

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042424\  
 Data File : PD082590.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2024 17:02  
 Operator : AR\AJ  
 Sample : PB160495BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PLCS495

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 21:08:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042424CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 24 16:11:14 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

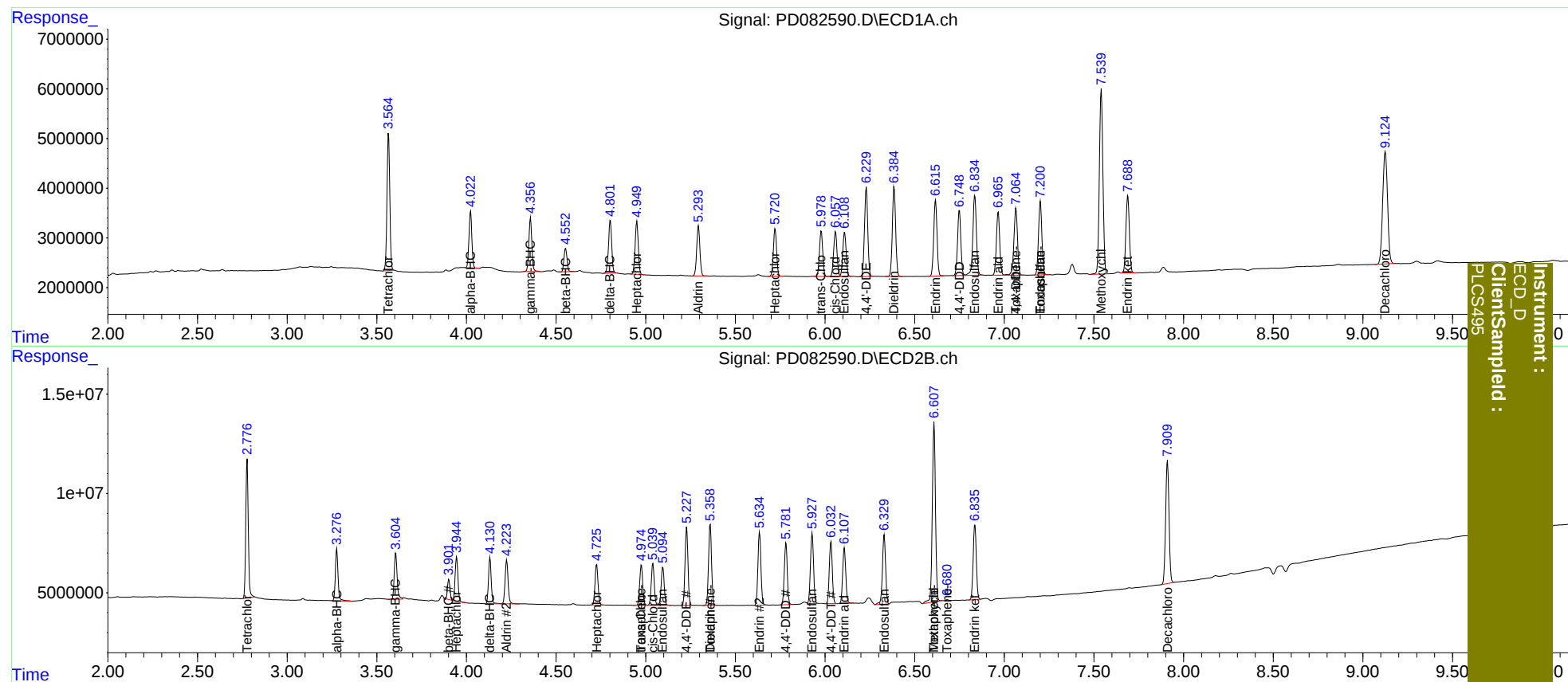
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.566  | 2.777  | 29982213 | 68366863 | 21.203  | 19.536     |
| 27)                         | SA Decachlor... | 9.125  | 7.910  | 42711796 | 81498339 | 21.921  | 21.595     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.023  | 3.277  | 12656777 | 27367270 | 5.305   | 4.874      |
| 3)                          | MA gamma-BHC... | 4.357  | 3.606  | 12394853 | 25997923 | 5.298   | 4.699      |
| 4)                          | MA Heptachlor   | 4.951  | 3.946  | 12945724 | 24117061 | 5.523   | 4.679      |
| 5)                          | MB Aldrin       | 5.294  | 4.225  | 12492071 | 25694385 | 5.510   | 4.954      |
| 6)                          | B beta-BHC      | 4.553  | 3.902  | 5556569  | 9616523  | 5.296   | 4.227      |
| 7)                          | B delta-BHC     | 4.803  | 4.132  | 13417634 | 24693291 | 5.697   | 4.508      |
| 8)                          | B Heptachlo...  | 5.722  | 4.726  | 11948574 | 24035618 | 5.584   | 4.954      |
| 9)                          | A Endosulfan I  | 6.109  | 5.096  | 11623950 | 22543241 | 5.730   | 5.220      |
| 10)                         | B trans-Chl...  | 5.979  | 4.976  | 11653003 | 23914738 | 5.584   | 5.065      |
| 11)                         | B cis-Chlor...  | 6.059  | 5.040  | 11926723 | 24266217 | 5.584   | 5.022      |
| 12)                         | B 4,4'-DDE      | 6.231  | 5.229  | 22809568 | 44523603 | 10.823  | 9.723      |
| 13)                         | MA Dieldrin     | 6.386  | 5.360  | 23149502 | 47864091 | 10.783  | 9.923      |
| 14)                         | MA Endrin       | 6.617  | 5.635  | 19753137 | 42680106 | 10.811  | 10.084     |
| 15)                         | B Endosulfa...  | 6.836  | 5.928  | 22022412 | 42069466 | 11.789  | 10.360     |
| 16)                         | A 4,4'-DDD      | 6.750  | 5.782  | 16663193 | 36091473 | 10.909  | 10.137     |
| 17)                         | MA 4,4'-DDT     | 7.065  | 6.033  | 18793844 | 36714028 | 11.683  | 9.767      |
| 18)                         | B Endrin al...  | 6.966  | 6.108  | 16365678 | 33429074 | 11.227  | 10.162     |
| 19)                         | B Endosulfa...  | 7.201  | 6.330  | 19289745 | 43009468 | 11.385  | 11.194     |
| 20)                         | A Methoxychlor  | 7.541  | 6.608  | 51255231 | 111.1E6  | 60.278  | 58.905     |
| 21)                         | B Endrin ke...  | 7.689  | 6.836  | 20661555 | 45930475 | 11.414  | 10.715     |
| 22)                         | Toxaphene-1     | 0.000  | 4.976  | 0        | 23914738 | N.D.    | 974.946    |
| 23)                         | Toxaphene-2     | 0.000  | 5.360f | 0        | 47864091 | N.D.    | 1883.039   |
| 24)                         | Toxaphene-3     | 7.065f | 6.608  | 18793844 | 111.1E6  | 366.210 | 1231.215 # |
| 25)                         | Toxaphene-4     | 7.201  | 6.682f | 19289745 | 272499   | 499.134 | 2.238 #    |
| -----                       |                 |        |        |          |          |         |            |

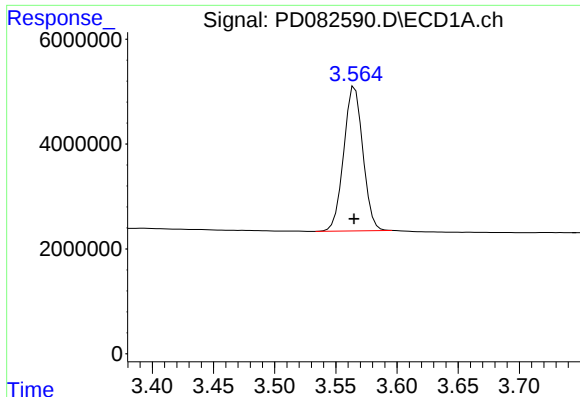
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042424\  
Data File : PD082590.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2024 17:02  
Operator : AR\AJ  
Sample : PB160495BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 21:08:44 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD042424CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 24 16:11:14 2024  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

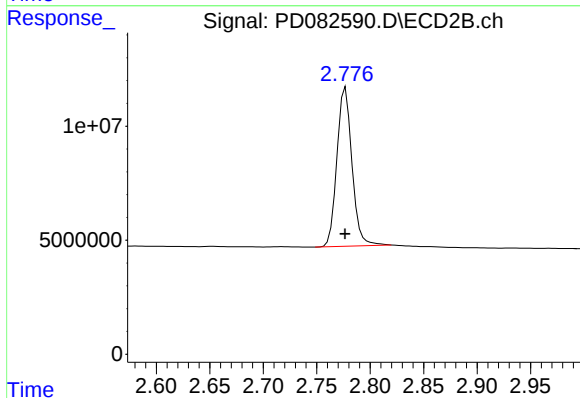




#1 Tetrachloro-m-xylene

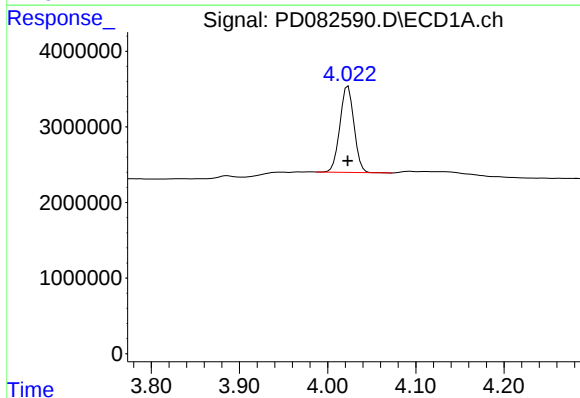
R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 29982213  
Conc: 21.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



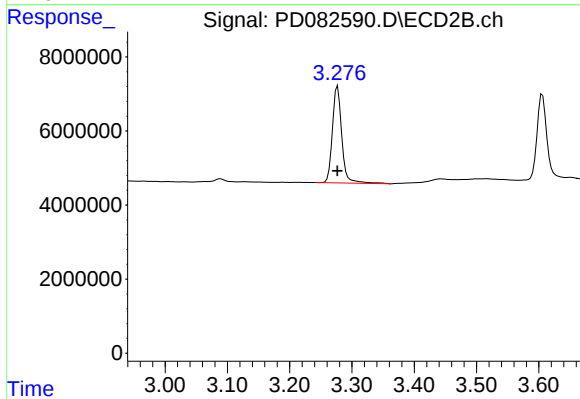
#1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 68366863  
Conc: 19.54 ng/ml



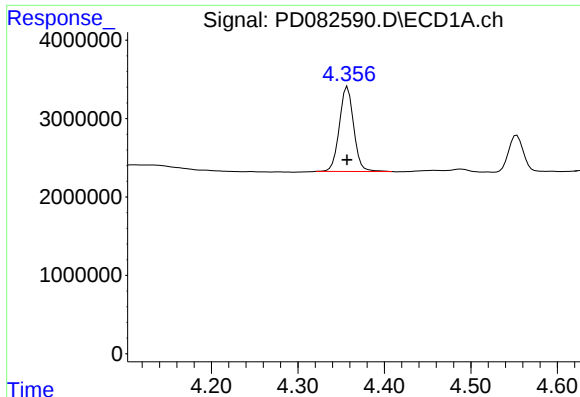
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 12656777  
Conc: 5.30 ng/ml



#2 alpha-BHC

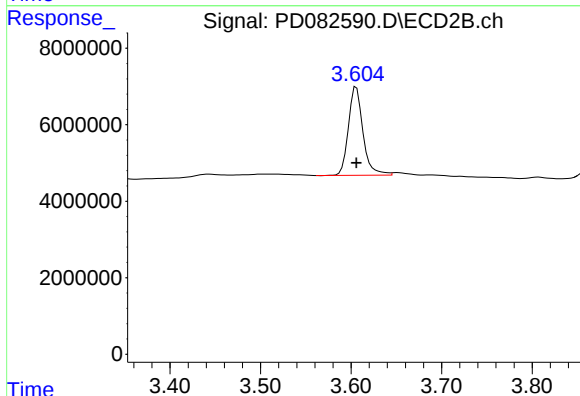
R.T.: 3.277 min  
Delta R.T.: 0.000 min  
Response: 27367270  
Conc: 4.87 ng/ml



#3 gamma-BHC (Lindane)

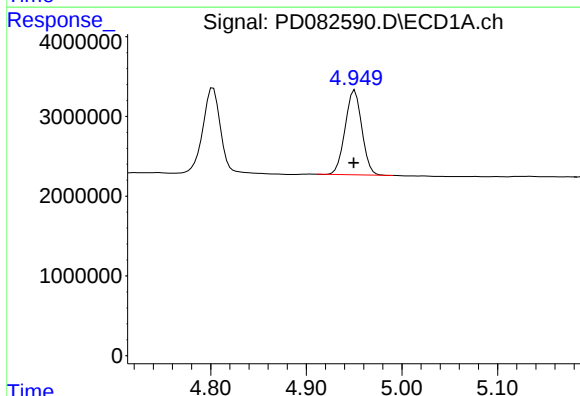
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 12394853  
Conc: 5.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



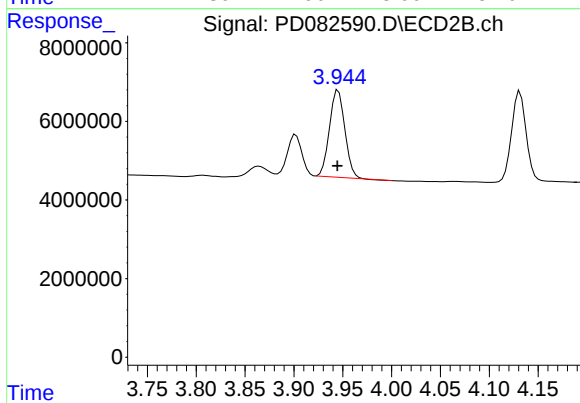
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 25997923  
Conc: 4.70 ng/ml



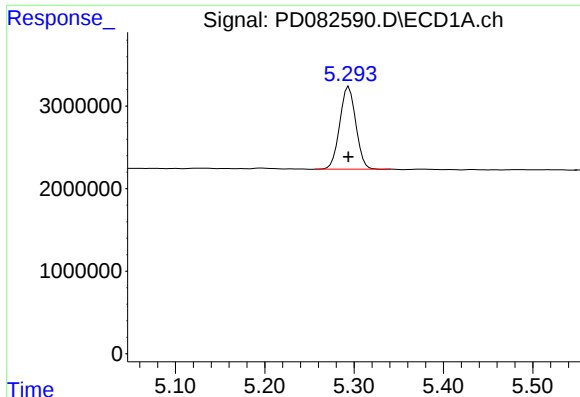
#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 12945724  
Conc: 5.52 ng/ml



#4 Heptachlor

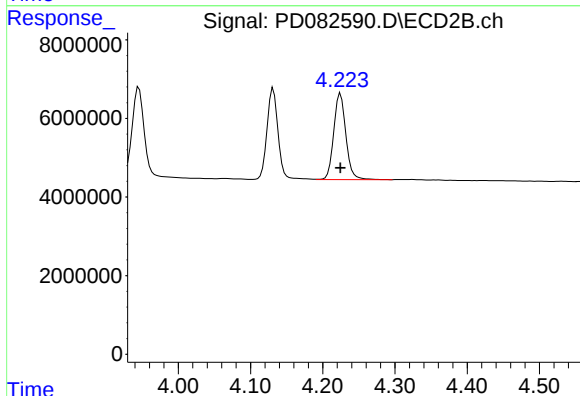
R.T.: 3.946 min  
Delta R.T.: 0.000 min  
Response: 24117061  
Conc: 4.68 ng/ml



#5 Aldrin

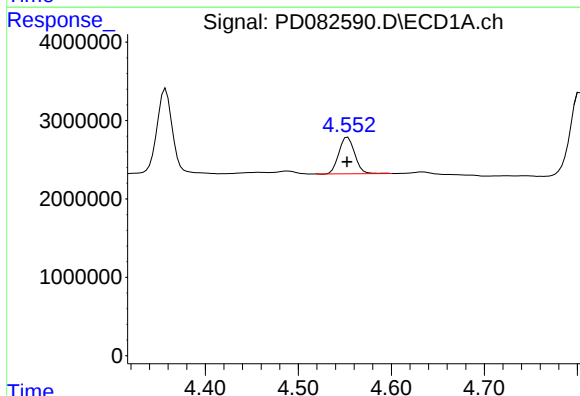
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 12492071  
Conc: 5.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



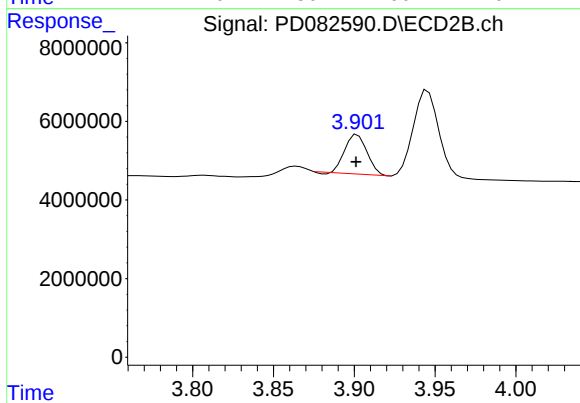
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: 0.000 min  
Response: 25694385  
Conc: 4.95 ng/ml



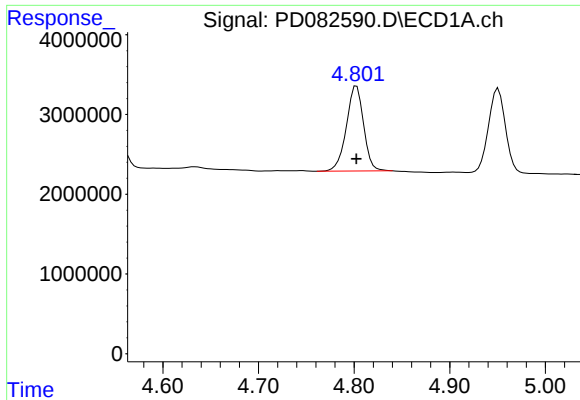
#6 beta-BHC

R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 5556569  
Conc: 5.30 ng/ml



#6 beta-BHC

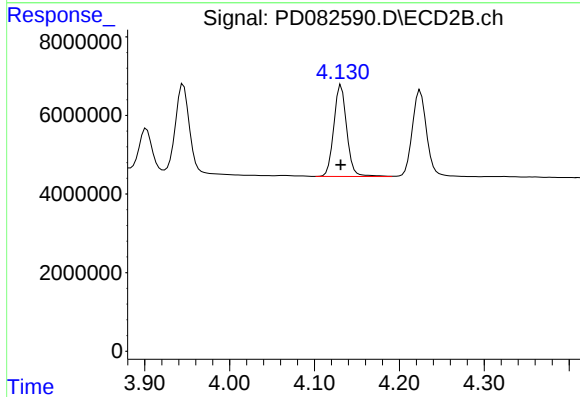
R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 9616523  
Conc: 4.23 ng/ml



#7 delta-BHC

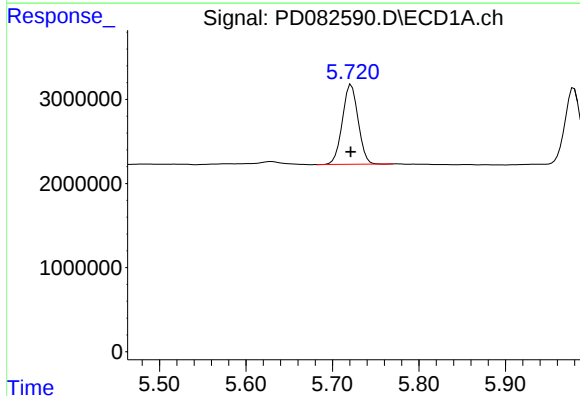
R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 13417634  
Conc: 5.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



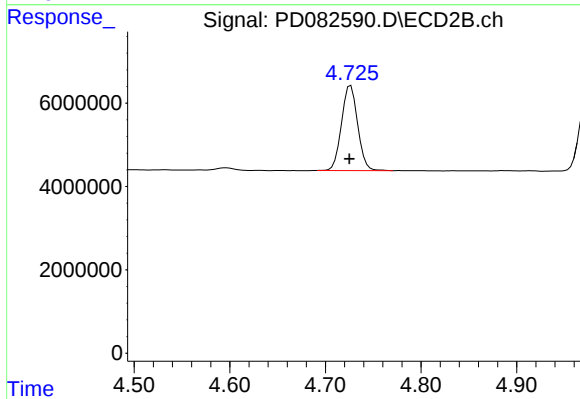
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: 0.000 min  
Response: 24693291  
Conc: 4.51 ng/ml



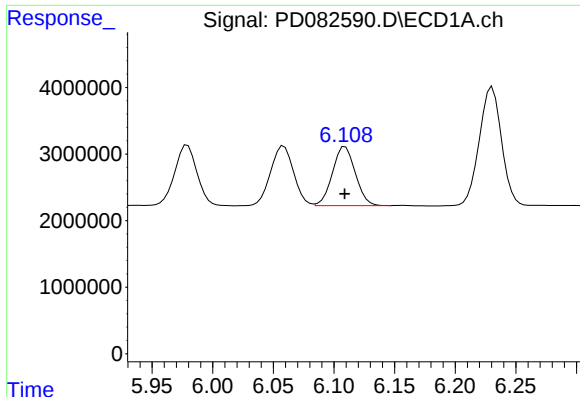
#8 Heptachlor epoxide

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 11948574  
Conc: 5.58 ng/ml



#8 Heptachlor epoxide

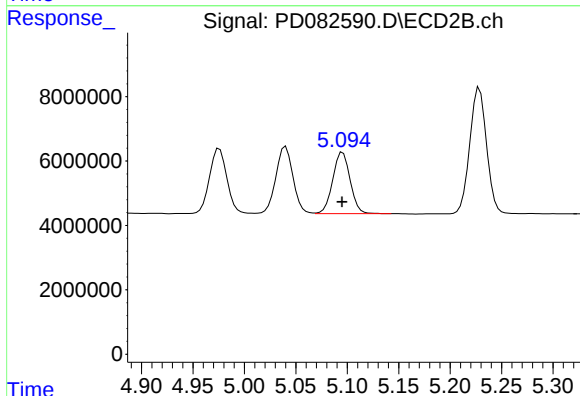
R.T.: 4.726 min  
Delta R.T.: 0.001 min  
Response: 24035618  
Conc: 4.95 ng/ml



#9 Endosulfan I

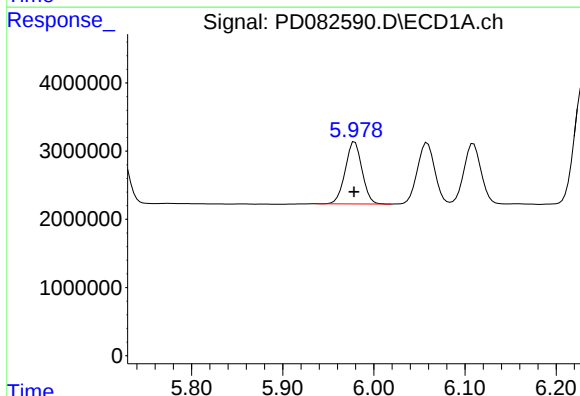
R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 11623950  
Conc: 5.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



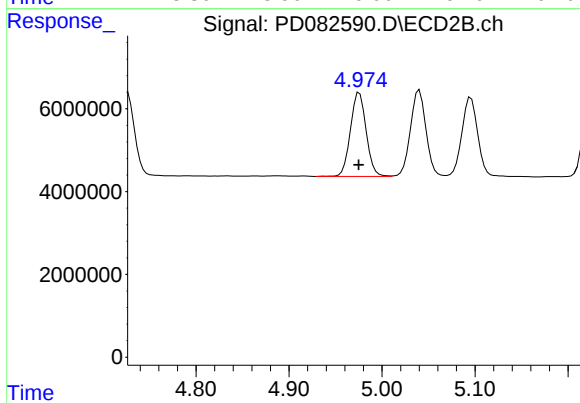
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 22543241  
Conc: 5.22 ng/ml



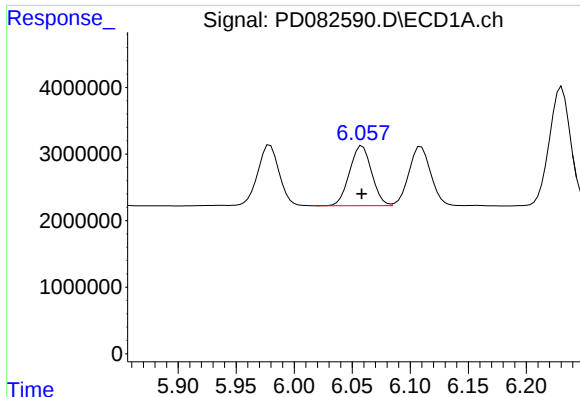
#10 trans-Chlordane

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 11653003  
Conc: 5.58 ng/ml



#10 trans-Chlordane

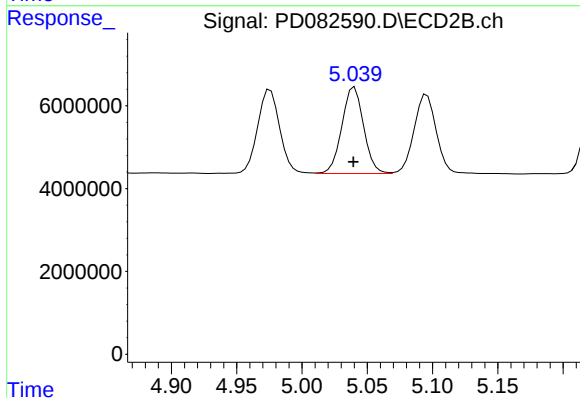
R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 23914738  
Conc: 5.07 ng/ml



#11 cis-Chlordane

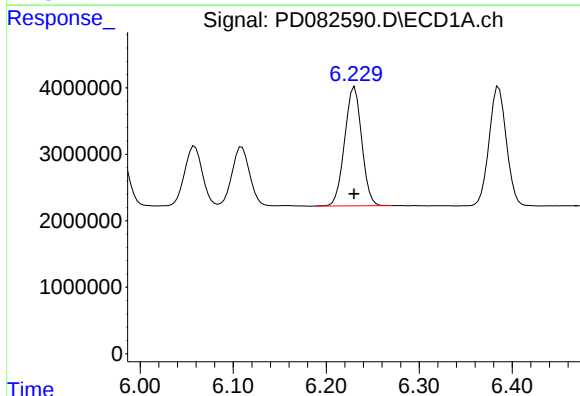
R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 11926723  
Conc: 5.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



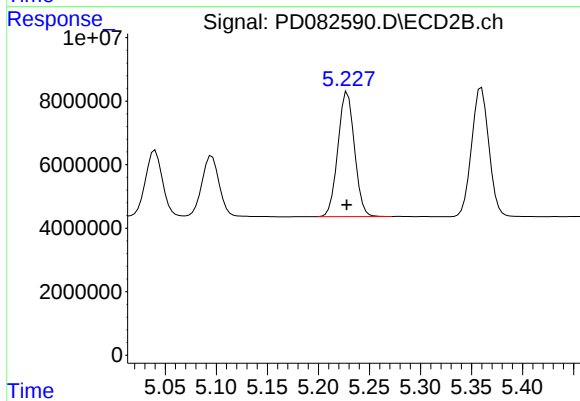
#11 cis-Chlordane

R.T.: 5.040 min  
Delta R.T.: 0.001 min  
Response: 24266217  
Conc: 5.02 ng/ml



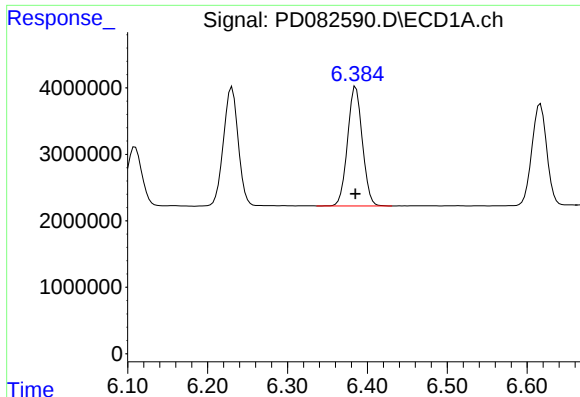
#12 4,4'-DDE

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 22809568  
Conc: 10.82 ng/ml



#12 4,4'-DDE

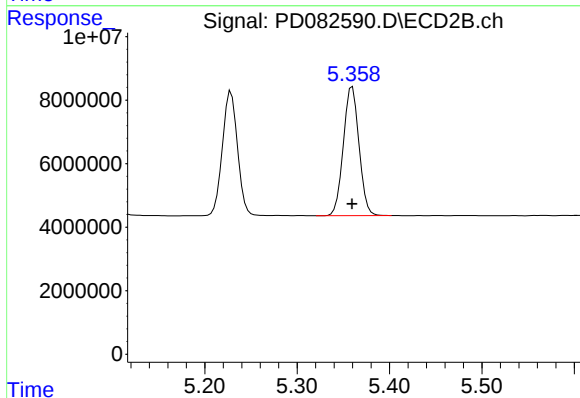
R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 44523603  
Conc: 9.72 ng/ml



#13 Dieldrin

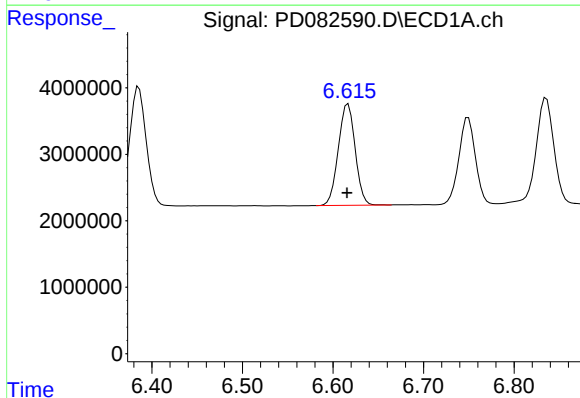
R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 23149502  
Conc: 10.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



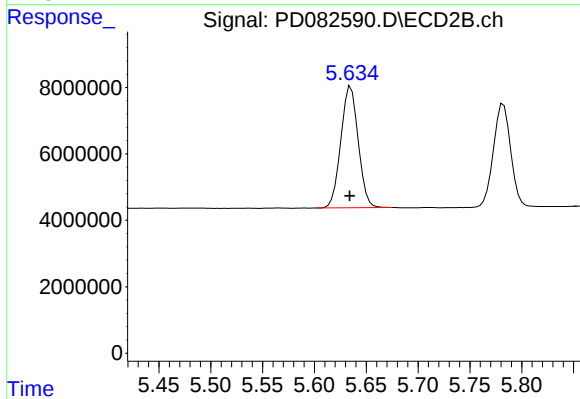
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 47864091  
Conc: 9.92 ng/ml



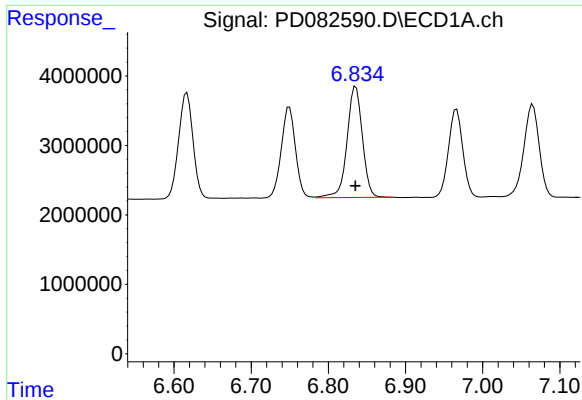
#14 Endrin

R.T.: 6.617 min  
Delta R.T.: 0.001 min  
Response: 19753137  
Conc: 10.81 ng/ml



#14 Endrin

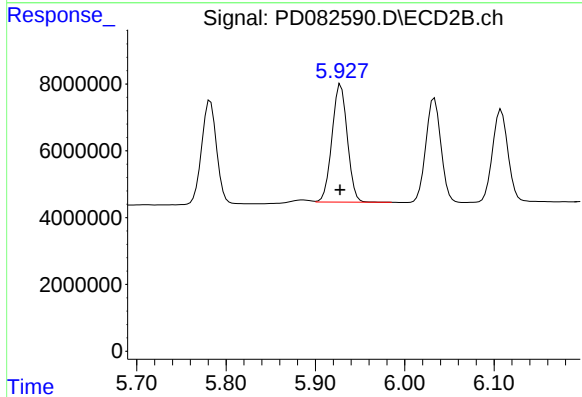
R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 42680106  
Conc: 10.08 ng/ml



#15 Endosulfan II

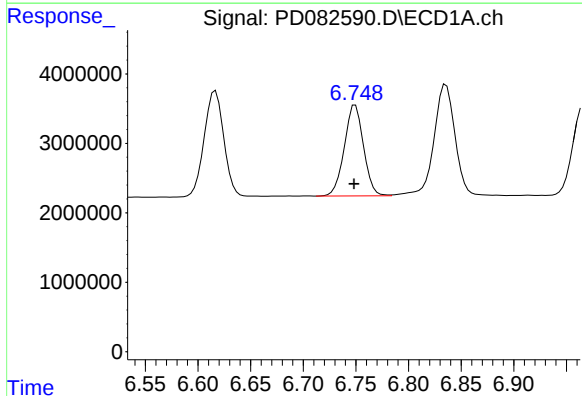
R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 22022412  
Conc: 11.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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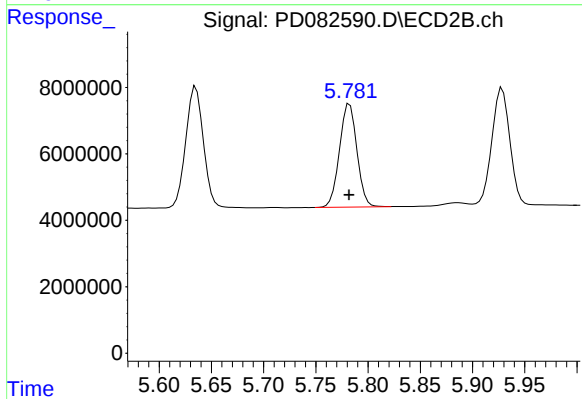
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.000 min  
Response: 42069466  
Conc: 10.36 ng/ml



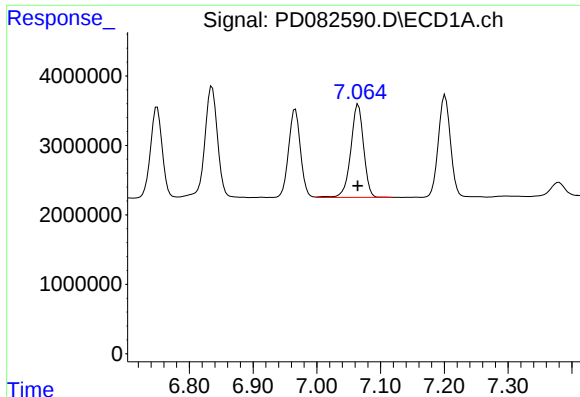
#16 4,4'-DDD

R.T.: 6.750 min  
Delta R.T.: 0.001 min  
Response: 16663193  
Conc: 10.91 ng/ml



#16 4,4'-DDD

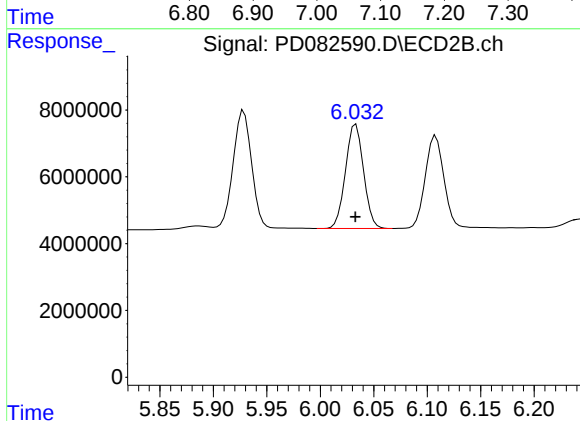
R.T.: 5.782 min  
Delta R.T.: 0.000 min  
Response: 36091473  
Conc: 10.14 ng/ml



#17 4,4'-DDT

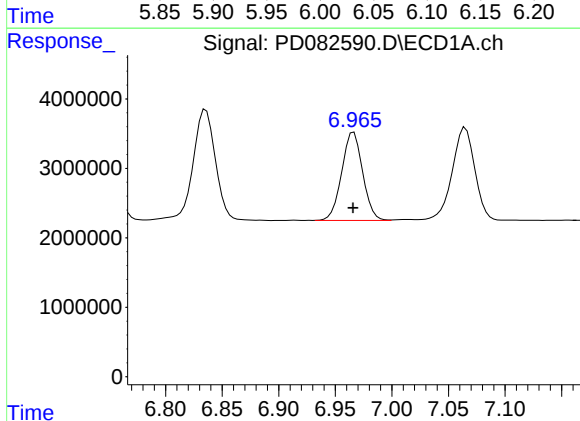
R.T.: 7.065 min  
Delta R.T.: 0.001 min  
Response: 18793844  
Conc: 11.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



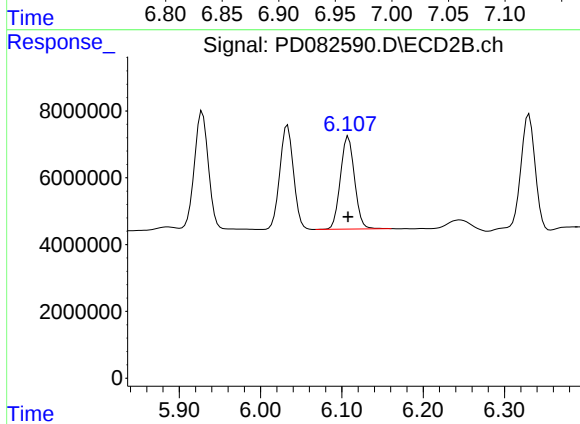
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 36714028  
Conc: 9.77 ng/ml



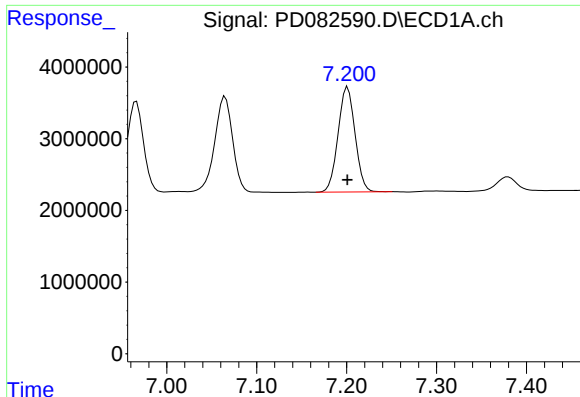
#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: 0.000 min  
Response: 16365678  
Conc: 11.23 ng/ml



#18 Endrin aldehyde

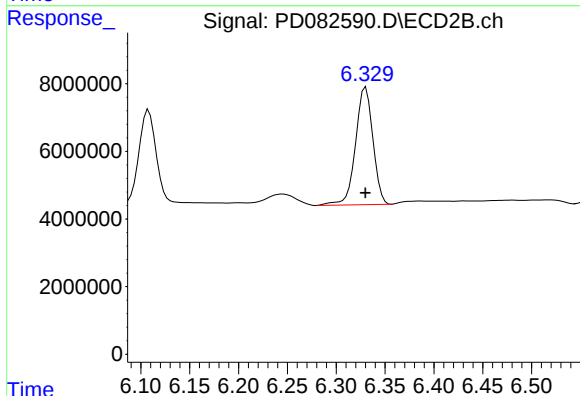
R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 33429074  
Conc: 10.16 ng/ml



#19 Endosulfan Sulfate

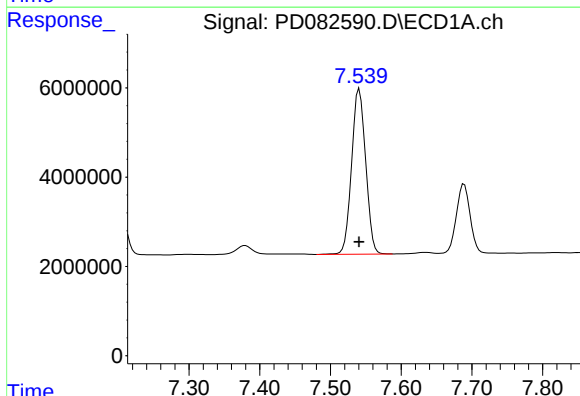
R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 19289745  
Conc: 11.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



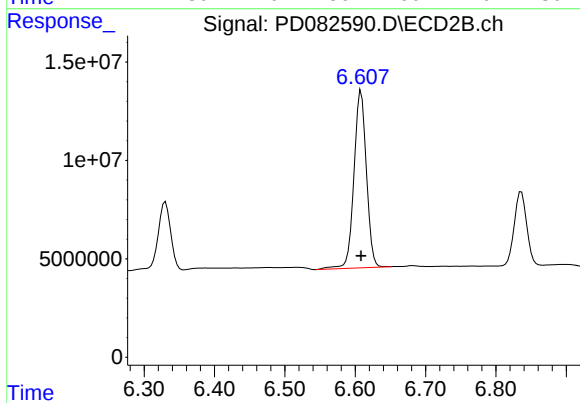
#19 Endosulfan Sulfate

R.T.: 6.330 min  
Delta R.T.: 0.000 min  
Response: 43009468  
Conc: 11.19 ng/ml



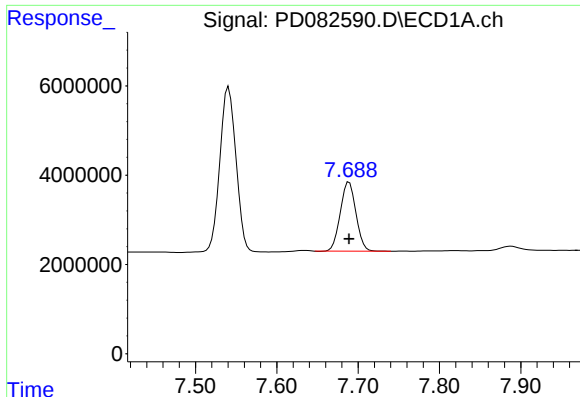
#20 Methoxychlor

R.T.: 7.541 min  
Delta R.T.: 0.000 min  
Response: 51255231  
Conc: 60.28 ng/ml



#20 Methoxychlor

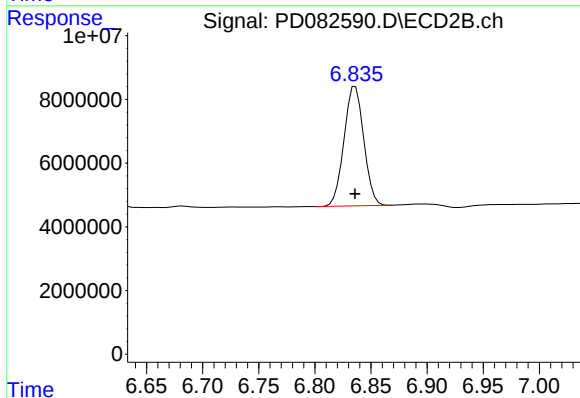
R.T.: 6.608 min  
Delta R.T.: 0.000 min  
Response: 111055125  
Conc: 58.91 ng/ml



#21 Endrin ketone

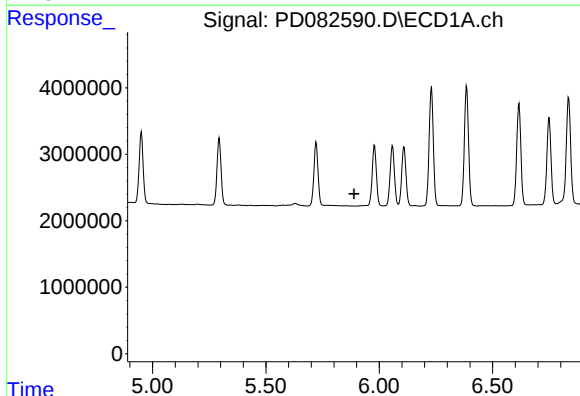
R.T.: 7.689 min  
Delta R.T.: 0.000 min  
Response: 20661555  
Conc: 11.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



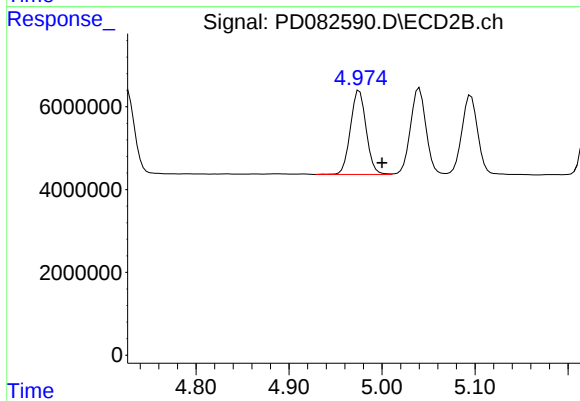
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 45930475  
Conc: 10.71 ng/ml



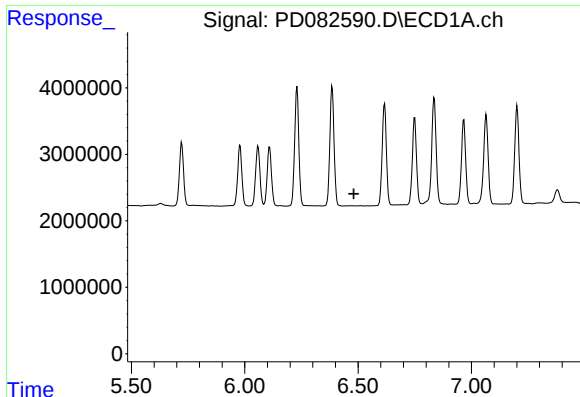
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.889 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

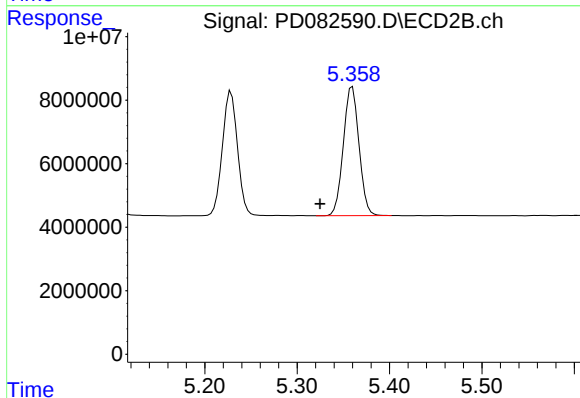
R.T.: 4.976 min  
Delta R.T.: -0.024 min  
Response: 23914738  
Conc: 974.95 ng/ml



#23 Toxaphene-2

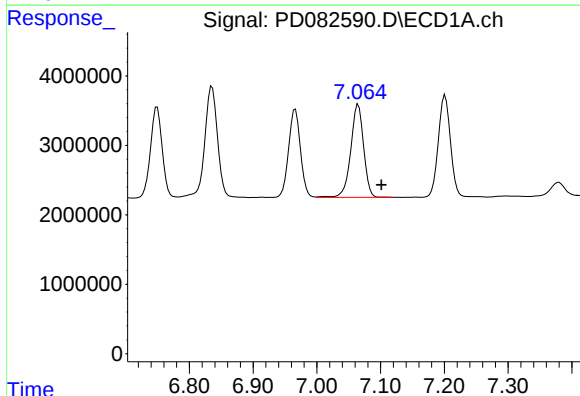
R.T.: 0.000 min  
Exp R.T.: 6.481 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



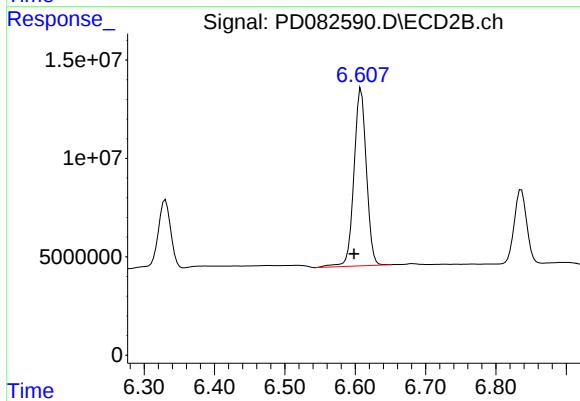
#23 Toxaphene-2

R.T.: 5.360 min  
Delta R.T.: 0.035 min  
Response: 47864091  
Conc: 1883.04 ng/ml



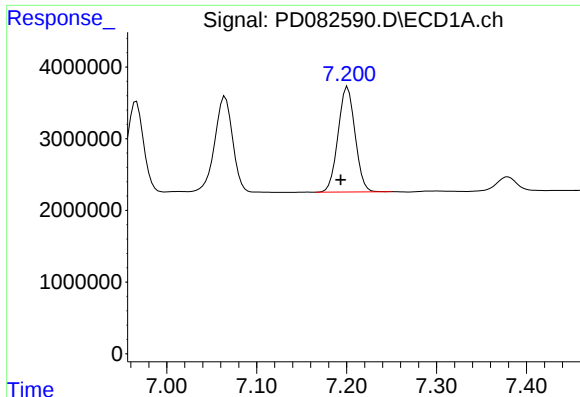
#24 Toxaphene-3

R.T.: 7.065 min  
Delta R.T.: -0.036 min  
Response: 18793844  
Conc: 366.21 ng/ml



#24 Toxaphene-3

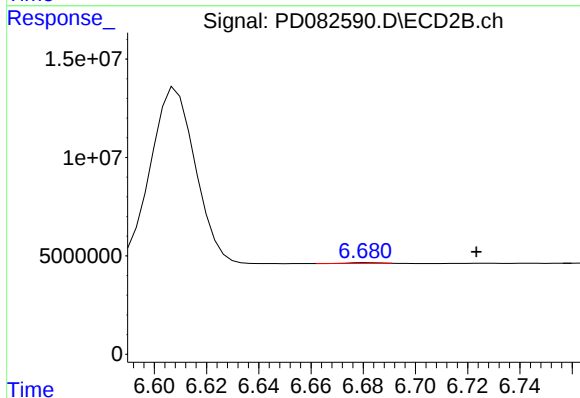
R.T.: 6.608 min  
Delta R.T.: 0.010 min  
Response: 111055125  
Conc: 1231.22 ng/ml



#25 Toxaphene-4

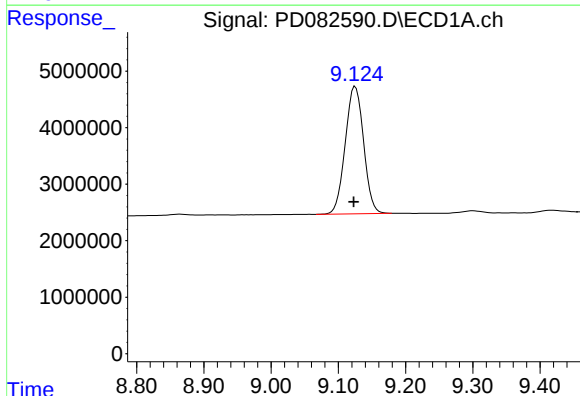
R.T.: 7.201 min  
Delta R.T.: 0.008 min  
Response: 19289745  
Conc: 499.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PLCS495



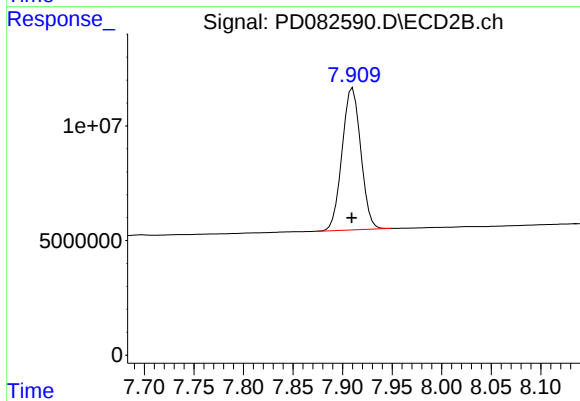
#25 Toxaphene-4

R.T.: 6.682 min  
Delta R.T.: -0.041 min  
Response: 272499  
Conc: 2.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.125 min  
Delta R.T.: 0.002 min  
Response: 42711796  
Conc: 21.92 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: 0.001 min  
Response: 81498339  
Conc: 21.60 ng/ml