

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006951.D\VWD1A.CH Vial: 67
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006951.D\VWD1A.CH
 Acq On : 01-Nov-2014, 23:13 Operator: TP
 Sample : PB79759BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 4:14 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 ClientSampleId :
 PB79759BS

Manual Integrations
 APPROVED

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 11/14/2014 10:36:14 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	617704	169.920 ug/L m
Target Compounds			
2) T HMX	0.87	576025	132.108 ug/L
3) T RDX	1.69	678490	132.637 ug/L m
4) T 1,3,5-Trinitrobenzene	2.66	1344596	131.357 ug/L
5) T 1,3-Dinitrobenzene	3.53	2164397	136.968 ng/ml
6) T 3,5-Dinitroaniline	3.90	1563961	139.464 ug/L
7) T Nitrobenzene	4.77	1235353	129.695 ug/L m
8) T Tetryl	6.28	604418	122.697 ug/L m
9) T 2,4,6-Trinitrotoluene	6.54	1379962	136.089 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	1251484	111.817 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.43	794244	139.966 ug/L m
12) T 2,4-Dinitrotoluene	8.20	1938467	130.712 ug/L m
13) T 2,6-Dinitrotoluene	8.63	1038523	129.533 ug/L m
14) T 2-Nitrotoluene	11.91	867004	136.991 ug/L m
15) T 4-Nitrotoluene	12.65	707863	139.158 ug/L m
16) T 3-Nitrotoluene	13.95	848012	125.329 ug/L m
17) T PETN	19.07	1380582	164.563 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.

HN006951.D HN103114.M Sat Nov 08 04:50:28 2014

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006951.D\VWD1A.CH Vial: 67
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006951.D\VWD1A.CH
Acq On : 01-Nov-2014, 23:13 Operator: TP
Sample : PB79759BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 4:14 2014 Quant Results File: HN103114.RES

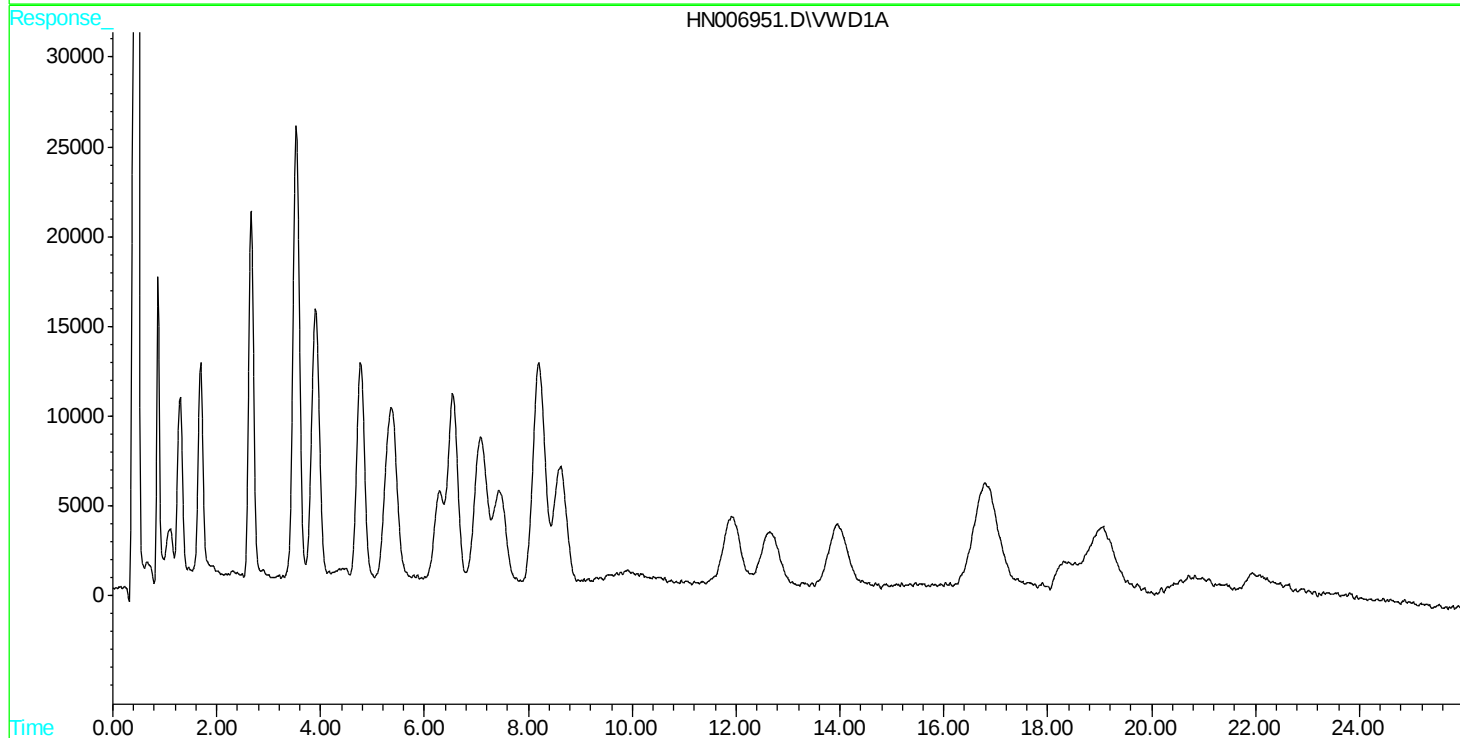
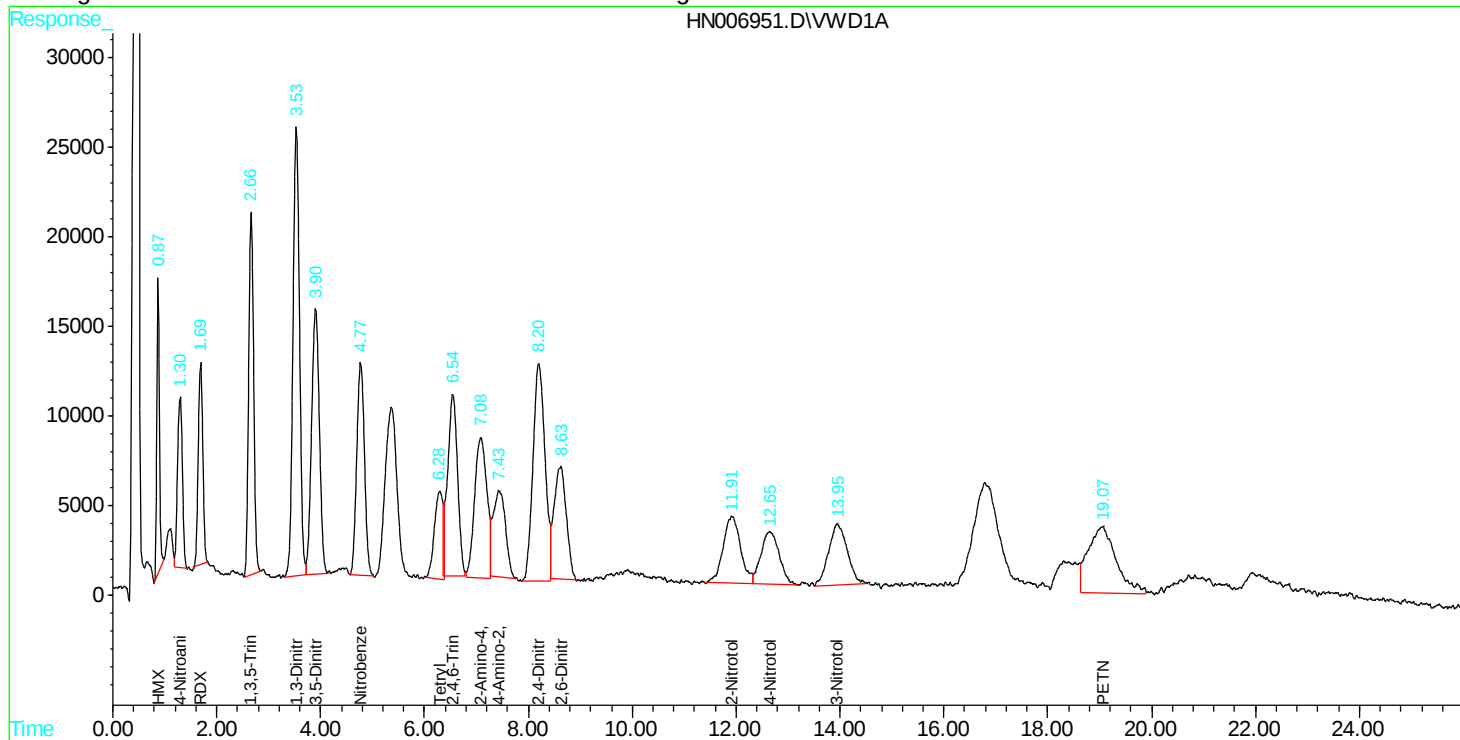
Instrument :
HPLC_N
ClientSampleId :
PB79759BS

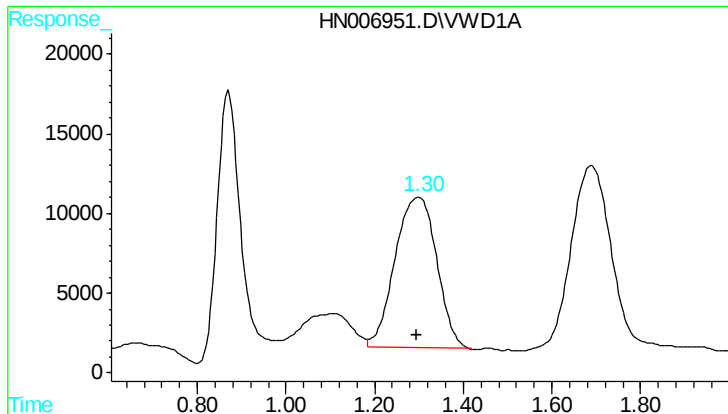
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





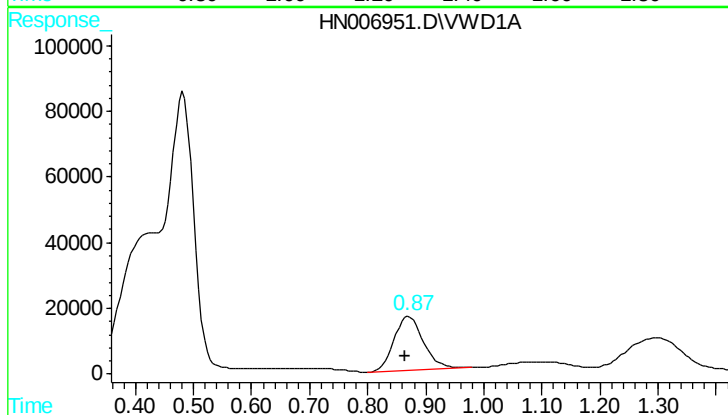
#1 4-Nitroaniline

R.T.: 1.298 min
 Delta R.T.: 0.002 min
 Response: 617704
 Conc: 169.92 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79759BS

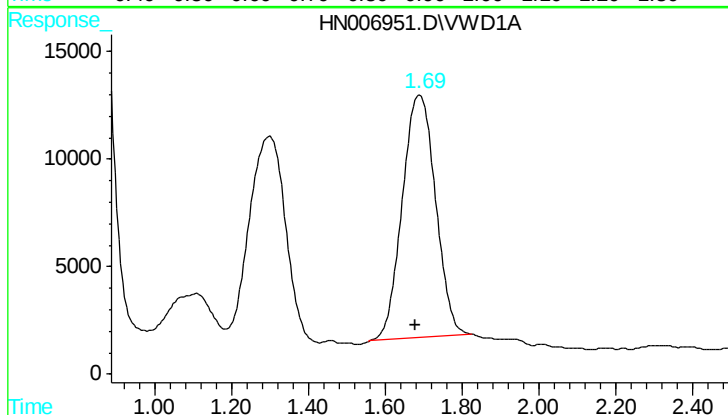
Manual Integrations
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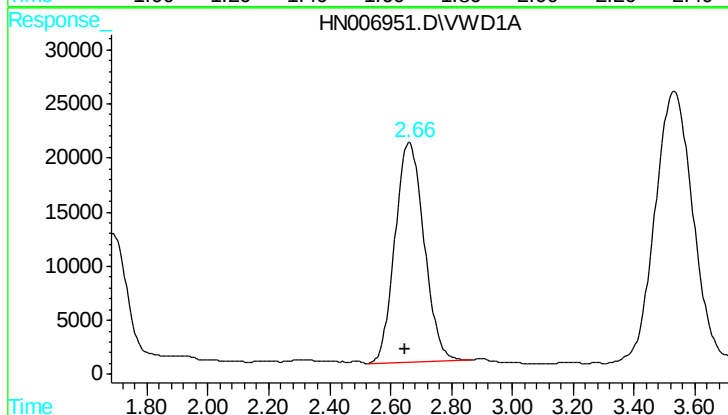
#2 HMX

R.T.: 0.871 min
 Delta R.T.: 0.005 min
 Response: 576025
 Conc: 132.11 ug/L



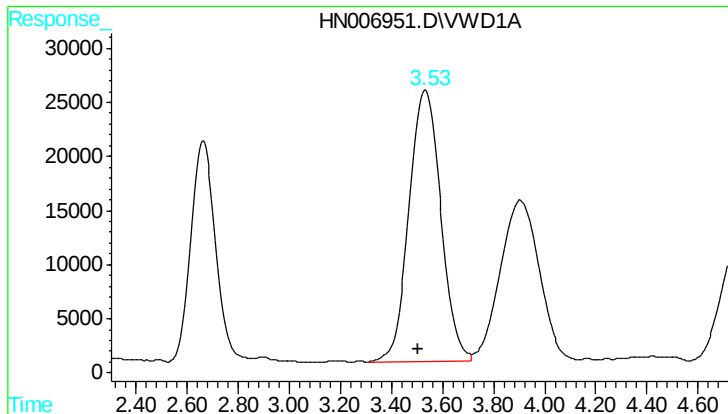
#3 RDX

R.T.: 1.688 min
 Delta R.T.: 0.009 min
 Response: 678490
 Conc: 132.64 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.662 min
 Delta R.T.: 0.015 min
 Response: 1344596
 Conc: 131.36 ug/L



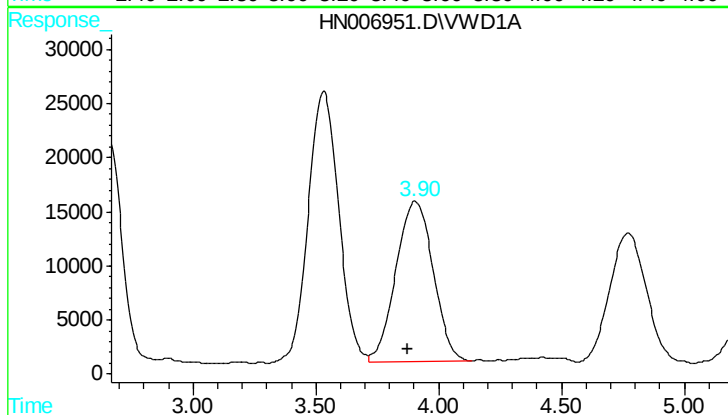
#5 1,3-Dinitrobenzene

R.T.: 3.532 min
Delta R.T.: 0.026 min
Response: 2164397
Conc: 136.97 ng/ml

Instrument :
HPLC_N
ClientSampleId :
PB79759BS

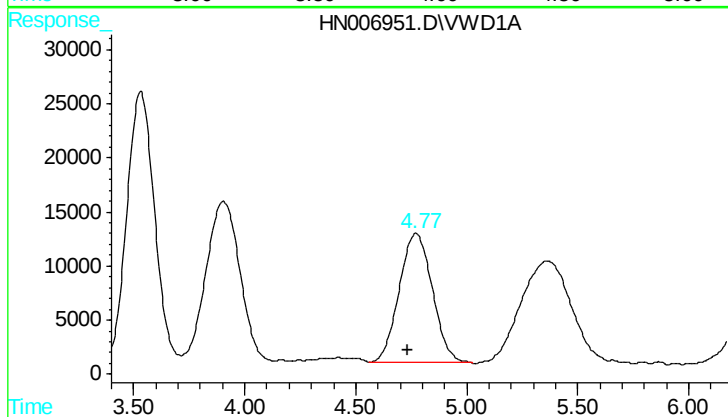
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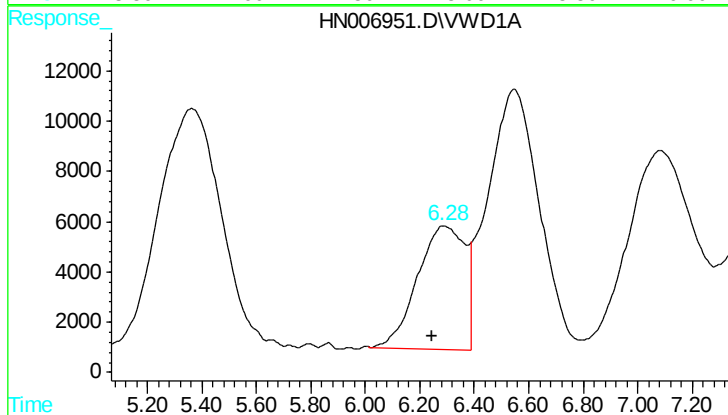
#6 3,5-Dinitroaniline

R.T.: 3.904 min
Delta R.T.: 0.031 min
Response: 1563961
Conc: 139.46 ug/L



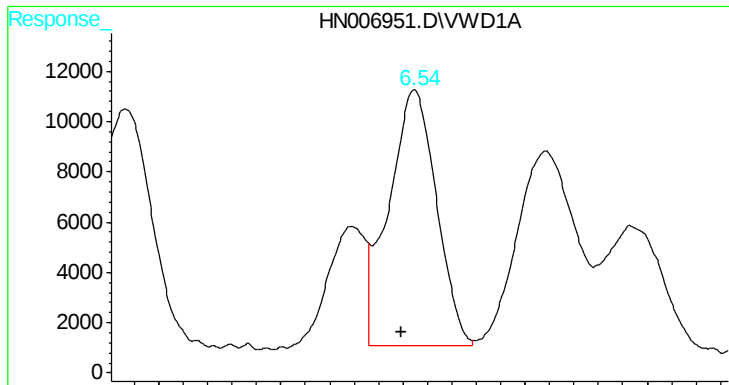
#7 Nitrobenzene

R.T.: 4.770 min
Delta R.T.: 0.033 min
Response: 1235353
Conc: 129.70 ug/L m



#8 Tetryl

R.T.: 6.284 min
Delta R.T.: 0.040 min
Response: 604418
Conc: 122.70 ug/L m



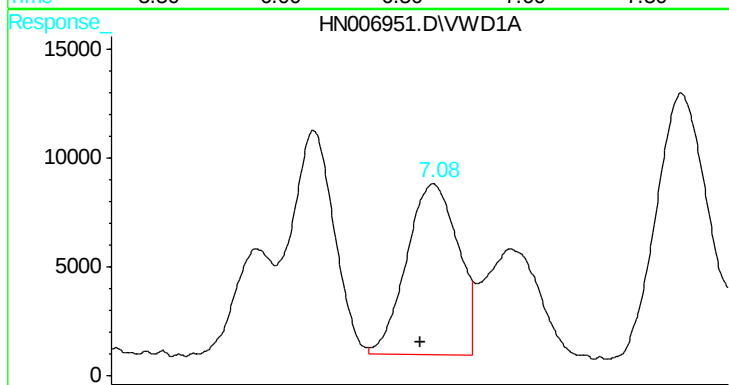
#9 2,4,6-Trinitrotoluene

R.T.: 6.544 min
Delta R.T.: 0.048 min
Response: 1379962
Conc: 136.09 ug/L m

Instrument :
HPLC_N
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PB79759BS

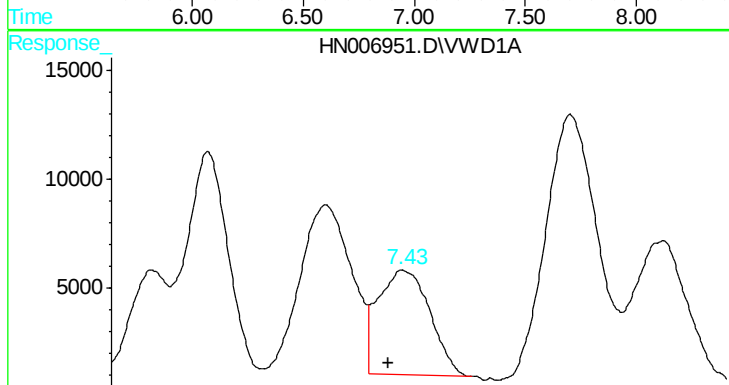
Manual Integrations
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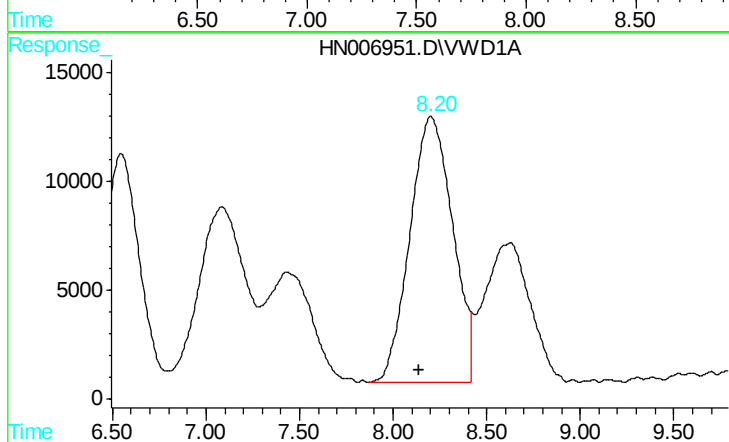
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.084 min
Delta R.T.: 0.057 min
Response: 1251484
Conc: 111.82 ug/L m



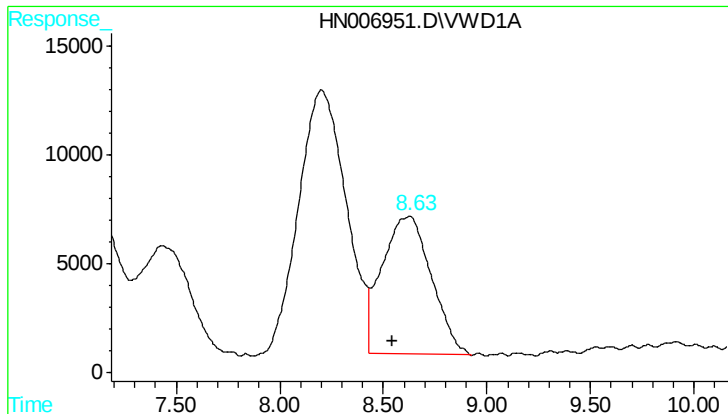
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.428 min
Delta R.T.: 0.059 min
Response: 794244
Conc: 139.97 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.199 min
Delta R.T.: 0.060 min
Response: 1938467
Conc: 130.71 ug/L m



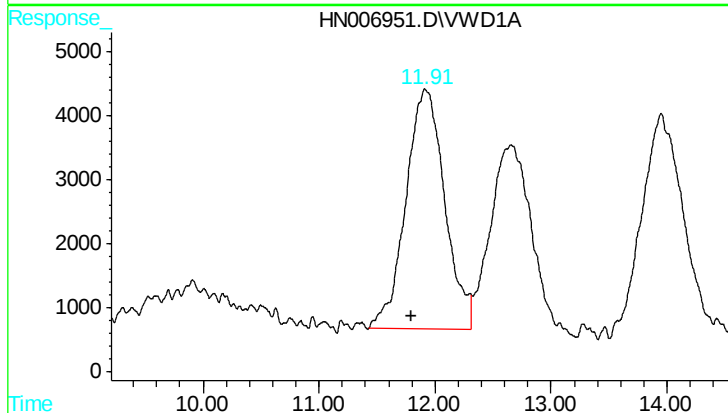
#13 2,6-Dinitrotoluene

R.T.: 8.629 min
 Delta R.T.: 0.088 min
 Response: 1038523
 Conc: 129.53 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 PB79759BS

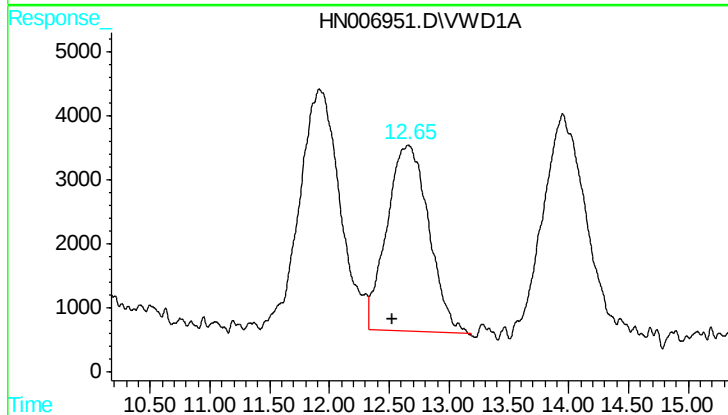
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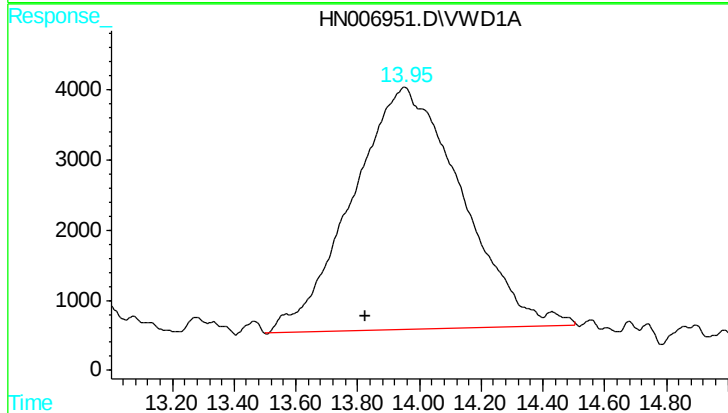
#14 2-Nitrotoluene

R.T.: 11.911 min
 Delta R.T.: 0.116 min
 Response: 867004
 Conc: 136.99 ug/L m



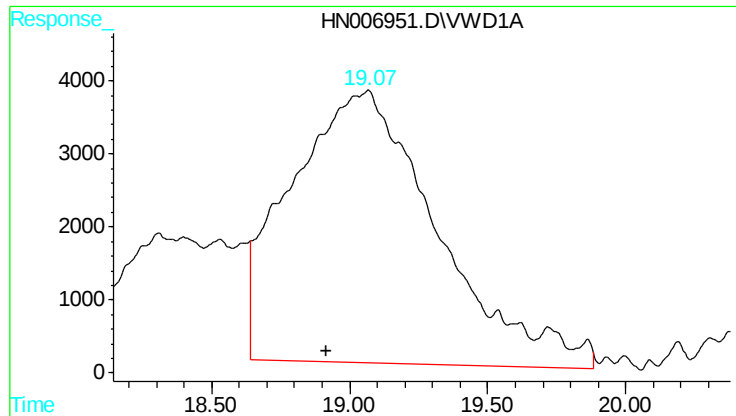
#15 4-Nitrotoluene

R.T.: 12.653 min
 Delta R.T.: 0.130 min
 Response: 707863
 Conc: 139.16 ug/L m



#16 3-Nitrotoluene

R.T.: 13.951 min
 Delta R.T.: 0.124 min
 Response: 848012
 Conc: 125.33 ug/L m



#17 PETN

R.T.: 19.065 min
Delta R.T.: 0.150 min
Response: 1380582
Conc: 164.56 ug/L m

Instrument :
HPLC_N
ClientSampleId :
PB79759BS

Manual Integrations
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