

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN043014\
 Data File : HN006013.D
 Signal(s) : VWD1A.CH
 Acq On : 30-Apr-2014, 10:10
 Operator : HNP
 Sample : PB76036BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 PB76036BS

Manual Integrations
 APPROVED

himanshu
 4/30/2014 3:32:09 PM

Integration File: autoint1.e
 Quant Time: Apr 30 13:50:00 2014
 Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042914.M
 Quant Title :
 QLast Update : Wed Apr 30 12:52:07 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	1.350	1312359	277.668 ug/L
Target Compounds			
2) T HMX	0.898	1037854	217.952 ug/L m
3) T RDX	1.736	1344751	230.093 ug/L
4) T 1,3,5-Trinitrobenzene	2.727	2652014	222.693 ug/L
5) T 1,3-Dinitrobenzene	3.610	4231857	234.285 ng/ml
6) T 3,5-Dinitroaniline	3.987	3352615	252.144 ug/L
7) T Nitrobenzene	4.825	2559638	236.543 ug/L
8) T Tetryl	6.459	1384914	189.741 ug/L
9) T 2,4,6-Trinitrotoluene	6.722	2904098	242.985 ug/L
10) T 2-Amino-4,6-dinitroto...	7.238	2669217	211.906 ug/L
11) T 4-Amino-2,6-dinitroto...	7.613	1716765	239.023 ug/L
12) T 2,4-Dinitrotoluene	8.379	3877632	219.961 ug/L
13) T 2,6-Dinitrotoluene	8.795	2168727	243.612 ug/L
14) T 2-Nitrotoluene	12.033	1641824	233.298 ug/L m
15) T 4-Nitrotoluene	12.824	1284021	228.798 ug/L m
16) T 3-Nitrotoluene	14.128	3889380	273.166 ug/L m
17) T PETN	19.463	2334946	249.175 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN043014\
Data File : HN006013.D
Signal(s) : VWD1A.CH
Acq On : 30-Apr-2014, 10:10
Operator : HNP
Sample : PB76036BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

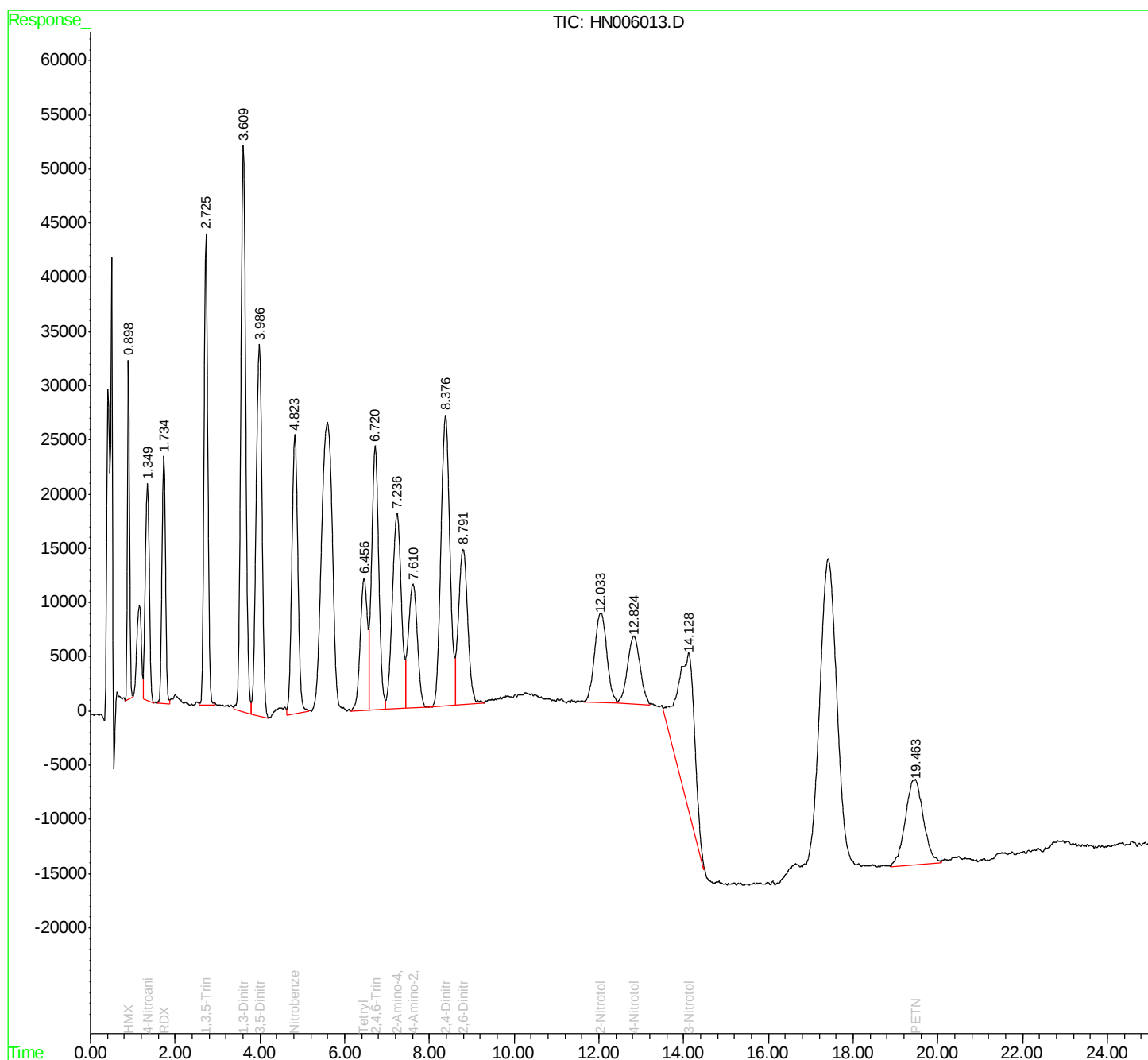
Instrument :
HPLC_N
ClientSampleId :
PB76036BS

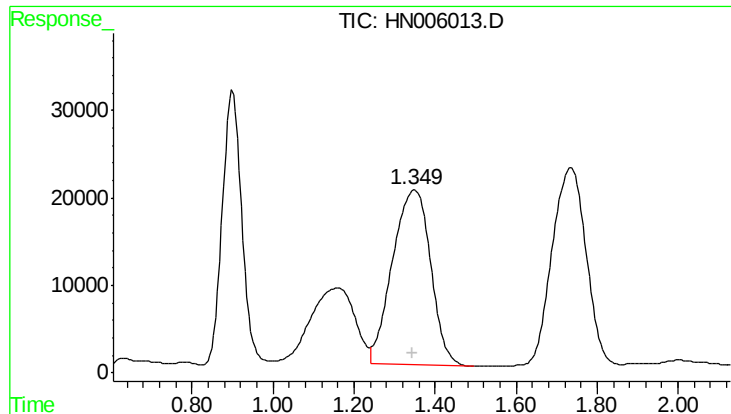
Manual Integrations
APPROVED

himanshu
4/30/2014 3:32:09 PM

Integration File: autoint1.e
Quant Time: Apr 30 13:50:00 2014
Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN042914.M
Quant Title :
QLast Update : Wed Apr 30 12:52:07 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





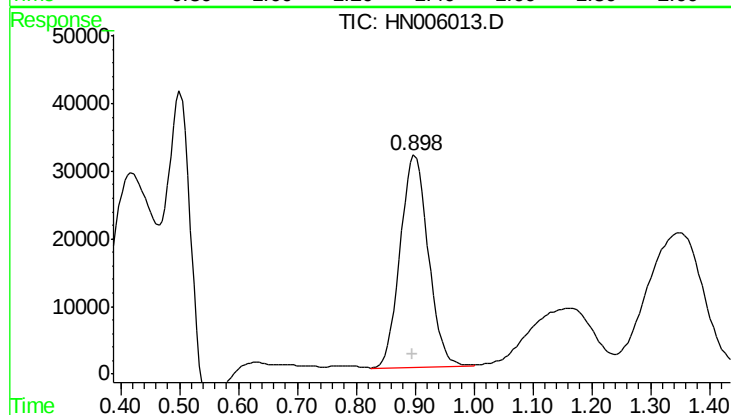
#1 4-Nitroaniline

R.T.: 1.350 min
Delta R.T.: 0.005 min
Response: 1312359
Conc: 277.67 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

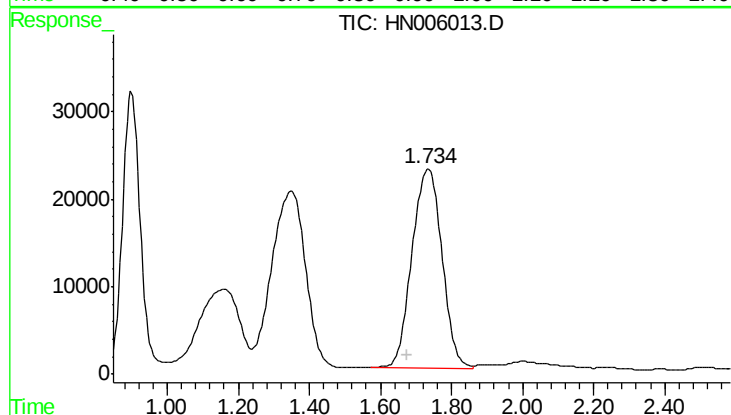
Manual Integrations
APPROVED

himanshu
4/30/2014 3:32:09 PM



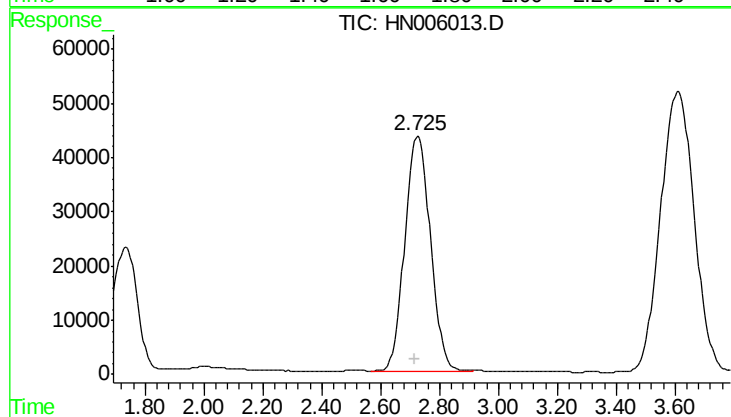
#2 HMX

R.T.: 0.898 min
Delta R.T.: 0.003 min
Response: 1037854
Conc: 217.95 ug/L m



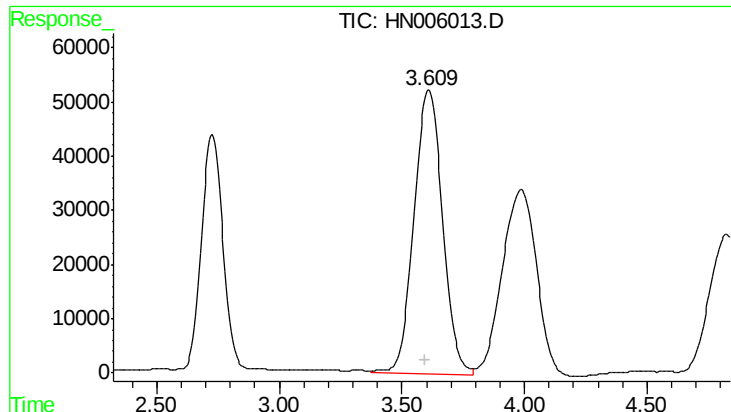
#3 RDX

R.T.: 1.736 min
Delta R.T.: 0.062 min
Response: 1344751
Conc: 230.09 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.727 min
Delta R.T.: 0.012 min
Response: 2652014
Conc: 222.69 ug/L



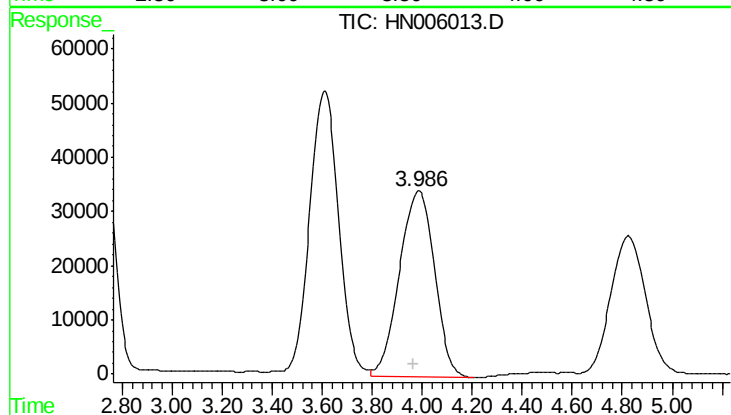
#5 1,3-Dinitrobenzene

R.T.: 3.610 min
Delta R.T.: 0.015 min
Response: 4231857
Conc: 234.28 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

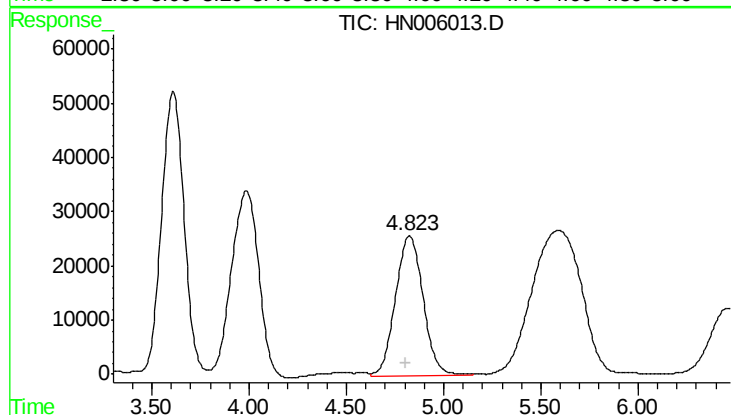
Manual Integrations
APPROVED

himanshu
4/30/2014 3:32:09 PM



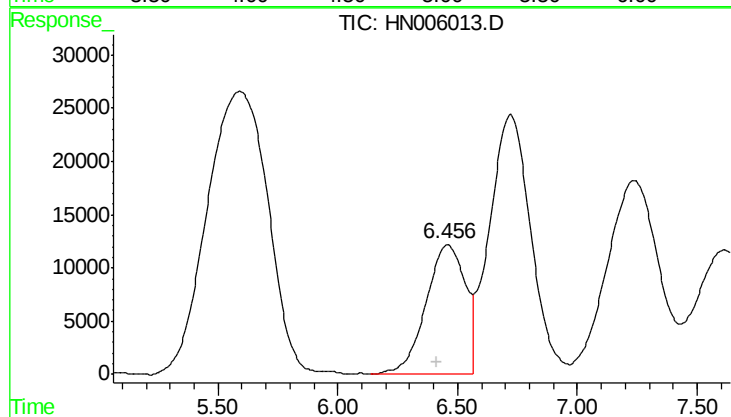
#6 3,5-Dinitroaniline

R.T.: 3.987 min
Delta R.T.: 0.020 min
Response: 3352615
Conc: 252.14 ug/L



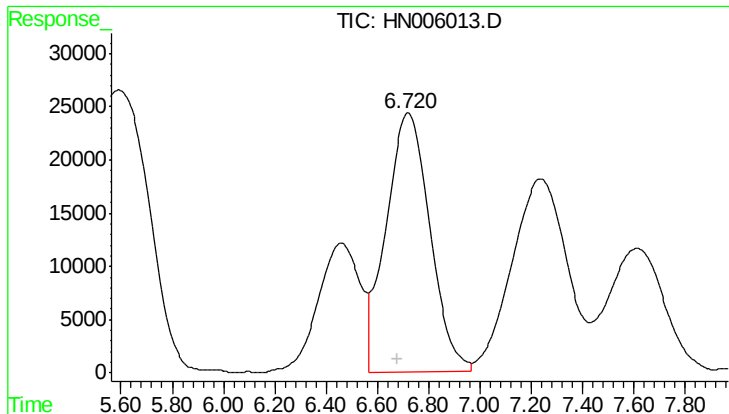
#7 Nitrobenzene

R.T.: 4.825 min
Delta R.T.: 0.022 min
Response: 2559638
Conc: 236.54 ug/L



#8 Tetryl

R.T.: 6.459 min
Delta R.T.: 0.044 min
Response: 1384914
Conc: 189.74 ug/L



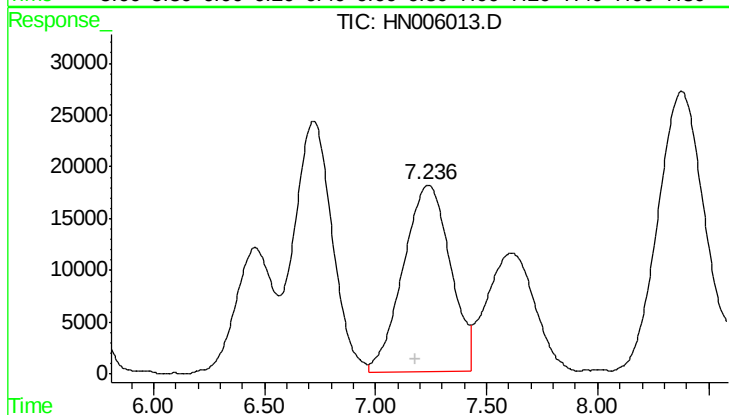
#9 2,4,6-Trinitrotoluene

R.T.: 6.722 min
Delta R.T.: 0.041 min
Response: 2904098
Conc: 242.98 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

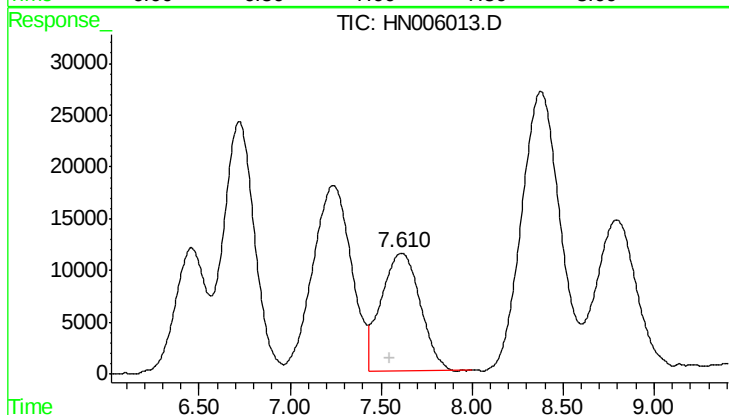
Manual Integrations
APPROVED

himanshu
4/30/2014 3:32:09 PM



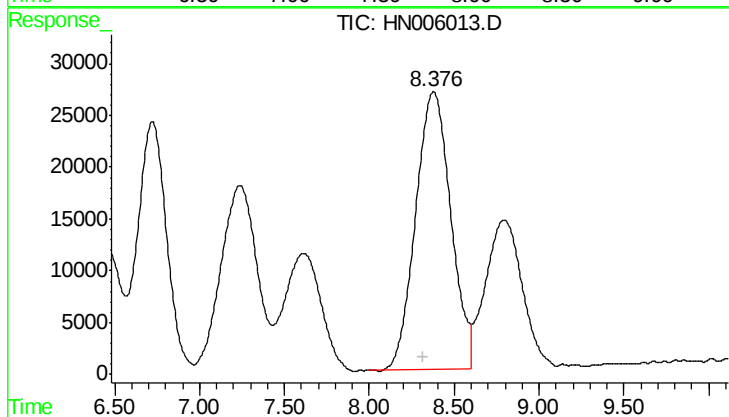
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.238 min
Delta R.T.: 0.056 min
Response: 2669217
Conc: 211.91 ug/L



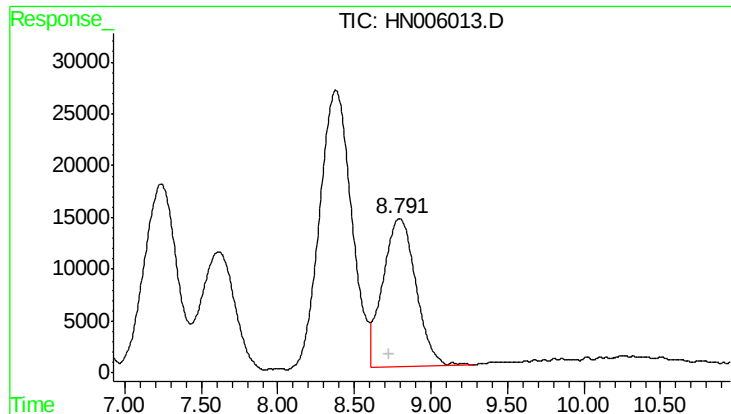
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.613 min
Delta R.T.: 0.062 min
Response: 1716765
Conc: 239.02 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.379 min
Delta R.T.: 0.062 min
Response: 3877632
Conc: 219.96 ug/L



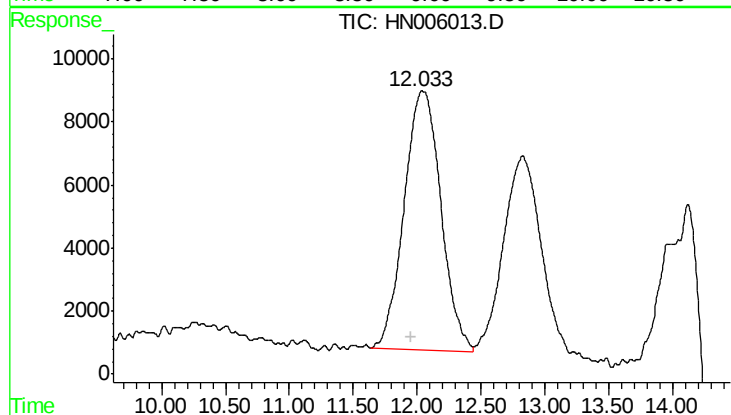
#13 2,6-Dinitrotoluene

R.T.: 8.795 min
Delta R.T.: 0.066 min
Response: 2168727
Conc: 243.61 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

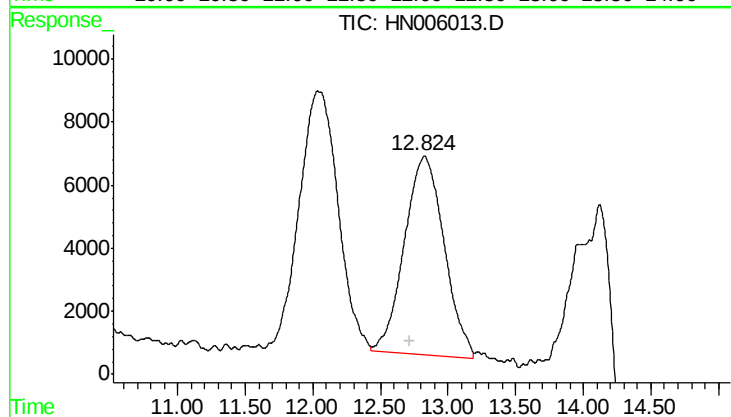
Manual Integrations
APPROVED

himanshu
4/30/2014 3:32:09 PM



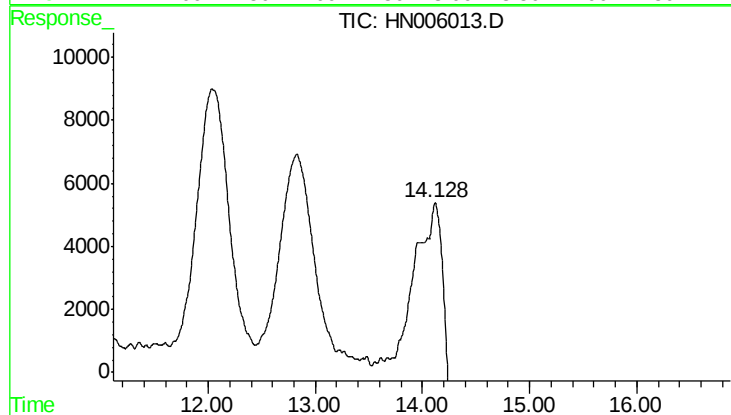
#14 2-Nitrotoluene

R.T.: 12.033 min
Delta R.T.: 0.085 min
Response: 1641824
Conc: 233.30 ug/L m



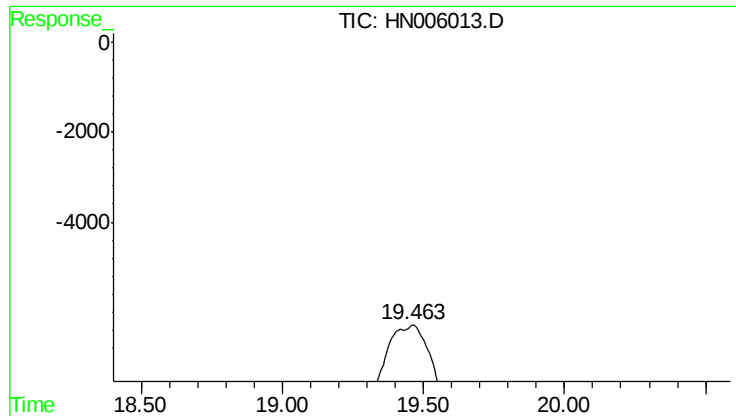
#15 4-Nitrotoluene

R.T.: 12.824 min
Delta R.T.: 0.104 min
Response: 1284021
Conc: 228.80 ug/L m



#16 3-Nitrotoluene

R.T.: 14.128 min
Delta R.T.: 0.058 min
Response: 3889380
Conc: 273.17 ug/L m



#17 PETN

R.T.: 19.463 min
Delta R.T.: 0.104 min
Response: 2334946
Conc: 249.18 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB76036BS

Manual Integrations
APPROVED

himanshu
4/30/2014 3:32:09 PM