

Data File : Z:\HPCHEM1\HPLC_N\DATA\HN110813\HN005687.D Vial: 4
 Acq On : 09-Nov-2013, 00:25 Operator: QM
 Sample : HSTDCCC500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Nov 11 12:18 2013 Quant Results File: HN110813.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC500

Manual Integrations
 APPROVED

QI
 11/11/2013 6:41:50 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	1910701	517.620 ug/L
Target Compounds			
2) T HMX	0.87	2013819	501.587 ug/L
3) T RDX	1.64	2667793	487.714 ug/L
4) T 1,3,5-Trinitrobenzene	2.63	5213286	501.415 ug/L
5) T 3,5-Dinitroaniline	3.47	8070898	500.440 ng/ml
6) T 1,3-Dinitrobenzene	3.80	6331330	498.854 ug/L
7) T Nitrobenzene	4.64	4976291	488.262 ug/L
8) T Tetryl	6.05	3665940	533.971 ug/L
9) T 2,4,6-Trinitrotoluene	6.39	5501713	484.365 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.81	5284315	484.273 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.14	3350790	571.397 ug/L
12) T 2,4-Dinitrotoluene	7.94	7482787	506.697 ug/L m
13) T 2,6-Dinitrotoluene	8.32	4102828	520.471 ug/L m
14) T 2-Nitrotoluene	11.41	3266484	510.559 ug/L
15) T 4-Nitrotoluene	12.15	2618059	485.549 ug/L
16) T 3-Nitrotoluene	13.38	3248664	473.676 ug/L
17) T PETN	18.46	4627315	534.374 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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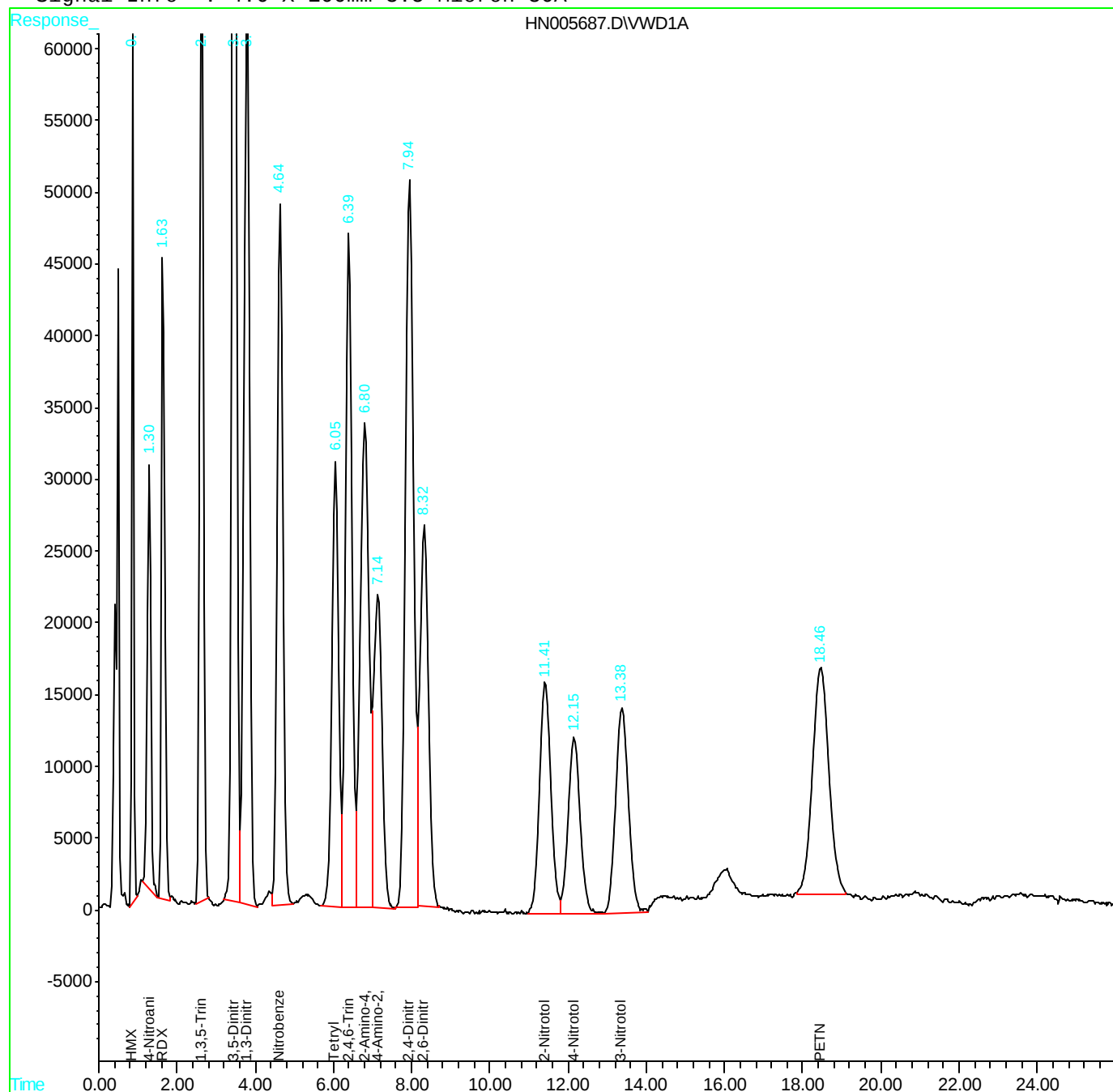
Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC500

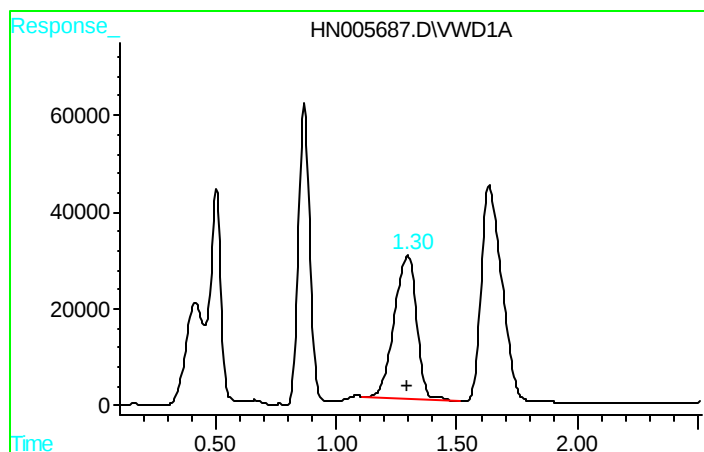
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Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN110813.M
 Title :
 Last Update : Mon Jul 22 14:51:19 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





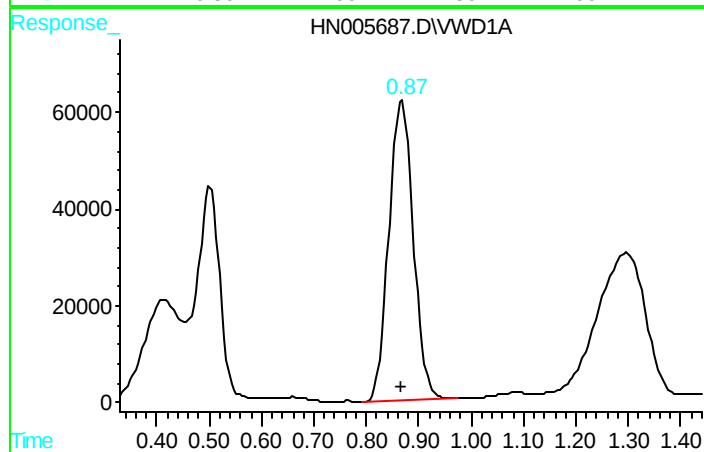
#1 4-Nitroaniline

R.T.: 1.297 min
Delta R.T.: 0.005 min
Response: 1910701
Conc: 517.62 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC500

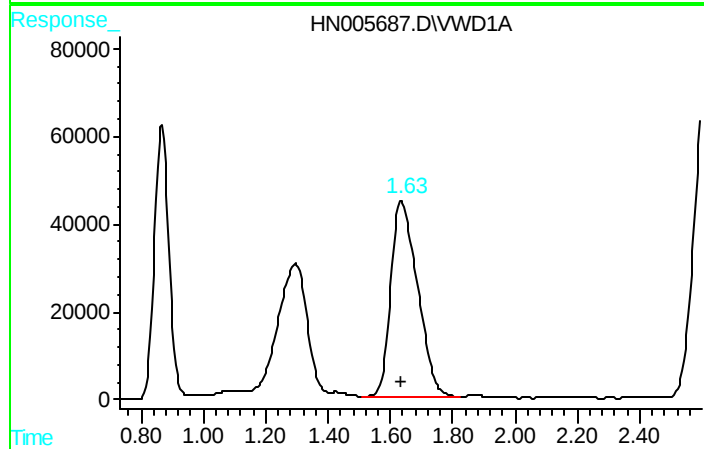
Manual Integrations
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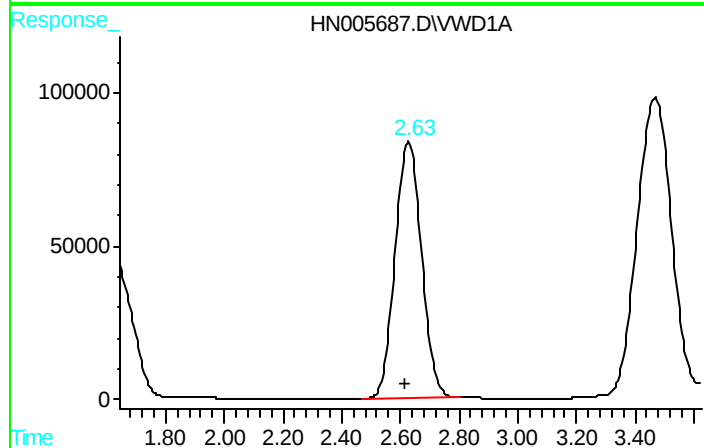
#2 HMX

R.T.: 0.868 min
Delta R.T.: 0.002 min
Response: 2013819
Conc: 501.59 ug/L



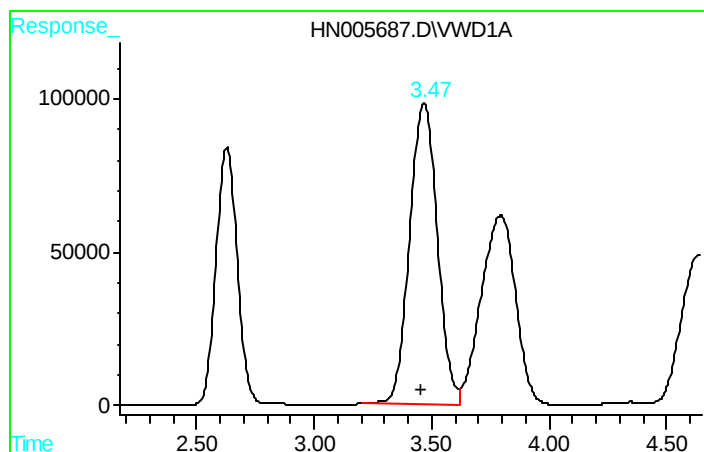
#3 RDX

R.T.: 1.636 min
Delta R.T.: 0.006 min
Response: 2667793
Conc: 487.71 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.629 min
Delta R.T.: 0.012 min
Response: 5213286
Conc: 501.42 ug/L



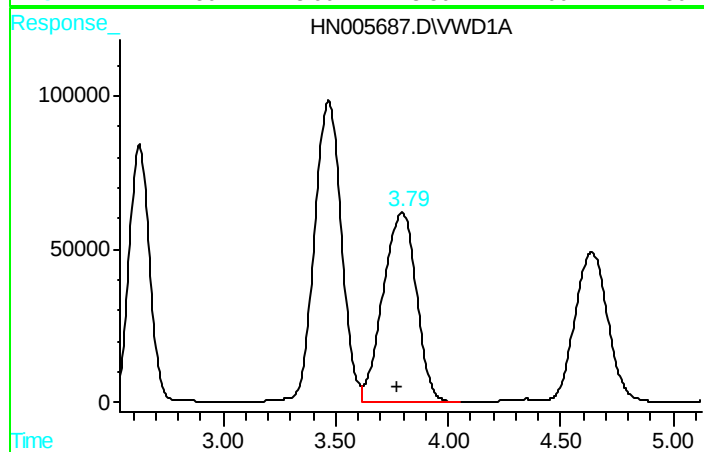
#5 3,5-Dinitroaniline

R.T.: 3.469 min
Delta R.T.: 0.018 min
Response: 8070898
Conc: 500.44 ng/ml

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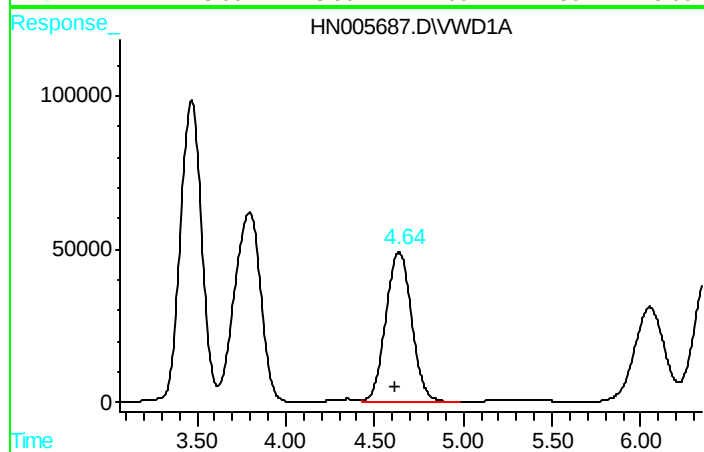
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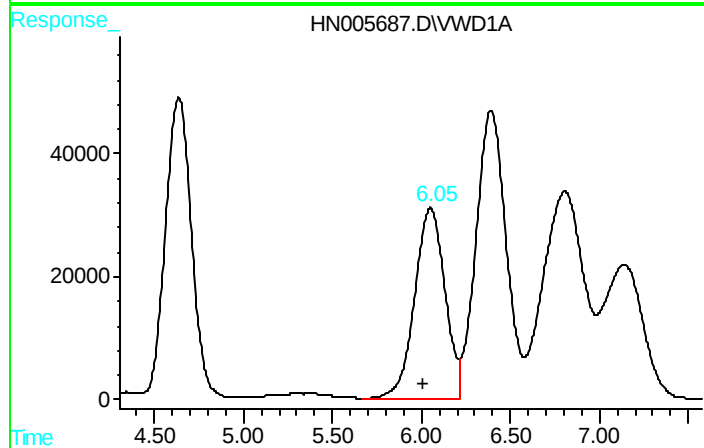
#6 1,3-Dinitrobenzene

R.T.: 3.796 min
Delta R.T.: 0.022 min
Response: 6331330
Conc: 498.85 ug/L



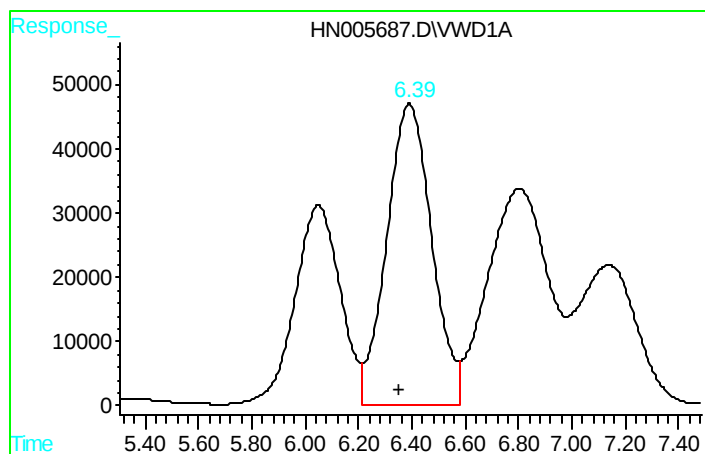
#7 Nitrobenzene

R.T.: 4.638 min
Delta R.T.: 0.023 min
Response: 4976291
Conc: 488.26 ug/L



#8 Tetryl

R.T.: 6.052 min
Delta R.T.: 0.043 min
Response: 3665940
Conc: 533.97 ug/L



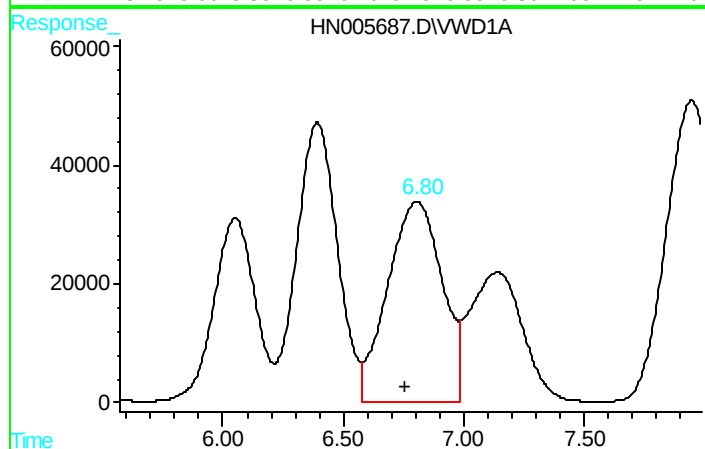
#9 2,4,6-Trinitrotoluene

R.T.: 6.392 min
Delta R.T.: 0.037 min
Response: 5501713
Conc: 484.36 ug/L

Instrument :
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HSTDCCC500

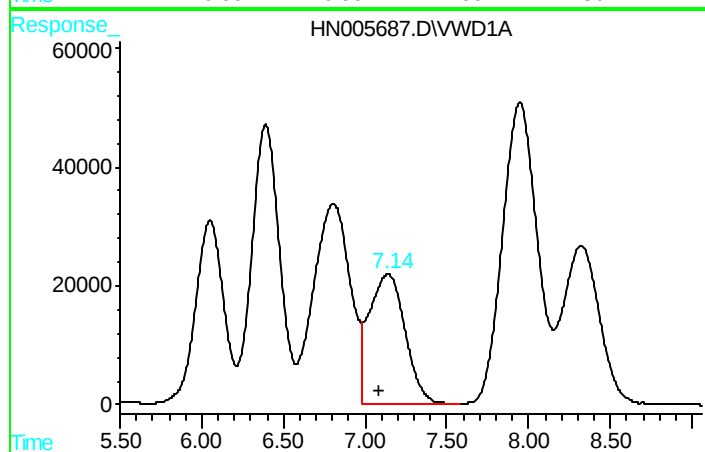
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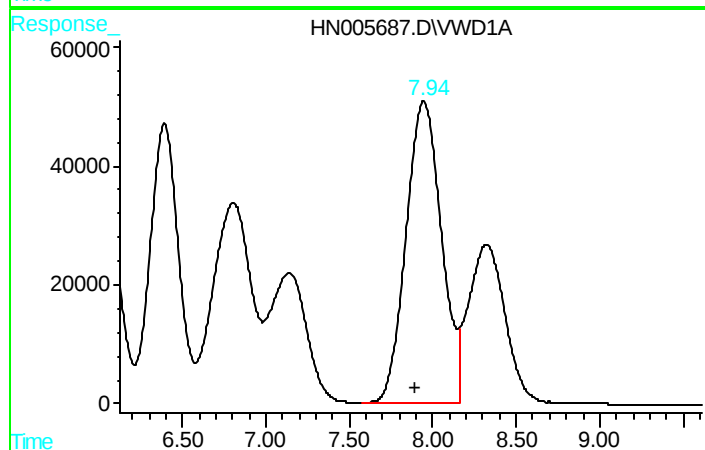
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.805 min
Delta R.T.: 0.046 min
Response: 5284315
Conc: 484.27 ug/L



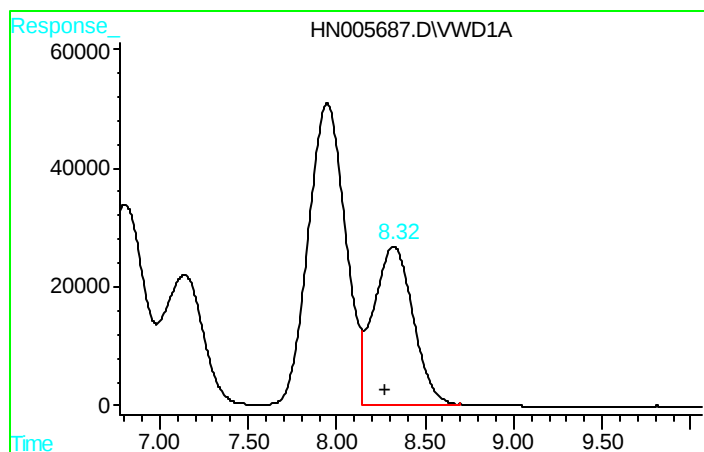
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.139 min
Delta R.T.: 0.051 min
Response: 3350790
Conc: 571.40 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.944 min
Delta R.T.: 0.045 min
Response: 7482787
Conc: 506.70 ug/L m



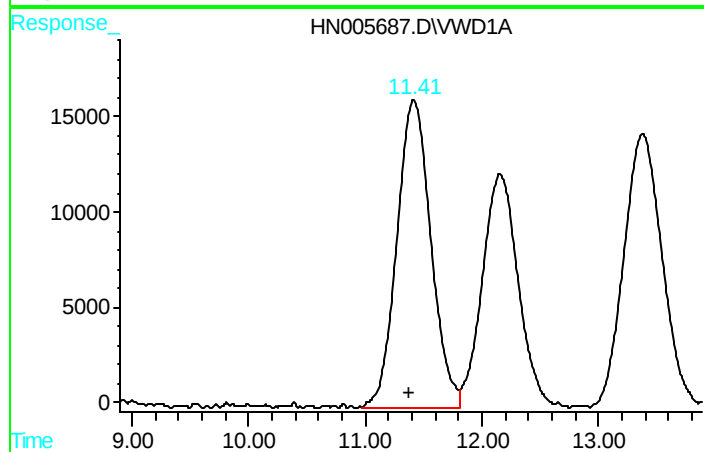
#13 2,6-Dinitrotoluene

R.T.: 8.320 min
Delta R.T.: 0.047 min
Response: 4102828
Conc: 520.47 ug/L m

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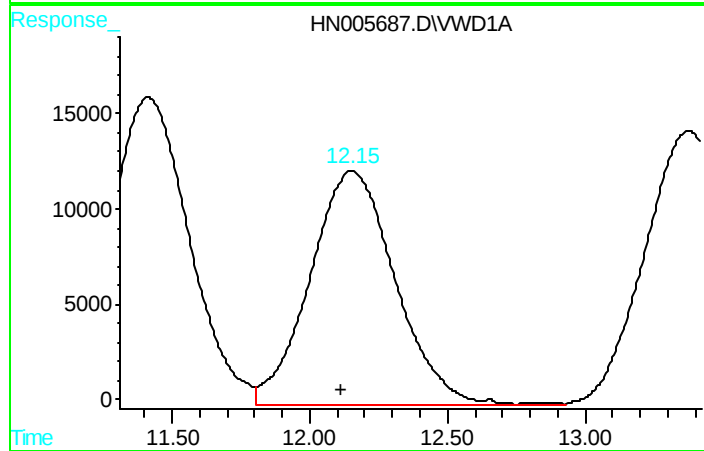
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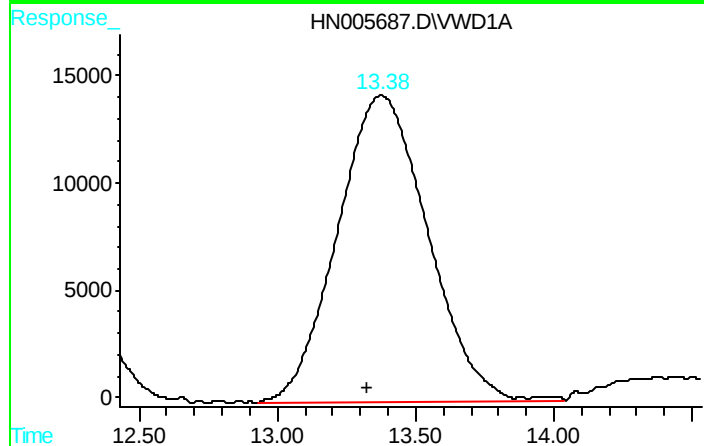
#14 2-Nitrotoluene

R.T.: 11.413 min
Delta R.T.: 0.046 min
Response: 3266484
Conc: 510.56 ug/L



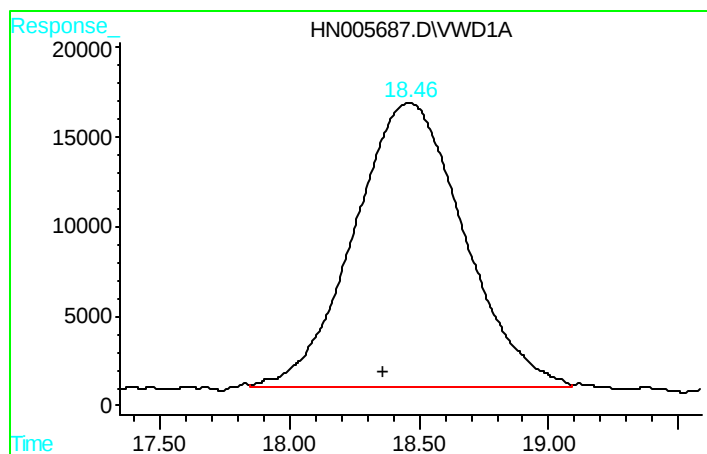
#15 4-Nitrotoluene

R.T.: 12.154 min
Delta R.T.: 0.043 min
Response: 2618059
Conc: 485.55 ug/L



#16 3-Nitrotoluene

R.T.: 13.377 min
Delta R.T.: 0.052 min
Response: 3248664
Conc: 473.68 ug/L



#17 PETN

R.T.: 18.461 min
Delta R.T.: 0.102 min
Response: 4627315
Conc: 534.37 ug/L m

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HPLC_N

LabSampleId :

HSTDCCC500

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