

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL043019\  
 Data File : PL048051.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2019 22:26  
 Operator : AJ\SJ  
 Sample : K2598-01MSD  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OIL-WATER-SEPERATOR-2(OWS-2)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 01:16:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 2019  
 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... | 3.328 | 3.940 | 99269359 | 27160975 | 10.734  | 11.377    |
| 28)                         | SA Decachlor... | 7.996 | 8.975 | 81861512 | 22704152 | 7.313   | 7.954     |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.756 | 4.328 | 517.8E6  | 135.1E6  | 35.418  | 40.714    |
| 3)                          | MA gamma-BHC... | 4.032 | 4.611 | 505.4E6  | 131.6E6  | 38.131  | 41.969    |
| 4)                          | MA Heptachlor   | 4.317 | 5.115 | 432.9E6  | 107.3E6  | 30.381  | 31.933    |
| 5)                          | MB Aldrin       | 4.556 | 5.418 | 391.0E6  | 96773125 | 28.077  | 31.007    |
| 6)                          | B beta-BHC      | 4.285 | 4.786 | 204.6E6  | 61698854 | 36.212  | 42.822    |
| 7)                          | B delta-BHC     | 4.479 | 5.000 | 474.4E6  | 106.0E6  | 36.522  | 42.210    |
| 8)                          | B Heptachlor... | 4.992 | 5.804 | 379.8E6  | 91997502 | 29.638  | 32.918    |
| 9)                          | A Endosulfan I  | 5.323 | 6.159 | 362.8E6  | 90679189 | 30.000  | 32.293    |
| 10)                         | B gamma-Chl...  | 5.215 | 6.038 | 395.0E6  | 103.1E6  | 29.666  | 34.078    |
| 11)                         | B alpha-Chl...  | 5.271 | 6.110 | 436.7E6  | 98019709 | 33.466  | 32.399    |
| 12)                         | B 4,4'-DDE      | 5.438 | 6.269 | 342.4E6  | 82954455 | 27.526  | 30.041    |
| 13)                         | MA Dieldrin     | 5.562 | 6.415 | 379.0E6  | 92998215 | 29.193  | 31.812    |
| 14)                         | MA Endrin       | 5.814 | 6.632 | 356.8E6  | 74721853 | 30.025  | 29.253    |
| 15)                         | B Endosulfa...  | 6.089 | 6.843 | 331.6E6  | 83048230 | 29.614  | 31.654    |
| 16)                         | A 4,4'-DDD      | 5.950 | 6.759 | 228.0E6  | 70882145 | 23.192  | 31.572 #  |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.056 | 266.5E6  | 68996344 | 26.732  | 28.963    |
| 18)                         | B Endrin al...  | 6.256 | 6.967 | 325.0E6  | 85297677 | 34.445  | 36.920    |
| 19)                         | B Endosulfa...  | 6.467 | 7.190 | 324.0E6  | 85150300 | 29.069  | 31.094    |
| 20)                         | A Methoxychlor  | 6.729 | 7.516 | 143.2E6  | 42332480 | 26.930  | 30.191    |
| 21)                         | B Endrin ke...  | 6.949 | 7.659 | 364.0E6  | 91896137 | 30.695  | 32.683    |
| 22)                         | Mirex           | 7.123 | 8.109 | 243.1E6  | 65583125 | 25.898  | 28.185    |
| 23)                         | Chlordane-1     | 0.000 | 5.000 | 0        | 106.0E6  | N.D.    | 413.904 # |
| 24)                         | Chlordane-2     | 0.000 | 5.418 | 0        | 96773125 | N.D.    | 310.988 # |
| 25)                         | Chlordane-3     | 5.271 | 6.110 | 436.7E6  | 98019709 | 331.232 | 330.895   |
| 26)                         | Chlordane-4     | 5.323 | 6.159 | 362.8E6  | 90679189 | 295.254 | 329.267   |
| 27)                         | Chlordane-5     | 6.089 | 6.967 | 331.6E6  | 85297677 | 782.061 | 378.502 # |
| -----                       |                 |       |       |          |          |         |           |

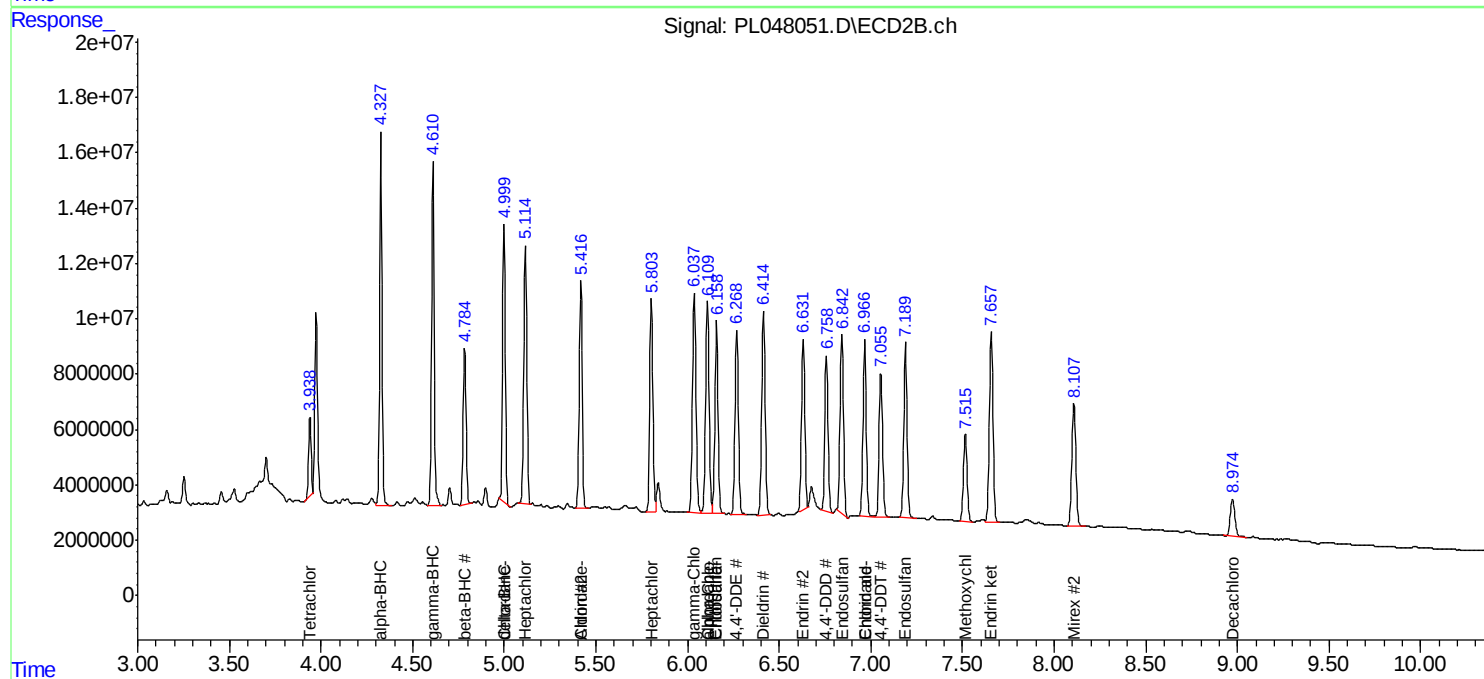
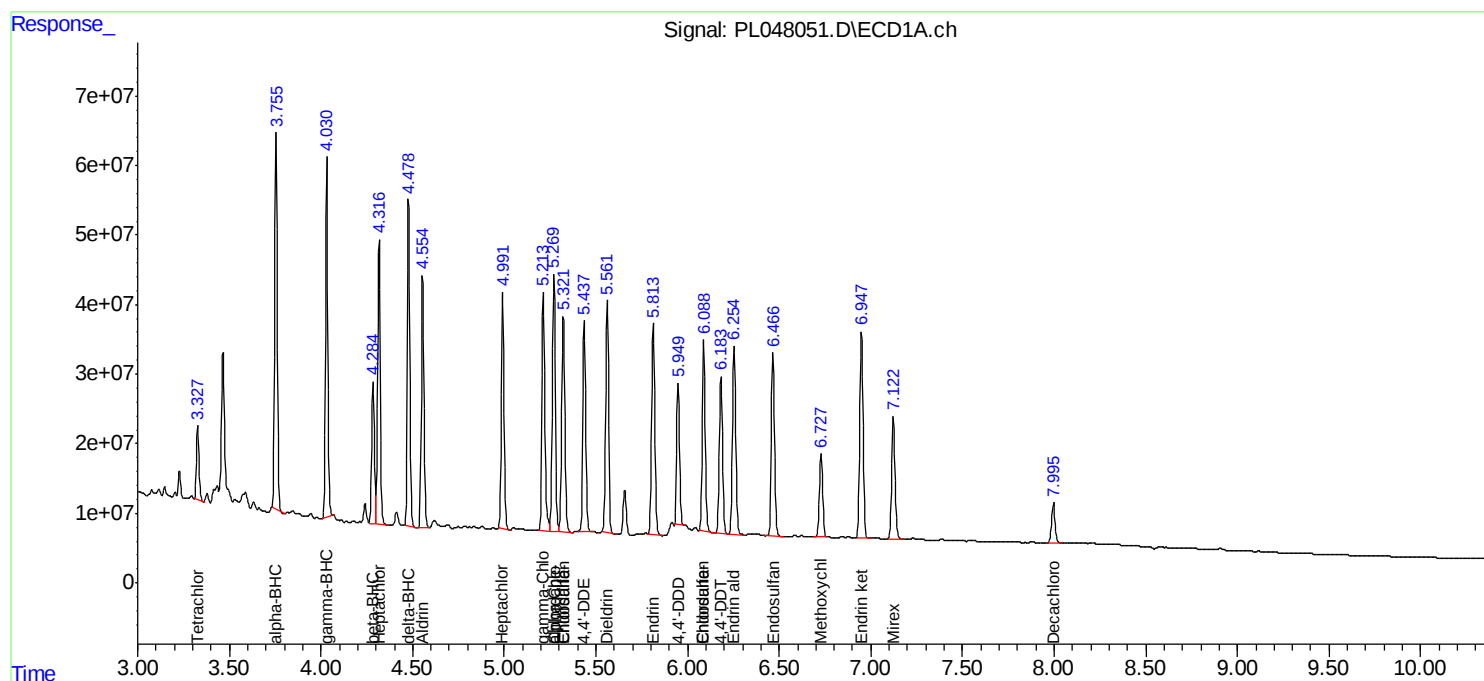
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

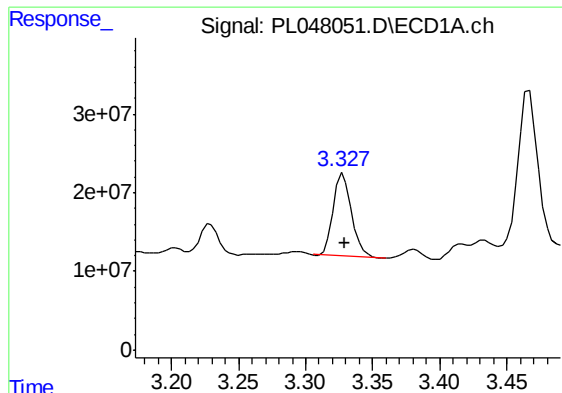
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL043019\  
Data File : PL048051.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2019 22:26  
Operator : AJ\SJ  
Sample : K2598-01MSD  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPARATOR-2(OWS-2)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 01:16:33 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 2019  
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

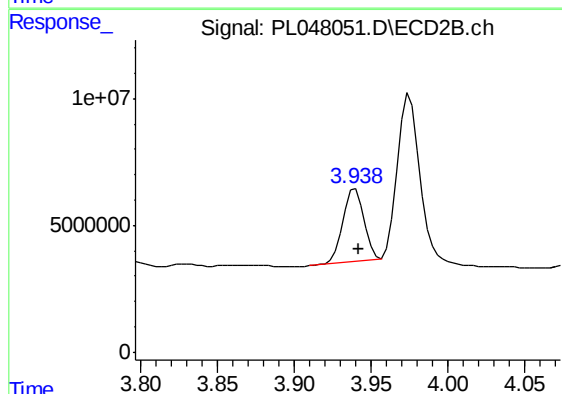




#1 Tetrachloro-m-xylene

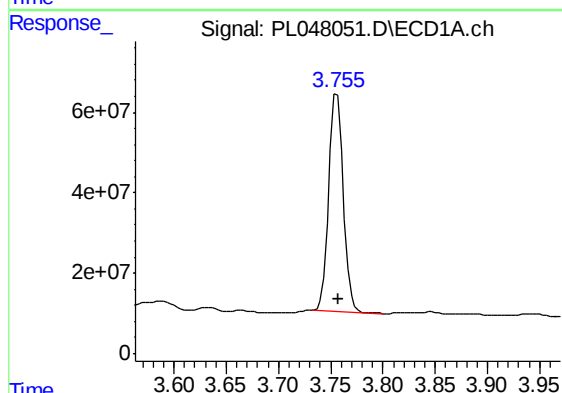
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 99269359  
Conc: 10.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2)



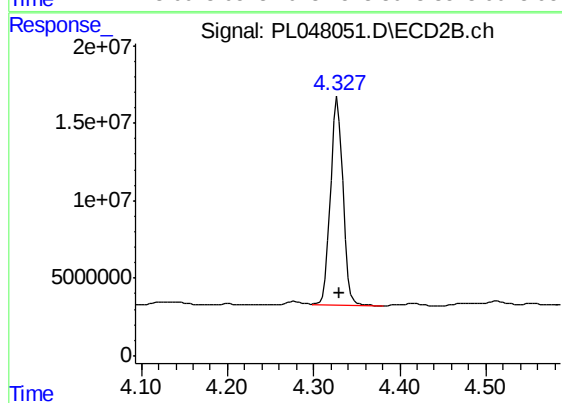
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: -0.002 min  
Response: 27160975  
Conc: 11.38 ng/ml



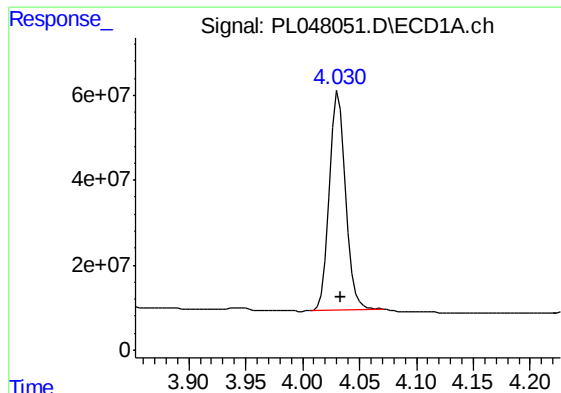
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: -0.001 min  
Response: 517756535  
Conc: 35.42 ng/ml



#2 alpha-BHC

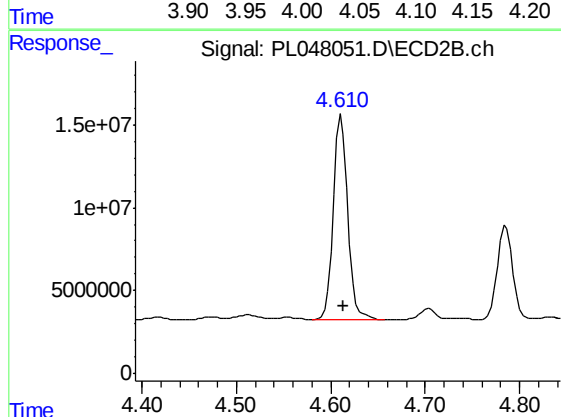
R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 135116935  
Conc: 40.71 ng/ml



#3 gamma-BHC (Lindane)

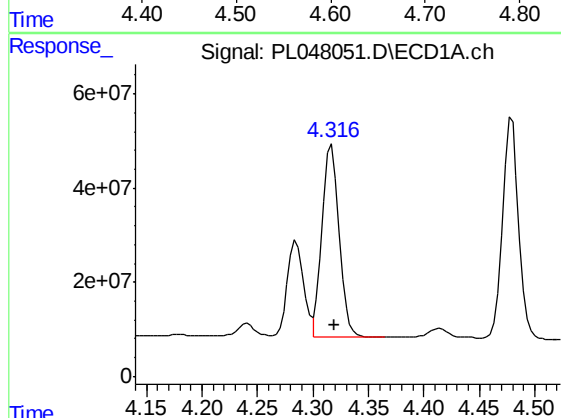
R.T.: 4.032 min  
Delta R.T.: -0.002 min  
Response: 505412967  
Conc: 38.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPARATOR-2(OWS-2)



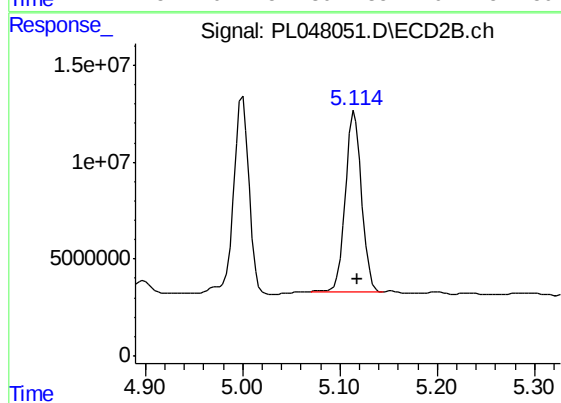
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: -0.002 min  
Response: 131634489  
Conc: 41.97 ng/ml



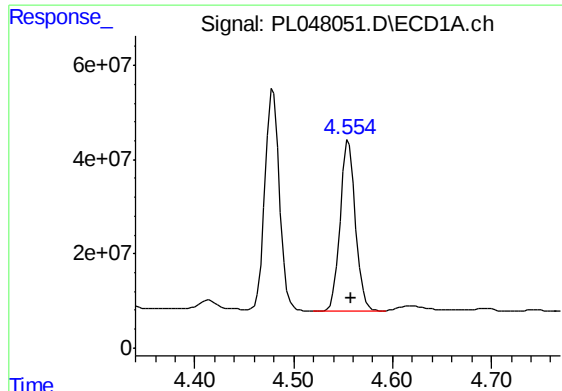
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 432878075  
Conc: 30.38 ng/ml



#4 Heptachlor

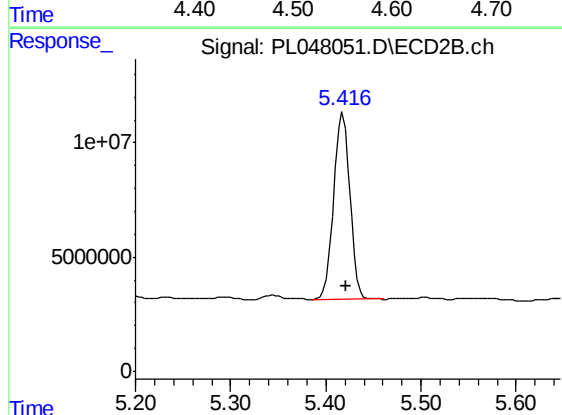
R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 107319493  
Conc: 31.93 ng/ml



#5 Aldrin

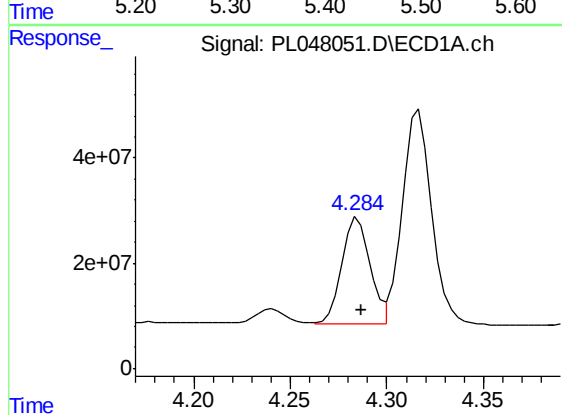
R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 390995798  
Conc: 28.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPARATOR-2(OWS-2)



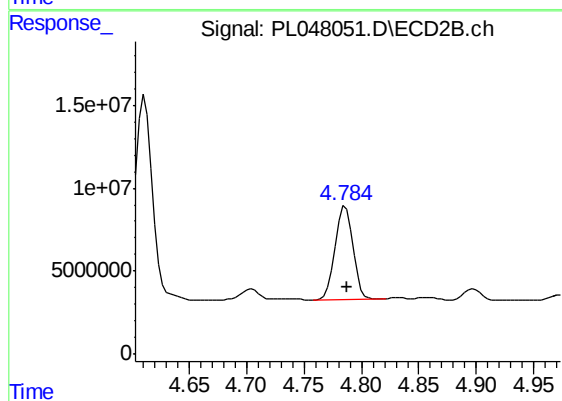
#5 Aldrin

R.T.: 5.418 min  
Delta R.T.: -0.003 min  
Response: 96773125  
Conc: 31.01 ng/ml



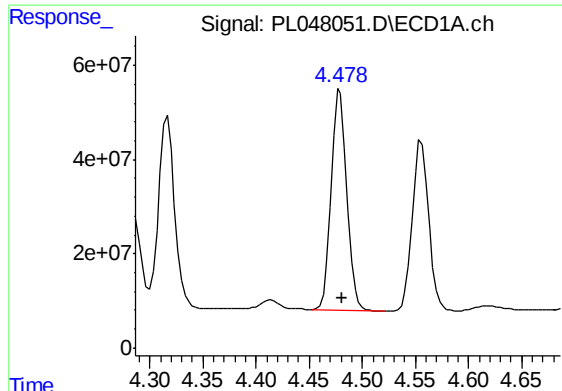
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: -0.002 min  
Response: 204598852  
Conc: 36.21 ng/ml



#6 beta-BHC

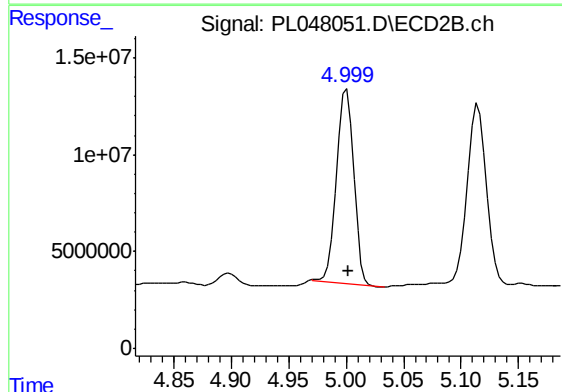
R.T.: 4.786 min  
Delta R.T.: -0.003 min  
Response: 61698854  
Conc: 42.82 ng/ml



#7 delta-BHC

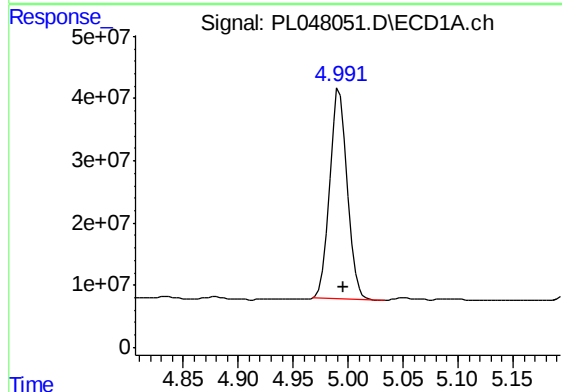
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 474449840  
Conc: 36.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2)



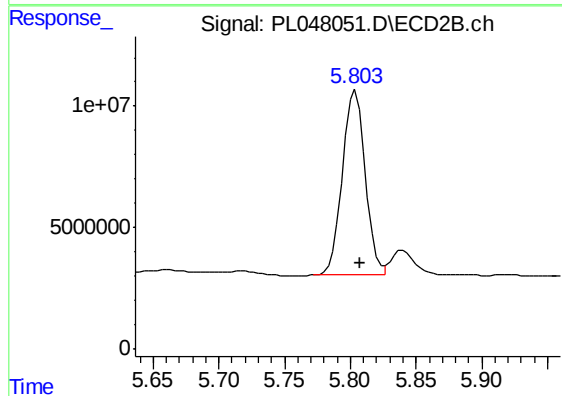
#7 delta-BHC

R.T.: 5.000 min  
Delta R.T.: -0.003 min  
Response: 106043740  
Conc: 42.21 ng/ml



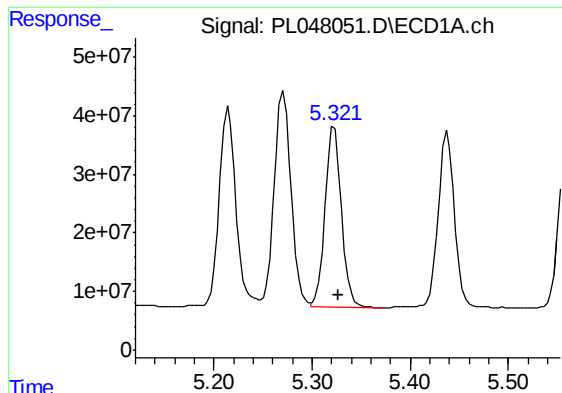
#8 Heptachlor epoxide

R.T.: 4.992 min  
Delta R.T.: -0.003 min  
Response: 379811363  
Conc: 29.64 ng/ml



#8 Heptachlor epoxide

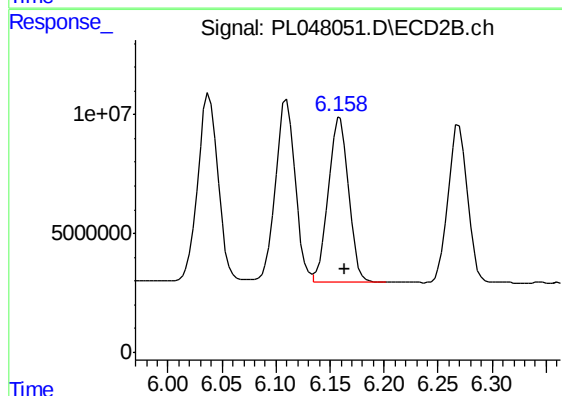
R.T.: 5.804 min  
Delta R.T.: -0.004 min  
Response: 91997502  
Conc: 32.92 ng/ml



#9 Endosulfan I

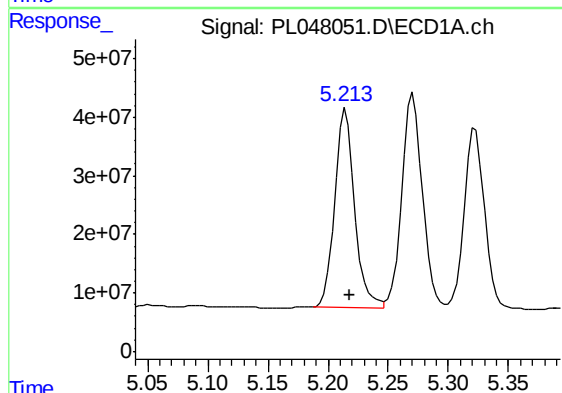
R.T.: 5.323 min  
Delta R.T.: -0.004 min  
Response: 362790084  
Conc: 30.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPARATOR-2(OWS-2)



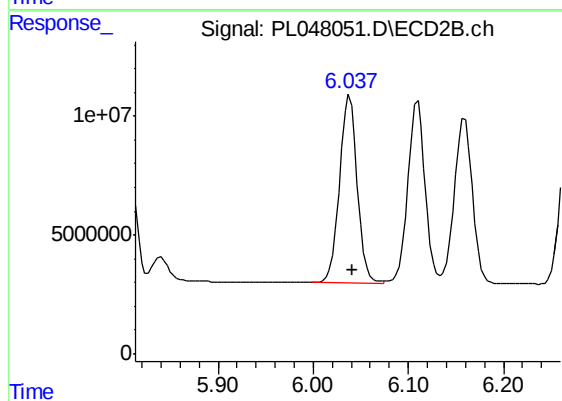
#9 Endosulfan I

R.T.: 6.159 min  
Delta R.T.: -0.004 min  
Response: 90679189  
Conc: 32.29 ng/ml



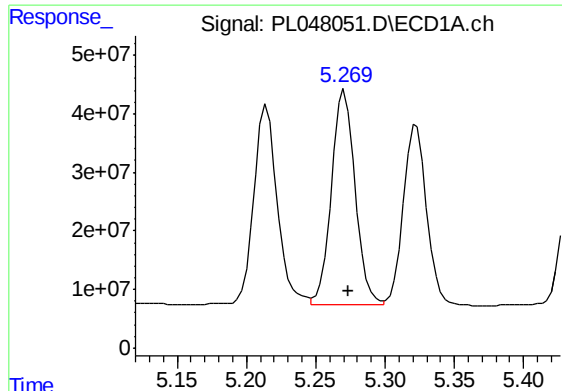
#10 gamma-Chlordane

R.T.: 5.215 min  
Delta R.T.: -0.003 min  
Response: 394957219  
Conc: 29.67 ng/ml



#10 gamma-Chlordane

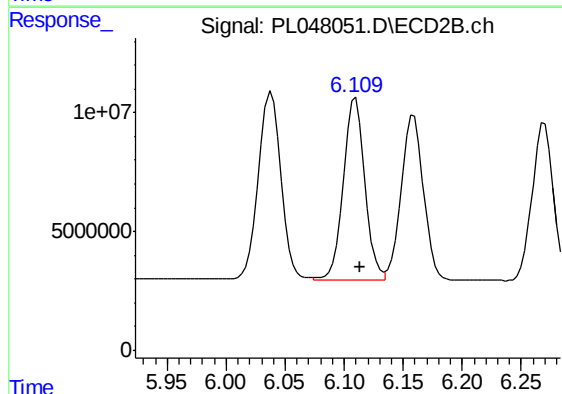
R.T.: 6.038 min  
Delta R.T.: -0.004 min  
Response: 103131084  
Conc: 34.08 ng/ml



#11 alpha-Chlordane

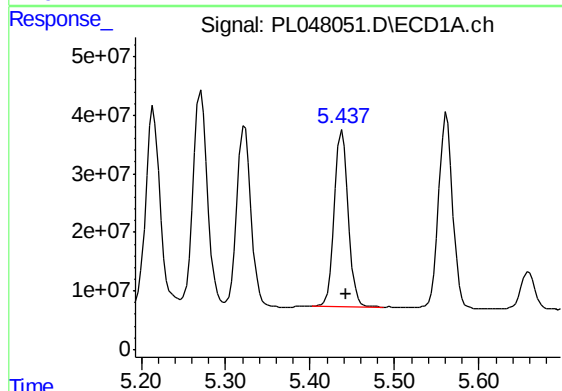
R.T.: 5.271 min  
Delta R.T.: -0.003 min  
Response: 436686923  
Conc: 33.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPARATOR-2(OWS-2)



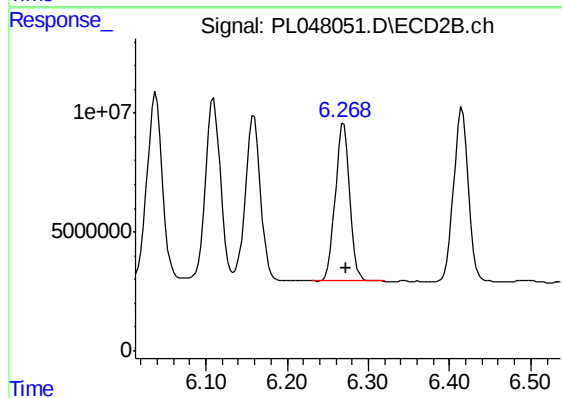
#11 alpha-Chlordane

R.T.: 6.110 min  
Delta R.T.: -0.004 min  
Response: 98019709  
Conc: 32.40 ng/ml



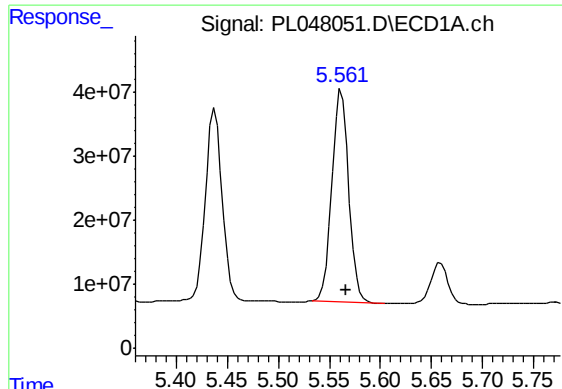
#12 4,4'-DDE

R.T.: 5.438 min  
Delta R.T.: -0.004 min  
Response: 342395824  
Conc: 27.53 ng/ml



#12 4,4'-DDE

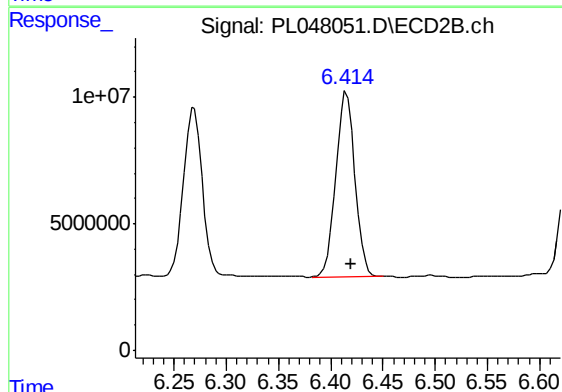
R.T.: 6.269 min  
Delta R.T.: -0.004 min  
Response: 82954455  
Conc: 30.04 ng/ml



#13 Dielddrin

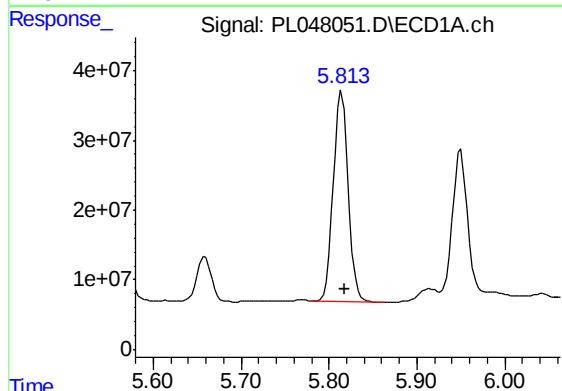
R.T.: 5.562 min  
Delta R.T.: -0.004 min  
Response: 378972449  
Conc: 29.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2)



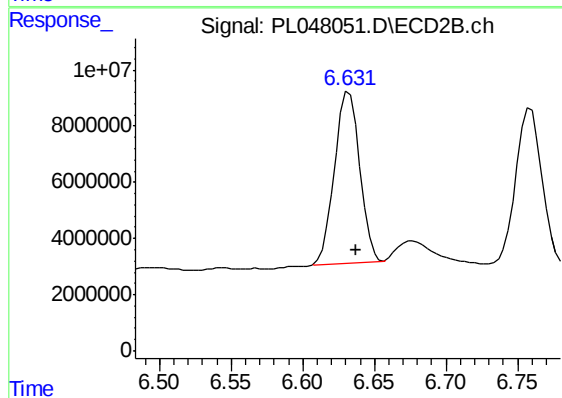
#13 Dielddrin

R.T.: 6.415 min  
Delta R.T.: -0.004 min  
Response: 92998215  
Conc: 31.81 ng/ml



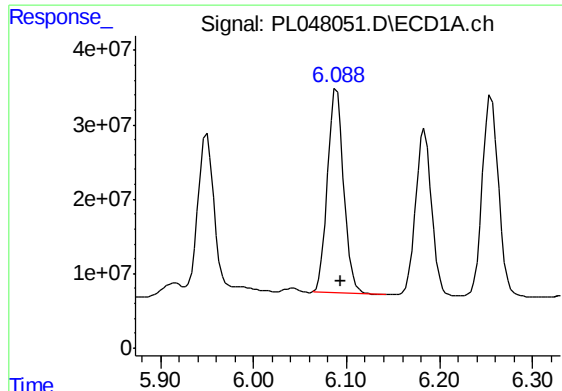
#14 Endrin

R.T.: 5.814 min  
Delta R.T.: -0.004 min  
Response: 356807058  
Conc: 30.02 ng/ml



#14 Endrin

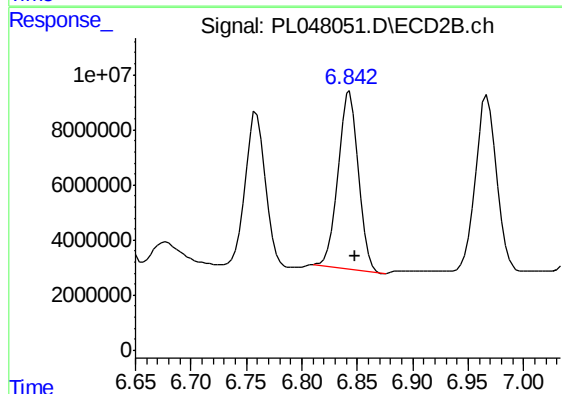
R.T.: 6.632 min  
Delta R.T.: -0.004 min  
Response: 74721853  
Conc: 29.25 ng/ml



#15 Endosulfan II

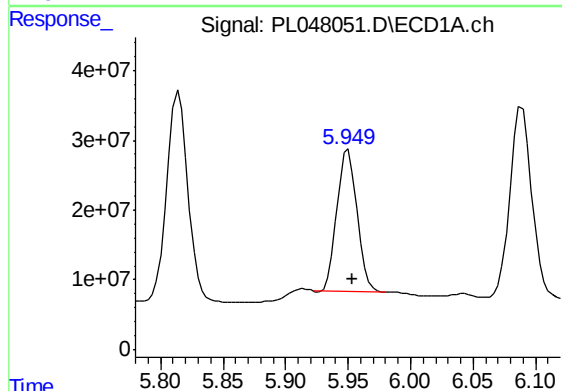
R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 331574046  
Conc: 29.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2



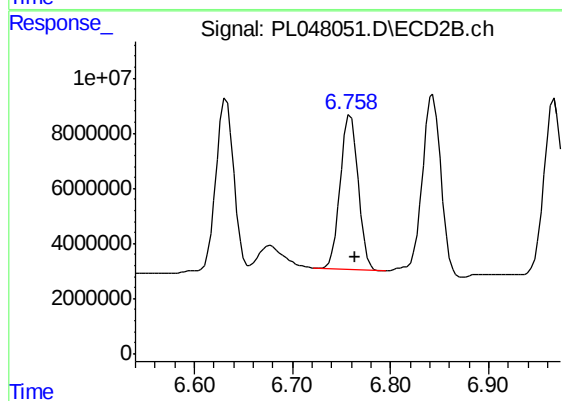
#15 Endosulfan II

R.T.: 6.843 min  
Delta R.T.: -0.004 min  
Response: 83048230  
Conc: 31.65 ng/ml



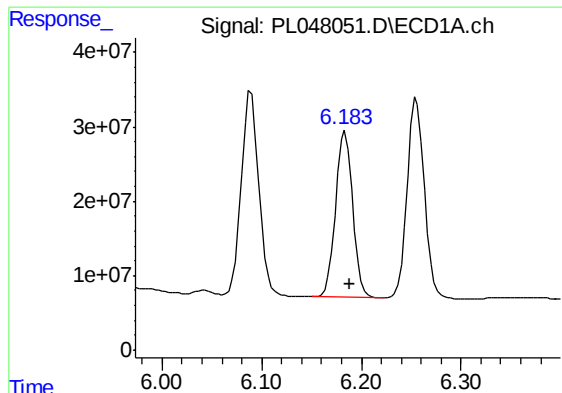
#16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 228045137  
Conc: 23.19 ng/ml



#16 4,4'-DDD

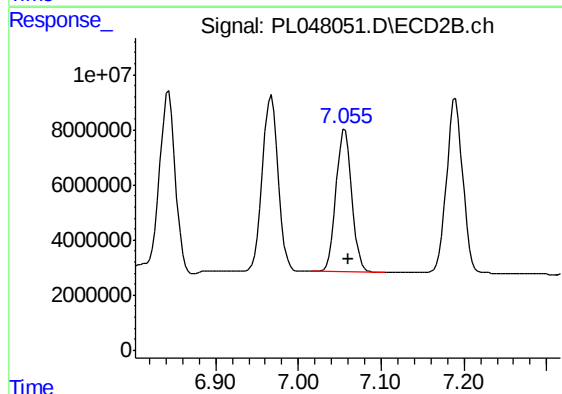
R.T.: 6.759 min  
Delta R.T.: -0.004 min  
Response: 70882145  
Conc: 31.57 ng/ml



#17 4,4'-DDT

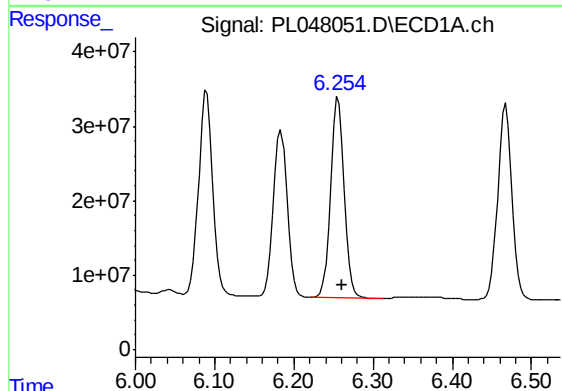
R.T.: 6.184 min  
Delta R.T.: -0.004 min  
Response: 266517552  
Conc: 26.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2)



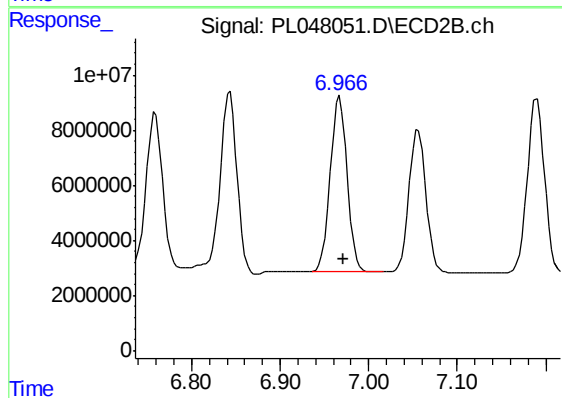
#17 4,4'-DDT

R.T.: 7.056 min  
Delta R.T.: -0.005 min  
Response: 68996344  
Conc: 28.96 ng/ml



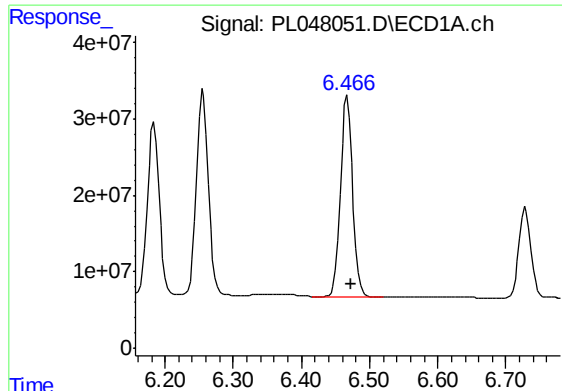
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: -0.005 min  
Response: 324987773  
Conc: 34.44 ng/ml



#18 Endrin aldehyde

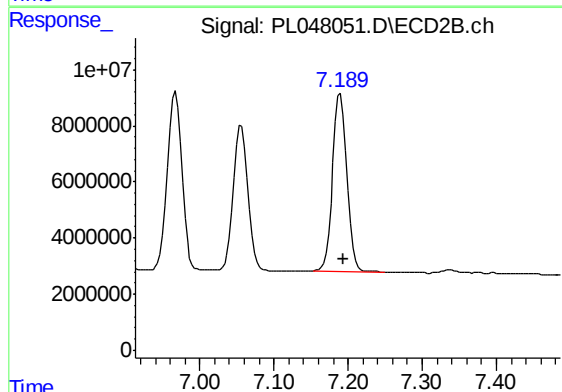
R.T.: 6.967 min  
Delta R.T.: -0.004 min  
Response: 85297677  
Conc: 36.92 ng/ml



#19 Endosulfan Sulfate

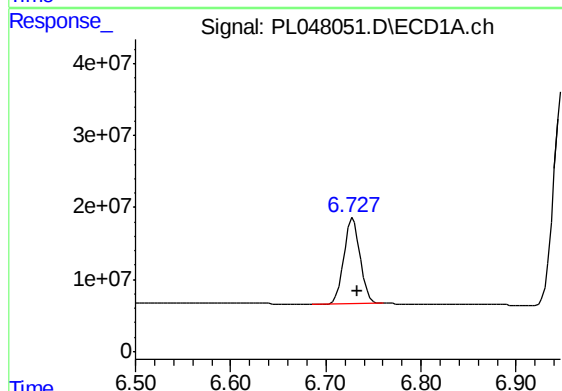
R.T.: 6.467 min  
Delta R.T.: -0.005 min  
Response: 324010124  
Conc: 29.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2)



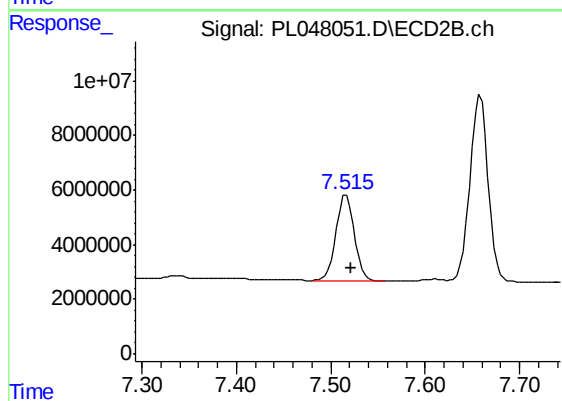
#19 Endosulfan Sulfate

R.T.: 7.190 min  
Delta R.T.: -0.004 min  
Response: 85150300  
Conc: 31.09 ng/ml



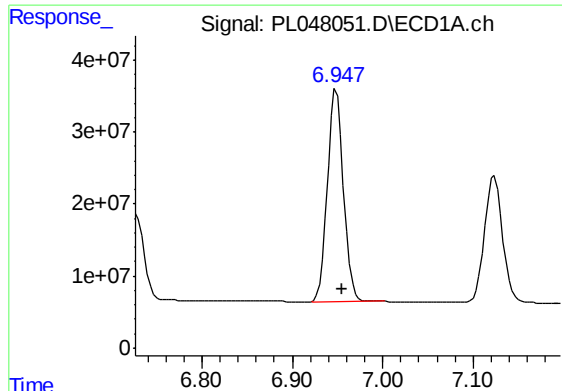
#20 Methoxychlor

R.T.: 6.729 min  
Delta R.T.: -0.005 min  
Response: 143231066  
Conc: 26.93 ng/ml



#20 Methoxychlor

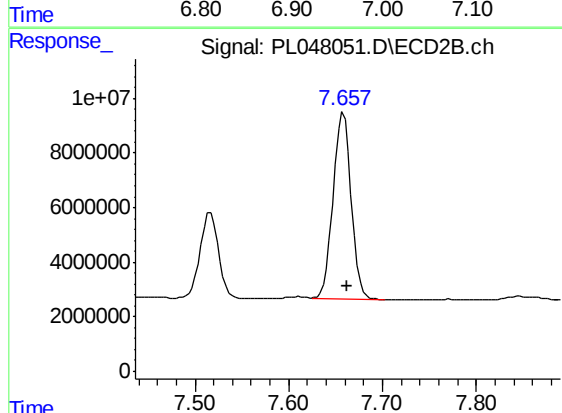
R.T.: 7.516 min  
Delta R.T.: -0.005 min  
Response: 42332480  
Conc: 30.19 ng/ml



#21 Endrin ketone

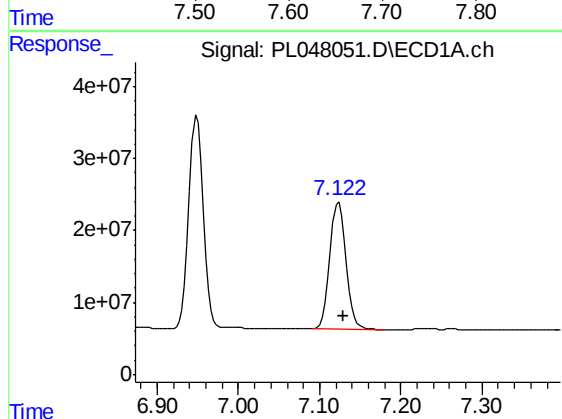
R.T.: 6.949 min  
Delta R.T.: -0.006 min  
Response: 363994983  
Conc: 30.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPARATOR-2(OWS-2)



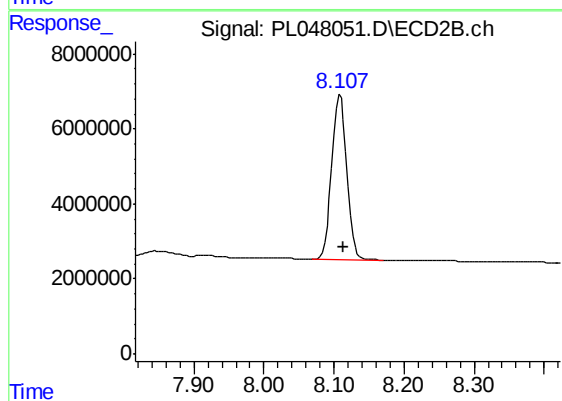
#21 Endrin ketone

R.T.: 7.659 min  
Delta R.T.: -0.004 min  
Response: 91896137  
Conc: 32.68 ng/ml



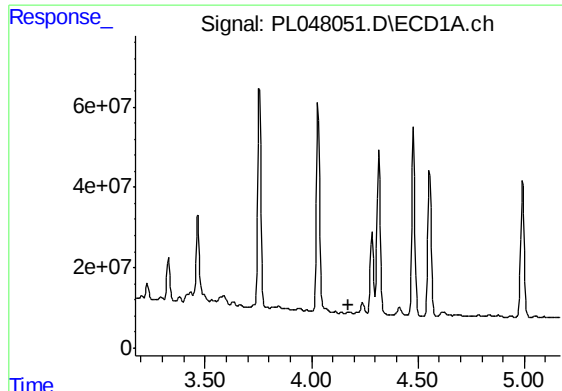
#22 Mirex

R.T.: 7.123 min  
Delta R.T.: -0.006 min  
Response: 243094728  
Conc: 25.90 ng/ml



#22 Mirex

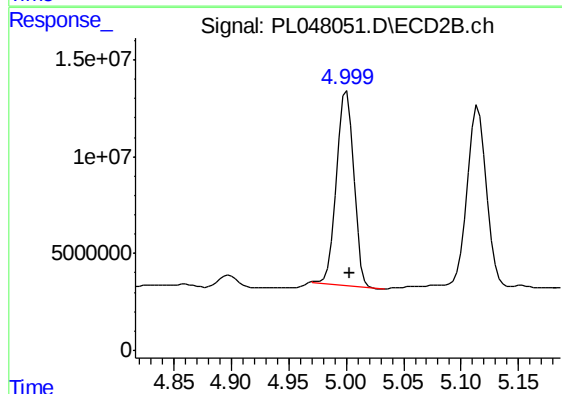
R.T.: 8.109 min  
Delta R.T.: -0.005 min  
Response: 65583125  
Conc: 28.19 ng/ml



#23 Chlordane-1

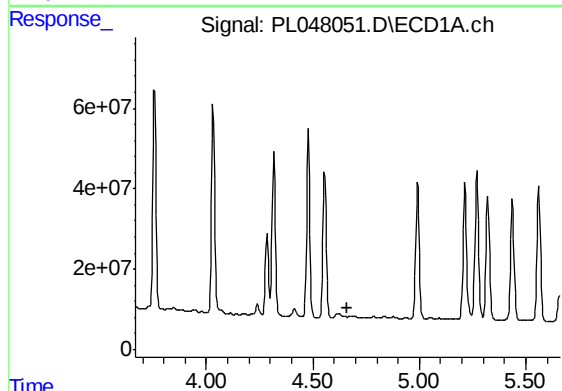
R.T.: 0.000 min  
Exp R.T. : 4.172 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPARATOR-2(OWS-2)



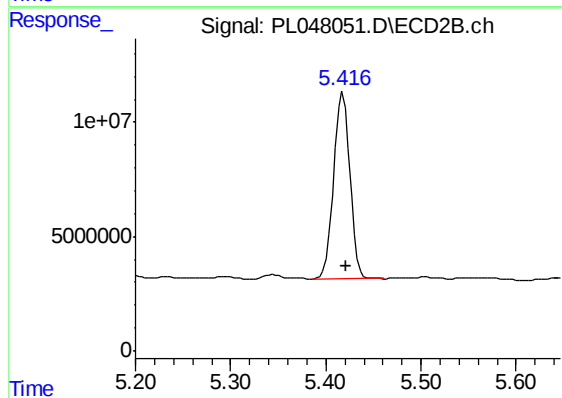
#23 Chlordane-1

R.T.: 5.000 min  
Delta R.T.: -0.003 min  
Response: 106043740  
Conc: 413.90 ng/ml



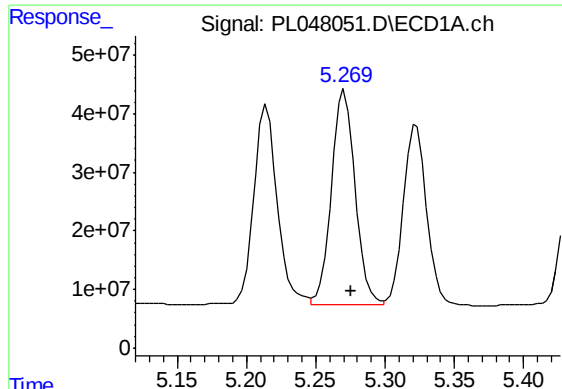
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

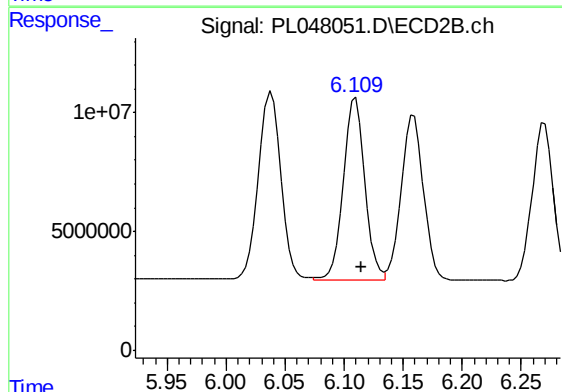
R.T.: 5.418 min  
Delta R.T.: -0.004 min  
Response: 96773125  
Conc: 310.99 ng/ml



#25 Chlordane-3

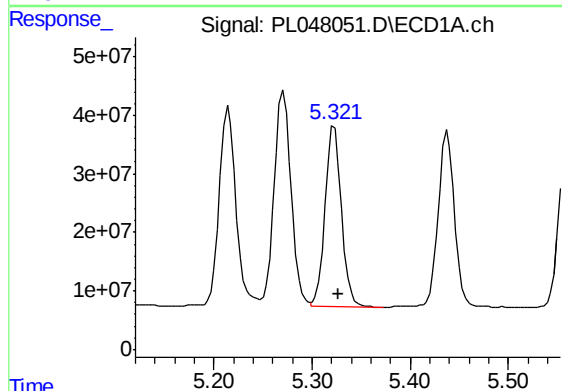
R.T.: 5.271 min  
Delta R.T.: -0.005 min  
Response: 436686923  
Conc: 331.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2)



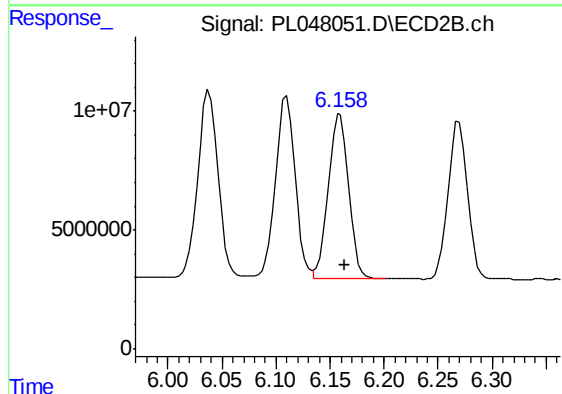
#25 Chlordane-3

R.T.: 6.110 min  
Delta R.T.: -0.004 min  
Response: 98019709  
Conc: 330.89 ng/ml



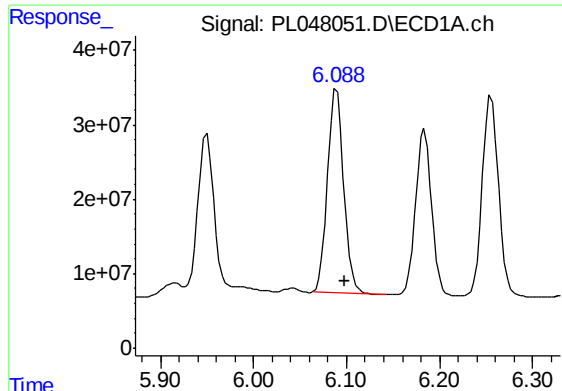
#26 Chlordane-4

R.T.: 5.323 min  
Delta R.T.: -0.005 min  
Response: 362790084  
Conc: 295.25 ng/ml



#26 Chlordane-4

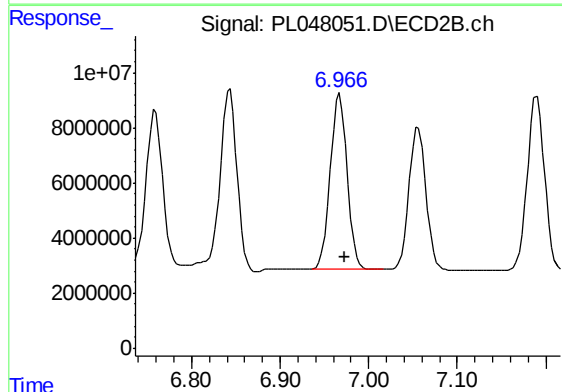
R.T.: 6.159 min  
Delta R.T.: -0.004 min  
Response: 90679189  
Conc: 329.27 ng/ml



#27 Chlordane-5

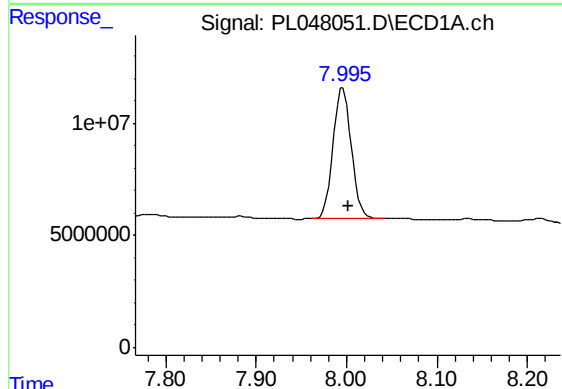
R.T.: 6.089 min  
Delta R.T.: -0.009 min  
Response: 331574046  
Conc: 782.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OIL-WATER-SEPERATOR-2(OWS-2)



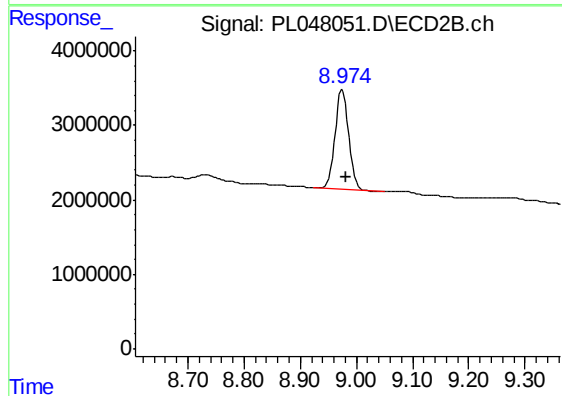
#27 Chlordane-5

R.T.: 6.967 min  
Delta R.T.: -0.005 min  
Response: 85297677  
Conc: 378.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: -0.005 min  
Response: 81861512  
Conc: 7.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: -0.006 min  
Response: 22704152  
Conc: 7.95 ng/ml