

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006339.D\VWD1A.CH Vial: 37
 Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006339.D\VWD1A.CH
 Acq On : 16-Oct-2014, 05:39 Operator: HNP
 Sample : PB79618BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 11:48 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79618BS

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:21:05 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	610668	153.646 ug/L m
Target Compounds			
2) T HMX	0.87	562407	116.286 ug/L m
3) T RDX	1.69	699960	127.671 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	1293867	120.646 ug/L
5) T 1,3-Dinitrobenzene	3.54	2143410	130.901 ng/ml
6) T 3,5-Dinitroaniline	3.90	1566519	134.433 ug/L
7) T Nitrobenzene	4.79	1299665	129.695 ug/L
8) T Tetryl	6.29	932530	146.252 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	1422974	132.530 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.05	1398472	120.773 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.40	850034	139.278 ug/L m
12) T 2,4-Dinitrotoluene	8.22	1995810	129.620 ug/L m
13) T 2,6-Dinitrotoluene	8.63	1043883	123.162 ug/L m
14) T 2-Nitrotoluene	11.98	870487	129.976 ug/L m
15) T 4-Nitrotoluene	12.74	649465	118.645 ug/L m
16) T 3-Nitrotoluene	14.05	810883	116.477 ug/L m
17) T PETN	19.19	1467835	178.344 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.

HN006339.D HN100214.M

Thu Oct 30 05:17:04 2014

Quantitation Report

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006339.D\VWD1A.CH Vial: 37
Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006339.D\VWD1A.CH
Acq On : 16-Oct-2014, 05:39 Operator: HNP
Sample : PB79618BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 16 11:48 2014 Quant Results File: HN100214.RES

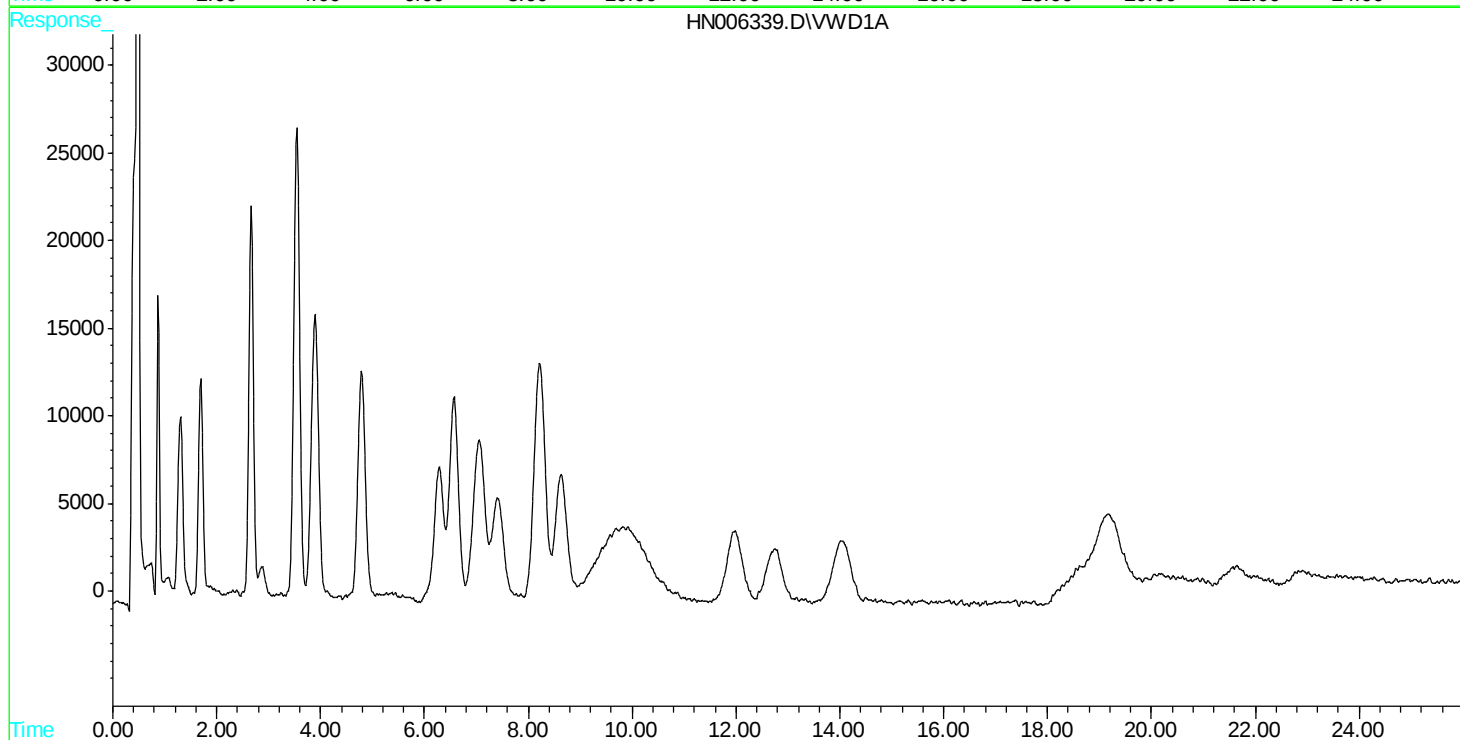
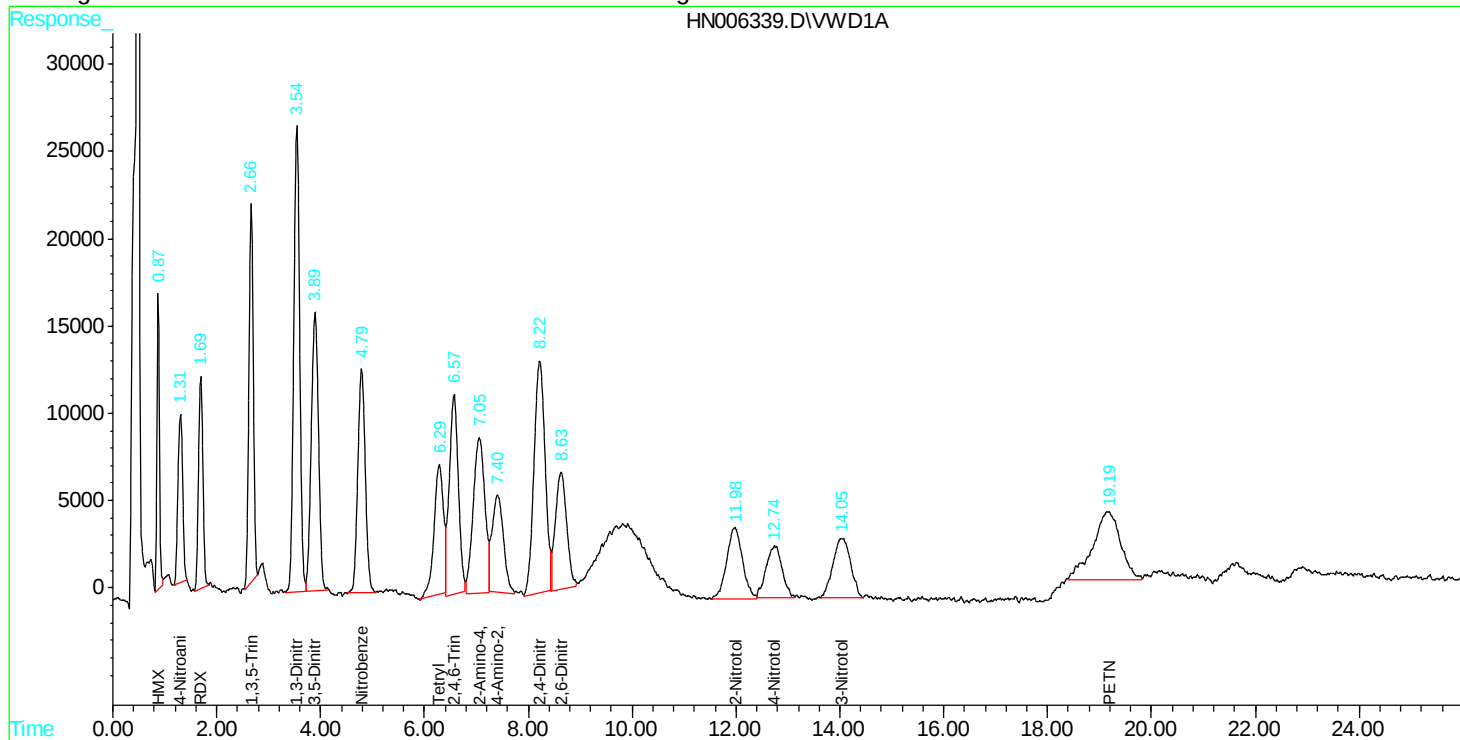
Instrument :
HPLC_N
ClientSampleId :
PB79618BS

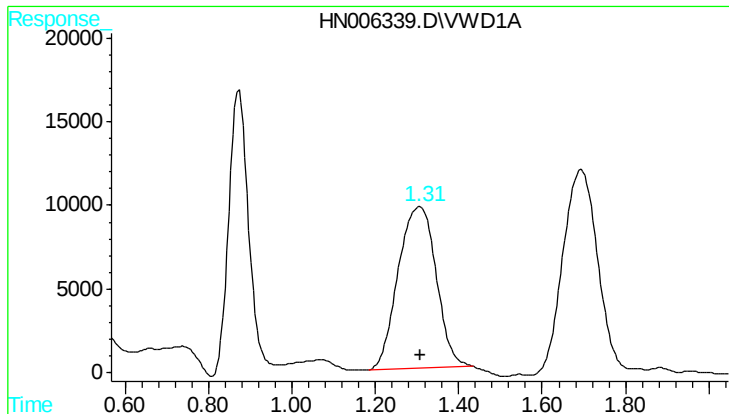
Manual Integrations
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10/21/2014 10:21:05 AM

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 :





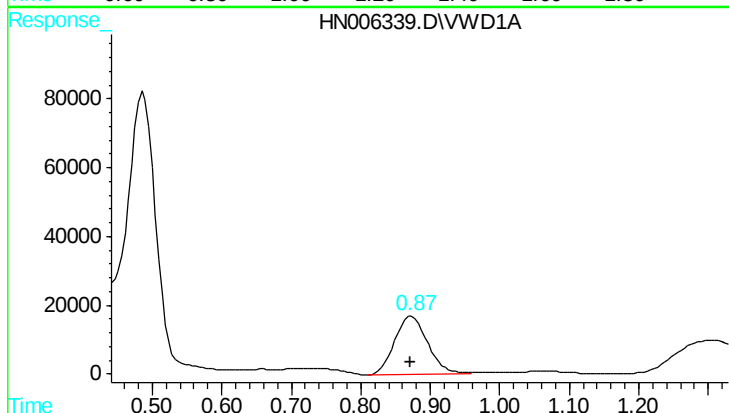
#1 4-Nitroaniline

R.T.: 1.305 min
Delta R.T.: -0.003 min
Response: 610668
Conc: 153.65 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79618BS

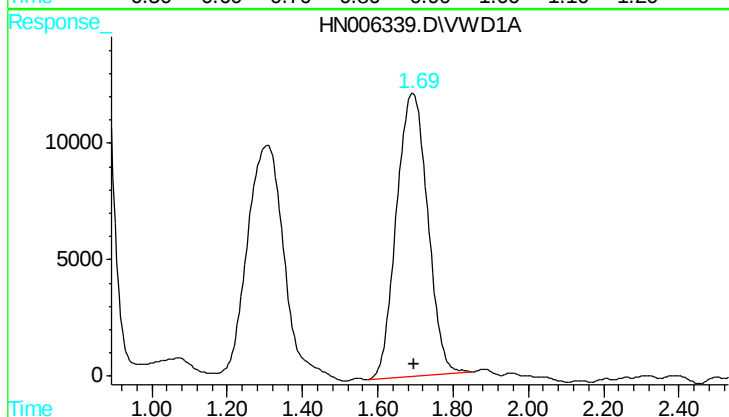
Manual Integrations
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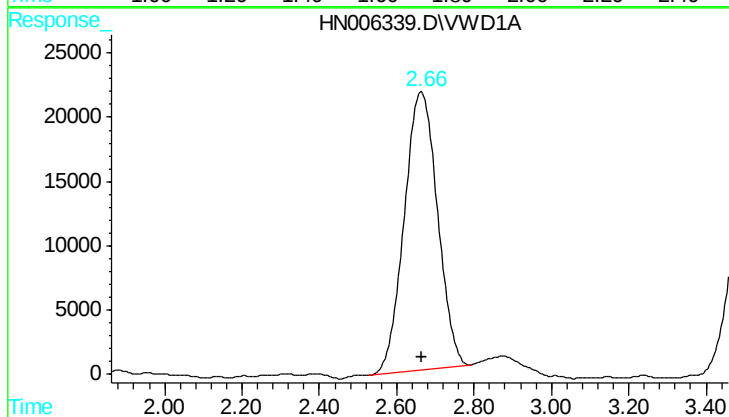
#2 HMX

R.T.: 0.871 min
Delta R.T.: 0.000 min
Response: 562407
Conc: 116.29 ug/L m



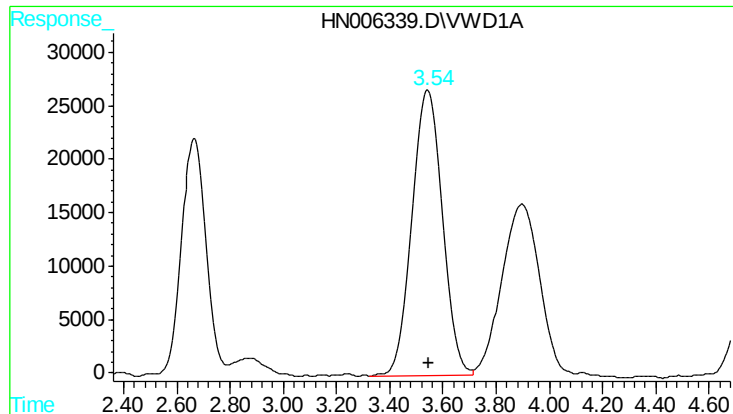
#3 RDX

R.T.: 1.694 min
Delta R.T.: -0.001 min
Response: 699960
Conc: 127.67 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.664 min
Delta R.T.: -0.001 min
Response: 1293867
Conc: 120.65 ug/L



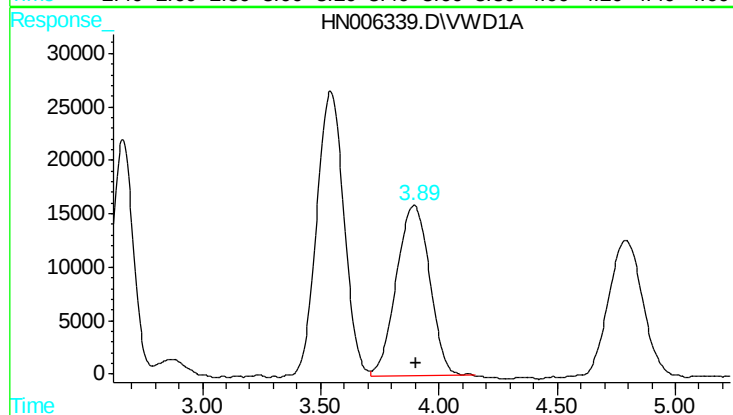
#5 1,3-Dinitrobenzene

R.T.: 3.543 min
 Delta R.T.: -0.002 min
 Response: 2143410
 Conc: 130.90 ng/ml

Instrument :
 HPLC_N
 ClientSampleId :
 PB79618BS

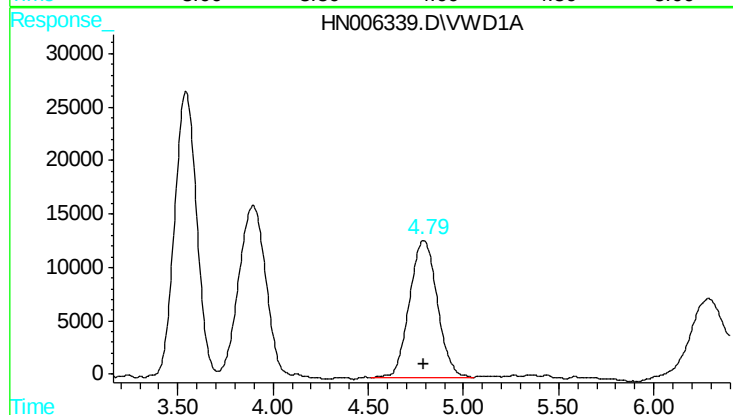
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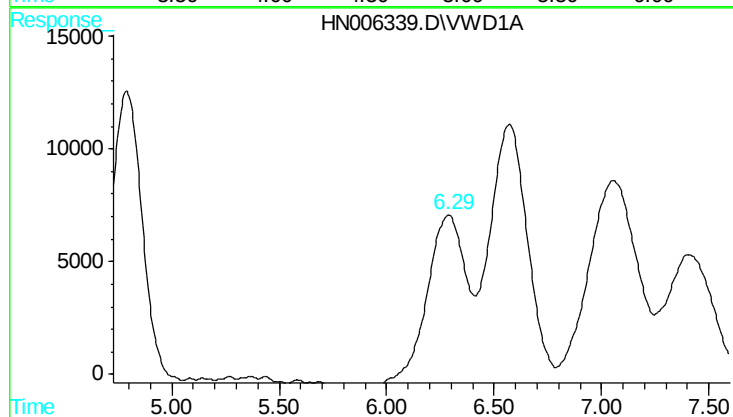
#6 3,5-Dinitroaniline

R.T.: 3.896 min
 Delta R.T.: -0.006 min
 Response: 1566519
 Conc: 134.43 ug/L



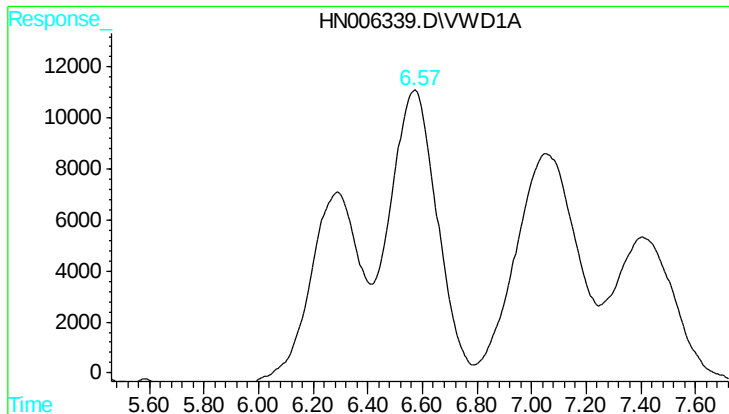
#7 Nitrobenzene

R.T.: 4.791 min
 Delta R.T.: -0.003 min
 Response: 1299665
 Conc: 129.69 ug/L



#8 Tetryl

R.T.: 6.287 min
 Delta R.T.: -0.025 min
 Response: 932530
 Conc: 146.25 ug/L m



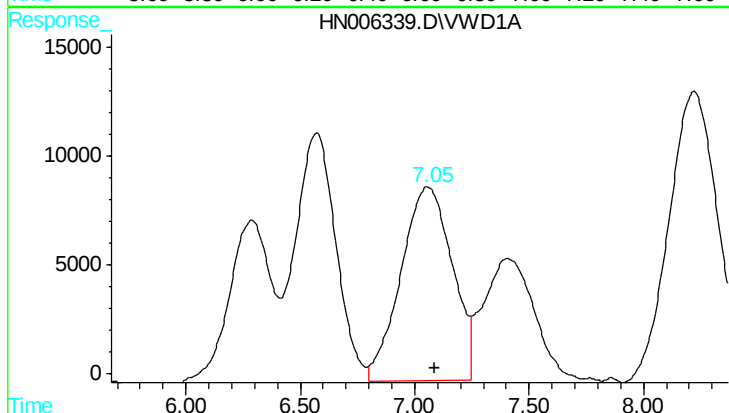
#9 2,4,6-Trinitrotoluene

R.T.: 6.571 min
Delta R.T.: -0.016 min
Response: 1422974
Conc: 132.53 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79618BS

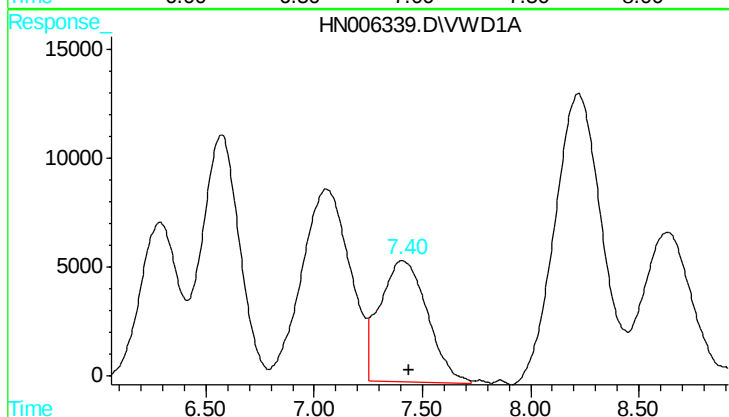
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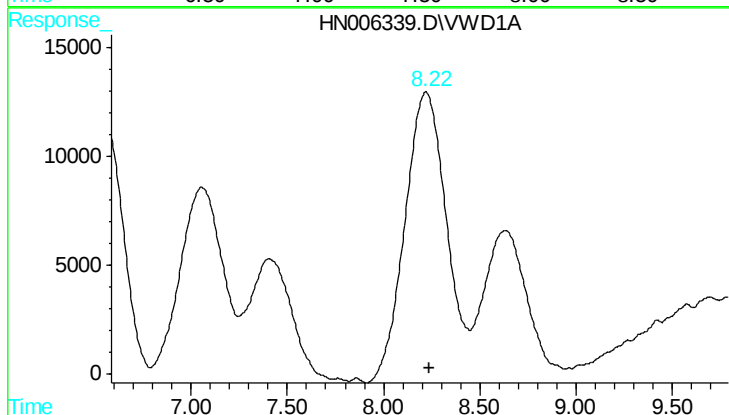
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.053 min
Delta R.T.: -0.035 min
Response: 1398472
Conc: 120.77 ug/L m



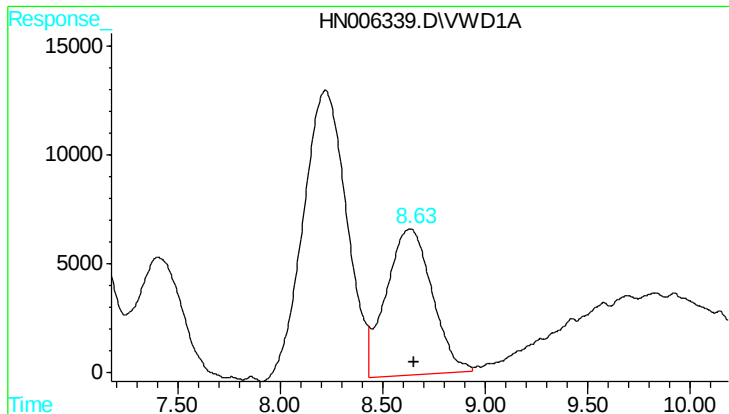
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.404 min
Delta R.T.: -0.037 min
Response: 850034
Conc: 139.28 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.220 min
Delta R.T.: -0.021 min
Response: 1995810
Conc: 129.62 ug/L m



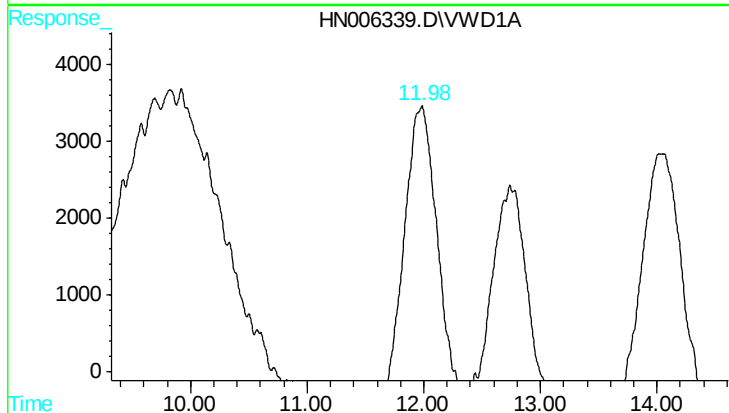
#13 2,6-Dinitrotoluene

R.T.: 8.633 min
 Delta R.T.: -0.021 min
 Response: 1043883
 Conc: 123.16 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79618BS

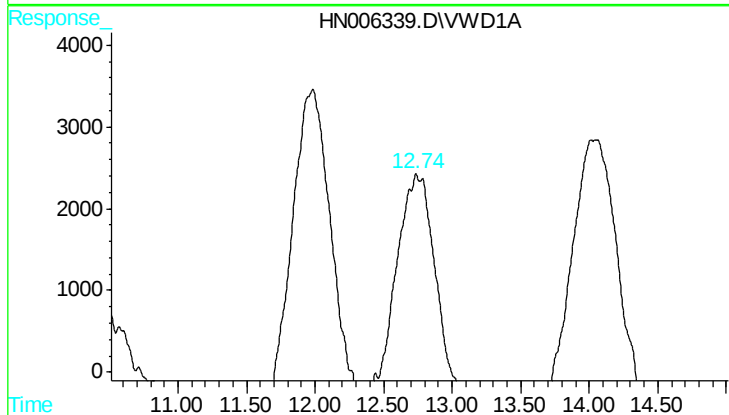
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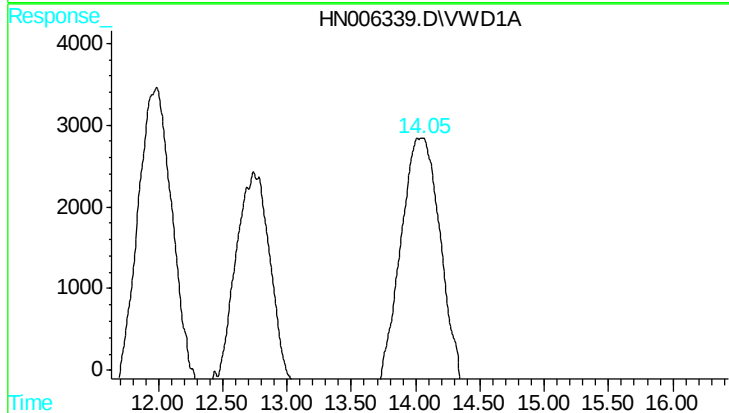
#14 2-Nitrotoluene

R.T.: 11.985 min
 Delta R.T.: -0.005 min
 Response: 870487
 Conc: 129.98 ug/L m



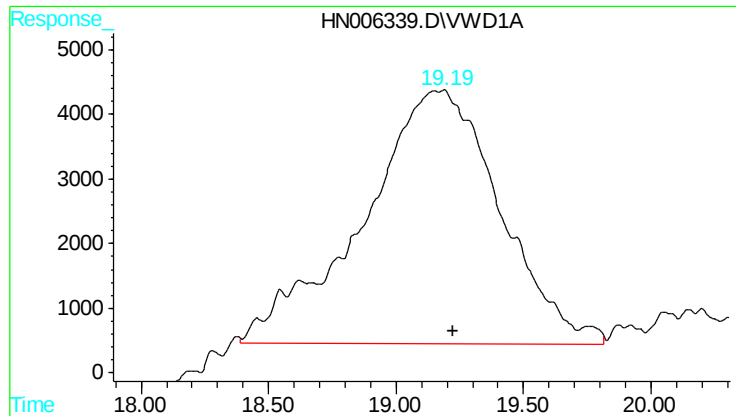
#15 4-Nitrotoluene

R.T.: 12.736 min
 Delta R.T.: -0.010 min
 Response: 649465
 Conc: 118.64 ug/L m



#16 3-Nitrotoluene

R.T.: 14.046 min
 Delta R.T.: -0.019 min
 Response: 810883
 Conc: 116.48 ug/L m



#17 PETN

R.T.: 19.188 min
Delta R.T.: -0.035 min
Response: 1467835
Conc: 178.34 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79618BS

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