

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042914\
 Data File : HN005981.D
 Signal(s) : VWD1A.CH
 Acq On : 29-Apr-2014, 15:18
 Operator : HNP
 Sample : PB76036BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 PB76036BS

Manual Integrations
 APPROVED

himanshu
 4/30/2014 2:17:33 PM

Integration File: autoint1.e
 Quant Time: Apr 30 11:34:48 2014
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042814.M
 Quant Title :
 QLast Update : Tue Apr 29 09:06:37 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	1.361	1361313	327.372 ug/L
Target Compounds			
2) T HMX	0.903	1051619	206.045 ug/L m
3) T RDX	1.748	1400638	237.945 ug/L
4) T 1,3,5-Trinitrobenzene	2.753	2579545	217.776 ug/L m
5) T 1,3-Dinitrobenzene	3.645	4065858	225.108 ng/mlm
6) T 3,5-Dinitroaniline	4.021	3303294	242.530 ug/L m
7) T Nitrobenzene	4.881	2431533	223.738 ug/L m
8) T Tetryl	6.559	1378772	169.000 ug/L m
9) T 2,4,6-Trinitrotoluene	6.822	2721338	223.881 ug/L m
10) T 2-Amino-4,6-dinitroto...	7.331	2690568	218.027 ug/L m
11) T 4-Amino-2,6-dinitroto...	7.712	1785837	256.116 ug/L m
12) T 2,4-Dinitrotoluene	8.497	3727681	218.683 ug/L m
13) T 2,6-Dinitrotoluene	8.924	2112008	241.909 ug/L m
14) T 2-Nitrotoluene	12.217	1750519	264.691 ug/L m
15) T 4-Nitrotoluene	12.997f	1473154	279.710 ug/L m
16) T 3-Nitrotoluene	14.346f	3834408	178.607 ug/L m
17) T PETN	19.783	2234203	250.584 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042914\
Data File : HN005981.D
Signal(s) : VWD1A.CH
Acq On : 29-Apr-2014, 15:18
Operator : HNP
Sample : PB76036BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

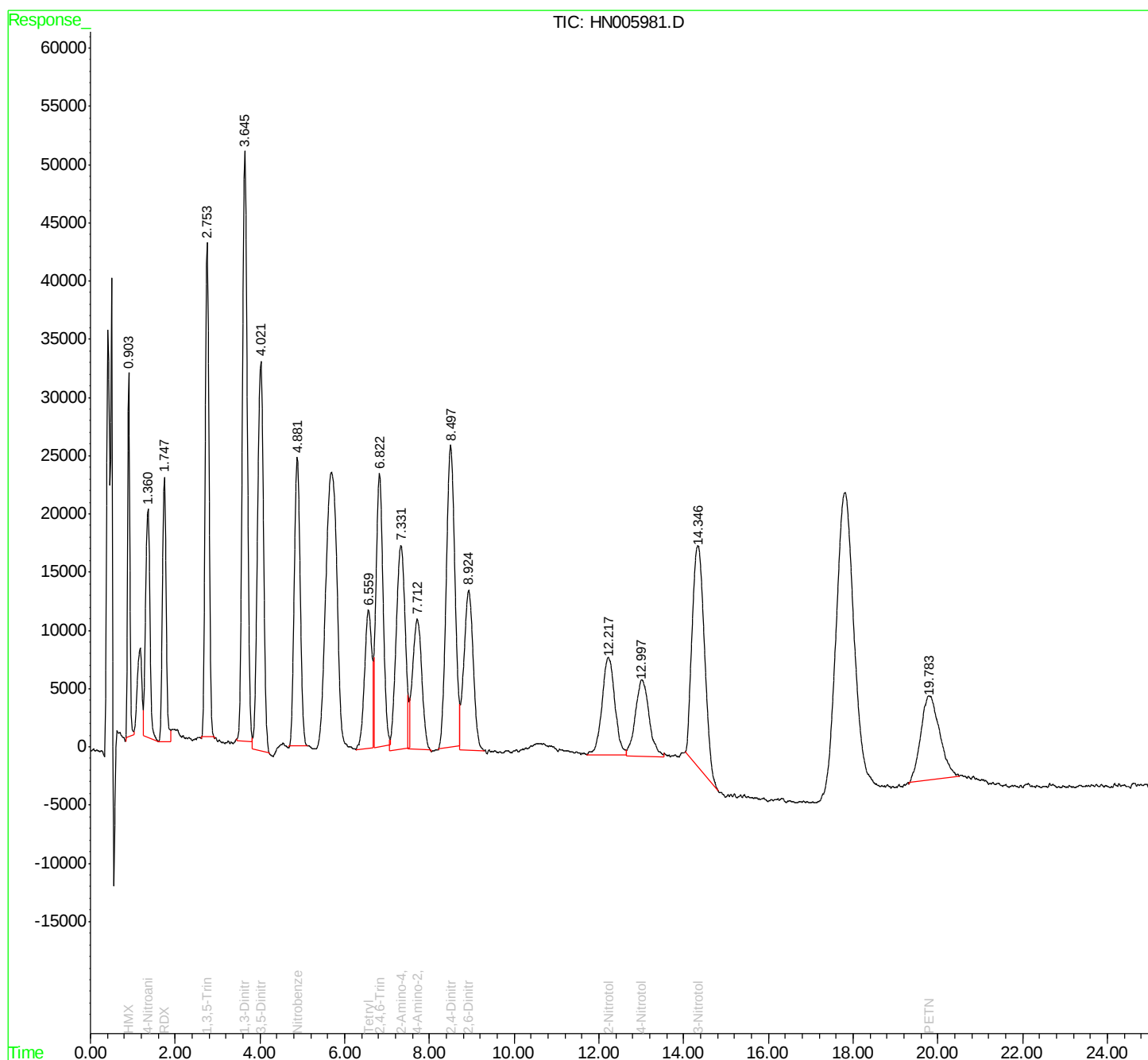
Instrument :
HPLC_N
ClientSampleId :
PB76036BS

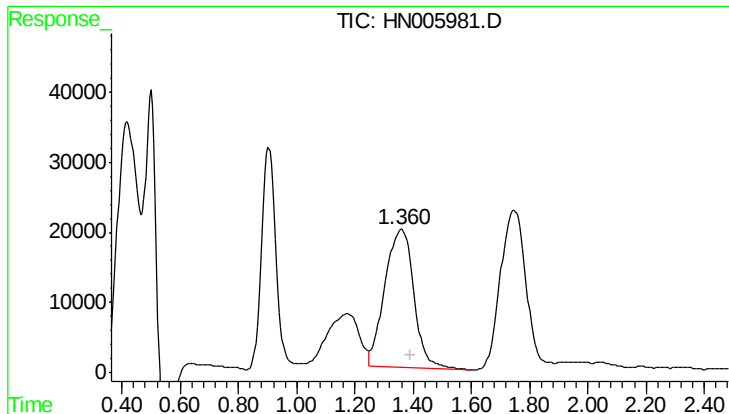
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:33 PM

Integration File: autoint1.e
Quant Time: Apr 30 11:34:48 2014
Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042814.M
Quant Title :
QLast Update : Tue Apr 29 09:06:37 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





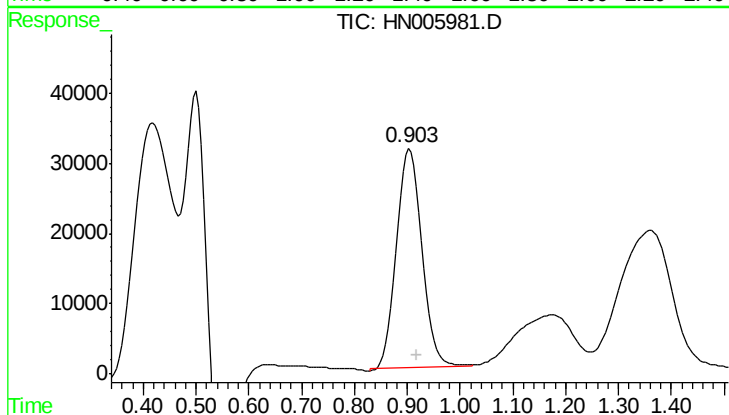
#1 4-Nitroaniline

R.T.: 1.361 min
Delta R.T.: -0.030 min
Response: 1361313
Conc: 327.37 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

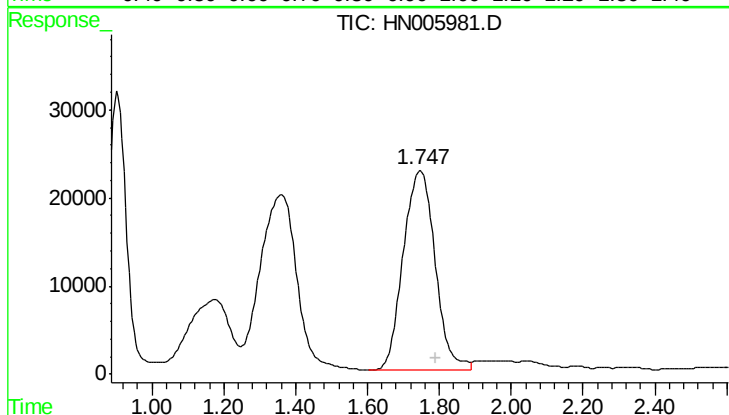
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:33 PM



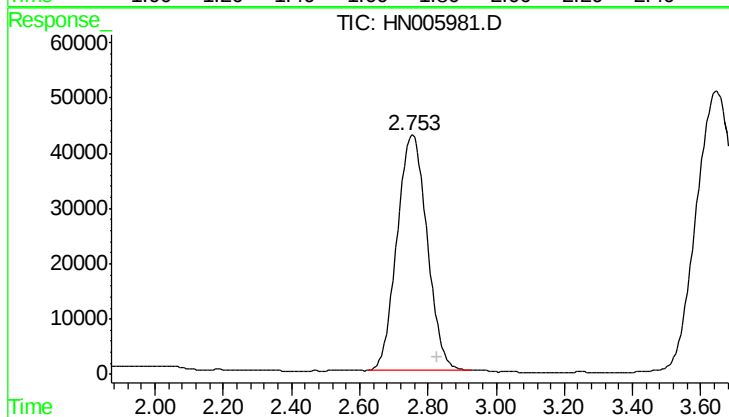
#2 HMX

R.T.: 0.903 min
Delta R.T.: -0.016 min
Response: 1051619
Conc: 206.04 ug/L m



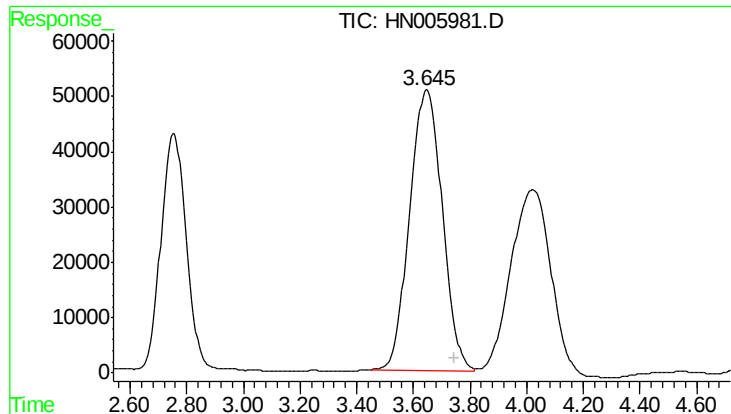
#3 RDX

R.T.: 1.748 min
Delta R.T.: -0.044 min
Response: 1400638
Conc: 237.95 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.753 min
Delta R.T.: -0.073 min
Response: 2579545
Conc: 217.78 ug/L m



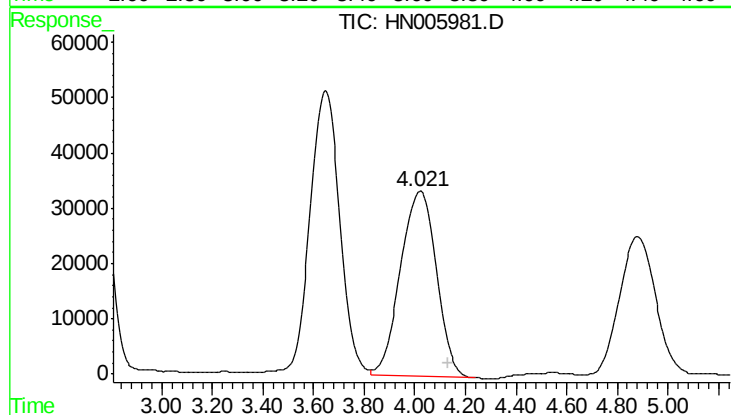
#5 1,3-Dinitrobenzene

R.T.: 3.645 min
Delta R.T.: -0.098 min
Response: 4065858
Conc: 225.11 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

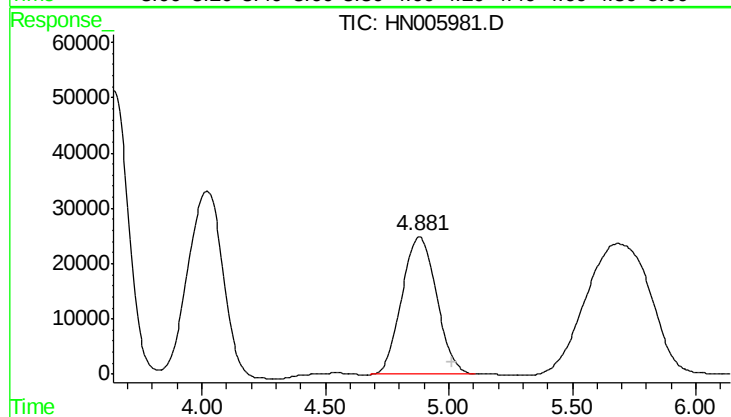
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:33 PM



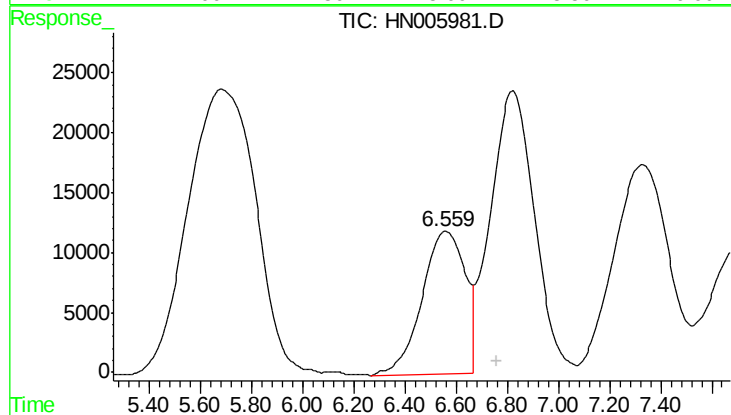
#6 3,5-Dinitroaniline

R.T.: 4.021 min
Delta R.T.: -0.109 min
Response: 3303294
Conc: 242.53 ug/L m



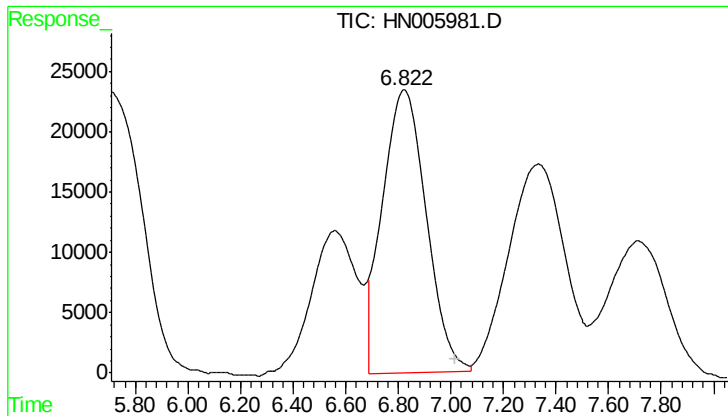
#7 Nitrobenzene

R.T.: 4.881 min
Delta R.T.: -0.131 min
Response: 2431533
Conc: 223.74 ug/L m



#8 Tetryl

R.T.: 6.559 min
Delta R.T.: -0.203 min
Response: 1378772
Conc: 169.00 ug/L m



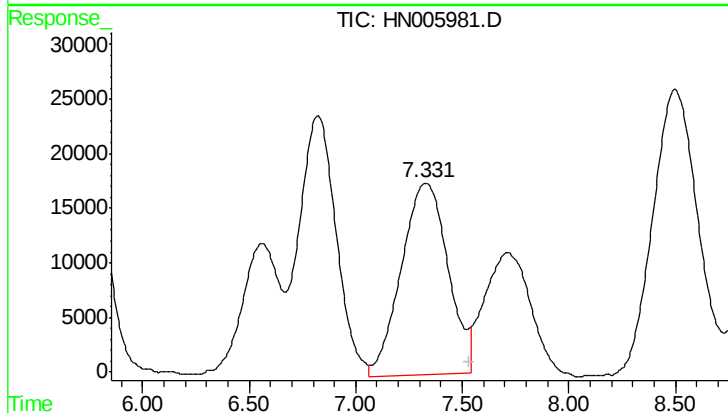
#9 2,4,6-Trinitrotoluene

R.T.: 6.822 min
Delta R.T.: -0.196 min
Response: 2721338
Conc: 223.88 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

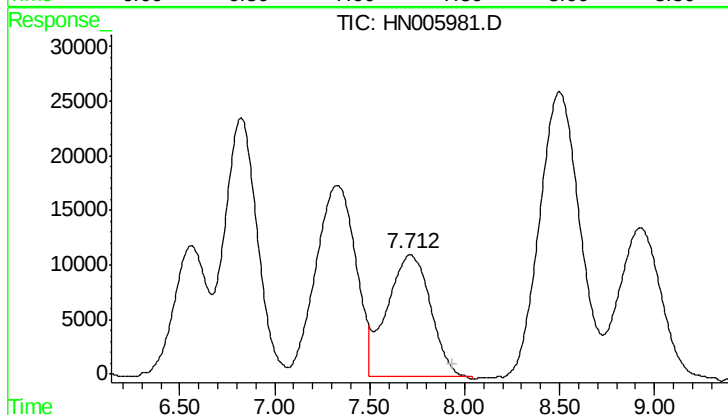
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:33 PM



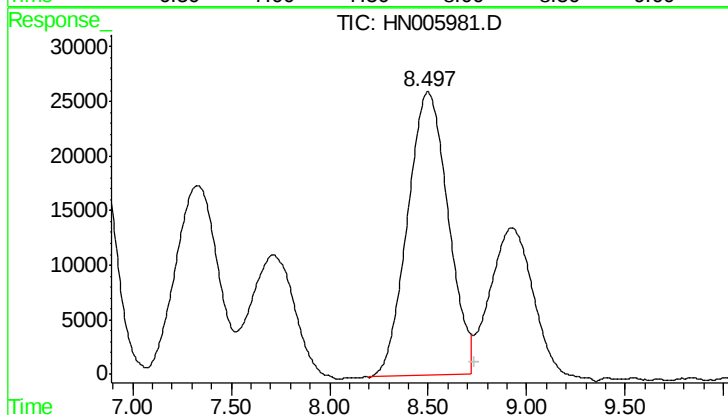
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.331 min
Delta R.T.: -0.202 min
Response: 2690568
Conc: 218.03 ug/L m



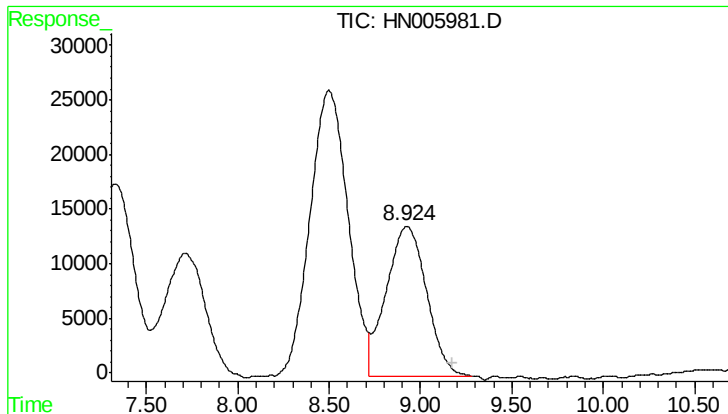
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.712 min
Delta R.T.: -0.224 min
Response: 1785837
Conc: 256.12 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.497 min
Delta R.T.: -0.234 min
Response: 3727681
Conc: 218.68 ug/L m



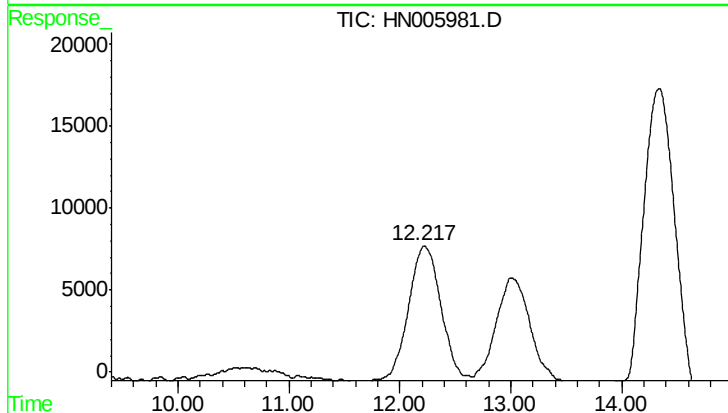
#13 2,6-Dinitrotoluene

R.T.: 8.924 min
 Delta R.T.: -0.250 min
 Response: 2112008
 Conc: 241.91 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB76036BS

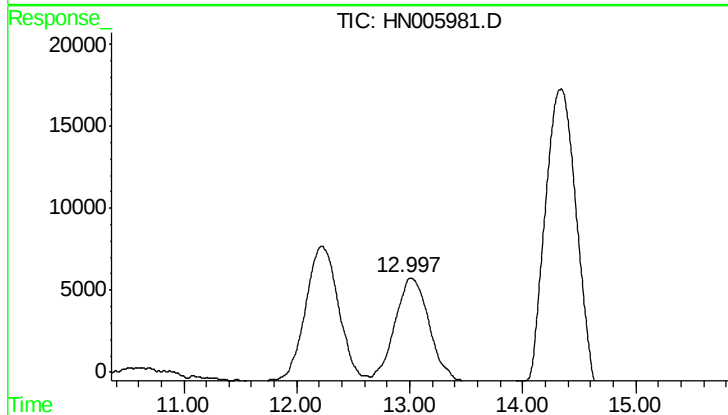
Manual Integrations
 APPROVED

himanshu
 4/30/2014 2:17:33 PM



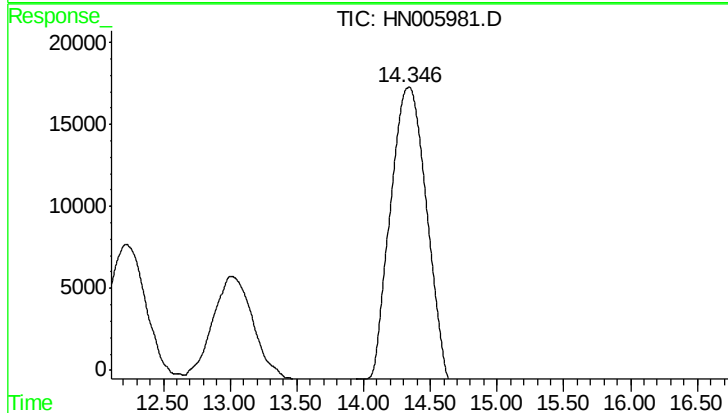
#14 2-Nitrotoluene

R.T.: 12.217 min
 Delta R.T.: -0.333 min
 Response: 1750519
 Conc: 264.69 ug/L m



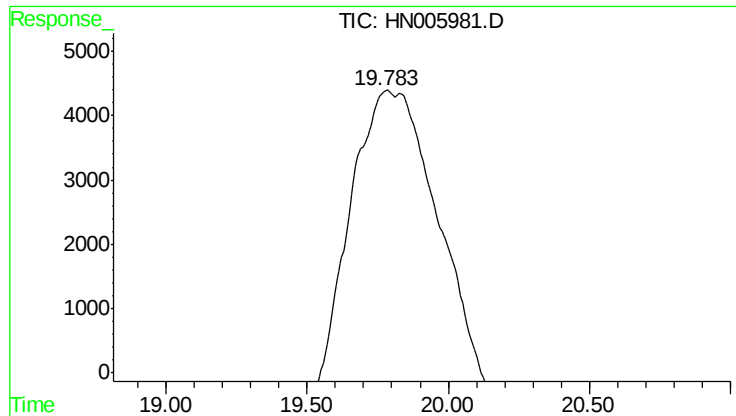
#15 4-Nitrotoluene

R.T.: 12.997 min
 Delta R.T.: -0.356 min
 Response: 1473154
 Conc: 279.71 ug/L m



#16 3-Nitrotoluene

R.T.: 14.346 min
 Delta R.T.: -0.364 min
 Response: 3834408
 Conc: 178.61 ug/L m



#17 PETN

R.T.: 19.783 min
Delta R.T.: -0.561 min
Response: 2234203
Conc: 250.58 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:33 PM