

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042914\
 Data File : HN005979.D
 Signal(s) : VWD1A.CH
 Acq On : 29-Apr-2014, 14:15
 Operator : HNP
 Sample : HSTDCCC0500
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

himanshu
 4/30/2014 2:17:29 PM

Integration File: autoint1.e
 Quant Time: Apr 30 11:31:35 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	1.356	2435380	585.667 ug/L m
Target Compounds			
2) T HMX	0.899	2225119	435.969 ug/L m
3) T RDX	1.686	2746400	466.568 ug/L m
4) T 1,3,5-Trinitrobenzene	2.746	5357822	452.329 ug/L m
5) T 1,3-Dinitrobenzene	3.638	8197439	453.855 ng/mlm
6) T 3,5-Dinitroaniline	4.015	7519155	552.062 ug/L m
7) T Nitrobenzene	4.866	5198079	478.302 ug/L m
8) T Tetryl	6.537	3642194	446.435 ug/L m
9) T 2,4,6-Trinitrotoluene	6.795	5301444	436.144 ug/L m
10) T 2-Amino-4,6-dinitroto...	7.305	5525329	447.738 ug/L m
11) T 4-Amino-2,6-dinitroto...	7.688	3402157	487.921 ug/L m
12) T 2,4-Dinitrotoluene	8.465f	7805145	457.887 ug/L m
13) T 2,6-Dinitrotoluene	8.884	4404266	504.463 ug/L m
14) T 2-Nitrotoluene	12.176f	3188011	482.050 ug/L m
15) T 4-Nitrotoluene	12.976f	2548254	483.841 ug/L m
16) T 3-Nitrotoluene	14.282f	9153278	426.361 ug/L m
17) T PETN	19.739	5004862	561.335 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN042914\
Data File : HN005979.D
Signal(s) : VWD1A.CH
Acq On : 29-Apr-2014, 14:15
Operator : HNP
Sample : HSTDCCC0500
Misc :
ALS Vial : 1 Sample Multiplier: 1

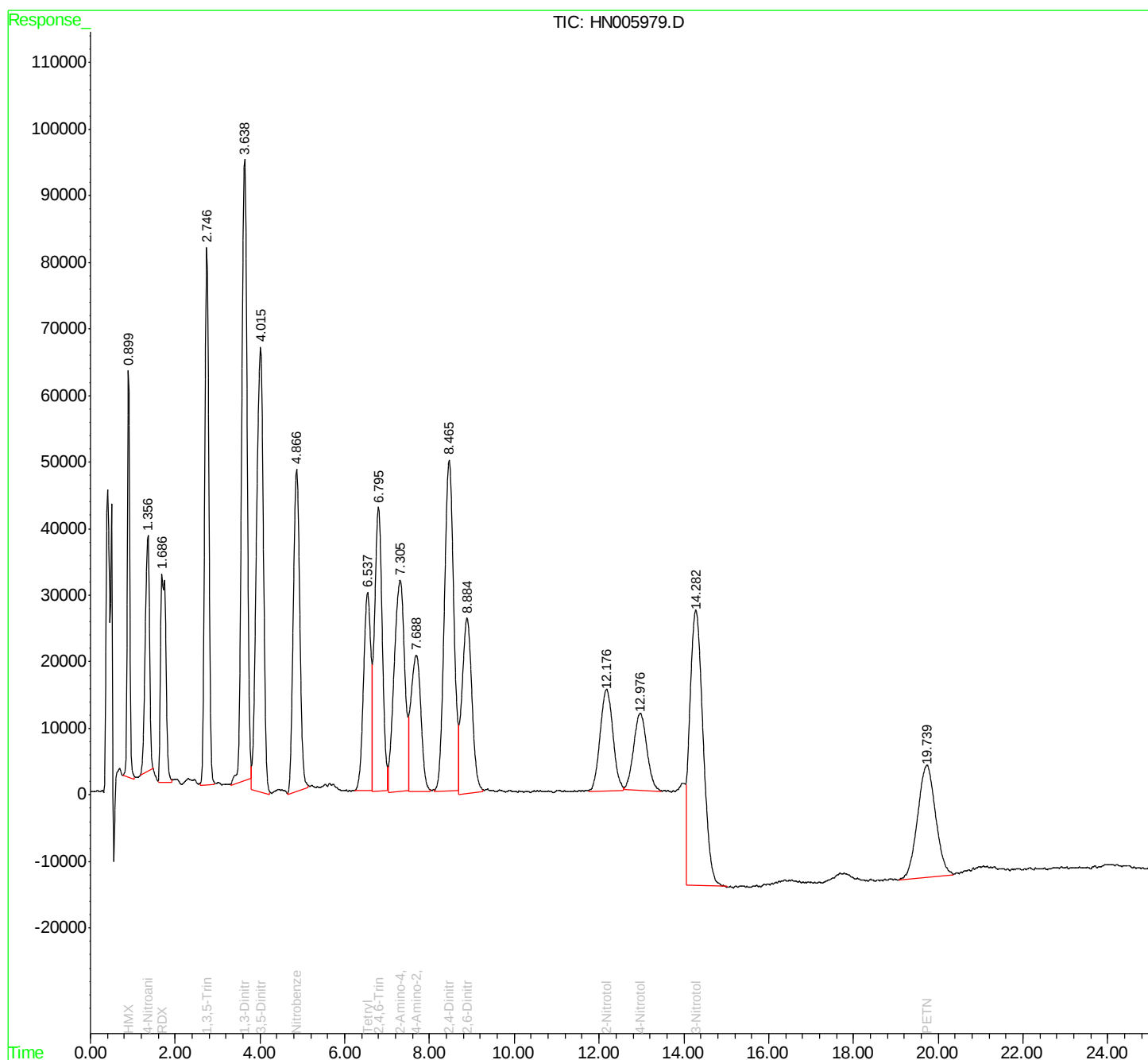
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

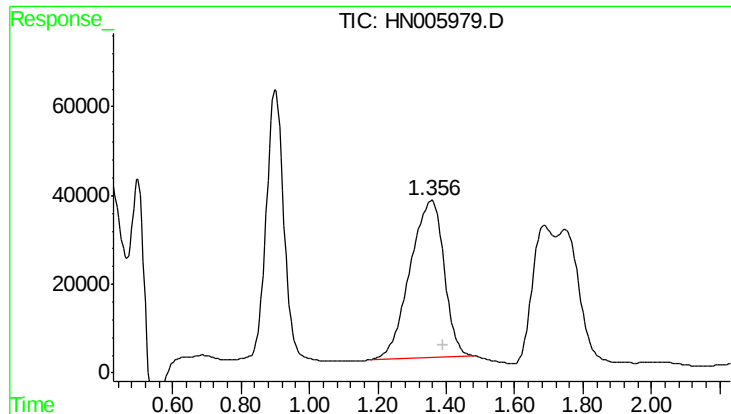
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:29 PM

Integration File: autoint1.e
Quant Time: Apr 30 11:31:35 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





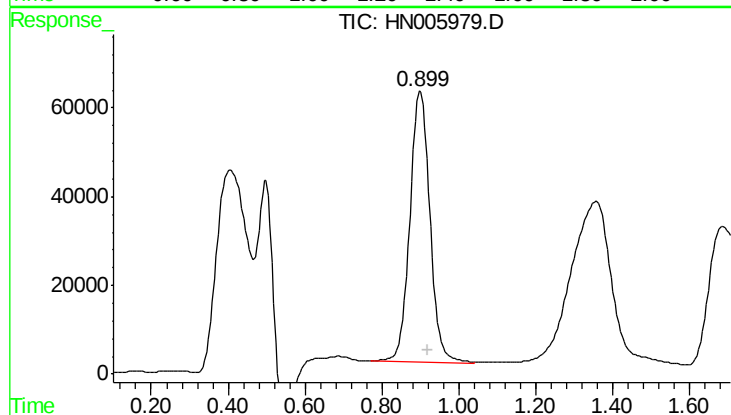
#1 4-Nitroaniline

R.T.: 1.356 min
Delta R.T.: -0.034 min
Response: 2435380
Conc: 585.67 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

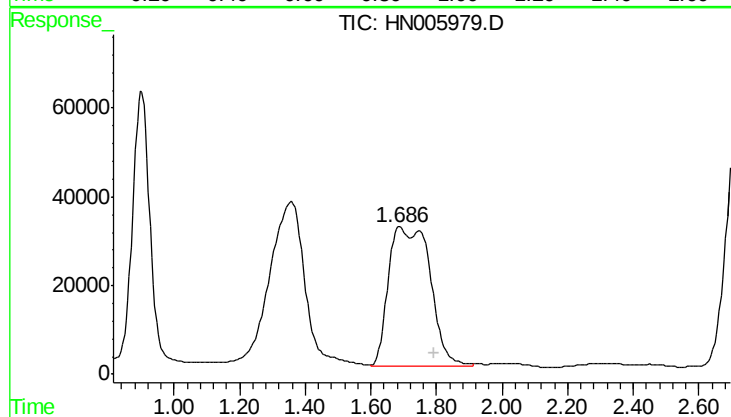
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:29 PM



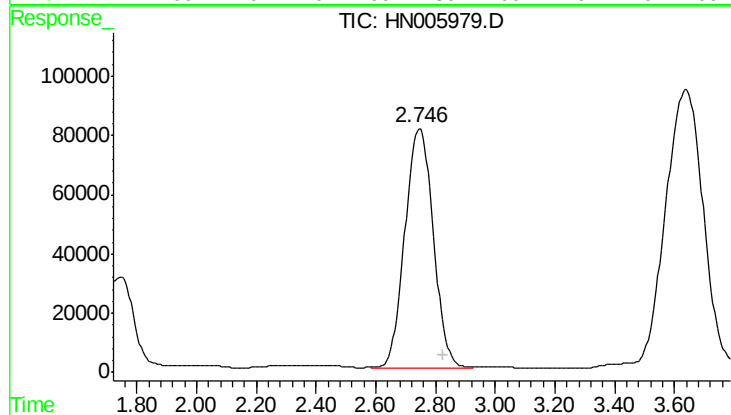
#2 HMX

R.T.: 0.899 min
Delta R.T.: -0.020 min
Response: 2225119
Conc: 435.97 ug/L m



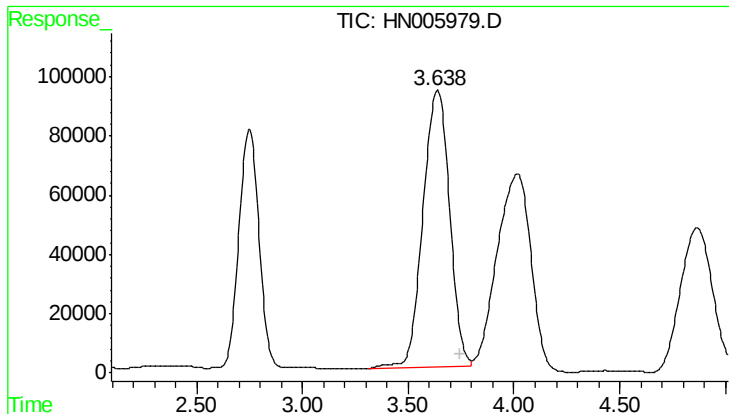
#3 RDX

R.T.: 1.686 min
Delta R.T.: -0.106 min
Response: 2746400
Conc: 466.57 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.746 min
Delta R.T.: -0.080 min
Response: 5357822
Conc: 452.33 ug/L m



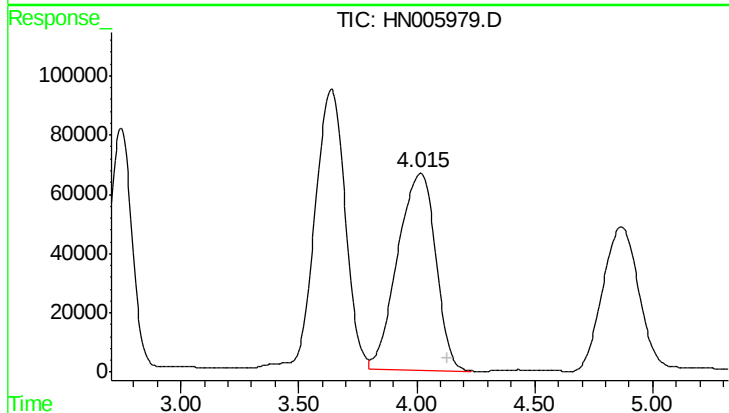
#5 1,3-Dinitrobenzene

R.T.: 3.638 min
Delta R.T.: -0.106 min
Response: 8197439
Conc: 453.85 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

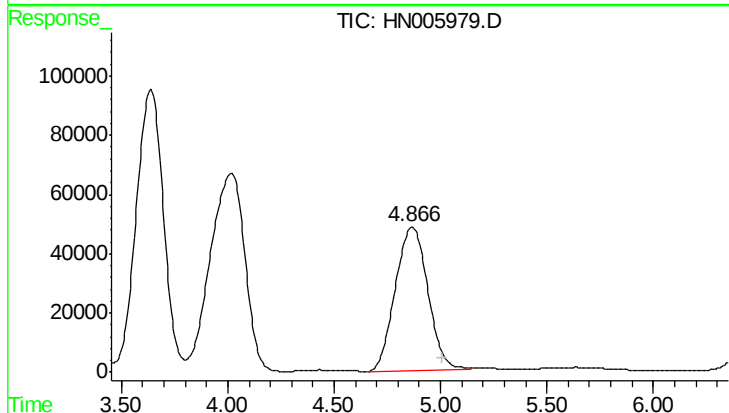
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:29 PM



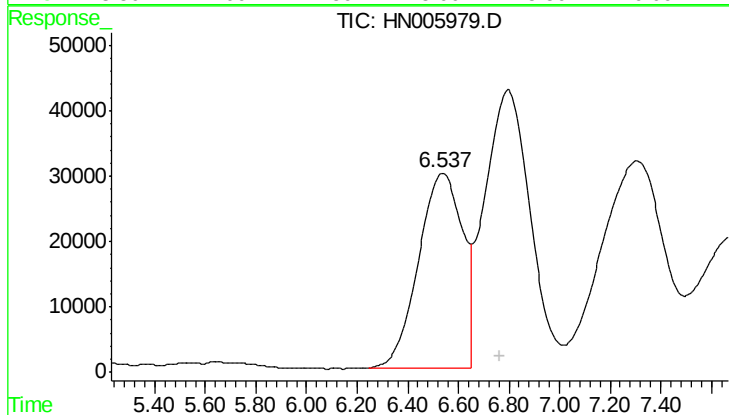
#6 3,5-Dinitroaniline

R.T.: 4.015 min
Delta R.T.: -0.115 min
Response: 7519155
Conc: 552.06 ug/L m



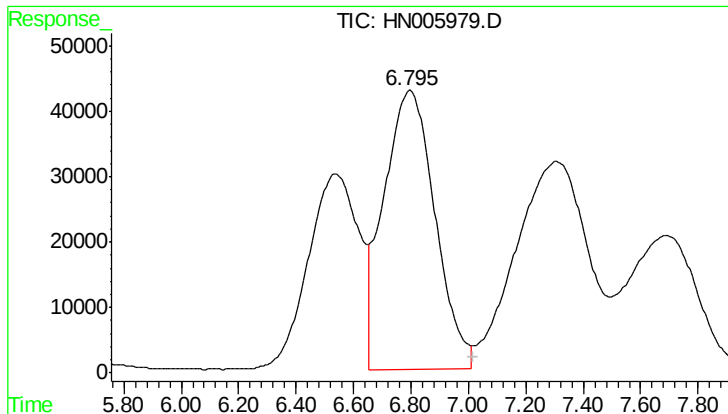
#7 Nitrobenzene

R.T.: 4.866 min
Delta R.T.: -0.146 min
Response: 5198079
Conc: 478.30 ug/L m



#8 Tetryl

R.T.: 6.537 min
Delta R.T.: -0.225 min
Response: 3642194
Conc: 446.44 ug/L m



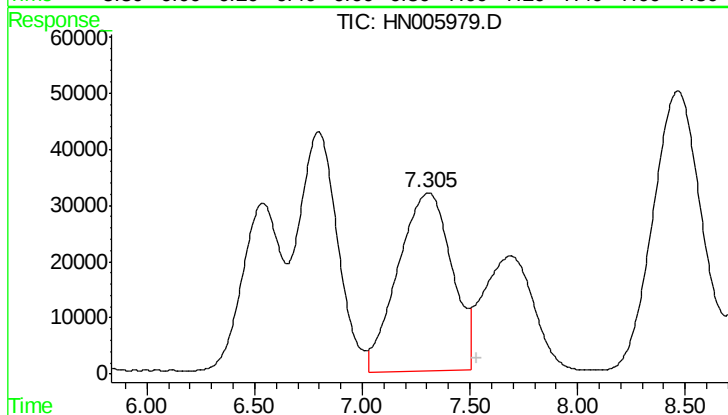
#9 2,4,6-Trinitrotoluene

R.T.: 6.795 min
Delta R.T.: -0.223 min
Response: 5301444
Conc: 436.14 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

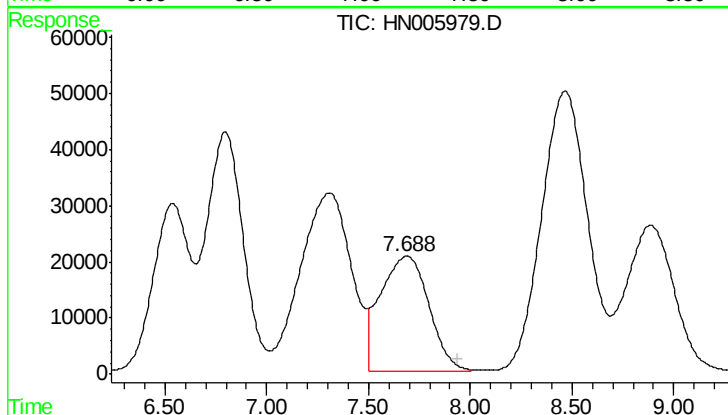
Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:29 PM



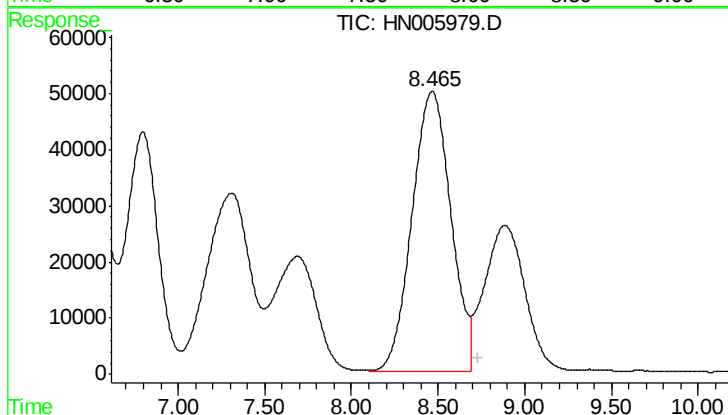
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.305 min
Delta R.T.: -0.227 min
Response: 5525329
Conc: 447.74 ug/L m



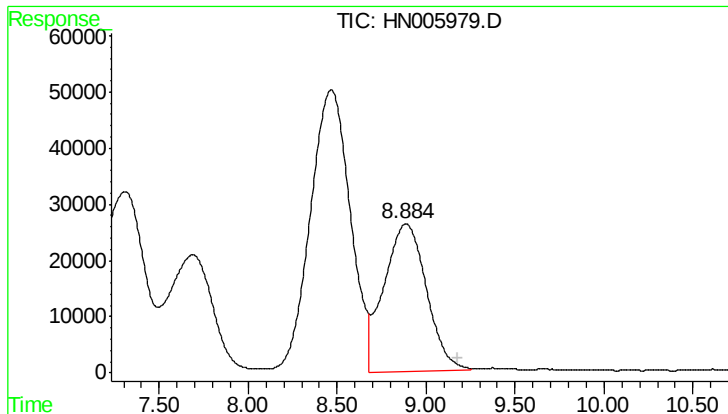
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.688 min
Delta R.T.: -0.249 min
Response: 3402157
Conc: 487.92 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.465 min
Delta R.T.: -0.267 min
Response: 7805145
Conc: 457.89 ug/L m



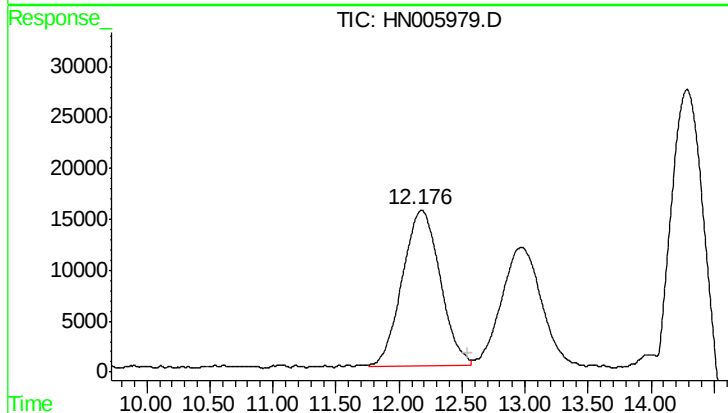
#13 2,6-Dinitrotoluene

R.T.: 8.884 min
 Delta R.T.: -0.290 min
 Response: 4404266
 Conc: 504.46 ug/L m

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

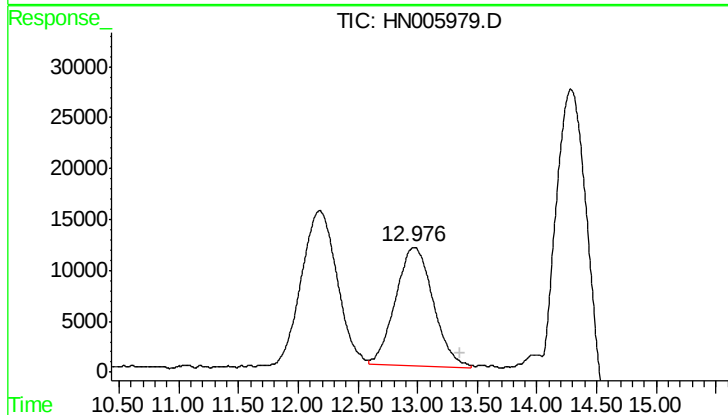
Manual Integrations
 APPROVED

himanshu
 4/30/2014 2:17:29 PM



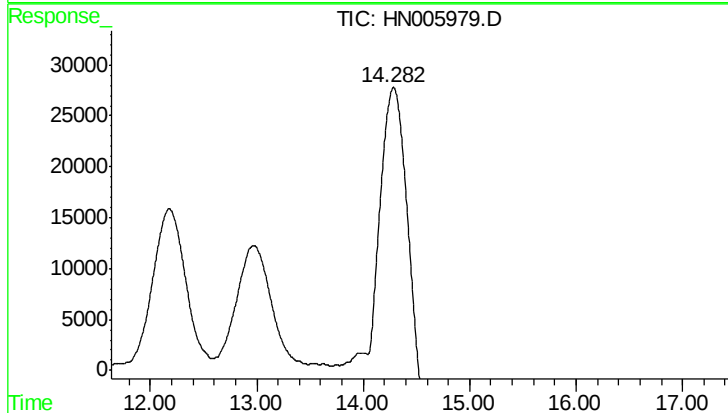
#14 2-Nitrotoluene

R.T.: 12.176 min
 Delta R.T.: -0.374 min
 Response: 3188011
 Conc: 482.05 ug/L m



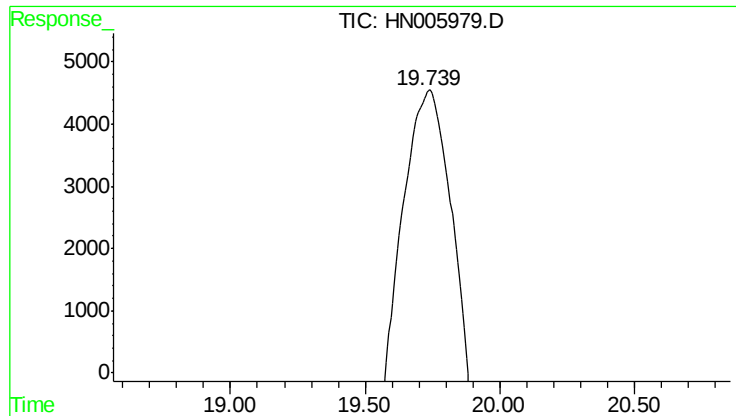
#15 4-Nitrotoluene

R.T.: 12.976 min
 Delta R.T.: -0.377 min
 Response: 2548254
 Conc: 483.84 ug/L m



#16 3-Nitrotoluene

R.T.: 14.282 min
 Delta R.T.: -0.428 min
 Response: 9153278
 Conc: 426.36 ug/L m



#17 PETN

R.T.: 19.739 min
Delta R.T.: -0.605 min
Response: 5004862
Conc: 561.34 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

himanshu
4/30/2014 2:17:29 PM