

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090722\  
 Data File : PL077565.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Sep 2022 20:06  
 Operator : AR\AJ  
 Sample : N4498-01MS 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CL-02-090222

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 08 04:46:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 14:34:08 2022  
 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... | 3.415  | 2.628  | 2529230  | 5780305  | 1.479   | 2.184 #   |
| 28)                         | SA Decachlor... | 8.907  | 7.723  | 3519914  | 6181322  | 2.347   | 3.134 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.880  | 3.120  | 13846158 | 23572921 | 5.395   | 5.886     |
| 3)                          | MA gamma-BHC... | 4.216  | 3.444  | 13823470 | 22935358 | 5.777   | 7.337 #   |
| 4)                          | MA Heptachlor   | 4.792  | 3.776  | 13166775 | 19251008 | 5.627   | 5.801     |
| 5)                          | MB Aldrin       | 5.132  | 4.050  | 14295883 | 26849434 | 6.444   | 8.483 #   |
| 6)                          | B beta-BHC      | 4.429  | 3.743  | 13352330 | 8867913  | 13.014  | 6.196 #   |
| 7)                          | B delta-BHC     | 4.672  | 3.966  | 12975575 | 31022025 | 6.891   | 8.731 #   |
| 8)                          | B Heptachlo...  | 5.565  | 4.549  | 10889754 | 20166935 | 6.807   | 7.375     |
| 9)                          | A Endosulfan I  | 5.951  | 4.917  | 10132654 | 12085186 | 5.770   | 4.683     |
| 10)                         | B gamma-Chl...  | 5.818  | 4.798  | 29681052 | 34328057 | 15.827  | 12.257    |
| 11)                         | B alpha-Chl...  | 5.898  | 4.861  | 17156301 | 29898967 | 9.096   | 11.103    |
| 12)                         | B 4,4'-DDE      | 6.074  | 5.055  | 7582599  | 20264038 | 4.329   | 7.466 #   |
| 13)                         | MA Dieldrin     | 6.228  | 5.176  | 9138780  | 22161053 | 4.997   | 8.089 #   |
| 14)                         | MA Endrin       | 6.460  | 5.450  | 7272011  | 18725359 | 4.803   | 9.084 #   |
| 15)                         | B Endosulfa...  | 6.688  | 5.746  | 9006417  | 17540811 | 5.556   | 7.458 #   |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.607  | 7661288  | 12538250 | 5.800   | 6.087     |
| 17)                         | MA 4,4'-DDT     | 6.912  | 5.855  | 8231731  | 14471681 | 5.192   | 6.779 #   |
| 18)                         | B Endrin al...  | 6.819  | 5.925  | 6108030  | 10673091 | 5.236   | 6.137     |
| 19)                         | B Endosulfa...  | 7.052  | 6.148  | 8017590  | 14755298 | 5.400   | 6.687     |
| 20)                         | A Methoxychlor  | 7.393  | 6.434  | 3827955  | 9916128  | 4.826   | 8.439 #   |
| 21)                         | B Endrin ke...  | 7.540  | 6.647  | 6836215  | 14798510 | 4.428   | 6.101 #   |
| 22)                         | Mirex           | 8.000  | 6.823  | 4467153  | 11304352 | 3.674   | 6.457 #   |
| 23)                         | Chlordane-1     | 4.580  | 3.604  | 353778   | 10495759 | 5.471   | 125.482 # |
| 24)                         | Chlordane-2     | 5.132f | 4.203f | 14295883 | 6447566  | 188.648 | 65.466 #  |
| 25)                         | Chlordane-3     | 5.818  | 4.798  | 29681052 | 34328057 | 109.539 | 120.182   |
| 26)                         | Chlordane-4     | 5.898  | 4.861  | 17156301 | 29898967 | 51.291  | 100.864 # |
| 27)                         | Chlordane-5     | 6.779f | 5.544f | 201697   | 583045   | 3.349   | 8.404 #   |
| -----                       |                 |        |        |          |          |         |           |

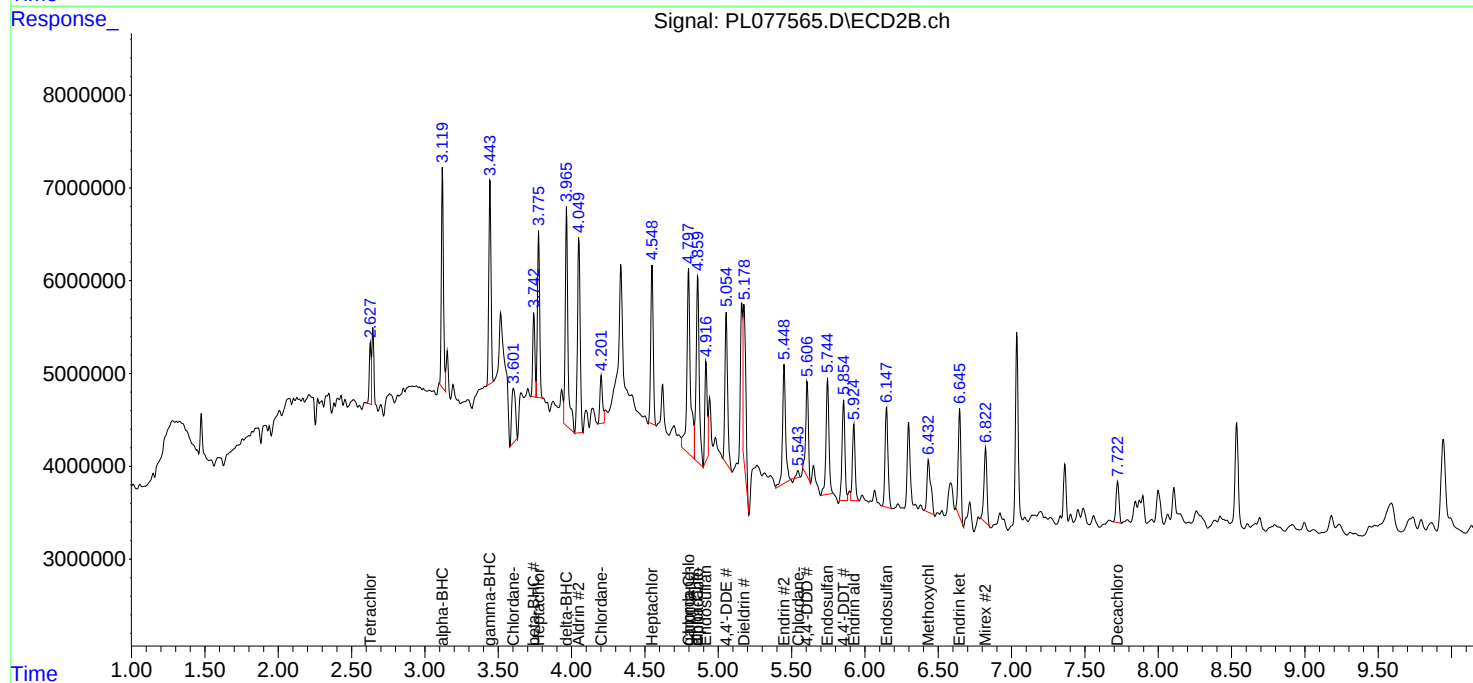
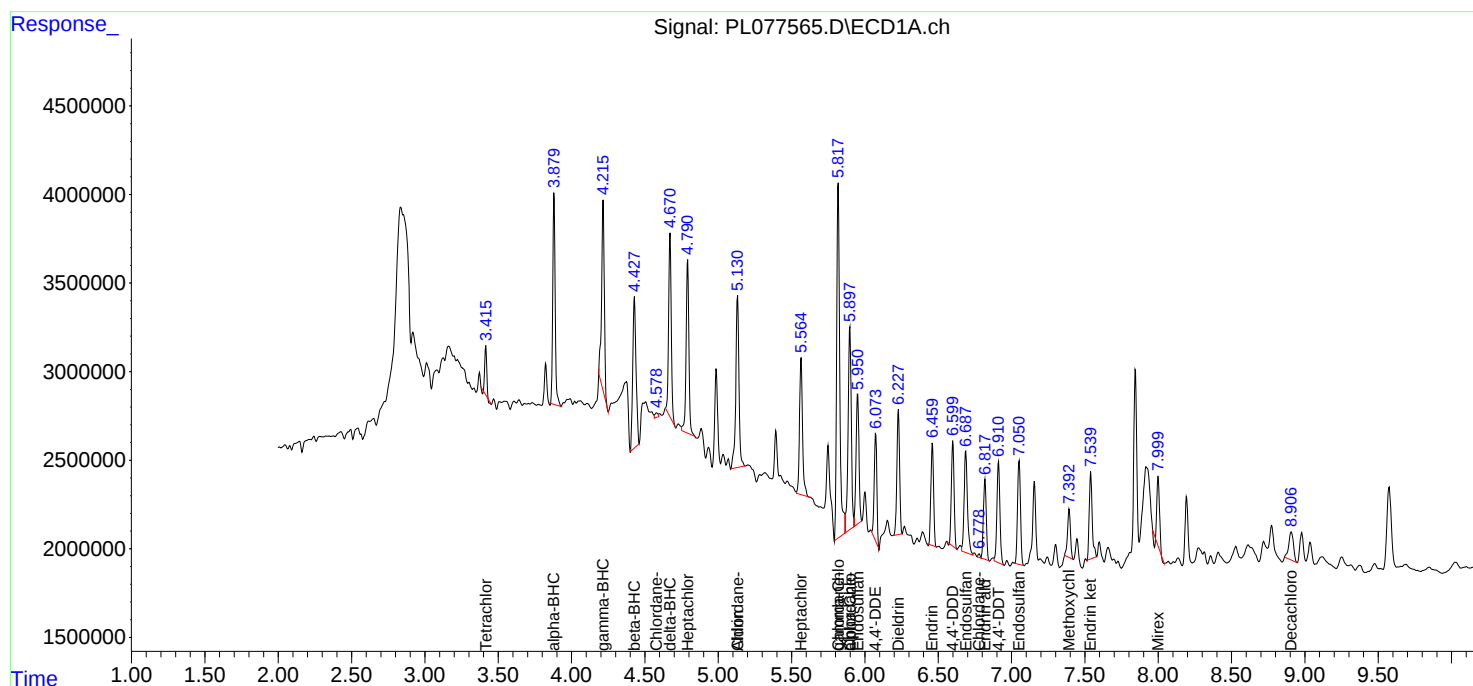
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

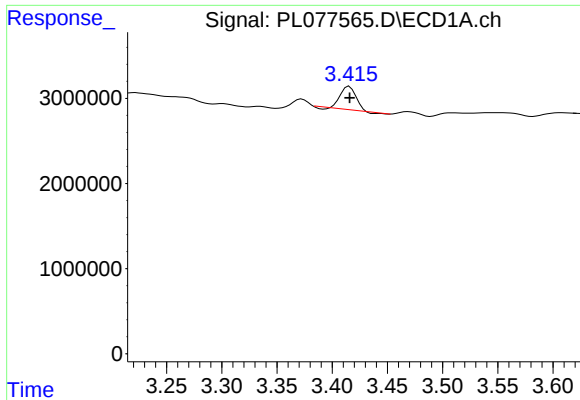
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090722\  
Data File : PL077565.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Sep 2022 20:06  
Operator : AR\AJ  
Sample : N4498-01MS 10X  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 08 04:46:37 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 07 14:34:08 2022  
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

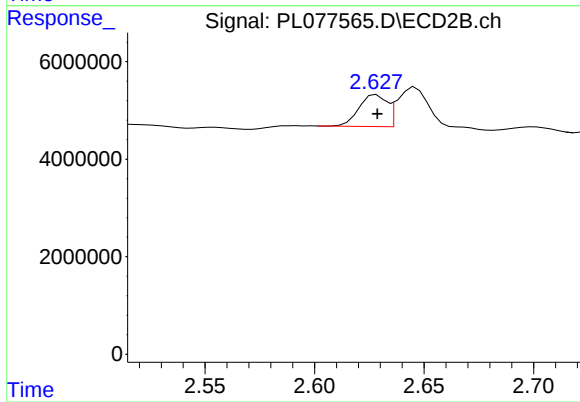




#1 Tetrachloro-m-xylene

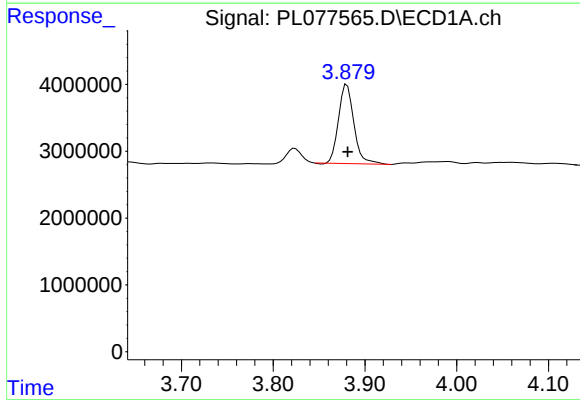
R.T.: 3.415 min  
Delta R.T.: 0.000 min  
Response: 2529230  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



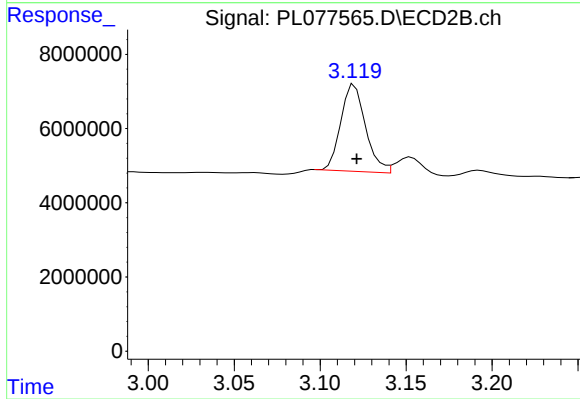
#1 Tetrachloro-m-xylene

R.T.: 2.628 min  
Delta R.T.: 0.000 min  
Response: 5780305  
Conc: 2.18 ng/ml



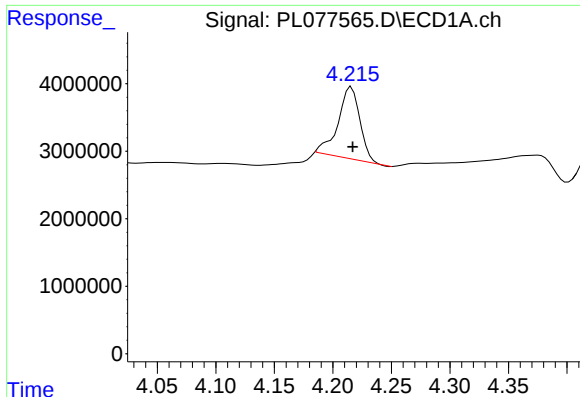
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: 0.000 min  
Response: 13846158  
Conc: 5.40 ng/ml



#2 alpha-BHC

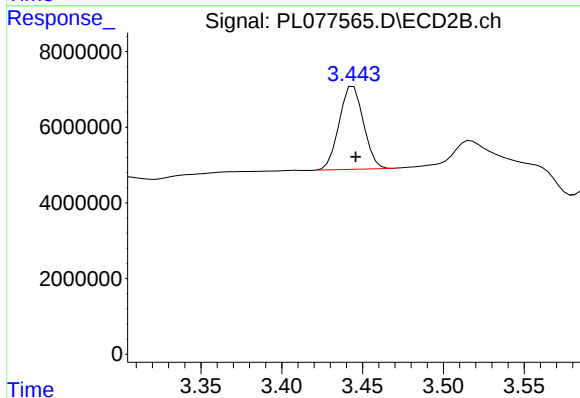
R.T.: 3.120 min  
Delta R.T.: -0.001 min  
Response: 23572921  
Conc: 5.89 ng/ml



#3 gamma-BHC (Lindane)

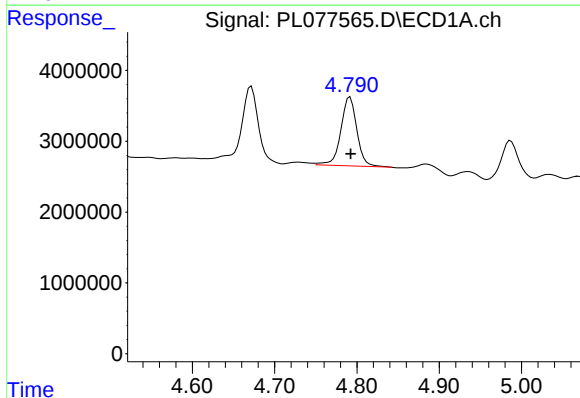
R.T.: 4.216 min  
Delta R.T.: -0.001 min  
Response: 13823470  
Conc: 5.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



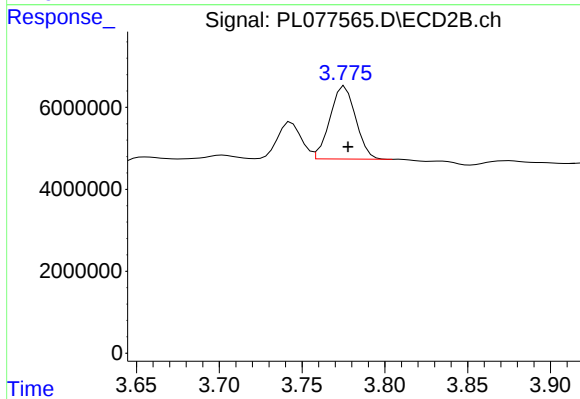
#3 gamma-BHC (Lindane)

R.T.: 3.444 min  
Delta R.T.: -0.002 min  
Response: 22935358  
Conc: 7.34 ng/ml



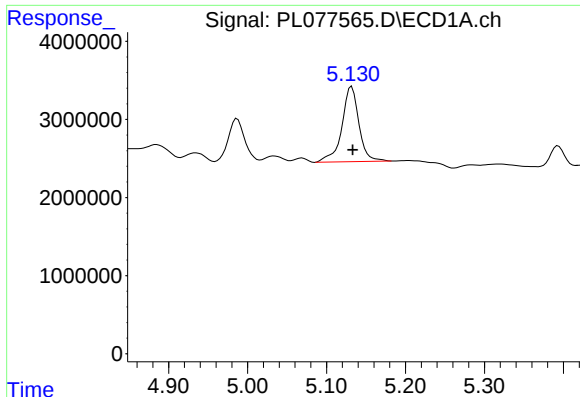
#4 Heptachlor

R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 13166775  
Conc: 5.63 ng/ml



#4 Heptachlor

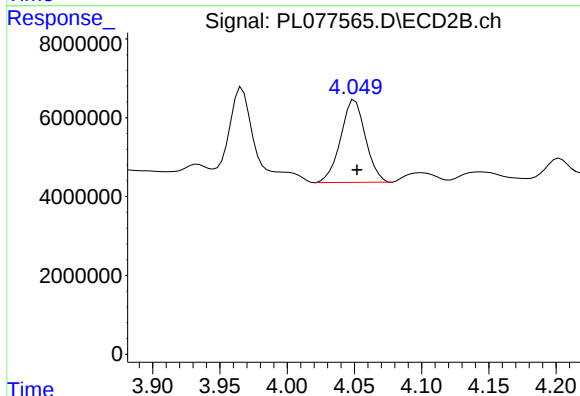
R.T.: 3.776 min  
Delta R.T.: -0.002 min  
Response: 19251008  
Conc: 5.80 ng/ml



#5 Aldrin

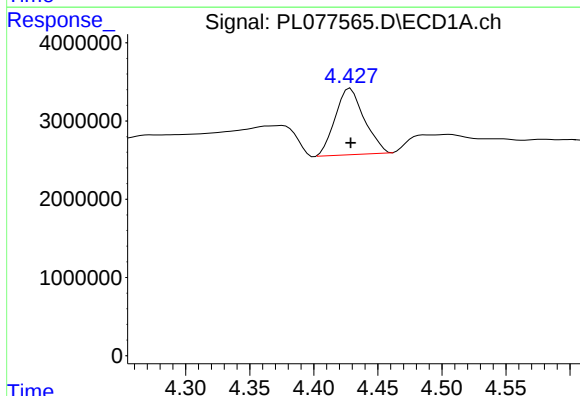
R.T.: 5.132 min  
Delta R.T.: -0.001 min  
Response: 14295883  
Conc: 6.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



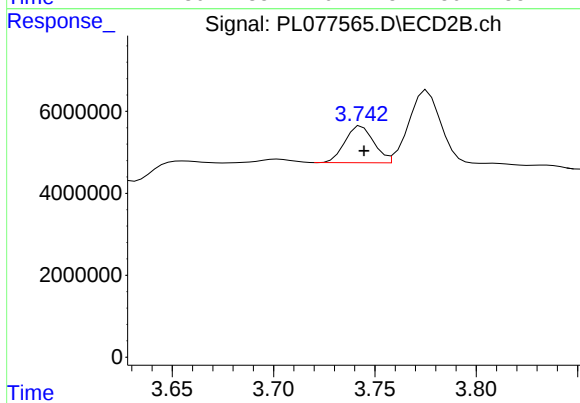
#5 Aldrin

R.T.: 4.050 min  
Delta R.T.: -0.002 min  
Response: 26849434  
Conc: 8.48 ng/ml



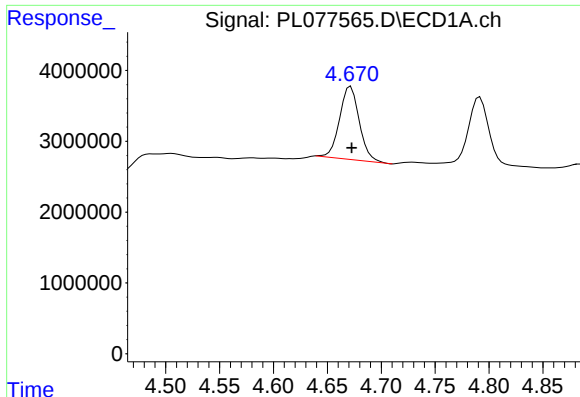
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 13352330  
Conc: 13.01 ng/ml



#6 beta-BHC

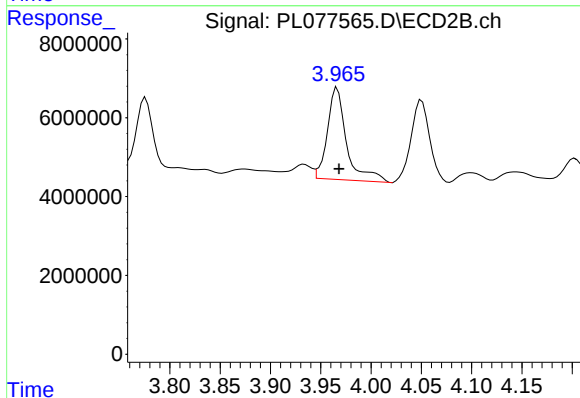
R.T.: 3.743 min  
Delta R.T.: -0.001 min  
Response: 8867913  
Conc: 6.20 ng/ml



#7 delta-BHC

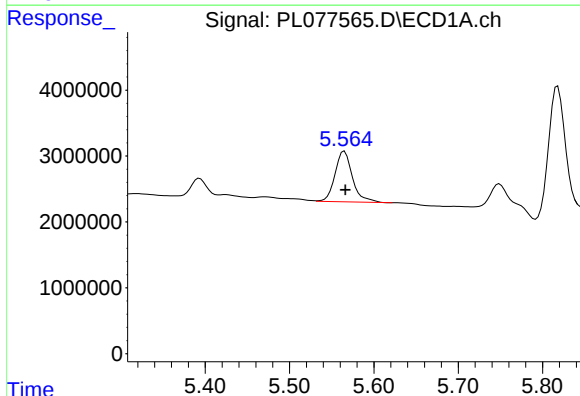
R.T.: 4.672 min  
Delta R.T.: 0.000 min  
Response: 12975575  
Conc: 6.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



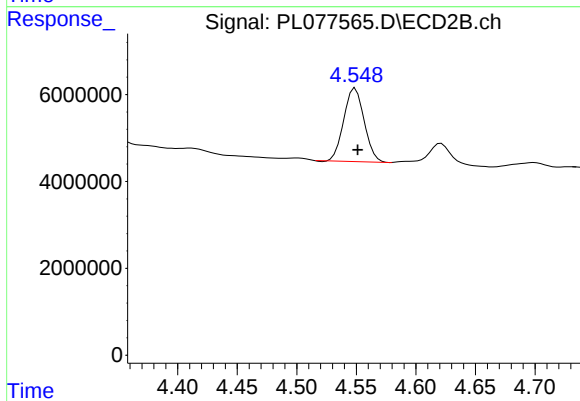
#7 delta-BHC

R.T.: 3.966 min  
Delta R.T.: -0.002 min  
Response: 31022025  
Conc: 8.73 ng/ml



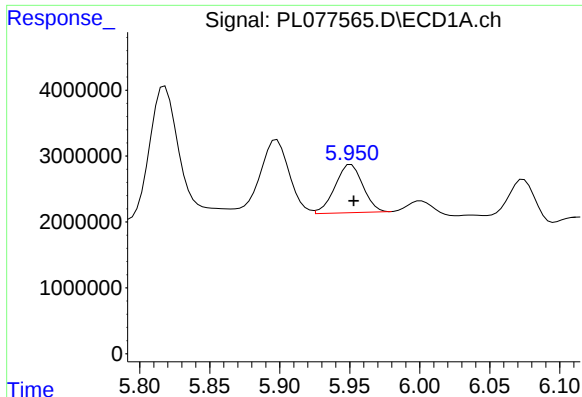
#8 Heptachlor epoxide

R.T.: 5.565 min  
Delta R.T.: -0.001 min  
Response: 10889754  
Conc: 6.81 ng/ml



#8 Heptachlor epoxide

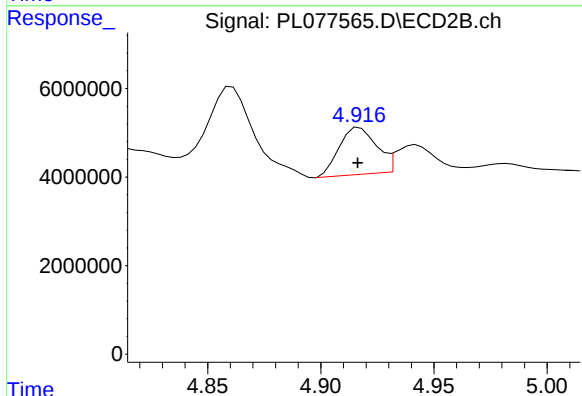
R.T.: 4.549 min  
Delta R.T.: -0.002 min  
Response: 20166935  
Conc: 7.38 ng/ml



#9 Endosulfan I

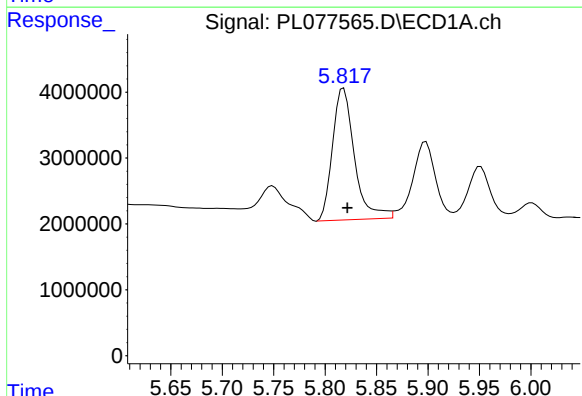
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 10132654  
Conc: 5.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



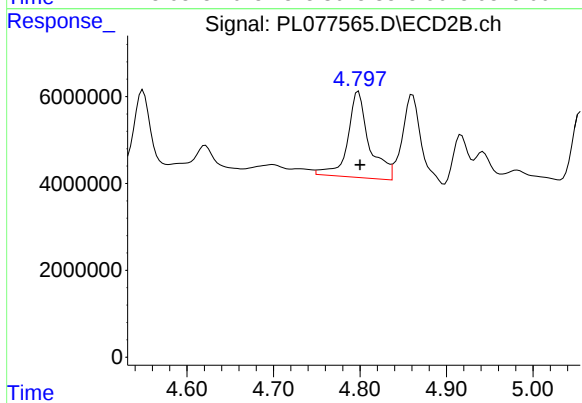
#9 Endosulfan I

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 12085186  
Conc: 4.68 ng/ml



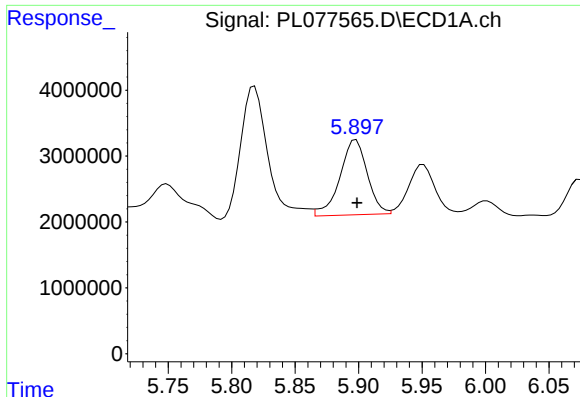
#10 gamma-Chlordane

R.T.: 5.818 min  
Delta R.T.: -0.004 min  
Response: 29681052  
Conc: 15.83 ng/ml



#10 gamma-Chlordane

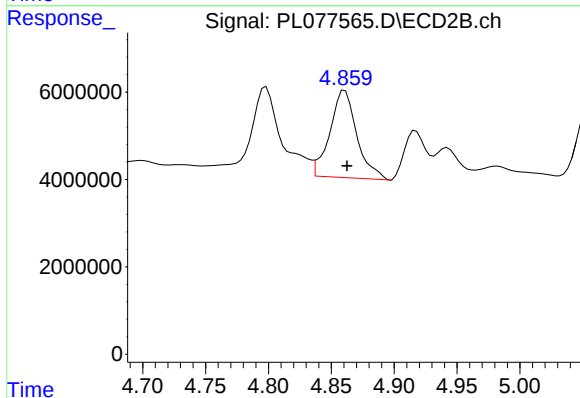
R.T.: 4.798 min  
Delta R.T.: -0.002 min  
Response: 34328057  
Conc: 12.26 ng/ml



#11 alpha-Chlordane

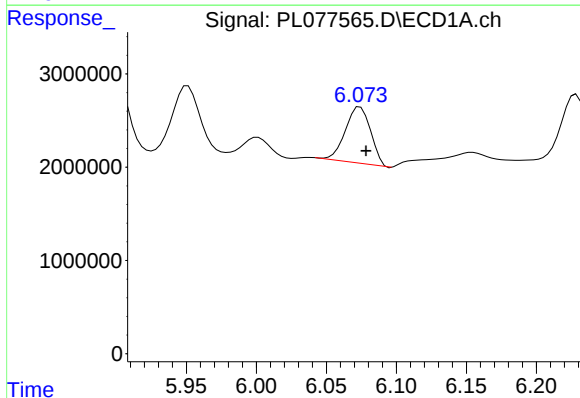
R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 17156301  
Conc: 9.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



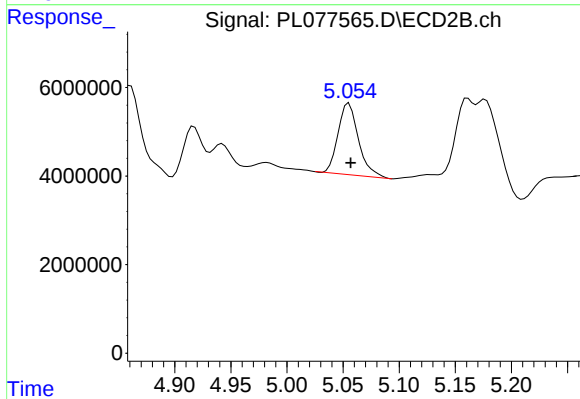
#11 alpha-Chlordane

R.T.: 4.861 min  
Delta R.T.: -0.002 min  
Response: 29898967  
Conc: 11.10 ng/ml



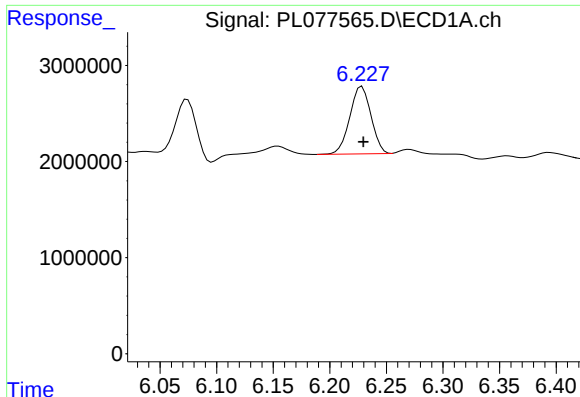
#12 4,4'-DDE

R.T.: 6.074 min  
Delta R.T.: -0.004 min  
Response: 7582599  
Conc: 4.33 ng/ml



#12 4,4'-DDE

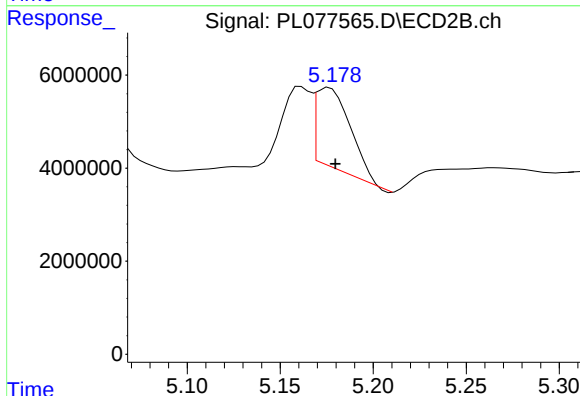
R.T.: 5.055 min  
Delta R.T.: -0.002 min  
Response: 20264038  
Conc: 7.47 ng/ml



#13 Dieldrin

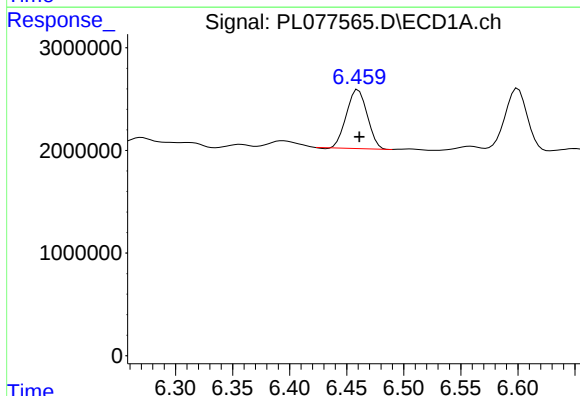
R.T.: 6.228 min  
Delta R.T.: -0.001 min  
Response: 9138780  
Conc: 5.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



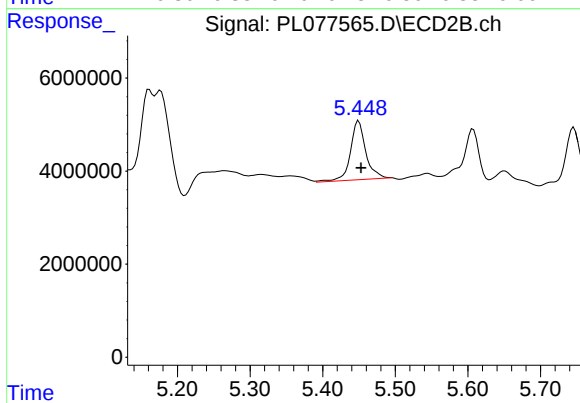
#13 Dieldrin

R.T.: 5.176 min  
Delta R.T.: -0.003 min  
Response: 22161053  
Conc: 8.09 ng/ml



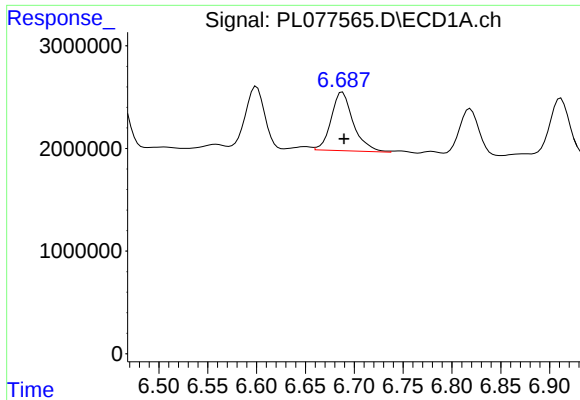
#14 Endrin

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 7272011  
Conc: 4.80 ng/ml



#14 Endrin

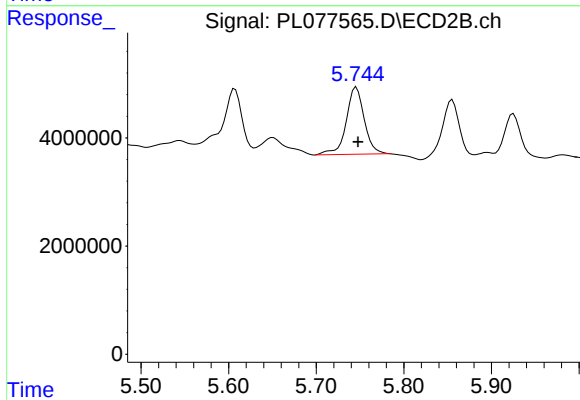
R.T.: 5.450 min  
Delta R.T.: -0.003 min  
Response: 18725359  
Conc: 9.08 ng/ml



#15 Endosulfan II

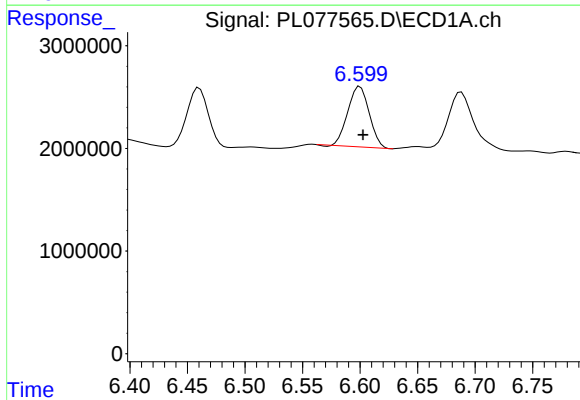
R.T.: 6.688 min  
Delta R.T.: -0.002 min  
Response: 9006417  
Conc: 5.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



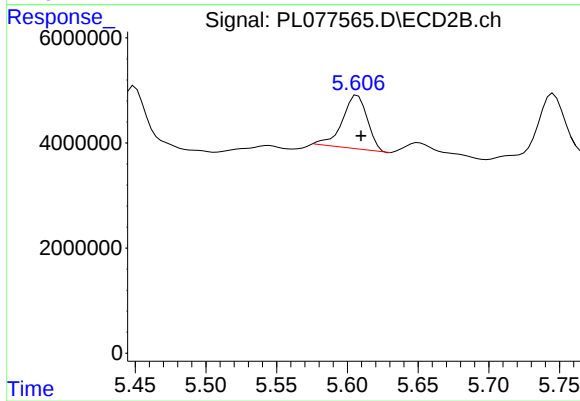
#15 Endosulfan II

R.T.: 5.746 min  
Delta R.T.: -0.002 min  
Response: 17540811  
Conc: 7.46 ng/ml



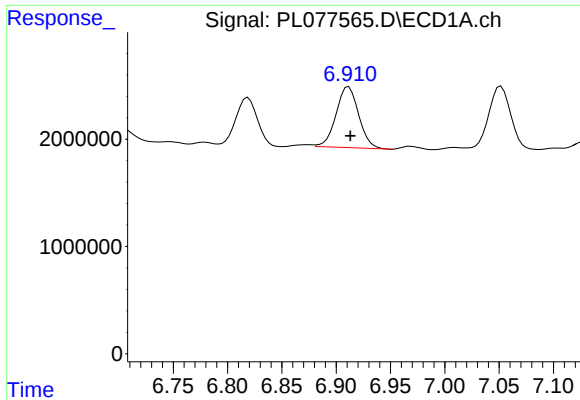
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: -0.003 min  
Response: 7661288  
Conc: 5.80 ng/ml



#16 4,4'-DDD

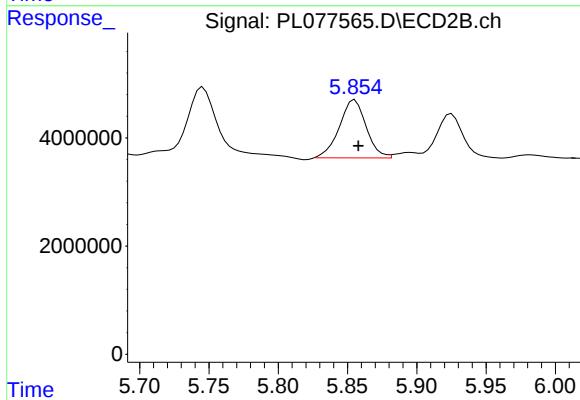
R.T.: 5.607 min  
Delta R.T.: -0.003 min  
Response: 12538250  
Conc: 6.09 ng/ml



#17 4,4'-DDT

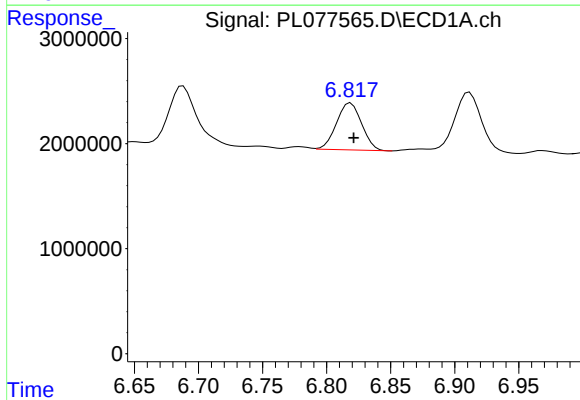
R.T.: 6.912 min  
Delta R.T.: -0.002 min  
Response: 8231731  
Conc: 5.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



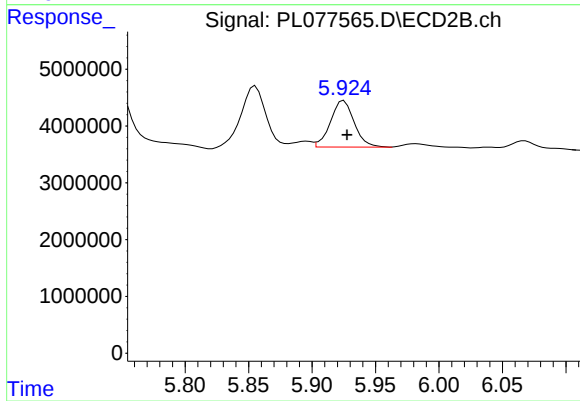
#17 4,4'-DDT

R.T.: 5.855 min  
Delta R.T.: -0.003 min  
Response: 14471681  
Conc: 6.78 ng/ml



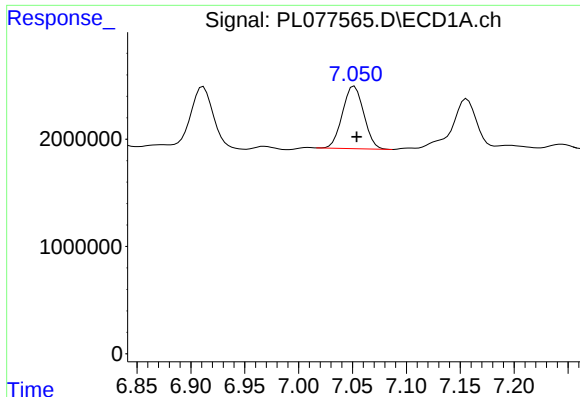
#18 Endrin aldehyde

R.T.: 6.819 min  
Delta R.T.: -0.002 min  
Response: 6108030  
Conc: 5.24 ng/ml



#18 Endrin aldehyde

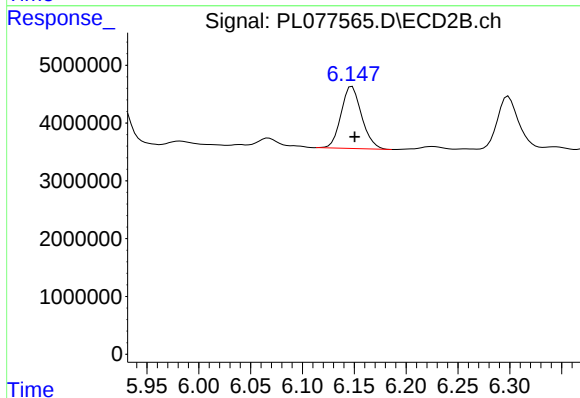
R.T.: 5.925 min  
Delta R.T.: -0.002 min  
Response: 10673091  
Conc: 6.14 ng/ml



#19 Endosulfan Sulfate

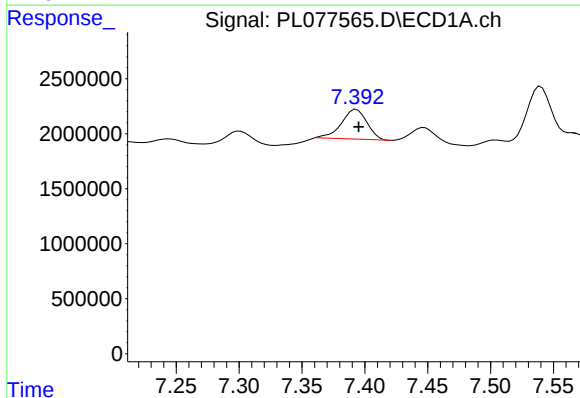
R.T.: 7.052 min  
Delta R.T.: -0.002 min  
Response: 8017590  
Conc: 5.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



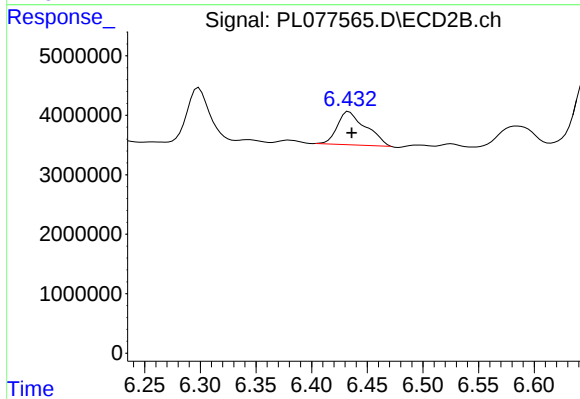
#19 Endosulfan Sulfate

R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 14755298  
Conc: 6.69 ng/ml



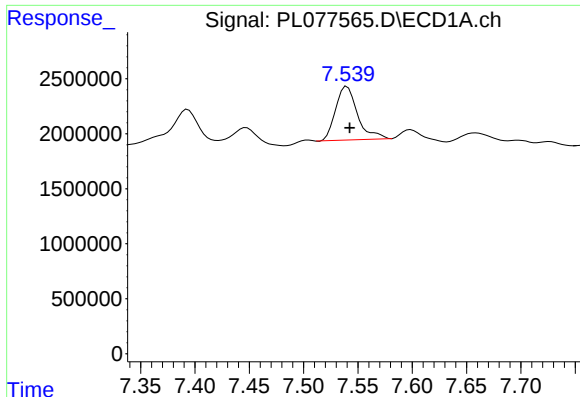
#20 Methoxychlor

R.T.: 7.393 min  
Delta R.T.: -0.002 min  
Response: 3827955  
Conc: 4.83 ng/ml



#20 Methoxychlor

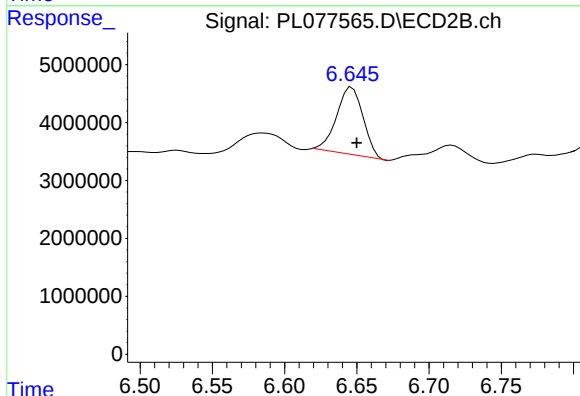
R.T.: 6.434 min  
Delta R.T.: -0.002 min  
Response: 9916128  
Conc: 8.44 ng/ml



#21 Endrin ketone

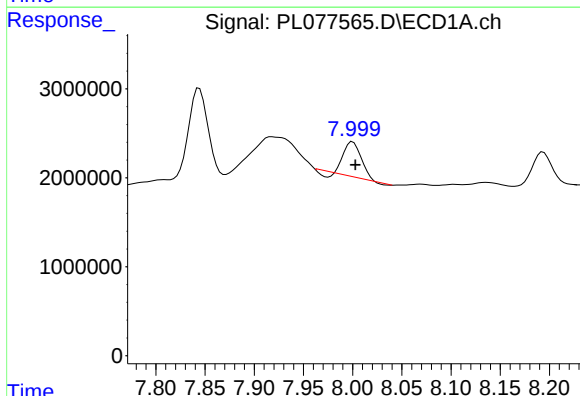
R.T.: 7.540 min  
Delta R.T.: -0.002 min  
Response: 6836215  
Conc: 4.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



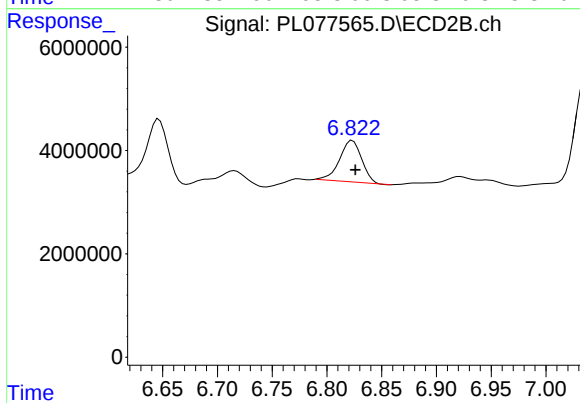
#21 Endrin ketone

R.T.: 6.647 min  
Delta R.T.: -0.003 min  
Response: 14798510  
Conc: 6.10 ng/ml



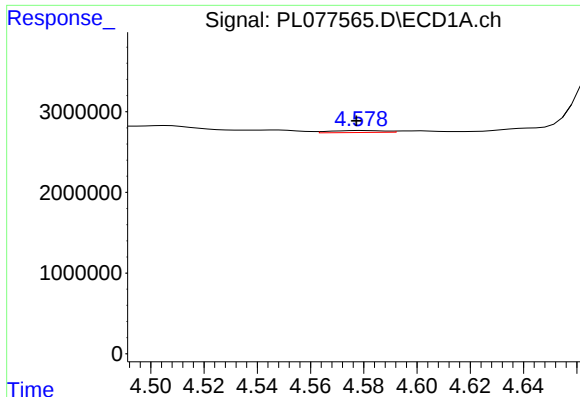
#22 Mirex

R.T.: 8.000 min  
Delta R.T.: -0.003 min  
Response: 4467153  
Conc: 3.67 ng/ml



#22 Mirex

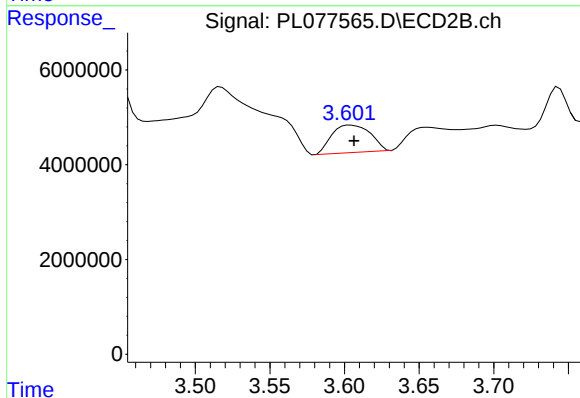
R.T.: 6.823 min  
Delta R.T.: -0.003 min  
Response: 11304352  
Conc: 6.46 ng/ml



#23 Chlordane-1

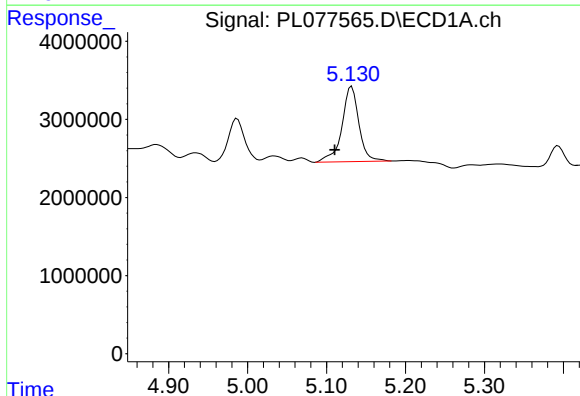
R.T.: 4.580 min  
Delta R.T.: 0.002 min  
Response: 353778  
Conc: 5.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



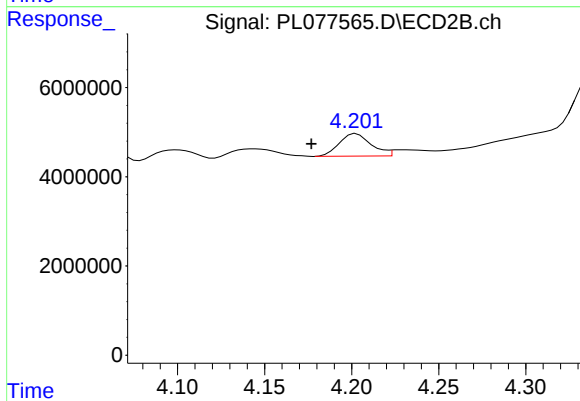
#23 Chlordane-1

R.T.: 3.604 min  
Delta R.T.: -0.002 min  
Response: 10495759  
Conc: 125.48 ng/ml



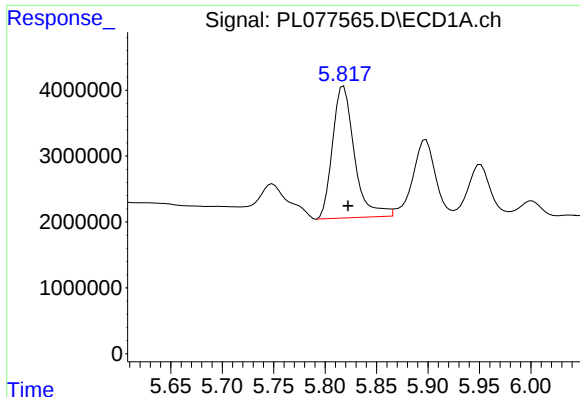
#24 Chlordane-2

R.T.: 5.132 min  
Delta R.T.: 0.021 min  
Response: 14295883  
Conc: 188.65 ng/ml



#24 Chlordane-2

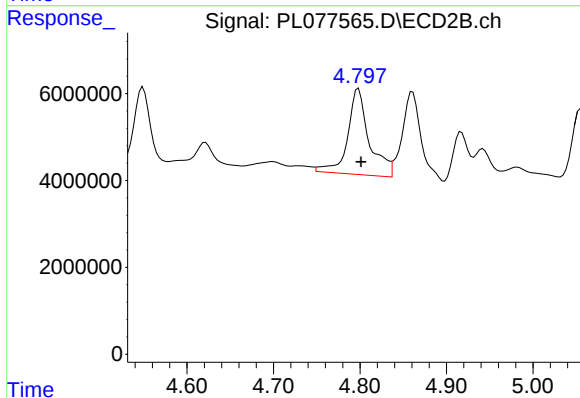
R.T.: 4.203 min  
Delta R.T.: 0.026 min  
Response: 6447566  
Conc: 65.47 ng/ml



#25 Chlordane-3

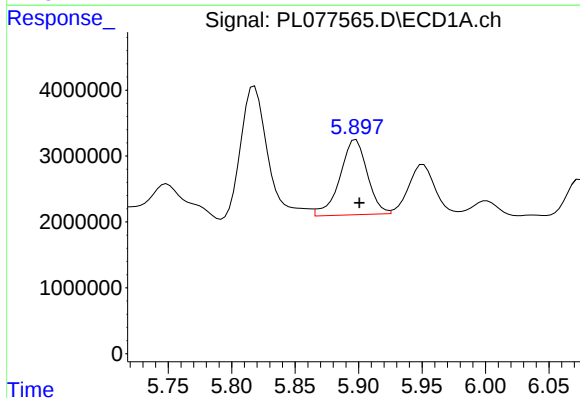
R.T.: 5.818 min  
Delta R.T.: -0.004 min  
Response: 29681052  
Conc: 109.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



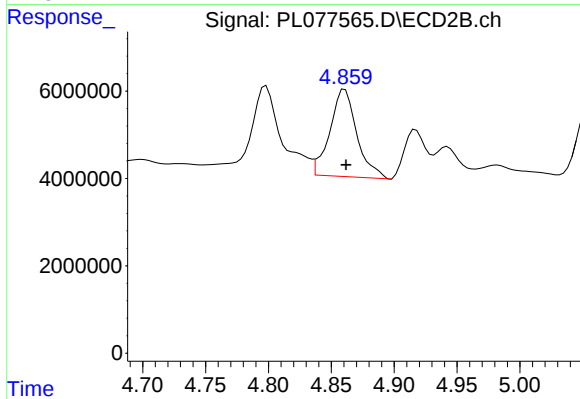
#25 Chlordane-3

R.T.: 4.798 min  
Delta R.T.: -0.003 min  
Response: 34328057  
Conc: 120.18 ng/ml



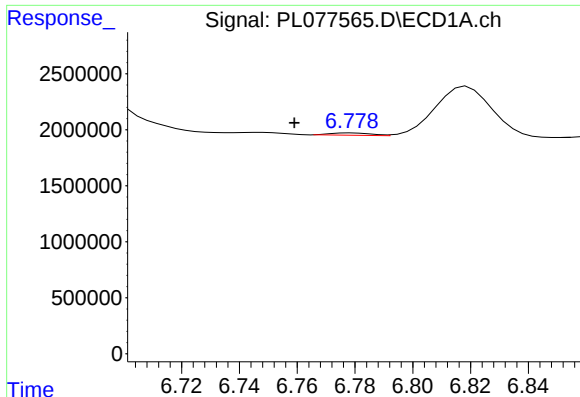
#26 Chlordane-4

R.T.: 5.898 min  
Delta R.T.: -0.003 min  
Response: 17156301  
Conc: 51.29 ng/ml



#26 Chlordane-4

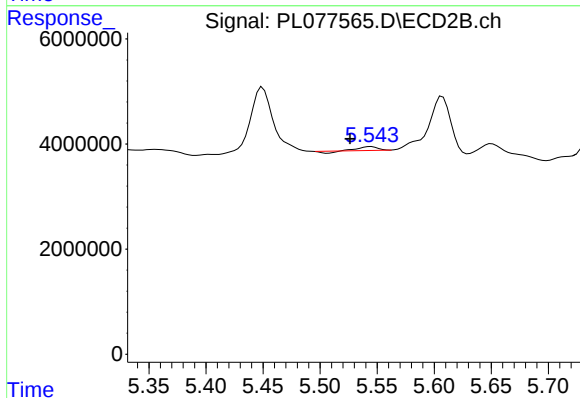
R.T.: 4.861 min  
Delta R.T.: -0.001 min  
Response: 29898967  
Conc: 100.86 ng/ml



#27 Chlordane-5

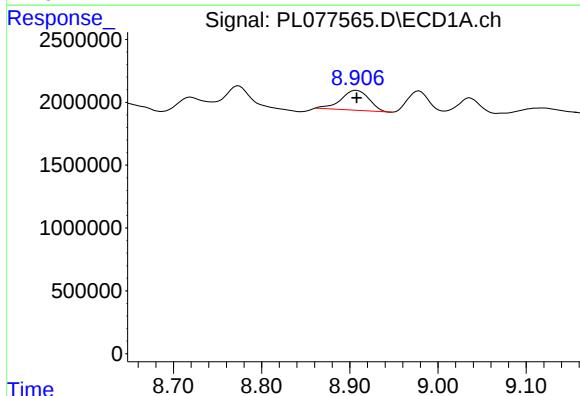
R.T.: 6.779 min  
Delta R.T.: 0.020 min  
Response: 201697  
Conc: 3.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-02-090222



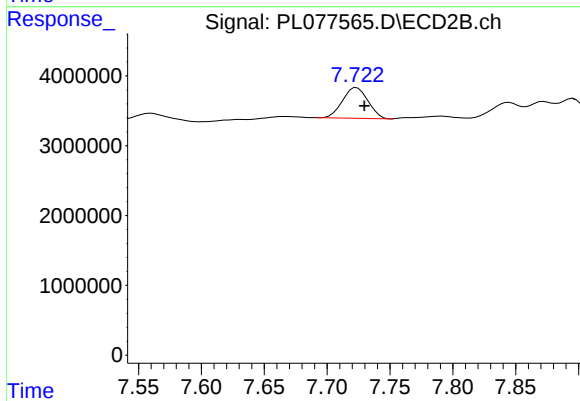
#27 Chlordane-5

R.T.: 5.544 min  
Delta R.T.: 0.018 min  
Response: 583045  
Conc: 8.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.907 min  
Delta R.T.: 0.000 min  
Response: 3519914  
Conc: 2.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.723 min  
Delta R.T.: -0.006 min  
Response: 6181322  
Conc: 3.13 ng/ml