

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006897.D\VWD1A.CH Vial: 72
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006897.D\VWD1A.CH
 Acq On : 31-Oct-2014, 18:18 Operator: TP
 Sample : HSTDICC2000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 1 9:26 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC2000

Manual Integrations
 APPROVED

ugo
 11/14/2014 10:30:16 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	1.29	5845166	1607.911 ug/L
Target Compounds			
2) T HMX	0.86	6593500	1524.023 ug/L m
3) T RDX	1.67	8237201	1610.281 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	15978327	1560.966 ug/L
5) T 1,3-Dinitrobenzene	3.49	25988728	1644.632 ng/ml
6) T 3,5-Dinitroaniline	3.85	18304755	1632.300 ug/L
7) T Nitrobenzene	4.71	15828820	1661.808 ug/L
8) T Tetryl	6.19	7647316	1558.225 ug/L m
9) T 2,4,6-Trinitrotoluene	6.47	15464191	1525.048 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.98	17129779	1530.502 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.33	10050401	1771.130 ug/L
12) T 2,4-Dinitrotoluene	8.10	23460418	1581.945 ug/L
13) T 2,6-Dinitrotoluene	8.50	13060406	1629.004 ug/L
14) T 2-Nitrotoluene	11.80	10368248	1638.232 ug/L
15) T 4-Nitrotoluene	12.53	8385736	1648.537 ug/L
16) T 3-Nitrotoluene	13.84	10813096	1598.088 ug/L
17) T PETN	18.93	11494182	1370.088 ug/L

 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.

HN006897.D HN103114.M Sat Nov 08 04:36:25 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006897.D\VWD1A.CH Vial: 72
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006897.D\VWD1A.CH
Acq On : 31-Oct-2014, 18:18 Operator: TP
Sample : HSTDICC2000 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 1 9:26 2014 Quant Results File: HN103114.RES

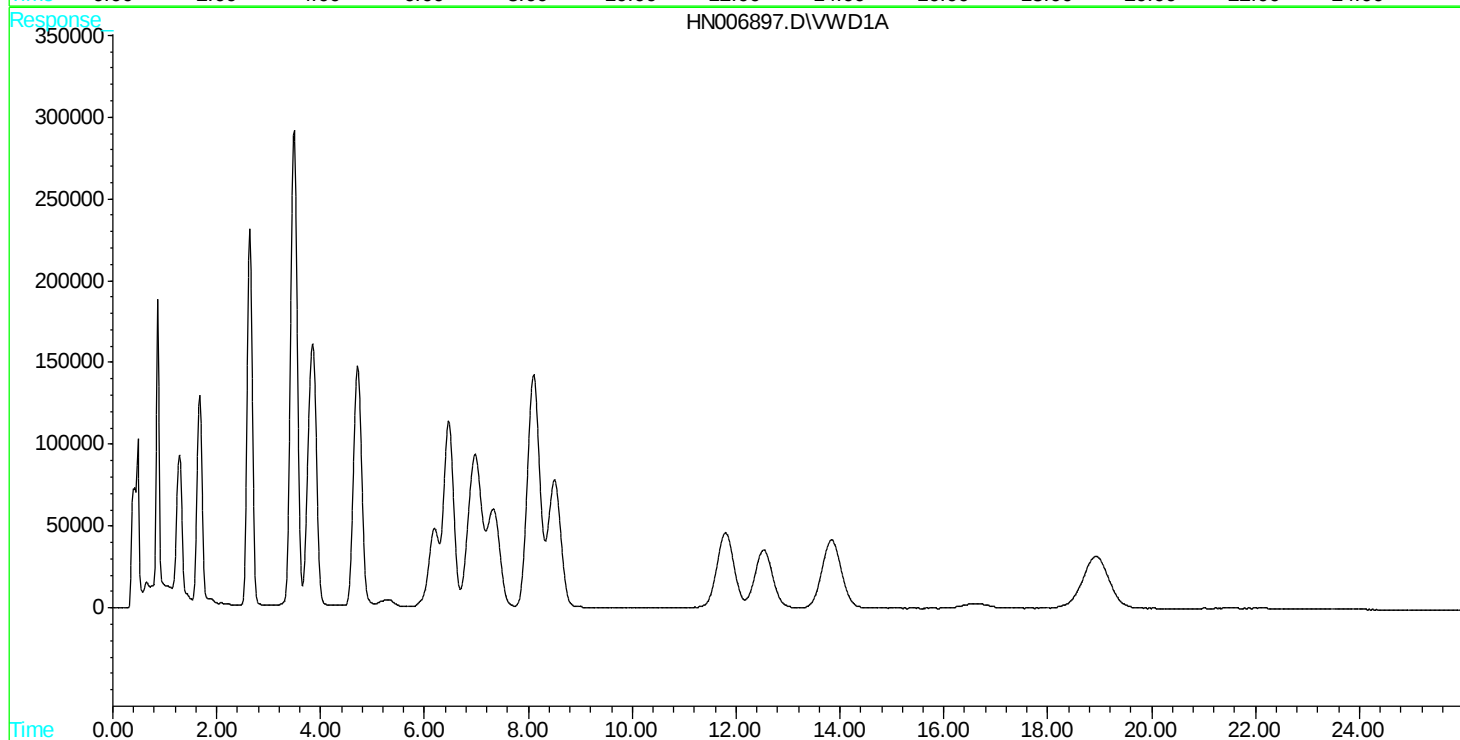
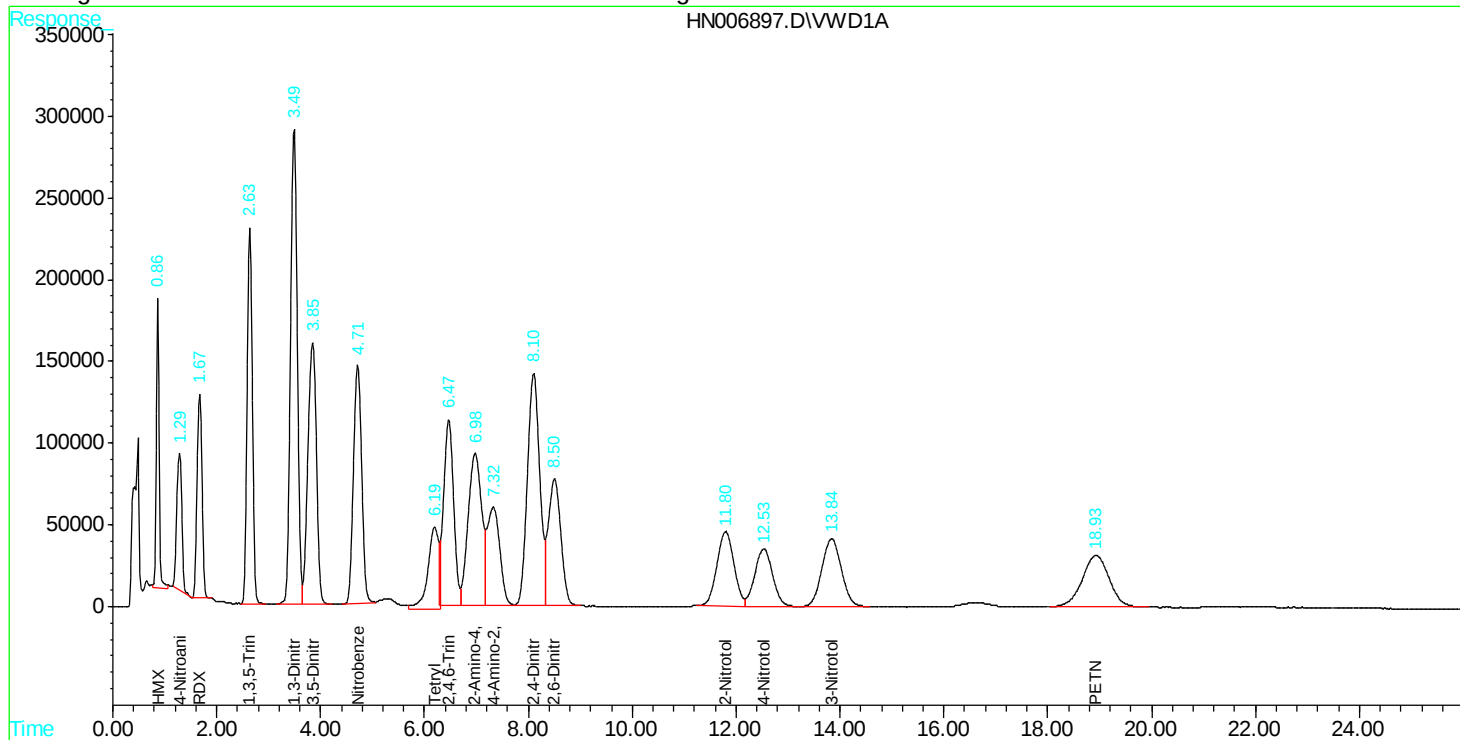
Instrument :
HPLC_N
LabSampleId :
HSTDICC2000

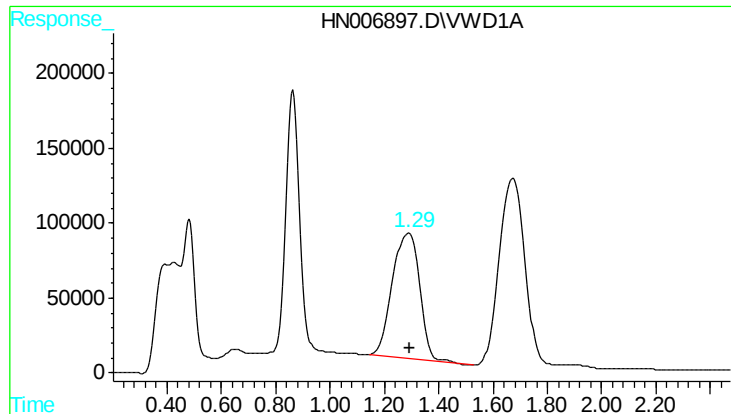
Manual Integrations
APPROVED

ugo
11/14/2014 10:30:16 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 :





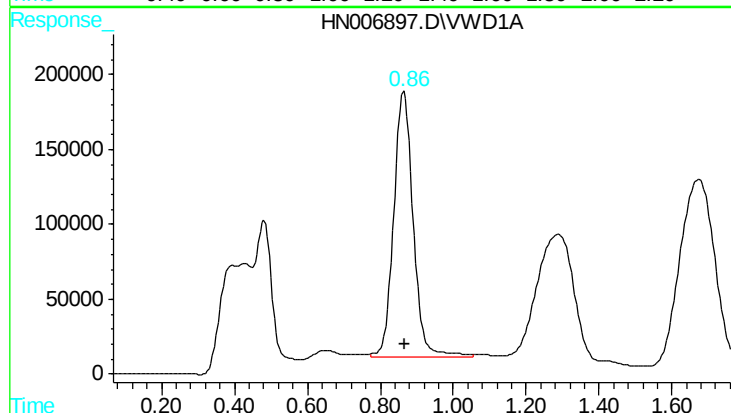
#1 4-Nitroaniline

R.T.: 1.289 min
Delta R.T.: -0.007 min
Response: 5845166
Conc: 1607.91 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC2000

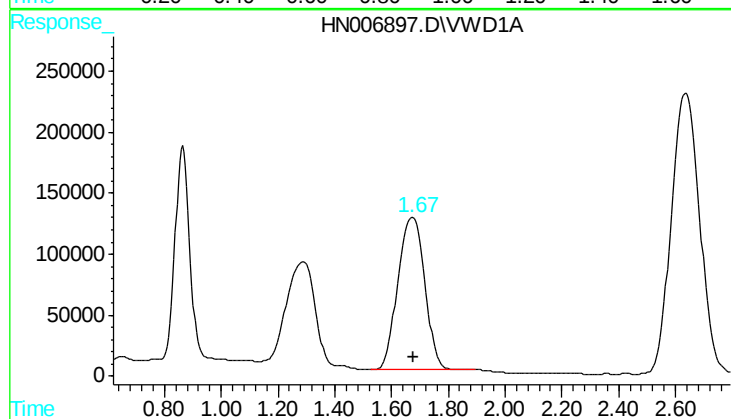
Manual Integrations
APPROVED

ugo
11/14/2014 10:30:16 AM



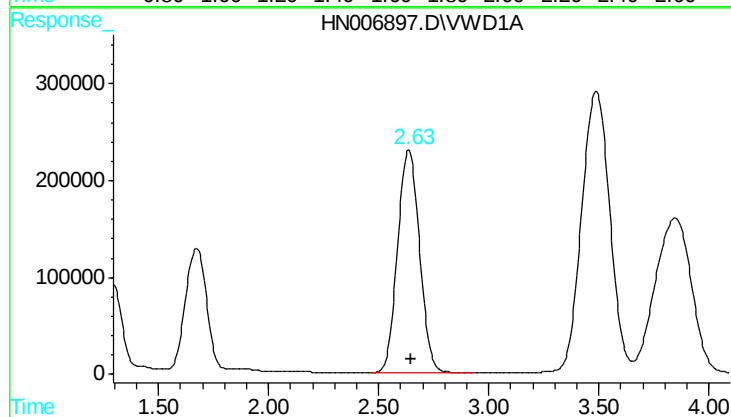
#2 HMX

R.T.: 0.863 min
Delta R.T.: -0.003 min
Response: 6593500
Conc: 1524.02 ug/L m



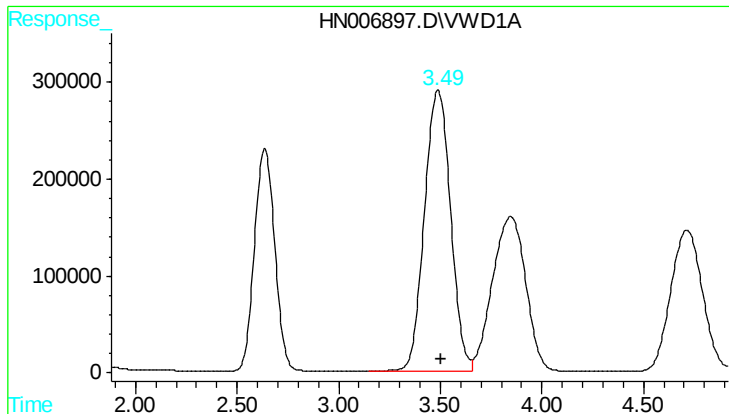
#3 RDX

R.T.: 1.674 min
Delta R.T.: -0.005 min
Response: 8237201
Conc: 1610.28 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.636 min
Delta R.T.: -0.011 min
Response: 15978327
Conc: 1560.97 ug/L



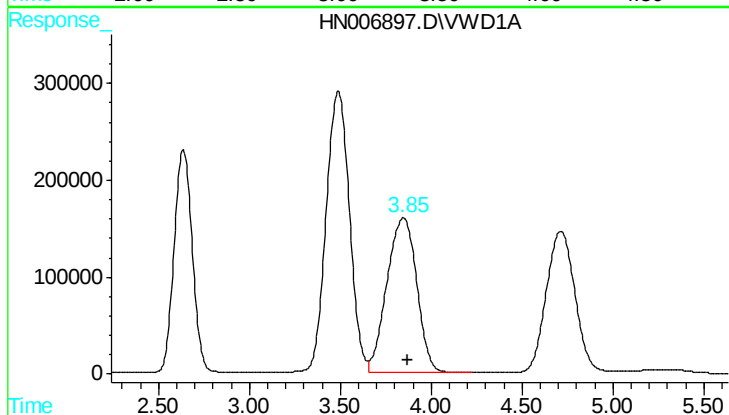
#5 1,3-Dinitrobenzene

R.T.: 3.489 min
Delta R.T.: -0.017 min
Response: 25988728
Conc: 1644.63 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDICC2000

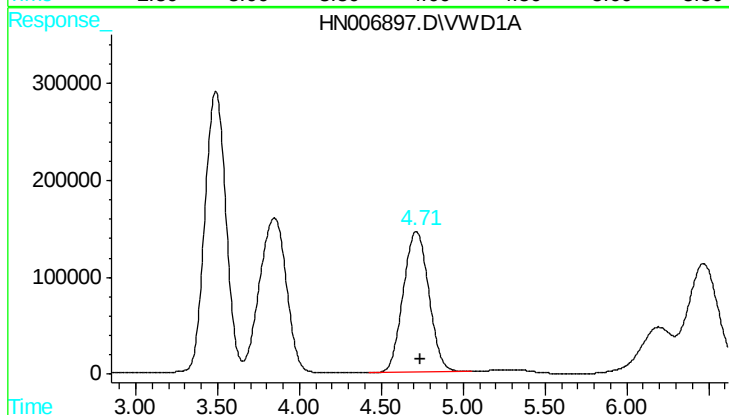
Manual Integrations
APPROVED

ugo
11/14/2014 10:30:16 AM



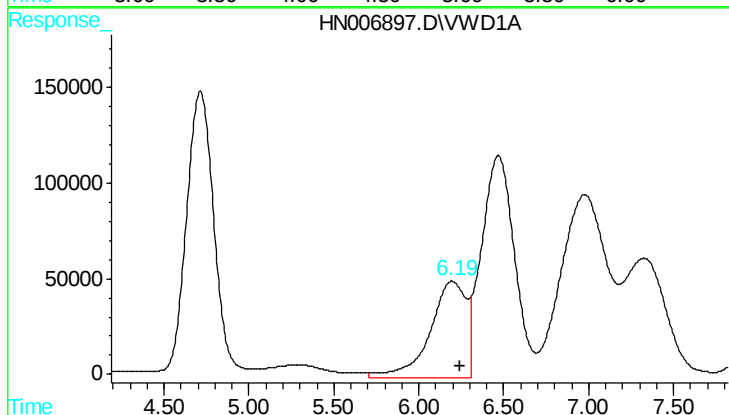
#6 3,5-Dinitroaniline

R.T.: 3.847 min
Delta R.T.: -0.026 min
Response: 18304755
Conc: 1632.30 ug/L



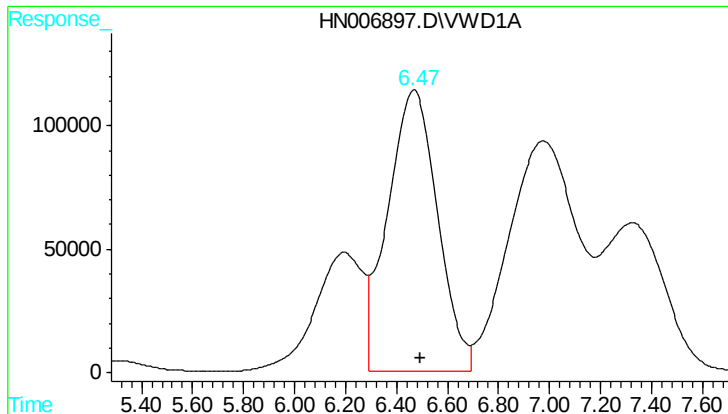
#7 Nitrobenzene

R.T.: 4.714 min
Delta R.T.: -0.023 min
Response: 15828820
Conc: 1661.81 ug/L



#8 Tetryl

R.T.: 6.192 min
Delta R.T.: -0.052 min
Response: 7647316
Conc: 1558.22 ug/L m



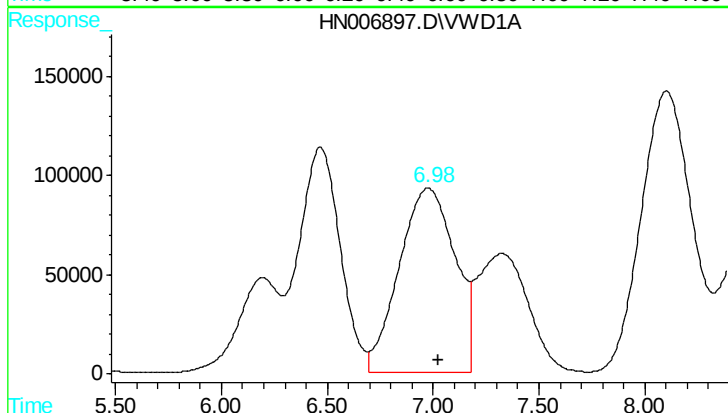
#9 2,4,6-Trinitrotoluene

R.T.: 6.468 min
Delta R.T.: -0.027 min
Response: 15464191
Conc: 1525.05 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC2000

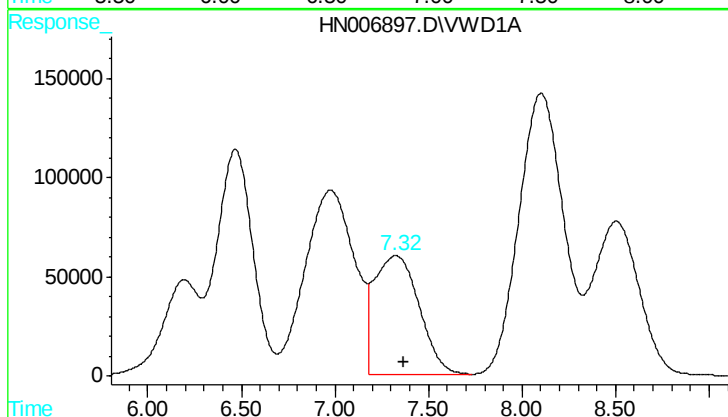
Manual Integrations
APPROVED

ugo
11/14/2014 10:30:16 AM



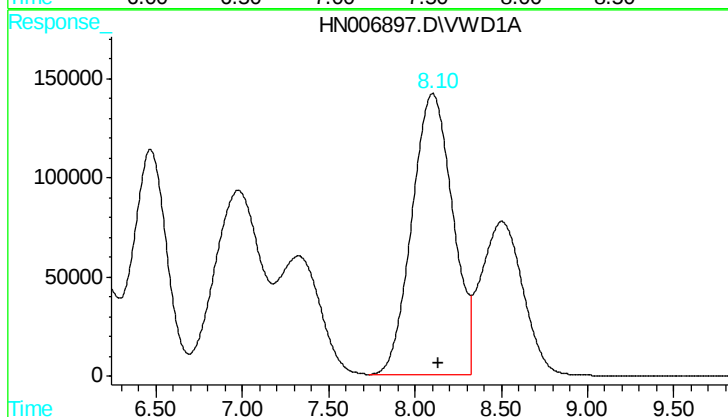
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.977 min
Delta R.T.: -0.050 min
Response: 17129779
Conc: 1530.50 ug/L



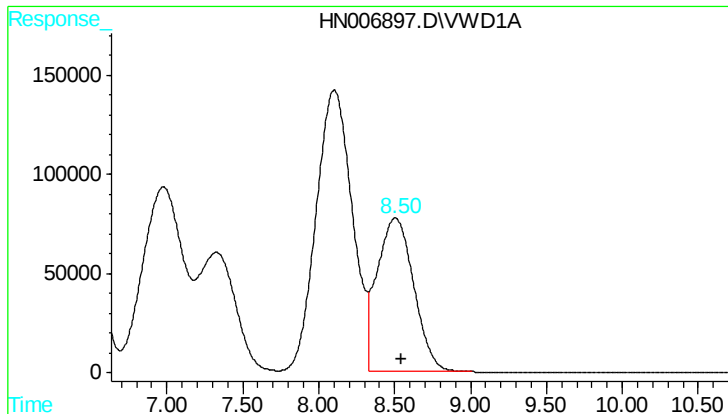
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.325 min
Delta R.T.: -0.044 min
Response: 10050401
Conc: 1771.13 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.102 min
Delta R.T.: -0.037 min
Response: 23460418
Conc: 1581.94 ug/L



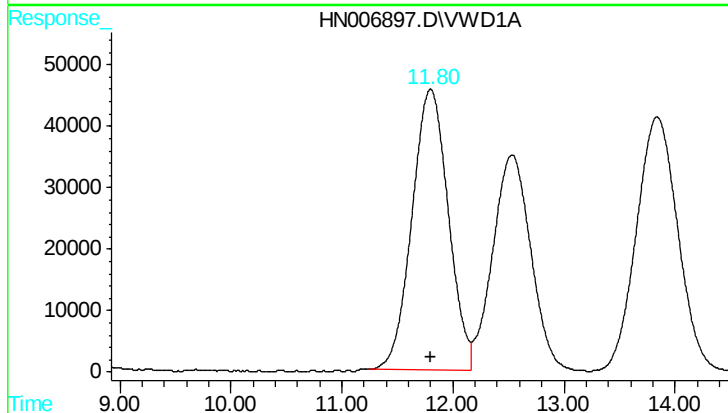
#13 2,6-Dinitrotoluene

R.T.: 8.505 min
Delta R.T.: -0.036 min
Response: 13060406
Conc: 1629.00 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC2000

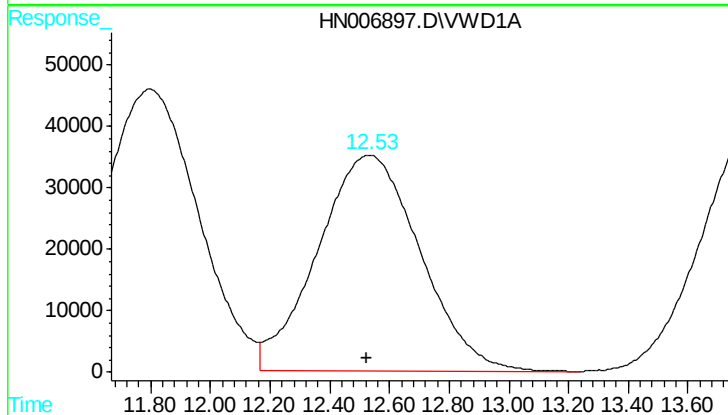
Manual Integrations
APPROVED

ugo
11/14/2014 10:30:16 AM



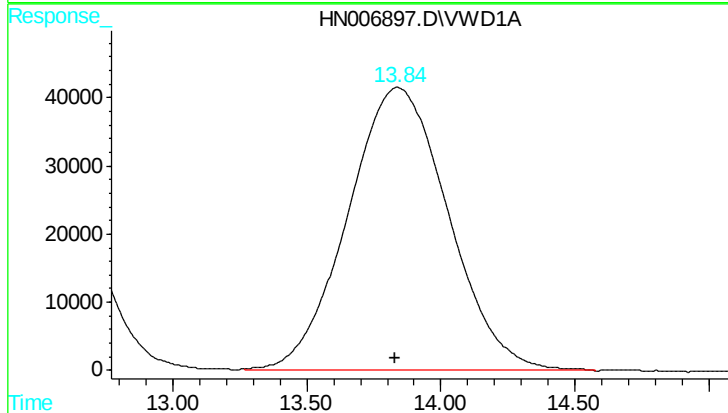
#14 2-Nitrotoluene

R.T.: 11.799 min
Delta R.T.: 0.003 min
Response: 10368248
Conc: 1638.23 ug/L



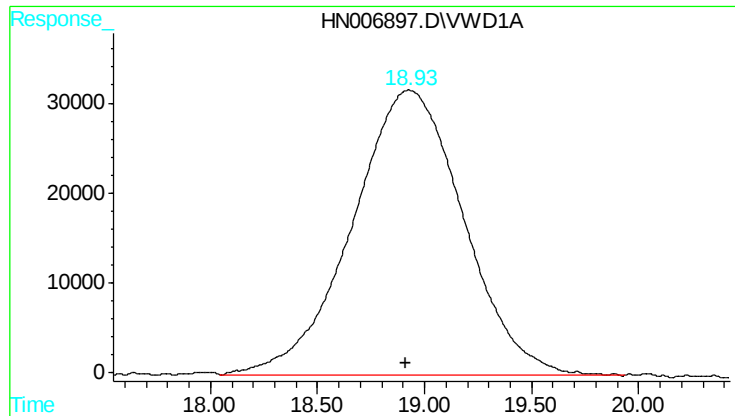
#15 4-Nitrotoluene

R.T.: 12.533 min
Delta R.T.: 0.010 min
Response: 8385736
Conc: 1648.54 ug/L



#16 3-Nitrotoluene

R.T.: 13.839 min
Delta R.T.: 0.012 min
Response: 10813096
Conc: 1598.09 ug/L



#17 PETN

R.T.: 18.928 min
Delta R.T.: 0.013 min
Response: 11494182
Conc: 1370.09 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC2000

Manual Integrations
APPROVED

ugo
11/14/2014 10:30:16 AM