

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006896.D\VWD1A.CH Vial: 71
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006896.D\VWD1A.CH
 Acq On : 31-Oct-2014, 17:50 Operator: TP
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 1 9:17 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

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 11/14/2014 10:30:11 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	22510421	6601.845 ug/L
Target Compounds			
2) T HMX	0.87	26299819	6416.373 ug/L
3) T RDX	1.68	28332448	5538.676 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	53000798	5177.791 ug/L
5) T 1,3-Dinitrobenzene	3.50	82872063	5244.353 ng/ml
6) T 3,5-Dinitroaniline	3.87	56976519	5080.799 ug/L
7) T Nitrobenzene	4.72	49838712	5232.379 ug/L
8) T Tetryl	6.27	21203293	4095.772 ug/L m
9) T 2,4,6-Trinitrotoluene	6.47	52137011	4971.692 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.04	65941293	5891.687 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.34	21190819	3734.349 ug/L
12) T 2,4-Dinitrotoluene	8.12	81155287	5472.331 ug/L
13) T 2,6-Dinitrotoluene	8.51	37888698	4725.797 ug/L
14) T 2-Nitrotoluene	11.80	33139404	5236.181 ug/L
15) T 4-Nitrotoluene	12.52	26689941	5246.930 ug/L
16) T 3-Nitrotoluene	13.82	34432033	5088.775 ug/L
17) T PETN	18.85	40633463	4843.445 ug/L

 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.

HN006896.D HN103114.M Sat Nov 08 04:36:08 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006896.D\VWD1A.CH Vial: 71
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006896.D\VWD1A.CH
Acq On : 31-Oct-2014, 17:50 Operator: TP
Sample : HSTDICC5000 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 1 9:17 2014 Quant Results File: HN103114.RES

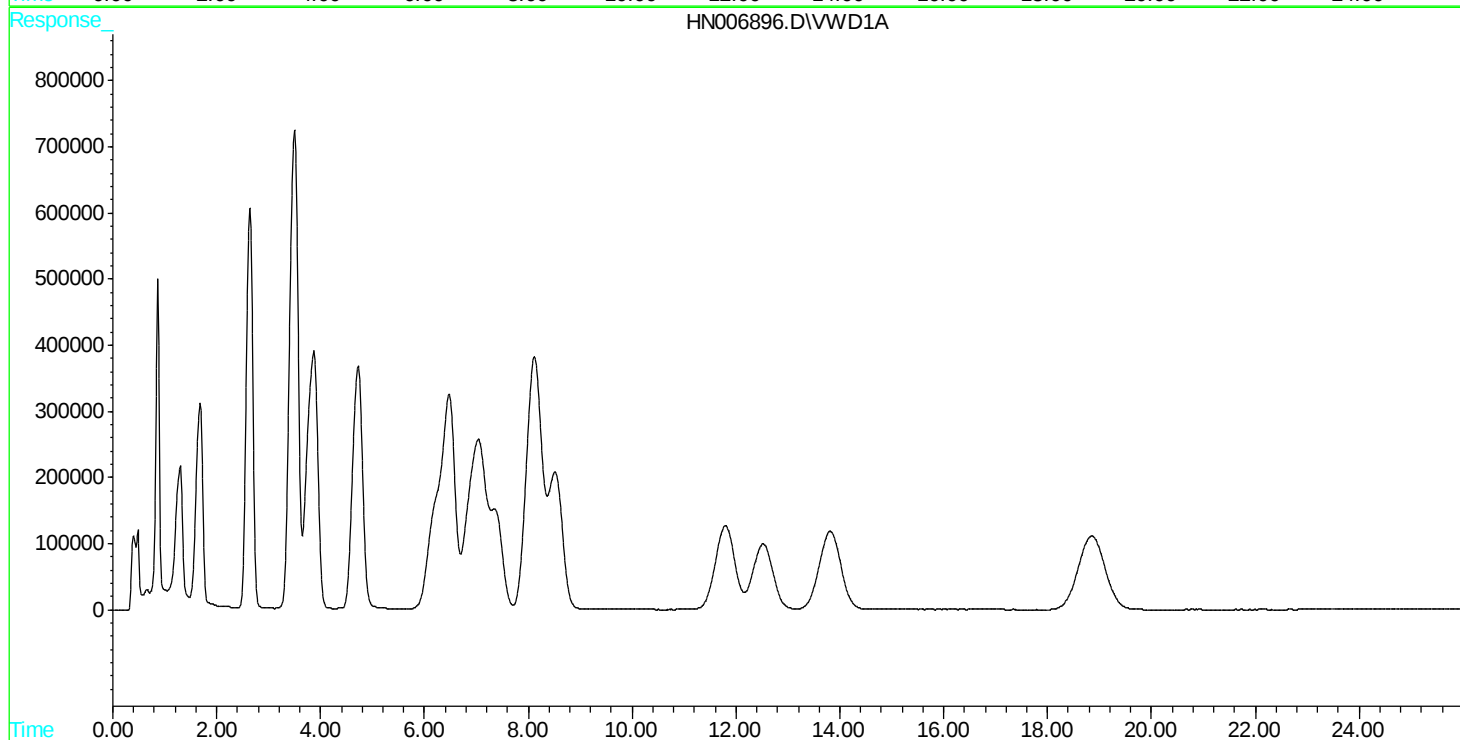
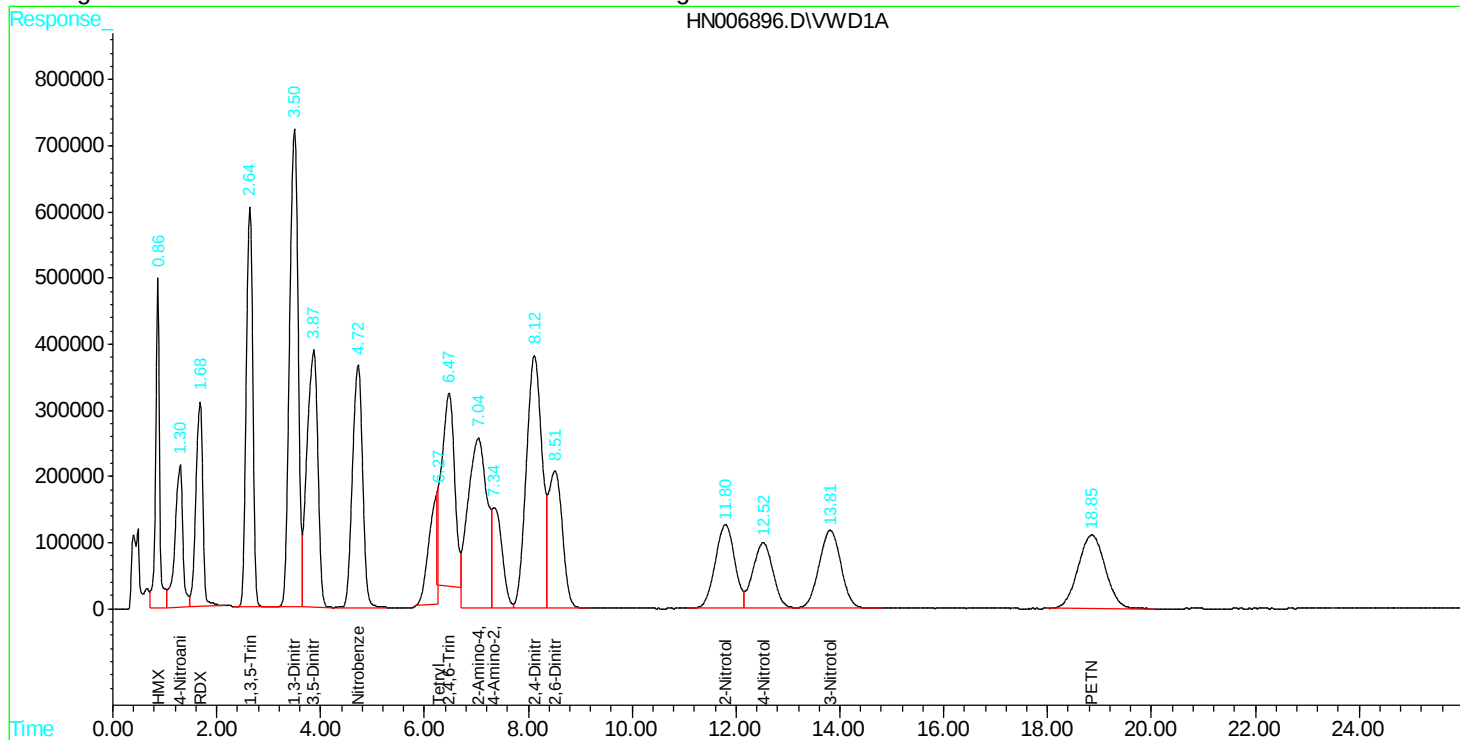
Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

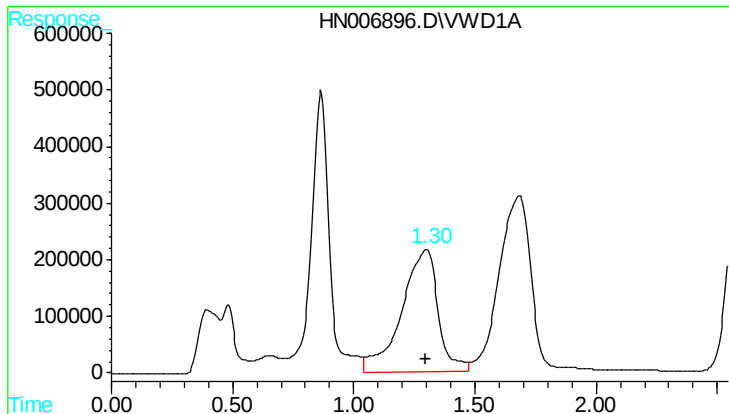
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





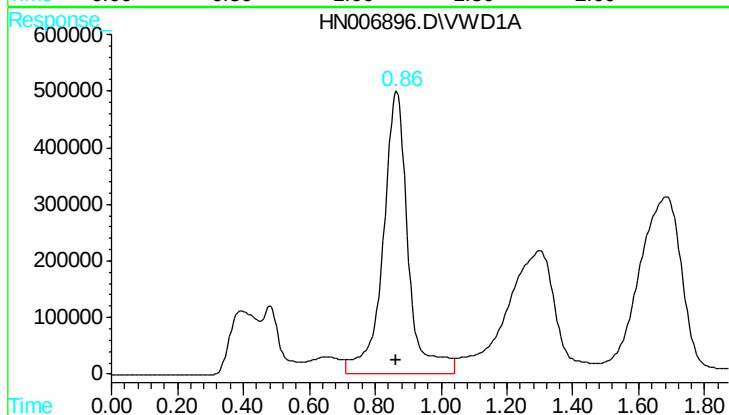
#1 4-Nitroaniline

R.T.: 1.300 min
Delta R.T.: 0.004 min
Response: 22510421
Conc: 6601.84 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

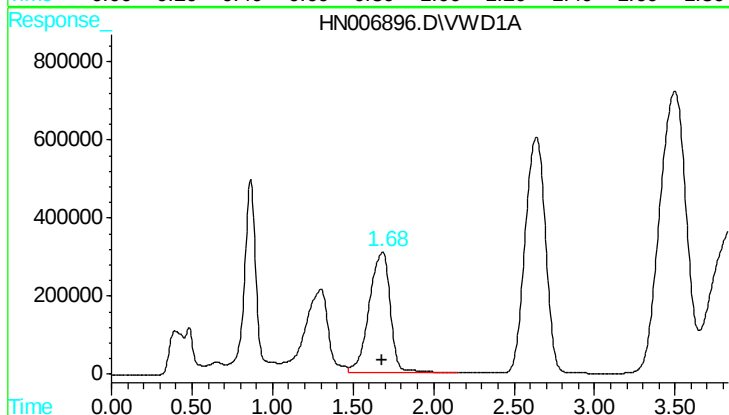
Manual Integrations
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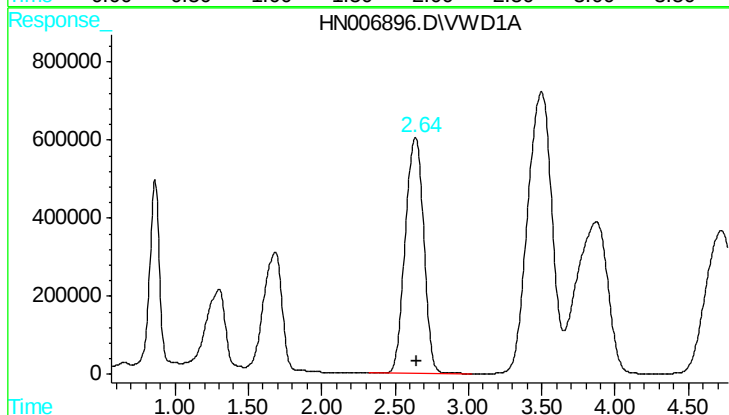
#2 HMX

R.T.: 0.865 min
Delta R.T.: 0.000 min
Response: 26299819
Conc: 6416.37 ug/L



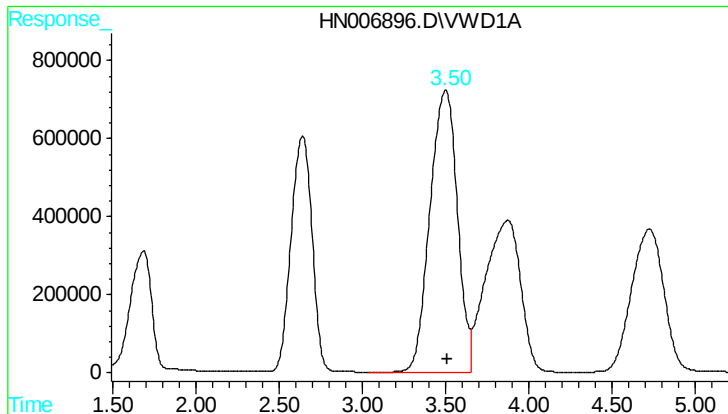
#3 RDX

R.T.: 1.684 min
Delta R.T.: 0.005 min
Response: 28332448
Conc: 5538.68 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.638 min
Delta R.T.: -0.009 min
Response: 53000798
Conc: 5177.79 ug/L



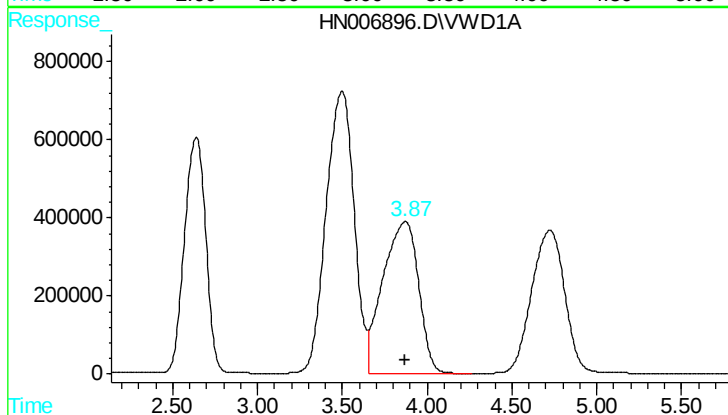
#5 1,3-Dinitrobenzene

R.T.: 3.498 min
Delta R.T.: -0.008 min
Response: 82872063
Conc: 5244.35 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

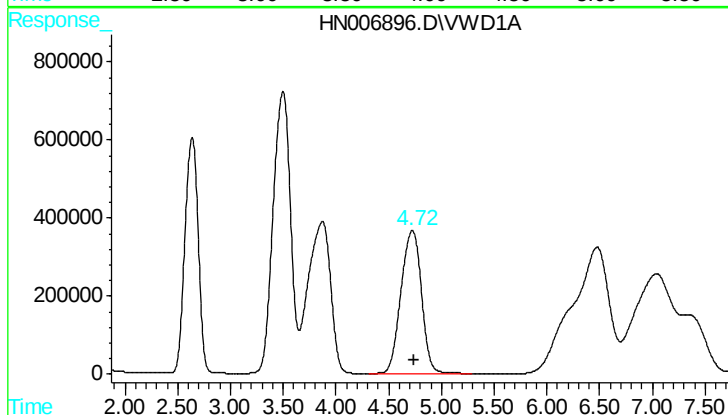
Manual Integrations
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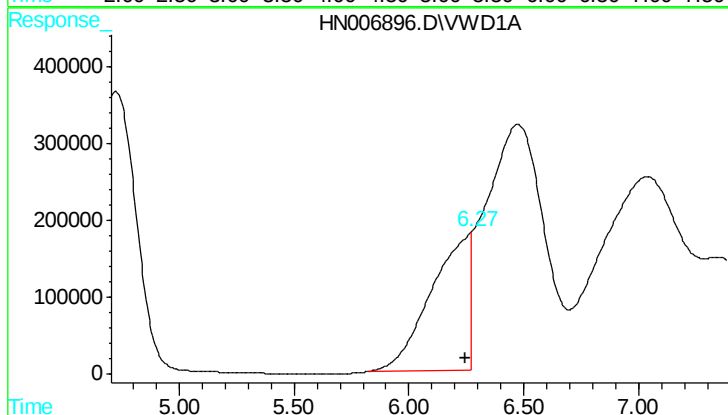
#6 3,5-Dinitroaniline

R.T.: 3.871 min
Delta R.T.: -0.003 min
Response: 56976519
Conc: 5080.80 ug/L



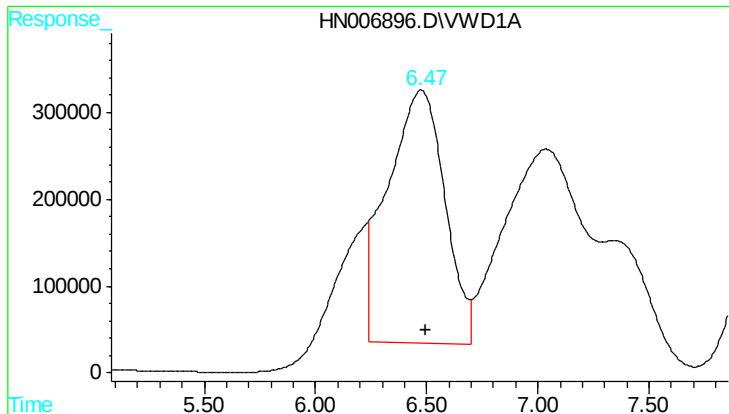
#7 Nitrobenzene

R.T.: 4.724 min
Delta R.T.: -0.014 min
Response: 49838712
Conc: 5232.38 ug/L



#8 Tetryl

R.T.: 6.271 min
Delta R.T.: 0.027 min
Response: 21203293
Conc: 4095.77 ug/L m



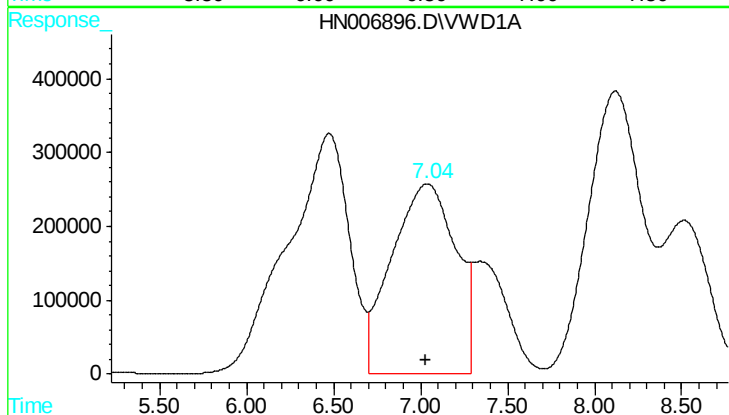
#9 2,4,6-Trinitrotoluene

R.T.: 6.473 min
Delta R.T.: -0.022 min
Response: 52137011
Conc: 4971.69 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

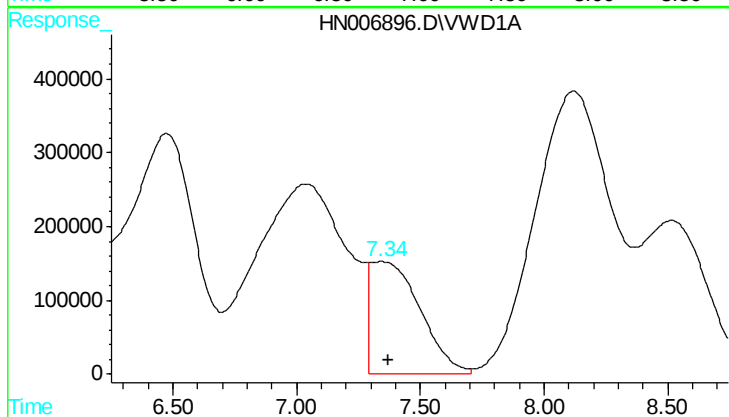
Manual Integrations
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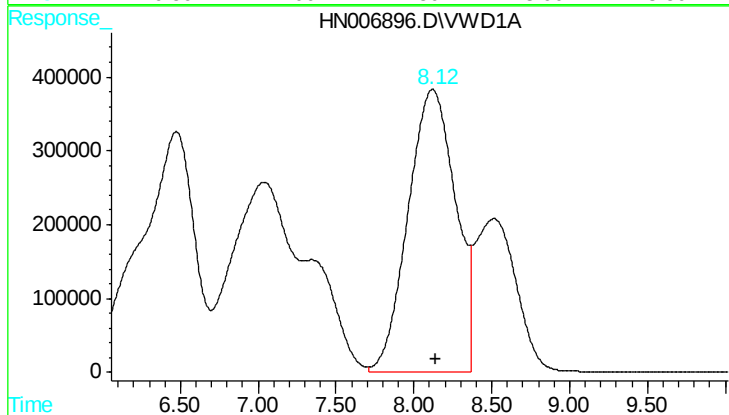
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.038 min
Delta R.T.: 0.011 min
Response: 65941293
Conc: 5891.69 ug/L



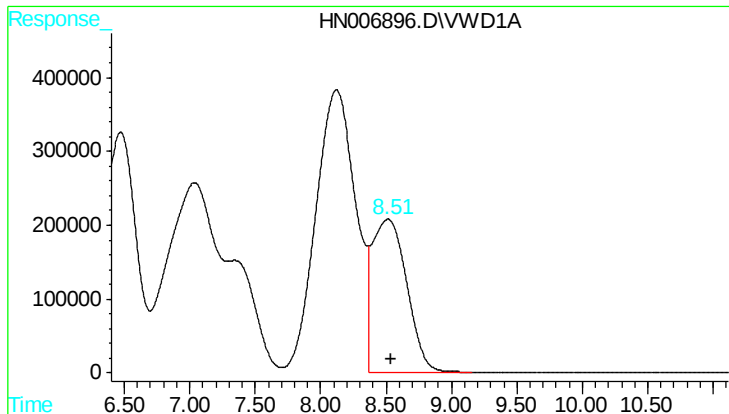
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.341 min
Delta R.T.: -0.028 min
Response: 21190819
Conc: 3734.35 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.120 min
Delta R.T.: -0.020 min
Response: 81155287
Conc: 5472.33 ug/L



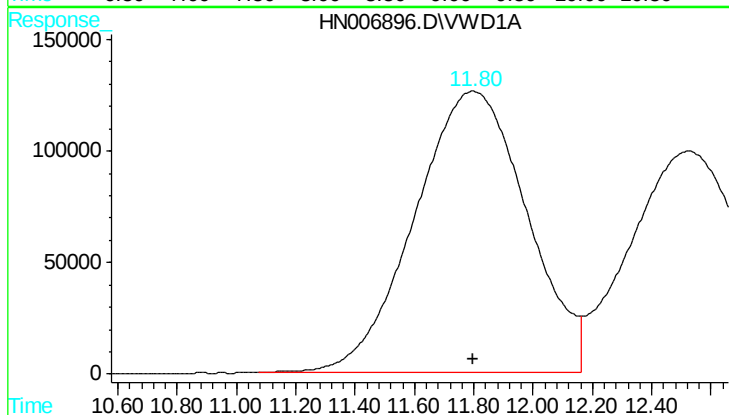
#13 2,6-Dinitrotoluene

R.T.: 8.514 min
Delta R.T.: -0.027 min
Response: 37888698
Conc: 4725.80 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

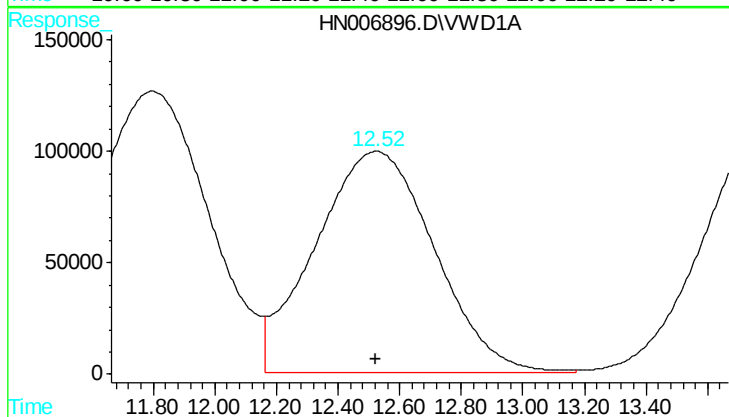
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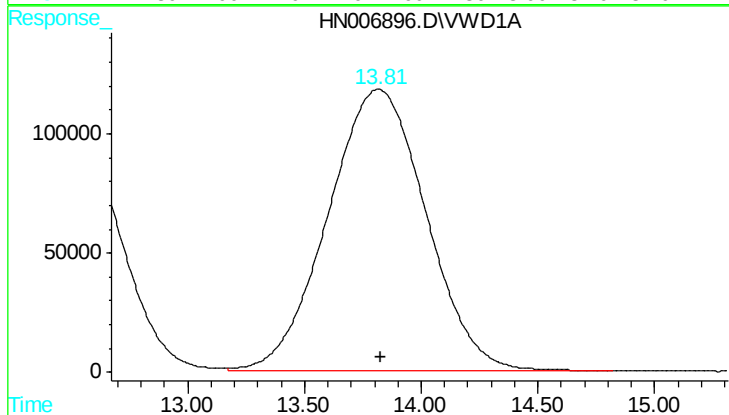
#14 2-Nitrotoluene

R.T.: 11.798 min
Delta R.T.: 0.002 min
Response: 33139404
Conc: 5236.18 ug/L



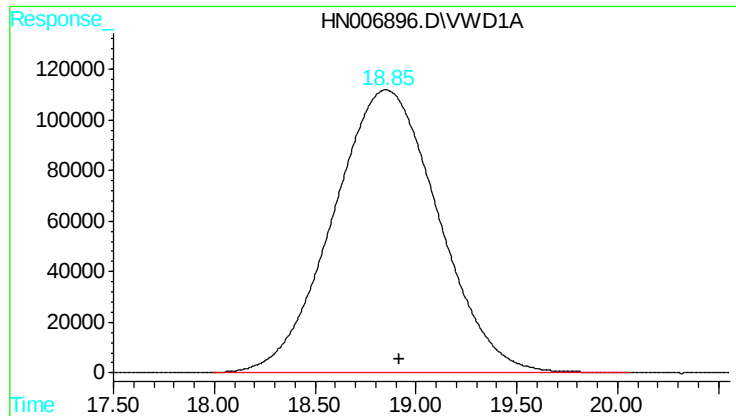
#15 4-Nitrotoluene

R.T.: 12.524 min
Delta R.T.: 0.000 min
Response: 26689941
Conc: 5246.93 ug/L



#16 3-Nitrotoluene

R.T.: 13.816 min
Delta R.T.: -0.011 min
Response: 34432033
Conc: 5088.77 ug/L



#17 PETN

R.T.: 18.851 min
Delta R.T.: -0.064 min
Response: 40633463
Conc: 4843.44 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDICC5000

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