

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052820\  
 Data File : PL058944.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 May 2020 13:31  
 Operator : AJ\MA  
 Sample : L2773-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 NM74-COMP-2020-0-6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 28 18:13:37 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 11:27:53 2020  
 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... | 3.528  | 4.096f | 22967246 | 24778856 | 12.526 | 9.149 #  |
| 28)                         | SA Decachlor... | 8.307  | 9.206f | 16678947 | 21730984 | 9.872  | 8.243    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.567  | 5.290f | 338846   | 1075789  | 0.151  | 0.281 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.568  | 0        | 1517084  | N.D.   | 0.445 #  |
| 6)                          | B beta-BHC      | 4.528f | 0.000  | 774202   | 0        | 0.753  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.134  | 0        | 1013304  | N.D.   | 0.278 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.973  | 0        | 1507236  | N.D.   | 0.457 #  |
| 9)                          | A Endosulfan I  | 5.614  | 6.295f | 1436584  | 21943434 | 0.846  | 7.464 #  |
| 10)                         | B gamma-Chl...  | 5.510f | 6.220f | 12769958 | 7291430  | 6.965  | 2.201 #  |
| 11)                         | B alpha-Chl...  | 5.545  | 6.295f | 4167623  | 21943434 | 2.278  | 6.756 #  |
| 12)                         | B 4,4'-DDE      | 5.709  | 6.447f | 3453389  | 7277128  | 2.103  | 2.550    |
| 13)                         | MA Dieldrin     | 5.835  | 6.580  | 3753385  | 12224236 | 2.138  | 4.036 #  |
| 14)                         | MA Endrin       | 6.098  | 6.809  | 1850696  | 823723   | 1.181  | 0.330 #  |
| 15)                         | B Endosulfa...  | 6.361f | 7.026f | 887685   | 1552371  | 0.533  | 0.554    |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.912  | 0        | 846127   | N.D.   | 0.355 #  |
| 17)                         | MA 4,4'-DDT     | 6.466  | 7.213  | 6807371  | 5978764  | 4.680  | 2.514 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.161f | 0        | 611844   | N.D.   | 0.259 #  |
| 19)                         | B Endosulfa...  | 6.753  | 7.346  | 1335271  | 1169822  | 0.818  | 0.445 #  |
| 20)                         | A Methoxychlor  | 6.998f | 0.000  | 1621216  | 0        | 1.901  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.276f | 7.810f | 843117   | 5171746  | 0.457  | 1.867 #  |
| 23)                         | Chlordane-1     | 4.409  | 5.099f | 2763663  | 3537266  | 52.821 | 36.880 # |
| 24)                         | Chlordane-2     | 4.918  | 5.568f | 1666917  | 1517084  | 28.648 | 14.870 # |
| 25)                         | Chlordane-3     | 5.510f | 6.220f | 12769958 | 7291430  | 85.147 | 19.154 # |
| 26)                         | Chlordane-4     | 5.545  | 6.295f | 4167623  | 21943434 | 33.928 | 48.189 # |
| 27)                         | Chlordane-5     | 6.416f | 7.065f | 886712   | 2594130  | 16.779 | 32.744 # |
| -----                       |                 |        |        |          |          |        |          |

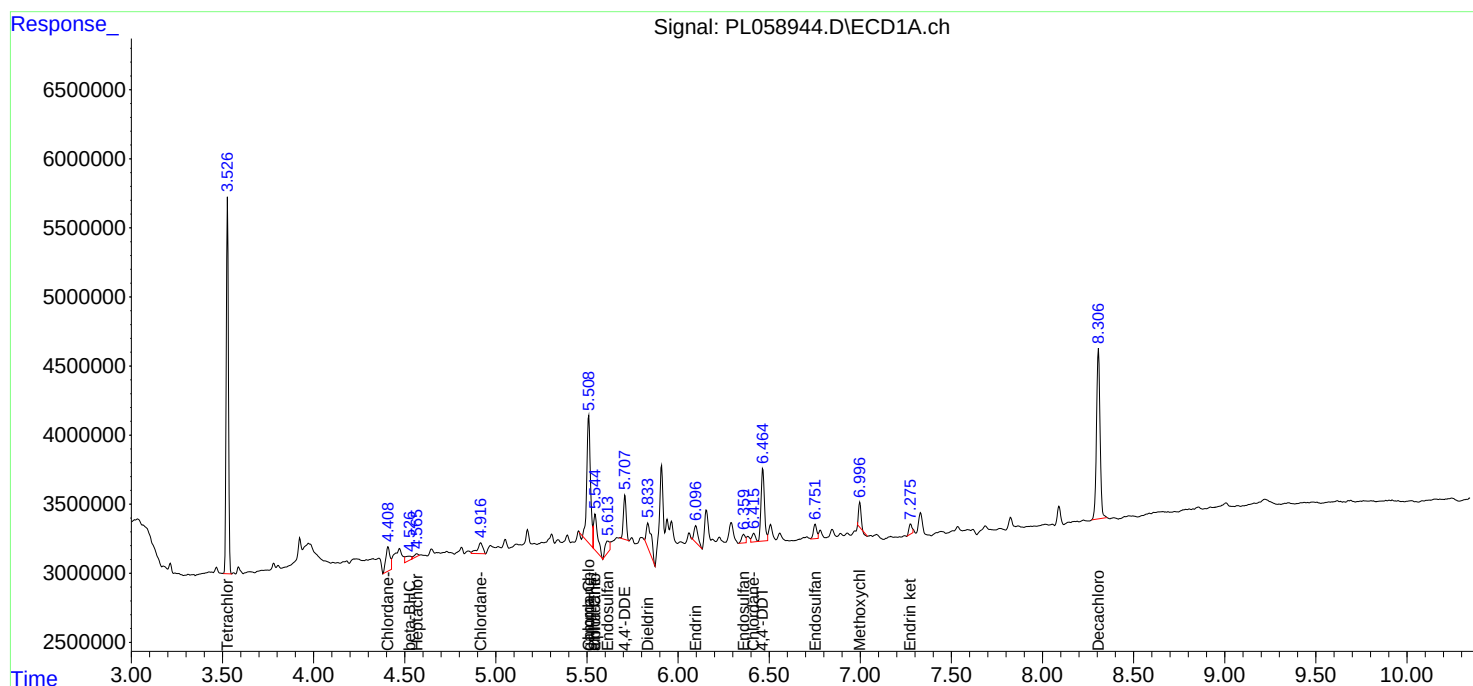
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

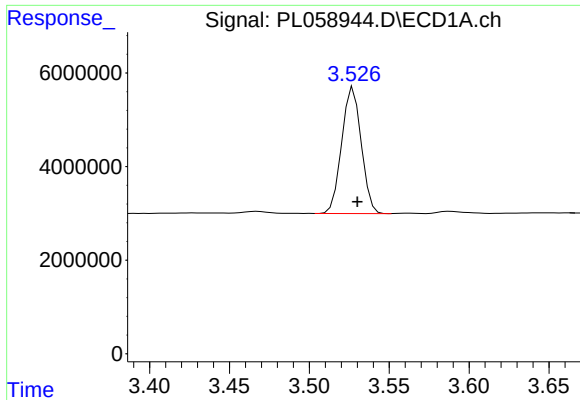
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052820\  
Data File : PL058944.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 May 2020 13:31  
Operator : AJ\MA  
Sample : L2773-07  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 28 18:13:37 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
Quant Title : GC Extractables  
QLast Update : Wed May 20 11:27:53 2020  
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

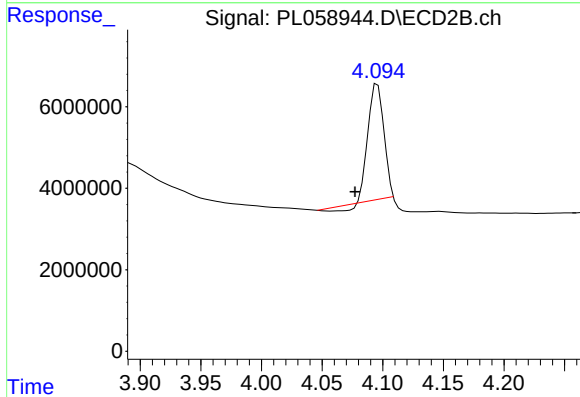




#1 Tetrachloro-m-xylene

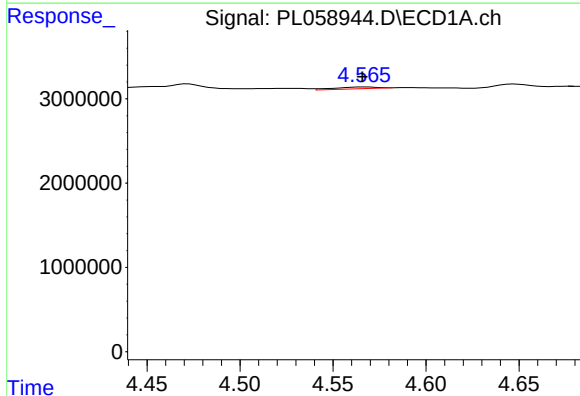
R.T.: 3.528 min  
Delta R.T.: -0.002 min  
Response: 22967246  
Conc: 12.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



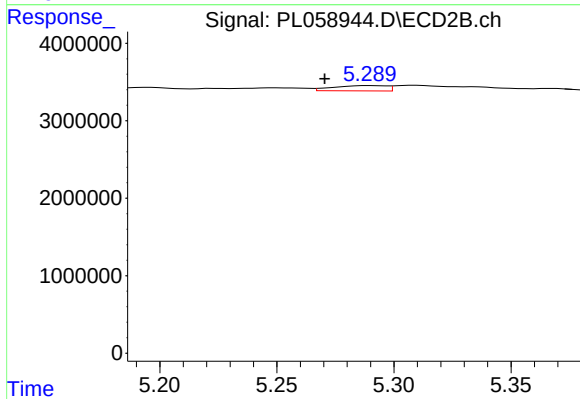
#1 Tetrachloro-m-xylene

R.T.: 4.096 min  
Delta R.T.: 0.018 min  
Response: 24778856  
Conc: 9.15 ng/ml



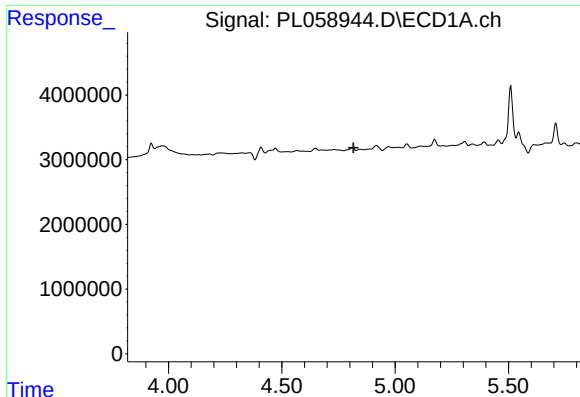
#4 Heptachlor

R.T.: 4.567 min  
Delta R.T.: 0.001 min  
Response: 338846  
Conc: 0.15 ng/ml



#4 Heptachlor

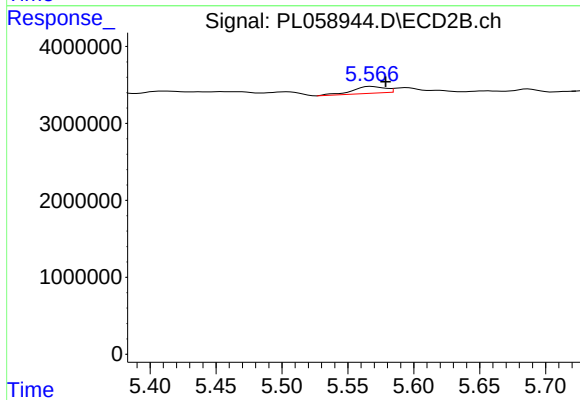
R.T.: 5.290 min  
Delta R.T.: 0.019 min  
Response: 1075789  
Conc: 0.28 ng/ml



#5 Aldrin

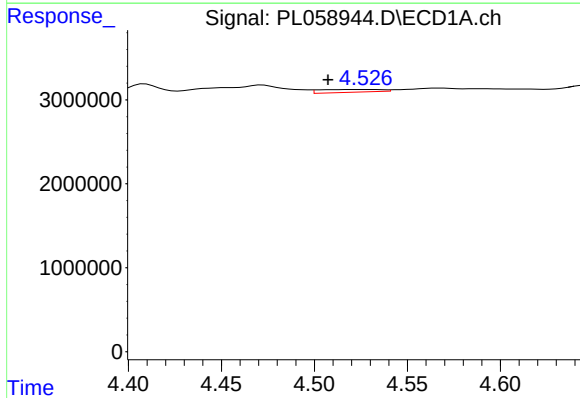
R.T.: 0.000 min  
Exp R.T.: 4.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



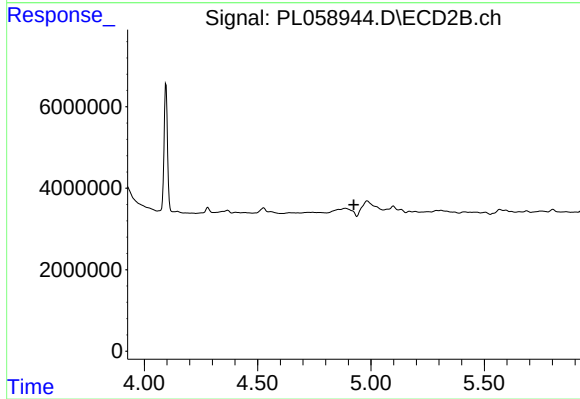
#5 Aldrin

R.T.: 5.568 min  
Delta R.T.: -0.011 min  
Response: 1517084  
Conc: 0.44 ng/ml



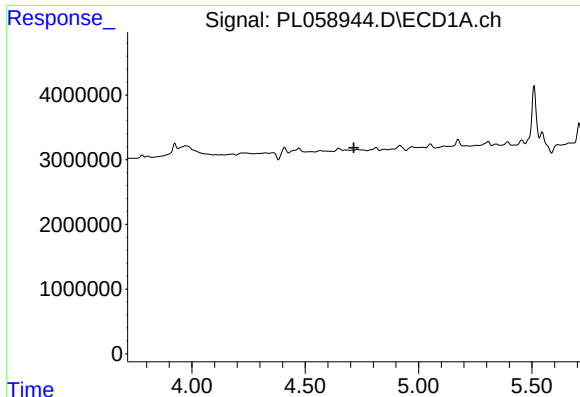
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.021 min  
Response: 774202  
Conc: 0.75 ng/ml



#6 beta-BHC

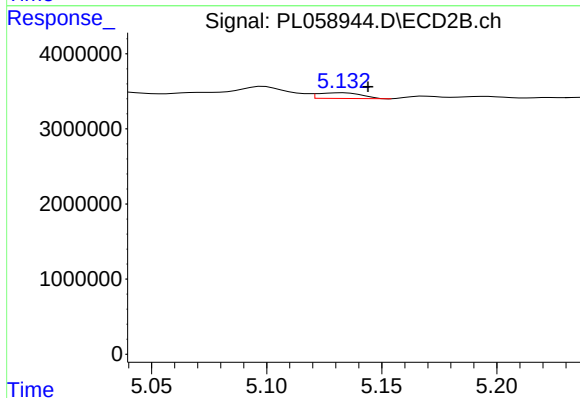
R.T.: 0.000 min  
Exp R.T.: 4.924 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

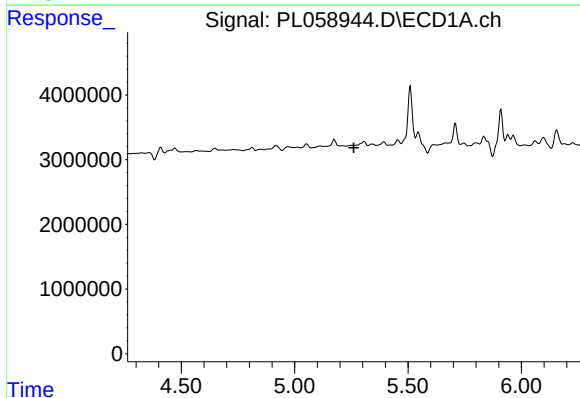
R.T.: 0.000 min  
Exp R.T. : 4.715 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



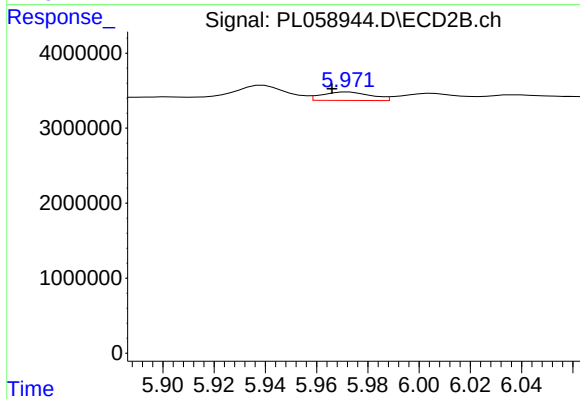
#7 delta-BHC

R.T.: 5.134 min  
Delta R.T.: -0.010 min  
Response: 1013304  
Conc: 0.28 ng/ml



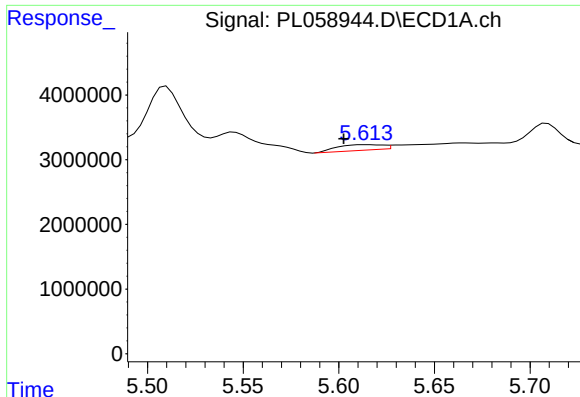
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.261 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

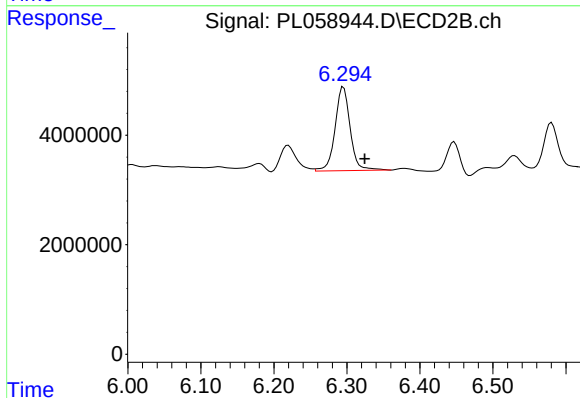
R.T.: 5.973 min  
Delta R.T.: 0.007 min  
Response: 1507236  
Conc: 0.46 ng/ml



#9 Endosulfan I

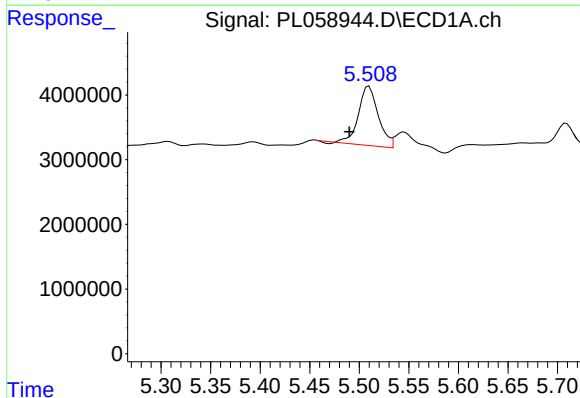
R.T.: 5.614 min  
Delta R.T.: 0.012 min  
Response: 1436584  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



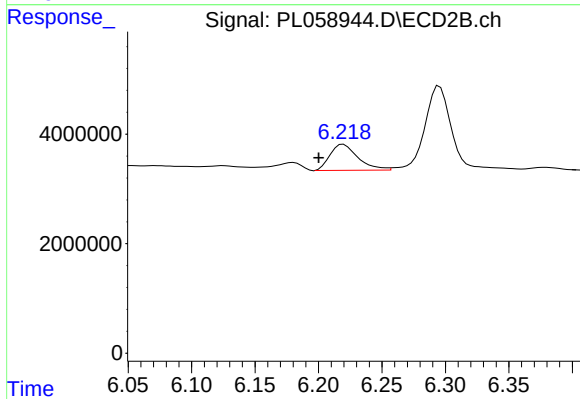
#9 Endosulfan I

R.T.: 6.295 min  
Delta R.T.: -0.029 min  
Response: 21943434  
Conc: 7.46 ng/ml



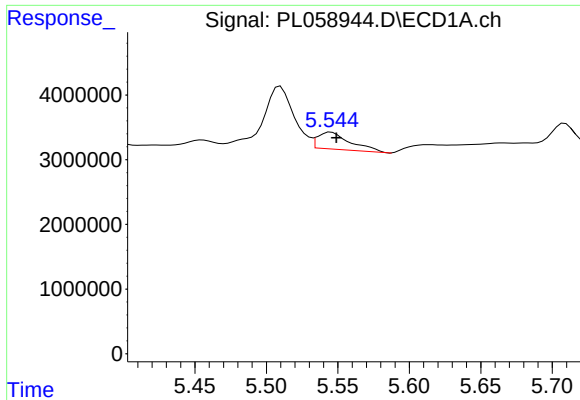
#10 gamma-Chlordane

R.T.: 5.510 min  
Delta R.T.: 0.020 min  
Response: 12769958  
Conc: 6.97 ng/ml



#10 gamma-Chlordane

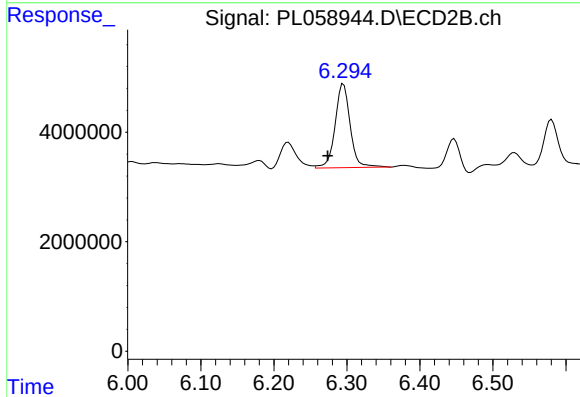
R.T.: 6.220 min  
Delta R.T.: 0.019 min  
Response: 7291430  
Conc: 2.20 ng/ml



#11 alpha-Chlordane

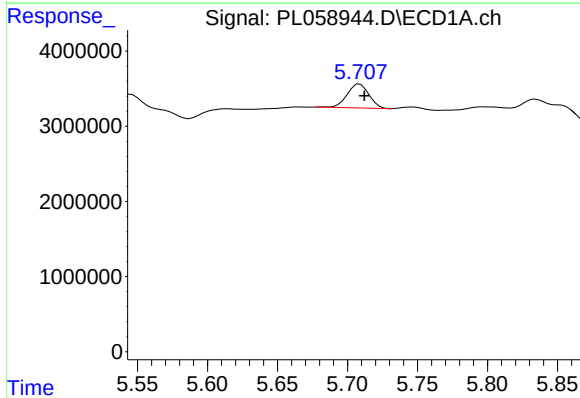
R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 4167623  
Conc: 2.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



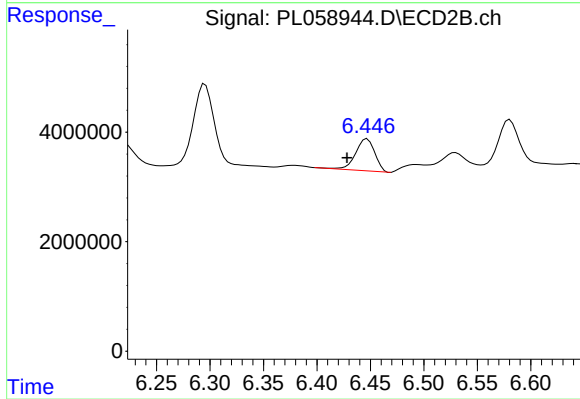
#11 alpha-Chlordane

R.T.: 6.295 min  
Delta R.T.: 0.021 min  
Response: 21943434  
Conc: 6.76 ng/ml



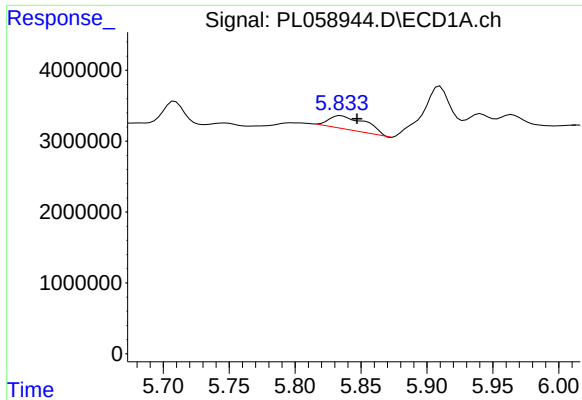
#12 4,4'-DDE

R.T.: 5.709 min  
Delta R.T.: -0.003 min  
Response: 3453389  
Conc: 2.10 ng/ml



#12 4,4'-DDE

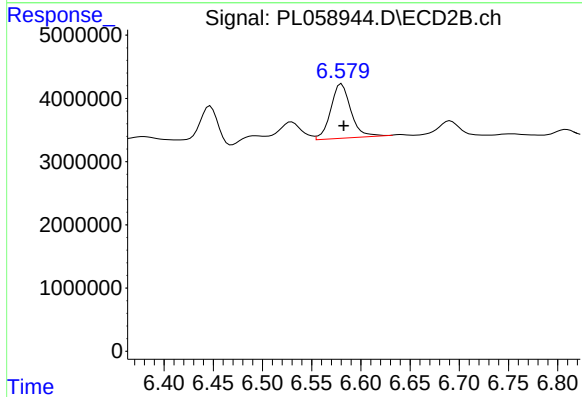
R.T.: 6.447 min  
Delta R.T.: 0.019 min  
Response: 7277128  
Conc: 2.55 ng/ml



#13 Dieldrin

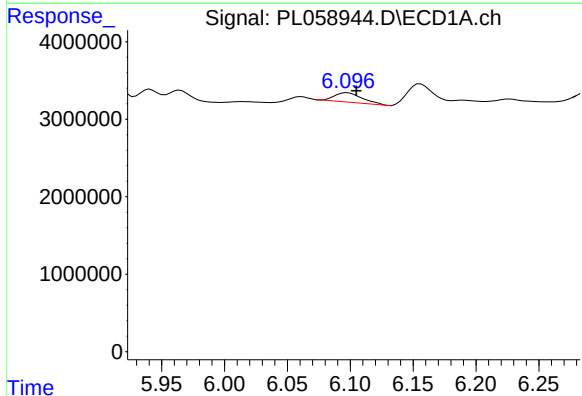
R.T.: 5.835 min  
Delta R.T.: -0.012 min  
Response: 3753385  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



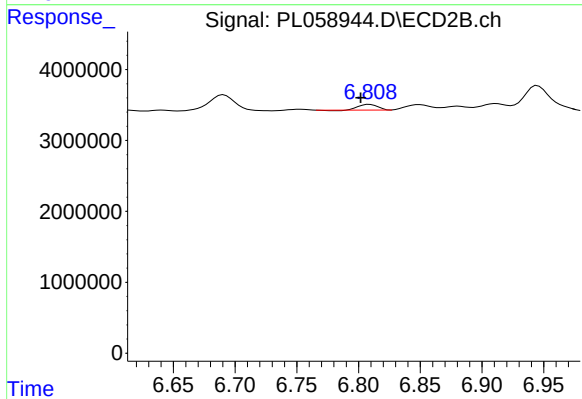
#13 Dieldrin

R.T.: 6.580 min  
Delta R.T.: -0.002 min  
Response: 12224236  
Conc: 4.04 ng/ml



#14 Endrin

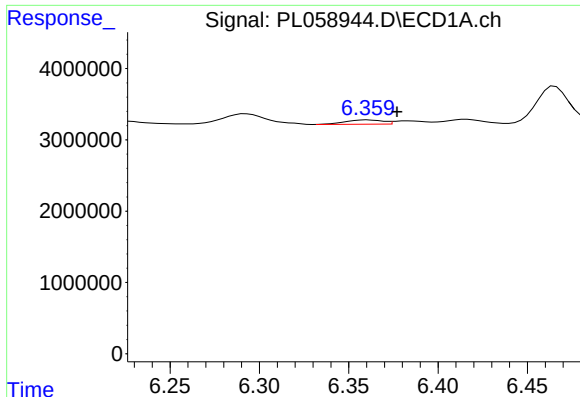
R.T.: 6.098 min  
Delta R.T.: -0.007 min  
Response: 1850696  
Conc: 1.18 ng/ml



#14 Endrin

R.T.: 6.809 min  
Delta R.T.: 0.007 min  
Response: 823723  
Conc: 0.33 ng/ml

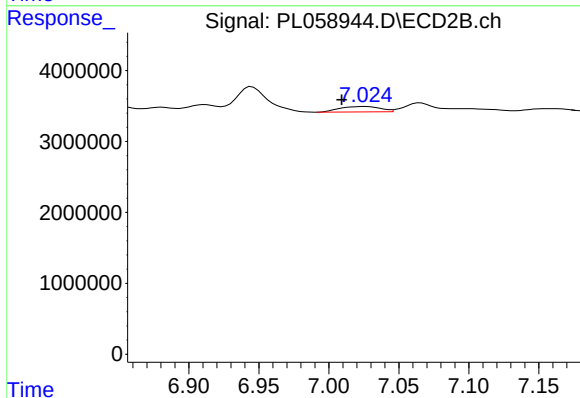




#15 Endosulfan II

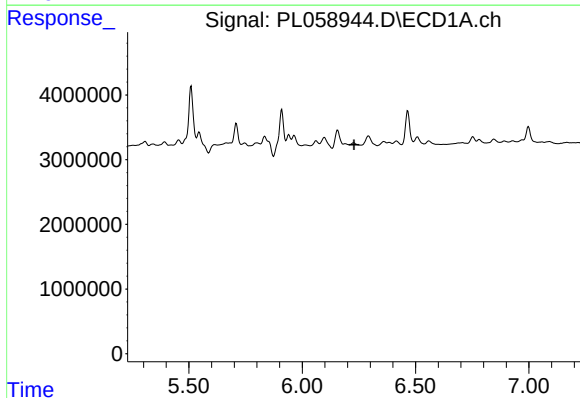
R.T.: 6.361 min  
Delta R.T.: -0.016 min  
Response: 887685  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



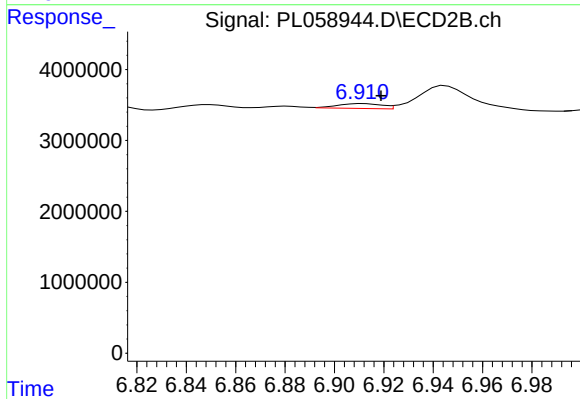
#15 Endosulfan II

R.T.: 7.026 min  
Delta R.T.: 0.017 min  
Response: 1552371  
Conc: 0.55 ng/ml



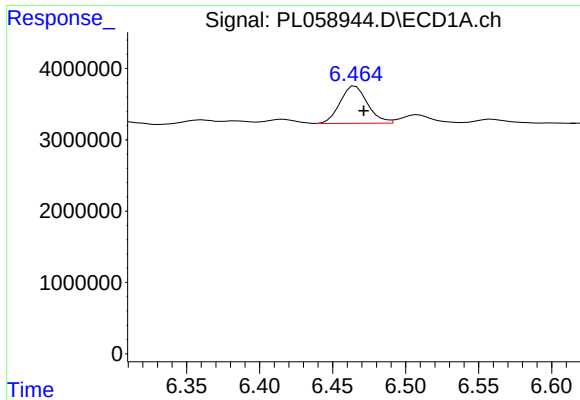
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

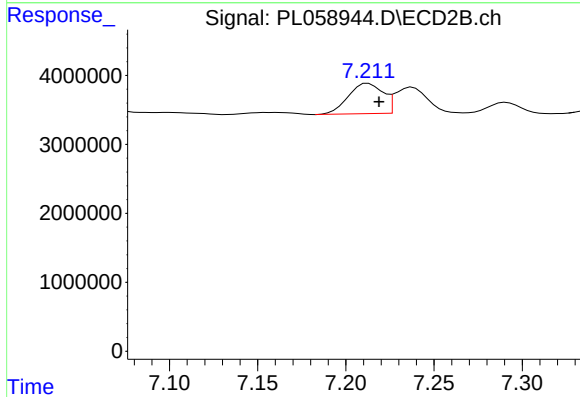
R.T.: 6.912 min  
Delta R.T.: -0.007 min  
Response: 846127  
Conc: 0.35 ng/ml



#17 4,4'-DDT

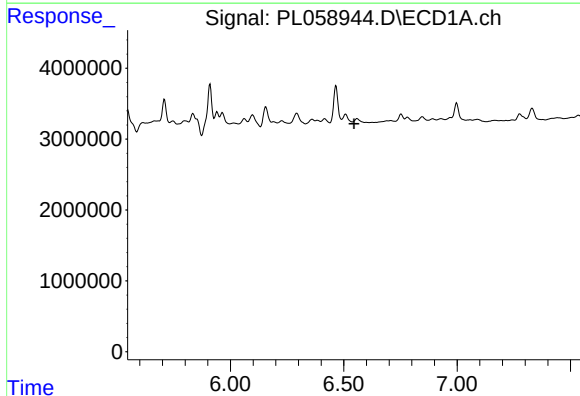
R.T.: 6.466 min  
Delta R.T.: -0.006 min  
Response: 6807371  
Conc: 4.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



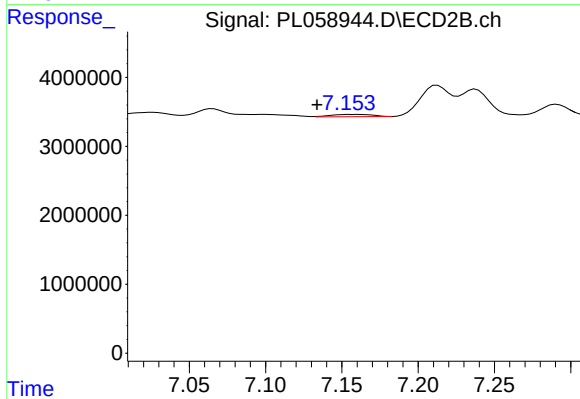
#17 4,4'-DDT

R.T.: 7.213 min  
Delta R.T.: -0.006 min  
Response: 5978764  
Conc: 2.51 ng/ml



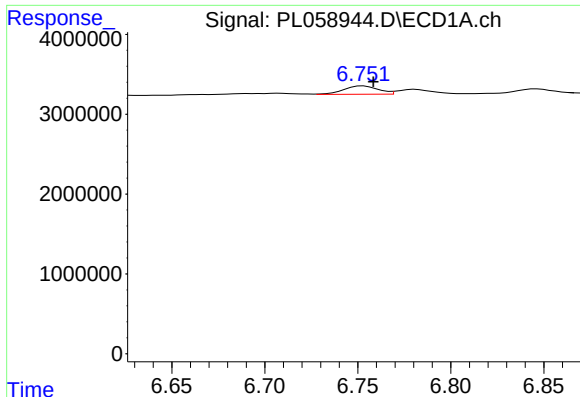
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.545 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

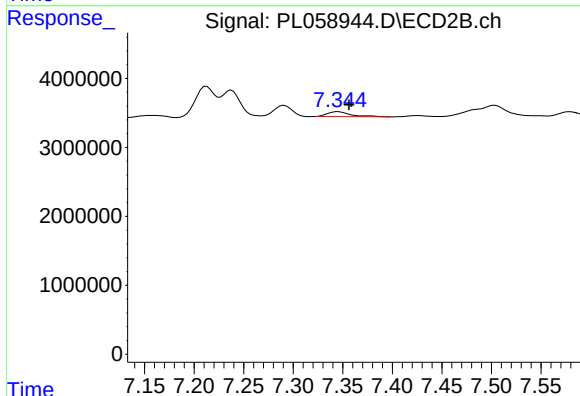
R.T.: 7.161 min  
Delta R.T.: 0.027 min  
Response: 611844  
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

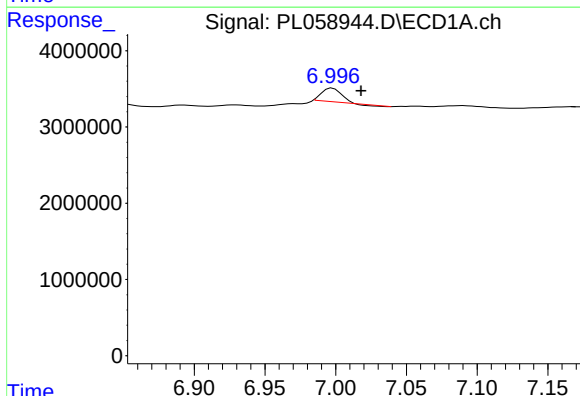
R.T.: 6.753 min  
Delta R.T.: -0.006 min  
Response: 1335271  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



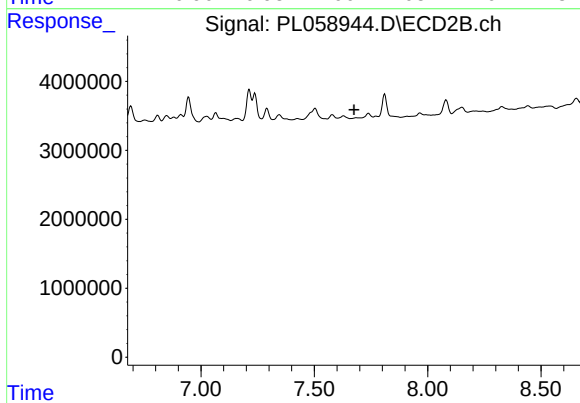
#19 Endosulfan Sulfate

R.T.: 7.346 min  
Delta R.T.: -0.011 min  
Response: 1169822  
Conc: 0.45 ng/ml



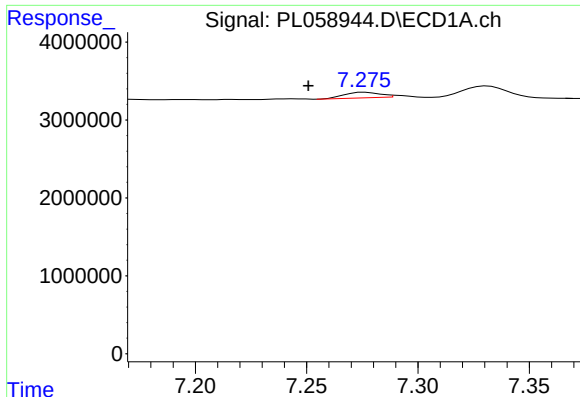
#20 Methoxychlor

R.T.: 6.998 min  
Delta R.T.: -0.020 min  
Response: 1621216  
Conc: 1.90 ng/ml



#20 Methoxychlor

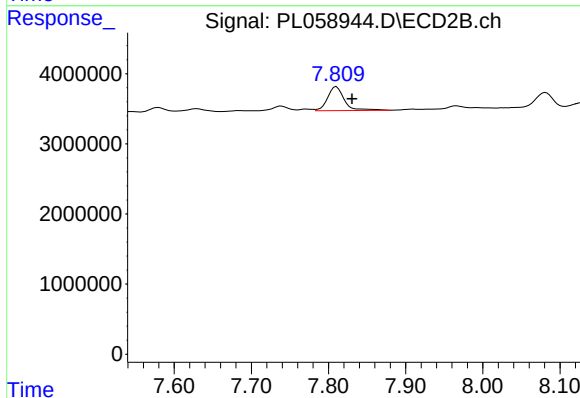
R.T.: 0.000 min  
Exp R.T.: 7.676 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

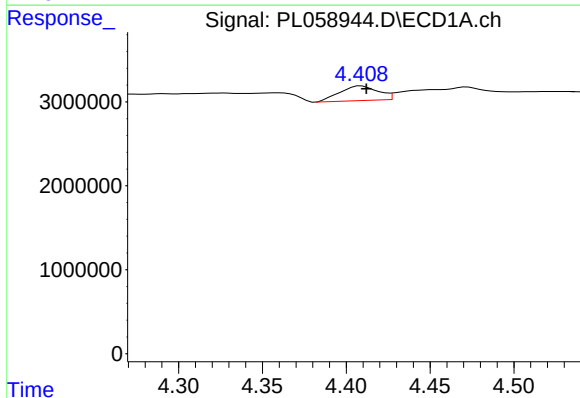
R.T.: 7.276 min  
Delta R.T.: 0.025 min  
Response: 843117  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



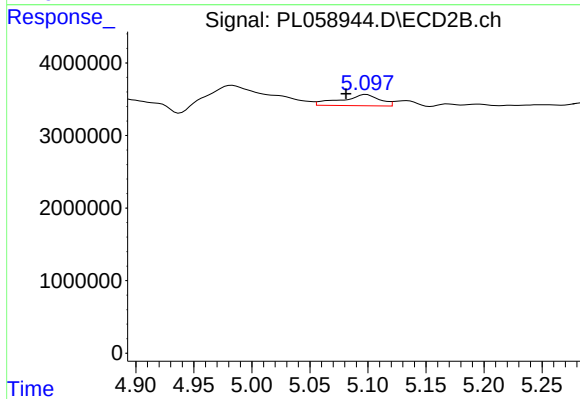
#21 Endrin ketone

R.T.: 7.810 min  
Delta R.T.: -0.020 min  
Response: 5171746  
Conc: 1.87 ng/ml



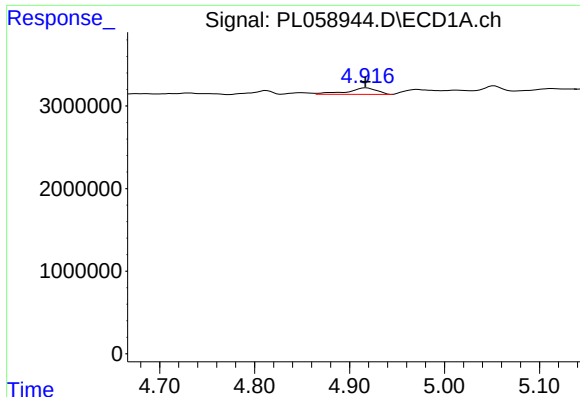
#23 Chlordane-1

R.T.: 4.409 min  
Delta R.T.: -0.003 min  
Response: 2763663  
Conc: 52.82 ng/ml



#23 Chlordane-1

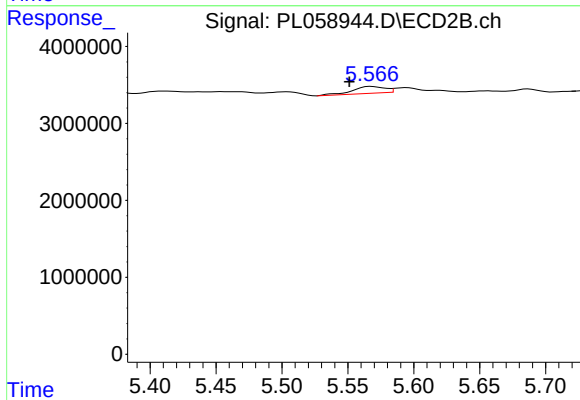
R.T.: 5.099 min  
Delta R.T.: 0.017 min  
Response: 3537266  
Conc: 36.88 ng/ml



#24 Chlordane-2

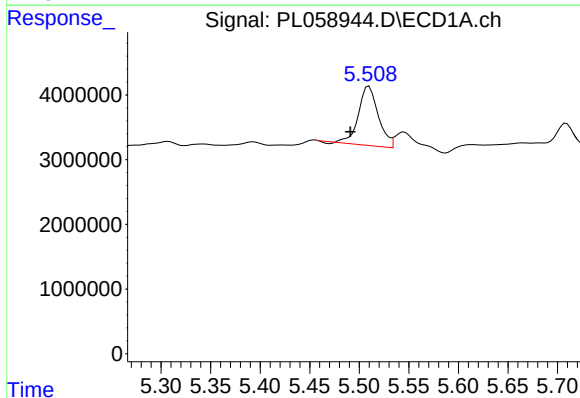
R.T.: 4.918 min  
Delta R.T.: 0.000 min  
Response: 1666917  
Conc: 28.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



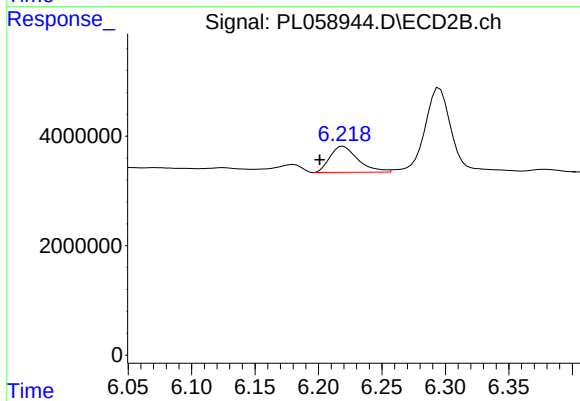
#24 Chlordane-2

R.T.: 5.568 min  
Delta R.T.: 0.016 min  
Response: 1517084  
Conc: 14.87 ng/ml



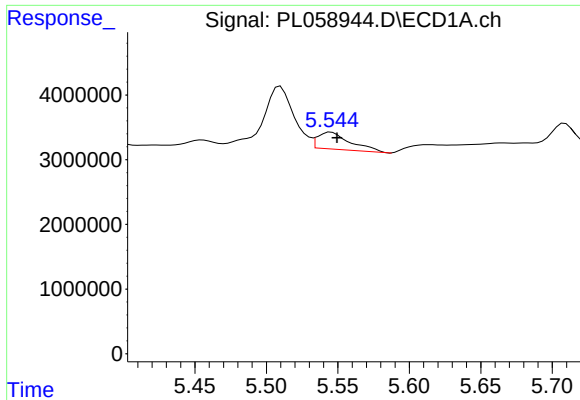
#25 Chlordane-3

R.T.: 5.510 min  
Delta R.T.: 0.019 min  
Response: 12769958  
Conc: 85.15 ng/ml



#25 Chlordane-3

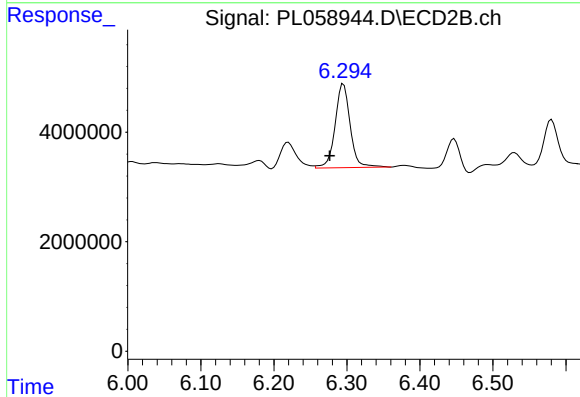
R.T.: 6.220 min  
Delta R.T.: 0.019 min  
Response: 7291430  
Conc: 19.15 ng/ml



#26 Chlordane-4

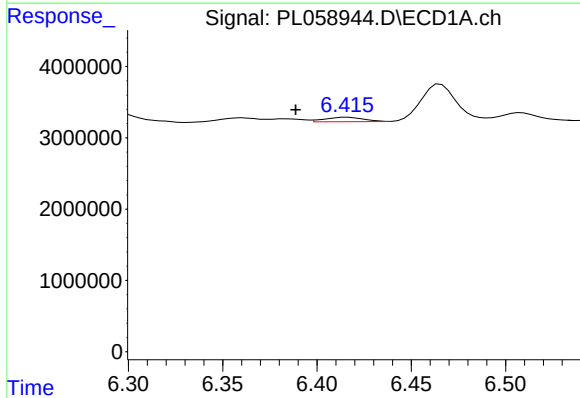
R.T.: 5.545 min  
Delta R.T.: -0.004 min  
Response: 4167623  
Conc: 33.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



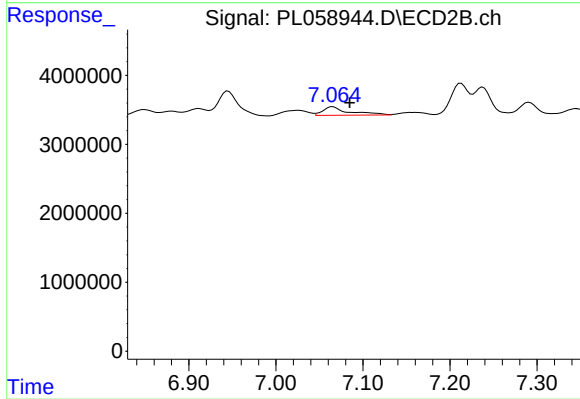
#26 Chlordane-4

R.T.: 6.295 min  
Delta R.T.: 0.019 min  
Response: 21943434  
Conc: 48.19 ng/ml



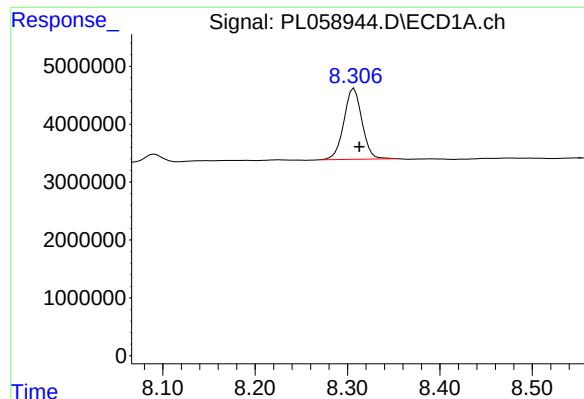
#27 Chlordane-5

R.T.: 6.416 min  
Delta R.T.: 0.027 min  
Response: 886712  
Conc: 16.78 ng/ml



#27 Chlordane-5

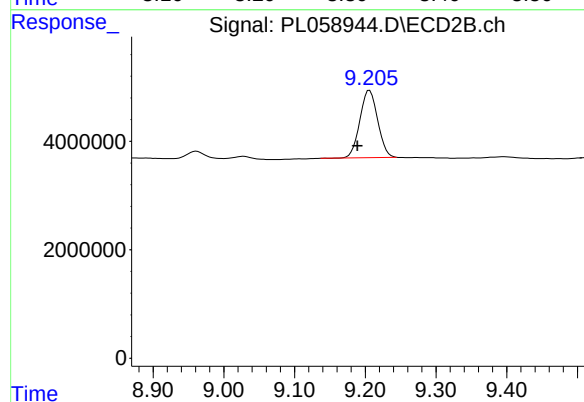
R.T.: 7.065 min  
Delta R.T.: -0.019 min  
Response: 2594130  
Conc: 32.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.307 min  
Delta R.T.: -0.006 min  
Response: 16678947  
Conc: 9.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NM74-COMP-2020-0-6



#28 Decachlorobiphenyl

R.T.: 9.206 min  
Delta R.T.: 0.017 min  
Response: 21730984  
Conc: 8.24 ng/ml