

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021524\  
 Data File : PL088098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Feb 2024 19:23  
 Operator : AR\AJ  
 Sample : RESCHK  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 06:00:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 05:54:49 2024  
 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 x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|--------|----------|----------|---------|----------|
| -----                       |                 |       |        |          |          |         |          |
| System Monitoring Compounds |                 |       |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.636 | 2.853  | 52926508 | 26133312 | 19.269  | 18.633   |
| 28)                         | SA Decachlor... | 9.304 | 8.084  | 43251632 | 25898458 | 22.338  | 19.318   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000 | 3.375  | 0        | 33509    | N.D.    | 0.016 #  |
| 3)                          | MA gamma-BHC... | 0.000 | 3.694  | 0        | 20601    | N.D.    | 0.010 #  |
| 4)                          | MA Heptachlor   | 5.040 | 4.052  | 360132   | 230910   | 0.094   | 0.127 #  |
| 5)                          | MB Aldrin       | 0.000 | 4.339  | 0        | 219048   | N.D.    | 0.113 #  |
| 6)                          | B beta-BHC      | 0.000 | 4.017  | 0        | 154490   | N.D.    | 0.174 #  |
| 7)                          | B delta-BHC     | 0.000 | 4.242  | 0        | 61298    | N.D.    | 0.031 #  |
| 8)                          | B Heptachlo...  | 0.000 | 4.838  | 0        | 305127   | N.D.    | 0.172 #  |
| 9)                          | A Endosulfan I  | 6.208 | 5.226  | 26959434 | 13328304 | 8.614   | 8.297    |
| 10)                         | B gamma-Chl...  | 6.077 | 5.105  | 30799443 | 16028963 | 9.063   | 9.025    |
| 11)                         | B alpha-Chl...  | 0.000 | 5.162  | 0        | 192324   | N.D.    | 0.108 #  |
| 12)                         | B 4,4'-DDE      | 6.332 | 5.363  | 55865994 | 28363414 | 18.420  | 17.845   |
| 13)                         | MA Dieldrin     | 6.487 | 5.496  | 59050675 | 30282231 | 17.959  | 17.551   |
| 14)                         | MA Endrin       | 0.000 | 5.793f | 0        | 889953   | N.D.    | 0.593 #  |
| 15)                         | B Endosulfa...  | 6.944 | 6.072  | 1790364  | 1198307  | 0.632   | 0.774    |
| 17)                         | MA 4,4'-DDT     | 0.000 | 6.182  | 0        | 3028     | N.D.    | 0.002 #  |
| 18)                         | B Endrin al...  | 0.000 | 6.262  | 0        | 163022   | N.D.    | 0.149 #  |
| 19)                         | B Endosulfa...  | 7.308 | 6.480  | 49915192 | 25918245 | 19.160  | 18.455   |
| 20)                         | A Methoxychlor  | 7.654 | 6.764  | 134.4E6  | 71286292 | 104.155 | 90.955   |
| 21)                         | B Endrin ke...  | 7.800 | 6.993  | 54720338 | 29644100 | 19.548  | 17.706   |
| 23)                         | Chlordane-1     | 0.000 | 3.892f | 0        | 46543    | N.D.    | 0.903 #  |
| 24)                         | Chlordane-2     | 0.000 | 4.450  | 0        | 38135    | N.D.    | 0.601 #  |
| 25)                         | Chlordane-3     | 6.077 | 5.105  | 30799443 | 16028963 | 60.980  | 86.086 # |
| 26)                         | Chlordane-4     | 0.000 | 5.162  | 0        | 192324   | N.D.    | 1.112 #  |
| 27)                         | Chlordane-5     | 7.021 | 0.000  | 284310   | 0        | 2.809   | N.D. #   |
| -----                       |                 |       |        |          |          |         |          |

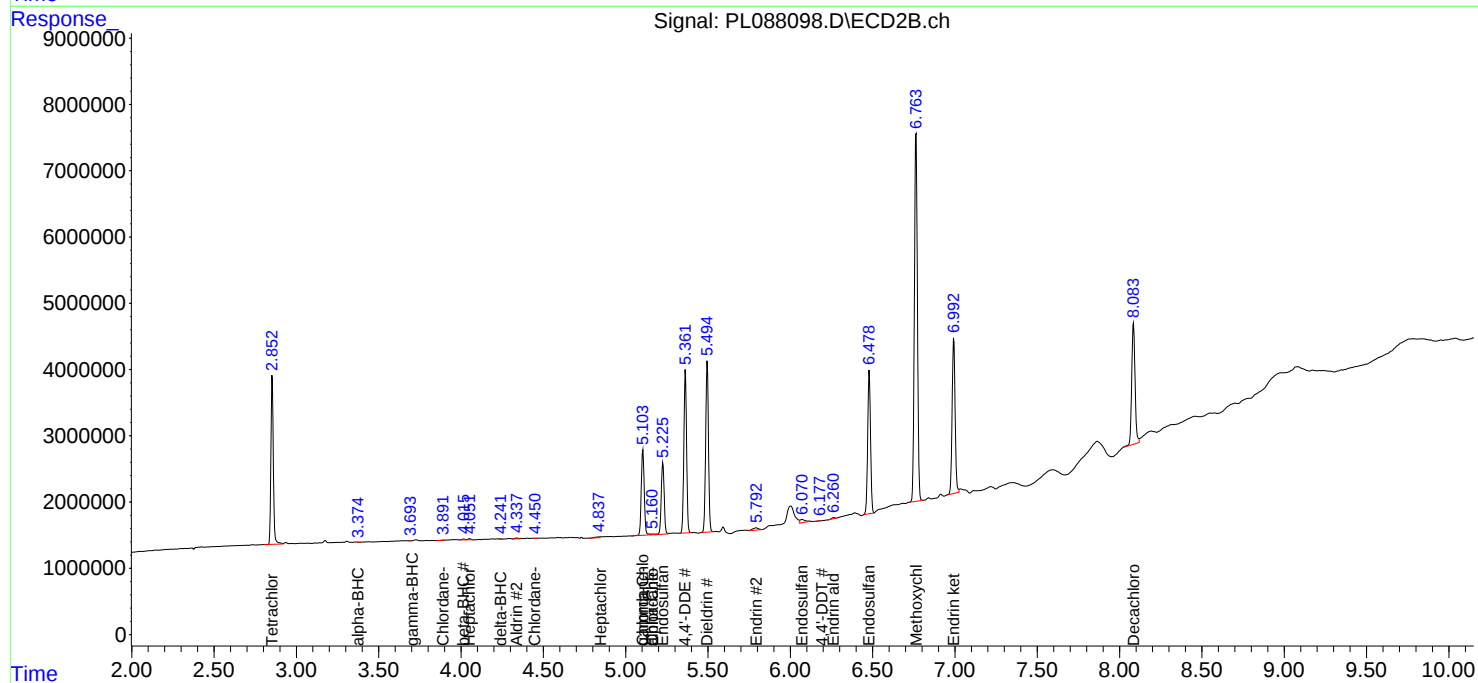
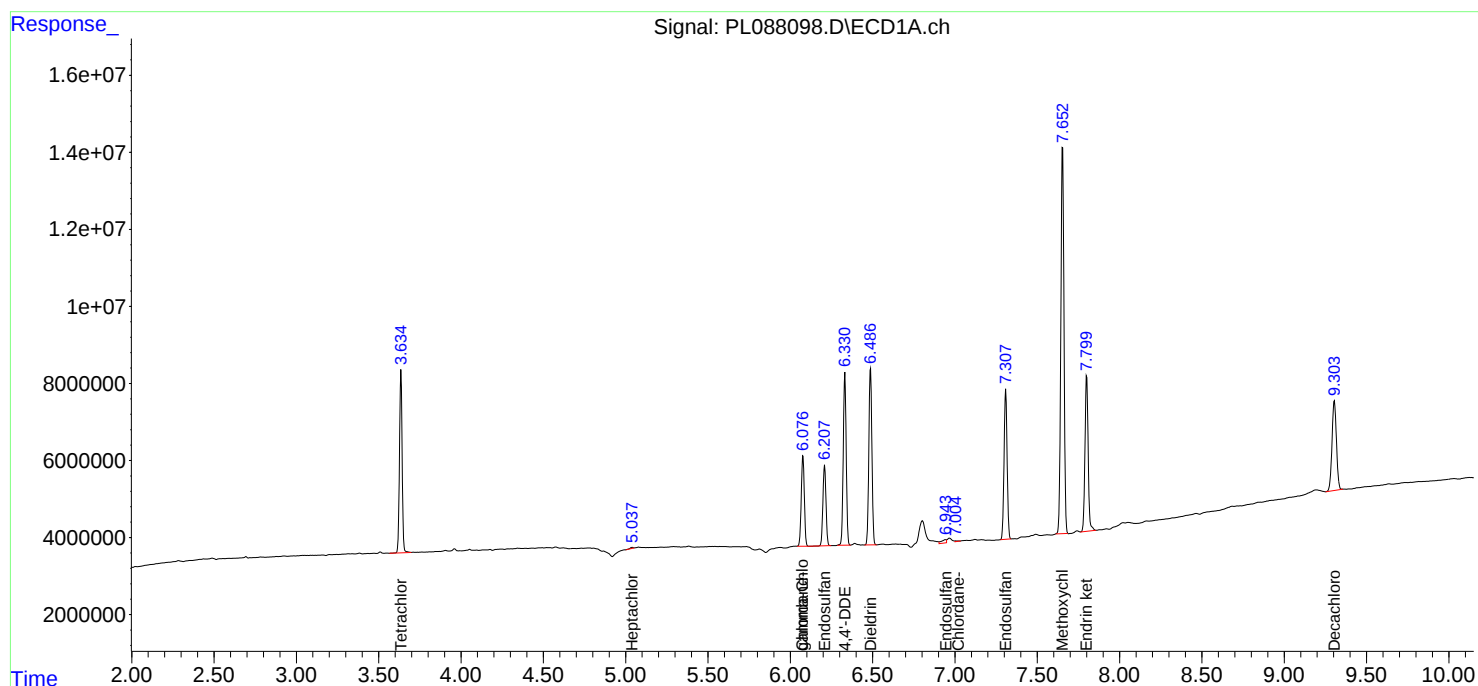
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

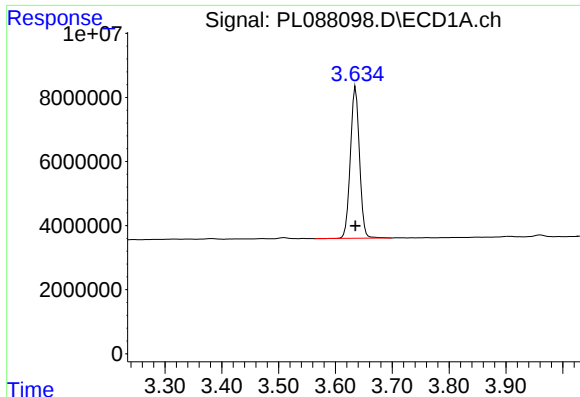
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021524\  
Data File : PL088098.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Feb 2024 19:23  
Operator : AR\AJ  
Sample : RESCHK  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 16 06:00:18 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 05:54:49 2024  
Response via : Initial Calibration  
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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 x0.5µm

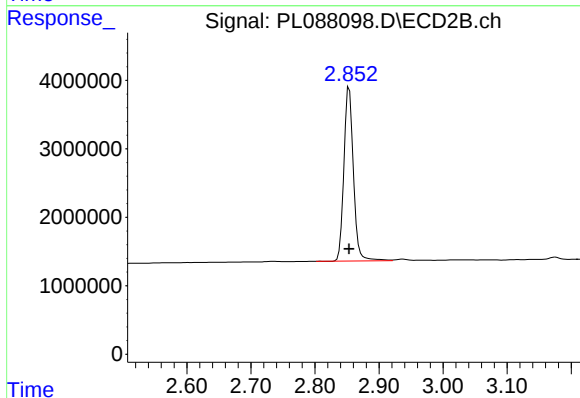




#1 Tetrachloro-m-xylene

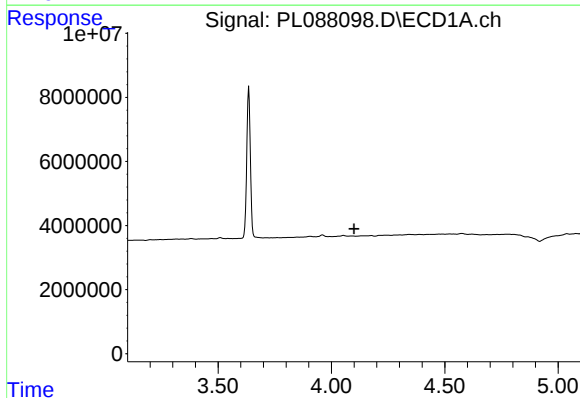
R.T.: 3.636 min  
Delta R.T.: 0.000 min  
Response: 52926508  
Conc: 19.27 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



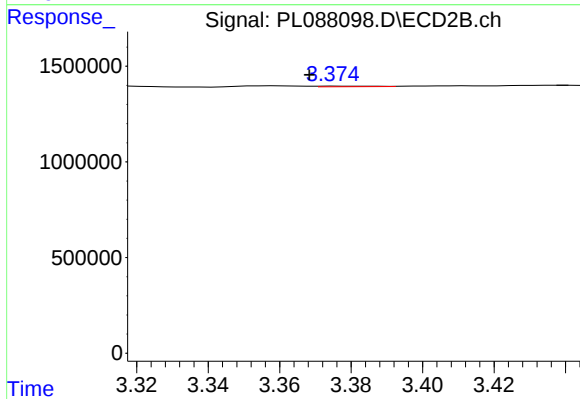
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 26133312  
Conc: 18.63 ng/ml



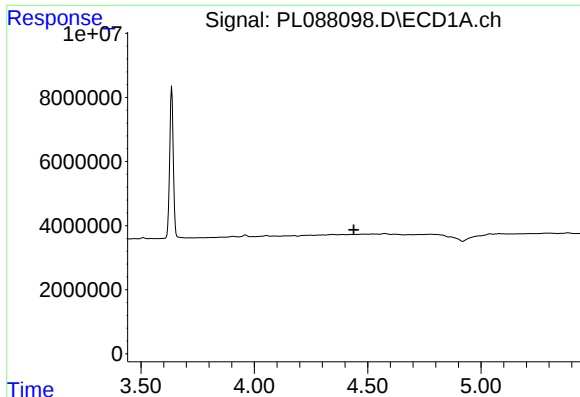
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.100 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

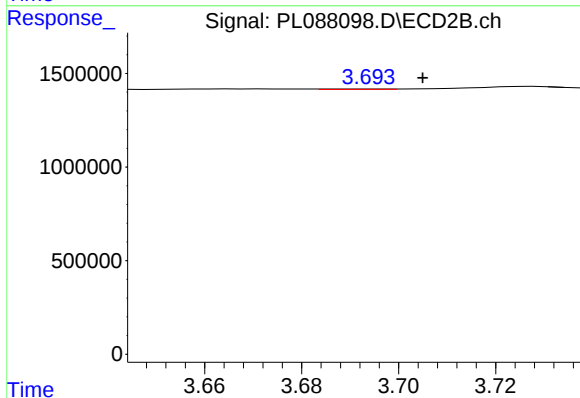
R.T.: 3.375 min  
Delta R.T.: 0.007 min  
Response: 33509  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

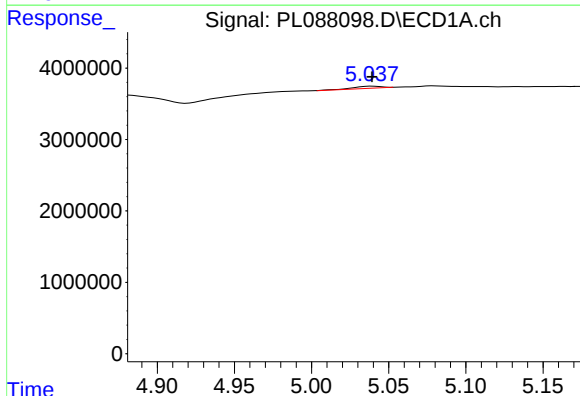
R.T.: 0.000 min  
Exp R.T.: 4.438 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :



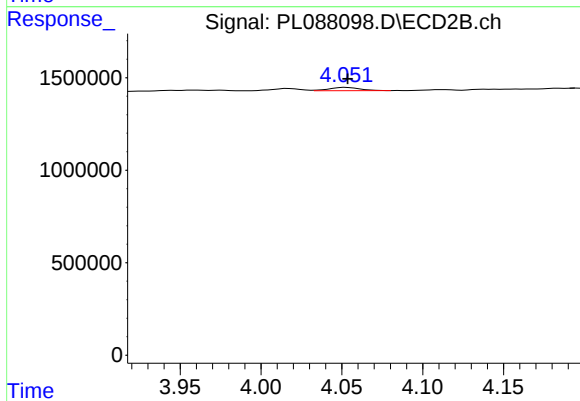
#3 gamma-BHC (Lindane)

R.T.: 3.694 min  
Delta R.T.: -0.011 min  
Response: 20601  
Conc: 0.01 ng/ml



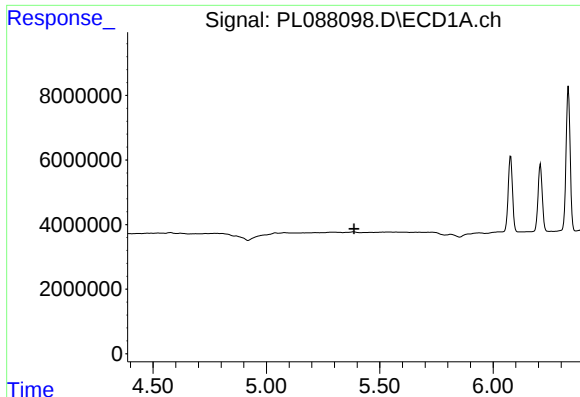
#4 Heptachlor

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 360132  
Conc: 0.09 ng/ml



#4 Heptachlor

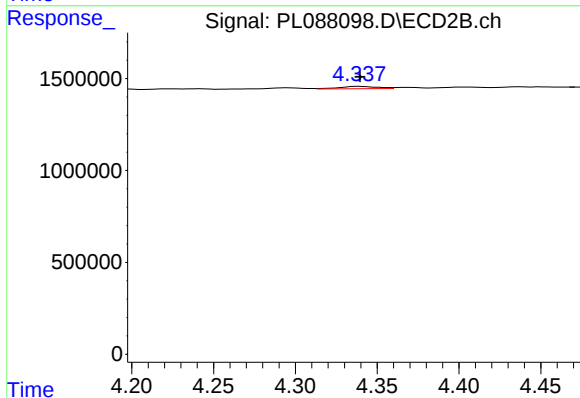
R.T.: 4.052 min  
Delta R.T.: -0.001 min  
Response: 230910  
Conc: 0.13 ng/ml



#5 Aldrin

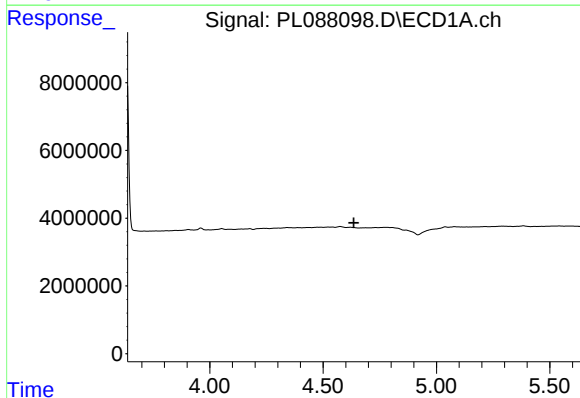
R.T.: 0.000 min  
Exp R.T.: 5.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :



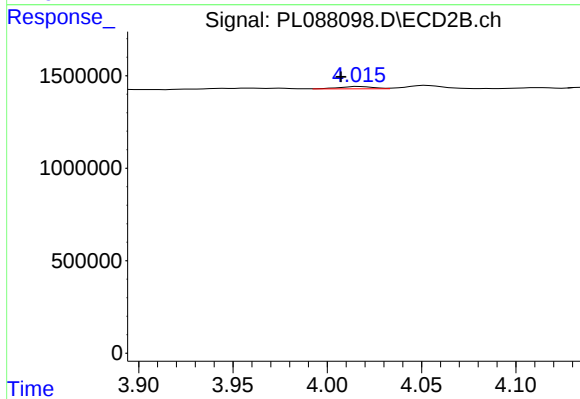
#5 Aldrin

R.T.: 4.339 min  
Delta R.T.: 0.000 min  
Response: 219048  
Conc: 0.11 ng/ml



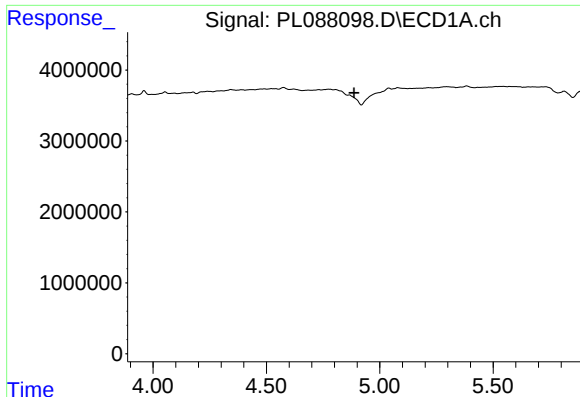
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

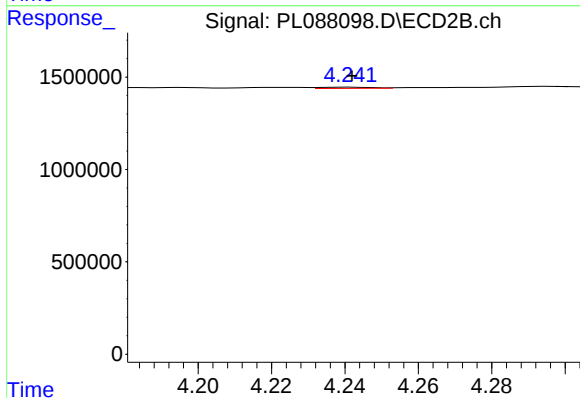
R.T.: 4.017 min  
Delta R.T.: 0.010 min  
Response: 154490  
Conc: 0.17 ng/ml



#7 delta-BHC

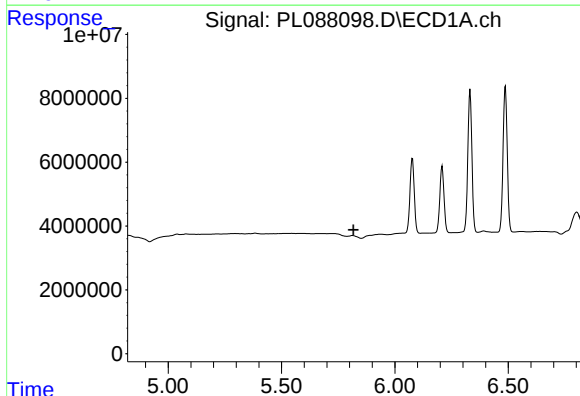
R.T.: 0.000 min  
Exp R.T.: 4.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :



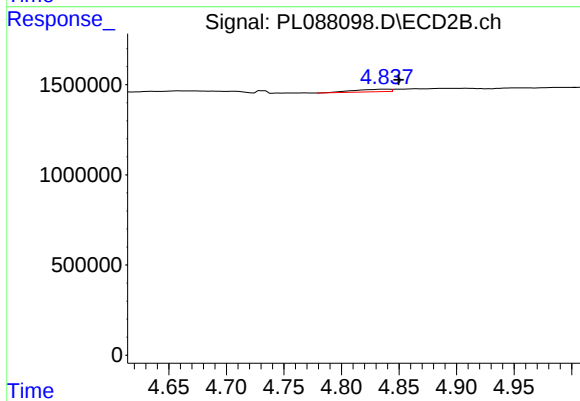
#7 delta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 61298  
Conc: 0.03 ng/ml



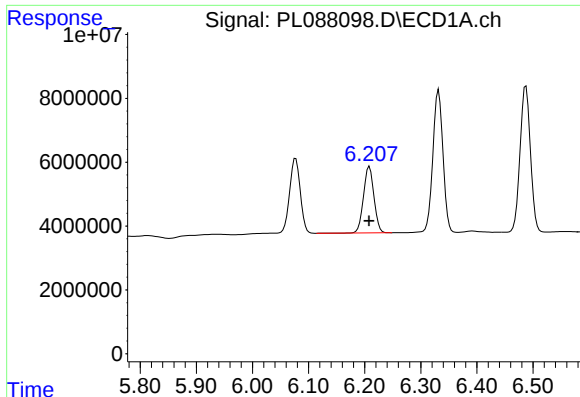
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.818 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

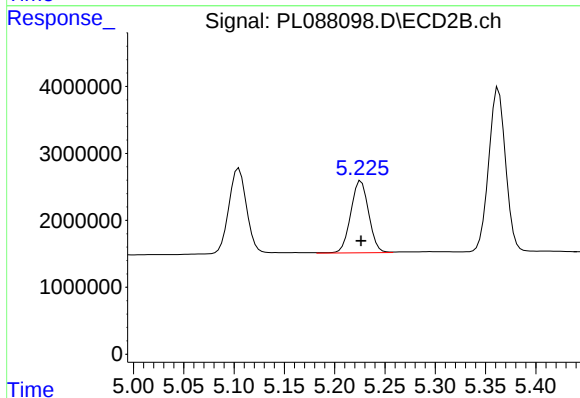
R.T.: 4.838 min  
Delta R.T.: -0.011 min  
Response: 305127  
Conc: 0.17 ng/ml



#9 Endosulfan I

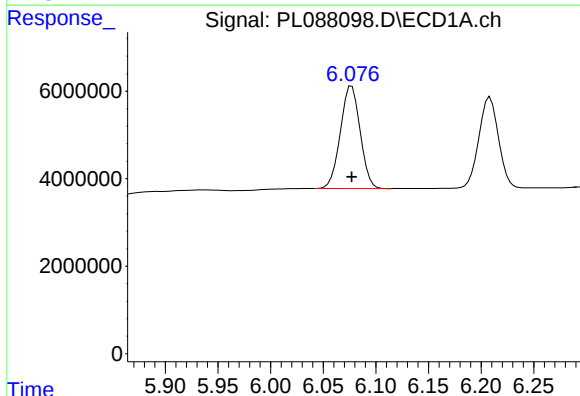
R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 26959434  
Conc: 8.61 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



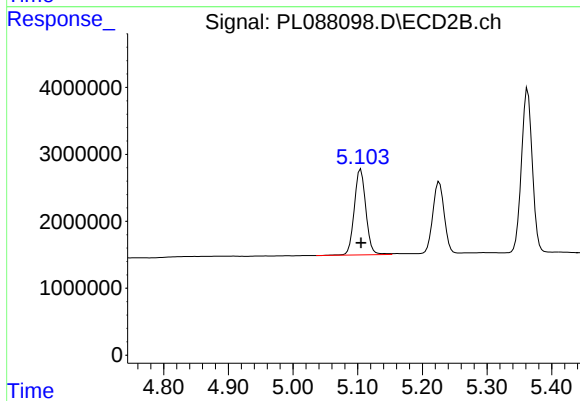
#9 Endosulfan I

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 13328304  
Conc: 8.30 ng/ml



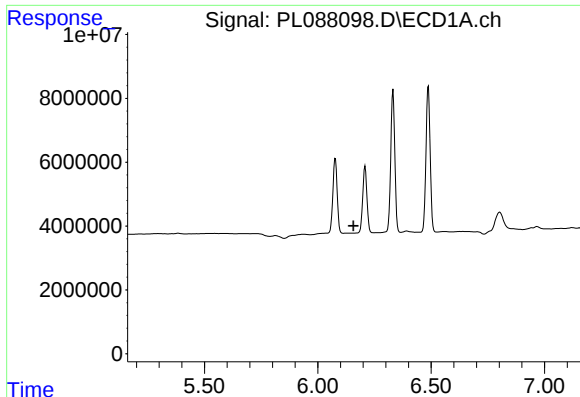
#10 gamma-Chlordane

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 30799443  
Conc: 9.06 ng/ml



#10 gamma-Chlordane

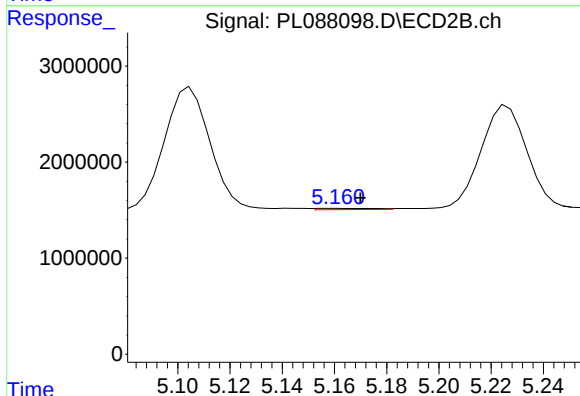
R.T.: 5.105 min  
Delta R.T.: 0.000 min  
Response: 16028963  
Conc: 9.03 ng/ml



#11 alpha-Chlordane

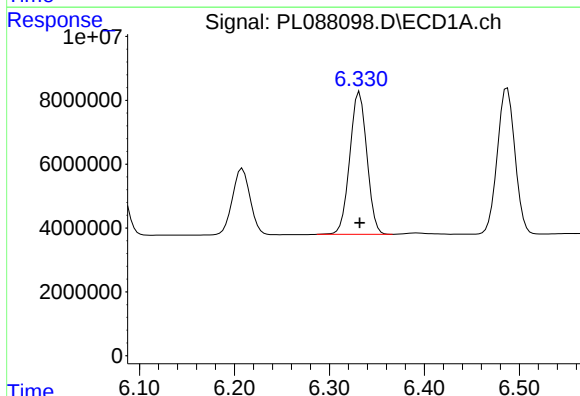
R.T.: 0.000 min  
Exp R.T.: 6.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :



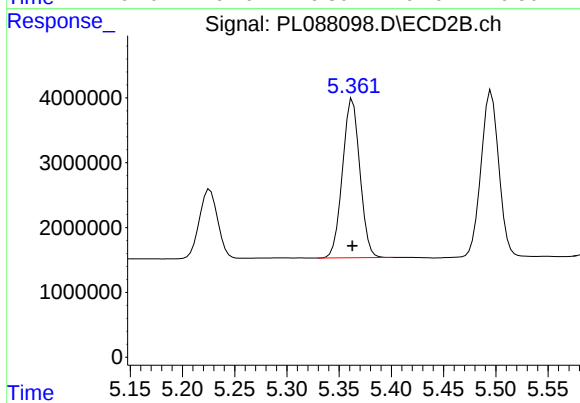
#11 alpha-Chlordane

R.T.: 5.162 min  
Delta R.T.: -0.008 min  
Response: 192324  
Conc: 0.11 ng/ml



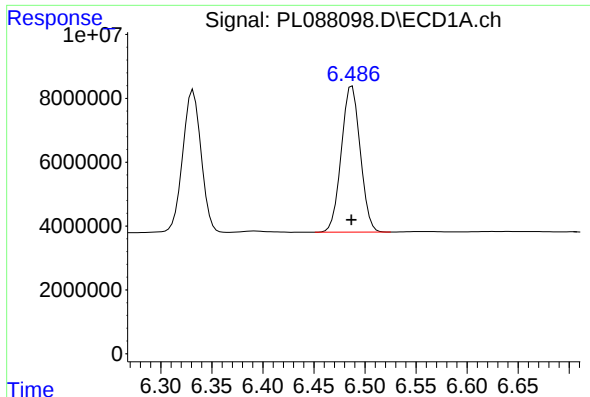
#12 4,4'-DDE

R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 55865994  
Conc: 18.42 ng/ml



#12 4,4'-DDE

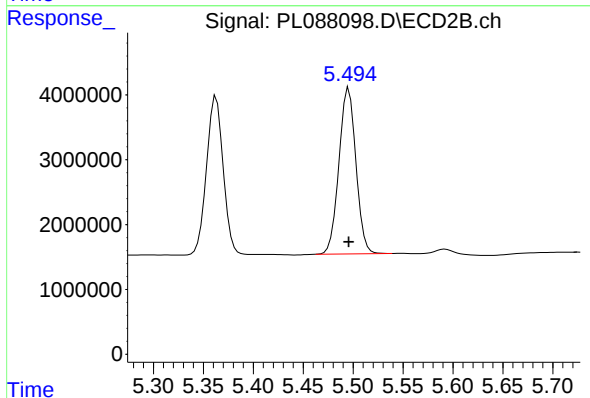
R.T.: 5.363 min  
Delta R.T.: 0.000 min  
Response: 28363414  
Conc: 17.85 ng/ml



#13 Dieldrin

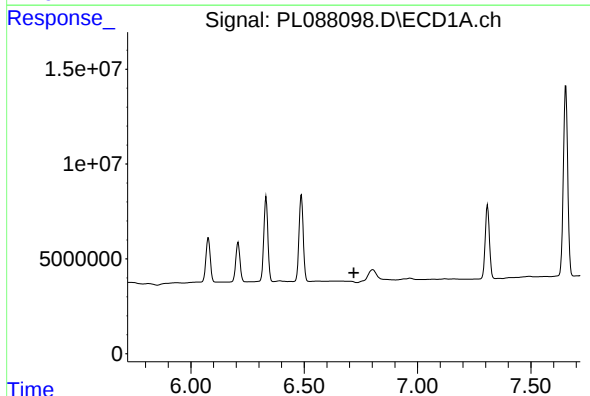
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 59050675  
Conc: 17.96 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



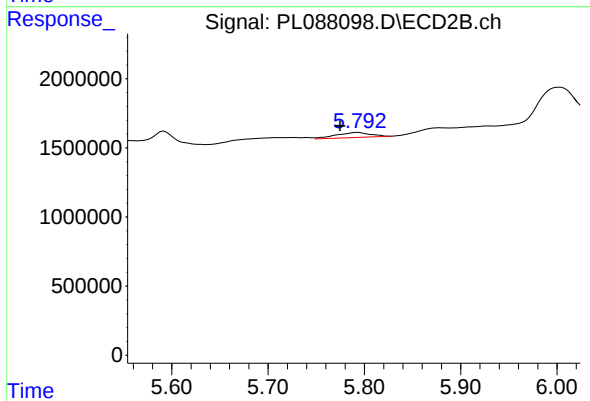
#13 Dieldrin

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 30282231  
Conc: 17.55 ng/ml



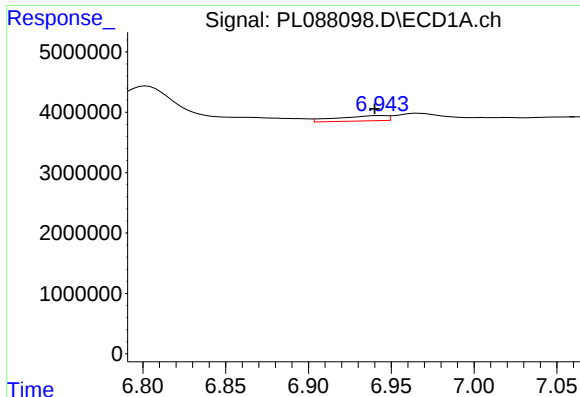
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.719 min  
Response: 0  
Conc: N.D.



#14 Endrin

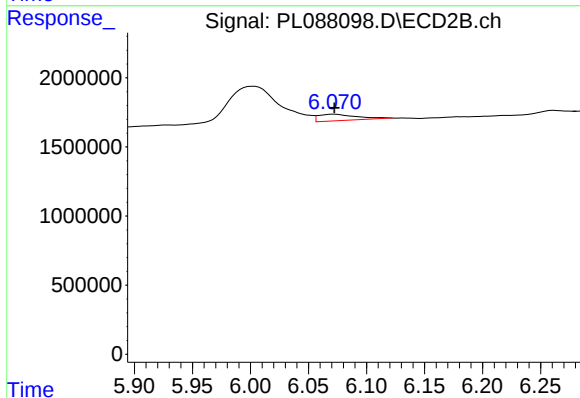
R.T.: 5.793 min  
Delta R.T.: 0.018 min  
Response: 889953  
Conc: 0.59 ng/ml



#15 Endosulfan II

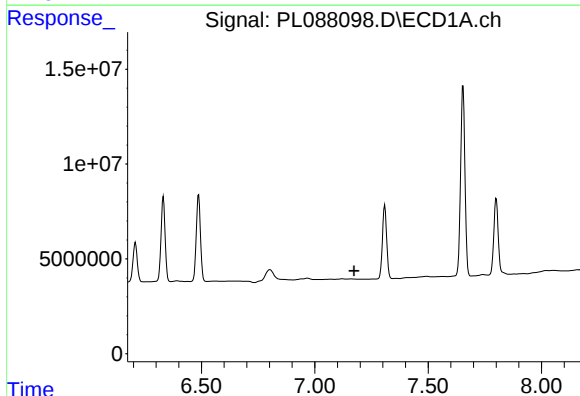
R.T.: 6.944 min  
Delta R.T.: 0.004 min  
Response: 1790364  
Conc: 0.63 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



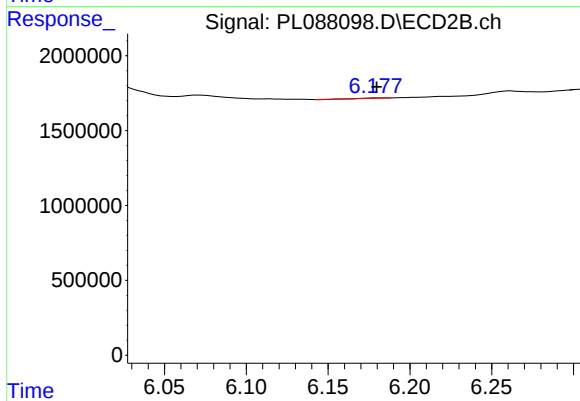
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 1198307  
Conc: 0.77 ng/ml



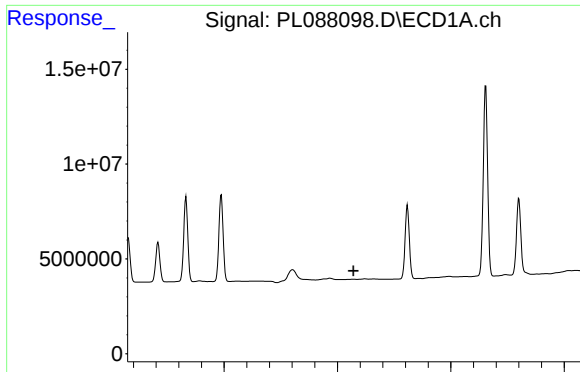
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.173 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

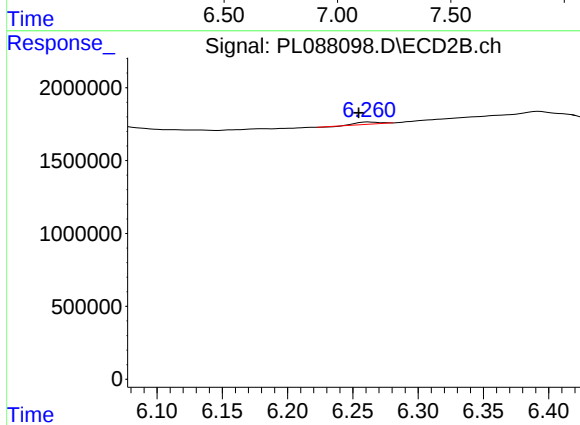
R.T.: 6.182 min  
Delta R.T.: 0.002 min  
Response: 3028  
Conc: 0.00 ng/ml



#18 Endrin aldehyde

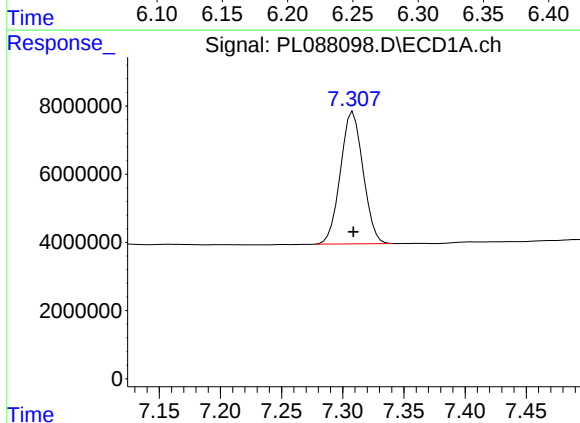
R.T.: 0.000 min  
Exp R.T.: 7.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :



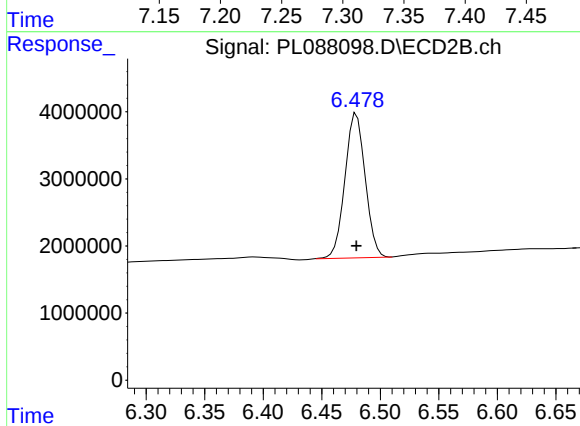
#18 Endrin aldehyde

R.T.: 6.262 min  
Delta R.T.: 0.007 min  
Response: 163022  
Conc: 0.15 ng/ml



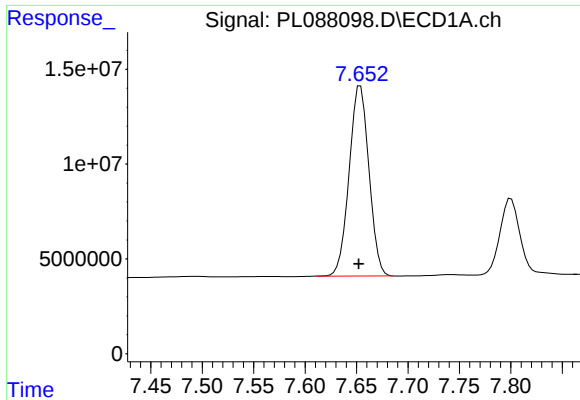
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 49915192  
Conc: 19.16 ng/ml



#19 Endosulfan Sulfate

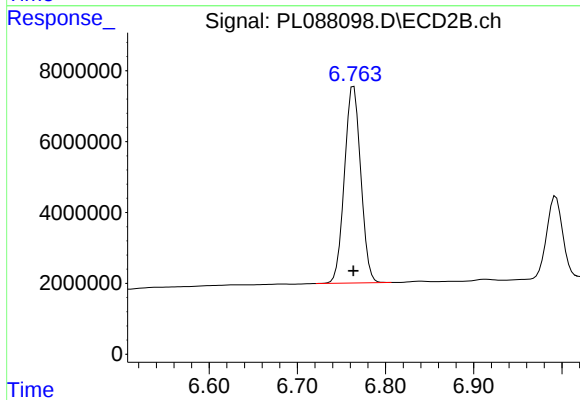
R.T.: 6.480 min  
Delta R.T.: 0.000 min  
Response: 25918245  
Conc: 18.45 ng/ml



#20 Methoxychlor

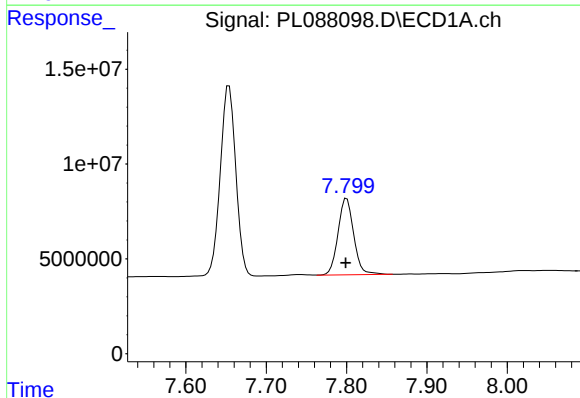
R.T.: 7.654 min  
Delta R.T.: 0.002 min  
Response: 134448781  
Conc: 104.15 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



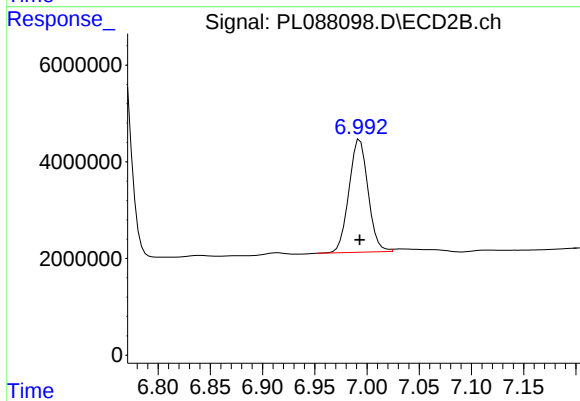
#20 Methoxychlor

R.T.: 6.764 min  
Delta R.T.: 0.000 min  
Response: 71286292  
Conc: 90.95 ng/ml



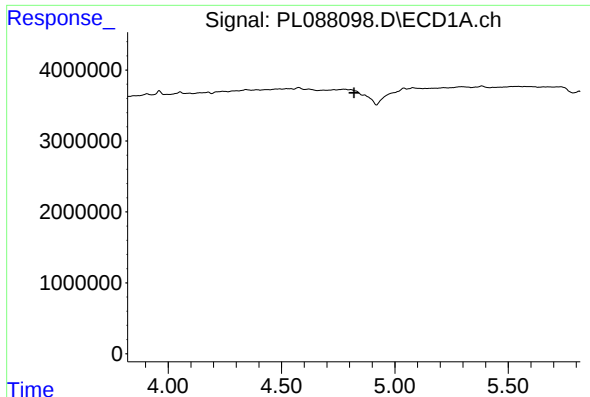
#21 Endrin ketone

R.T.: 7.800 min  
Delta R.T.: 0.001 min  
Response: 54720338  
Conc: 19.55 ng/ml



#21 Endrin ketone

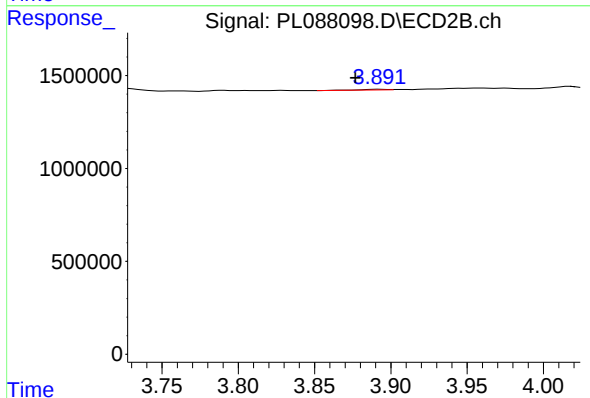
R.T.: 6.993 min  
Delta R.T.: 0.000 min  
Response: 29644100  
Conc: 17.71 ng/ml



#23 Chlordane-1

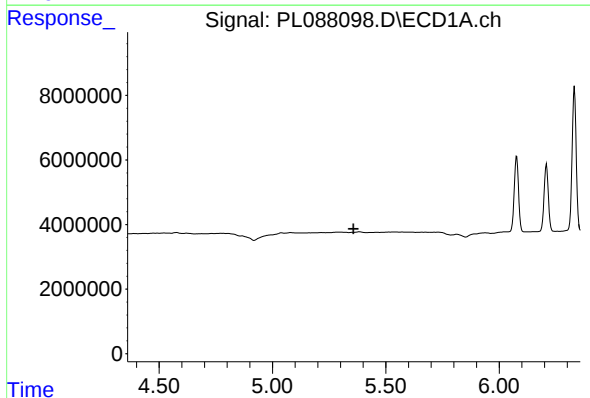
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :



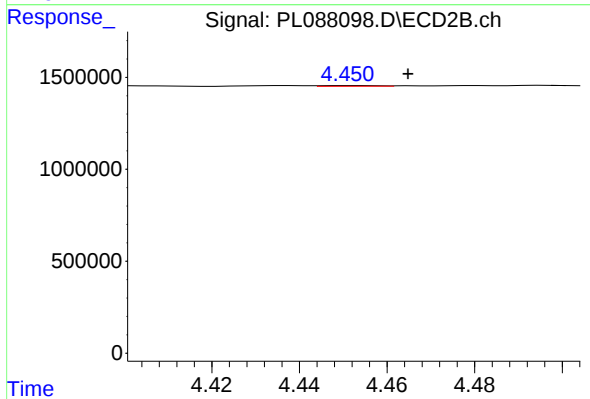
#23 Chlordane-1

R.T.: 3.892 min  
Delta R.T.: 0.016 min  
Response: 46543  
Conc: 0.90 ng/ml



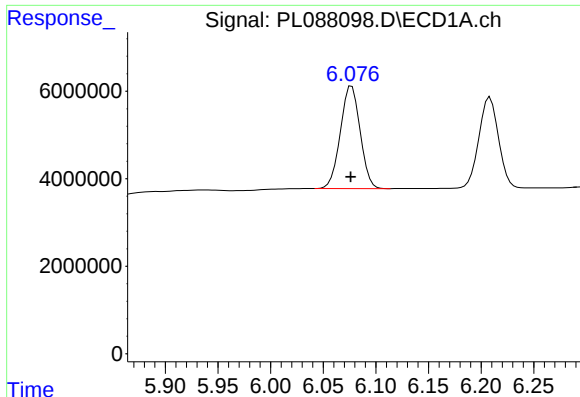
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.358 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

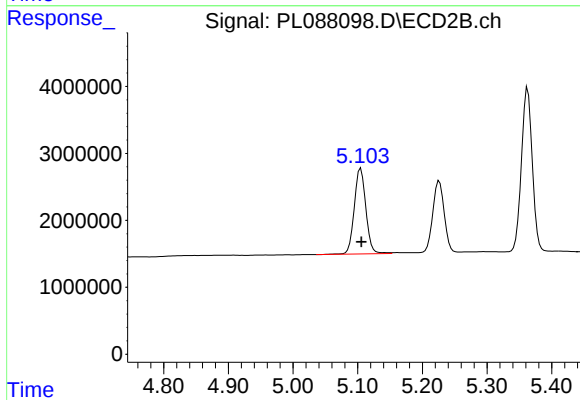
R.T.: 4.450 min  
Delta R.T.: -0.015 min  
Response: 38135  
Conc: 0.60 ng/ml



#25 Chlordane-3

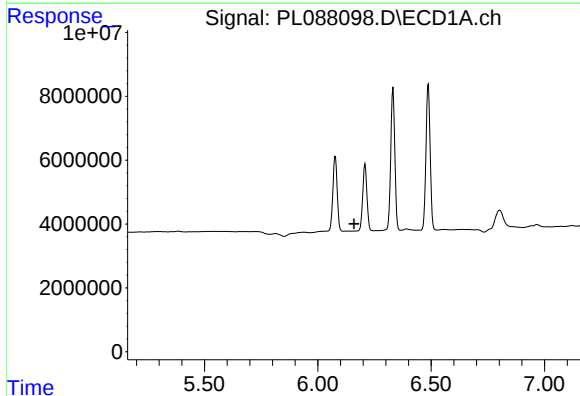
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 30799443  
Conc: 60.98 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



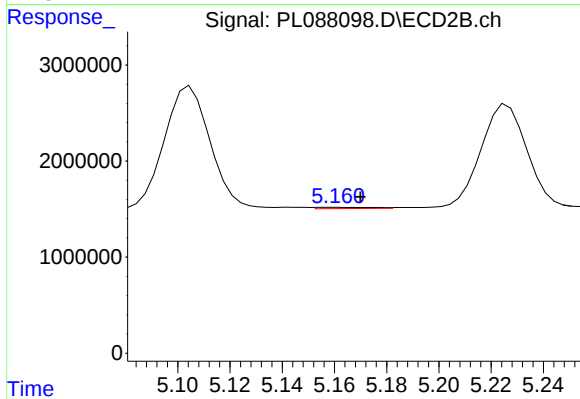
#25 Chlordane-3

R.T.: 5.105 min  
Delta R.T.: -0.001 min  
Response: 16028963  
Conc: 86.09 ng/ml



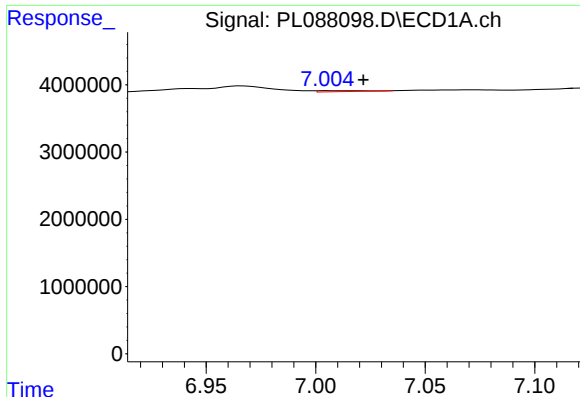
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.160 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

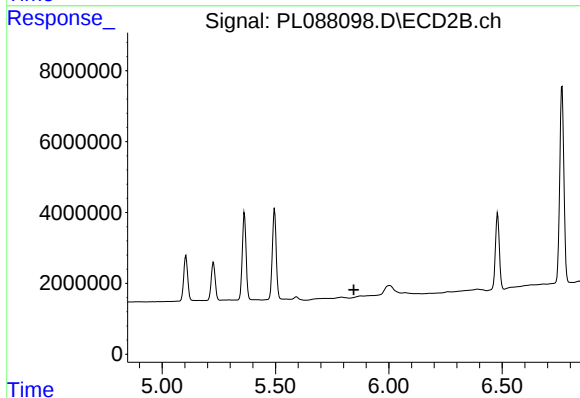
R.T.: 5.162 min  
Delta R.T.: -0.008 min  
Response: 192324  
Conc: 1.11 ng/ml



#27 Chlordane-5

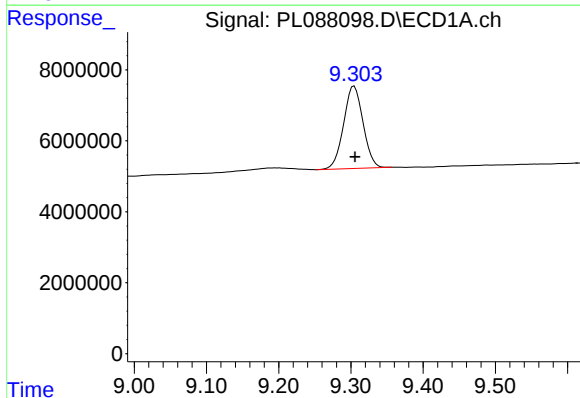
R.T.: 7.021 min  
Delta R.T.: 0.000 min  
Response: 284310  
Conc: 2.81 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :



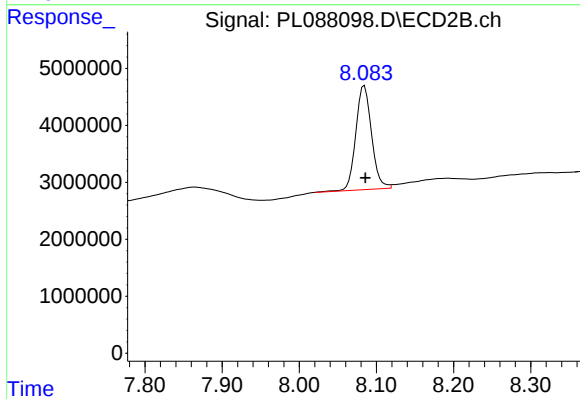
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.846 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.304 min  
Delta R.T.: -0.001 min  
Response: 43251632  
Conc: 22.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min  
Delta R.T.: -0.001 min  
Response: 25898458  
Conc: 19.32 ng/ml