

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN030316\
 Data File : HN007661.D
 Signal(s) : vwd1A.ch
 Acq On : 03-Mar-2016, 21:05
 Operator : UM/MA
 Sample : G4825-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 LOQ-WATER2016-02

Manual Integrations
 APPROVED

Sohil
 3/4/2016 3:35:17 PM

Integration File: autoint1.e
 Quant Time: Mar 04 14:57:30 2016
 Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN030316.M
 Quant Title :
 QLast Update : Fri Mar 04 14:57:28 2016
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.328	2138576	574.088 ug/L
Target Compounds			
2) T HMX	0.895	869136	221.286 ug/L
3) T RDX	1.714	1149337	223.776 ug/L
4) T 1,3,5-Trinitrobenzene	2.648	2325606	221.893 ug/L
5) T 1,3-Dinitrobenzene	3.525	3557566	228.914 ng/ml
6) T 3,5-Dinitroaniline	3.925	2814855	234.303 ug/L
7) T Nitrobenzene	4.709	2126017	228.859 ug/L
8) T Tetryl	6.272	1361277	239.636 ug/L
9) T 2,4,6-Trinitrotoluene	6.484	2538103	231.754 ug/L
10) T 2-Amino-4,6-dinitroto...	7.102	2263705	223.222 ug/L
11) T 4-Amino-2,6-dinitroto...	7.460	1546535	239.229 ug/L
12) T 2,4-Dinitrotoluene	8.130	3296276	237.352 ug/L
13) T 2,6-Dinitrotoluene	8.529	1816956	228.307 ug/L
14) T 2-Nitrotoluene	11.662	1254145	207.095 ug/L
15) T 4-Nitrotoluene	12.398	983786	199.444 ug/L m
16) T 3-Nitrotoluene	13.649	1346811	212.190 ug/L m
17) T PETN	18.767	1828472	196.778 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN030316\
Data File : HN007661.D
Signal(s) : vwd1A.ch
Acq On : 03-Mar-2016, 21:05
Operator : UM/MA
Sample : G4825-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

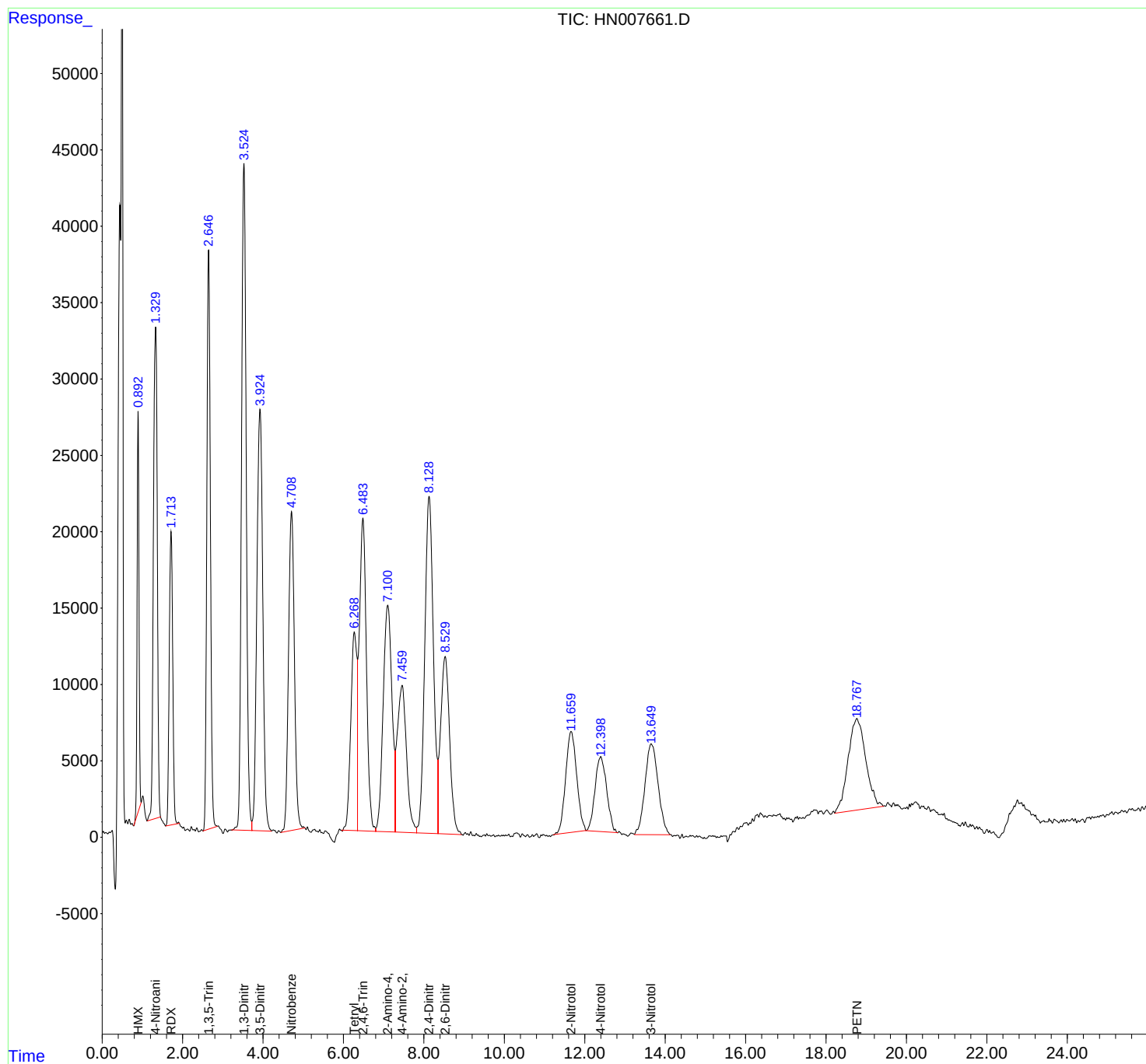
Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2016-02

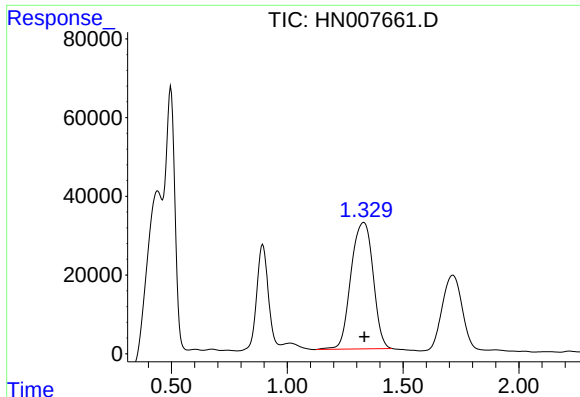
Manual Integrations
APPROVED

Sohil
3/4/2016 3:35:17 PM

Integration File: autoint1.e
Quant Time: Mar 04 14:57:30 2016
Quant Method : Z:\HPCHEM1\HPLC_N\Methods\HN030316.M
Quant Title :
QLast Update : Fri Mar 04 14:57:28 2016
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





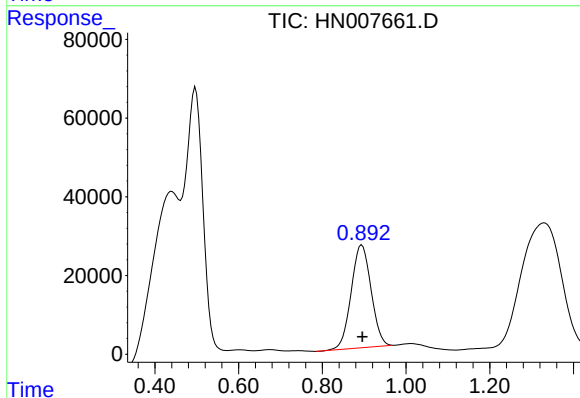
#1 4-Nitroaniline

R.T.: 1.328 min
Delta R.T.: -0.005 min
Response: 2138576
Conc: 574.09 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2016-02

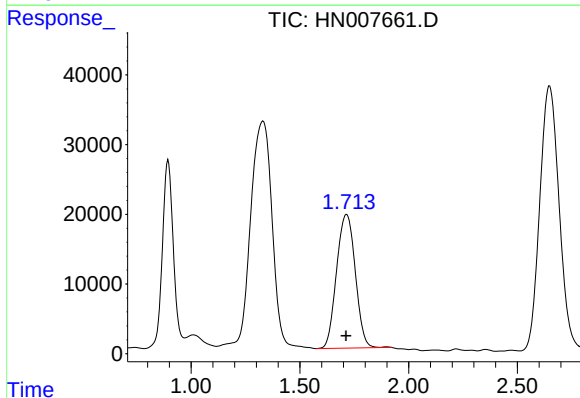
Manual Integrations
APPROVED

Sohil
3/4/2016 3:35:17 PM



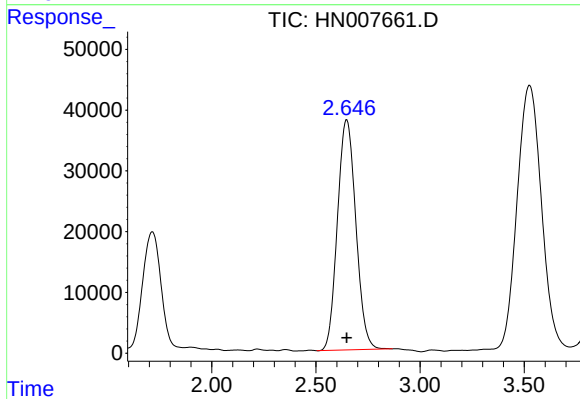
#2 HMX

R.T.: 0.895 min
Delta R.T.: -0.001 min
Response: 869136
Conc: 221.29 ug/L



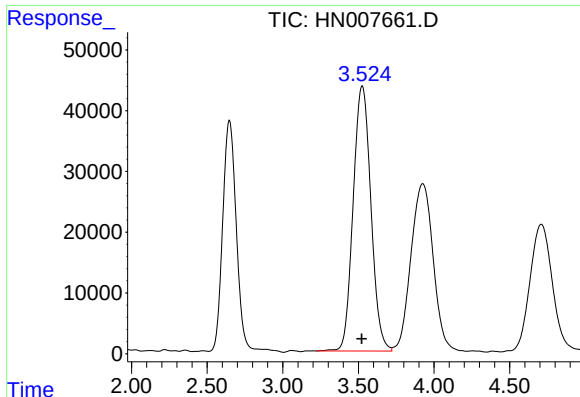
#3 RDX

R.T.: 1.714 min
Delta R.T.: 0.001 min
Response: 1149337
Conc: 223.78 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 2325606
Conc: 221.89 ug/L



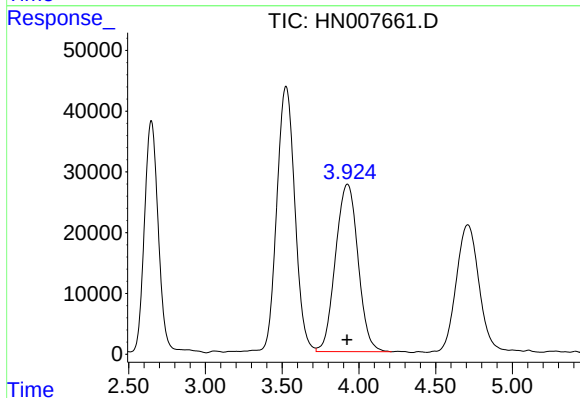
#5 1,3-Dinitrobenzene

R.T.: 3.525 min
Delta R.T.: 0.003 min
Response: 3557566
Conc: 228.91 ng/ml

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2016-02

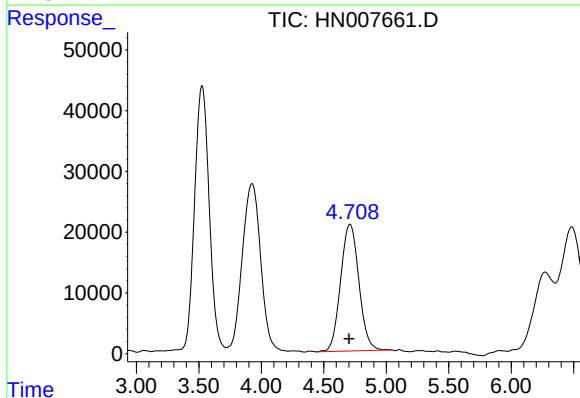
Manual Integrations
APPROVED

Sohil
3/4/2016 3:35:17 PM



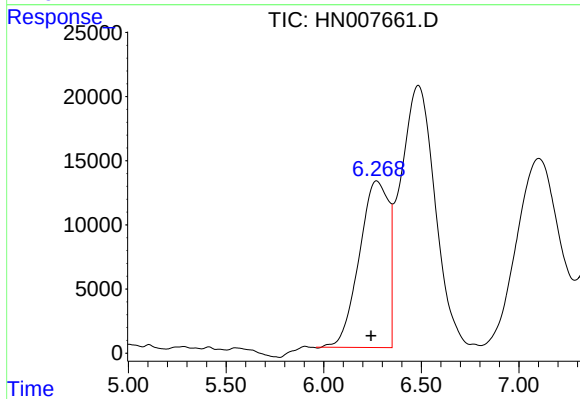
#6 3,5-Dinitroaniline

R.T.: 3.925 min
Delta R.T.: 0.002 min
Response: 2814855
Conc: 234.30 ug/L



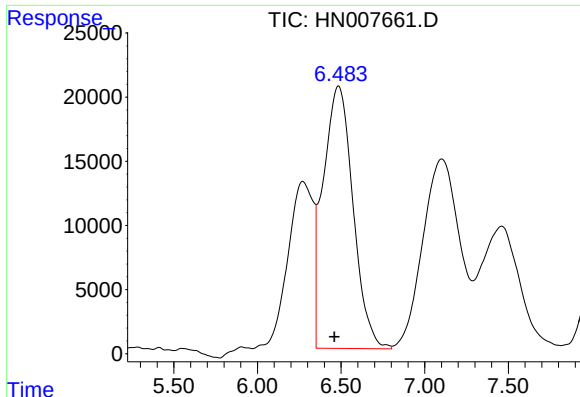
#7 Nitrobenzene

R.T.: 4.709 min
Delta R.T.: 0.008 min
Response: 2126017
Conc: 228.86 ug/L



#8 Tetryl

R.T.: 6.272 min
Delta R.T.: 0.029 min
Response: 1361277
Conc: 239.64 ug/L



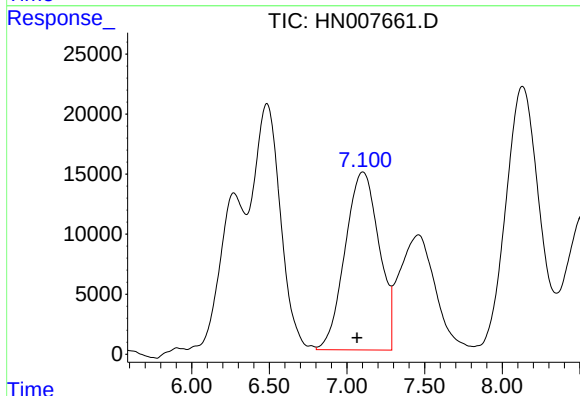
#9 2,4,6-Trinitrotoluene

R.T.: 6.484 min
Delta R.T.: 0.024 min
Response: 2538103
Conc: 231.75 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2016-02

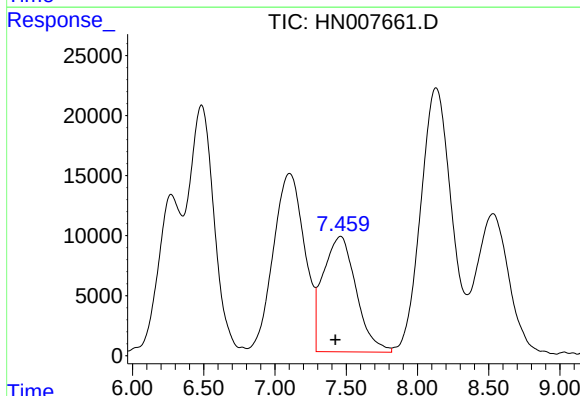
Manual Integrations
APPROVED

Sohil
3/4/2016 3:35:17 PM



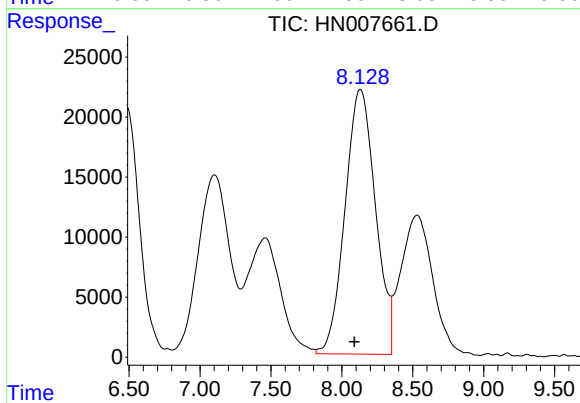
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.102 min
Delta R.T.: 0.038 min
Response: 2263705
Conc: 223.22 ug/L



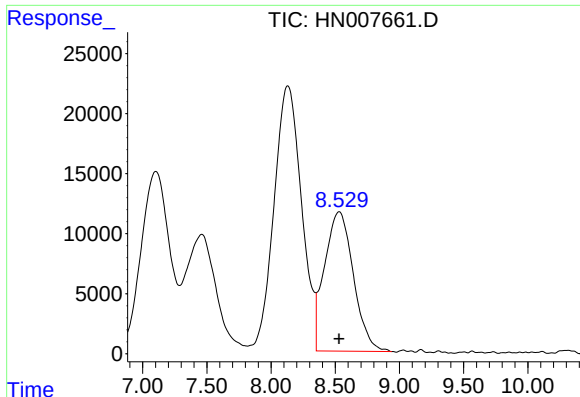
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.460 min
Delta R.T.: 0.035 min
Response: 1546535
Conc: 239.23 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.130 min
Delta R.T.: 0.041 min
Response: 3296276
Conc: 237.35 ug/L



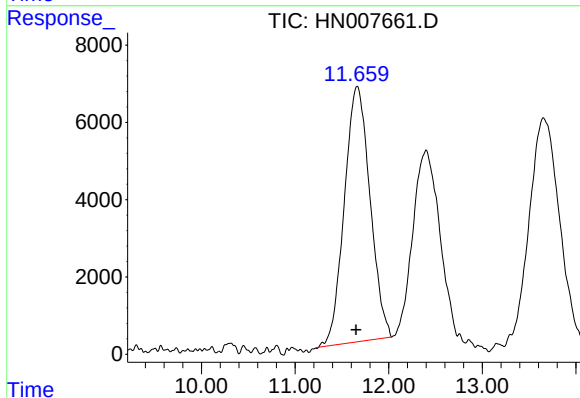
#13 2,6-Dinitrotoluene

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 1816956
Conc: 228.31 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2016-02

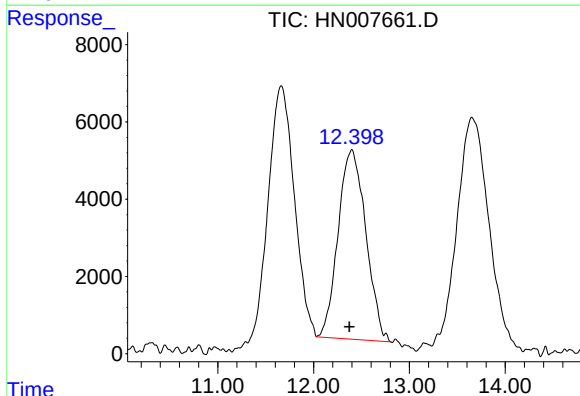
Manual Integrations
APPROVED

Sohil
3/4/2016 3:35:17 PM



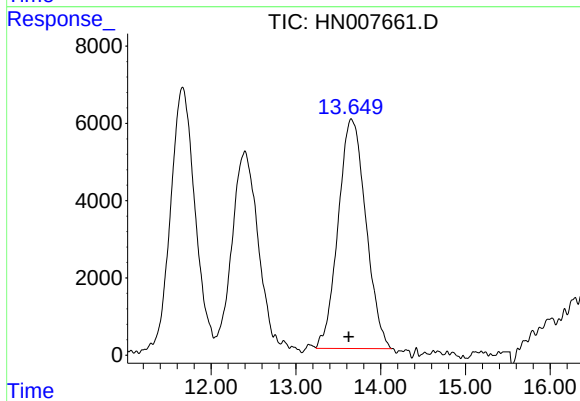
#14 2-Nitrotoluene

R.T.: 11.662 min
Delta R.T.: 0.011 min
Response: 1254145
Conc: 207.10 ug/L



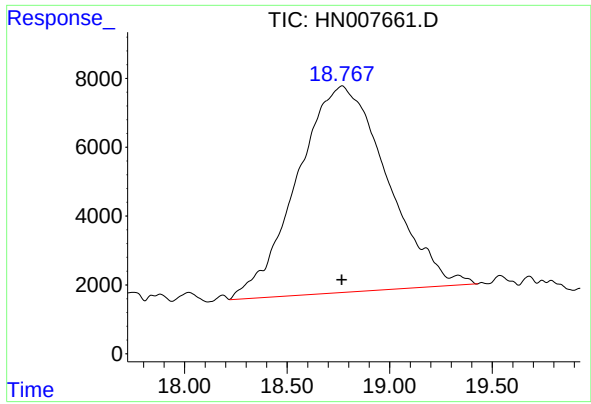
#15 4-Nitrotoluene

R.T.: 12.398 min
Delta R.T.: 0.022 min
Response: 983786
Conc: 199.44 ug/L m



#16 3-Nitrotoluene

R.T.: 13.649 min
Delta R.T.: 0.025 min
Response: 1346811
Conc: 212.19 ug/L m



#17 PETN

R.T.: 18.767 min
Delta R.T.: 0.000 min
Response: 1828472
Conc: 196.78 ug/L

Instrument :
HPLC_N
ClientSampleId :
LOQ-WATER2016-02

Manual Integrations
APPROVED

Sohil
3/4/2016 3:35:17 PM