

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN120214\HN007128.D Vial: 8
 Acq On : 02-Dec-2014, 14:05 Operator: TP
 Sample : PB80633BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Dec 3 10:05 2014 Quant Results File: HN120214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB80633BS

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN120214.M
 Title :
 Last Update : Tue Dec 02 14:25:16 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Manual Integrations
 APPROVED

ugo
 12/8/2014 4:32:41 PM

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	1.31	1973494	471.128 ug/L m
Target Compounds			
2) T HMX	0.88	2204722	507.616 ug/L m
3) T RDX	1.70	2691149	485.989 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5493403	477.033 ug/L
5) T 1,3-Dinitrobenzene	3.54	8305264	495.870 ng/ml
6) T 3,5-Dinitroaniline	3.92	6163489	472.645 ug/L
7) T Nitrobenzene	4.78	5150046	512.233 ug/L
8) T Tetryl	6.32	3209966	453.813 ug/L m
9) T 2,4,6-Trinitrotoluene	6.55	5545256	452.984 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.13	5179508	458.917 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.48	3385630	517.349 ug/L
12) T 2,4-Dinitrotoluene	8.23	7657182	499.427 ug/L
13) T 2,6-Dinitrotoluene	8.64	4046156	484.871 ug/L
14) T 2-Nitrotoluene	11.95	3196208	487.348 ug/L m
15) T 4-Nitrotoluene	12.69	2551847	481.723 ug/L m
16) T 3-Nitrotoluene	14.02	3584590	478.718 ug/L
17) T PETN	19.08	4156757	494.731 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.

HN007128.D HN120214.M Wed Dec 31 17:30:29 2014

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN120214\HN007128.D Vial: 8
Acq On : 02-Dec-2014, 14:05 Operator: TP
Sample : PB80633BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Dec 3 10:05 2014 Quant Results File: HN120214.RES

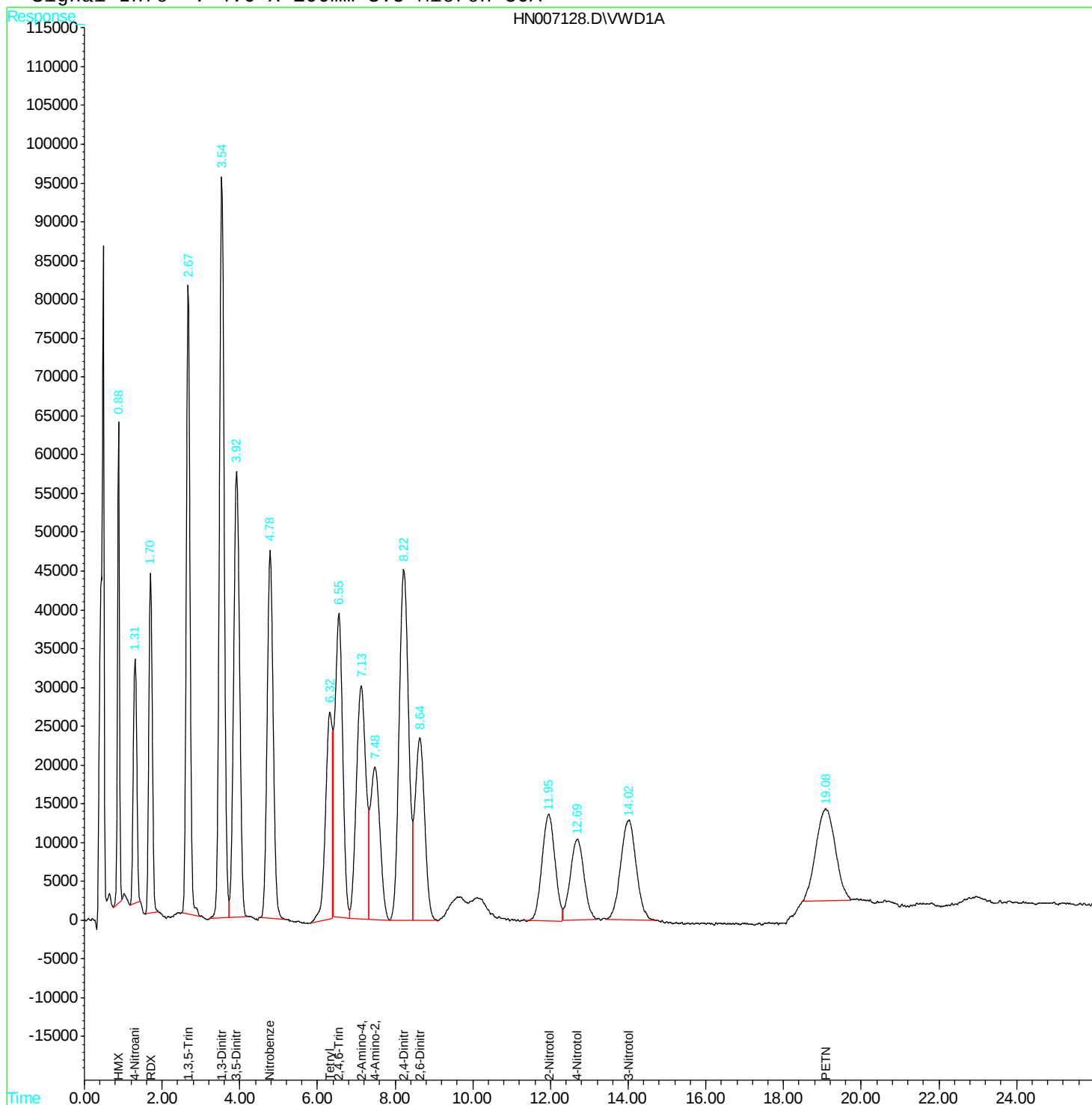
Instrument :
HPLC_N
ClientSampleId :
PB80633BS

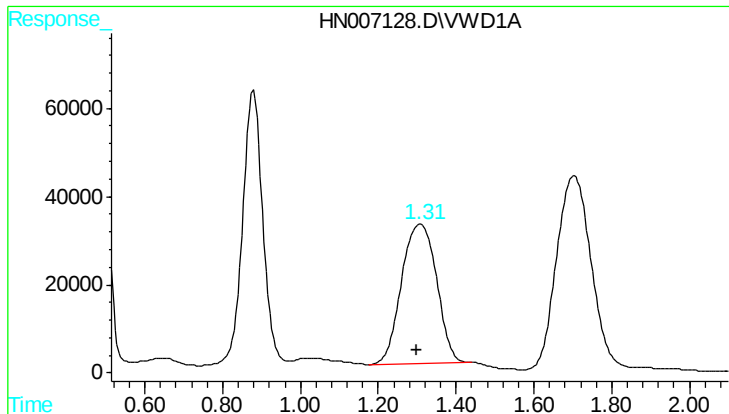
Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN120214.M
Title :
Last Update : Tue Dec 02 14:25:16 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Manual Integrations
APPROVED

ugo
12/8/2014 4:32:41 PM

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





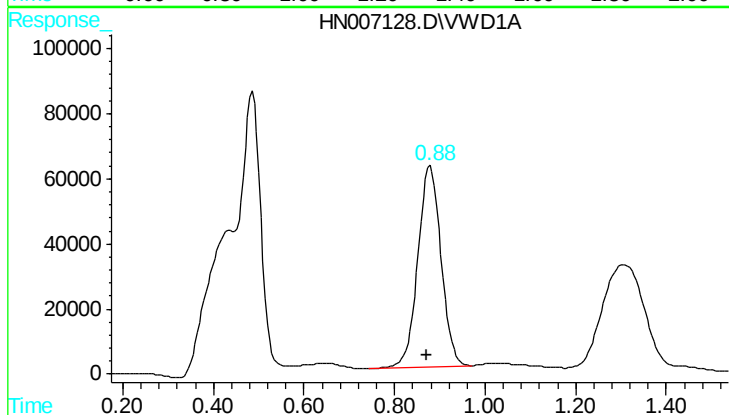
#1 4-Nitroaniline

R.T.: 1.307 min
Delta R.T.: 0.007 min
Response: 1973494
Conc: 471.13 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB80633BS

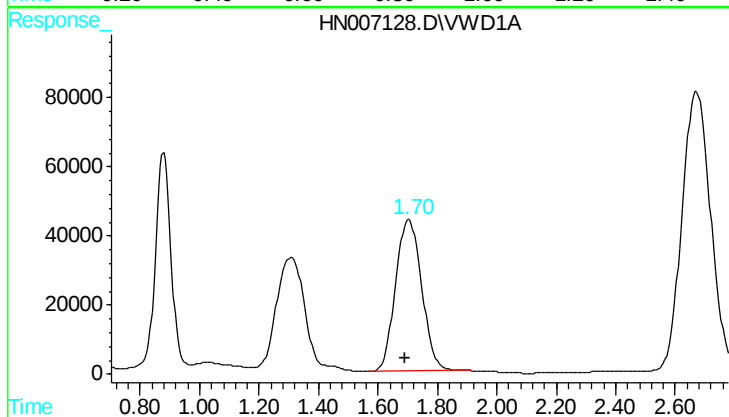
Manual Integrations
APPROVED

ugo
12/8/2014 4:32:41 PM



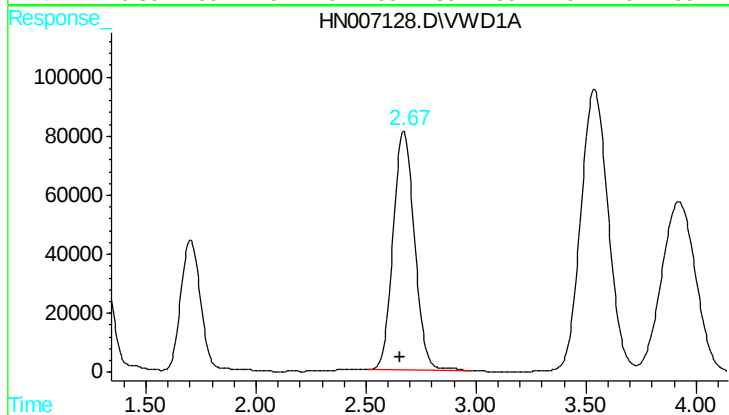
#2 HMX

R.T.: 0.877 min
Delta R.T.: 0.005 min
Response: 2204722
Conc: 507.62 ug/L m



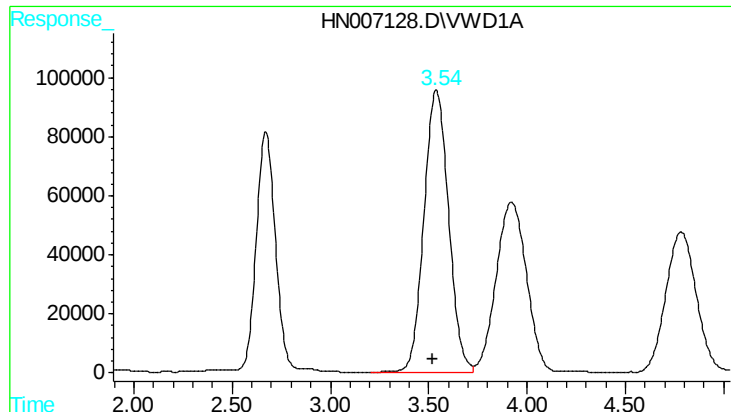
#3 RDX

R.T.: 1.703 min
Delta R.T.: 0.010 min
Response: 2691149
Conc: 485.99 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.672 min
Delta R.T.: 0.017 min
Response: 5493403
Conc: 477.03 ug/L



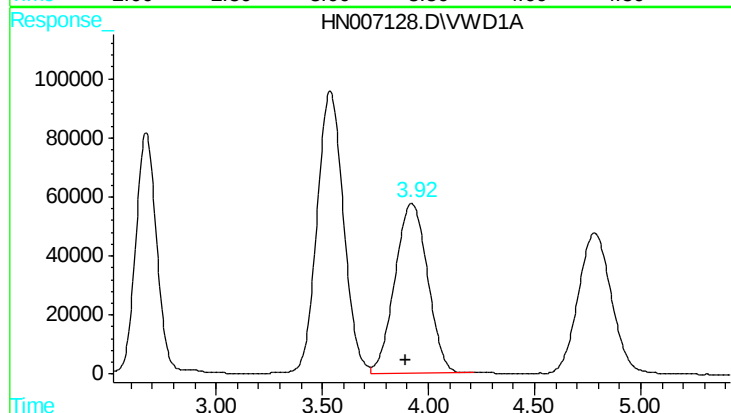
#5 1,3-Dinitrobenzene

R.T.: 3.539 min
Delta R.T.: 0.021 min
Response: 8305264
Conc: 495.87 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB80633BS

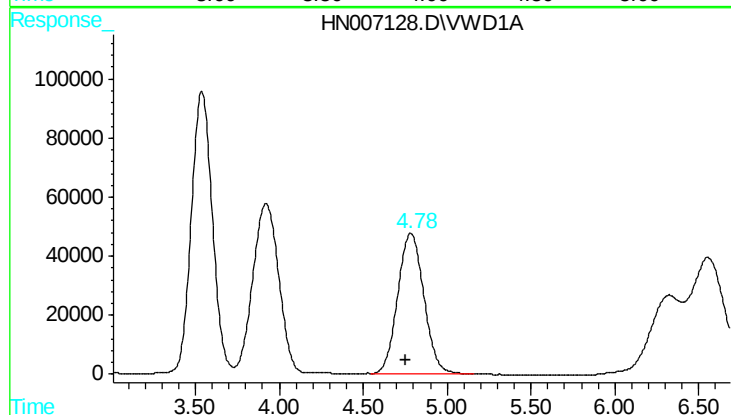
Manual Integrations
APPROVED

ugo
12/8/2014 4:32:41 PM



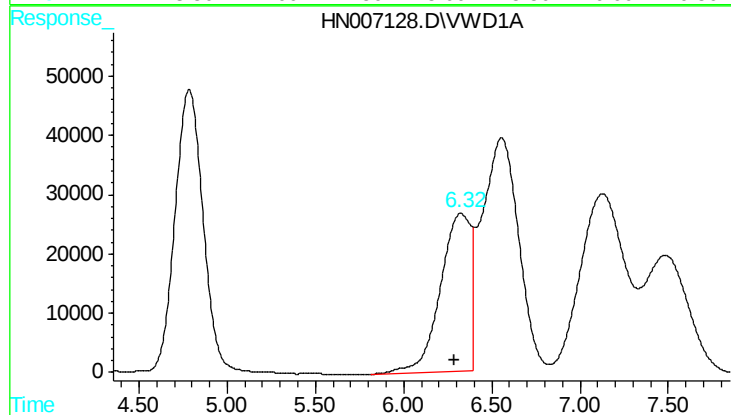
#6 3,5-Dinitroaniline

R.T.: 3.922 min
Delta R.T.: 0.029 min
Response: 6163489
Conc: 472.65 ug/L



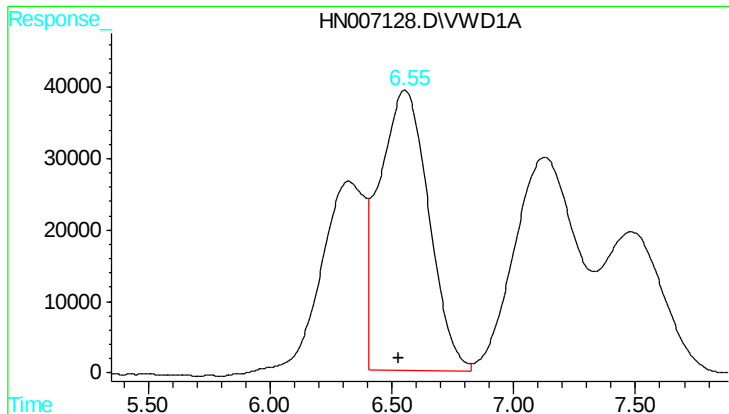
#7 Nitrobenzene

R.T.: 4.784 min
Delta R.T.: 0.027 min
Response: 5150046
Conc: 512.23 ug/L



#8 Tetryl

R.T.: 6.321 min
Delta R.T.: 0.033 min
Response: 3209966
Conc: 453.81 ug/L m



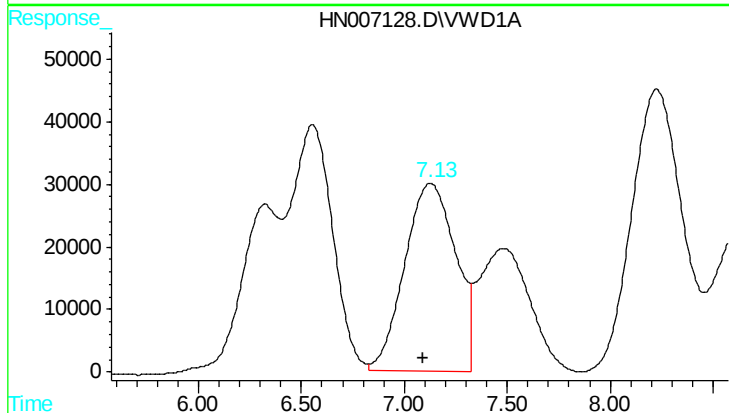
#9 2,4,6-Trinitrotoluene

R.T.: 6.554 min
Delta R.T.: 0.026 min
Response: 5545256
Conc: 452.98 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB80633BS

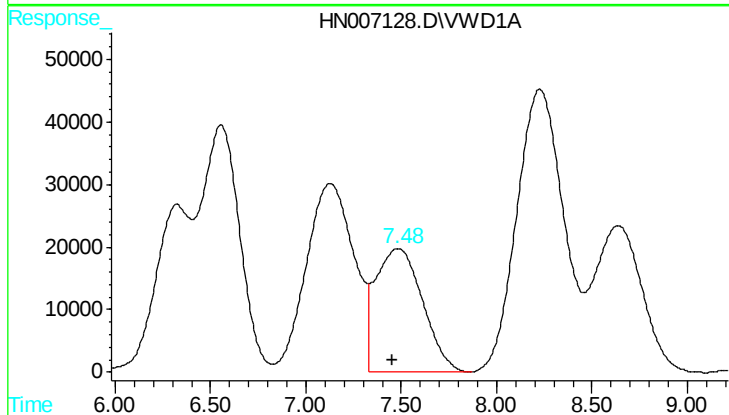
Manual Integrations
APPROVED

ugo
12/8/2014 4:32:41 PM



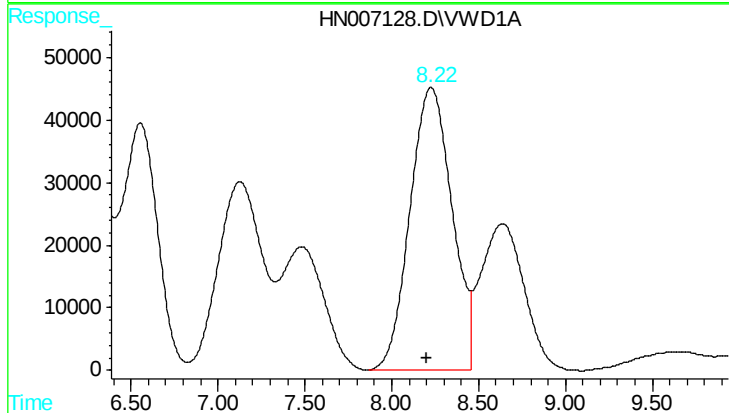
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.128 min
Delta R.T.: 0.034 min
Response: 5179508
Conc: 458.92 ug/L



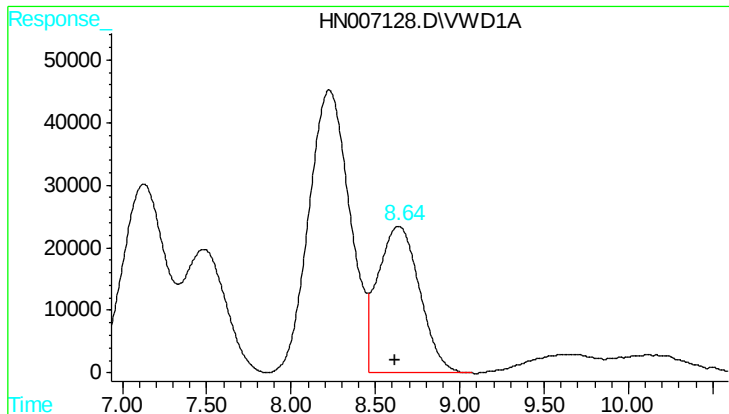
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.482 min
Delta R.T.: 0.031 min
Response: 3385630
Conc: 517.35 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.226 min
Delta R.T.: 0.020 min
Response: 7657182
Conc: 499.43 ug/L



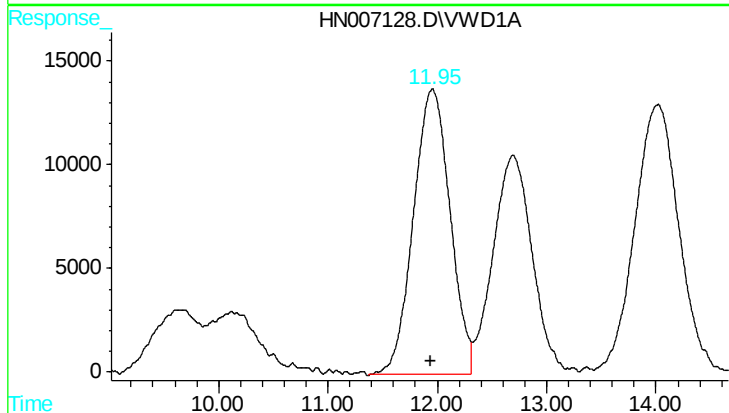
#13 2,6-Dinitrotoluene

R.T.: 8.637 min
Delta R.T.: 0.019 min
Response: 4046156
Conc: 484.87 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB80633BS

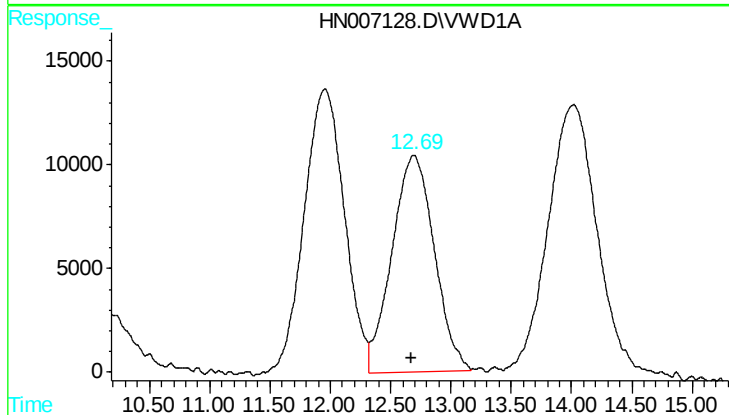
Manual Integrations
APPROVED

ugo
12/8/2014 4:32:41 PM



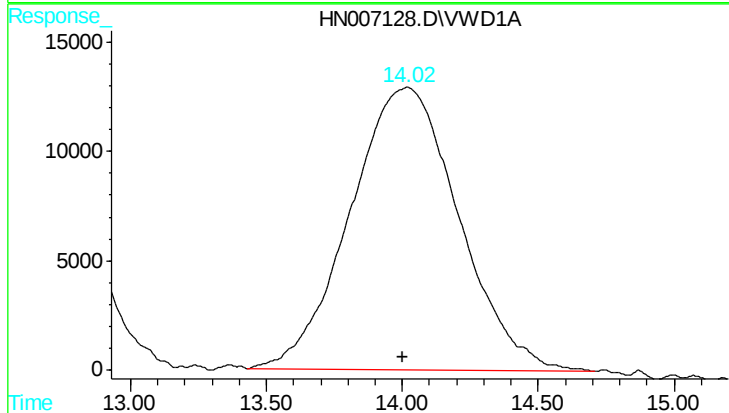
#14 2-Nitrotoluene

R.T.: 11.955 min
Delta R.T.: 0.013 min
Response: 3196208
Conc: 487.35 ug/L m



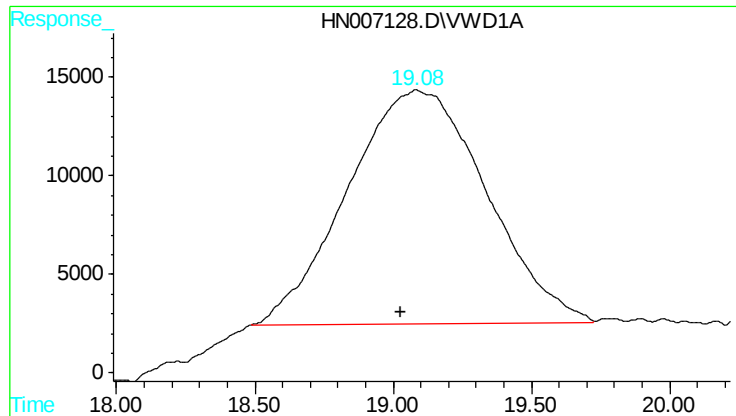
#15 4-Nitrotoluene

R.T.: 12.690 min
Delta R.T.: 0.021 min
Response: 2551847
Conc: 481.72 ug/L m



#16 3-Nitrotoluene

R.T.: 14.016 min
Delta R.T.: 0.015 min
Response: 3584590
Conc: 478.72 ug/L



#17 PETN

R.T.: 19.081 min
Delta R.T.: 0.054 min
Response: 4156757
Conc: 494.73 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB80633BS

Manual Integrations
APPROVED

ugo
12/8/2014 4:32:41 PM