

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091823\  
 Data File : PL085397.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2023 09:47  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 18 20:14:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 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... | 3.479  | 2.683 | 112.2E6  | 51553015 | 45.861   | 45.373     |
| 28)                         | SA Decachlor... | 9.029  | 7.863 | 77046274 | 56009961 | 47.911   | 42.078     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.937  | 3.188 | 159.9E6  | 74254386 | 46.407   | 45.402     |
| 3)                          | MA gamma-BHC... | 4.271  | 3.518 | 153.3E6  | 72045855 | 46.192   | 45.142     |
| 4)                          | MA Heptachlor   | 4.863  | 3.858 | 150.8E6  | 66197755 | 45.723   | 43.619     |
| 5)                          | MB Aldrin       | 5.205  | 4.138 | 143.6E6  | 68957053 | 46.711   | 45.109     |
| 6)                          | B beta-BHC      | 4.471  | 3.821 | 64672157 | 30589209 | 45.759   | 45.081     |
| 7)                          | B delta-BHC     | 4.717  | 4.049 | 149.1E6  | 71867575 | 47.160   | 45.962     |
| 8)                          | B Heptachlo...  | 5.636  | 4.644 | 123.8E6  | 59535668 | 47.440   | 43.384     |
| 9)                          | A Endosulfan I  | 6.021  | 5.015 | 113.2E6  | 56943561 | 47.139   | 40.944     |
| 10)                         | B gamma-Chl...  | 5.893  | 4.897 | 122.8E6  | 61775108 | 47.278   | 44.787     |
| 11)                         | B alpha-Chl...  | 5.972  | 4.962 | 121.3E6  | 62618456 | 47.126   | 41.902     |
| 12)                         | B 4,4'-DDE      | 6.151  | 5.160 | 103.6E6  | 57241015 | 49.817   | 46.012     |
| 13)                         | MA Dieldrin     | 6.298  | 5.282 | 115.1E6  | 62365088 | 47.260   | 44.361     |
| 14)                         | MA Endrin       | 6.527  | 5.557 | 94830730 | 55211716 | 45.908   | 43.194     |
| 15)                         | B Endosulfa...  | 6.748  | 5.855 | 97589074 | 55401849 | 48.227   | 44.743     |
| 16)                         | A 4,4'-DDD      | 6.671  | 5.718 | 79687658 | 48714541 | 51.757   | 46.368     |
| 17)                         | MA 4,4'-DDT     | 6.986  | 5.970 | 82137807 | 50656216 | 48.758   | 43.450     |
| 18)                         | B Endrin al...  | 6.879  | 6.037 | 71023072 | 45020335 | 46.205   | 44.076     |
| 19)                         | B Endosulfa...  | 7.115  | 6.262 | 89040516 | 53305946 | 47.569   | 44.422     |
| 20)                         | A Methoxychlor  | 7.468  | 6.554 | 45084688 | 27548850 | 49.620   | 40.952     |
| 21)                         | B Endrin ke...  | 7.599  | 6.766 | 93766392 | 65813824 | 47.868   | 44.620     |
| 22)                         | Mirex           | 8.075  | 6.946 | 74488673 | 50693352 | 44.726   | 42.807     |
| 24)                         | Chlordane-2     | 5.205f | 4.277 | 143.6E6  | 63177    | 1371.029 | 1.311 #    |
| 25)                         | Chlordane-3     | 5.893  | 4.897 | 122.8E6  | 61775108 | 339.796  | 460.053 #  |
| 26)                         | Chlordane-4     | 5.972  | 4.962 | 121.3E6  | 62618456 | 279.493  | 421.085 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.855 | 0        | 55401849 | N.D.     | 1088.338 # |
| -----                       |                 |        |       |          |          |          |            |

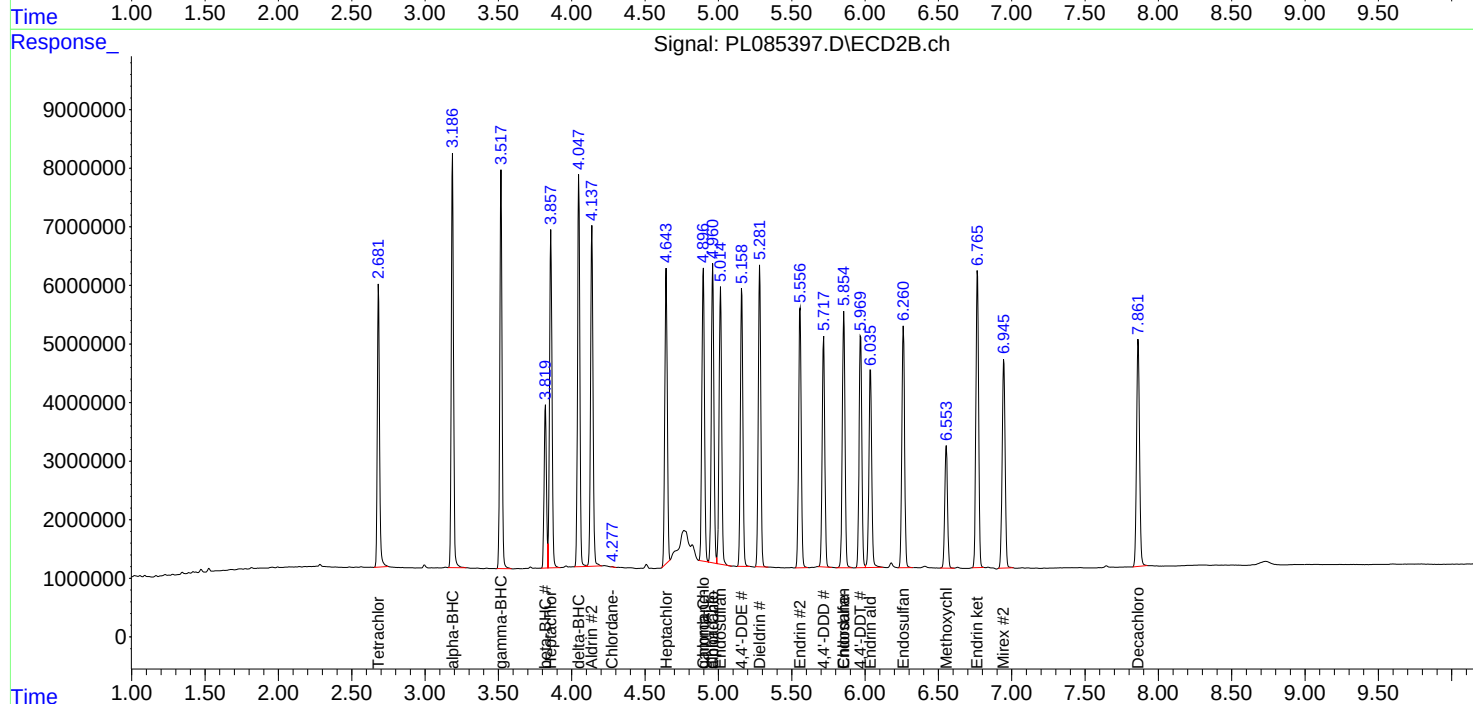
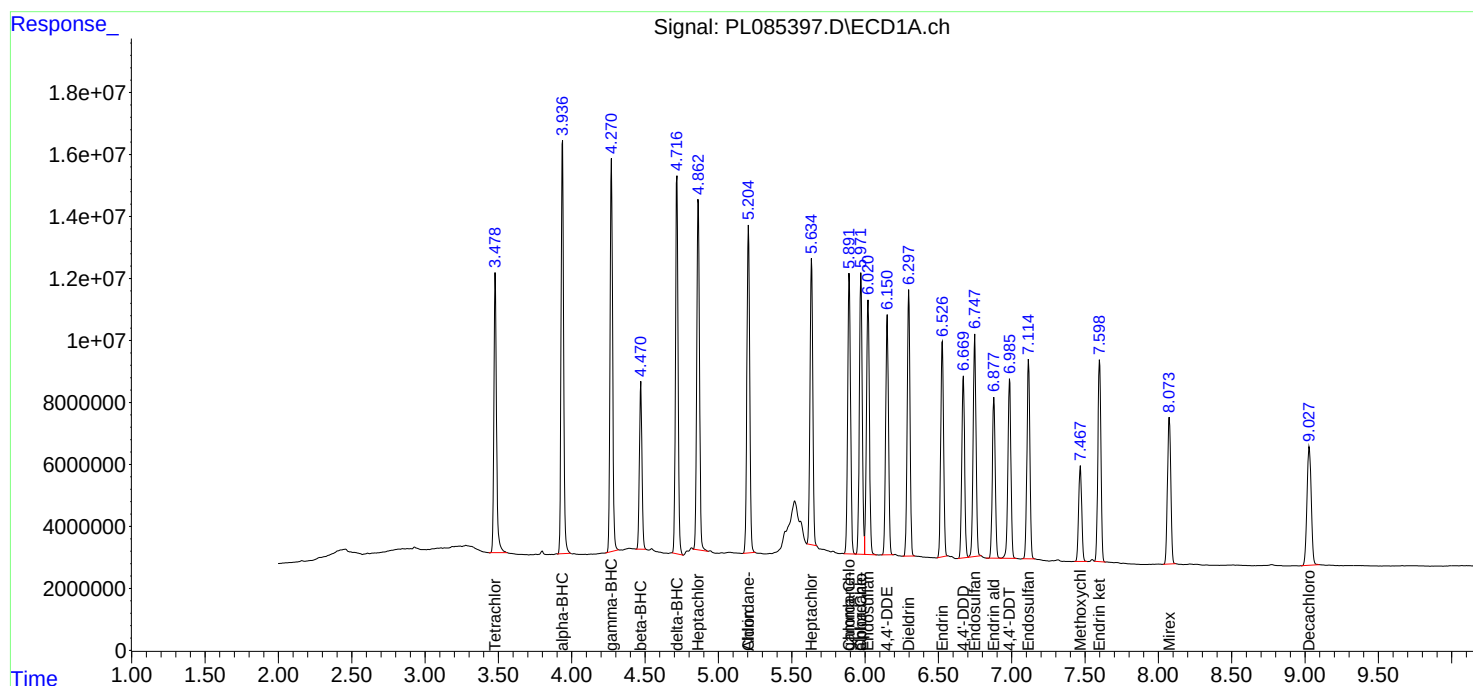
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

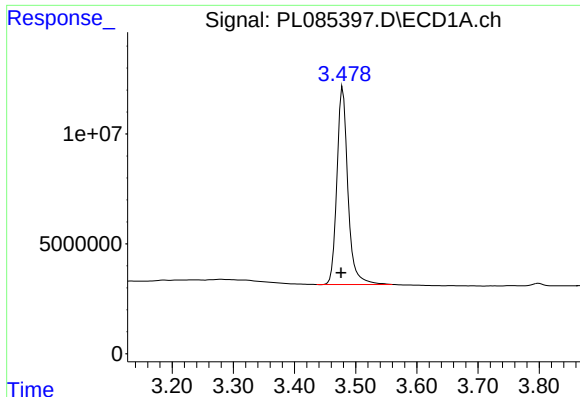
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091823\  
Data File : PL085397.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Sep 2023 09:47  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 20:14:24 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 2023  
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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

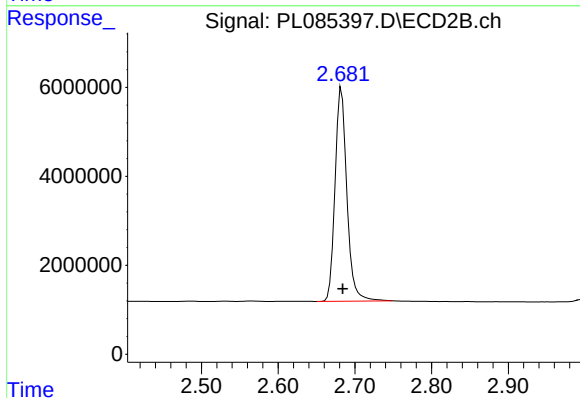




#1 Tetrachloro-m-xylene

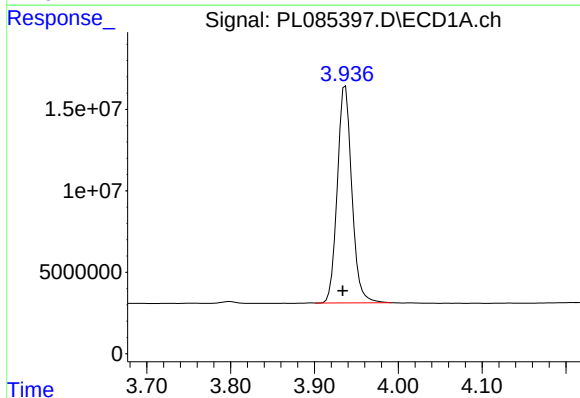
R.T.: 3.479 min  
Delta R.T.: 0.003 min  
Response: 112171996  
Conc: 45.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



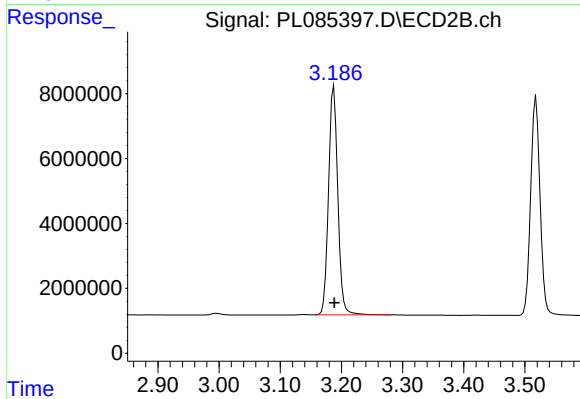
#1 Tetrachloro-m-xylene

R.T.: 2.683 min  
Delta R.T.: -0.002 min  
Response: 51553015  
Conc: 45.37 ng/ml



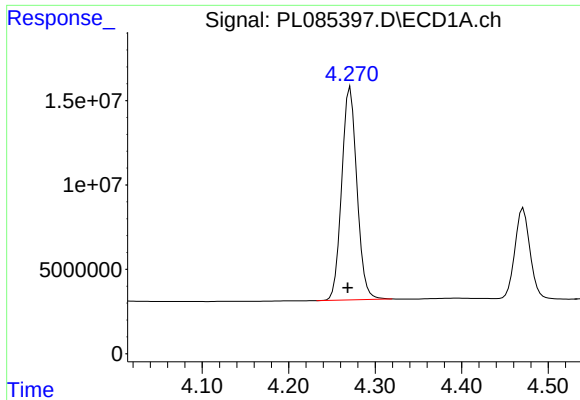
#2 alpha-BHC

R.T.: 3.937 min  
Delta R.T.: 0.003 min  
Response: 159910045  
Conc: 46.41 ng/ml



#2 alpha-BHC

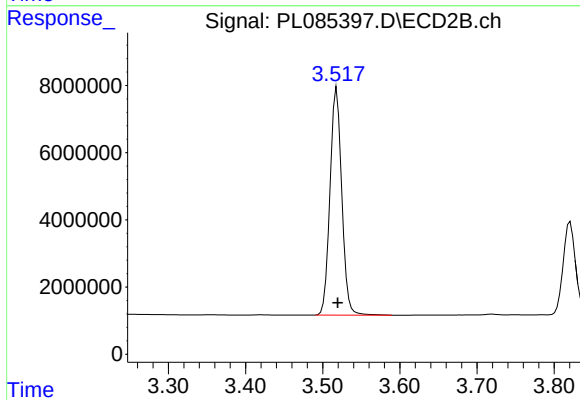
R.T.: 3.188 min  
Delta R.T.: 0.000 min  
Response: 74254386  
Conc: 45.40 ng/ml



#3 gamma-BHC (Lindane)

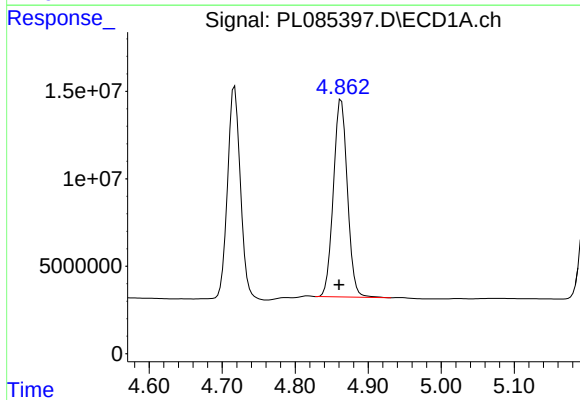
R.T.: 4.271 min  
Delta R.T.: 0.003 min  
Response: 153342005  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



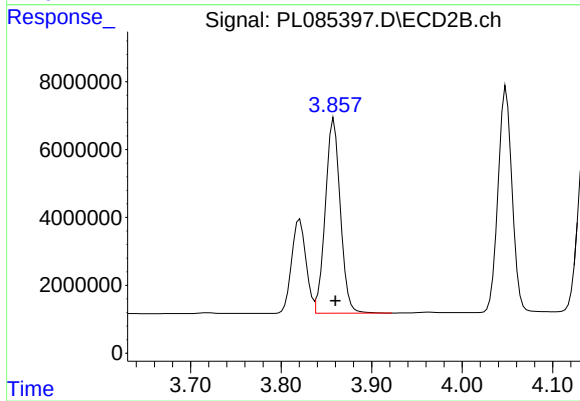
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.001 min  
Response: 72045855  
Conc: 45.14 ng/ml



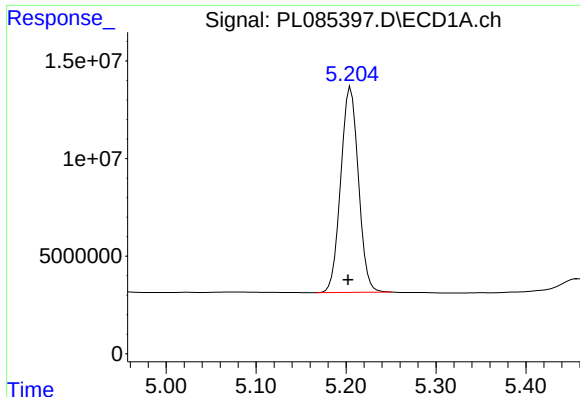
#4 Heptachlor

R.T.: 4.863 min  
Delta R.T.: 0.003 min  
Response: 150766418  
Conc: 45.72 ng/ml



#4 Heptachlor

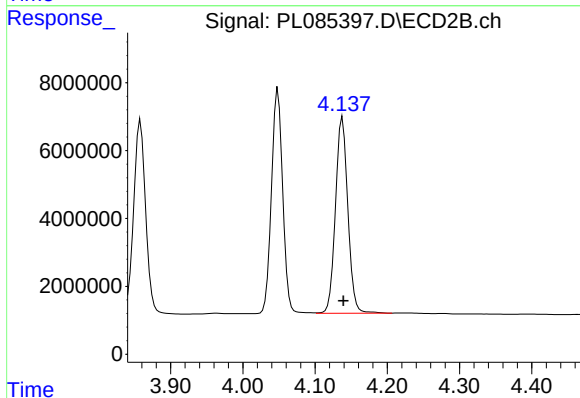
R.T.: 3.858 min  
Delta R.T.: -0.001 min  
Response: 66197755  
Conc: 43.62 ng/ml



#5 Aldrin

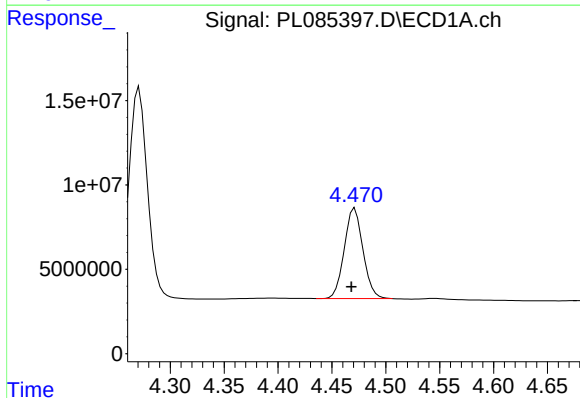
R.T.: 5.205 min  
Delta R.T.: 0.003 min  
Response: 143629837  
Conc: 46.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



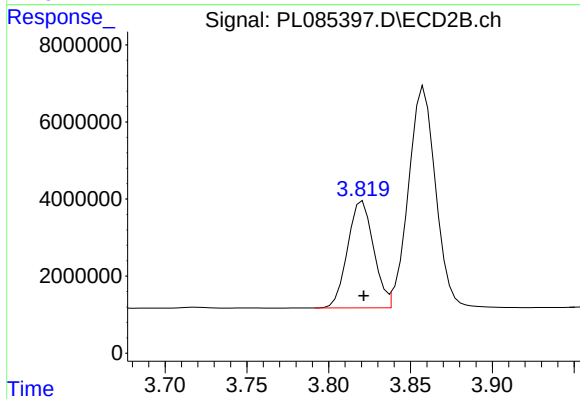
#5 Aldrin

R.T.: 4.138 min  
Delta R.T.: -0.001 min  
Response: 68957053  
Conc: 45.11 ng/ml



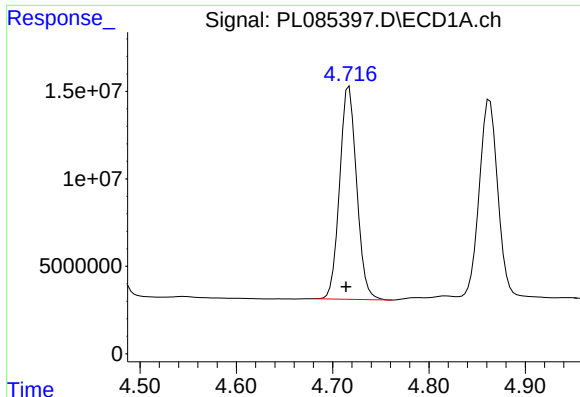
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.003 min  
Response: 64672157  
Conc: 45.76 ng/ml



#6 beta-BHC

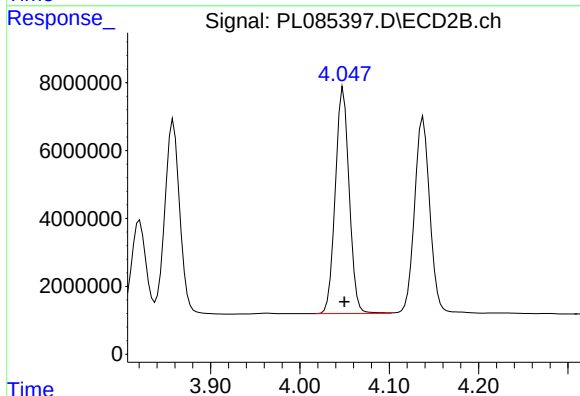
R.T.: 3.821 min  
Delta R.T.: 0.000 min  
Response: 30589209  
Conc: 45.08 ng/ml



#7 delta-BHC

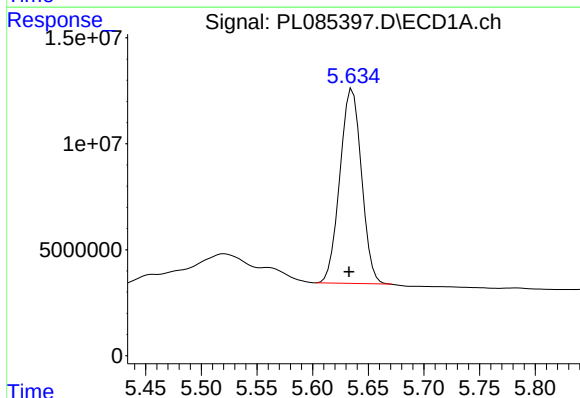
R.T.: 4.717 min  
Delta R.T.: 0.003 min  
Response: 149052609  
Conc: 47.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



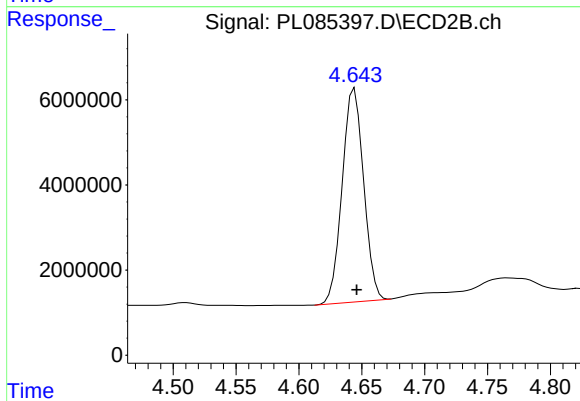
#7 delta-BHC

R.T.: 4.049 min  
Delta R.T.: -0.001 min  
Response: 71867575  
Conc: 45.96 ng/ml



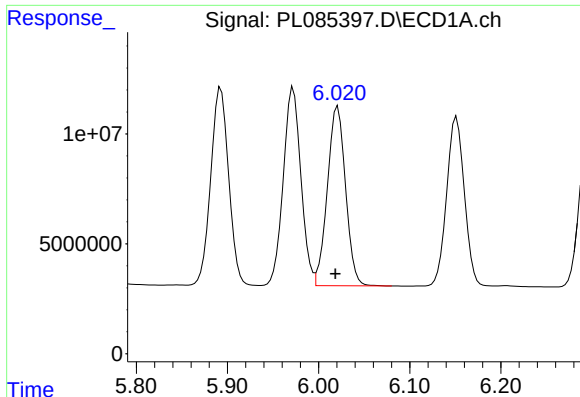
#8 Heptachlor epoxide

R.T.: 5.636 min  
Delta R.T.: 0.003 min  
Response: 123814848  
Conc: 47.44 ng/ml



#8 Heptachlor epoxide

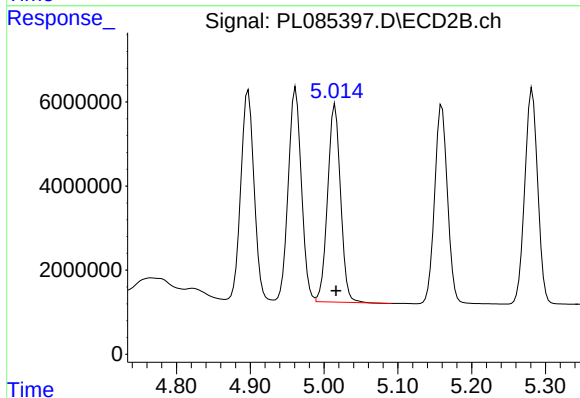
R.T.: 4.644 min  
Delta R.T.: -0.002 min  
Response: 59535668  
Conc: 43.38 ng/ml



#9 Endosulfan I

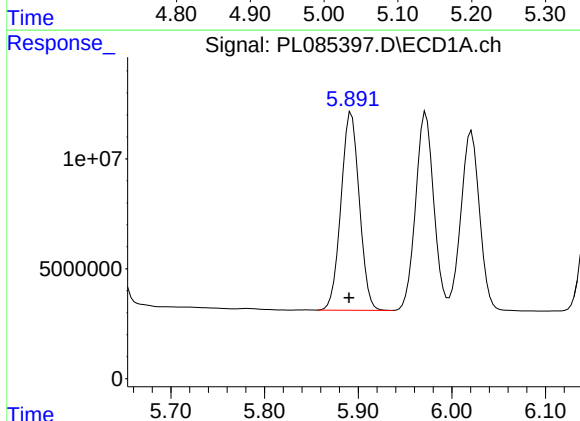
R.T.: 6.021 min  
Delta R.T.: 0.003 min  
Response: 113212567  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



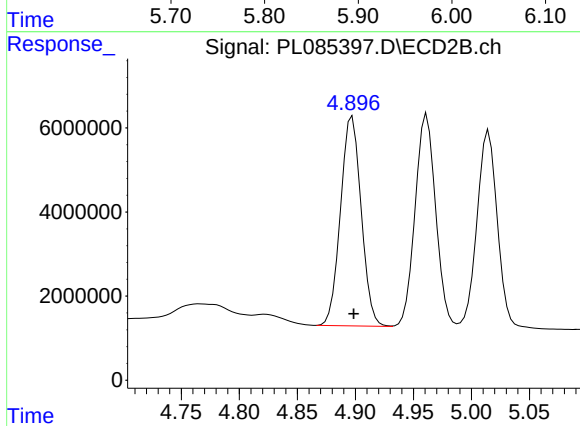
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.001 min  
Response: 56943561  
Conc: 40.94 ng/ml



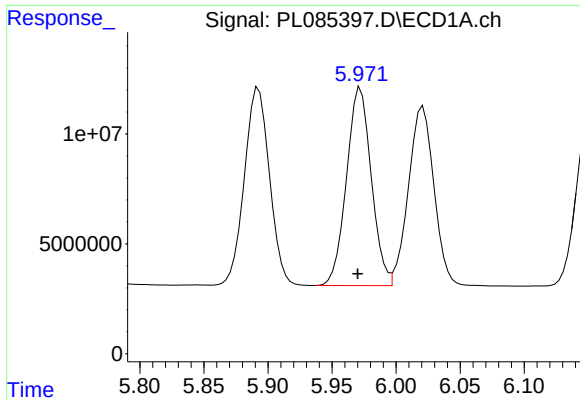
#10 gamma-Chlordane

R.T.: 5.893 min  
Delta R.T.: 0.003 min  
Response: 122816986  
Conc: 47.28 ng/ml



#10 gamma-Chlordane

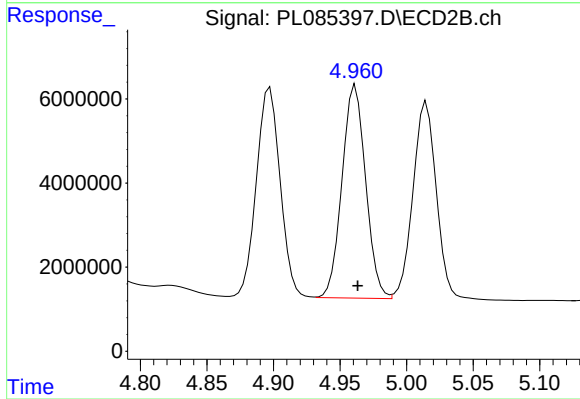
R.T.: 4.897 min  
Delta R.T.: -0.001 min  
Response: 61775108  
Conc: 44.79 ng/ml



#11 alpha-Chlordane

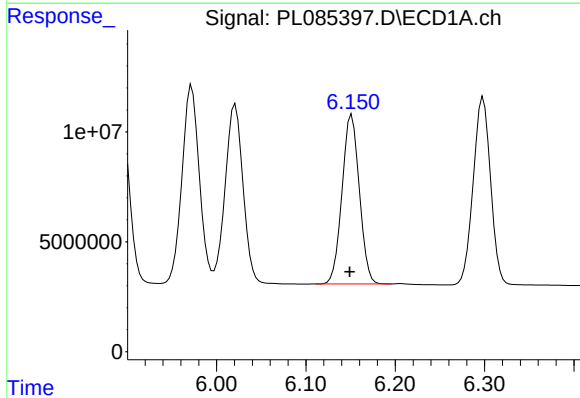
R.T.: 5.972 min  
Delta R.T.: 0.002 min  
Response: 121257184  
Conc: 47.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



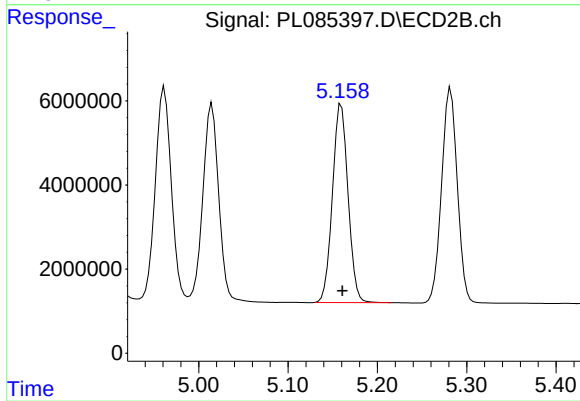
#11 alpha-Chlordane

R.T.: 4.962 min  
Delta R.T.: -0.002 min  
Response: 62618456  
Conc: 41.90 ng/ml



#12 4,4'-DDE

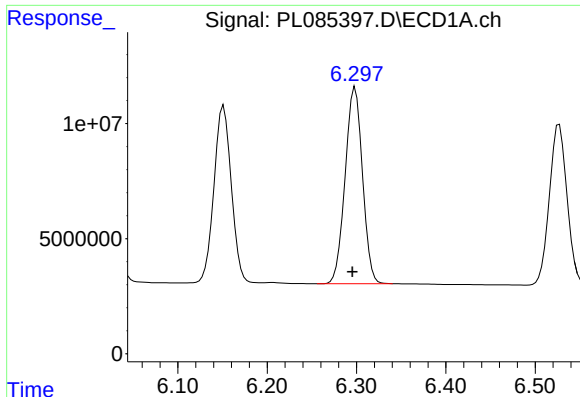
R.T.: 6.151 min  
Delta R.T.: 0.002 min  
Response: 103554439  
Conc: 49.82 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min  
Delta R.T.: -0.001 min  
Response: 57241015  
Conc: 46.01 ng/ml

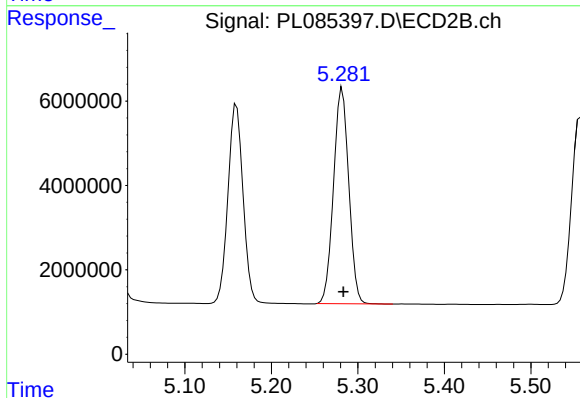




#13 Dieldrin

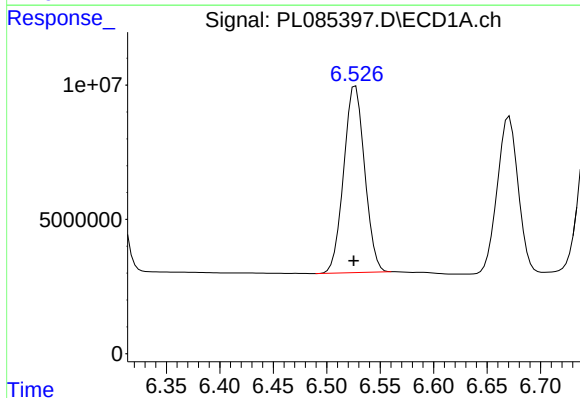
R.T.: 6.298 min  
Delta R.T.: 0.003 min  
Response: 115147700  
Conc: 47.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



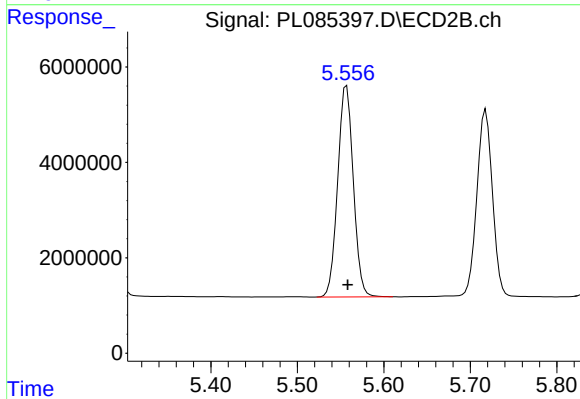
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.001 min  
Response: 62365088  
Conc: 44.36 ng/ml



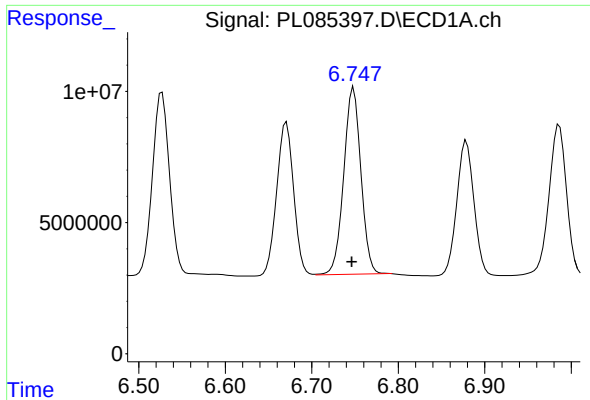
#14 Endrin

R.T.: 6.527 min  
Delta R.T.: 0.002 min  
Response: 94830730  
Conc: 45.91 ng/ml



#14 Endrin

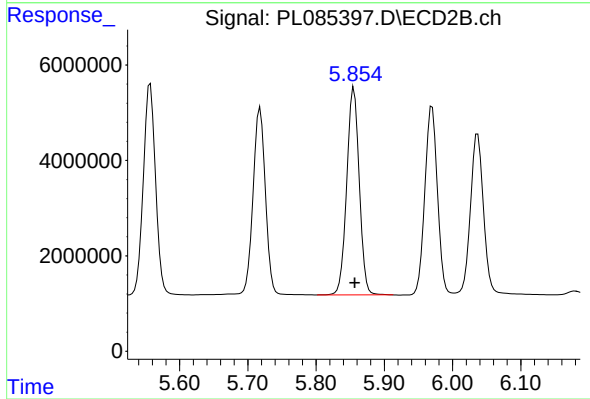
R.T.: 5.557 min  
Delta R.T.: -0.001 min  
Response: 55211716  
Conc: 43.19 ng/ml



#15 Endosulfan II

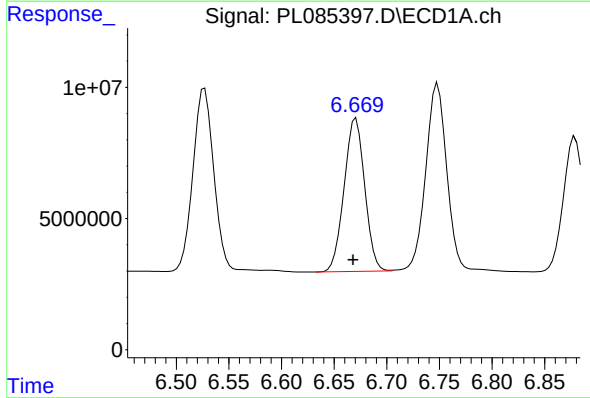
R.T.: 6.748 min  
Delta R.T.: 0.002 min  
Response: 97589074  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



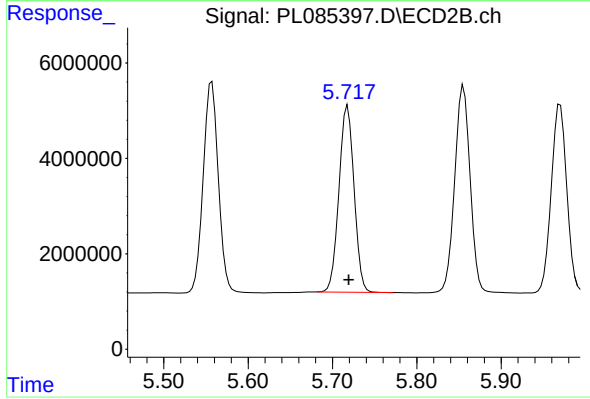
#15 Endosulfan II

R.T.: 5.855 min  
Delta R.T.: -0.001 min  
Response: 55401849  
Conc: 44.74 ng/ml



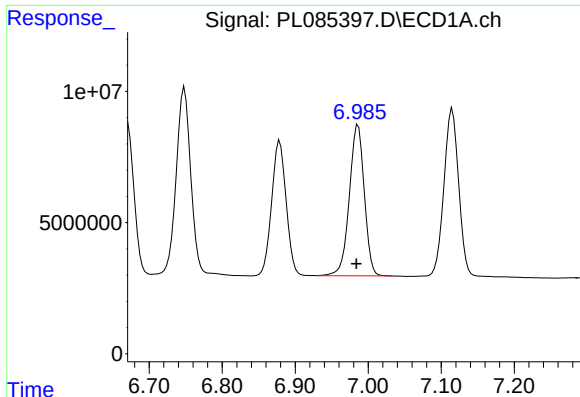
#16 4,4'-DDD

R.T.: 6.671 min  
Delta R.T.: 0.003 min  
Response: 79687658  
Conc: 51.76 ng/ml



#16 4,4'-DDD

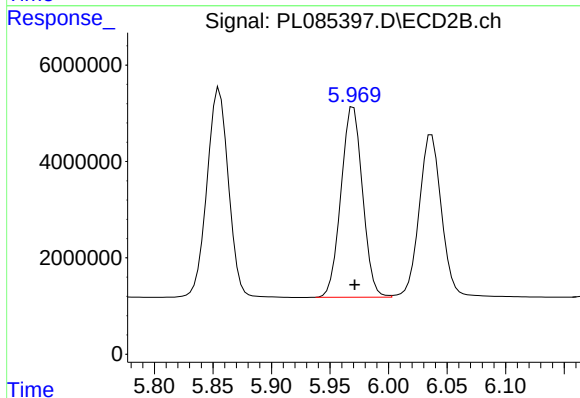
R.T.: 5.718 min  
Delta R.T.: -0.001 min  
Response: 48714541  
Conc: 46.37 ng/ml



#17 4,4'-DDT

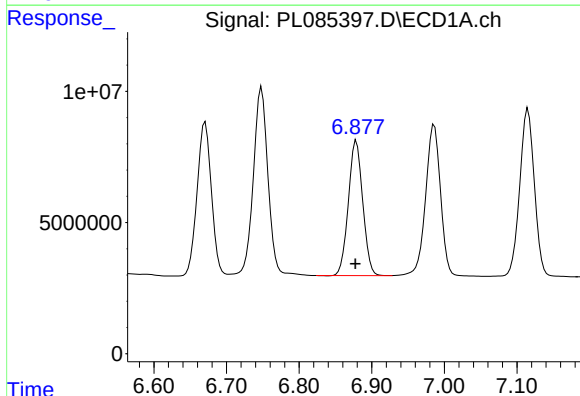
R.T.: 6.986 min  
Delta R.T.: 0.002 min  
Response: 82137807  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



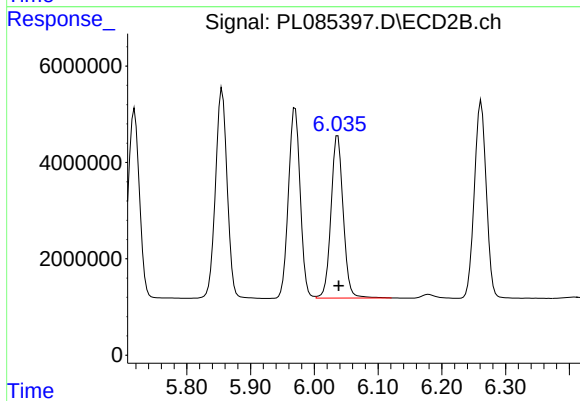
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: -0.001 min  
Response: 50656216  
Conc: 43.45 ng/ml



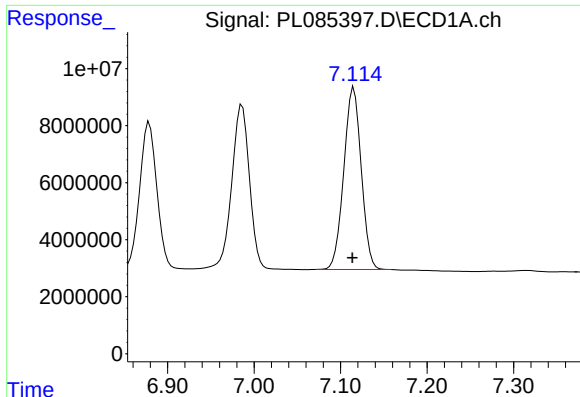
#18 Endrin aldehyde

R.T.: 6.879 min  
Delta R.T.: 0.001 min  
Response: 71023072  
Conc: 46.20 ng/ml



#18 Endrin aldehyde

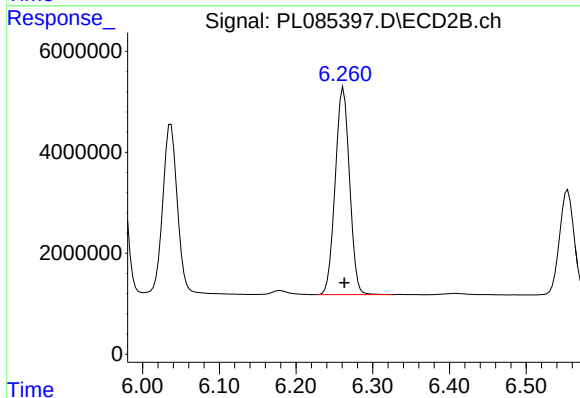
R.T.: 6.037 min  
Delta R.T.: -0.001 min  
Response: 45020335  
Conc: 44.08 ng/ml



#19 Endosulfan Sulfate

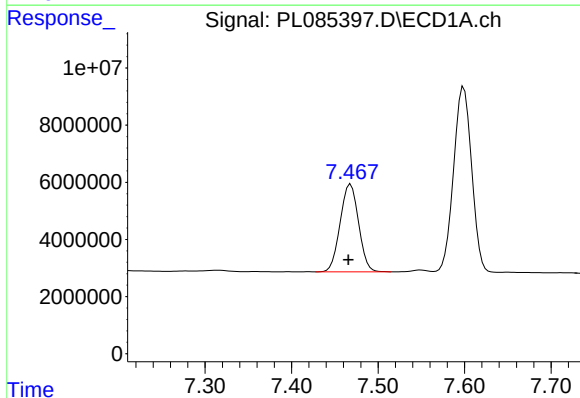
R.T.: 7.115 min  
Delta R.T.: 0.002 min  
Response: 89040516  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



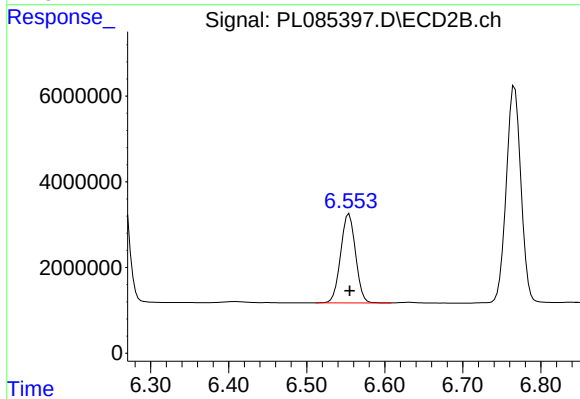
#19 Endosulfan Sulfate

R.T.: 6.262 min  
Delta R.T.: -0.001 min  
Response: 53305946  
Conc: 44.42 ng/ml



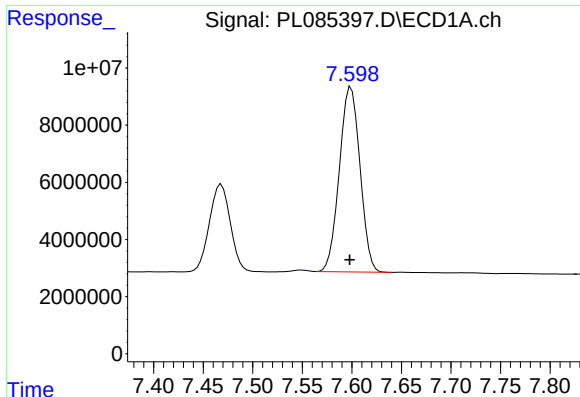
#20 Methoxychlor

R.T.: 7.468 min  
Delta R.T.: 0.003 min  
Response: 45084688  
Conc: 49.62 ng/ml



#20 Methoxychlor

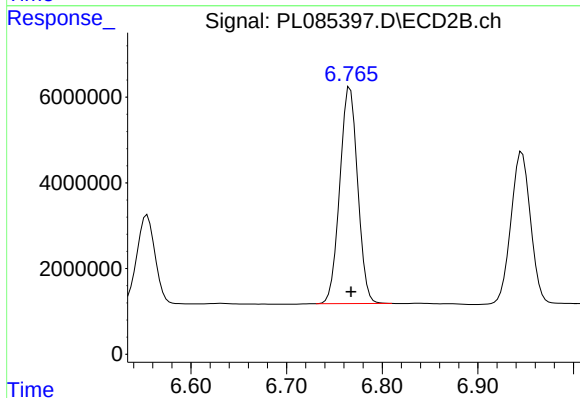
R.T.: 6.554 min  
Delta R.T.: 0.000 min  
Response: 27548850  
Conc: 40.95 ng/ml



#21 Endrin ketone

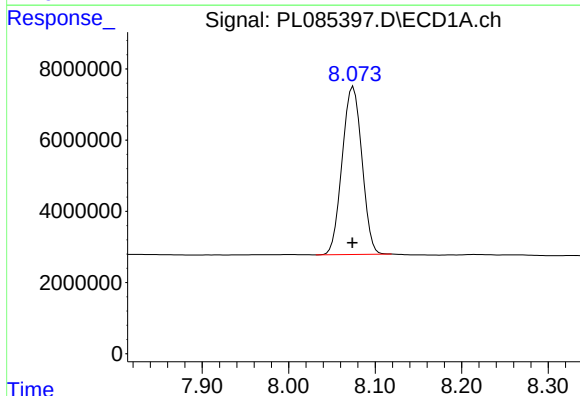
R.T.: 7.599 min  
Delta R.T.: 0.001 min  
Response: 93766392  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



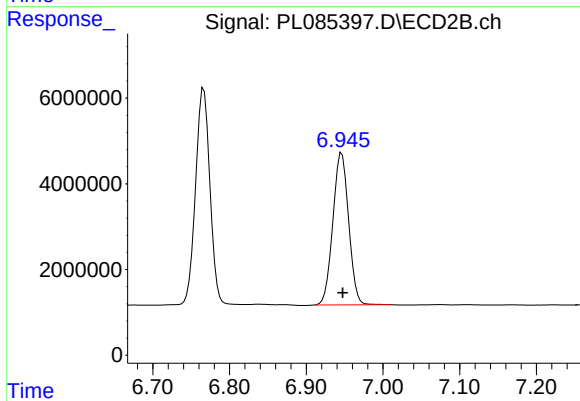
#21 Endrin ketone

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 65813824  
Conc: 44.62 ng/ml



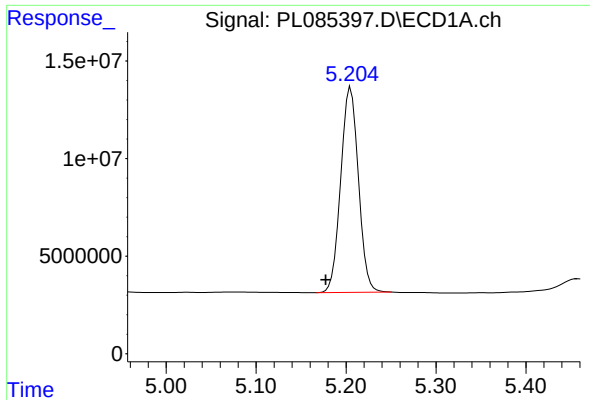
#22 Mirex

R.T.: 8.075 min  
Delta R.T.: 0.000 min  
Response: 74488673  
Conc: 44.73 ng/ml



#22 Mirex

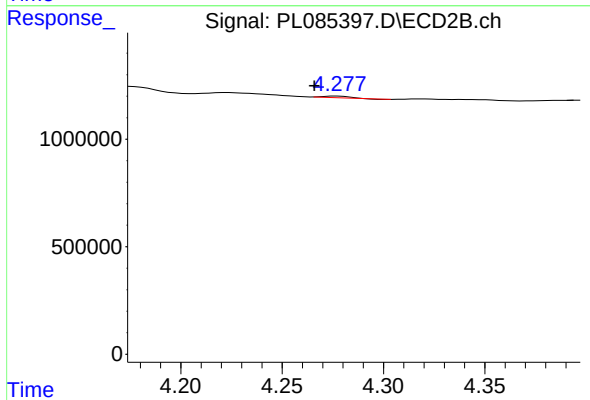
R.T.: 6.946 min  
Delta R.T.: -0.002 min  
Response: 50693352  
Conc: 42.81 ng/ml



#24 Chlordane-2

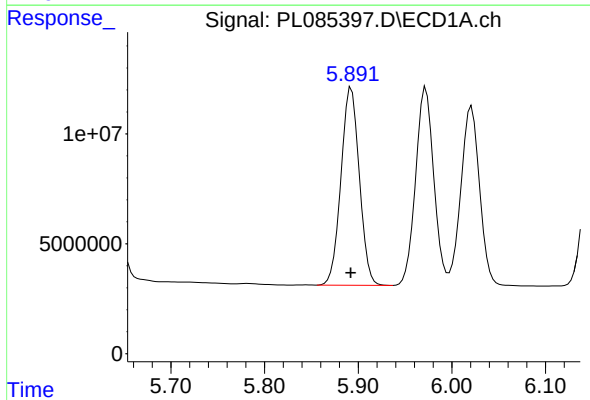
R.T.: 5.205 min  
Delta R.T.: 0.028 min  
Response: 143629837  
Conc: 1371.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



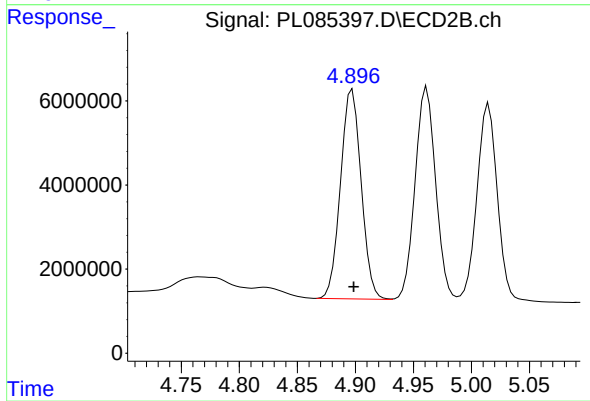
#24 Chlordane-2

R.T.: 4.277 min  
Delta R.T.: 0.011 min  
Response: 63177  
Conc: 1.31 ng/ml



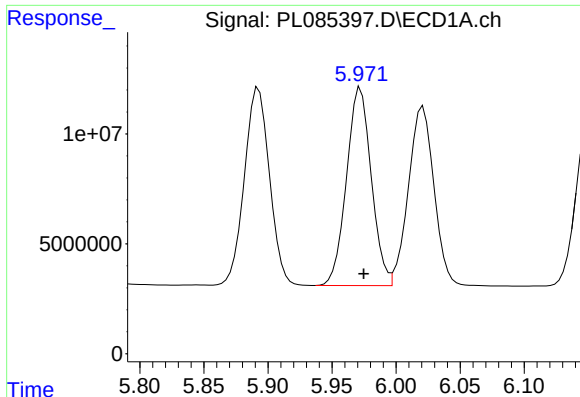
#25 Chlordane-3

R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 122816986  
Conc: 339.80 ng/ml



#25 Chlordane-3

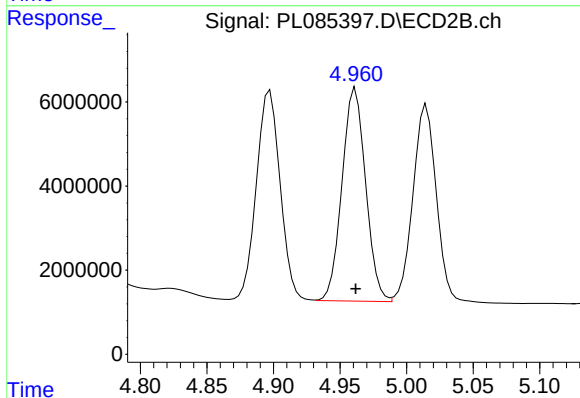
R.T.: 4.897 min  
Delta R.T.: -0.001 min  
Response: 61775108  
Conc: 460.05 ng/ml



#26 Chlordane-4

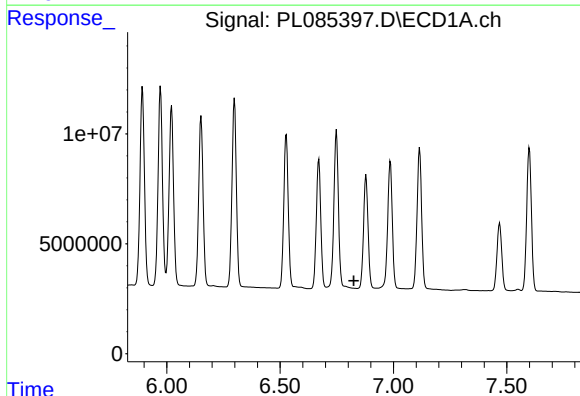
R.T.: 5.972 min  
Delta R.T.: -0.002 min  
Response: 121257184  
Conc: 279.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



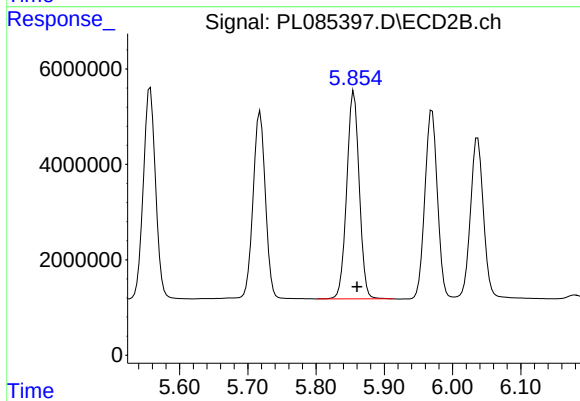
#26 Chlordane-4

R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 62618456  
Conc: 421.08 ng/ml



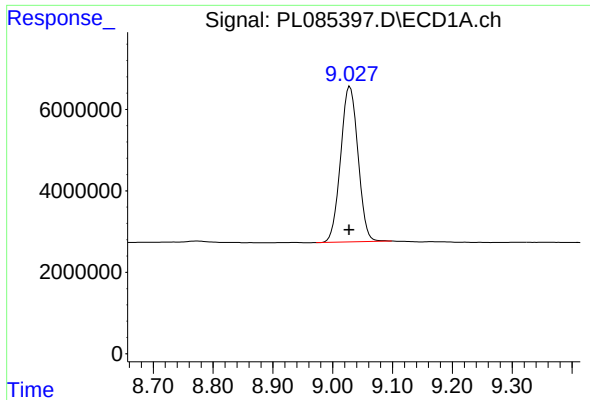
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.825 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

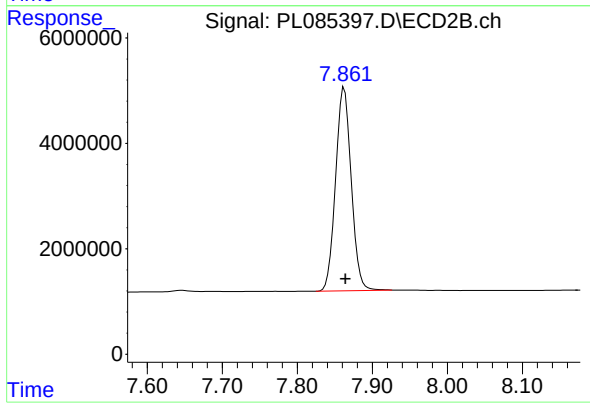
R.T.: 5.855 min  
Delta R.T.: -0.005 min  
Response: 55401849  
Conc: 1088.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min  
Delta R.T.: 0.002 min  
Response: 77046274  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.863 min  
Delta R.T.: -0.002 min  
Response: 56009961  
Conc: 42.08 ng/ml