

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN110813\HN005677.D Vial: 5
 Acq On : 08-Nov-2013, 19:45 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 0:51 2013 Quant Results File: HN110813.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

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 11/11/2013 3:11:36 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
 Title :
 Last Update : Mon Jul 22 14:51:19 2013
 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	1.30	361678	88.264 ug/L
Target Compounds			
2) T HMX	0.87	390645	89.197 ug/L
3) T RDX	1.64	576311	108.698 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	1036621	96.616 ug/L
5) T 3,5-Dinitroaniline	3.46	1594264	102.987 ng/ml
6) T 1,3-Dinitrobenzene	3.78	1270759	100.414 ug/L
7) T Nitrobenzene	4.62	1037851	106.484 ug/L
8) T Tetryl	6.01	676514	136.108 ug/L m
9) T 2,4,6-Trinitrotoluene	6.36	1132591	95.221 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.76	1076753	102.428 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.10	618101	103.411 ug/L m
12) T 2,4-Dinitrotoluene	7.90	1446675	99.775 ug/L
13) T 2,6-Dinitrotoluene	8.28	774722	98.315 ug/L m
14) T 2-Nitrotoluene	11.37	654586	103.328 ug/L m
15) T 4-Nitrotoluene	12.10	572551	103.475 ug/L
16) T 3-Nitrotoluene	13.31	730867	104.256 ug/L
17) T PETN	18.39	854525	99.796 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.

Quantitation Report

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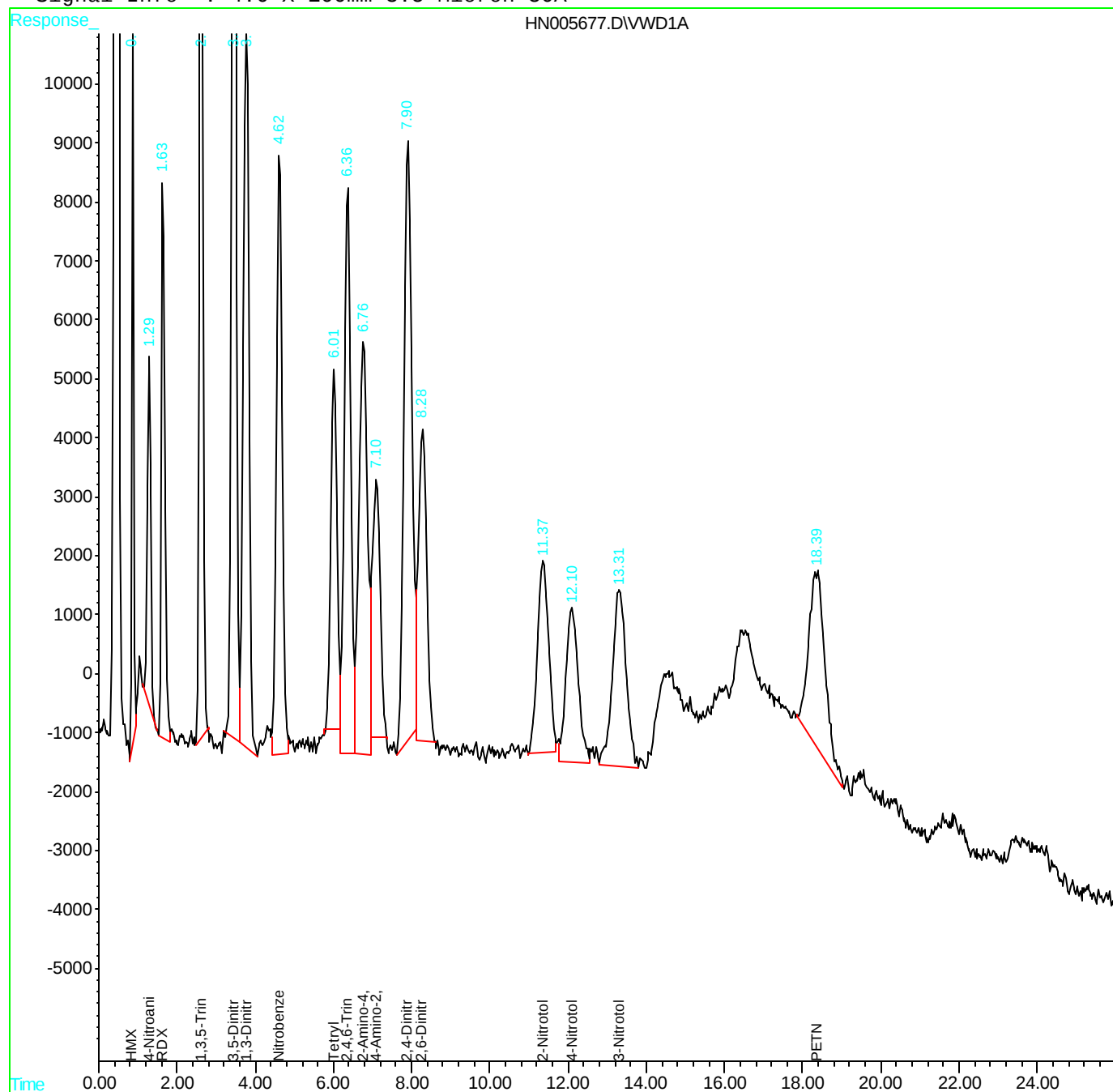
Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC0100

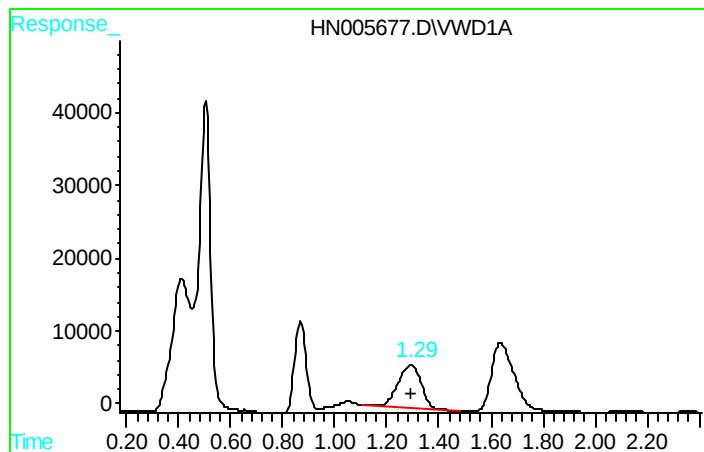
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
 Title :
 Last Update : Mon Jul 22 14:51:19 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





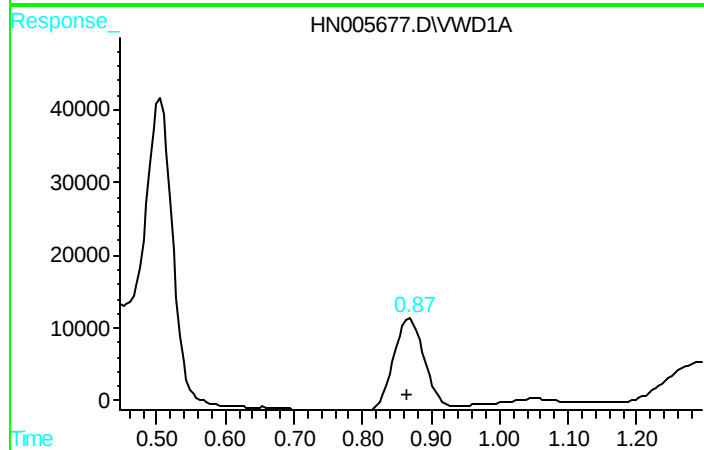
#1 4-Nitroaniline

R.T.: 1.295 min
Delta R.T.: 0.003 min
Response: 361678
Conc: 88.26 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC0100

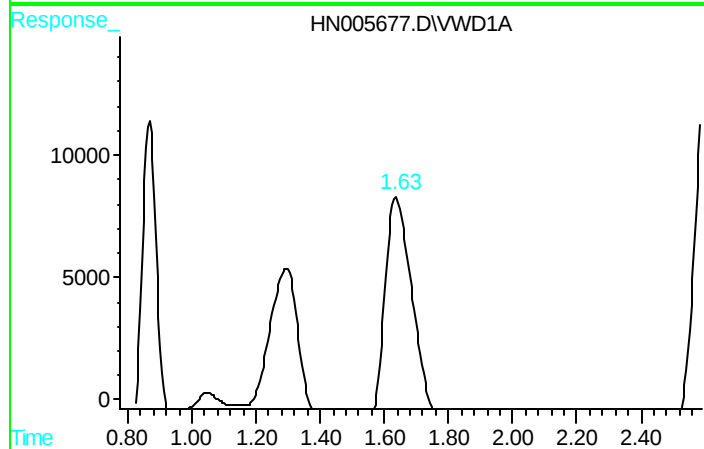
Manual Integrations
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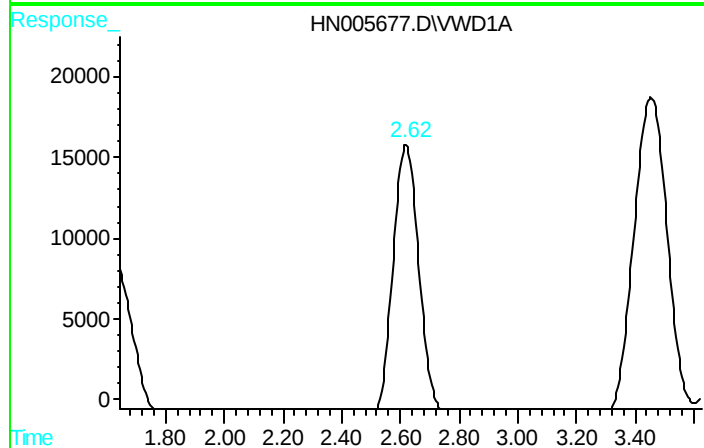
#2 HMX

R.T.: 0.869 min
Delta R.T.: 0.004 min
Response: 390645
Conc: 89.20 ug/L



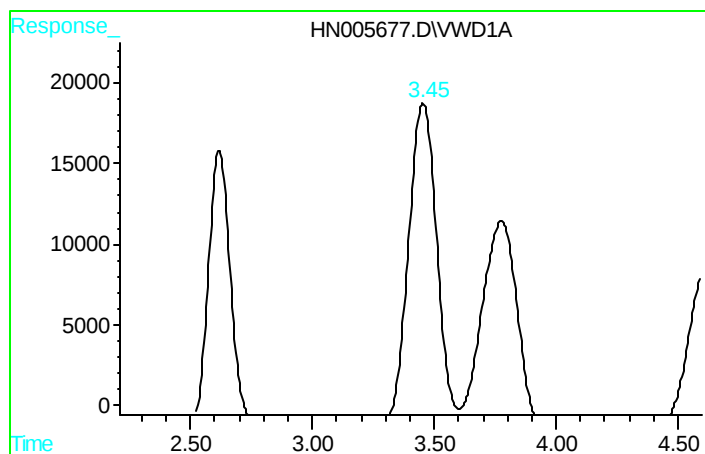
#3 RDX

R.T.: 1.638 min
Delta R.T.: 0.007 min
Response: 576311
Conc: 108.70 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.620 min
Delta R.T.: 0.004 min
Response: 1036621
Conc: 96.62 ug/L



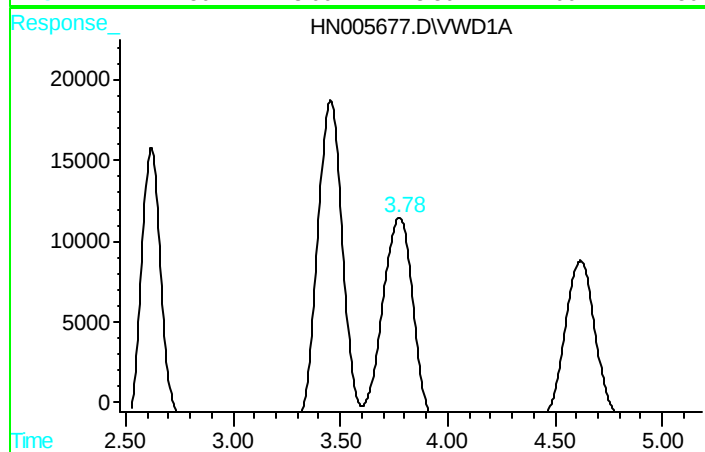
#5 3,5-Dinitroaniline

R.T.: 3.455 min
Delta R.T.: 0.004 min
Response: 1594264
Conc: 102.99 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDIC0100

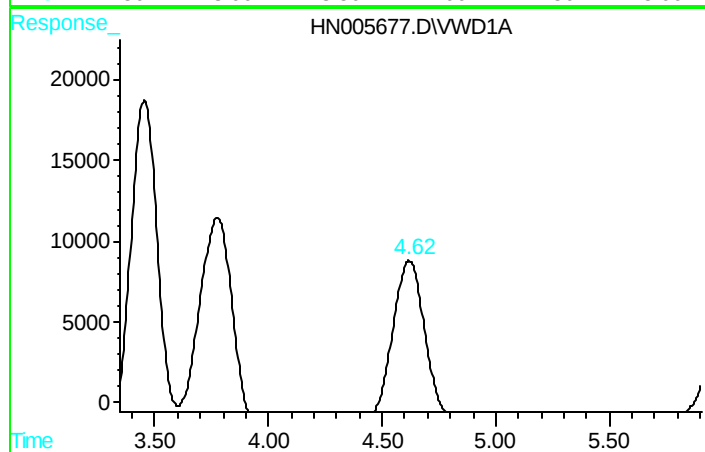
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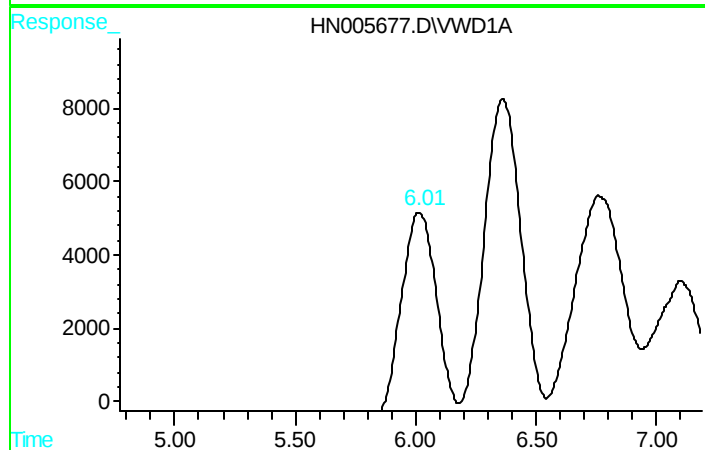
#6 1,3-Dinitrobenzene

R.T.: 3.777 min
Delta R.T.: 0.003 min
Response: 1270759
Conc: 100.41 ug/L



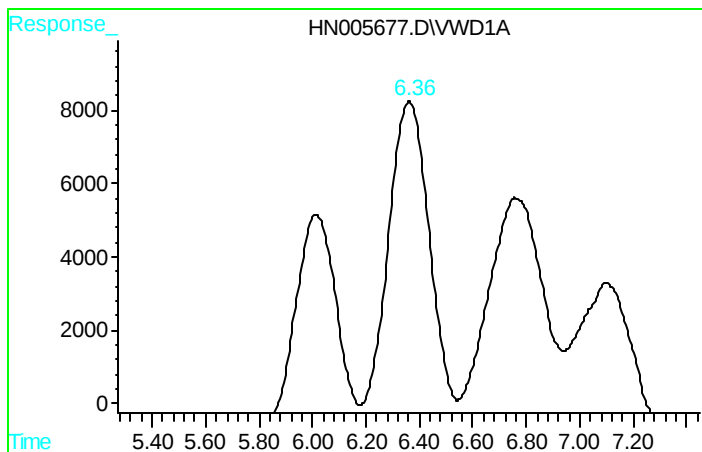
#7 Nitrobenzene

R.T.: 4.620 min
Delta R.T.: 0.007 min
Response: 1037851
Conc: 106.48 ug/L



#8 Tetryl

R.T.: 6.013 min
Delta R.T.: 0.004 min
Response: 676514
Conc: 136.11 ug/L m



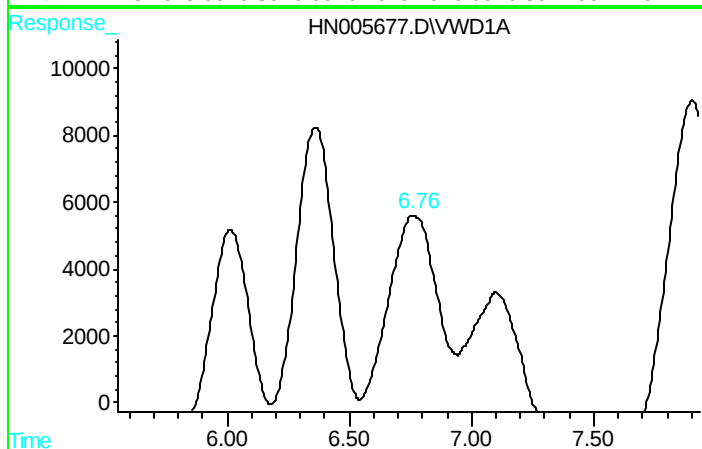
#9 2,4,6-Trinitrotoluene

R.T.: 6.363 min
Delta R.T.: 0.010 min
Response: 1132591
Conc: 95.22 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDIC00100

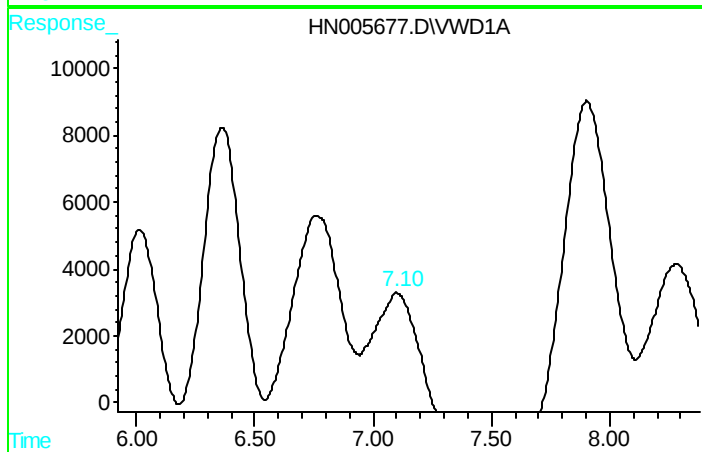
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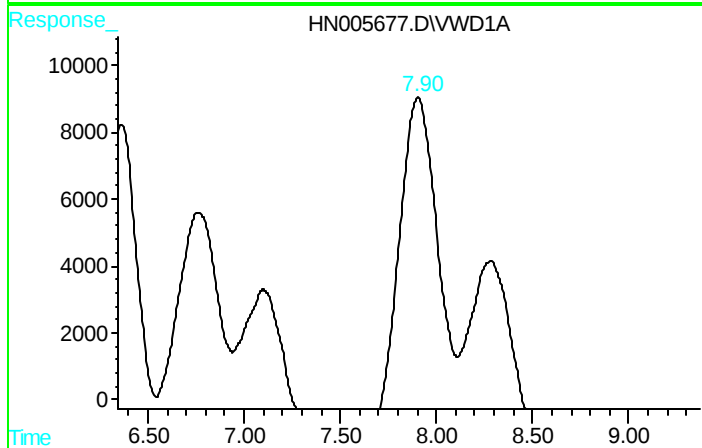
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 1076753
Conc: 102.43 ug/L



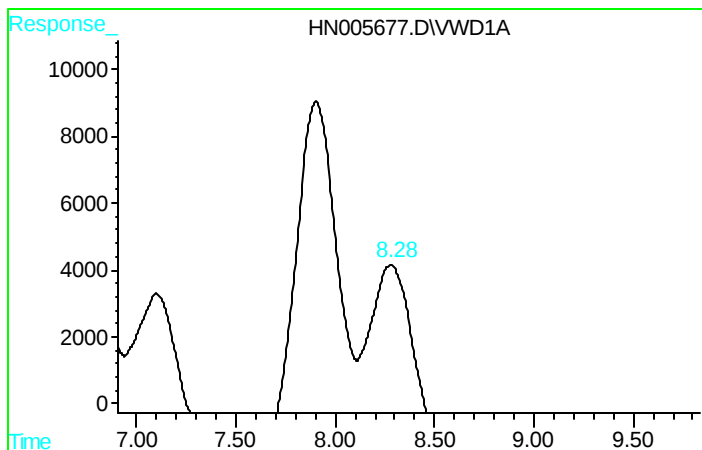
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.098 min
Delta R.T.: 0.010 min
Response: 618101
Conc: 103.41 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 7.905 min
Delta R.T.: 0.008 min
Response: 1446675
Conc: 99.77 ug/L



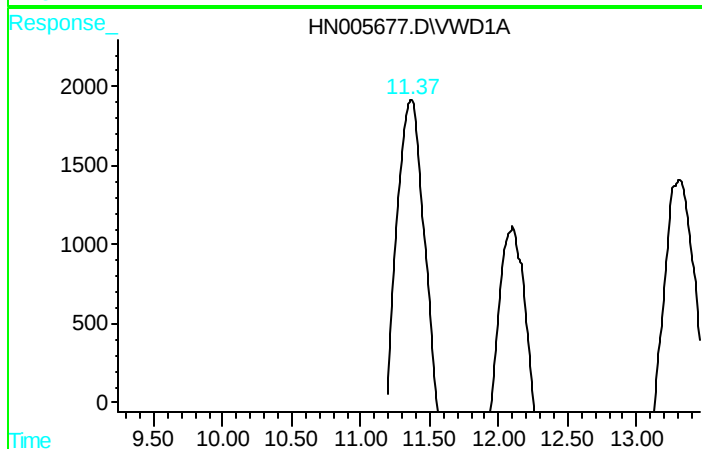
#13 2,6-Dinitrotoluene

R.T.: 8.282 min
Delta R.T.: 0.010 min
Response: 774722
Conc: 98.32 ug/L m

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HPLC_N
LabSampleId :
HSTDICC0100

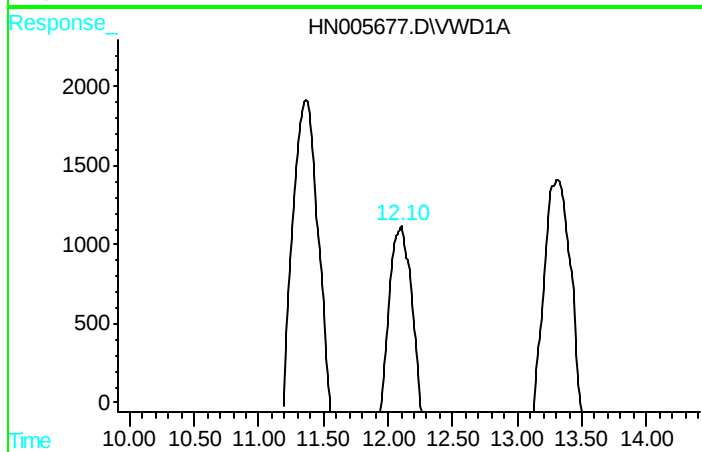
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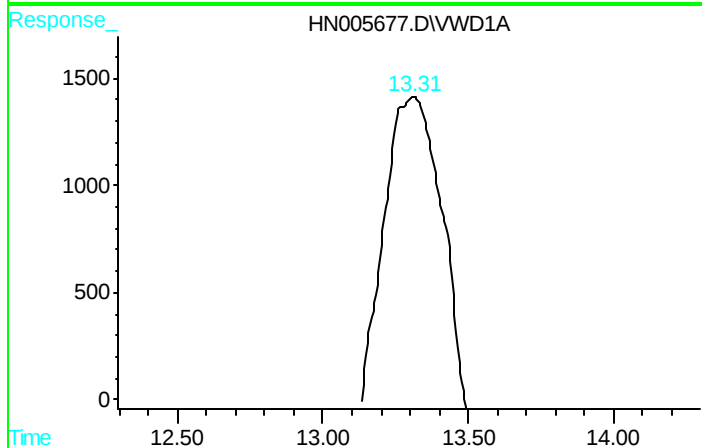
#14 2-Nitrotoluene

R.T.: 11.366 min
Delta R.T.: 0.002 min
Response: 654586
Conc: 103.33 ug/L m



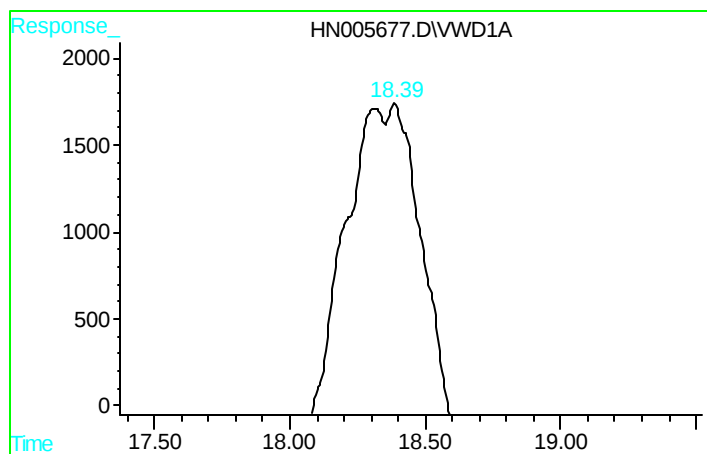
#15 4-Nitrotoluene

R.T.: 12.095 min
Delta R.T.: -0.014 min
Response: 572551
Conc: 103.48 ug/L



#16 3-Nitrotoluene

R.T.: 13.312 min
Delta R.T.: -0.007 min
Response: 730867
Conc: 104.26 ug/L



#17 PETN

R.T.: 18.386 min
Delta R.T.: 0.028 min
Response: 854525
Conc: 99.80 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDIC00100

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