

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006311.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006311.D\VWD1A.CH
 Acq On : 15-Oct-2014, 16:35 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:58 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:20:22 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	1785381	449.206 ug/L
Target Compounds			
2) T HMX	0.87	2081648	430.412 ug/L
3) T RDX	1.69	2673875	487.707 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5407056	504.180 ug/L
5) T 1,3-Dinitrobenzene	3.55	8177793	499.430 ng/ml
6) T 3,5-Dinitroaniline	3.90	5830157	500.322 ug/L
7) T Nitrobenzene	4.79	4974270	496.387 ug/L
8) T Tetryl	6.30	3608900	565.997 ug/L
9) T 2,4,6-Trinitrotoluene	6.57	5276329	491.414 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.07	5624897	485.768 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.42	3254138	533.190 ug/L
12) T 2,4-Dinitrotoluene	8.23	7535010	489.368 ug/L
13) T 2,6-Dinitrotoluene	8.64	4060747	479.105 ug/L
14) T 2-Nitrotoluene	11.99	3229204	482.166 ug/L m
15) T 4-Nitrotoluene	12.75	2680642	489.701 ug/L m
16) T 3-Nitrotoluene	14.06	3380593	485.597 ug/L
17) T PETN	19.23	3967920	482.108 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.

HN006311.D HN100214.M Fri Oct 17 18:54:49 2014

RPT1

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006311.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006311.D\VWD1A.CH
 Acq On : 15-Oct-2014, 16:35 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:58 2014 Quant Results File: HN100214.RES

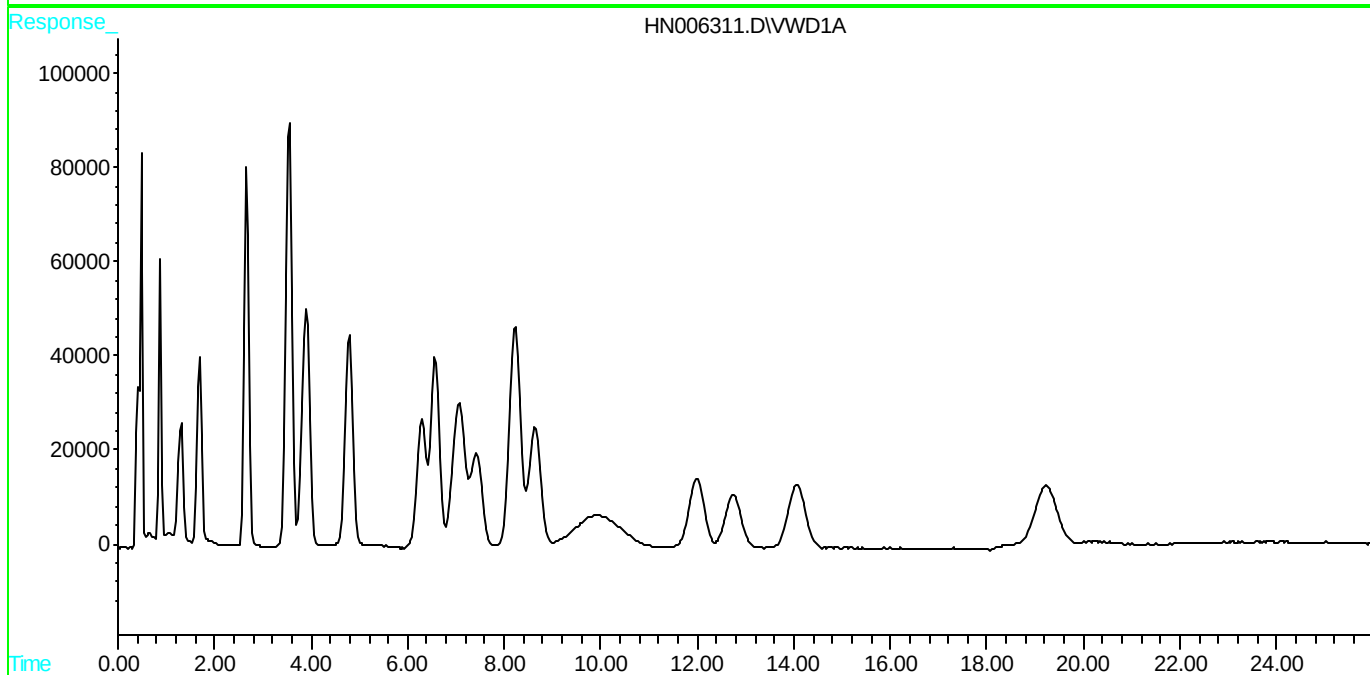
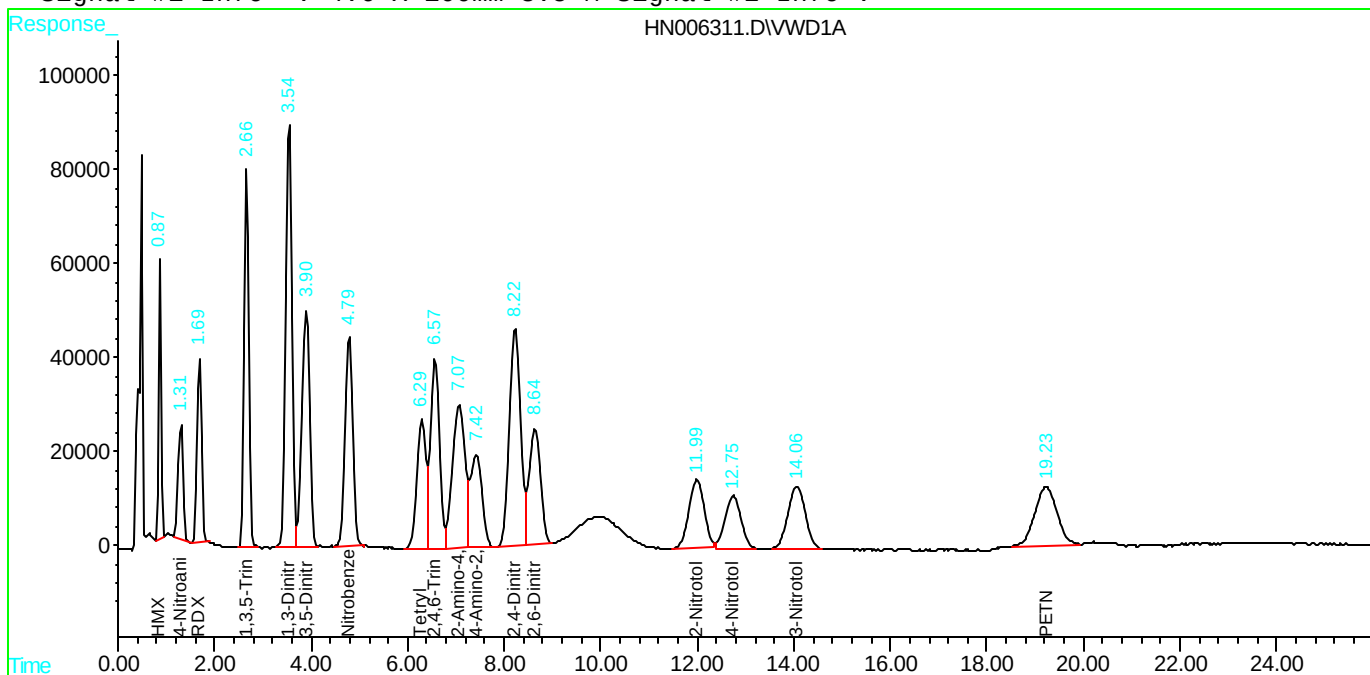
Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

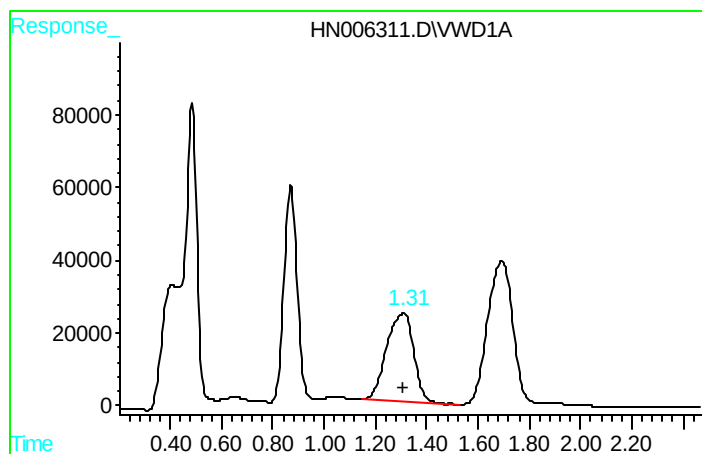
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 03 10:34:01 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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 :





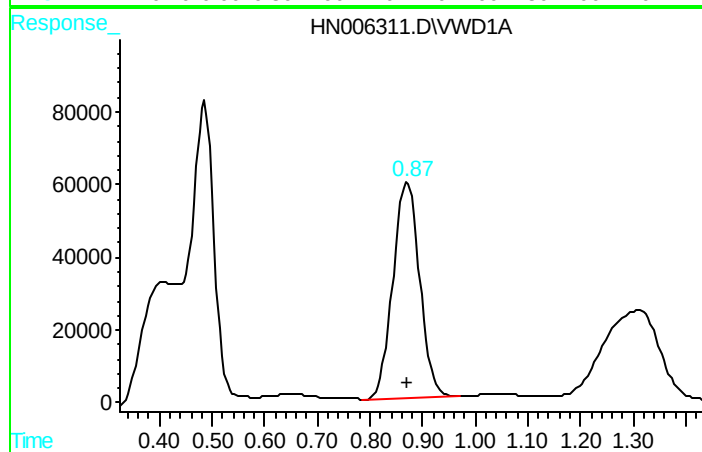
#1 4-Nitroaniline

R.T.: 1.311 min
Delta R.T.: 0.003 min
Response: 1785381
Conc: 449.21 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

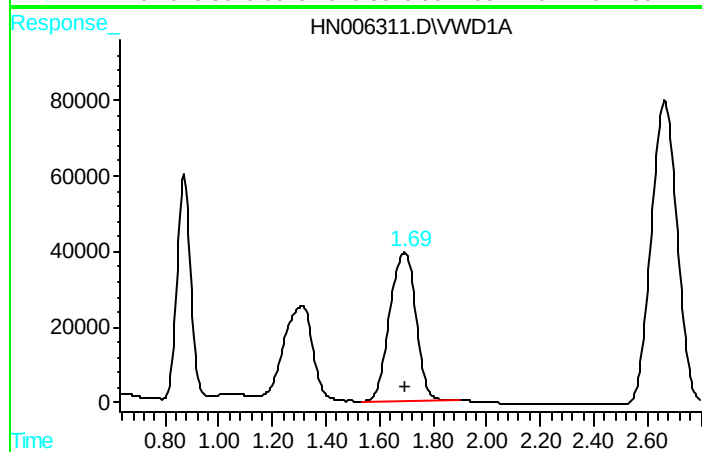
Manual Integrations
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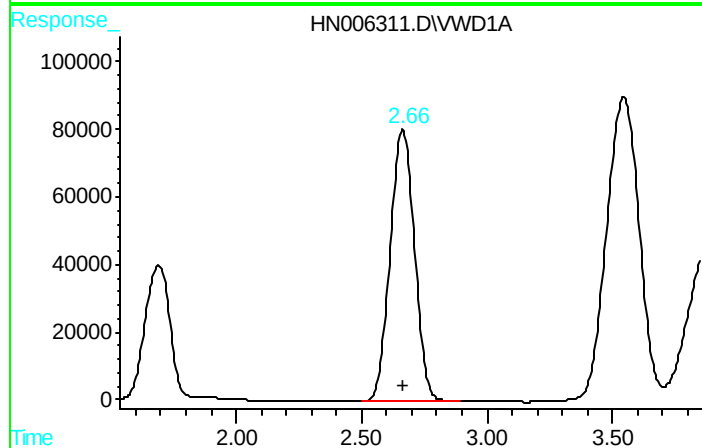
#2 HMX

R.T.: 0.871 min
Delta R.T.: 0.000 min
Response: 2081648
Conc: 430.41 ug/L



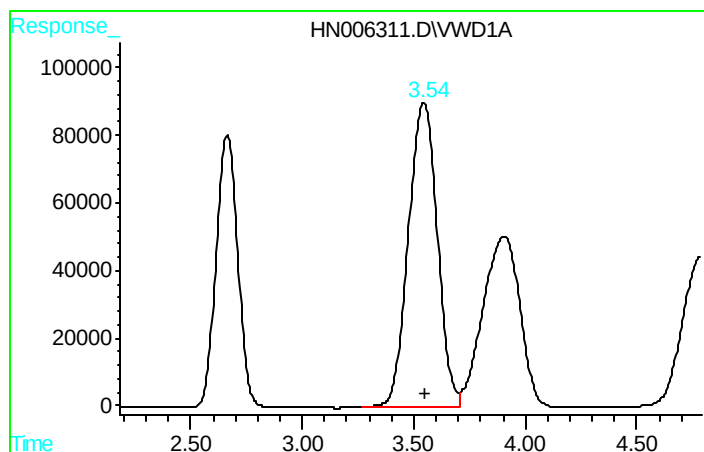
#3 RDX

R.T.: 1.694 min
Delta R.T.: -0.001 min
Response: 2673875
Conc: 487.71 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.665 min
Delta R.T.: 0.000 min
Response: 5407056
Conc: 504.18 ug/L



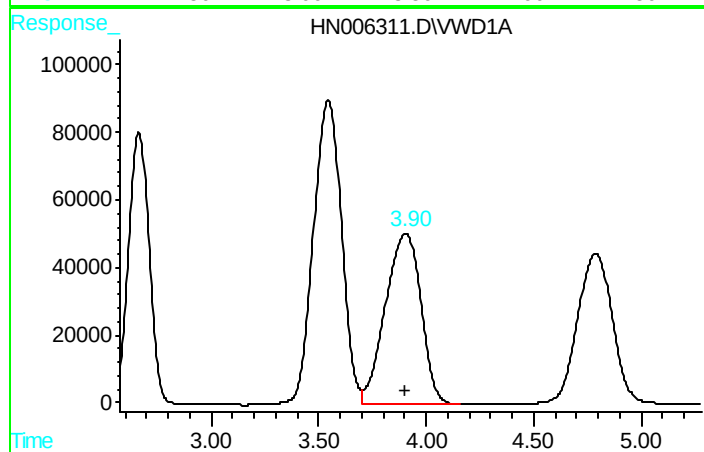
#5 1,3-Dinitrobenzene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 8177793
Conc: 499.43 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

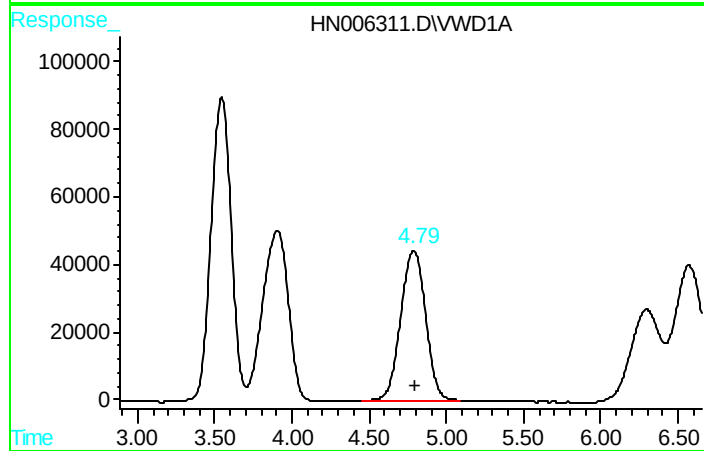
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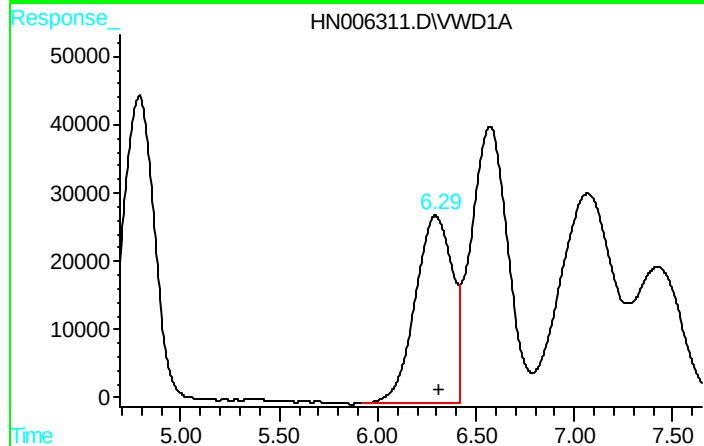
#6 3,5-Dinitroaniline

R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 5830157
Conc: 500.32 ug/L



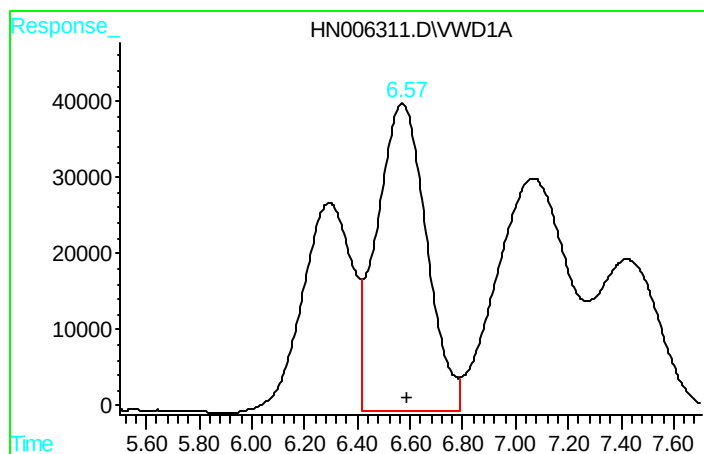
#7 Nitrobenzene

R.T.: 4.789 min
Delta R.T.: -0.005 min
Response: 4974270
Conc: 496.39 ug/L



#8 Tetryl

R.T.: 6.295 min
Delta R.T.: -0.017 min
Response: 3608900
Conc: 566.00 ug/L



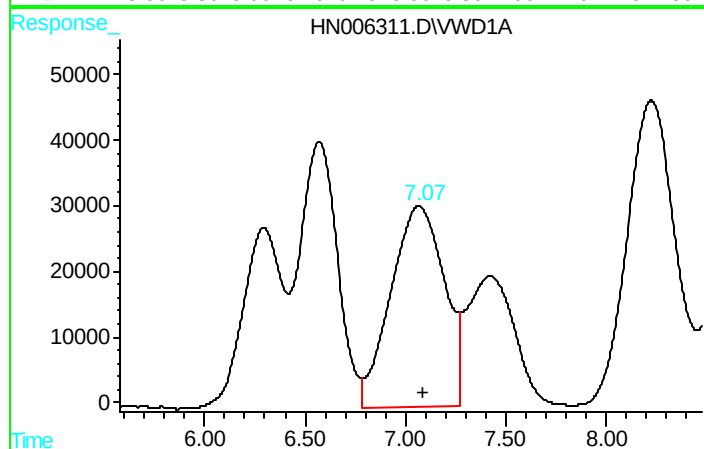
#9 2,4,6-Trinitrotoluene

R.T.: 6.571 min
Delta R.T.: -0.016 min
Response: 5276329
Conc: 491.41 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

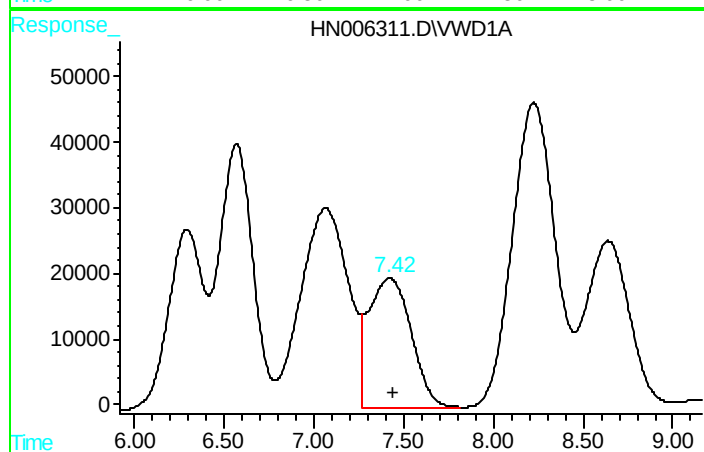
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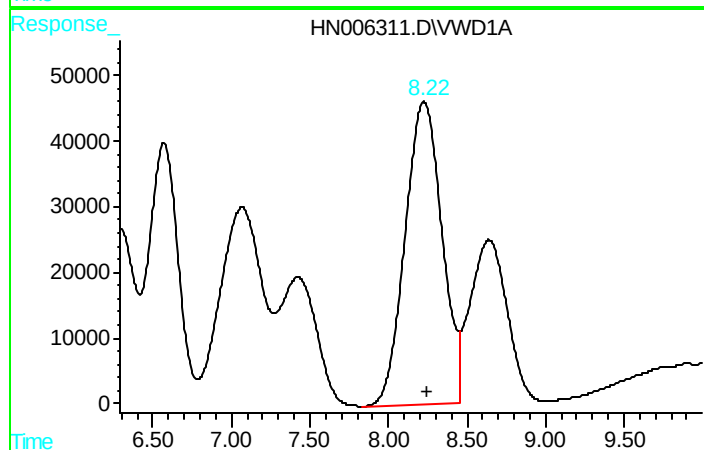
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.068 min
Delta R.T.: -0.020 min
Response: 5624897
Conc: 485.77 ug/L



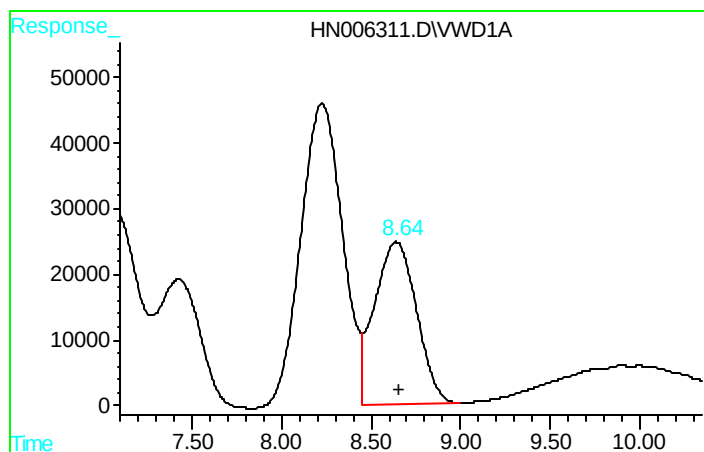
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.424 min
Delta R.T.: -0.016 min
Response: 3254138
Conc: 533.19 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.226 min
Delta R.T.: -0.016 min
Response: 7535010
Conc: 489.37 ug/L



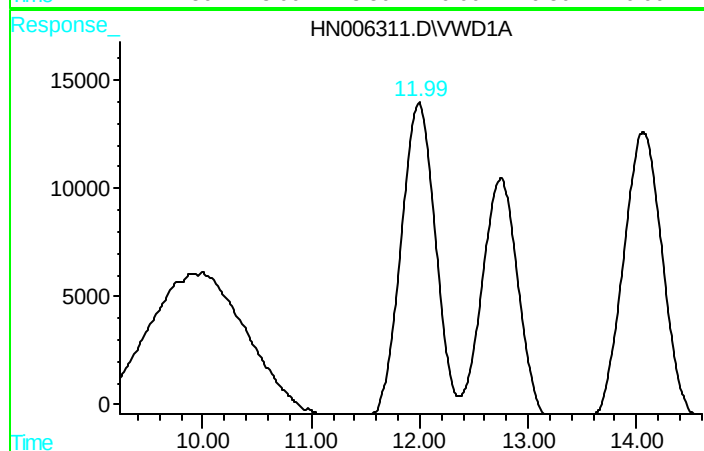
#13 2,6-Dinitrotoluene

R.T.: 8.641 min
Delta R.T.: -0.013 min
Response: 4060747
Conc: 479.11 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

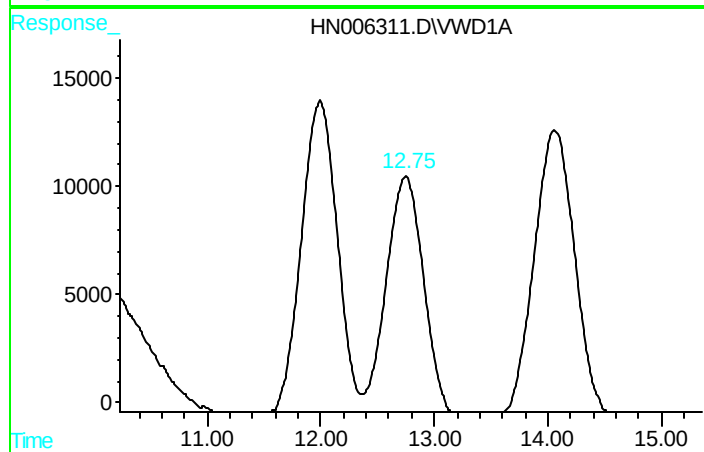
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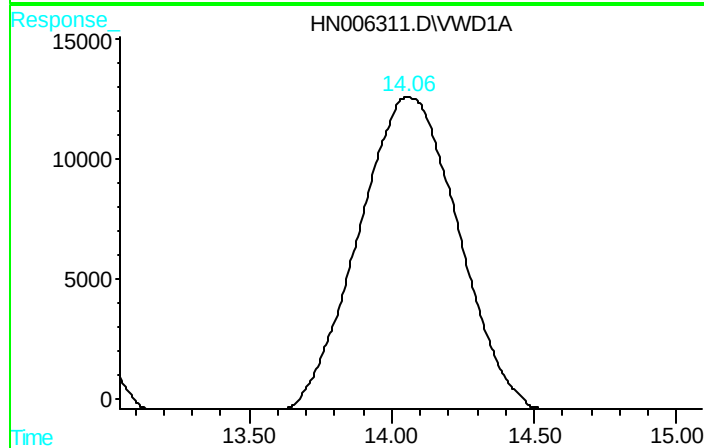
#14 2-Nitrotoluene

R.T.: 11.994 min
Delta R.T.: 0.005 min
Response: 3229204
Conc: 482.17 ug/L m



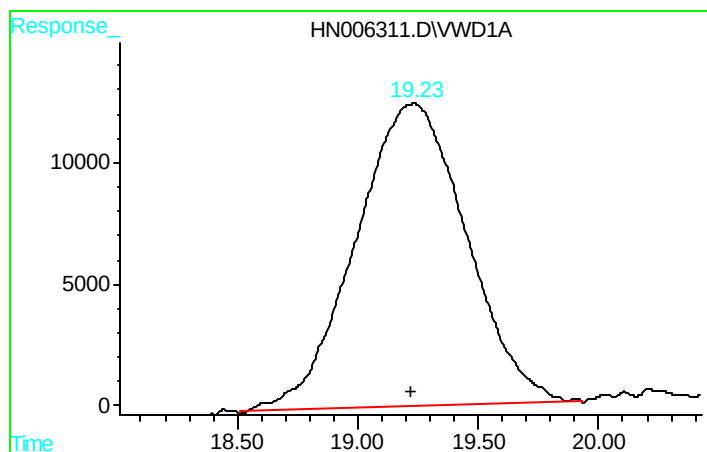
#15 4-Nitrotoluene

R.T.: 12.753 min
Delta R.T.: 0.007 min
Response: 2680642
Conc: 489.70 ug/L m



#16 3-Nitrotoluene

R.T.: 14.060 min
Delta R.T.: -0.004 min
Response: 3380593
Conc: 485.60 ug/L



#17 PETN

R.T.: 19.230 min
Delta R.T.: 0.007 min
Response: 3967920
Conc: 482.11 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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