

Data File : S:\HPCHEM1\HPLC_N\DATA\HN012114\HN005804.D Vial: 24
 Acq On : 21-Jan-2014, 21:42 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jan 24 13:16 2014 Quant Results File: HN012114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 1/24/2014 4:51:13 PM

Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
 Title :
 Last Update : Fri Jan 24 13:04:26 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	1.31	2225228	590.709 ug/L
Target Compounds			
2) T HMX	0.87	2063840	481.235 ug/L
3) T RDX	1.68	2793904	487.166 ug/L
4) T 1,3,5-Trinitrobenzene	2.62	5265445	489.232 ug/L
5) T 1,3-Dinitrobenzene	3.47	8044985	498.685 ng/ml
6) T 3,5-Dinitroaniline	3.82	6233907	498.091 ug/L
7) T Nitrobenzene	4.64	5147616	478.812 ug/L
8) T Tetryl	6.09	3414960	495.237 ug/L
9) T 2,4,6-Trinitrotoluene	6.39	5186837	486.556 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.86	5412637	473.546 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.19	3223360	557.652 ug/L
12) T 2,4-Dinitrotoluene	7.96	7564724	494.474 ug/L
13) T 2,6-Dinitrotoluene	8.34	4391299	520.272 ug/L
14) T 2-Nitrotoluene	11.42	3180482	480.510 ug/L
15) T 4-Nitrotoluene	12.16	2594032	485.733 ug/L
16) T 3-Nitrotoluene	13.39	3319382	497.373 ug/L
17) T PETN	18.55	3872500	464.904 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.

HN005804.D HN012114.M Sat Jan 25 00:58:14 2014

RPT1

Quantitation Report

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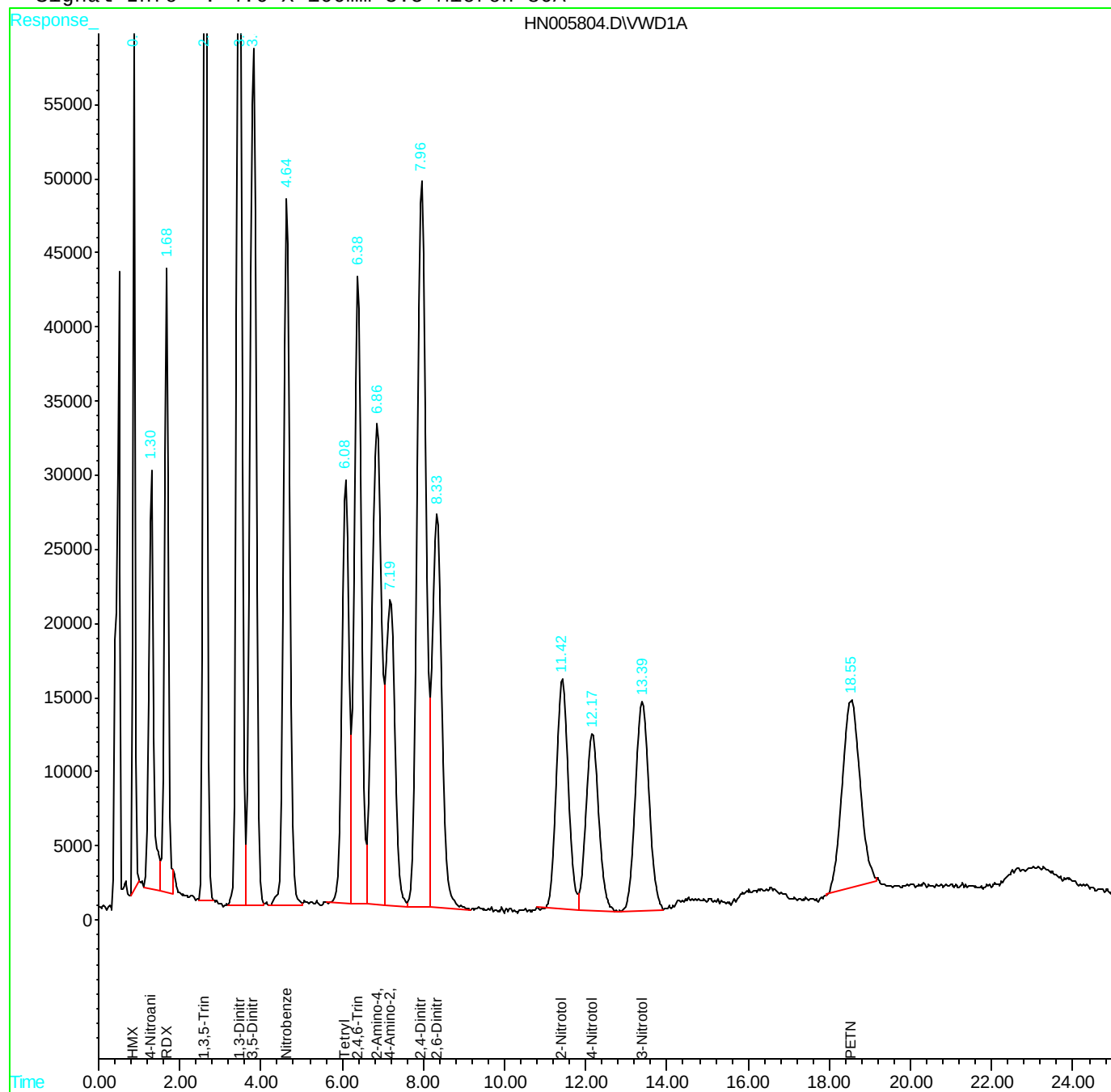
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

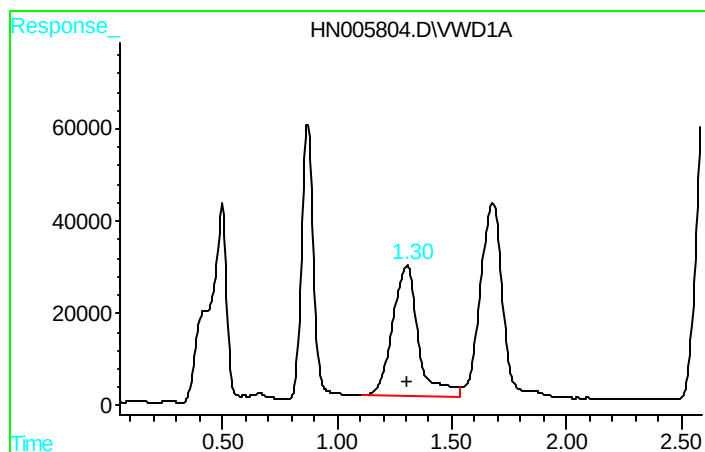
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN012114.M
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Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





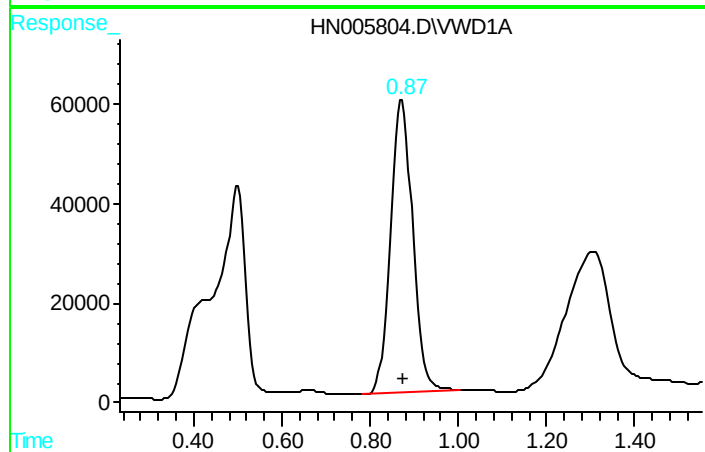
#1 4-Nitroaniline

R.T.: 1.305 min
Delta R.T.: 0.001 min
Response: 2225228
Conc: 590.71 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

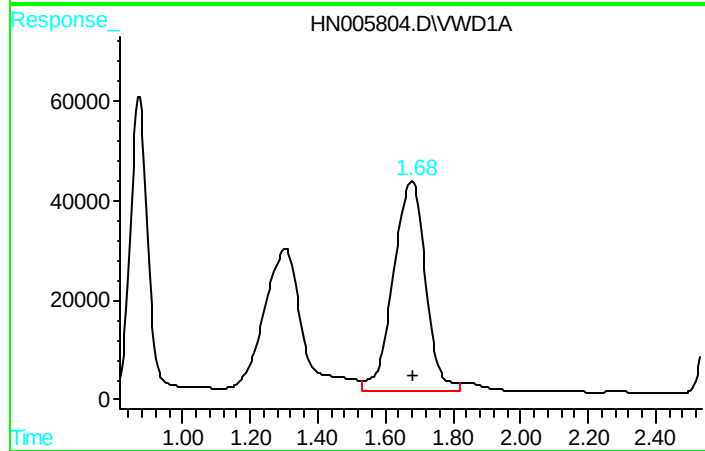
Manual Integrations
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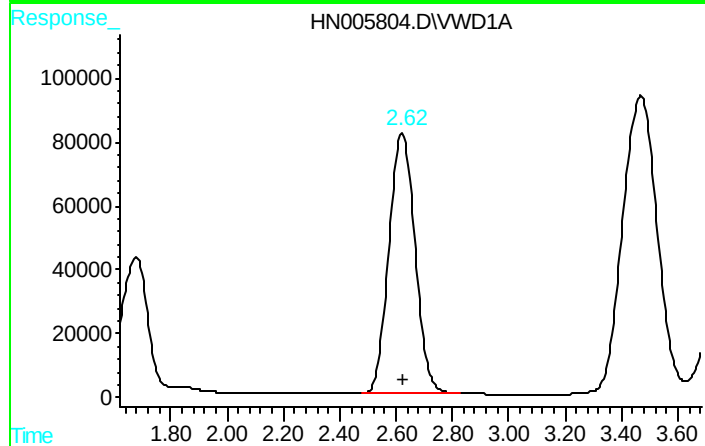
#2 HMX

R.T.: 0.873 min
Delta R.T.: -0.001 min
Response: 2063840
Conc: 481.24 ug/L



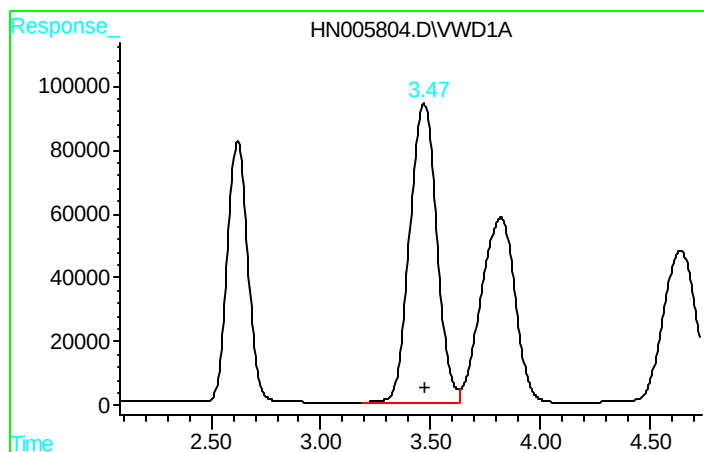
#3 RDX

R.T.: 1.679 min
Delta R.T.: 0.000 min
Response: 2793904
Conc: 487.17 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 5265445
Conc: 489.23 ug/L



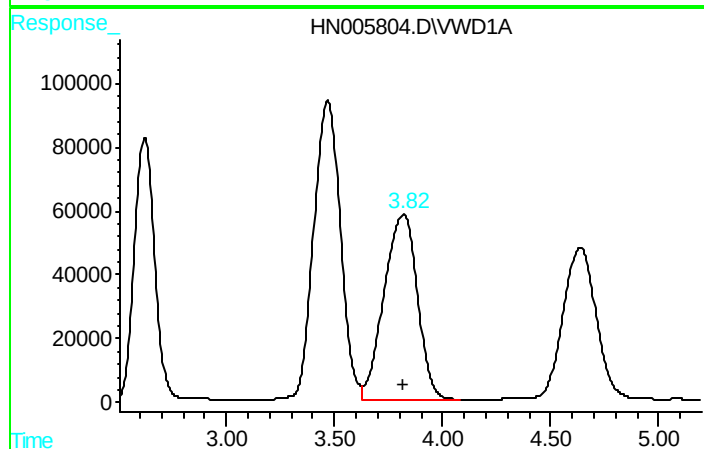
#5 1,3-Dinitrobenzene

R.T.: 3.470 min
Delta R.T.: 0.000 min
Response: 8044985
Conc: 498.69 ng/ml

Instrument :
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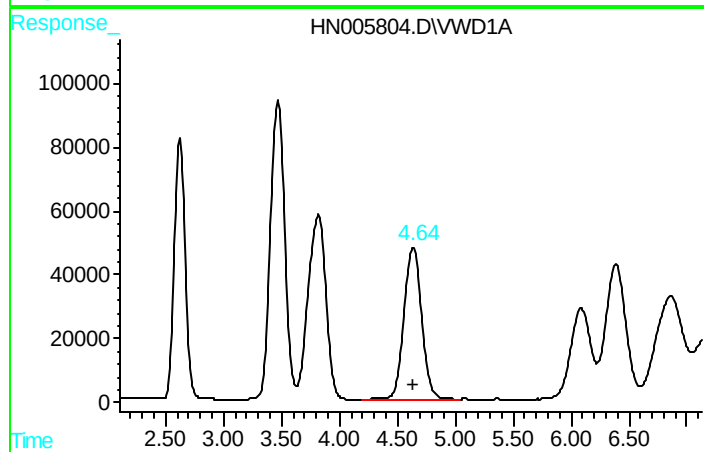
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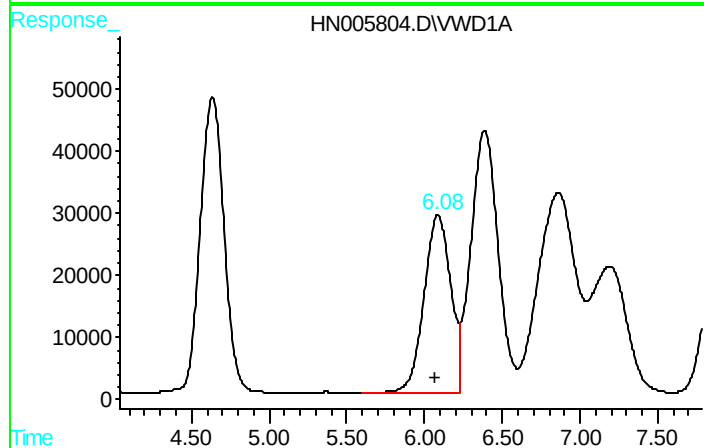
#6 3,5-Dinitroaniline

R.T.: 3.820 min
Delta R.T.: 0.003 min
Response: 6233907
Conc: 498.09 ug/L



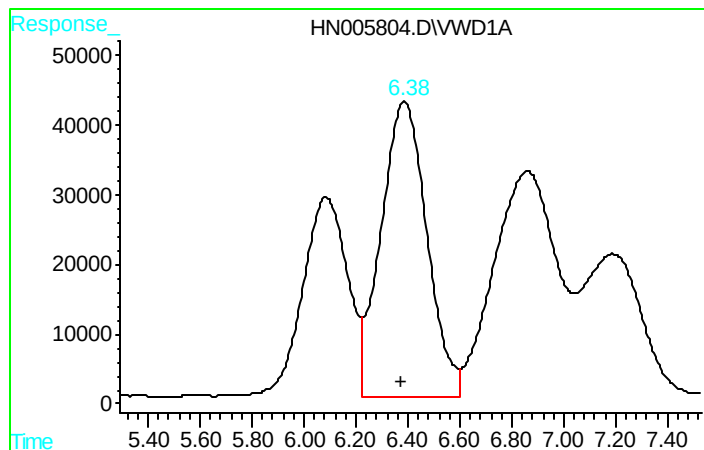
#7 Nitrobenzene

R.T.: 4.637 min
Delta R.T.: 0.006 min
Response: 5147616
Conc: 478.81 ug/L



#8 Tetryl

R.T.: 6.085 min
Delta R.T.: 0.014 min
Response: 3414960
Conc: 495.24 ug/L



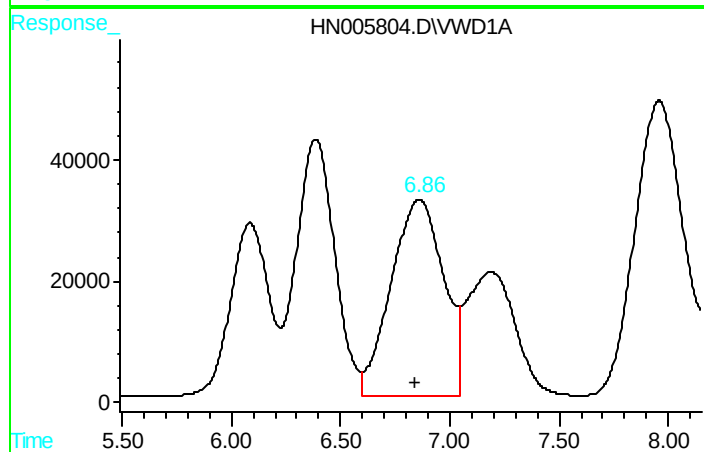
#9 2,4,6-Trinitrotoluene

R.T.: 6.387 min
Delta R.T.: 0.013 min
Response: 5186837
Conc: 486.56 ug/L

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HSTDCCC0500

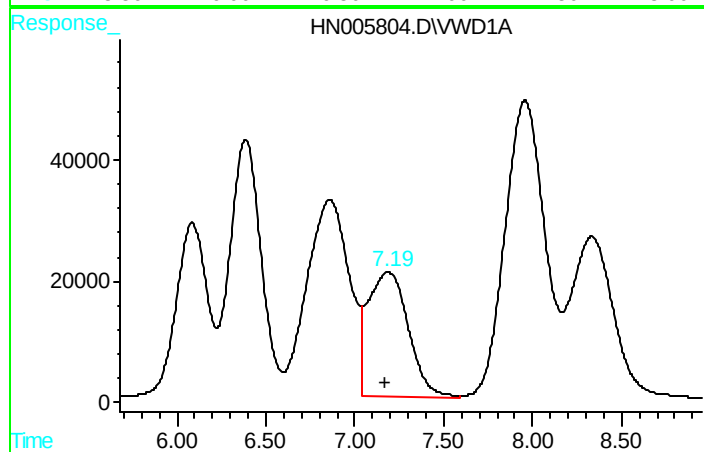
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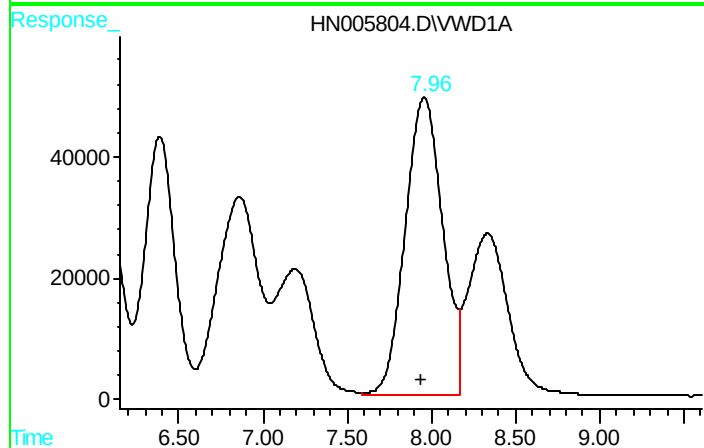
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.861 min
Delta R.T.: 0.017 min
Response: 5412637
Conc: 473.55 ug/L



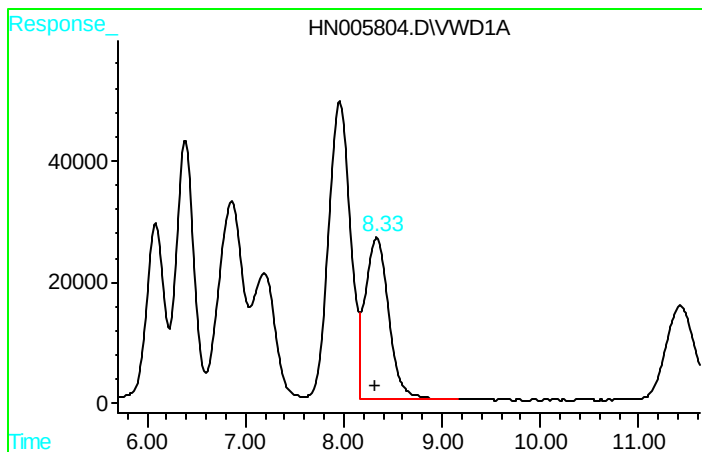
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.189 min
Delta R.T.: 0.020 min
Response: 3223360
Conc: 557.65 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.958 min
Delta R.T.: 0.019 min
Response: 7564724
Conc: 494.47 ug/L



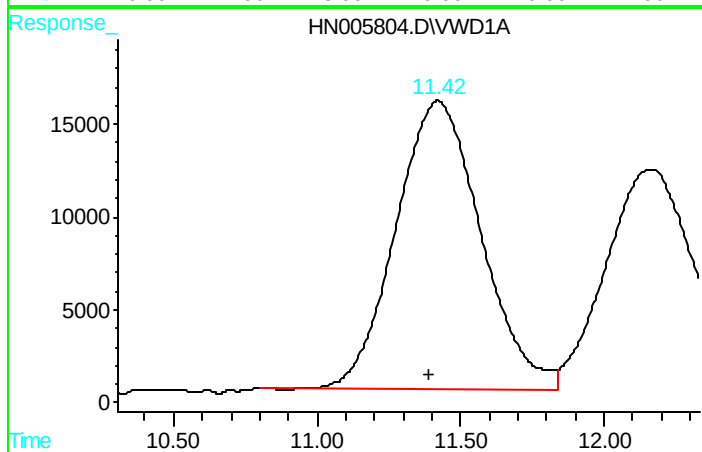
#13 2,6-Dinitrotoluene

R.T.: 8.335 min
Delta R.T.: 0.021 min
Response: 4391299
Conc: 520.27 ug/L

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HPLC_N
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HSTDCCC0500

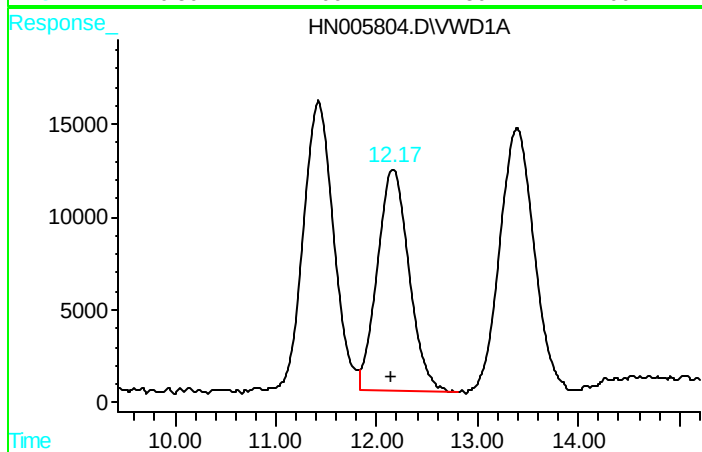
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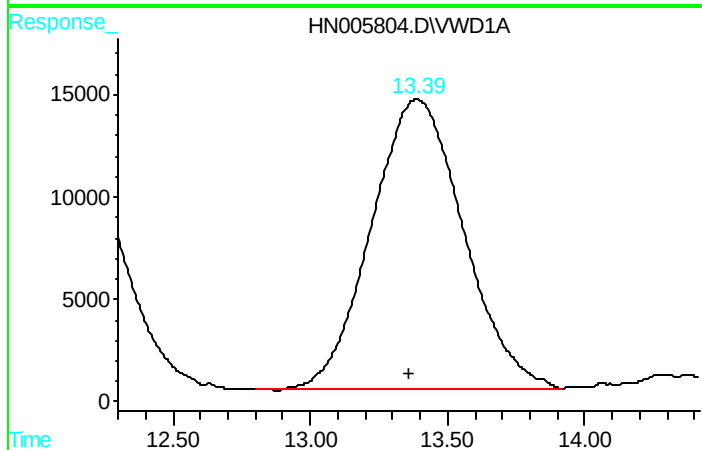
#14 2-Nitrotoluene

R.T.: 11.421 min
Delta R.T.: 0.030 min
Response: 3180482
Conc: 480.51 ug/L



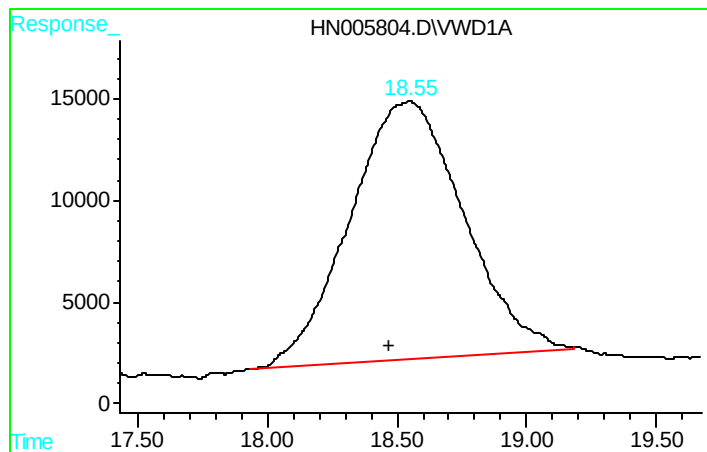
#15 4-Nitrotoluene

R.T.: 12.165 min
Delta R.T.: 0.031 min
Response: 2594032
Conc: 485.73 ug/L



#16 3-Nitrotoluene

R.T.: 13.389 min
Delta R.T.: 0.030 min
Response: 3319382
Conc: 497.37 ug/L



#17 PETN

R.T.: 18.546 min
Delta R.T.: 0.077 min
Response: 3872500
Conc: 464.90 ug/L m

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LabSampleId :
HSTDCCC0500

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