

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006520.D\VWD1A.CH Vial: 1
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006520.D\VWD1A.CH
 Acq On : 24-Oct-2014, 01:41 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 24 9:45 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/3/2014 11:47:36 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 17 14:52:14 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	1687940	424.690 ug/L m
Target Compounds			
2) T HMX	0.87	2092894	432.737 ug/L
3) T RDX	1.69	2649005	483.170 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	5523954	515.080 ug/L
5) T 1,3-Dinitrobenzene	3.53	8319437	508.081 ng/mlm
6) T 3,5-Dinitroaniline	3.90	5986220	513.714 ug/L m
7) T Nitrobenzene	4.78	5060543	504.996 ug/L m
8) T Tetryl	6.30	3078331	482.786 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	5071857	472.370 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	5590158	482.768 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.44	3577831	586.228 ug/L m
12) T 2,4-Dinitrotoluene	8.23	7584213	492.564 ug/L m
13) T 2,6-Dinitrotoluene	8.64	4405964	519.836 ug/L m
14) T 2-Nitrotoluene	11.98	3161926	472.120 ug/L m
15) T 4-Nitrotoluene	12.72	3026542	552.890 ug/L m
16) T 3-Nitrotoluene	14.02	3525157	506.363 ug/L m
17) T PETN	19.18	4365311	530.392 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.

HN006520.D HN100214.M Sat Nov 08 00:22:02 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006520.D\VWD1A.CH Vial: 1
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006520.D\VWD1A.CH
Acq On : 24-Oct-2014, 01:41 Operator: HNP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 24 9:45 2014 Quant Results File: HN100214.RES

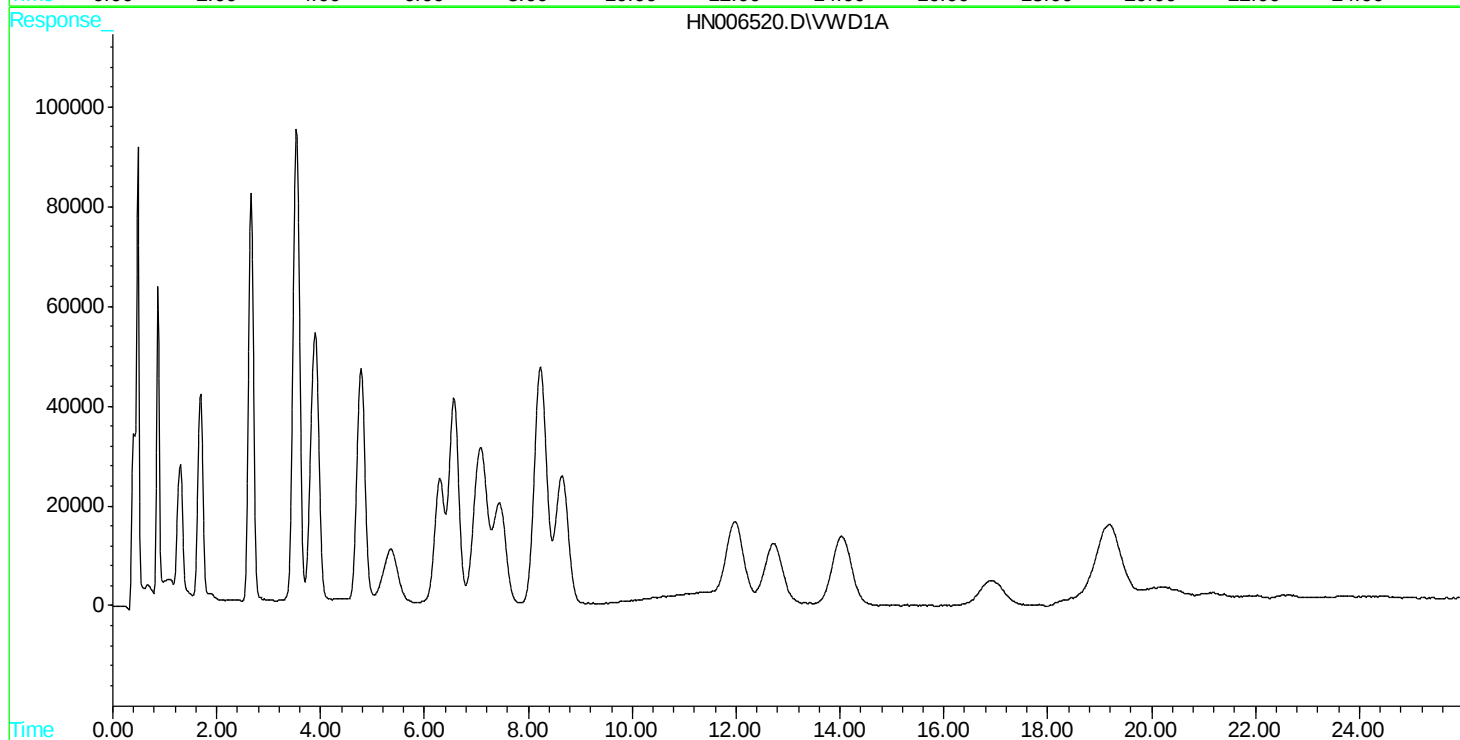
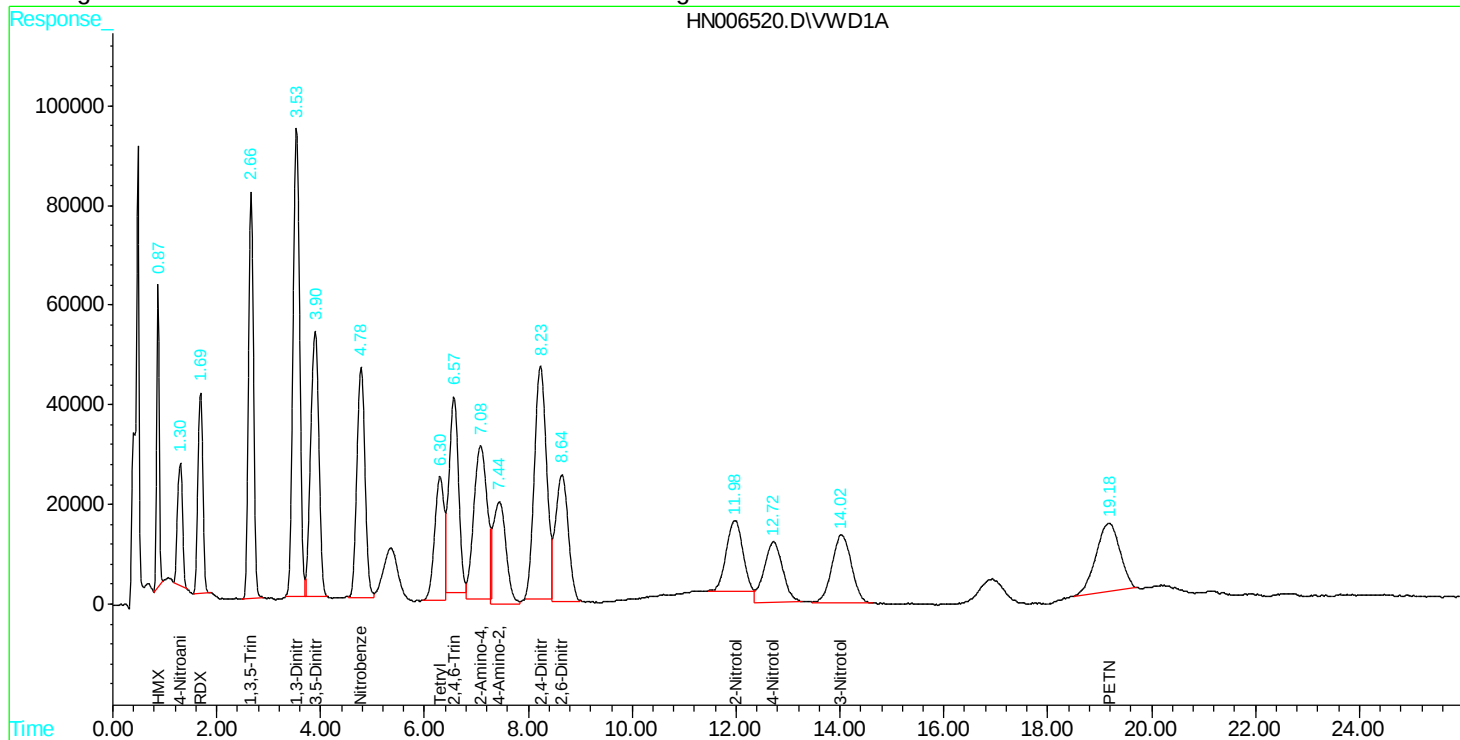
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

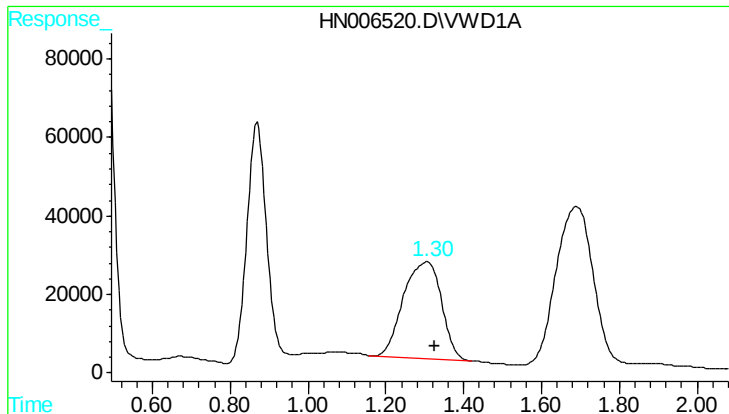
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Fri Oct 17 14:52:14 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





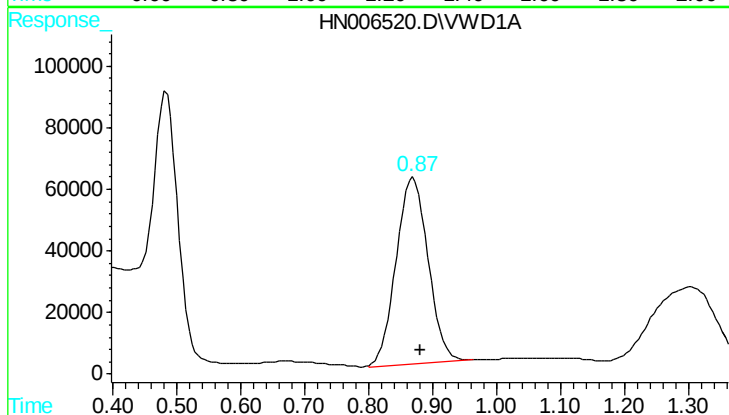
#1 4-Nitroaniline

R.T.: 1.305 min
Delta R.T.: -0.022 min
Response: 1687940
Conc: 424.69 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

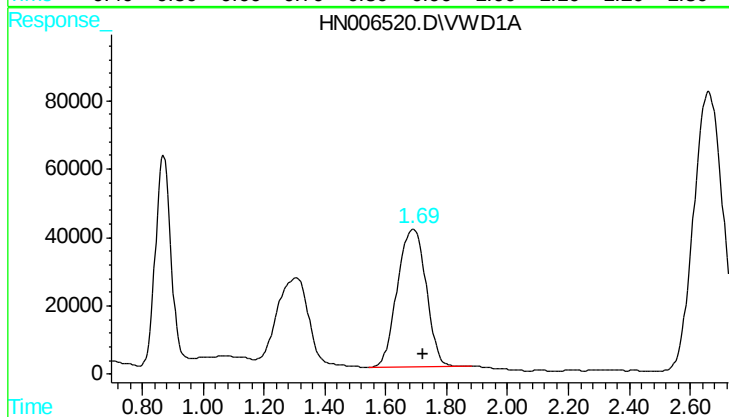
Manual Integrations
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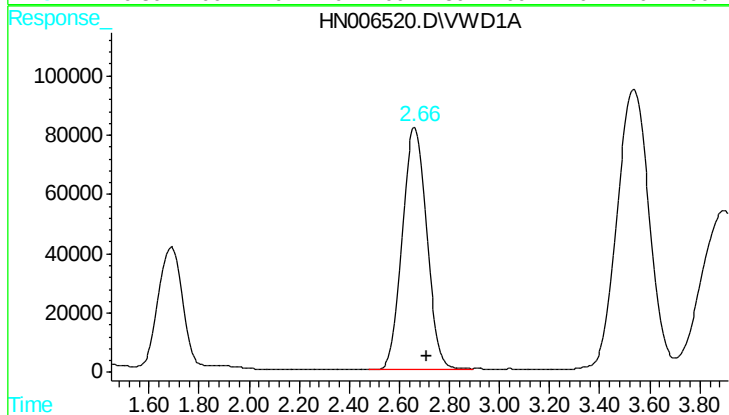
#2 HMX

R.T.: 0.870 min
Delta R.T.: -0.012 min
Response: 2092894
Conc: 432.74 ug/L



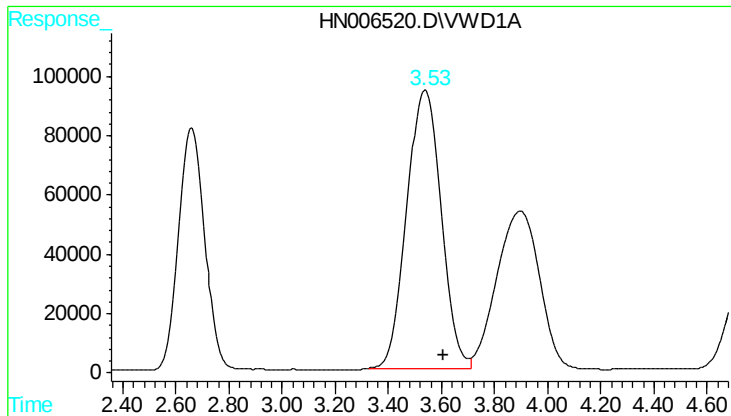
#3 RDX

R.T.: 1.690 min
Delta R.T.: -0.032 min
Response: 2649005
Conc: 483.17 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.661 min
Delta R.T.: -0.047 min
Response: 5523954
Conc: 515.08 ug/L



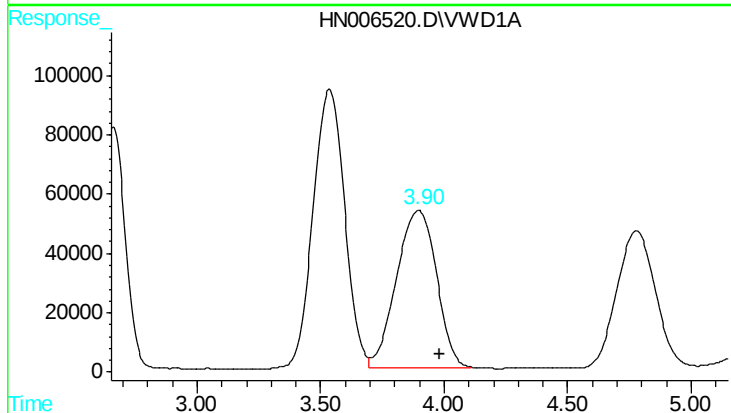
#5 1,3-Dinitrobenzene

R.T.: 3.534 min
Delta R.T.: -0.074 min
Response: 8319437
Conc: 508.08 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

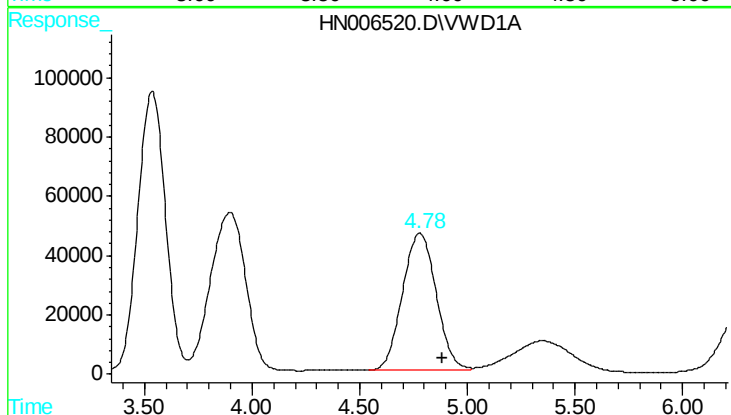
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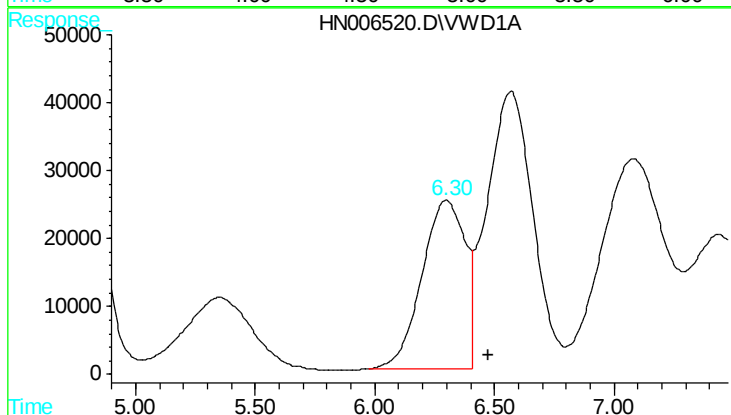
#6 3,5-Dinitroaniline

R.T.: 3.895 min
Delta R.T.: -0.088 min
Response: 5986220
Conc: 513.71 ug/L m



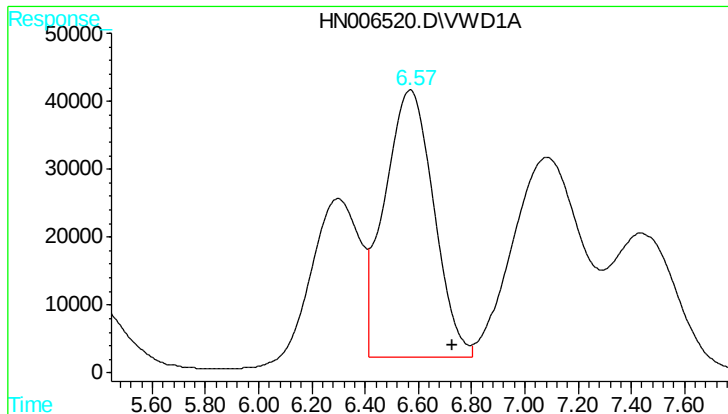
#7 Nitrobenzene

R.T.: 4.777 min
Delta R.T.: -0.106 min
Response: 5060543
Conc: 505.00 ug/L m



#8 Tetryl

R.T.: 6.297 min
Delta R.T.: -0.178 min
Response: 3078331
Conc: 482.79 ug/L m



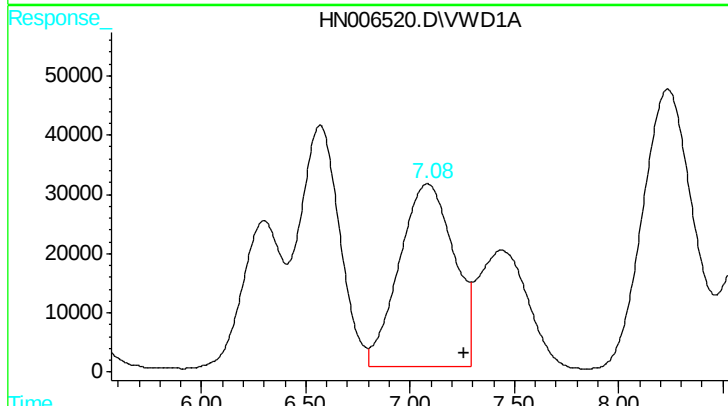
#9 2,4,6-Trinitrotoluene

R.T.: 6.568 min
Delta R.T.: -0.159 min
Response: 5071857
Conc: 472.37 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

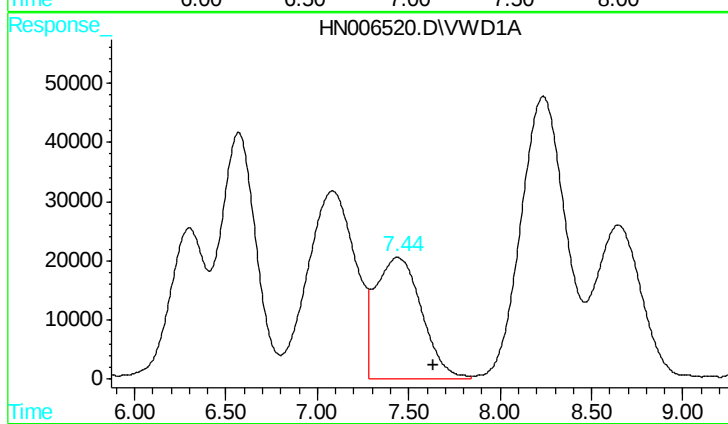
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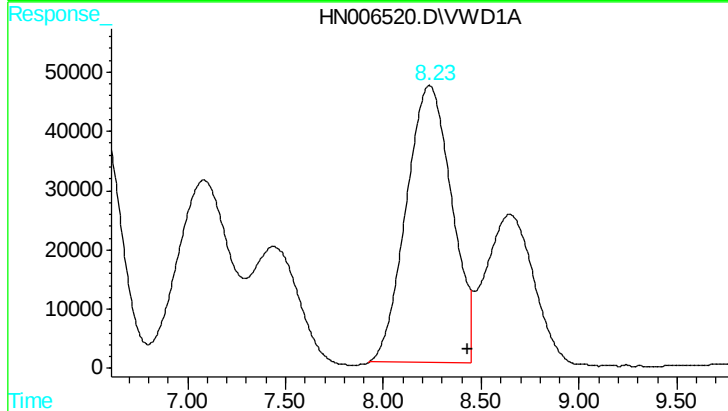
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.080 min
Delta R.T.: -0.182 min
Response: 5590158
Conc: 482.77 ug/L m



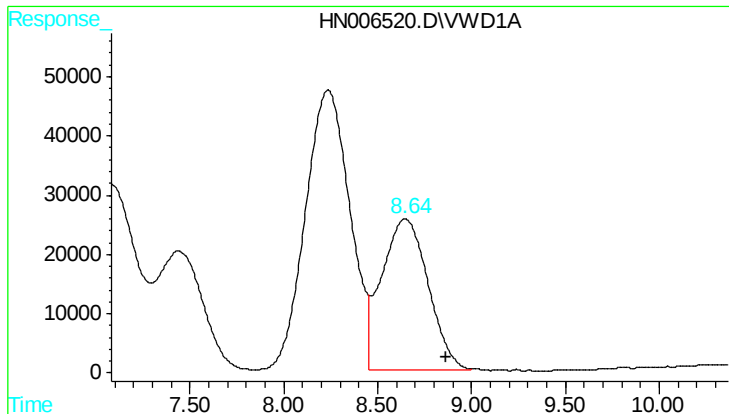
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.436 min
Delta R.T.: -0.198 min
Response: 3577831
Conc: 586.23 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.234 min
Delta R.T.: -0.201 min
Response: 7584213
Conc: 492.56 ug/L m



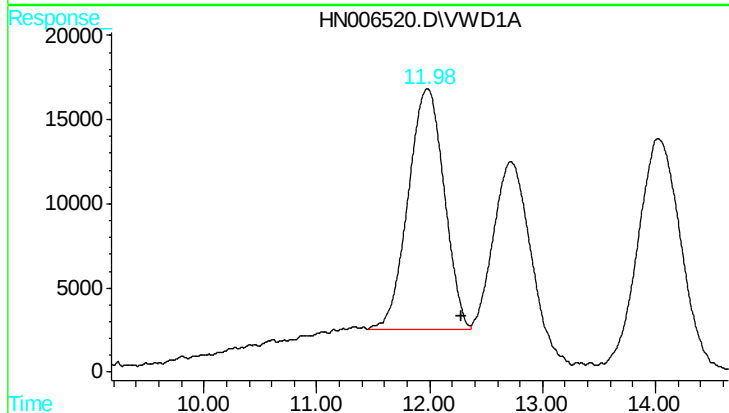
#13 2,6-Dinitrotoluene

R.T.: 8.644 min
Delta R.T.: -0.218 min
Response: 4405964
Conc: 519.84 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

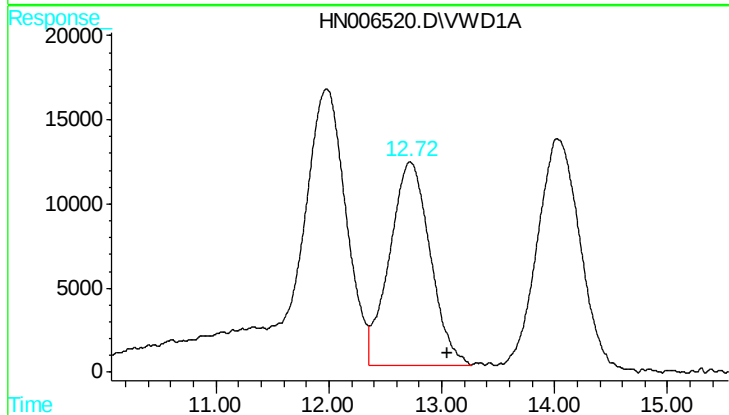
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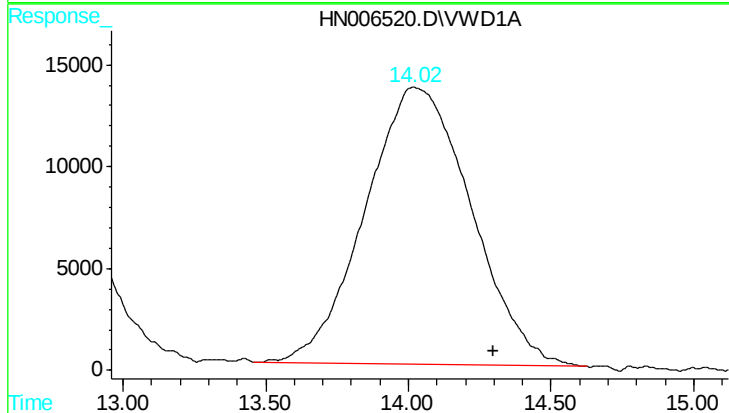
#14 2-Nitrotoluene

R.T.: 11.978 min
Delta R.T.: -0.303 min
Response: 3161926
Conc: 472.12 ug/L m



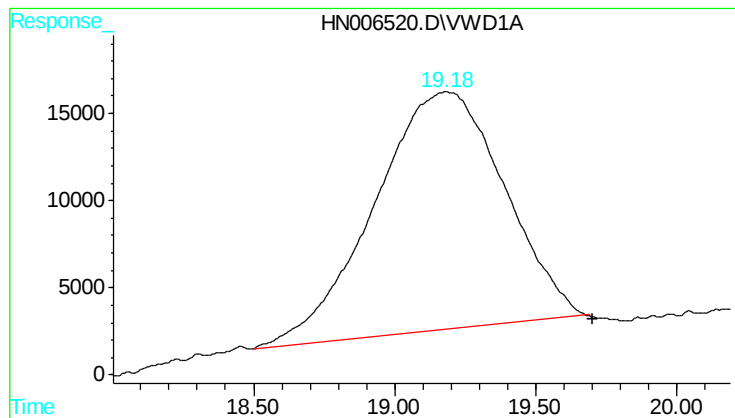
#15 4-Nitrotoluene

R.T.: 12.715 min
Delta R.T.: -0.330 min
Response: 3026542
Conc: 552.89 ug/L m



#16 3-Nitrotoluene

R.T.: 14.017 min
Delta R.T.: -0.283 min
Response: 3525157
Conc: 506.36 ug/L m



#17 PETN

R.T.: 19.177 min
Delta R.T.: -0.526 min
Response: 4365311
Conc: 530.39 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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