

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100622\  
 Data File : PL078127.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2022 09:23  
 Operator : AR\AJ  
 Sample : PEM157  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM213

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 22:59:21 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100522CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 05 01:39:00 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 x 0.50µm

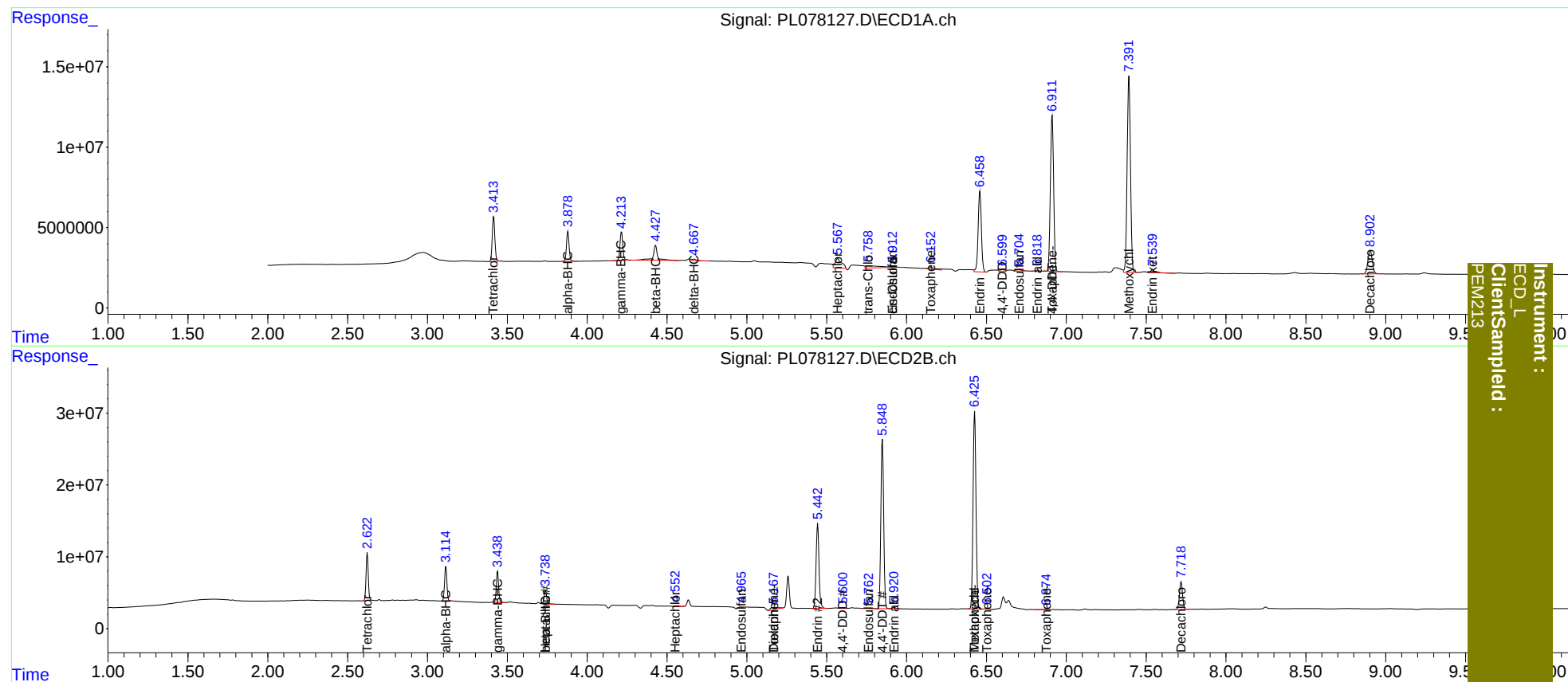
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.415  | 2.623  | 31354515 | 62645617 | 17.776   | 18.620     |
| 27)                         | SA Decachlor... | 8.903  | 7.720  | 28326936 | 51962796 | 18.689   | 19.190     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.879  | 3.115  | 21727632 | 48480678 | 8.643    | 9.659      |
| 3)                          | MA gamma-BHC... | 4.215  | 3.439  | 21428570 | 44227293 | 8.881    | 9.660      |
| 4)                          | MA Heptachlor   | 0.000  | 3.739f | 0        | 20049481 | N.D.     | 4.365      |
| 6)                          | B beta-BHC      | 4.428  | 3.739  | 18356976 | 20049481 | 15.605   | 10.099 #   |
| 7)                          | B delta-BHC     | 4.669  | 0.000  | 1493982  | 0        | 0.612    | N.D. #     |
| 8)                          | B Heptachlo...  | 5.568  | 4.554  | 16139262 | 2006140  | 7.628    | 0.509 #    |
| 9)                          | A Endosulfan I  | 5.914f | 4.967f | 776089   | 512342   | 0.437    | 0.142 #    |
| 10)                         | B trans-Chl...  | 5.759f | 0.000  | 8920788  | 0        | 4.568    | N.D. #     |
| 11)                         | B cis-Chlor...  | 5.914  | 0.000  | 776089   | 0        | 0.411    | N.D. #     |
| 13)                         | MA Dieldrin     | 0.000  | 5.167  | 0        | 9504713  | N.D.     | 2.444      |
| 14)                         | MA Endrin       | 6.459  | 5.443  | 71197144 | 150.5E6  | 44.152   | 46.669     |
| 15)                         | B Endosulfa...  | 6.705  | 5.763  | 2106909  | 784908   | 1.306    | 0.248 #    |
| 16)                         | A 4,4'-DDD      | 6.601  | 5.601  | 2678174  | 1292350  | 1.974    | 0.428 #    |
| 17)                         | MA 4,4'-DDT     | 6.912  | 5.849  | 135.6E6  | 290.2E6  | 93.173   | 96.064     |
| 18)                         | B Endrin al...  | 6.819  | 5.922  | 786965   | 2664960  | 0.585    | 1.031 #    |
| 20)                         | A Methoxychlor  | 7.393  | 6.427  | 174.8E6  | 348.7E6  | 233.057  | 234.279    |
| 22)                         | Toxaphene-1     | 6.153f | 5.167  | 4012397  | 9504713  | 286.714  | 587.684 #  |
| 23)                         | Toxaphene-2     | 6.912  | 6.427  | 135.6E6  | 348.7E6  | 3316.042 | 5184.960 # |
| 24)                         | Toxaphene-3     | 0.000  | 6.502  | 0        | 880393   | N.D.     | 9.668      |
| 25)                         | Toxaphene-4     | 0.000  | 6.875  | 0        | 622465   | N.D.     | 11.353     |
| -----                       |                 |        |        |          |          |          |            |

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

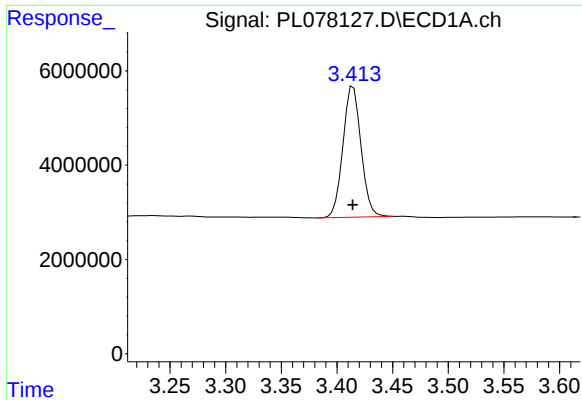
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100622\  
Data File : PL078127.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2022 09:23  
Operator : AR\AJ  
Sample : PEM157  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 22:59:21 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100522CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 05 01:39:00 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 x 0.50µm



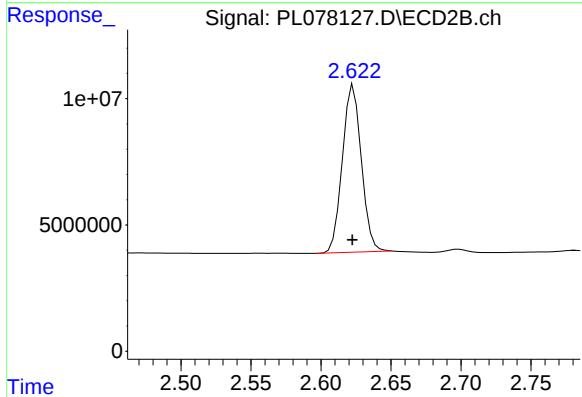
Instrument :  
ECD\_L  
ClientSampled :  
PEM213



#1 Tetrachloro-m-xylene

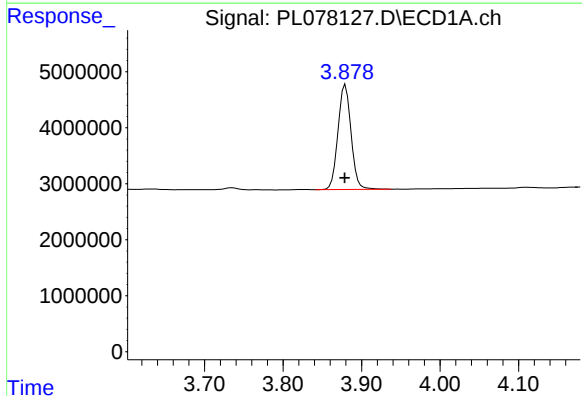
R.T.: 3.415 min  
Delta R.T.: 0.000 min  
Response: 31354515  
Conc: 17.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



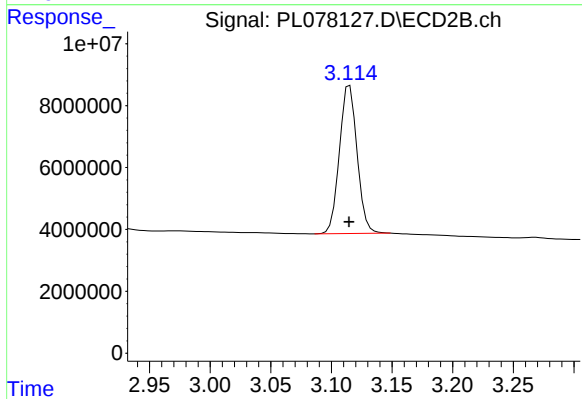
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 62645617  
Conc: 18.62 ng/ml



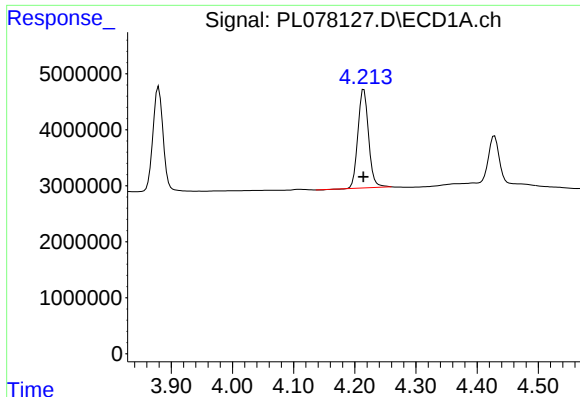
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: 0.001 min  
Response: 21727632  
Conc: 8.64 ng/ml



#2 alpha-BHC

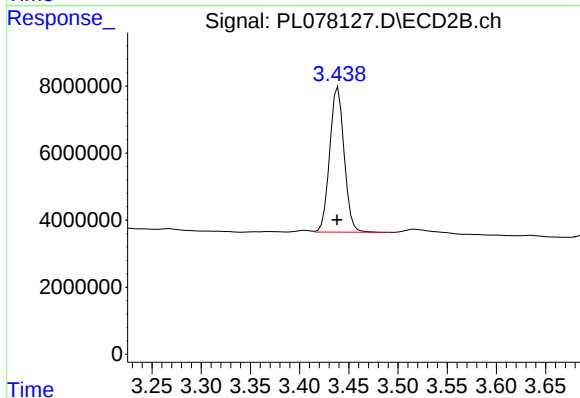
R.T.: 3.115 min  
Delta R.T.: 0.000 min  
Response: 48480678  
Conc: 9.66 ng/ml



#3 gamma-BHC (Lindane)

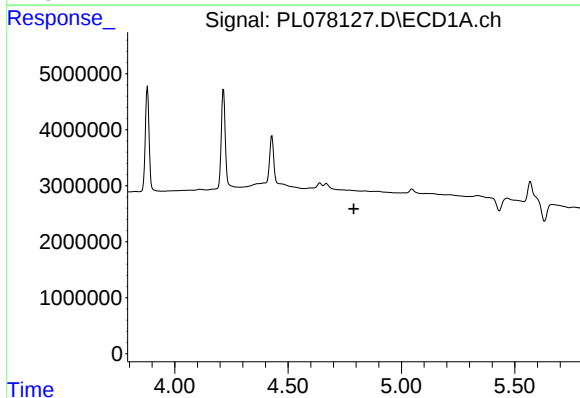
R.T.: 4.215 min  
Delta R.T.: 0.000 min  
Response: 21428570  
Conc: 8.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



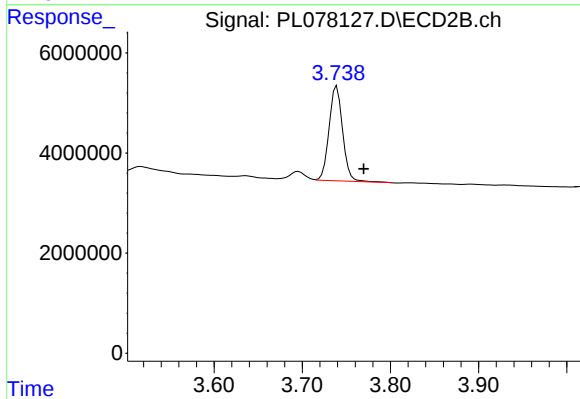
#3 gamma-BHC (Lindane)

R.T.: 3.439 min  
Delta R.T.: 0.001 min  
Response: 44227293  
Conc: 9.66 ng/ml



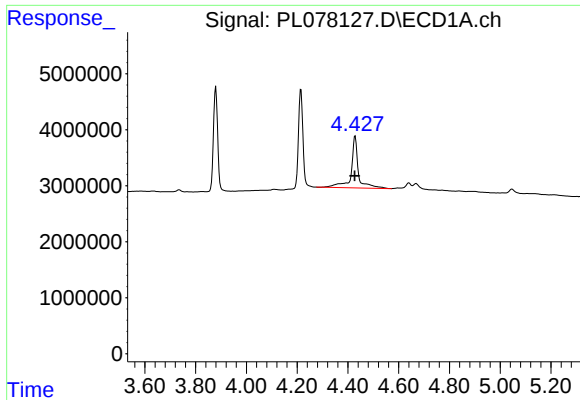
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.789 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

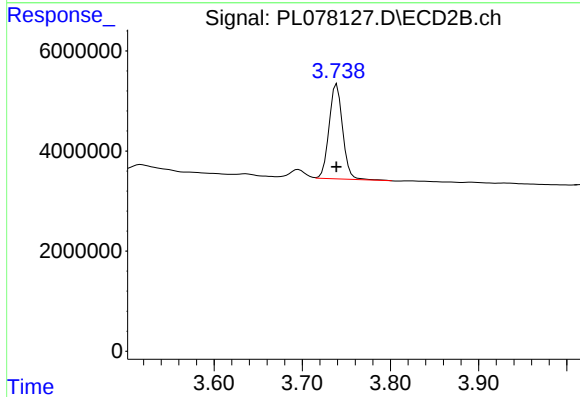
R.T.: 3.739 min  
Delta R.T.: -0.030 min  
Response: 20049481  
Conc: 4.36 ng/ml



#6 beta-BHC

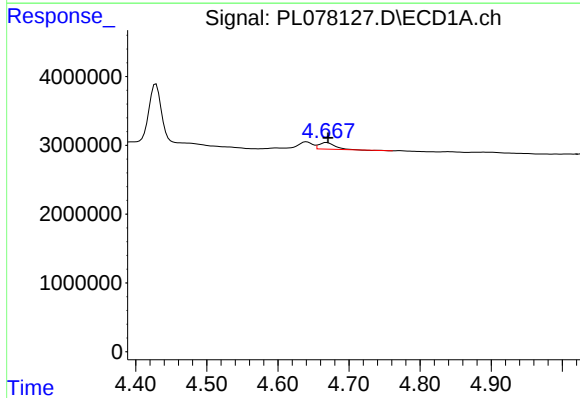
R.T.: 4.428 min  
Delta R.T.: 0.002 min  
Response: 18356976  
Conc: 15.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



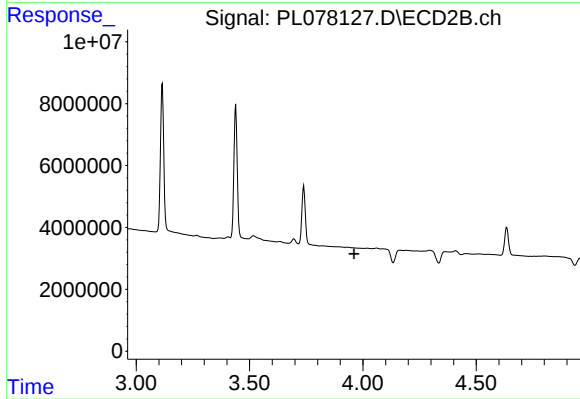
#6 beta-BHC

R.T.: 3.739 min  
Delta R.T.: 0.000 min  
Response: 20049481  
Conc: 10.10 ng/ml



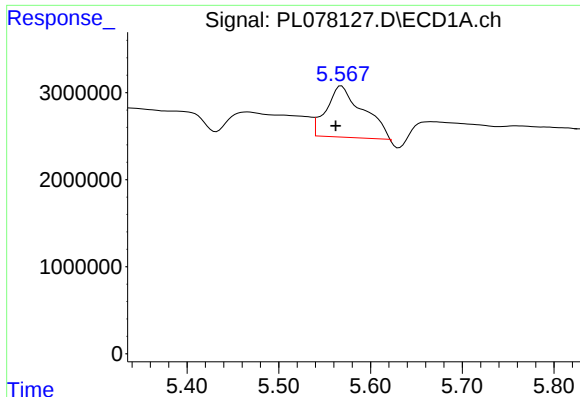
#7 delta-BHC

R.T.: 4.669 min  
Delta R.T.: -0.002 min  
Response: 1493982  
Conc: 0.61 ng/ml



#7 delta-BHC

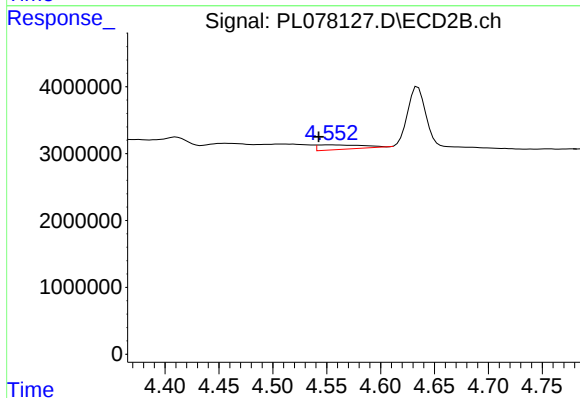
R.T.: 0.000 min  
Exp R.T. : 3.961 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

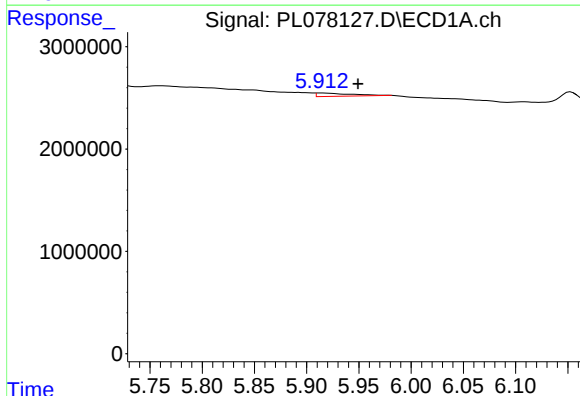
R.T.: 5.568 min  
Delta R.T.: 0.006 min  
Response: 16139262  
Conc: 7.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



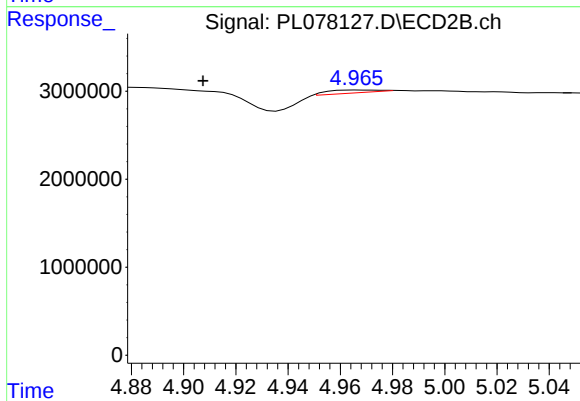
#8 Heptachlor epoxide

R.T.: 4.554 min  
Delta R.T.: 0.012 min  
Response: 2006140  
Conc: 0.51 ng/ml



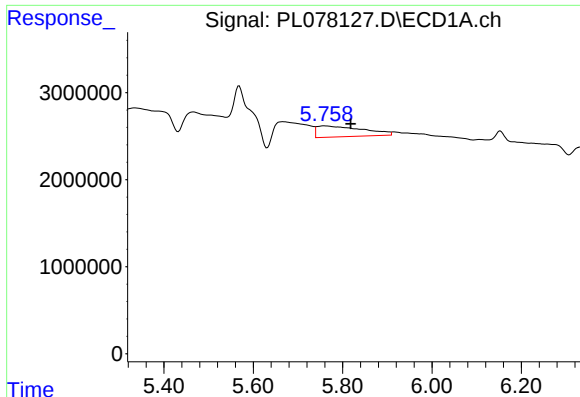
#9 Endosulfan I

R.T.: 5.914 min  
Delta R.T.: -0.035 min  
Response: 776089  
Conc: 0.44 ng/ml



#9 Endosulfan I

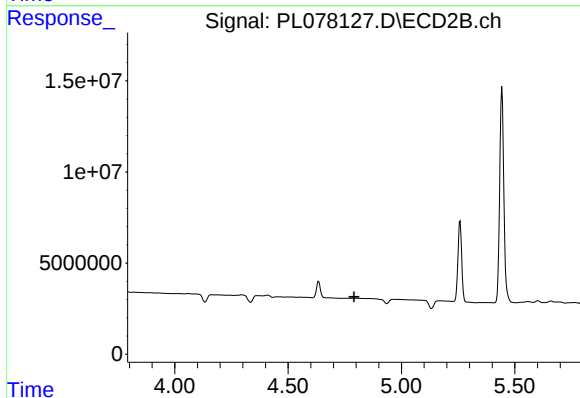
R.T.: 4.967 min  
Delta R.T.: 0.060 min  
Response: 512342  
Conc: 0.14 ng/ml



#10 trans-Chlordane

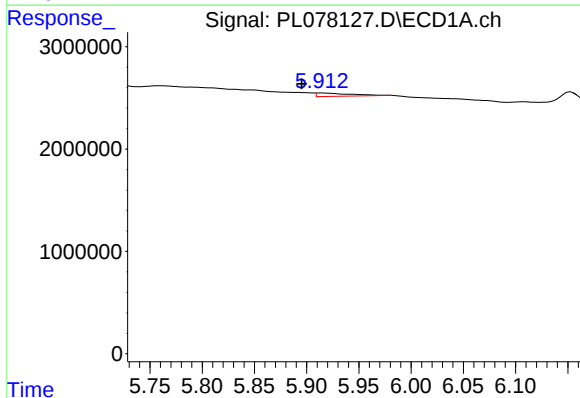
R.T.: 5.759 min  
Delta R.T.: -0.059 min  
Response: 8920788  
Conc: 4.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



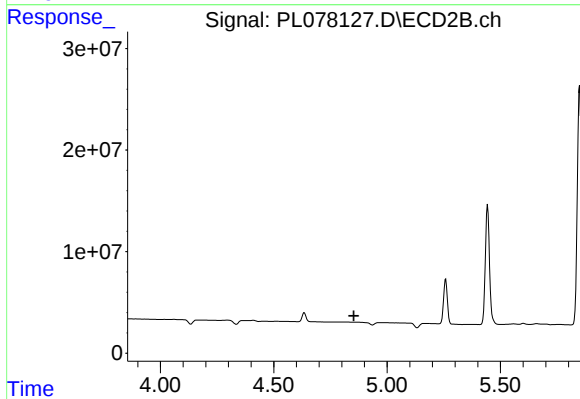
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 4.792 min  
Response: 0  
Conc: N.D.



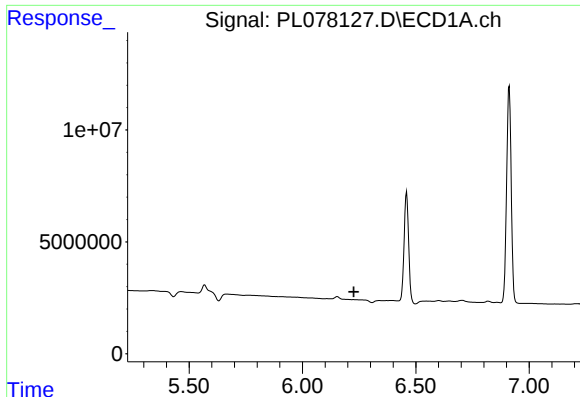
#11 cis-Chlordane

R.T.: 5.914 min  
Delta R.T.: 0.019 min  
Response: 776089  
Conc: 0.41 ng/ml



#11 cis-Chlordane

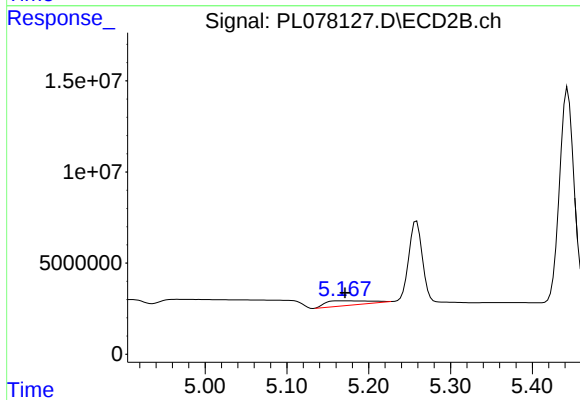
R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

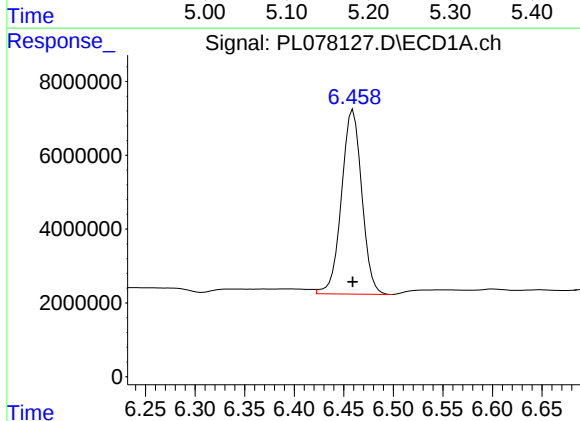
R.T.: 0.000 min  
Exp R.T.: 6.227 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



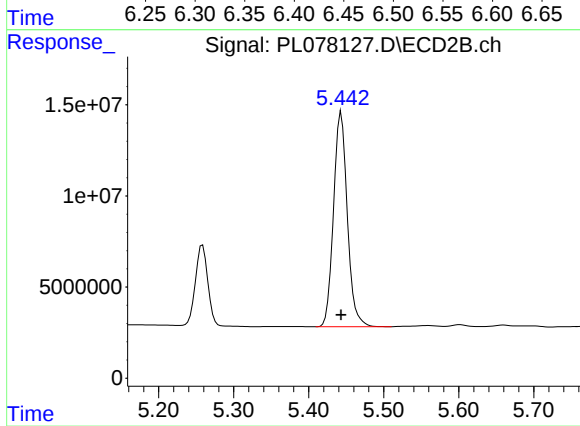
#13 Dieldrin

R.T.: 5.167 min  
Delta R.T.: -0.003 min  
Response: 9504713  
Conc: 2.44 ng/ml



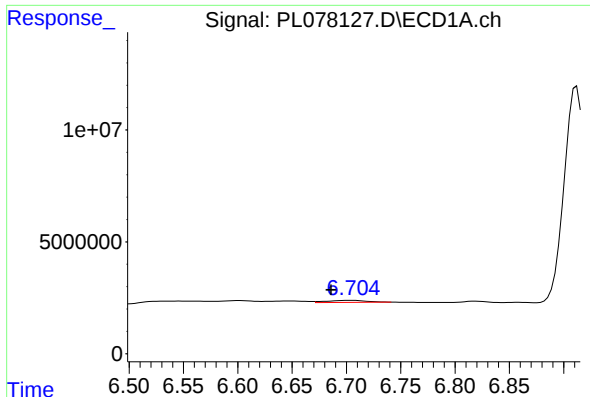
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 71197144  
Conc: 44.15 ng/ml



#14 Endrin

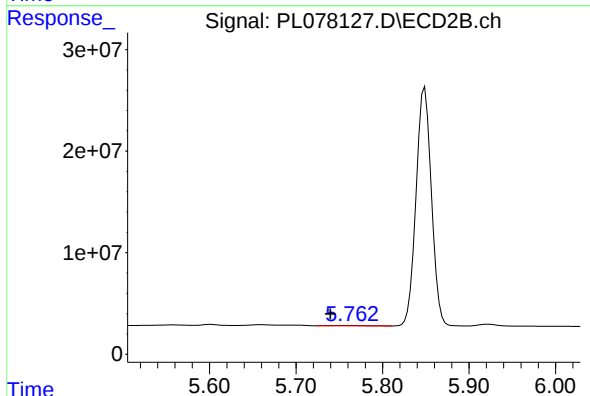
R.T.: 5.443 min  
Delta R.T.: 0.000 min  
Response: 150500873  
Conc: 46.67 ng/ml



#15 Endosulfan II

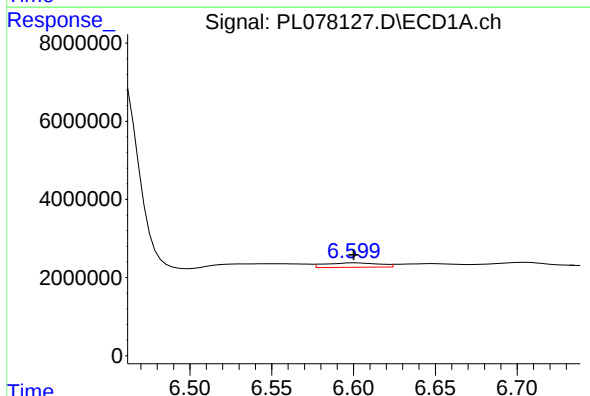
R.T.: 6.705 min  
Delta R.T.: 0.019 min  
Response: 2106909  
Conc: 1.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



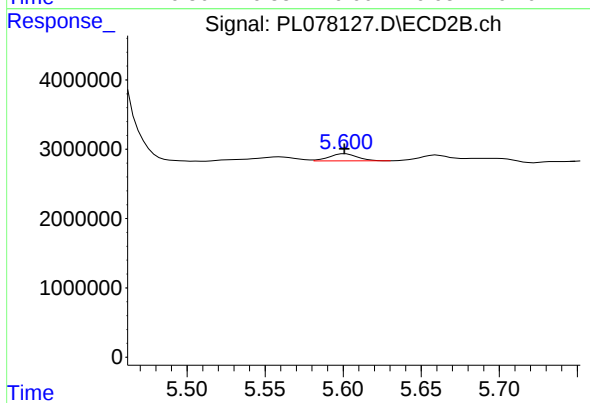
#15 Endosulfan II

R.T.: 5.763 min  
Delta R.T.: 0.023 min  
Response: 784908  
Conc: 0.25 ng/ml



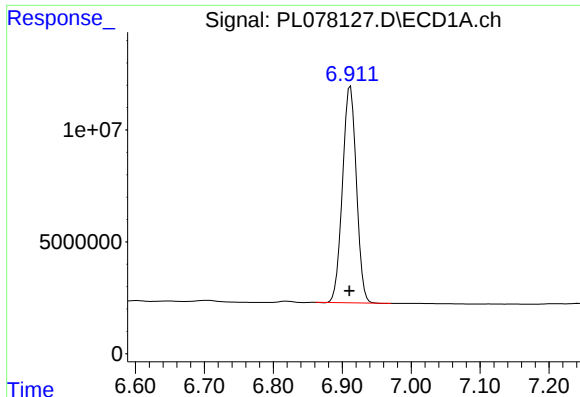
#16 4,4'-DDD

R.T.: 6.601 min  
Delta R.T.: 0.000 min  
Response: 2678174  
Conc: 1.97 ng/ml



#16 4,4'-DDD

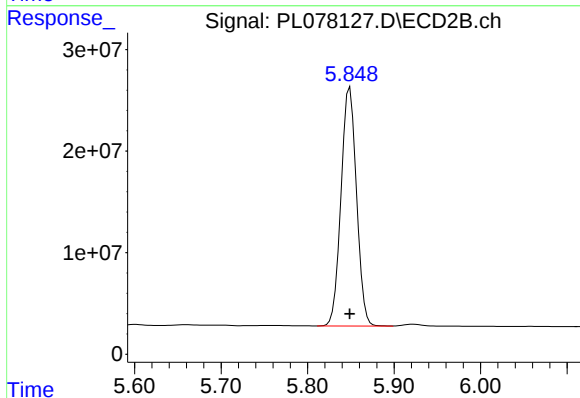
R.T.: 5.601 min  
Delta R.T.: 0.000 min  
Response: 1292350  
Conc: 0.43 ng/ml



#17 4,4'-DDT

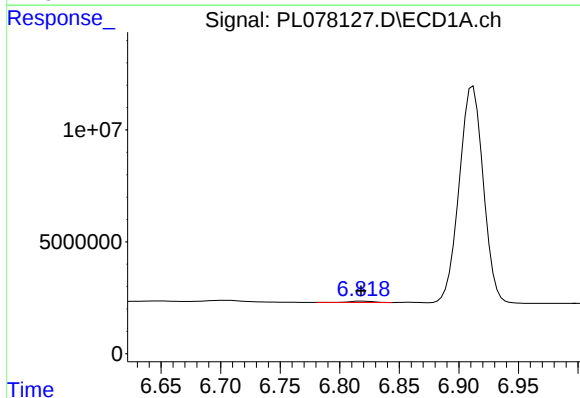
R.T.: 6.912 min  
Delta R.T.: 0.001 min  
Response: 135605568  
Conc: 93.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



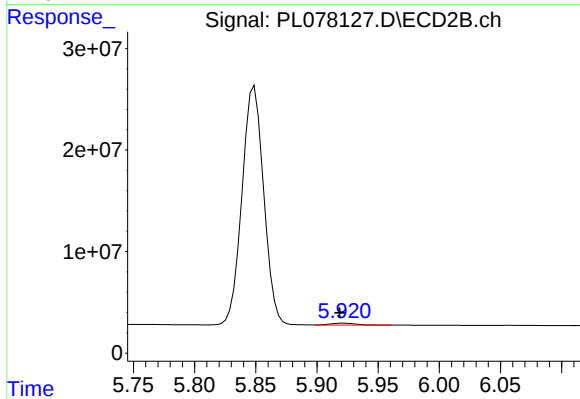
#17 4,4'-DDT

R.T.: 5.849 min  
Delta R.T.: 0.000 min  
Response: 290225865  
Conc: 96.06 ng/ml



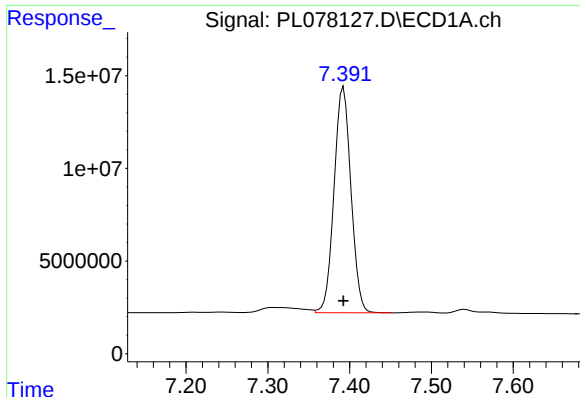
#18 Endrin aldehyde

R.T.: 6.819 min  
Delta R.T.: 0.001 min  
Response: 786965  
Conc: 0.58 ng/ml



#18 Endrin aldehyde

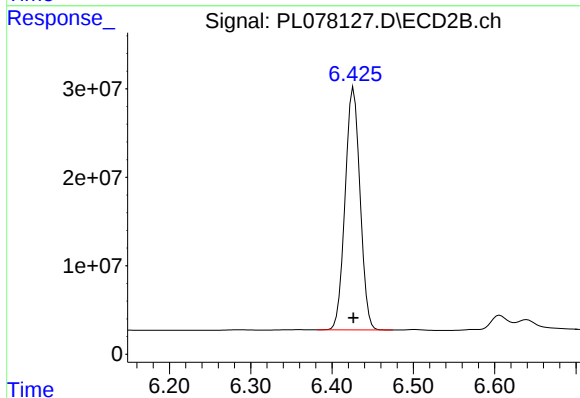
R.T.: 5.922 min  
Delta R.T.: 0.003 min  
Response: 2664960  
Conc: 1.03 ng/ml



#20 Methoxychlor

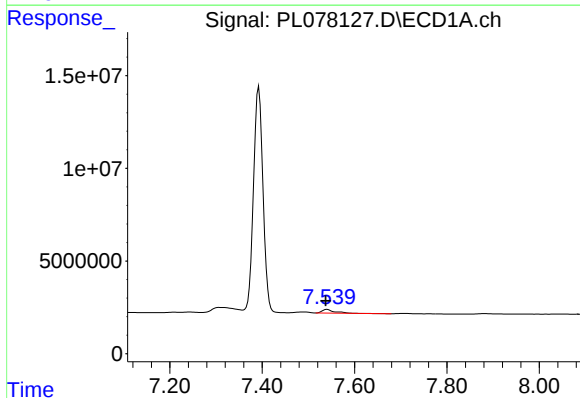
R.T.: 7.393 min  
Delta R.T.: 0.000 min  
Response: 174788355  
Conc: 233.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



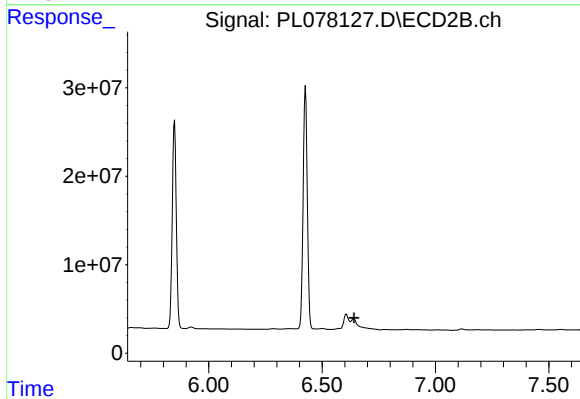
#20 Methoxychlor

R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 348670876  
Conc: 234.28 ng/ml



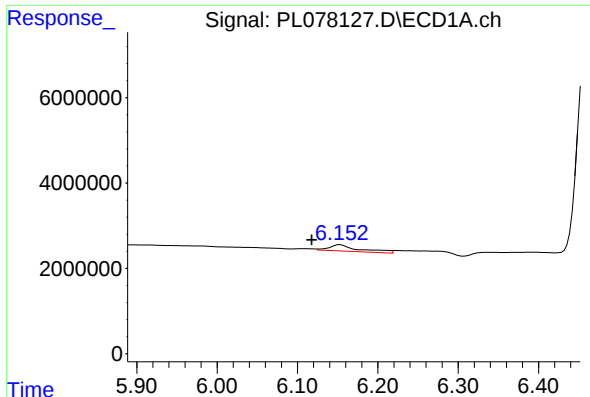
#21 Endrin ketone

R.T.: 7.540 min  
Delta R.T.: 0.002 min  
Response: 4014591  
Conc: 2.50 ng/ml



#21 Endrin ketone

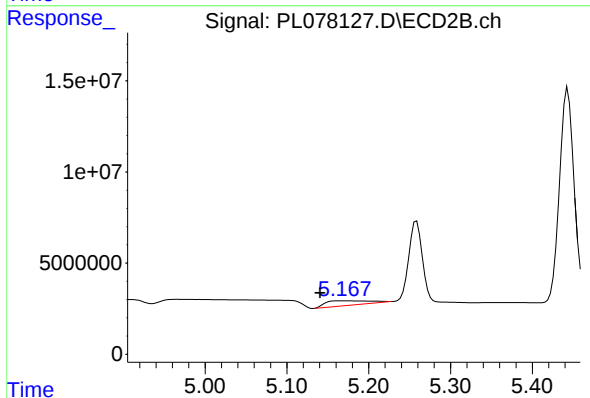
R.T.: 6.640 min  
Delta R.T.: -0.002 min  
Response: -12265446  
Conc: N.D.



#22 Toxaphene-1

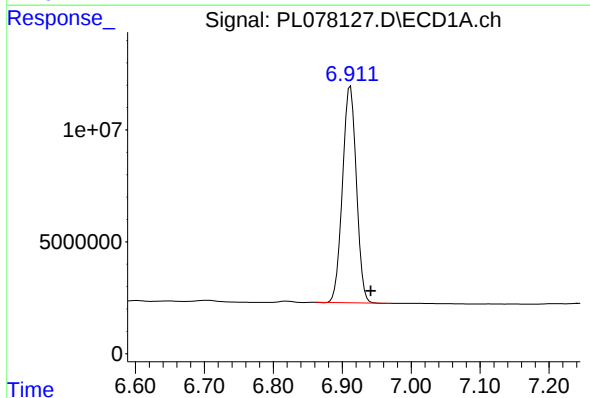
R.T.: 6.153 min  
Delta R.T.: 0.035 min  
Response: 4012397  
Conc: 286.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



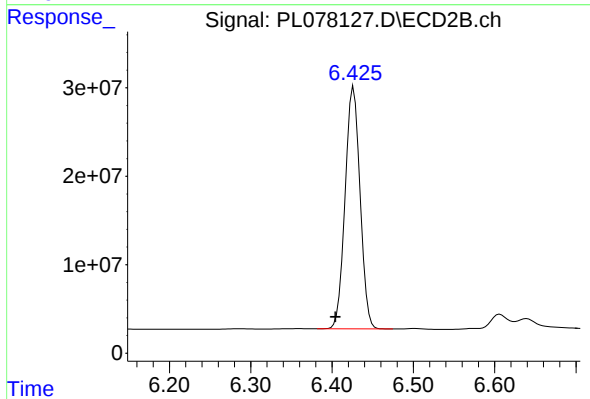
#22 Toxaphene-1

R.T.: 5.167 min  
Delta R.T.: 0.027 min  
Response: 9504713  
Conc: 587.68 ng/ml



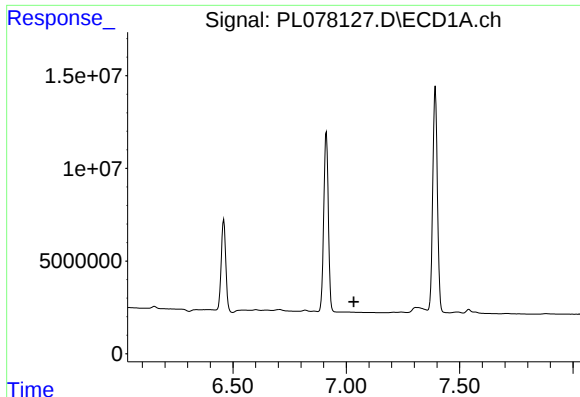
#23 Toxaphene-2

R.T.: 6.912 min  
Delta R.T.: -0.029 min  
Response: 135605568  
Conc: 3316.04 ng/ml



#23 Toxaphene-2

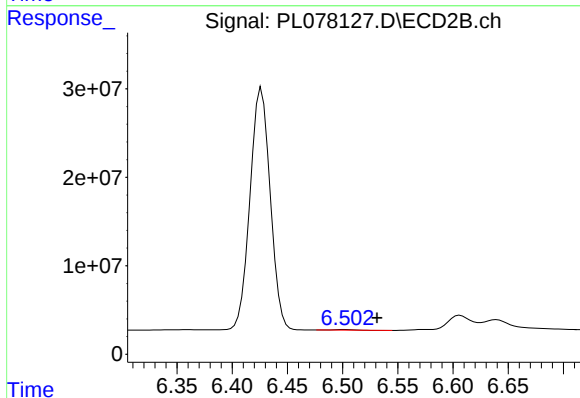
R.T.: 6.427 min  
Delta R.T.: 0.022 min  
Response: 348670876  
Conc: 5184.96 ng/ml



#24 Toxaphene-3

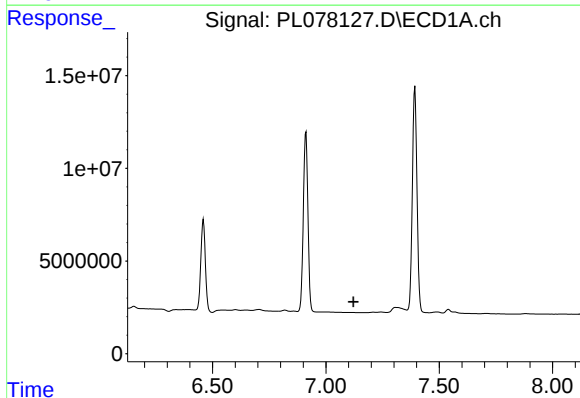
R.T.: 0.000 min  
Exp R.T.: 7.033 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



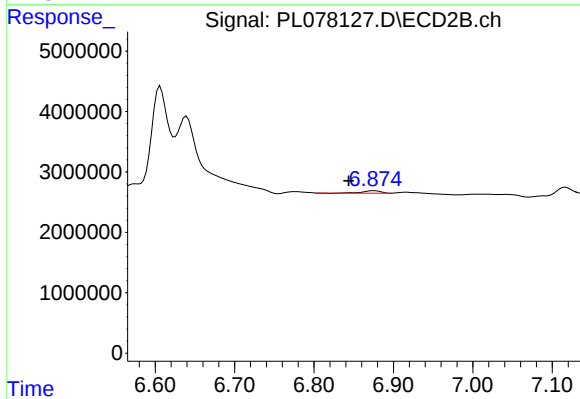
#24 Toxaphene-3

R.T.: 6.502 min  
Delta R.T.: -0.029 min  
Response: 880393  
Conc: 9.67 ng/ml



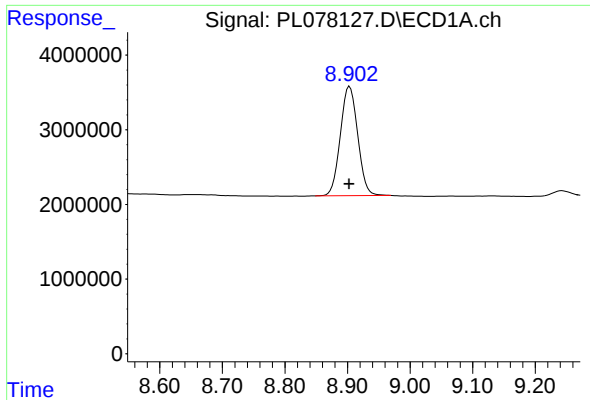
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 7.122 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

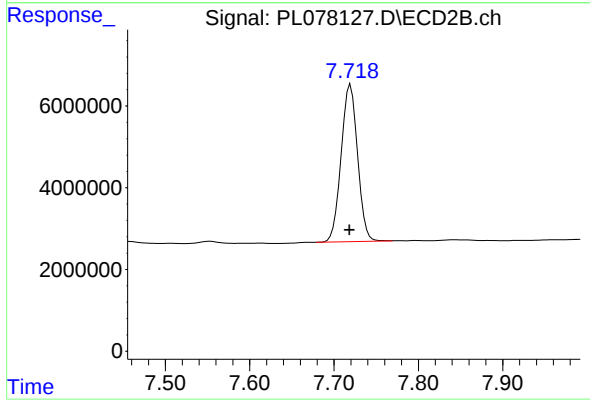
R.T.: 6.875 min  
Delta R.T.: 0.032 min  
Response: 622465  
Conc: 11.35 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.903 min  
Delta R.T.: 0.001 min  
Response: 28326936  
Conc: 18.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM213



#27 Decachlorobiphenyl

R.T.: 7.720 min  
Delta R.T.: 0.001 min  
Response: 51962796  
Conc: 19.19 ng/ml