

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006505.D\VWD1A.CH Vial: 28
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006505.D\VWD1A.CH
 Acq On : 23-Oct-2014, 18:41 Operator: HNP
 Sample : F4325-03 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 27 2:36 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 ClientSampleId :
 YS19-SB19-1014MS

Manual Integrations
 APPROVED

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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 : 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	601031	151.221 ug/L m
Target Compounds			
2) T HMX	0.87	619395	128.069 ug/L
3) T RDX	1.69	654007	119.289 ug/L m
4) T 1,3,5-Trinitrobenzene	2.66	1387422	129.370 ug/L
5) T 1,3-Dinitrobenzene	3.54	2225789	135.932 ng/ml
6) T 3,5-Dinitroaniline	3.90	1625604	139.503 ug/L m
7) T Nitrobenzene	4.78	1316880	131.413 ug/L m
8) T Tetryl	6.29	734413	115.181 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	1423411	132.570 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	1437365	124.131 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.43	866473	141.972 ug/L m
12) T 2,4-Dinitrotoluene	8.23	2062061	133.923 ug/L m
13) T 2,6-Dinitrotoluene	8.64	1096732	129.397 ug/L m
14) T 2-Nitrotoluene	11.97	829532	123.861 ug/L m
15) T 4-Nitrotoluene	12.72	617074	112.727 ug/L m
16) T 3-Nitrotoluene	14.02	926229	133.046 ug/L m
17) T PETN	19.21	994679	120.855 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.

HN006505.D HN100214.M Sat Nov 08 00:17:39 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006505.D\VWD1A.CH Vial: 28
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006505.D\VWD1A.CH
Acq On : 23-Oct-2014, 18:41 Operator: HNP
Sample : F4325-03 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 27 2:36 2014 Quant Results File: HN100214.RES

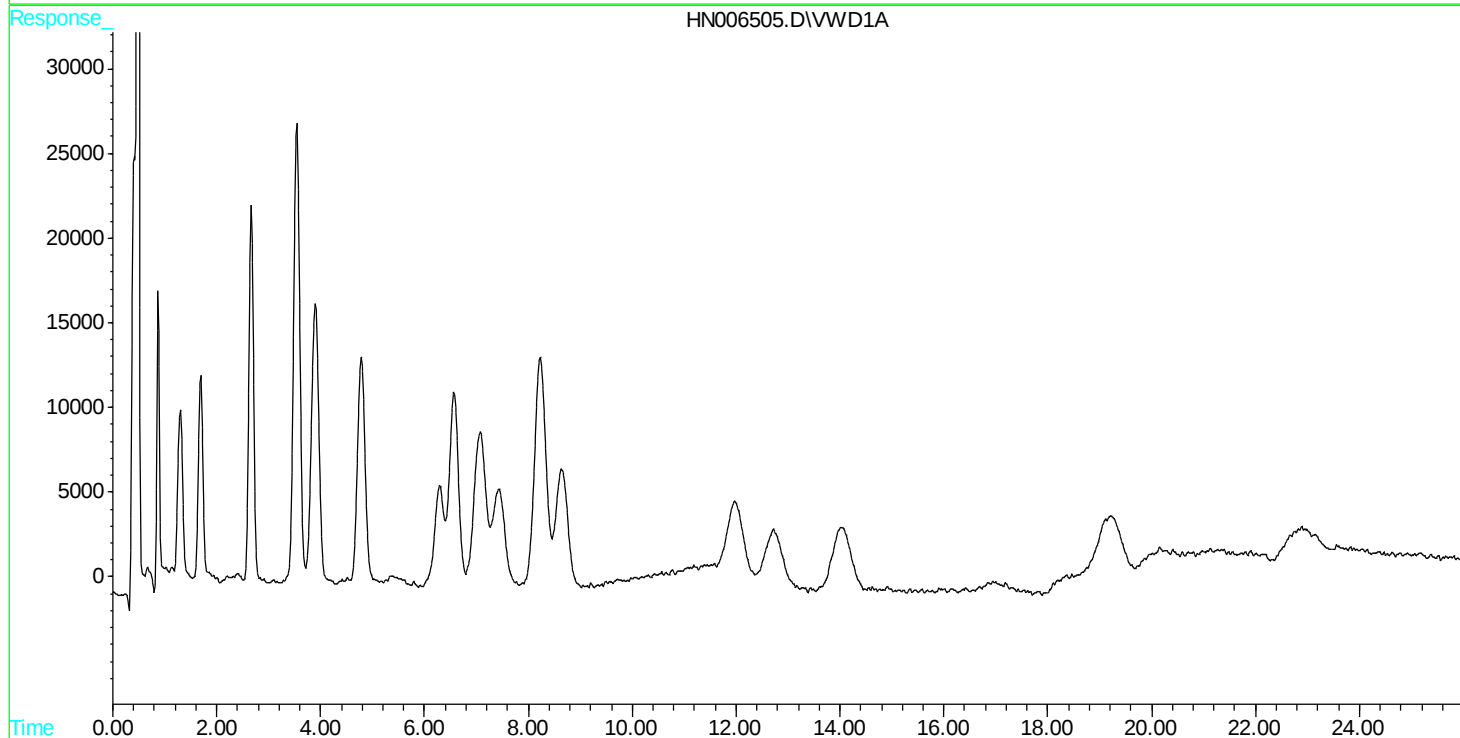
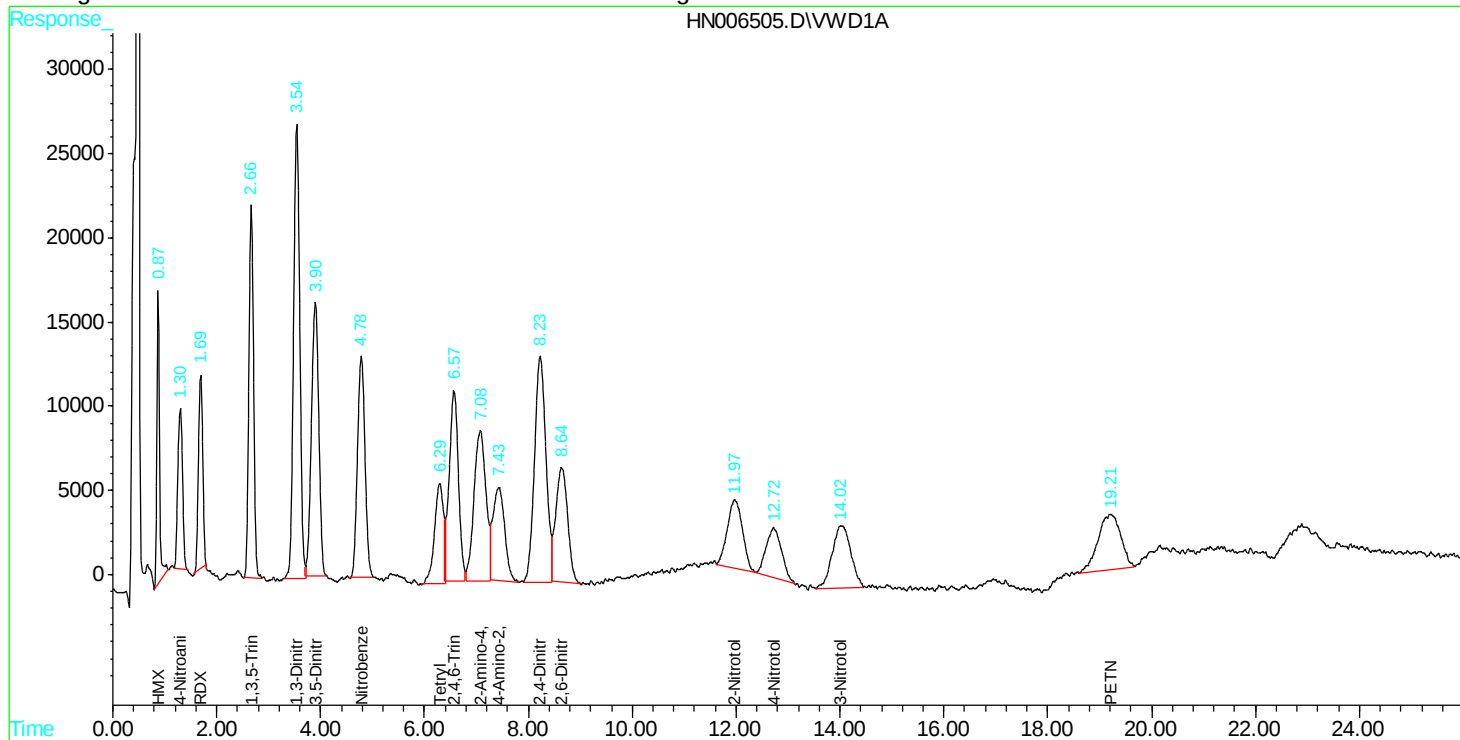
Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MS

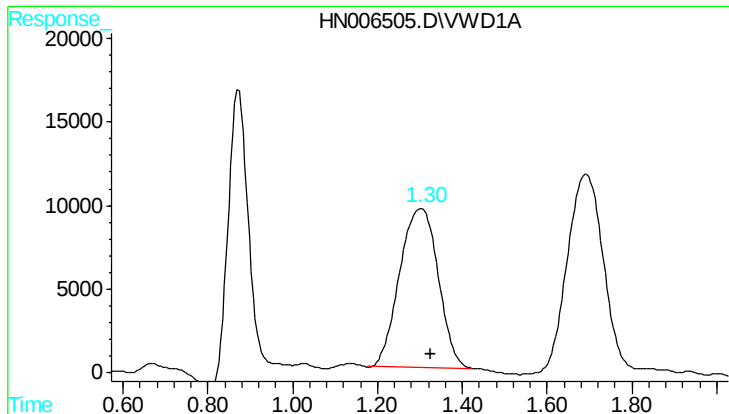
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Mon Oct 27 03:28:26 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





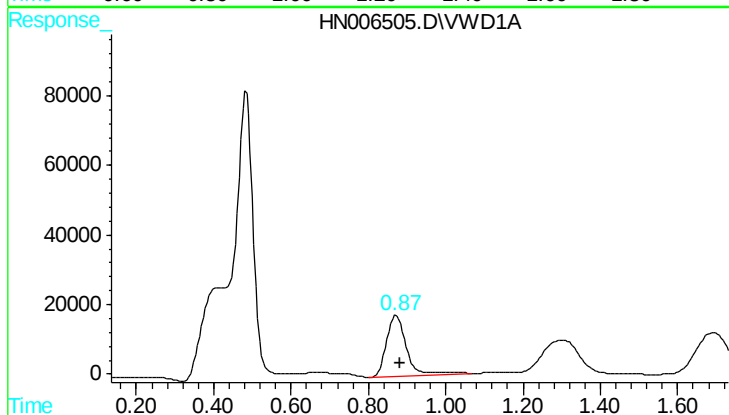
#1 4-Nitroaniline

R.T.: 1.302 min
Delta R.T.: -0.025 min
Response: 601031
Conc: 151.22 ug/L m

Instrument :
HPLC_N
ClientSampleId :
YS19-SB19-1014MS

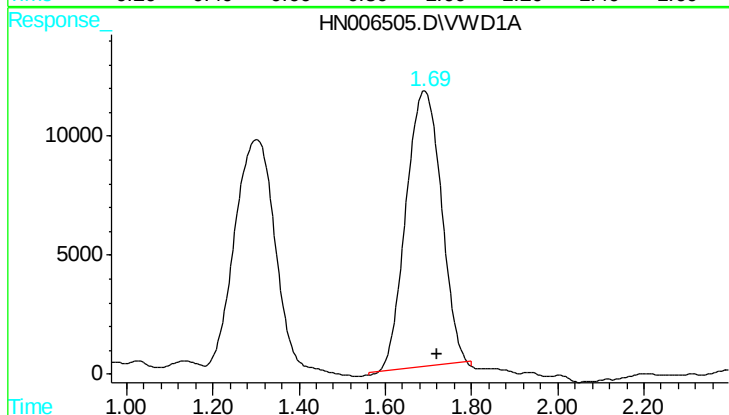
Manual Integrations
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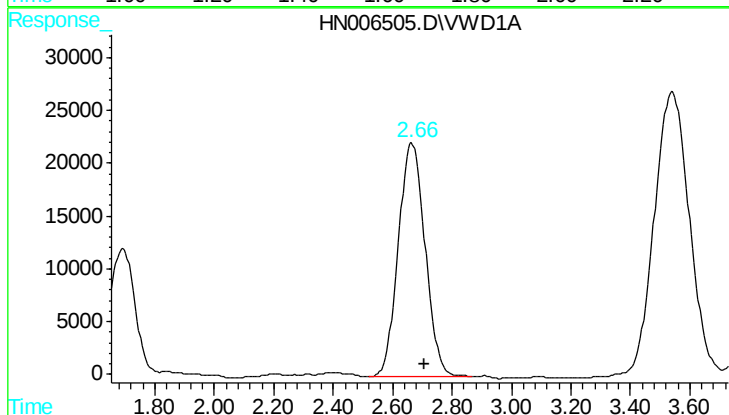
#2 HMX

R.T.: 0.872 min
Delta R.T.: -0.010 min
Response: 619395
Conc: 128.07 ug/L



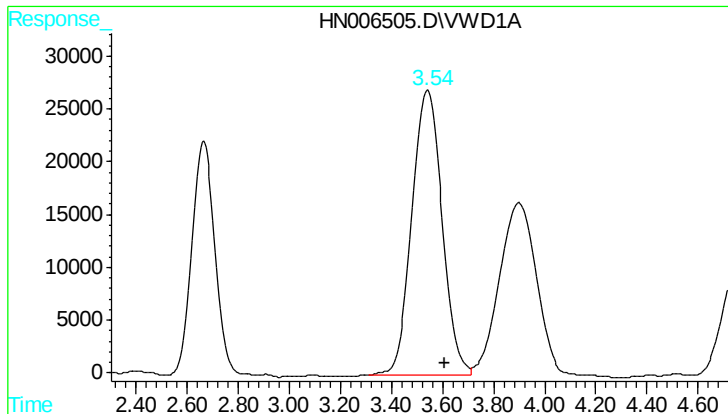
#3 RDX

R.T.: 1.690 min
Delta R.T.: -0.031 min
Response: 654007
Conc: 119.29 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.664 min
Delta R.T.: -0.044 min
Response: 1387422
Conc: 129.37 ug/L



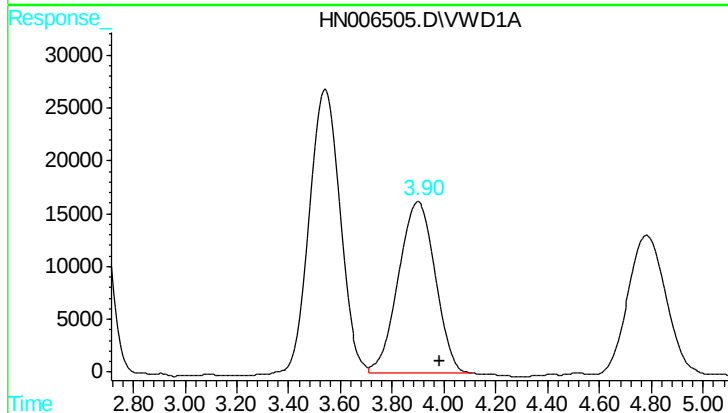
#5 1,3-Dinitrobenzene

R.T.: 3.541 min
Delta R.T.: -0.068 min
Response: 2225789
Conc: 135.93 ng/ml

Instrument :
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ClientSampleId :
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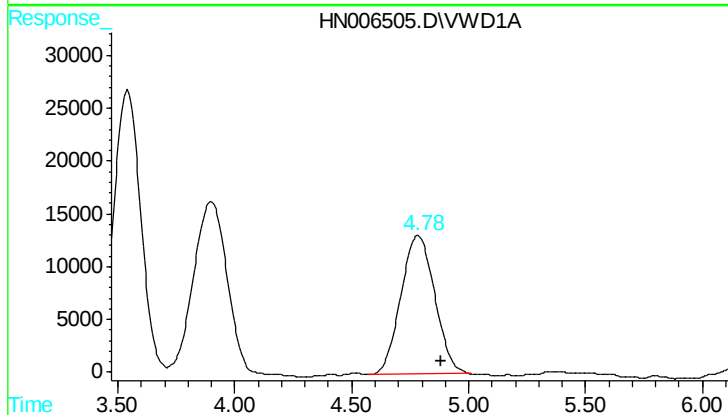
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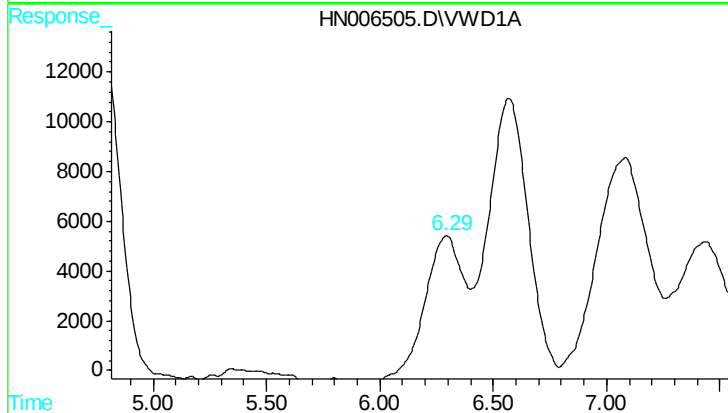
#6 3,5-Dinitroaniline

R.T.: 3.898 min
Delta R.T.: -0.086 min
Response: 1625604
Conc: 139.50 ug/L m



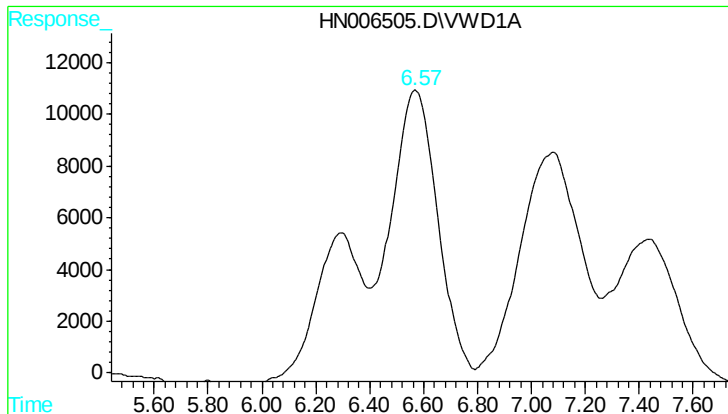
#7 Nitrobenzene

R.T.: 4.781 min
Delta R.T.: -0.102 min
Response: 1316880
Conc: 131.41 ug/L m



#8 Tetryl

R.T.: 6.293 min
Delta R.T.: -0.181 min
Response: 734413
Conc: 115.18 ug/L m



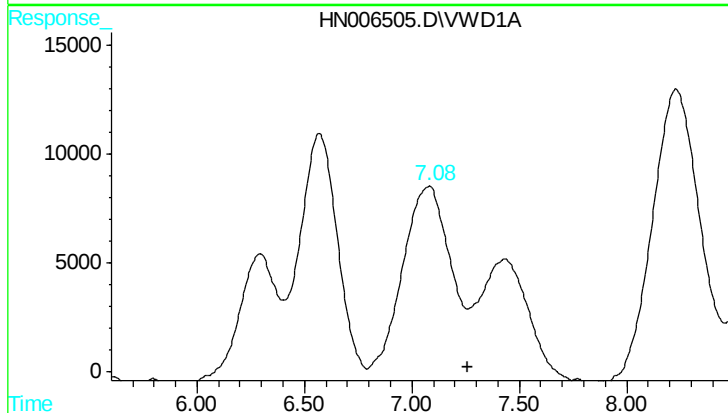
#9 2,4,6-Trinitrotoluene

R.T.: 6.568 min
Delta R.T.: -0.159 min
Response: 1423411
Conc: 132.57 ug/L m

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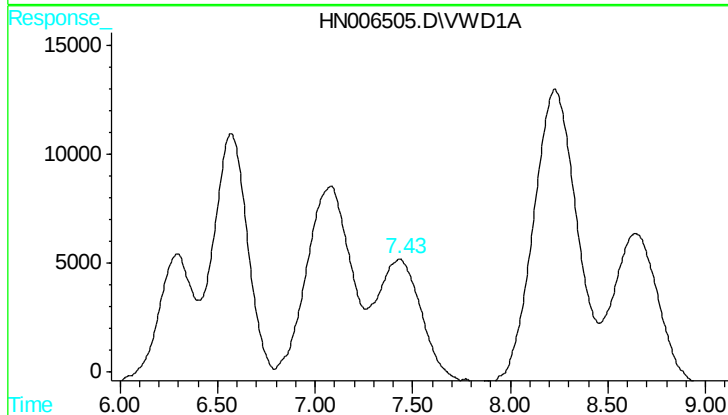
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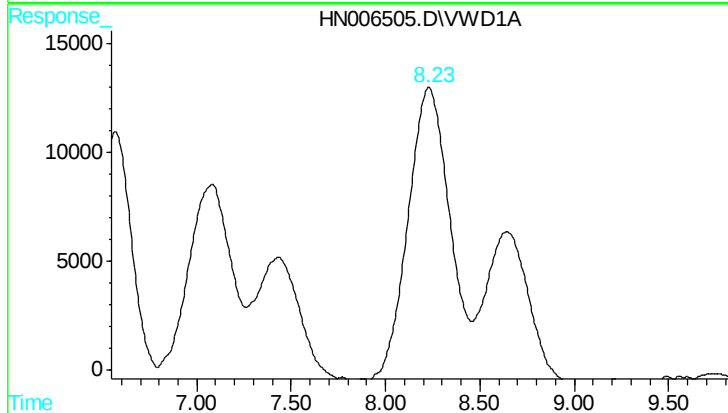
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.082 min
Delta R.T.: -0.180 min
Response: 1437365
Conc: 124.13 ug/L m



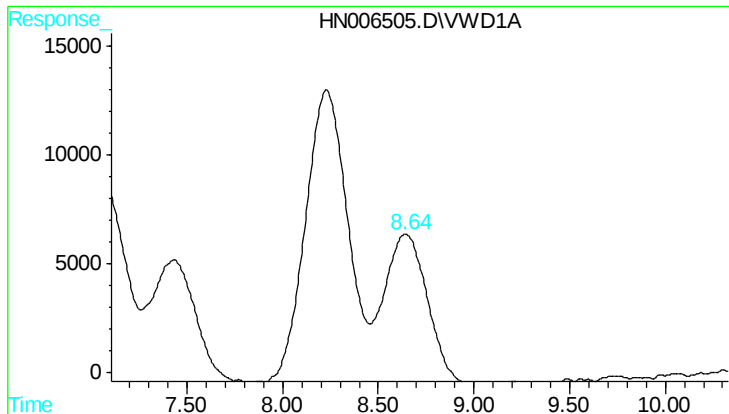
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.433 min
Delta R.T.: -0.200 min
Response: 866473
Conc: 141.97 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.227 min
Delta R.T.: -0.208 min
Response: 2062061
Conc: 133.92 ug/L m



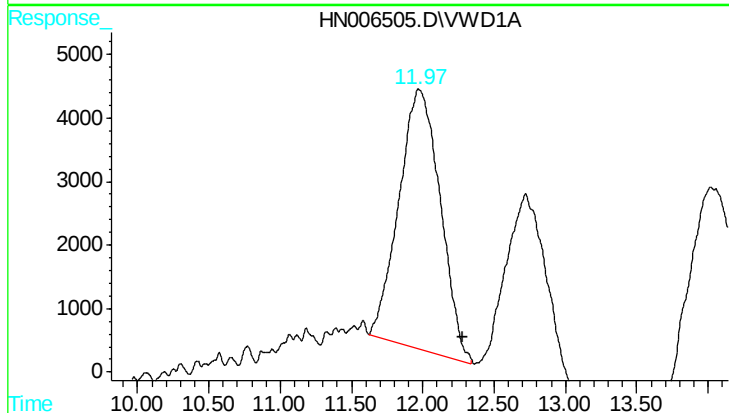
#13 2,6-Dinitrotoluene

R.T.: 8.640 min
 Delta R.T.: -0.222 min
 Response: 1096732
 Conc: 129.40 ug/L m

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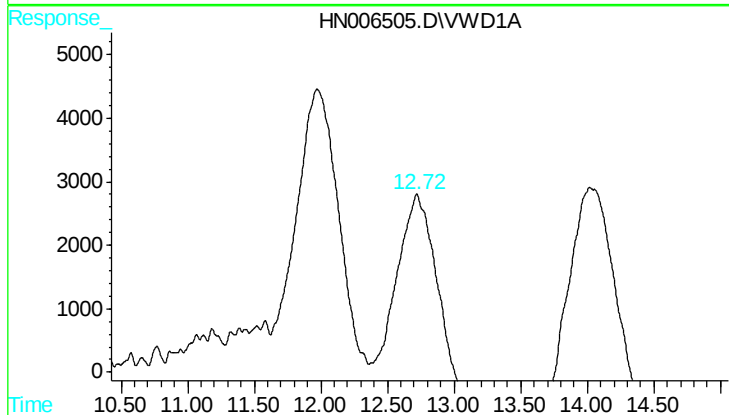
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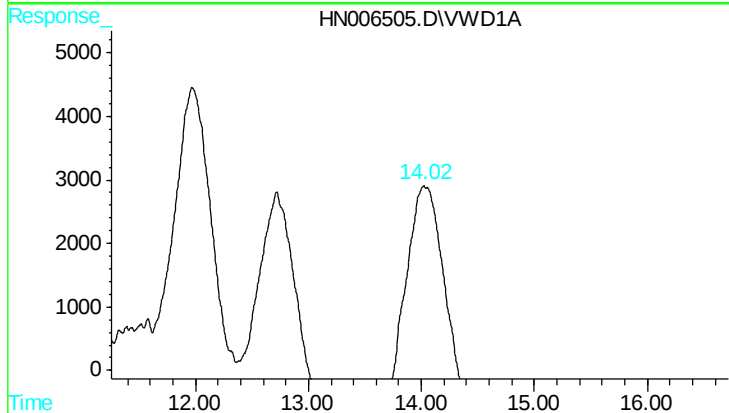
#14 2-Nitrotoluene

R.T.: 11.970 min
 Delta R.T.: -0.311 min
 Response: 829532
 Conc: 123.86 ug/L m



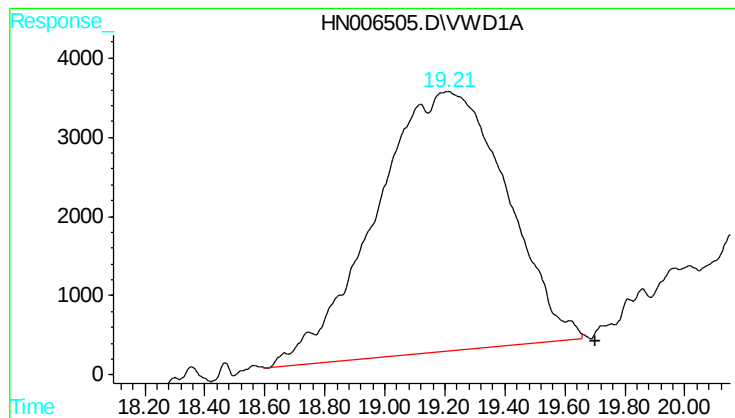
#15 4-Nitrotoluene

R.T.: 12.719 min
 Delta R.T.: -0.325 min
 Response: 617074
 Conc: 112.73 ug/L m



#16 3-Nitrotoluene

R.T.: 14.016 min
 Delta R.T.: -0.284 min
 Response: 926229
 Conc: 133.05 ug/L m



#17 PETN

R.T.: 19.206 min
Delta R.T.: -0.496 min
Response: 994679
Conc: 120.85 ug/L m

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