

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
 Data File : PL079017.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2022 12:50  
 Operator : AR\AJ  
 Sample : N5479-04MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TUL-ROS-1104MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 11 14:11:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 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... | 3.323 | 2.569 | 43476062 | 53421465 | 22.798 | 20.923  |
| 28)                         | SA Decachlor... | 8.777 | 7.639 | 29950828 | 40353370 | 19.909 | 21.305  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.784 | 3.056 | 165.1E6  | 195.7E6  | 57.501 | 49.561  |
| 3)                          | MA gamma-BHC... | 4.117 | 3.377 | 148.5E6  | 183.6E6  | 55.592 | 51.077  |
| 4)                          | MA Heptachlor   | 4.688 | 3.704 | 153.1E6  | 178.9E6  | 58.991 | 51.578  |
| 5)                          | MB Aldrin       | 5.026 | 3.976 | 147.1E6  | 183.5E6  | 59.408 | 52.405  |
| 6)                          | B beta-BHC      | 4.332 | 3.677 | 61995899 | 69441282 | 53.817 | 48.396  |
| 7)                          | B delta-BHC     | 4.573 | 3.897 | 108.1E6  | 183.0E6  | 47.481 | 50.267  |
| 8)                          | B Heptachlo...  | 5.460 | 4.473 | 132.5E6  | 153.1E6  | 62.413 | 50.813  |
| 9)                          | A Endosulfan I  | 5.844 | 4.836 | 122.6E6  | 141.1E6  | 57.453 | 49.287  |
| 10)                         | B gamma-Chl...  | 5.716 | 4.721 | 132.5E6  | 152.6E6  | 58.708 | 49.788  |
| 11)                         | B alpha-Chl...  | 5.792 | 4.783 | 133.2E6  | 149.9E6  | 57.550 | 50.302  |
| 12)                         | B 4,4'-DDE      | 5.976 | 4.978 | 117.3E6  | 140.4E6  | 58.613 | 51.579  |
| 13)                         | MA Dieldrin     | 6.122 | 5.096 | 129.0E6  | 156.7E6  | 59.834 | 52.872m |
| 14)                         | MA Endrin       | 6.353 | 5.368 | 116.0E6  | 143.3E6  | 61.143 | 54.993  |
| 15)                         | B Endosulfa...  | 6.583 | 5.665 | 108.1E6  | 130.6E6  | 57.614 | 57.365  |
| 16)                         | A 4,4'-DDD      | 6.501 | 5.527 | 94249368 | 119.6E6  | 56.537 | 54.450m |
| 17)                         | MA 4,4'-DDT     | 6.811 | 5.773 | 102.0E6  | 119.4E6  | 56.886 | 55.035m |
| 18)                         | B Endrin al...  | 6.715 | 5.844 | 89853851 | 104.3E6  | 61.753 | 55.597  |
| 19)                         | B Endosulfa...  | 6.948 | 6.066 | 104.6E6  | 127.9E6  | 56.872 | 53.743  |
| 20)                         | A Methoxychlor  | 7.296 | 6.352 | 55865700 | 65814021 | 60.665 | 57.996  |
| 21)                         | B Endrin ke...  | 7.434 | 6.562 | 108.4E6  | 139.5E6  | 57.595 | 53.958  |
| 22)                         | Mirex           | 7.891 | 6.735 | 80850669 | 105.7E6  | 55.384 | 53.734  |
| -----                       |                 |       |       |          |          |        |         |

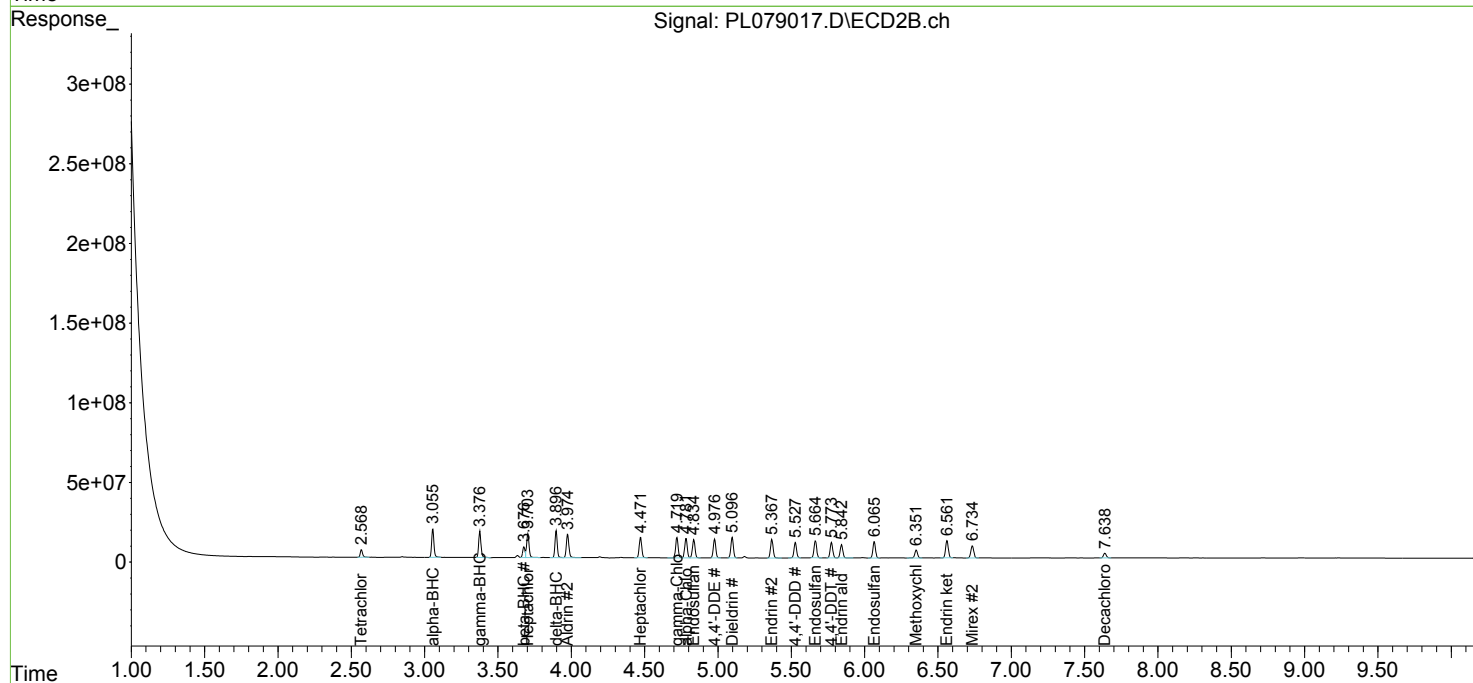
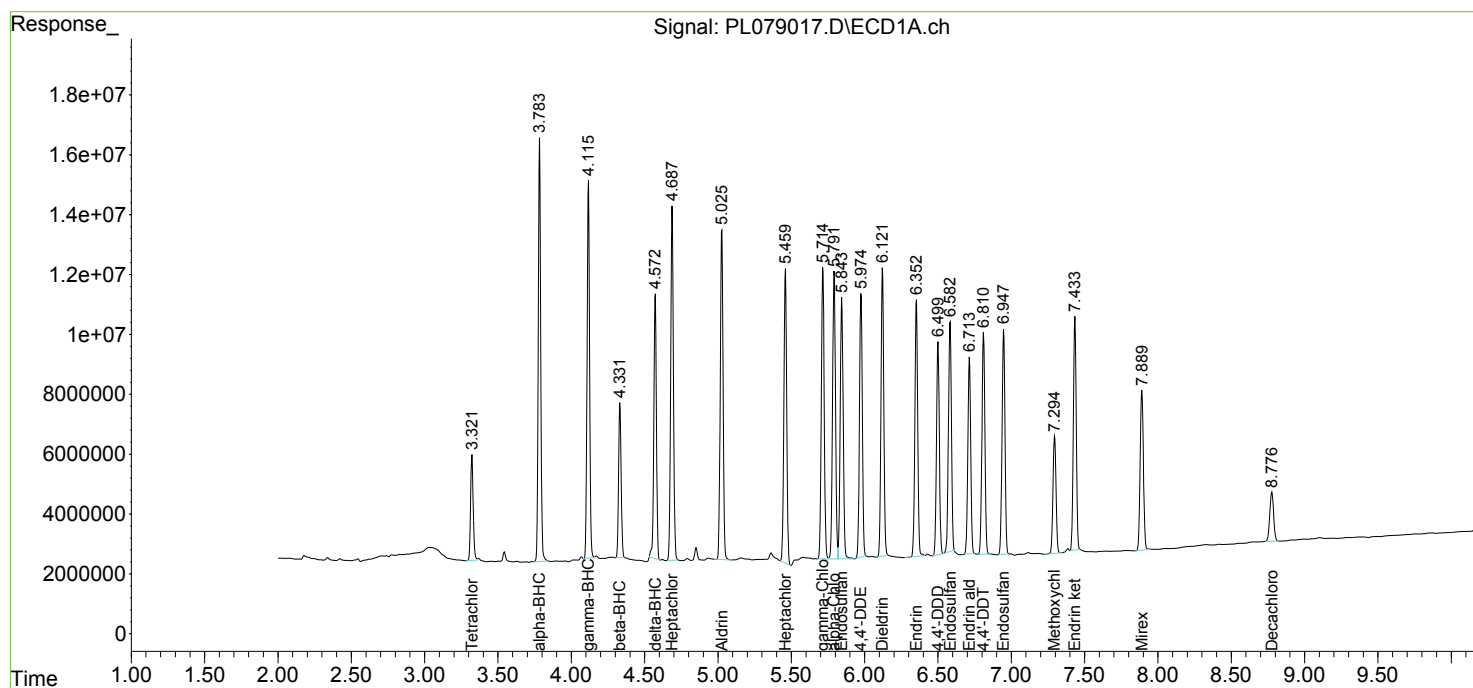
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

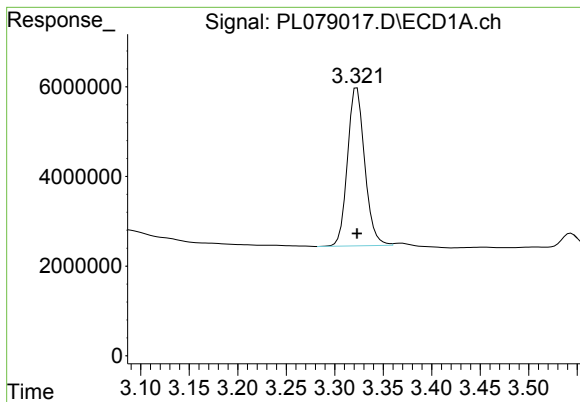
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
Data File : PL079017.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2022 12:50  
Operator : AR\AJ  
Sample : N5479-04MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 14:11:49 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 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

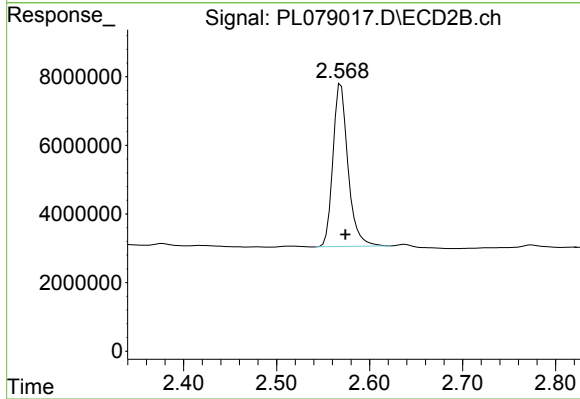




#1 Tetrachloro-m-xylene

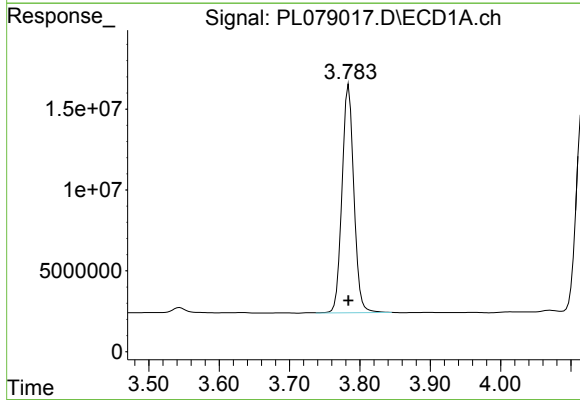
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 43476062  
Conc: 22.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



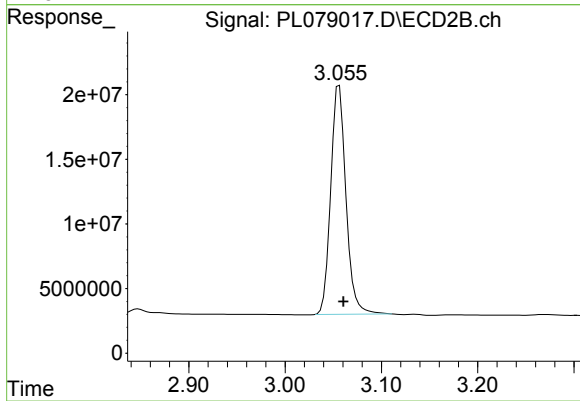
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 53421465  
Conc: 20.92 ng/ml



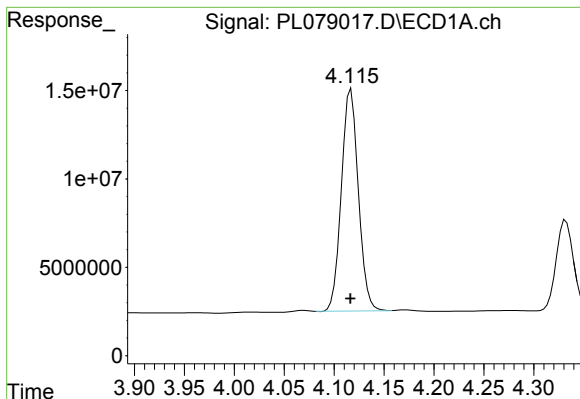
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: 0.000 min  
Response: 165108474  
Conc: 57.50 ng/ml



#2 alpha-BHC

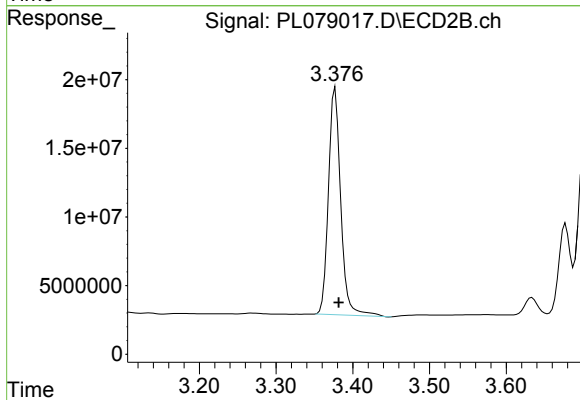
R.T.: 3.056 min  
Delta R.T.: -0.004 min  
Response: 195717803  
Conc: 49.56 ng/ml



#3 gamma-BHC (Lindane)

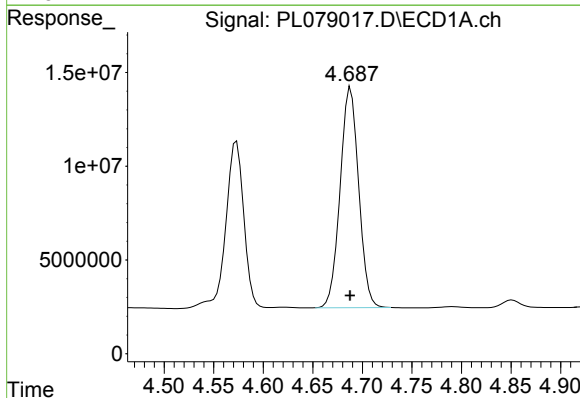
R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 148526222  
Conc: 55.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



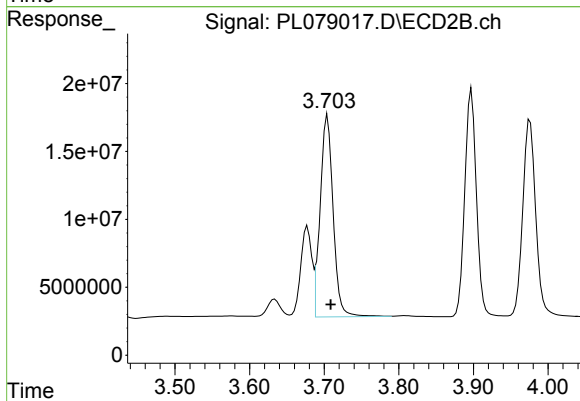
#3 gamma-BHC (Lindane)

R.T.: 3.377 min  
Delta R.T.: -0.005 min  
Response: 183581225  
Conc: 51.08 ng/ml



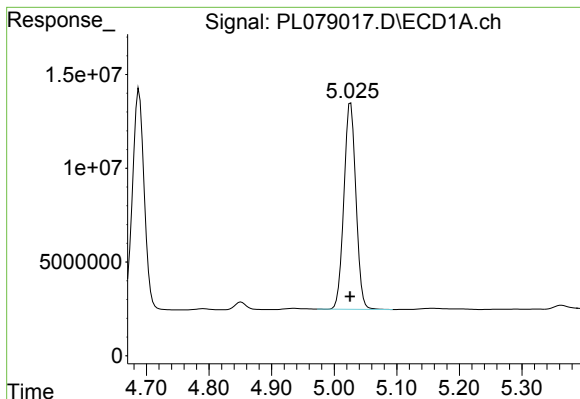
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 153142141  
Conc: 58.99 ng/ml



#4 Heptachlor

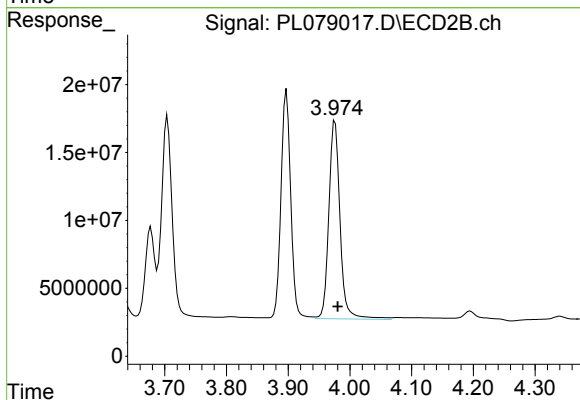
R.T.: 3.704 min  
Delta R.T.: -0.004 min  
Response: 178861207  
Conc: 51.58 ng/ml



#5 Aldrin

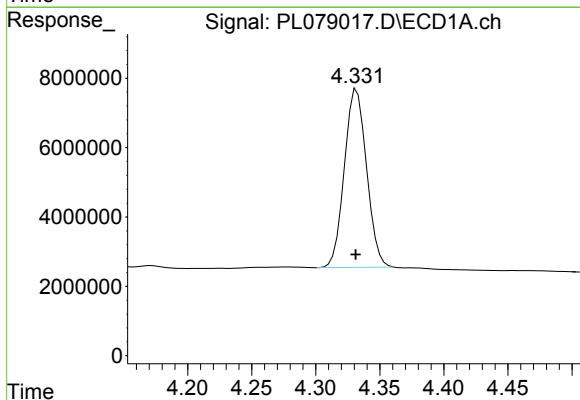
R.T.: 5.026 min  
Delta R.T.: 0.001 min  
Response: 147134992  
Conc: 59.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



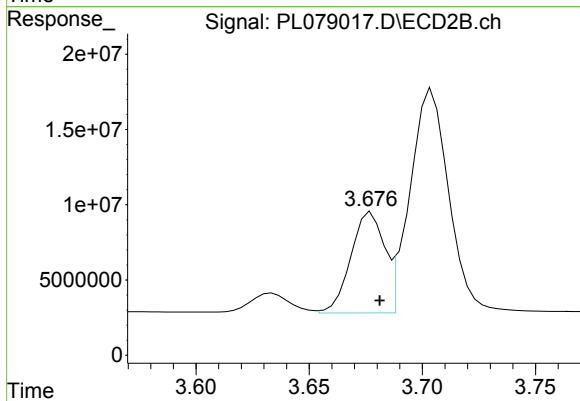
#5 Aldrin

R.T.: 3.976 min  
Delta R.T.: -0.005 min  
Response: 183506456  
Conc: 52.40 ng/ml



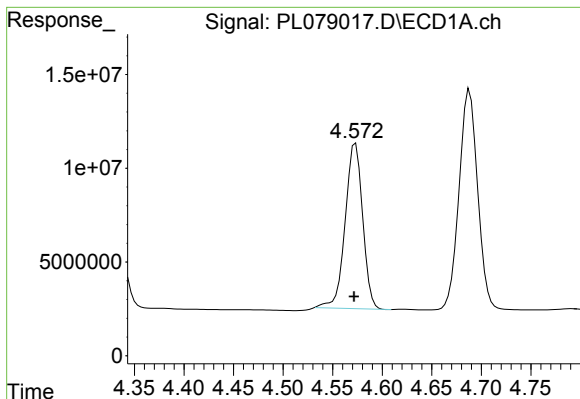
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.001 min  
Response: 61995899  
Conc: 53.82 ng/ml



#6 beta-BHC

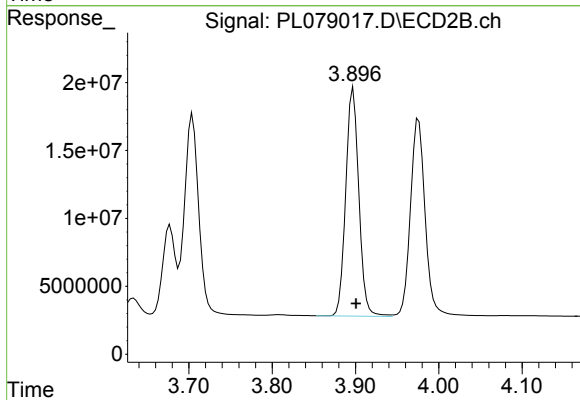
R.T.: 3.677 min  
Delta R.T.: -0.004 min  
Response: 69441282  
Conc: 48.40 ng/ml



#7 delta-BHC

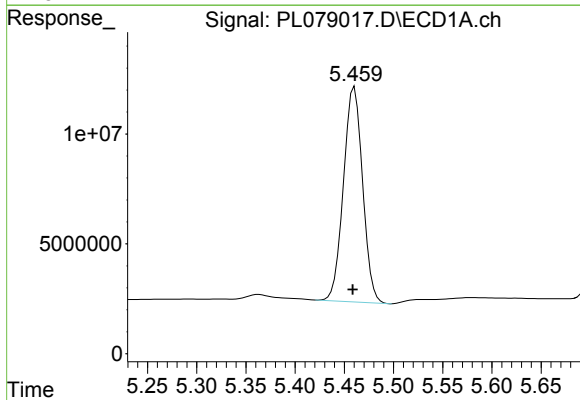
R.T.: 4.573 min  
Delta R.T.: 0.002 min  
Response: 108107088  
Conc: 47.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



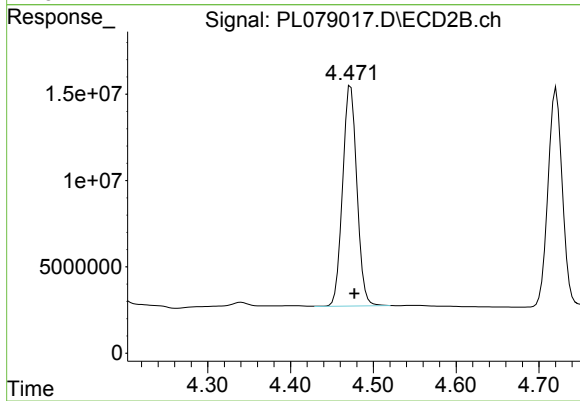
#7 delta-BHC

R.T.: 3.897 min  
Delta R.T.: -0.004 min  
Response: 183037459  
Conc: 50.27 ng/ml



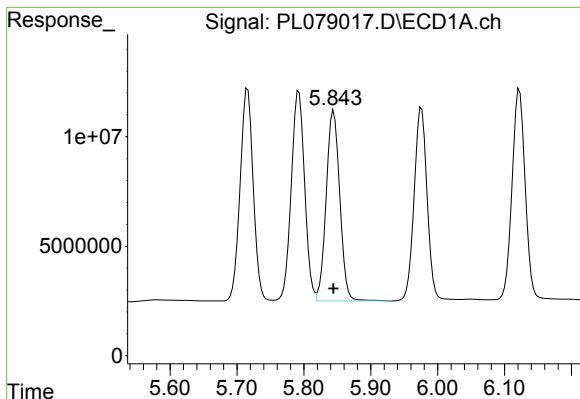
#8 Heptachlor epoxide

R.T.: 5.460 min  
Delta R.T.: 0.002 min  
Response: 132503579  
Conc: 62.41 ng/ml



#8 Heptachlor epoxide

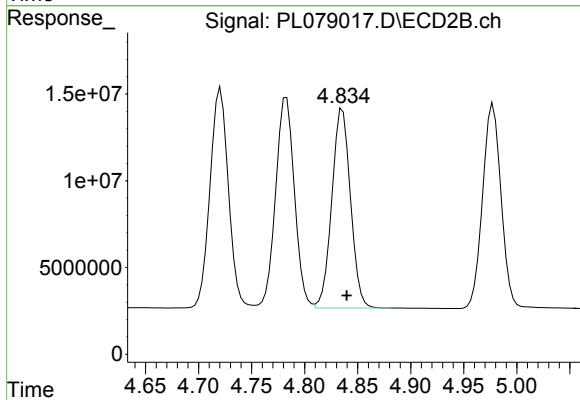
R.T.: 4.473 min  
Delta R.T.: -0.005 min  
Response: 153110280  
Conc: 50.81 ng/ml



#9 Endosulfan I

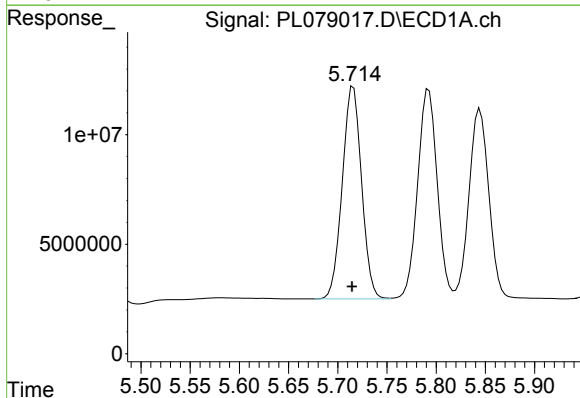
R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 122579876  
Conc: 57.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



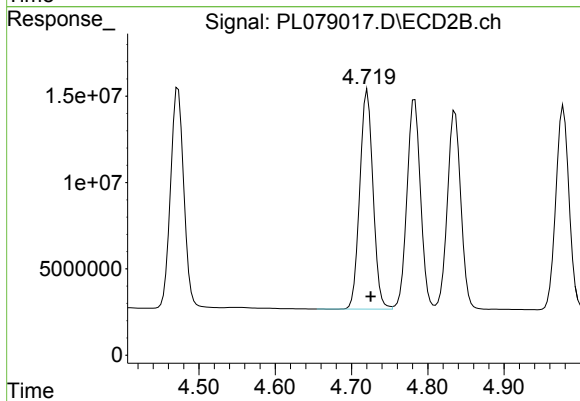
#9 Endosulfan I

R.T.: 4.836 min  
Delta R.T.: -0.004 min  
Response: 141090730  
Conc: 49.29 ng/ml



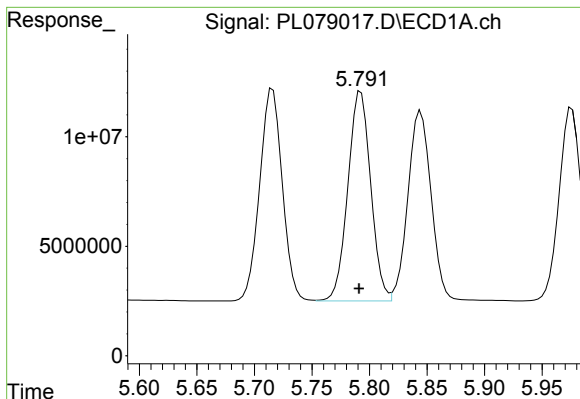
#10 gamma-Chlordane

R.T.: 5.716 min  
Delta R.T.: 0.001 min  
Response: 132512809  
Conc: 58.71 ng/ml



#10 gamma-Chlordane

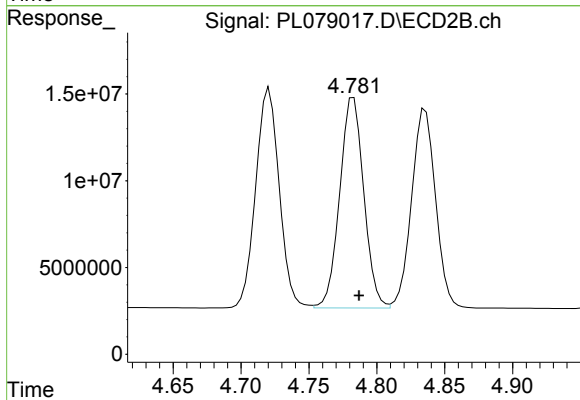
R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 152574336  
Conc: 49.79 ng/ml



#11 alpha-Chlordane

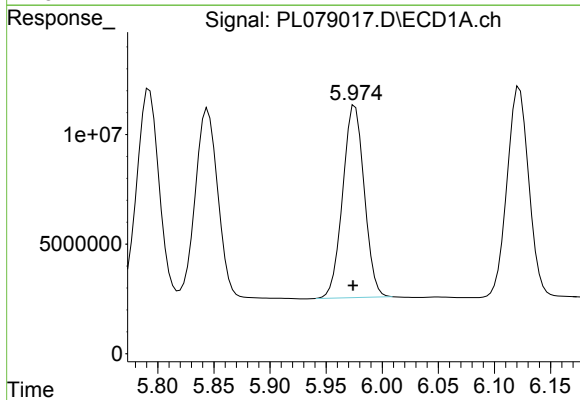
R.T.: 5.792 min  
Delta R.T.: 0.002 min  
Response: 133159058  
Conc: 57.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



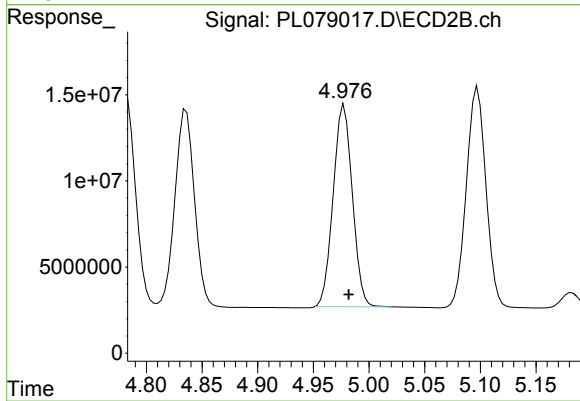
#11 alpha-Chlordane

R.T.: 4.783 min  
Delta R.T.: -0.004 min  
Response: 149919164  
Conc: 50.30 ng/ml



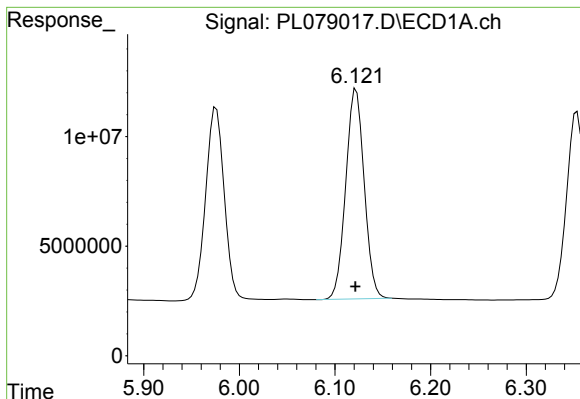
#12 4,4'-DDE

R.T.: 5.976 min  
Delta R.T.: 0.002 min  
Response: 117305560  
Conc: 58.61 ng/ml



#12 4,4'-DDE

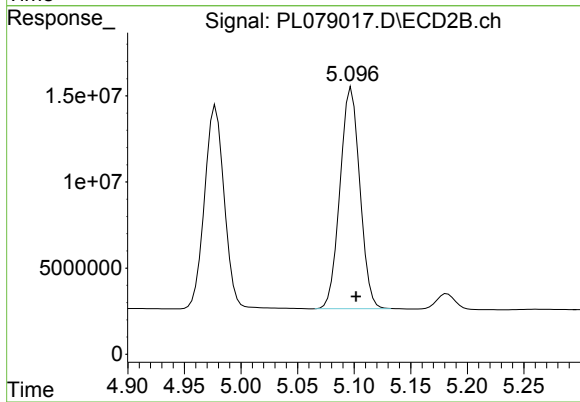
R.T.: 4.978 min  
Delta R.T.: -0.004 min  
Response: 140426542  
Conc: 51.58 ng/ml



#13 Dieldrin

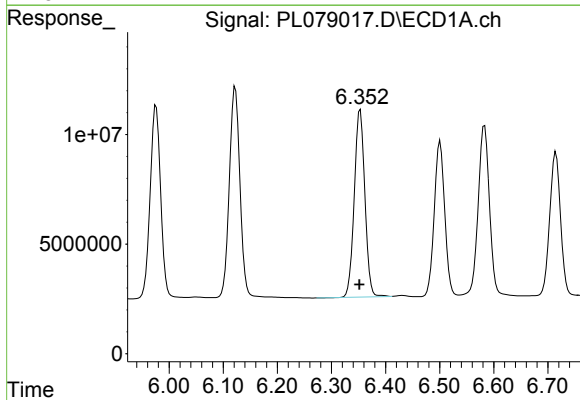
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 129032950  
Conc: 59.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



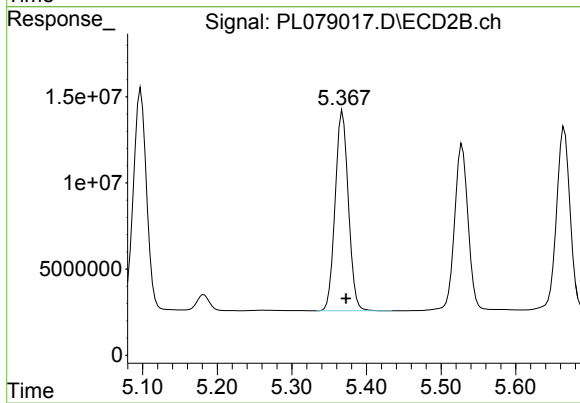
#13 Dieldrin

R.T.: 5.096 min  
Delta R.T.: -0.005 min  
Response: 156664885  
Conc: 52.87 ng/ml m



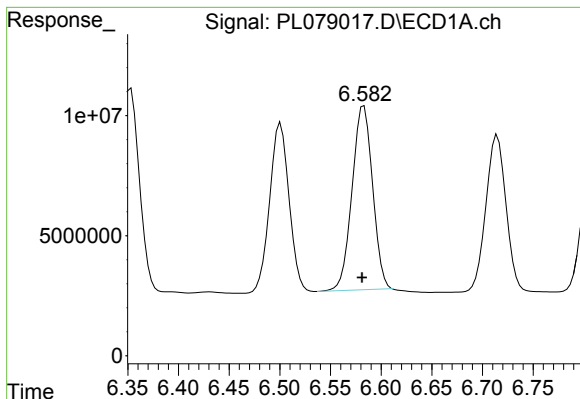
#14 Endrin

R.T.: 6.353 min  
Delta R.T.: 0.002 min  
Response: 116038771  
Conc: 61.14 ng/ml



#14 Endrin

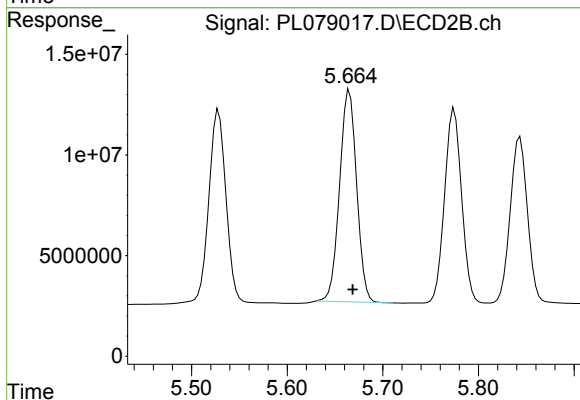
R.T.: 5.368 min  
Delta R.T.: -0.005 min  
Response: 143271107  
Conc: 54.99 ng/ml



#15 Endosulfan II

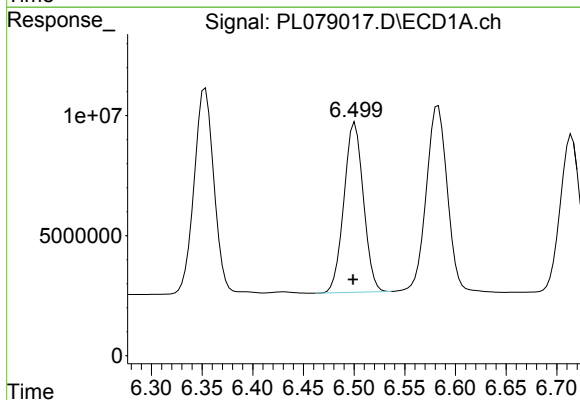
R.T.: 6.583 min  
Delta R.T.: 0.002 min  
Response: 108094108  
Conc: 57.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



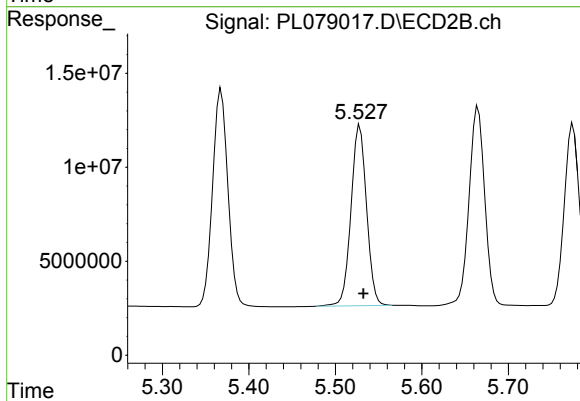
#15 Endosulfan II

R.T.: 5.665 min  
Delta R.T.: -0.003 min  
Response: 130577315  
Conc: 57.36 ng/ml



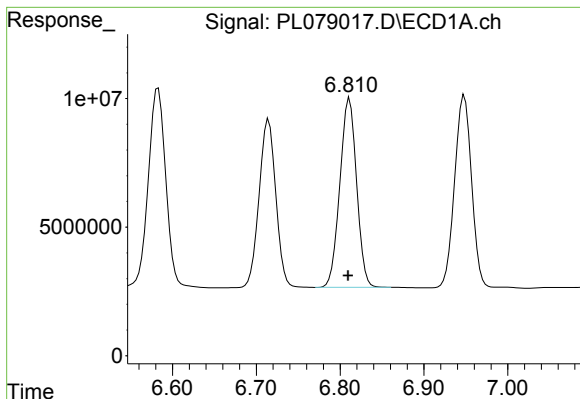
#16 4,4'-DDD

R.T.: 6.501 min  
Delta R.T.: 0.002 min  
Response: 94249368  
Conc: 56.54 ng/ml



#16 4,4'-DDD

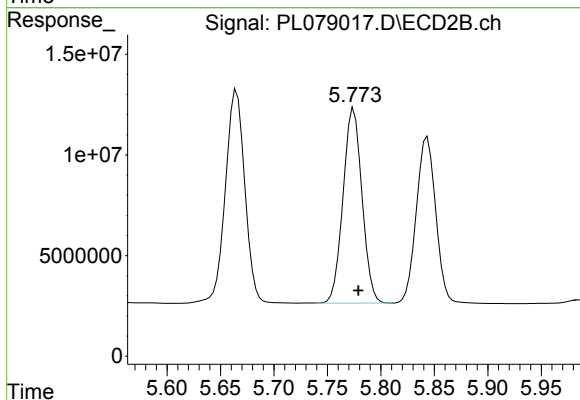
R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: 119593452  
Conc: 54.45 ng/ml m



#17 4,4'-DDT

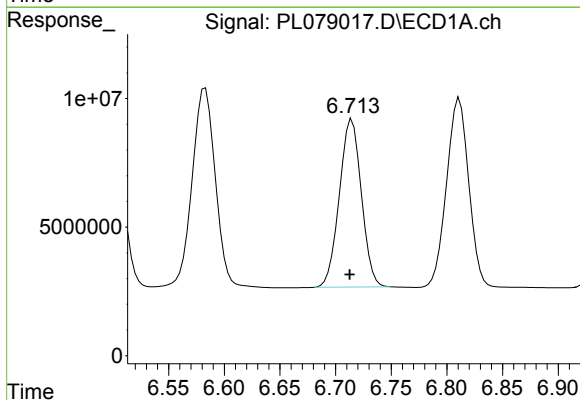
R.T.: 6.811 min  
Delta R.T.: 0.002 min  
Response: 101957504  
Conc: 56.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



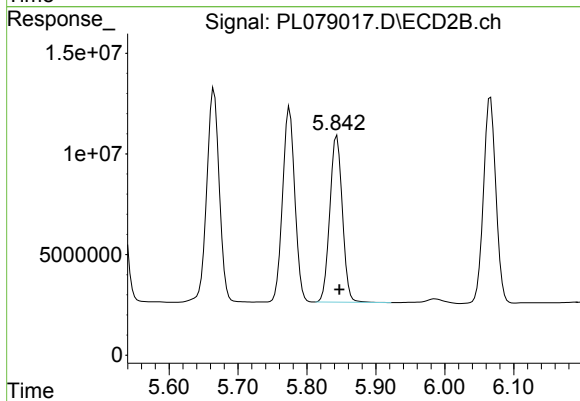
#17 4,4'-DDT

R.T.: 5.773 min  
Delta R.T.: -0.006 min  
Response: 119377976  
Conc: 55.04 ng/ml m



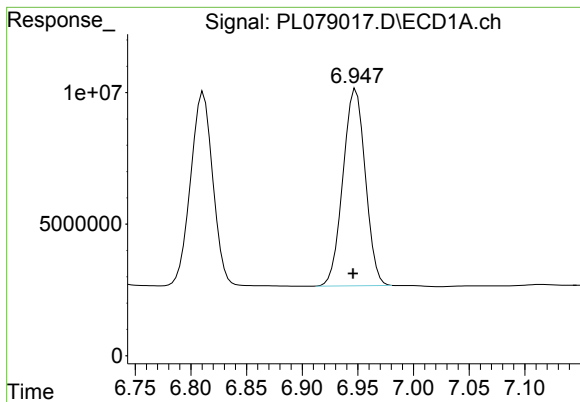
#18 Endrin aldehyde

R.T.: 6.715 min  
Delta R.T.: 0.002 min  
Response: 89853851  
Conc: 61.75 ng/ml



#18 Endrin aldehyde

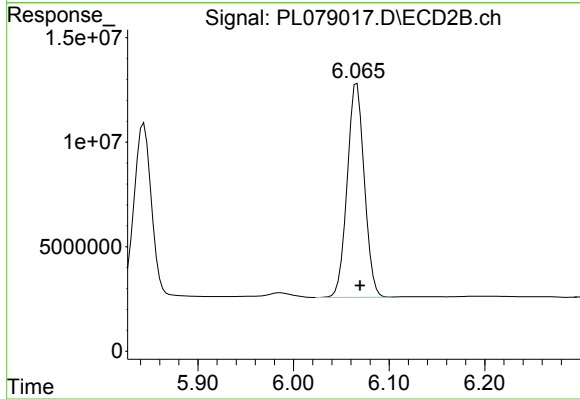
R.T.: 5.844 min  
Delta R.T.: -0.004 min  
Response: 104344098  
Conc: 55.60 ng/ml



#19 Endosulfan Sulfate

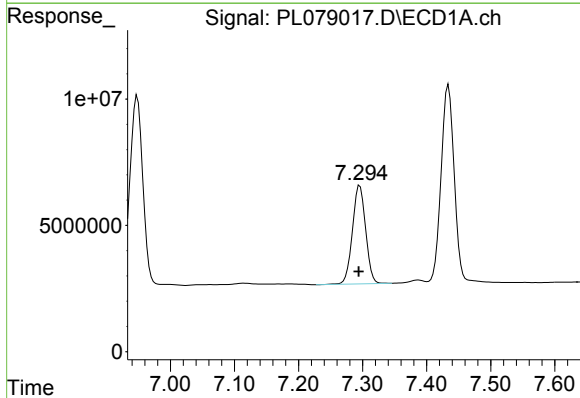
R.T.: 6.948 min  
Delta R.T.: 0.002 min  
Response: 104640715  
Conc: 56.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



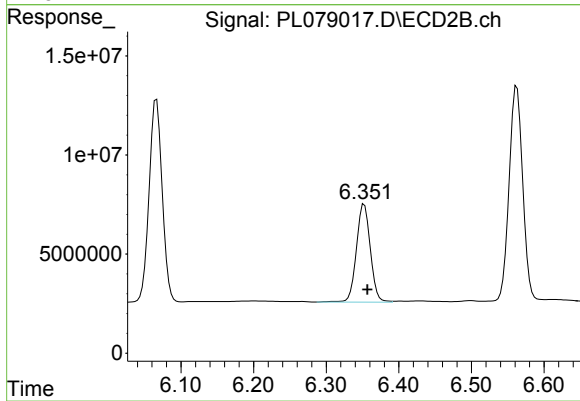
#19 Endosulfan Sulfate

R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 127933926  
Conc: 53.74 ng/ml



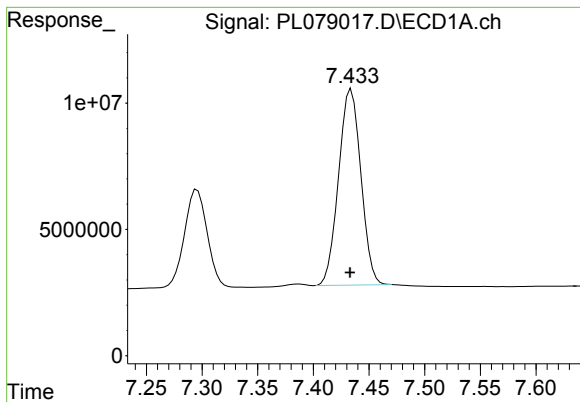
#20 Methoxychlor

R.T.: 7.296 min  
Delta R.T.: 0.002 min  
Response: 55865700  
Conc: 60.67 ng/ml



#20 Methoxychlor

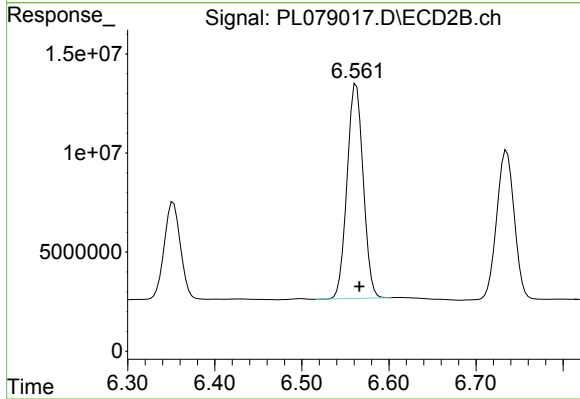
R.T.: 6.352 min  
Delta R.T.: -0.004 min  
Response: 65814021  
Conc: 58.00 ng/ml



#21 Endrin ketone

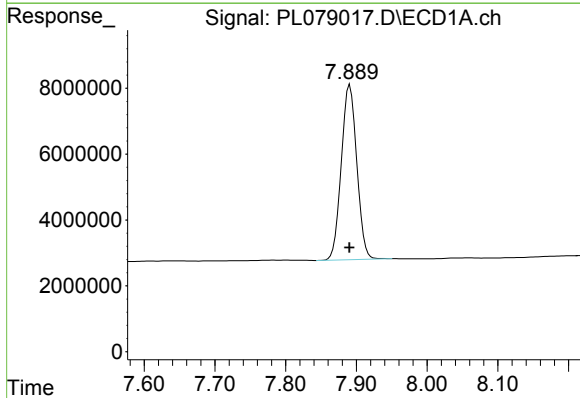
R.T.: 7.434 min  
Delta R.T.: 0.001 min  
Response: 108359183  
Conc: 57.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



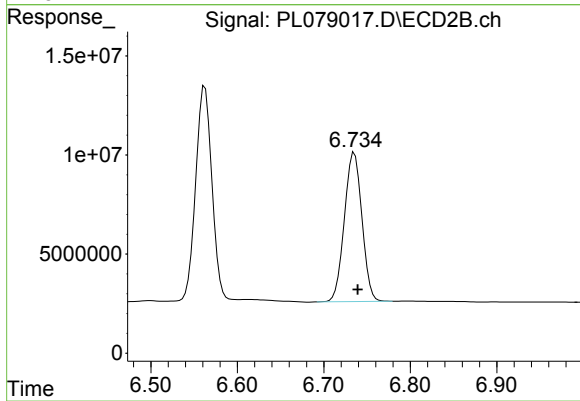
#21 Endrin ketone

R.T.: 6.562 min  
Delta R.T.: -0.004 min  
Response: 139467245  
Conc: 53.96 ng/ml



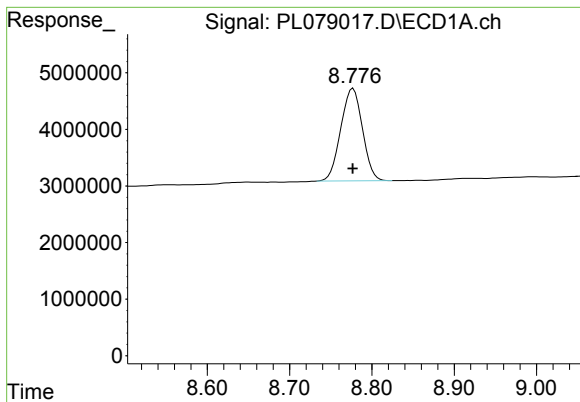
#22 Mirex

R.T.: 7.891 min  
Delta R.T.: 0.000 min  
Response: 80850669  
Conc: 55.38 ng/ml



#22 Mirex

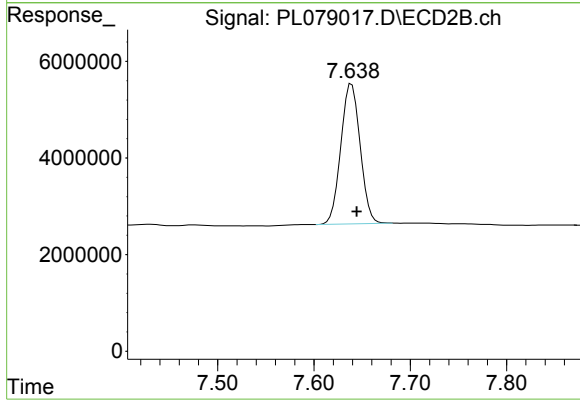
R.T.: 6.735 min  
Delta R.T.: -0.004 min  
Response: 105745583  
Conc: 53.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.777 min  
Delta R.T.: 0.000 min  
Response: 29950828  
Conc: 19.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TUL-ROS-1104MS



#28 Decachlorobiphenyl

R.T.: 7.639 min  
Delta R.T.: -0.005 min  
Response: 40353370  
Conc: 21.30 ng/ml