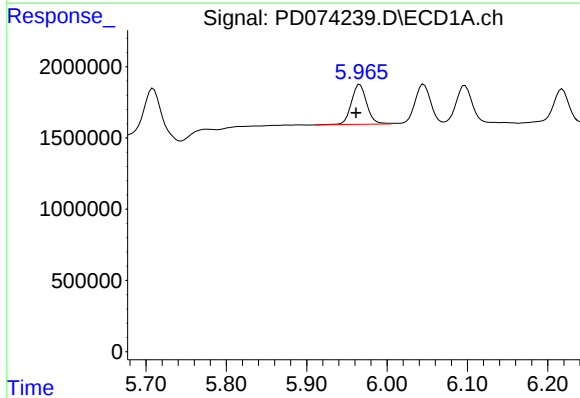
R.T.: 6.097 min  
Delta R.T.: 0.005 min  
Response: 3603900  
Conc: 1.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



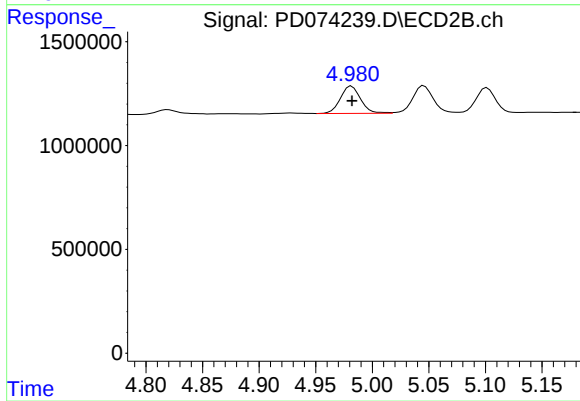
#9 Endosulfan I

R.T.: 5.101 min  
Delta R.T.: -0.001 min  
Response: 1413036  
Conc: 0.98 ng/ml



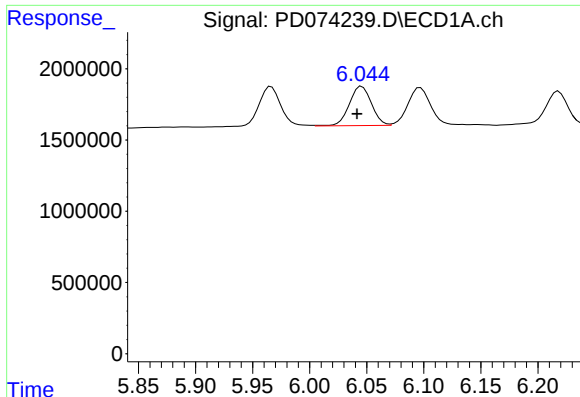
#10 gamma-Chlordane

R.T.: 5.966 min  
Delta R.T.: 0.005 min  
Response: 3717408  
Conc: 1.24 ng/ml



#10 gamma-Chlordane

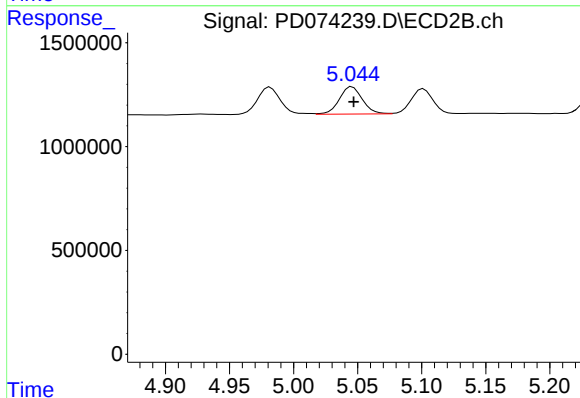
R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 1627203  
Conc: 1.05 ng/ml



#11 alpha-Chlordane

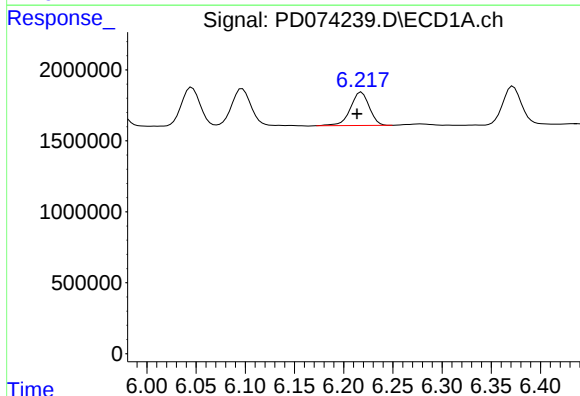
R.T.: 6.046 min  
Delta R.T.: 0.004 min  
Response: 3738314  
Conc: 1.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



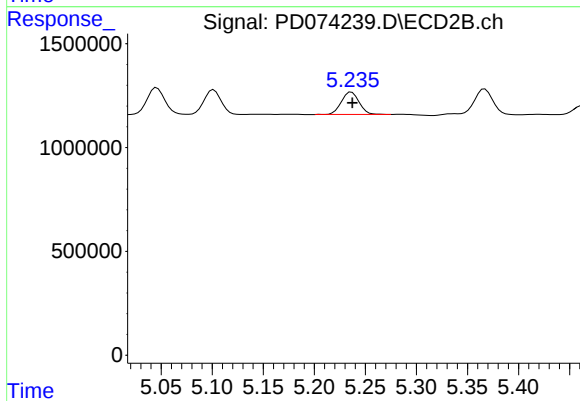
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: -0.001 min  
Response: 1645897  
Conc: 1.07 ng/ml



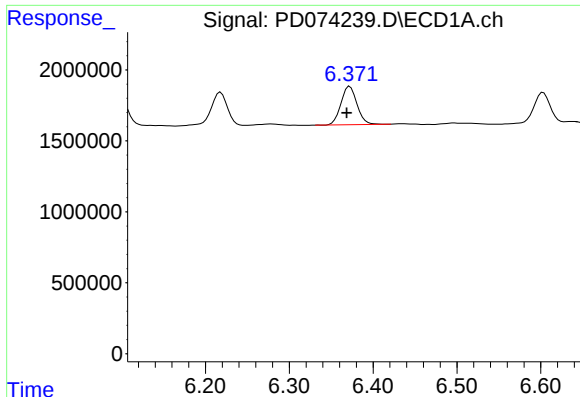
#12 4,4'-DDE

R.T.: 6.218 min  
Delta R.T.: 0.005 min  
Response: 3141598  
Conc: 1.14 ng/ml



#12 4,4'-DDE

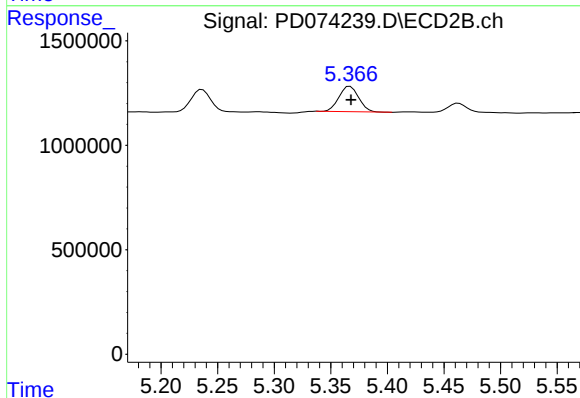
R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 1313684  
Conc: 0.93 ng/ml



#13 Dieldrin

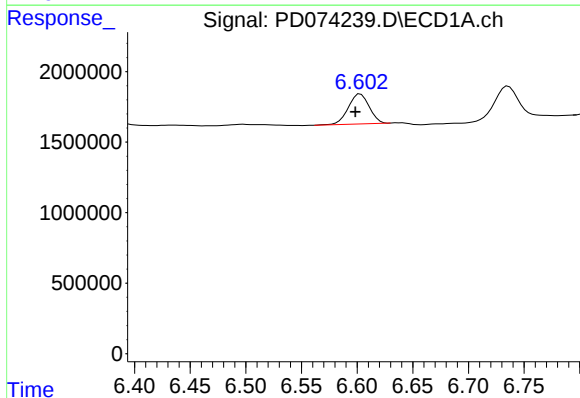
R.T.: 6.372 min  
Delta R.T.: 0.004 min  
Response: 3590449  
Conc: 1.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



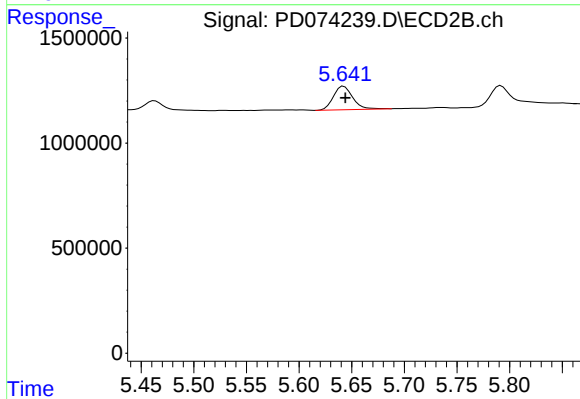
#13 Dieldrin

R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 1476240  
Conc: 0.98 ng/ml



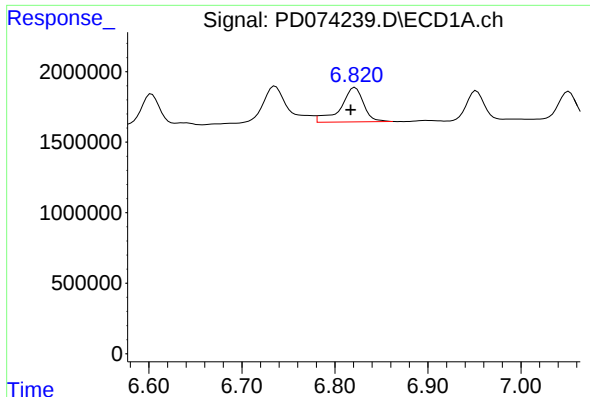
#14 Endrin

R.T.: 6.603 min  
Delta R.T.: 0.005 min  
Response: 2806320  
Conc: 1.13 ng/ml



#14 Endrin

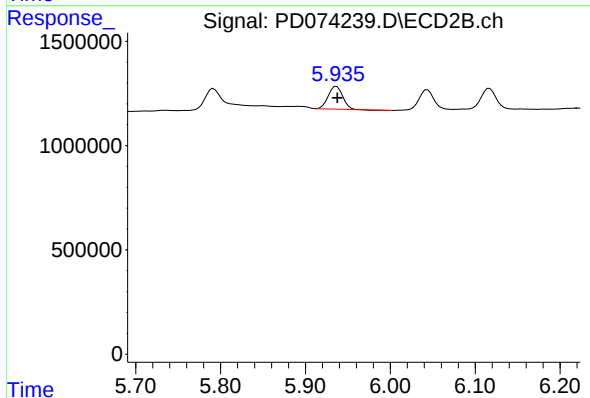
R.T.: 5.643 min  
Delta R.T.: -0.002 min  
Response: 1425703  
Conc: 1.09 ng/ml



#15 Endosulfan II

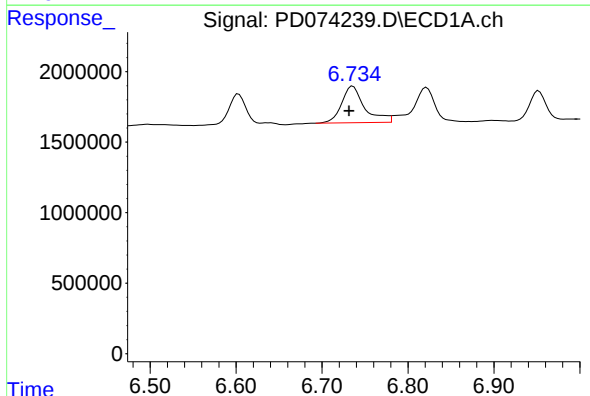
R.T.: 6.822 min  
Delta R.T.: 0.005 min  
Response: 4219880  
Conc: 1.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



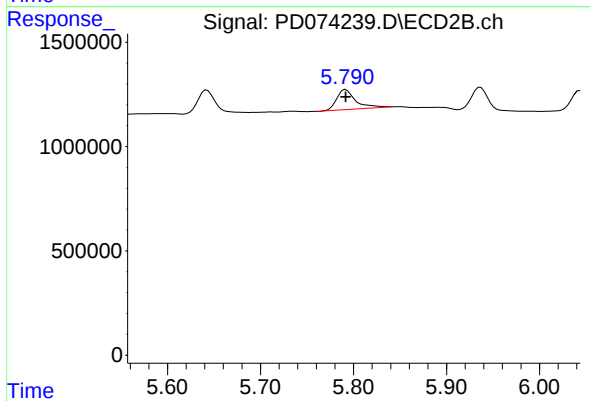
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 1272797  
Conc: 1.01 ng/ml



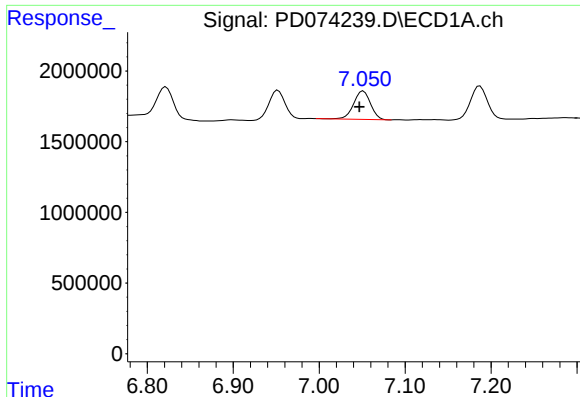
#16 4,4'-DDD

R.T.: 6.736 min  
Delta R.T.: 0.004 min  
Response: 4860167  
Conc: 2.17 ng/ml



#16 4,4'-DDD

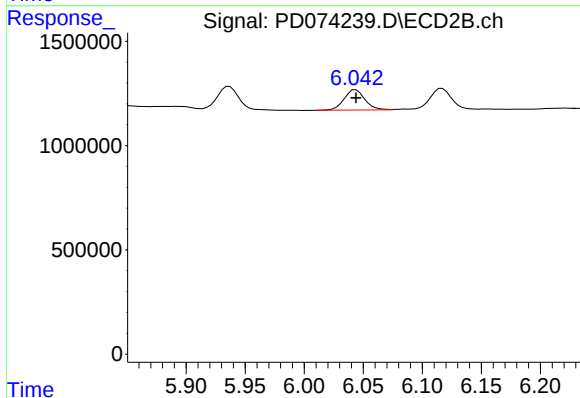
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 1339925  
Conc: 1.15 ng/ml



#17 4,4'-DDT

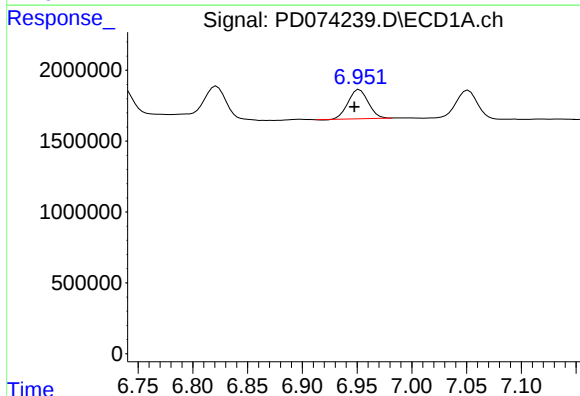
R.T.: 7.052 min  
Delta R.T.: 0.005 min  
Response: 2753628  
Conc: 1.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



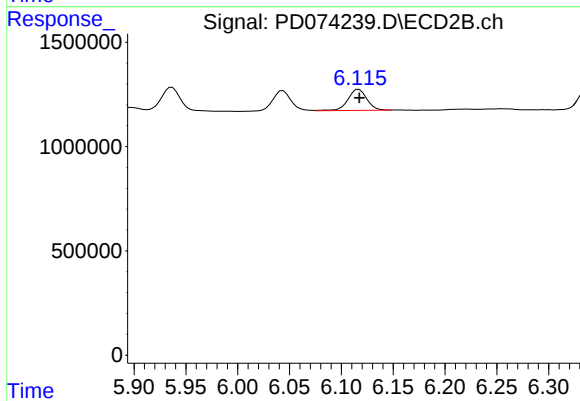
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 1181999  
Conc: 0.96 ng/ml



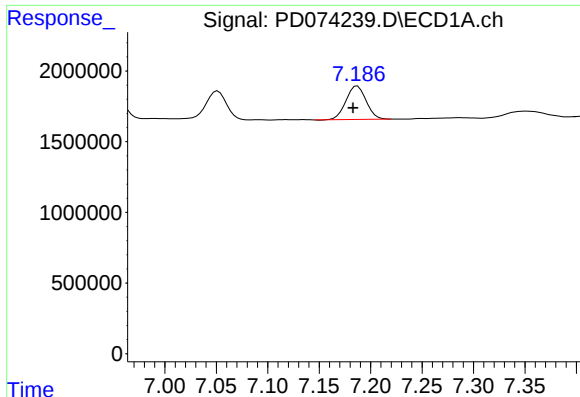
#18 Endrin aldehyde

R.T.: 6.952 min  
Delta R.T.: 0.004 min  
Response: 2620815  
Conc: 1.31 ng/ml



#18 Endrin aldehyde

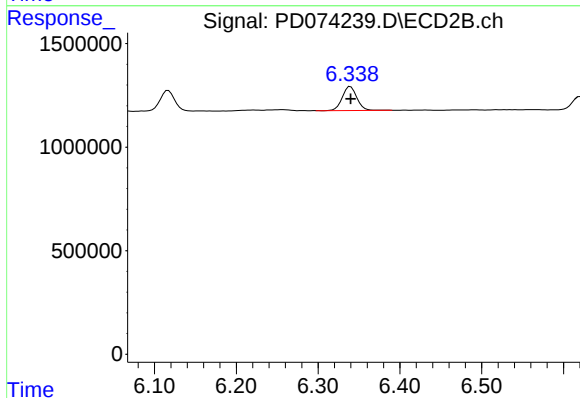
R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 1268894  
Conc: 1.25 ng/ml



#19 Endosulfan Sulfate

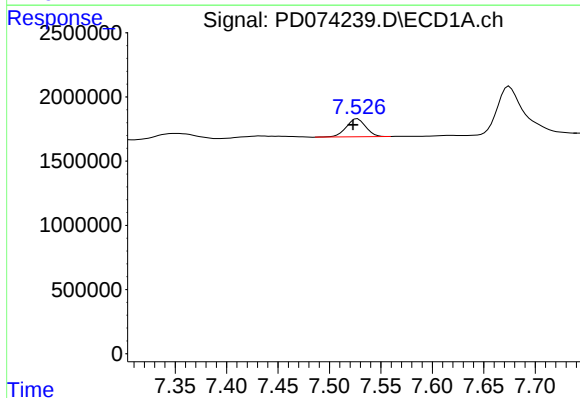
R.T.: 7.187 min  
Delta R.T.: 0.004 min  
Response: 3231778  
Conc: 1.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



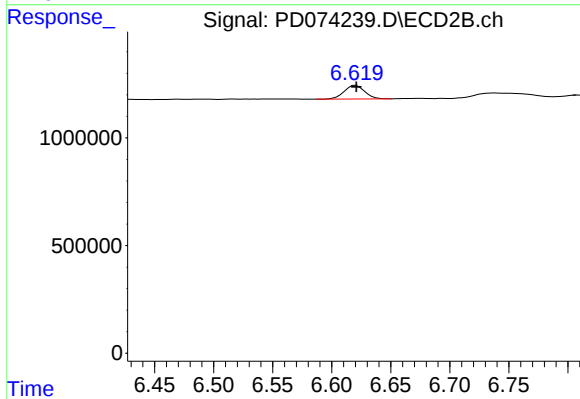
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 1430841  
Conc: 1.17 ng/ml



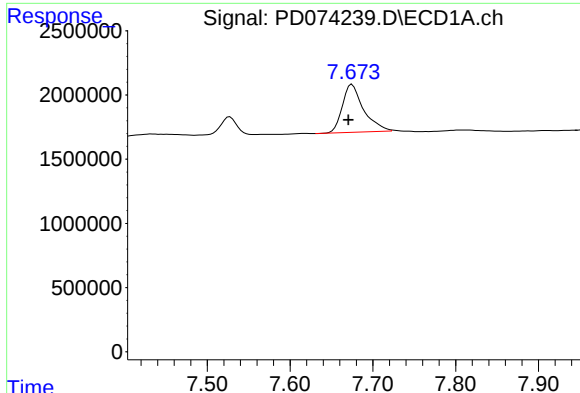
#20 Methoxychlor

R.T.: 7.527 min  
Delta R.T.: 0.004 min  
Response: 1859547  
Conc: 1.33 ng/ml



#20 Methoxychlor

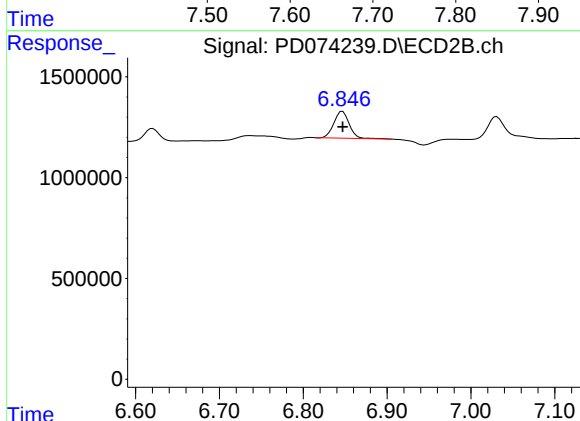
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 765440  
Conc: 1.13 ng/ml



#21 Endrin ketone

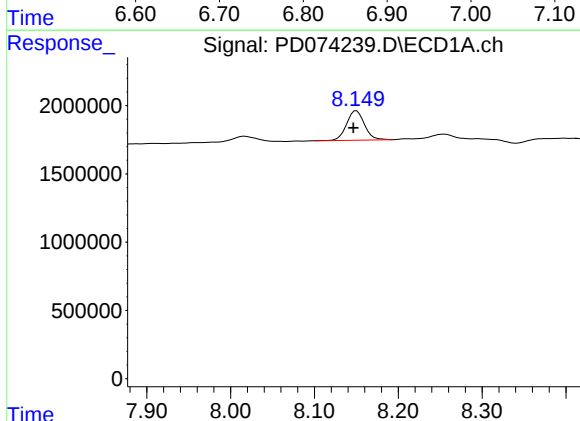
R.T.: 7.675 min  
Delta R.T.: 0.005 min  
Response: 6659460  
Conc: 2.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



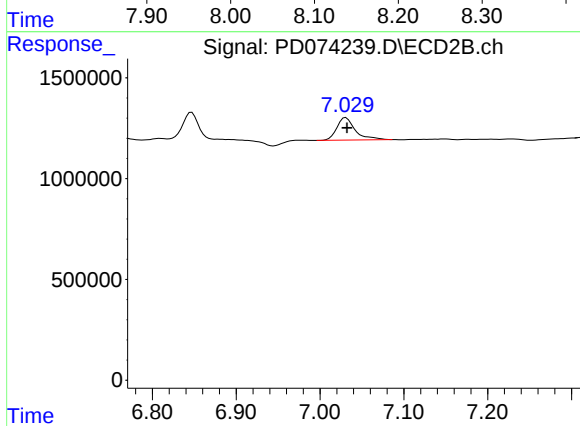
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 1707818  
Conc: 1.16 ng/ml



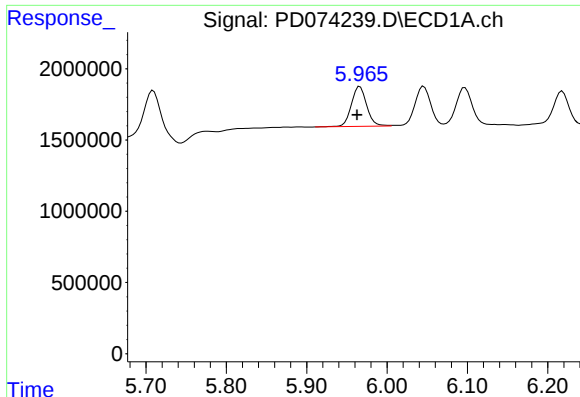
#22 Mirex

R.T.: 8.150 min  
Delta R.T.: 0.004 min  
Response: 3212222  
Conc: 1.51 ng/ml



#22 Mirex

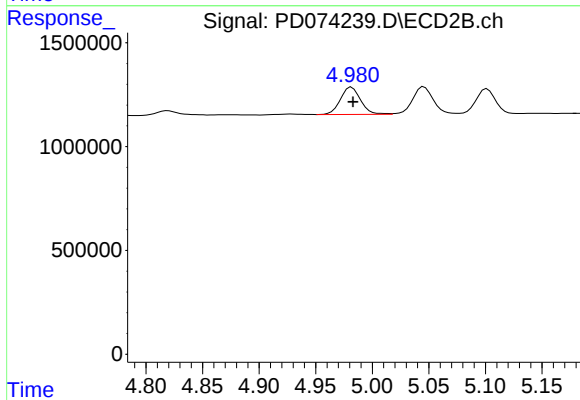
R.T.: 7.031 min  
Delta R.T.: -0.001 min  
Response: 1711594  
Conc: 1.51 ng/ml



#25 Chlordane-3

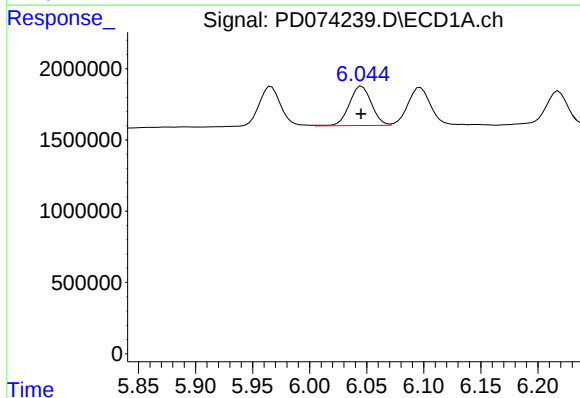
R.T.: 5.966 min  
Delta R.T.: 0.004 min  
Response: 3717408  
Conc: 7.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



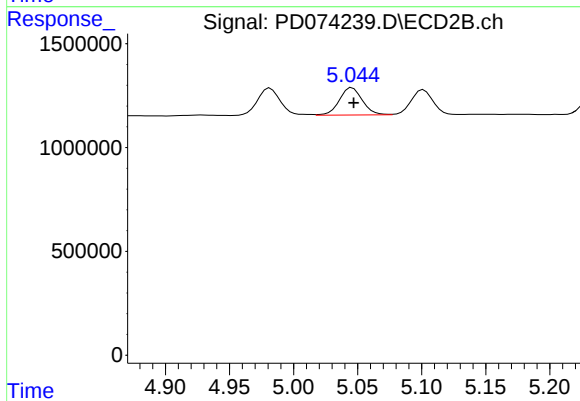
#25 Chlordane-3

R.T.: 4.982 min  
Delta R.T.: -0.002 min  
Response: 1627203  
Conc: 9.51 ng/ml



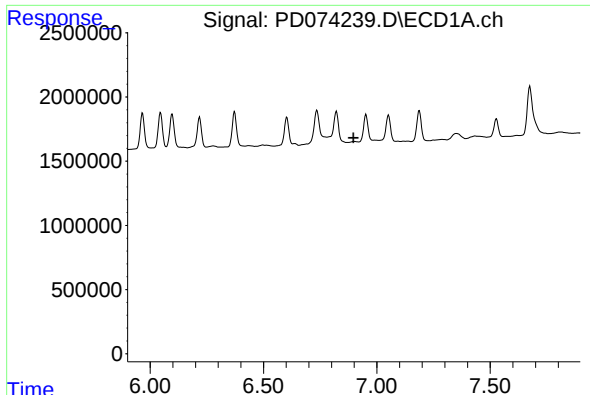
#26 Chlordane-4

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 3738314  
Conc: 6.35 ng/ml



#26 Chlordane-4

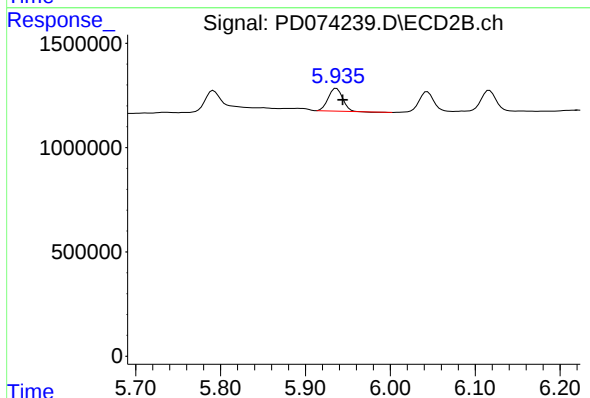
R.T.: 5.046 min  
Delta R.T.: -0.001 min  
Response: 1645897  
Conc: 10.08 ng/ml



#27 Chlordane-5

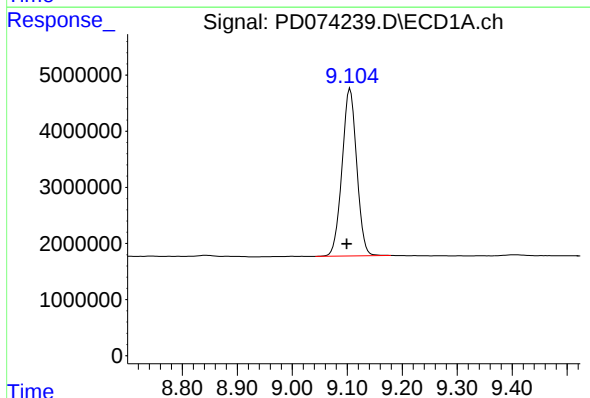
R.T.: 0.000 min  
Exp R.T.: 6.898 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



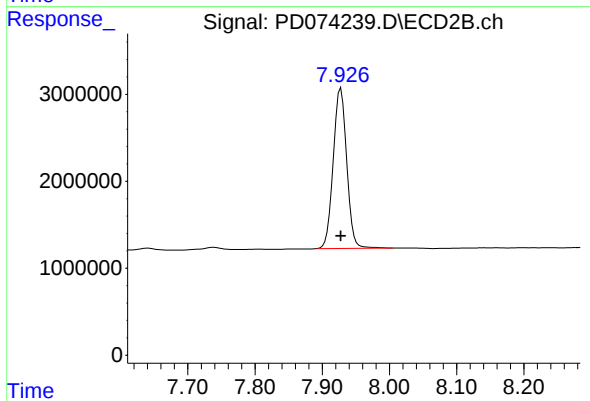
#27 Chlordane-5

R.T.: 5.937 min  
Delta R.T.: -0.007 min  
Response: 1272797  
Conc: 20.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.105 min  
Delta R.T.: 0.006 min  
Response: 55317192  
Conc: 20.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: 0.000 min  
Response: 25489296  
Conc: 20.78 ng/ml