

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012621\  
 Data File : PL064427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jan 2021 12:16  
 Operator : AR\AJ  
 Sample : M1235-01 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-SF-SAMPLE-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 04:16:24 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 18 13:25:12 2021  
 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... | 3.434  | 4.108  | 12986591 | 9636595  | 4.331  | 3.770    |
| 28)                         | SA Decachlor... | 8.169  | 9.269  | 12494310 | 12510864 | 4.094  | 5.271 #  |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.152  | 4.786  | 4591161  | 1655253  | 0.990  | 0.470 #  |
| 4)                          | MA Heptachlor   | 4.447  | 5.314  | 5595903  | 9257301  | 1.277  | 2.577 #  |
| 5)                          | MB Aldrin       | 4.694  | 5.625  | 25518965 | 17947864 | 6.369  | 5.783    |
| 7)                          | B delta-BHC     | 4.598  | 0.000  | 2803137  | 0        | 0.605  | N.D. #   |
| 8)                          | B Heptachlo...  | 0.000  | 6.006  | 0        | 6587719  | N.D.   | 2.529 #  |
| 9)                          | A Endosulfan I  | 5.490f | 0.000  | 12675134 | 0        | 3.588  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.361  | 6.254  | 39631648 | 36595776 | 10.231 | 12.179   |
| 11)                         | B alpha-Chl...  | 5.418  | 6.328  | 32275919 | 41969414 | 8.435  | 13.787 # |
| 12)                         | B 4,4'-DDE      | 5.585  | 6.484  | 6667513  | 5782794  | 1.893  | 2.171    |
| 13)                         | MA Dieldrin     | 5.712  | 6.642  | 29427014 | 13616134 | 7.911  | 4.842 #  |
| 14)                         | MA Endrin       | 5.968  | 0.000  | 3359622  | 0        | 0.968  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.247  | 0.000  | 10766355 | 0        | 3.176  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.099  | 6.985  | 312405   | 5244378  | 0.107  | 2.366 #  |
| 17)                         | MA 4,4'-DDT     | 6.336  | 7.255f | 3629982  | 781320   | 1.216  | 0.345 #  |
| 20)                         | A Methoxychlor  | 6.914f | 0.000  | 9608066  | 0        | 5.749  | N.D. #   |
| 22)                         | Mirex           | 7.282  | 8.367  | -1076754 | 2424553  | N.D.   | 1.195    |
| 23)                         | Chlordane-1     | 4.297  | 5.122  | 8530838  | 6160441  | 73.253 | 55.162   |
| 24)                         | Chlordane-2     | 4.795  | 5.599  | 11503122 | 6006934  | 81.734 | 47.381 # |
| 25)                         | Chlordane-3     | 5.361  | 6.254  | 39631648 | 36595776 | 99.189 | 90.508   |
| 26)                         | Chlordane-4     | 5.418  | 6.328  | 32275919 | 41969414 | 98.094 | 84.909   |
| 27)                         | Chlordane-5     | 6.247  | 7.148  | 10766355 | 2367905  | 76.830 | 31.002 # |
| -----                       |                 |        |        |          |          |        |          |

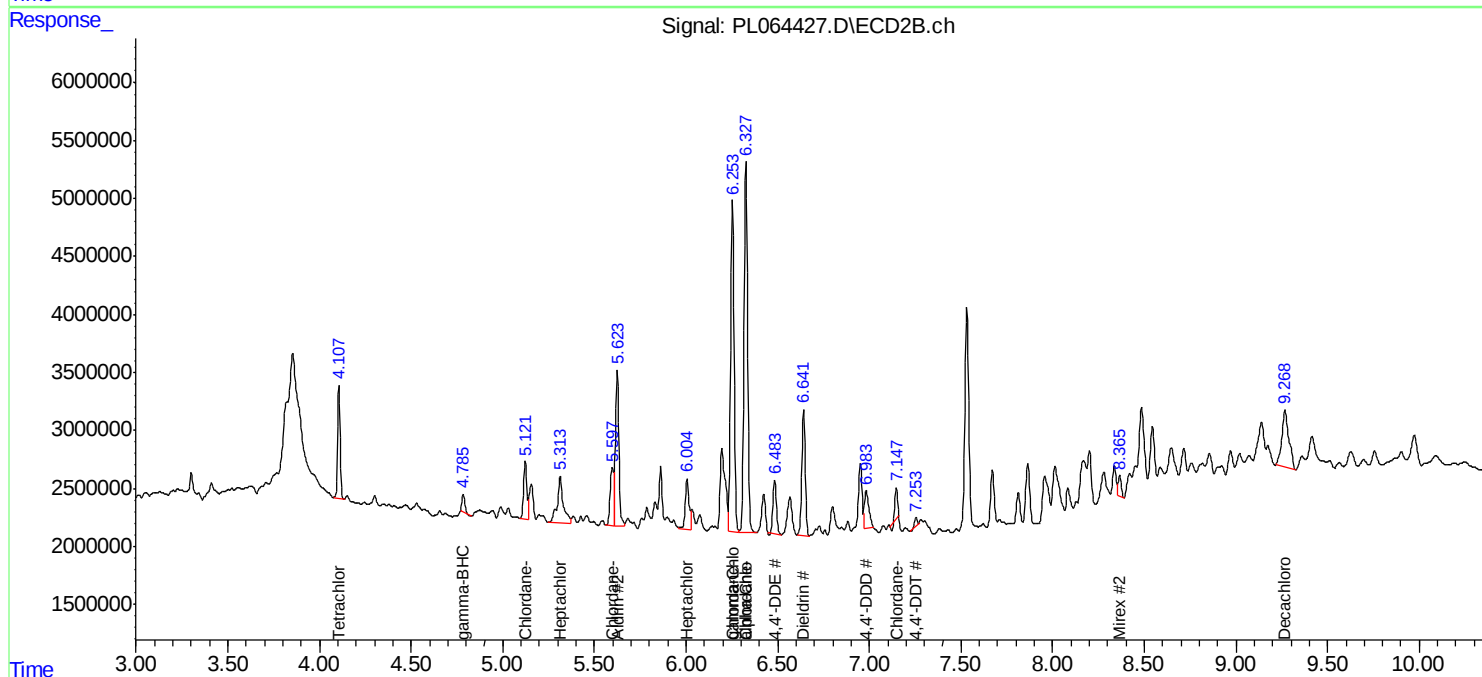
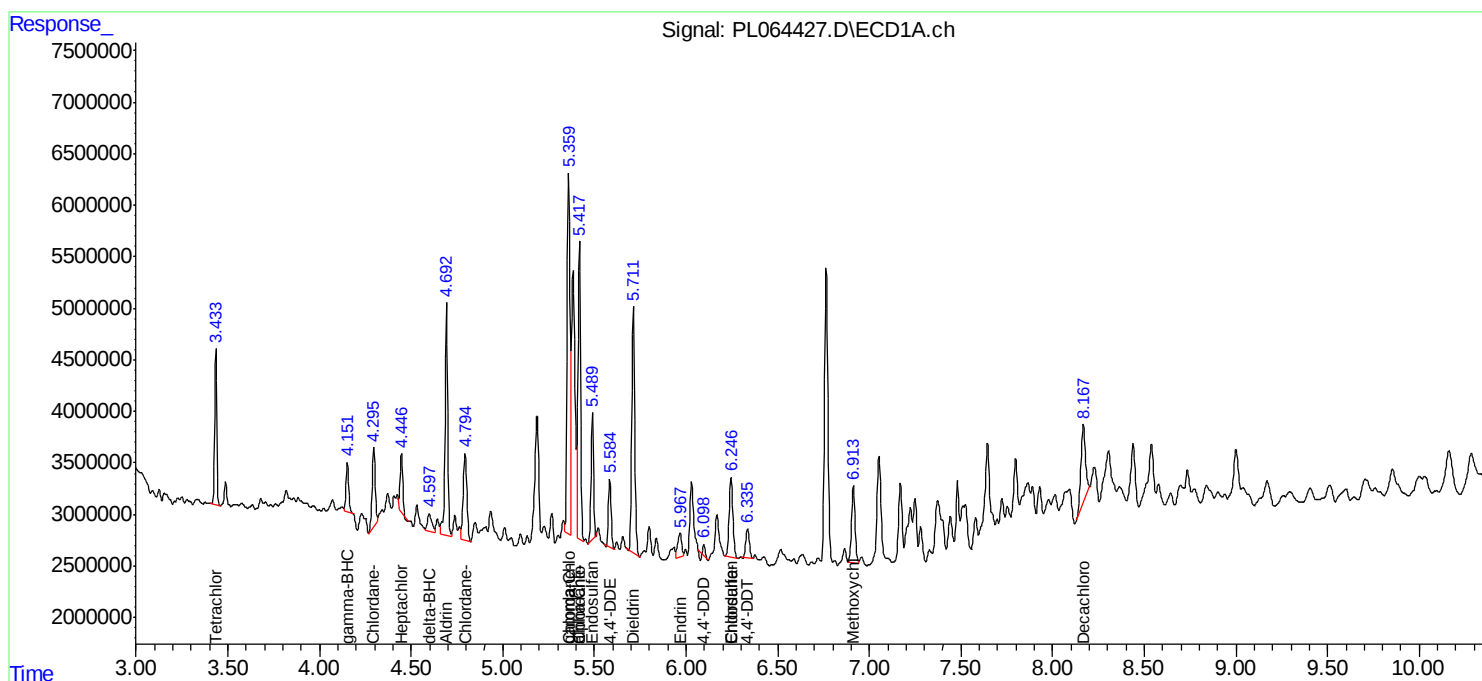
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

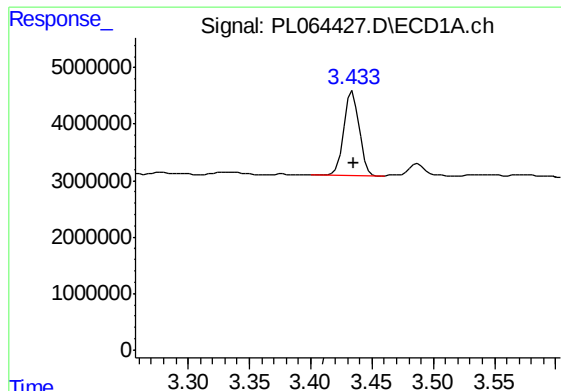
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012621\  
Data File : PL064427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jan 2021 12:16  
Operator : AR\AJ  
Sample : M1235-01 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
FK-SF-SAMPLE-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 04:16:24 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 18 13:25:12 2021  
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

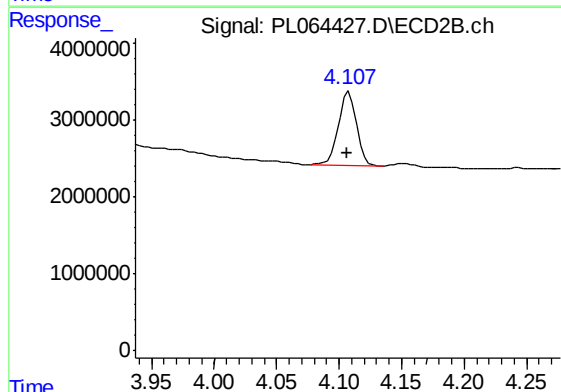




#1 Tetrachloro-m-xylene

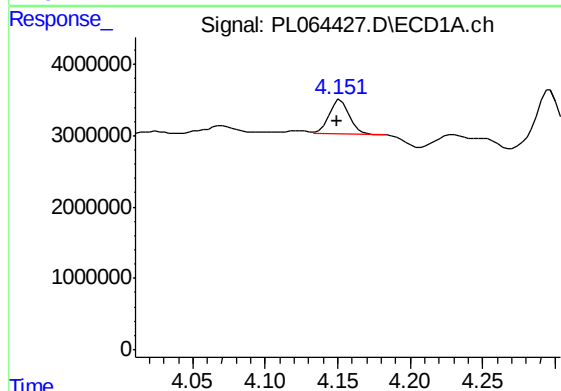
R.T.: 3.434 min  
Delta R.T.: 0.000 min  
Response: 12986591  
Conc: 4.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



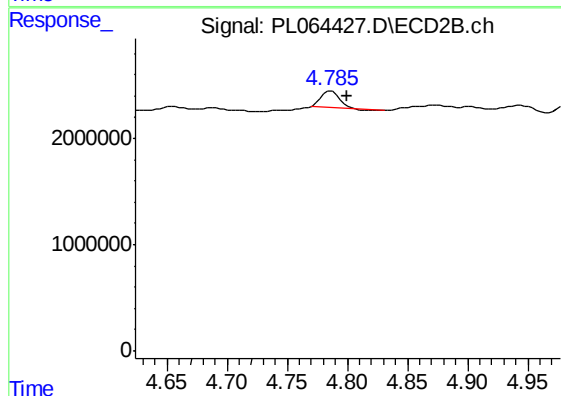
#1 Tetrachloro-m-xylene

R.T.: 4.108 min  
Delta R.T.: 0.002 min  
Response: 9636595  
Conc: 3.77 ng/ml



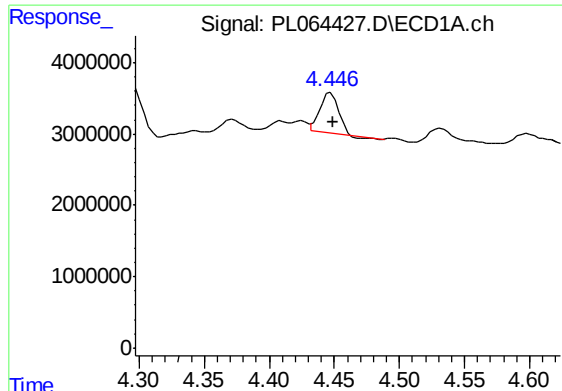
#3 gamma-BHC (Lindane)

R.T.: 4.152 min  
Delta R.T.: 0.003 min  
Response: 4591161  
Conc: 0.99 ng/ml



#3 gamma-BHC (Lindane)

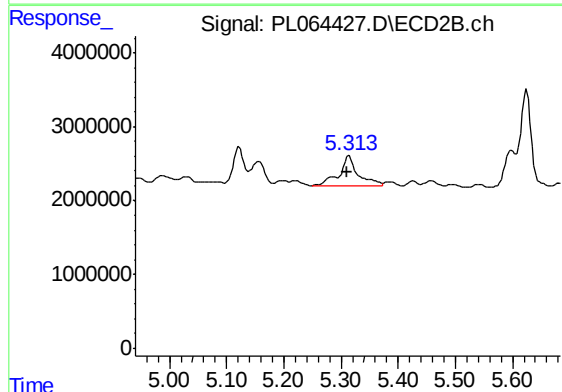
R.T.: 4.786 min  
Delta R.T.: -0.013 min  
Response: 1655253  
Conc: 0.47 ng/ml



#4 Heptachlor

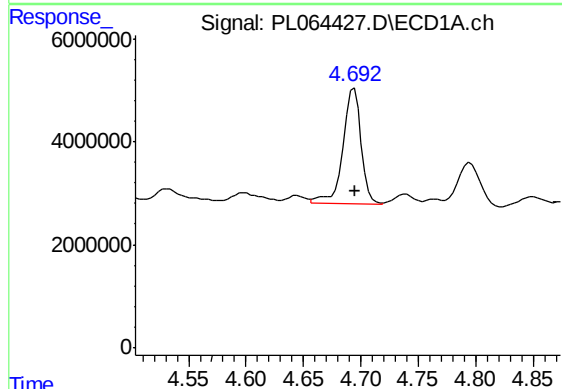
R.T.: 4.447 min  
Delta R.T.: -0.002 min  
Response: 5595903  
Conc: 1.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



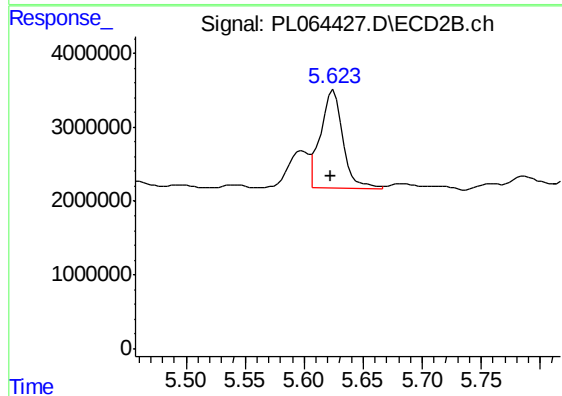
#4 Heptachlor

R.T.: 5.314 min  
Delta R.T.: 0.002 min  
Response: 9257301  
Conc: 2.58 ng/ml



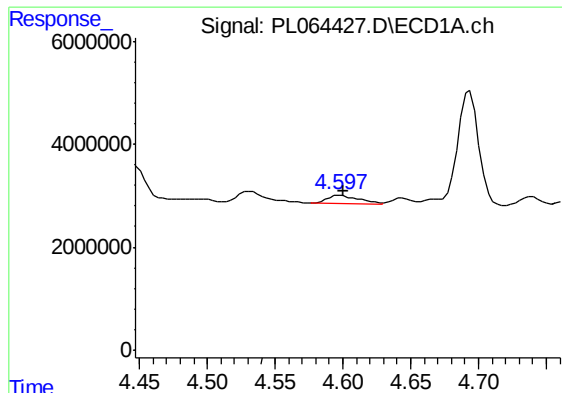
#5 Aldrin

R.T.: 4.694 min  
Delta R.T.: -0.001 min  
Response: 25518965  
Conc: 6.37 ng/ml



#5 Aldrin

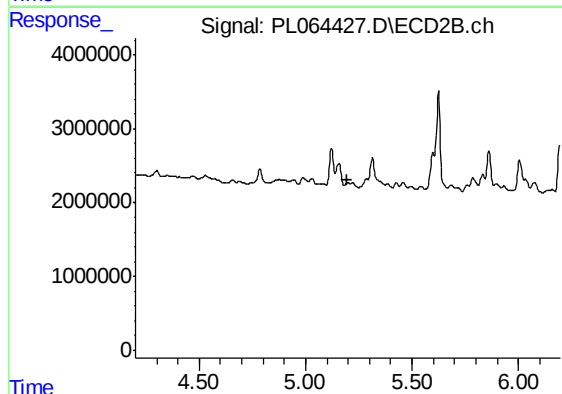
R.T.: 5.625 min  
Delta R.T.: 0.002 min  
Response: 17947864  
Conc: 5.78 ng/ml



#7 delta-BHC

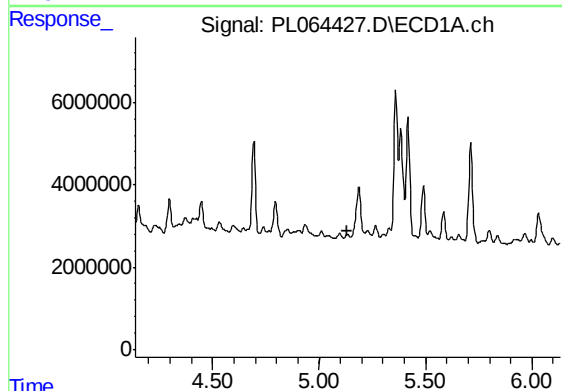
R.T.: 4.598 min  
Delta R.T.: -0.003 min  
Response: 2803137  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



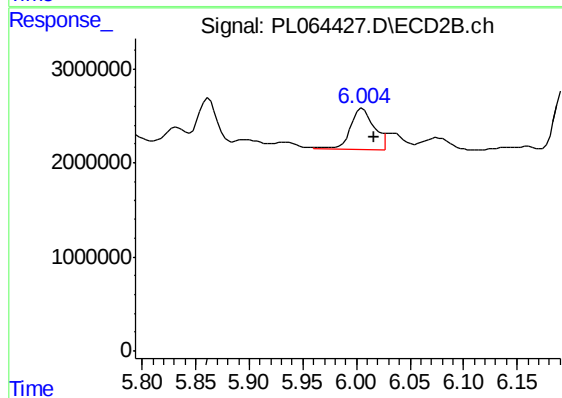
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.197 min  
Response: 0  
Conc: N.D.



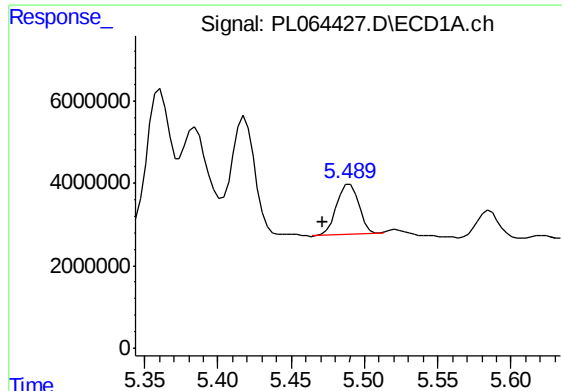
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.135 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

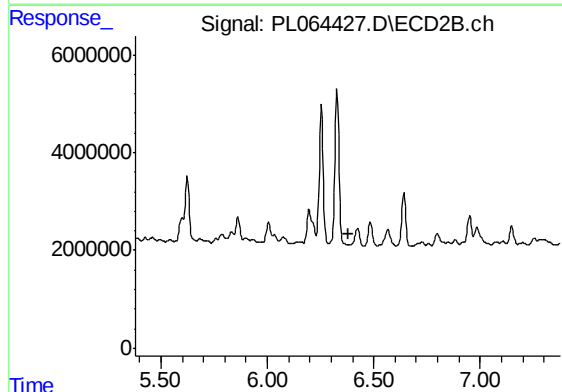
R.T.: 6.006 min  
Delta R.T.: -0.011 min  
Response: 6587719  
Conc: 2.53 ng/ml



#9 Endosulfan I

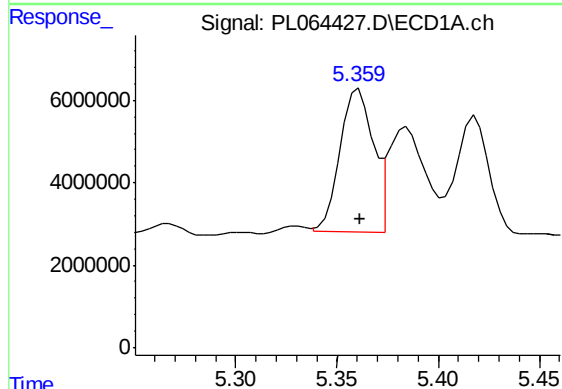
R.T.: 5.490 min  
Delta R.T.: 0.018 min  
Response: 12675134  
Conc: 3.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



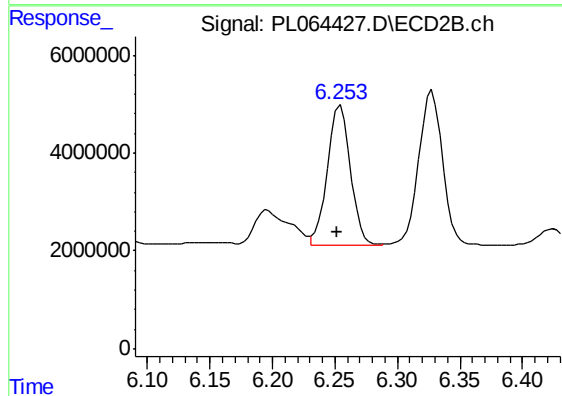
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.379 min  
Response: 0  
Conc: N.D.



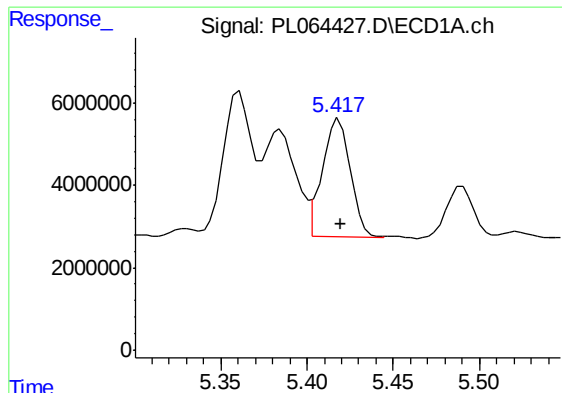
#10 gamma-Chlordane

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 39631648  
Conc: 10.23 ng/ml



#10 gamma-Chlordane

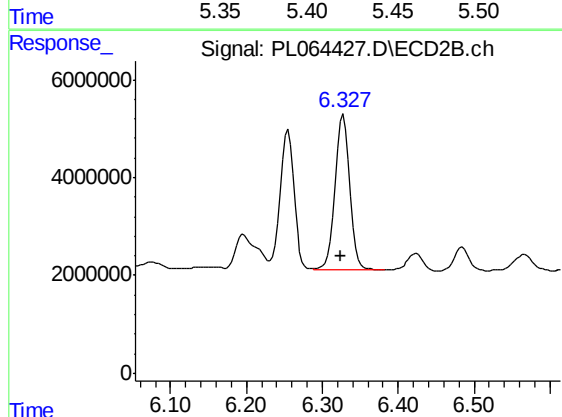
R.T.: 6.254 min  
Delta R.T.: 0.003 min  
Response: 36595776  
Conc: 12.18 ng/ml



#11 alpha-Chlordane

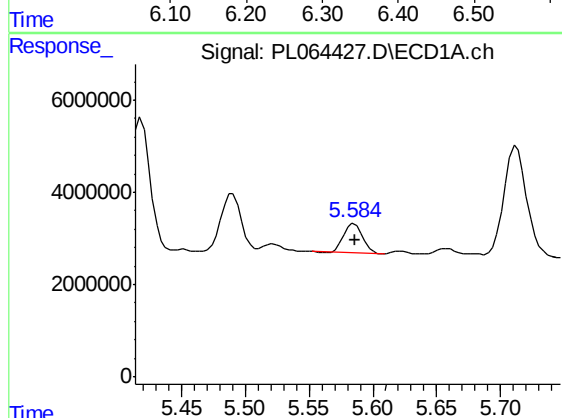
R.T.: 5.418 min  
Delta R.T.: -0.001 min  
Response: 32275919  
Conc: 8.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



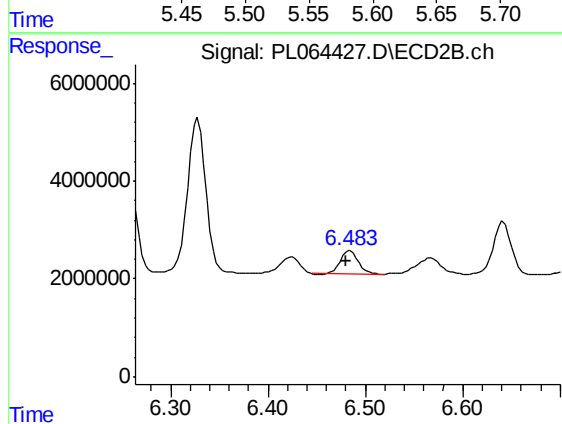
#11 alpha-Chlordane

R.T.: 6.328 min  
Delta R.T.: 0.003 min  
Response: 41969414  
Conc: 13.79 ng/ml



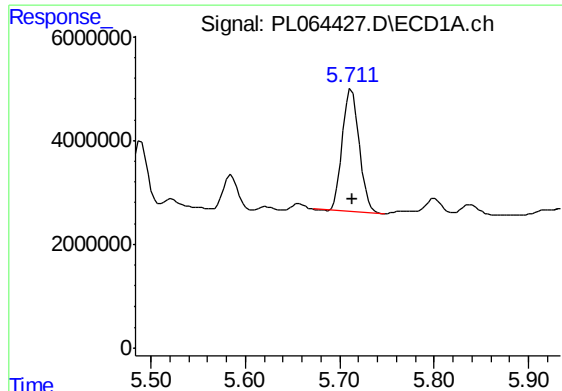
#12 4,4'-DDE

R.T.: 5.585 min  
Delta R.T.: 0.000 min  
Response: 6667513  
Conc: 1.89 ng/ml



#12 4,4'-DDE

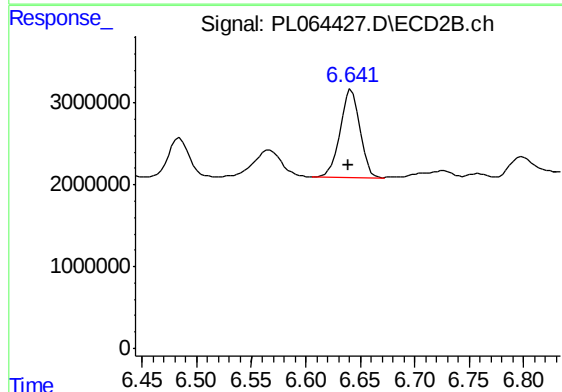
R.T.: 6.484 min  
Delta R.T.: 0.004 min  
Response: 5782794  
Conc: 2.17 ng/ml



#13 Dieldrin

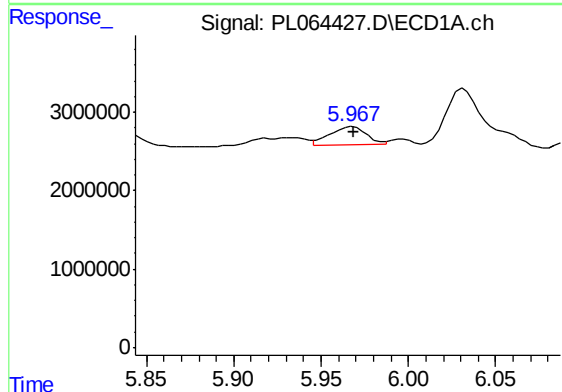
R.T.: 5.712 min  
Delta R.T.: -0.001 min  
Response: 29427014  
Conc: 7.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



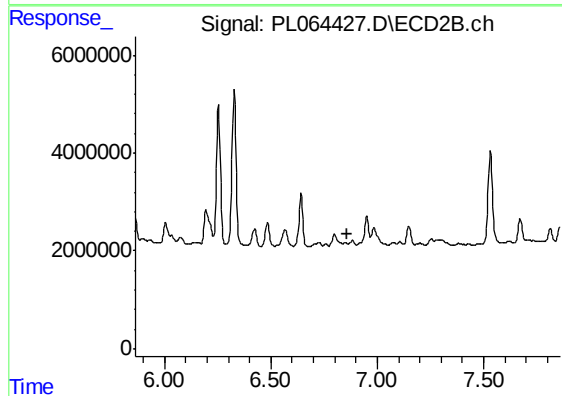
#13 Dieldrin

R.T.: 6.642 min  
Delta R.T.: 0.003 min  
Response: 13616134  
Conc: 4.84 ng/ml



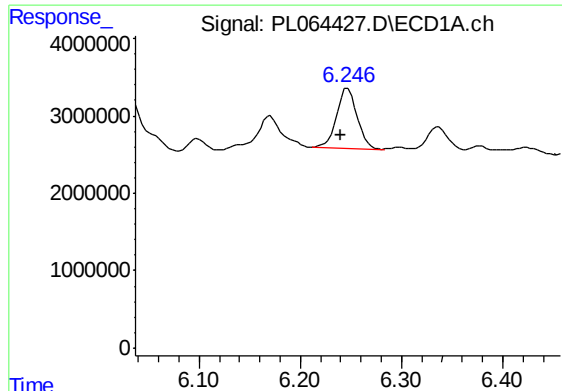
#14 Endrin

R.T.: 5.968 min  
Delta R.T.: 0.000 min  
Response: 3359622  
Conc: 0.97 ng/ml



#14 Endrin

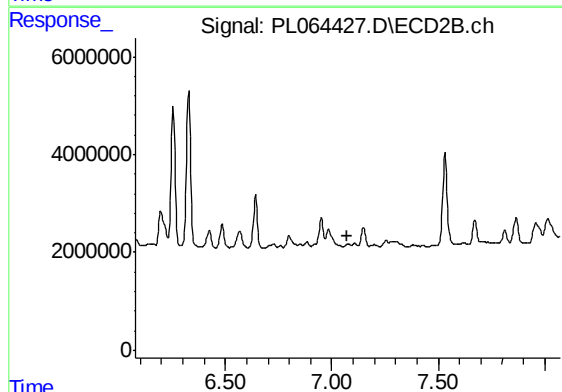
R.T.: 0.000 min  
Exp R.T. : 6.861 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

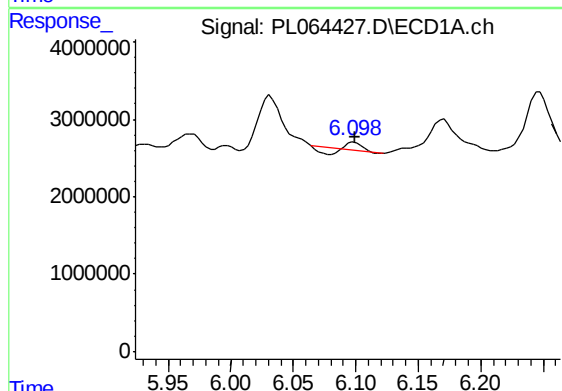
R.T.: 6.247 min  
Delta R.T.: 0.006 min  
Response: 10766355  
Conc: 3.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



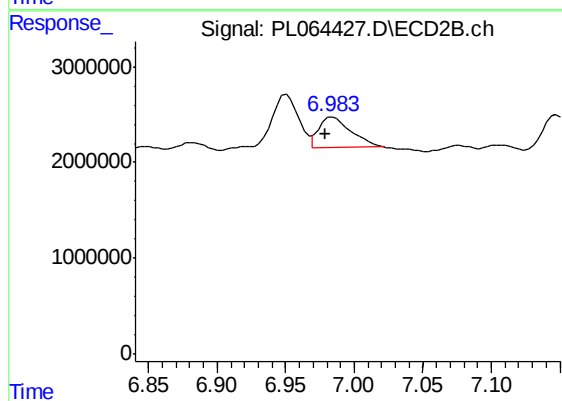
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 7.074 min  
Response: 0  
Conc: N.D.



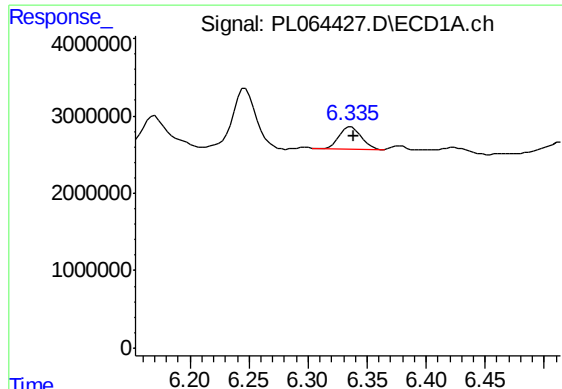
#16 4,4'-DDD

R.T.: 6.099 min  
Delta R.T.: 0.000 min  
Response: 312405  
Conc: 0.11 ng/ml



#16 4,4'-DDD

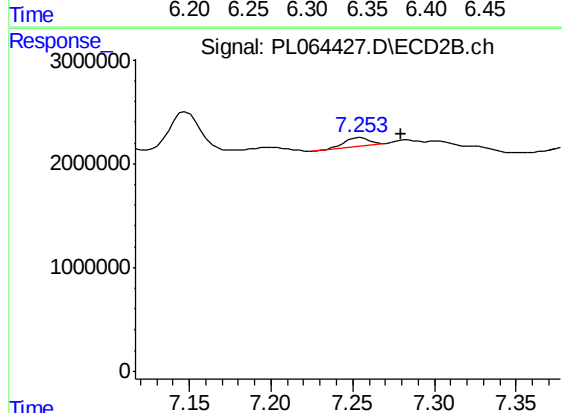
R.T.: 6.985 min  
Delta R.T.: 0.006 min  
Response: 5244378  
Conc: 2.37 ng/ml



#17 4,4'-DDT

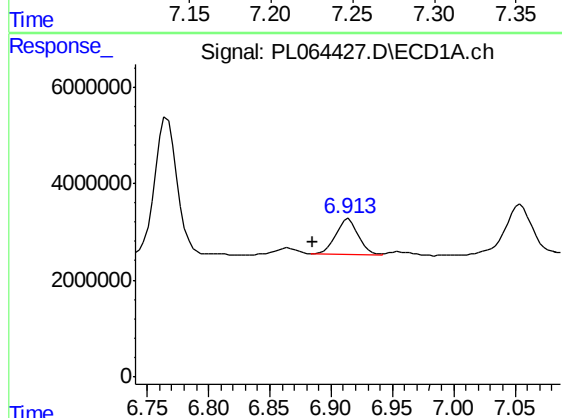
R.T.: 6.336 min  
Delta R.T.: -0.002 min  
Response: 3629982  
Conc: 1.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



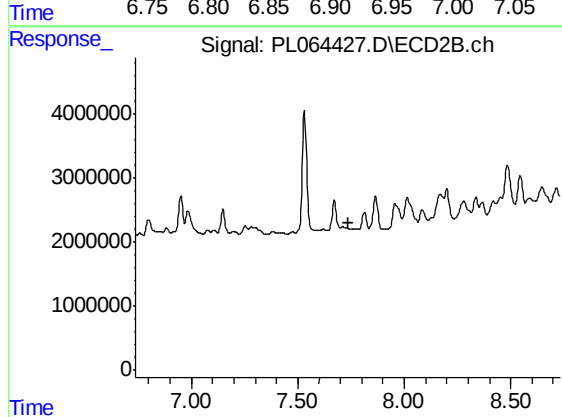
#17 4,4'-DDT

R.T.: 7.255 min  
Delta R.T.: -0.025 min  
Response: 781320  
Conc: 0.34 ng/ml



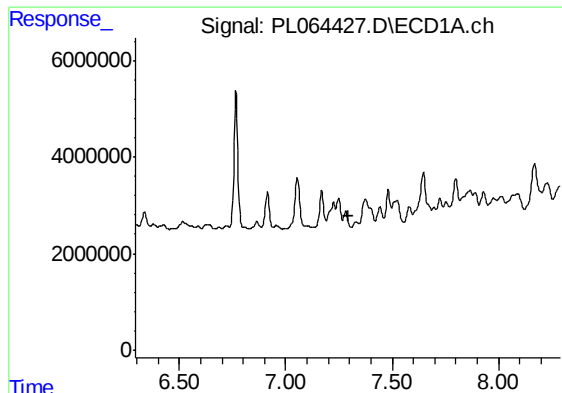
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: 0.030 min  
Response: 9608066  
Conc: 5.75 ng/ml



#20 Methoxychlor

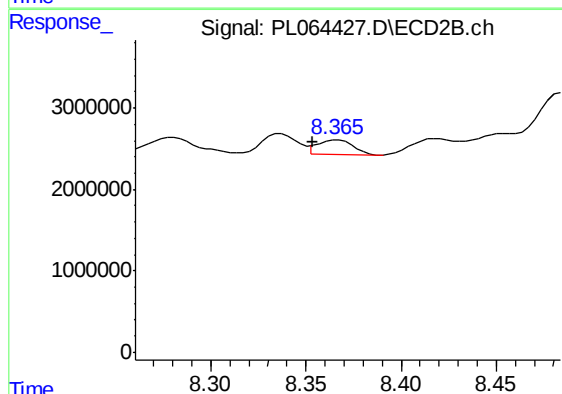
R.T.: 0.000 min  
Exp R.T. : 7.737 min  
Response: 0  
Conc: N.D.



#22 Mirex

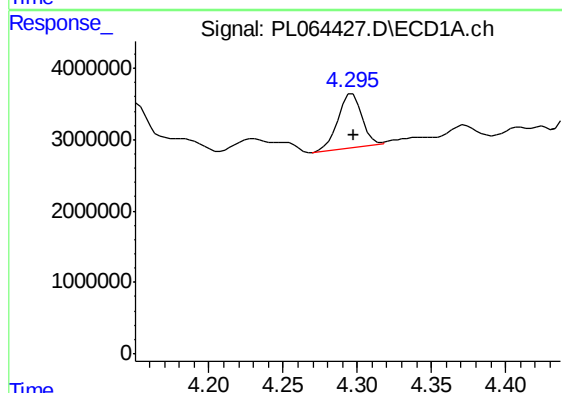
R.T.: 7.282 min  
Delta R.T.: -0.012 min  
Response: -1076754  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



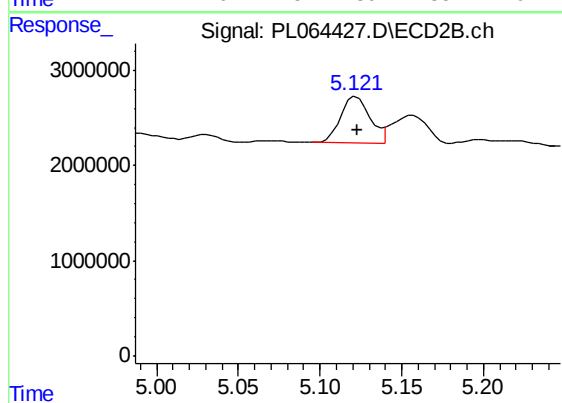
#22 Mirex

R.T.: 8.367 min  
Delta R.T.: 0.013 min  
Response: 2424553  
Conc: 1.20 ng/ml



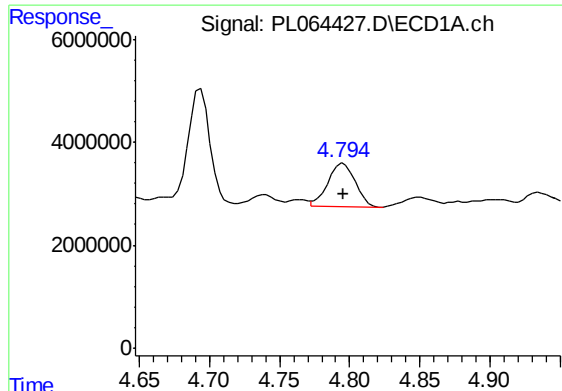
#23 Chlordane-1

R.T.: 4.297 min  
Delta R.T.: -0.001 min  
Response: 8530838  
Conc: 73.25 ng/ml



#23 Chlordane-1

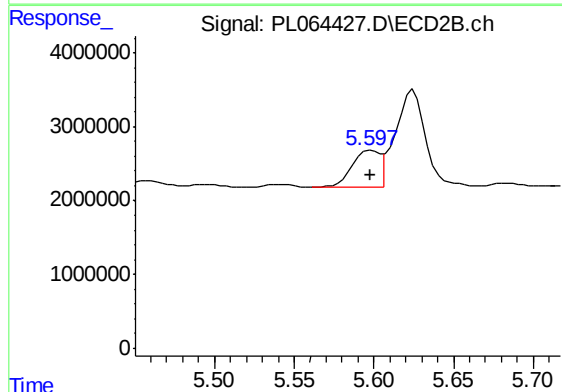
R.T.: 5.122 min  
Delta R.T.: 0.000 min  
Response: 6160441  
Conc: 55.16 ng/ml



#24 Chlordane-2

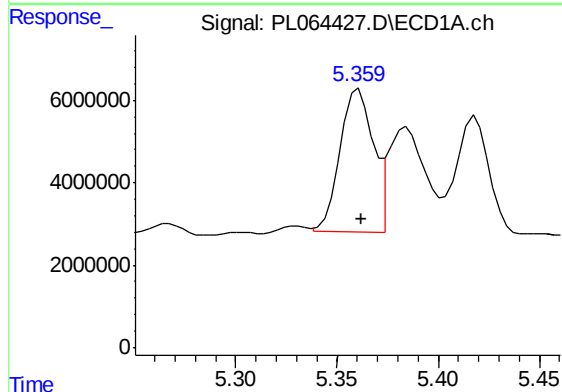
R.T.: 4.795 min  
Delta R.T.: 0.000 min  
Response: 11503122  
Conc: 81.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



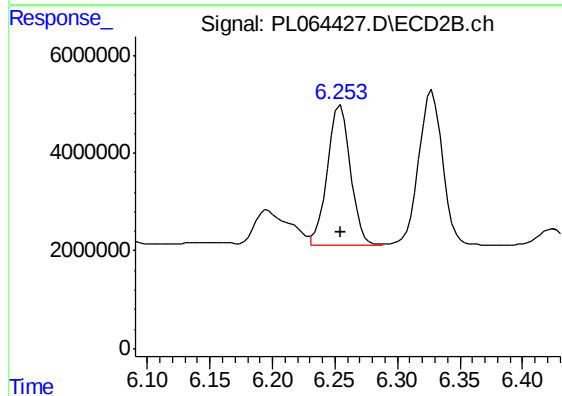
#24 Chlordane-2

R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 6006934  
Conc: 47.38 ng/ml



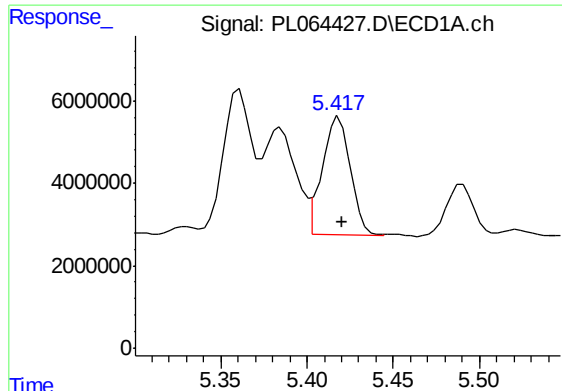
#25 Chlordane-3

R.T.: 5.361 min  
Delta R.T.: -0.001 min  
Response: 39631648  
Conc: 99.19 ng/ml



#25 Chlordane-3

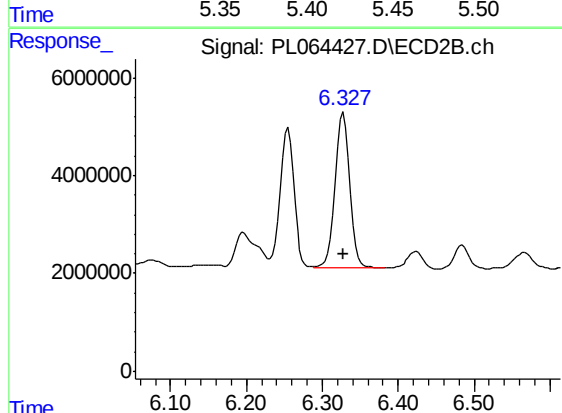
R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 36595776  
Conc: 90.51 ng/ml



#26 Chlordane-4

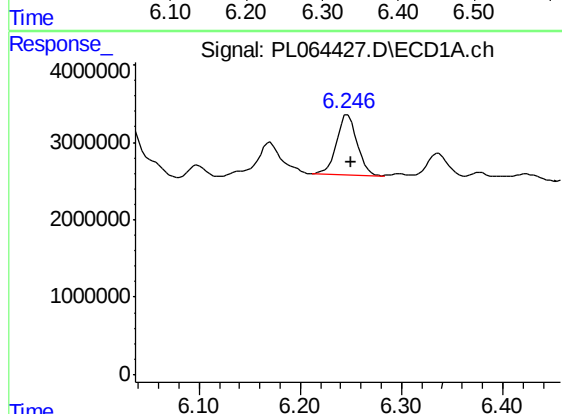
R.T.: 5.418 min  
Delta R.T.: -0.002 min  
Response: 32275919  
Conc: 98.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



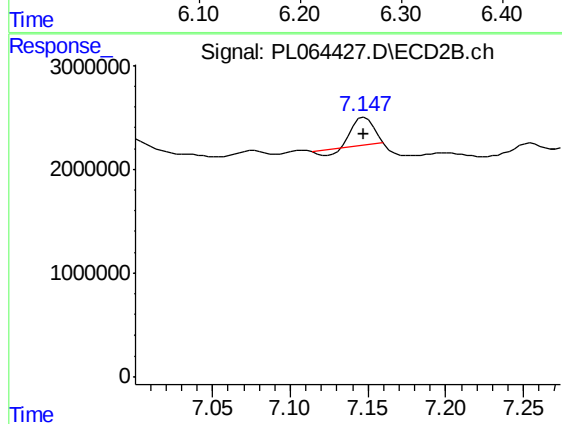
#26 Chlordane-4

R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 41969414  
Conc: 84.91 ng/ml



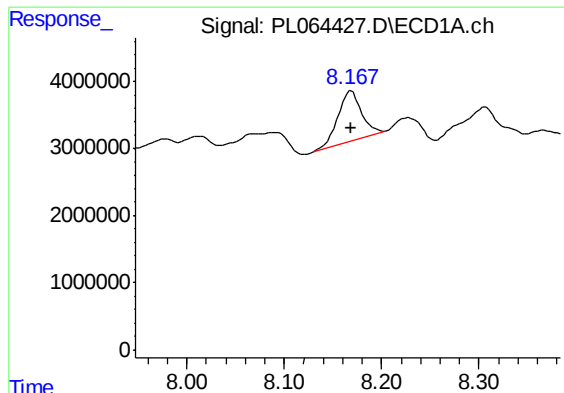
#27 Chlordane-5

R.T.: 6.247 min  
Delta R.T.: -0.003 min  
Response: 10766355  
Conc: 76.83 ng/ml



#27 Chlordane-5

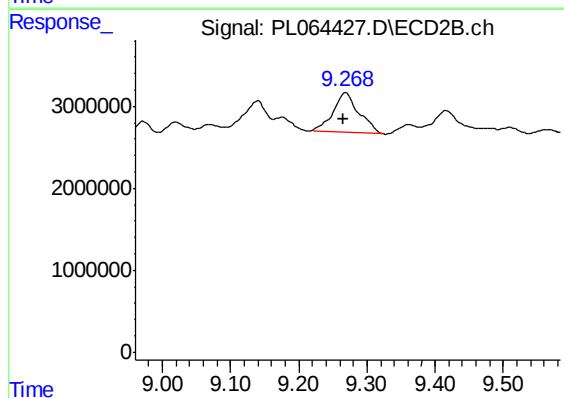
R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 2367905  
Conc: 31.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: 0.000 min  
Response: 12494310  
Conc: 4.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-SF-SAMPLE-1



#28 Decachlorobiphenyl

R.T.: 9.269 min  
Delta R.T.: 0.003 min  
Response: 12510864  
Conc: 5.27 ng/ml