

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006893.D\VWD1A.CH Vial: 77
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006893.D\VWD1A.CH
 Acq On : 31-Oct-2014, 16:26 Operator: TP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 31 18:00 2014 Quant Results File: HN102914.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

ugo
 11/14/2014 10:30:07 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN102914.M
 Title :
 Last Update : Wed Oct 01 04:09:40 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	1.29	1901727	602.318 ug/L
Target Compounds			
2) T HMX	0.87	2099983	531.244 ug/L
3) T RDX	1.67	2572553	543.493 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	5217499	561.220 ug/L
5) T 1,3-Dinitrobenzene	3.50	8020443	545.008 ng/ml
6) T 3,5-Dinitroaniline	3.87	5728199	553.040 ug/L
7) T Nitrobenzene	4.73	4812564	535.108 ug/L
8) T Tetryl	6.24	2153138	513.299 ug/L
9) T 2,4,6-Trinitrotoluene	6.49	4961691	558.506 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.02	5370702	543.934 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.37	3295020	575.485 ug/L
12) T 2,4-Dinitrotoluene	8.13	7246434	531.447 ug/L m
13) T 2,6-Dinitrotoluene	8.53	4508495	602.191 ug/L m
14) T 2-Nitrotoluene	11.79	2966980	525.391 ug/L m
15) T 4-Nitrotoluene	12.52	2539132	543.745 ug/L m
16) T 3-Nitrotoluene	13.81	3264306	540.972 ug/L m
17) T PETN	18.90	4286972	649.051 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.

HN006893.D HN102914.M Sat Nov 08 04:35:04 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006893.D\VWD1A.CH Vial: 77
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006893.D\VWD1A.CH
Acq On : 31-Oct-2014, 16:26 Operator: TP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 31 18:00 2014 Quant Results File: HN102914.RES

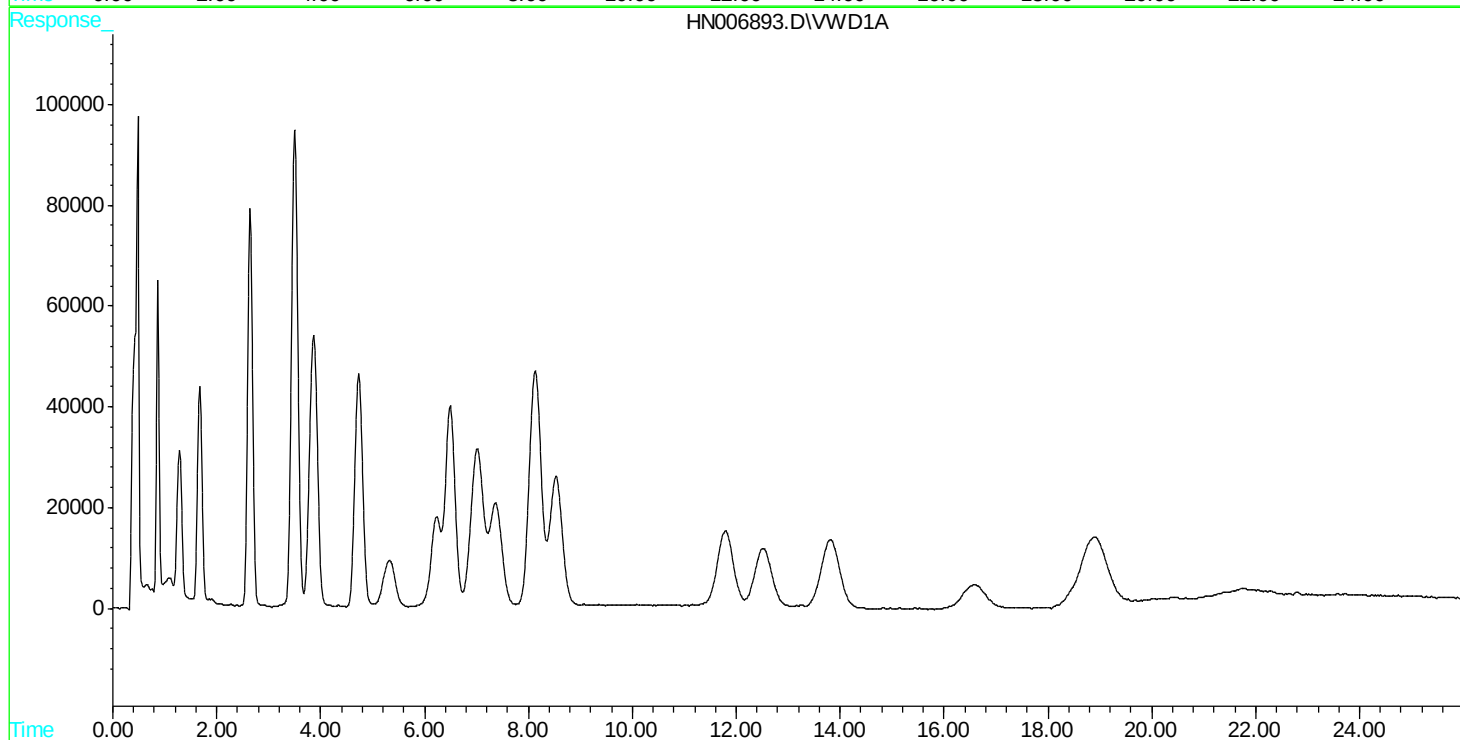
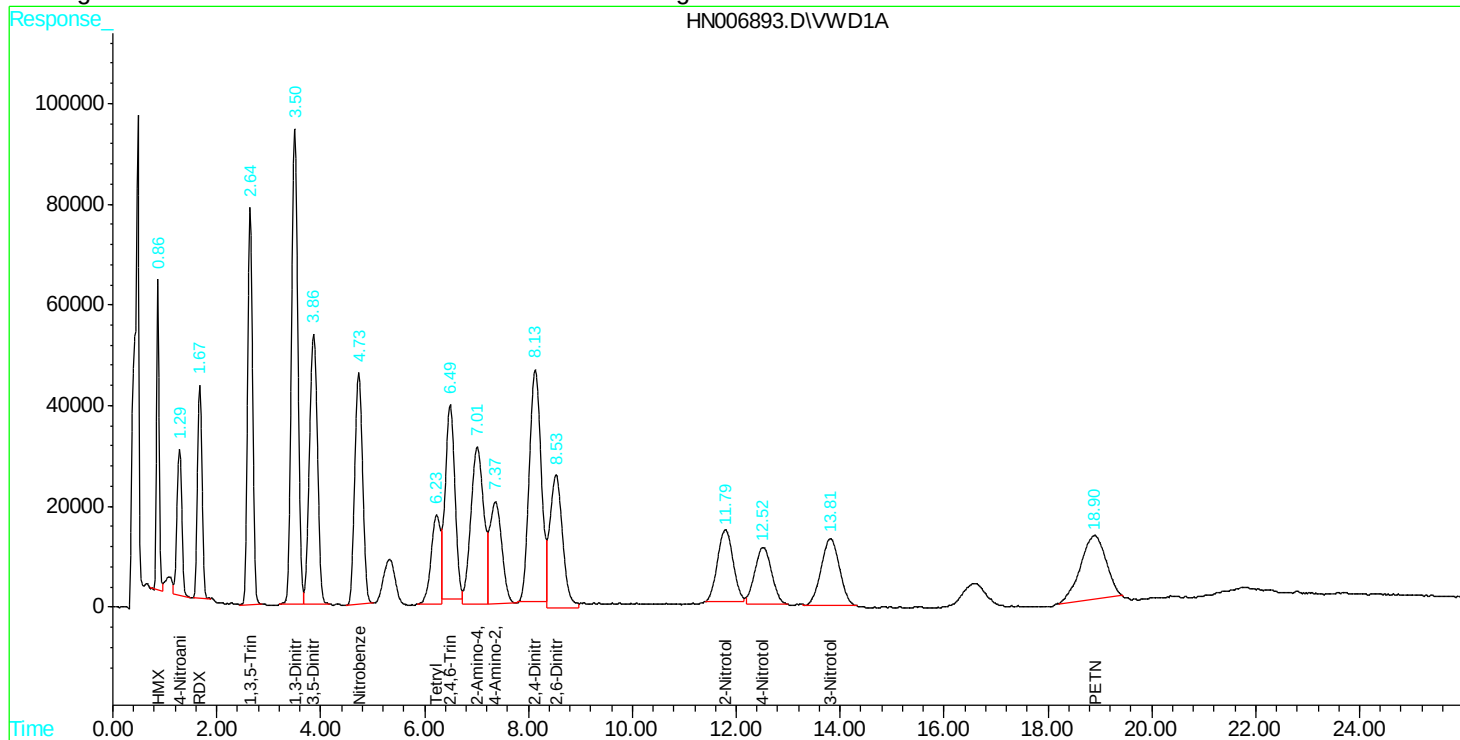
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

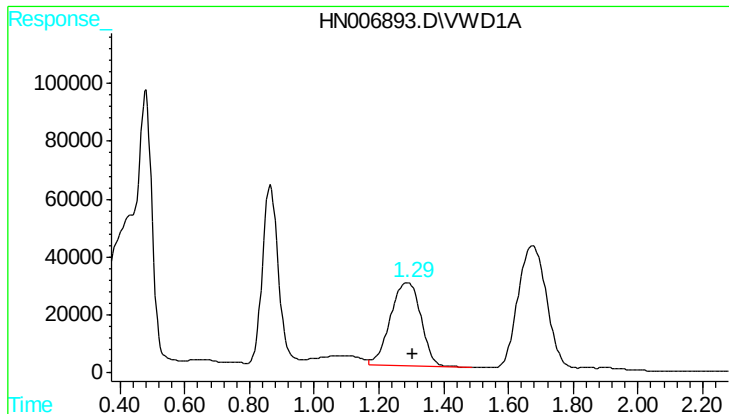
Manual Integrations
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11/14/2014 10:30:07 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN102914.M
Title :
Last Update : Wed Oct 01 04:09:40 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 :





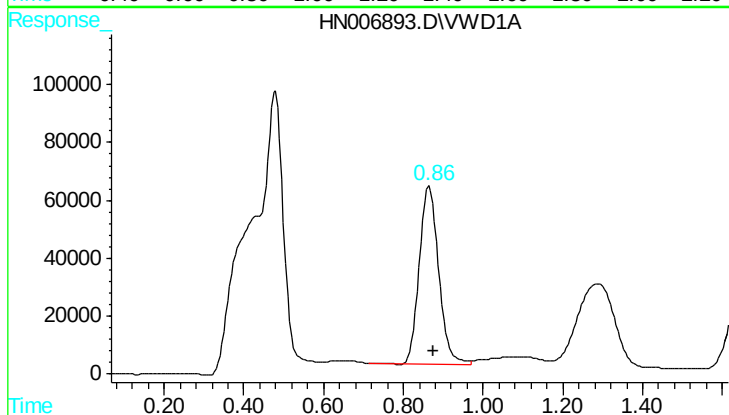
#1 4-Nitroaniline

R.T.: 1.288 min
Delta R.T.: -0.016 min
Response: 1901727
Conc: 602.32 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

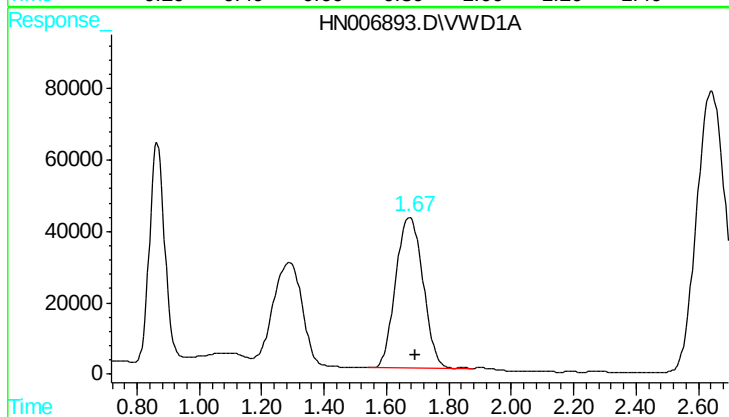
Manual Integrations
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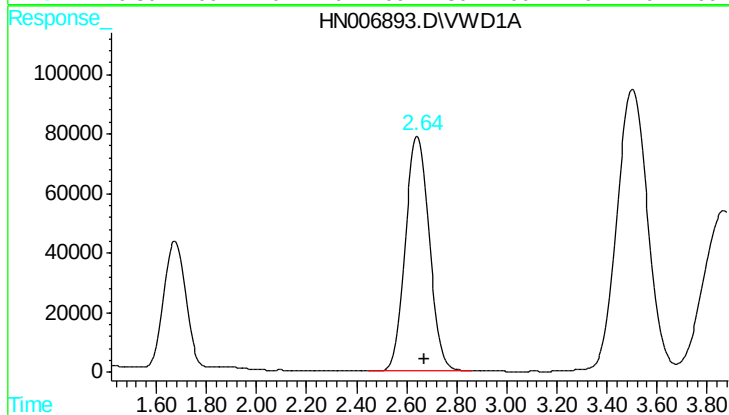
#2 HMX

R.T.: 0.865 min
Delta R.T.: -0.010 min
Response: 2099983
Conc: 531.24 ug/L



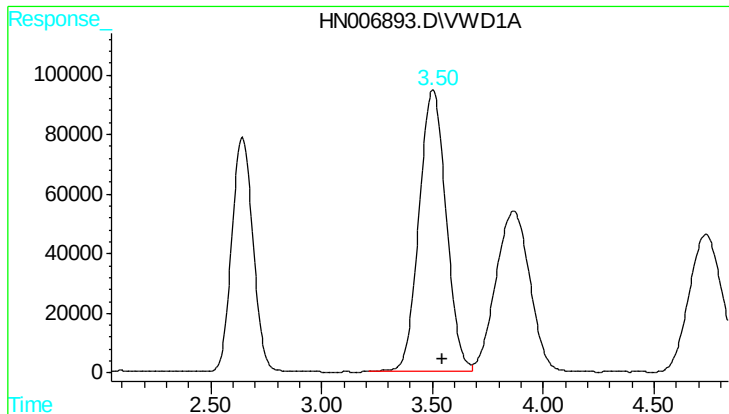
#3 RDX

R.T.: 1.675 min
Delta R.T.: -0.020 min
Response: 2572553
Conc: 543.49 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.643 min
Delta R.T.: -0.030 min
Response: 5217499
Conc: 561.22 ug/L



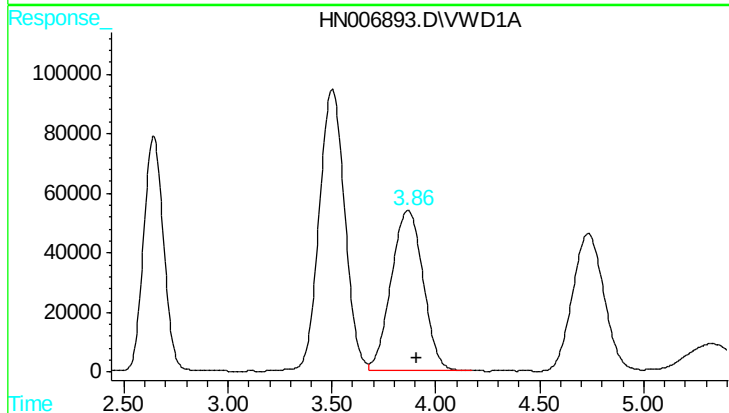
#5 1,3-Dinitrobenzene

R.T.: 3.502 min
Delta R.T.: -0.041 min
Response: 8020443
Conc: 545.01 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

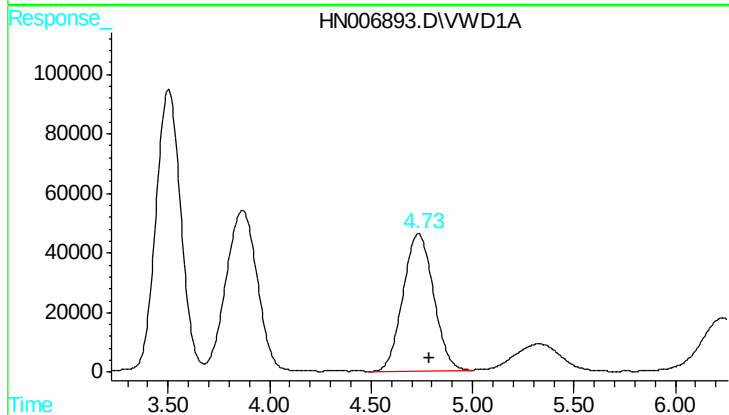
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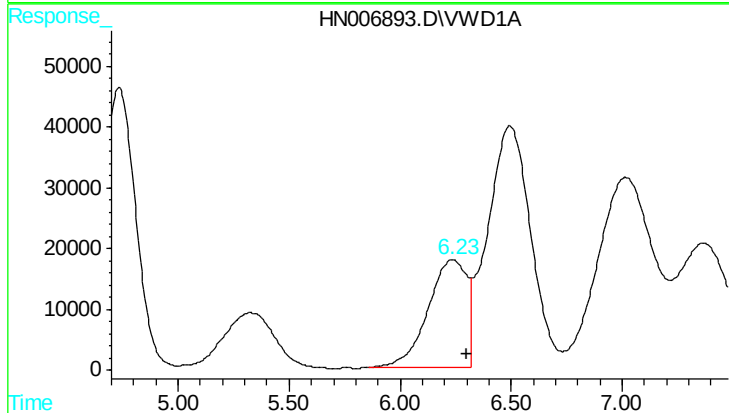
#6 3,5-Dinitroaniline

R.T.: 3.866 min
Delta R.T.: -0.040 min
Response: 5728199
Conc: 553.04 ug/L



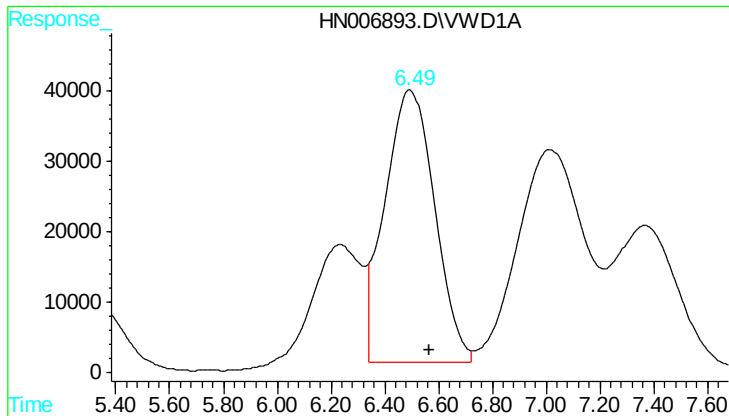
#7 Nitrobenzene

R.T.: 4.734 min
Delta R.T.: -0.052 min
Response: 4812564
Conc: 535.11 ug/L



#8 Tetryl

R.T.: 6.236 min
Delta R.T.: -0.066 min
Response: 2153138
Conc: 513.30 ug/L



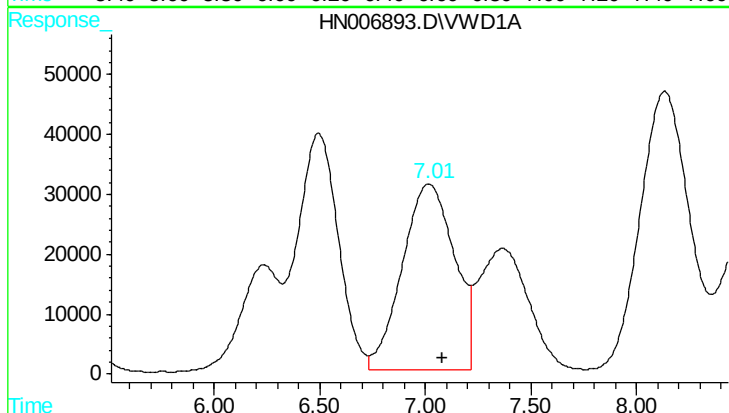
#9 2,4,6-Trinitrotoluene

R.T.: 6.492 min
Delta R.T.: -0.076 min
Response: 4961691
Conc: 558.51 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

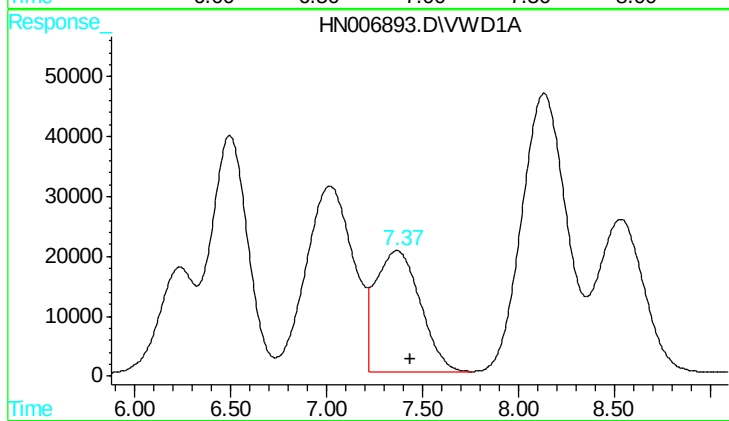
Manual Integrations
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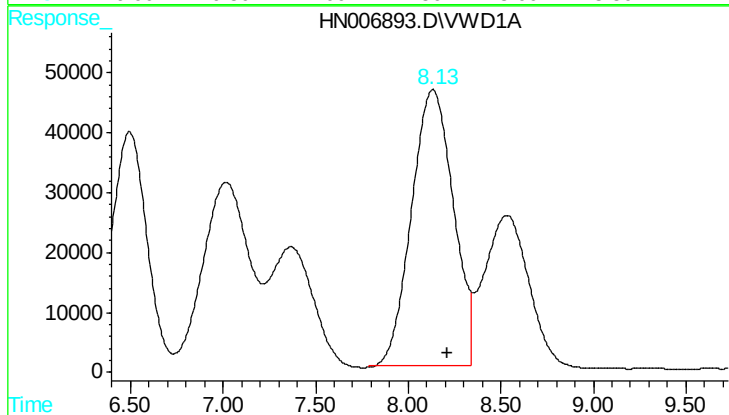
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.016 min
Delta R.T.: -0.066 min
Response: 5370702
Conc: 543.93 ug/L



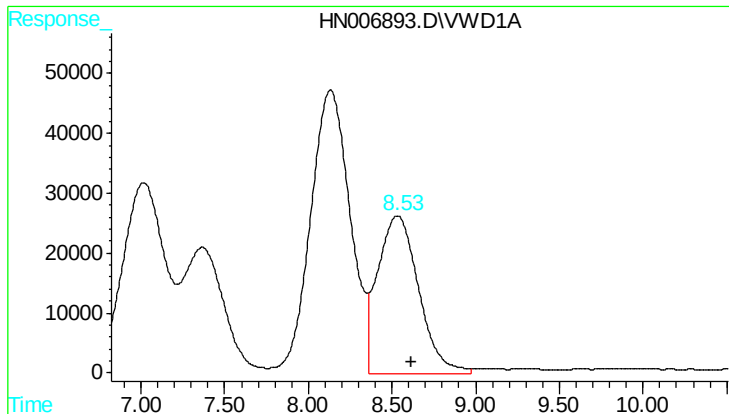
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.367 min
Delta R.T.: -0.066 min
Response: 3295020
Conc: 575.49 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.131 min
Delta R.T.: -0.083 min
Response: 7246434
Conc: 531.45 ug/L m



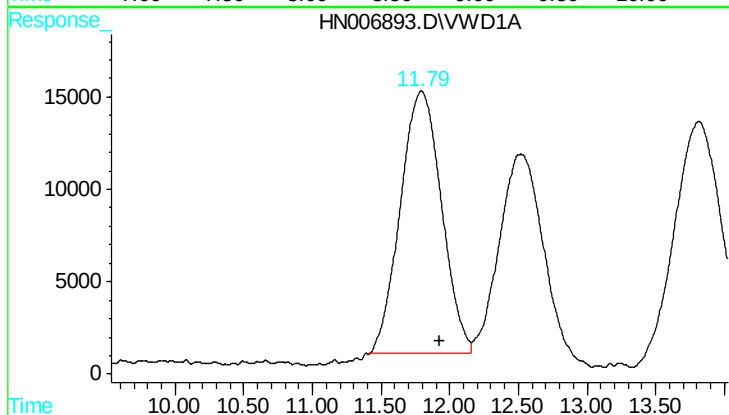
#13 2,6-Dinitrotoluene

R.T.: 8.531 min
Delta R.T.: -0.089 min
Response: 4508495
Conc: 602.19 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

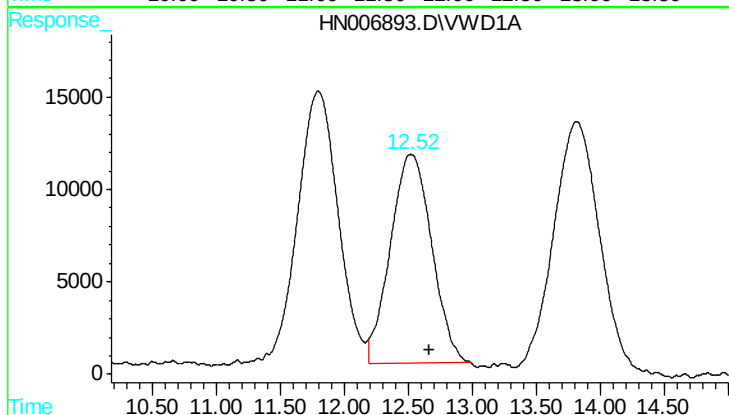
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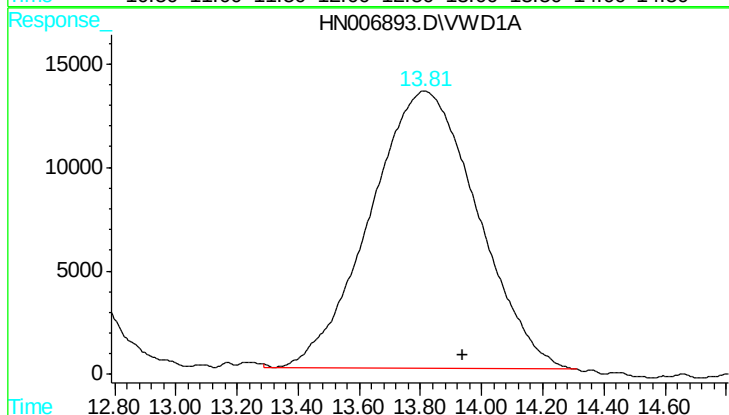
#14 2-Nitrotoluene

R.T.: 11.791 min
Delta R.T.: -0.134 min
Response: 2966980
Conc: 525.39 ug/L m



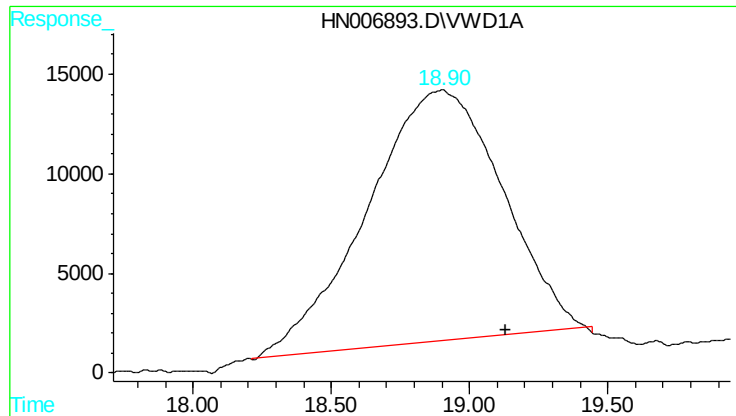
#15 4-Nitrotoluene

R.T.: 12.518 min
Delta R.T.: -0.142 min
Response: 2539132
Conc: 543.74 ug/L m



#16 3-Nitrotoluene

R.T.: 13.810 min
Delta R.T.: -0.131 min
Response: 3264306
Conc: 540.97 ug/L m



#17 PETN

R.T.: 18.899 min
Delta R.T.: -0.230 min
Response: 4286972
Conc: 649.05 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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