

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122822\  
 Data File : PL079925.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Dec 2022 09:14  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 20:56:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122322.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Dec 25 19:58:15 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... | 3.319  | 2.568  | 38201749 | 54393427 | 16.292  | 19.198   |
| 28)                         | SA Decachlor... | 8.765  | 7.632  | 33642013 | 43908254 | 17.118  | 19.244   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.779  | 3.054  | 26030458 | 42978727 | 7.213   | 9.570 #  |
| 3)                          | MA gamma-BHC... | 4.112  | 3.374  | 25282636 | 37996264 | 7.457   | 9.517 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.675f | 0        | 17793709 | N.D.    | 4.301 #  |
| 5)                          | MB Aldrin       | 0.000  | 3.968  | 0        | 36046    | N.D.    | 0.009 #  |
| 6)                          | B beta-BHC      | 4.328  | 3.675  | 11878658 | 17793709 | 8.131   | 11.514 # |
| 7)                          | B delta-BHC     | 0.000  | 3.896  | 0        | 176436   | N.D.    | 0.044 #  |
| 8)                          | B Heptachlo...  | 5.461  | 4.458  | 9452823  | 1312573  | 3.503   | 0.378 #  |
| 9)                          | A Endosulfan I  | 5.864f | 0.000  | 289604   | 0        | 0.107   | N.D. #   |
| 10)                         | B gamma-Chl...  | 0.000  | 4.735f | 0        | 7570556  | N.D.    | 2.156 #  |
| 12)                         | B 4,4'-DDE      | 5.965  | 4.973  | 279877   | 1596630  | 0.109   | 0.499 #  |
| 13)                         | MA Dieldrin     | 6.124  | 5.094  | 25549    | 4712003  | 0.009   | 1.359 #  |
| 14)                         | MA Endrin       | 6.345  | 5.363  | 94056339 | 129.1E6  | 36.977  | 43.599   |
| 15)                         | B Endosulfa...  | 6.555f | 5.686f | 2945008  | 1421496  | 1.176   | 0.488 #  |
| 16)                         | A 4,4'-DDD      | 6.493  | 5.524  | 15031717 | 15002244 | 7.141   | 5.794    |
| 17)                         | MA 4,4'-DDT     | 6.803  | 5.770  | 176.1E6  | 234.4E6  | 74.743  | 87.532   |
| 18)                         | B Endrin al...  | 6.707  | 5.840  | 3516446  | 5733523  | 1.870   | 2.623 #  |
| 19)                         | B Endosulfa...  | 6.917f | 6.058  | 376903   | 334129   | 0.158   | 0.117 #  |
| 20)                         | A Methoxychlor  | 7.288  | 6.346  | 233.5E6  | 282.6E6  | 192.799 | 202.889  |
| 21)                         | B Endrin ke...  | 7.426  | 6.556  | 7332278  | 12630370 | 2.905   | 4.043 #  |
| 25)                         | Chlordane-3     | 0.000  | 4.735f | 0        | 7570556  | N.D.    | 22.171 # |
| 27)                         | Chlordane-5     | 0.000  | 5.447  | 0        | 211776   | N.D.    | 2.301 #  |
| -----                       |                 |        |        |          |          |         |          |

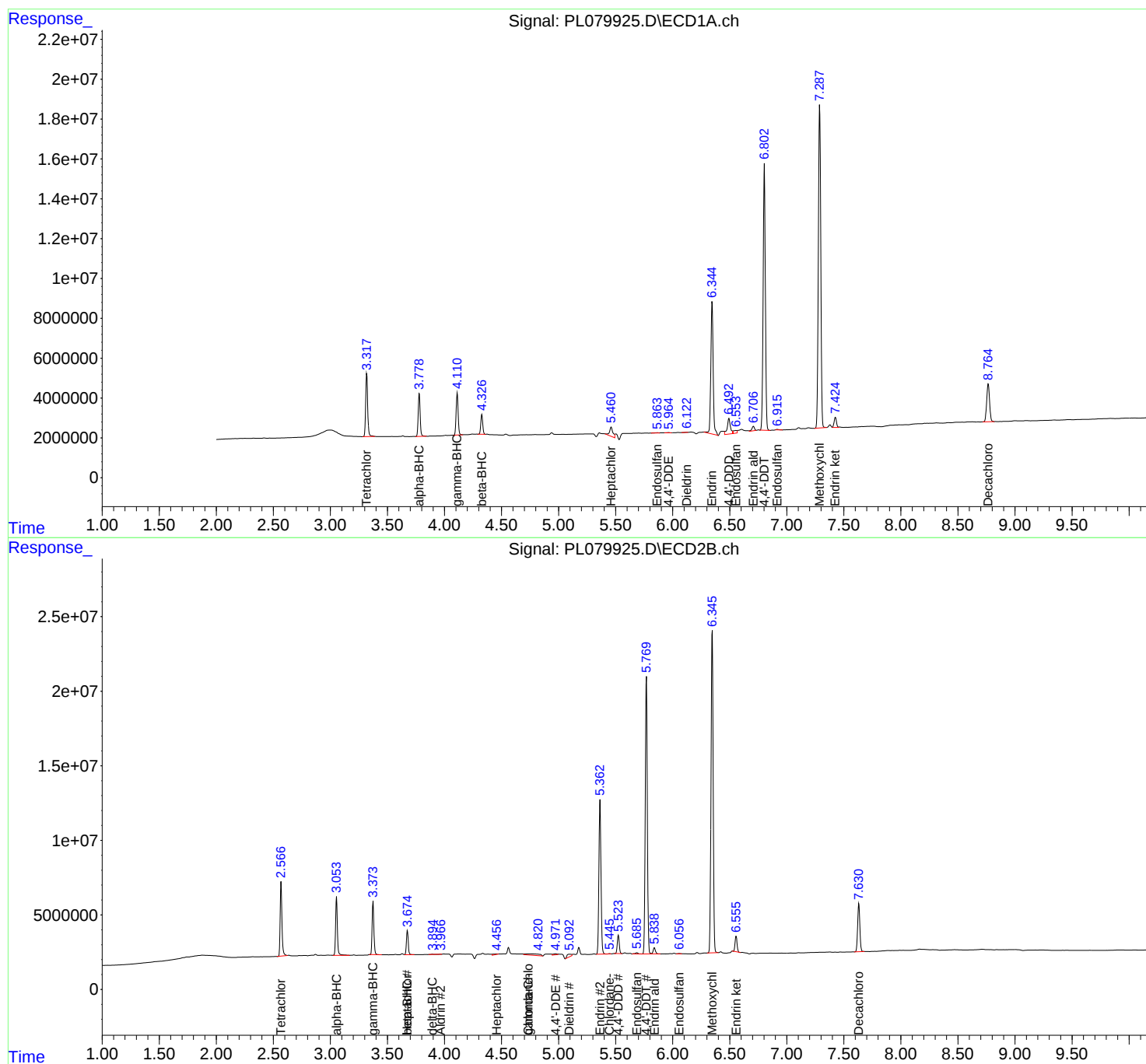
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

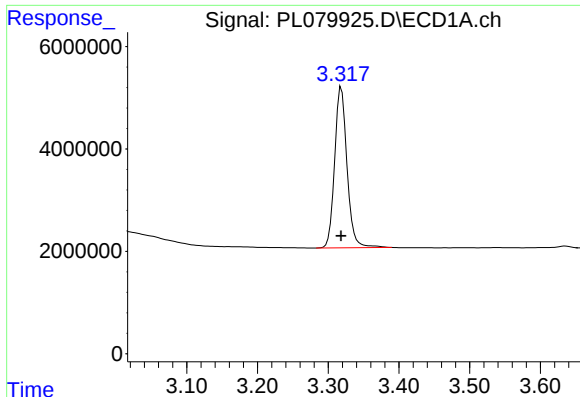
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122822\  
Data File : PL079925.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Dec 2022 09:14  
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Sample : PEM  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Dec 28 20:56:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122322.M  
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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

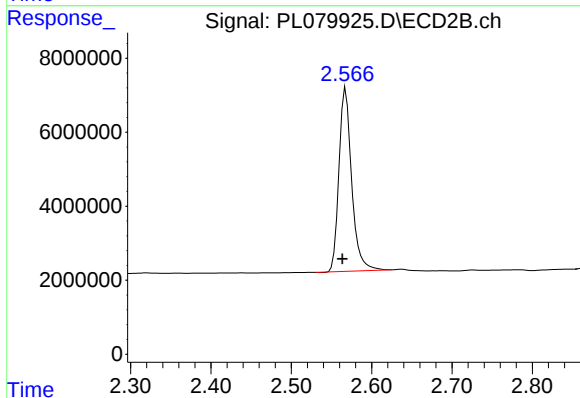




#1 Tetrachloro-m-xylene

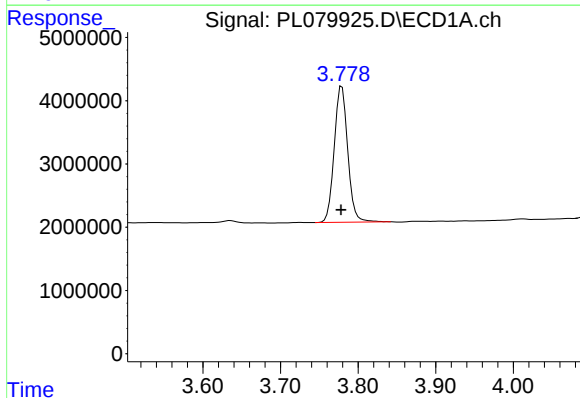
R.T.: 3.319 min  
Delta R.T.: 0.000 min  
Response: 38201749  
Conc: 16.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



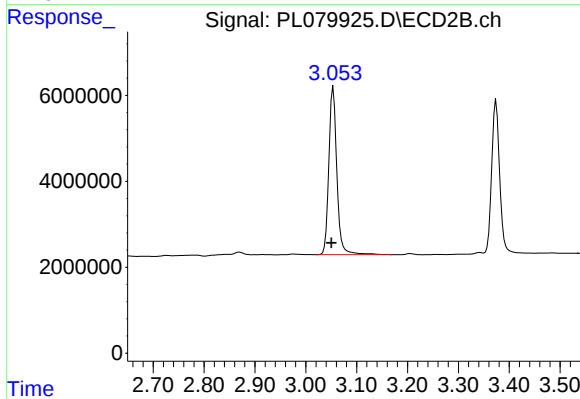
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: 0.004 min  
Response: 54393427  
Conc: 19.20 ng/ml



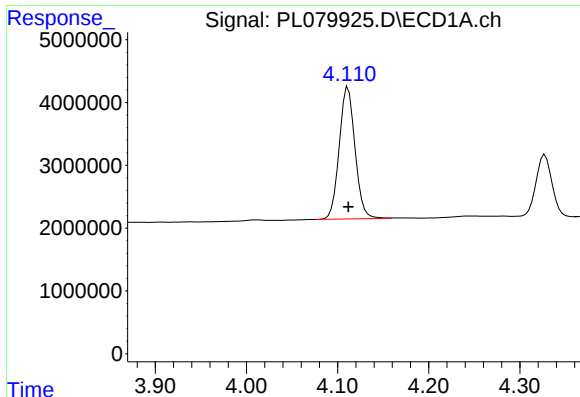
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 26030458  
Conc: 7.21 ng/ml



#2 alpha-BHC

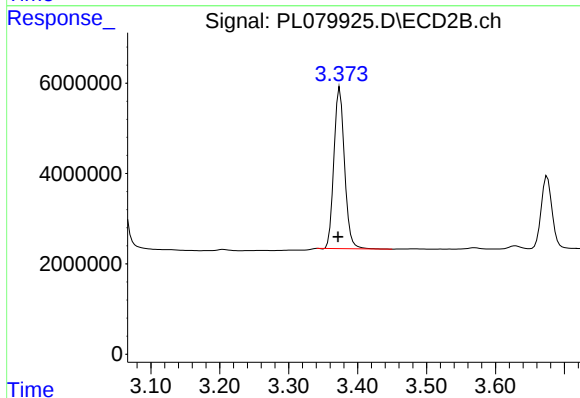
R.T.: 3.054 min  
Delta R.T.: 0.004 min  
Response: 42978727  
Conc: 9.57 ng/ml



#3 gamma-BHC (Lindane)

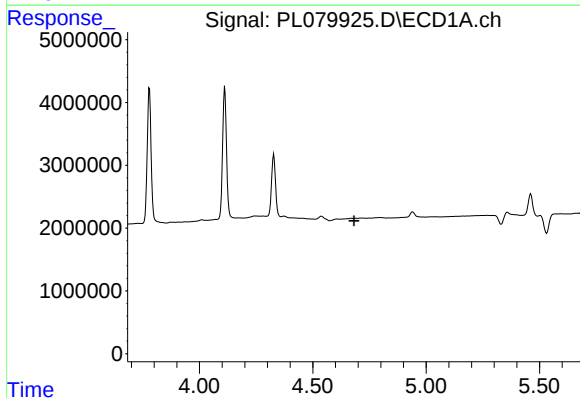
R.T.: 4.112 min  
Delta R.T.: 0.000 min  
Response: 25282636  
Conc: 7.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



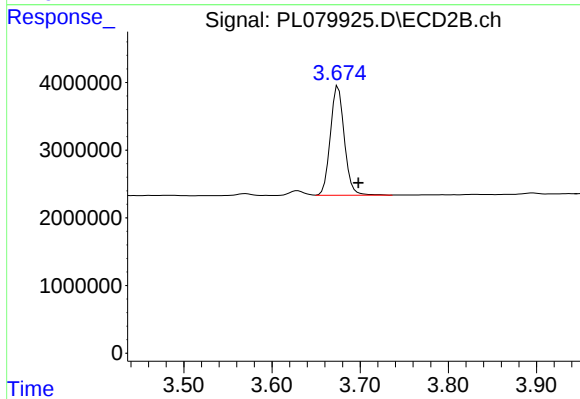
#3 gamma-BHC (Lindane)

R.T.: 3.374 min  
Delta R.T.: 0.003 min  
Response: 37996264  
Conc: 9.52 ng/ml



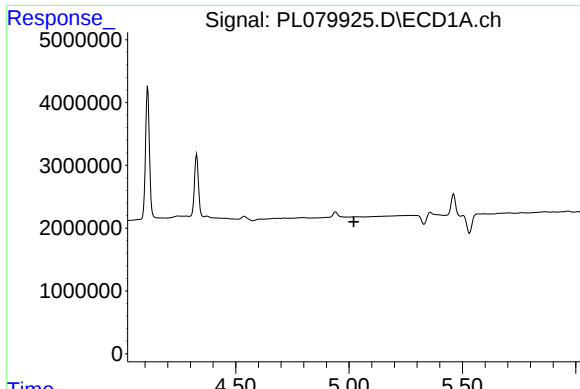
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.682 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

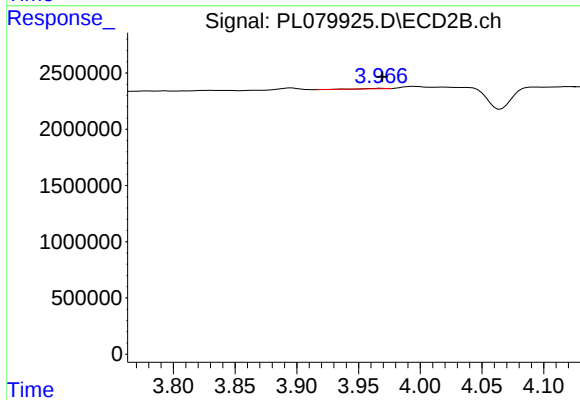
R.T.: 3.675 min  
Delta R.T.: -0.023 min  
Response: 17793709  
Conc: 4.30 ng/ml



#5 Aldrin

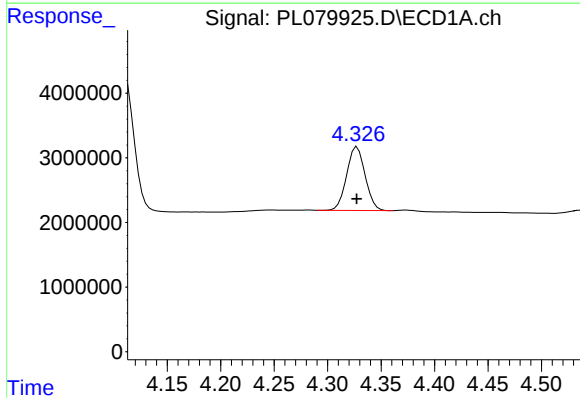
R.T.: 0.000 min  
Exp R.T.: 5.021 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



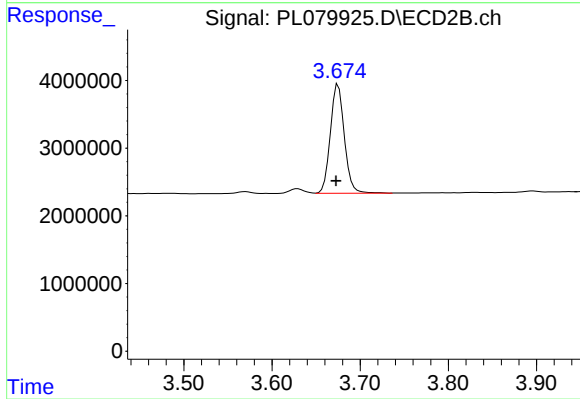
#5 Aldrin

R.T.: 3.968 min  
Delta R.T.: -0.001 min  
Response: 36046  
Conc: 0.01 ng/ml



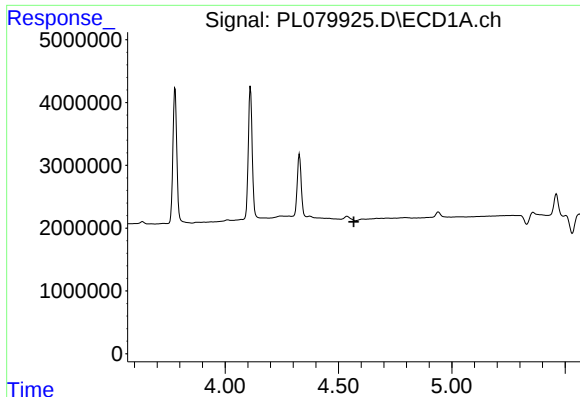
#6 beta-BHC

R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 11878658  
Conc: 8.13 ng/ml



#6 beta-BHC

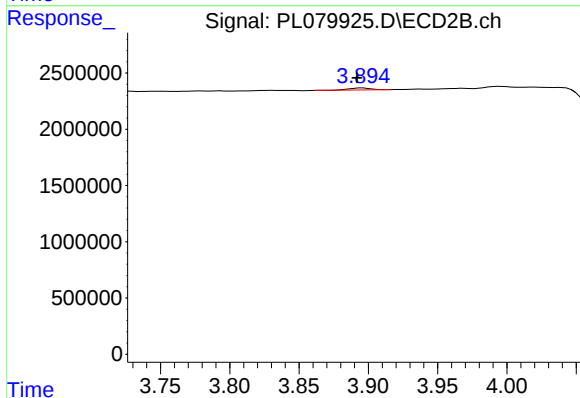
R.T.: 3.675 min  
Delta R.T.: 0.002 min  
Response: 17793709  
Conc: 11.51 ng/ml



#7 delta-BHC

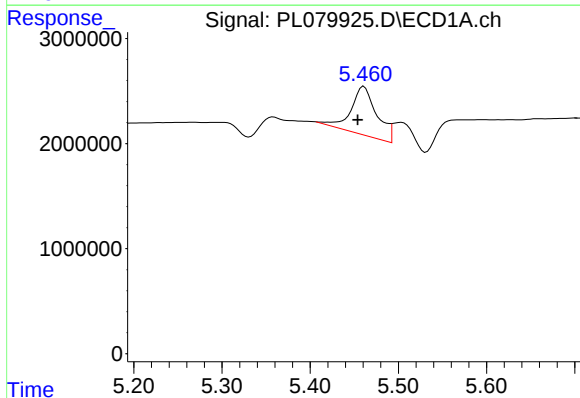
R.T.: 0.000 min  
Exp R.T.: 4.568 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



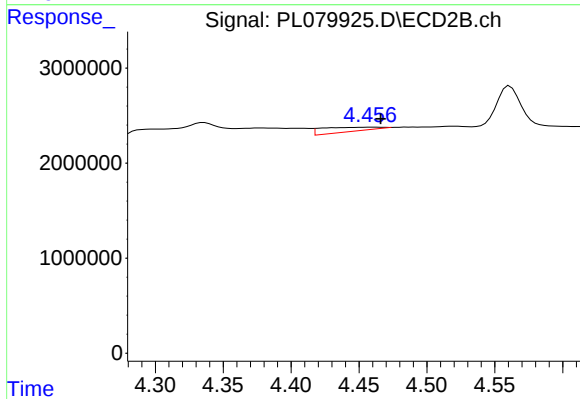
#7 delta-BHC

R.T.: 3.896 min  
Delta R.T.: 0.004 min  
Response: 176436  
Conc: 0.04 ng/ml



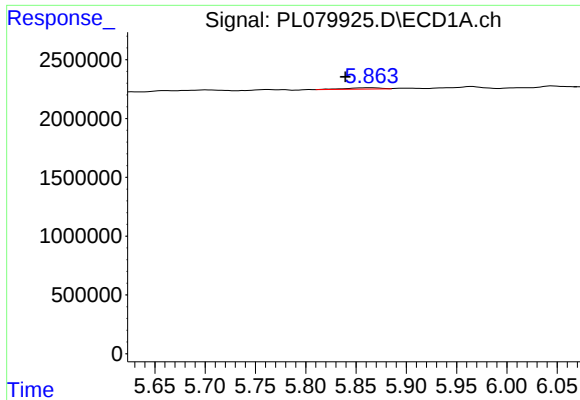
#8 Heptachlor epoxide

R.T.: 5.461 min  
Delta R.T.: 0.007 min  
Response: 9452823  
Conc: 3.50 ng/ml



#8 Heptachlor epoxide

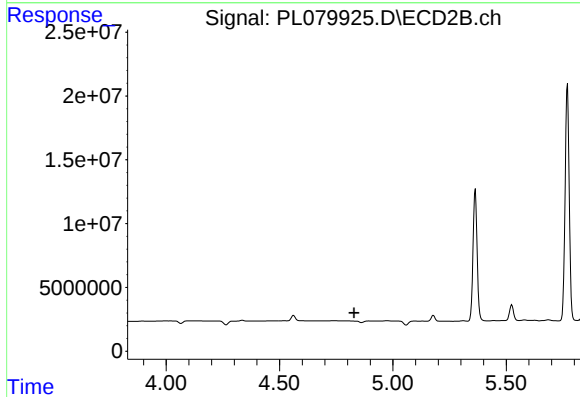
R.T.: 4.458 min  
Delta R.T.: -0.007 min  
Response: 1312573  
Conc: 0.38 ng/ml



#9 Endosulfan I

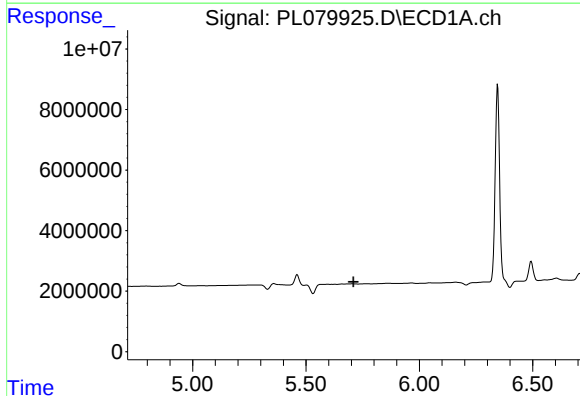
R.T.: 5.864 min  
Delta R.T.: 0.025 min  
Response: 289604  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



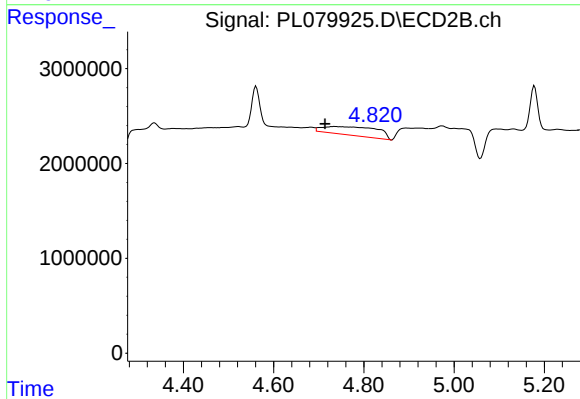
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 4.829 min  
Response: 0  
Conc: N.D.



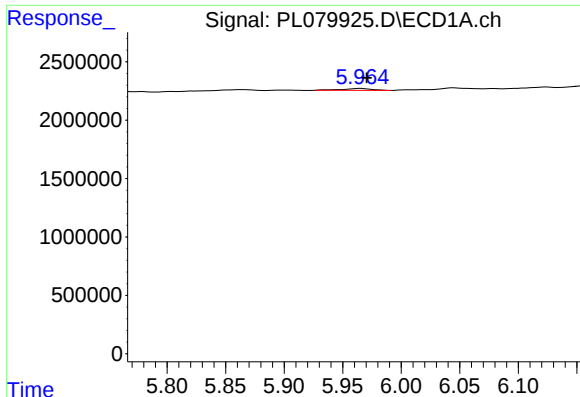
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.710 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

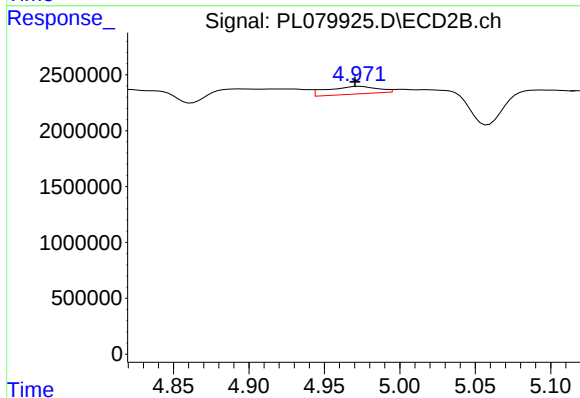
R.T.: 4.735 min  
Delta R.T.: 0.021 min  
Response: 7570556  
Conc: 2.16 ng/ml



#12 4,4'-DDE

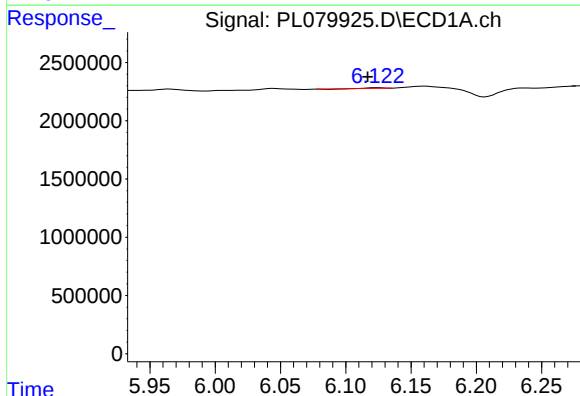
R.T.: 5.965 min  
Delta R.T.: -0.005 min  
Response: 279877  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



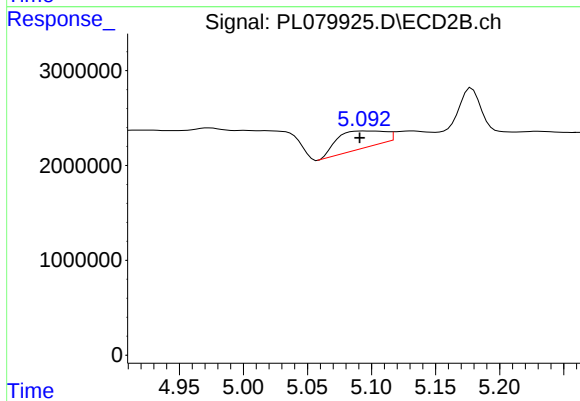
#12 4,4'-DDE

R.T.: 4.973 min  
Delta R.T.: 0.003 min  
Response: 1596630  
Conc: 0.50 ng/ml



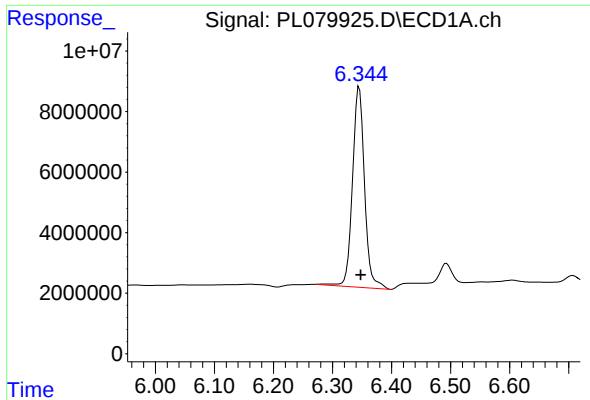
#13 Dieldrin

R.T.: 6.124 min  
Delta R.T.: 0.007 min  
Response: 25549  
Conc: 0.01 ng/ml



#13 Dieldrin

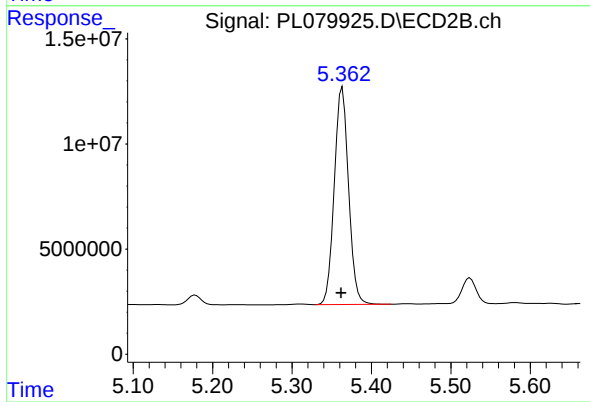
R.T.: 5.094 min  
Delta R.T.: 0.003 min  
Response: 4712003  
Conc: 1.36 ng/ml



#14 Endrin

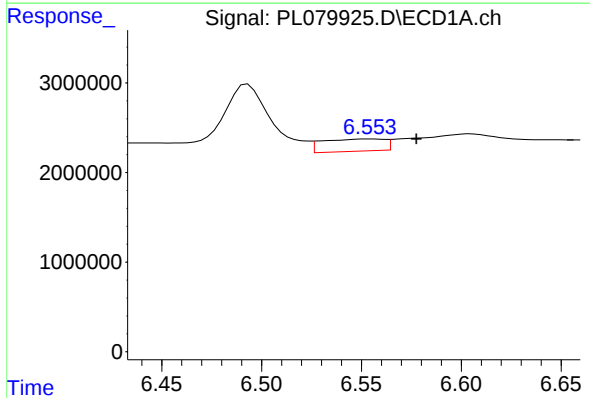
R.T.: 6.345 min  
Delta R.T.: -0.003 min  
Response: 94056339  
Conc: 36.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



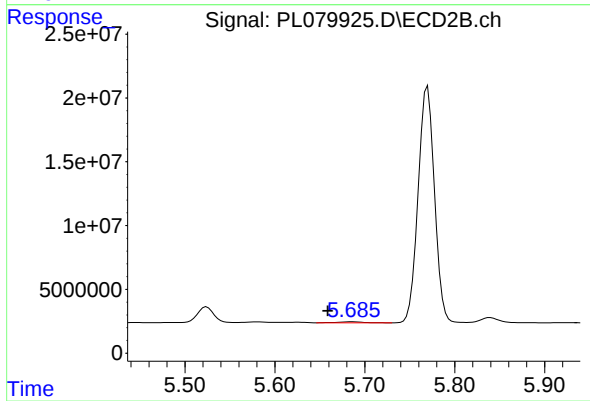
#14 Endrin

R.T.: 5.363 min  
Delta R.T.: 0.002 min  
Response: 129051609  
Conc: 43.60 ng/ml



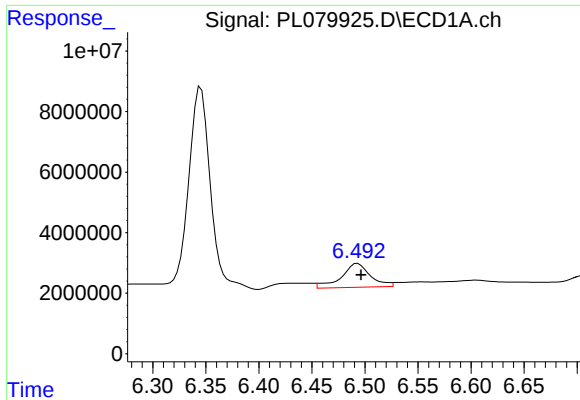
#15 Endosulfan II

R.T.: 6.555 min  
Delta R.T.: -0.023 min  
Response: 2945008  
Conc: 1.18 ng/ml



#15 Endosulfan II

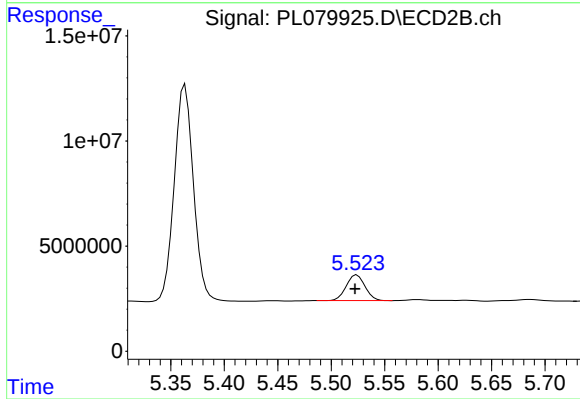
R.T.: 5.686 min  
Delta R.T.: 0.027 min  
Response: 1421496  
Conc: 0.49 ng/ml



#16 4,4'-DDD

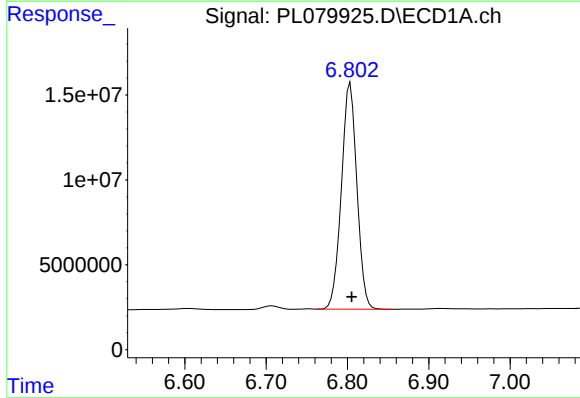
R.T.: 6.493 min  
Delta R.T.: -0.003 min  
Response: 15031717  
Conc: 7.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



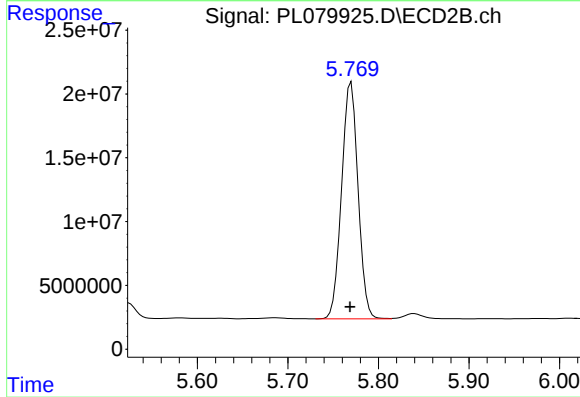
#16 4,4'-DDD

R.T.: 5.524 min  
Delta R.T.: 0.002 min  
Response: 15002244  
Conc: 5.79 ng/ml



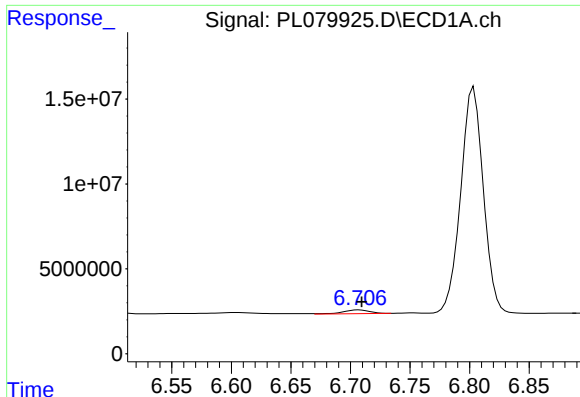
#17 4,4'-DDT

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 176076247  
Conc: 74.74 ng/ml



#17 4,4'-DDT

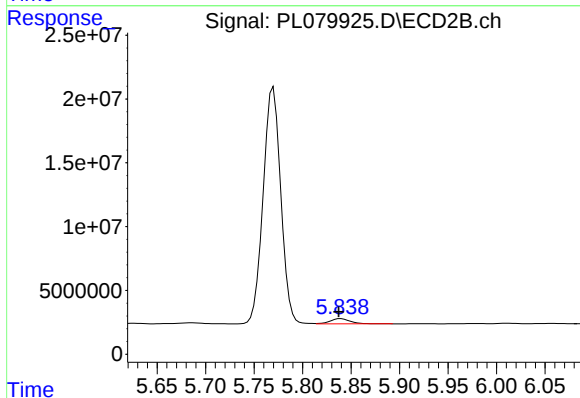
R.T.: 5.770 min  
Delta R.T.: 0.001 min  
Response: 234385368  
Conc: 87.53 ng/ml



#18 Endrin aldehyde

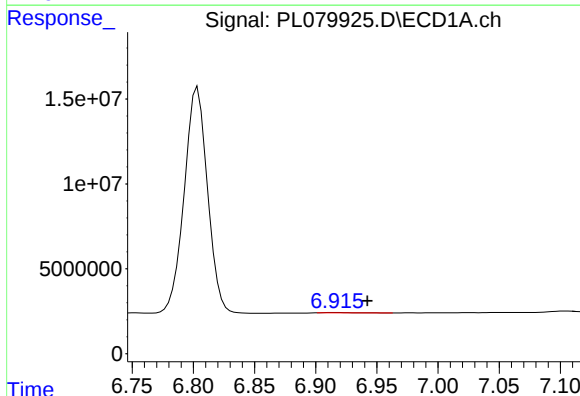
R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 3516446  
Conc: 1.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



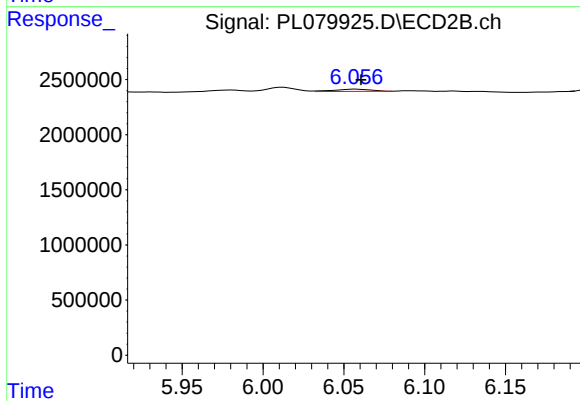
#18 Endrin aldehyde

R.T.: 5.840 min  
Delta R.T.: 0.002 min  
Response: 5733523  
Conc: 2.62 ng/ml



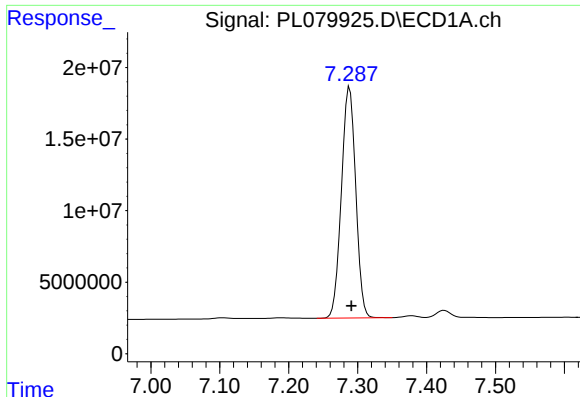
#19 Endosulfan Sulfate

R.T.: 6.917 min  
Delta R.T.: -0.026 min  
Response: 376903  
Conc: 0.16 ng/ml



#19 Endosulfan Sulfate

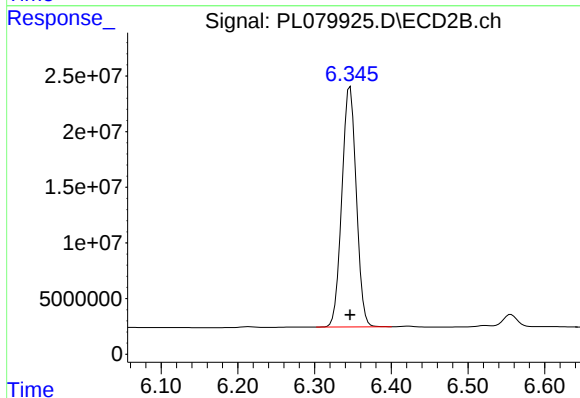
R.T.: 6.058 min  
Delta R.T.: -0.003 min  
Response: 334129  
Conc: 0.12 ng/ml



#20 Methoxychlor

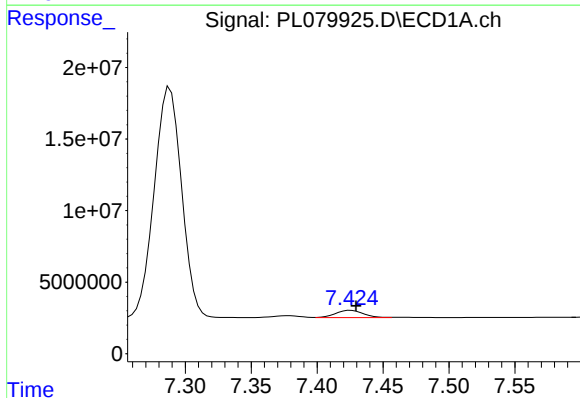
R.T.: 7.288 min  
Delta R.T.: -0.003 min  
Response: 233501025  
Conc: 192.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



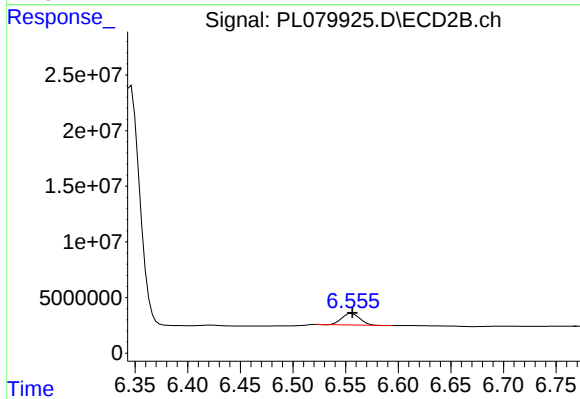
#20 Methoxychlor

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 282643921  
Conc: 202.89 ng/ml



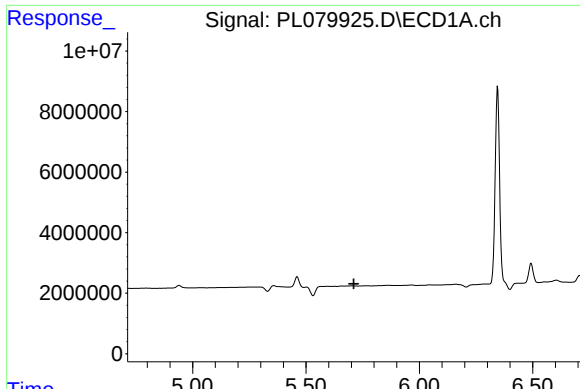
#21 Endrin ketone

R.T.: 7.426 min  
Delta R.T.: -0.004 min  
Response: 7332278  
Conc: 2.90 ng/ml



#21 Endrin ketone

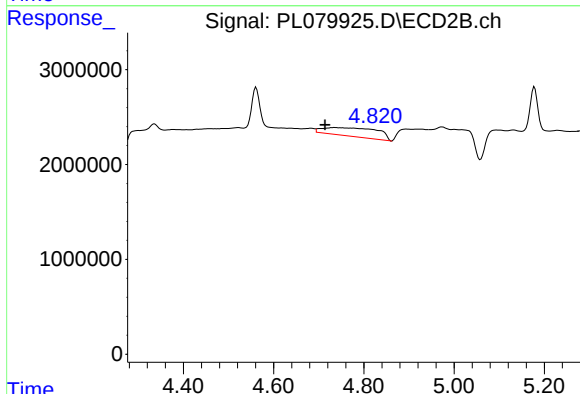
R.T.: 6.556 min  
Delta R.T.: 0.000 min  
Response: 12630370  
Conc: 4.04 ng/ml



#25 Chlordane-3

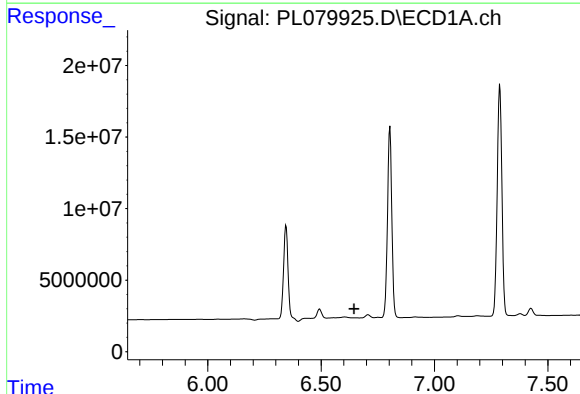
R.T.: 0.000 min  
Exp R.T.: 5.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



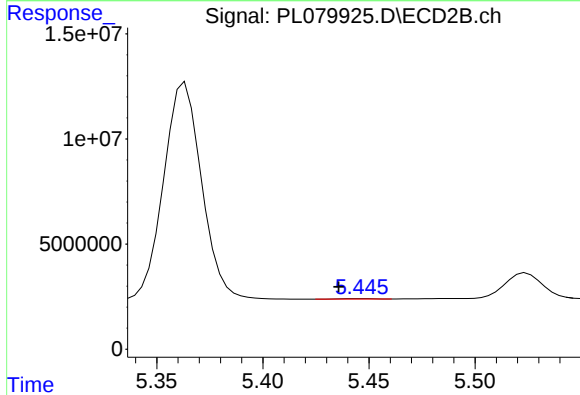
#25 Chlordane-3

R.T.: 4.735 min  
Delta R.T.: 0.020 min  
Response: 7570556  
Conc: 22.17 ng/ml



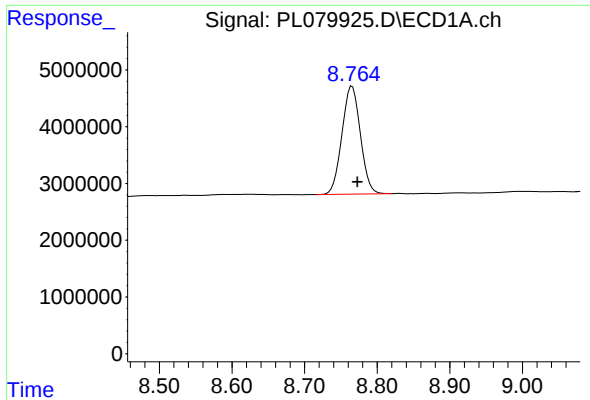
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.645 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

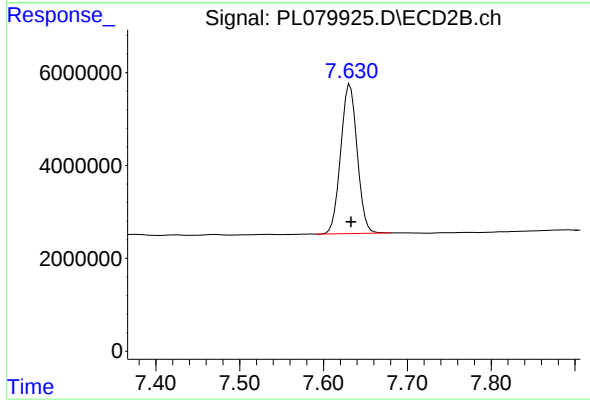
R.T.: 5.447 min  
Delta R.T.: 0.011 min  
Response: 211776  
Conc: 2.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.765 min  
Delta R.T.: -0.007 min  
Response: 33642013  
Conc: 17.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.632 min  
Delta R.T.: -0.001 min  
Response: 43908254  
Conc: 19.24 ng/ml