

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN110813\HN005680.D Vial: 4
 Acq On : 08-Nov-2013, 21:09 Operator: QM
 Sample : HSTDCCC500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 12:07 2013 Quant Results File: HN110813.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC500

Manual Integrations
 APPROVED

QI
 11/11/2013 6:41:58 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	1891061	512.299 ug/L
Target Compounds			
2) T HMX	0.87	2011452	500.997 ug/L
3) T RDX	1.64	2675115	489.053 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	5223625	502.409 ug/L
5) T 3,5-Dinitroaniline	3.47	8013282	496.868 ng/ml
6) T 1,3-Dinitrobenzene	3.79	6283149	495.057 ug/L
7) T Nitrobenzene	4.63	5000905	490.677 ug/L
8) T Tetryl	6.04	3672833	534.975 ug/L
9) T 2,4,6-Trinitrotoluene	6.38	5505742	484.719 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.79	5293770	485.139 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.12	3304812	563.557 ug/L
12) T 2,4-Dinitrotoluene	7.93	7245559	490.633 ug/L m
13) T 2,6-Dinitrotoluene	8.30	3916899	496.885 ug/L m
14) T 2-Nitrotoluene	11.39	3317855	518.588 ug/L
15) T 4-Nitrotoluene	12.13	2649132	491.312 ug/L
16) T 3-Nitrotoluene	13.35	3314661	483.299 ug/L
17) T PETN	18.40	4218051	487.111 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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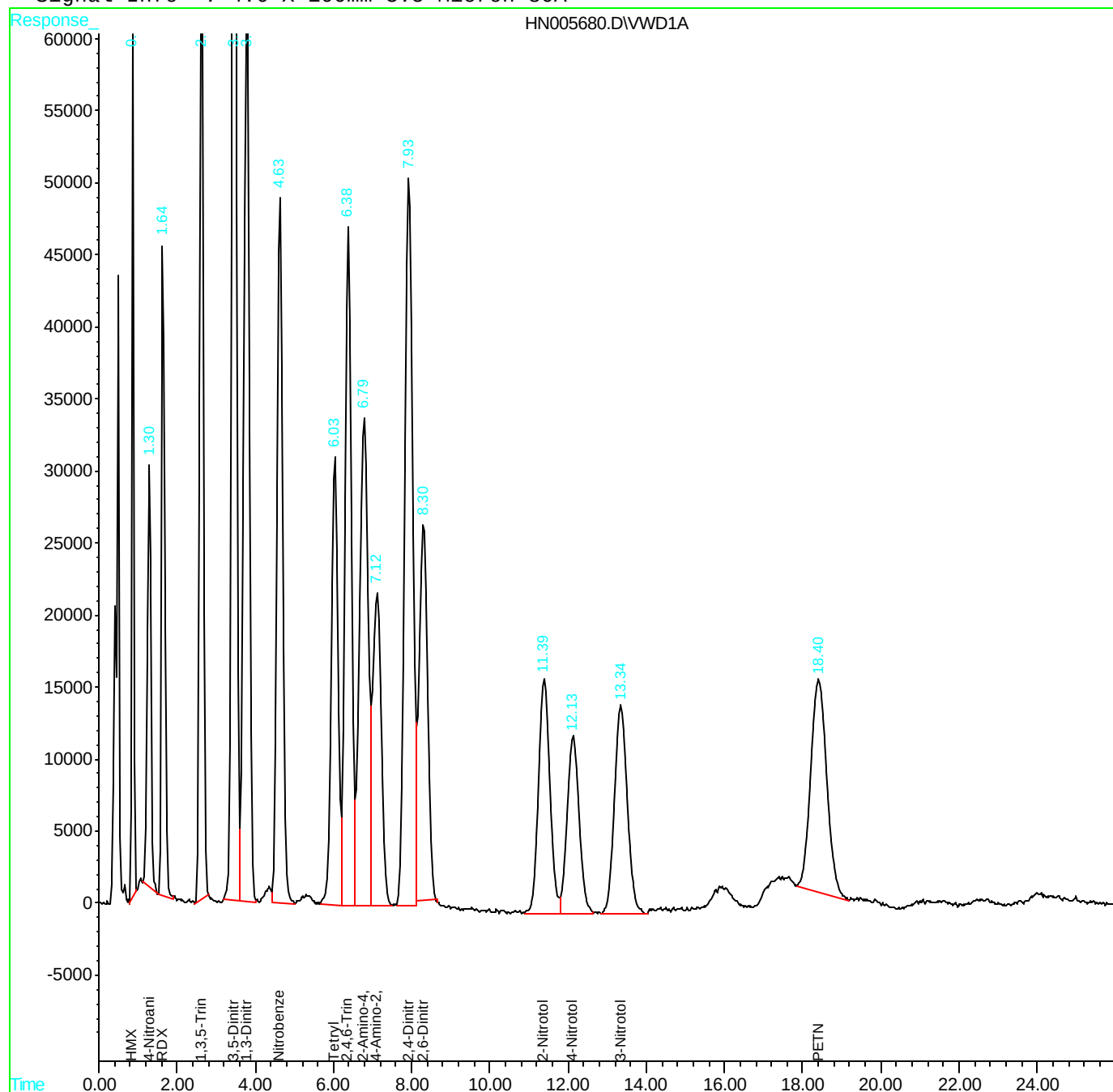
Instrument :
HPLC_N
LabSampleId :
HSTDCCC500

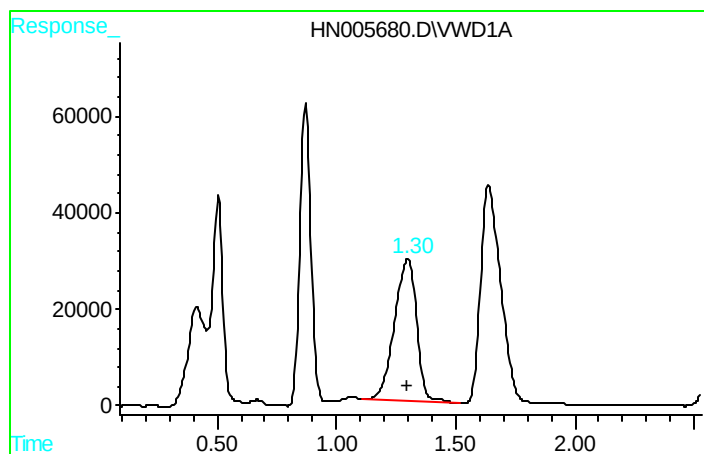
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
Title :
Last Update : Mon Jul 22 14:51:19 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





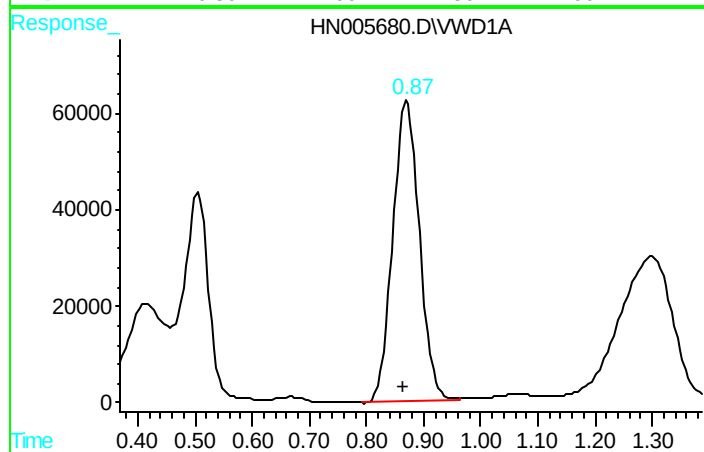
#1 4-Nitroaniline

R.T.: 1.300 min
Delta R.T.: 0.008 min
Response: 1891061
Conc: 512.30 ug/L

Instrument :
HPLC_N
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HSTDCCC500

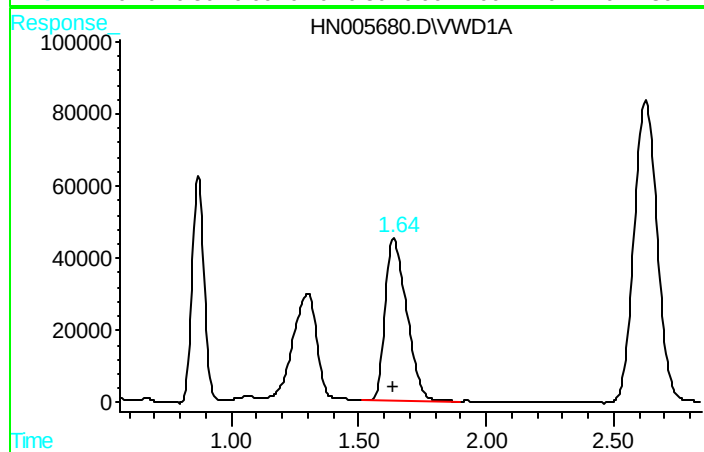
Manual Integrations
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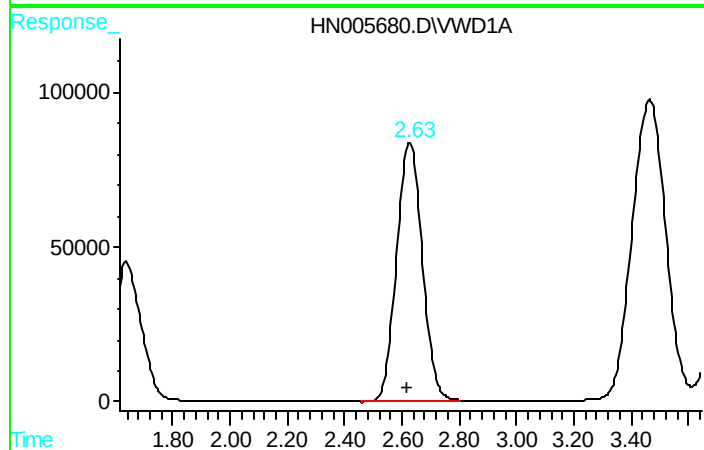
#2 HMX

R.T.: 0.871 min
Delta R.T.: 0.006 min
Response: 2011452
Conc: 501.00 ug/L



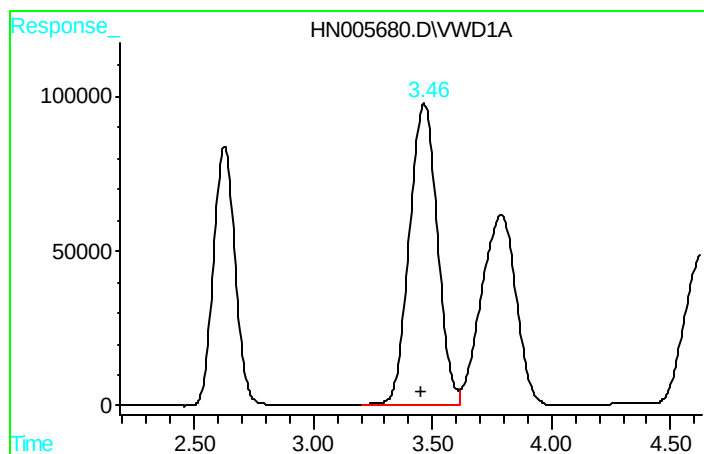
#3 RDX

R.T.: 1.639 min
Delta R.T.: 0.008 min
Response: 2675115
Conc: 489.05 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.628 min
Delta R.T.: 0.011 min
Response: 5223625
Conc: 502.41 ug/L



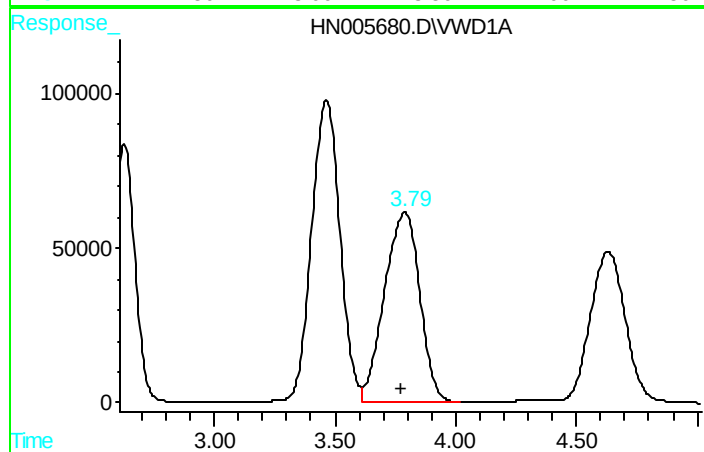
#5 3,5-Dinitroaniline

R.T.: 3.466 min
Delta R.T.: 0.014 min
Response: 8013282
Conc: 496.87 ng/ml

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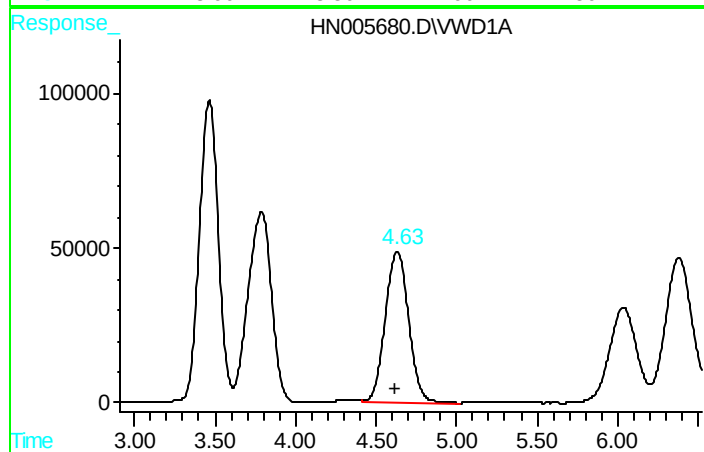
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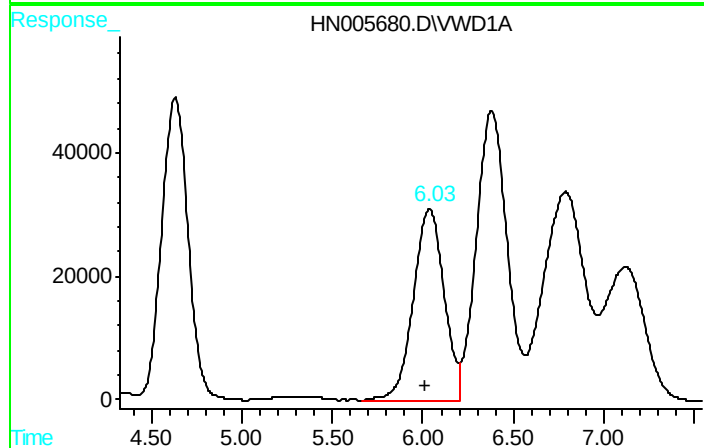
#6 1,3-Dinitrobenzene

R.T.: 3.790 min
Delta R.T.: 0.016 min
Response: 6283149
Conc: 495.06 ug/L



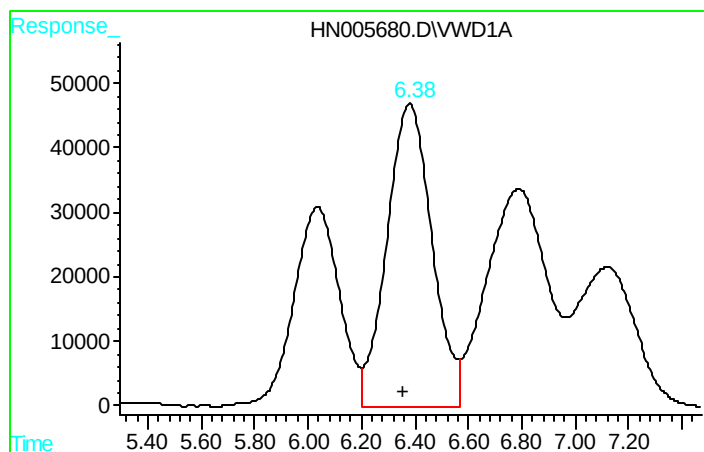
#7 Nitrobenzene

R.T.: 4.633 min
Delta R.T.: 0.018 min
Response: 5000905
Conc: 490.68 ug/L



#8 Tetryl

R.T.: 6.036 min
Delta R.T.: 0.028 min
Response: 3672833
Conc: 534.98 ug/L



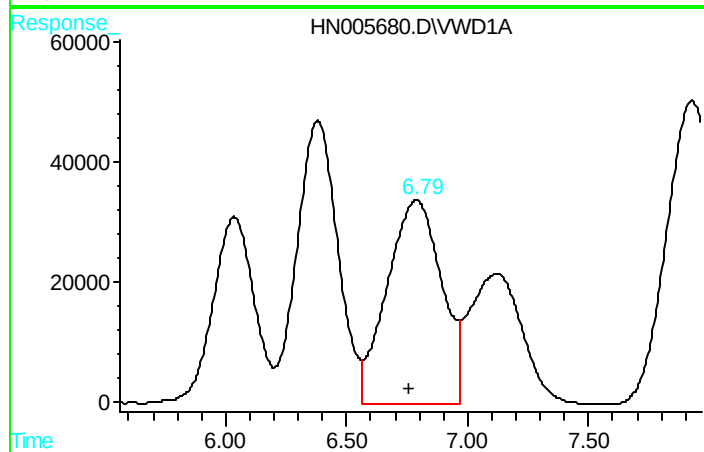
#9 2,4,6-Trinitrotoluene

R.T.: 6.381 min
Delta R.T.: 0.026 min
Response: 5505742
Conc: 484.72 ug/L

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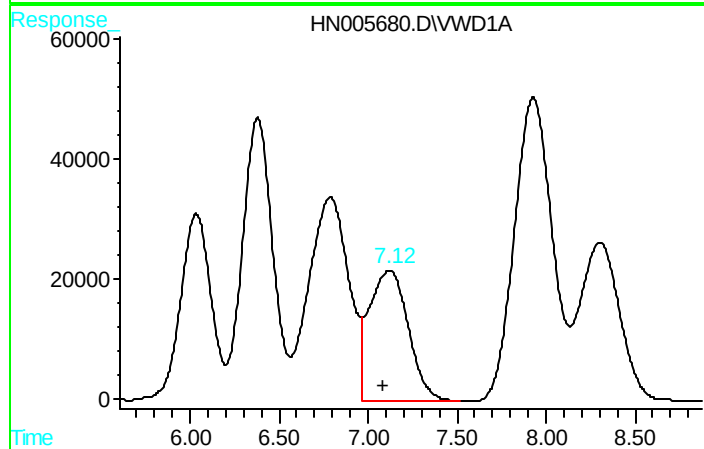
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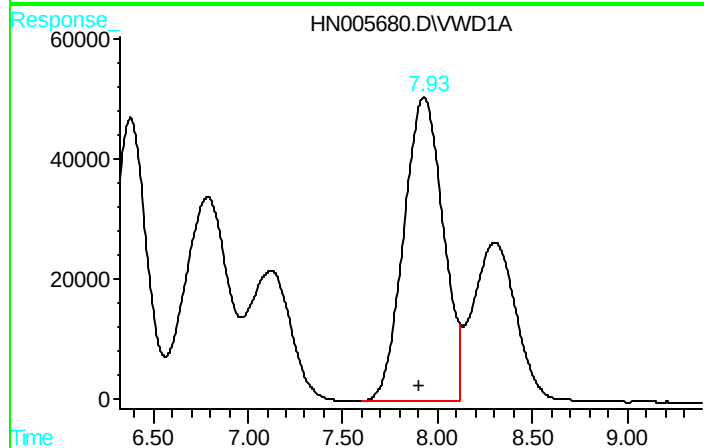
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.790 min
Delta R.T.: 0.030 min
Response: 5293770
Conc: 485.14 ug/L



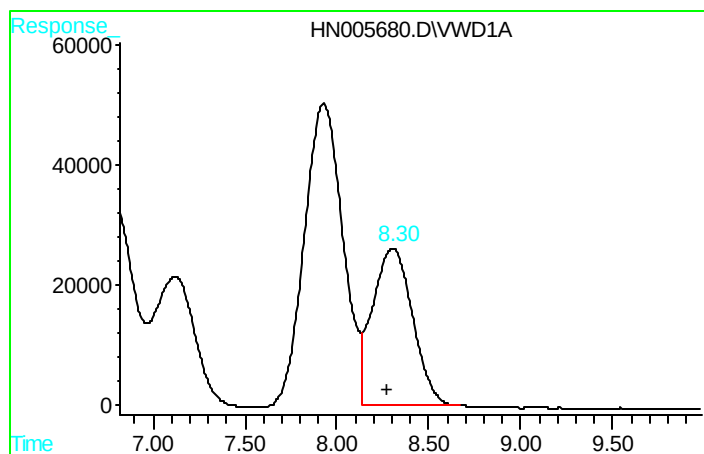
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.120 min
Delta R.T.: 0.032 min
Response: 3304812
Conc: 563.56 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.926 min
Delta R.T.: 0.027 min
Response: 7245559
Conc: 490.63 ug/L m



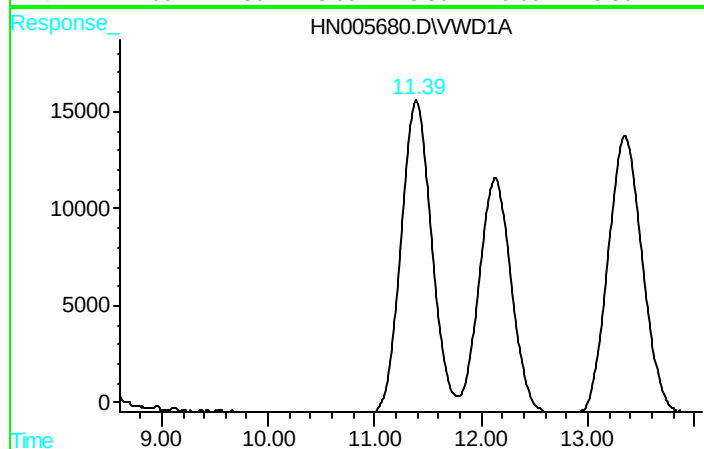
#13 2,6-Dinitrotoluene

R.T.: 8.303 min
 Delta R.T.: 0.030 min
 Response: 3916899
 Conc: 496.88 ug/L m

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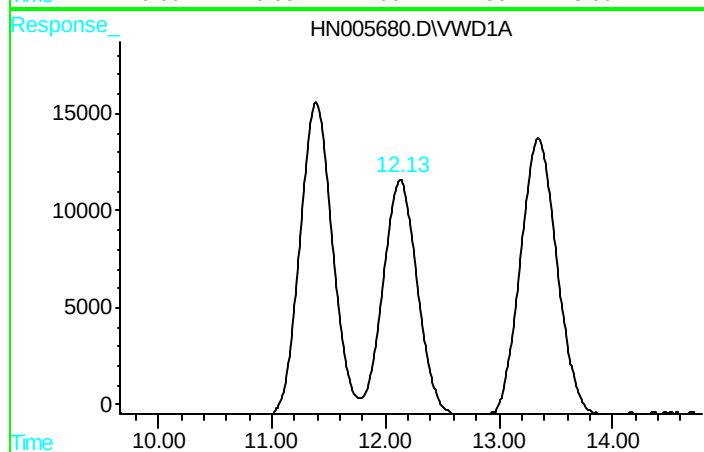
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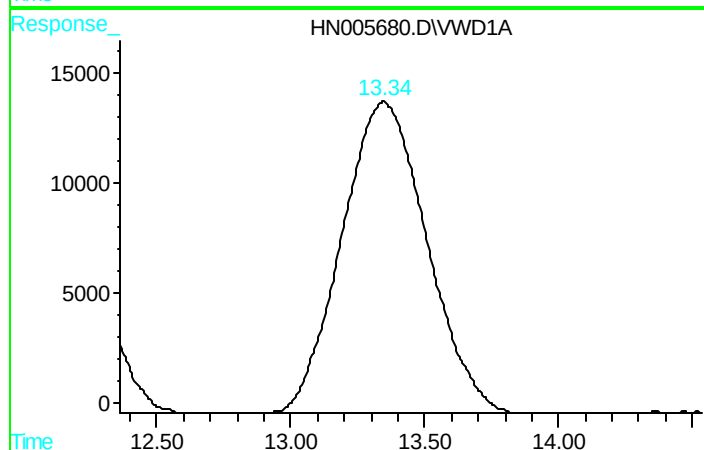
#14 2-Nitrotoluene

R.T.: 11.389 min
 Delta R.T.: 0.022 min
 Response: 3317855
 Conc: 518.59 ug/L



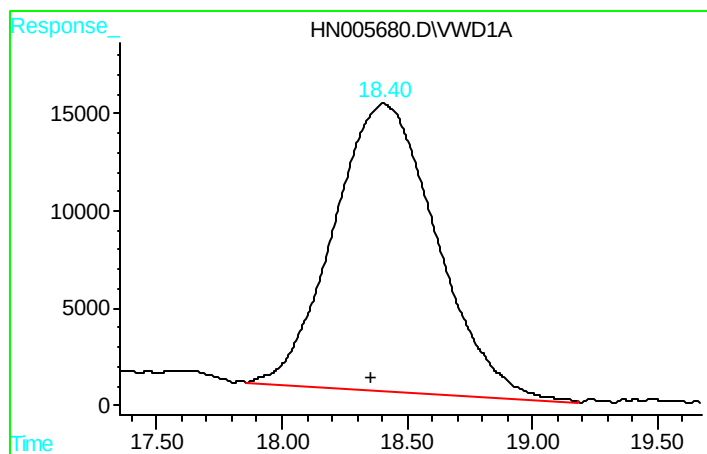
#15 4-Nitrotoluene

R.T.: 12.132 min
 Delta R.T.: 0.022 min
 Response: 2649132
 Conc: 491.31 ug/L



#16 3-Nitrotoluene

R.T.: 13.347 min
 Delta R.T.: 0.022 min
 Response: 3314661
 Conc: 483.30 ug/L



#17 PETN

R.T.: 18.404 min
Delta R.T.: 0.045 min
Response: 4218051
Conc: 487.11 ug/L m

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