

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006952.D\VWD1A.CH Vial: 68
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006952.D\VWD1A.CH
 Acq On : 01-Nov-2014, 23:41 Operator: TP
 Sample : PB79747BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:16 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79747BS

Manual Integrations
 APPROVED

ugo
 11/14/2014 10:36:22 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Title :
 Last Update : Sat Nov 01 07:07:53 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	602338	165.693 ug/L m
Target Compounds			
2) T HMX	0.87	609190	139.714 ug/L
3) T RDX	1.69	676386	132.226 ug/L m
4) T 1,3,5-Trinitrobenzene	2.66	1381223	134.935 ug/L
5) T 1,3-Dinitrobenzene	3.53	2137654	135.276 ng/ml
6) T 3,5-Dinitroaniline	3.90	1695825	151.223 ug/L
7) T Nitrobenzene	4.77	1268957	133.223 ug/L
8) T Tetryl	6.28	608865	123.600 ug/L m
9) T 2,4,6-Trinitrotoluene	6.54	1434642	141.482 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	1321801	118.100 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.42	846449	149.165 ug/L m
12) T 2,4-Dinitrotoluene	8.20	1983091	133.721 ug/L m
13) T 2,6-Dinitrotoluene	8.61	1009492	125.912 ug/L m
14) T 2-Nitrotoluene	11.91	785470	124.108 ug/L m
15) T 4-Nitrotoluene	12.62	628230	123.503 ug/L m
16) T 3-Nitrotoluene	14.00	898651	132.813 ug/L m
17) T PETN	19.08	1219506	145.363 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.

HN006952.D HN103114.M Sat Nov 08 04:50:42 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006952.D\VWD1A.CH Vial: 68
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006952.D\VWD1A.CH
Acq On : 01-Nov-2014, 23:41 Operator: TP
Sample : PB79747BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:16 2014 Quant Results File: HN103114.RES

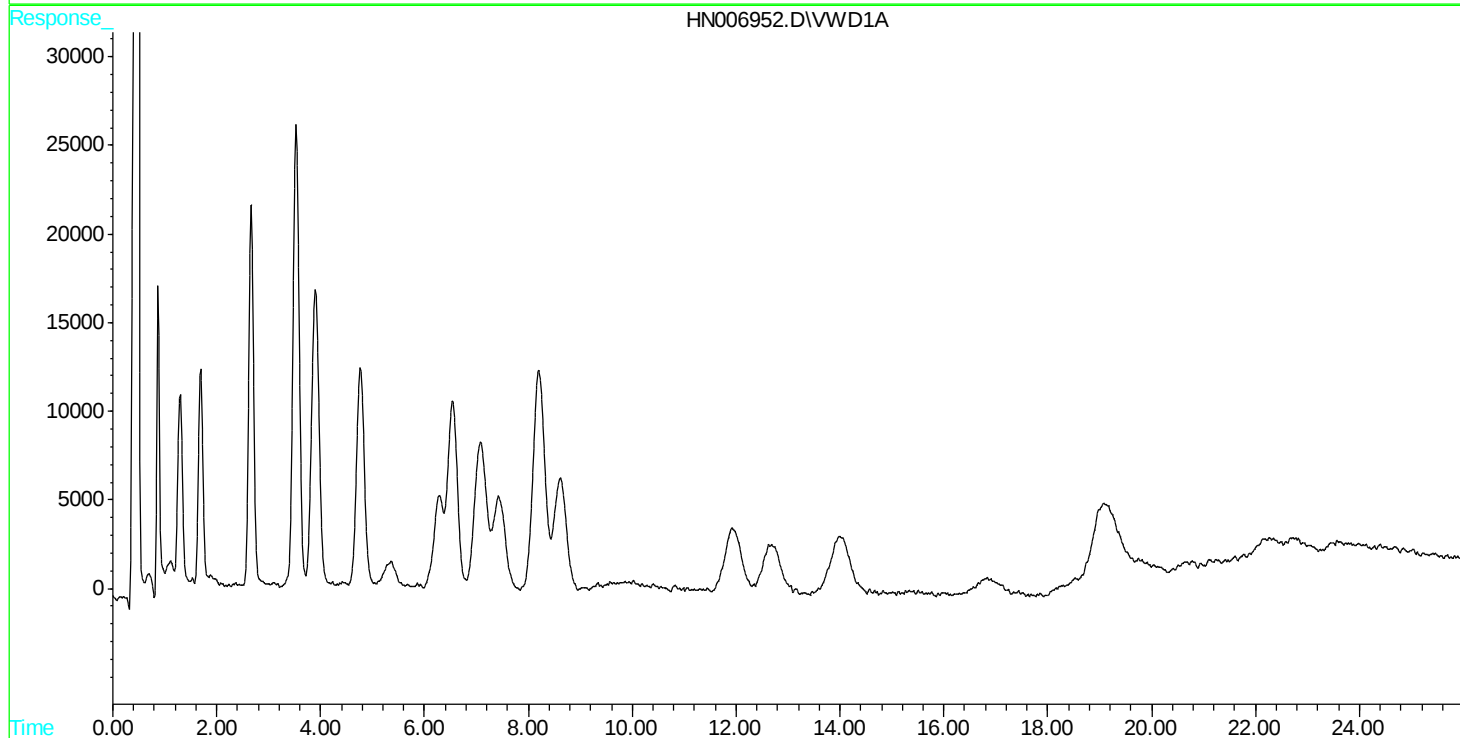
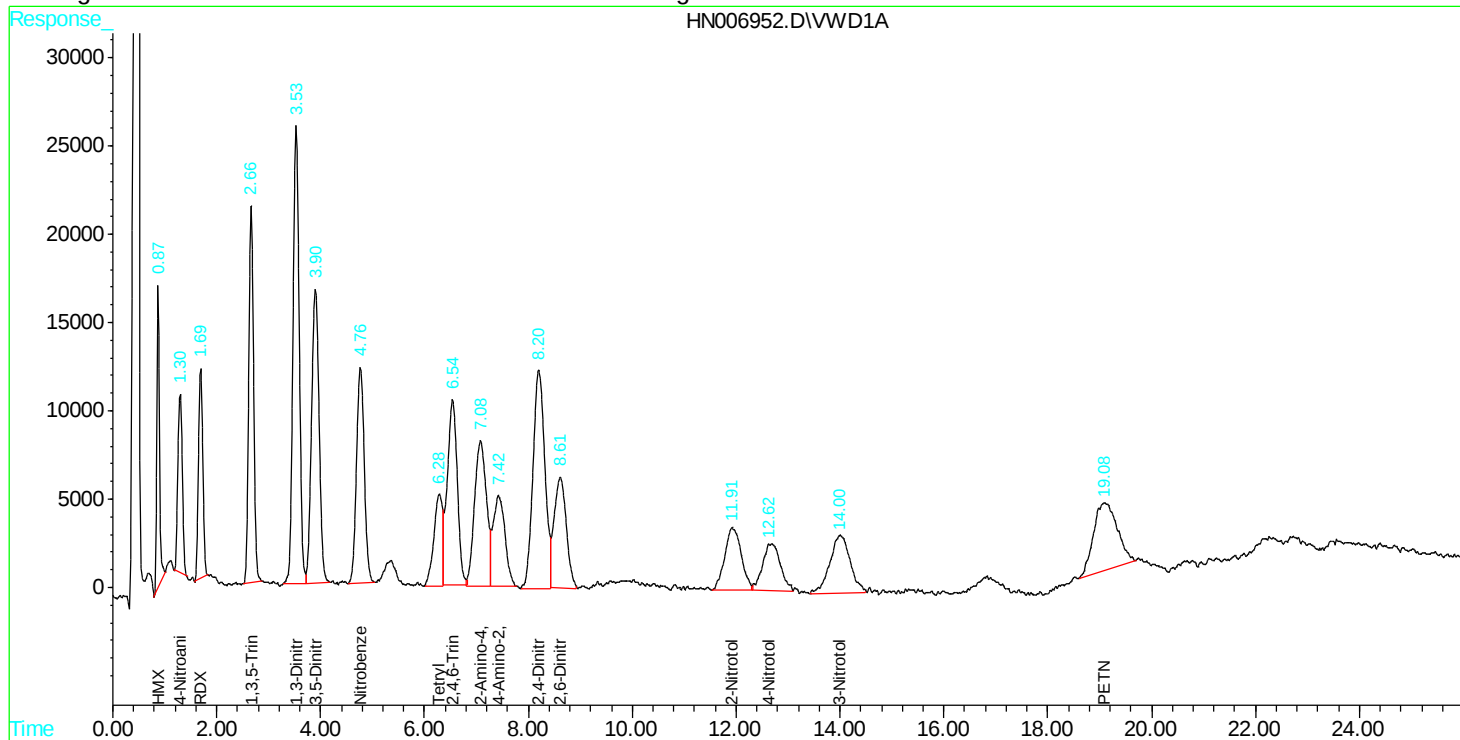
Instrument :
HPLC_N
ClientSampleId :
PB79747BS

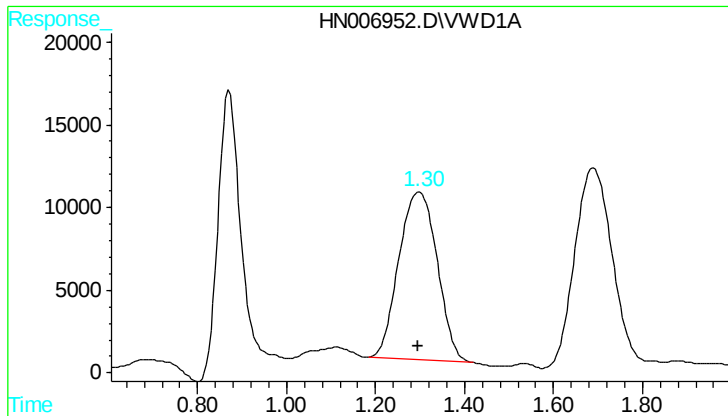
Manual Integrations
APPROVED

ugo
11/14/2014 10:36:22 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 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 :





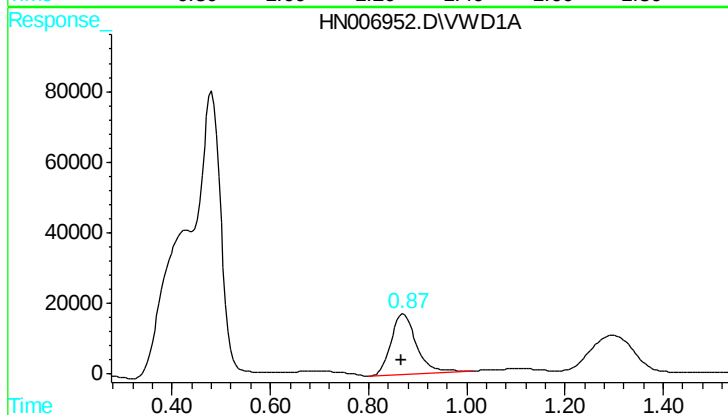
#1 4-Nitroaniline

R.T.: 1.297 min
Delta R.T.: 0.000 min
Response: 602338
Conc: 165.69 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79747BS

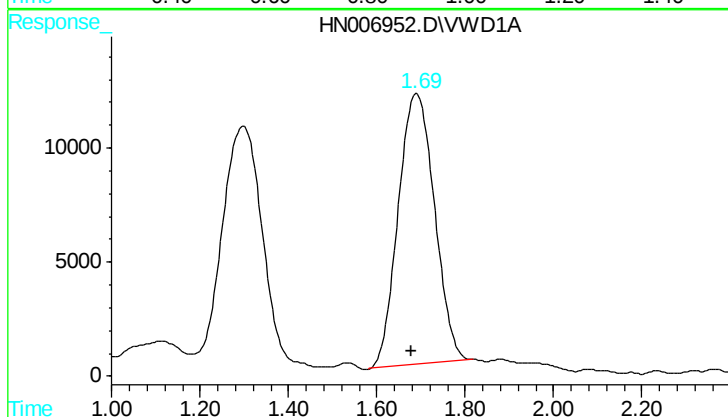
Manual Integrations
APPROVED

ugo
11/14/2014 10:36:22 AM



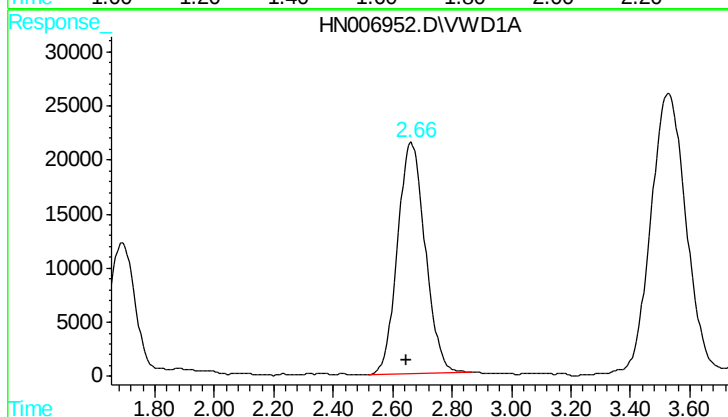
#2 HMX

R.T.: 0.871 min
Delta R.T.: 0.006 min
Response: 609190
Conc: 139.71 ug/L



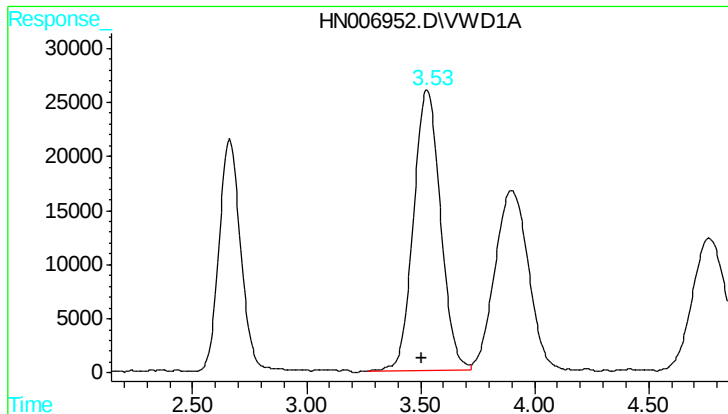
#3 RDX

R.T.: 1.688 min
Delta R.T.: 0.010 min
Response: 676386
Conc: 132.23 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.663 min
Delta R.T.: 0.015 min
Response: 1381223
Conc: 134.94 ug/L



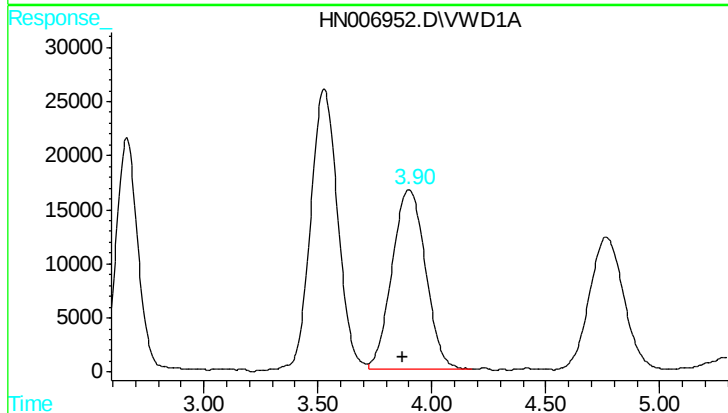
#5 1,3-Dinitrobenzene

R.T.: 3.529 min
Delta R.T.: 0.023 min
Response: 2137654
Conc: 135.28 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79747BS

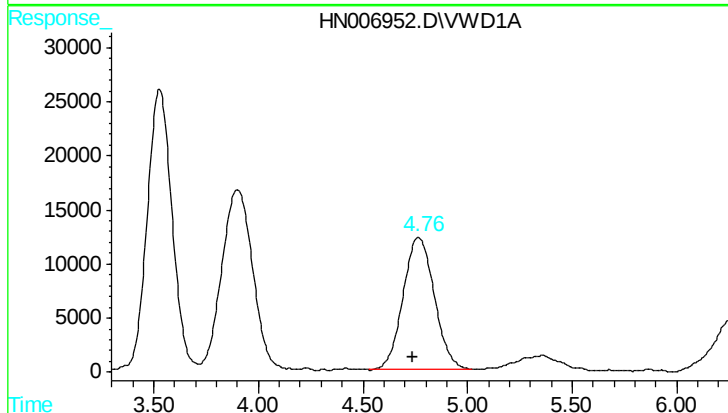
Manual Integrations
APPROVED

ugo
11/14/2014 10:36:22 AM



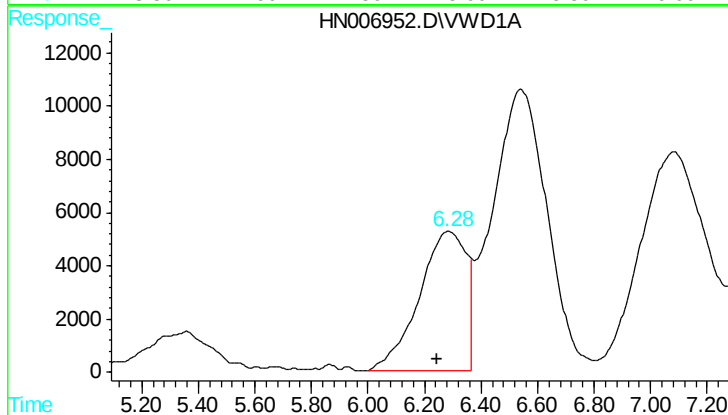
#6 3,5-Dinitroaniline

R.T.: 3.900 min
Delta R.T.: 0.027 min
Response: 1695825
Conc: 151.22 ug/L



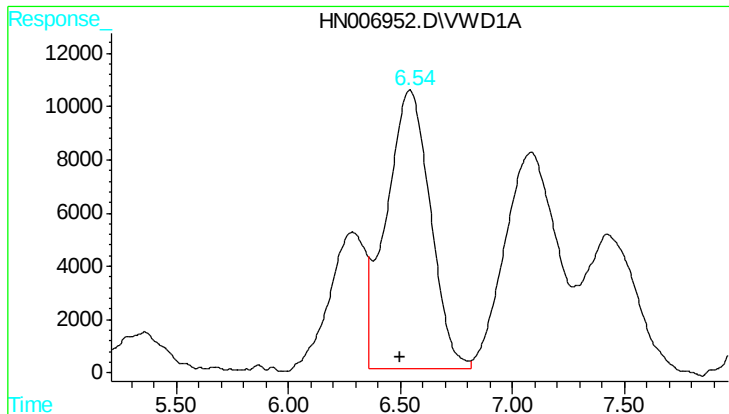
#7 Nitrobenzene

R.T.: 4.766 min
Delta R.T.: 0.029 min
Response: 1268957
Conc: 133.22 ug/L



#8 Tetryl

R.T.: 6.283 min
Delta R.T.: 0.039 min
Response: 608865
Conc: 123.60 ug/L m



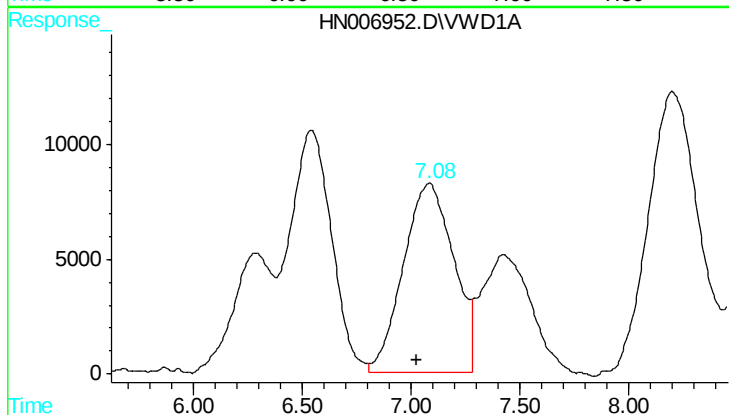
#9 2,4,6-Trinitrotoluene

R.T.: 6.539 min
Delta R.T.: 0.044 min
Response: 1434642
Conc: 141.48 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79747BS

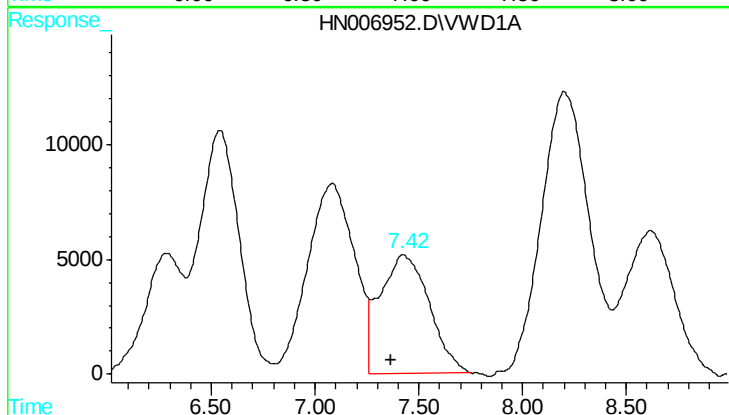
Manual Integrations
APPROVED

ugo
11/14/2014 10:36:22 AM



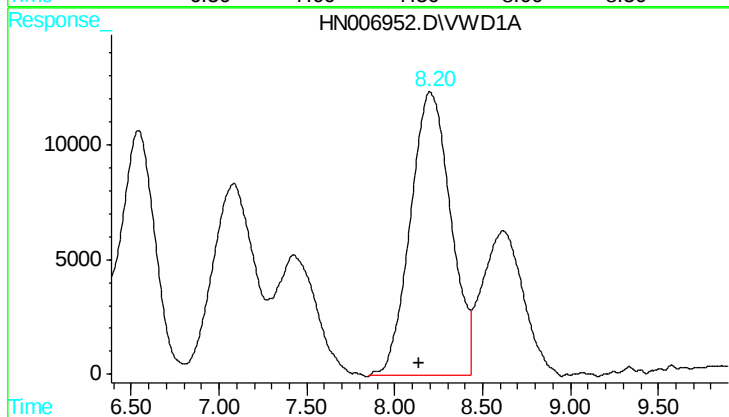
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.083 min
Delta R.T.: 0.056 min
Response: 1321801
Conc: 118.10 ug/L m



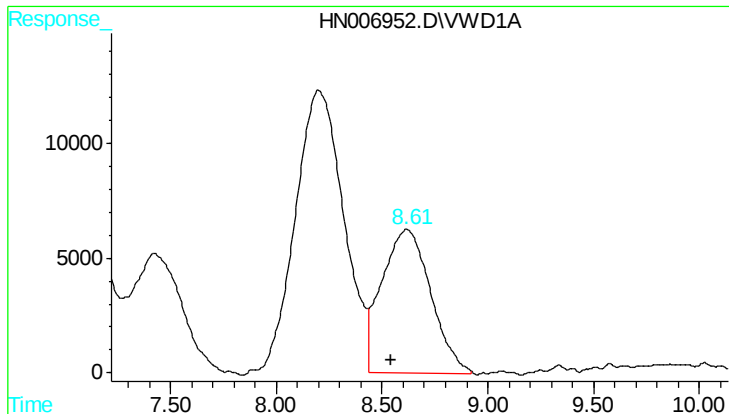
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.421 min
Delta R.T.: 0.052 min
Response: 846449
Conc: 149.17 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.196 min
Delta R.T.: 0.057 min
Response: 1983091
Conc: 133.72 ug/L m



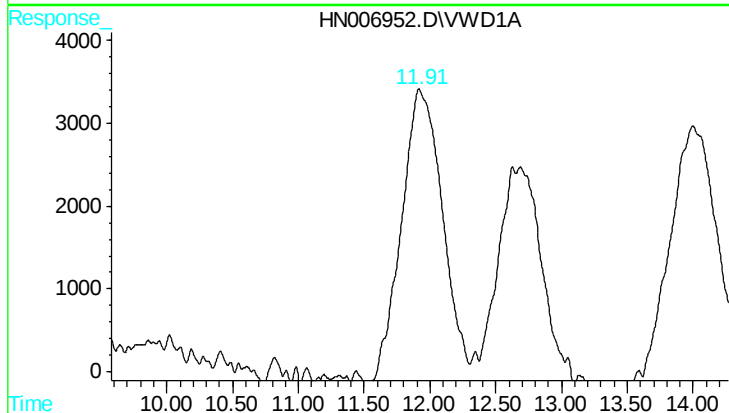
#13 2,6-Dinitrotoluene

R.T.: 8.614 min
 Delta R.T.: 0.073 min
 Response: 1009492
 Conc: 125.91 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79747BS

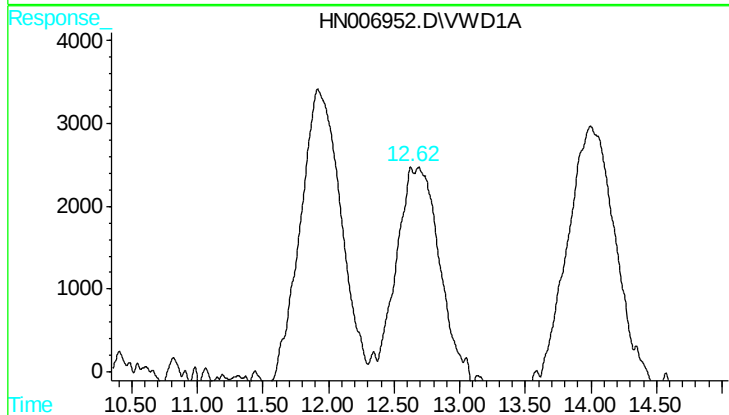
Manual Integrations
 APPROVED

ugo
 11/14/2014 10:36:22 AM



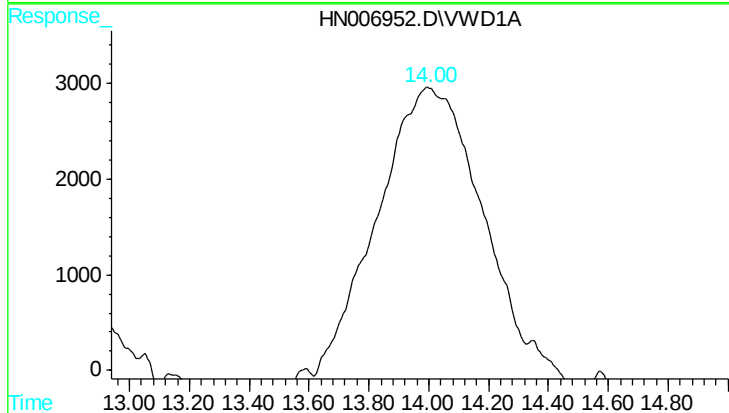
#14 2-Nitrotoluene

R.T.: 11.915 min
 Delta R.T.: 0.119 min
 Response: 785470
 Conc: 124.11 ug/L m



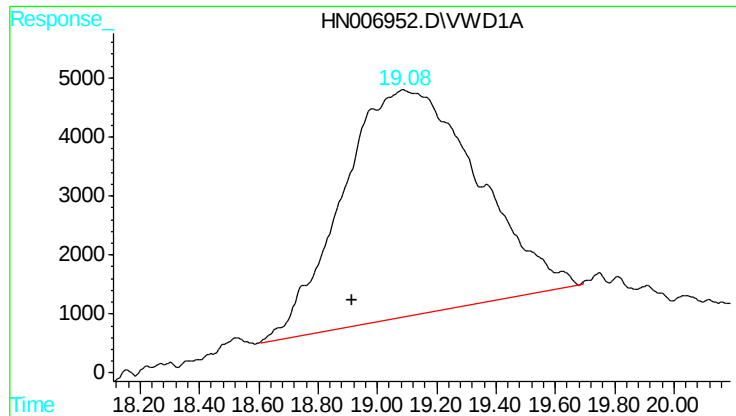
#15 4-Nitrotoluene

R.T.: 12.623 min
 Delta R.T.: 0.100 min
 Response: 628230
 Conc: 123.50 ug/L m



#16 3-Nitrotoluene

R.T.: 13.997 min
 Delta R.T.: 0.169 min
 Response: 898651
 Conc: 132.81 ug/L m



#17 PETN

R.T.: 19.085 min
Delta R.T.: 0.170 min
Response: 1219506
Conc: 145.36 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79747BS

Manual Integrations
APPROVED

ugo
11/14/2014 10:36:22 AM