

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
 Data File : PD086945.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Nov 2024 11:01  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 13:49:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 13:46:45 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... | 3.557  | 2.884  | 39428434 | 236.5E6  | 19.717  | 20.657  |
| 28)                         | SA Decachlor... | 9.087  | 8.087  | 66521357 | 295.0E6  | 20.912  | 21.177  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.006  | 3.398  | 36235993 | 190.6E6  | 9.005   | 10.819  |
| 3)                          | MA gamma-BHC... | 4.337  | 3.735  | 36102856 | 178.2E6  | 9.052   | 10.608  |
| 5)                          | MB Aldrin       | 0.000  | 4.370  | 0        | 1290468  | N.D.    | 0.077 # |
| 6)                          | B beta-BHC      | 4.521  | 4.030  | 16665842 | 81282986 | 10.567  | 11.349  |
| 7)                          | B delta-BHC     | 4.784  | 4.266  | 264371   | 655108   | 0.065   | 0.039 # |
| 8)                          | B Heptachlo...  | 5.690  | 4.903f | 141188   | 282752   | 0.039   | 0.019 # |
| 9)                          | A Endosulfan I  | 6.051f | 5.251  | 165556   | 1107057  | 0.049   | 0.078 # |
| 10)                         | B gamma-Chl...  | 0.000  | 5.135  | 0        | 227266   | N.D.    | 0.015 # |
| 11)                         | B alpha-Chl...  | 6.051f | 5.201  | 165556   | 525189   | 0.046   | 0.034 # |
| 12)                         | B 4,4'-DDE      | 6.210  | 5.386  | 281717   | 1670166  | 0.087   | 0.111 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.524  | 0        | 112512   | N.D.    | 0.007 # |
| 14)                         | MA Endrin       | 6.584  | 5.798  | 139.0E6  | 647.4E6  | 45.935  | 46.283  |
| 15)                         | B Endosulfa...  | 6.814f | 6.098  | 960944   | 1680748  | 0.321   | 0.122 # |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.941  | 1036377  | 4921823  | 0.399   | 0.392   |
| 17)                         | MA 4,4'-DDT     | 7.031  | 6.195  | 289.8E6  | 1248.5E6 | 102.603 | 93.631  |
| 18)                         | B Endrin al...  | 6.924  | 6.268  | 3281809  | 20413104 | 1.342   | 1.840 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.494  | 0        | 782958   | N.D.    | 0.058 # |
| 20)                         | A Methoxychlor  | 7.503  | 6.766  | 379.1E6  | 1394.5E6 | 237.067 | 194.401 |
| 21)                         | B Endrin ke...  | 7.639  | 7.001  | 6424480  | 39136716 | 1.980   | 2.597 # |
| 22)                         | Mirex           | 0.000  | 7.191  | 0        | 1109790  | N.D.    | 0.090 # |
| 23)                         | Chlordane-1     | 0.000  | 3.942f | 0        | 1897836  | N.D.    | 3.647 # |
| 24)                         | Chlordane-2     | 0.000  | 4.493  | 0        | 570665   | N.D.    | 1.024 # |
| 25)                         | Chlordane-3     | 0.000  | 5.135  | 0        | 227266   | N.D.    | 0.137 # |
| 26)                         | Chlordane-4     | 6.051  | 5.201  | 165556   | 525189   | 0.251   | 0.375 # |
| 27)                         | Chlordane-5     | 0.000  | 6.098  | 0        | 1680748  | N.D.    | 2.623 # |
| -----                       |                 |        |        |          |          |         |         |

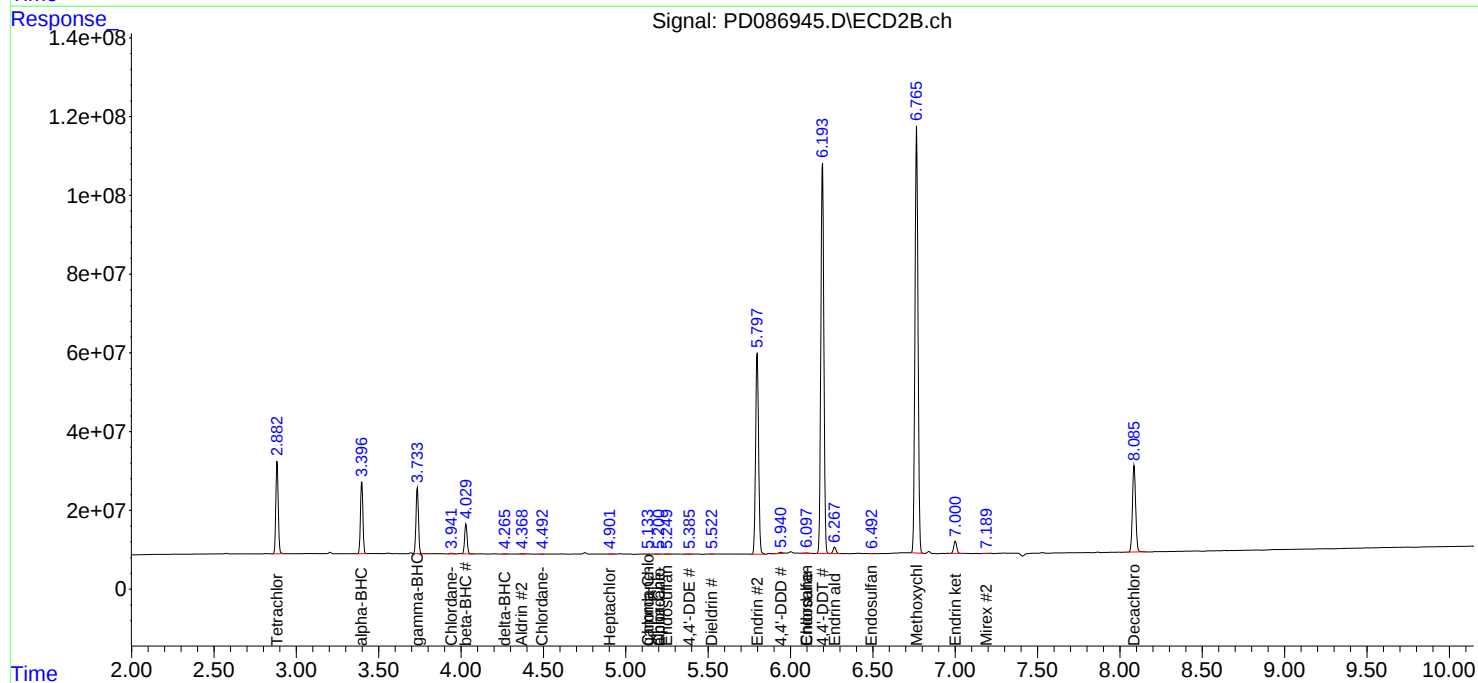
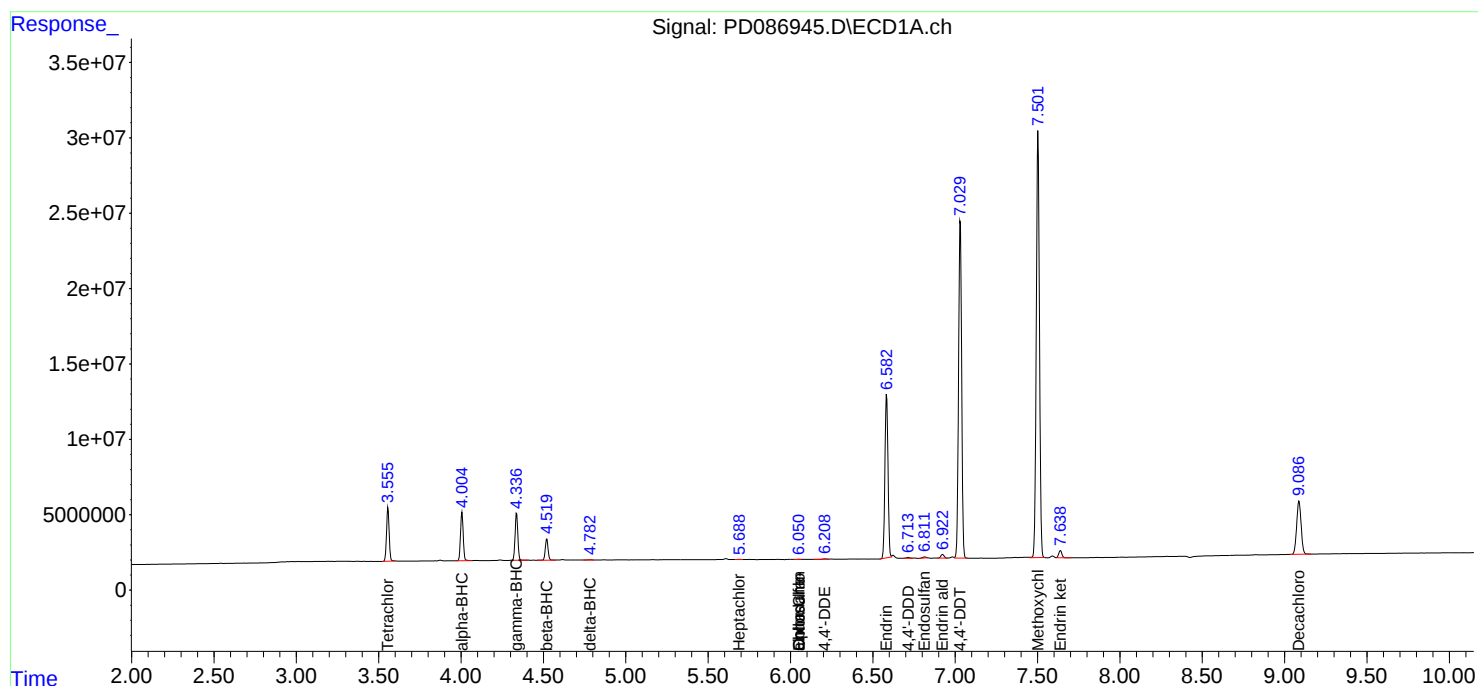
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

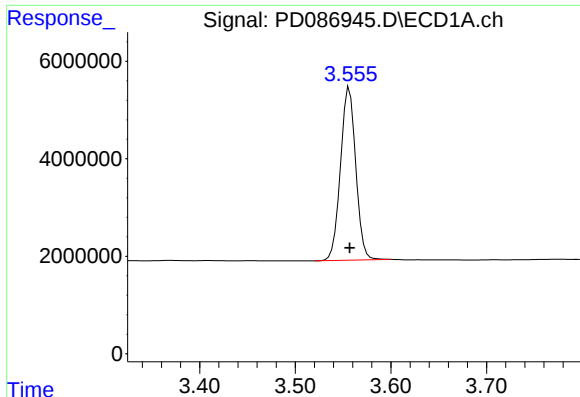
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
Data File : PD086945.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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ALS Vial : 3 Sample Multiplier: 1

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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

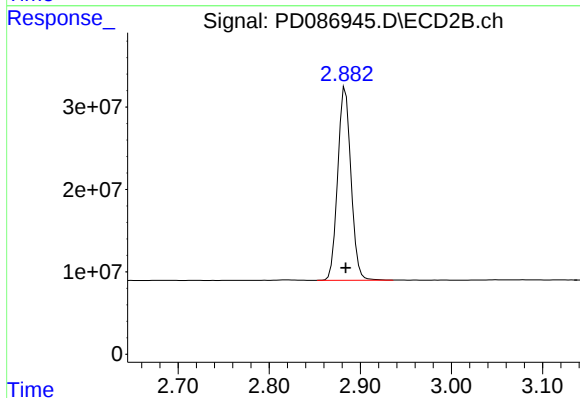




#1 Tetrachloro-m-xylene

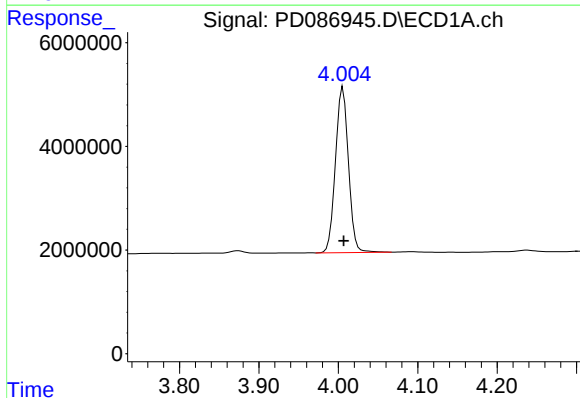
R.T.: 3.557 min  
Delta R.T.: 0.000 min  
Response: 39428434  
Conc: 19.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



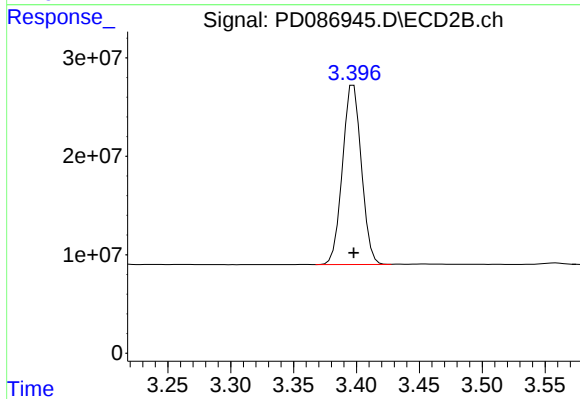
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 236451486  
Conc: 20.66 ng/ml



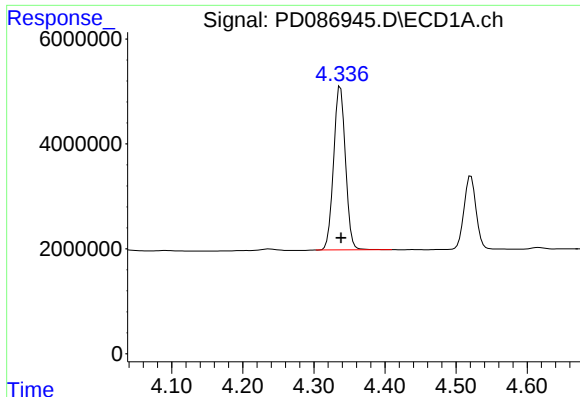
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 36235993  
Conc: 9.00 ng/ml



#2 alpha-BHC

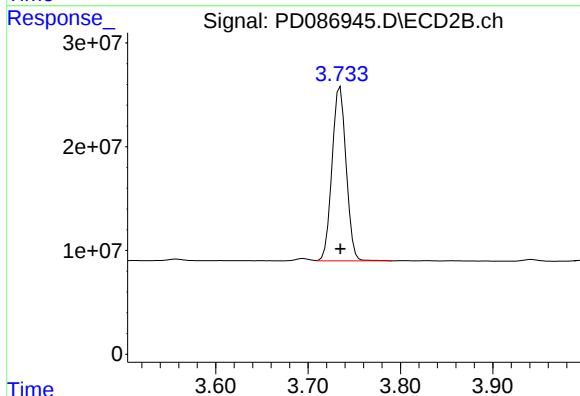
R.T.: 3.398 min  
Delta R.T.: 0.000 min  
Response: 190641909  
Conc: 10.82 ng/ml



#3 gamma-BHC (Lindane)

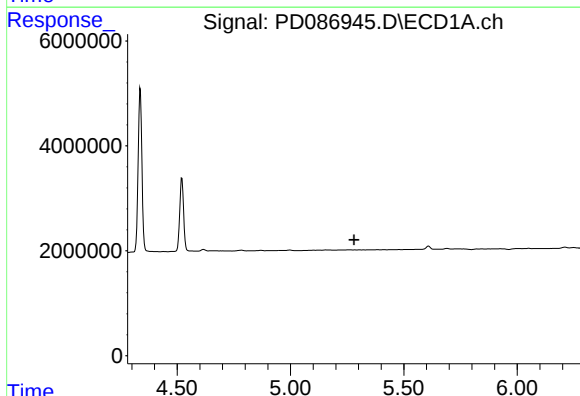
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 36102856  
Conc: 9.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



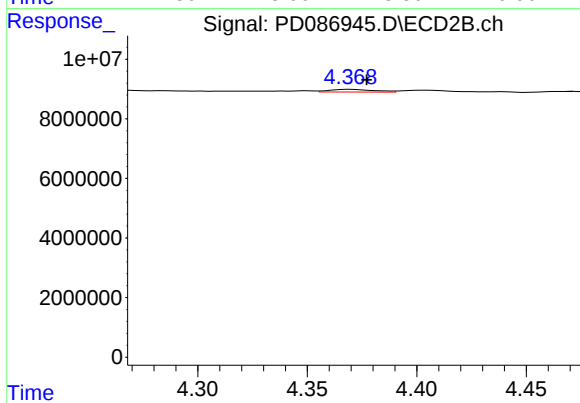
#3 gamma-BHC (Lindane)

R.T.: 3.735 min  
Delta R.T.: 0.000 min  
Response: 178166236  
Conc: 10.61 ng/ml



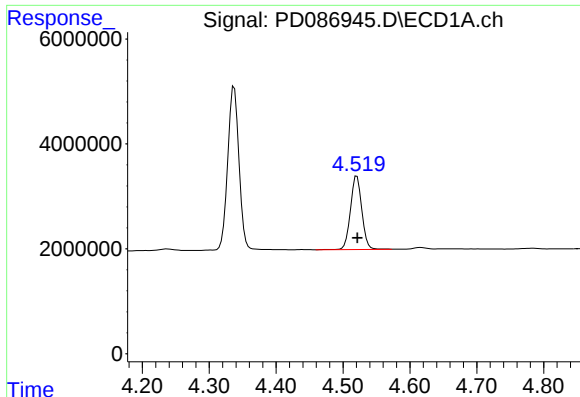
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.280 min  
Response: 0  
Conc: N.D.



#5 Aldrin

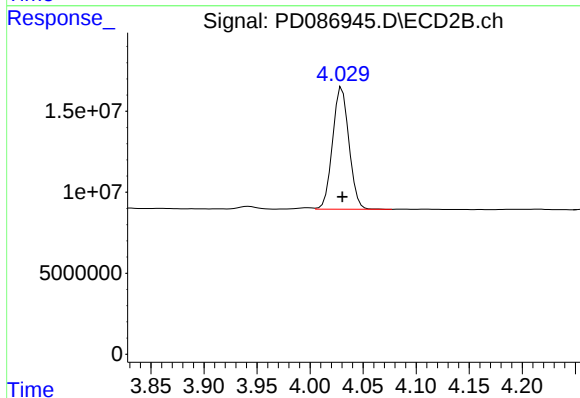
R.T.: 4.370 min  
Delta R.T.: -0.007 min  
Response: 1290468  
Conc: 0.08 ng/ml



#6 beta-BHC

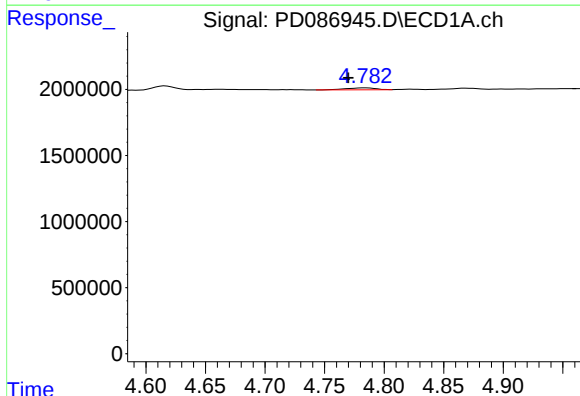
R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 16665842  
Conc: 10.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



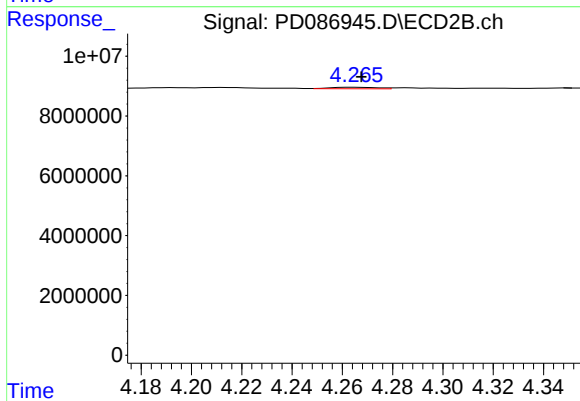
#6 beta-BHC

R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 81282986  
Conc: 11.35 ng/ml



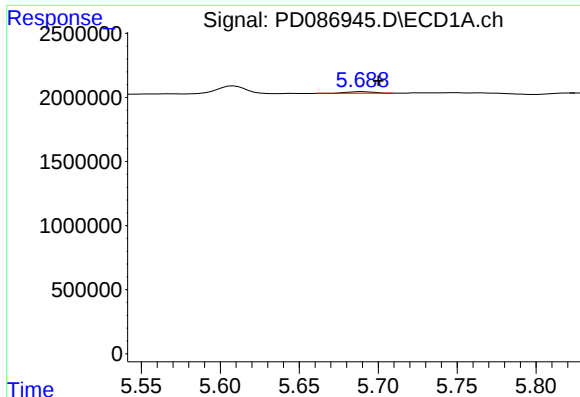
#7 delta-BHC

R.T.: 4.784 min  
Delta R.T.: 0.014 min  
Response: 264371  
Conc: 0.06 ng/ml



#7 delta-BHC

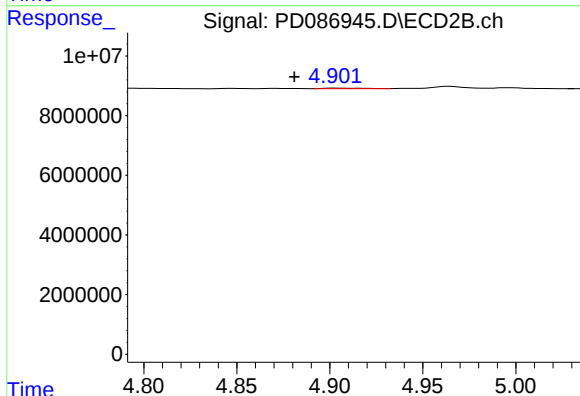
R.T.: 4.266 min  
Delta R.T.: -0.002 min  
Response: 655108  
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

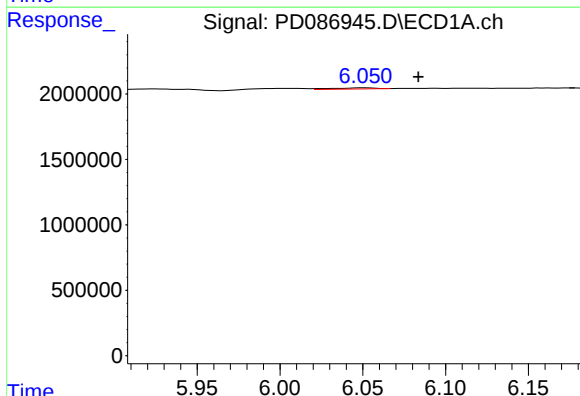
R.T.: 5.690 min  
Delta R.T.: -0.010 min  
Response: 141188  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



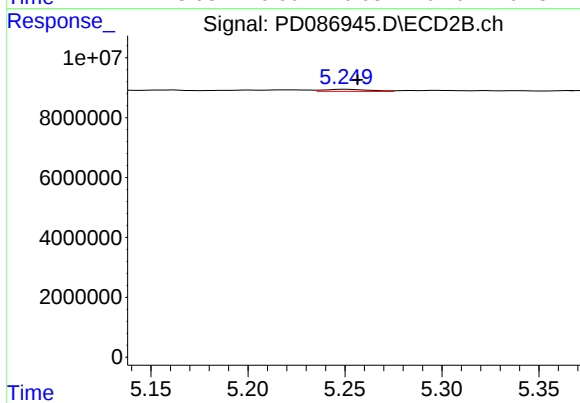
#8 Heptachlor epoxide

R.T.: 4.903 min  
Delta R.T.: 0.022 min  
Response: 282752  
Conc: 0.02 ng/ml



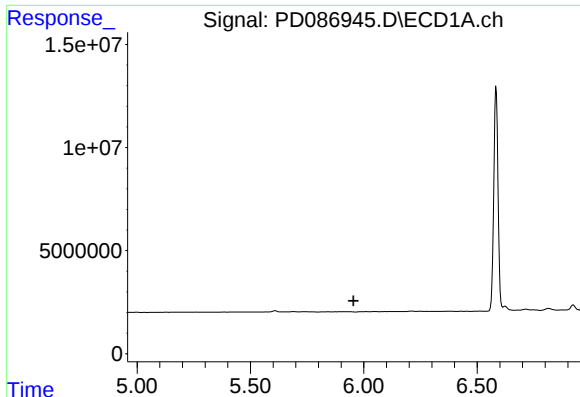
#9 Endosulfan I

R.T.: 6.051 min  
Delta R.T.: -0.032 min  
Response: 165556  
Conc: 0.05 ng/ml



#9 Endosulfan I

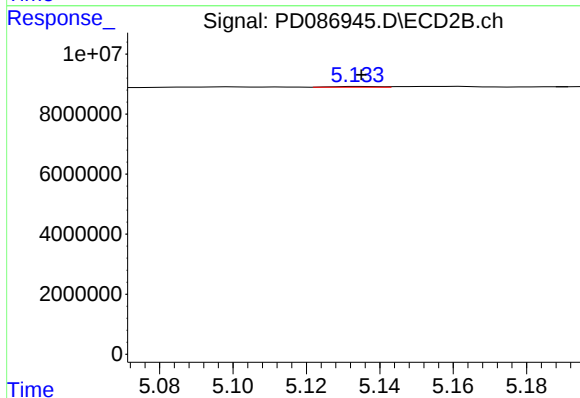
R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 1107057  
Conc: 0.08 ng/ml



#10 gamma-Chlordane

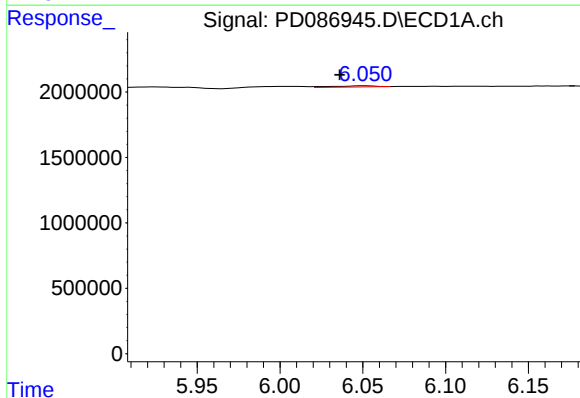
R.T.: 0.000 min  
Exp R.T.: 5.955 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



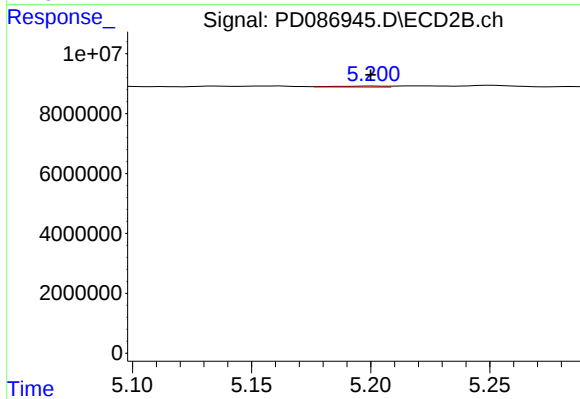
#10 gamma-Chlordane

R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 227266  
Conc: 0.01 ng/ml



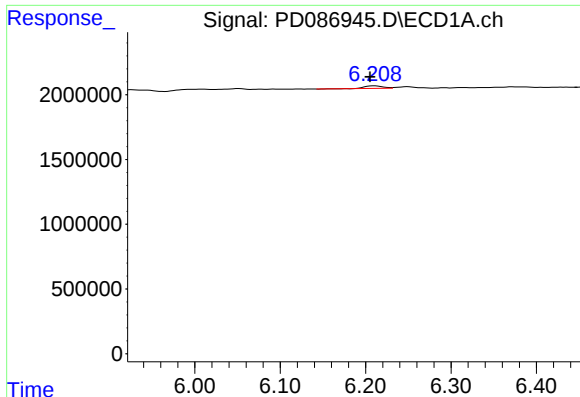
#11 alpha-Chlordane

R.T.: 6.051 min  
Delta R.T.: 0.016 min  
Response: 165556  
Conc: 0.05 ng/ml



#11 alpha-Chlordane

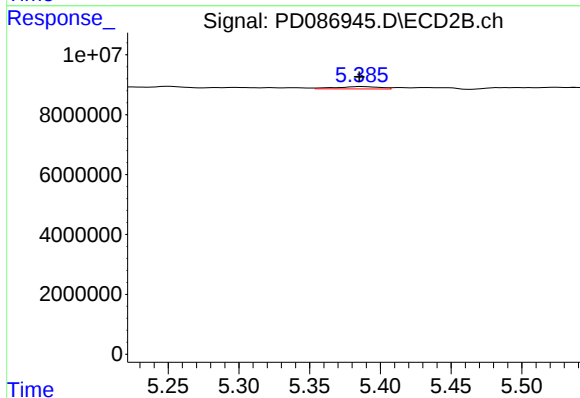
R.T.: 5.201 min  
Delta R.T.: 0.001 min  
Response: 525189  
Conc: 0.03 ng/ml



#12 4,4'-DDE

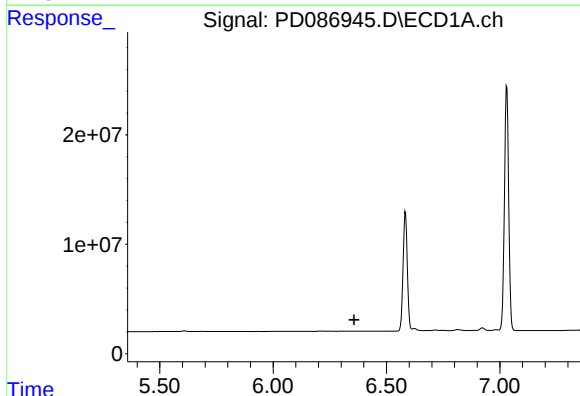
R.T.: 6.210 min  
Delta R.T.: 0.005 min  
Response: 281717  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



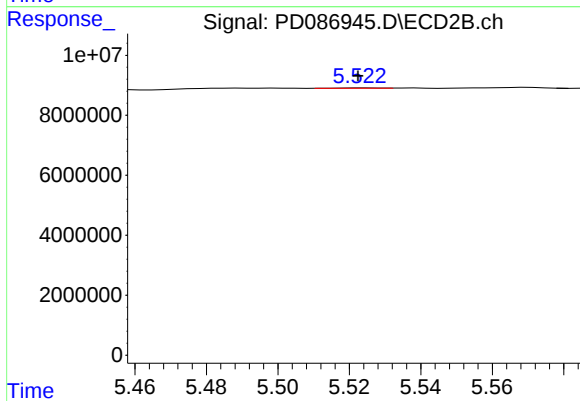
#12 4,4'-DDE

R.T.: 5.386 min  
Delta R.T.: 0.001 min  
Response: 1670166  
Conc: 0.11 ng/ml



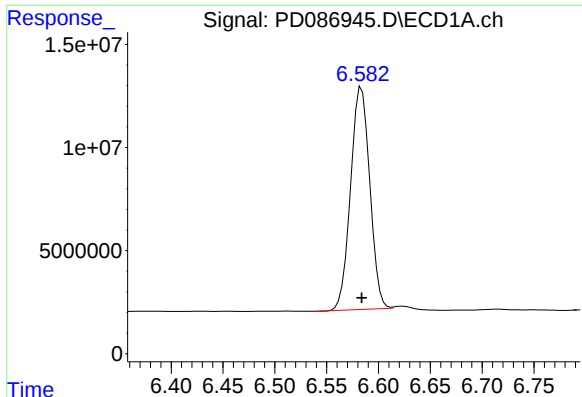
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.357 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

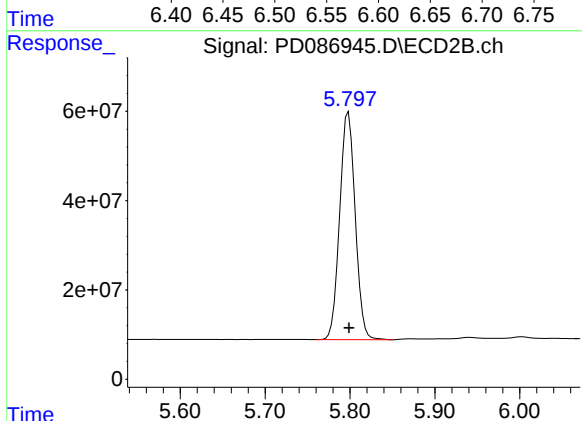
R.T.: 5.524 min  
Delta R.T.: 0.001 min  
Response: 112512  
Conc: 0.01 ng/ml



#14 Endrin

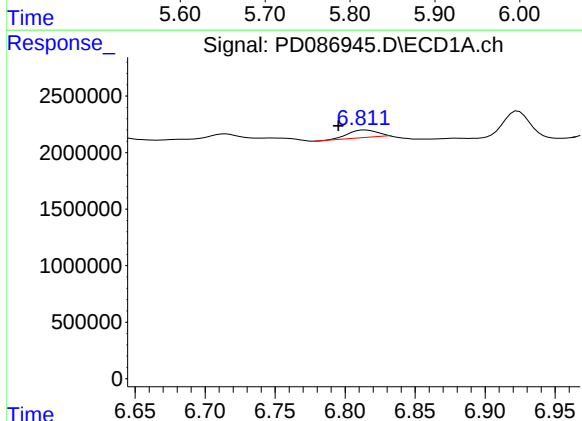
R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 138997277  
Conc: 45.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



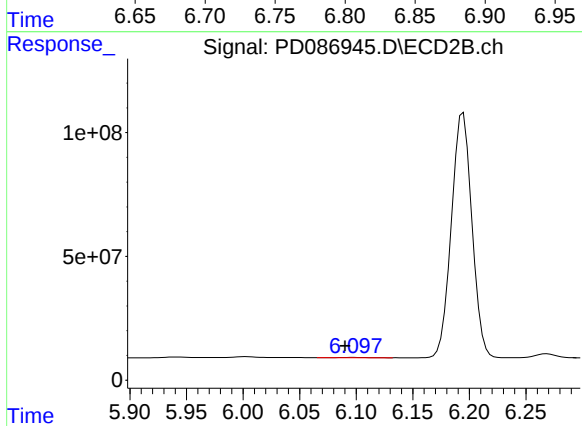
#14 Endrin

R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 647435177  
Conc: 46.28 ng/ml



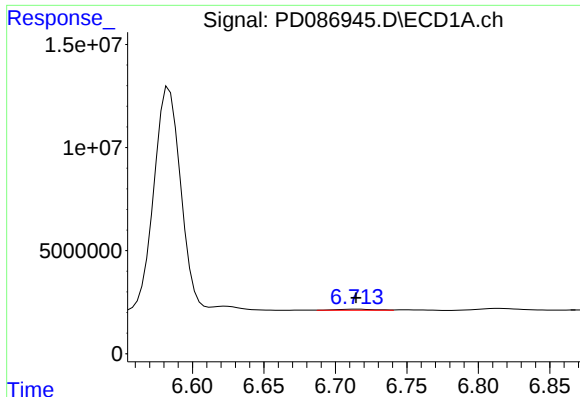
#15 Endosulfan II

R.T.: 6.814 min  
Delta R.T.: 0.019 min  
Response: 960944  
Conc: 0.32 ng/ml



#15 Endosulfan II

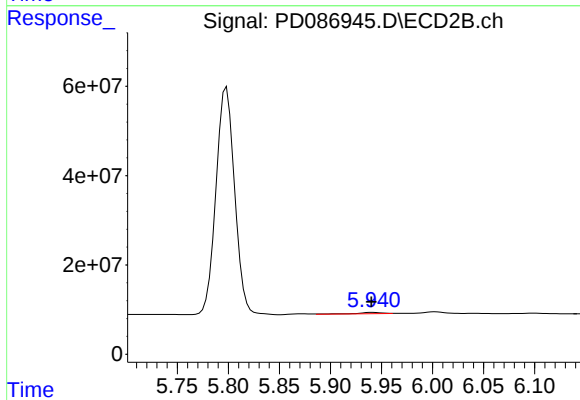
R.T.: 6.098 min  
Delta R.T.: 0.008 min  
Response: 1680748  
Conc: 0.12 ng/ml



#16 4,4'-DDD

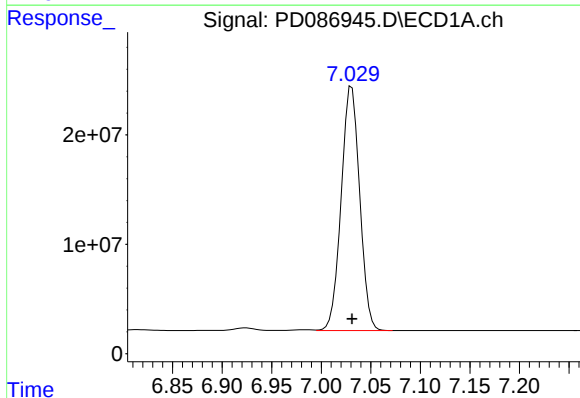
R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 1036377  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



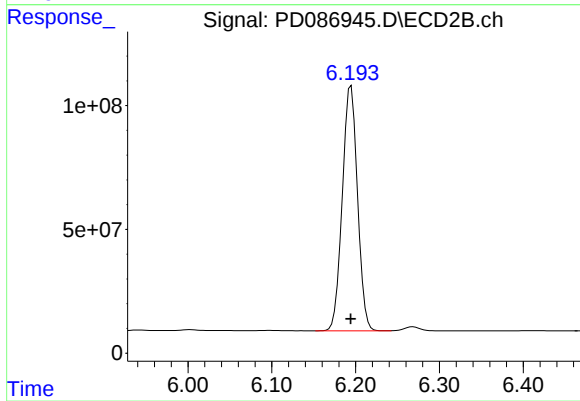
#16 4,4'-DDD

R.T.: 5.941 min  
Delta R.T.: 0.001 min  
Response: 4921823  
Conc: 0.39 ng/ml



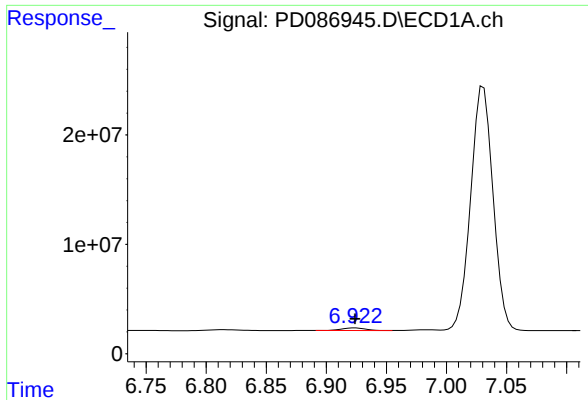
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 289843343  
Conc: 102.60 ng/ml



#17 4,4'-DDT

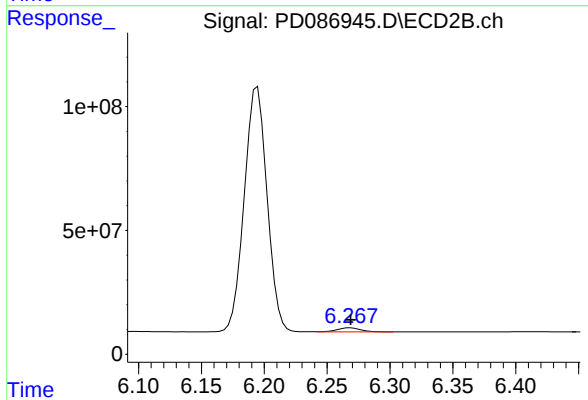
R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 1248459342  
Conc: 93.63 ng/ml



#18 Endrin aldehyde

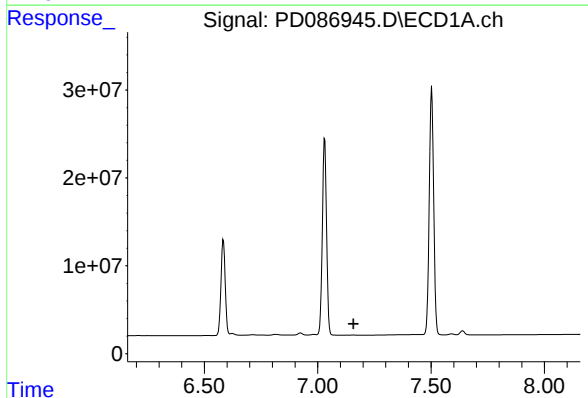
R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 3281809  
Conc: 1.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



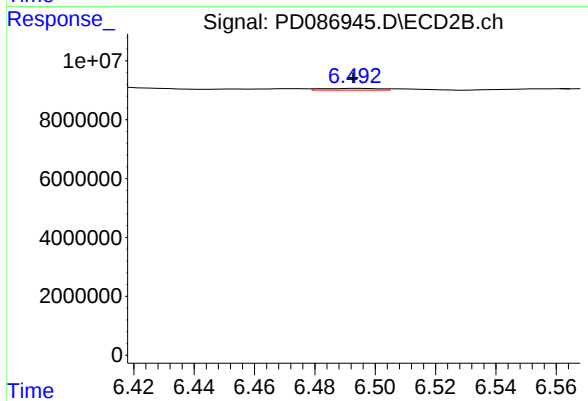
#18 Endrin aldehyde

R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 20413104  
Conc: 1.84 ng/ml



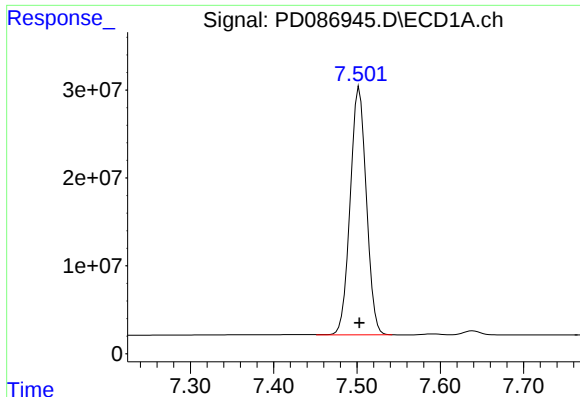
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.158 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

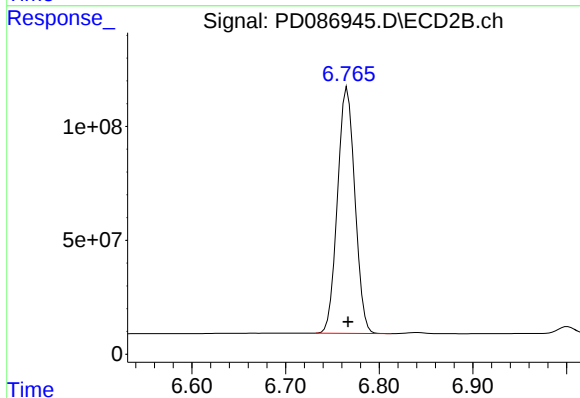
R.T.: 6.494 min  
Delta R.T.: 0.001 min  
Response: 782958  
Conc: 0.06 ng/ml



#20 Methoxychlor

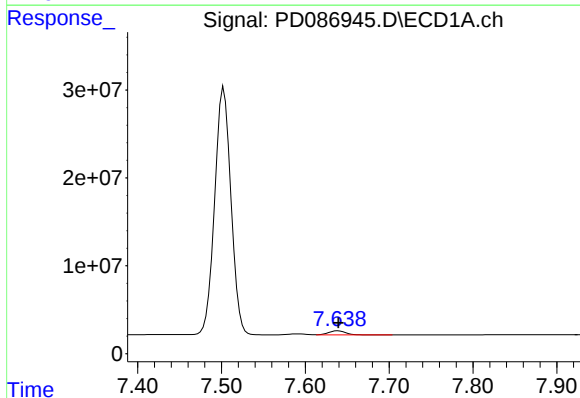
R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 379137929  
Conc: 237.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



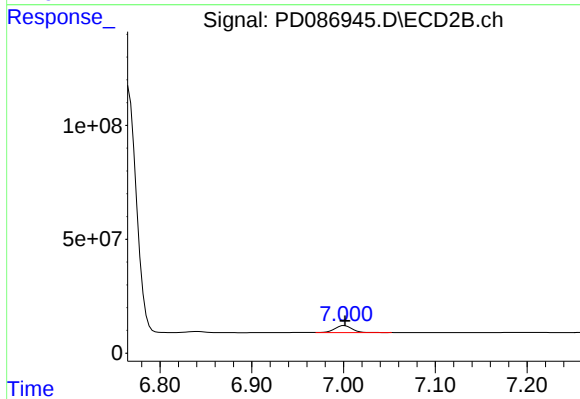
#20 Methoxychlor

R.T.: 6.766 min  
Delta R.T.: 0.000 min  
Response: 1394480011  
Conc: 194.40 ng/ml



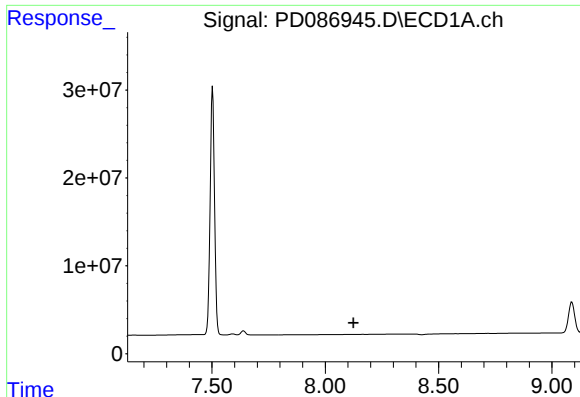
#21 Endrin ketone

R.T.: 7.639 min  
Delta R.T.: 0.000 min  
Response: 6424480  
Conc: 1.98 ng/ml



#21 Endrin ketone

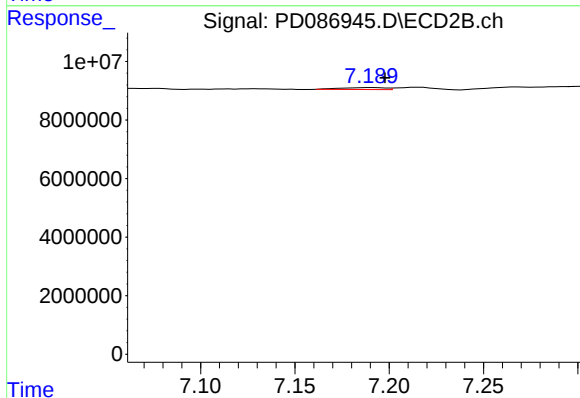
R.T.: 7.001 min  
Delta R.T.: 0.000 min  
Response: 39136716  
Conc: 2.60 ng/ml



#22 Mirex

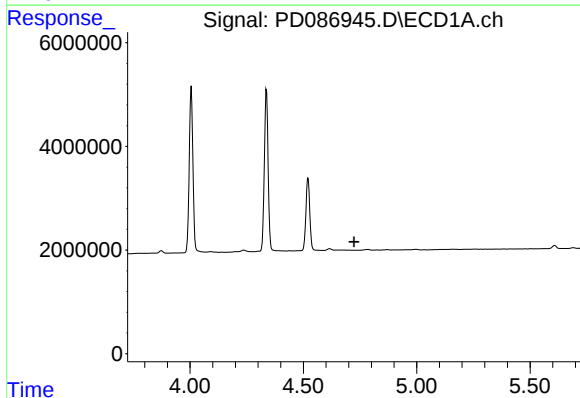
R.T.: 0.000 min  
Exp R.T.: 8.125 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



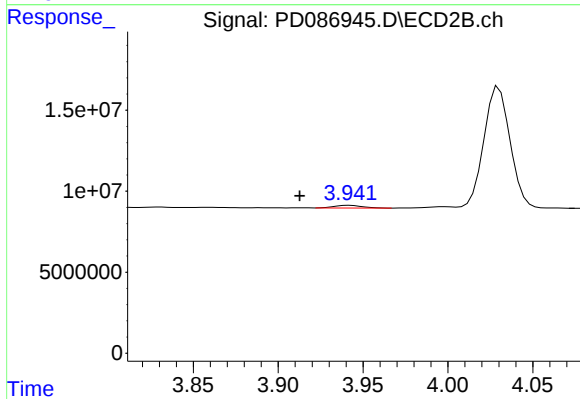
#22 Mirex

R.T.: 7.191 min  
Delta R.T.: -0.007 min  
Response: 1109790  
Conc: 0.09 ng/ml



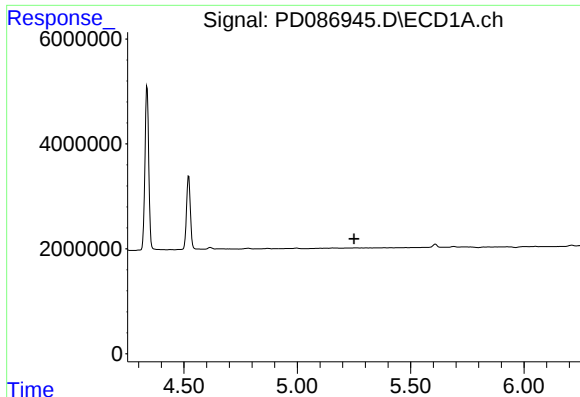
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.724 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

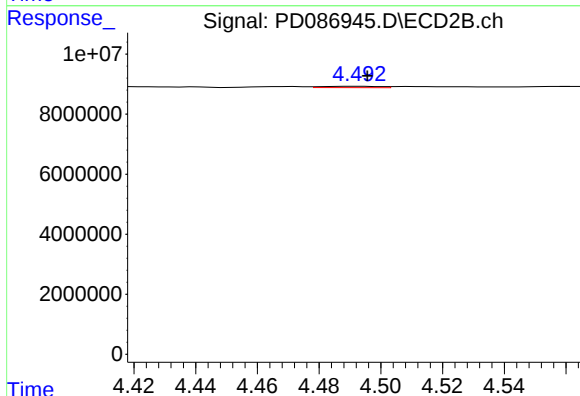
R.T.: 3.942 min  
Delta R.T.: 0.030 min  
Response: 1897836  
Conc: 3.65 ng/ml



#24 Chlordane-2

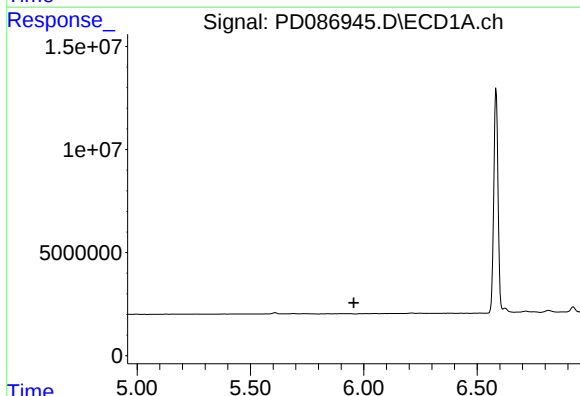
R.T.: 0.000 min  
Exp R.T.: 5.250 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



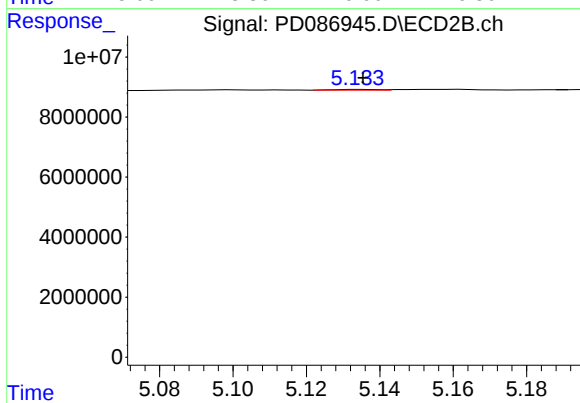
#24 Chlordane-2

R.T.: 4.493 min  
Delta R.T.: -0.002 min  
Response: 570665  
Conc: 1.02 ng/ml



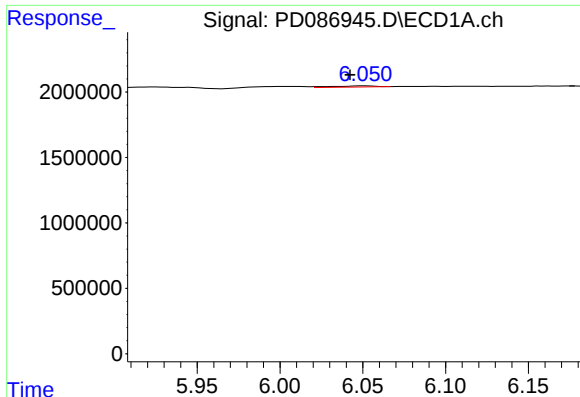
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.956 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

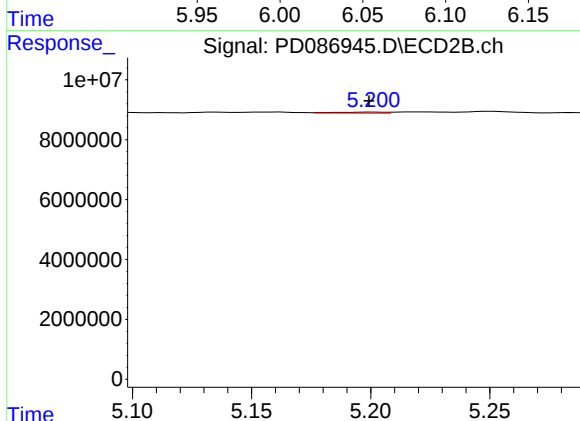
R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 227266  
Conc: 0.14 ng/ml



#26 Chlordane-4

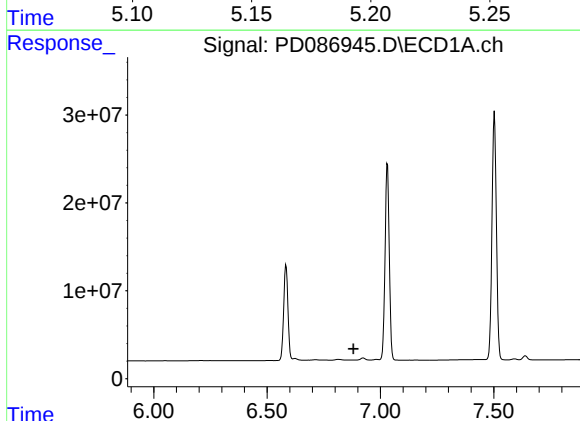
R.T.: 6.051 min  
Delta R.T.: 0.009 min  
Response: 165556  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



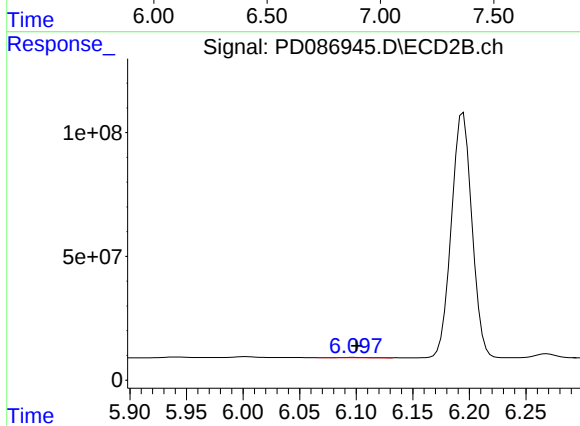
#26 Chlordane-4

R.T.: 5.201 min  
Delta R.T.: 0.002 min  
Response: 525189  
Conc: 0.37 ng/ml



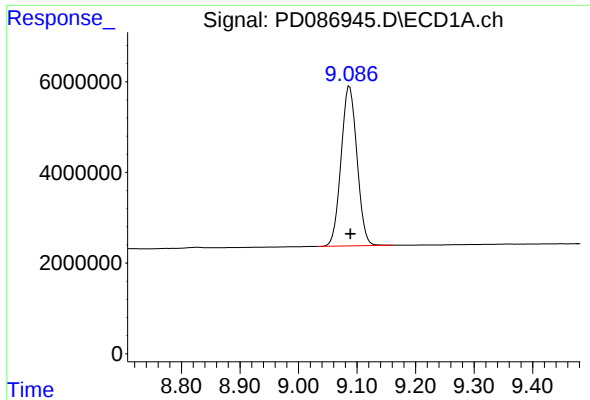
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.882 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

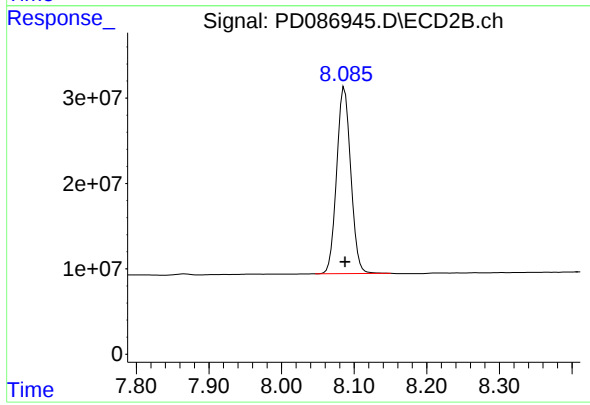
R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 1680748  
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.001 min  
Response: 66521357  
Conc: 20.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.087 min  
Delta R.T.: 0.000 min  
Response: 295049017  
Conc: 21.18 ng/ml