

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080123\  
 Data File : PL084419.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2023 00:49  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 05:38:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 31 17:26:06 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... | 3.476  | 2.687 | 115.7E6  | 55510149 | 50.079  | 50.773    |
| 28)                         | SA Decachlor... | 9.025  | 7.868 | 77657990 | 58396473 | 50.566  | 47.756    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.934  | 3.191 | 175.1E6  | 84908748 | 51.363  | 51.841    |
| 3)                          | MA gamma-BHC... | 4.267  | 3.522 | 166.4E6  | 82327231 | 50.867  | 51.656    |
| 4)                          | MA Heptachlor   | 4.859  | 3.864 | 173.8E6  | 75663548 | 49.872  | 50.644    |
| 5)                          | MB Aldrin       | 5.202  | 4.144 | 171.2E6  | 77936818 | 50.565  | 51.403    |
| 6)                          | B beta-BHC      | 4.467  | 3.824 | 71322141 | 35296635 | 49.404  | 50.851    |
| 7)                          | B delta-BHC     | 4.713  | 4.053 | 171.6E6  | 82798989 | 52.388  | 52.663    |
| 8)                          | B Heptachlo...  | 5.631  | 4.650 | 150.9E6  | 69559340 | 49.307  | 50.858    |
| 9)                          | A Endosulfan I  | 6.018  | 5.020 | 130.4E6  | 64895740 | 49.036  | 50.803    |
| 10)                         | B gamma-Chl...  | 5.889  | 4.903 | 141.7E6  | 71319917 | 49.015  | 51.031    |
| 11)                         | B alpha-Chl...  | 5.969  | 4.968 | 139.9E6  | 71404850 | 49.169  | 50.763    |
| 12)                         | B 4,4'-DDE      | 6.148  | 5.165 | 118.4E6  | 65885342 | 51.848  | 52.294    |
| 13)                         | MA Dieldrin     | 6.294  | 5.287 | 133.4E6  | 71561785 | 50.035  | 51.103    |
| 14)                         | MA Endrin       | 6.525  | 5.563 | 109.4E6  | 64400047 | 49.783  | 51.352    |
| 15)                         | B Endosulfa...  | 6.745  | 5.860 | 105.2E6  | 62140202 | 49.618  | 50.265    |
| 16)                         | A 4,4'-DDD      | 6.667  | 5.723 | 87885957 | 55333348 | 53.745  | 52.927    |
| 17)                         | MA 4,4'-DDT     | 6.983  | 5.976 | 93784090 | 60664266 | 52.652  | 50.922    |
| 18)                         | B Endrin al...  | 6.876  | 6.042 | 84415813 | 50943399 | 51.099  | 50.580    |
| 19)                         | B Endosulfa...  | 7.112  | 6.267 | 98330249 | 60449269 | 49.789  | 49.907    |
| 20)                         | A Methoxychlor  | 7.464  | 6.560 | 47750331 | 34636395 | 51.699  | 49.439    |
| 21)                         | B Endrin ke...  | 7.597  | 6.771 | 99941068 | 73637361 | 50.199  | 50.183    |
| 22)                         | Mirex           | 8.072  | 6.952 | 78827396 | 56093233 | 48.069  | 48.415    |
| 23)                         | Chlordane-1     | 0.000  | 3.700 | 0        | 34488    | N.D.    | 0.088 #   |
| 24)                         | Chlordane-2     | 5.202f | 4.282 | 171.2E6  | 197443   | 184.734 | 0.462 #   |
| 25)                         | Chlordane-3     | 5.889  | 4.903 | 141.7E6  | 71319917 | 35.729  | 52.165 #  |
| 26)                         | Chlordane-4     | 5.969  | 4.968 | 139.9E6  | 71404850 | 30.421  | 49.884 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.860 | 0        | 62140202 | N.D.    | 123.212 # |
| -----                       |                 |        |       |          |          |         |           |

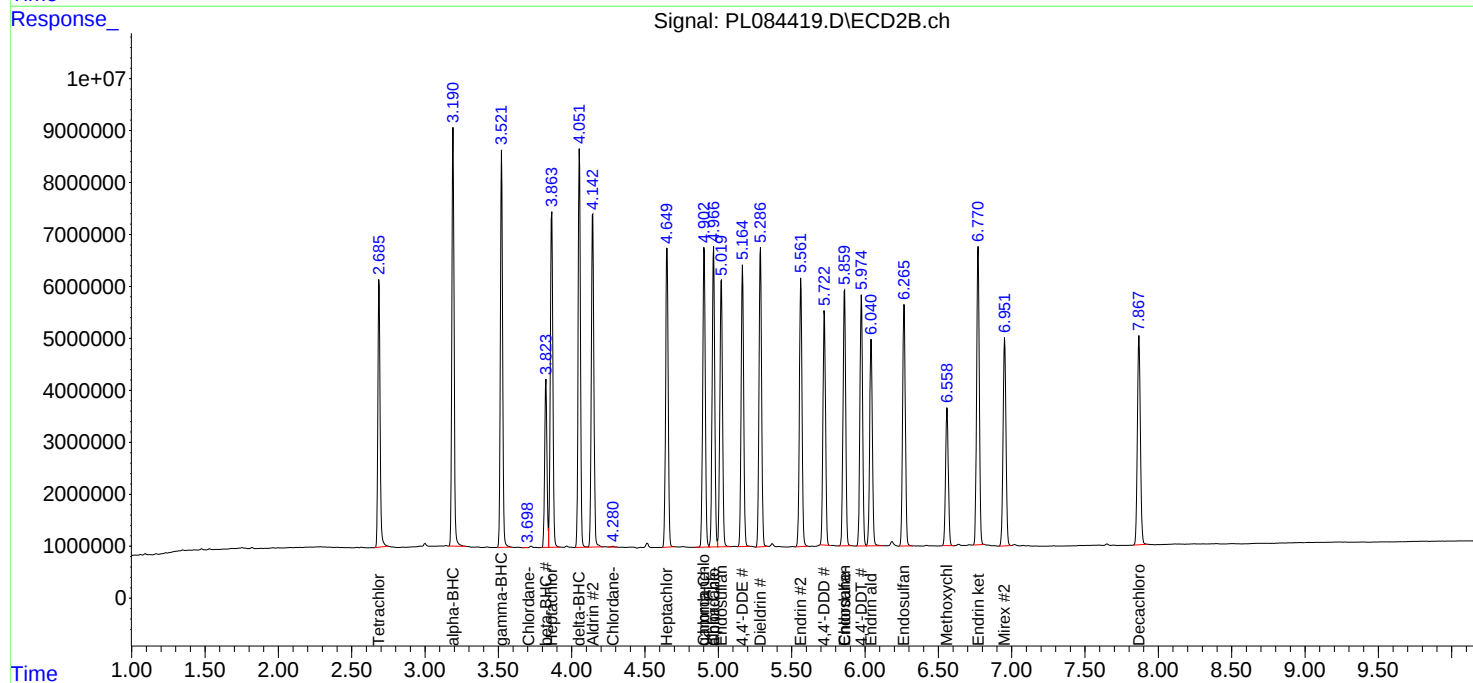
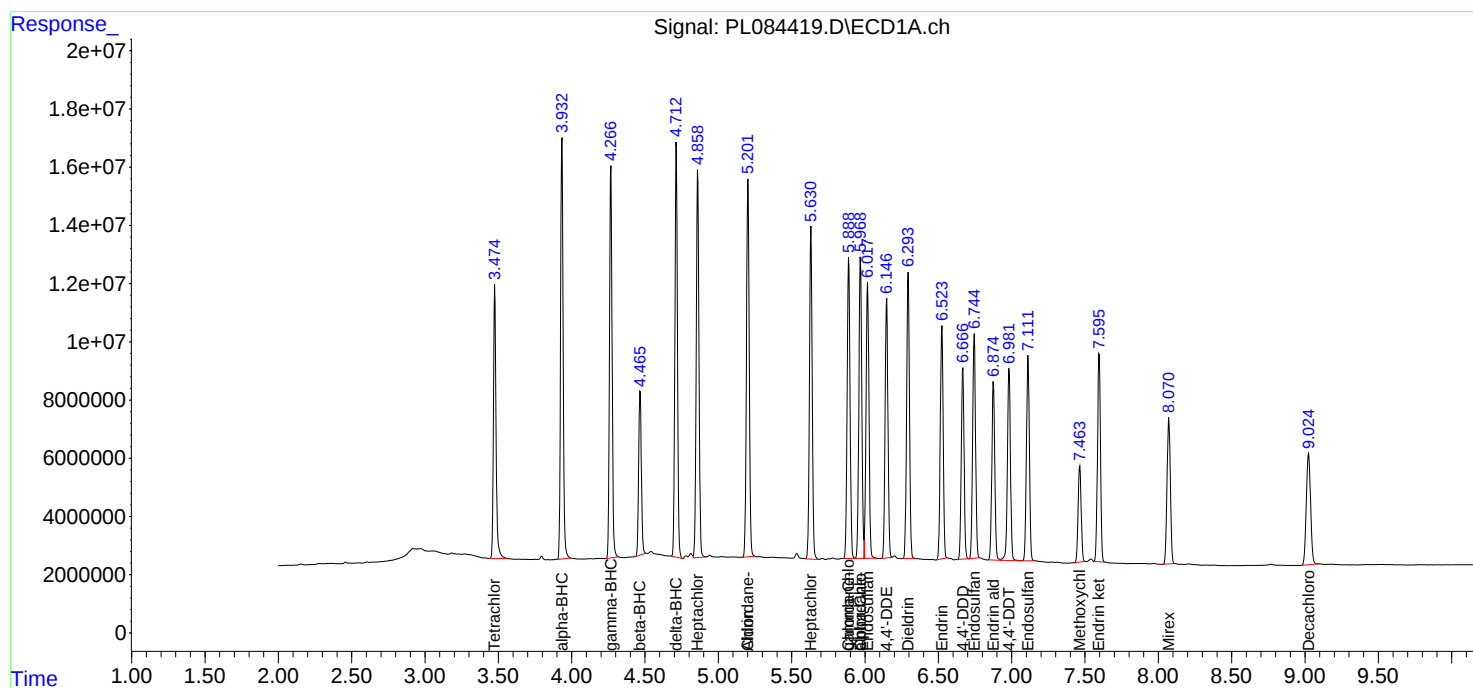
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

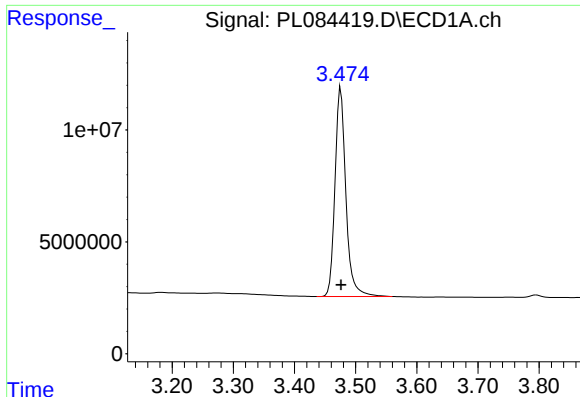
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080123\  
Data File : PL084419.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2023 00:49  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 05:38:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080123.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 31 17:26:06 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

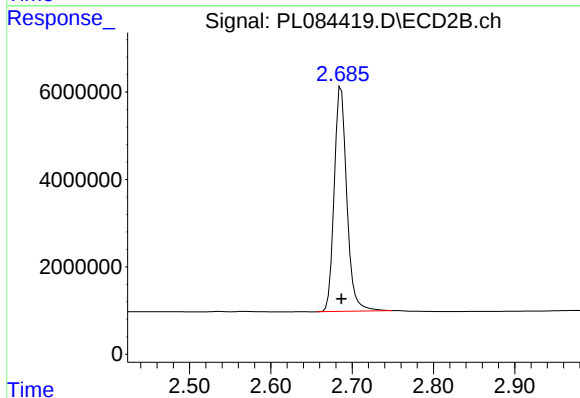




#1 Tetrachloro-m-xylene

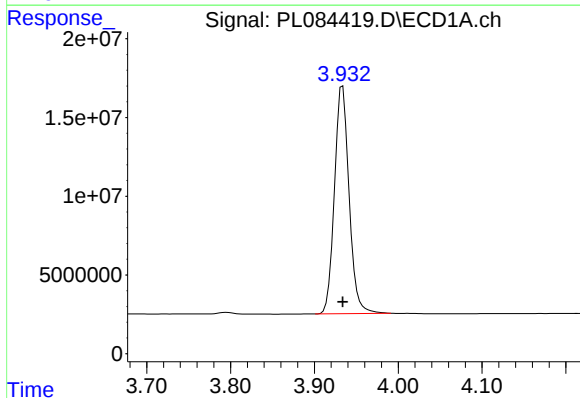
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 115708502  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



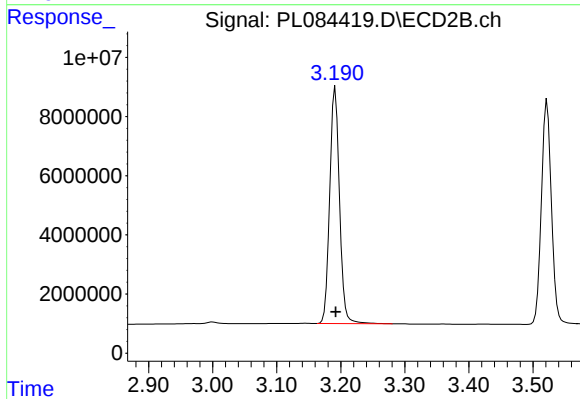
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 55510149  
Conc: 50.77 ng/ml



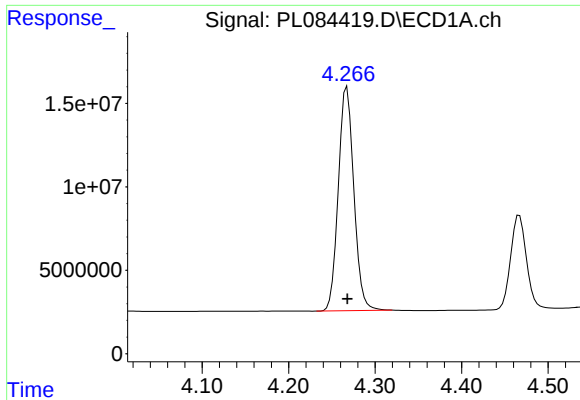
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 175145248  
Conc: 51.36 ng/ml



#2 alpha-BHC

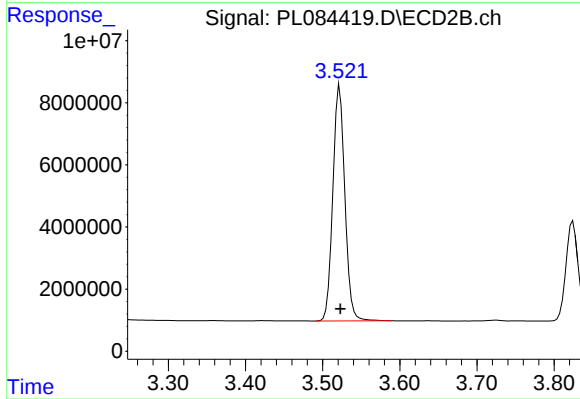
R.T.: 3.191 min  
Delta R.T.: 0.000 min  
Response: 84908748  
Conc: 51.84 ng/ml



#3 gamma-BHC (Lindane)

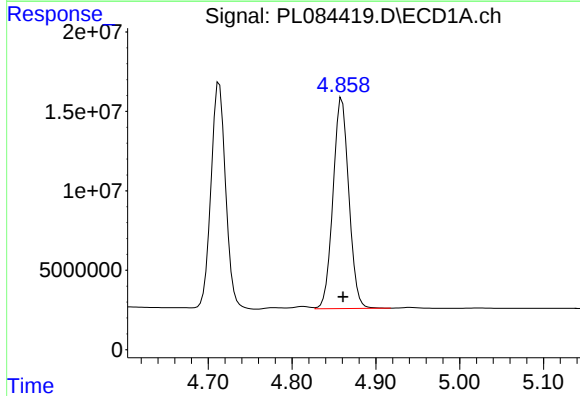
R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 166410482  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



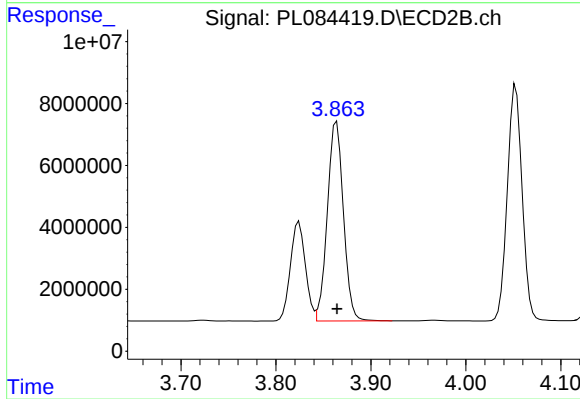
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: 0.000 min  
Response: 82327231  
Conc: 51.66 ng/ml



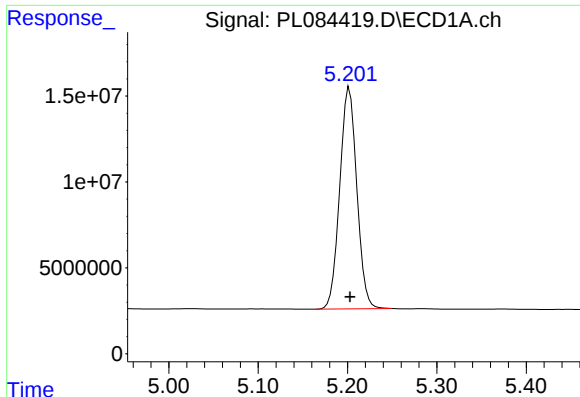
#4 Heptachlor

R.T.: 4.859 min  
Delta R.T.: -0.001 min  
Response: 173782834  
Conc: 49.87 ng/ml



#4 Heptachlor

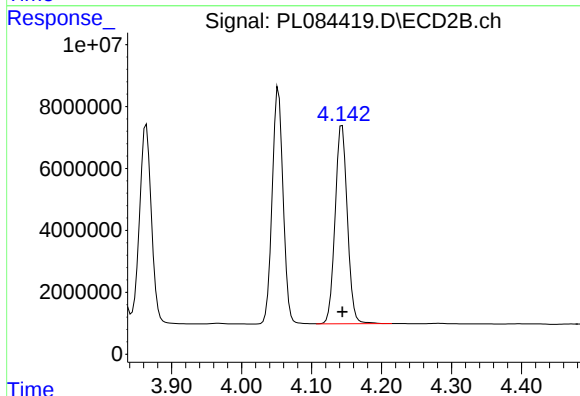
R.T.: 3.864 min  
Delta R.T.: 0.000 min  
Response: 75663548  
Conc: 50.64 ng/ml



#5 Aldrin

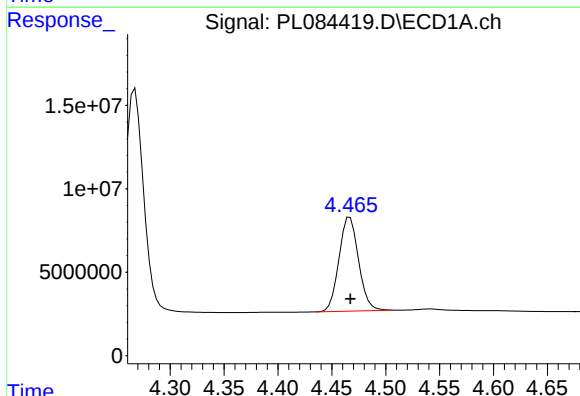
R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 171212967  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



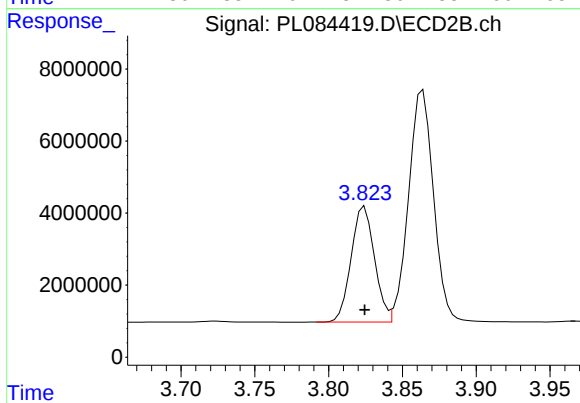
#5 Aldrin

R.T.: 4.144 min  
Delta R.T.: 0.000 min  
Response: 77936818  
Conc: 51.40 ng/ml



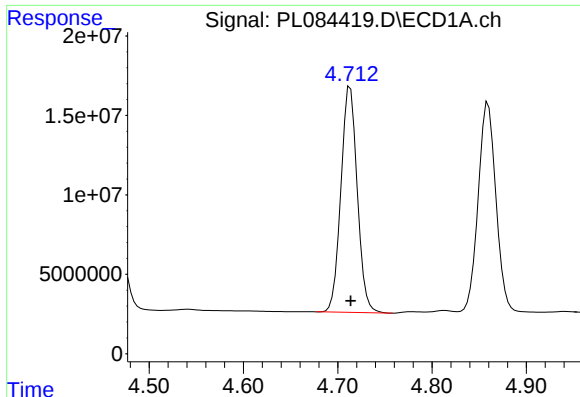
#6 beta-BHC

R.T.: 4.467 min  
Delta R.T.: 0.000 min  
Response: 71322141  
Conc: 49.40 ng/ml



#6 beta-BHC

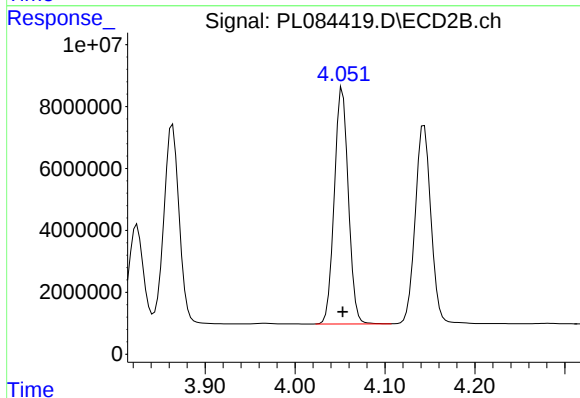
R.T.: 3.824 min  
Delta R.T.: 0.000 min  
Response: 35296635  
Conc: 50.85 ng/ml



#7 delta-BHC

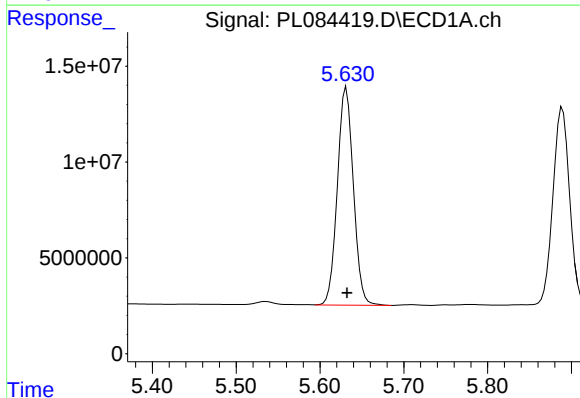
R.T.: 4.713 min  
Delta R.T.: 0.000 min  
Response: 171588277  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



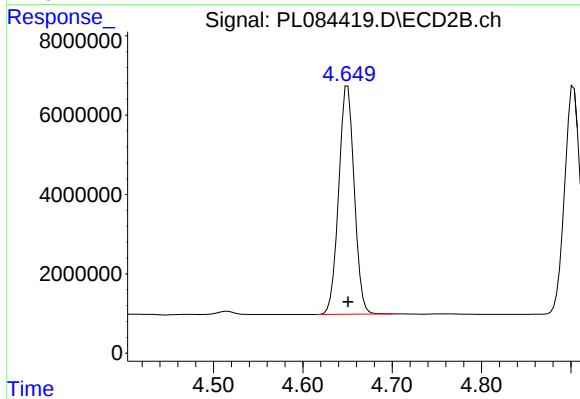
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 82798989  
Conc: 52.66 ng/ml



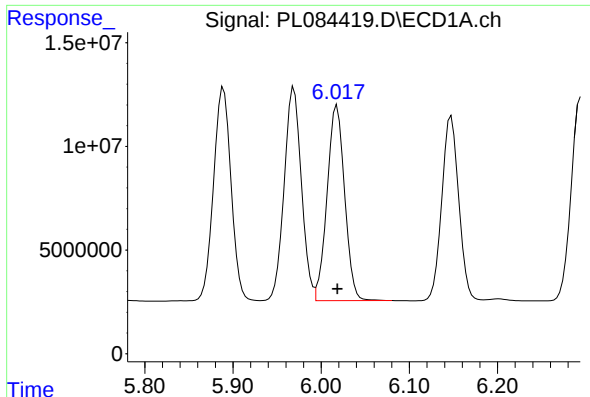
#8 Heptachlor epoxide

R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 150883901  
Conc: 49.31 ng/ml



#8 Heptachlor epoxide

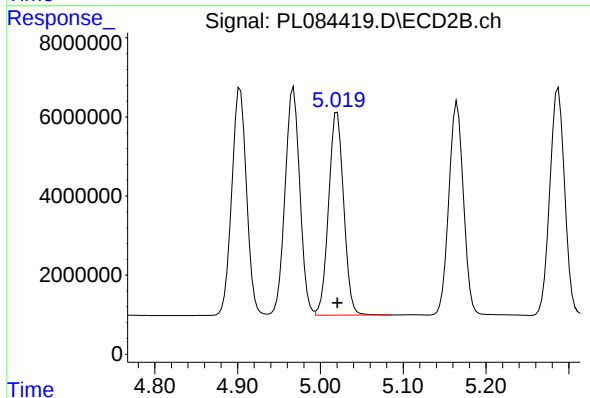
R.T.: 4.650 min  
Delta R.T.: 0.000 min  
Response: 69559340  
Conc: 50.86 ng/ml



#9 Endosulfan I

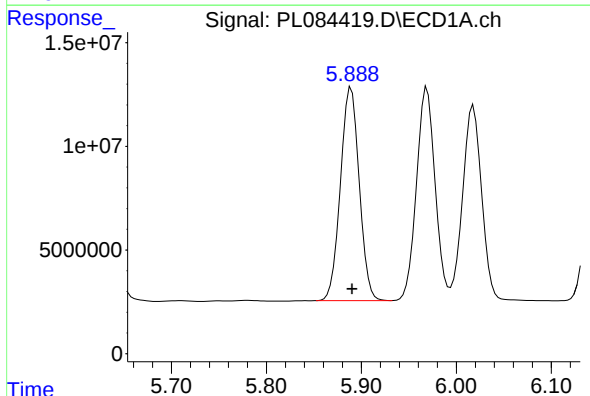
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 130377167  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



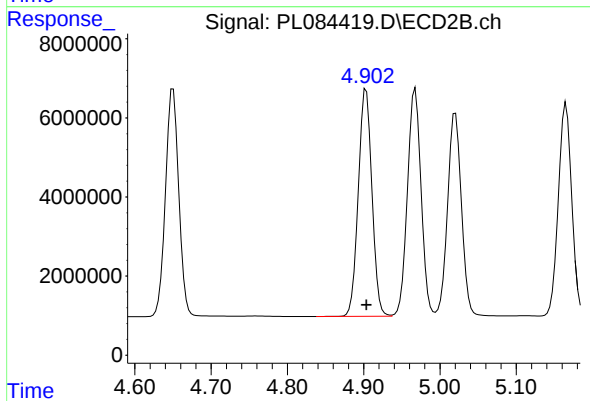
#9 Endosulfan I

R.T.: 5.020 min  
Delta R.T.: 0.000 min  
Response: 64895740  
Conc: 50.80 ng/ml



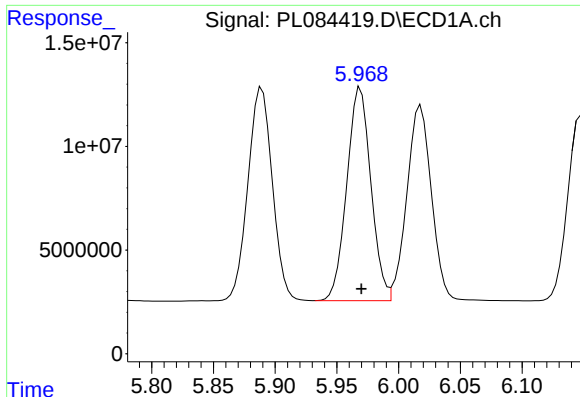
#10 gamma-Chlordane

R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 141740372  
Conc: 49.01 ng/ml



#10 gamma-Chlordane

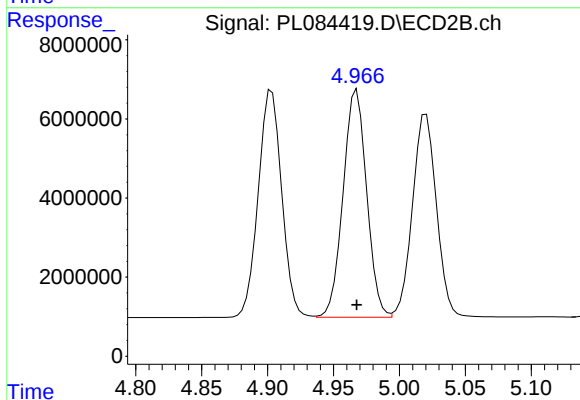
R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 71319917  
Conc: 51.03 ng/ml



#11 alpha-Chlordane

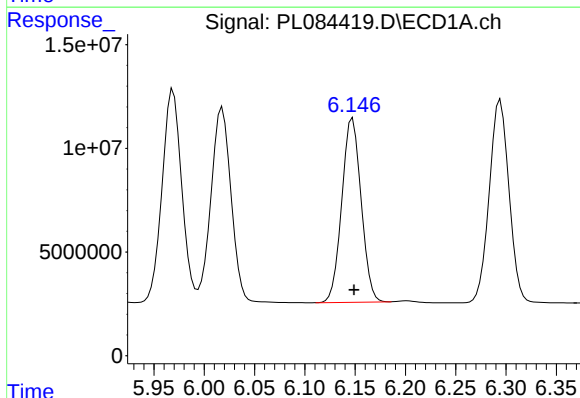
R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 139899539  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



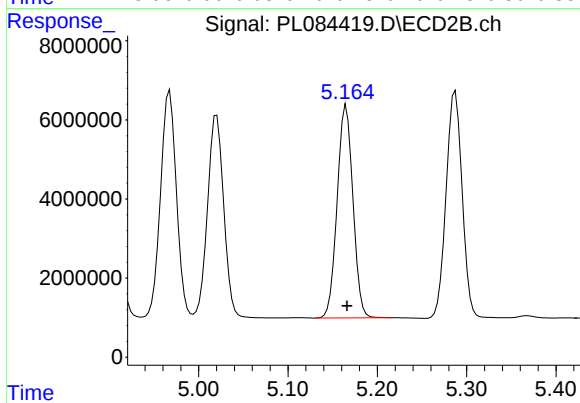
#11 alpha-Chlordane

R.T.: 4.968 min  
Delta R.T.: 0.000 min  
Response: 71404850  
Conc: 50.76 ng/ml



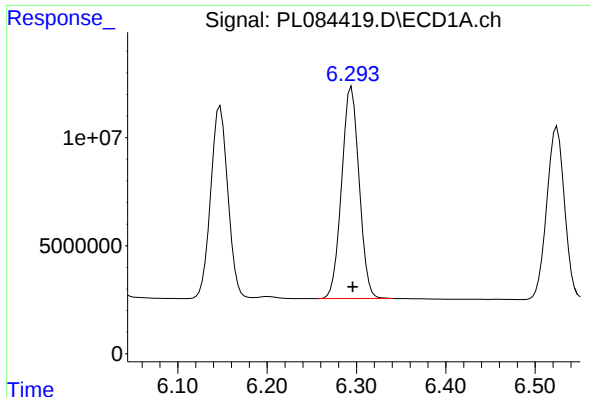
#12 4,4'-DDE

R.T.: 6.148 min  
Delta R.T.: -0.001 min  
Response: 118437880  
Conc: 51.85 ng/ml



#12 4,4'-DDE

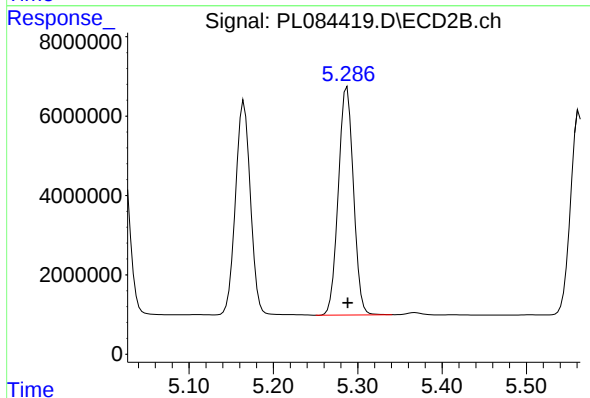
R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 65885342  
Conc: 52.29 ng/ml



#13 Dieldrin

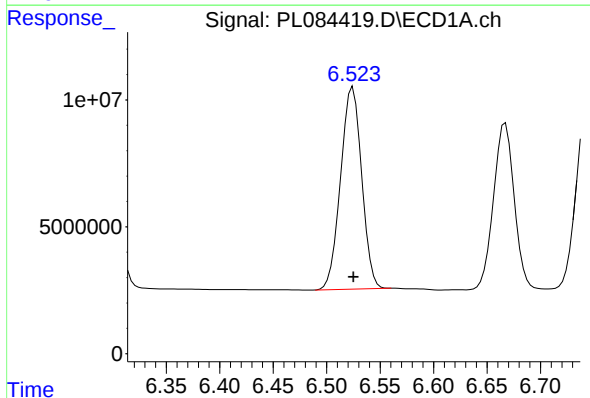
R.T.: 6.294 min  
Delta R.T.: -0.001 min  
Response: 133443745  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



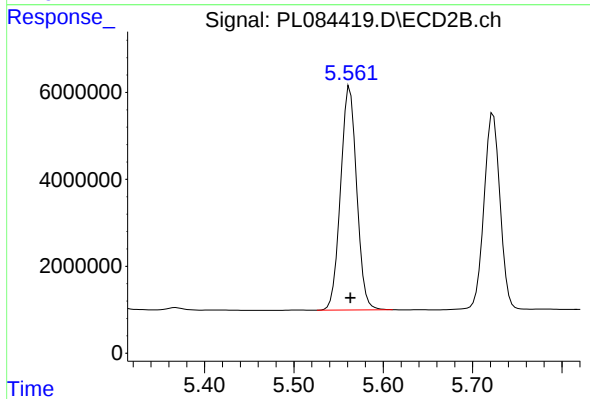
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: 0.000 min  
Response: 71561785  
Conc: 51.10 ng/ml



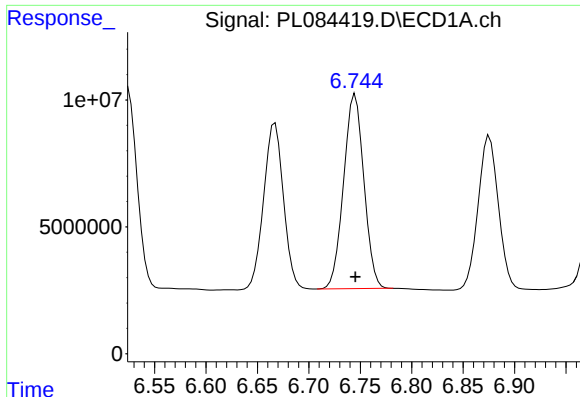
#14 Endrin

R.T.: 6.525 min  
Delta R.T.: 0.000 min  
Response: 109443710  
Conc: 49.78 ng/ml



#14 Endrin

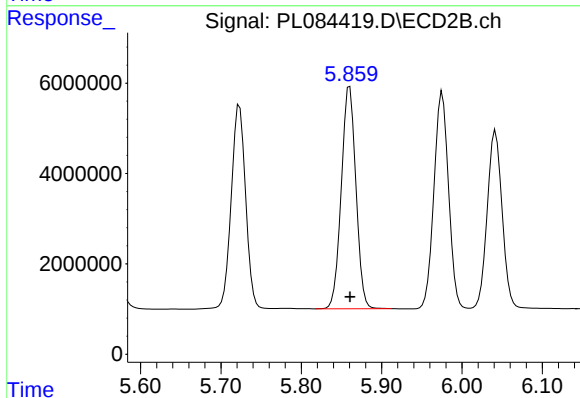
R.T.: 5.563 min  
Delta R.T.: 0.000 min  
Response: 64400047  
Conc: 51.35 ng/ml



#15 Endosulfan II

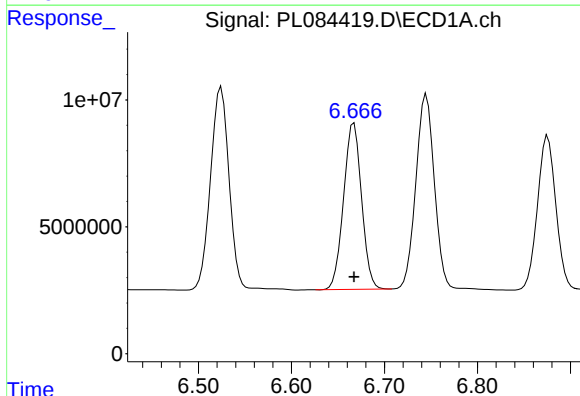
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 105166791  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



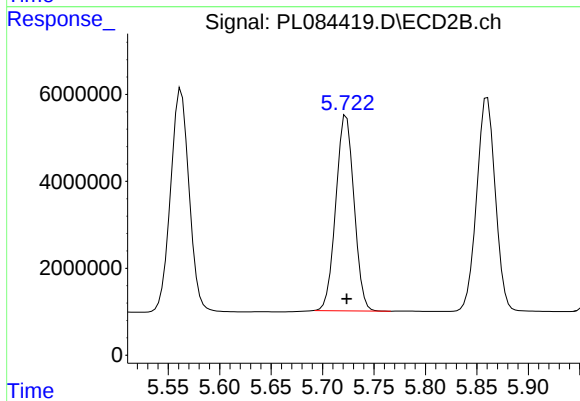
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: 62140202  
Conc: 50.26 ng/ml



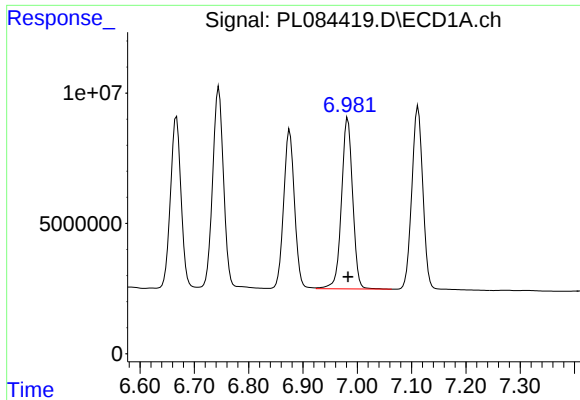
#16 4,4'-DDD

R.T.: 6.667 min  
Delta R.T.: 0.000 min  
Response: 87885957  
Conc: 53.74 ng/ml



#16 4,4'-DDD

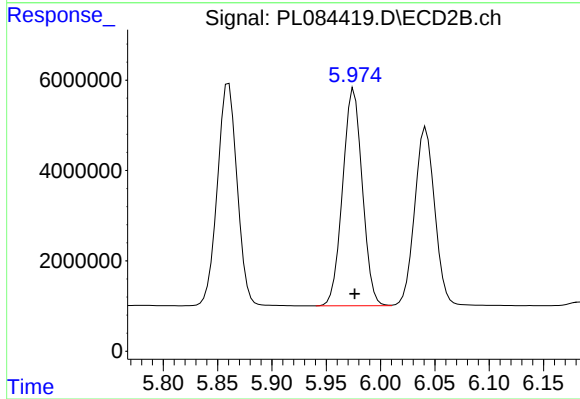
R.T.: 5.723 min  
Delta R.T.: 0.000 min  
Response: 55333348  
Conc: 52.93 ng/ml



#17 4,4'-DDT

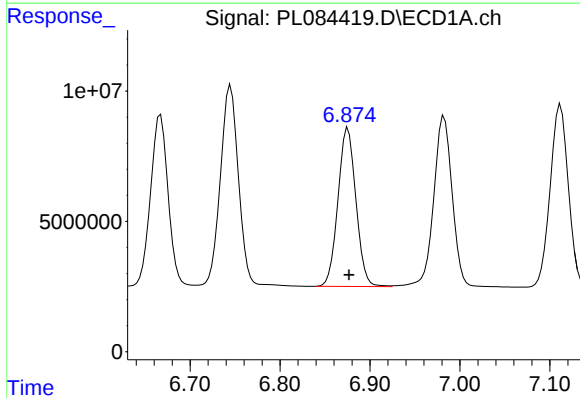
R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 93784090  
Conc: 52.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



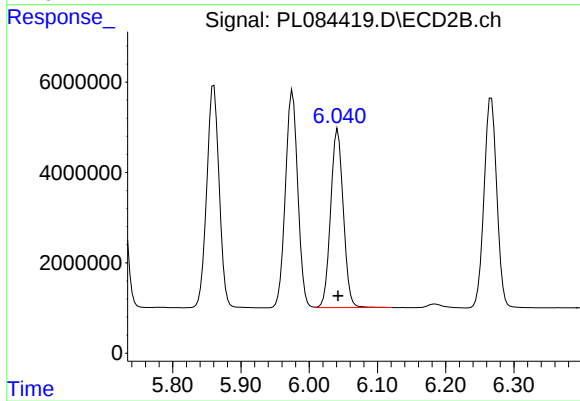
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 60664266  
Conc: 50.92 ng/ml



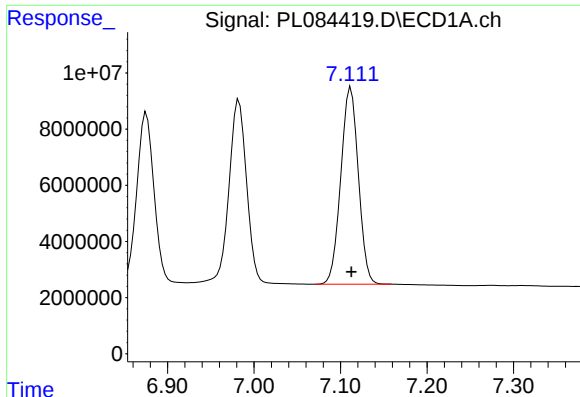
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: -0.001 min  
Response: 84415813  
Conc: 51.10 ng/ml



#18 Endrin aldehyde

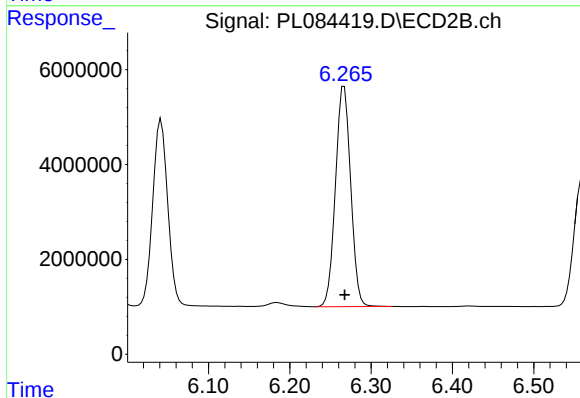
R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 50943399  
Conc: 50.58 ng/ml



#19 Endosulfan Sulfate

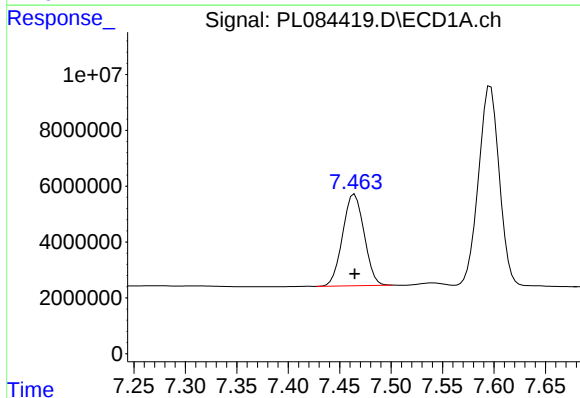
R.T.: 7.112 min  
Delta R.T.: 0.000 min  
Response: 98330249  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



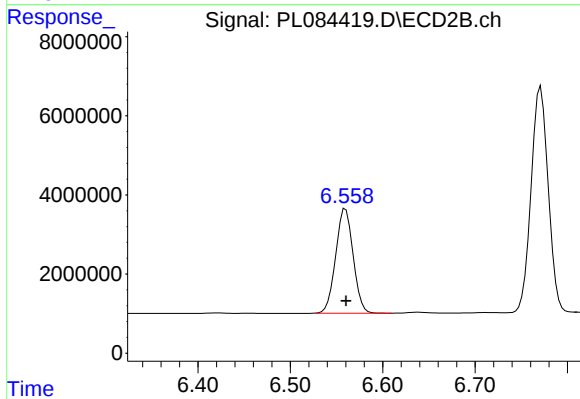
#19 Endosulfan Sulfate

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 60449269  
Conc: 49.91 ng/ml



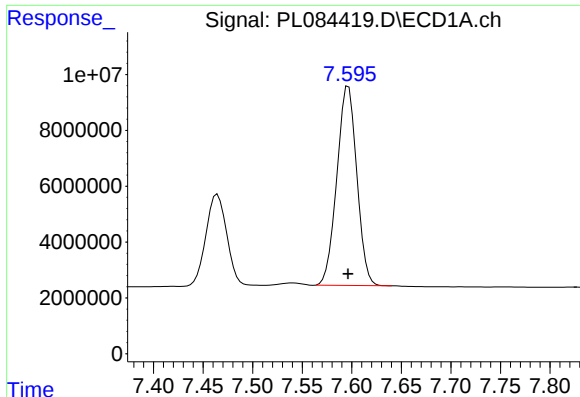
#20 Methoxychlor

R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 47750331  
Conc: 51.70 ng/ml



#20 Methoxychlor

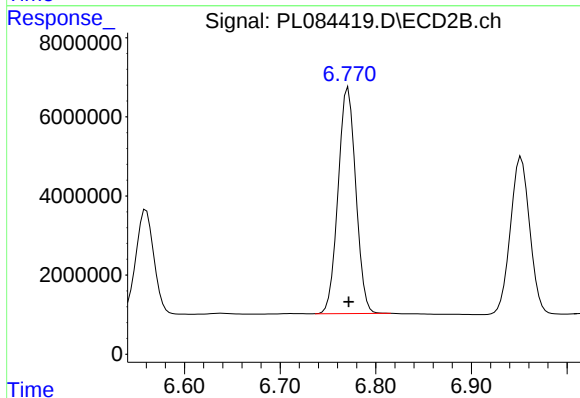
R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 34636395  
Conc: 49.44 ng/ml



#21 Endrin ketone

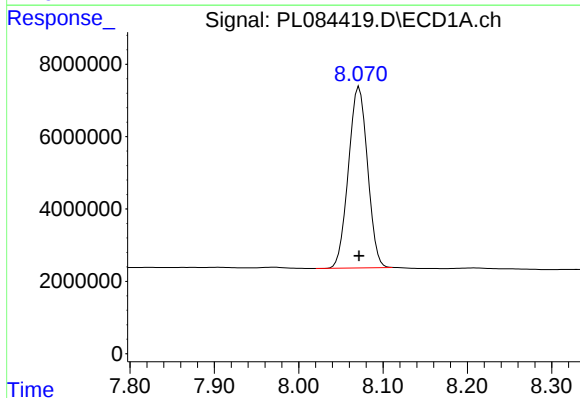
R.T.: 7.597 min  
Delta R.T.: 0.000 min  
Response: 99941068  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



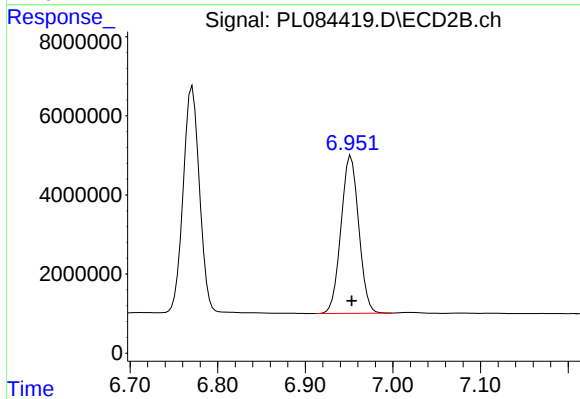
#21 Endrin ketone

R.T.: 6.771 min  
Delta R.T.: 0.000 min  
Response: 73637361  
Conc: 50.18 ng/ml



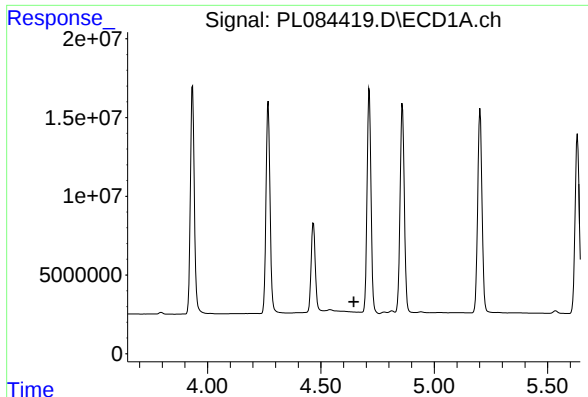
#22 Mirex

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 78827396  
Conc: 48.07 ng/ml



#22 Mirex

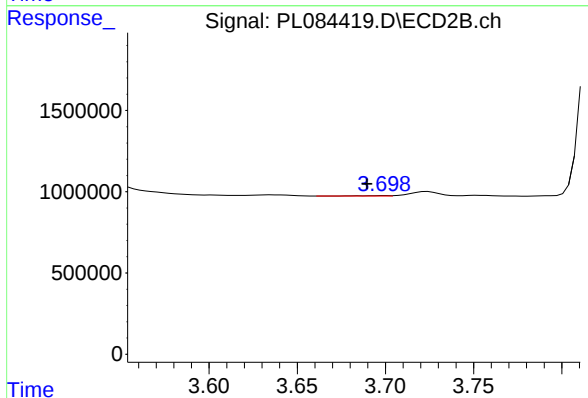
R.T.: 6.952 min  
Delta R.T.: -0.001 min  
Response: 56093233  
Conc: 48.41 ng/ml



#23 Chlordane-1

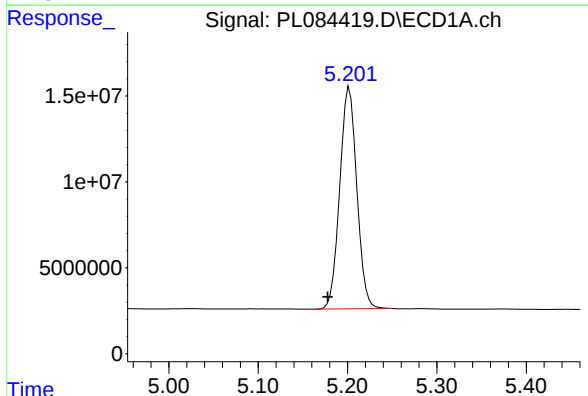
R.T.: 0.000 min  
Exp R.T.: 4.645 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



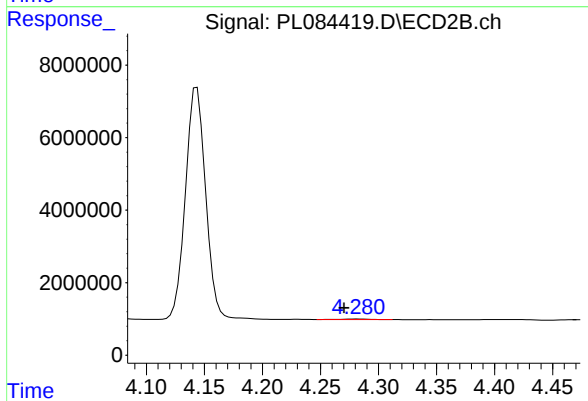
#23 Chlordane-1

R.T.: 3.700 min  
Delta R.T.: 0.010 min  
Response: 34488  
Conc: 0.09 ng/ml



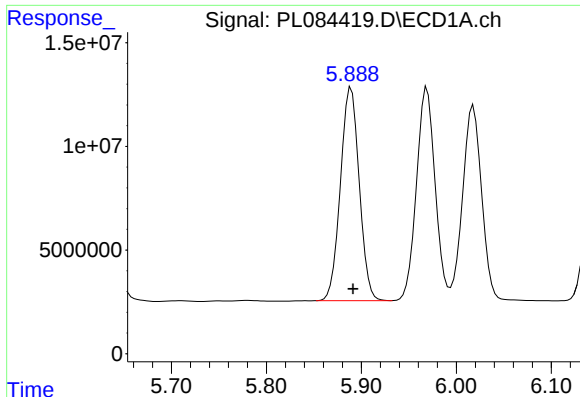
#24 Chlordane-2

R.T.: 5.202 min  
Delta R.T.: 0.024 min  
Response: 171212967  
Conc: 184.73 ng/ml



#24 Chlordane-2

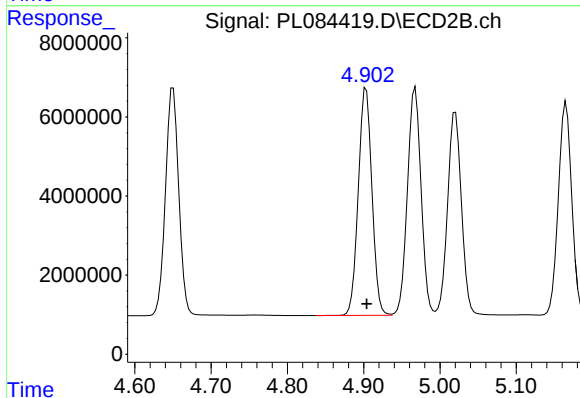
R.T.: 4.282 min  
Delta R.T.: 0.011 min  
Response: 197443  
Conc: 0.46 ng/ml



#25 Chlordane-3

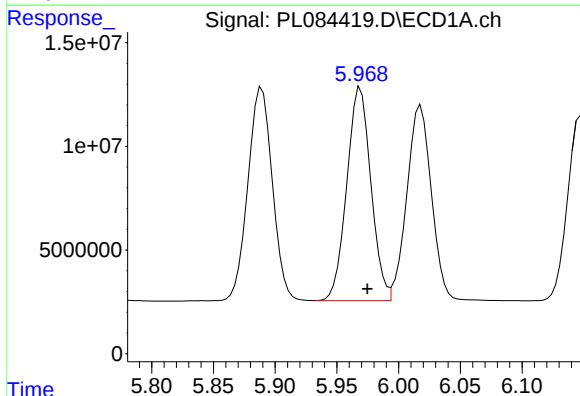
R.T.: 5.889 min  
Delta R.T.: -0.002 min  
Response: 141740372  
Conc: 35.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



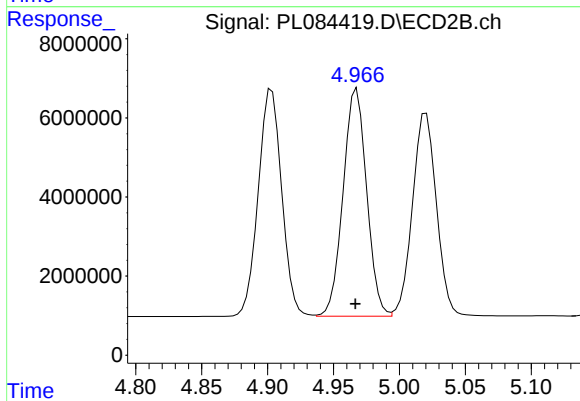
#25 Chlordane-3

R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 71319917  
Conc: 52.17 ng/ml



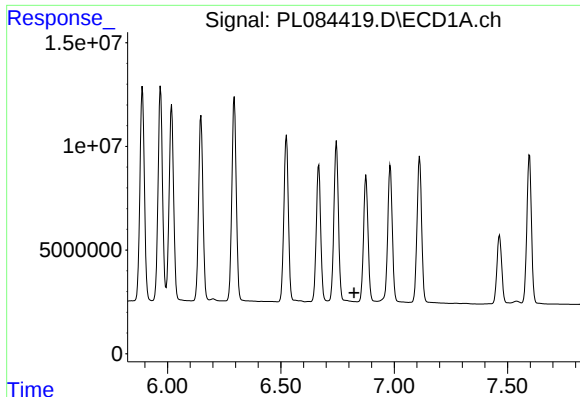
#26 Chlordane-4

R.T.: 5.969 min  
Delta R.T.: -0.006 min  
Response: 139899539  
Conc: 30.42 ng/ml



#26 Chlordane-4

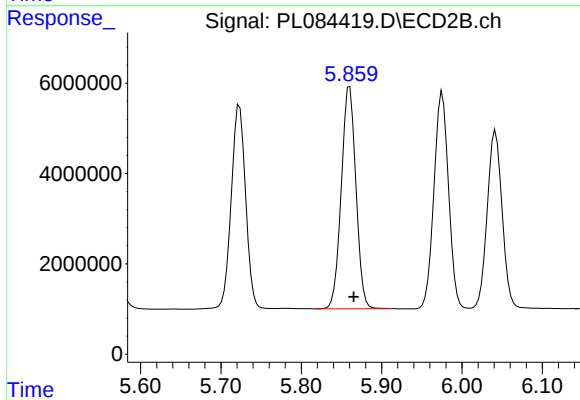
R.T.: 4.968 min  
Delta R.T.: 0.001 min  
Response: 71404850  
Conc: 49.88 ng/ml



#27 Chlordane-5

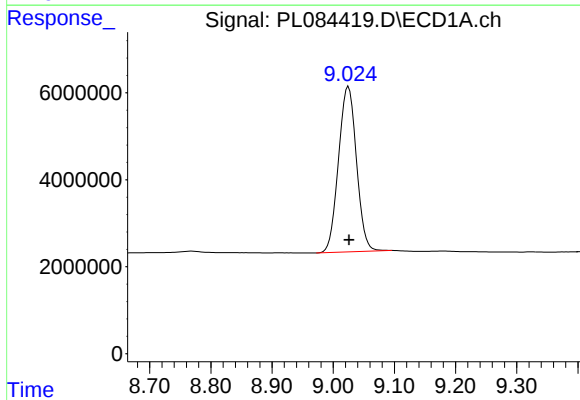
R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



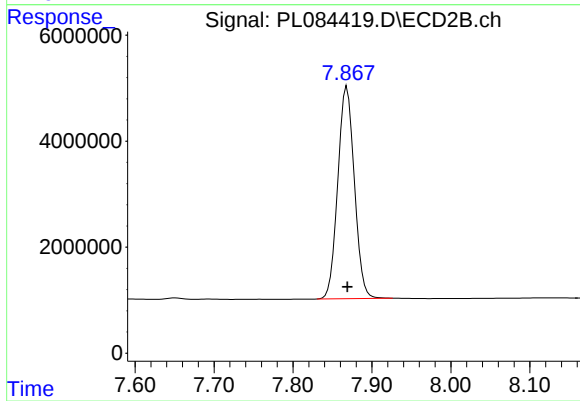
#27 Chlordane-5

R.T.: 5.860 min  
Delta R.T.: -0.005 min  
Response: 62140202  
Conc: 123.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: -0.001 min  
Response: 77657990  
Conc: 50.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 58396473  
Conc: 47.76 ng/ml