

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080621\  
 Data File : PD064829.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2021 23:44  
 Operator : AR\AJ  
 Sample : INDB348  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 03:02:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 28 07:07:14 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

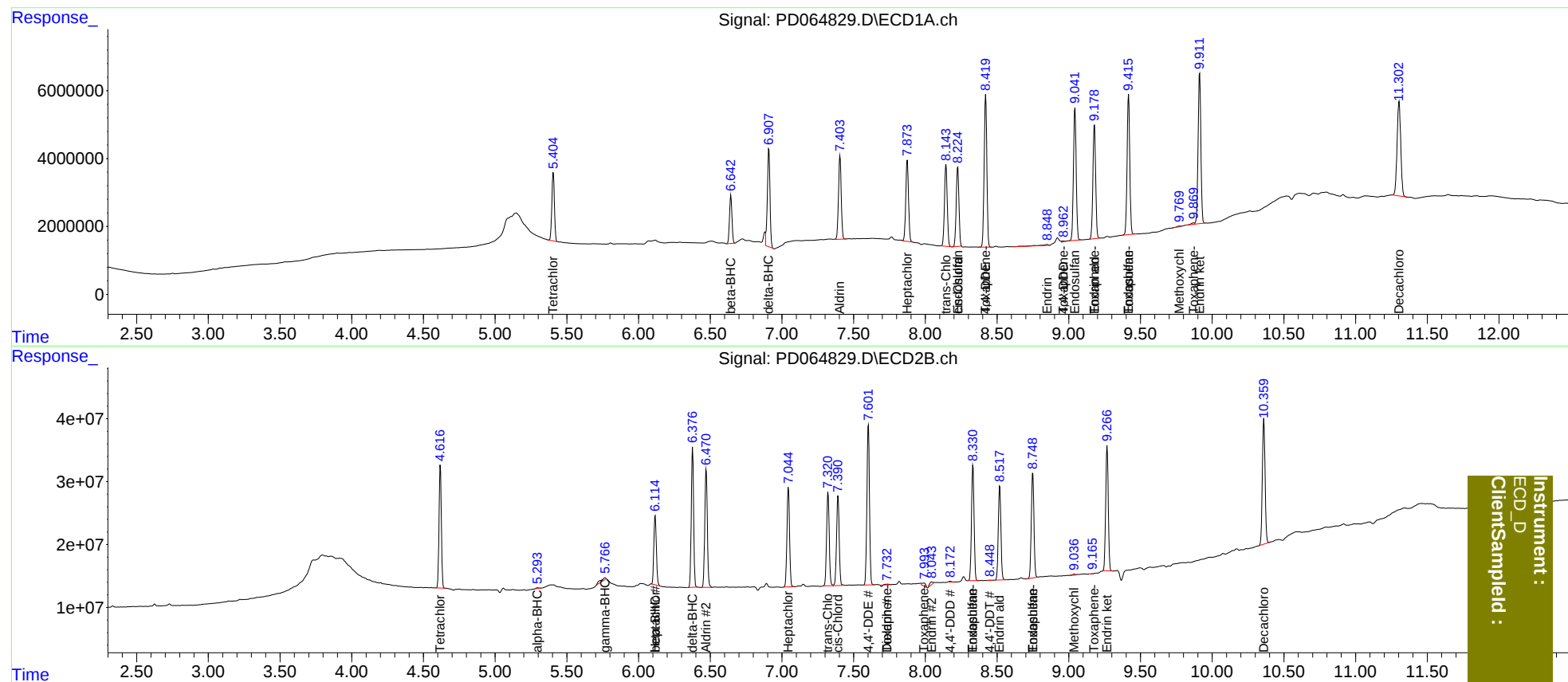
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 5.406  | 4.618  | 24919226 | 218.8E6  | 20.890   | 23.947     |
| 27)                         | SA Decachlor... | 11.303 | 10.360 | 49280727 | 262.1E6  | 37.436   | 44.068     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 0.000  | 5.295f | 0        | 1371880  | N.D.     | 0.111      |
| 3)                          | MA gamma-BHC... | 0.000  | 5.767f | 0        | 12057883 | N.D.     | 1.057      |
| 4)                          | MA Heptachlor   | 0.000  | 6.116f | 0        | 135.0E6  | N.D.     | 11.911     |
| 5)                          | MB Aldrin       | 7.405  | 6.472  | 32145538 | 236.4E6  | 20.408   | 22.473     |
| 6)                          | B beta-BHC      | 6.644  | 6.116  | 16809152 | 135.0E6  | 21.546   | 22.259     |
| 7)                          | B delta-BHC     | 6.909  | 6.377  | 36642289 | 250.3E6  | 21.057   | 23.037     |
| 8)                          | B Heptachlo...  | 7.874  | 7.045  | 31783705 | 198.0E6  | 18.513   | 21.389     |
| 9)                          | A Endosulfan I  | 8.226f | 7.477  | 30975901 | 293652   | 21.974   | <MDL #     |
| 10)                         | B trans-Chl...  | 8.144  | 7.321  | 32324334 | 188.2E6  | 20.172   | 20.751     |
| 11)                         | B cis-Chlor...  | 8.226  | 7.391  | 30975901 | 182.0E6  | 19.880   | 20.459     |
| 12)                         | B 4,4'-DDE      | 8.421  | 7.603  | 58690911 | 315.5E6  | 40.720   | 41.810     |
| 13)                         | MA Dieldrin     | 0.000  | 7.733  | 0        | 963446   | N.D.     | 0.120      |
| 14)                         | MA Endrin       | 8.850f | 8.044  | 983929   | 6862123  | 0.768    | 1.195 #    |
| 15)                         | B Endosulfa...  | 9.043  | 8.332  | 51734287 | 228.1E6  | 39.838   | 39.523     |
| 16)                         | A 4,4'-DDD      | 8.963  | 8.174  | 316667   | 1524338  | 0.258    | 0.265      |
| 17)                         | MA 4,4'-DDT     | 0.000  | 8.449  | 0        | 553881   | N.D.     | 0.101      |
| 18)                         | B Endrin al...  | 9.179  | 8.519  | 44668887 | 189.1E6  | 39.428   | 38.324     |
| 19)                         | B Endosulfa...  | 9.417  | 8.749  | 53702112 | 213.4E6  | 38.966   | 39.587     |
| 20)                         | A Methoxychlor  | 9.771  | 9.039  | 192212   | 2109319  | 0.269    | 0.824 #    |
| 21)                         | B Endrin ke...  | 9.913  | 9.267  | 59507388 | 247.0E6  | 39.334   | 41.178     |
| 22)                         | Toxaphene-1     | 8.421  | 7.733  | 58690911 | 963446   | 6289.748 | 25.606 #   |
| 23)                         | Toxaphene-2     | 8.963  | 7.991  | 316667   | 8990236  | 18.165   | 106.459 #  |
| 24)                         | Toxaphene-3     | 9.179  | 8.332  | 44668887 | 228.1E6  | 3685.037 | 1991.186 # |
| 25)                         | Toxaphene-4     | 9.417  | 8.749  | 53702112 | 213.4E6  | 2235.462 | 3787.976 # |
| 26)                         | Toxaphene-5     | 9.872  | 9.167  | 627250   | 33976    | 33.974   | 0.270 #    |
| -----                       |                 |        |        |          |          |          |            |

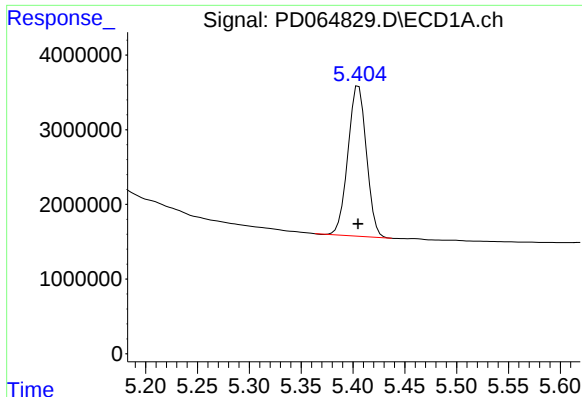
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080621\  
Data File : PD064829.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2021 23:44  
Operator : AR\AJ  
Sample : INDB348  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 03:02:00 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072721CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 28 07:07:14 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

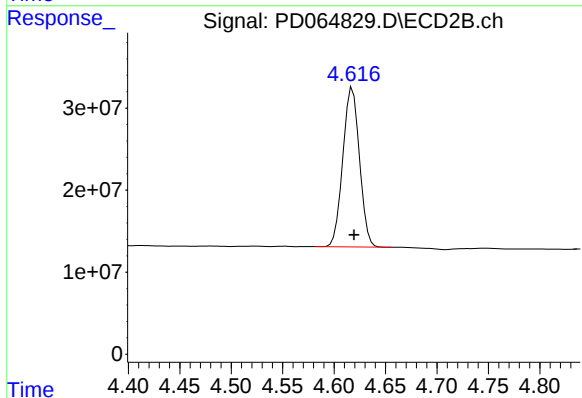




#1 Tetrachloro-m-xylene

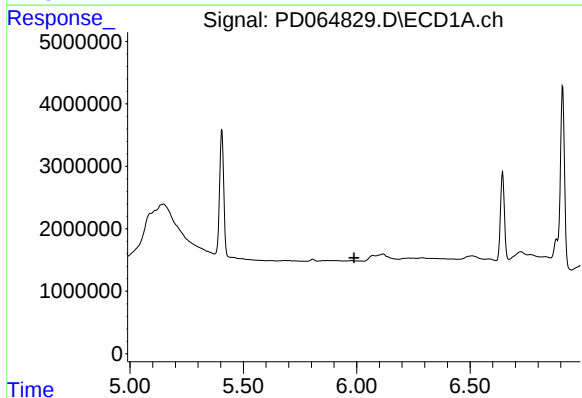
R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 24919226  
Conc: 20.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



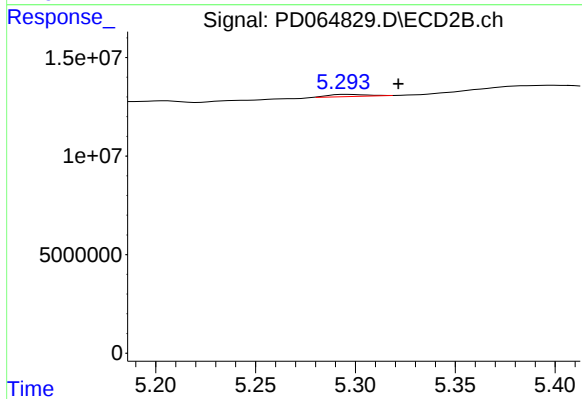
#1 Tetrachloro-m-xylene

R.T.: 4.618 min  
Delta R.T.: -0.002 min  
Response: 218822280  
Conc: 23.95 ng/ml



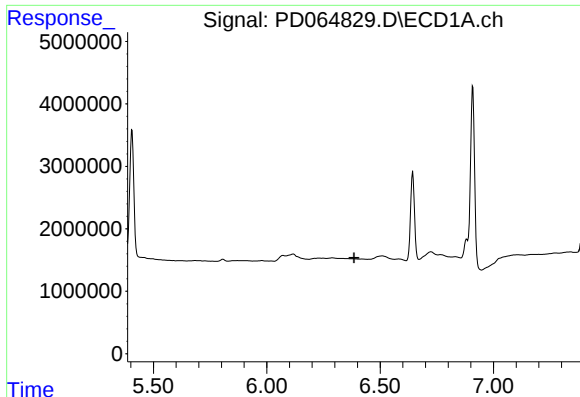
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 5.988 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

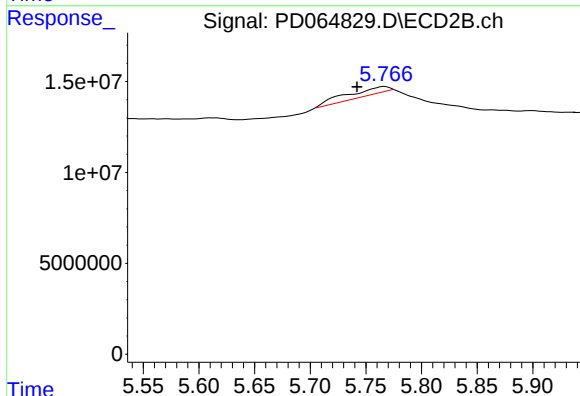
R.T.: 5.295 min  
Delta R.T.: -0.026 min  
Response: 1371880  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

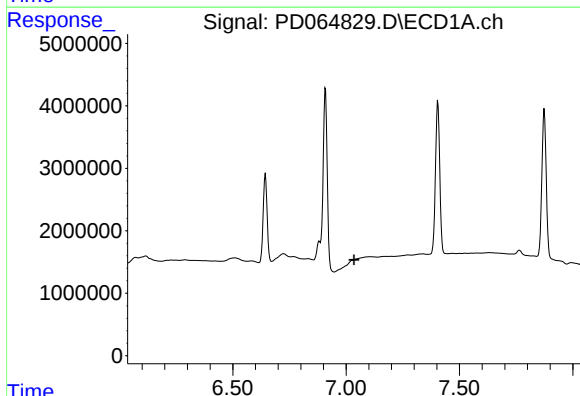
R.T.: 0.000 min  
Exp R.T.: 6.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



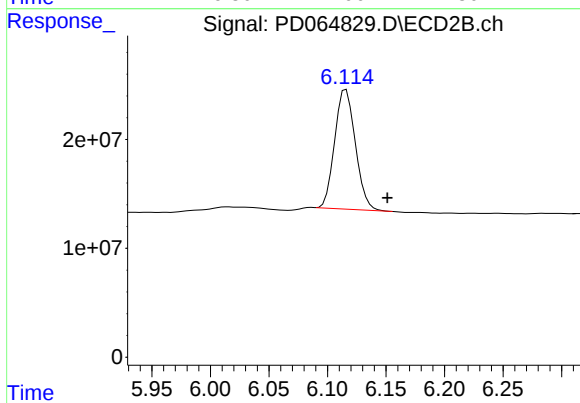
#3 gamma-BHC (Lindane)

R.T.: 5.767 min  
Delta R.T.: 0.025 min  
Response: 12057883  
Conc: 1.06 ng/ml



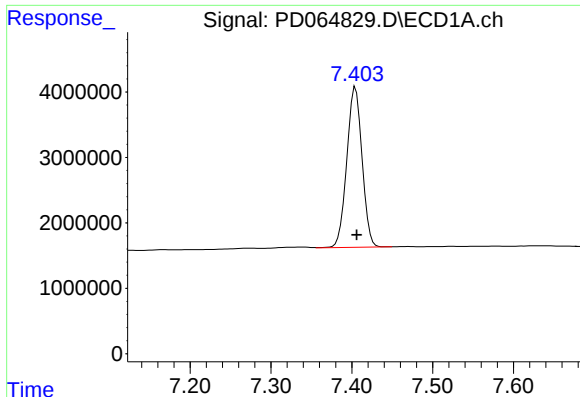
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 7.035 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

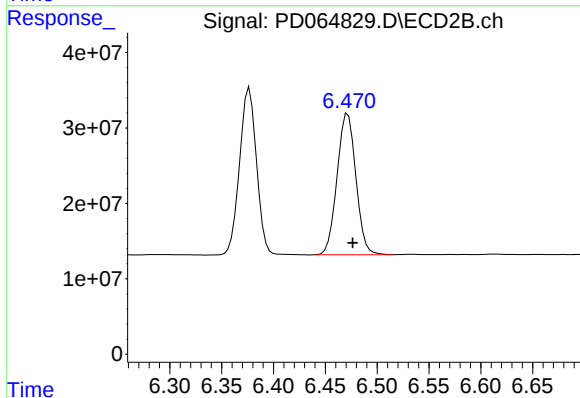
R.T.: 6.116 min  
Delta R.T.: -0.035 min  
Response: 135040894  
Conc: 11.91 ng/ml



#5 Aldrin

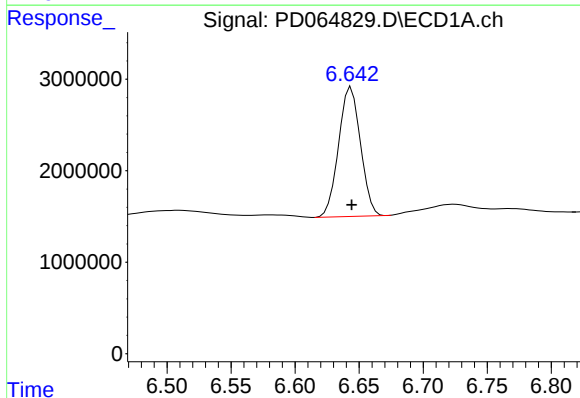
R.T.: 7.405 min  
Delta R.T.: -0.001 min  
Response: 32145538  
Conc: 20.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



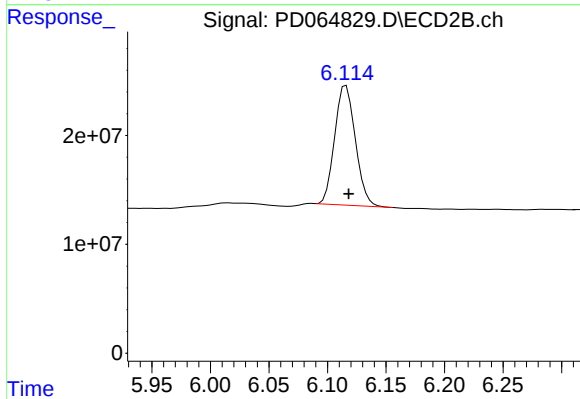
#5 Aldrin

R.T.: 6.472 min  
Delta R.T.: -0.004 min  
Response: 236401927  
Conc: 22.47 ng/ml



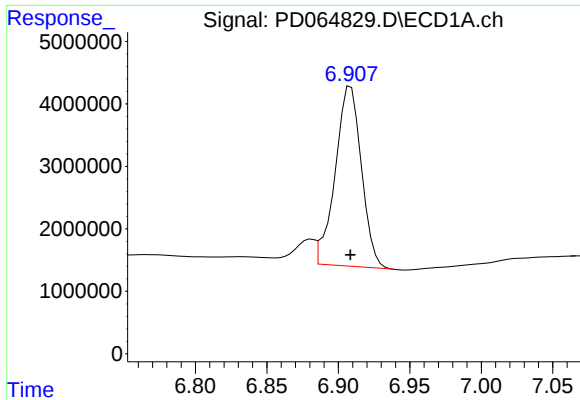
#6 beta-BHC

R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 16809152  
Conc: 21.55 ng/ml



#6 beta-BHC

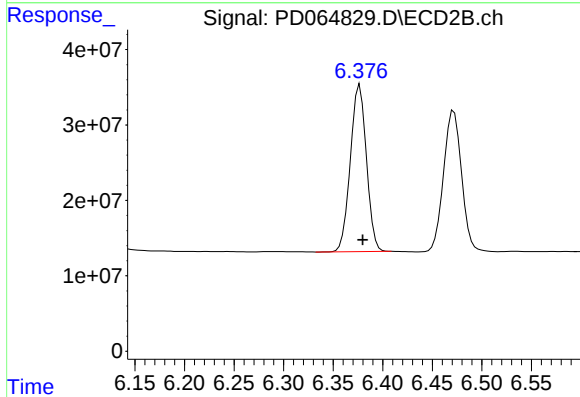
R.T.: 6.116 min  
Delta R.T.: -0.002 min  
Response: 135040894  
Conc: 22.26 ng/ml



#7 delta-BHC

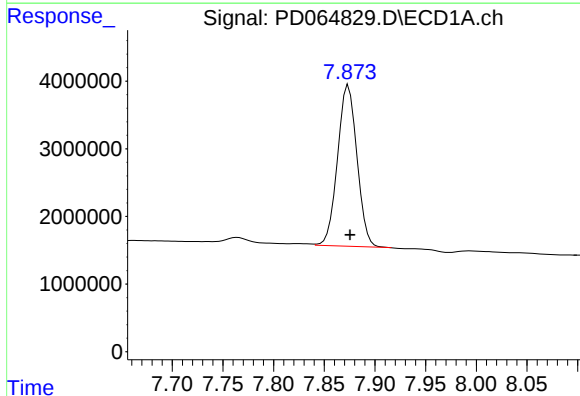
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 36642289  
Conc: 21.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



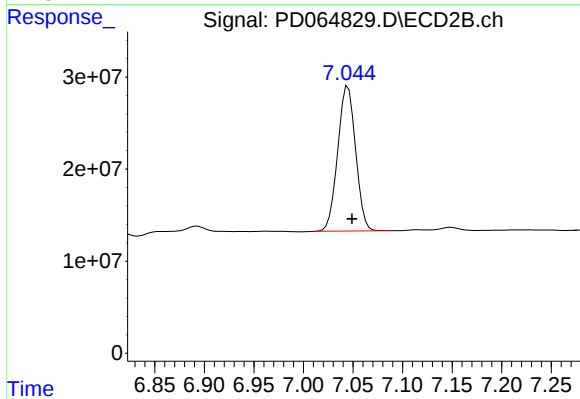
#7 delta-BHC

R.T.: 6.377 min  
Delta R.T.: -0.003 min  
Response: 250267404  
Conc: 23.04 ng/ml



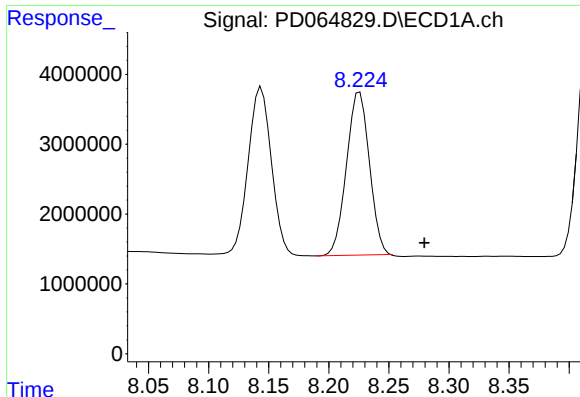
#8 Heptachlor epoxide

R.T.: 7.874 min  
Delta R.T.: -0.002 min  
Response: 31783705  
Conc: 18.51 ng/ml



#8 Heptachlor epoxide

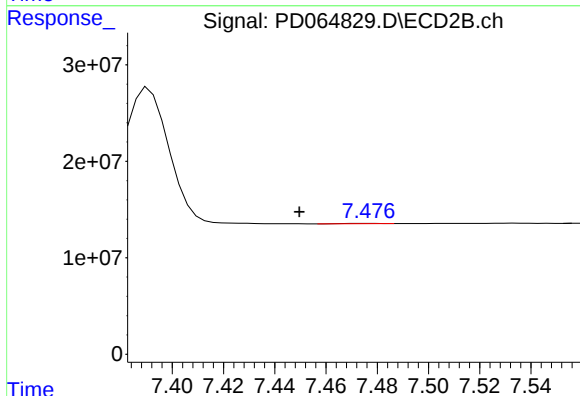
R.T.: 7.045 min  
Delta R.T.: -0.004 min  
Response: 197995049  
Conc: 21.39 ng/ml



#9 Endosulfan I

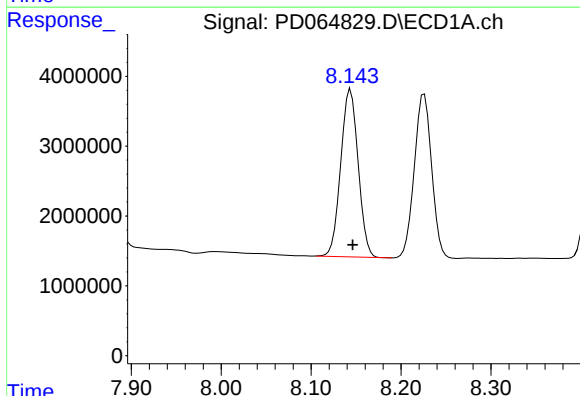
R.T.: 8.226 min  
Delta R.T.: -0.054 min  
Response: 30975901  
Conc: 21.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



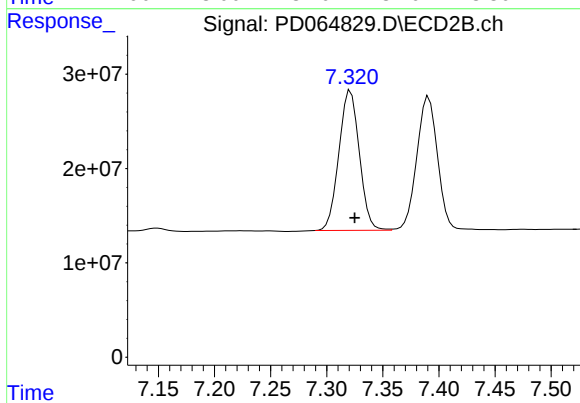
#9 Endosulfan I

R.T.: 7.477 min  
Delta R.T.: 0.027 min  
Response: 293652  
Conc: N.D.



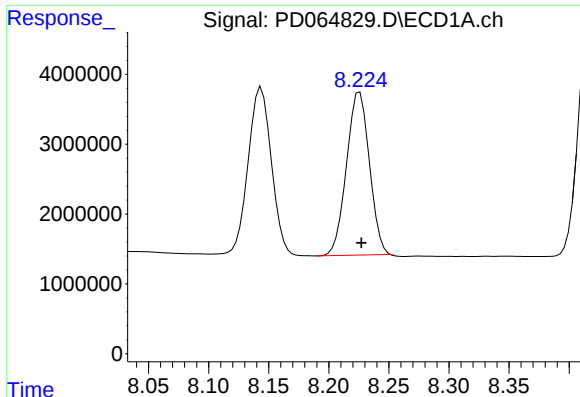
#10 trans-Chlordane

R.T.: 8.144 min  
Delta R.T.: -0.002 min  
Response: 32324334  
Conc: 20.17 ng/ml



#10 trans-Chlordane

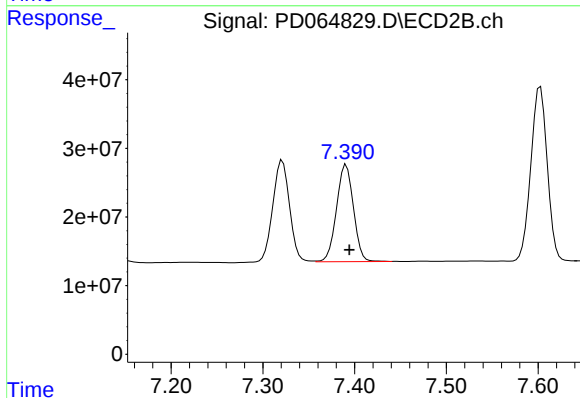
R.T.: 7.321 min  
Delta R.T.: -0.004 min  
Response: 188211372  
Conc: 20.75 ng/ml



#11 cis-Chlordane

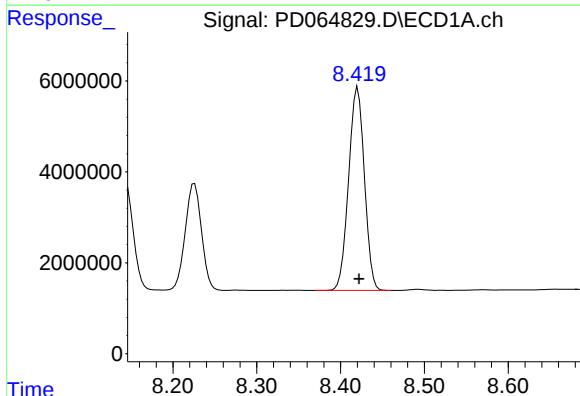
R.T.: 8.226 min  
Delta R.T.: -0.001 min  
Response: 30975901  
Conc: 19.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



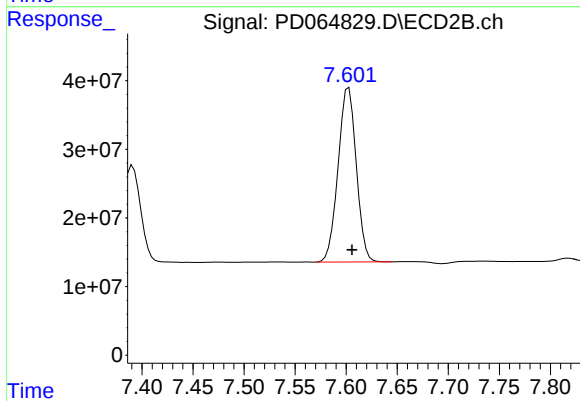
#11 cis-Chlordane

R.T.: 7.391 min  
Delta R.T.: -0.003 min  
Response: 181994975  
Conc: 20.46 ng/ml



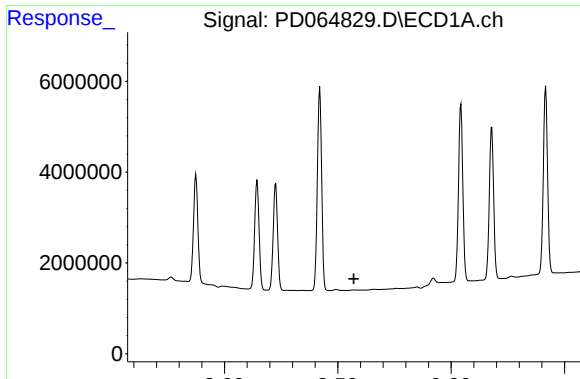
#12 4,4'-DDE

R.T.: 8.421 min  
Delta R.T.: -0.002 min  
Response: 58690911  
Conc: 40.72 ng/ml



#12 4,4'-DDE

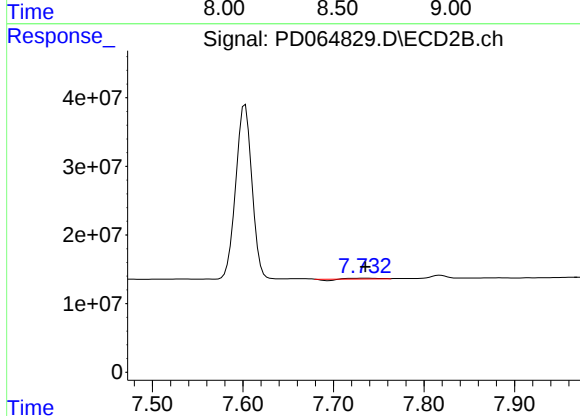
R.T.: 7.603 min  
Delta R.T.: -0.003 min  
Response: 315469152  
Conc: 41.81 ng/ml



#13 Dieldrin

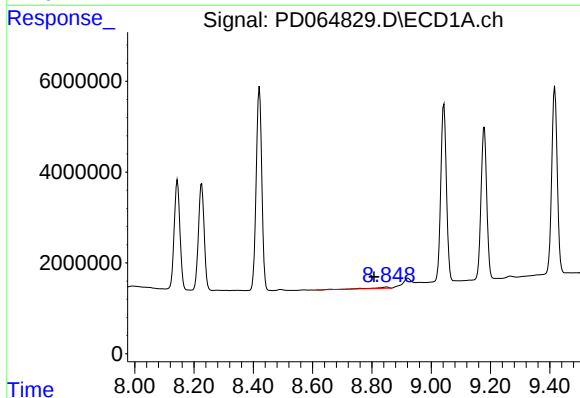
R.T.: 0.000 min  
Exp R.T.: 8.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



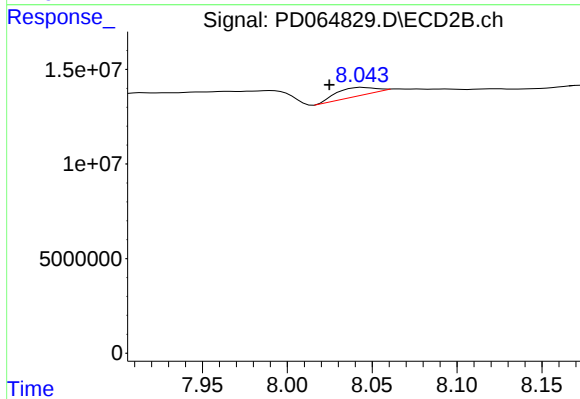
#13 Dieldrin

R.T.: 7.733 min  
Delta R.T.: -0.002 min  
Response: 963446  
Conc: 0.12 ng/ml



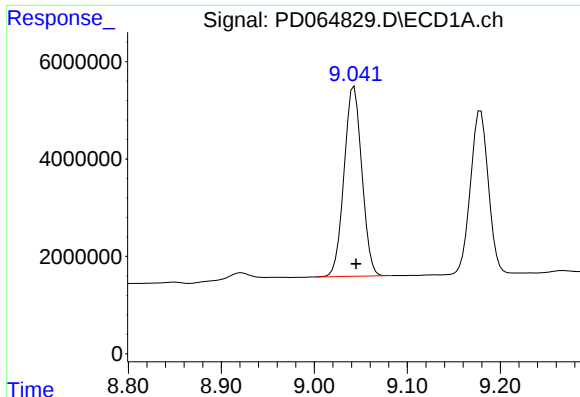
#14 Endrin

R.T.: 8.850 min  
Delta R.T.: 0.042 min  
Response: 983929  
Conc: 0.77 ng/ml



#14 Endrin

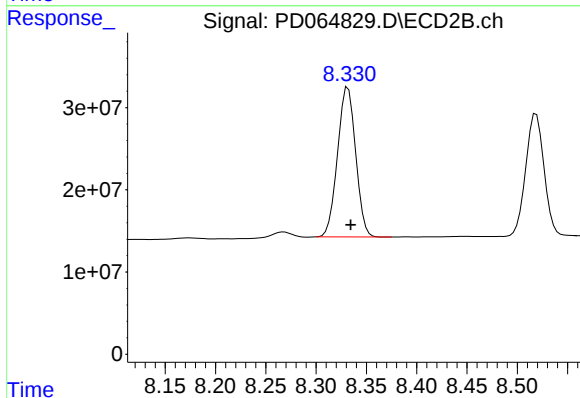
R.T.: 8.044 min  
Delta R.T.: 0.019 min  
Response: 6862123  
Conc: 1.19 ng/ml



#15 Endosulfan II

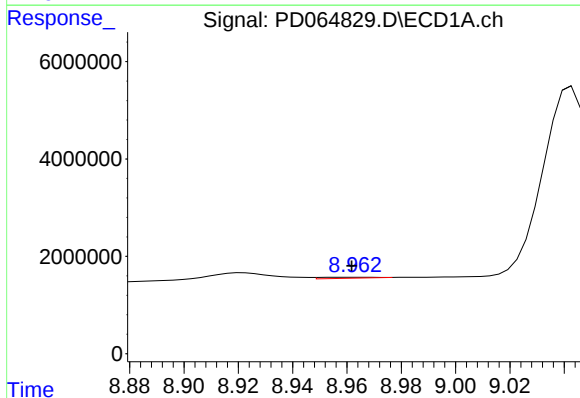
R.T.: 9.043 min  
Delta R.T.: -0.002 min  
Response: 51734287  
Conc: 39.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



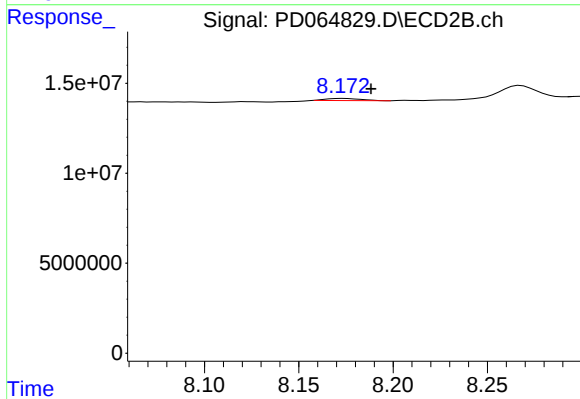
#15 Endosulfan II

R.T.: 8.332 min  
Delta R.T.: -0.003 min  
Response: 228144642  
Conc: 39.52 ng/ml



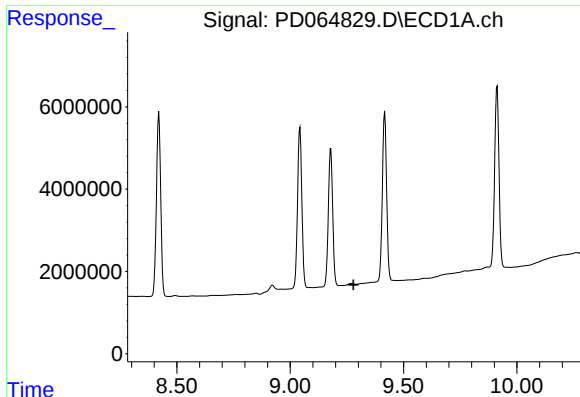
#16 4,4'-DDD

R.T.: 8.963 min  
Delta R.T.: 0.001 min  
Response: 316667  
Conc: 0.26 ng/ml



#16 4,4'-DDD

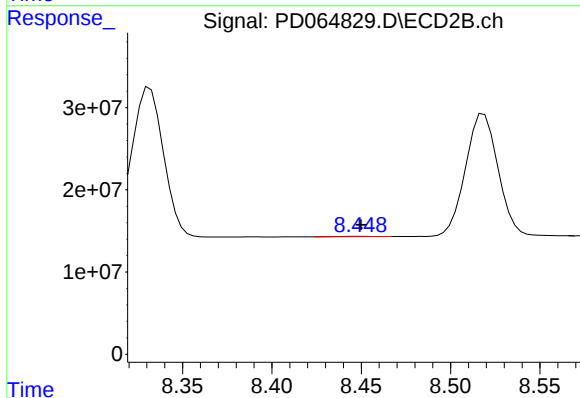
R.T.: 8.174 min  
Delta R.T.: -0.015 min  
Response: 1524338  
Conc: 0.26 ng/ml



#17 4,4'-DDT

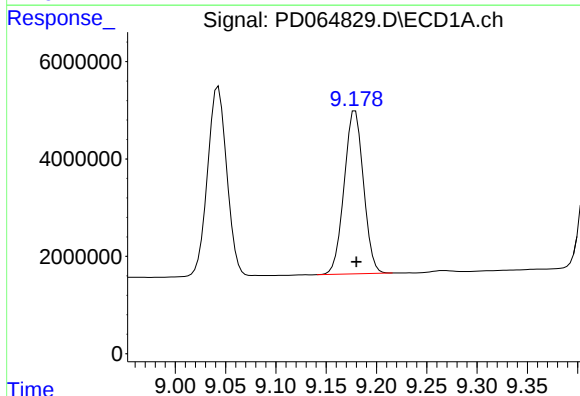
R.T.: 0.000 min  
Exp R.T.: 9.280 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



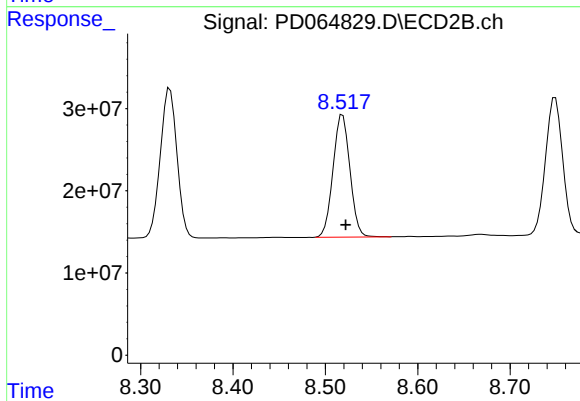
#17 4,4'-DDT

R.T.: 8.449 min  
Delta R.T.: 0.000 min  
Response: 553881  
Conc: 0.10 ng/ml



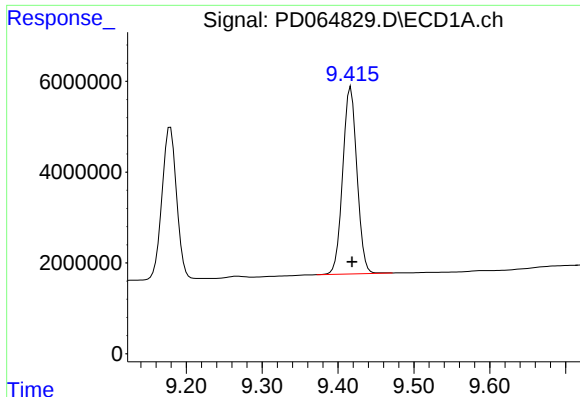
#18 Endrin aldehyde

R.T.: 9.179 min  
Delta R.T.: -0.001 min  
Response: 4466887  
Conc: 39.43 ng/ml



#18 Endrin aldehyde

R.T.: 8.519 min  
Delta R.T.: -0.004 min  
Response: 189139397  
Conc: 38.32 ng/ml



#19 Endosulfan Sulfate

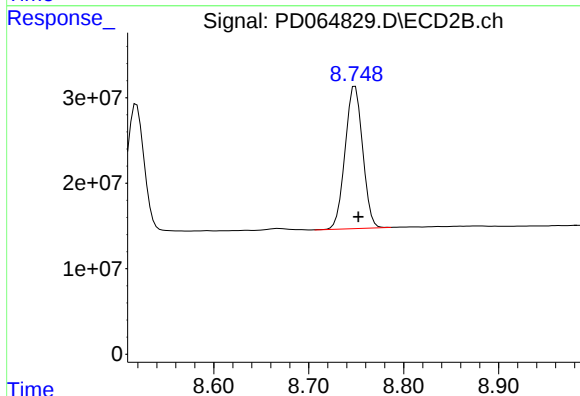
R.T.: 9.417 min

Delta R.T.: -0.002 min

Response: 53702112

Conc: 38.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



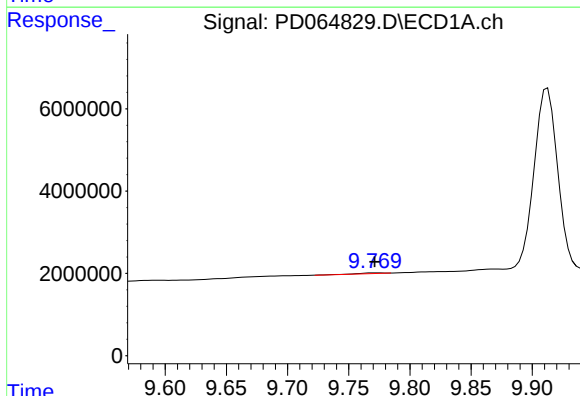
#19 Endosulfan Sulfate

R.T.: 8.749 min

Delta R.T.: -0.003 min

Response: 213383073

Conc: 39.59 ng/ml



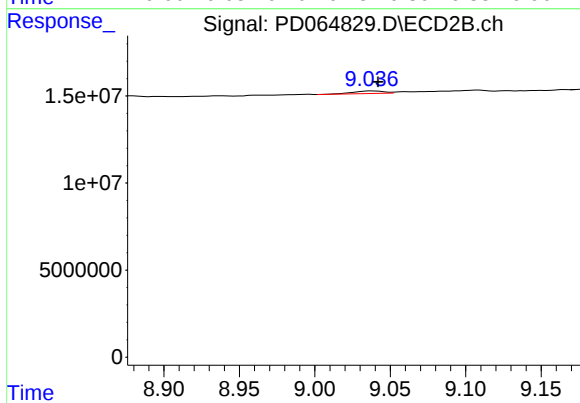
#20 Methoxychlor

R.T.: 9.771 min

Delta R.T.: 0.000 min

Response: 192212

Conc: 0.27 ng/ml



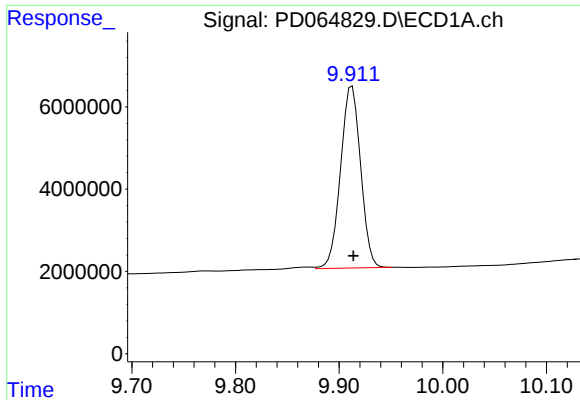
#20 Methoxychlor

R.T.: 9.039 min

Delta R.T.: -0.003 min

Response: 2109319

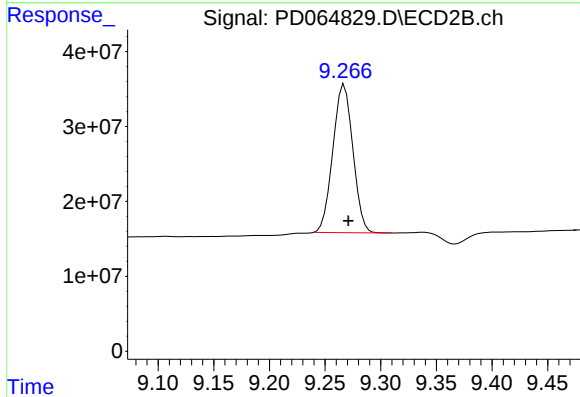
Conc: 0.82 ng/ml



#21 Endrin ketone

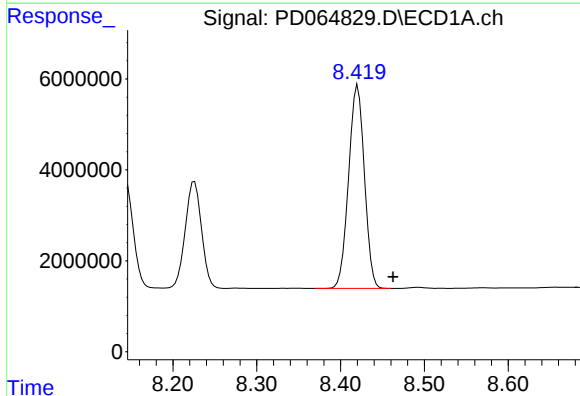
R.T.: 9.913 min  
Delta R.T.: -0.001 min  
Response: 59507388  
Conc: 39.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



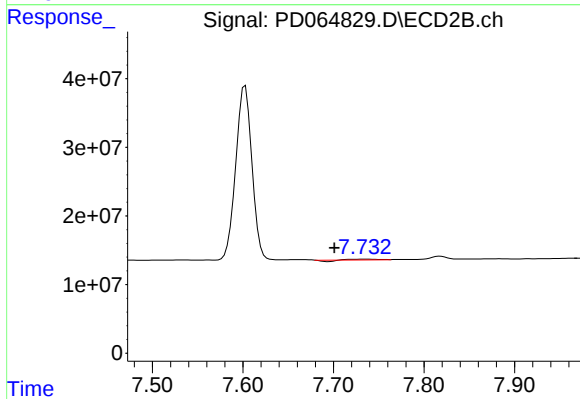
#21 Endrin ketone

R.T.: 9.267 min  
Delta R.T.: -0.004 min  
Response: 247004357  
Conc: 41.18 ng/ml



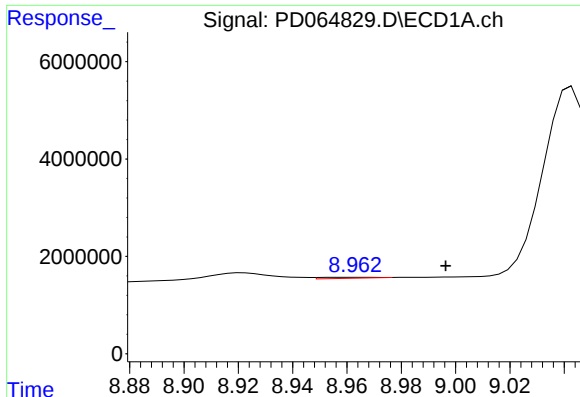
#22 Toxaphene-1

R.T.: 8.421 min  
Delta R.T.: -0.042 min  
Response: 58690911  
Conc: 6289.75 ng/ml



#22 Toxaphene-1

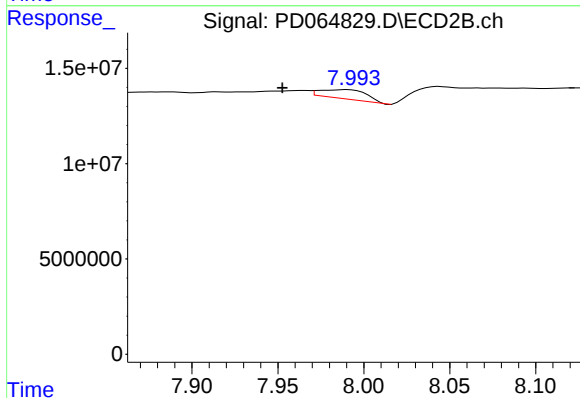
R.T.: 7.733 min  
Delta R.T.: 0.032 min  
Response: 963446  
Conc: 25.61 ng/ml



#23 Toxaphene-2

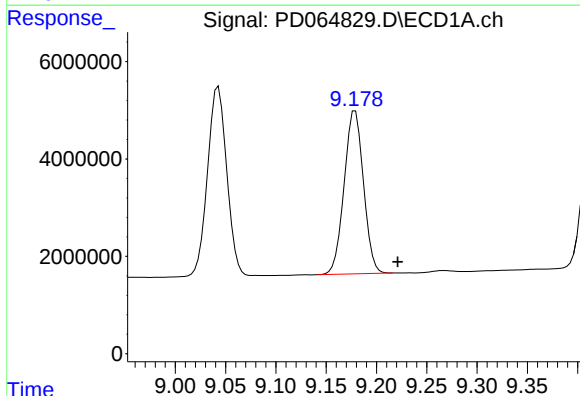
R.T.: 8.963 min  
Delta R.T.: -0.034 min  
Response: 316667  
Conc: 18.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



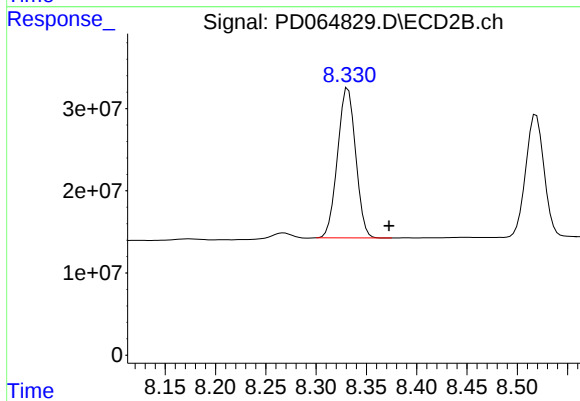
#23 Toxaphene-2

R.T.: 7.991 min  
Delta R.T.: 0.038 min  
Response: 8990236  
Conc: 106.46 ng/ml



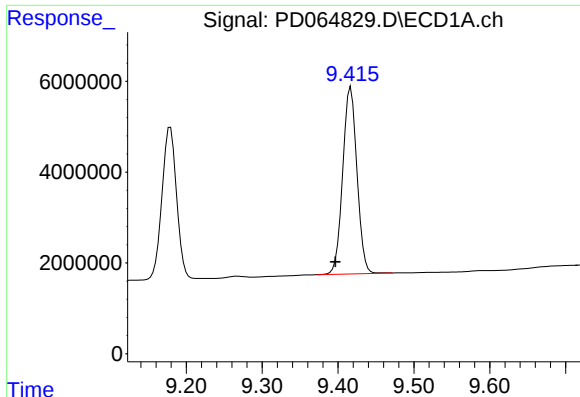
#24 Toxaphene-3

R.T.: 9.179 min  
Delta R.T.: -0.042 min  
Response: 44668887  
Conc: 3685.04 ng/ml



#24 Toxaphene-3

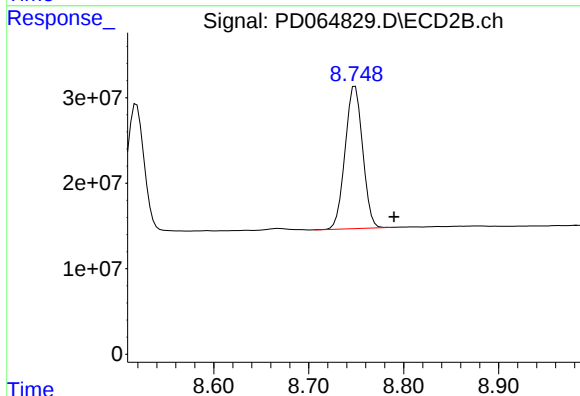
R.T.: 8.332 min  
Delta R.T.: -0.041 min  
Response: 228144642  
Conc: 1991.19 ng/ml



#25 Toxaphene-4

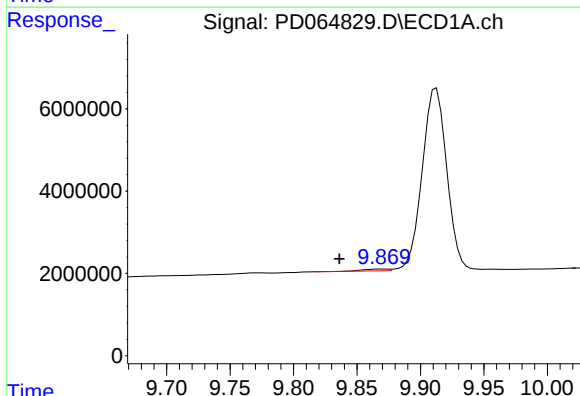
R.T.: 9.417 min  
Delta R.T.: 0.020 min  
Response: 53702112  
Conc: 2235.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



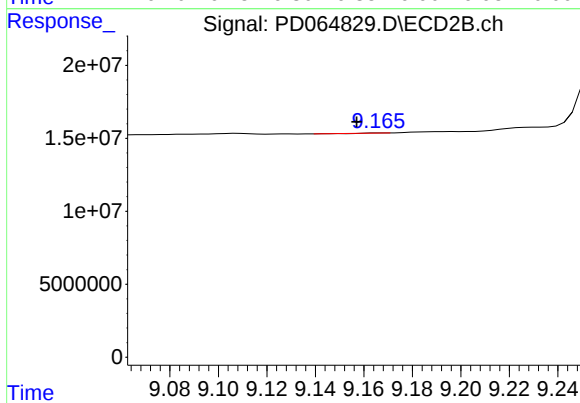
#25 Toxaphene-4

R.T.: 8.749 min  
Delta R.T.: -0.041 min  
Response: 213383073  
Conc: 3787.98 ng/ml



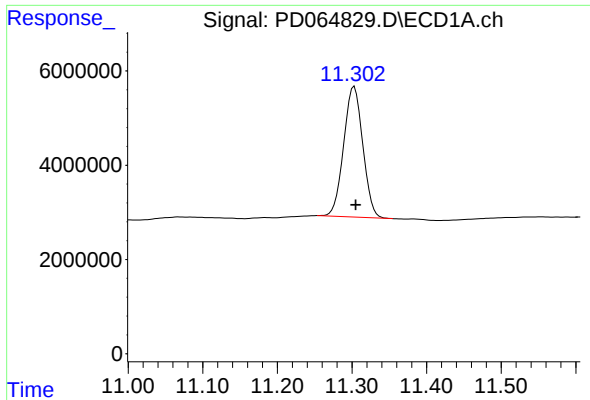
#26 Toxaphene-5

R.T.: 9.872 min  
Delta R.T.: 0.036 min  
Response: 627250  
Conc: 33.97 ng/ml



#26 Toxaphene-5

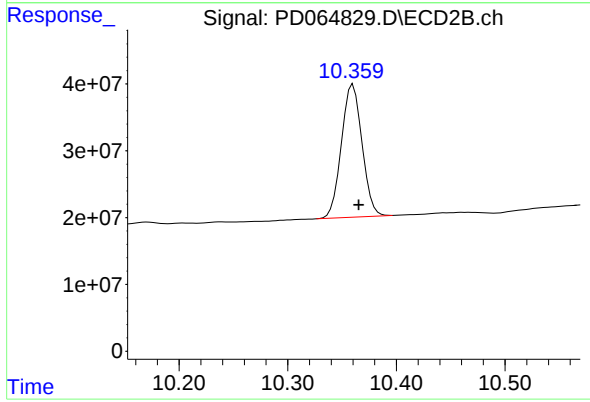
R.T.: 9.167 min  
Delta R.T.: 0.010 min  
Response: 33976  
Conc: 0.27 ng/ml



#27 Decachlorobiphenyl

R.T.: 11.303 min  
Delta R.T.: -0.002 min  
Response: 49280727  
Conc: 37.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 10.360 min  
Delta R.T.: -0.005 min  
Response: 262067314  
Conc: 44.07 ng/ml