

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031524\  
 Data File : PL088617.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2024 18:49  
 Operator : AR\AJ  
 Sample : PB159588BSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 20:26:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 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... | 3.634  | 2.852 | 53635680 | 26264537 | 20.240   | 19.707    |
| 28)                         | SA Decachlor... | 9.301  | 8.081 | 45998741 | 26299142 | 18.609   | 19.396    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.099  | 3.366 | 193.4E6  | 92802988 | 48.454   | 46.183    |
| 3)                          | MA gamma-BHC... | 4.437  | 3.703 | 184.0E6  | 87805783 | 47.435   | 45.753    |
| 4)                          | MA Heptachlor   | 5.037  | 4.051 | 184.5E6  | 85710847 | 48.589   | 47.624    |
| 5)                          | MB Aldrin       | 5.384  | 4.336 | 172.1E6  | 82254602 | 46.967   | 45.518    |
| 6)                          | B beta-BHC      | 4.634  | 4.005 | 83403404 | 39141166 | 47.029   | 45.659    |
| 7)                          | B delta-BHC     | 4.886  | 4.239 | 179.2E6  | 83208666 | 44.481   | 43.495    |
| 8)                          | B Heptachlo...  | 5.816  | 4.847 | 165.0E6  | 75849916 | 48.032   | 46.123    |
| 9)                          | A Endosulfan I  | 6.207  | 5.223 | 147.7E6  | 70289191 | 48.331   | 46.758    |
| 10)                         | B gamma-Chl...  | 6.075  | 5.101 | 167.8E6  | 78571040 | 50.375   | 47.437    |
| 11)                         | B alpha-Chl...  | 6.156  | 5.166 | 163.8E6  | 78195908 | 49.283   | 47.108    |
| 12)                         | B 4,4'-DDE      | 6.330  | 5.360 | 144.3E6  | 69386051 | 48.303   | 47.571    |
| 13)                         | MA Dieldrin     | 6.485  | 5.492 | 157.4E6  | 75976085 | 48.539   | 46.779    |
| 14)                         | MA Endrin       | 6.718  | 5.771 | 134.2E6  | 68994579 | 49.090   | 47.865    |
| 15)                         | B Endosulfa...  | 6.938  | 6.069 | 137.0E6  | 67158707 | 47.816   | 46.707    |
| 16)                         | A 4,4'-DDD      | 6.853  | 5.921 | 122.7E6  | 58737228 | 48.195   | 47.164    |
| 17)                         | MA 4,4'-DDT     | 7.172  | 6.177 | 131.1E6  | 62388308 | 49.191   | 46.482    |
| 18)                         | B Endrin al...  | 7.070  | 6.251 | 92912944 | 51655015 | 44.502   | 49.292    |
| 19)                         | B Endosulfa...  | 7.308  | 6.477 | 132.0E6  | 64847285 | 47.803   | 46.739    |
| 20)                         | A Methoxychlor  | 7.652  | 6.760 | 69904847 | 35947282 | 46.402   | 44.818    |
| 21)                         | B Endrin ke...  | 7.799  | 6.990 | 142.0E6  | 76492599 | 48.035   | 46.339    |
| 22)                         | Mirex           | 8.281  | 7.176 | 111.1E6  | 62315586 | 47.405   | 46.214    |
| 23)                         | Chlordane-1     | 0.000  | 3.889 | 0        | 371994   | N.D.     | 7.661 #   |
| 24)                         | Chlordane-2     | 5.384f | 4.475 | 172.1E6  | 368820   | 1309.146 | 6.075 #   |
| 25)                         | Chlordane-3     | 6.075  | 5.101 | 167.8E6  | 78571040 | 337.443  | 460.366 # |
| 26)                         | Chlordane-4     | 6.156  | 5.166 | 163.8E6  | 78195908 | 273.095  | 490.134 # |
| 27)                         | Chlordane-5     | 0.000  | 5.860 | 0        | 120441   | N.D.     | 2.375 #   |
| -----                       |                 |        |       |          |          |          |           |

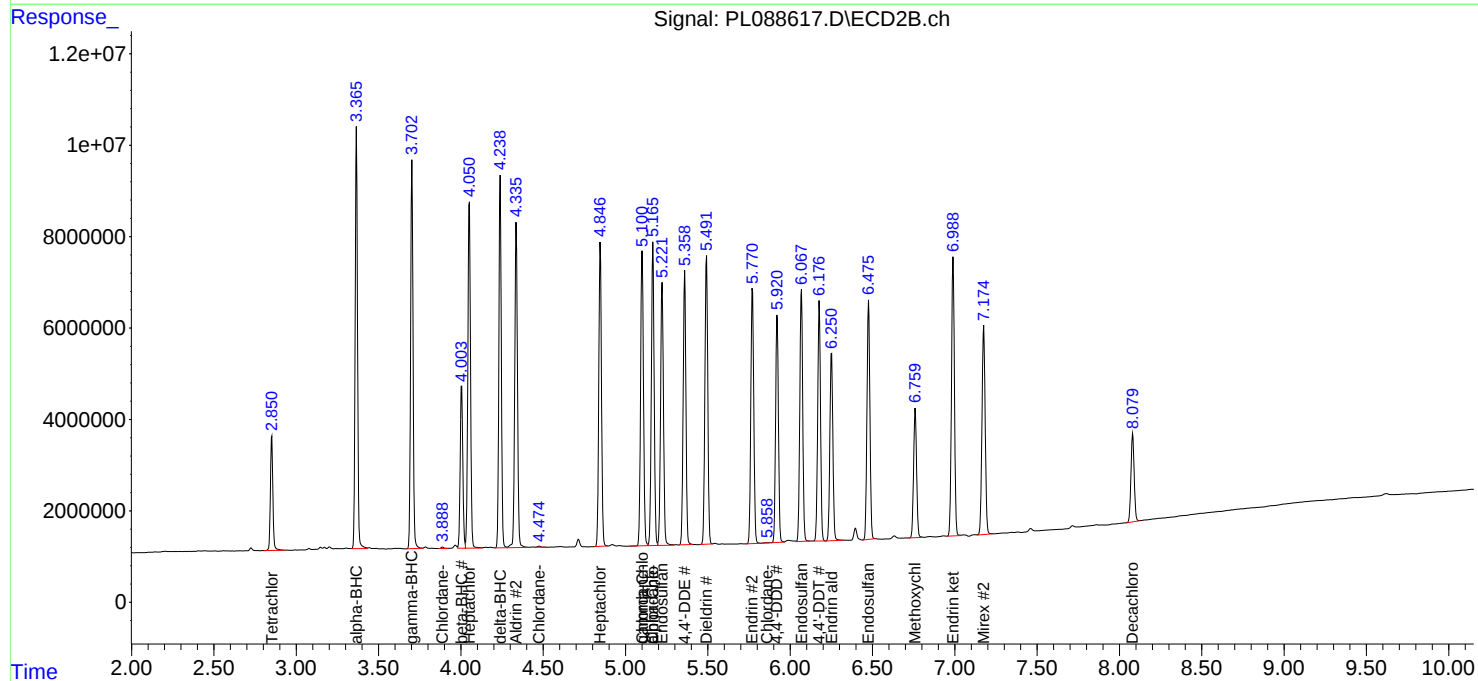
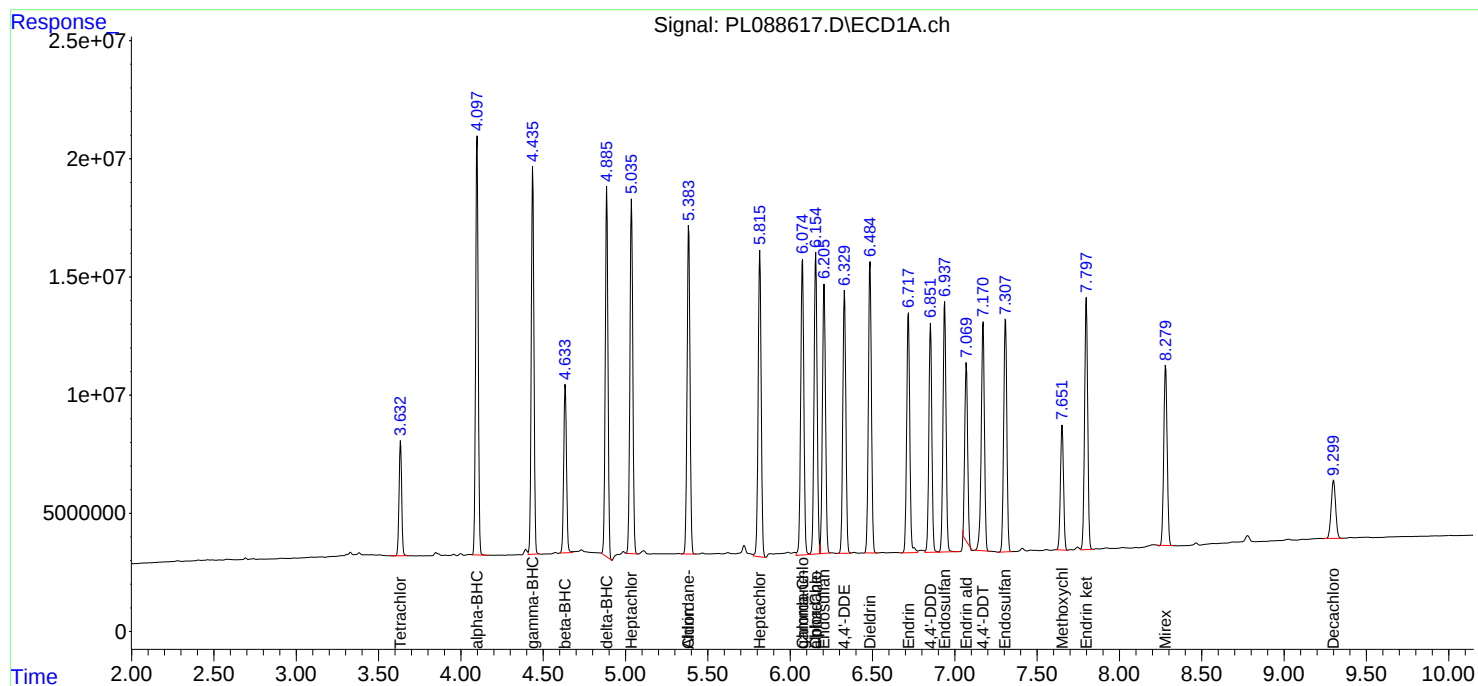
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

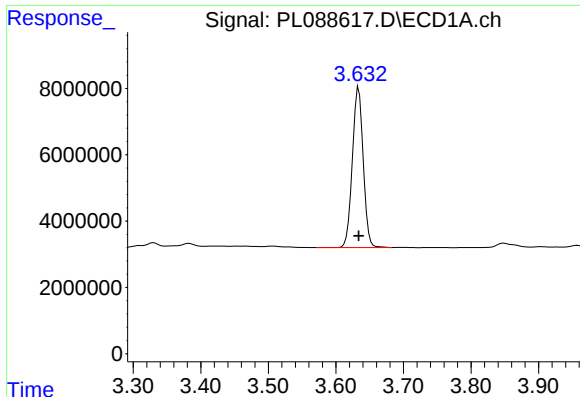
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031524\  
Data File : PL088617.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Mar 2024 18:49  
Operator : AR\AJ  
Sample : PB159588BSD  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 20:26:06 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 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

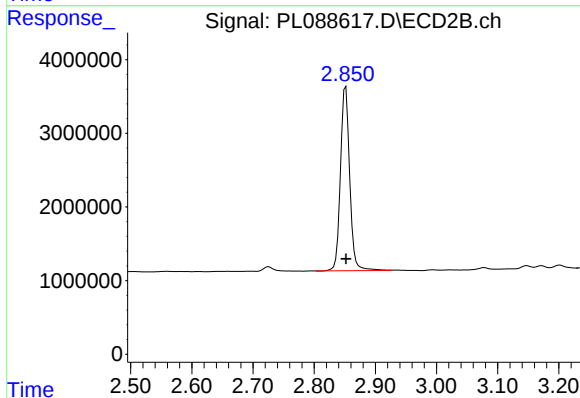




#1 Tetrachloro-m-xylene

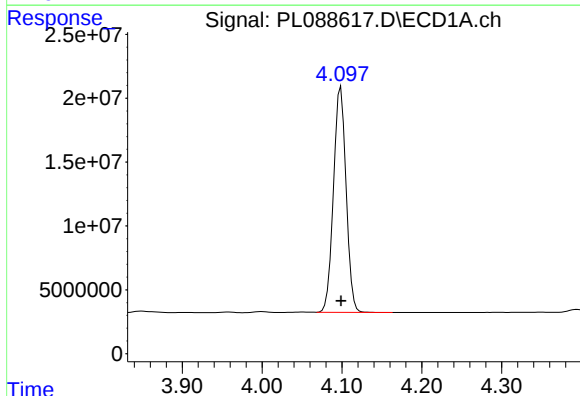
R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 53635680  
Conc: 20.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



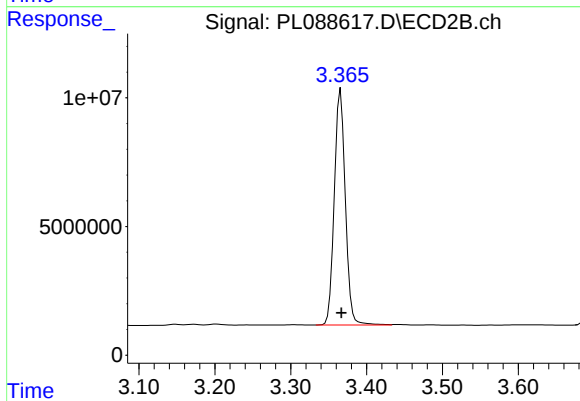
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 26264537  
Conc: 19.71 ng/ml



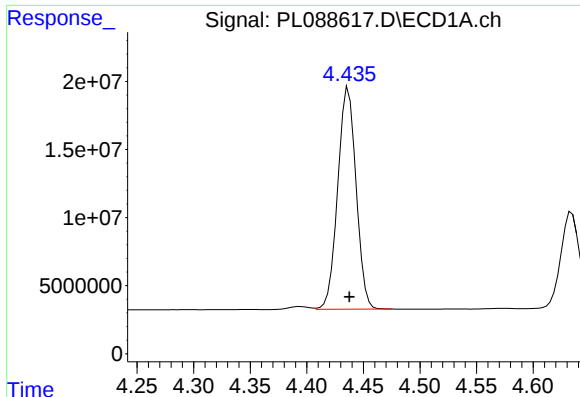
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 193414715  
Conc: 48.45 ng/ml



#2 alpha-BHC

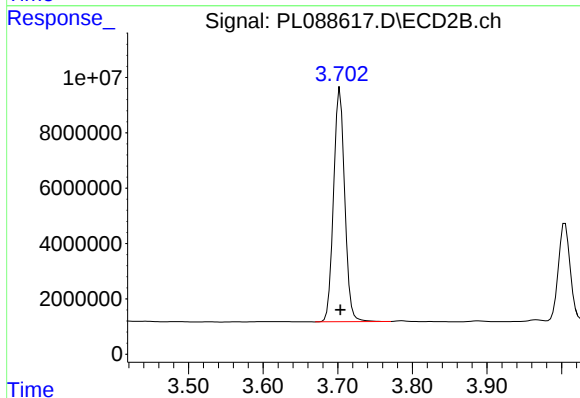
R.T.: 3.366 min  
Delta R.T.: -0.001 min  
Response: 92802988  
Conc: 46.18 ng/ml



#3 gamma-BHC (Lindane)

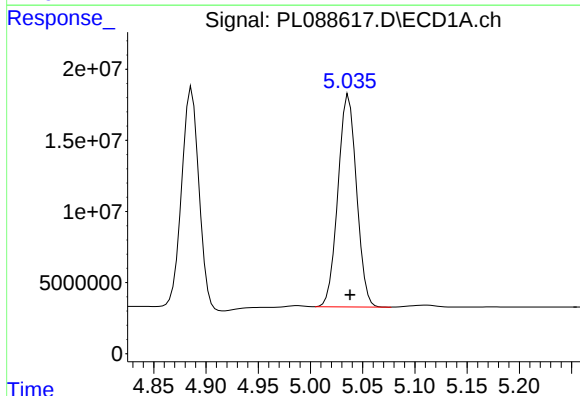
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 183963788  
Conc: 47.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



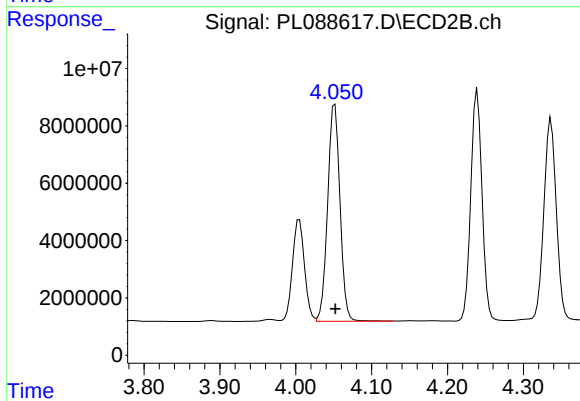
#3 gamma-BHC (Lindane)

R.T.: 3.703 min  
Delta R.T.: 0.000 min  
Response: 87805783  
Conc: 45.75 ng/ml



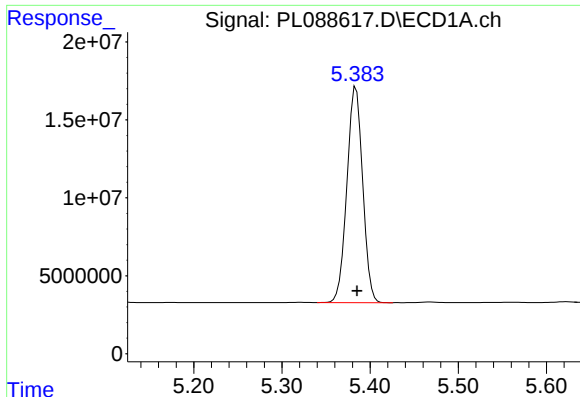
#4 Heptachlor

R.T.: 5.037 min  
Delta R.T.: -0.001 min  
Response: 184514584  
Conc: 48.59 ng/ml



#4 Heptachlor

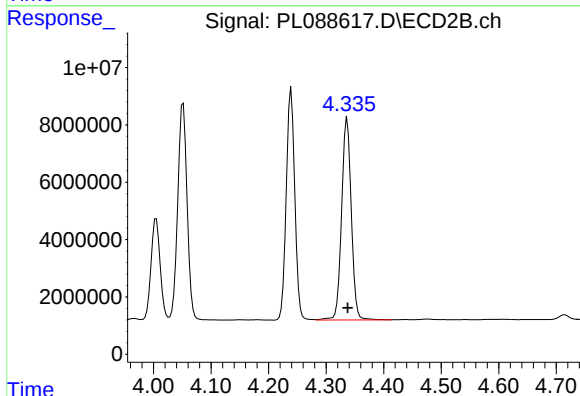
R.T.: 4.051 min  
Delta R.T.: 0.000 min  
Response: 85710847  
Conc: 47.62 ng/ml



#5 Aldrin

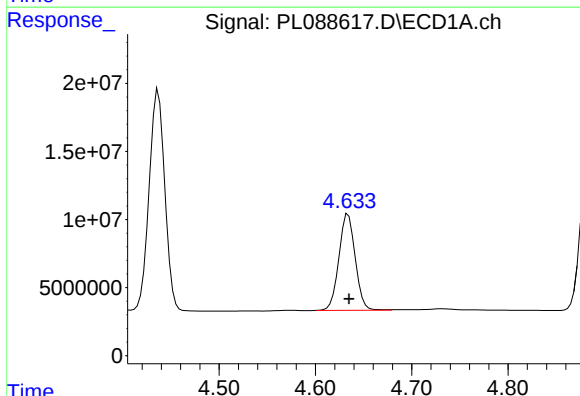
R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 172111320  
Conc: 46.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



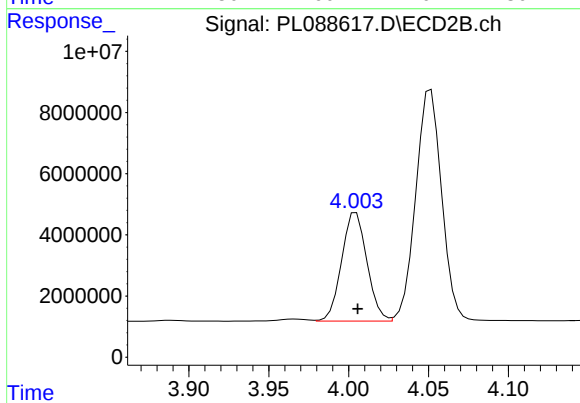
#5 Aldrin

R.T.: 4.336 min  
Delta R.T.: -0.001 min  
Response: 82254602  
Conc: 45.52 ng/ml



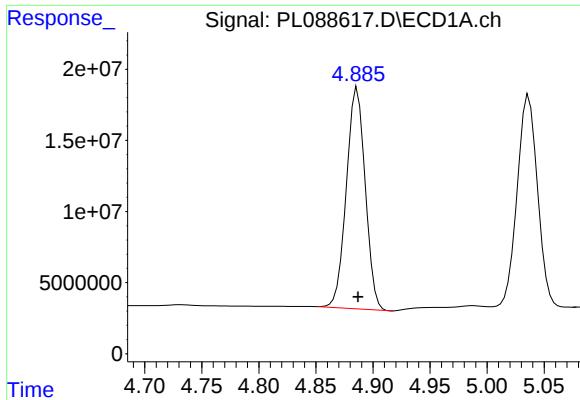
#6 beta-BHC

R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 83403404  
Conc: 47.03 ng/ml



#6 beta-BHC

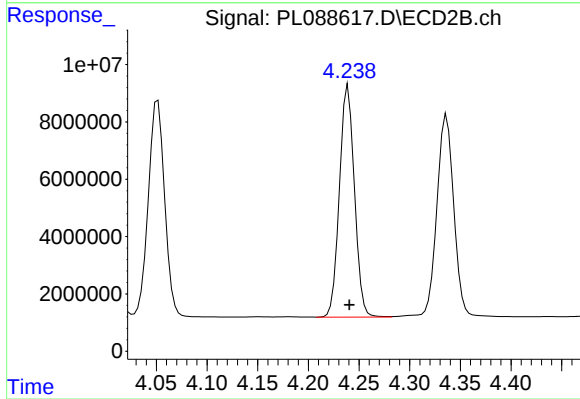
R.T.: 4.005 min  
Delta R.T.: -0.001 min  
Response: 39141166  
Conc: 45.66 ng/ml



#7 delta-BHC

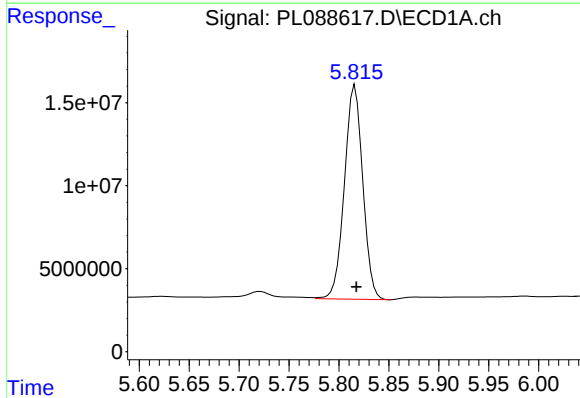
R.T.: 4.886 min  
Delta R.T.: 0.000 min  
Response: 179179003  
Conc: 44.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



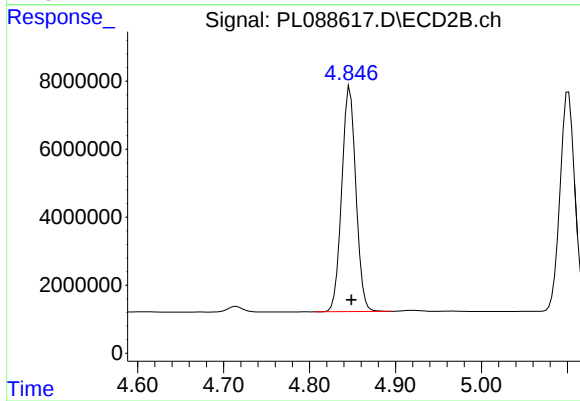
#7 delta-BHC

R.T.: 4.239 min  
Delta R.T.: -0.001 min  
Response: 83208666  
Conc: 43.49 ng/ml



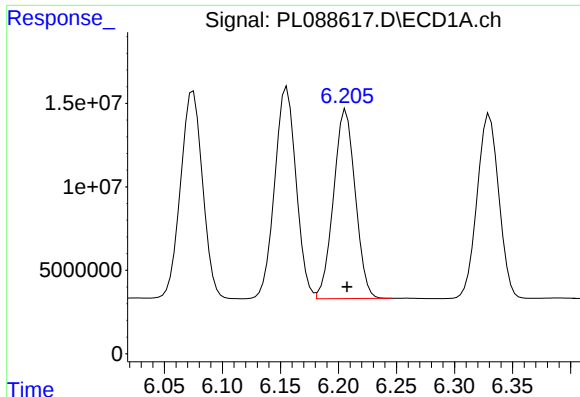
#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: -0.001 min  
Response: 164988519  
Conc: 48.03 ng/ml



#8 Heptachlor epoxide

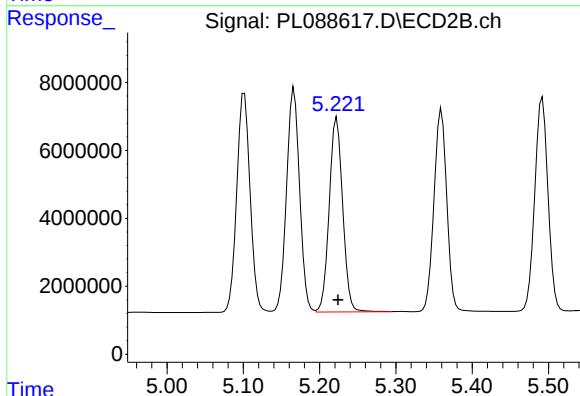
R.T.: 4.847 min  
Delta R.T.: -0.002 min  
Response: 75849916  
Conc: 46.12 ng/ml



#9 Endosulfan I

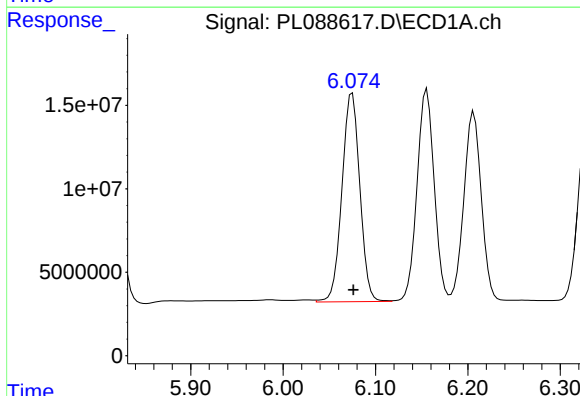
R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 147721460  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



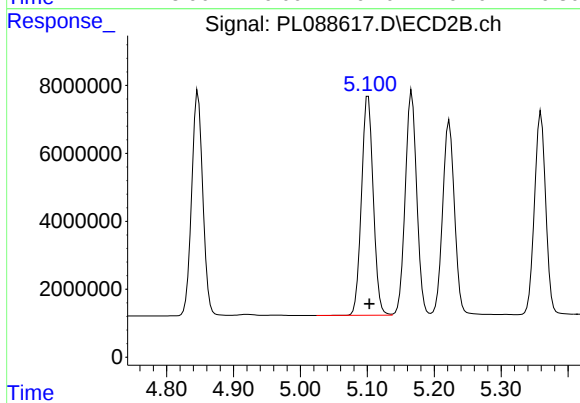
#9 Endosulfan I

R.T.: 5.223 min  
Delta R.T.: -0.002 min  
Response: 70289191  
Conc: 46.76 ng/ml



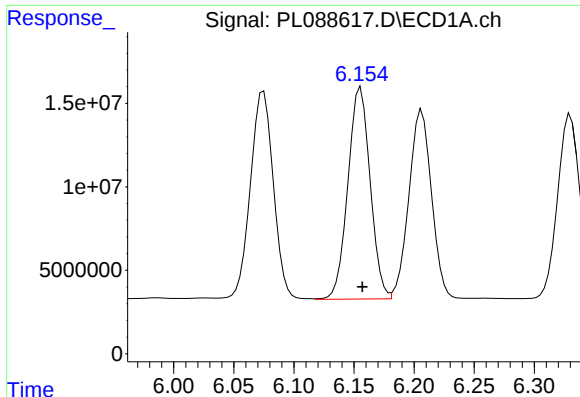
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 167788553  
Conc: 50.37 ng/ml



#10 gamma-Chlordane

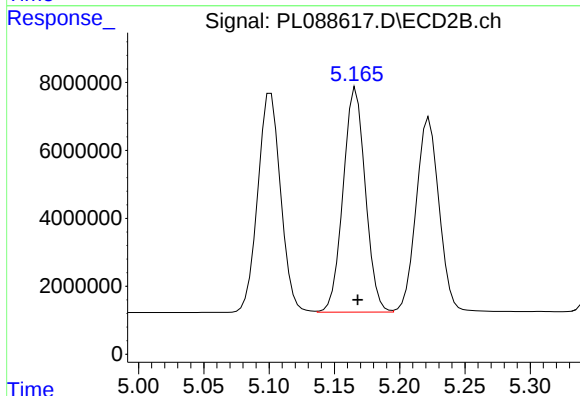
R.T.: 5.101 min  
Delta R.T.: -0.002 min  
Response: 78571040  
Conc: 47.44 ng/ml



#11 alpha-Chlordane

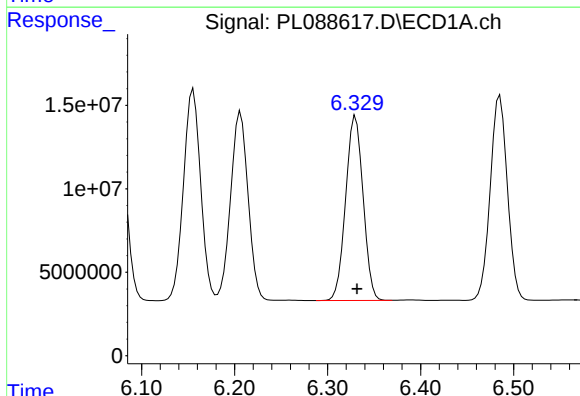
R.T.: 6.156 min  
Delta R.T.: -0.001 min  
Response: 163820411  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



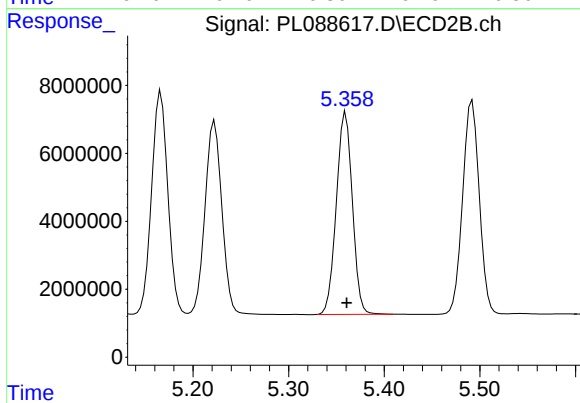
#11 alpha-Chlordane

R.T.: 5.166 min  
Delta R.T.: -0.001 min  
Response: 78195908  
Conc: 47.11 ng/ml



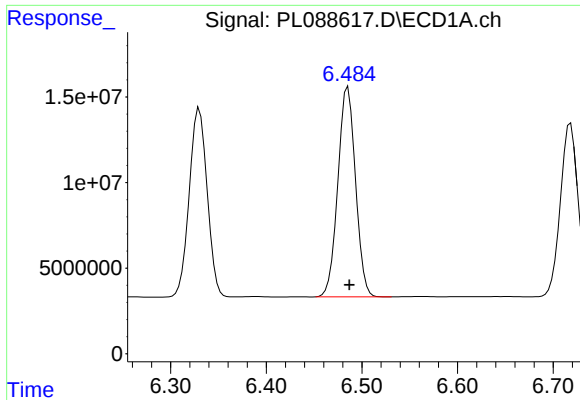
#12 4,4'-DDE

R.T.: 6.330 min  
Delta R.T.: -0.002 min  
Response: 144316111  
Conc: 48.30 ng/ml



#12 4,4'-DDE

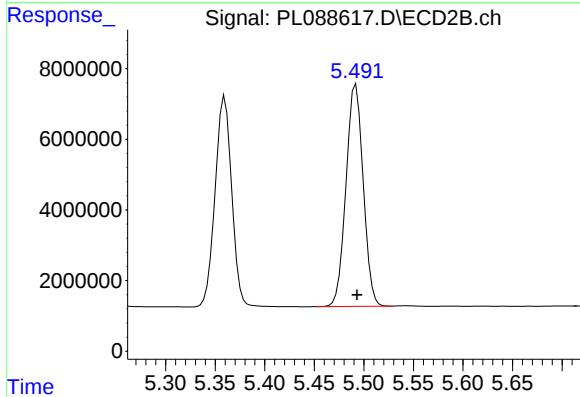
R.T.: 5.360 min  
Delta R.T.: -0.001 min  
Response: 69386051  
Conc: 47.57 ng/ml



#13 Dieldrin

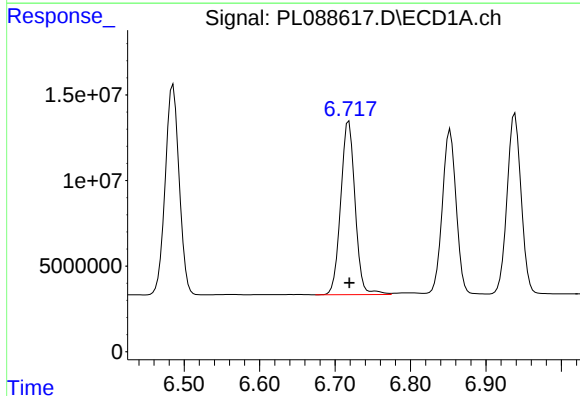
R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 157395796  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



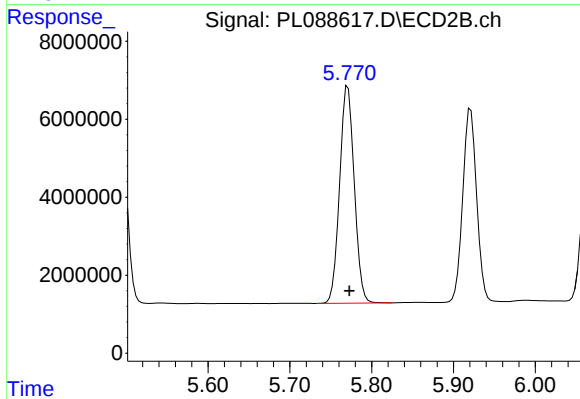
#13 Dieldrin

R.T.: 5.492 min  
Delta R.T.: -0.001 min  
Response: 75976085  
Conc: 46.78 ng/ml



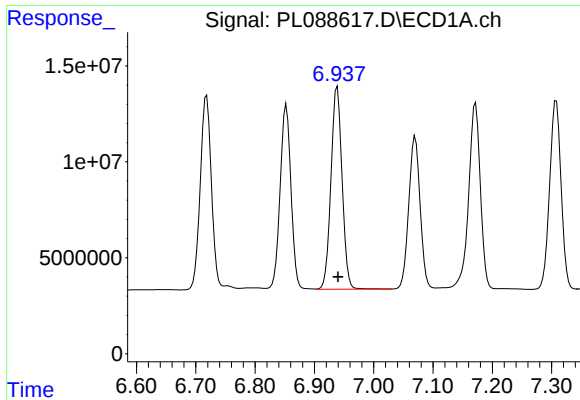
#14 Endrin

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 134199558  
Conc: 49.09 ng/ml



#14 Endrin

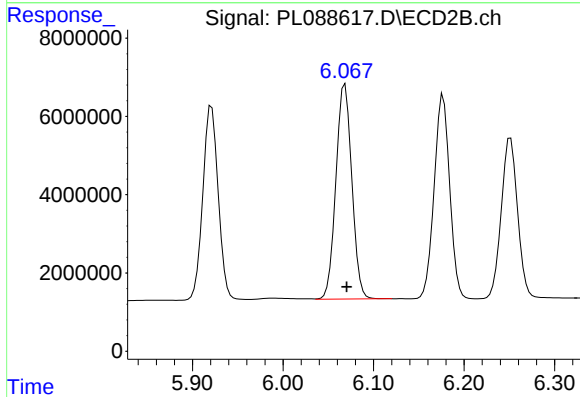
R.T.: 5.771 min  
Delta R.T.: -0.002 min  
Response: 68994579  
Conc: 47.87 ng/ml



#15 Endosulfan II

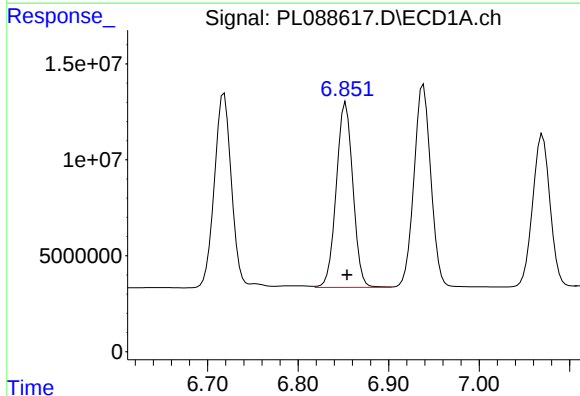
R.T.: 6.938 min  
Delta R.T.: -0.002 min  
Response: 136955575  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



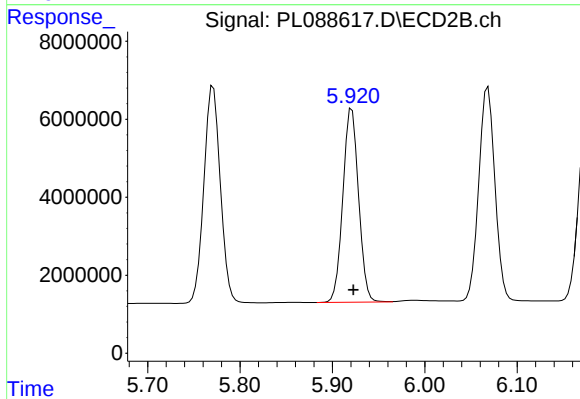
#15 Endosulfan II

R.T.: 6.069 min  
Delta R.T.: -0.002 min  
Response: 67158707  
Conc: 46.71 ng/ml



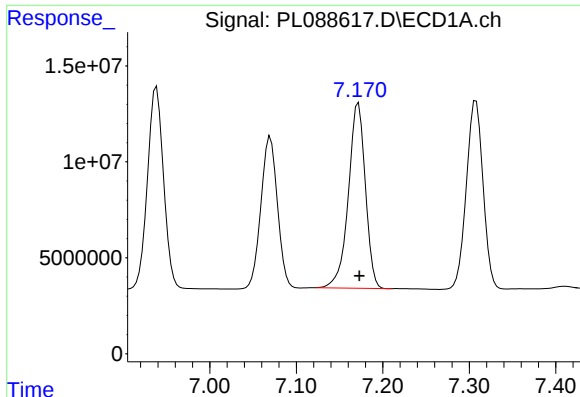
#16 4,4'-DDD

R.T.: 6.853 min  
Delta R.T.: -0.002 min  
Response: 122740430  
Conc: 48.19 ng/ml



#16 4,4'-DDD

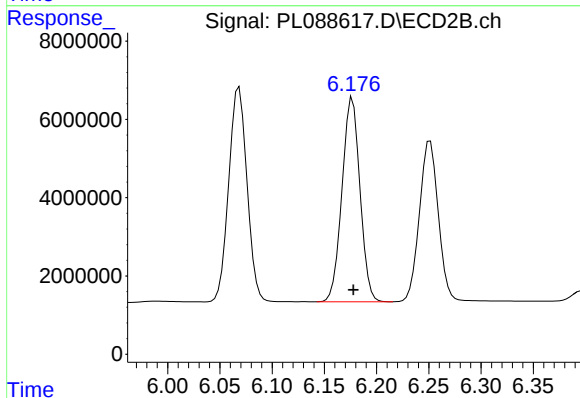
R.T.: 5.921 min  
Delta R.T.: -0.002 min  
Response: 58737228  
Conc: 47.16 ng/ml



#17 4,4'-DDT

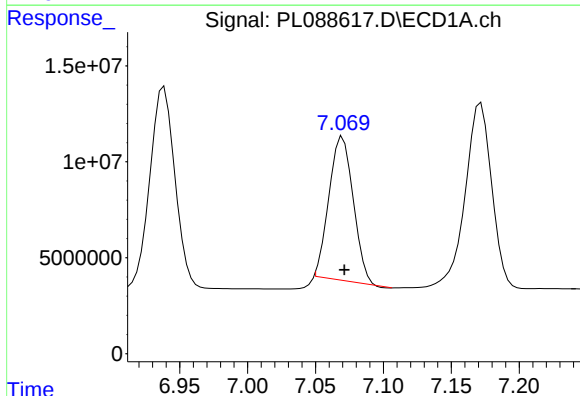
R.T.: 7.172 min  
Delta R.T.: -0.001 min  
Response: 131116776  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



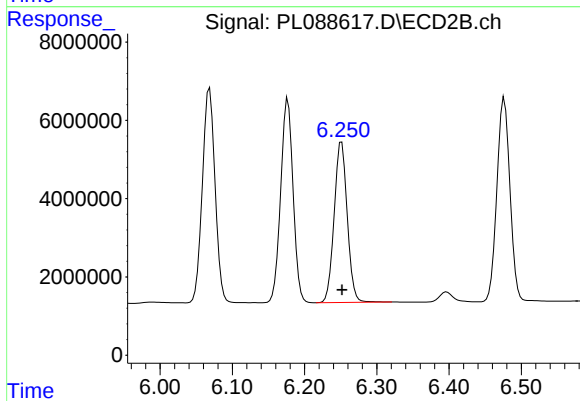
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: -0.001 min  
Response: 62388308  
Conc: 46.48 ng/ml



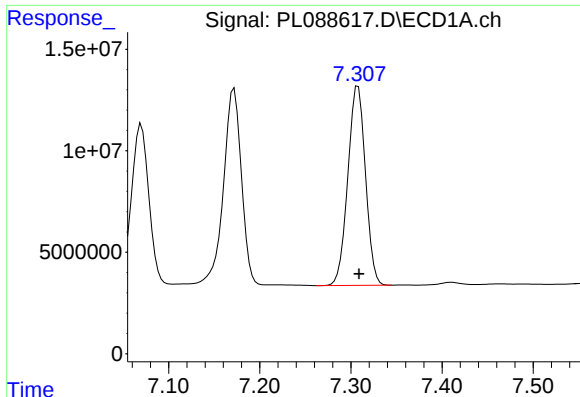
#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: -0.001 min  
Response: 92912944  
Conc: 44.50 ng/ml



#18 Endrin aldehyde

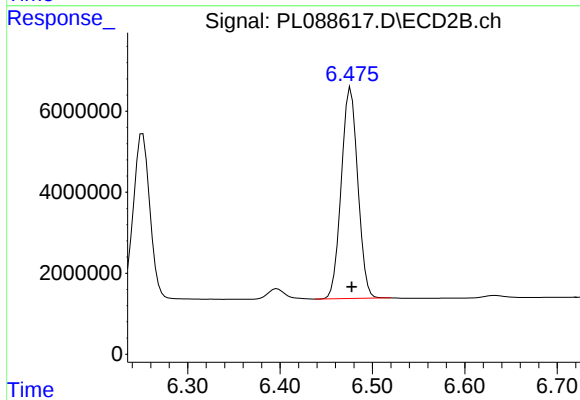
R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 51655015  
Conc: 49.29 ng/ml



#19 Endosulfan Sulfate

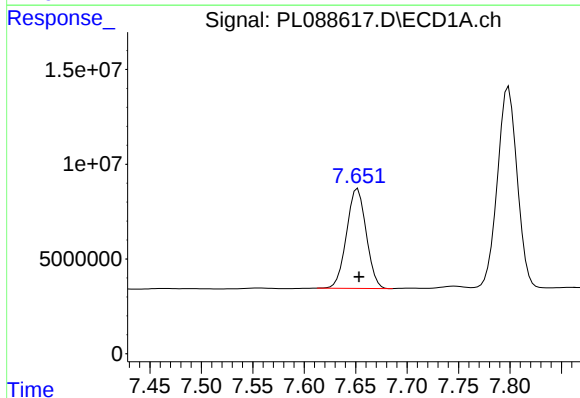
R.T.: 7.308 min  
Delta R.T.: -0.001 min  
Response: 131997860  
Conc: 47.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



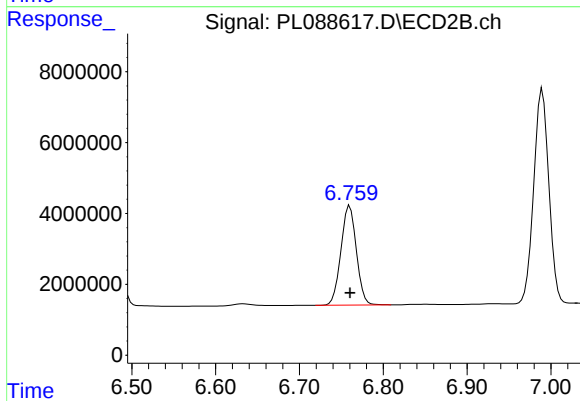
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: -0.001 min  
Response: 64847285  
Conc: 46.74 ng/ml



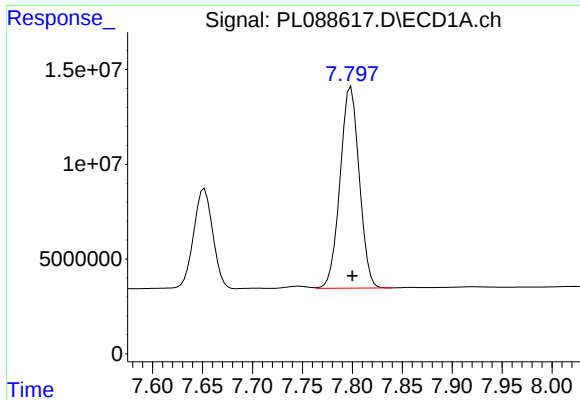
#20 Methoxychlor

R.T.: 7.652 min  
Delta R.T.: -0.001 min  
Response: 69904847  
Conc: 46.40 ng/ml



#20 Methoxychlor

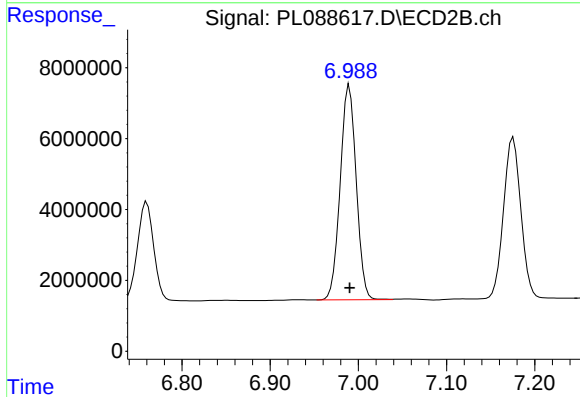
R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 35947282  
Conc: 44.82 ng/ml



#21 Endrin ketone

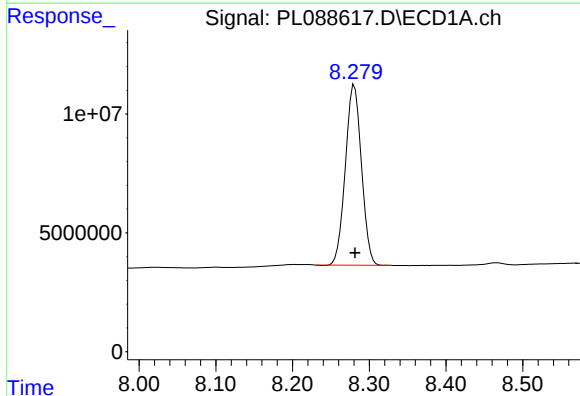
R.T.: 7.799 min  
Delta R.T.: -0.001 min  
Response: 142011783  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



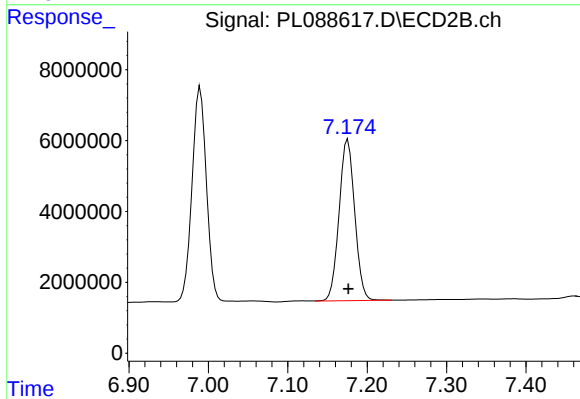
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: 0.000 min  
Response: 76492599  
Conc: 46.34 ng/ml



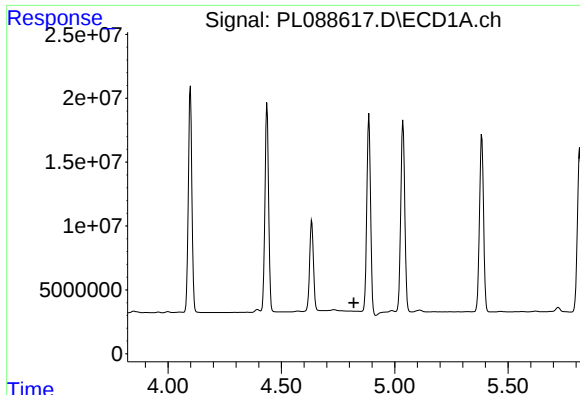
#22 Mirex

R.T.: 8.281 min  
Delta R.T.: -0.001 min  
Response: 111140119  
Conc: 47.40 ng/ml



#22 Mirex

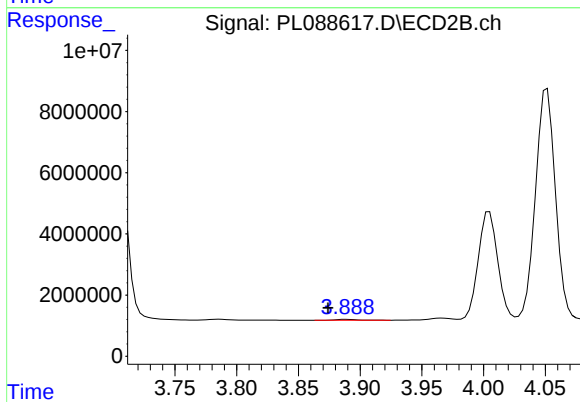
R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 62315586  
Conc: 46.21 ng/ml



#23 Chlordane-1

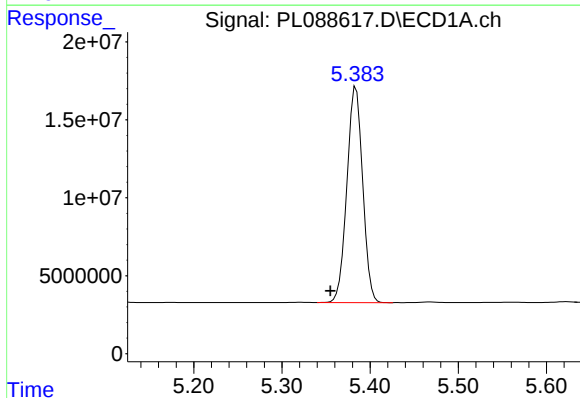
R.T.: 0.000 min  
Exp R.T.: 4.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



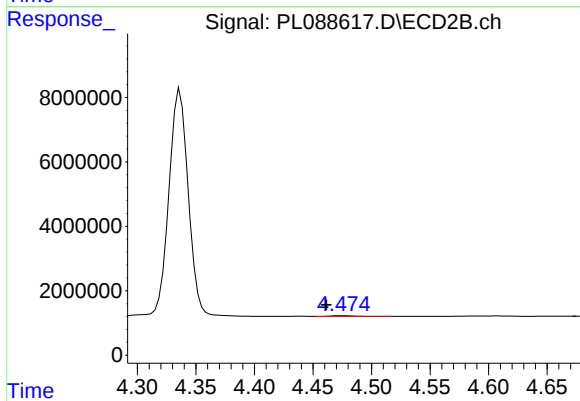
#23 Chlordane-1

R.T.: 3.889 min  
Delta R.T.: 0.015 min  
Response: 371994  
Conc: 7.66 ng/ml



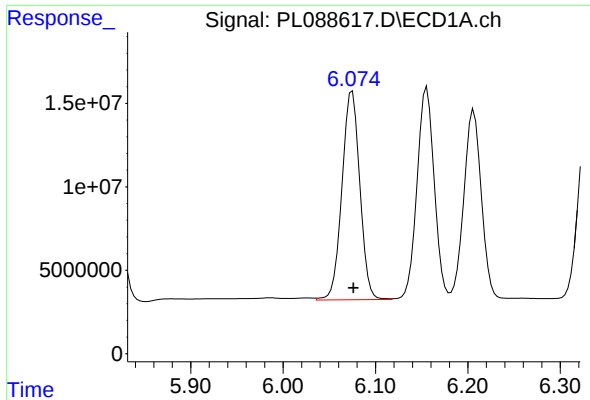
#24 Chlordane-2

R.T.: 5.384 min  
Delta R.T.: 0.029 min  
Response: 172111320  
Conc: 1309.15 ng/ml



#24 Chlordane-2

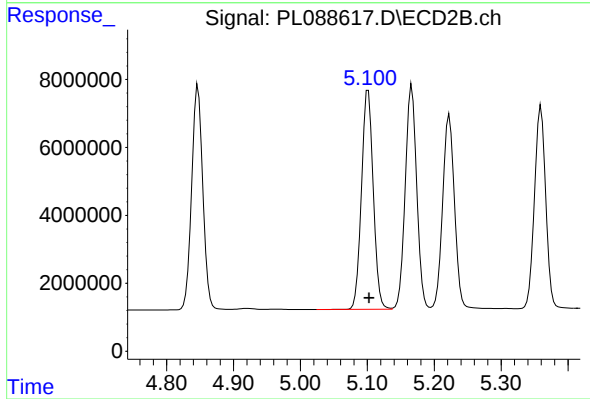
R.T.: 4.475 min  
Delta R.T.: 0.014 min  
Response: 368820  
Conc: 6.07 ng/ml



#25 Chlordane-3

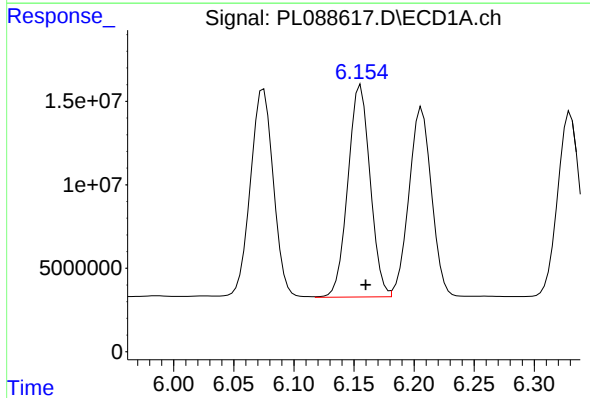
R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 167788553  
Conc: 337.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



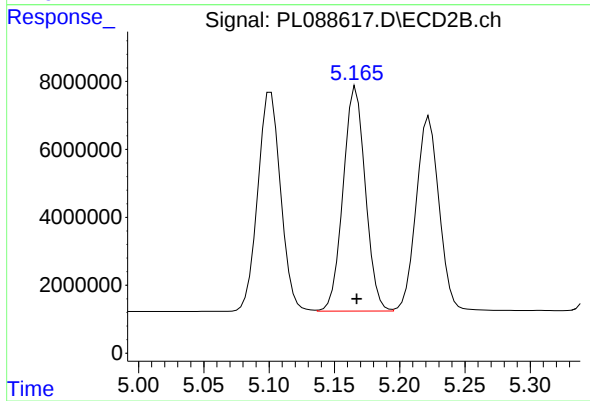
#25 Chlordane-3

R.T.: 5.101 min  
Delta R.T.: -0.001 min  
Response: 78571040  
Conc: 460.37 ng/ml



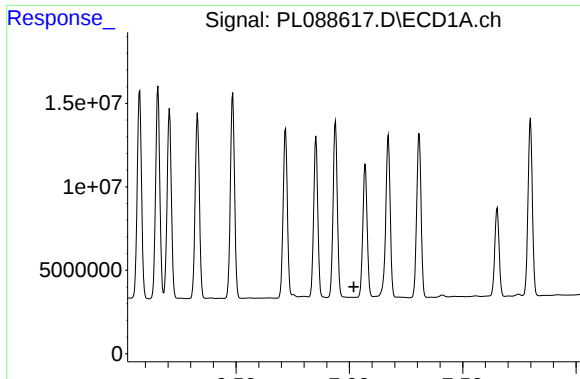
#26 Chlordane-4

R.T.: 6.156 min  
Delta R.T.: -0.004 min  
Response: 163820411  
Conc: 273.09 ng/ml



#26 Chlordane-4

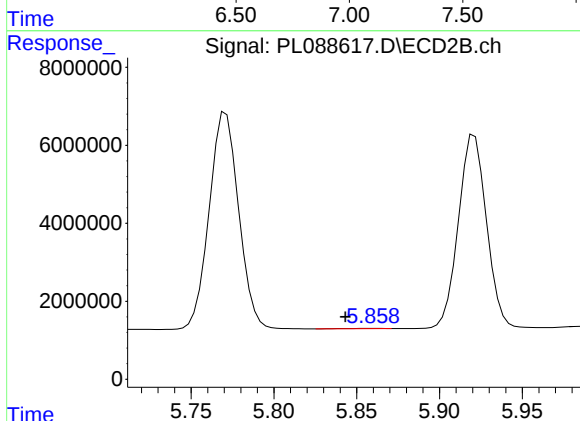
R.T.: 5.166 min  
Delta R.T.: 0.000 min  
Response: 78195908  
Conc: 490.13 ng/ml



#27 Chlordane-5

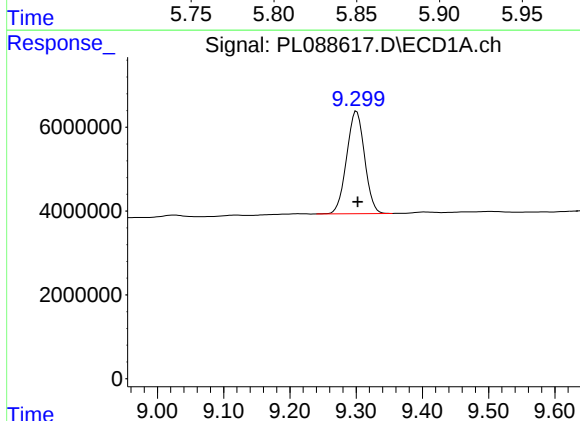
R.T.: 0.000 min  
Exp R.T.: 7.019 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



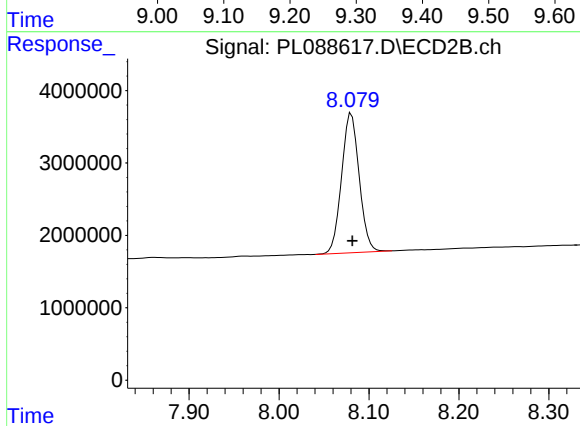
#27 Chlordane-5

R.T.: 5.860 min  
Delta R.T.: 0.017 min  
Response: 120441  
Conc: 2.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.301 min  
Delta R.T.: -0.002 min  
Response: 45998741  
Conc: 18.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min  
Delta R.T.: -0.001 min  
Response: 26299142  
Conc: 19.40 ng/ml