

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006546.D\VWD1A.CH Vial: 65
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006546.D\VWD1A.CH
 Acq On : 24-Oct-2014, 13:50 Operator: HNP
 Sample : F4368-12MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 22:09 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SS39-1014MS

Manual Integrations
 APPROVED

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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Mon Oct 27 23:07:18 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	545895	137.348 ug/L m
Target Compounds			
2) T HMX	0.87	625784	129.390 ug/L
3) T RDX	1.69	664320	121.170 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	1340288	124.975 ug/L
5) T 1,3-Dinitrobenzene	3.53	2064880	126.105 ng/mlm
6) T 3,5-Dinitroaniline	3.88	1523374	130.730 ug/L m
7) T Nitrobenzene	4.77	1313086	131.034 ug/L m
8) T Tetryl	6.28	700597	109.877 ug/L m
9) T 2,4,6-Trinitrotoluene	6.56	1385832	129.070 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.06	1533251	132.412 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.41	925508	151.644 ug/L m
12) T 2,4-Dinitrotoluene	8.21	1962789	127.475 ug/L m
13) T 2,6-Dinitrotoluene	8.62	1067413	125.938 ug/L m
14) T 2-Nitrotoluene	11.96	759457	113.398 ug/L m
15) T 4-Nitrotoluene	12.70	640620	117.029 ug/L m
16) T 3-Nitrotoluene	14.00	951684	136.702 ug/L m
17) T PETN	19.15	948518	115.246 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.

HN006546.D HN100214.M Sat Nov 08 00:28:12 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006546.D\VWD1A.CH Vial: 65
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006546.D\VWD1A.CH
Acq On : 24-Oct-2014, 13:50 Operator: HNP
Sample : F4368-12MS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 22:09 2014 Quant Results File: HN100214.RES

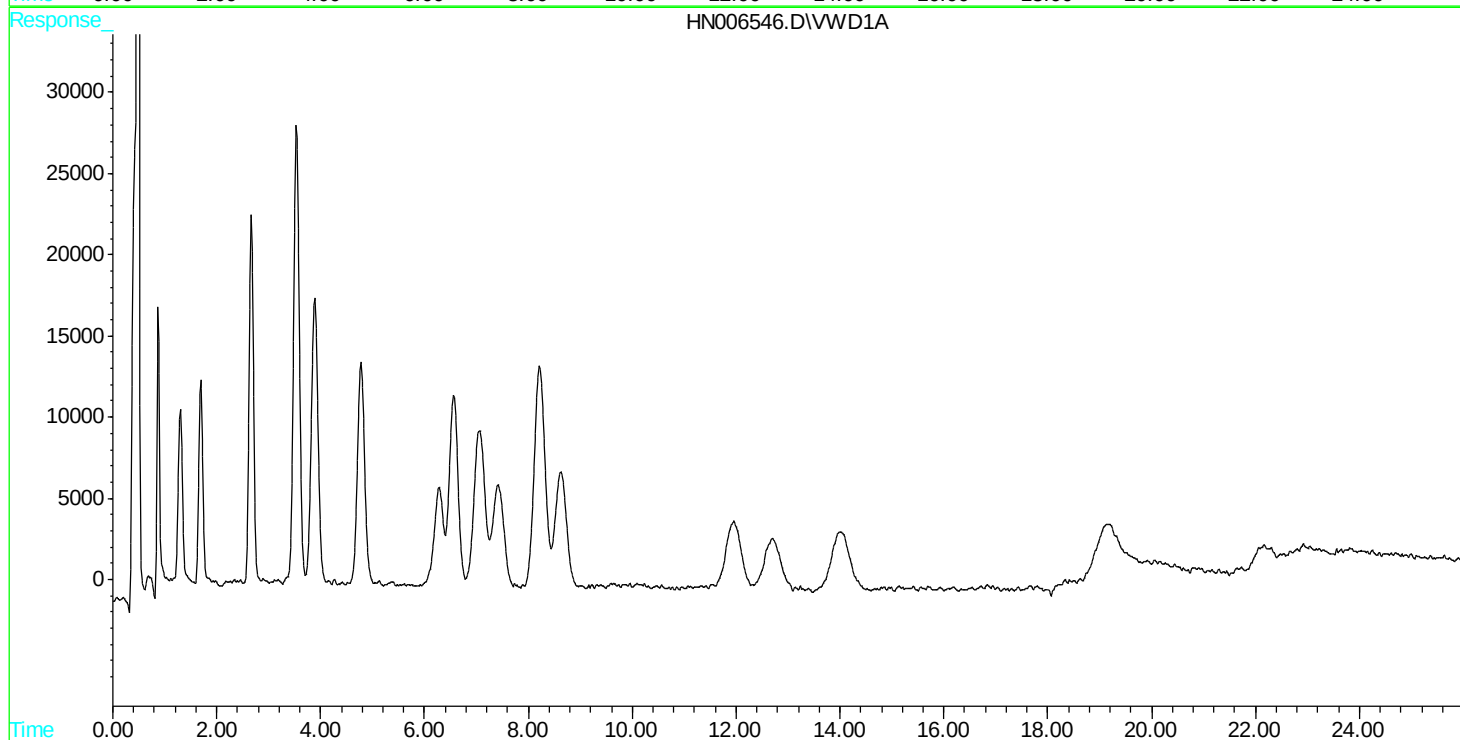
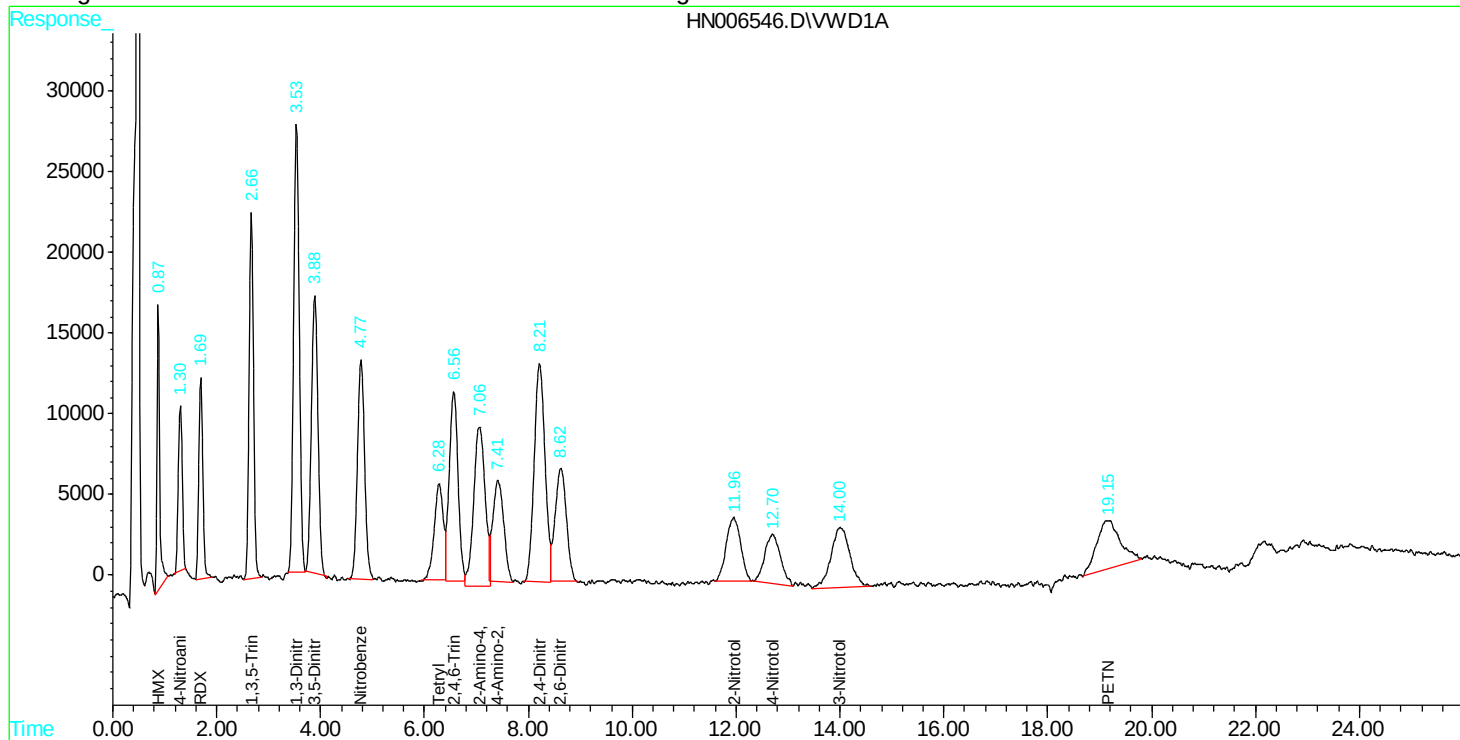
Instrument :
HPLC_N
ClientSampleId :
YS19-SS39-1014MS

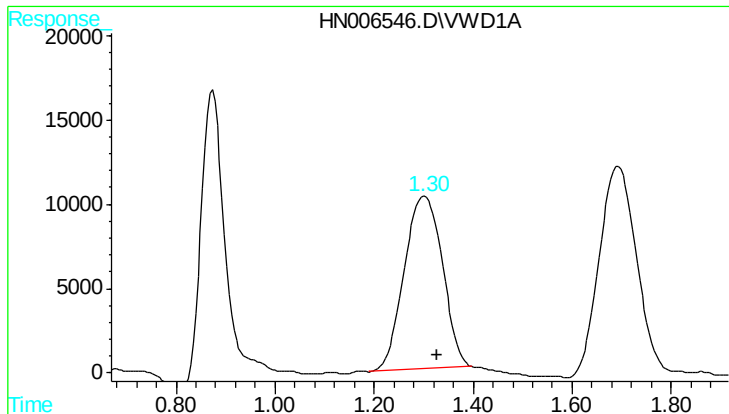
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Mon Oct 27 23:07:18 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





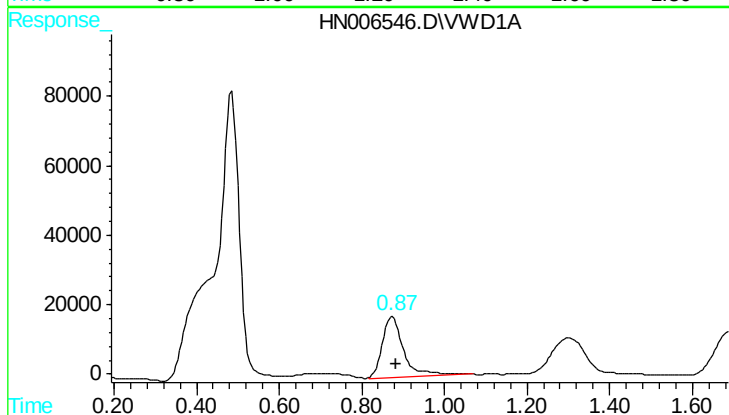
#1 4-Nitroaniline

R.T.: 1.300 min
 Delta R.T.: -0.027 min
 Response: 545895
 Conc: 137.35 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SS39-1014MS

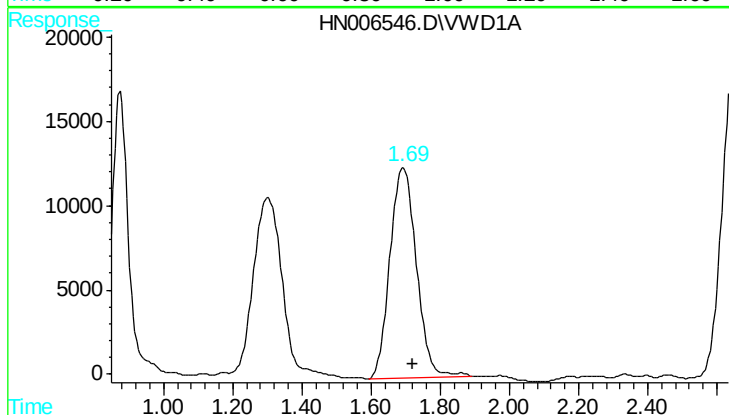
Manual Integrations
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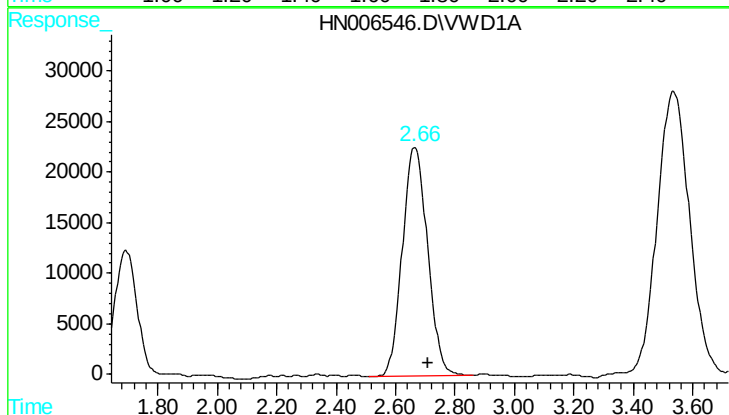
#2 HMX

R.T.: 0.874 min
 Delta R.T.: -0.008 min
 Response: 625784
 Conc: 129.39 ug/L



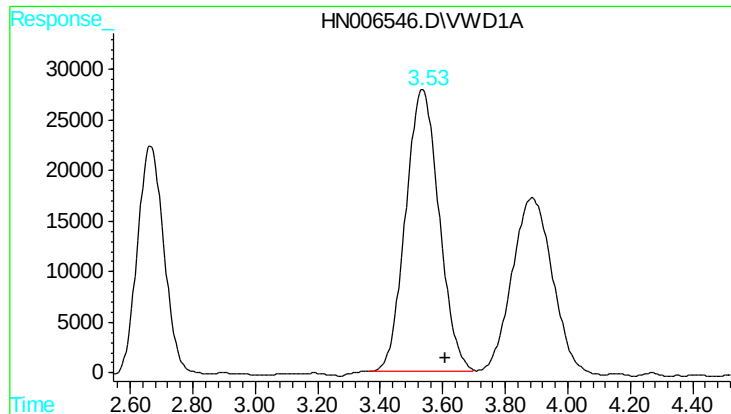
#3 RDX

R.T.: 1.694 min
 Delta R.T.: -0.028 min
 Response: 664320
 Conc: 121.17 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.666 min
 Delta R.T.: -0.043 min
 Response: 1340288
 Conc: 124.97 ug/L



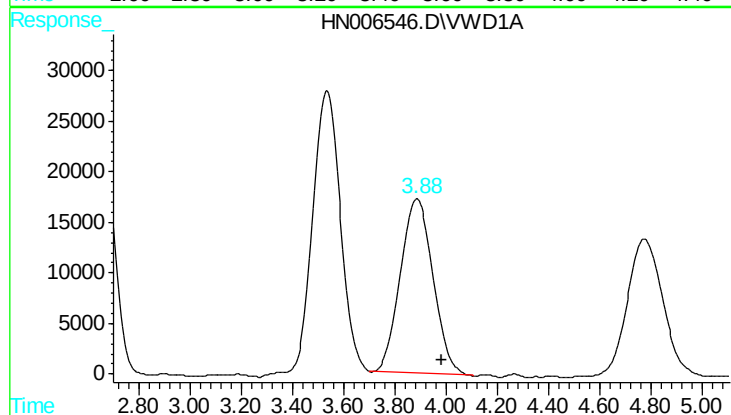
#5 1,3-Dinitrobenzene

R.T.: 3.533 min
Delta R.T.: -0.075 min
Response: 2064880
Conc: 126.11 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-SS39-1014MS

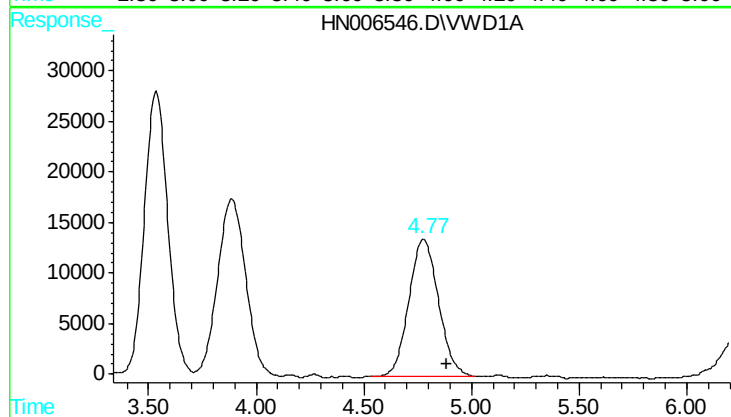
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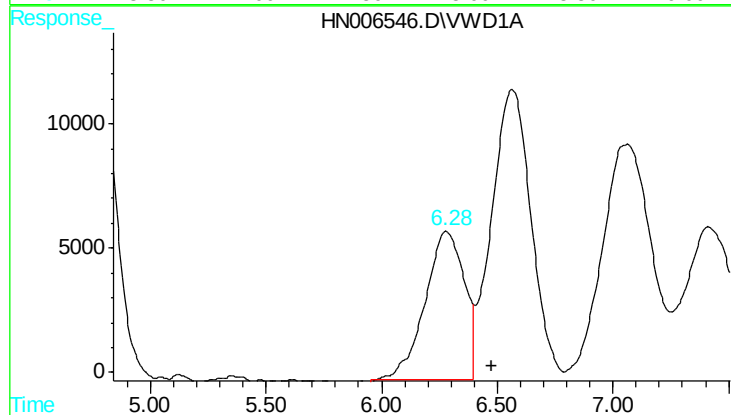
#6 3,5-Dinitroaniline

R.T.: 3.884 min
Delta R.T.: -0.099 min
Response: 1523374
Conc: 130.73 ug/L m



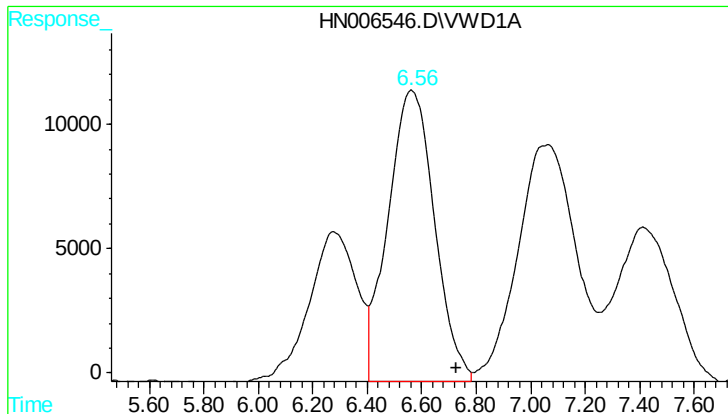
#7 Nitrobenzene

R.T.: 4.774 min
Delta R.T.: -0.109 min
Response: 1313086
Conc: 131.03 ug/L m



#8 Tetryl

R.T.: 6.276 min
Delta R.T.: -0.199 min
Response: 700597
Conc: 109.88 ug/L m



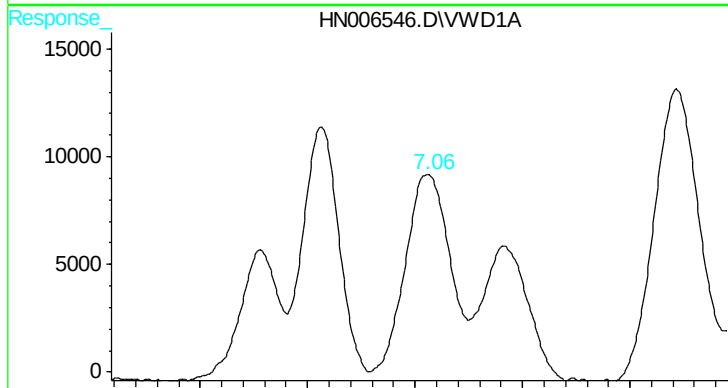
#9 2,4,6-Trinitrotoluene

R.T.: 6.562 min
Delta R.T.: -0.164 min
Response: 1385832
Conc: 129.07 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS39-1014MS

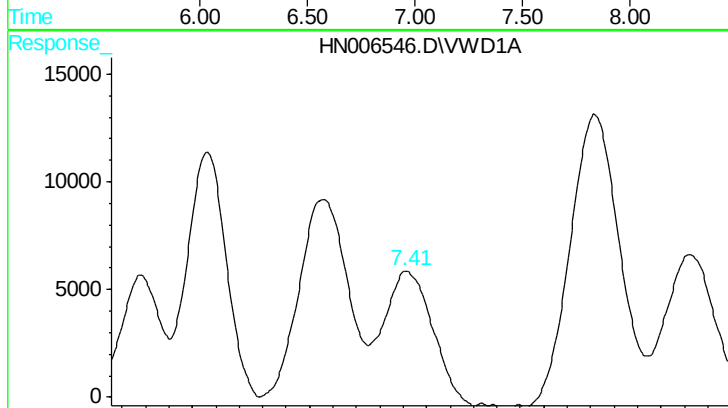
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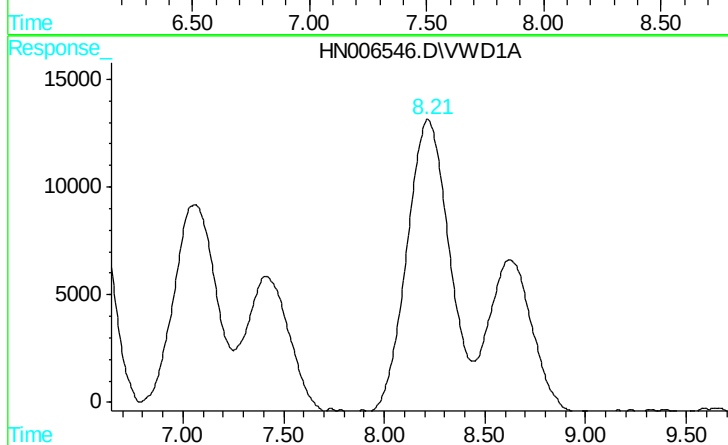
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.061 min
Delta R.T.: -0.201 min
Response: 1533251
Conc: 132.41 ug/L m



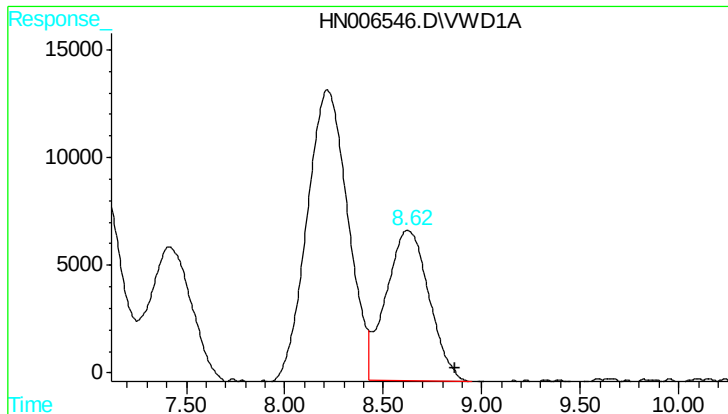
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.410 min
Delta R.T.: -0.224 min
Response: 925508
Conc: 151.64 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.215 min
Delta R.T.: -0.220 min
Response: 1962789
Conc: 127.48 ug/L m



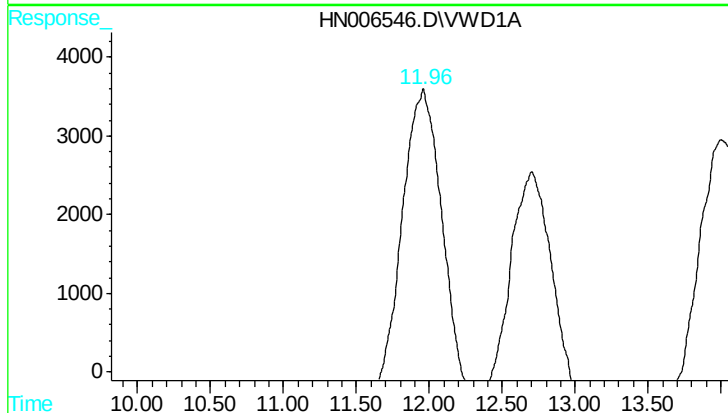
#13 2,6-Dinitrotoluene

R.T.: 8.620 min
Delta R.T.: -0.242 min
Response: 1067413
Conc: 125.94 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS39-1014MS

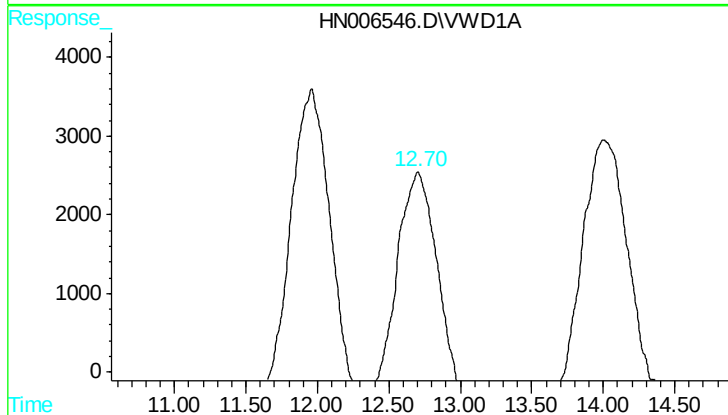
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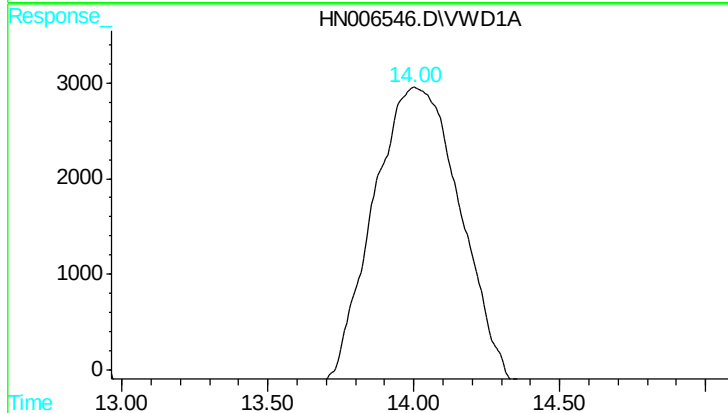
#14 2-Nitrotoluene

R.T.: 11.957 min
Delta R.T.: -0.324 min
Response: 759457
Conc: 113.40 ug/L m



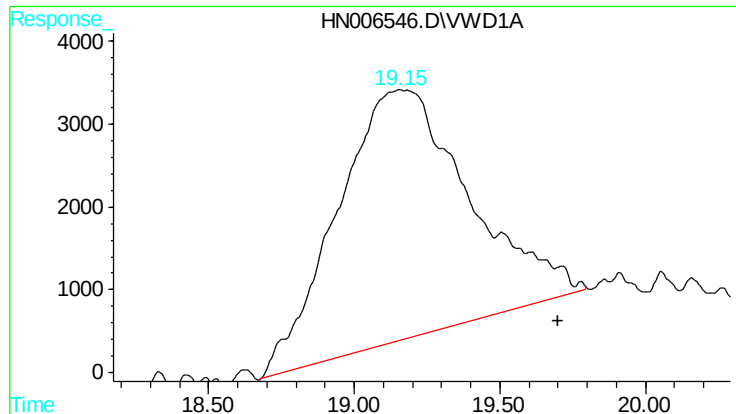
#15 4-Nitrotoluene

R.T.: 12.702 min
Delta R.T.: -0.342 min
Response: 640620
Conc: 117.03 ug/L m



#16 3-Nitrotoluene

R.T.: 13.998 min
Delta R.T.: -0.302 min
Response: 951684
Conc: 136.70 ug/L m



#17 PETN

R.T.: 19.153 min
Delta R.T.: -0.550 min
Response: 948518
Conc: 115.25 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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