

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042414\
 Data File : HN005896.D
 Signal(s) : VWD1A.CH
 Acq On : 24-Apr-2014, 22:09
 Operator : HNP
 Sample : F1945-06MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 SS26-MDA03MS

Manual Integrations
 APPROVED

himanshu
 4/30/2014 9:42:45 AM

Integration File: autoint1.e
 Quant Time: Apr 30 11:40:41 2014
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042414.M
 Quant Title :
 QLast Update : Fri Apr 25 12:52:40 2014
 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	1.326	581511	263.856 ug/L m
Target Compounds			
2) T HMX	0.886	784512	283.799 ug/L m
3) T RDX	1.710	1481149	257.069 ug/L
4) T 1,3,5-Trinitrobenzene	2.694	1445452	139.129 ug/L
5) T 1,3-Dinitrobenzene	3.556	2269990	141.711 ng/ml
6) T 3,5-Dinitroaniline	3.907	1908058	265.968 ug/L
7) T Nitrobenzene	4.753	1715661	159.892 ug/L
8) T Tetryl	6.315	911624	115.387 ug/L
9) T 2,4,6-Trinitrotoluene	6.603	1419141	138.515 ug/L
10) T 2-Amino-4,6-dinitroto...	7.060	1348682	121.436 ug/L
11) T 4-Amino-2,6-dinitroto...	7.421	897091	135.527 ug/L
12) T 2,4-Dinitrotoluene	8.214	1920025	124.308 ug/L
13) T 2,6-Dinitrotoluene	8.613	1131630	131.453 ug/L
14) T 2-Nitrotoluene	11.804	819822	123.407 ug/L m
15) T 4-Nitrotoluene	12.548	728547	141.772 ug/L
16) T 3-Nitrotoluene	13.829	806792	137.719 ug/L m
17) T PETN	19.086	1113058	276.992 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042414\
Data File : HN005896.D
Signal(s) : VWD1A.CH
Acq On : 24-Apr-2014, 22:09
Operator : HNP
Sample : F1945-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

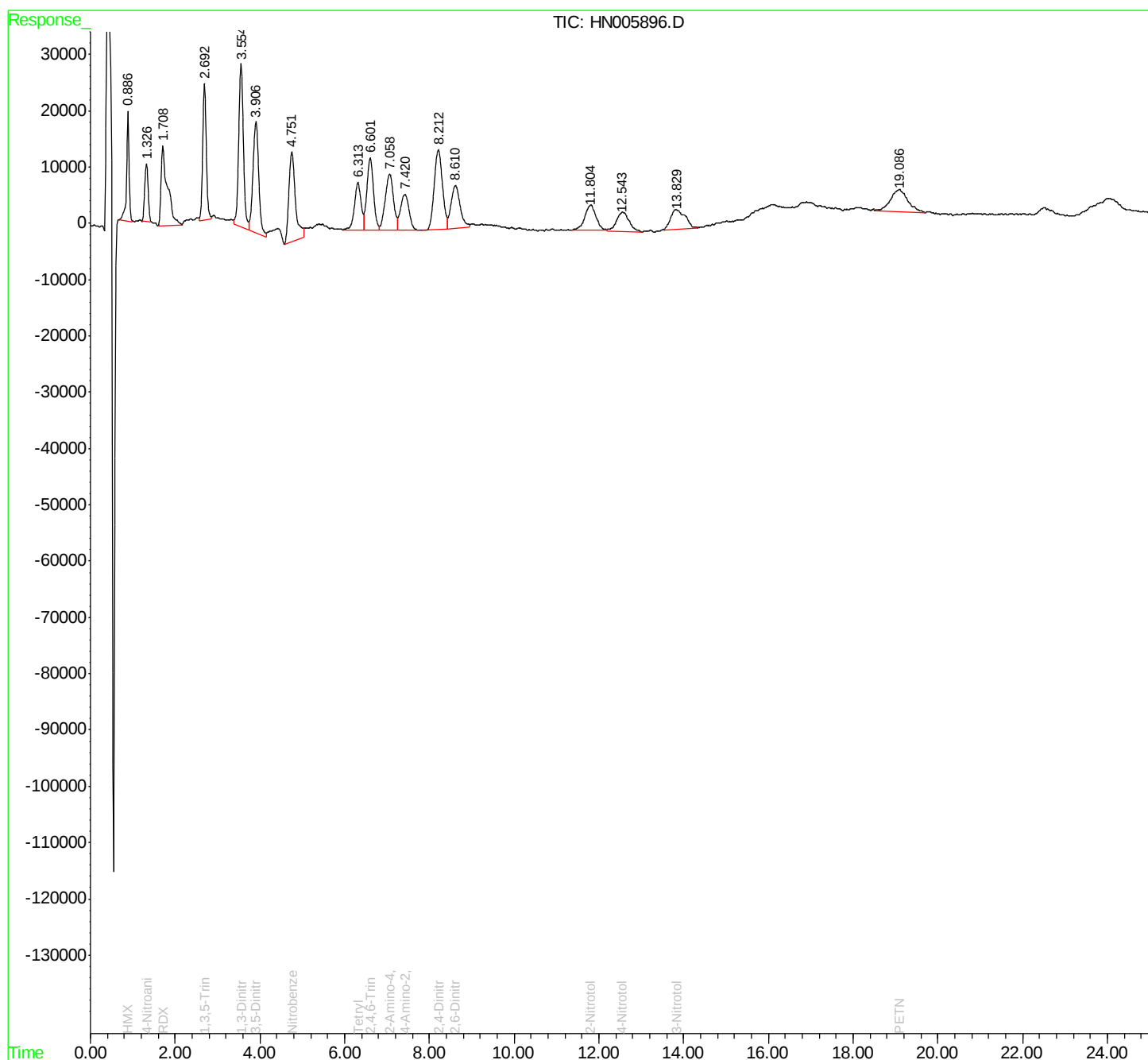
Instrument :
HPLC_N
ClientSampleId :
SS26-MDA03MS

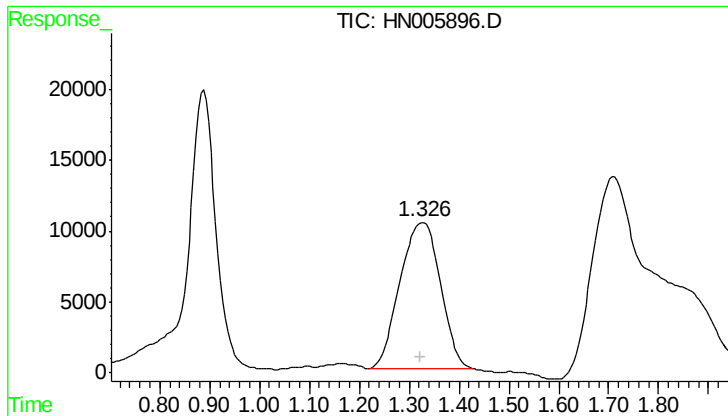
Manual Integrations
APPROVED

himanshu
4/30/2014 9:42:45 AM

Integration File: autoint1.e
Quant Time: Apr 30 11:40:41 2014
Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042414.M
Quant Title :
QLast Update : Fri Apr 25 12:52:40 2014
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





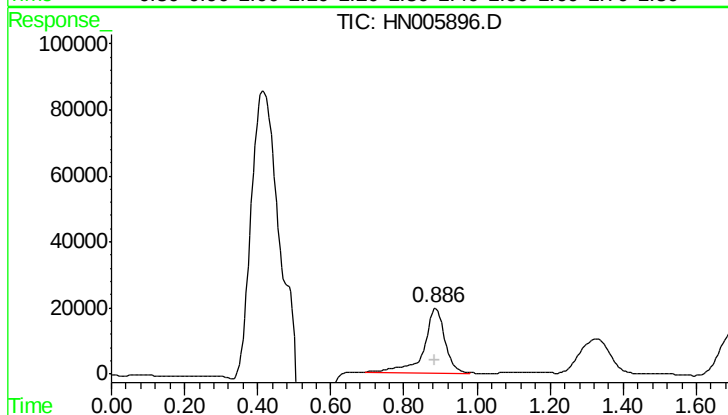
#1 4-Nitroaniline

R.T.: 1.326 min
Delta R.T.: 0.004 min
Response: 581511
Conc: 263.86 ug/L m

Instrument :
HPLC_N
ClientSampleId :
SS26-MDA03MS

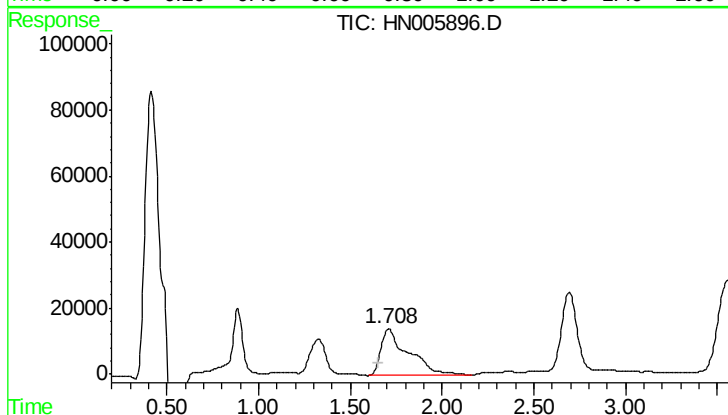
Manual Integrations
APPROVED

himanshu
4/30/2014 9:42:45 AM



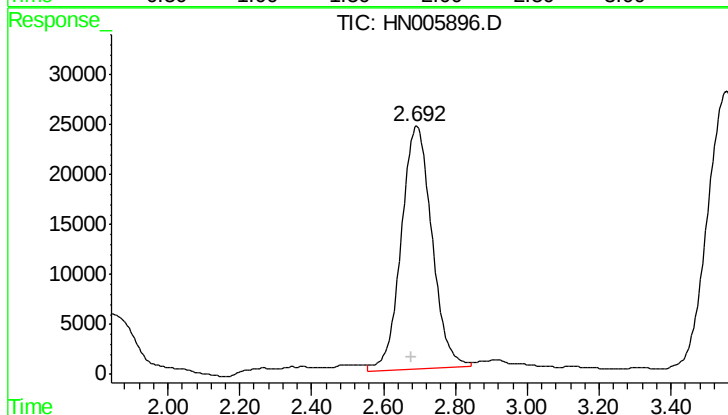
#2 HMX

R.T.: 0.886 min
Delta R.T.: 0.003 min
Response: 784512
Conc: 283.80 ug/L m



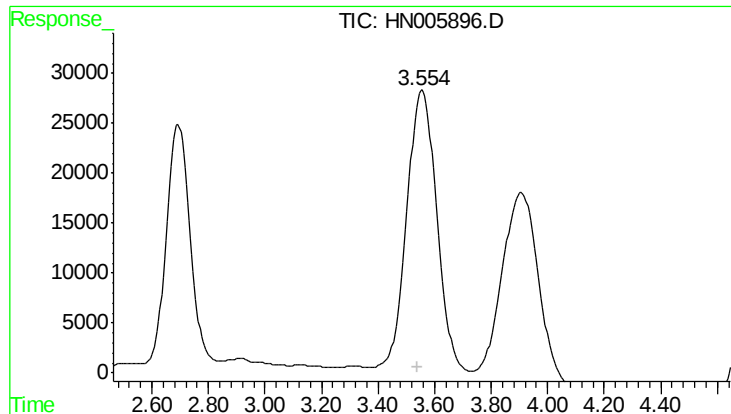
#3 RDX

R.T.: 1.710 min
Delta R.T.: 0.055 min
Response: 1481149
Conc: 257.07 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.694 min
Delta R.T.: 0.016 min
Response: 1445452
Conc: 139.13 ug/L



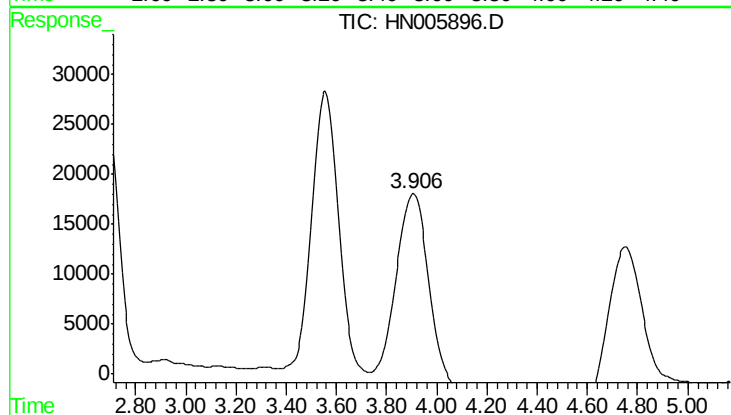
#5 1,3-Dinitrobenzene

R.T.: 3.556 min
Delta R.T.: 0.019 min
Response: 2269990
Conc: 141.71 ng/ml

Instrument :
HPLC_N
ClientSampleId :
SS26-MDA03MS

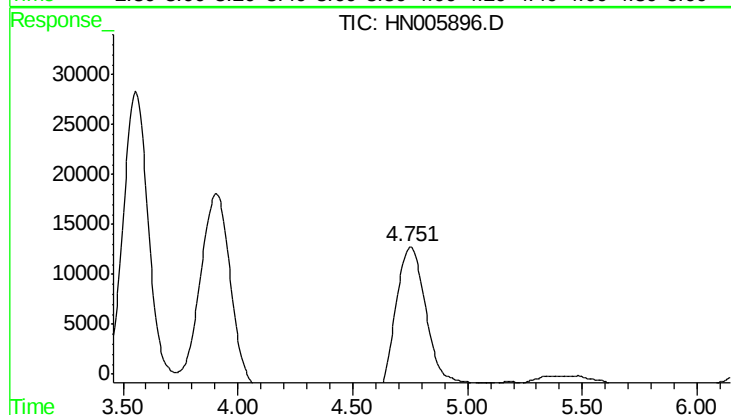
Manual Integrations
APPROVED

himanshu
4/30/2014 9:42:45 AM



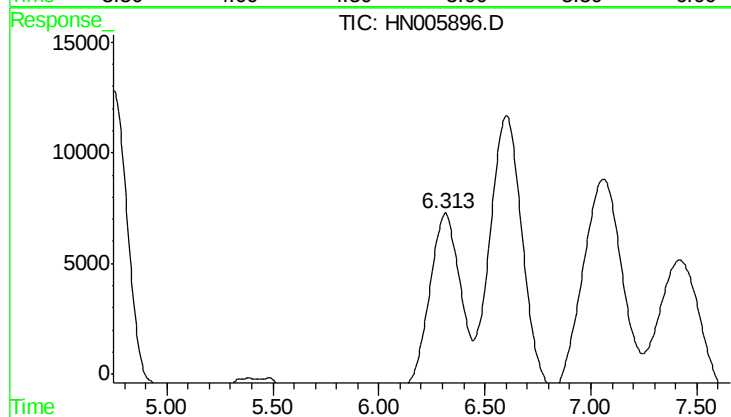
#6 3,5-Dinitroaniline

R.T.: 3.907 min
Delta R.T.: 0.022 min
Response: 1908058
Conc: 265.97 ug/L



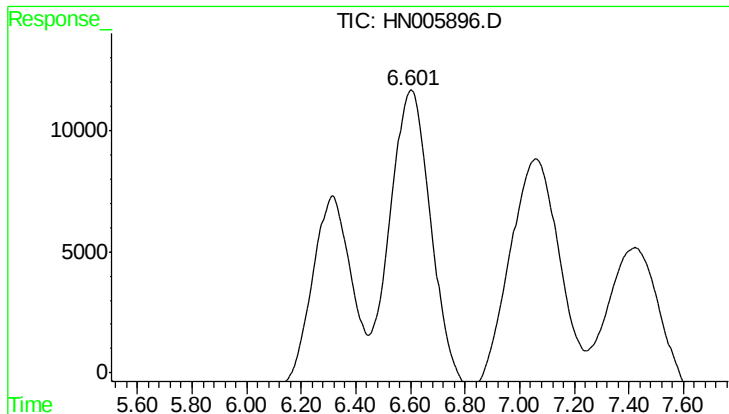
#7 Nitrobenzene

R.T.: 4.753 min
Delta R.T.: 0.030 min
Response: 1715661
Conc: 159.89 ug/L



#8 Tetryl

R.T.: 6.315 min
Delta R.T.: 0.047 min
Response: 911624
Conc: 115.39 ug/L



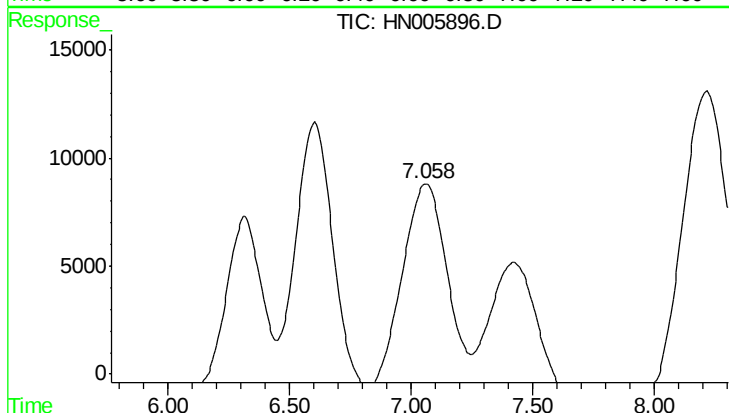
#9 2,4,6-Trinitrotoluene

R.T.: 6.603 min
Delta R.T.: 0.042 min
Response: 1419141
Conc: 138.51 ug/L

Instrument :
HPLC_N
ClientSampleId :
SS26-MDA03MS

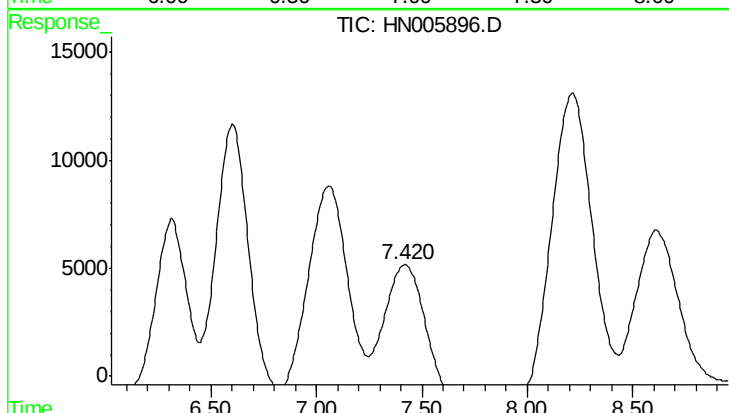
Manual Integrations
APPROVED

himanshu
4/30/2014 9:42:45 AM



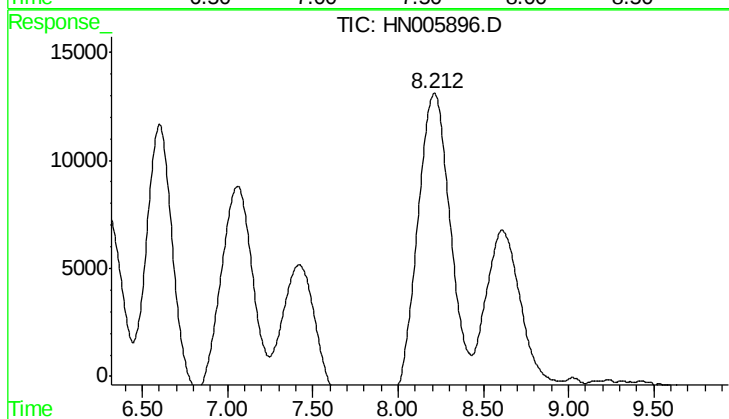
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.060 min
Delta R.T.: 0.046 min
Response: 1348682
Conc: 121.44 ug/L



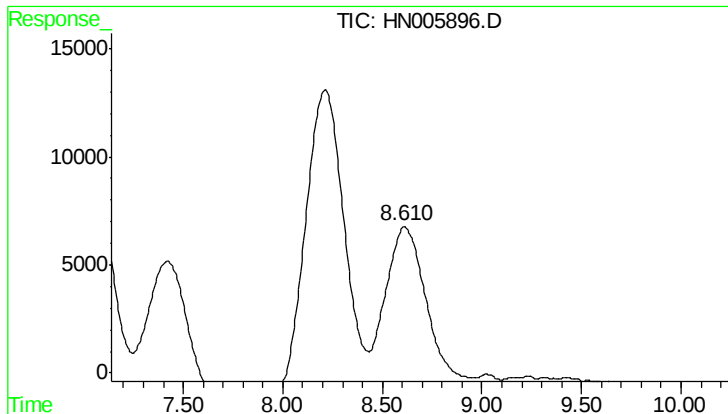
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.421 min
Delta R.T.: 0.049 min
Response: 897091
Conc: 135.53 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.214 min
Delta R.T.: 0.053 min
Response: 1920025
Conc: 124.31 ug/L



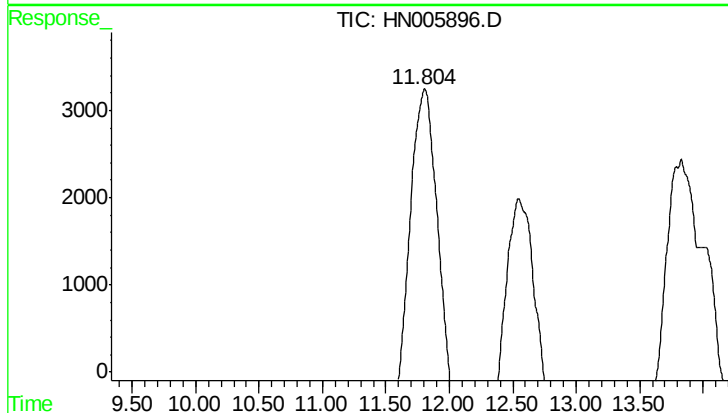
#13 2,6-Dinitrotoluene

R.T.: 8.613 min
Delta R.T.: 0.056 min
Response: 1131630
Conc: 131.45 ug/L

Instrument :
HPLC_N
ClientSampleId :
SS26-MDA03MS

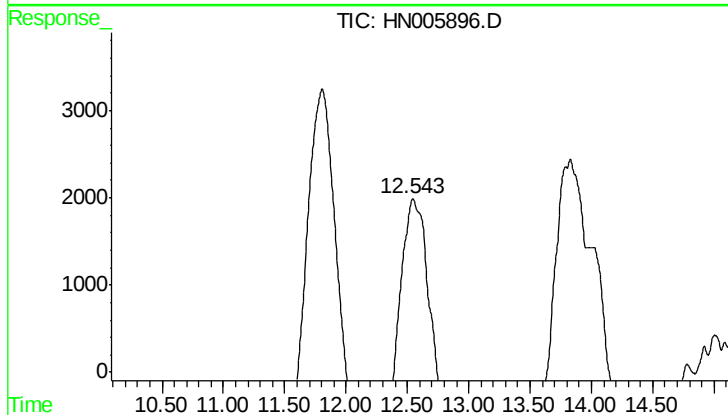
Manual Integrations
APPROVED

himanshu
4/30/2014 9:42:45 AM



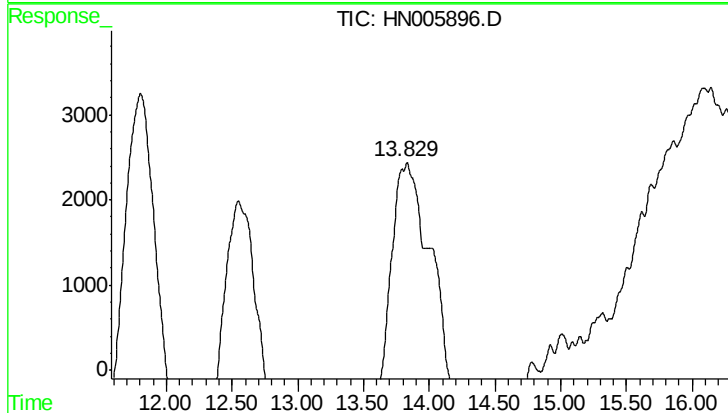
#14 2-Nitrotoluene

R.T.: 11.804 min
Delta R.T.: 0.081 min
Response: 819822
Conc: 123.41 ug/L m



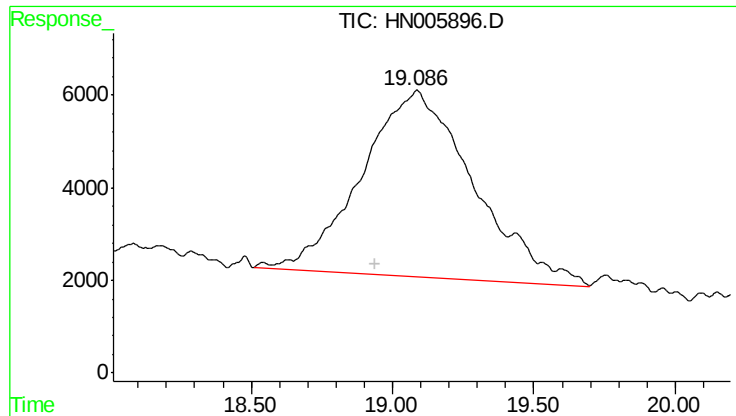
#15 4-Nitrotoluene

R.T.: 12.548 min
Delta R.T.: 0.056 min
Response: 728547
Conc: 141.77 ug/L



#16 3-Nitrotoluene

R.T.: 13.829 min
Delta R.T.: 0.081 min
Response: 806792
Conc: 137.72 ug/L m



#17 PETN

R.T.: 19.086 min
Delta R.T.: 0.146 min
Response: 1113058
Conc: 276.99 ug/L m

Instrument :
HPLC_N
ClientSampleId :
SS26-MDA03MS

Manual Integrations
APPROVED

himanshu
4/30/2014 9:42:45 AM