

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006542.D\VWD1A.CH Vial: 1
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006542.D\VWD1A.CH
 Acq On : 24-Oct-2014, 11:57 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 3:38 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/3/2014 11:51:22 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Mon Oct 27 03:28:26 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	1628786	409.806 ug/L
Target Compounds			
2) T HMX	0.87	2140167	442.512 ug/L
3) T RDX	1.70	2621901	478.227 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5490054	511.919 ug/L
5) T 1,3-Dinitrobenzene	3.54	8356845	510.365 ng/ml
6) T 3,5-Dinitroaniline	3.89	5829290	500.247 ug/L m
7) T Nitrobenzene	4.78	4944287	493.395 ug/L m
8) T Tetryl	6.28	3221351	505.217 ug/L m
9) T 2,4,6-Trinitrotoluene	6.55	5492832	511.578 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.05	5753227	496.851 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.41	3236458	530.294 ug/L m
12) T 2,4-Dinitrotoluene	8.20	7855487	510.182 ug/L m
13) T 2,6-Dinitrotoluene	8.61	4094705	483.112 ug/L m
14) T 2-Nitrotoluene	11.94	3289689	491.197 ug/L m
15) T 4-Nitrotoluene	12.69	2625481	479.624 ug/L m
16) T 3-Nitrotoluene	14.01	3478366	499.642 ug/L m
17) T PETN	19.18	5155471	626.397 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.

HN006542.D HN100214.M Sat Nov 08 00:27:16 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006542.D\VWD1A.CH Vial: 1
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006542.D\VWD1A.CH
Acq On : 24-Oct-2014, 11:57 Operator: HNP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 3:38 2014 Quant Results File: HN100214.RES

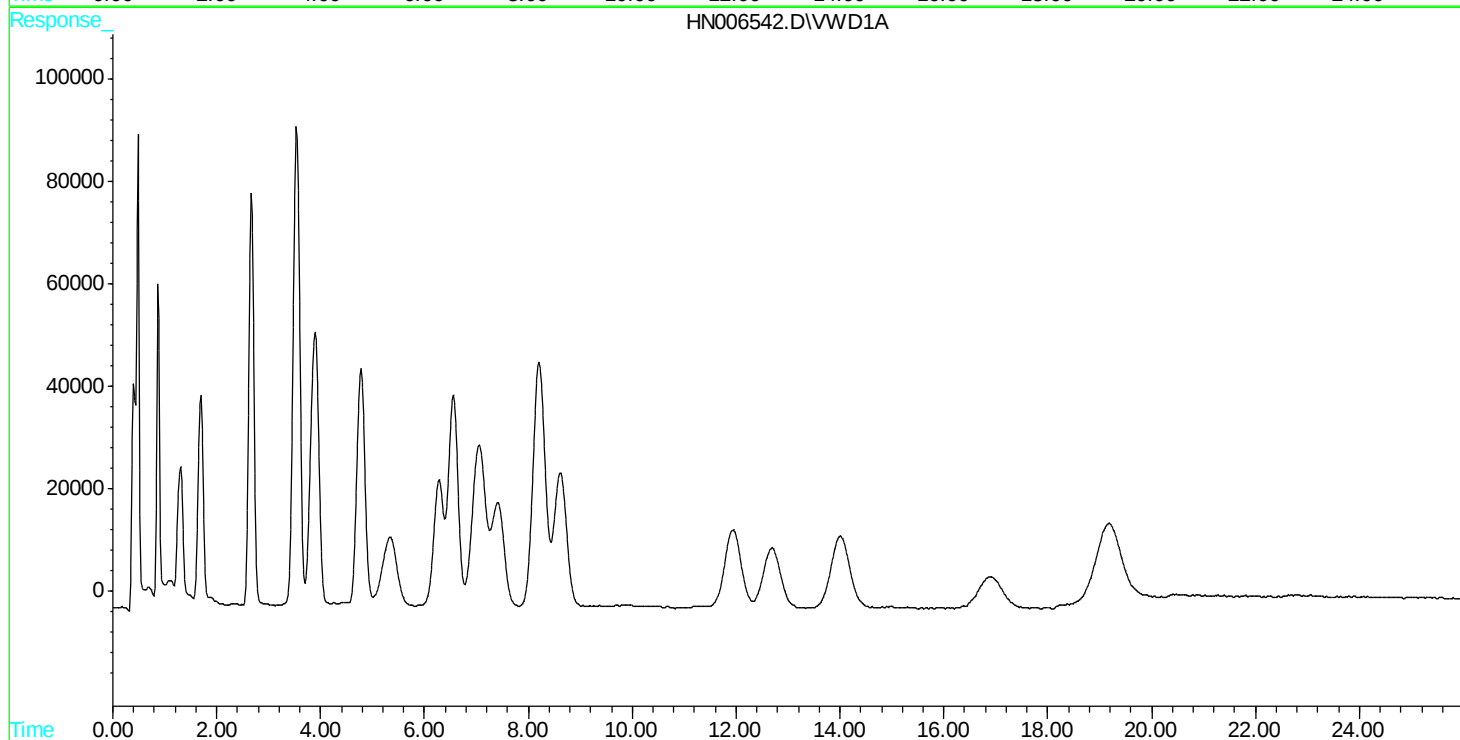
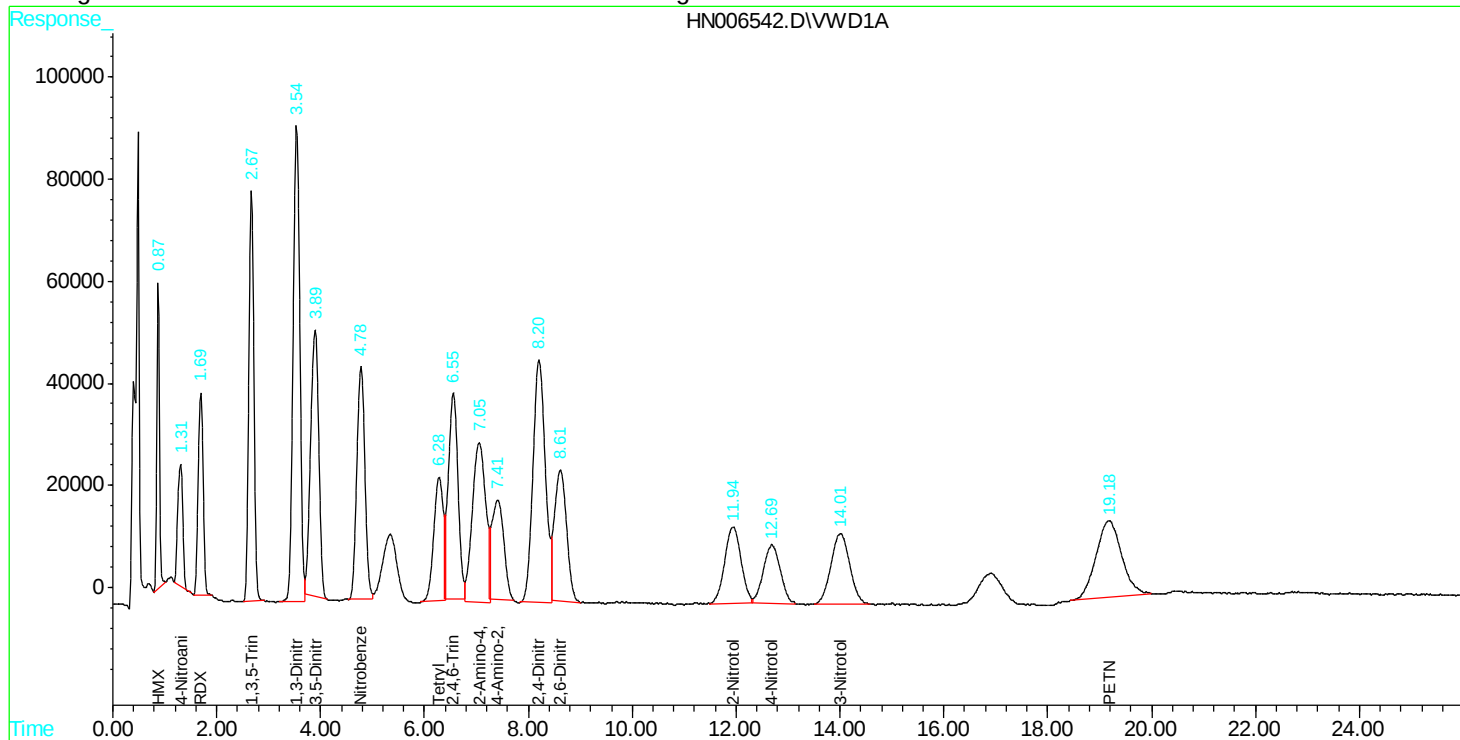
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

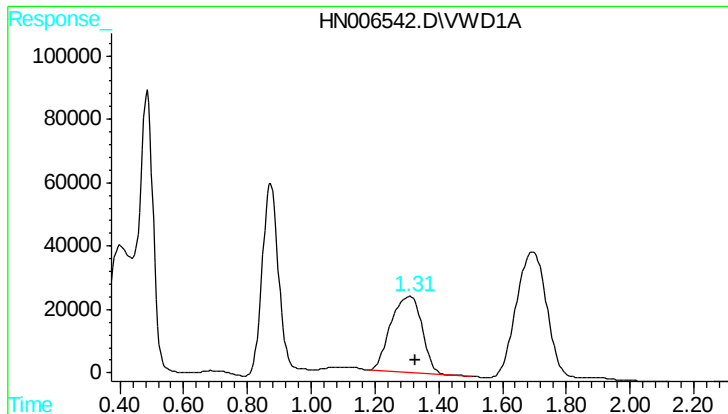
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Mon Oct 27 03:28:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





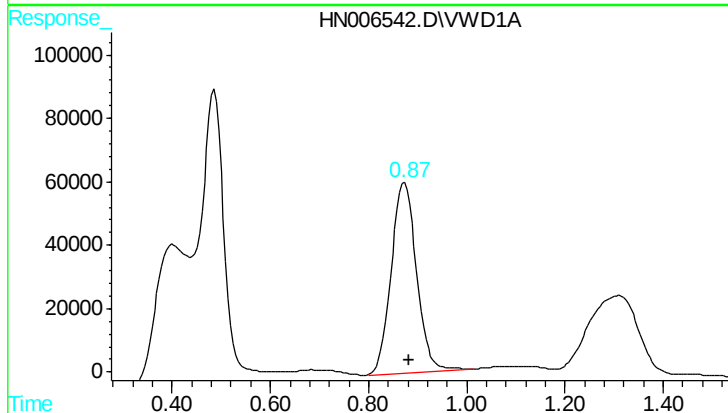
#1 4-Nitroaniline

R.T.: 1.308 min
Delta R.T.: -0.019 min
Response: 1628786
Conc: 409.81 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

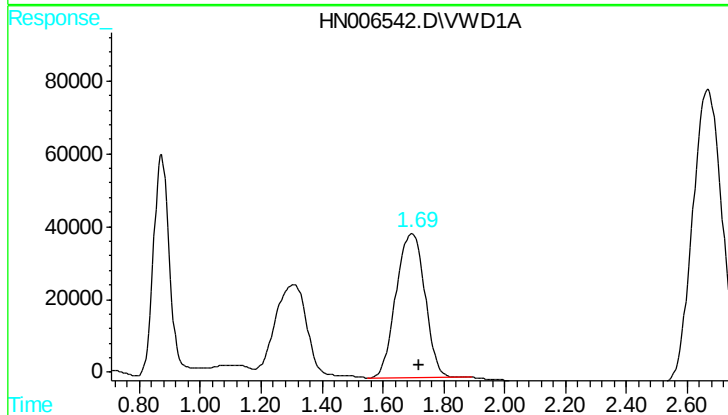
Manual Integrations
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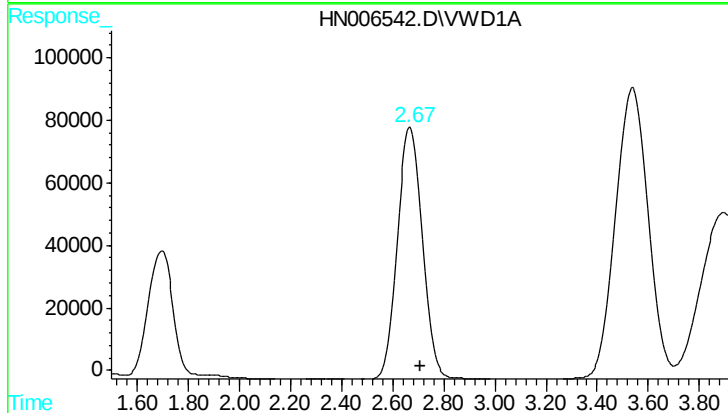
#2 HMX

R.T.: 0.873 min
Delta R.T.: -0.009 min
Response: 2140167
Conc: 442.51 ug/L



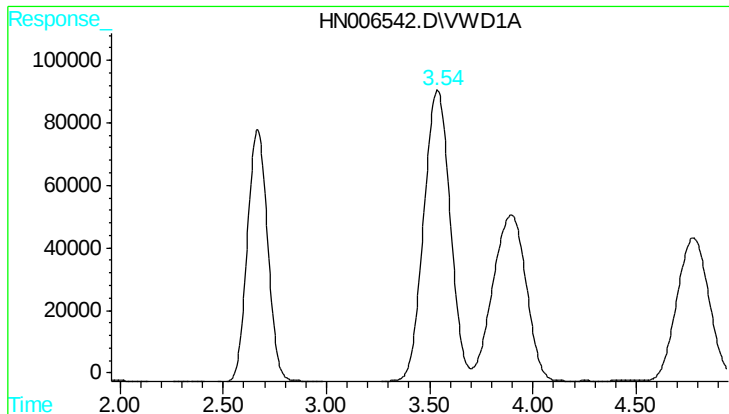
#3 RDX

R.T.: 1.696 min
Delta R.T.: -0.026 min
Response: 2621901
Conc: 478.23 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.668 min
Delta R.T.: -0.041 min
Response: 5490054
Conc: 511.92 ug/L



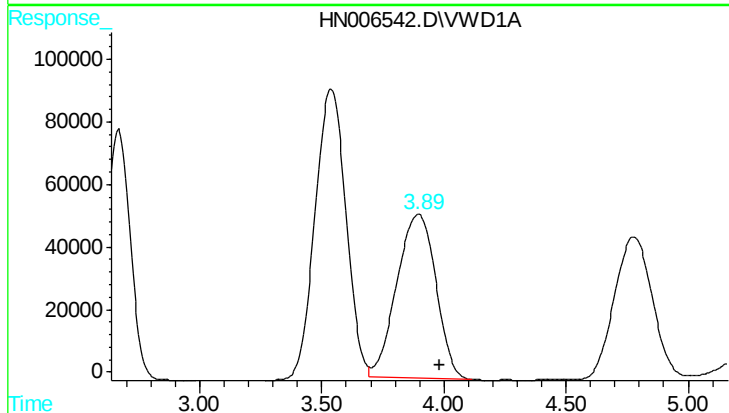
#5 1,3-Dinitrobenzene

R.T.: 3.539 min
Delta R.T.: -0.069 min
Response: 8356845
Conc: 510.37 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

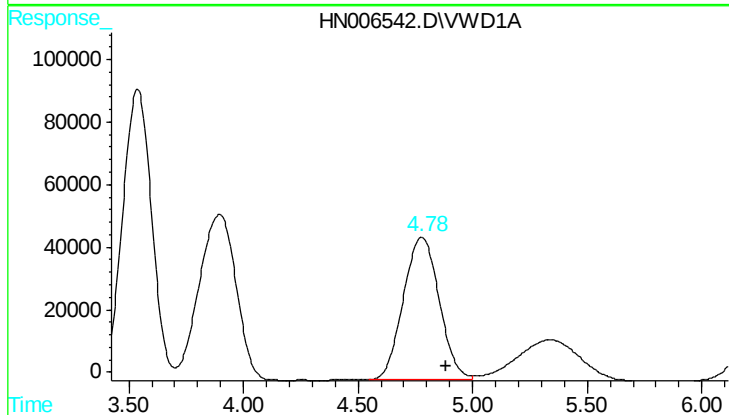
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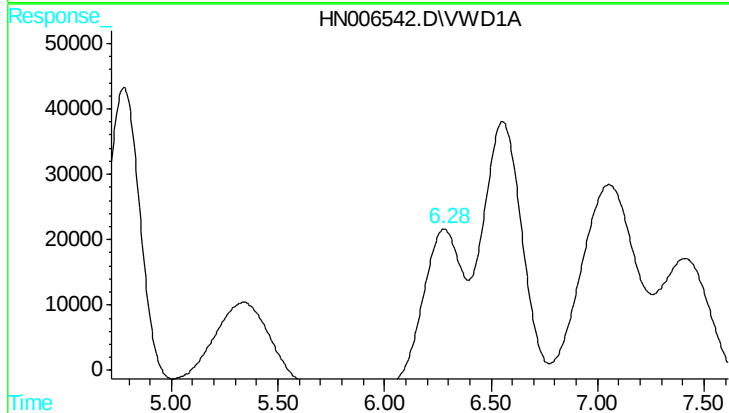
#6 3,5-Dinitroaniline

R.T.: 3.895 min
Delta R.T.: -0.089 min
Response: 5829290
Conc: 500.25 ug/L m



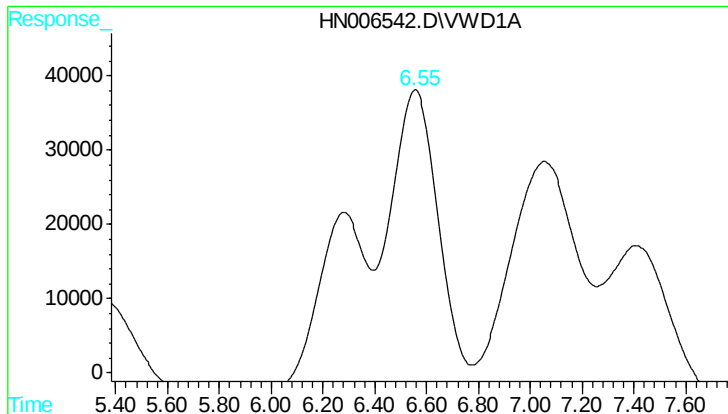
#7 Nitrobenzene

R.T.: 4.776 min
Delta R.T.: -0.107 min
Response: 4944287
Conc: 493.39 ug/L m



#8 Tetryl

R.T.: 6.279 min
Delta R.T.: -0.195 min
Response: 3221351
Conc: 505.22 ug/L m



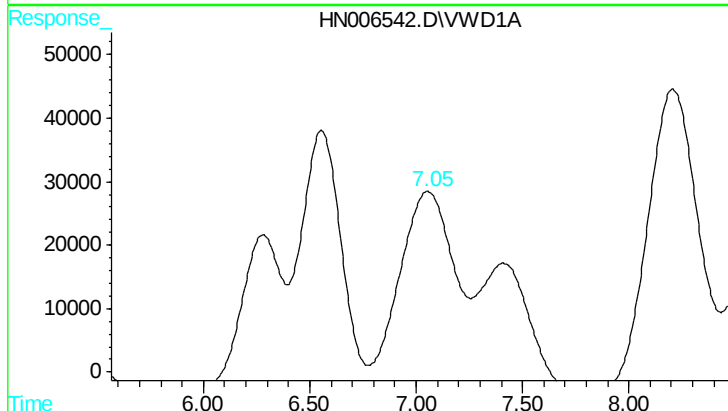
#9 2,4,6-Trinitrotoluene

R.T.: 6.553 min
Delta R.T.: -0.173 min
Response: 5492832
Conc: 511.58 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

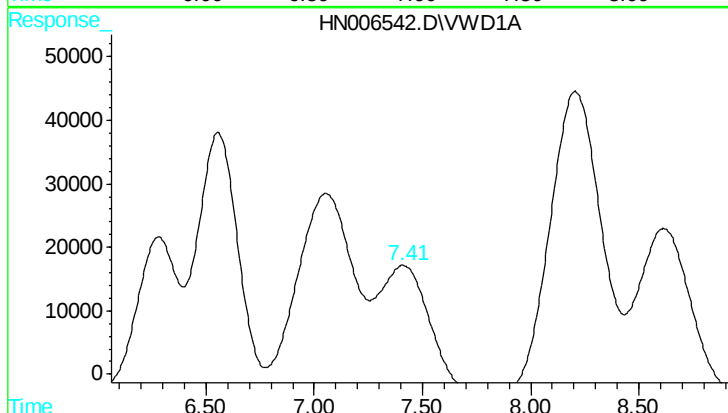
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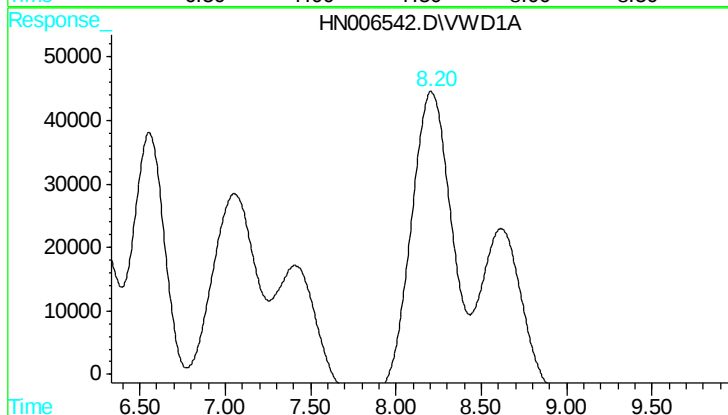
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.052 min
Delta R.T.: -0.210 min
Response: 5753227
Conc: 496.85 ug/L m



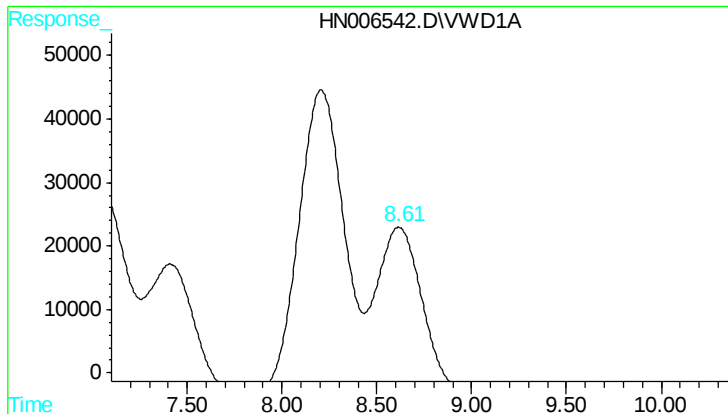
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.408 min
Delta R.T.: -0.226 min
Response: 3236458
Conc: 530.29 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.203 min
Delta R.T.: -0.232 min
Response: 7855487
Conc: 510.18 ug/L m



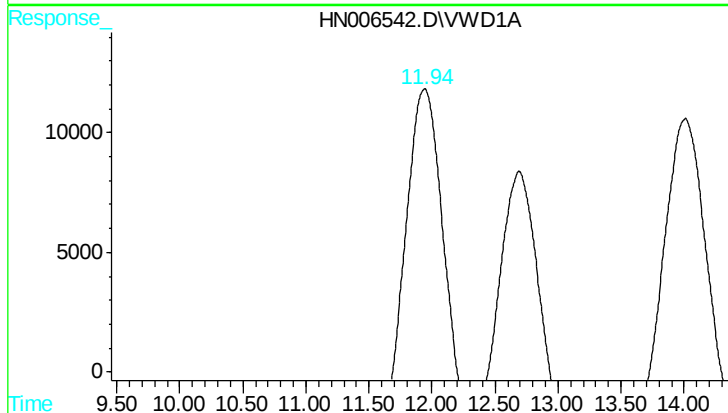
#13 2,6-Dinitrotoluene

R.T.: 8.614 min
Delta R.T.: -0.248 min
Response: 4094705
Conc: 483.11 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

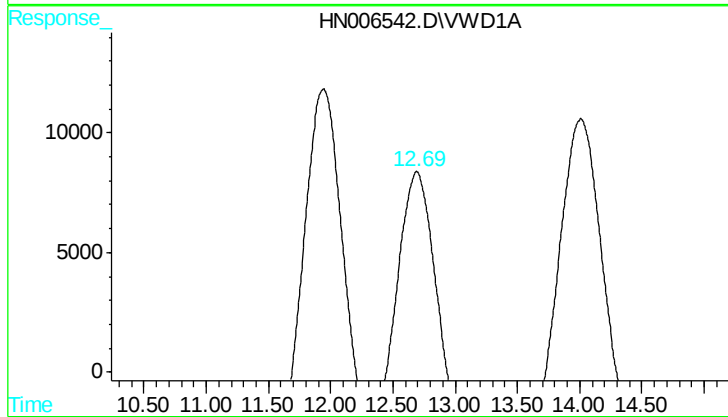
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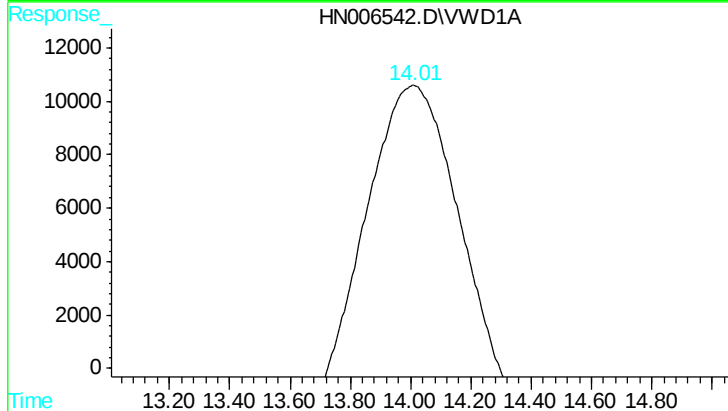
#14 2-Nitrotoluene

R.T.: 11.940 min
Delta R.T.: -0.341 min
Response: 3289689
Conc: 491.20 ug/L m



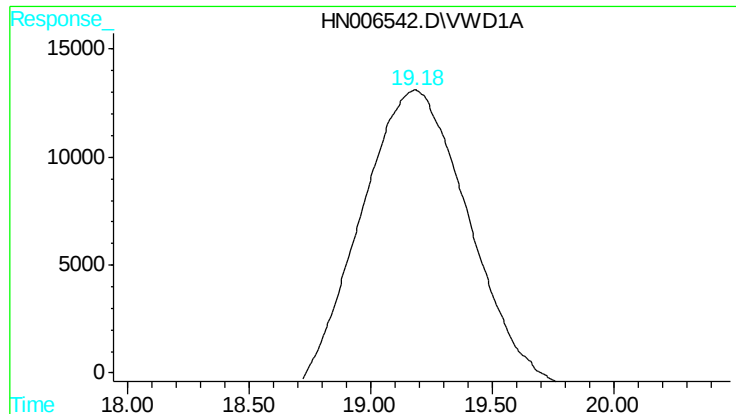
#15 4-Nitrotoluene

R.T.: 12.687 min
Delta R.T.: -0.357 min
Response: 2625481
Conc: 479.62 ug/L m



#16 3-Nitrotoluene

R.T.: 14.009 min
Delta R.T.: -0.291 min
Response: 3478366
Conc: 499.64 ug/L m



#17 PETN

R.T.: 19.180 min
Delta R.T.: -0.522 min
Response: 5155471
Conc: 626.40 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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