

Data File : S:\HPCHEM1\HPLC_N\DATA\HN071714\HN006139.D Vial: 14
 Acq On : 17-Jul-2014, 14:27 Operator: HNP
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 18 3:48 2014 Quant Results File: HN071714.RES

Instrument :
 HPLC_N
 ClientSampleId :
 ICVHN071714

Manual Integrations
 APPROVED

mohammad
 7/24/2014 3:16:37 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	2031285	461.205 ug/L
Target Compounds			
2) T HMX	0.88	2271800	506.151 ug/L
3) T RDX	1.72	2629210	469.668 ug/L
4) T 1,3,5-Trinitrobenzene	2.72	5302920	480.384 ug/L
5) T 1,3-Dinitrobenzene	3.62	8143810	485.014 ng/ml
6) T 3,5-Dinitroaniline	3.98	6562315	486.967 ug/L
7) T Nitrobenzene	4.90	4910492	477.354 ug/L
8) T Tetryl	6.46	3907899	502.740 ug/L
9) T 2,4,6-Trinitrotoluene	6.76	5094129	481.519 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.25	5365321	470.623 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.63	3597786	519.126 ug/L
12) T 2,4-Dinitrotoluene	8.47	7572904	477.854 ug/L
13) T 2,6-Dinitrotoluene	8.90	4202661	492.660 ug/L
14) T 2-Nitrotoluene	12.34	3033420	440.815 ug/L
15) T 4-Nitrotoluene	13.11	2600041	468.802 ug/L m
16) T 3-Nitrotoluene	14.47	3335942	466.837 ug/L
17) T PETN	19.72	4527511	511.153 ug/L

 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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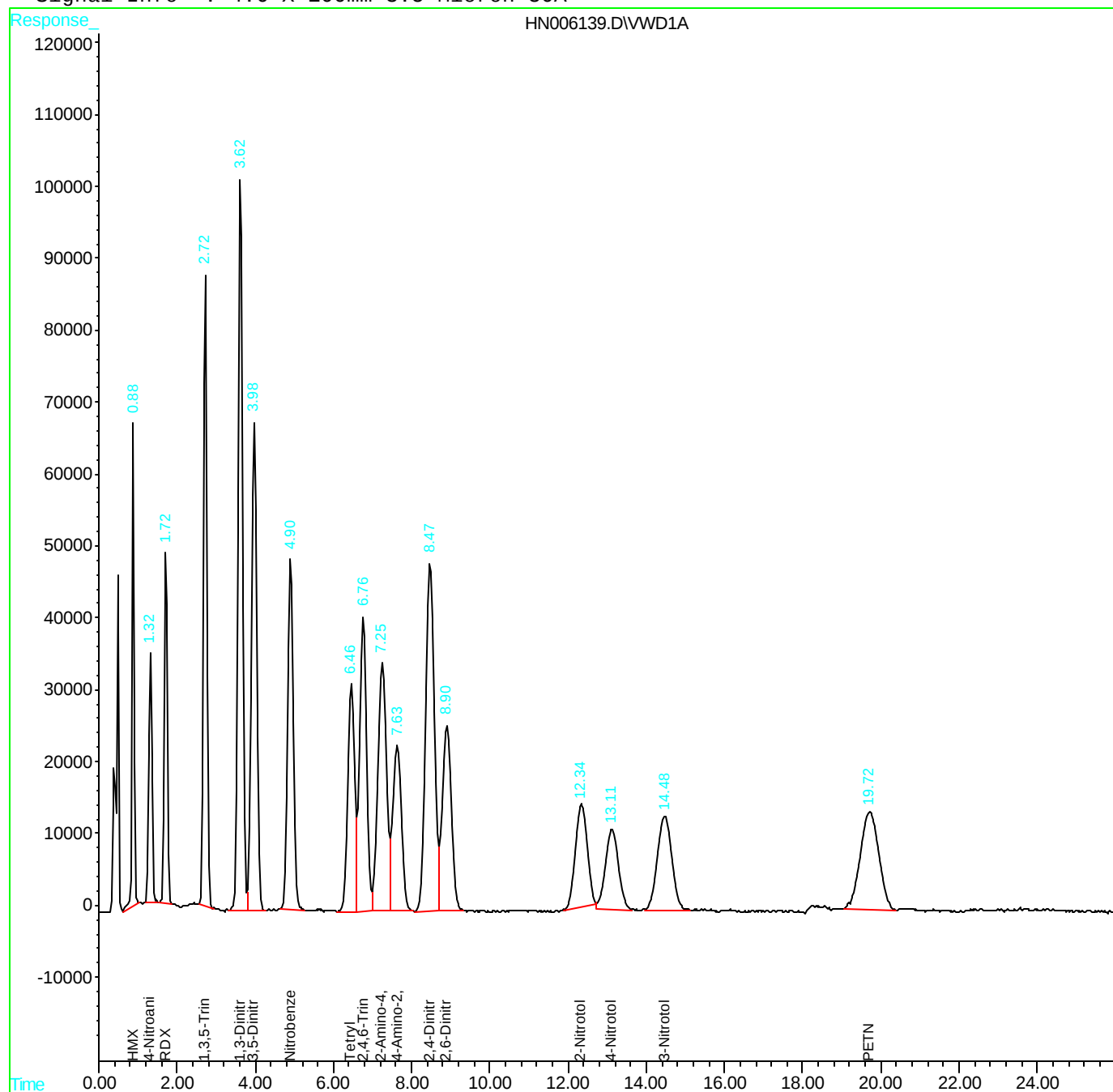
Instrument :
HPLC_N
ClientSampleId :
ICVHN071714

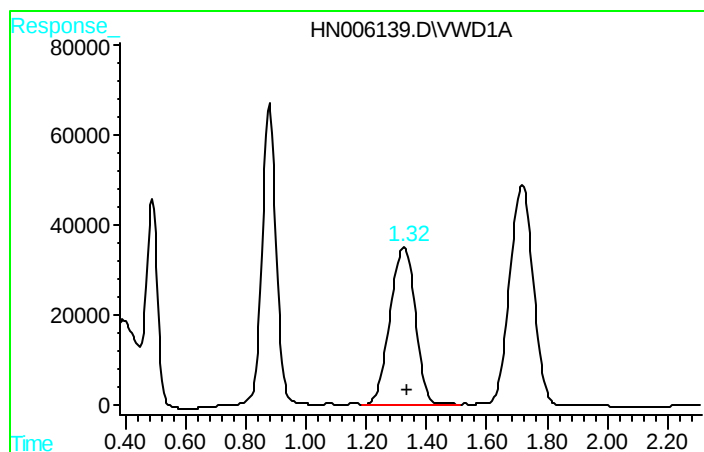
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN071714.M
Title :
Last Update : Thu Jul 17 17:06:08 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





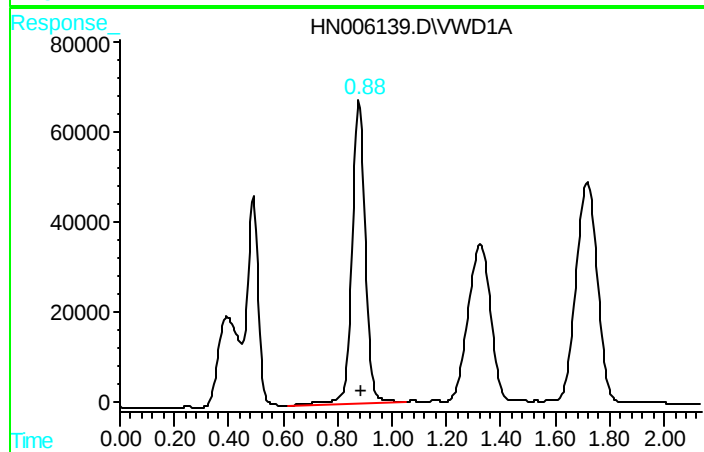
#1 4-Nitroaniline

R.T.: 1.326 min
 Delta R.T.: -0.011 min
 Response: 2031285
 Conc: 461.21 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 ICVHN071714

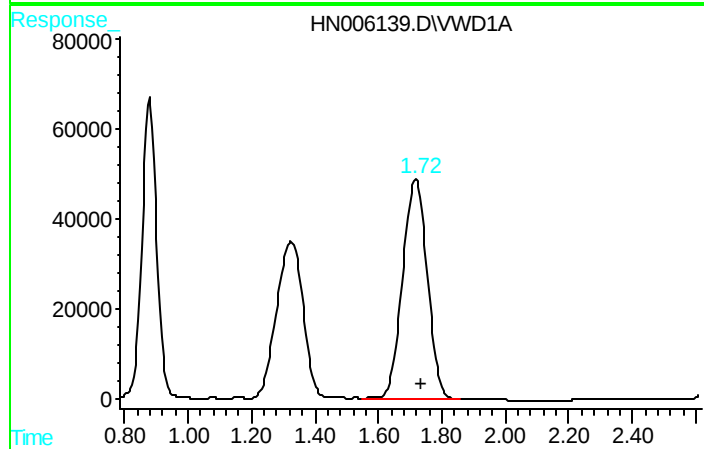
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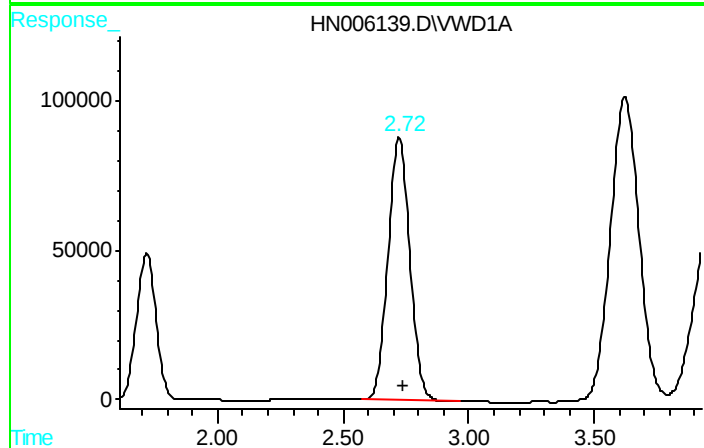
#2 HMX

R.T.: 0.880 min
 Delta R.T.: -0.007 min
 Response: 2271800
 Conc: 506.15 ug/L



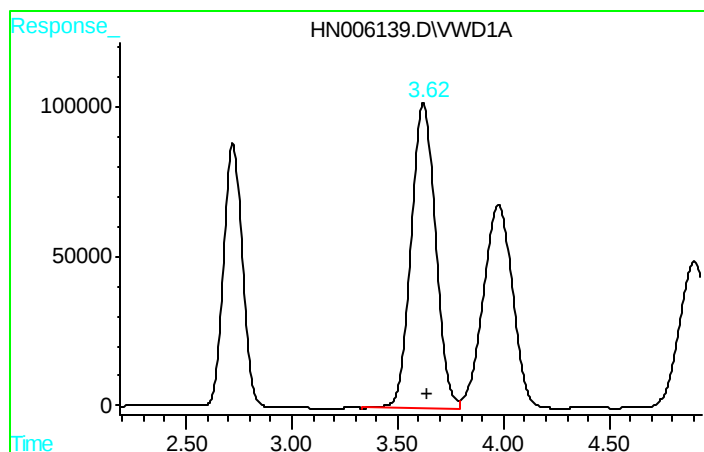
#3 RDX

R.T.: 1.718 min
 Delta R.T.: -0.013 min
 Response: 2629210
 Conc: 469.67 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.723 min
 Delta R.T.: -0.013 min
 Response: 5302920
 Conc: 480.38 ug/L



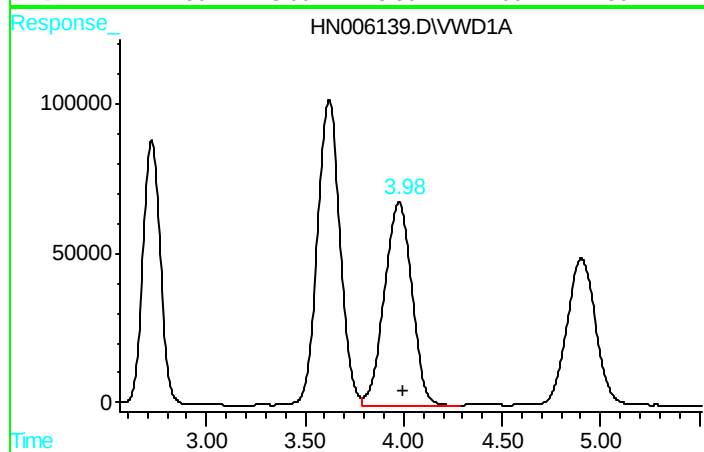
#5 1,3-Dinitrobenzene

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 8143810
Conc: 485.01 ng/ml

Instrument :
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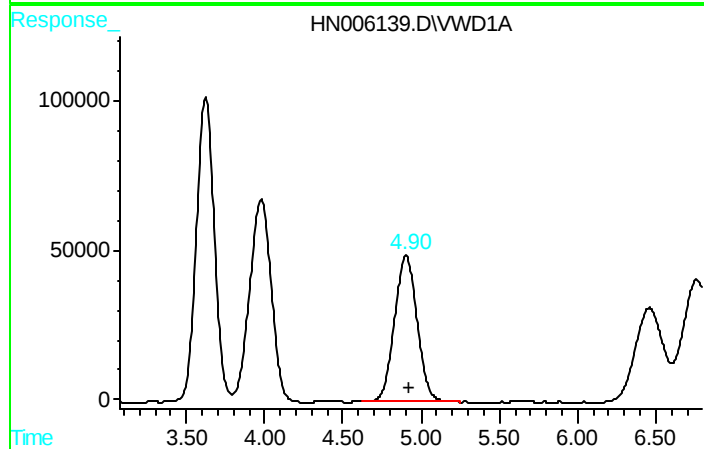
Manual Integrations
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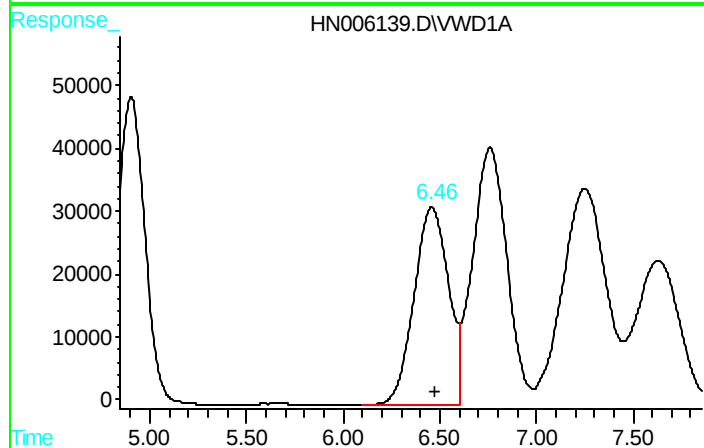
#6 3,5-Dinitroaniline

R.T.: 3.978 min
Delta R.T.: -0.020 min
Response: 6562315
Conc: 486.97 ug/L



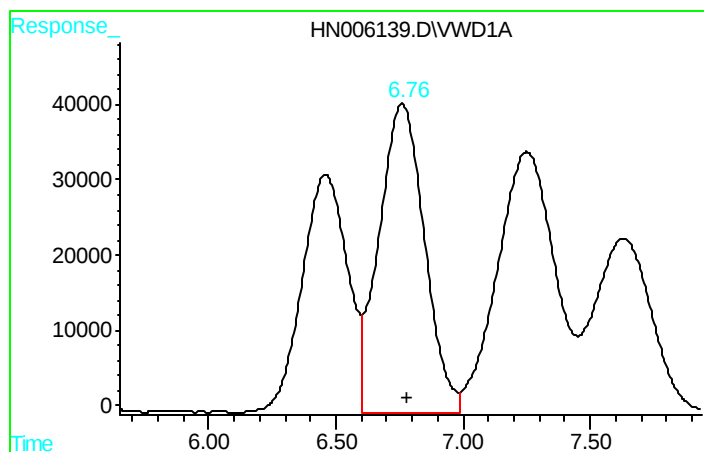
#7 Nitrobenzene

R.T.: 4.904 min
Delta R.T.: -0.015 min
Response: 4910492
Conc: 477.35 ug/L



#8 Tetryl

R.T.: 6.460 min
Delta R.T.: -0.016 min
Response: 3907899
Conc: 502.74 ug/L



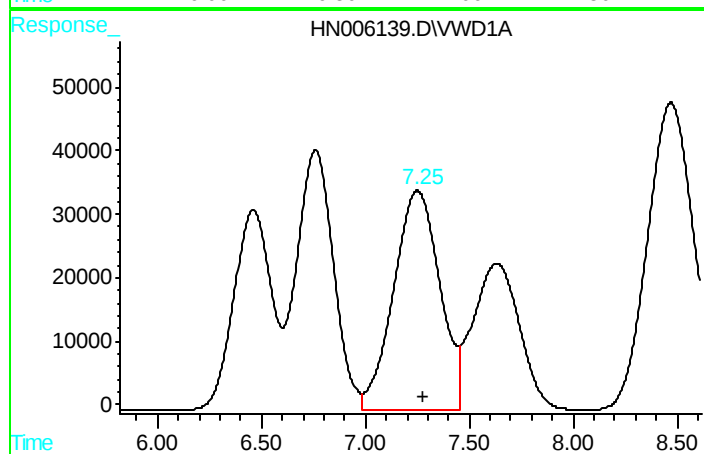
#9 2,4,6-Trinitrotoluene

R.T.: 6.762 min
Delta R.T.: -0.015 min
Response: 5094129
Conc: 481.52 ug/L

Instrument :
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ICVHN071714

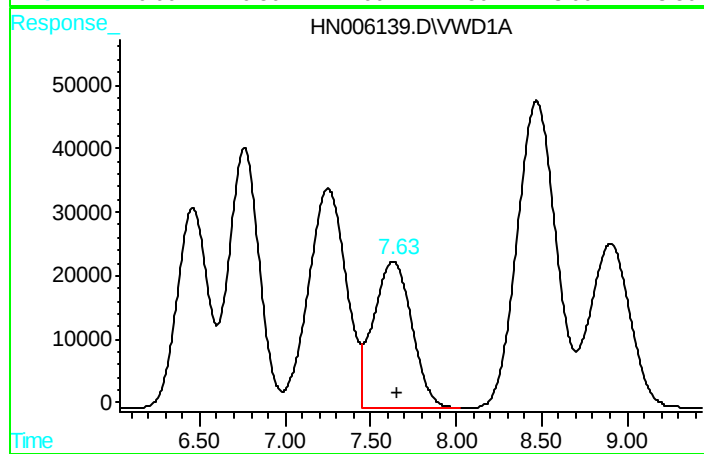
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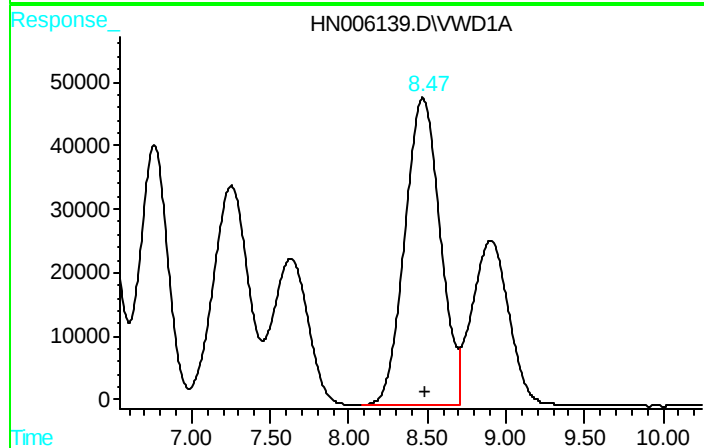
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.251 min
Delta R.T.: -0.022 min
Response: 5365321
Conc: 470.62 ug/L



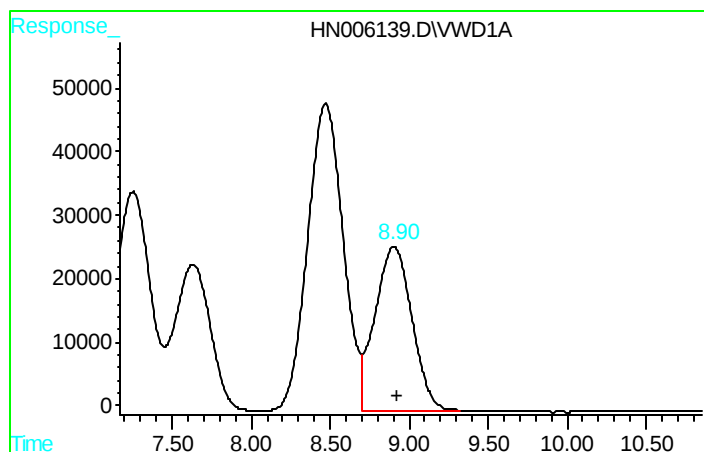
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.631 min
Delta R.T.: -0.021 min
Response: 3597786
Conc: 519.13 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.471 min
Delta R.T.: -0.016 min
Response: 7572904
Conc: 477.85 ug/L



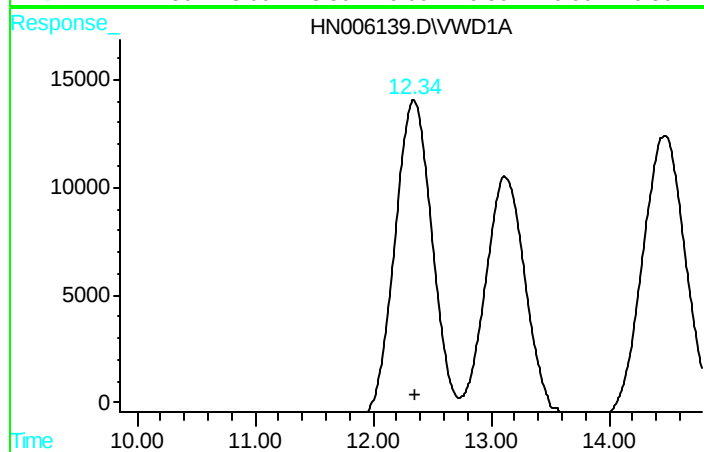
#13 2,6-Dinitrotoluene

R.T.: 8.905 min
Delta R.T.: -0.015 min
Response: 4202661
Conc: 492.66 ug/L

Instrument :
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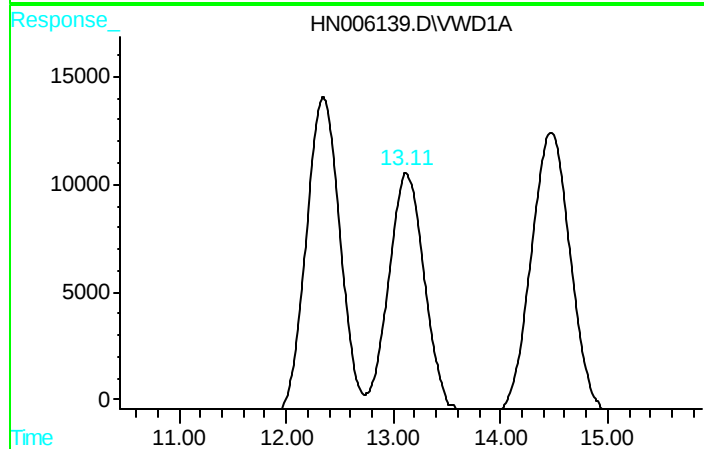
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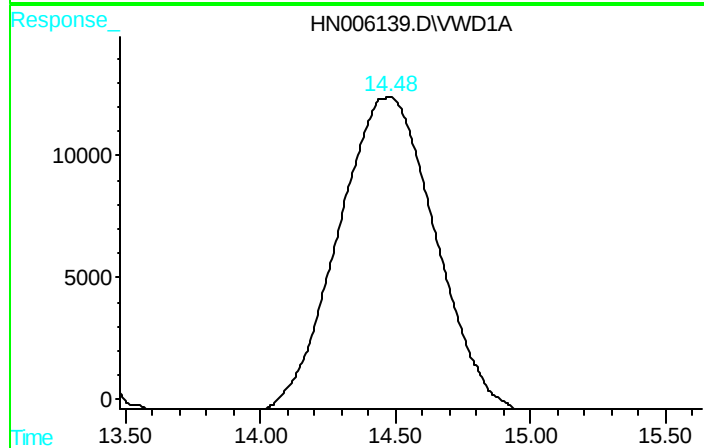
#14 2-Nitrotoluene

R.T.: 12.345 min
Delta R.T.: -0.013 min
Response: 3033420
Conc: 440.81 ug/L



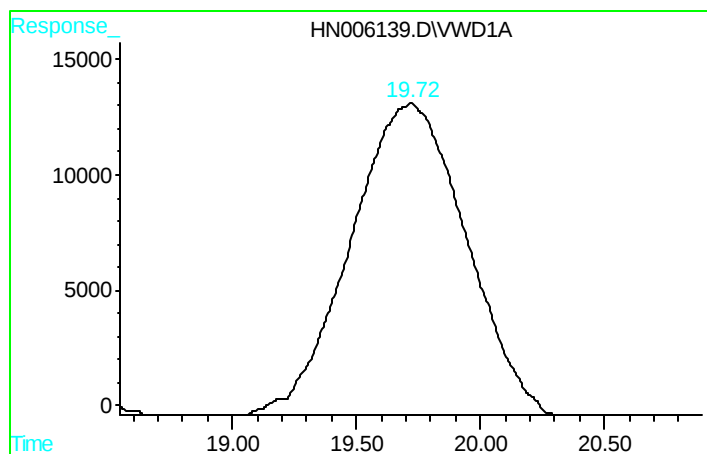
#15 4-Nitrotoluene

R.T.: 13.106 min
Delta R.T.: -0.040 min
Response: 2600041
Conc: 468.80 ug/L m



#16 3-Nitrotoluene

R.T.: 14.472 min
Delta R.T.: -0.023 min
Response: 3335942
Conc: 466.84 ug/L



#17 PETN

R.T.: 19.719 min
Delta R.T.: 0.008 min
Response: 4527511
Conc: 511.15 ug/L

Instrument :
HPLC_N
ClientSampleId :
ICVHN071714

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