

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006300.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006300.D\VWD1A.CH
 Acq On : 15-Oct-2014, 11:08 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 15 12:49 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:19:11 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 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	1.31	1911449	480.925 ug/L m
Target Compounds			
2) T HMX	0.87	2156994	445.991 ug/L m
3) T RDX	1.70	2650373	483.420 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5385055	502.128 ug/L
5) T 1,3-Dinitrobenzene	3.55	8130373	496.534 ng/ml
6) T 3,5-Dinitroaniline	3.90	5811217	498.696 ug/L m
7) T Nitrobenzene	4.79	4998036	498.758 ug/L m
8) T Tetryl	6.31	3584622	562.190 ug/L m
9) T 2,4,6-Trinitrotoluene	6.59	5453013	507.869 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.09	5566908	480.761 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.44	3326692	545.078 ug/L m
12) T 2,4-Dinitrotoluene	8.24	7451360	483.936 ug/L m
13) T 2,6-Dinitrotoluene	8.65	4368667	515.435 ug/L m
14) T 2-Nitrotoluene	11.99	3140432	468.911 ug/L m
15) T 4-Nitrotoluene	12.75	2515848	459.596 ug/L m
16) T 3-Nitrotoluene	14.06	3416251	490.719 ug/L m
17) T PETN	19.22	4420103	537.049 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.

HN006300.D HN100214.M Fri Oct 17 17:26:57 2014

RPT1

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006300.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006300.D\VWD1A.CH
 Acq On : 15-Oct-2014, 11:08 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 15 12:49 2014 Quant Results File: HN100214.RES

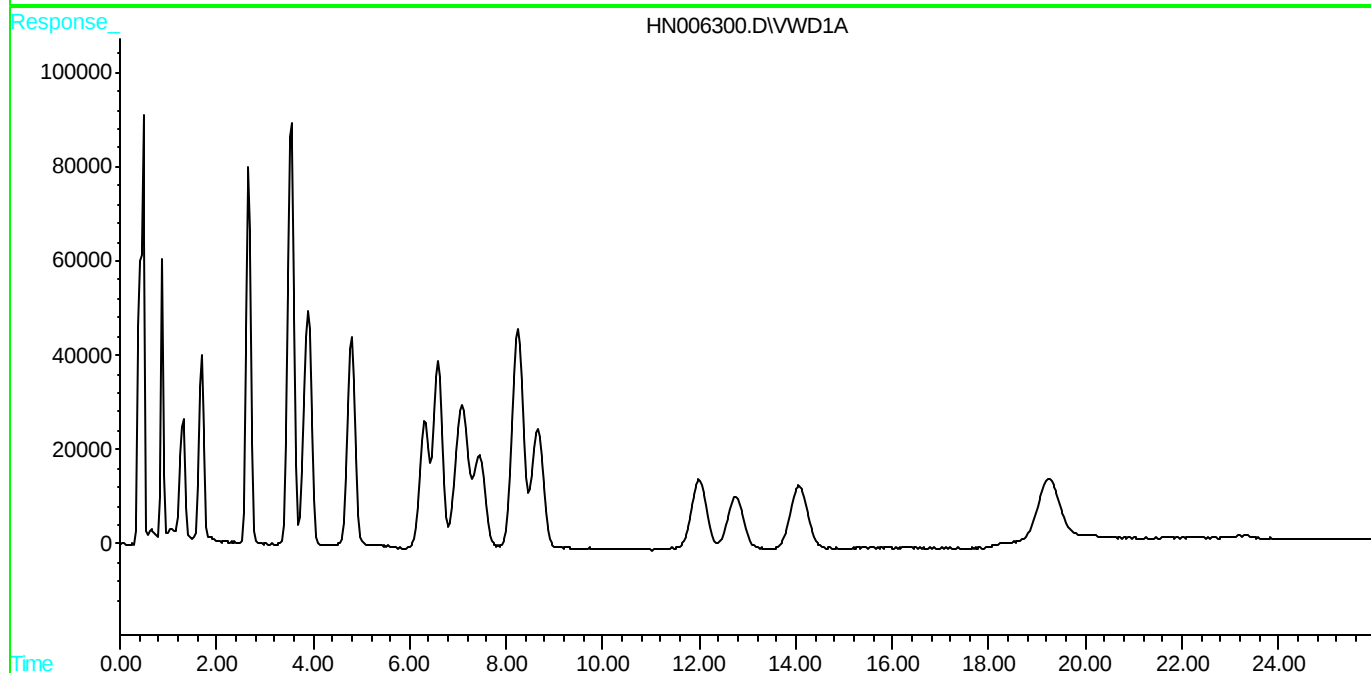
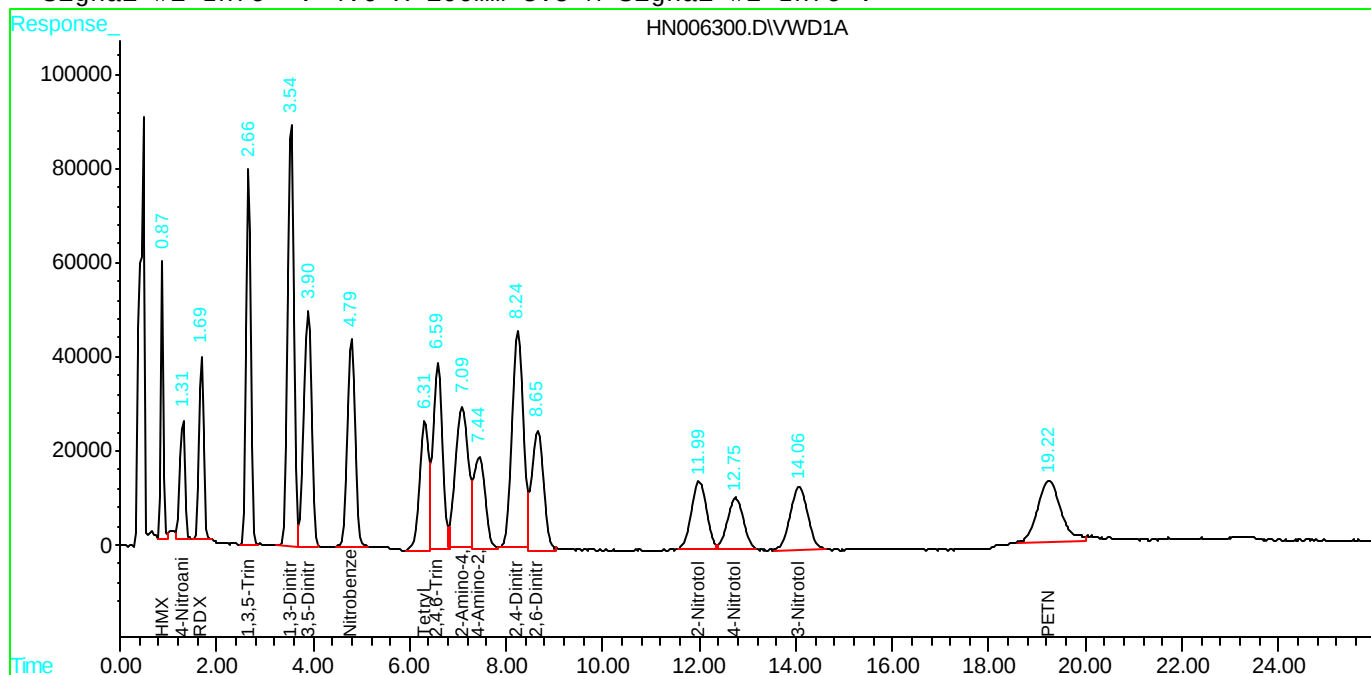
Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

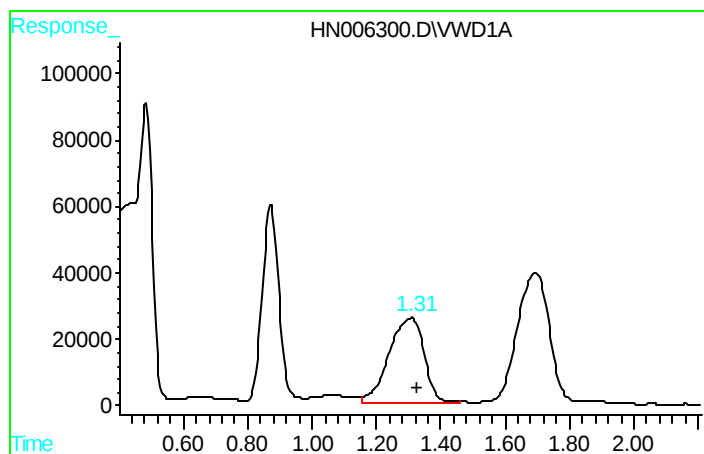
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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 :





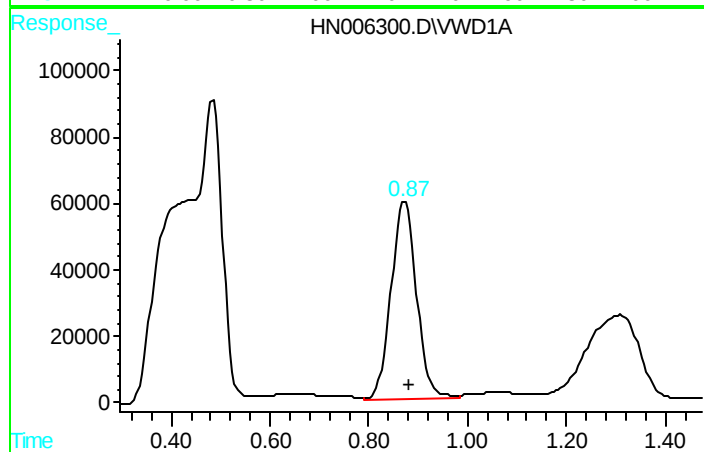
#1 4-Nitroaniline

R.T.: 1.308 min
Delta R.T.: -0.019 min
Response: 1911449
Conc: 480.93 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

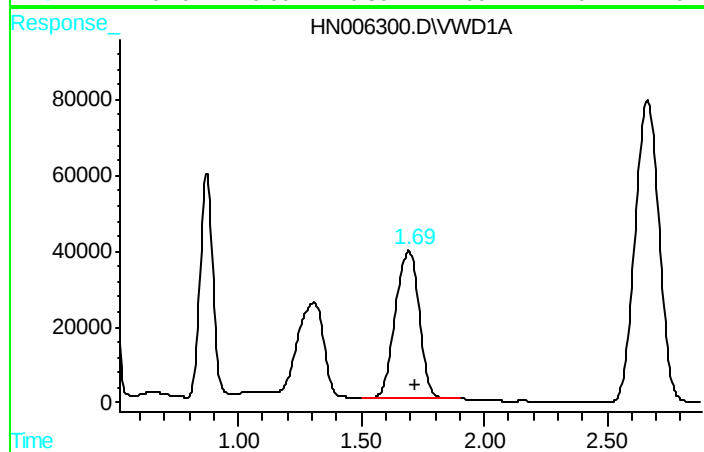
Manual Integrations
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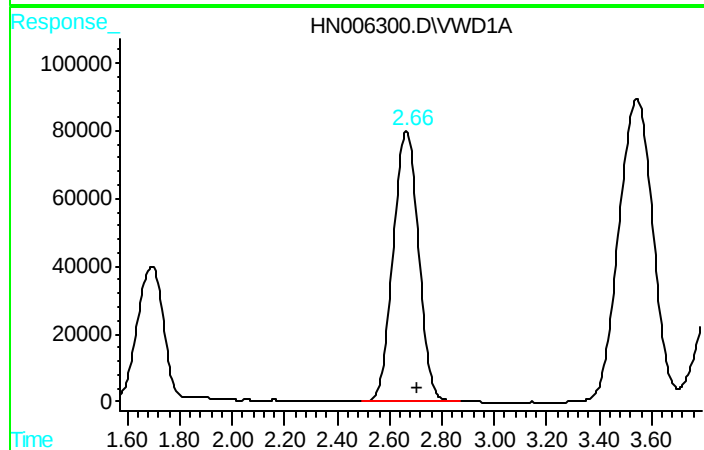
#2 HMX

R.T.: 0.871 min
Delta R.T.: -0.011 min
Response: 2156994
Conc: 445.99 ug/L m



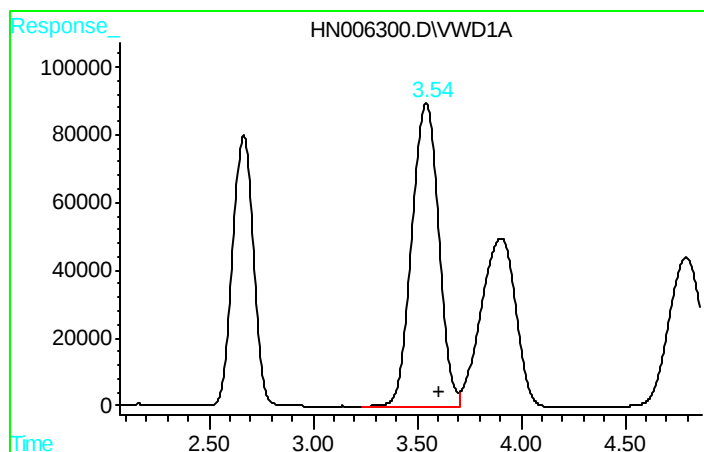
#3 RDX

R.T.: 1.695 min
Delta R.T.: -0.026 min
Response: 2650373
Conc: 483.42 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.666 min
Delta R.T.: -0.043 min
Response: 5385055
Conc: 502.13 ug/L



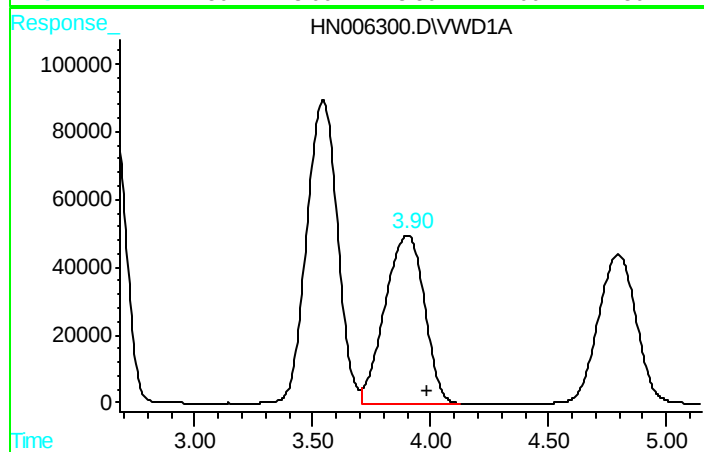
#5 1,3-Dinitrobenzene

R.T.: 3.545 min
Delta R.T.: -0.063 min
Response: 8130373
Conc: 496.53 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

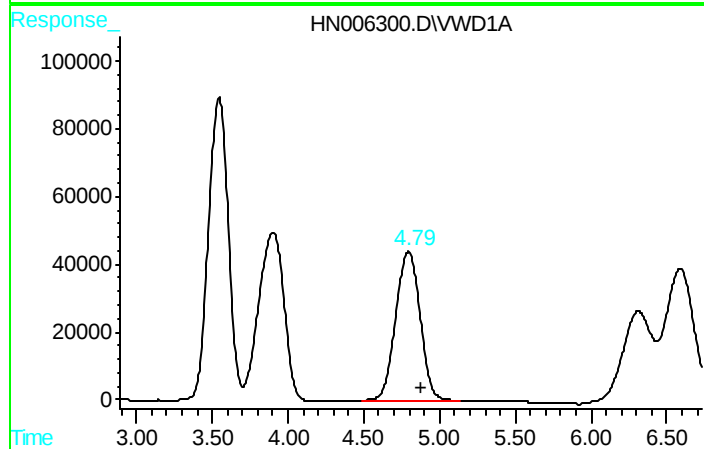
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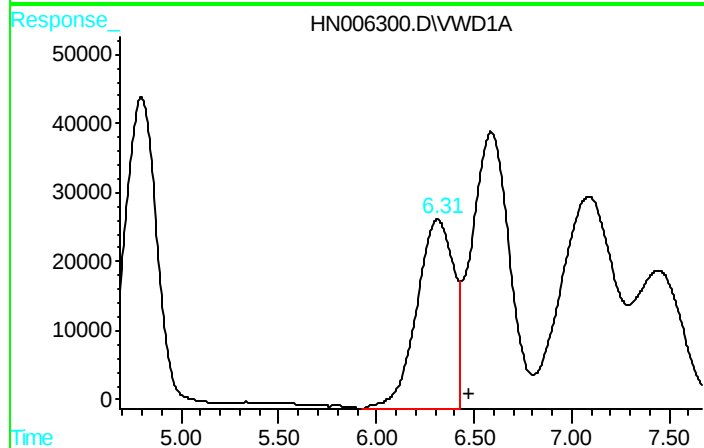
#6 3,5-Dinitroaniline

R.T.: 3.902 min
Delta R.T.: -0.082 min
Response: 5811217
Conc: 498.70 ug/L m



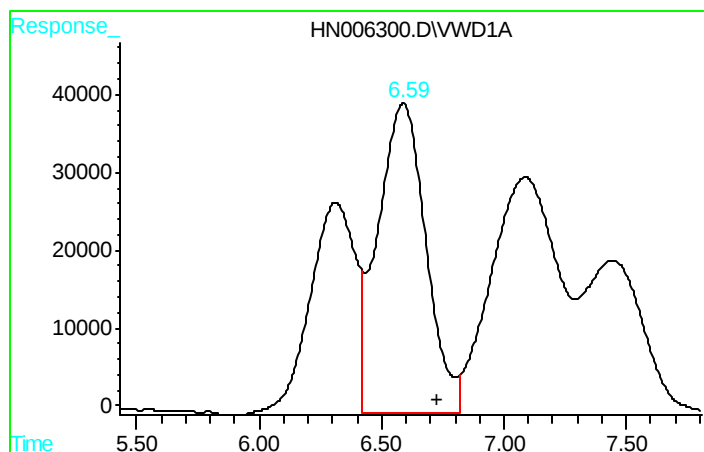
#7 Nitrobenzene

R.T.: 4.794 min
Delta R.T.: -0.089 min
Response: 4998036
Conc: 498.76 ug/L m



#8 Tetryl

R.T.: 6.312 min
Delta R.T.: -0.163 min
Response: 3584622
Conc: 562.19 ug/L m



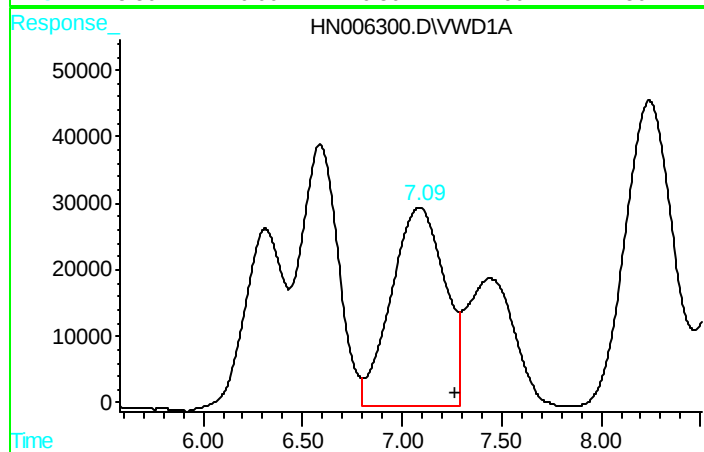
#9 2,4,6-Trinitrotoluene

R.T.: 6.587 min
Delta R.T.: -0.139 min
Response: 5453013
Conc: 507.87 ug/L m

Instrument :
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LabSampleId :
HSTDCCC0500

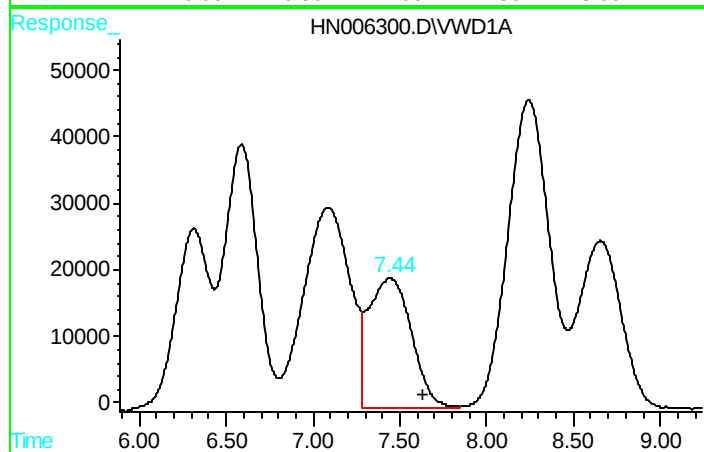
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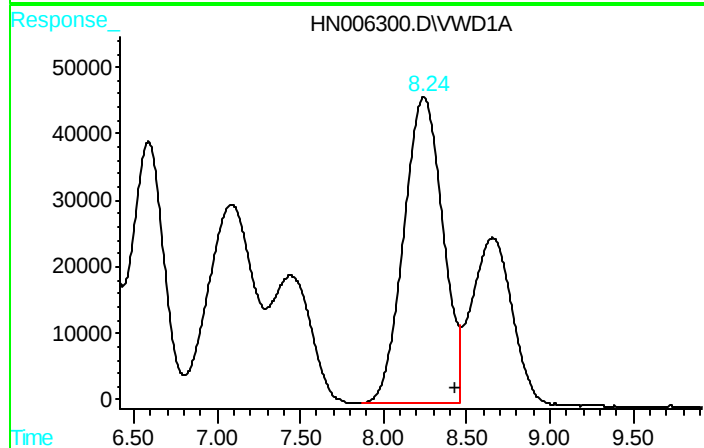
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.088 min
Delta R.T.: -0.173 min
Response: 5566908
Conc: 480.76 ug/L m



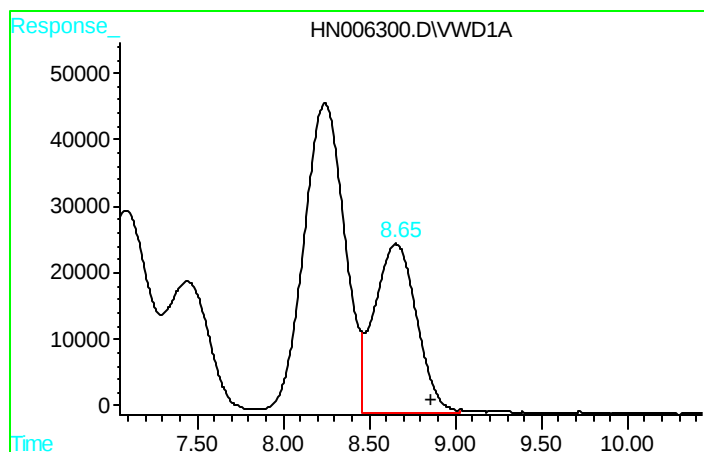
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.440 min
Delta R.T.: -0.193 min
Response: 3326692
Conc: 545.08 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.241 min
Delta R.T.: -0.194 min
Response: 7451360
Conc: 483.94 ug/L m



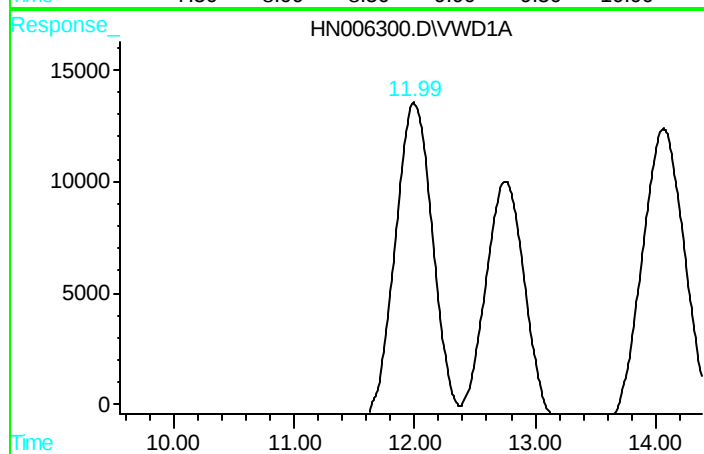
#13 2,6-Dinitrotoluene

R.T.: 8.654 min
Delta R.T.: -0.208 min
Response: 4368667
Conc: 515.44 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

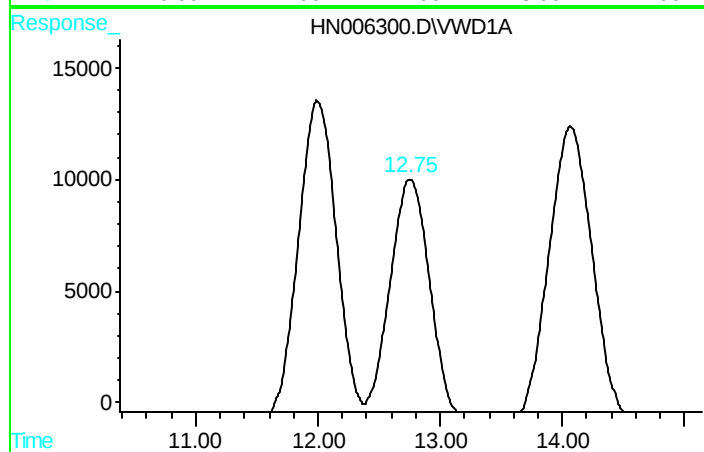
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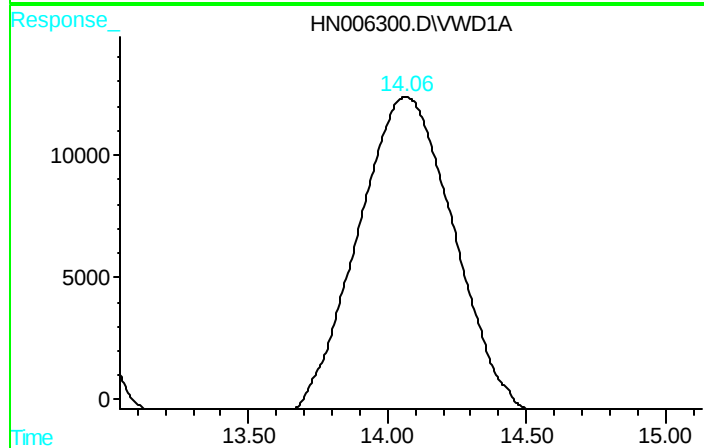
#14 2-Nitrotoluene

R.T.: 11.989 min
Delta R.T.: -0.292 min
Response: 3140432
Conc: 468.91 ug/L m



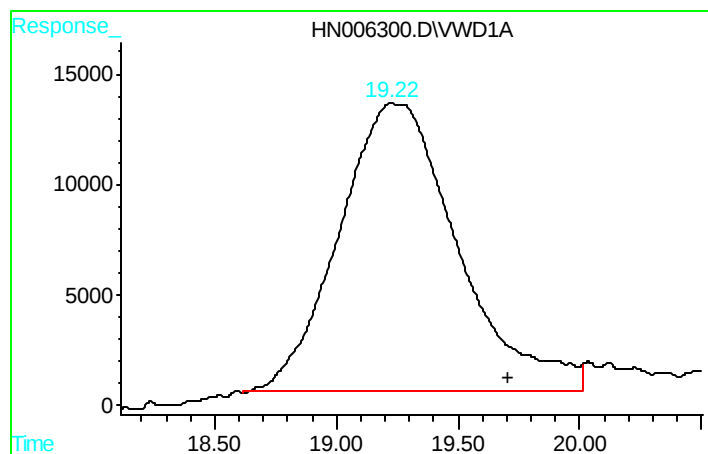
#15 4-Nitrotoluene

R.T.: 12.746 min
Delta R.T.: -0.299 min
Response: 2515848
Conc: 459.60 ug/L m



#16 3-Nitrotoluene

R.T.: 14.064 min
Delta R.T.: -0.330 min
Response: 3416251
Conc: 490.72 ug/L m



#17 PETN

R.T.: 19.224 min
Delta R.T.: -0.479 min
Response: 4420103
Conc: 537.05 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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