

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN101714\
 Data File : HN006453.D
 Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH
 Acq On : 18-Oct-2014, 13:04
 Operator : HNP
 Sample : F4312-18MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB02-1014MS

Manual Integrations
 APPROVED

mohammad
 3/9/2015 5:11:02 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 13:59:41 2015
 Quant Method : Z:\HPCHEM1\HPLC_N\methods\HN100214.M
 Quant Title :
 QLast Update : Thu Mar 05 12:00:22 2015
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.303	514481	150.998 ug/L
Target Compounds			
2) T HMX	0.872	549229	121.835 ug/L
3) T RDX	1.688	1312376	250.314 ug/L m
4) T 1,3,5-Trinitrobenzene	2.666	1247236	116.178 ug/L
5) T 1,3-Dinitrobenzene	3.543	2055108	125.967 ng/ml
6) T 3,5-Dinitroaniline	3.892	1488880	128.056 ug/L
7) T Nitrobenzene	4.792	1228749	122.012 ug/L
8) T Tetryl	6.300	916958	141.541 ug/L
9) T 2,4,6-Trinitrotoluene	6.582	1425636	129.969 ug/L
10) T 2-Amino-4,6-dinitroto...	7.061	1387152	120.495 ug/L
11) T 4-Amino-2,6-dinitroto...	7.428	845600	138.115 ug/L
12) T 2,4-Dinitrotoluene	8.242	1924469	124.824 ug/L
13) T 2,6-Dinitrotoluene	8.665	1044139	125.365 ug/L
14) T 2-Nitrotoluene	11.996	730350	111.202 ug/L
15) T 4-Nitrotoluene	12.757	629773	117.559 ug/L
16) T 3-Nitrotoluene	14.089	869282	125.872 ug/L
17) T PETN	19.267	1053941	141.257 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN101714\
Data File : HN006453.D
Signal(s) : Signal #1: VWD1A.CH Signal #2: VWD1A.CH
Acq On : 18-Oct-2014, 13:04
Operator : HNP
Sample : F4312-18MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

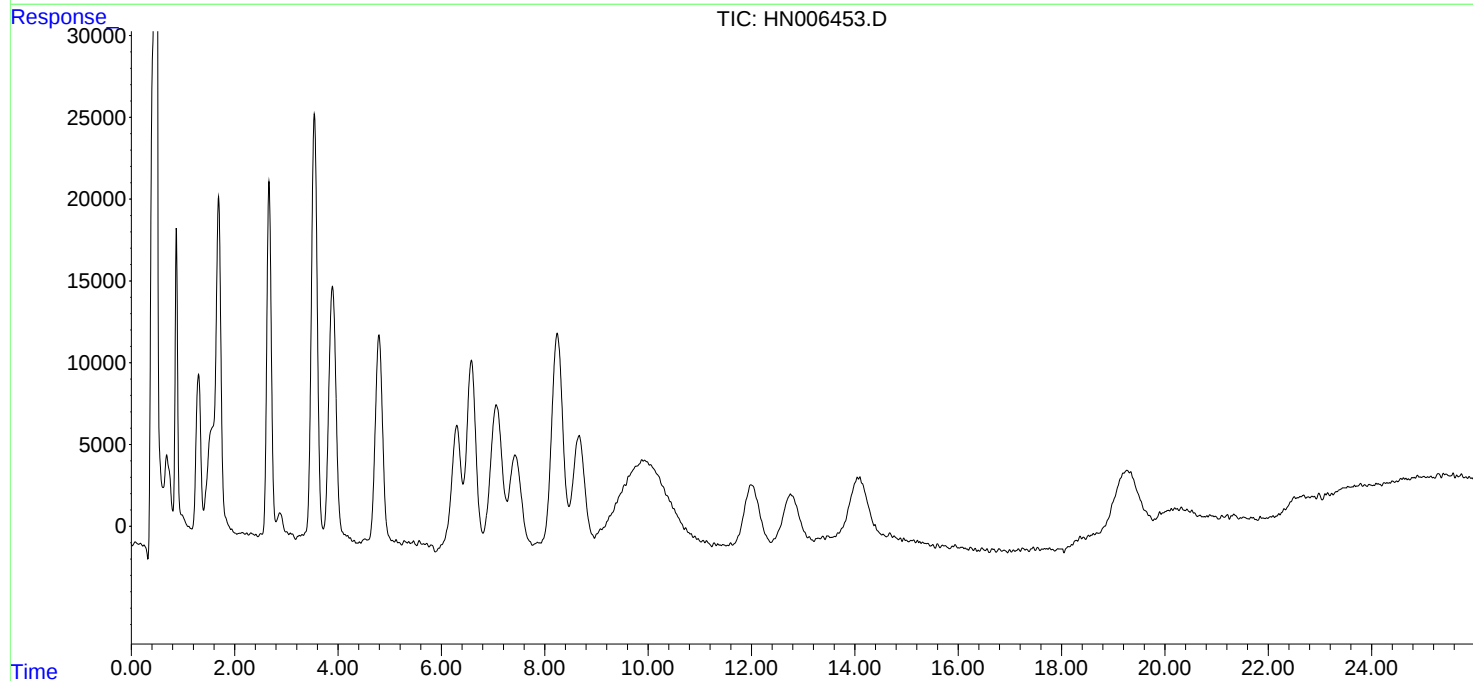
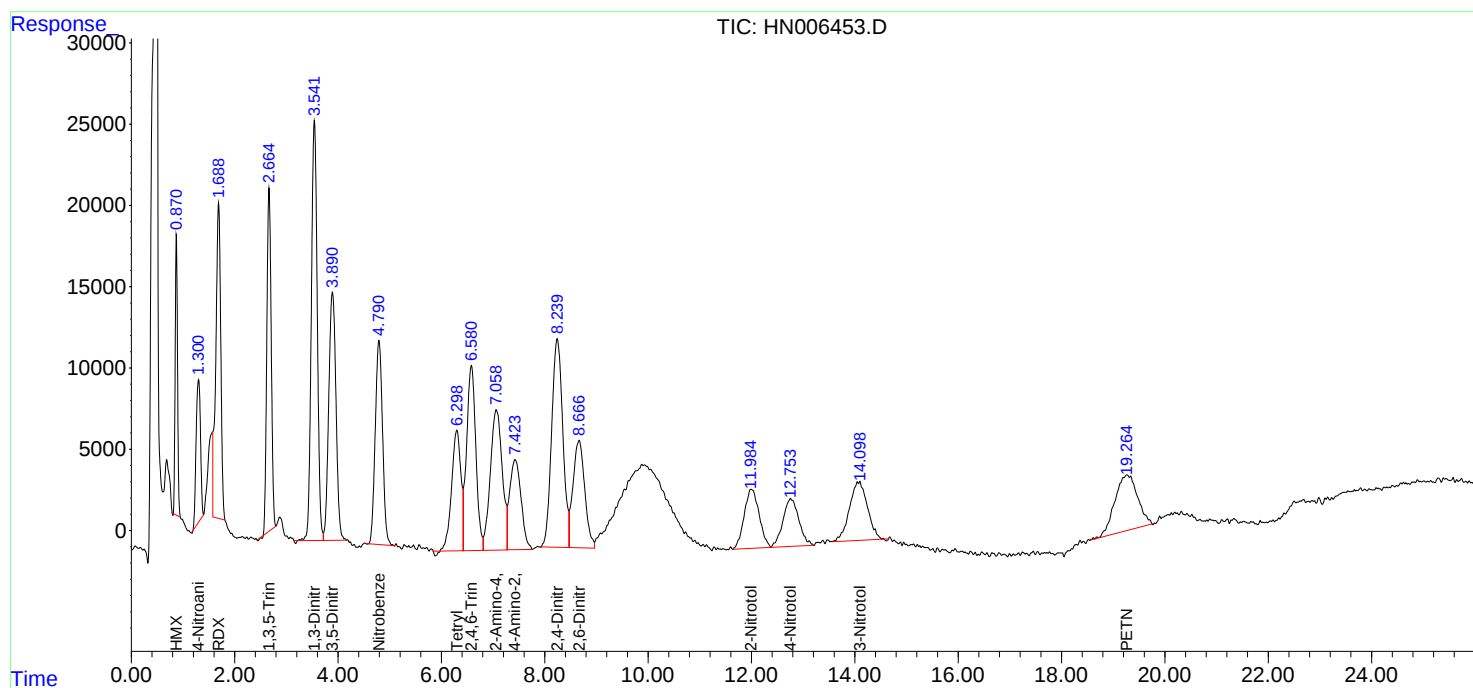
Instrument :
HPLC_N
ClientSampleId :
YS19-SB02-1014MS

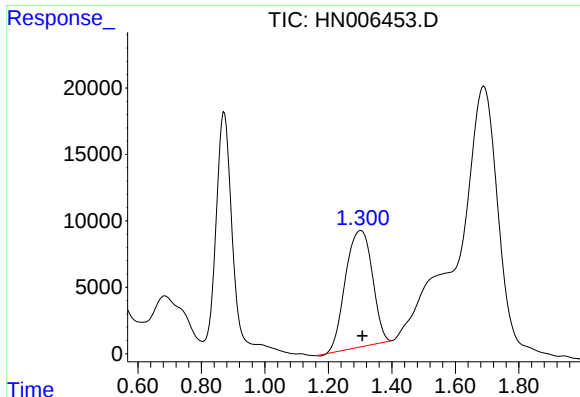
Manual Integrations
APPROVED

mohammad
3/9/2015 5:11:02 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 13:59:41 2015
Quant Method : Z:\HPCHEM1\HPLC_N\methods\HN100214.M
Quant Title :
QLast Update : Thu Mar 05 12:00:22 2015
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 50 ul
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





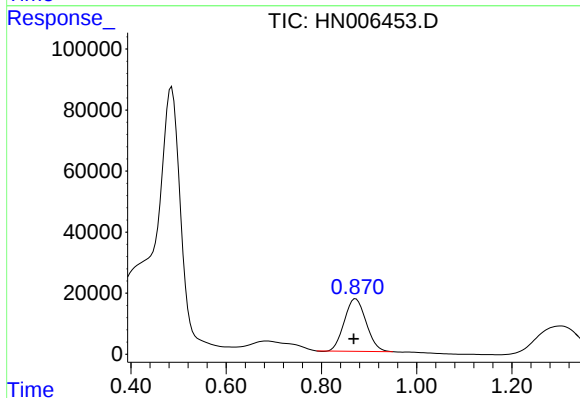
#1 4-Nitroaniline

R.T.: 1.303 min
Delta R.T.: -0.004 min
Response: 514481
Conc: 151.00 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SB02-1014MS

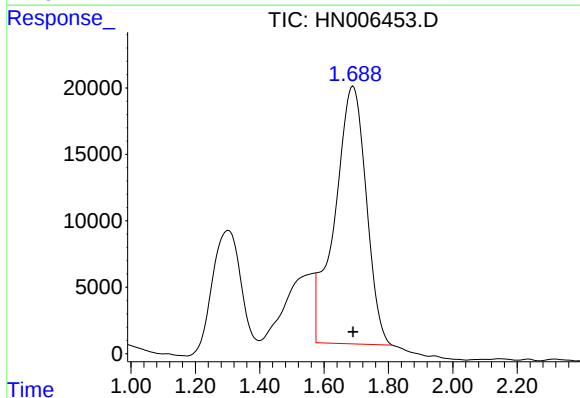
Manual Integrations
APPROVED

mohammad
3/9/2015 5:11:02 PM



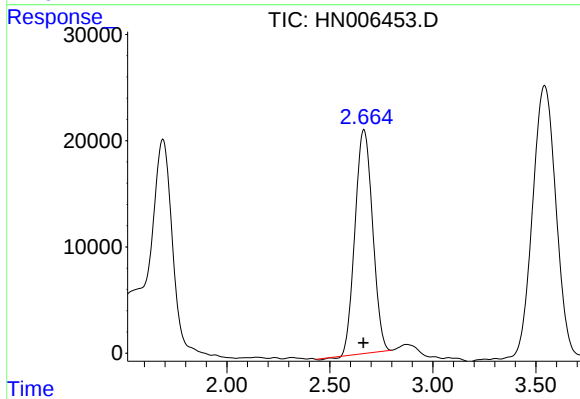
#2 HMX

R.T.: 0.872 min
Delta R.T.: 0.004 min
Response: 549229
Conc: 121.83 ug/L



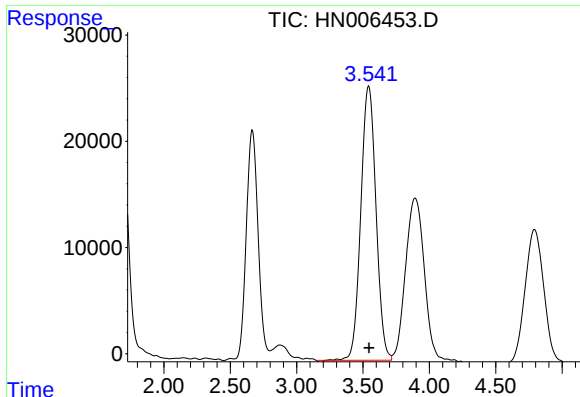
#3 RDX

R.T.: 1.688 min
Delta R.T.: -0.002 min
Response: 1312376
Conc: 250.31 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.666 min
Delta R.T.: 0.003 min
Response: 1247236
Conc: 116.18 ug/L



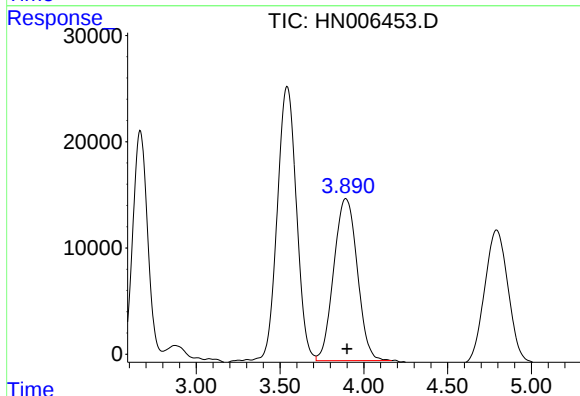
#5 1,3-Dinitrobenzene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 2055108
Conc: 125.97 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-SB02-1014MS

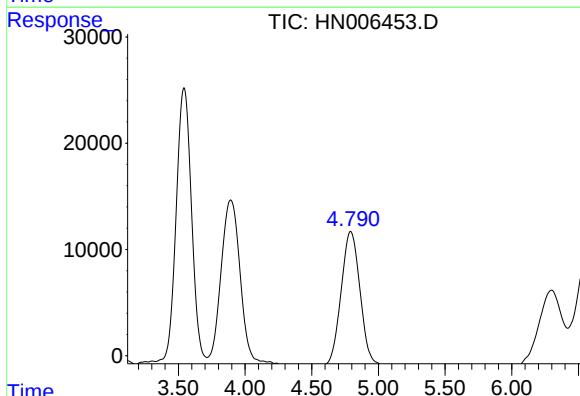
Manual Integrations
APPROVED

mohammad
3/9/2015 5:11:02 PM



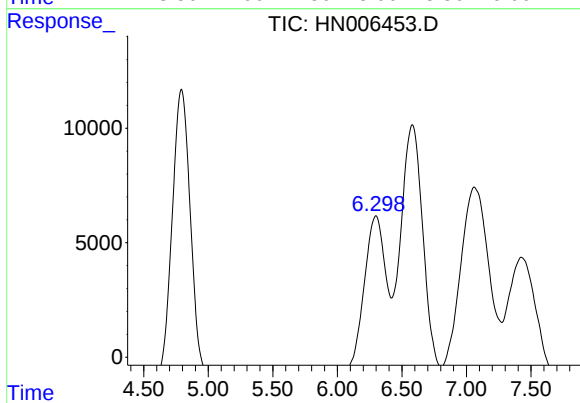
#6 3,5-Dinitroaniline

R.T.: 3.892 min
Delta R.T.: -0.008 min
Response: 1488880
Conc: 128.06 ug/L



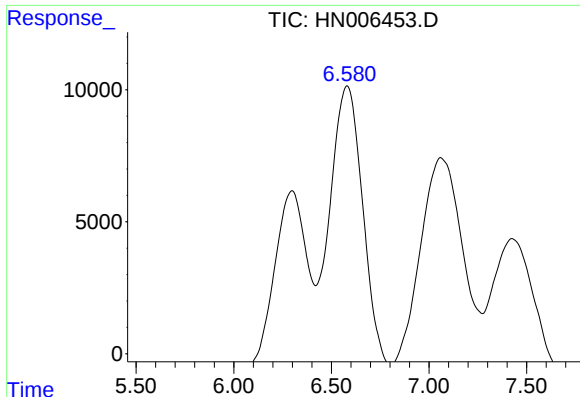
#7 Nitrobenzene

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 1228749
Conc: 122.01 ug/L



#8 Tetryl

R.T.: 6.300 min
Delta R.T.: 0.007 min
Response: 916958
Conc: 141.54 ug/L



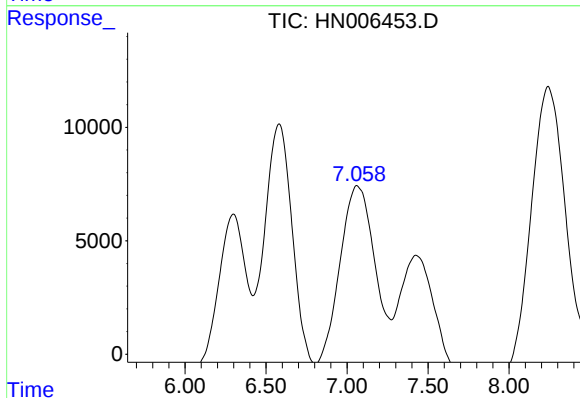
#9 2,4,6-Trinitrotoluene

R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 1425636
Conc: 129.97 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SB02-1014MS

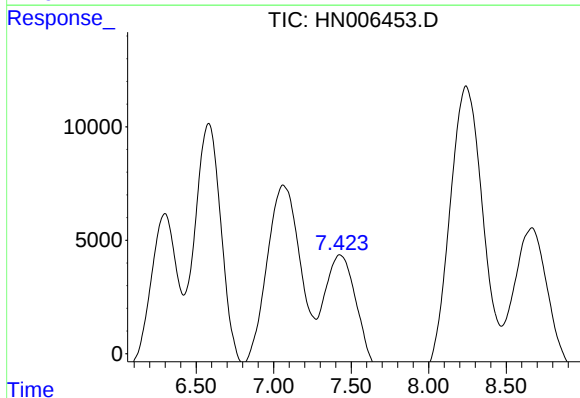
Manual Integrations
APPROVED

mohammad
3/9/2015 5:11:02 PM



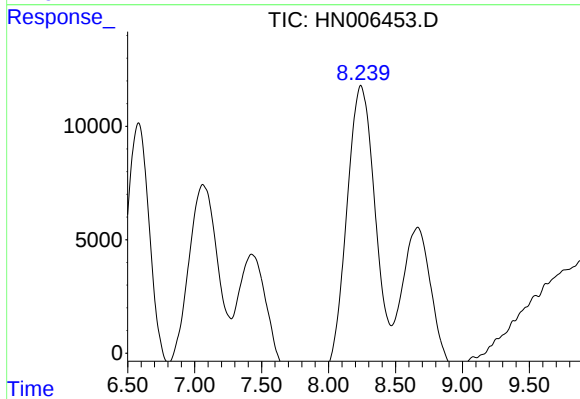
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.061 min
Delta R.T.: -0.011 min
Response: 1387152
Conc: 120.49 ug/L



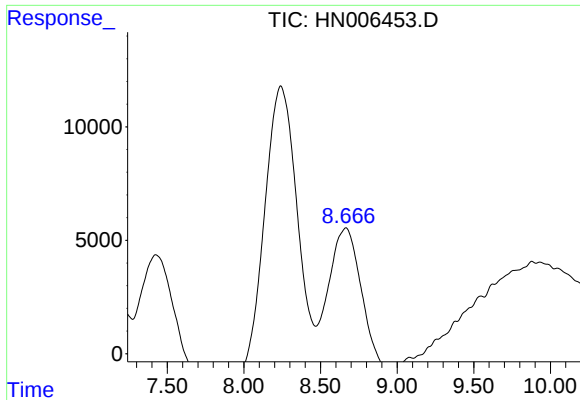
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.428 min
Delta R.T.: -0.003 min
Response: 845600
Conc: 138.12 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.242 min
Delta R.T.: 0.002 min
Response: 1924469
Conc: 124.82 ug/L



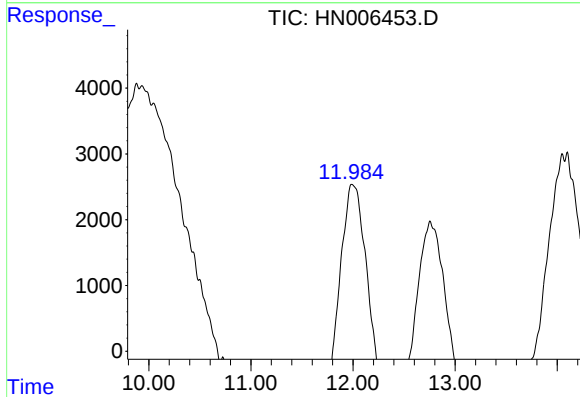
#13 2,6-Dinitrotoluene

R.T.: 8.665 min
Delta R.T.: 0.009 min
Response: 1044139
Conc: 125.37 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SB02-1014MS

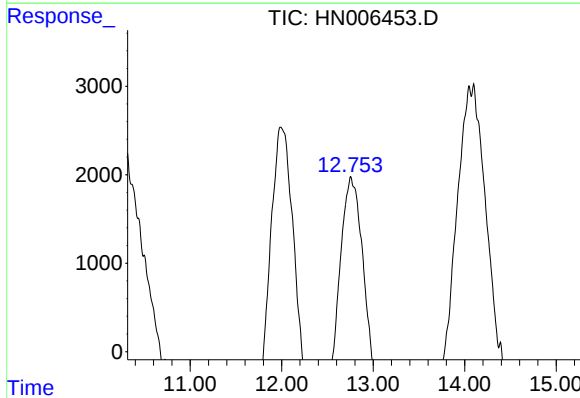
Manual Integrations
APPROVED

mohammad
3/9/2015 5:11:02 PM



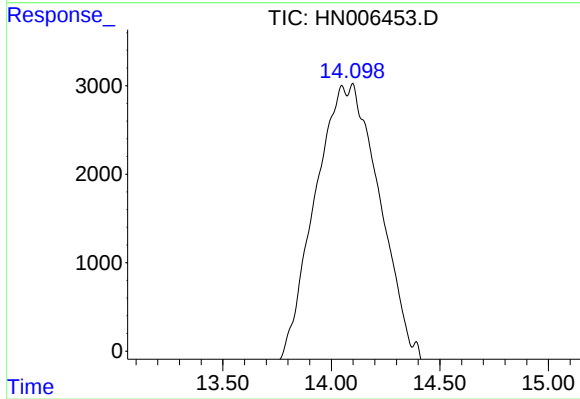
#14 2-Nitrotoluene

R.T.: 11.996 min
Delta R.T.: -0.007 min
Response: 730350
Conc: 111.20 ug/L



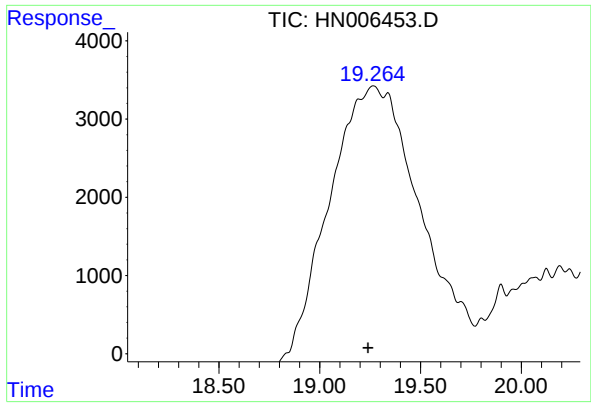
#15 4-Nitrotoluene

R.T.: 12.757 min
Delta R.T.: 0.006 min
Response: 629773
Conc: 117.56 ug/L



#16 3-Nitrotoluene

R.T.: 14.089 min
Delta R.T.: 0.025 min
Response: 869282
Conc: 125.87 ug/L



#17 PETN

R.T.: 19.267 min
Delta R.T.: 0.027 min
Response: 1053941
Conc: 141.26 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SB02-1014MS

Manual Integrations
APPROVED

mohammad
3/9/2015 5:11:02 PM