

Data File : S:\HPCHEM1\HPLC_N\DATA\HN072414\HN006175.D Vial: 9
 Acq On : 24-Jul-2014, 13:04 Operator: HNP
 Sample : PB77980BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 24 16:43 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB77980BS

Manual Integrations
 APPROVED

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 7/31/2014 7:04:17 PM

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	1.33	727054	165.078 ug/L m
Target Compounds			
2) T HMX	0.88	556152	107.883 ug/L
3) T RDX	1.71	689108	123.099 ug/L m
4) T 1,3,5-Trinitrobenzene	2.72	1289389	116.804 ug/L
5) T 1,3-Dinitrobenzene	3.63	2171454	129.323 ng/ml
6) T 3,5-Dinitroaniline	3.99	1602757	118.935 ug/L
7) T Nitrobenzene	4.91	1298802	126.258 ug/L m
8) T Tetryl	6.49	665606	85.628 ug/L m
9) T 2,4,6-Trinitrotoluene	6.77	1369944	129.493 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.29	1340088	117.547 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.69	891977	128.704 ug/L m
12) T 2,4-Dinitrotoluene	8.49	1903412	120.106 ug/L m
13) T 2,6-Dinitrotoluene	8.93	1140266	133.669 ug/L m
14) T 2-Nitrotoluene	12.39	755489	109.787 ug/L m
15) T 4-Nitrotoluene	13.18	659282	118.872 ug/L m
16) T 3-Nitrotoluene	14.55	800439	112.015 ug/L m
17) T PETN	19.78	1267338	143.081 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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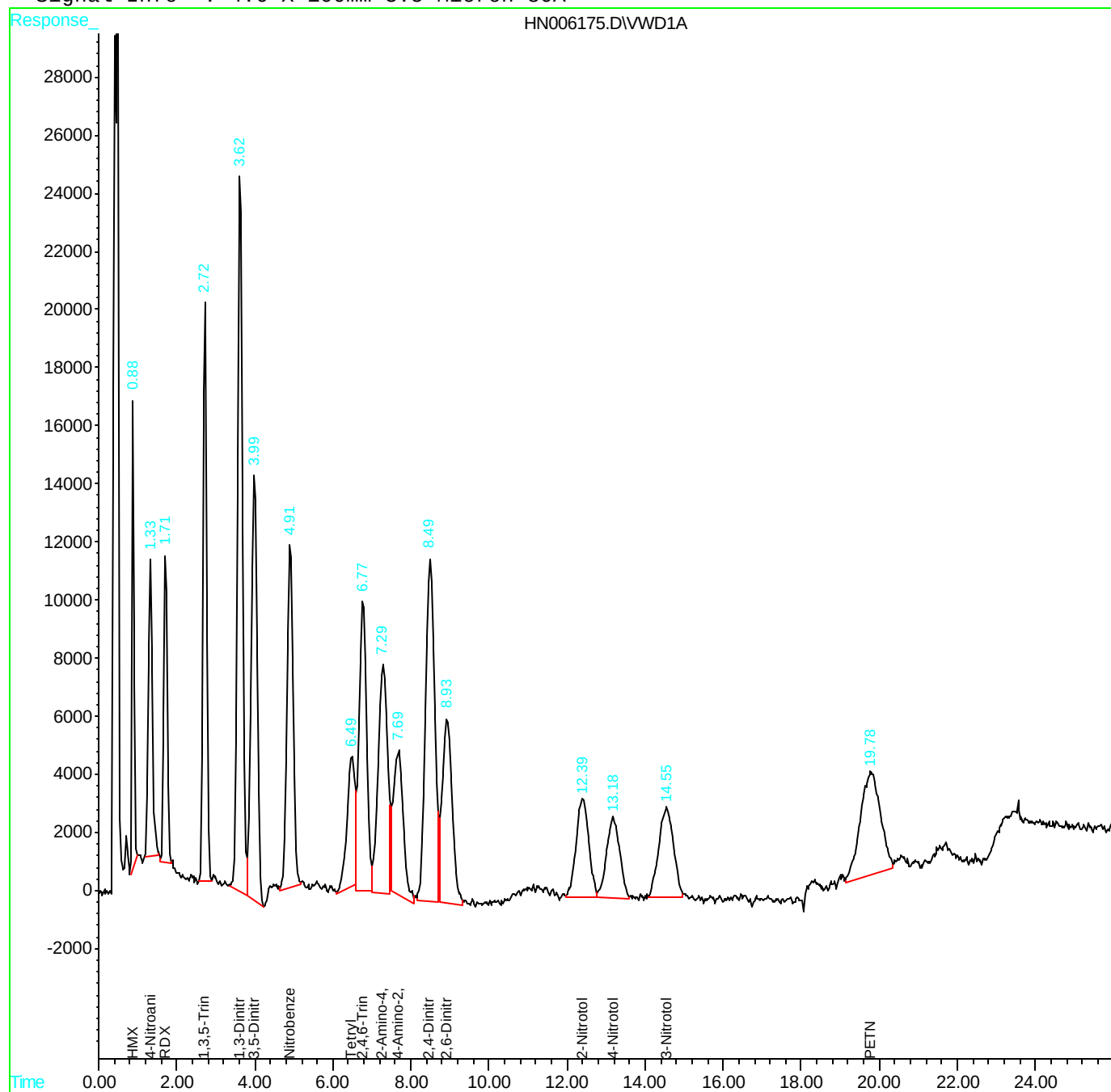
Instrument :
HPLC_N
ClientSampleId :
PB77980BS

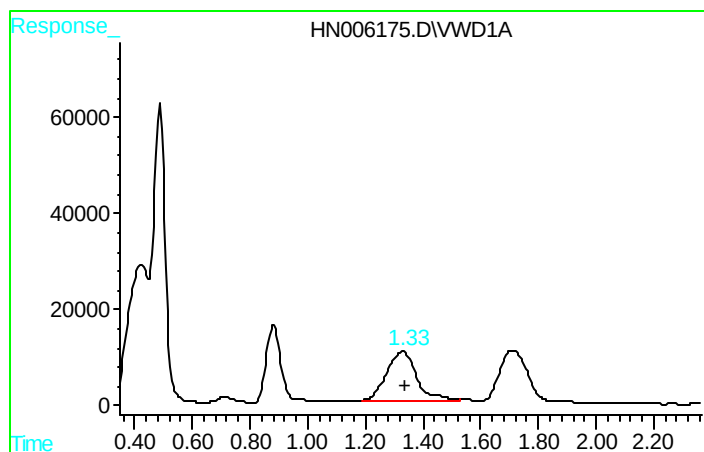
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
Title :
Last Update : Thu Jul 17 17:06:08 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





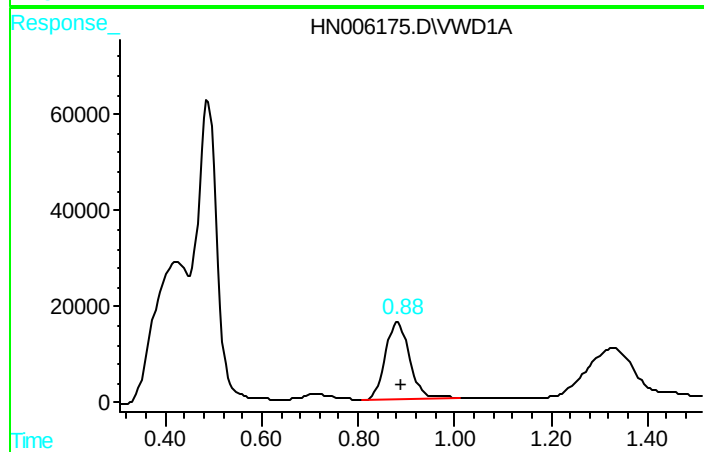
#1 4-Nitroaniline

R.T.: 1.329 min
Delta R.T.: -0.008 min
Response: 727054
Conc: 165.08 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB77980BS

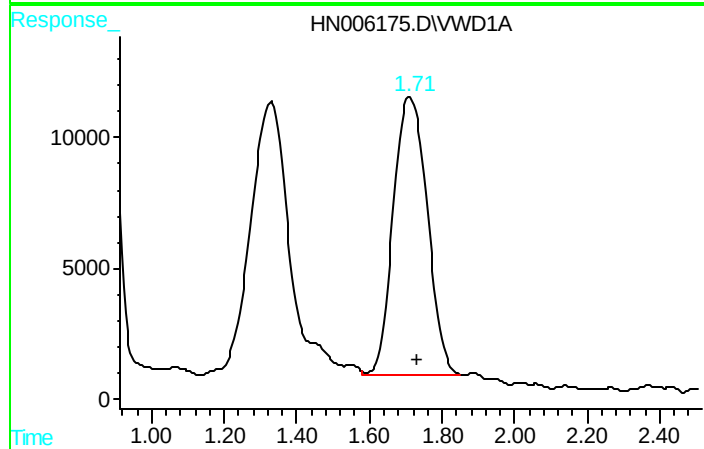
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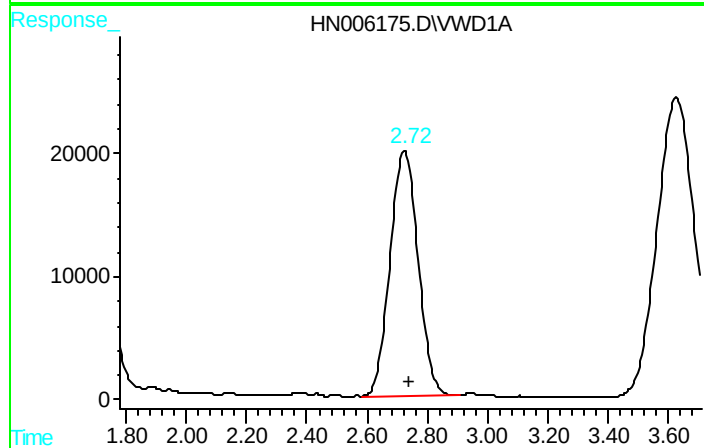
#2 HMX

R.T.: 0.882 min
Delta R.T.: -0.005 min
Response: 556152
Conc: 107.88 ug/L



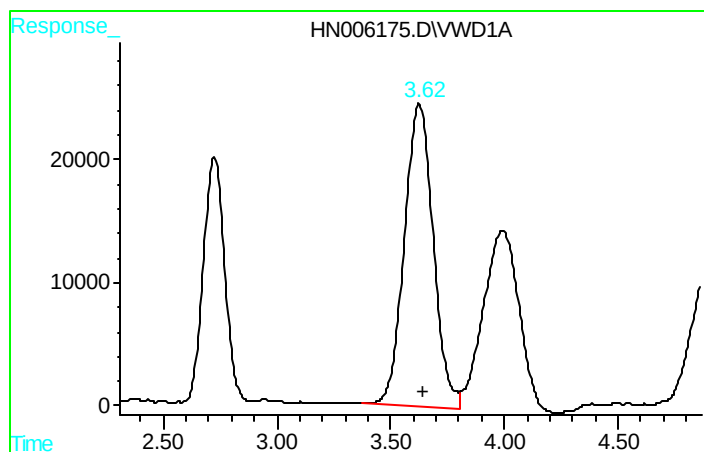
#3 RDX

R.T.: 1.709 min
Delta R.T.: -0.022 min
Response: 689108
Conc: 123.10 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.724 min
Delta R.T.: -0.012 min
Response: 1289389
Conc: 116.80 ug/L



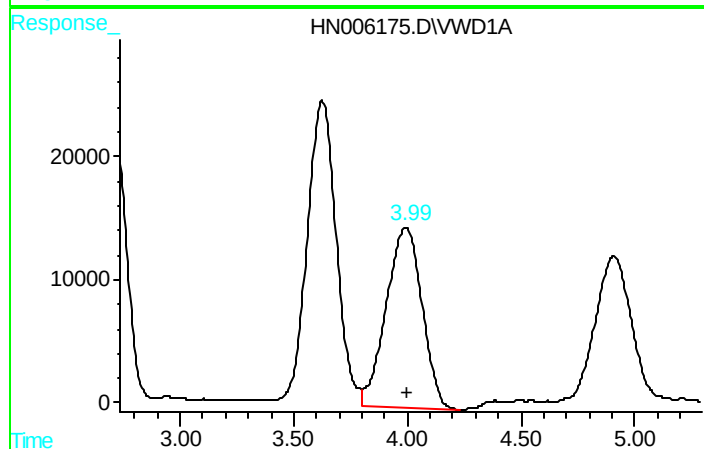
#5 1,3-Dinitrobenzene

R.T.: 3.626 min
Delta R.T.: -0.013 min
Response: 2171454
Conc: 129.32 ng/ml

Instrument :
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ClientSampleId :
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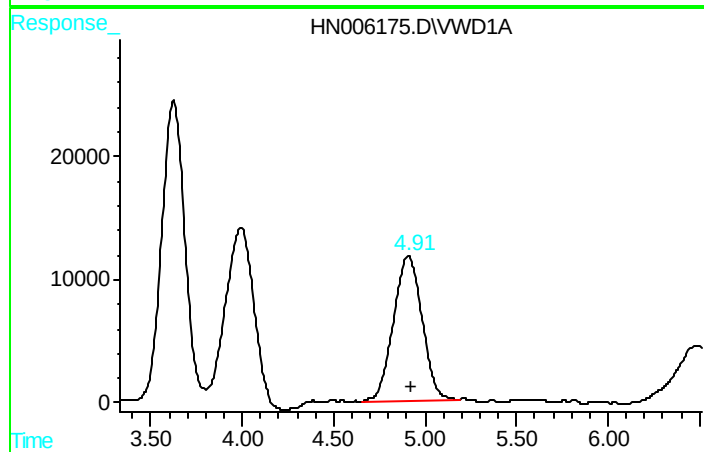
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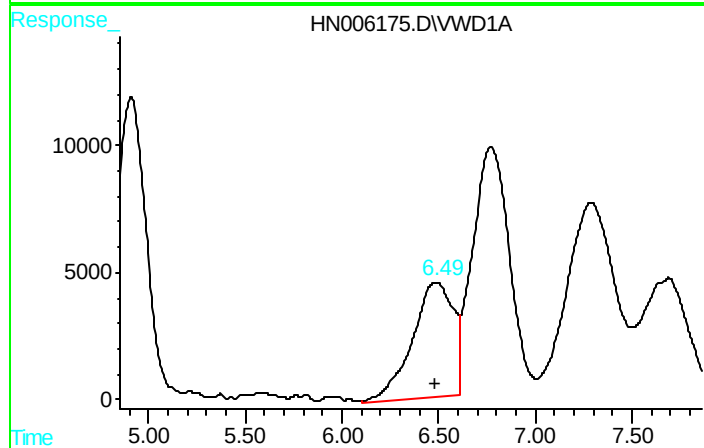
#6 3,5-Dinitroaniline

R.T.: 3.994 min
Delta R.T.: -0.004 min
Response: 1602757
Conc: 118.94 ug/L



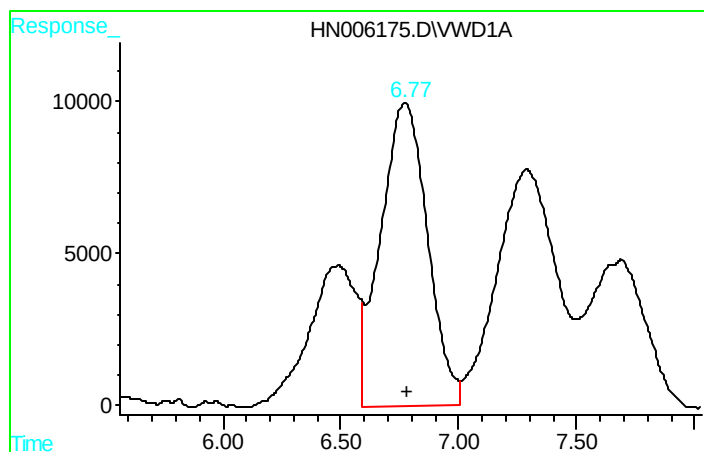
#7 Nitrobenzene

R.T.: 4.907 min
Delta R.T.: -0.012 min
Response: 1298802
Conc: 126.26 ug/L m



#8 Tetryl

R.T.: 6.489 min
Delta R.T.: 0.013 min
Response: 665606
Conc: 85.63 ug/L m



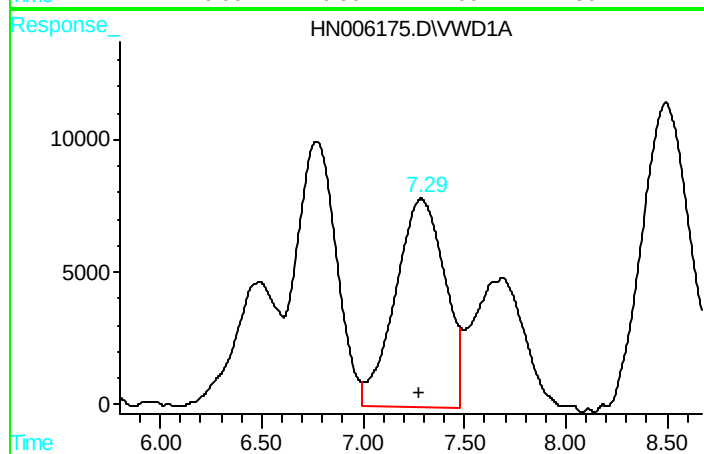
#9 2,4,6-Trinitrotoluene

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 1369944
Conc: 129.49 ug/L m

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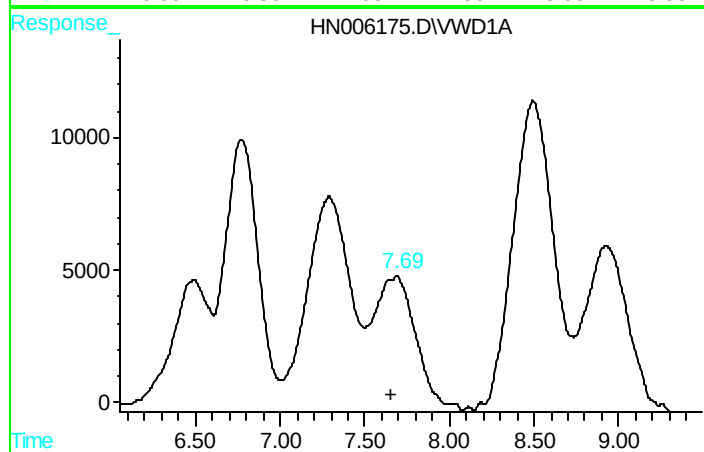
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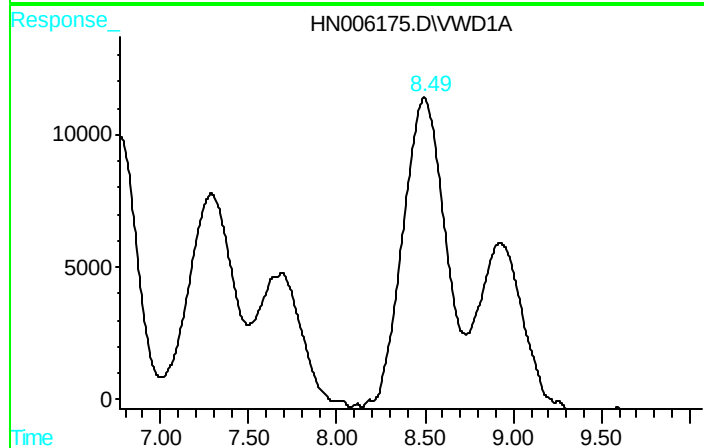
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.287 min
Delta R.T.: 0.014 min
Response: 1340088
Conc: 117.55 ug/L m



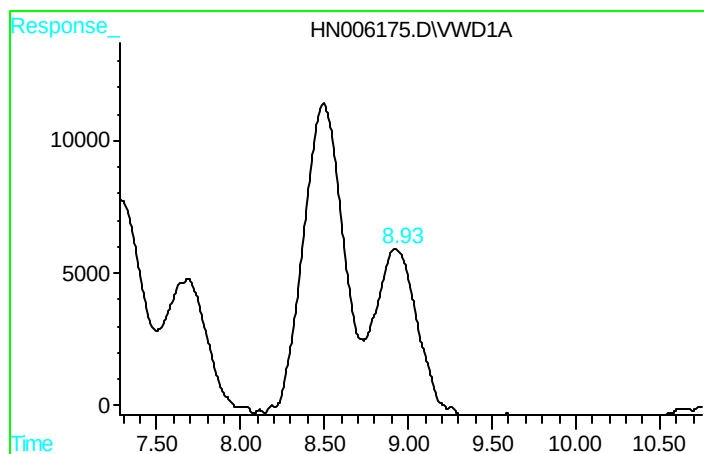
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.690 min
Delta R.T.: 0.037 min
Response: 891977
Conc: 128.70 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.493 min
Delta R.T.: 0.006 min
Response: 1903412
Conc: 120.11 ug/L m



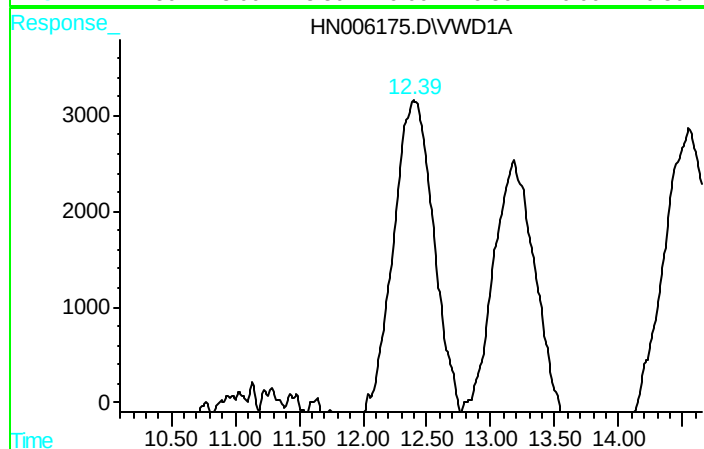
#13 2,6-Dinitrotoluene

R.T.: 8.927 min
Delta R.T.: 0.008 min
Response: 1140266
Conc: 133.67 ug/L m

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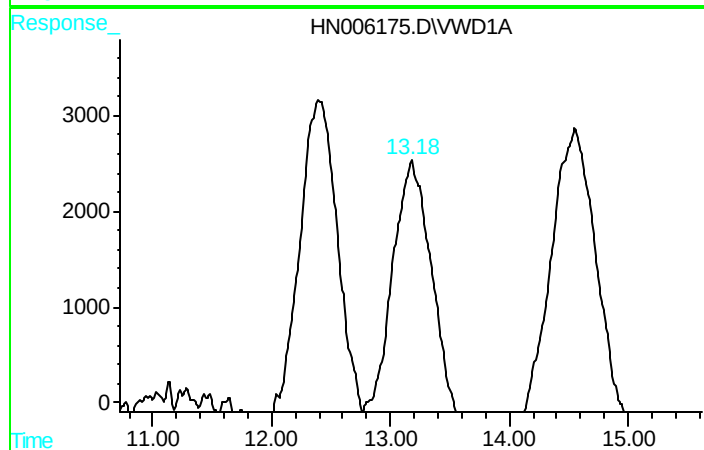
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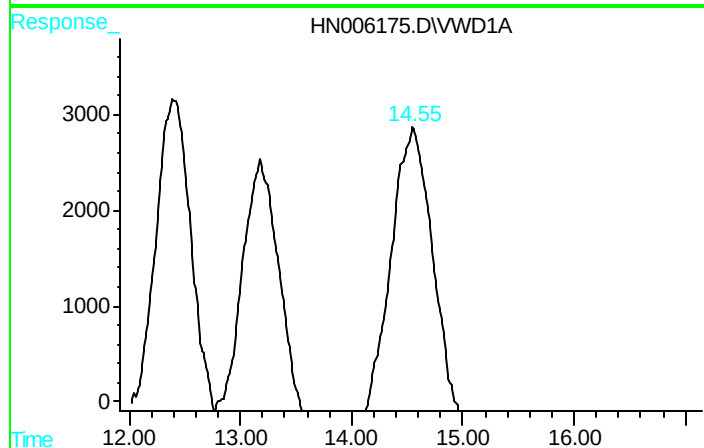
#14 2-Nitrotoluene

R.T.: 12.390 min
Delta R.T.: 0.032 min
Response: 755489
Conc: 109.79 ug/L m



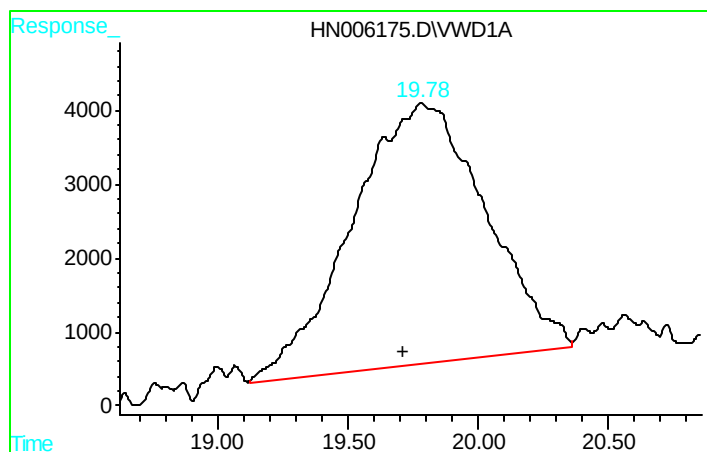
#15 4-Nitrotoluene

R.T.: 13.177 min
Delta R.T.: 0.031 min
Response: 659282
Conc: 118.87 ug/L m



#16 3-Nitrotoluene

R.T.: 14.552 min
Delta R.T.: 0.056 min
Response: 800439
Conc: 112.01 ug/L m



#17 PETN

R.T.: 19.778 min
Delta R.T.: 0.067 min
Response: 1267338
Conc: 143.08 ug/L m

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