

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006543.D\VWD1A.CH Vial: 62
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006543.D\VWD1A.CH
 Acq On : 24-Oct-2014, 12:26 Operator: HNP
 Sample : F4368-09MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 20:16 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB40-1014MS

Manual Integrations
 APPROVED

ugo
 11/3/2014 11:51:34 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 17 14:52:14 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

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	1.30	599640	150.871 ug/L m
Target Compounds			
2) T HMX	0.88	627542	129.754 ug/L
3) T RDX	1.70	694123	126.606 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	1363315	127.122 ug/L
5) T 1,3-Dinitrobenzene	3.54	2144154	130.947 ng/ml
6) T 3,5-Dinitroaniline	3.89	1629931	139.874 ug/L m
7) T Nitrobenzene	4.79	1323306	132.054 ug/L m
8) T Tetryl	6.29	646521	101.396 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	1905472	177.467 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.07	1474913	127.374 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.43	988186	161.914 ug/L m
12) T 2,4-Dinitrotoluene	8.23	2070437	134.467 ug/L m
13) T 2,6-Dinitrotoluene	8.64	1132314	133.596 ug/L m
14) T 2-Nitrotoluene	11.94	861159	128.583 ug/L m
15) T 4-Nitrotoluene	12.72	758912	138.638 ug/L m
16) T 3-Nitrotoluene	14.05	938584	134.821 ug/L m
17) T PETN	19.17	1161413	141.113 ug/L m

 Analyst Signature: _____ Analyst Name: _____ Date: _____

-----REASONS FOR MANUAL INTEGRATIONS-----

___Poor resolution of peaks exhibited on chromatogram.Compound #: _____

___Peak Integrated by software incorrectly.Compound #: _____

___OTHER: _____ Compound #: _____

(f)=RT Delta > 1/2 Window (m)=manual int.

HN006543.D HN100214.M Sat Nov 08 00:27:29 2014

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006543.D\VWD1A.CH Vial: 62
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006543.D\VWD1A.CH
 Acq On : 24-Oct-2014, 12:26 Operator: HNP
 Sample : F4368-09MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 20:16 2014 Quant Results File: HN100214.RES

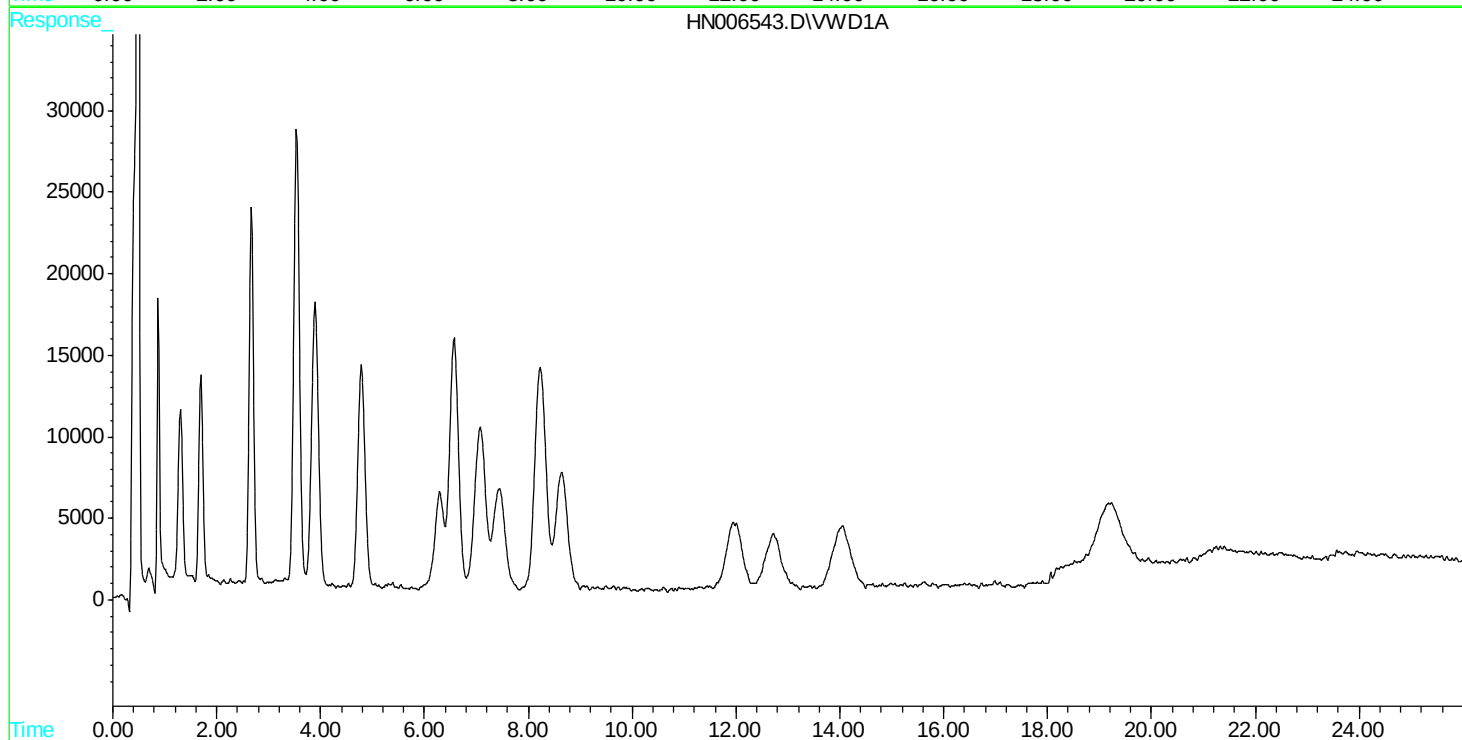
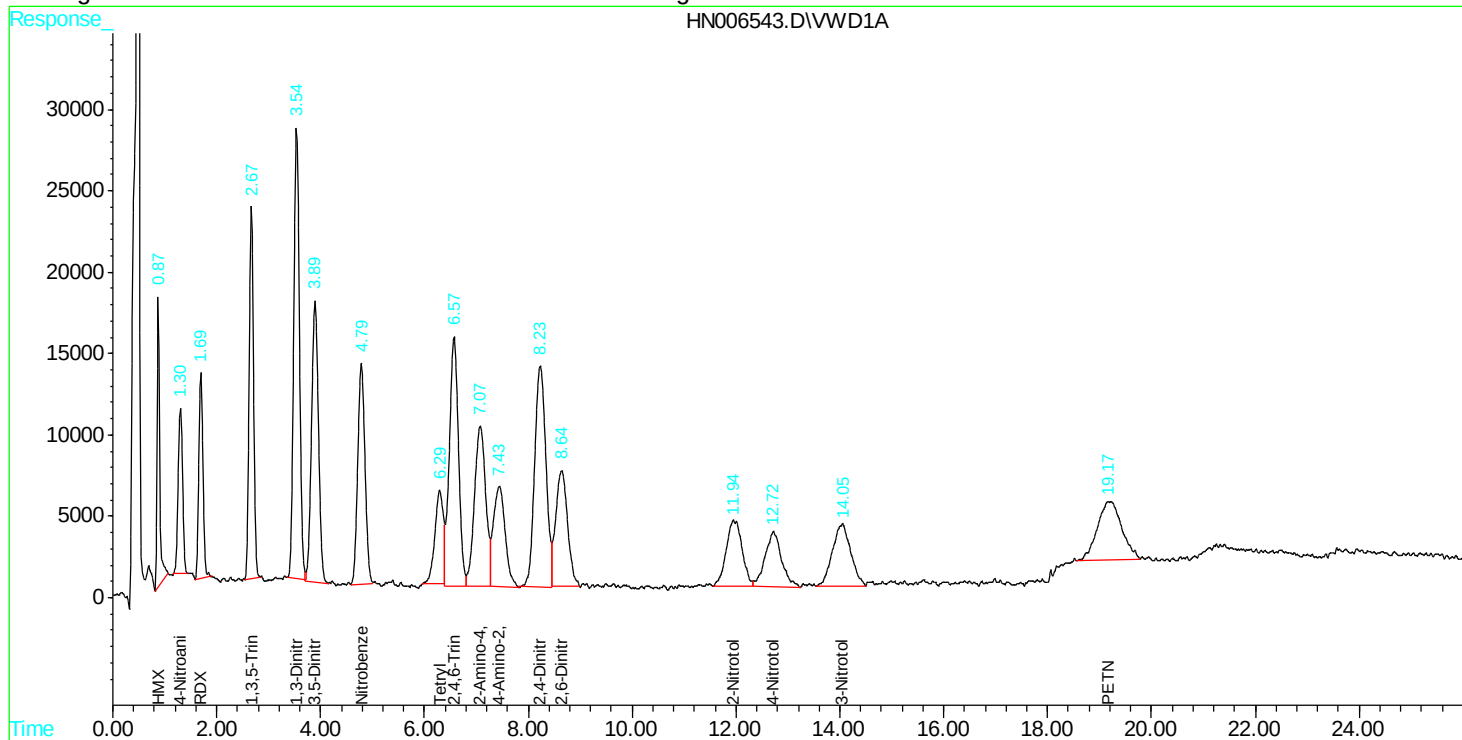
Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB40-1014MS

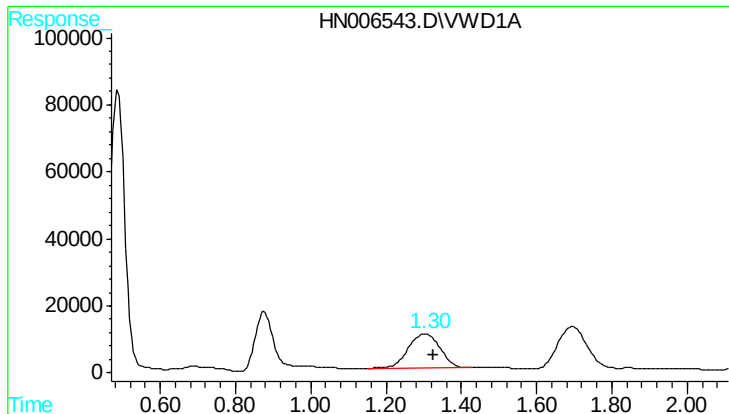
Manual Integrations
 APPROVED

ugo
 11/3/2014 11:51:34 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 17 14:52:14 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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 :





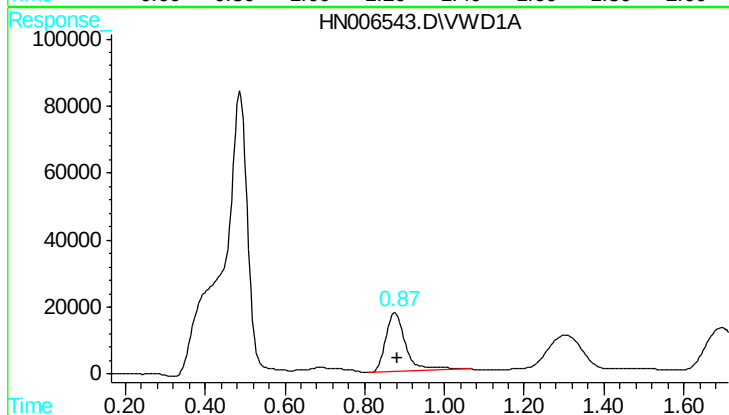
#1 4-Nitroaniline

R.T.: 1.302 min
 Delta R.T.: -0.025 min
 Response: 599640
 Conc: 150.87 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB40-1014MS

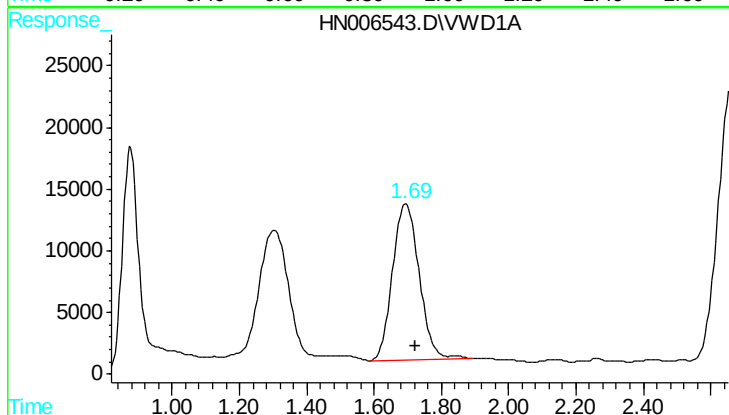
Manual Integrations
 APPROVED

ugo
 11/3/2014 11:51:34 AM



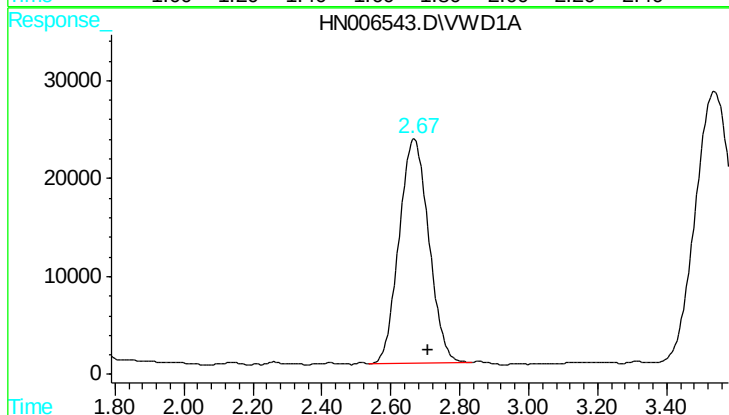
#2 HMX

R.T.: 0.876 min
 Delta R.T.: -0.006 min
 Response: 627542
 Conc: 129.75 ug/L



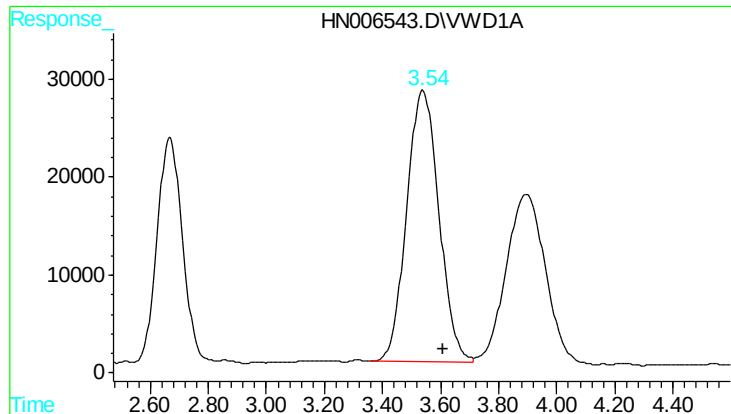
#3 RDX

R.T.: 1.695 min
 Delta R.T.: -0.026 min
 Response: 694123
 Conc: 126.61 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.668 min
 Delta R.T.: -0.041 min
 Response: 1363315
 Conc: 127.12 ug/L



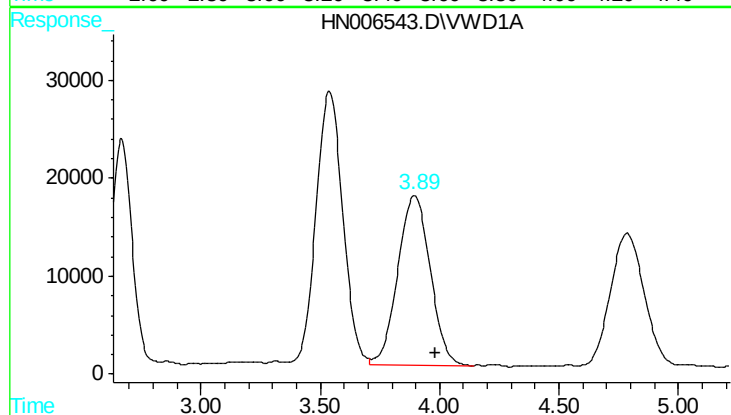
#5 1,3-Dinitrobenzene

R.T.: 3.539 min
Delta R.T.: -0.069 min
Response: 2144154
Conc: 130.95 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MS

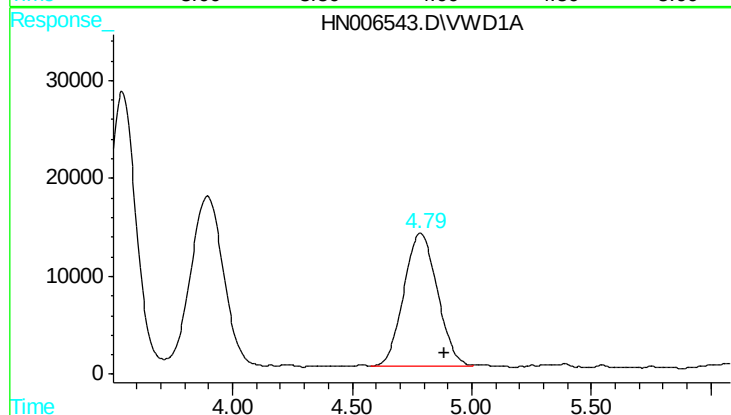
Manual Integrations
APPROVED

ugo
11/3/2014 11:51:34 AM



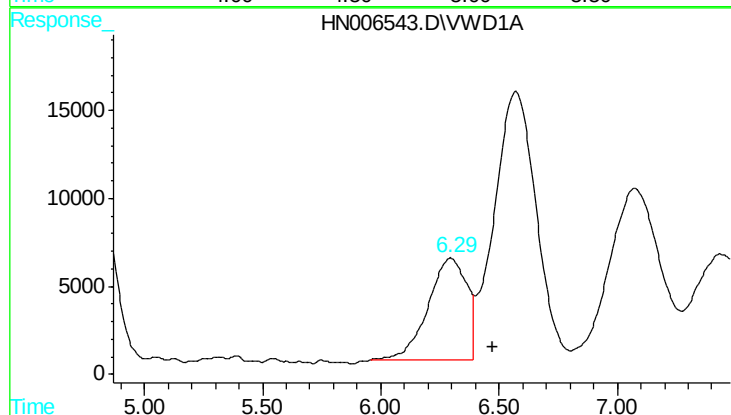
#6 3,5-Dinitroaniline

R.T.: 3.893 min
Delta R.T.: -0.090 min
Response: 1629931
Conc: 139.87 ug/L m



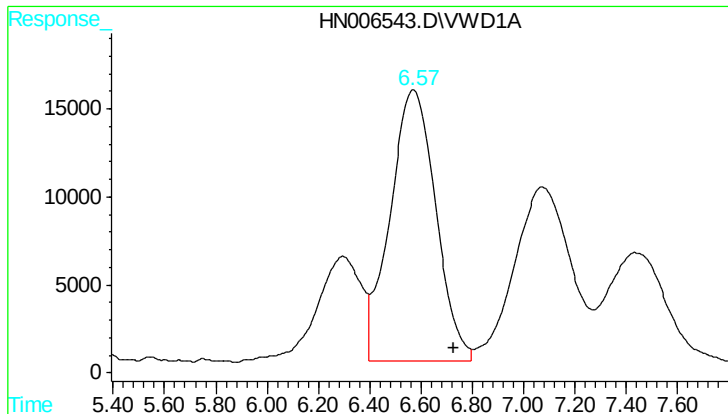
#7 Nitrobenzene

R.T.: 4.785 min
Delta R.T.: -0.098 min
Response: 1323306
Conc: 132.05 ug/L m



#8 Tetryl

R.T.: 6.293 min
Delta R.T.: -0.182 min
Response: 646521
Conc: 101.40 ug/L m



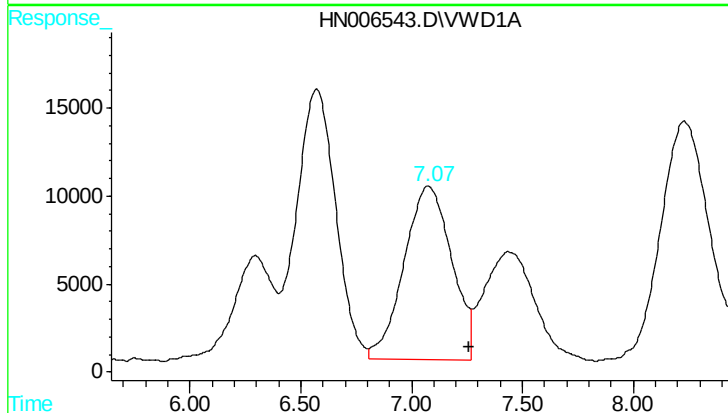
#9 2,4,6-Trinitrotoluene

R.T.: 6.570 min
Delta R.T.: -0.156 min
Response: 1905472
Conc: 177.47 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MS

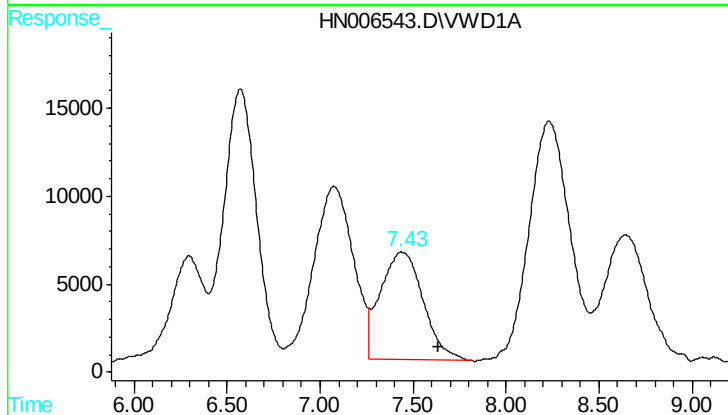
Manual Integrations
APPROVED

ugo
11/3/2014 11:51:34 AM



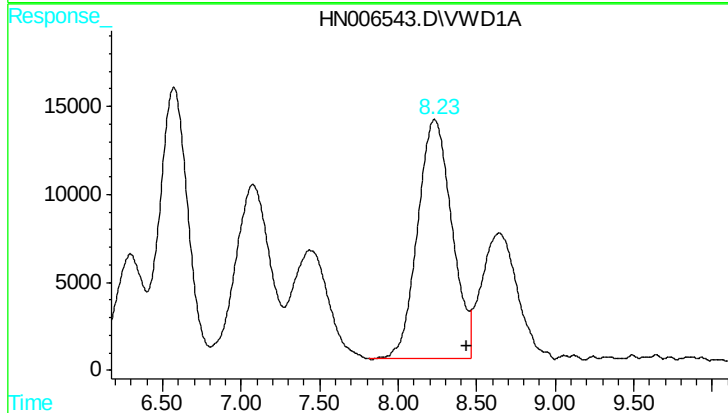
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.072 min
Delta R.T.: -0.190 min
Response: 1474913
Conc: 127.37 ug/L m



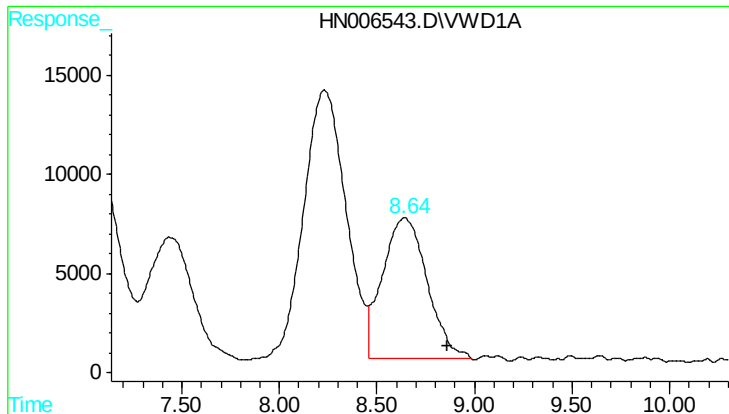
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.434 min
Delta R.T.: -0.200 min
Response: 988186
Conc: 161.91 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.227 min
Delta R.T.: -0.208 min
Response: 2070437
Conc: 134.47 ug/L m



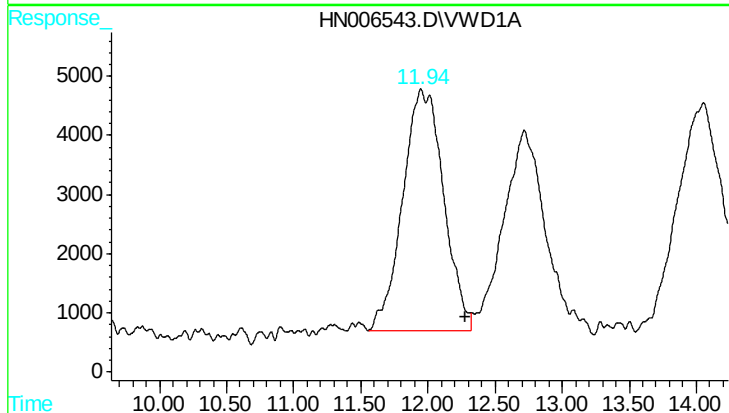
#13 2,6-Dinitrotoluene

R.T.: 8.641 min
Delta R.T.: -0.221 min
Response: 1132314
Conc: 133.60 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MS

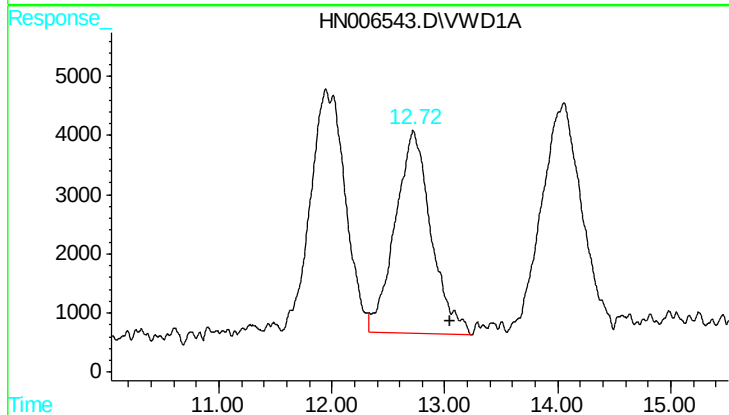
Manual Integrations
APPROVED

ugo
11/3/2014 11:51:34 AM



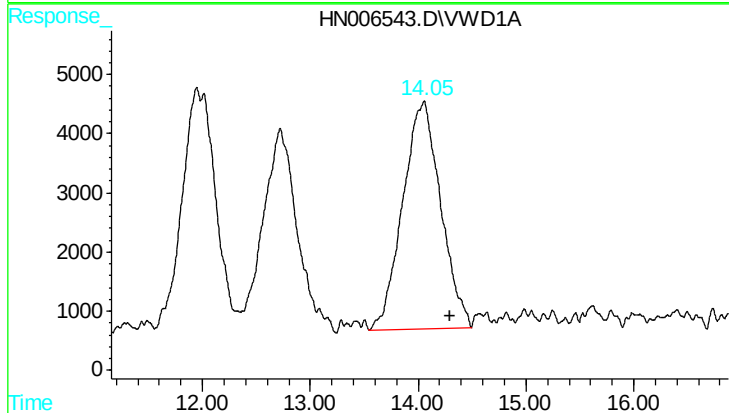
#14 2-Nitrotoluene

R.T.: 11.944 min
Delta R.T.: -0.337 min
Response: 861159
Conc: 128.58 ug/L m



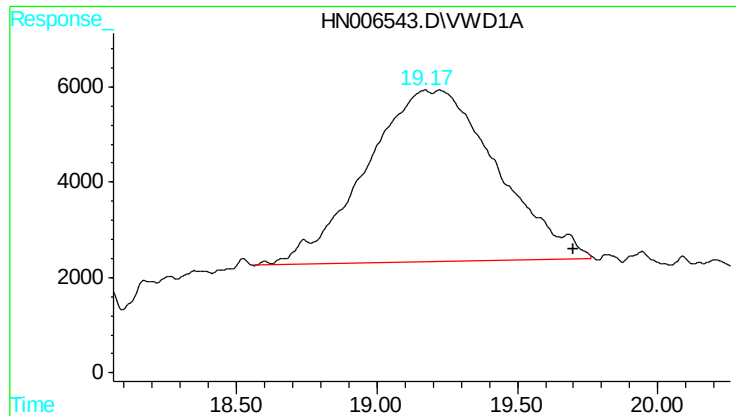
#15 4-Nitrotoluene

R.T.: 12.719 min
Delta R.T.: -0.326 min
Response: 758912
Conc: 138.64 ug/L m



#16 3-Nitrotoluene

R.T.: 14.053 min
Delta R.T.: -0.247 min
Response: 938584
Conc: 134.82 ug/L m



#17 PETN

R.T.: 19.169 min
Delta R.T.: -0.533 min
Response: 1161413
Conc: 141.11 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB40-1014MS

Manual Integrations
APPROVED

ugo
11/3/2014 11:51:34 AM