

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006547.D\VWD1A.CH Vial: 66
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006547.D\VWD1A.CH
 Acq On : 24-Oct-2014, 14:18 Operator: HNP
 Sample : F4368-13MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 22:11 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SS39-1014MSD

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	550485	138.503 ug/L m
Target Compounds			
2) T HMX	0.87	586959	121.363 ug/L
3) T RDX	1.69	619960	113.079 ug/L m
4) T 1,3,5-Trinitrobenzene	2.67	1311062	122.250 ug/L
5) T 1,3-Dinitrobenzene	3.54	2067559	126.269 ng/ml
6) T 3,5-Dinitroaniline	3.89	1485036	127.440 ug/L m
7) T Nitrobenzene	4.78	1247158	124.455 ug/L m
8) T Tetryl	6.29	709931	111.341 ug/L m
9) T 2,4,6-Trinitrotoluene	6.58	1380342	128.559 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	1504671	129.944 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.45	965383	158.178 ug/L m
12) T 2,4-Dinitrotoluene	8.24	1957051	127.103 ug/L m
13) T 2,6-Dinitrotoluene	8.65	1050048	123.889 ug/L m
14) T 2-Nitrotoluene	12.00	779072	116.326 ug/L m
15) T 4-Nitrotoluene	12.69	639132	116.757 ug/L m
16) T 3-Nitrotoluene	14.03	868745	124.789 ug/L m
17) T PETN	19.19	965242	117.278 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.

HN006547.D HN100214.M Sat Nov 08 00:28:27 2014

Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006547.D\VWD1A.CH Vial: 66
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006547.D\VWD1A.CH
 Acq On : 24-Oct-2014, 14:18 Operator: HNP
 Sample : F4368-13MSD Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 22:11 2014 Quant Results File: HN100214.RES

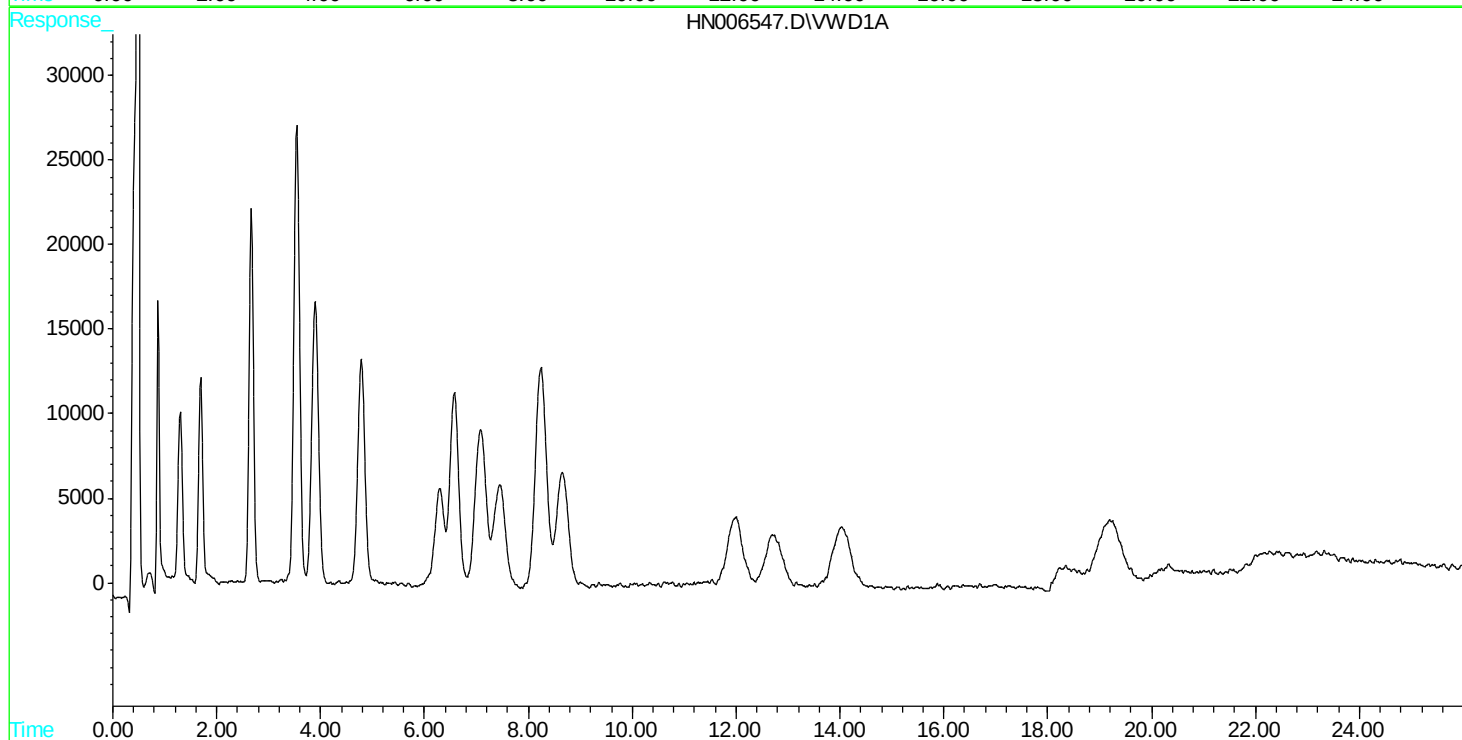
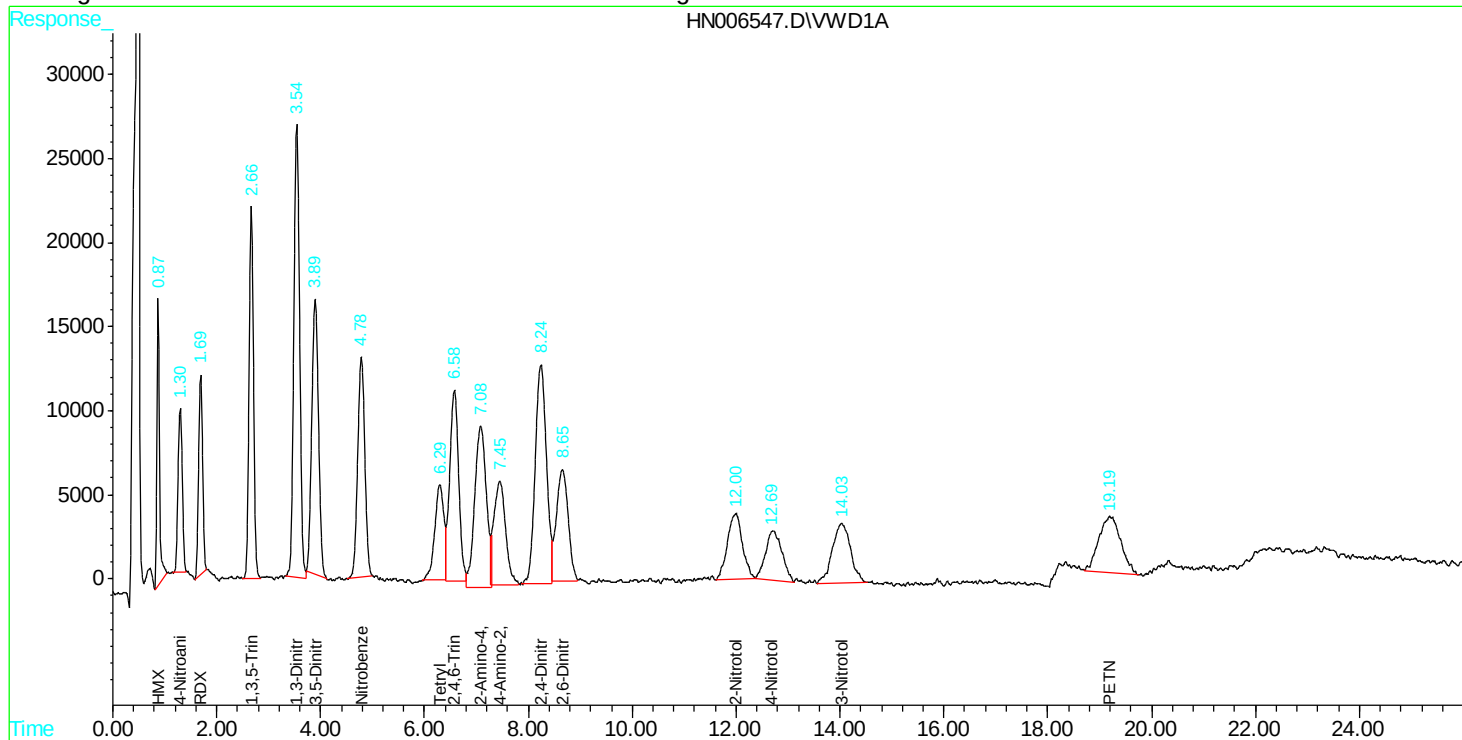
Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SS39-1014MSD

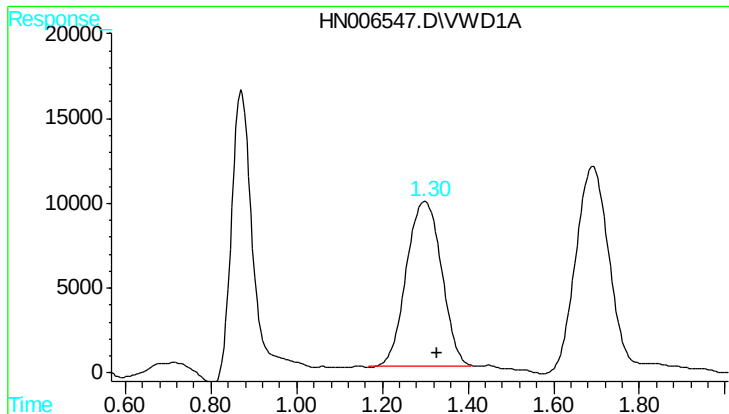
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Mon Oct 27 23:07:18 2014
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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 :





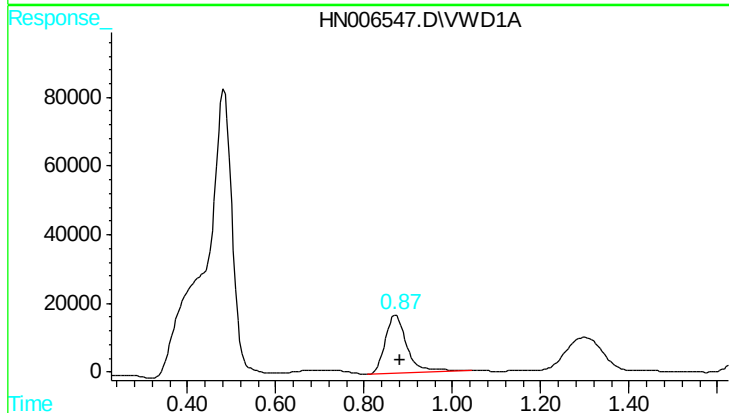
#1 4-Nitroaniline

R.T.: 1.298 min
 Delta R.T.: -0.029 min
 Response: 550485
 Conc: 138.50 ug/L m

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SS39-1014MSD

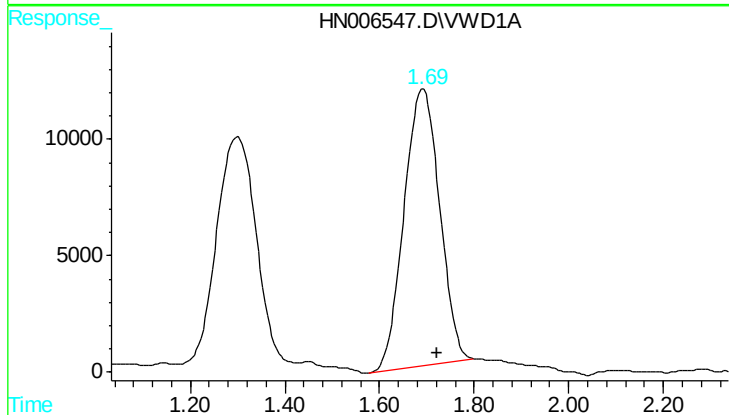
Manual Integrations
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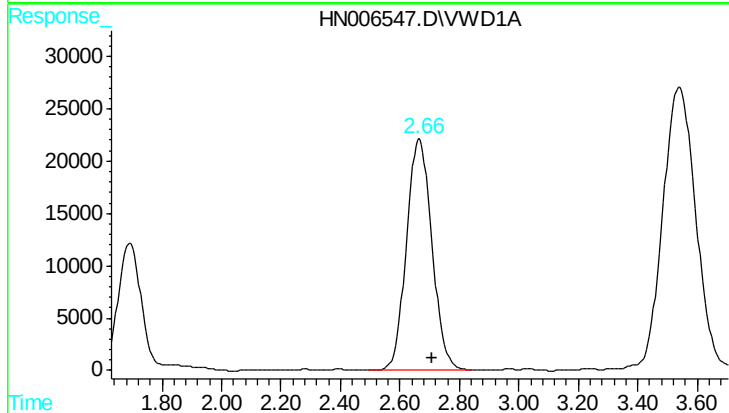
#2 HMX

R.T.: 0.872 min
 Delta R.T.: -0.010 min
 Response: 586959
 Conc: 121.36 ug/L



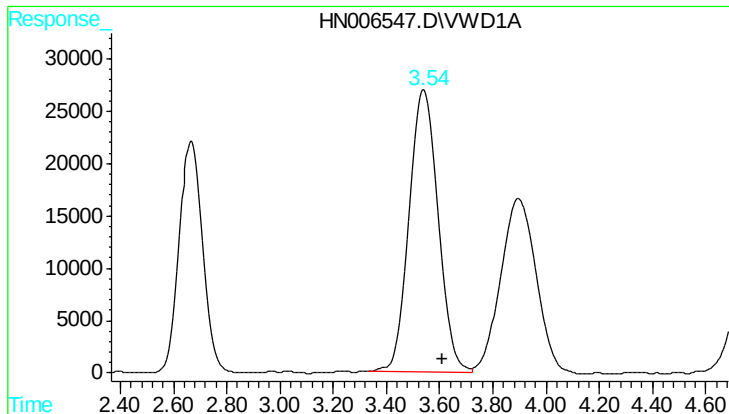
#3 RDX

R.T.: 1.690 min
 Delta R.T.: -0.031 min
 Response: 619960
 Conc: 113.08 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.665 min
 Delta R.T.: -0.043 min
 Response: 1311062
 Conc: 122.25 ug/L



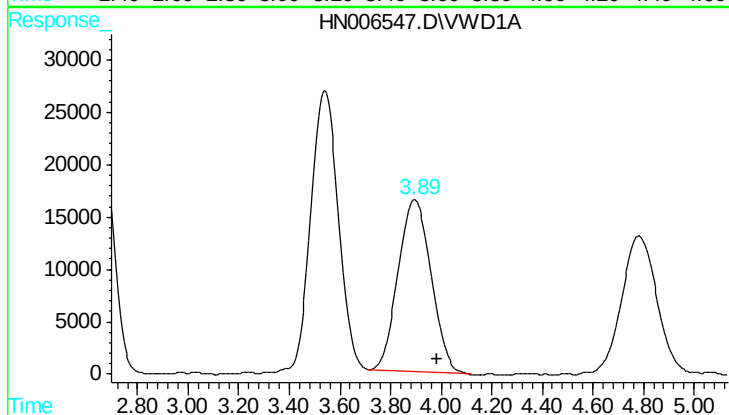
#5 1,3-Dinitrobenzene

R.T.: 3.540 min
Delta R.T.: -0.068 min
Response: 2067559
Conc: 126.27 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-SS39-1014MSD

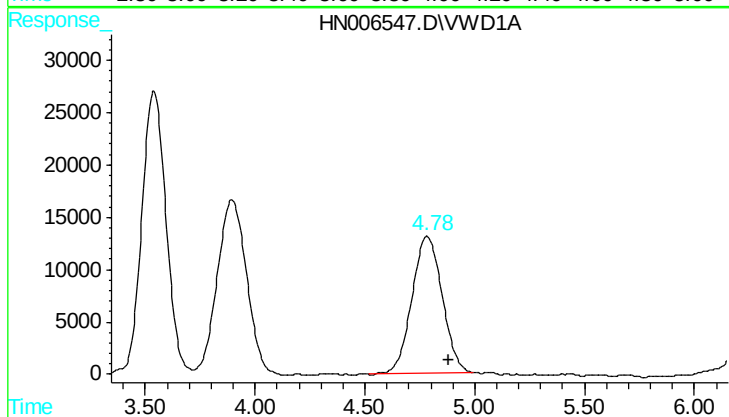
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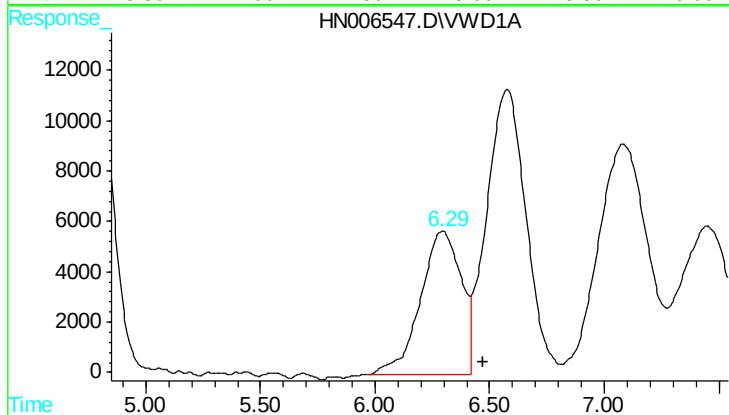
#6 3,5-Dinitroaniline

R.T.: 3.893 min
Delta R.T.: -0.091 min
Response: 1485036
Conc: 127.44 ug/L m



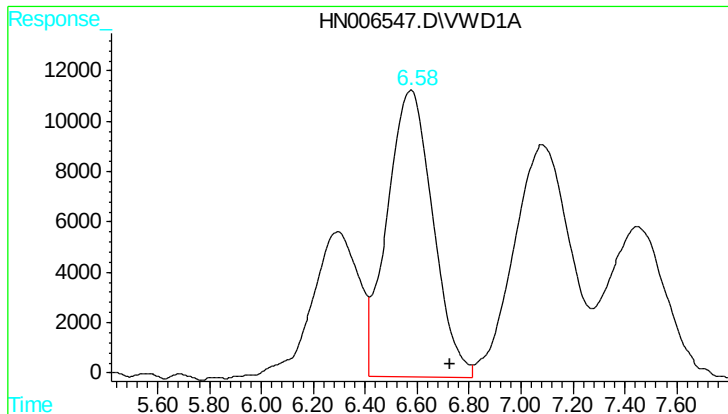
#7 Nitrobenzene

R.T.: 4.781 min
Delta R.T.: -0.102 min
Response: 1247158
Conc: 124.46 ug/L m



#8 Tetryl

R.T.: 6.294 min
Delta R.T.: -0.181 min
Response: 709931
Conc: 111.34 ug/L m



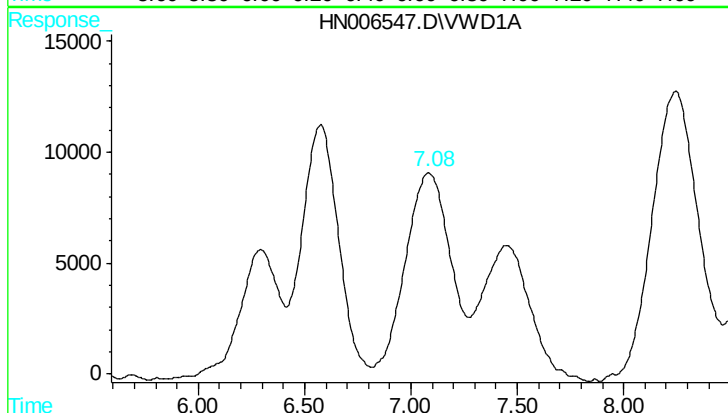
#9 2,4,6-Trinitrotoluene

R.T.: 6.576 min
Delta R.T.: -0.150 min
Response: 1380342
Conc: 128.56 ug/L m

Instrument :
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ClientSampleId :
YS19-SS39-1014MSD

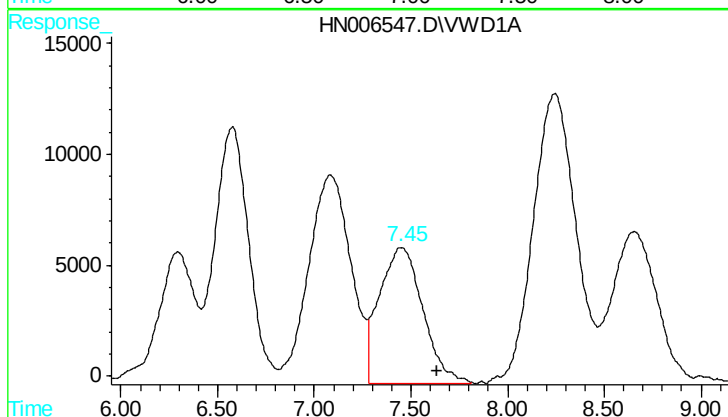
Manual Integrations
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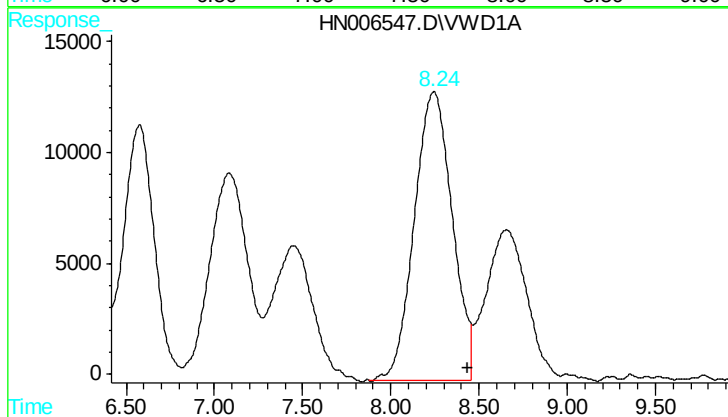
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.080 min
Delta R.T.: -0.182 min
Response: 1504671
Conc: 129.94 ug/L m



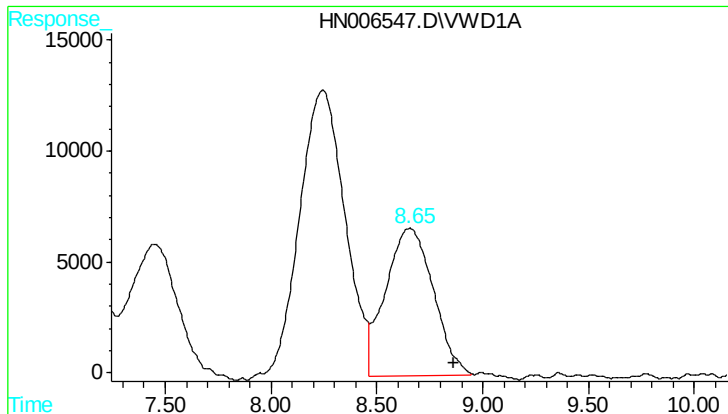
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.448 min
Delta R.T.: -0.186 min
Response: 965383
Conc: 158.18 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.245 min
Delta R.T.: -0.191 min
Response: 1957051
Conc: 127.10 ug/L m



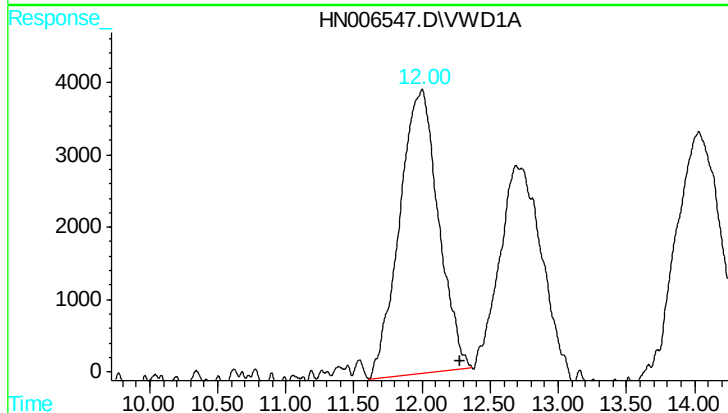
#13 2,6-Dinitrotoluene

R.T.: 8.655 min
Delta R.T.: -0.207 min
Response: 1050048
Conc: 123.89 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SS39-1014MSD

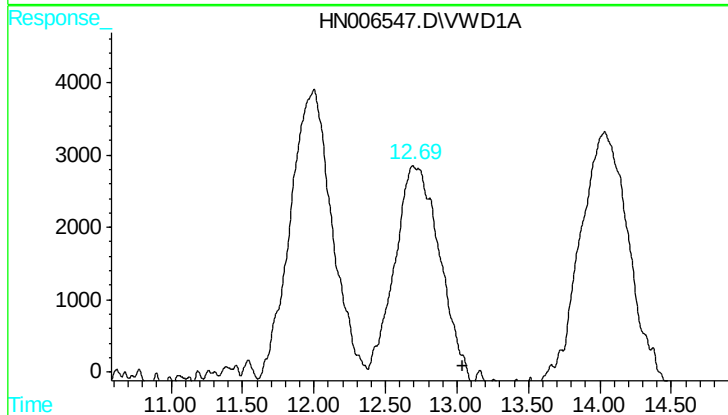
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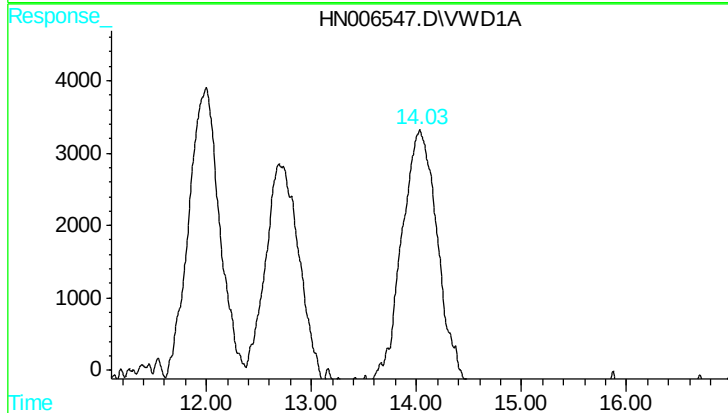
#14 2-Nitrotoluene

R.T.: 11.998 min
Delta R.T.: -0.283 min
Response: 779072
Conc: 116.33 ug/L m



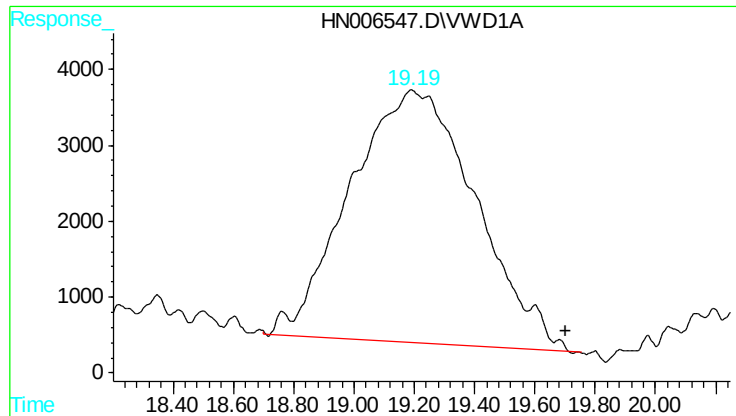
#15 4-Nitrotoluene

R.T.: 12.688 min
Delta R.T.: -0.356 min
Response: 639132
Conc: 116.76 ug/L m



#16 3-Nitrotoluene

R.T.: 14.033 min
Delta R.T.: -0.267 min
Response: 868745
Conc: 124.79 ug/L m



#17 PETN

R.T.: 19.190 min
Delta R.T.: -0.513 min
Response: 965242
Conc: 117.28 ug/L m

Instrument :
HPLC_N
ClientSampleId :
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