

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006341.D\VWD1A.CH Vial: 39
 Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006341.D\VWD1A.CH
 Acq On : 16-Oct-2014, 06:35 Operator: HNP
 Sample : F4204-05MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 11:52 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB50-02-03-1014MS

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:21:09 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	1.30	562618	141.556 ug/L m
Target Compounds			
2) T HMX	0.87	516110	106.713 ug/L
3) T RDX	1.69	624892	113.978 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	1232093	114.886 ug/L
5) T 1,3-Dinitrobenzene	3.54	1993969	121.775 ng/ml
6) T 3,5-Dinitroaniline	3.89	1470161	126.164 ug/L
7) T Nitrobenzene	4.79	1192536	119.004 ug/L
8) T Tetryl	6.29	905187	141.964 ug/L m
9) T 2,4,6-Trinitrotoluene	6.58	1530574	142.551 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.08	1273721	109.999 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.43	824610	135.112 ug/L m
12) T 2,4-Dinitrotoluene	8.24	1812422	117.709 ug/L m
13) T 2,6-Dinitrotoluene	8.66	931372	109.887 ug/L m
14) T 2-Nitrotoluene	12.02	744138	111.110 ug/L m
15) T 4-Nitrotoluene	12.80	627998	114.723 ug/L m
16) T 3-Nitrotoluene	14.10	793953	114.045 ug/L m
17) T PETN	19.23	1240018	150.664 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.

HN006341.D HN100214.M

Thu Oct 30 05:17:27 2014

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006341.D\VWD1A.CH Vial: 39
Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006341.D\VWD1A.CH
Acq On : 16-Oct-2014, 06:35 Operator: HNP
Sample : F4204-05MS Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 16 11:52 2014 Quant Results File: HN100214.RES

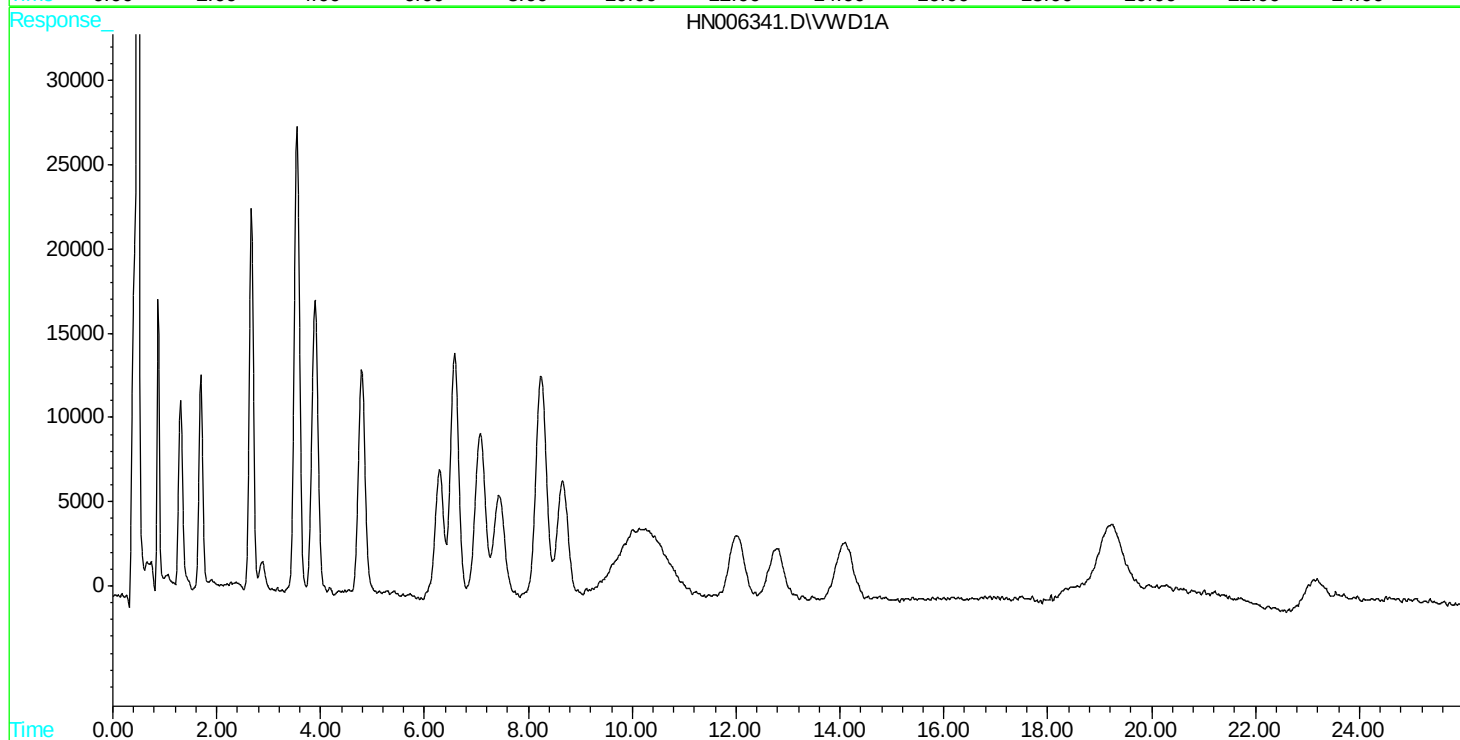
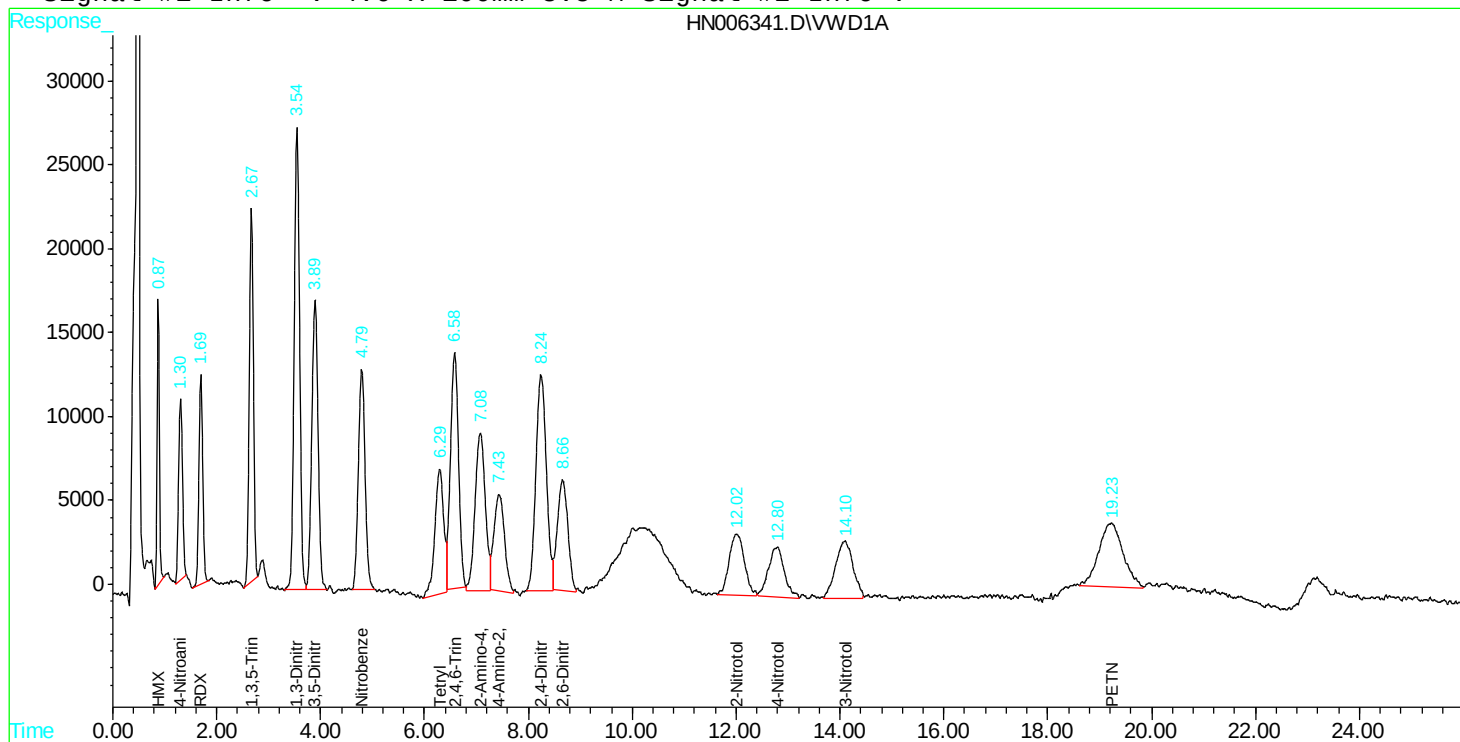
Instrument :
HPLC_N
ClientSampleId :
YS19-SB50-02-03-1014MS

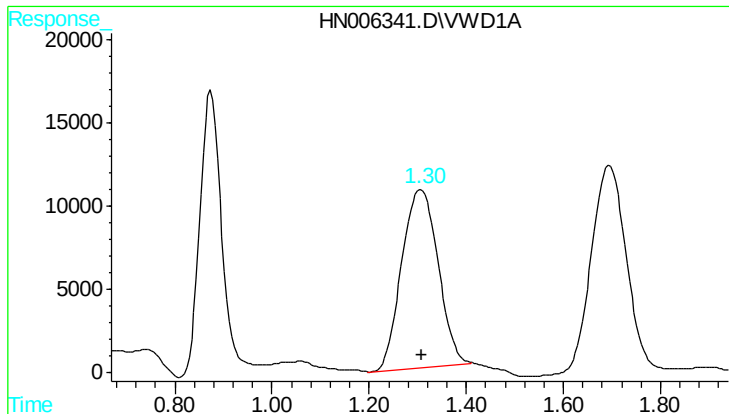
Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Fri Oct 03 10:34:01 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

Manual Integrations
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10/21/2014 10:21:09 AM

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 :





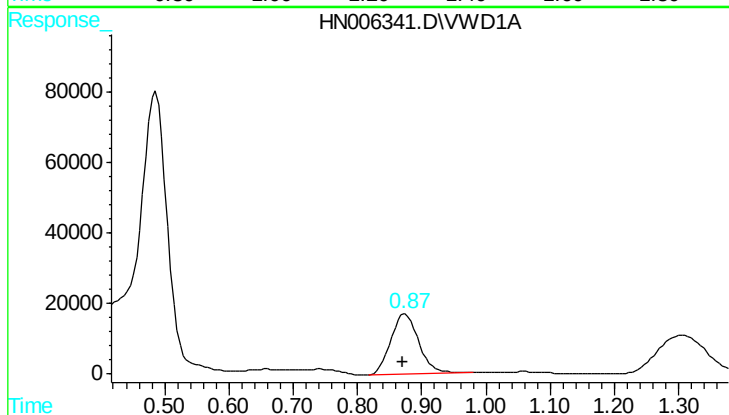
#1 4-Nitroaniline

R.T.: 1.305 min
Delta R.T.: -0.004 min
Response: 562618
Conc: 141.56 ug/L

Instrument :
HPLC_N
ClientSampleId :
YS19-SB50-02-03-1014MS

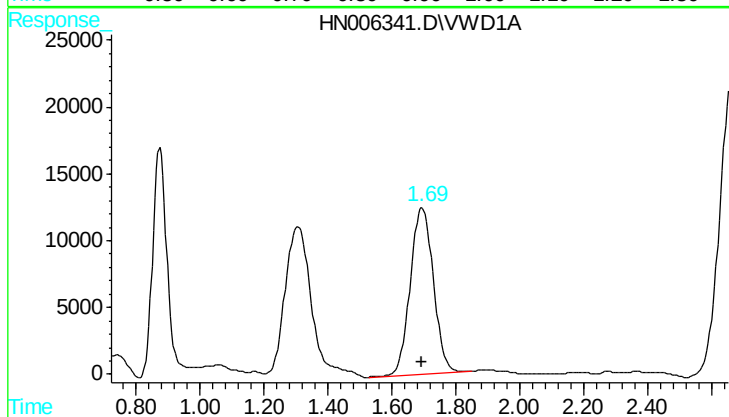
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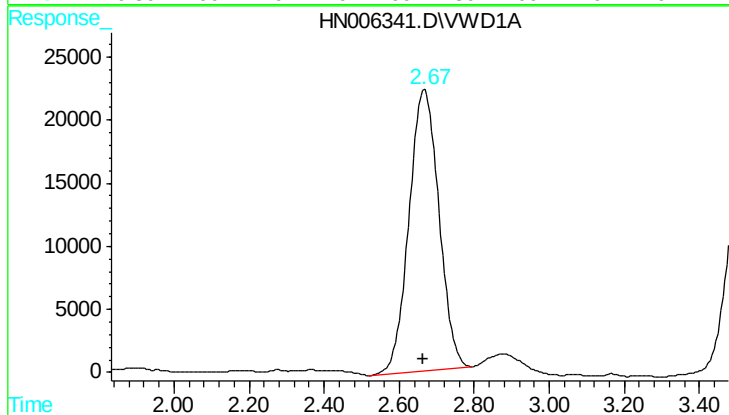
#2 HMX

R.T.: 0.874 min
Delta R.T.: 0.004 min
Response: 516110
Conc: 106.71 ug/L



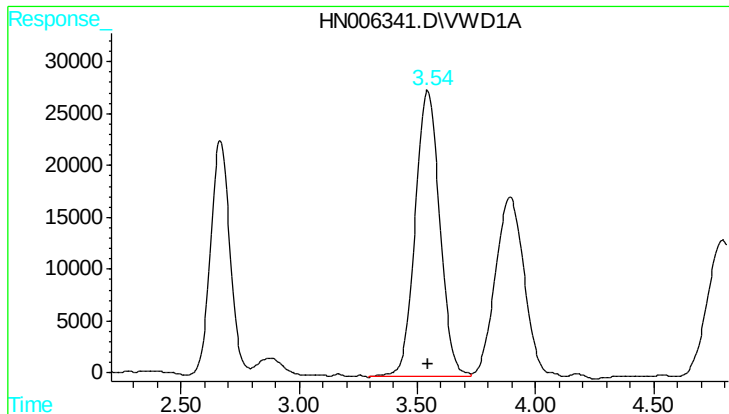
#3 RDX

R.T.: 1.695 min
Delta R.T.: 0.000 min
Response: 624892
Conc: 113.98 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.668 min
Delta R.T.: 0.002 min
Response: 1232093
Conc: 114.89 ug/L



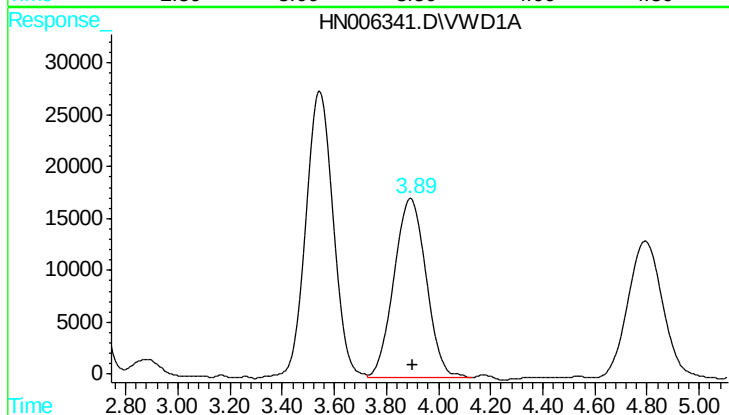
#5 1,3-Dinitrobenzene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 1993969
Conc: 121.77 ng/ml

Instrument :
HPLC_N
ClientSampleId :
YS19-SB50-02-03-1014MS

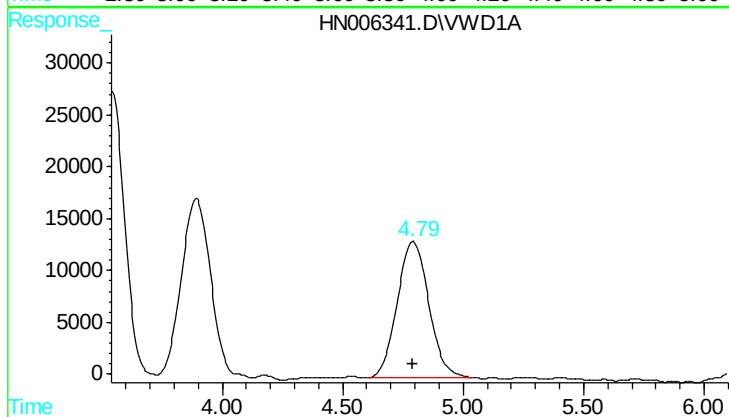
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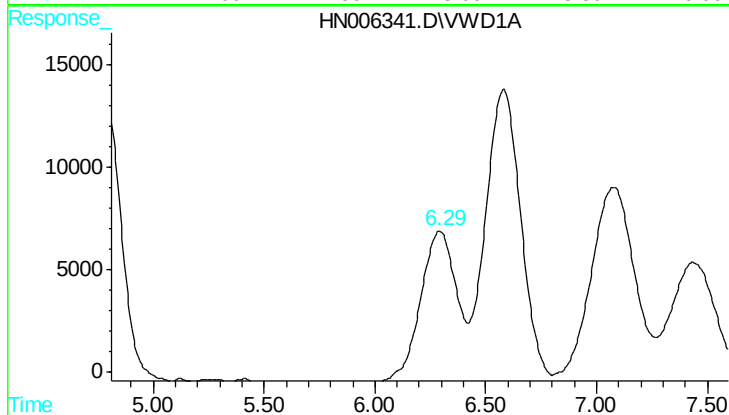
#6 3,5-Dinitroaniline

R.T.: 3.894 min
Delta R.T.: -0.008 min
Response: 1470161
Conc: 126.16 ug/L



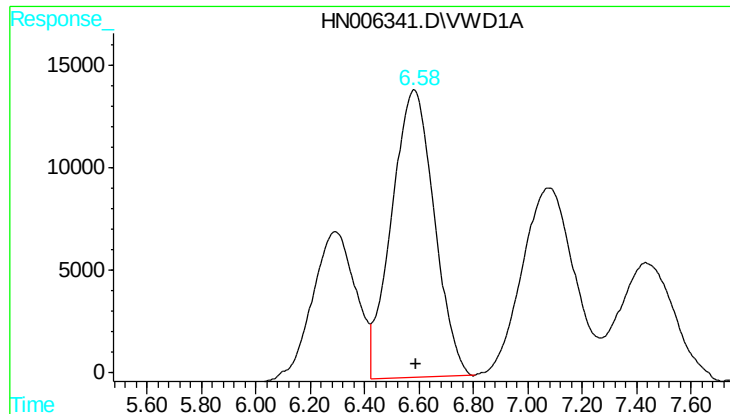
#7 Nitrobenzene

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 1192536
Conc: 119.00 ug/L



#8 Tetryl

R.T.: 6.293 min
Delta R.T.: -0.019 min
Response: 905187
Conc: 141.96 ug/L m



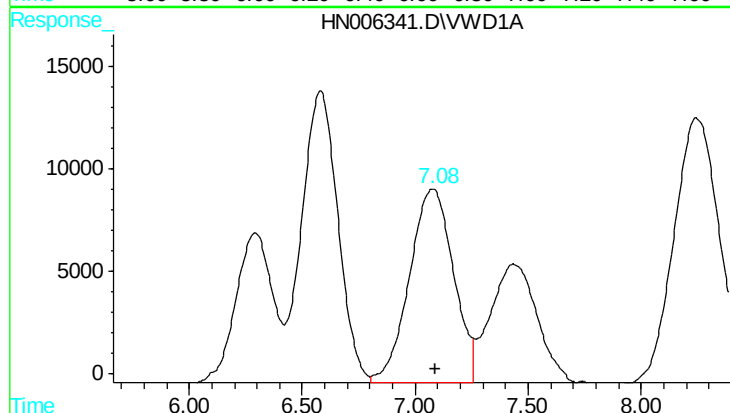
#9 2,4,6-Trinitrotoluene

R.T.: 6.582 min
Delta R.T.: -0.006 min
Response: 1530574
Conc: 142.55 ug/L

Instrument :
HPLC_N
ClientSampleId :
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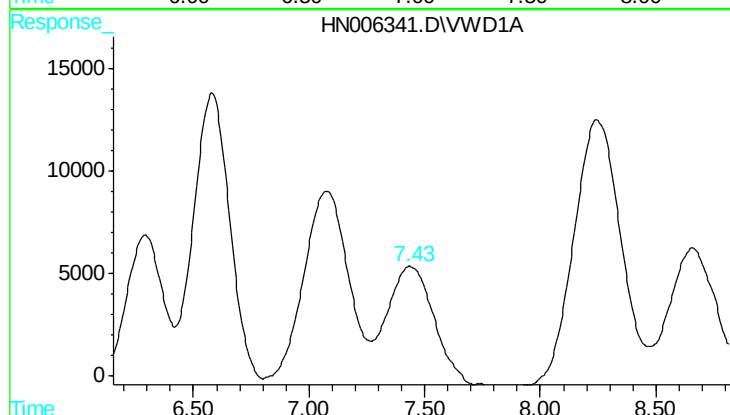
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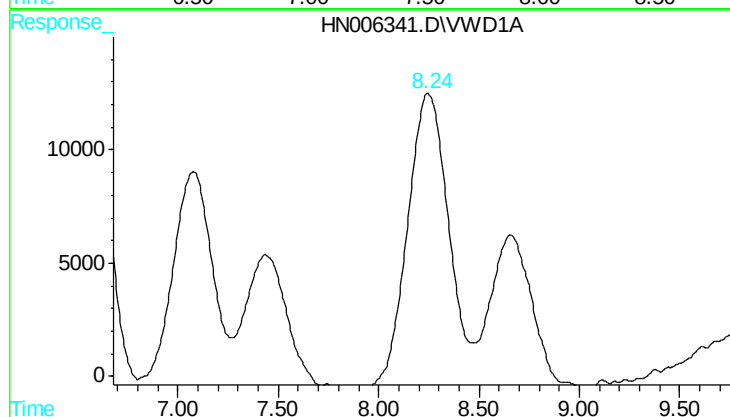
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.077 min
Delta R.T.: -0.012 min
Response: 1273721
Conc: 110.00 ug/L m



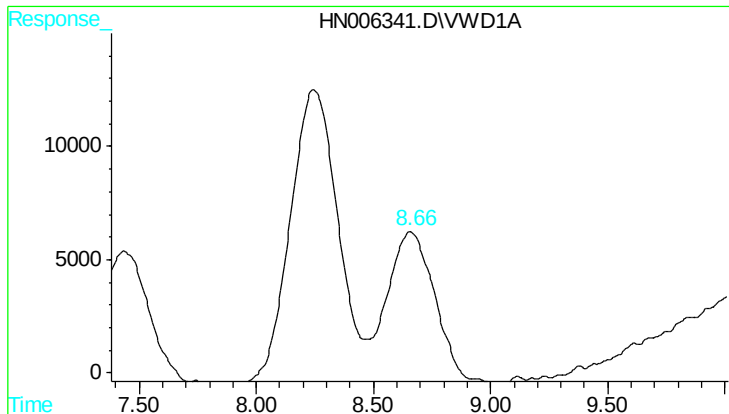
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.433 min
Delta R.T.: -0.008 min
Response: 824610
Conc: 135.11 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 1812422
Conc: 117.71 ug/L m



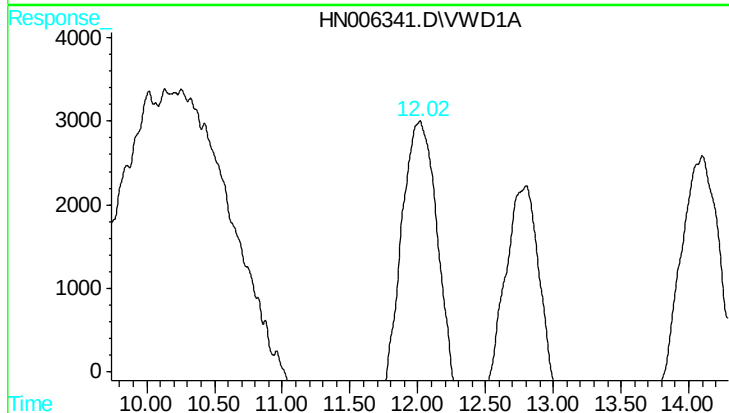
#13 2,6-Dinitrotoluene

R.T.: 8.656 min
 Delta R.T.: 0.002 min
 Response: 931372
 Conc: 109.89 ug/L m

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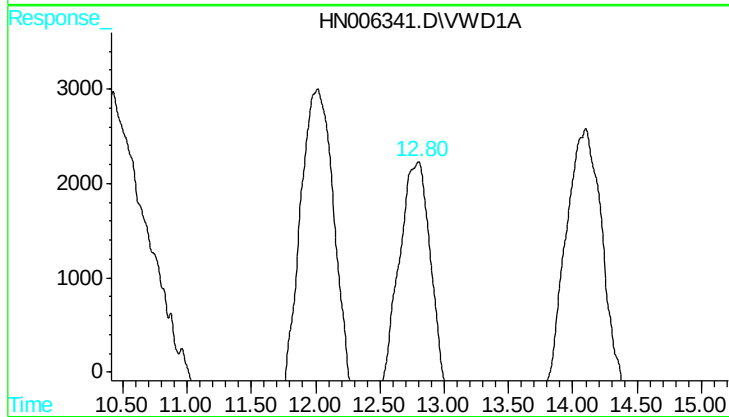
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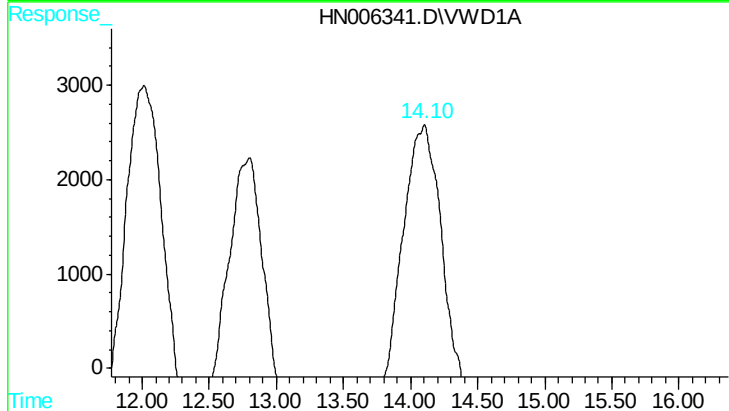
#14 2-Nitrotoluene

R.T.: 12.016 min
 Delta R.T.: 0.027 min
 Response: 744138
 Conc: 111.11 ug/L m



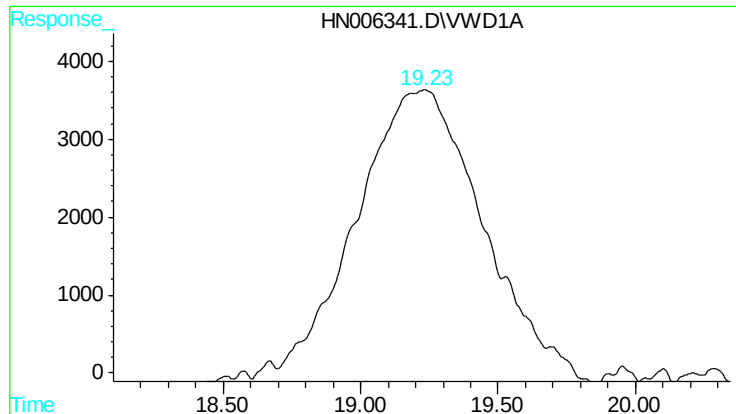
#15 4-Nitrotoluene

R.T.: 12.802 min
 Delta R.T.: 0.056 min
 Response: 627998
 Conc: 114.72 ug/L m



#16 3-Nitrotoluene

R.T.: 14.100 min
 Delta R.T.: 0.036 min
 Response: 793953
 Conc: 114.05 ug/L m



#17 PETN

R.T.: 19.229 min
Delta R.T.: 0.006 min
Response: 1240018
Conc: 150.66 ug/L m

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