

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060723\  
 Data File : PL083291.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jun 2023 15:15  
 Operator : AR\AJ  
 Sample : 03044-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 22:24:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
 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... | 3.315  | 2.633  | 31850548 | 28682698 | 10.837 | 11.048   |
| 28)                         | SA Decachlor... | 8.732  | 7.737  | 23884713 | 24184466 | 11.388 | 9.726    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 0.000  | 3.812f | 0        | 142940   | N.D.   | 0.039 #  |
| 5)                          | MB Aldrin       | 5.005  | 4.077  | 1674224  | 561614   | 0.476  | 0.173 #  |
| 6)                          | B beta-BHC      | 4.296  | 3.762  | 4690765  | 167329   | 2.491  | 0.117 #  |
| 7)                          | B delta-BHC     | 4.534  | 3.986  | 1664157  | 134278   | 0.484  | 0.041 #  |
| 8)                          | B Heptachlo...  | 5.431  | 4.594f | 8162413  | 204509   | 2.552  | 0.069 #  |
| 9)                          | A Endosulfan I  | 5.806  | 4.962f | 712015   | 1952845  | 0.237  | 0.699 #  |
| 10)                         | B gamma-Chl...  | 5.712f | 4.840f | 6291663  | 8753045  | 1.980  | 2.914 #  |
| 11)                         | B alpha-Chl...  | 5.770  | 4.864f | 546214   | 6295777  | 0.170  | 2.097 #  |
| 12)                         | B 4,4'-DDE      | 5.942  | 5.063  | 6257096  | 2227607  | 2.270  | 0.917 #  |
| 13)                         | MA Dieldrin     | 6.093  | 5.197  | 1874410  | 15508864 | 0.623  | 5.494 #  |
| 14)                         | MA Endrin       | 6.321  | 5.475  | 11157417 | -4908809 | 4.152  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.467  | 5.619  | 15482106 | 191257   | 7.125  | 0.099 #  |
| 17)                         | MA 4,4'-DDT     | 6.771  | 5.862  | 4477112  | 18585486 | 1.789  | 8.330 #  |
| 18)                         | B Endrin al...  | 6.681  | 5.957  | -125430  | 389420   | N.D.   | 0.197    |
| 19)                         | B Endosulfa...  | 6.884f | 6.159f | 911688   | 972500   | 0.356  | 0.397    |
| 20)                         | A Methoxychlor  | 7.285f | 0.000  | 2272477  | 0        | 1.718  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.404f | 6.696f | 72904    | 356425   | 0.029  | 0.132 #  |
| 22)                         | Mirex           | 7.826f | 6.840  | 638125   | 340560   | 0.304  | 0.146 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.622  | 0        | 3975393  | N.D.   | 48.179 # |
| 24)                         | Chlordane-2     | 5.005f | 0.000  | 1674224  | 0        | 15.198 | N.D. #   |
| 25)                         | Chlordane-3     | 5.712f | 4.840f | 6291663  | 8753045  | 15.164 | 32.844 # |
| 26)                         | Chlordane-4     | 5.770  | 4.864f | 546214   | 6295777  | 1.079  | 22.345 # |
| 27)                         | Chlordane-5     | 6.588f | 5.752f | 1020379  | 2402187  | 12.433 | 24.728 # |
| -----                       |                 |        |        |          |          |        |          |

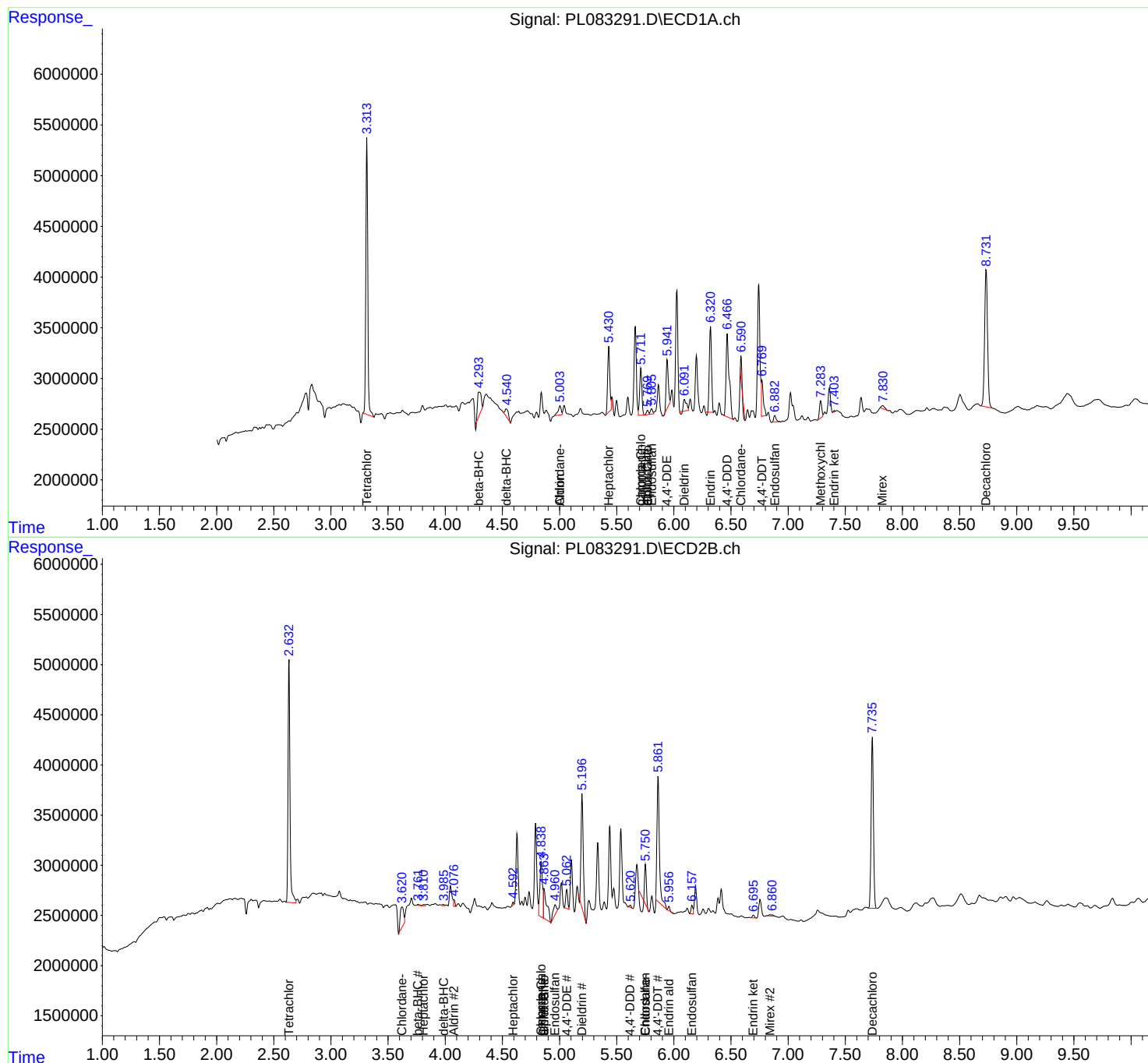
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

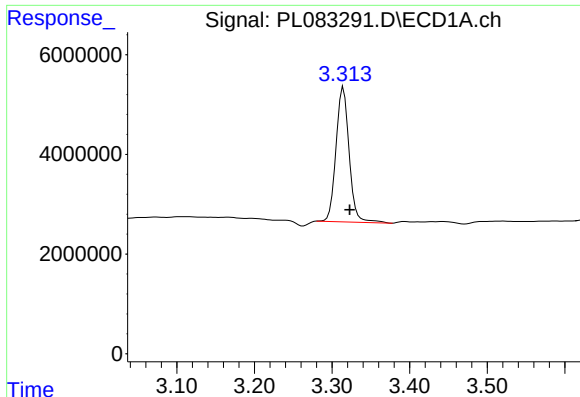
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060723\  
Data File : PL083291.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jun 2023 15:15  
Operator : AR\AJ  
Sample : 03044-12  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 22:24:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 2023  
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

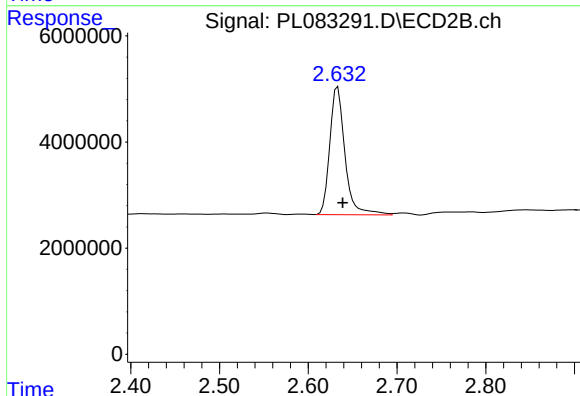




#1 Tetrachloro-m-xylene

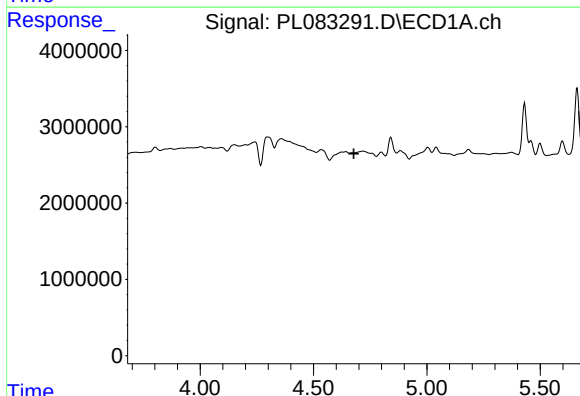
R.T.: 3.315 min  
Delta R.T.: -0.008 min  
Response: 31850548  
Conc: 10.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



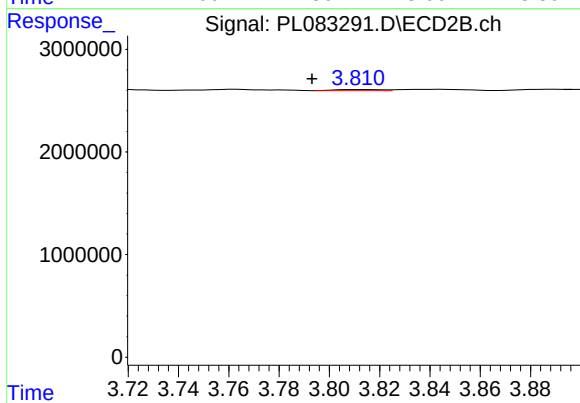
#1 Tetrachloro-m-xylene

R.T.: 2.633 min  
Delta R.T.: -0.006 min  
Response: 28682698  
Conc: 11.05 ng/ml



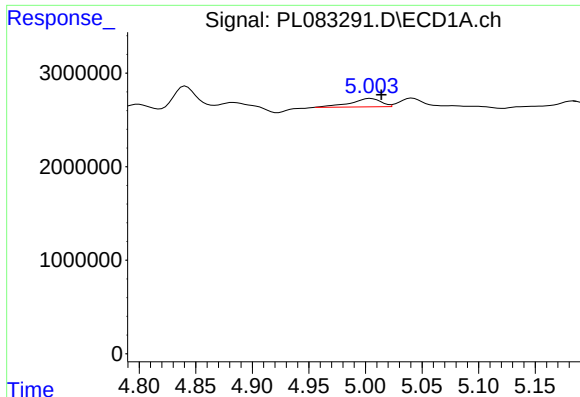
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.678 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

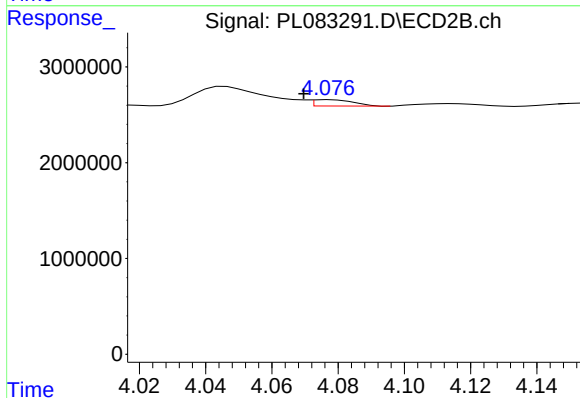
R.T.: 3.812 min  
Delta R.T.: 0.019 min  
Response: 142940  
Conc: 0.04 ng/ml



#5 Aldrin

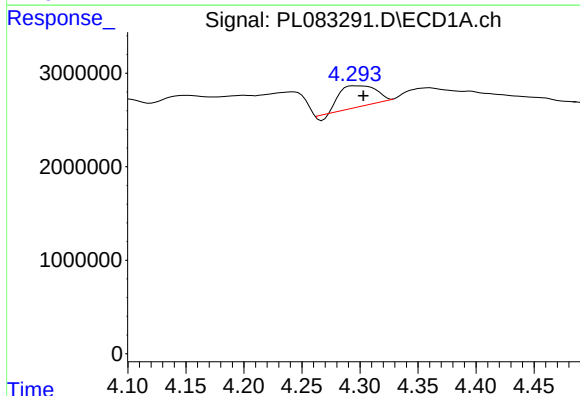
R.T.: 5.005 min  
Delta R.T.: -0.009 min  
Response: 1674224  
Conc: 0.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



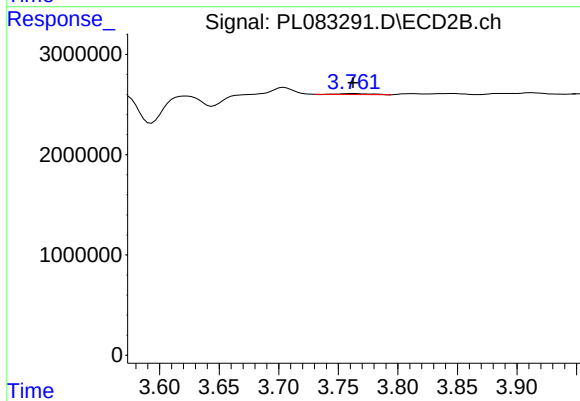
#5 Aldrin

R.T.: 4.077 min  
Delta R.T.: 0.008 min  
Response: 561614  
Conc: 0.17 ng/ml



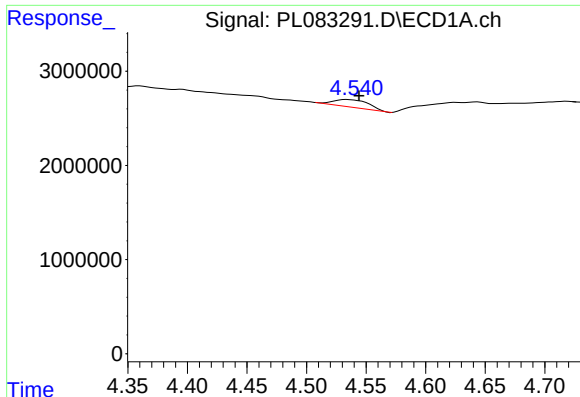
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.007 min  
Response: 4690765  
Conc: 2.49 ng/ml



#6 beta-BHC

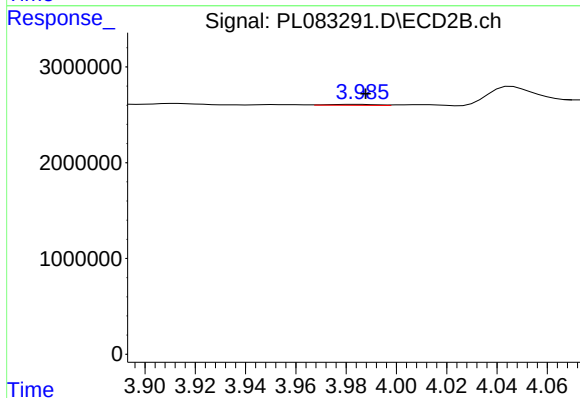
R.T.: 3.762 min  
Delta R.T.: 0.000 min  
Response: 167329  
Conc: 0.12 ng/ml



#7 delta-BHC

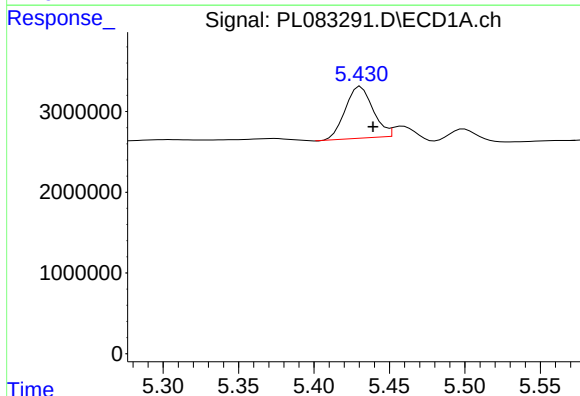
R.T.: 4.534 min  
Delta R.T.: -0.010 min  
Response: 1664157  
Conc: 0.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



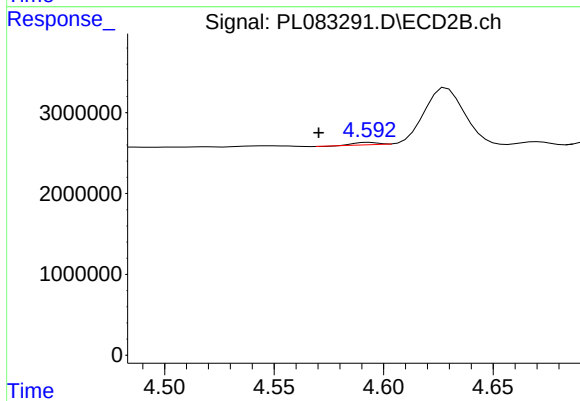
#7 delta-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 134278  
Conc: 0.04 ng/ml



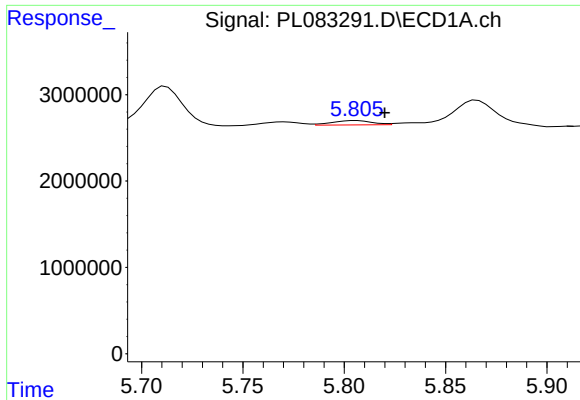
#8 Heptachlor epoxide

R.T.: 5.431 min  
Delta R.T.: -0.008 min  
Response: 8162413  
Conc: 2.55 ng/ml



#8 Heptachlor epoxide

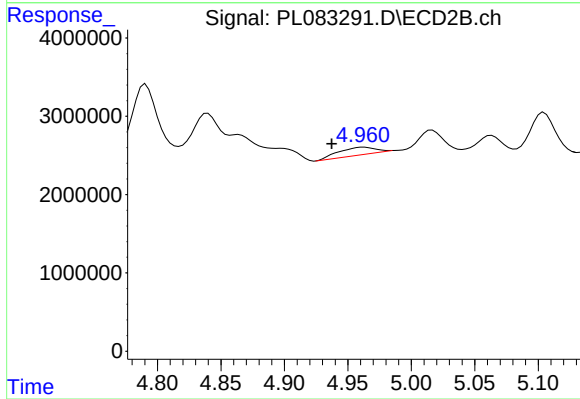
R.T.: 4.594 min  
Delta R.T.: 0.023 min  
Response: 204509  
Conc: 0.07 ng/ml



#9 Endosulfan I

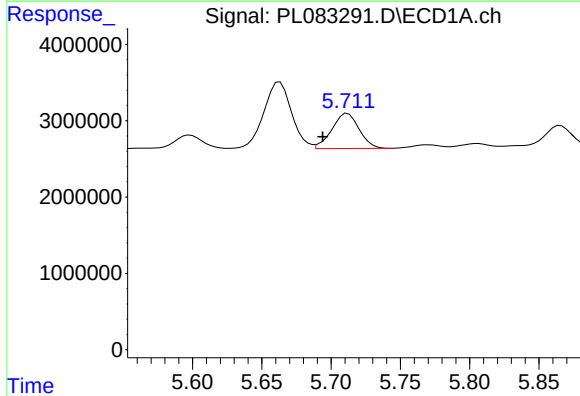
R.T.: 5.806 min  
Delta R.T.: -0.014 min  
Response: 712015  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



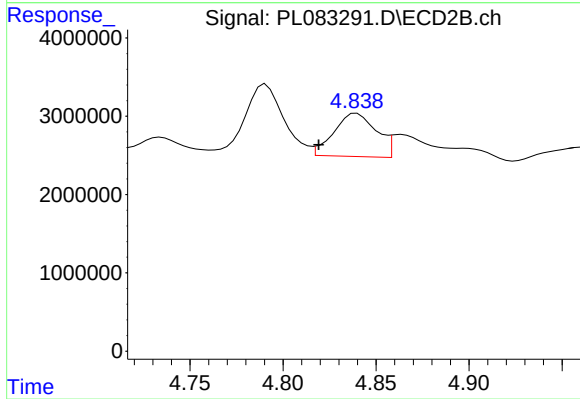
#9 Endosulfan I

R.T.: 4.962 min  
Delta R.T.: 0.025 min  
Response: 1952845  
Conc: 0.70 ng/ml



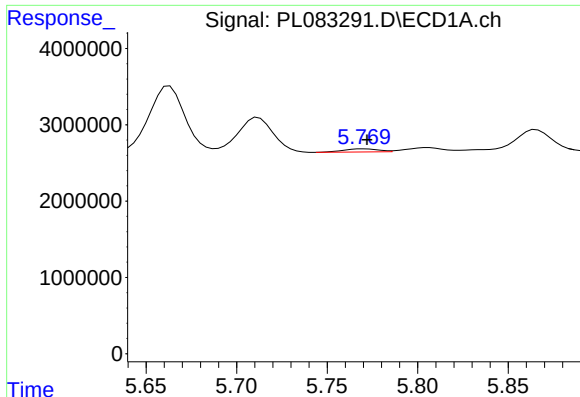
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: 0.018 min  
Response: 6291663  
Conc: 1.98 ng/ml



#10 gamma-Chlordane

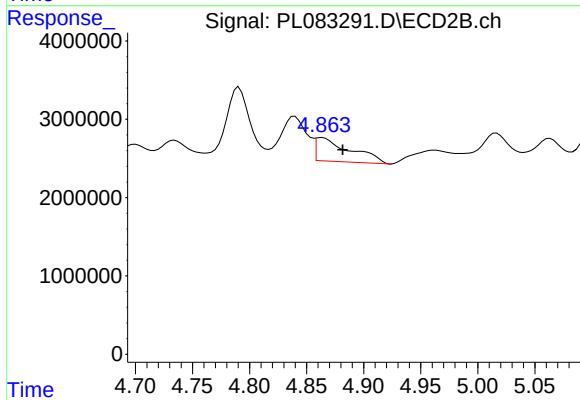
R.T.: 4.840 min  
Delta R.T.: 0.021 min  
Response: 8753045  
Conc: 2.91 ng/ml



#11 alpha-Chlordane

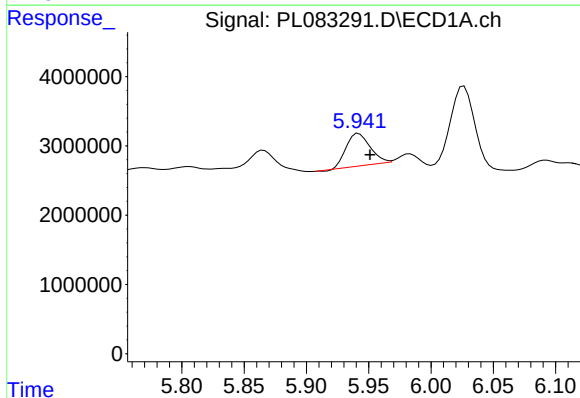
R.T.: 5.770 min  
Delta R.T.: -0.002 min  
Response: 546214  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



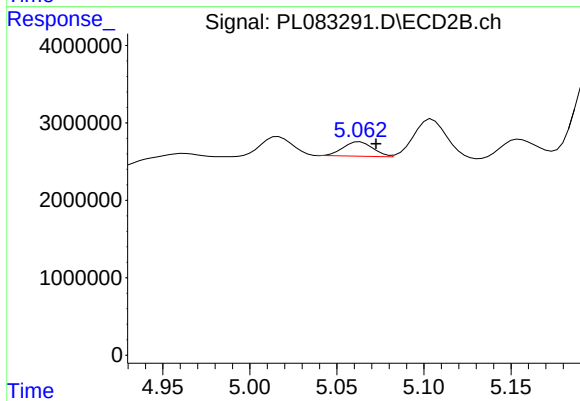
#11 alpha-Chlordane

R.T.: 4.864 min  
Delta R.T.: -0.018 min  
Response: 6295777  
Conc: 2.10 ng/ml



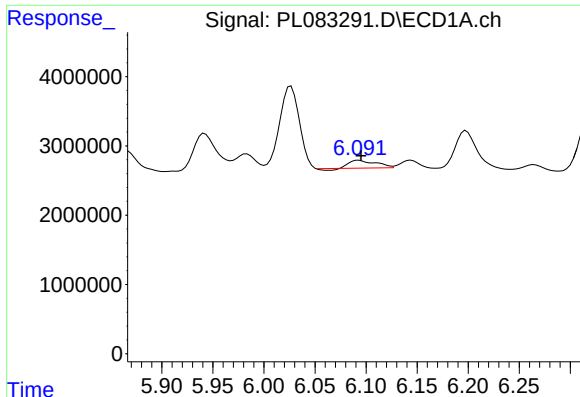
#12 4,4'-DDE

R.T.: 5.942 min  
Delta R.T.: -0.009 min  
Response: 6257096  
Conc: 2.27 ng/ml



#12 4,4'-DDE

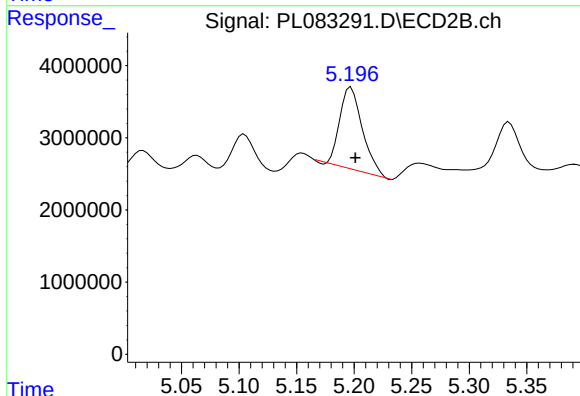
R.T.: 5.063 min  
Delta R.T.: -0.009 min  
Response: 2227607  
Conc: 0.92 ng/ml



#13 Dieldrin

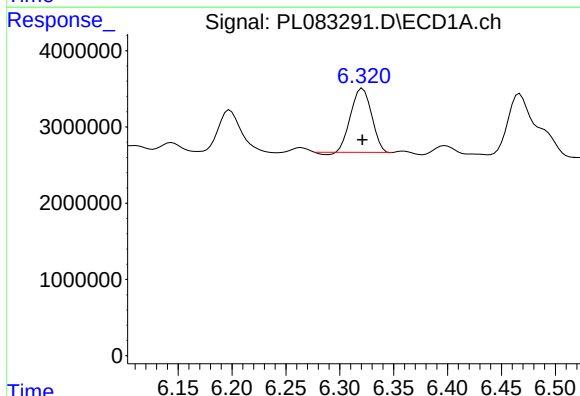
R.T.: 6.093 min  
Delta R.T.: -0.002 min  
Response: 1874410  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



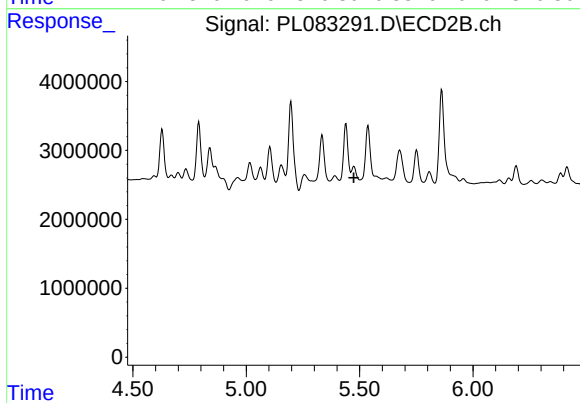
#13 Dieldrin

R.T.: 5.197 min  
Delta R.T.: -0.004 min  
Response: 15508864  
Conc: 5.49 ng/ml



#14 Endrin

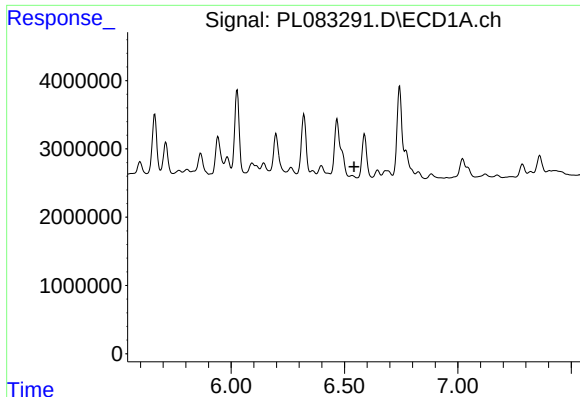
R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 11157417  
Conc: 4.15 ng/ml



#14 Endrin

R.T.: 5.475 min  
Delta R.T.: 0.000 min  
Response: -4908809  
Conc: N.D.

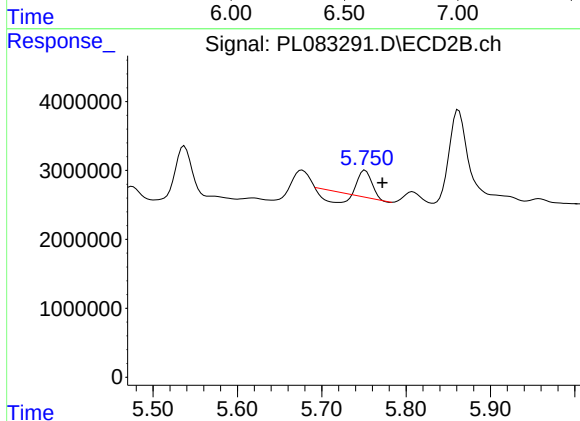




#15 Endosulfan II

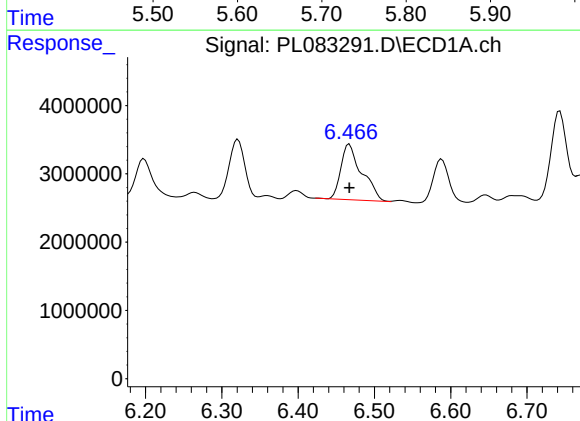
R.T.: 6.534 min  
Delta R.T.: -0.009 min  
Response: 253855  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



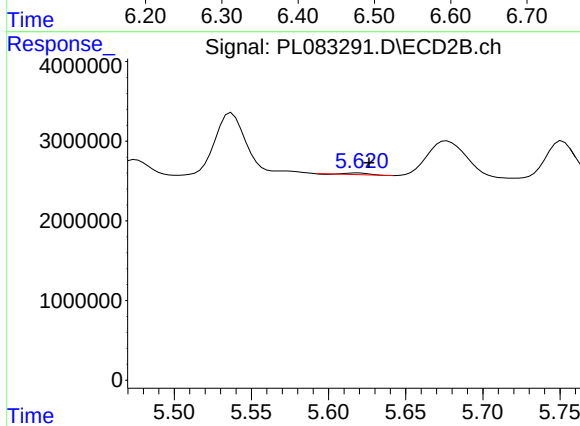
#15 Endosulfan II

R.T.: 5.752 min  
Delta R.T.: -0.020 min  
Response: 2402187  
Conc: 0.97 ng/ml



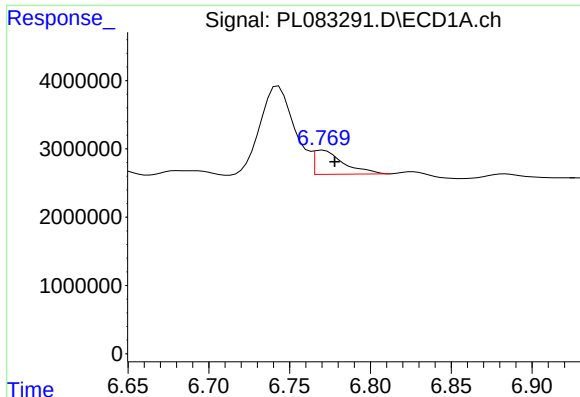
#16 4,4'-DDD

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 15482106  
Conc: 7.12 ng/ml



#16 4,4'-DDD

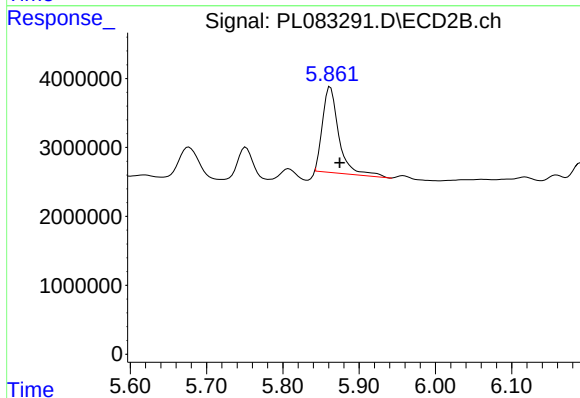
R.T.: 5.619 min  
Delta R.T.: -0.007 min  
Response: 191257  
Conc: 0.10 ng/ml



#17 4,4'-DDT

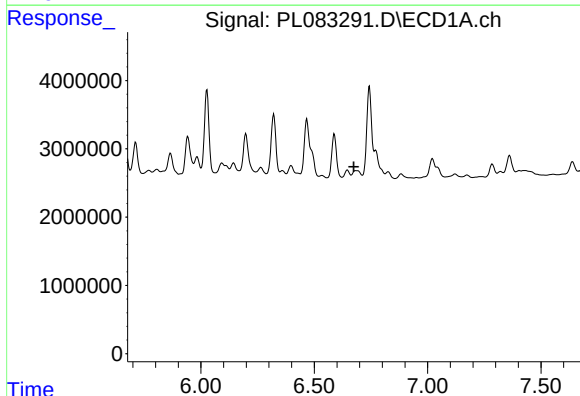
R.T.: 6.771 min  
Delta R.T.: -0.007 min  
Response: 4477112  
Conc: 1.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



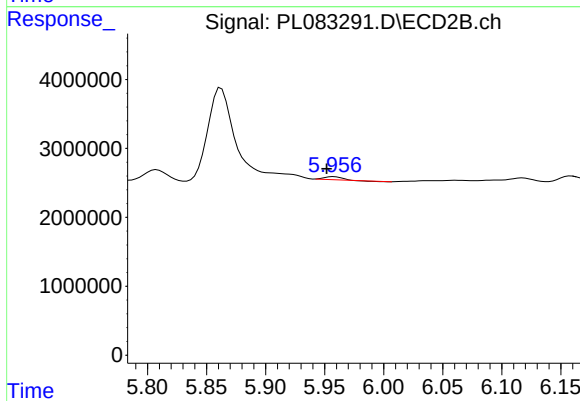
#17 4,4'-DDT

R.T.: 5.862 min  
Delta R.T.: -0.012 min  
Response: 18585486  
Conc: 8.33 ng/ml



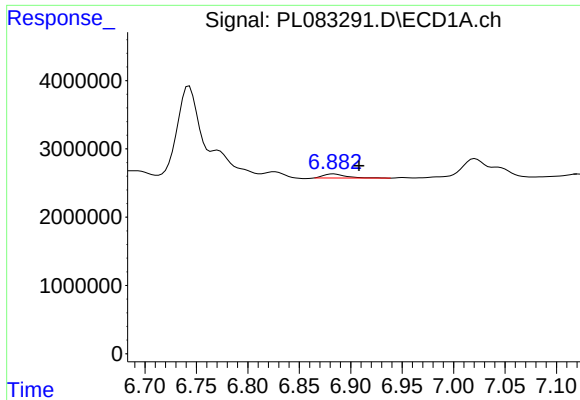
#18 Endrin aldehyde

R.T.: 6.681 min  
Delta R.T.: 0.007 min  
Response: -125430  
Conc: N.D.



#18 Endrin aldehyde

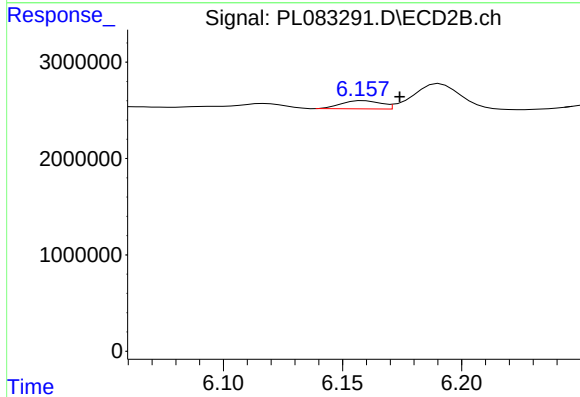
R.T.: 5.957 min  
Delta R.T.: 0.006 min  
Response: 389420  
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

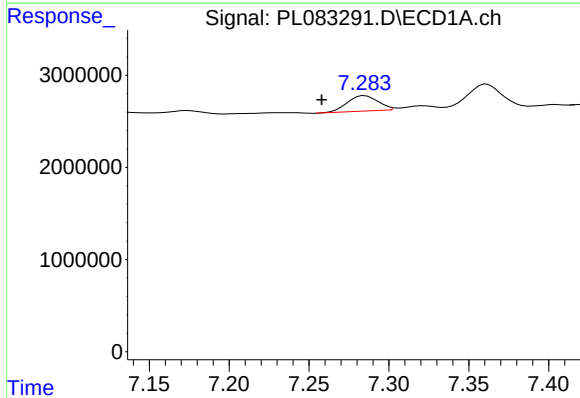
R.T.: 6.884 min  
Delta R.T.: -0.024 min  
Response: 911688  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



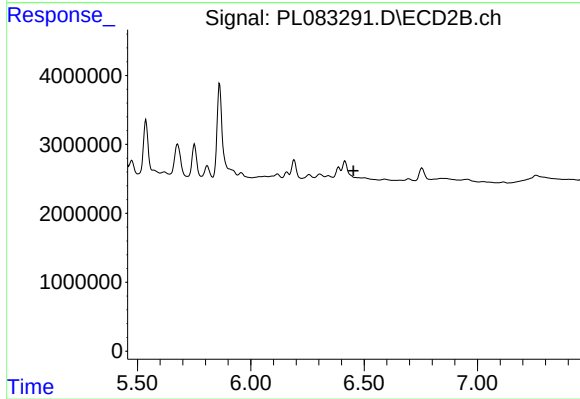
#19 Endosulfan Sulfate

R.T.: 6.159 min  
Delta R.T.: -0.015 min  
Response: 972500  
Conc: 0.40 ng/ml



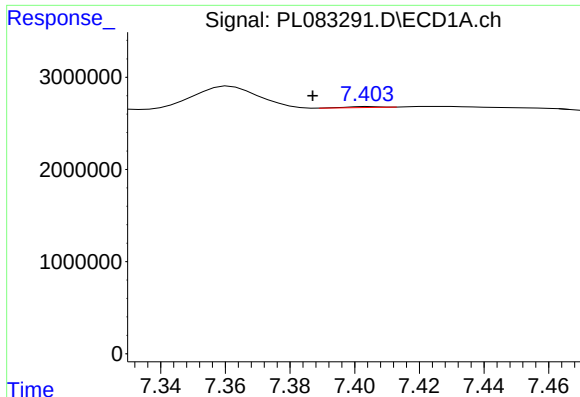
#20 Methoxychlor

R.T.: 7.285 min  
Delta R.T.: 0.027 min  
Response: 2272477  
Conc: 1.72 ng/ml



#20 Methoxychlor

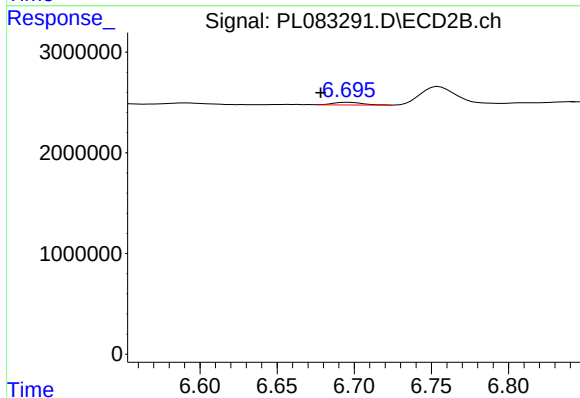
R.T.: 0.000 min  
Exp R.T.: 6.454 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

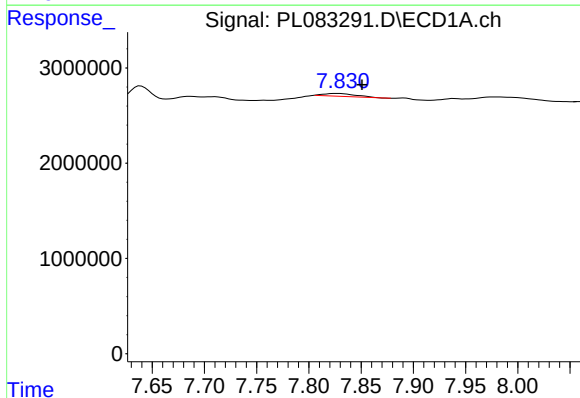
R.T.: 7.404 min  
Delta R.T.: 0.018 min  
Response: 72904  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



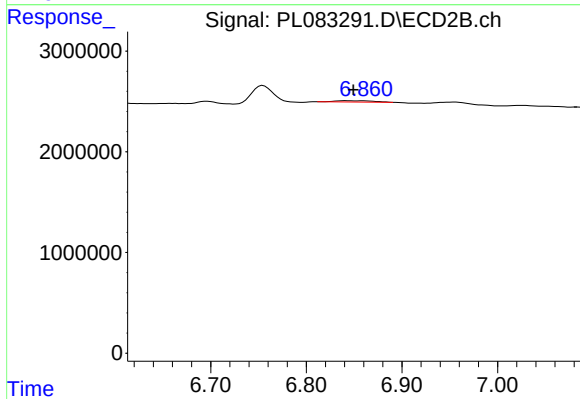
#21 Endrin ketone

R.T.: 6.696 min  
Delta R.T.: 0.018 min  
Response: 356425  
Conc: 0.13 ng/ml



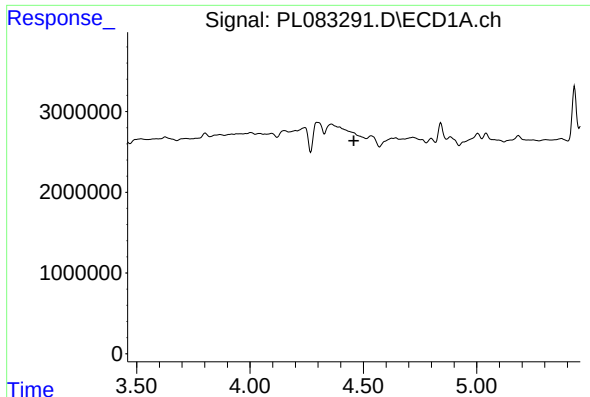
#22 Mirex

R.T.: 7.826 min  
Delta R.T.: -0.025 min  
Response: 638125  
Conc: 0.30 ng/ml



#22 Mirex

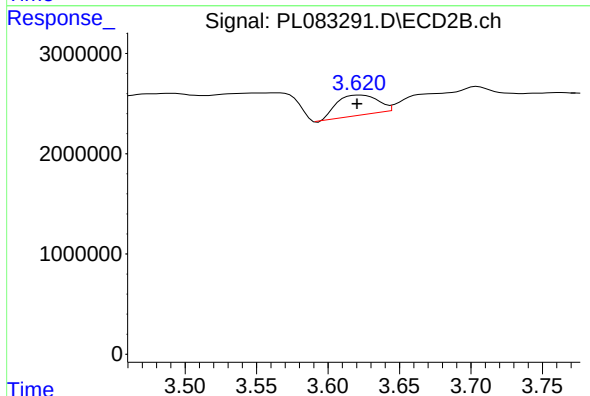
R.T.: 6.840 min  
Delta R.T.: -0.009 min  
Response: 340560  
Conc: 0.15 ng/ml



#23 Chlordane-1

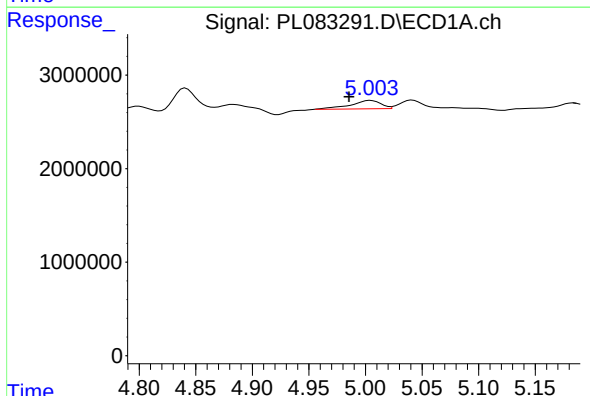
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



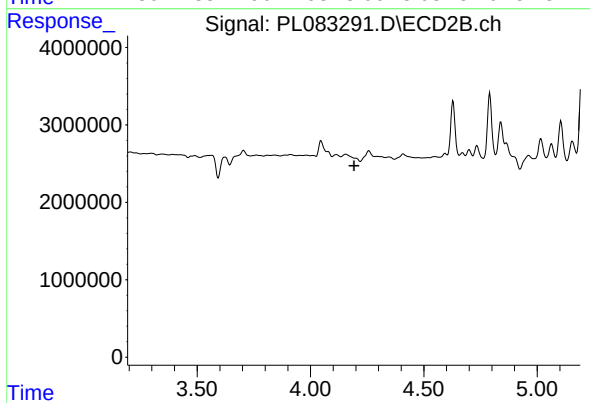
#23 Chlordane-1

R.T.: 3.622 min  
Delta R.T.: 0.002 min  
Response: 3975393  
Conc: 48.18 ng/ml



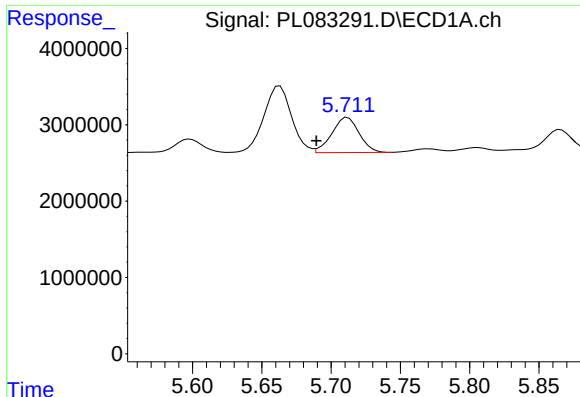
#24 Chlordane-2

R.T.: 5.005 min  
Delta R.T.: 0.019 min  
Response: 1674224  
Conc: 15.20 ng/ml



#24 Chlordane-2

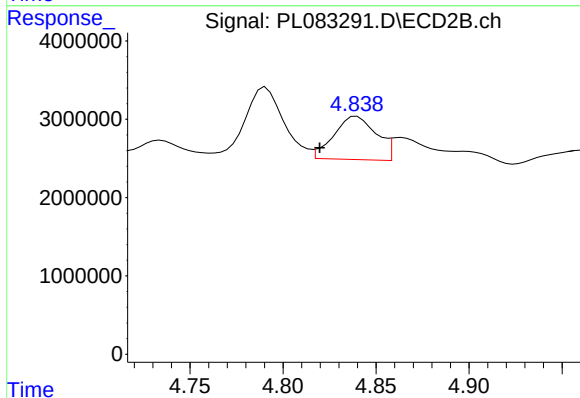
R.T.: 0.000 min  
Exp R.T.: 4.193 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

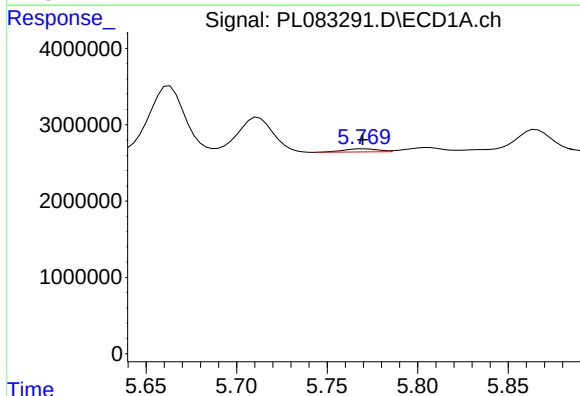
R.T.: 5.712 min  
Delta R.T.: 0.022 min  
Response: 6291663  
Conc: 15.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



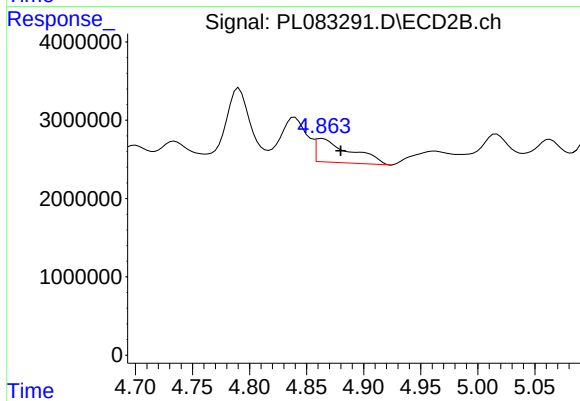
#25 Chlordane-3

R.T.: 4.840 min  
Delta R.T.: 0.020 min  
Response: 8753045  
Conc: 32.84 ng/ml



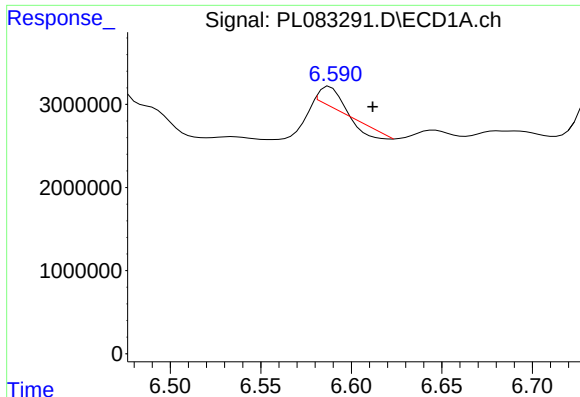
#26 Chlordane-4

R.T.: 5.770 min  
Delta R.T.: 0.000 min  
Response: 546214  
Conc: 1.08 ng/ml



#26 Chlordane-4

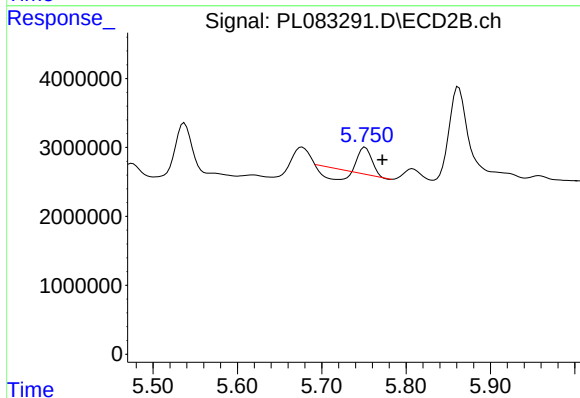
R.T.: 4.864 min  
Delta R.T.: -0.016 min  
Response: 6295777  
Conc: 22.35 ng/ml



#27 Chlordane-5

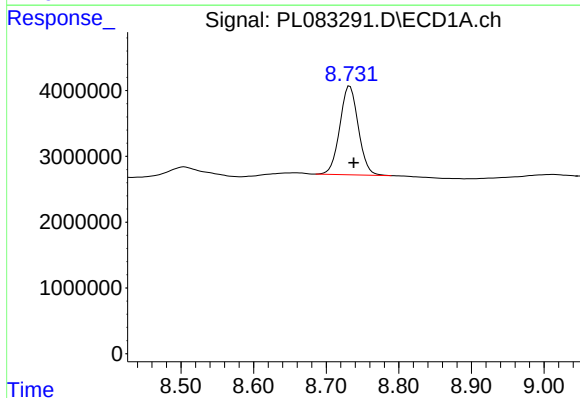
R.T.: 6.588 min  
Delta R.T.: -0.024 min  
Response: 1020379  
Conc: 12.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



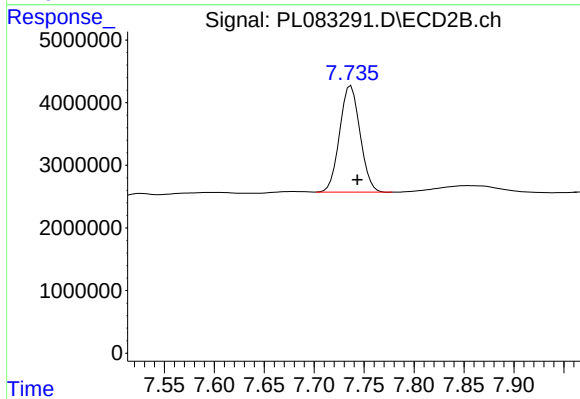
#27 Chlordane-5

R.T.: 5.752 min  
Delta R.T.: -0.020 min  
Response: 2402187  
Conc: 24.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.732 min  
Delta R.T.: -0.005 min  
Response: 23884713  
Conc: 11.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.737 min  
Delta R.T.: -0.007 min  
Response: 24184466  
Conc: 9.73 ng/ml