

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006960.D\VWD1A.CH Vial: 74
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006960.D\VWD1A.CH
 Acq On : 02-Nov-2014, 03:25 Operator: TP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:52 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 11/14/2014 8:50:34 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Title :
 Last Update : Sat Nov 01 07:07:53 2014
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.30	1635019	449.767 ug/L m
Target Compounds			
2) T HMX	0.87	2239070	513.518 ug/L
3) T RDX	1.69	2636004	515.309 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	5304763	518.237 ug/L
5) T 1,3-Dinitrobenzene	3.53	8213462	519.769 ng/ml
6) T 3,5-Dinitroaniline	3.90	5857688	522.351 ug/L
7) T Nitrobenzene	4.77	4914689	515.975 ug/L
8) T Tetryl	6.29	2524408	512.454 ug/L m
9) T 2,4,6-Trinitrotoluene	6.54	5728843	564.967 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.09	5545665	495.491 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.45	3260323	574.550 ug/L m
12) T 2,4-Dinitrotoluene	8.21	7535381	508.114 ug/L m
13) T 2,6-Dinitrotoluene	8.61	4032421	502.957 ug/L m
14) T 2-Nitrotoluene	11.93	3155712	498.617 ug/L m
15) T 4-Nitrotoluene	12.69	2670754	525.039 ug/L m
16) T 3-Nitrotoluene	13.99	3374622	498.742 ug/L m
17) T PETN	19.11	3964732	472.590 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.

HN006960.D HN103114.M Sat Nov 08 04:53:54 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006960.D\VWD1A.CH Vial: 74
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006960.D\VWD1A.CH
Acq On : 02-Nov-2014, 03:25 Operator: TP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:52 2014 Quant Results File: HN103114.RES

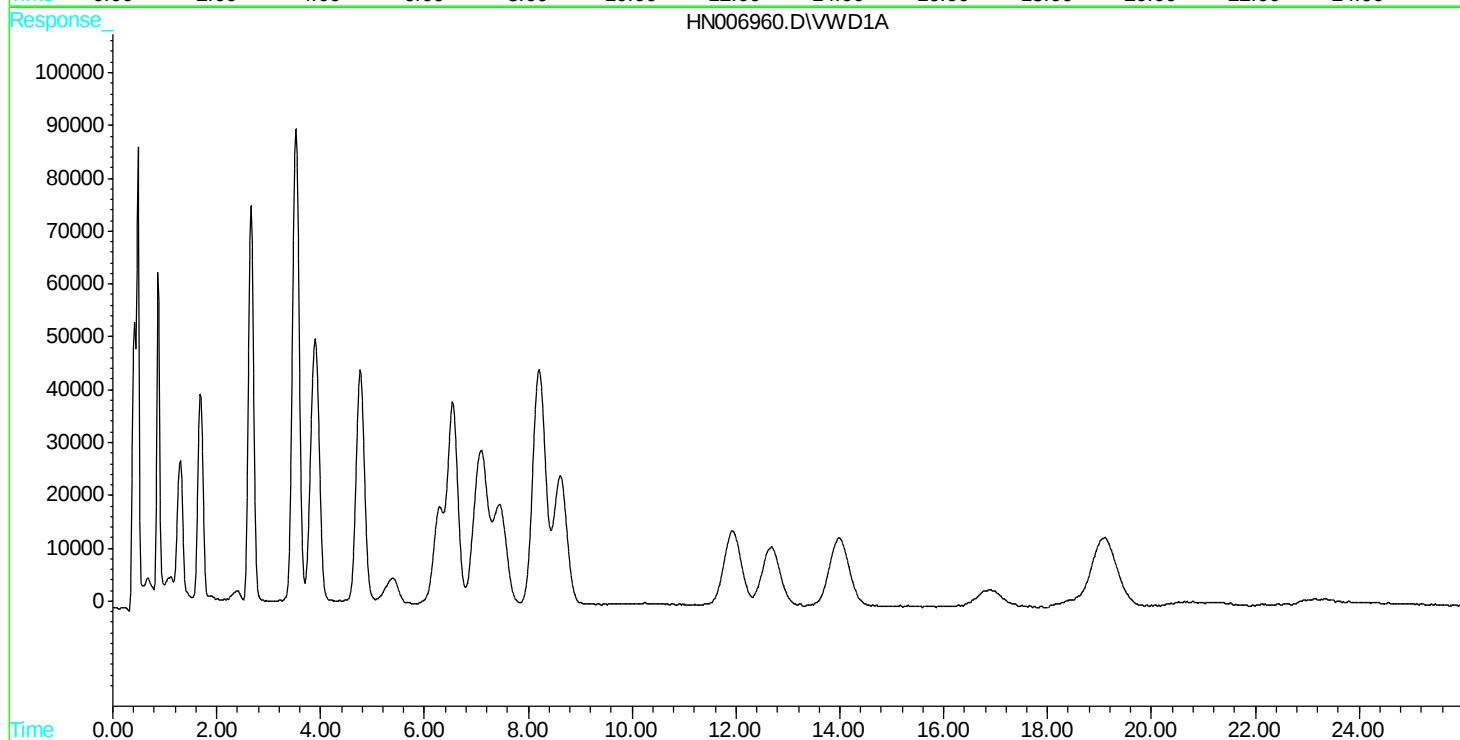
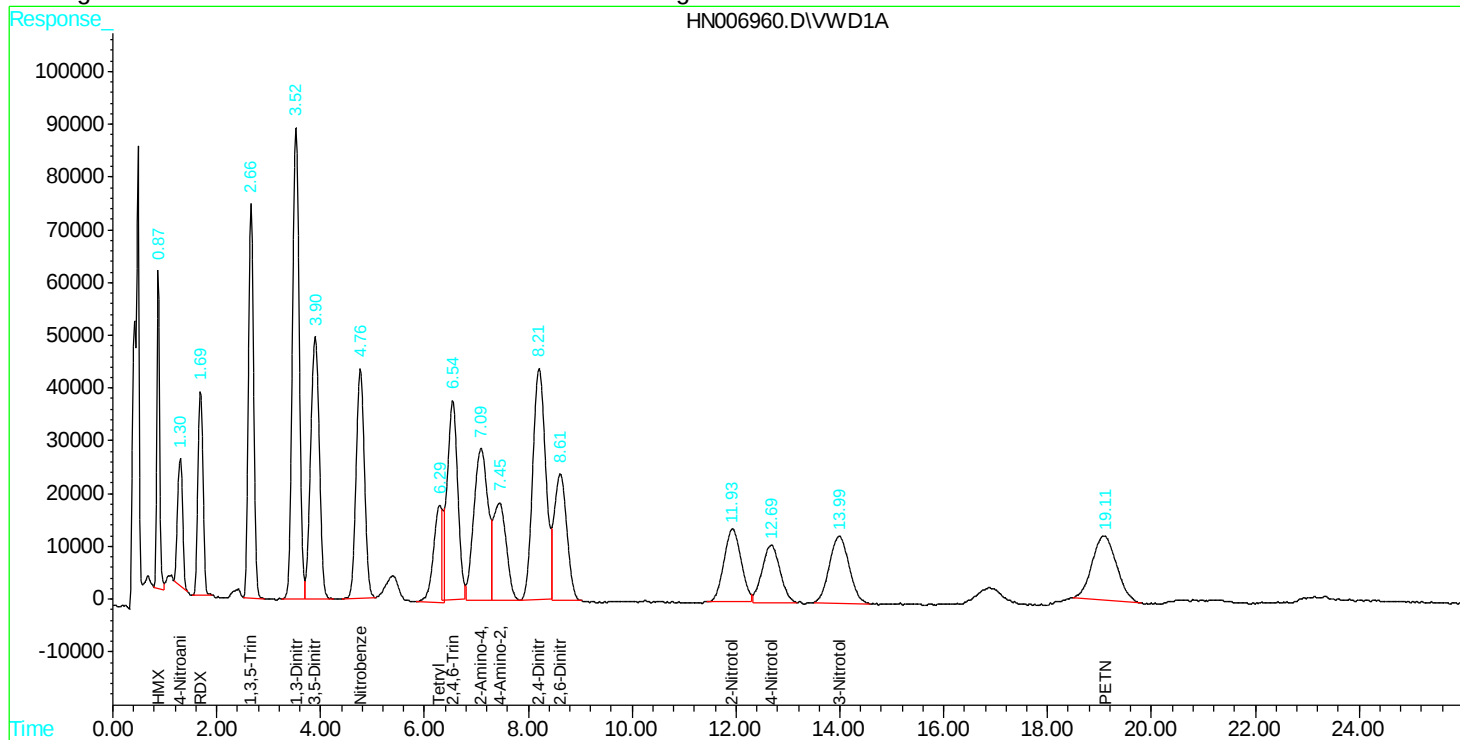
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

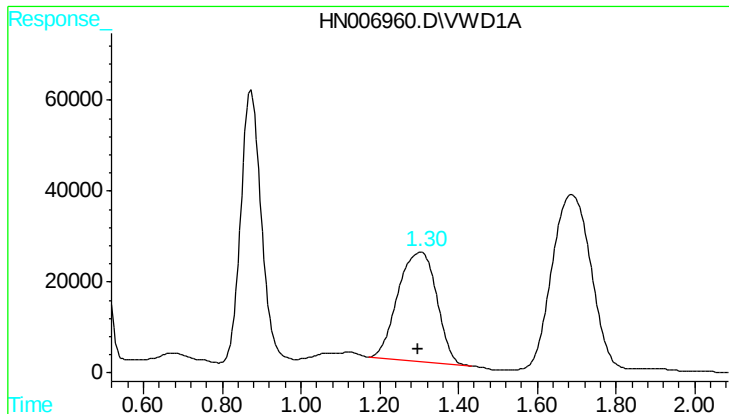
Manual Integrations
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11/14/2014 8:50:34 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





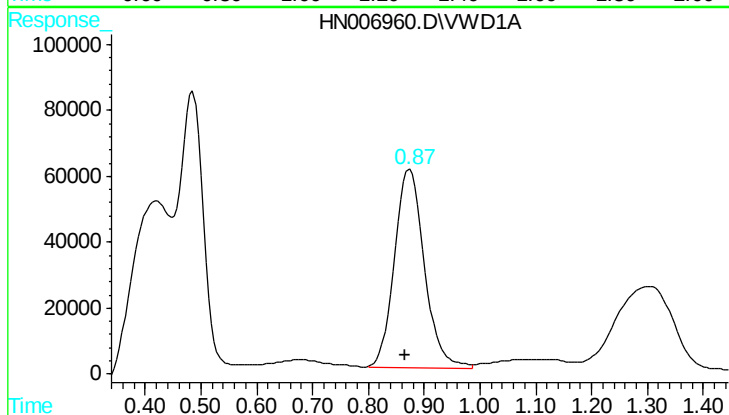
#1 4-Nitroaniline

R.T.: 1.303 min
 Delta R.T.: 0.007 min
 Response: 1635019
 Conc: 449.77 ug/L

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

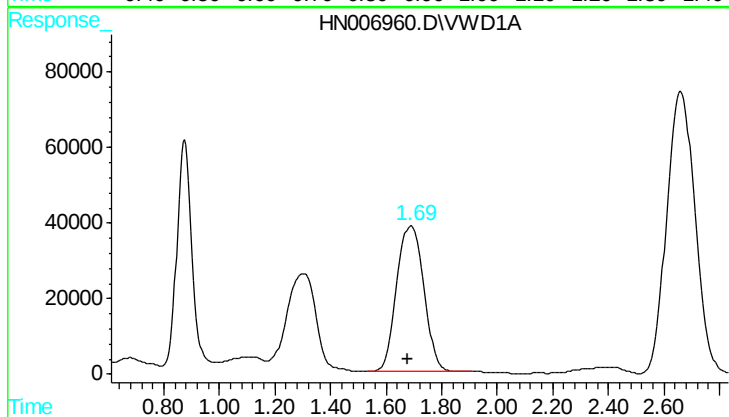
Manual Integrations
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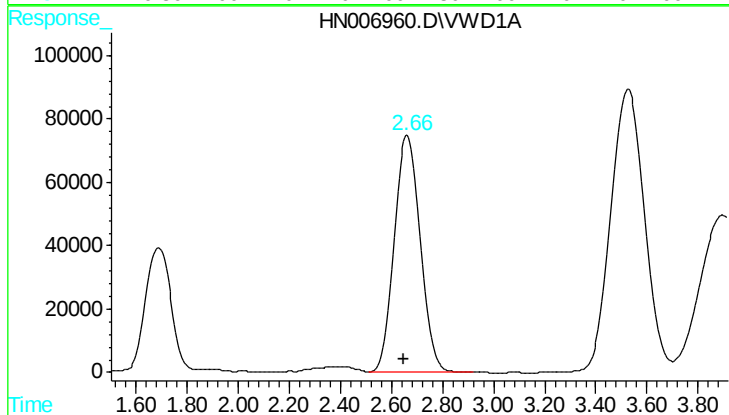
#2 HMX

R.T.: 0.874 min
 Delta R.T.: 0.009 min
 Response: 2239070
 Conc: 513.52 ug/L



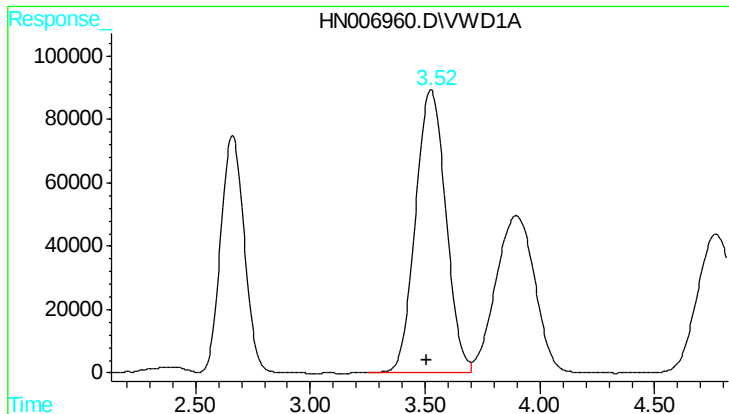
#3 RDX

R.T.: 1.688 min
 Delta R.T.: 0.010 min
 Response: 2636004
 Conc: 515.31 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.661 min
 Delta R.T.: 0.014 min
 Response: 5304763
 Conc: 518.24 ug/L



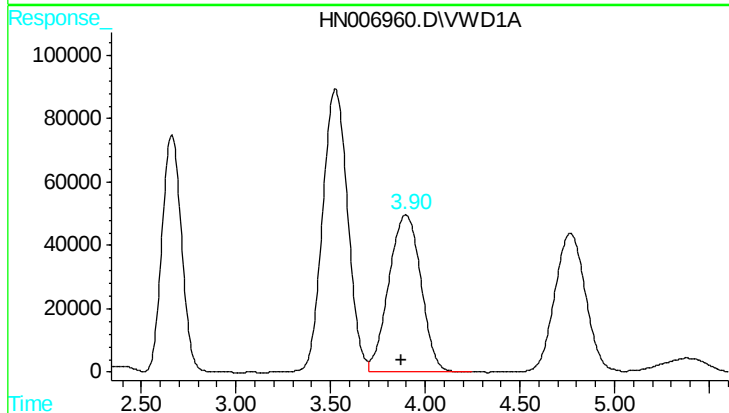
#5 1,3-Dinitrobenzene

R.T.: 3.526 min
Delta R.T.: 0.020 min
Response: 8213462
Conc: 519.77 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

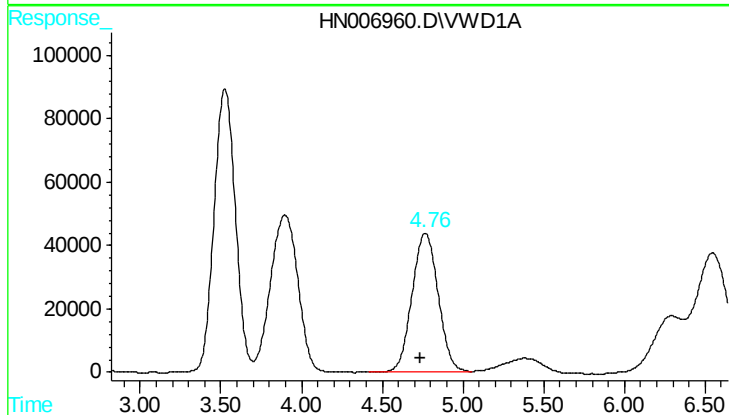
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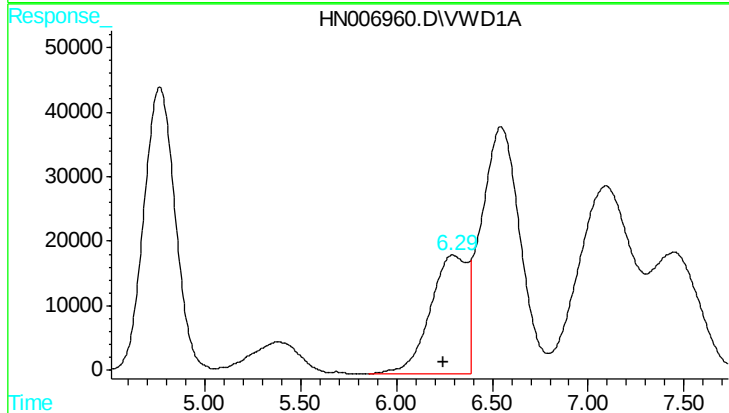
#6 3,5-Dinitroaniline

R.T.: 3.898 min
Delta R.T.: 0.025 min
Response: 5857688
Conc: 522.35 ug/L



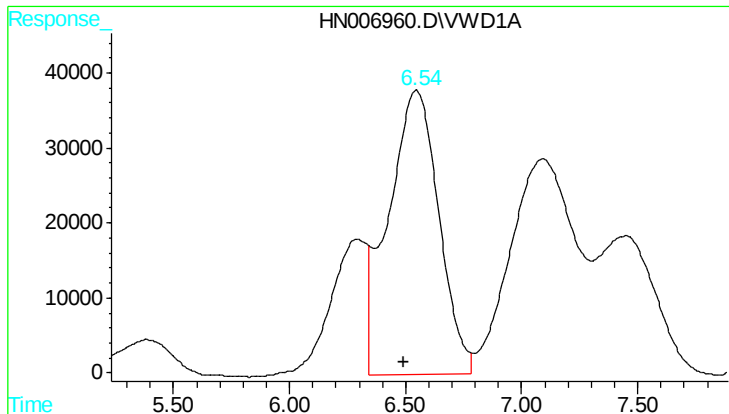
#7 Nitrobenzene

R.T.: 4.767 min
Delta R.T.: 0.030 min
Response: 4914689
Conc: 515.97 ug/L



#8 Tetryl

R.T.: 6.288 min
Delta R.T.: 0.044 min
Response: 2524408
Conc: 512.45 ug/L m



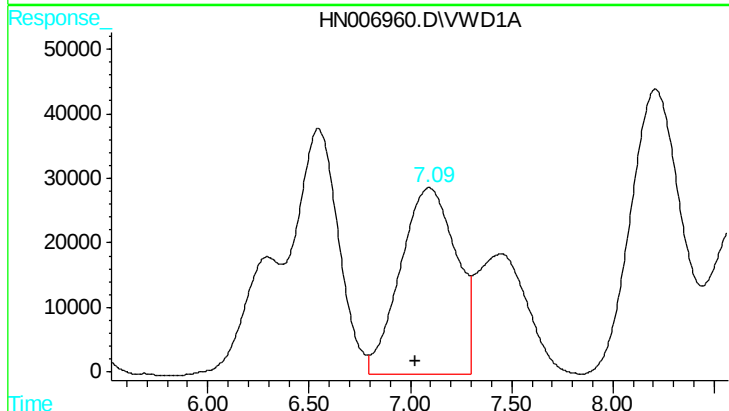
#9 2,4,6-Trinitrotoluene

R.T.: 6.543 min
Delta R.T.: 0.048 min
Response: 5728843
Conc: 564.97 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

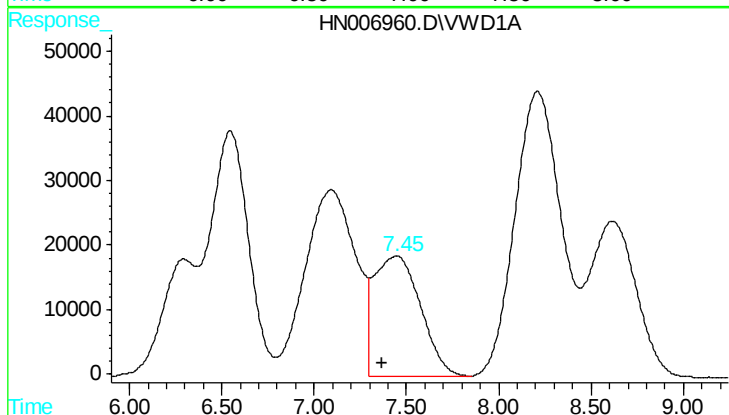
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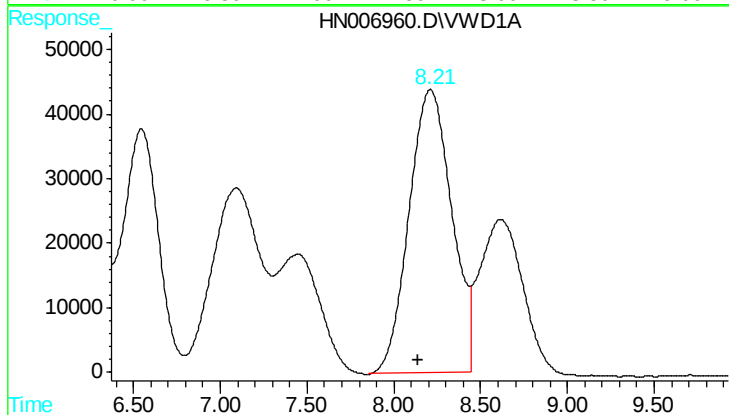
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.092 min
Delta R.T.: 0.065 min
Response: 5545665
Conc: 495.49 ug/L



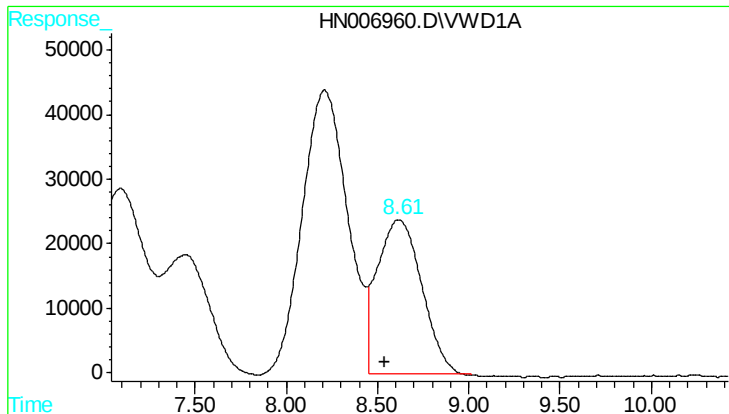
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.451 min
Delta R.T.: 0.082 min
Response: 3260323
Conc: 574.55 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.207 min
Delta R.T.: 0.068 min
Response: 7535381
Conc: 508.11 ug/L m



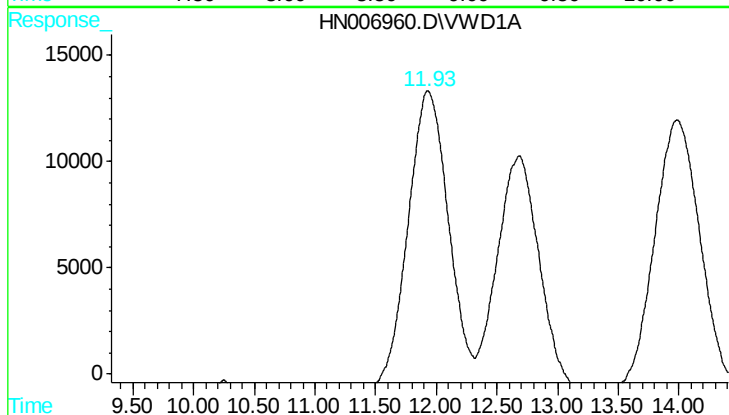
#13 2,6-Dinitrotoluene

R.T.: 8.613 min
Delta R.T.: 0.072 min
Response: 4032421
Conc: 502.96 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

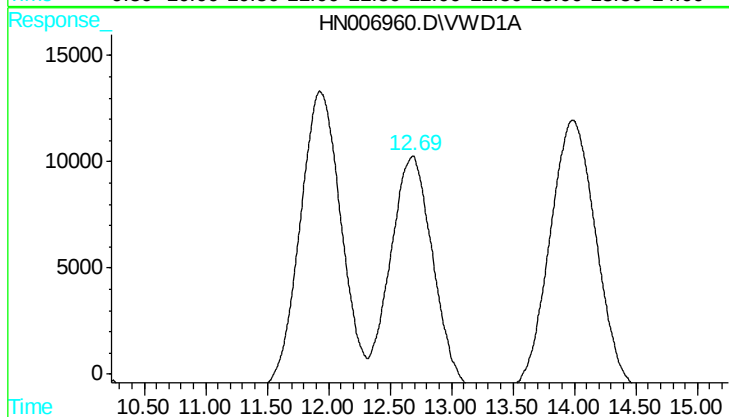
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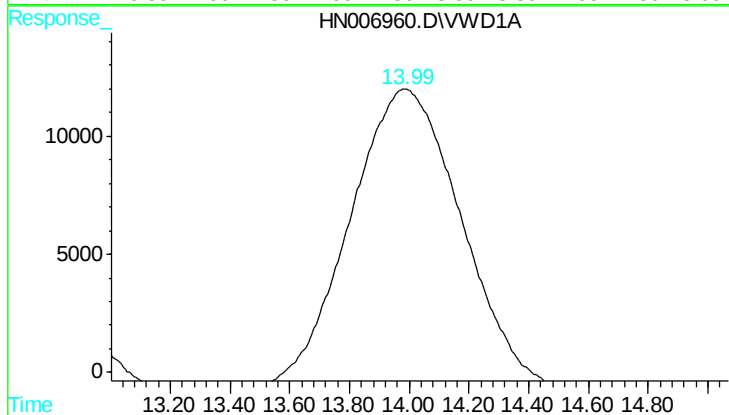
#14 2-Nitrotoluene

R.T.: 11.928 min
Delta R.T.: 0.132 min
Response: 3155712
Conc: 498.62 ug/L m



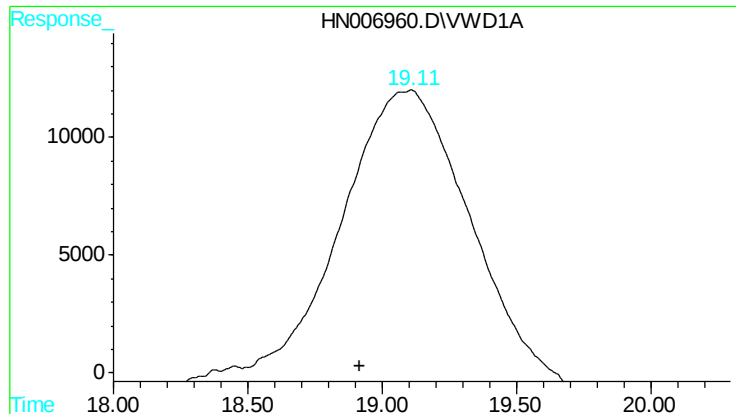
#15 4-Nitrotoluene

R.T.: 12.686 min
Delta R.T.: 0.163 min
Response: 2670754
Conc: 525.04 ug/L m



#16 3-Nitrotoluene

R.T.: 13.986 min
Delta R.T.: 0.158 min
Response: 3374622
Conc: 498.74 ug/L m



#17 PETN

R.T.: 19.107 min
Delta R.T.: 0.192 min
Response: 3964732
Conc: 472.59 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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