

Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006167.D Vial: 2
 Acq On : 24-Jul-2014, 09:56 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 24 10:28 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC005

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Thu Jul 17 17:06:08 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

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	1.34	2266204	514.544 ug/L
Target Compounds			
2) T HMX	0.89	2060784	457.166 ug/L
3) T RDX	1.73	2495279	445.743 ug/L
4) T 1,3,5-Trinitrobenzene	2.73	5053191	457.761 ug/L
5) T 1,3-Dinitrobenzene	3.64	7743384	461.166 ng/ml
6) T 3,5-Dinitroaniline	4.01	6210836	460.885 ug/L
7) T Nitrobenzene	4.93	4595006	446.685 ug/L
8) T Tetryl	6.53	3442858	442.914 ug/L
9) T 2,4,6-Trinitrotoluene	6.80	4909501	464.067 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.33	5035899	441.728 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.72	3324741	479.728 ug/L
12) T 2,4-Dinitrotoluene	8.53	7099062	447.955 ug/L
13) T 2,6-Dinitrotoluene	8.97	3909751	458.324 ug/L
14) T 2-Nitrotoluene	12.42	3079838	447.560 ug/L m
15) T 4-Nitrotoluene	13.20	2567034	462.851 ug/L m
16) T 3-Nitrotoluene	14.54	3149137	440.695 ug/L m
17) T PETN	19.80	4515042	509.745 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.

HN006167.D HN071714.M

Mon Aug 18 16:35:55 2014

RPT1

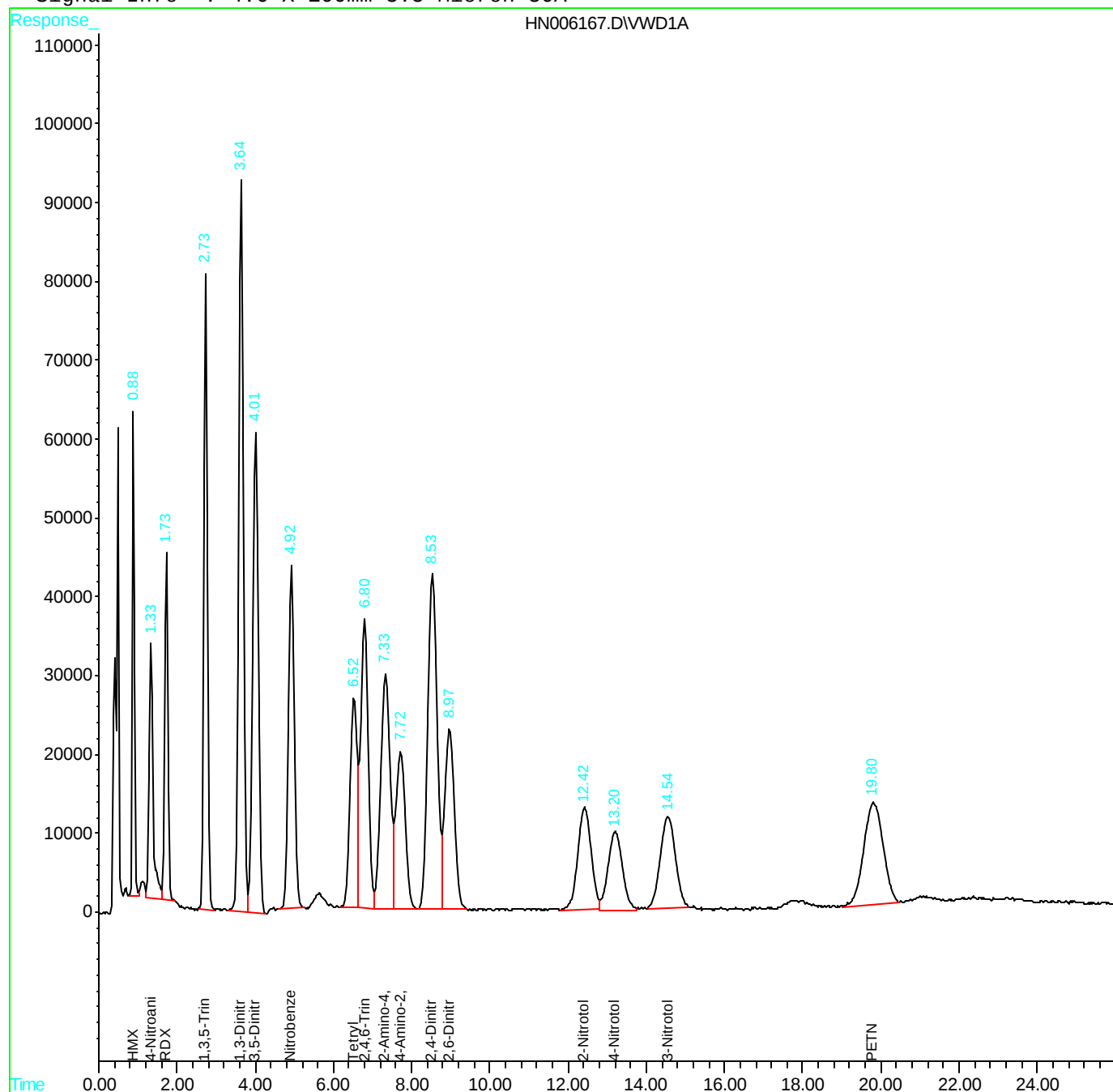
Quantitation Report

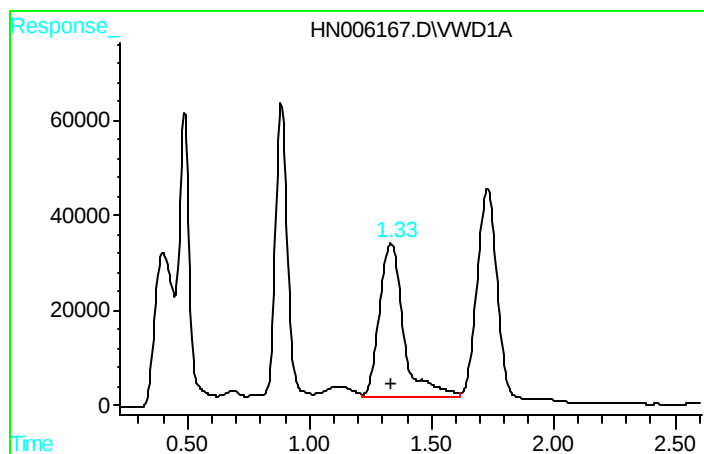
Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006167.D Vial: 2
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
 Title :
 Last Update : Thu Jul 17 17:06:08 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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

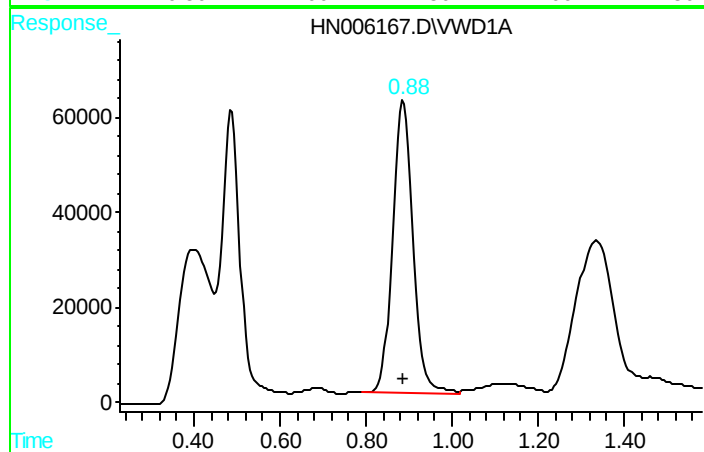




#1 4-Nitroaniline

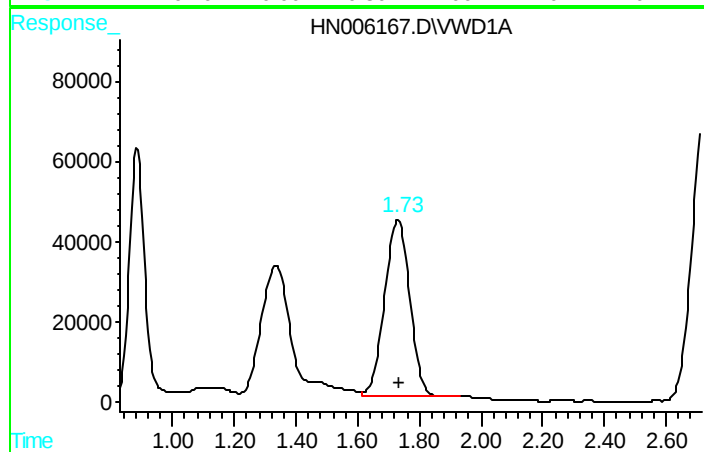
R.T.: 1.336 min
Delta R.T.: 0.000 min
Response: 2266204
Conc: 514.54 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC005



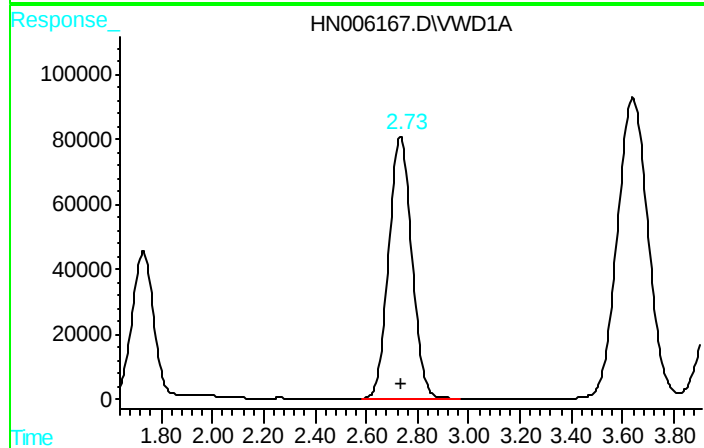
#2 HMX

R.T.: 0.886 min
Delta R.T.: 0.000 min
Response: 2060784
Conc: 457.17 ug/L



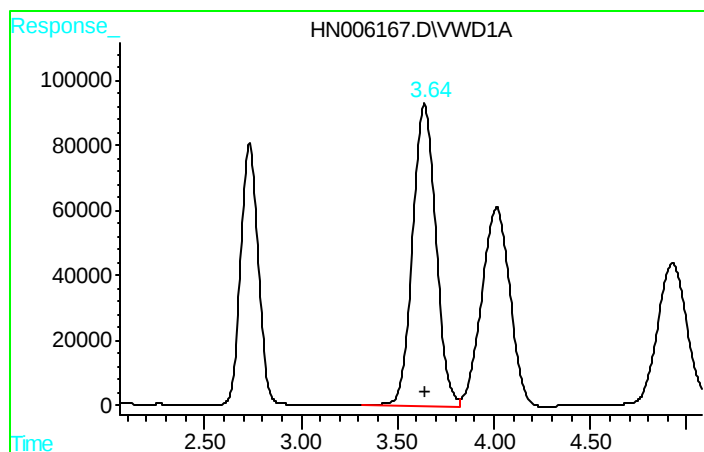
#3 RDX

R.T.: 1.731 min
Delta R.T.: 0.000 min
Response: 2495279
Conc: 445.74 ug/L



#4 1,3,5-Trinitrobenzene

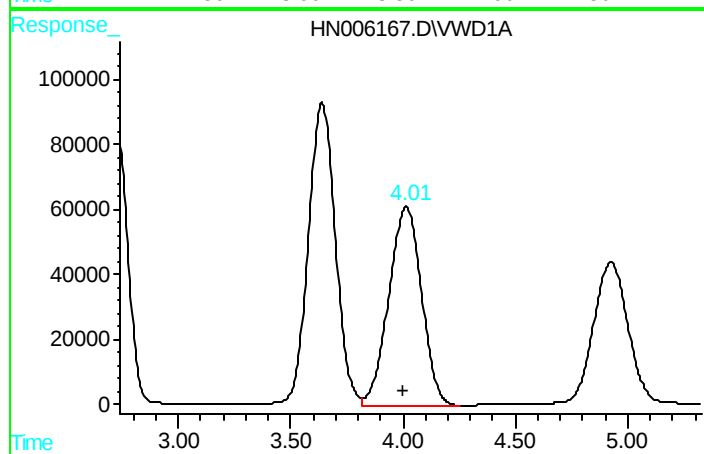
R.T.: 2.734 min
Delta R.T.: -0.002 min
Response: 5053191
Conc: 457.76 ug/L



#5 1,3-Dinitrobenzene

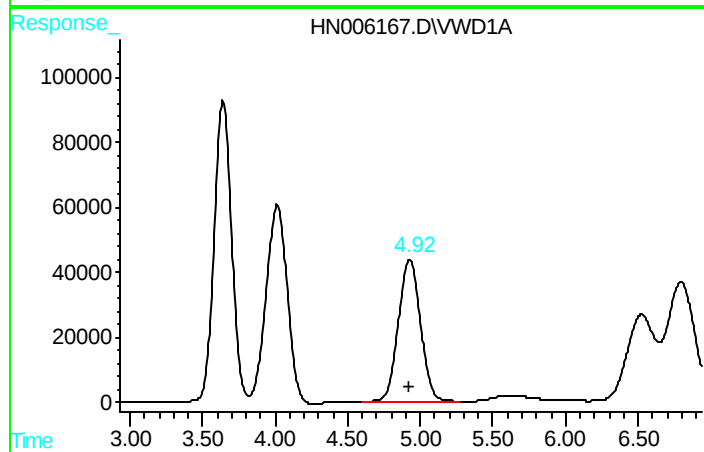
R.T.: 3.641 min
Delta R.T.: 0.002 min
Response: 7743384
Conc: 461.17 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC005



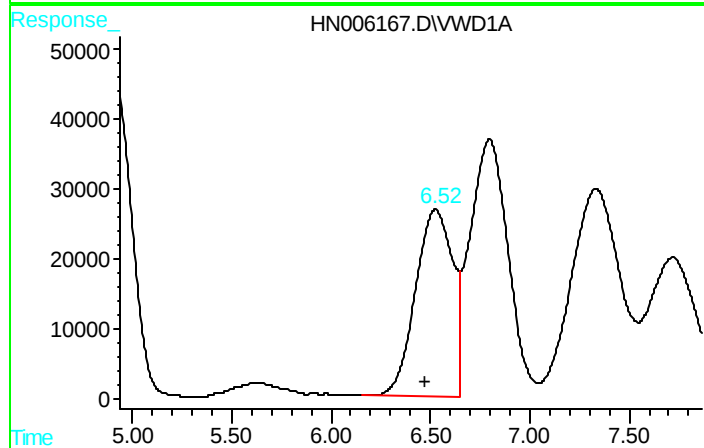
#6 3,5-Dinitroaniline

R.T.: 4.014 min
Delta R.T.: 0.016 min
Response: 6210836
Conc: 460.89 ug/L



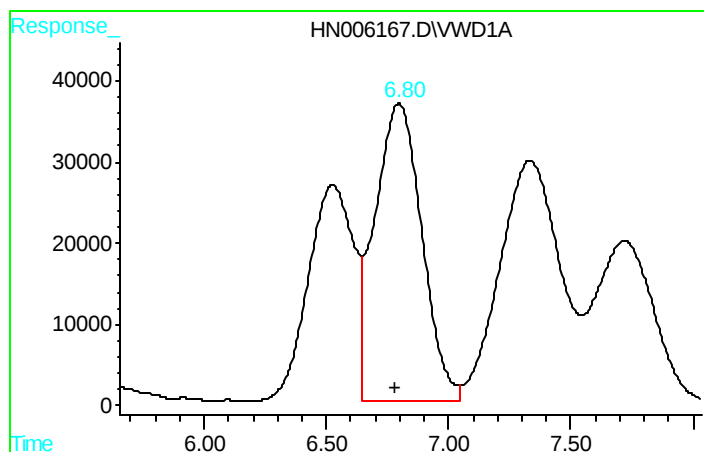
#7 Nitrobenzene

R.T.: 4.926 min
Delta R.T.: 0.007 min
Response: 4595006
Conc: 446.69 ug/L



#8 Tetryl

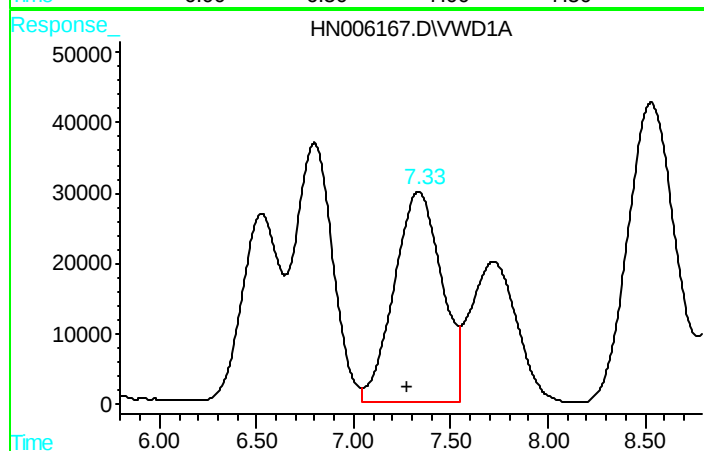
R.T.: 6.527 min
Delta R.T.: 0.051 min
Response: 3442858
Conc: 442.91 ug/L



#9 2,4,6-Trinitrotoluene

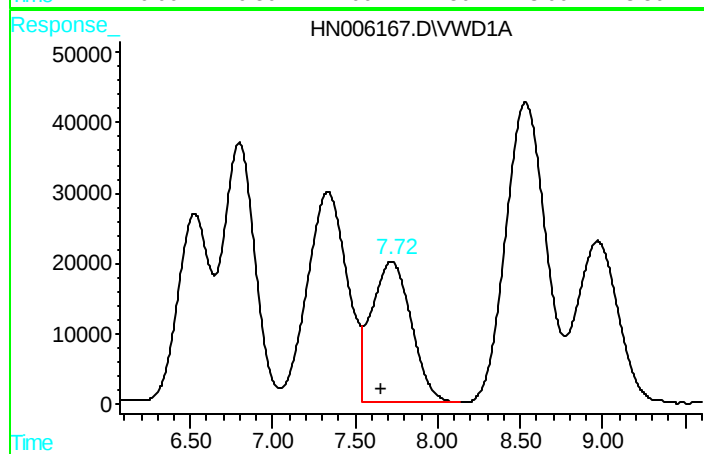
R.T.: 6.798 min
Delta R.T.: 0.021 min
Response: 4909501
Conc: 464.07 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC005



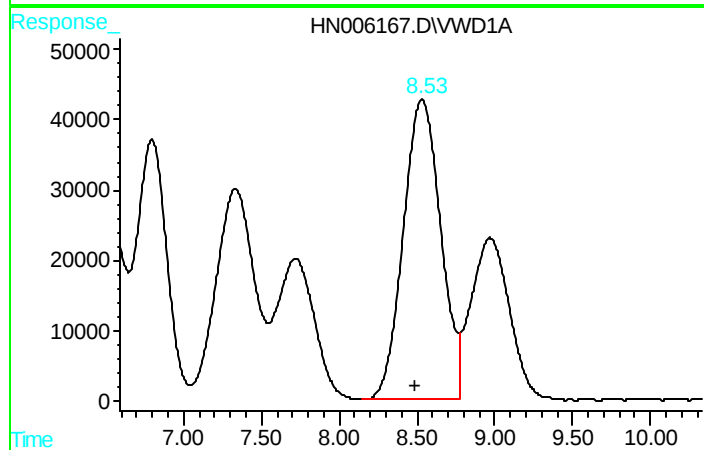
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.334 min
Delta R.T.: 0.061 min
Response: 5035899
Conc: 441.73 ug/L



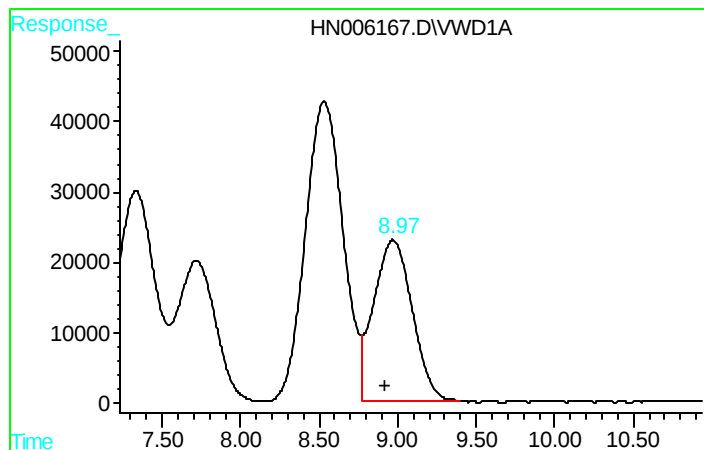
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.720 min
Delta R.T.: 0.068 min
Response: 3324741
Conc: 479.73 ug/L



#12 2,4-Dinitrotoluene

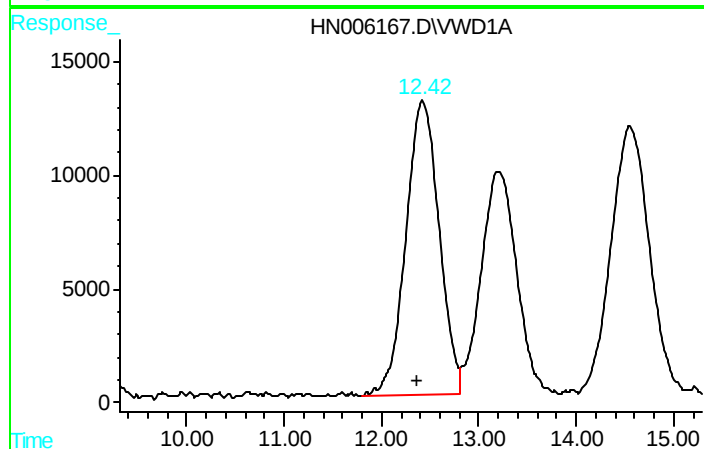
R.T.: 8.532 min
Delta R.T.: 0.045 min
Response: 7099062
Conc: 447.95 ug/L



#13 2,6-Dinitrotoluene

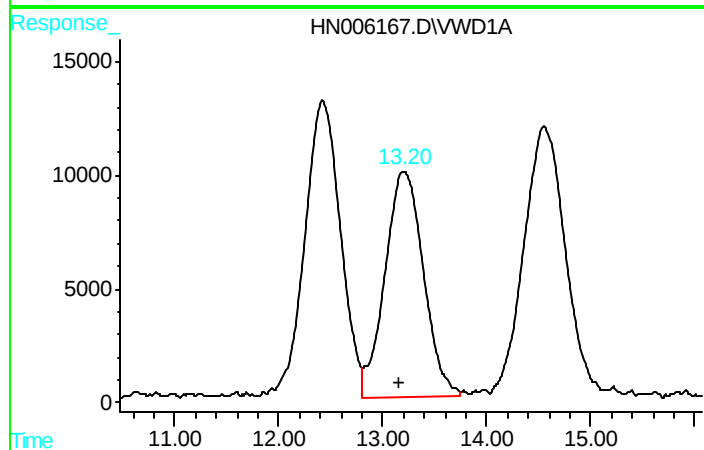
R.T.: 8.970 min
Delta R.T.: 0.051 min
Response: 3909751
Conc: 458.32 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC005



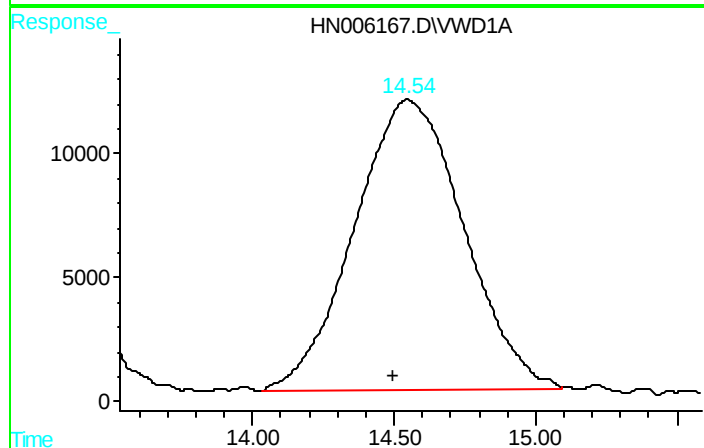
#14 2-Nitrotoluene

R.T.: 12.418 min
Delta R.T.: 0.060 min
Response: 3079838
Conc: 447.56 ug/L m



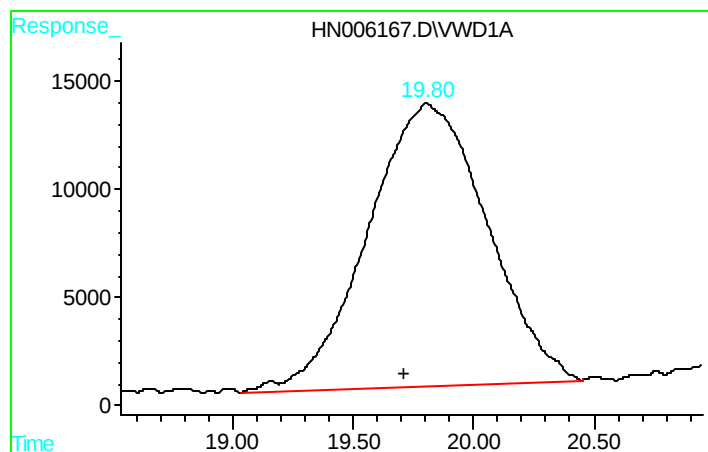
#15 4-Nitrotoluene

R.T.: 13.201 min
Delta R.T.: 0.054 min
Response: 2567034
Conc: 462.85 ug/L m



#16 3-Nitrotoluene

R.T.: 14.544 min
Delta R.T.: 0.049 min
Response: 3149137
Conc: 440.70 ug/L m



#17 PETN

R.T.: 19.804 min
Delta R.T.: 0.093 min
Response: 4515042
Conc: 509.74 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC005