

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006302.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006302.D\VWD1A.CH
 Acq On : 15-Oct-2014, 12:23 Operator: HNP
 Sample : PB79608BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:25 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79608BS

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:19:15 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	1.30	1252671	315.175 ug/L m
Target Compounds			
2) T HMX	0.87	1114151	230.368 ug/L
3) T RDX	1.69	1370303	249.939 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	2520025	234.979 ug/L
5) T 1,3-Dinitrobenzene	3.54	4105634	250.737 ng/ml
6) T 3,5-Dinitroaniline	3.89	3010897	258.383 ug/L
7) T Nitrobenzene	4.79	2483280	247.809 ug/L
8) T Tetryl	6.29	1738656	272.680 ug/L
9) T 2,4,6-Trinitrotoluene	6.57	2443312	227.559 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.06	2460387	212.480 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.41	1594334	261.232 ug/L m
12) T 2,4-Dinitrotoluene	8.23	3782161	245.636 ug/L
13) T 2,6-Dinitrotoluene	8.64	2016823	237.954 ug/L
14) T 2-Nitrotoluene	11.97	1613159	240.867 ug/L m
15) T 4-Nitrotoluene	12.73	1288891	235.455 ug/L m
16) T 3-Nitrotoluene	14.05	1633739	234.675 ug/L m
17) T PETN	19.28	2100927	255.266 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.

HN006302.D HN100214.M

Fri Oct 17 17:43:59 2014

RPT1

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006302.D\VWD1A.CH Vial:
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN101514\HN006302.D\VWD1A.CH
 Acq On : 15-Oct-2014, 12:23 Operator: HNP
 Sample : PB79608BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 10:25 2014 Quant Results File: HN100214.RES

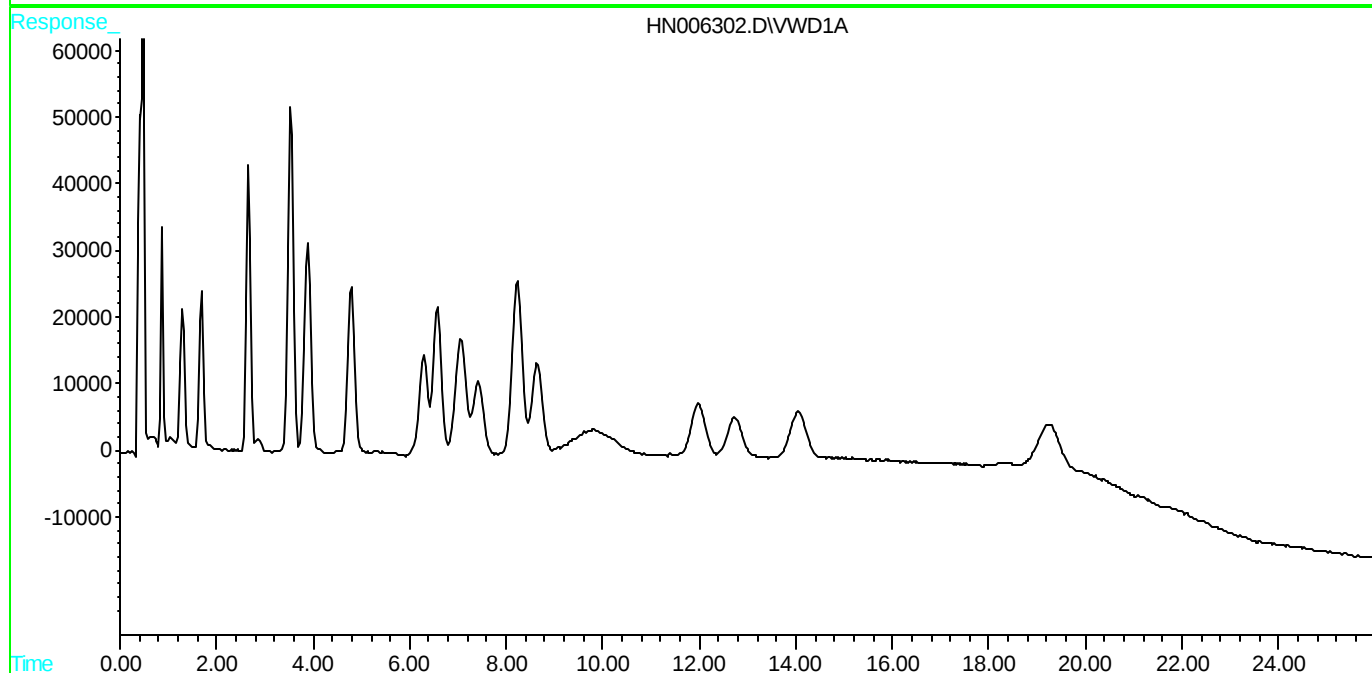
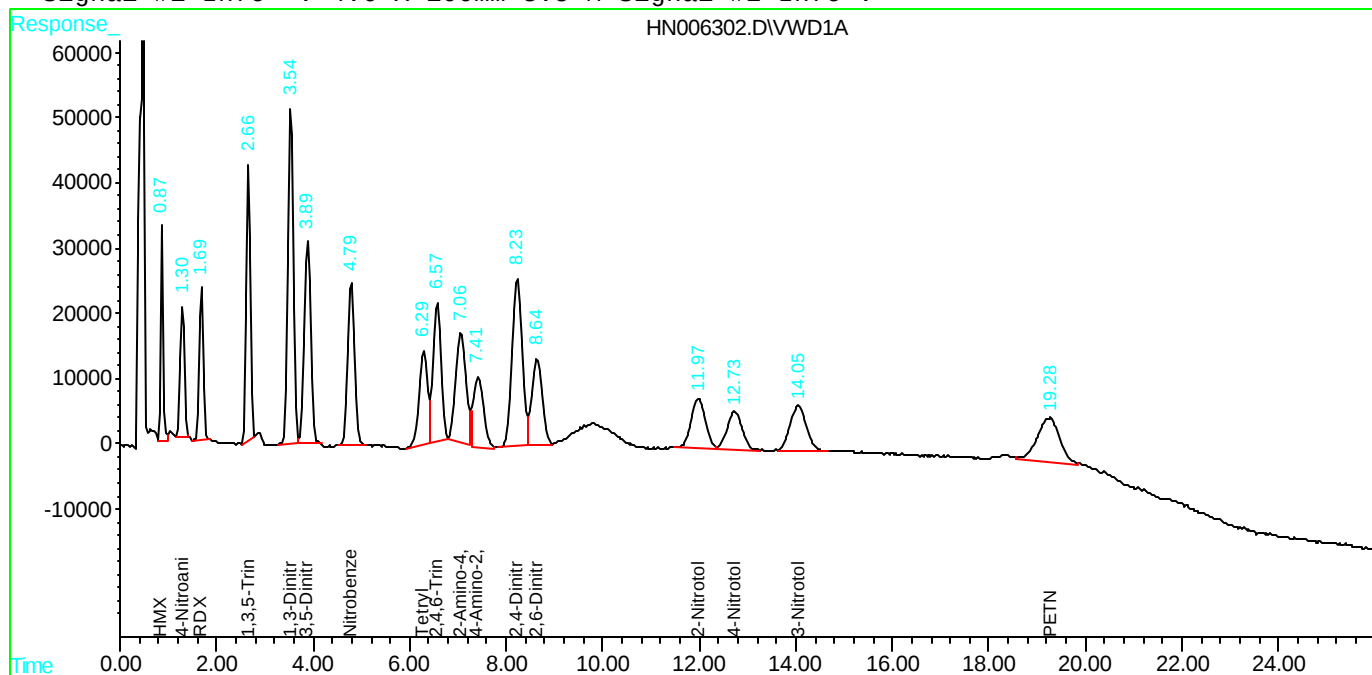
Instrument :
 HPLC_N
 ClientSampleId :
 PB79608BS

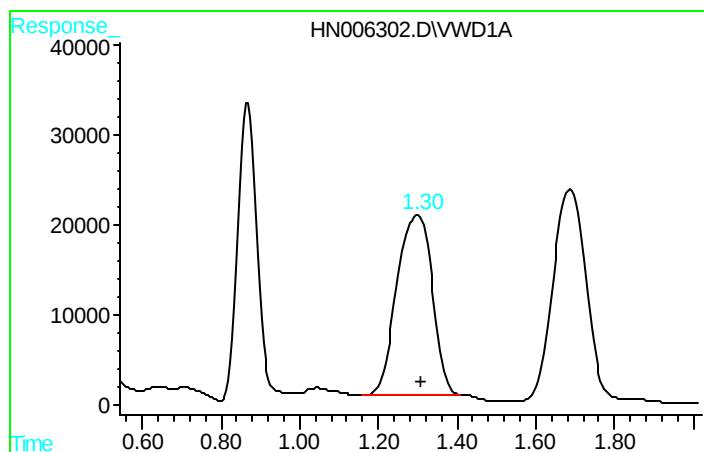
Manual Integrations
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 10/21/2014 10:19:15 AM

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 :





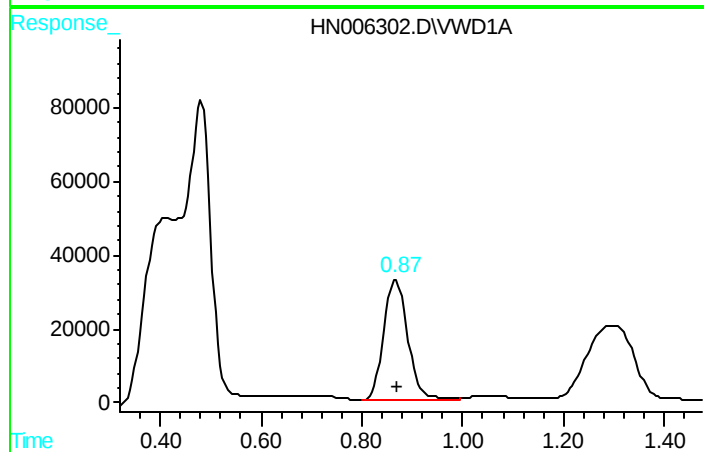
#1 4-Nitroaniline

R.T.: 1.298 min
 Delta R.T.: -0.010 min
 Response: 1252671
 Conc: 315.17 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79608BS

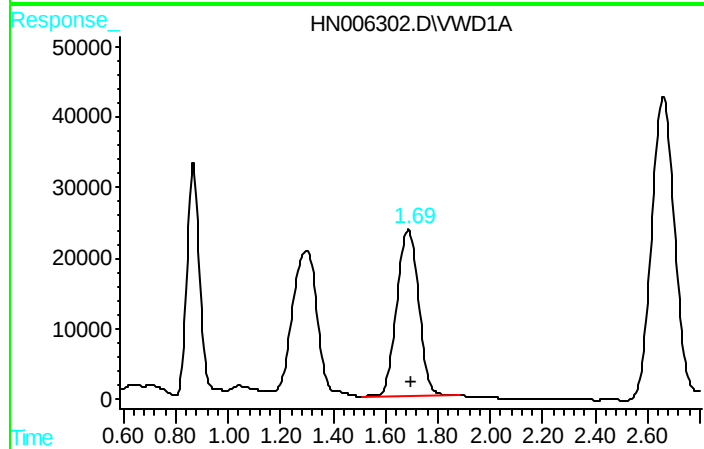
Manual Integrations
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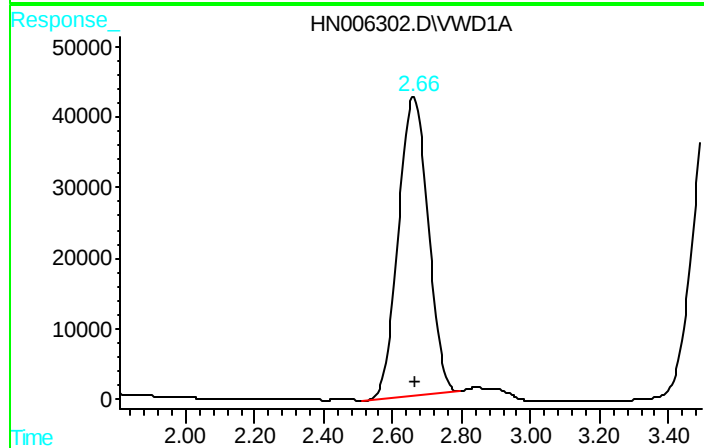
#2 HMX

R.T.: 0.868 min
 Delta R.T.: -0.003 min
 Response: 1114151
 Conc: 230.37 ug/L



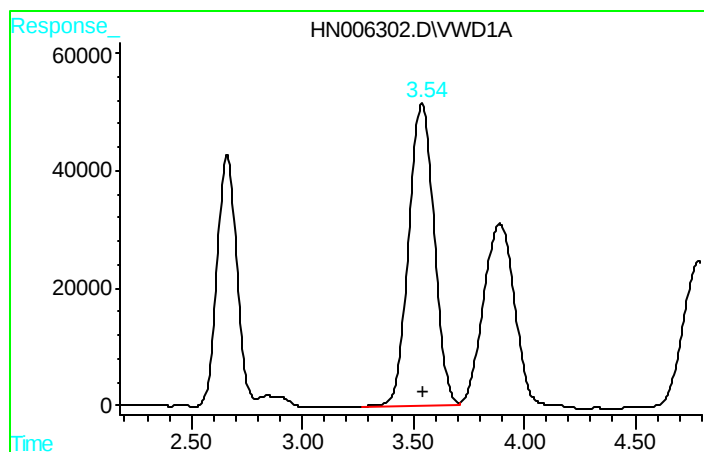
#3 RDX

R.T.: 1.689 min
 Delta R.T.: -0.006 min
 Response: 1370303
 Conc: 249.94 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.662 min
 Delta R.T.: -0.004 min
 Response: 2520025
 Conc: 234.98 ug/L



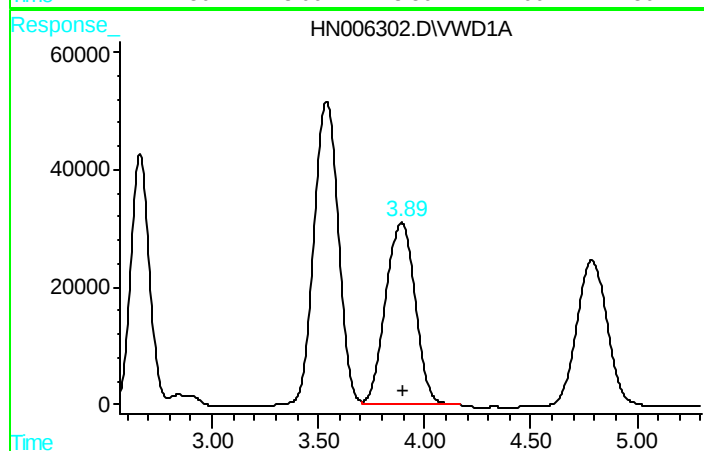
#5 1,3-Dinitrobenzene

R.T.: 3.540 min
Delta R.T.: -0.006 min
Response: 4105634
Conc: 250.74 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79608BS

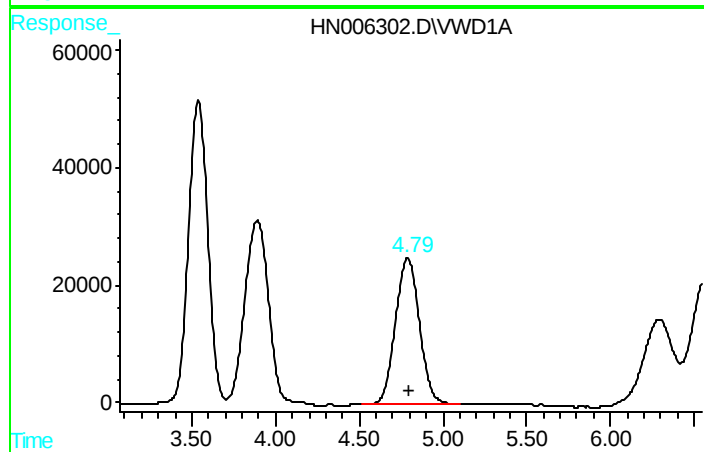
Manual Integrations
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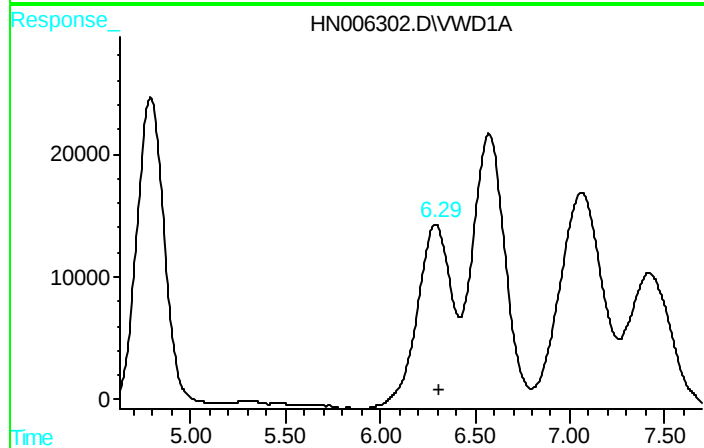
#6 3,5-Dinitroaniline

R.T.: 3.892 min
Delta R.T.: -0.011 min
Response: 3010897
Conc: 258.38 ug/L



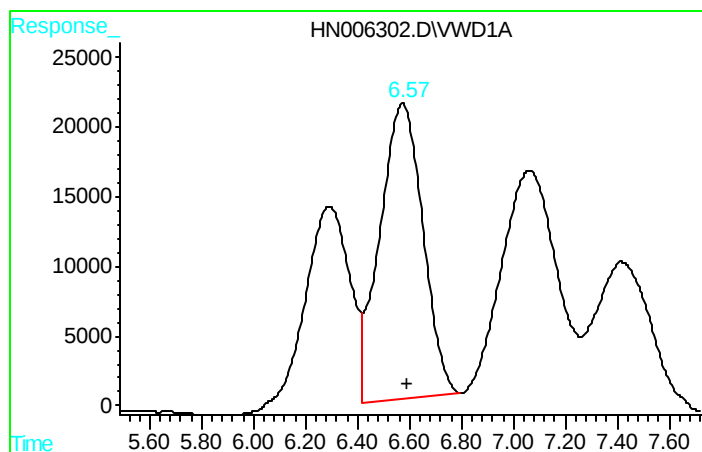
#7 Nitrobenzene

R.T.: 4.789 min
Delta R.T.: -0.005 min
Response: 2483280
Conc: 247.81 ug/L



#8 Tetryl

R.T.: 6.293 min
Delta R.T.: -0.019 min
Response: 1738656
Conc: 272.68 ug/L



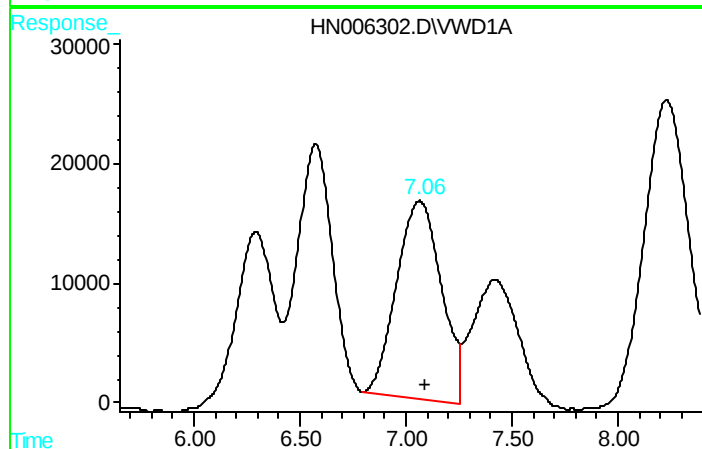
#9 2,4,6-Trinitrotoluene

R.T.: 6.574 min
Delta R.T.: -0.013 min
Response: 2443312
Conc: 227.56 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB79608BS

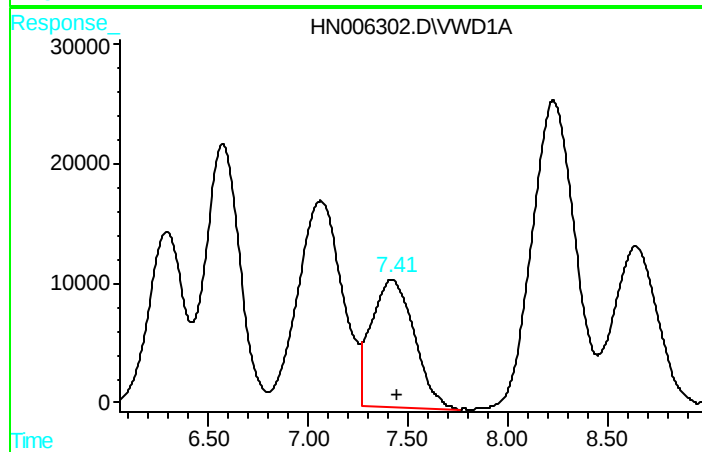
Manual Integrations
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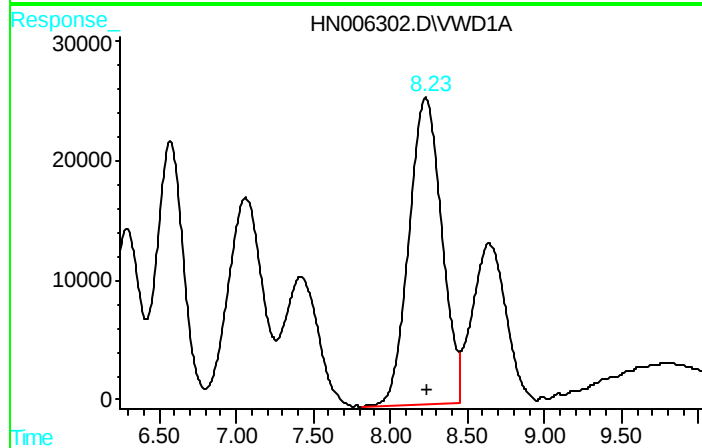
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.062 min
Delta R.T.: -0.027 min
Response: 2460387
Conc: 212.48 ug/L m



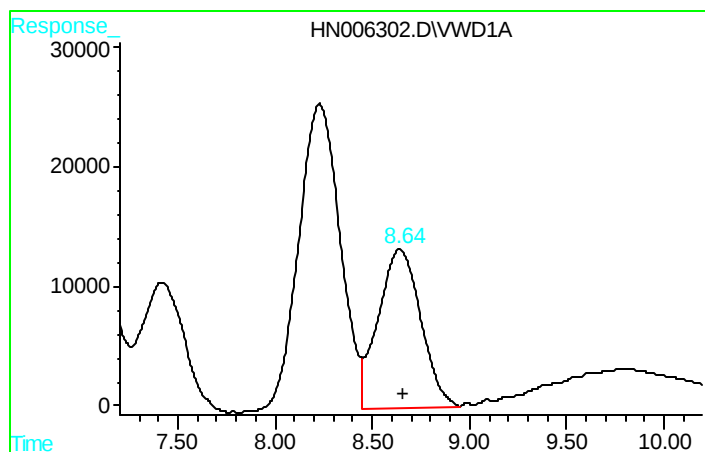
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.414 min
Delta R.T.: -0.027 min
Response: 1594334
Conc: 261.23 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.229 min
Delta R.T.: -0.012 min
Response: 3782161
Conc: 245.64 ug/L



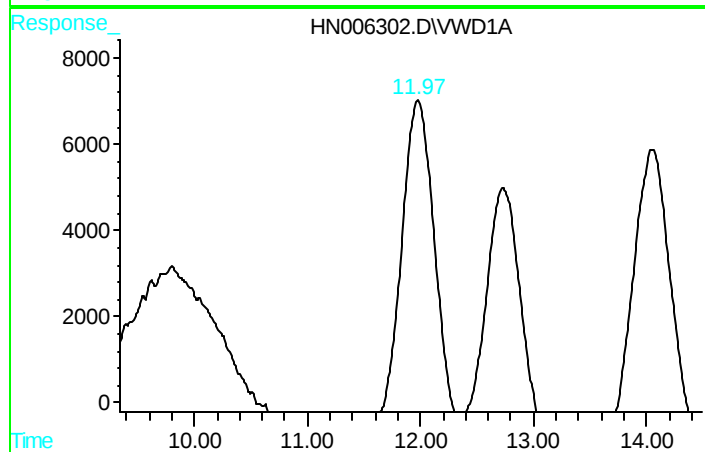
#13 2,6-Dinitrotoluene

R.T.: 8.641 min
Delta R.T.: -0.013 min
Response: 2016823
Conc: 237.95 ug/L

Instrument :
HPLC_N
ClientSampleId :
PB79608BS

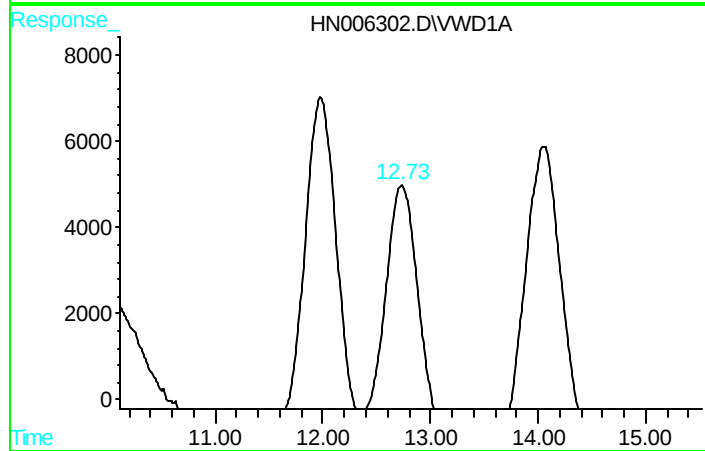
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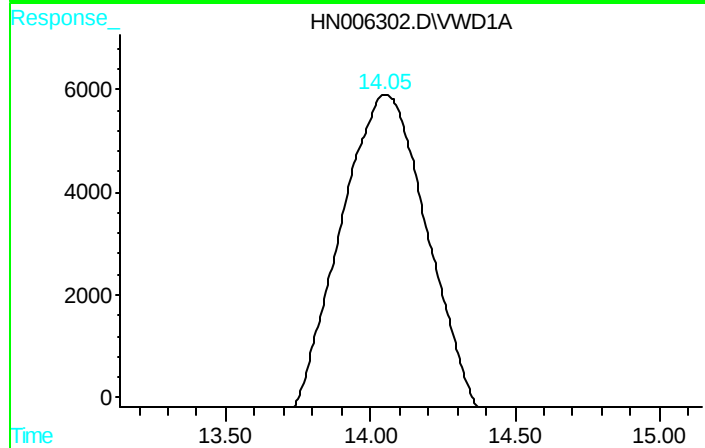
#14 2-Nitrotoluene

R.T.: 11.975 min
Delta R.T.: -0.014 min
Response: 1613159
Conc: 240.87 ug/L m



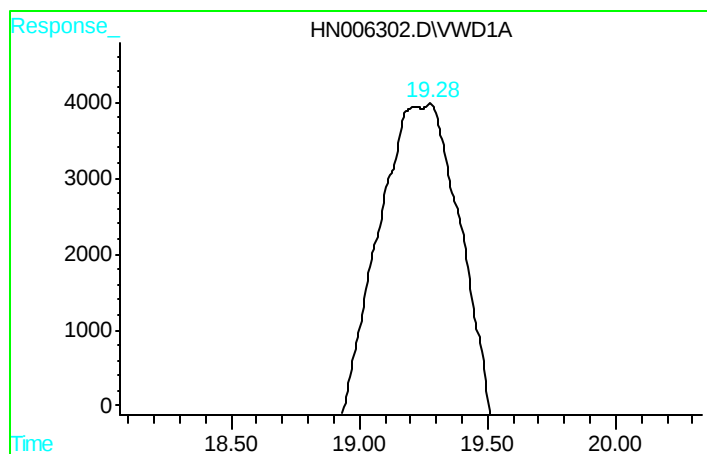
#15 4-Nitrotoluene

R.T.: 12.731 min
Delta R.T.: -0.015 min
Response: 1288891
Conc: 235.46 ug/L m



#16 3-Nitrotoluene

R.T.: 14.046 min
Delta R.T.: -0.018 min
Response: 1633739
Conc: 234.67 ug/L m



#17 PETN

R.T.: 19.279 min
Delta R.T.: 0.055 min
Response: 2100927
Conc: 255.27 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79608BS

Manual Integrations
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