

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021924\  
 Data File : PD081483.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Feb 2024 10:42  
 Operator : AR\AJ  
 Sample : PB158949BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PLCS949

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 20:37:03 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 12 17:06:05 2024  
 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

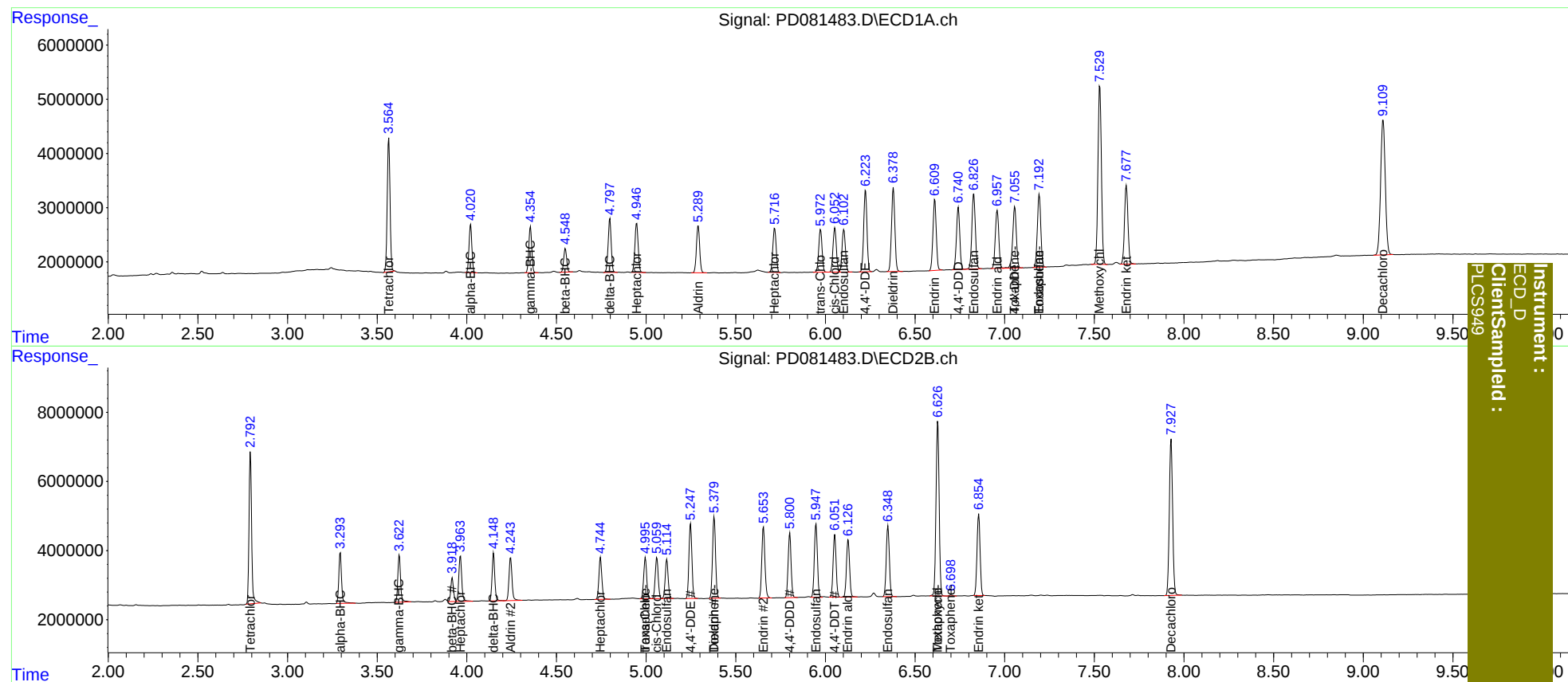
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.565  | 2.793  | 26803500 | 43906344 | 19.606  | 17.910     |
| 27)                         | SA Decachlor... | 9.111  | 7.928  | 45159688 | 58040516 | 23.407  | 23.397     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.021  | 3.294  | 9916429  | 15617295 | 4.246   | 4.062      |
| 3)                          | MA gamma-BHC... | 4.355  | 3.624  | 9677020  | 14681455 | 4.189   | 4.053      |
| 4)                          | MA Heptachlor   | 4.948  | 3.964  | 11575354 | 15026299 | 4.720   | 4.236      |
| 5)                          | MB Aldrin       | 5.291  | 4.244  | 10960475 | 14522508 | 4.635   | 4.288      |
| 6)                          | B beta-BHC      | 4.550  | 3.919  | 4978025  | 7089965  | 4.790   | 4.196      |
| 7)                          | B delta-BHC     | 4.798  | 4.149  | 11935370 | 14509867 | 5.039   | 3.875      |
| 8)                          | B Heptachlo...  | 5.717  | 4.746  | 10583930 | 13903735 | 4.673   | 4.334      |
| 9)                          | A Endosulfan I  | 6.103  | 5.116  | 10150789 | 12953585 | 4.821   | 4.326      |
| 10)                         | B trans-Chl...  | 5.973  | 4.996  | 10220529 | 13829795 | 4.668   | 4.432      |
| 11)                         | B cis-Chlor...  | 6.053  | 5.060  | 10481948 | 13930791 | 4.654   | 4.349      |
| 12)                         | B 4,4'-DDE      | 6.224  | 5.248  | 19131096 | 24963474 | 8.912   | 8.442      |
| 13)                         | MA Dieldrin     | 6.379  | 5.380  | 20151043 | 27378395 | 9.075   | 8.336      |
| 14)                         | MA Endrin       | 6.610  | 5.655  | 16878415 | 24931567 | 8.994   | 8.678      |
| 15)                         | B Endosulfa...  | 6.828  | 5.948  | 18720461 | 25343969 | 9.698   | 8.979      |
| 16)                         | A 4,4'-DDD      | 6.742  | 5.802  | 14818884 | 21564800 | 8.922   | 8.557      |
| 17)                         | MA 4,4'-DDT     | 7.057  | 6.053  | 15928464 | 20976528 | 9.168   | 8.123      |
| 18)                         | B Endrin al...  | 6.959  | 6.127  | 14457574 | 20051998 | 9.678   | 9.253      |
| 19)                         | B Endosulfa...  | 7.193  | 6.349  | 17851981 | 24695888 | 9.751   | 9.206      |
| 20)                         | A Methoxychlor  | 7.531  | 6.627  | 43969315 | 60776910 | 47.935  | 45.490     |
| 21)                         | B Endrin ke...  | 7.679  | 6.855  | 19472855 | 27991468 | 10.070  | 9.335      |
| 22)                         | Toxaphene-1     | 0.000  | 4.996  | 0        | 13829795 | N.D.    | 844.713    |
| 23)                         | Toxaphene-2     | 0.000  | 5.380  | 0        | 27378395 | N.D.    | 1606.402   |
| 24)                         | Toxaphene-3     | 7.057f | 6.627  | 15928464 | 60776910 | 301.192 | 1038.358 # |
| 25)                         | Toxaphene-4     | 7.193  | 6.700f | 17851981 | 348562   | 451.291 | 4.380 #    |
| -----                       |                 |        |        |          |          |         |            |

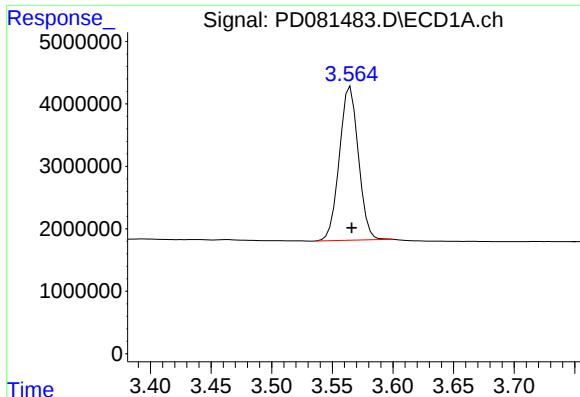
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD021924\  
Data File : PD081483.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Feb 2024 10:42  
Operator : AR\AJ  
Sample : PB158949BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 20:37:03 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD021224CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 12 17:06:05 2024  
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

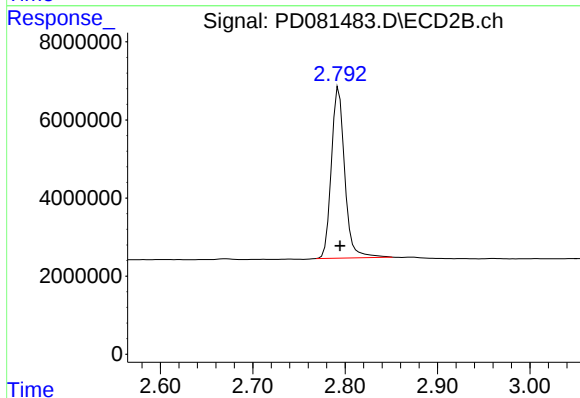




#1 Tetrachloro-m-xylene

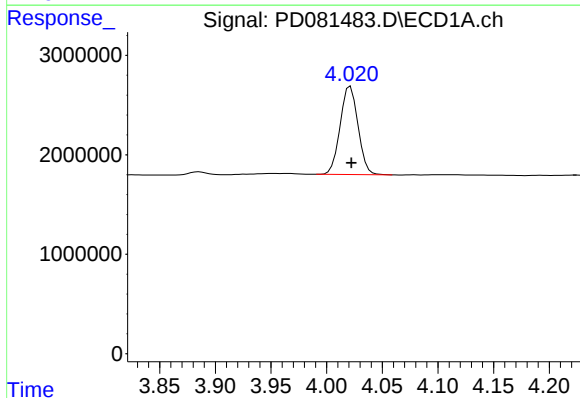
R.T.: 3.565 min  
Delta R.T.: -0.001 min  
Response: 26803500  
Conc: 19.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



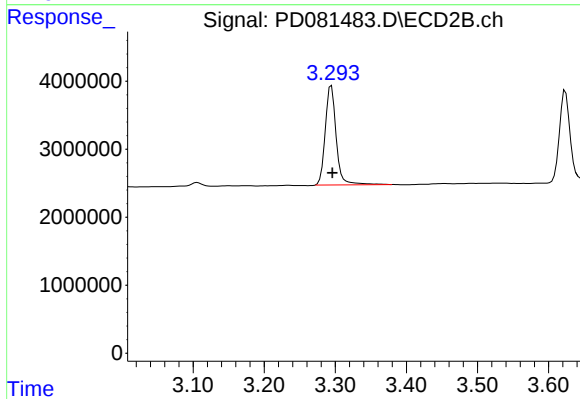
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: -0.001 min  
Response: 43906344  
Conc: 17.91 ng/ml



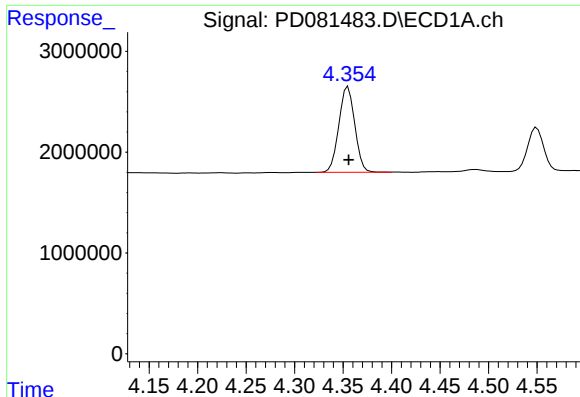
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 9916429  
Conc: 4.25 ng/ml



#2 alpha-BHC

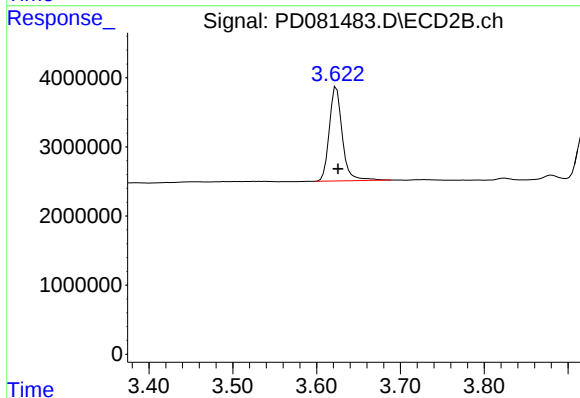
R.T.: 3.294 min  
Delta R.T.: -0.002 min  
Response: 15617295  
Conc: 4.06 ng/ml



#3 gamma-BHC (Lindane)

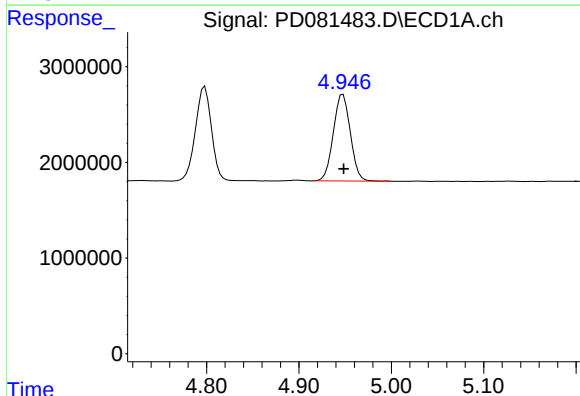
R.T.: 4.355 min  
Delta R.T.: 0.000 min  
Response: 9677020  
Conc: 4.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



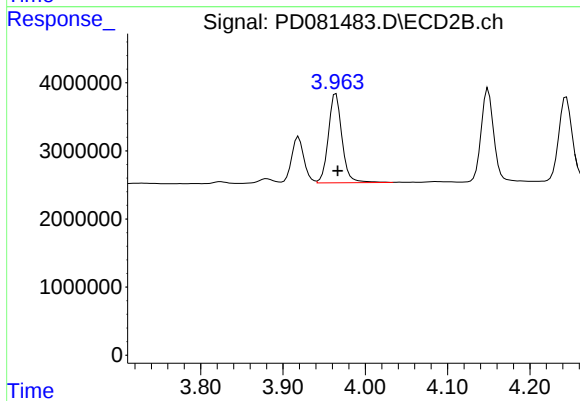
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: -0.002 min  
Response: 14681455  
Conc: 4.05 ng/ml



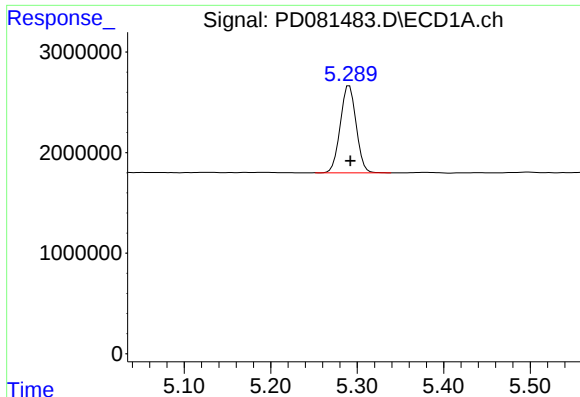
#4 Heptachlor

R.T.: 4.948 min  
Delta R.T.: 0.000 min  
Response: 11575354  
Conc: 4.72 ng/ml



#4 Heptachlor

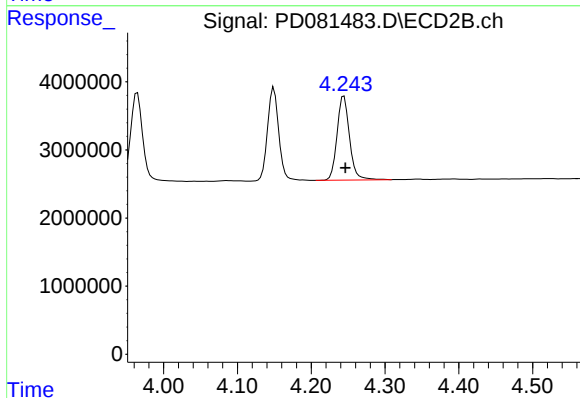
R.T.: 3.964 min  
Delta R.T.: -0.002 min  
Response: 15026299  
Conc: 4.24 ng/ml



#5 Aldrin

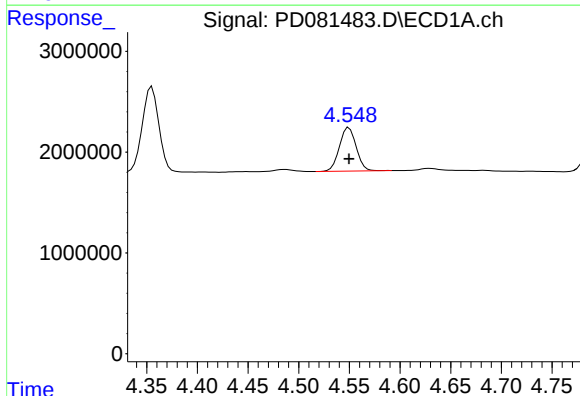
R.T.: 5.291 min  
Delta R.T.: -0.001 min  
Response: 10960475  
Conc: 4.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



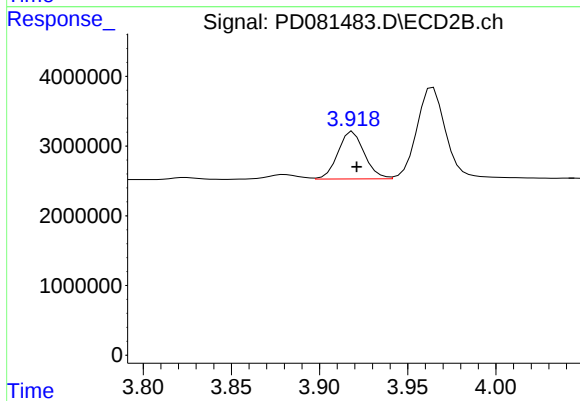
#5 Aldrin

R.T.: 4.244 min  
Delta R.T.: -0.002 min  
Response: 14522508  
Conc: 4.29 ng/ml



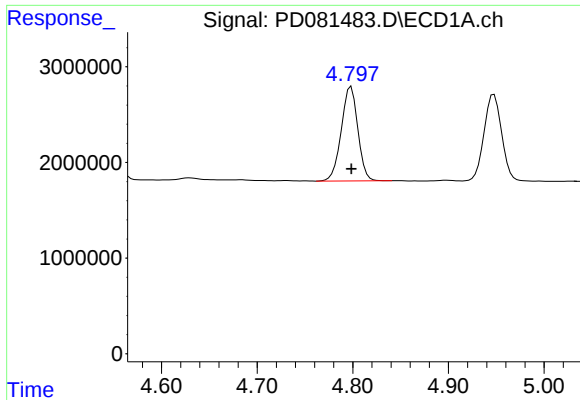
#6 beta-BHC

R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 4978025  
Conc: 4.79 ng/ml



#6 beta-BHC

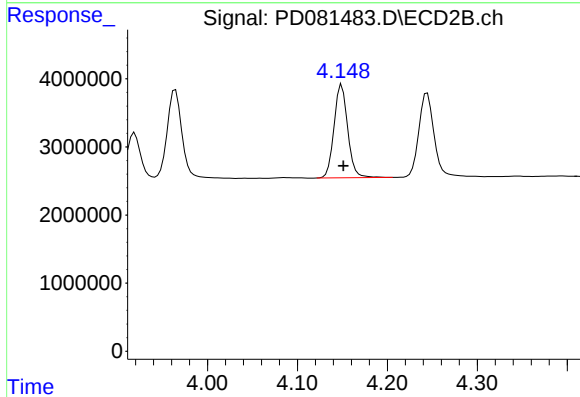
R.T.: 3.919 min  
Delta R.T.: -0.002 min  
Response: 7089965  
Conc: 4.20 ng/ml



#7 delta-BHC

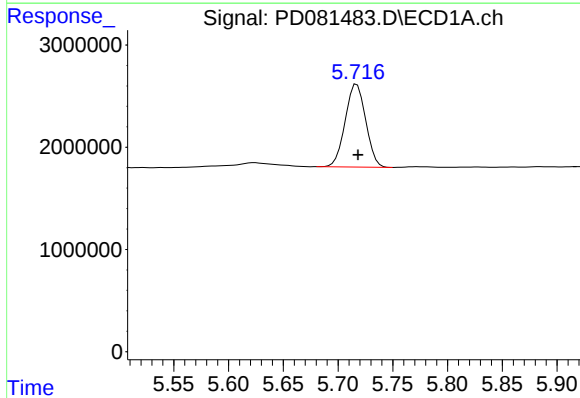
R.T.: 4.798 min  
Delta R.T.: 0.000 min  
Response: 11935370  
Conc: 5.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



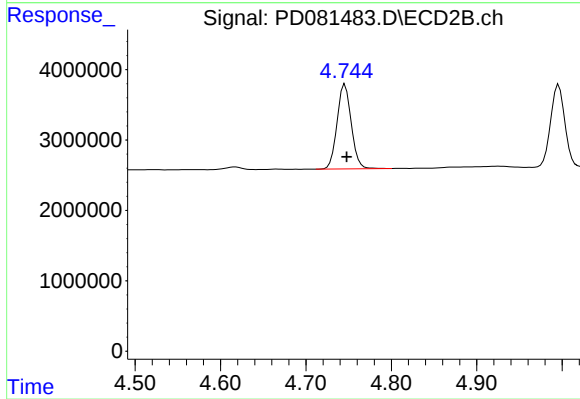
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: -0.002 min  
Response: 14509867  
Conc: 3.87 ng/ml



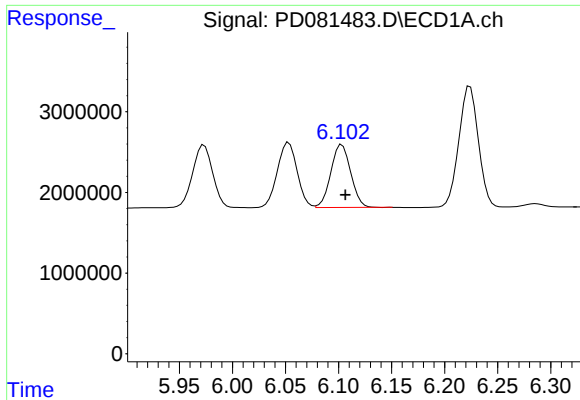
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 10583930  
Conc: 4.67 ng/ml



#8 Heptachlor epoxide

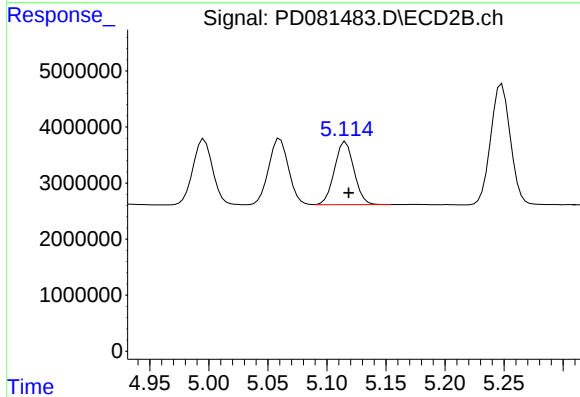
R.T.: 4.746 min  
Delta R.T.: -0.002 min  
Response: 13903735  
Conc: 4.33 ng/ml



#9 Endosulfan I

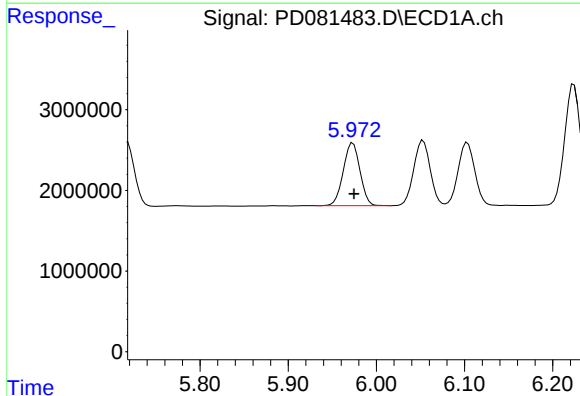
R.T.: 6.103 min  
Delta R.T.: -0.003 min  
Response: 10150789  
Conc: 4.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



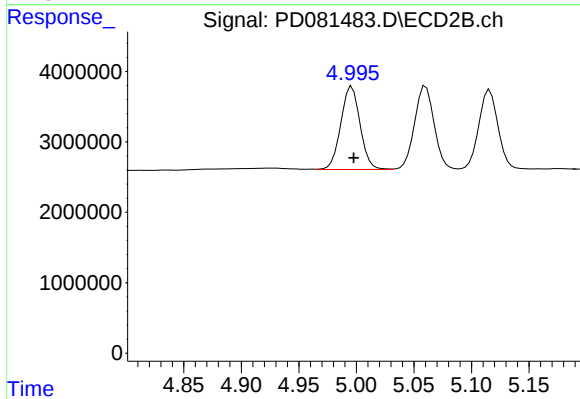
#9 Endosulfan I

R.T.: 5.116 min  
Delta R.T.: -0.003 min  
Response: 12953585  
Conc: 4.33 ng/ml



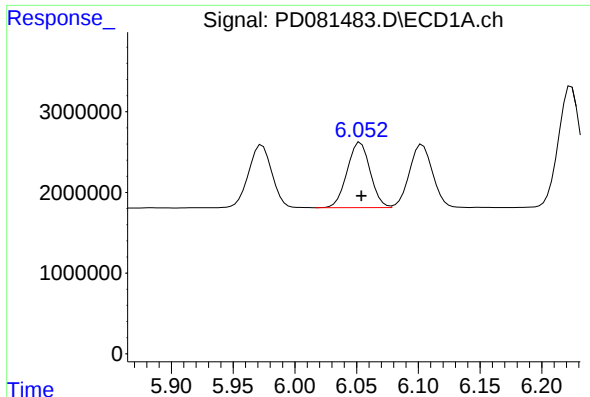
#10 trans-Chlordane

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 10220529  
Conc: 4.67 ng/ml



#10 trans-Chlordane

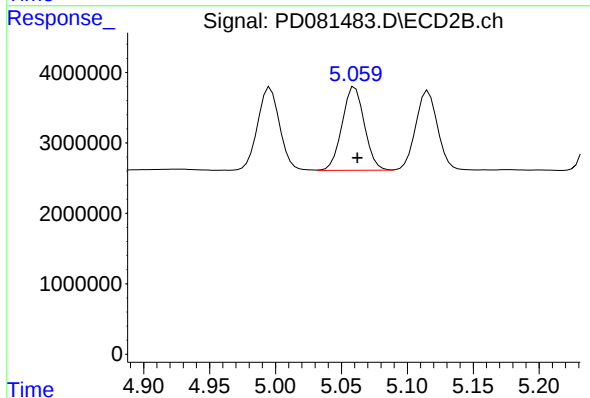
R.T.: 4.996 min  
Delta R.T.: -0.002 min  
Response: 13829795  
Conc: 4.43 ng/ml



#11 cis-Chlordane

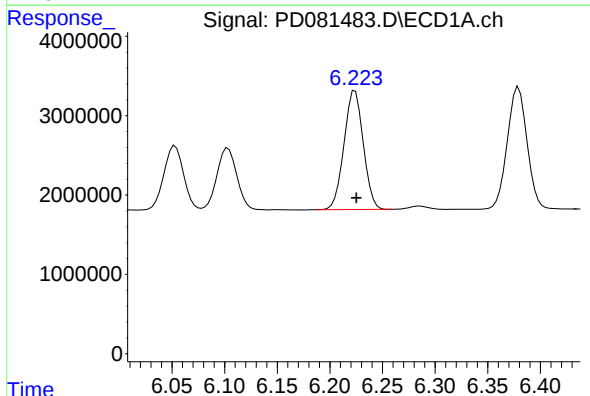
R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 10481948  
Conc: 4.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



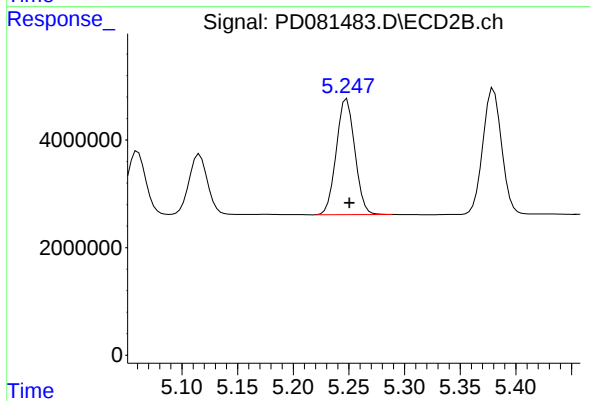
#11 cis-Chlordane

R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 13930791  
Conc: 4.35 ng/ml



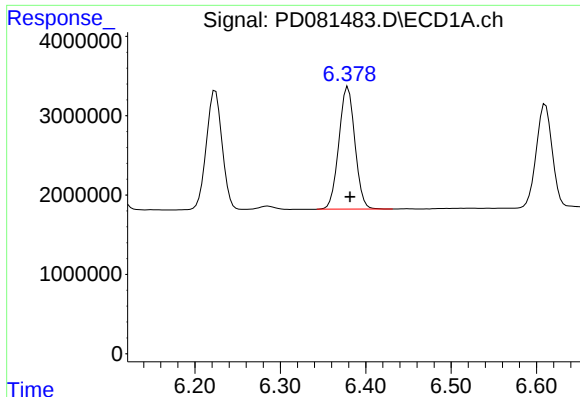
#12 4,4'-DDE

R.T.: 6.224 min  
Delta R.T.: -0.001 min  
Response: 19131096  
Conc: 8.91 ng/ml



#12 4,4'-DDE

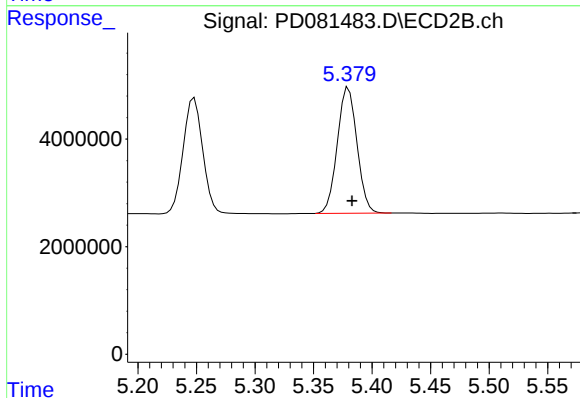
R.T.: 5.248 min  
Delta R.T.: -0.002 min  
Response: 24963474  
Conc: 8.44 ng/ml



#13 Dieldrin

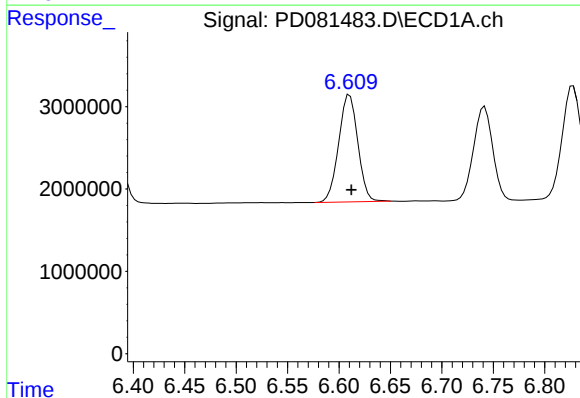
R.T.: 6.379 min  
Delta R.T.: -0.002 min  
Response: 20151043  
Conc: 9.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



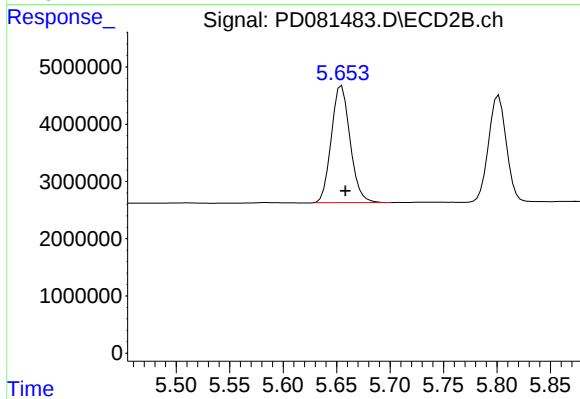
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.003 min  
Response: 27378395  
Conc: 8.34 ng/ml



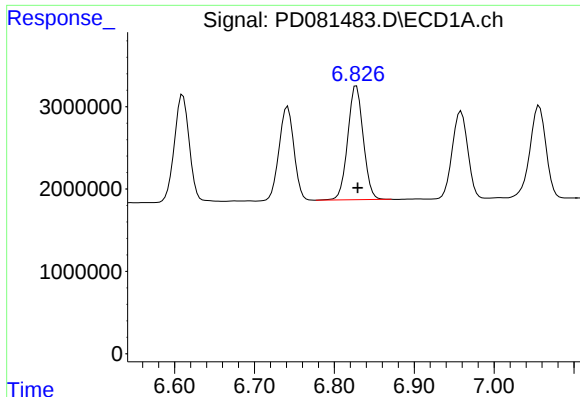
#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.002 min  
Response: 16878415  
Conc: 8.99 ng/ml



#14 Endrin

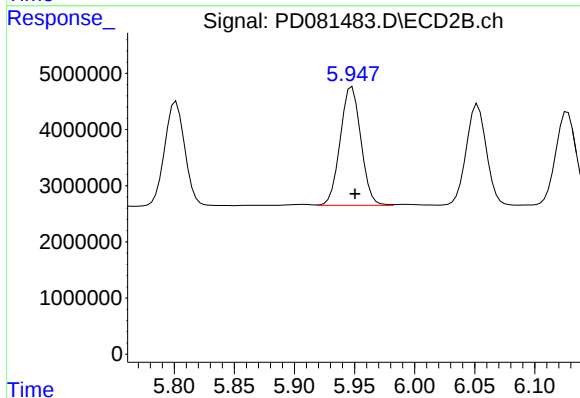
R.T.: 5.655 min  
Delta R.T.: -0.003 min  
Response: 24931567  
Conc: 8.68 ng/ml



#15 Endosulfan II

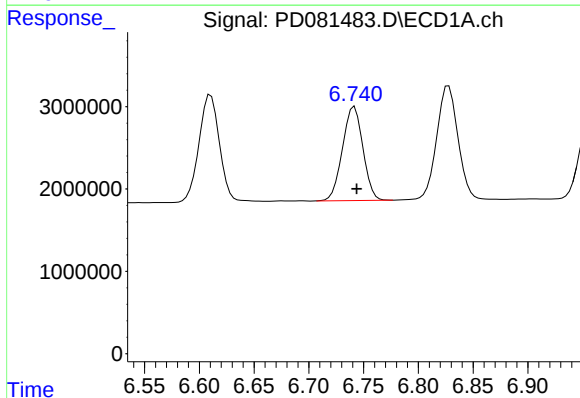
R.T.: 6.828 min  
Delta R.T.: -0.002 min  
Response: 18720461  
Conc: 9.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



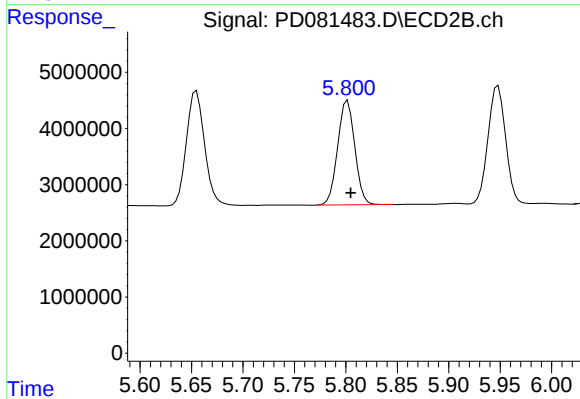
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: -0.003 min  
Response: 25343969  
Conc: 8.98 ng/ml



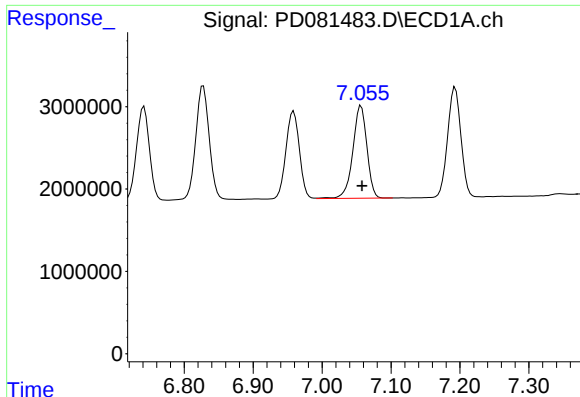
#16 4,4'-DDD

R.T.: 6.742 min  
Delta R.T.: -0.002 min  
Response: 14818884  
Conc: 8.92 ng/ml



#16 4,4'-DDD

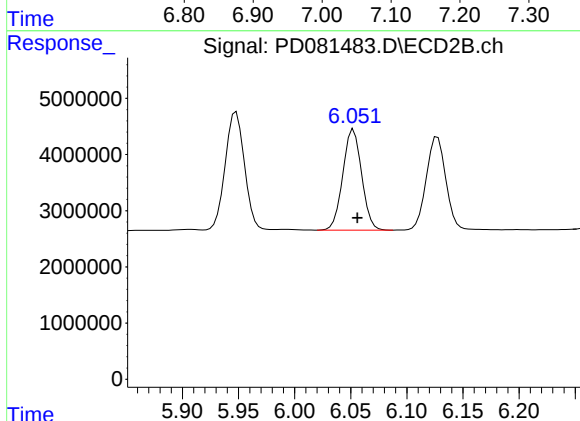
R.T.: 5.802 min  
Delta R.T.: -0.003 min  
Response: 21564800  
Conc: 8.56 ng/ml



#17 4,4'-DDT

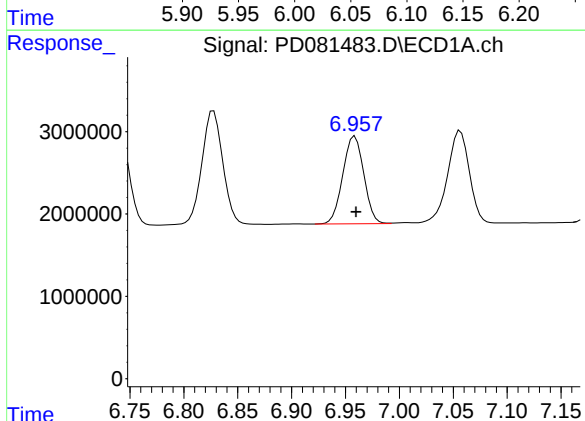
R.T.: 7.057 min  
Delta R.T.: -0.002 min  
Response: 15928464  
Conc: 9.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



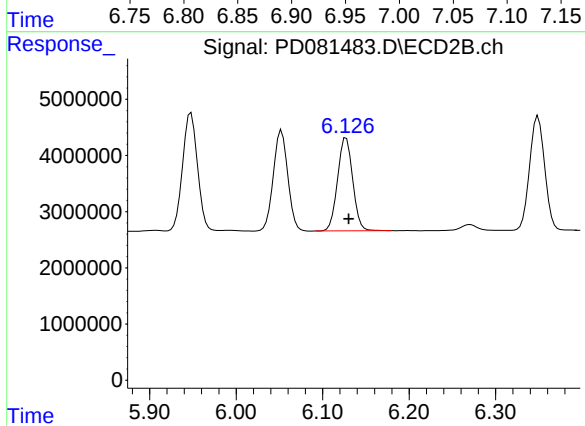
#17 4,4'-DDT

R.T.: 6.053 min  
Delta R.T.: -0.003 min  
Response: 20976528  
Conc: 8.12 ng/ml



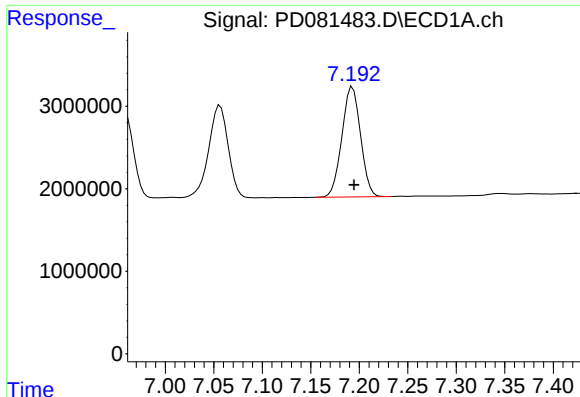
#18 Endrin aldehyde

R.T.: 6.959 min  
Delta R.T.: 0.000 min  
Response: 14457574  
Conc: 9.68 ng/ml



#18 Endrin aldehyde

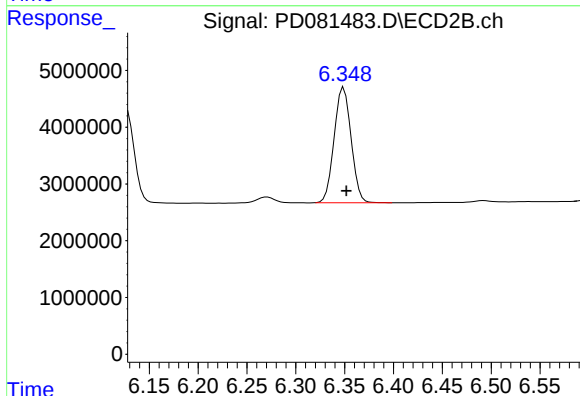
R.T.: 6.127 min  
Delta R.T.: -0.003 min  
Response: 20051998  
Conc: 9.25 ng/ml



#19 Endosulfan Sulfate

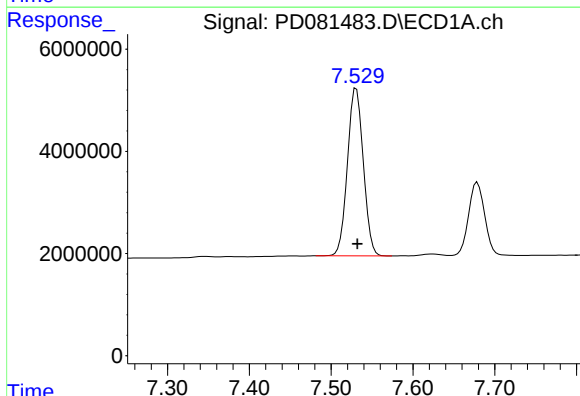
R.T.: 7.193 min  
Delta R.T.: -0.002 min  
Response: 17851981  
Conc: 9.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



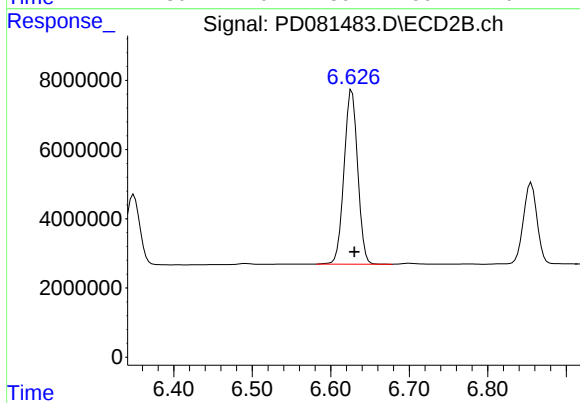
#19 Endosulfan Sulfate

R.T.: 6.349 min  
Delta R.T.: -0.003 min  
Response: 24695888  
Conc: 9.21 ng/ml



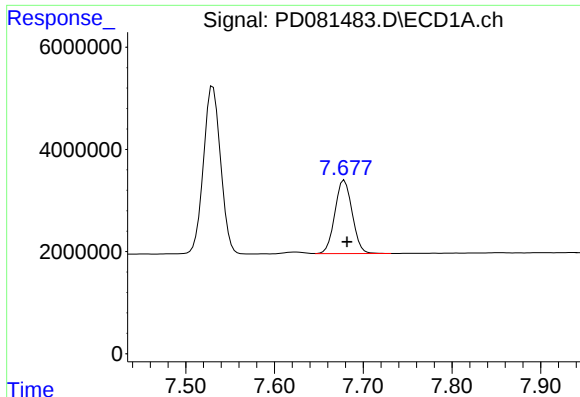
#20 Methoxychlor

R.T.: 7.531 min  
Delta R.T.: -0.002 min  
Response: 43969315  
Conc: 47.93 ng/ml



#20 Methoxychlor

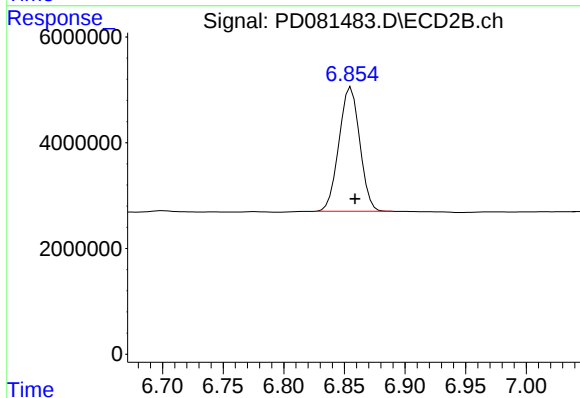
R.T.: 6.627 min  
Delta R.T.: -0.003 min  
Response: 60776910  
Conc: 45.49 ng/ml



#21 Endrin ketone

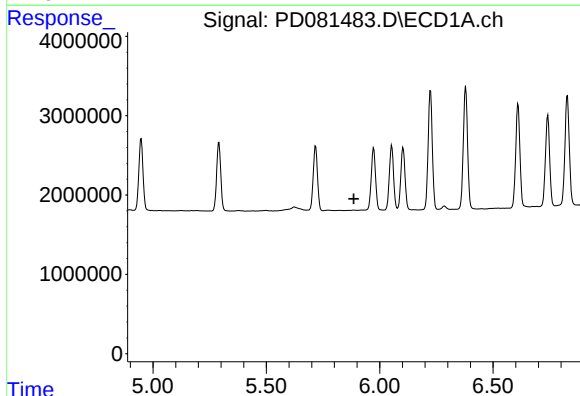
R.T.: 7.679 min  
Delta R.T.: -0.003 min  
Response: 19472855  
Conc: 10.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



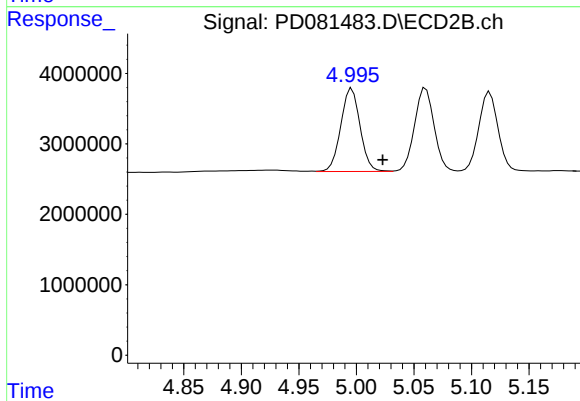
#21 Endrin ketone

R.T.: 6.855 min  
Delta R.T.: -0.003 min  
Response: 27991468  
Conc: 9.34 ng/ml



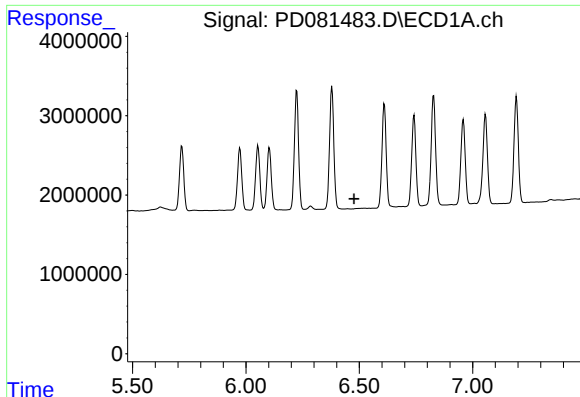
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.886 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

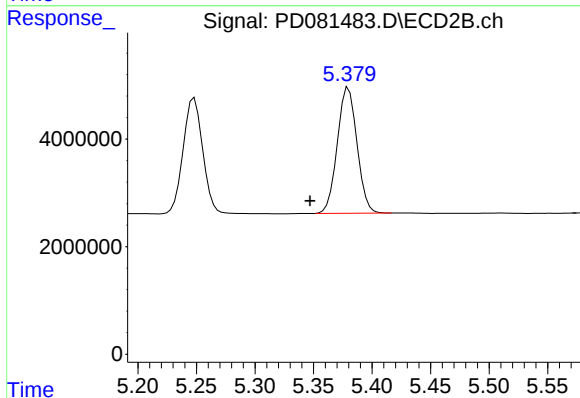
R.T.: 4.996 min  
Delta R.T.: -0.027 min  
Response: 13829795  
Conc: 844.71 ng/ml



#23 Toxaphene-2

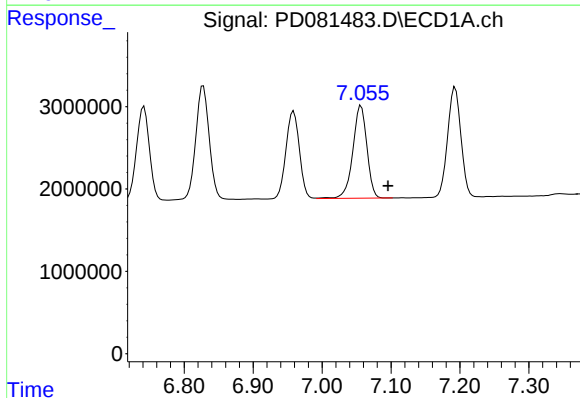
R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



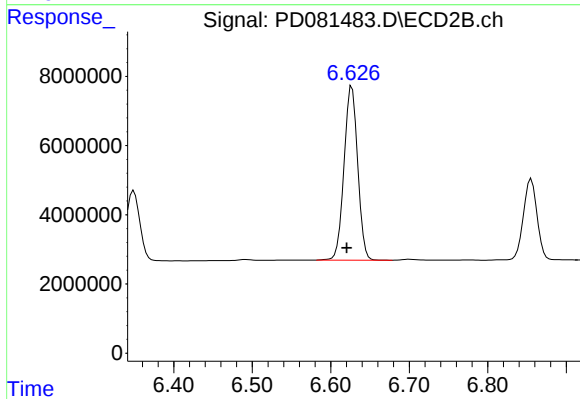
#23 Toxaphene-2

R.T.: 5.380 min  
Delta R.T.: 0.033 min  
Response: 27378395  
Conc: 1606.40 ng/ml



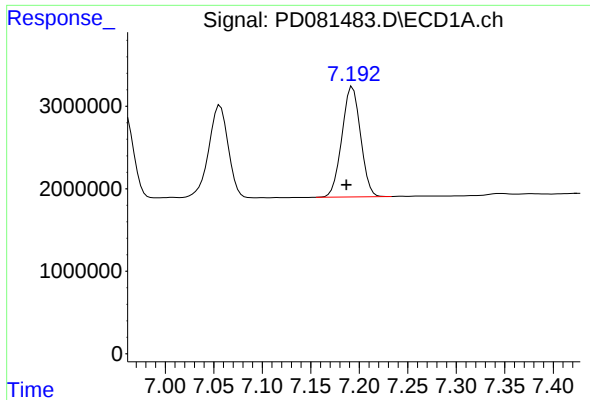
#24 Toxaphene-3

R.T.: 7.057 min  
Delta R.T.: -0.039 min  
Response: 15928464  
Conc: 301.19 ng/ml



#24 Toxaphene-3

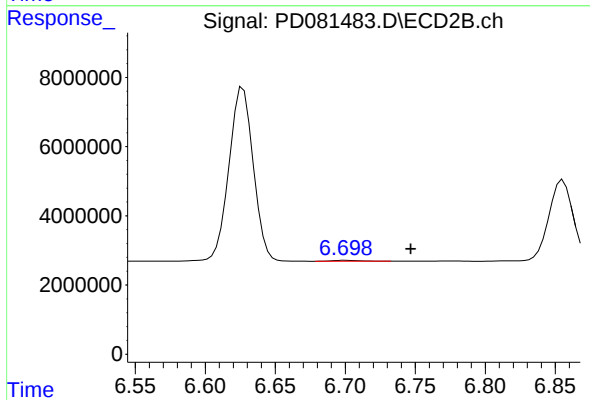
R.T.: 6.627 min  
Delta R.T.: 0.007 min  
Response: 60776910  
Conc: 1038.36 ng/ml



#25 Toxaphene-4

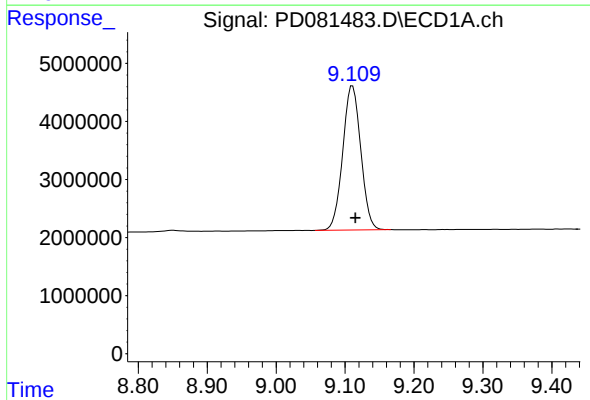
R.T.: 7.193 min  
Delta R.T.: 0.006 min  
Response: 17851981  
Conc: 451.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS949



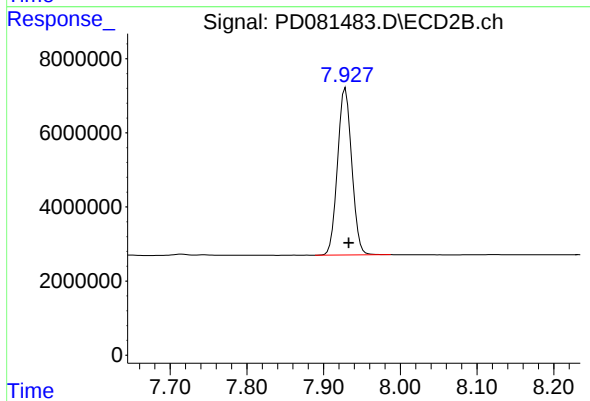
#25 Toxaphene-4

R.T.: 6.700 min  
Delta R.T.: -0.047 min  
Response: 348562  
Conc: 4.38 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: -0.004 min  
Response: 45159688  
Conc: 23.41 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: -0.004 min  
Response: 58040516  
Conc: 23.40 ng/ml