

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006509.D\VWD1A.CH Vial: 1
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006509.D\VWD1A.CH
 Acq On : 23-Oct-2014, 20:33 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 24 8:59 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/3/2014 11:46:26 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
 Title :
 Last Update : Fri Oct 17 14:52:14 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	1699178	427.517 ug/L m
Target Compounds			
2) T HMX	0.87	2191139	453.051 ug/L m
3) T RDX	1.69	2644545	482.357 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5479577	510.942 ug/L
5) T 1,3-Dinitrobenzene	3.54	8363666	510.782 ng/ml
6) T 3,5-Dinitroaniline	3.90	5940050	509.752 ug/L m
7) T Nitrobenzene	4.78	5014819	500.433 ug/L m
8) T Tetryl	6.30	3230103	506.589 ug/L m
9) T 2,4,6-Trinitrotoluene	6.57	5453365	507.902 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.08	5803108	501.159 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.43	3408690	558.514 ug/L m
12) T 2,4-Dinitrotoluene	8.23	7892206	512.567 ug/L m
13) T 2,6-Dinitrotoluene	8.64	4310721	508.598 ug/L m
14) T 2-Nitrotoluene	11.98	3117803	465.532 ug/L m
15) T 4-Nitrotoluene	12.73	2683046	490.140 ug/L m
16) T 3-Nitrotoluene	14.05	3463058	497.443 ug/L m
17) T PETN	19.21	4561113	554.182 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.

HN006509.D HN100214.M Sat Nov 08 00:18:45 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006509.D\VWD1A.CH Vial: 1
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN102314\HN006509.D\VWD1A.CH
Acq On : 23-Oct-2014, 20:33 Operator: HNP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 24 8:59 2014 Quant Results File: HN100214.RES

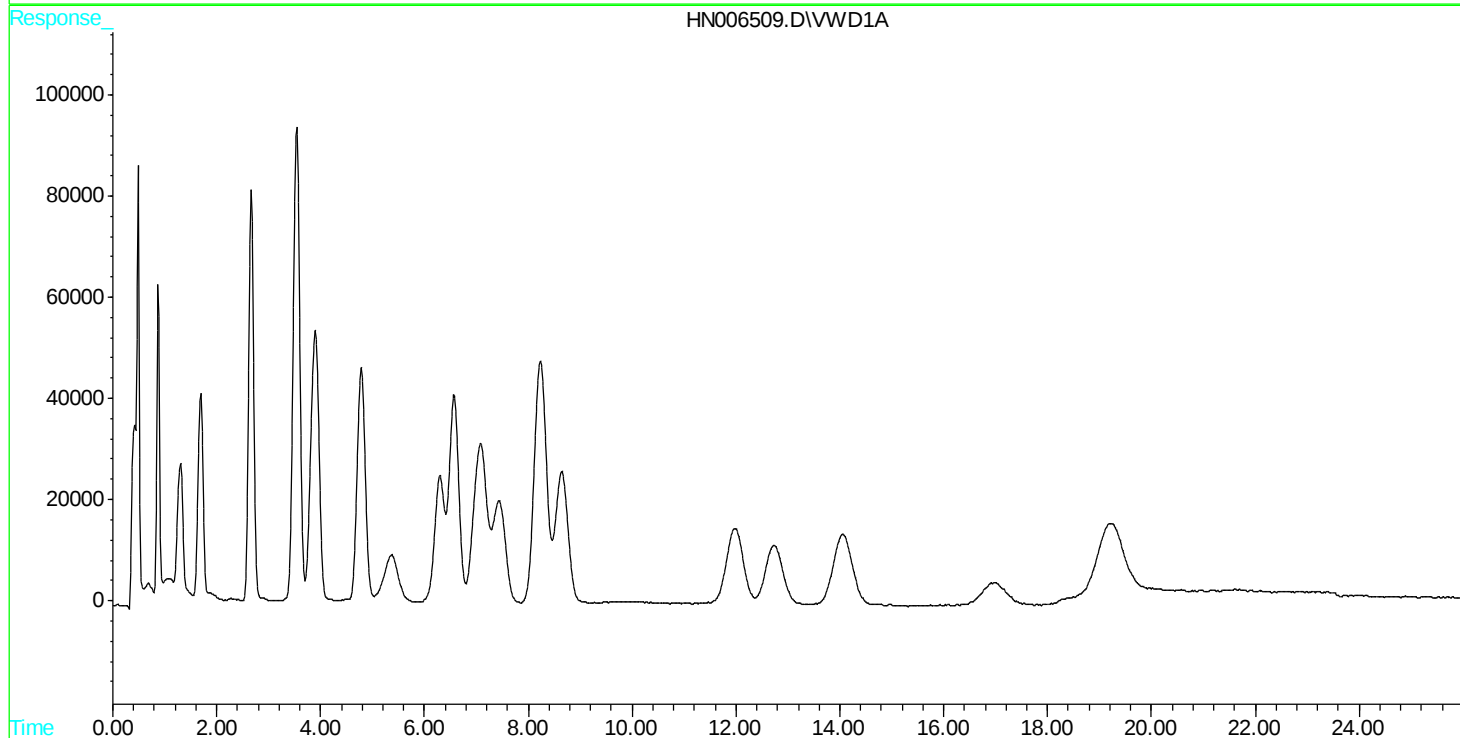
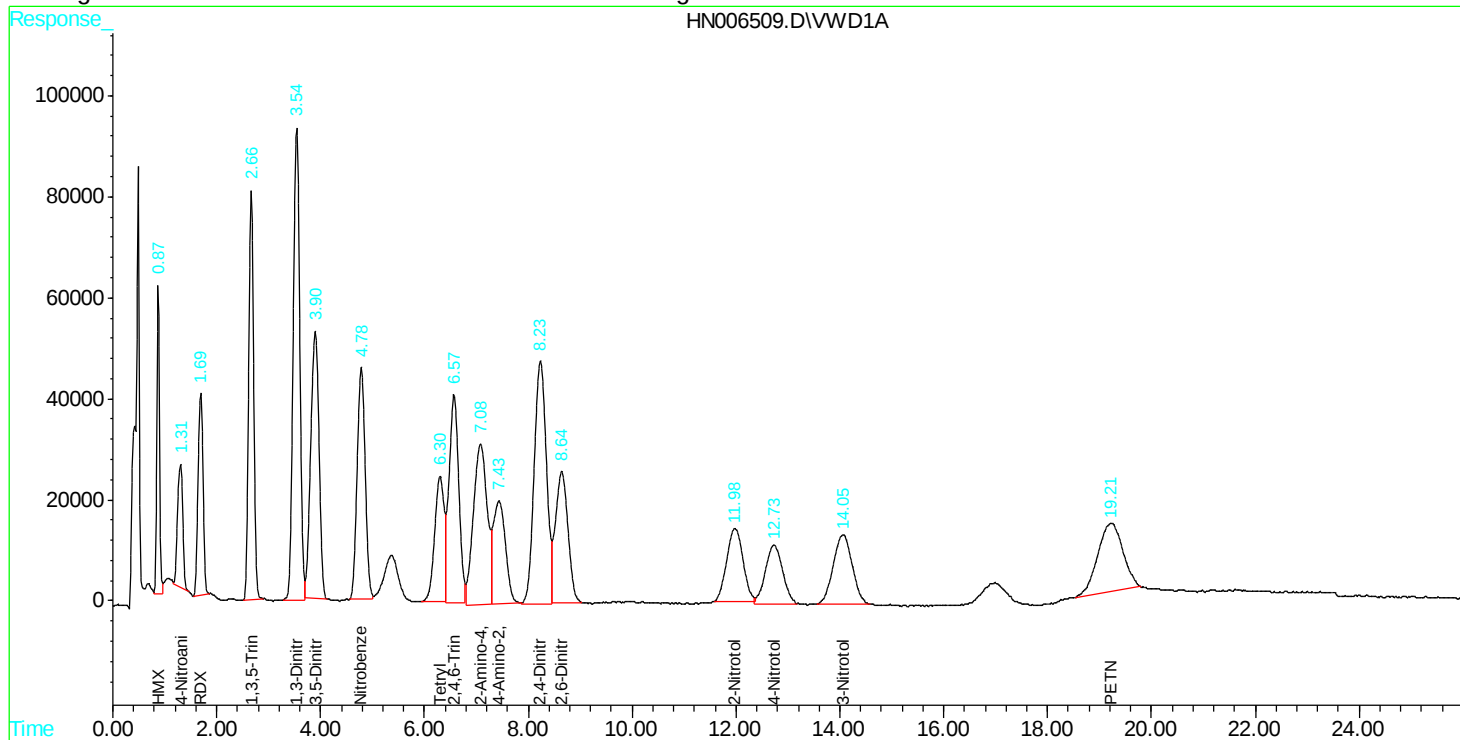
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

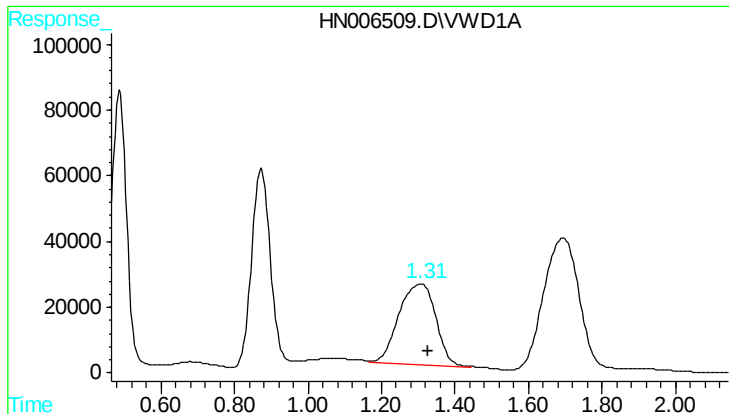
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN100214.M
Title :
Last Update : Fri Oct 17 14:52:14 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





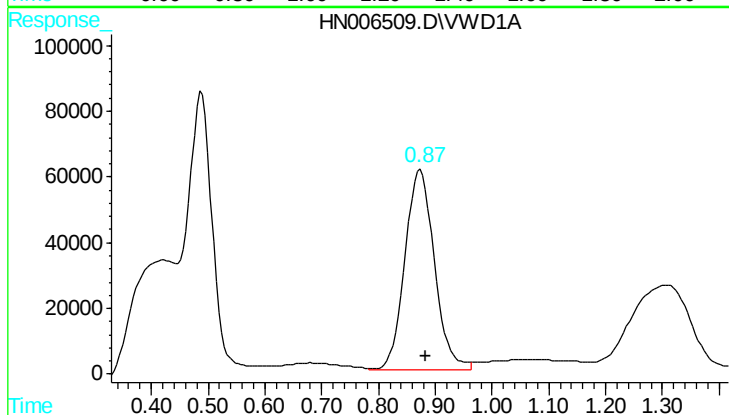
#1 4-Nitroaniline

R.T.: 1.308 min
Delta R.T.: -0.019 min
Response: 1699178
Conc: 427.52 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

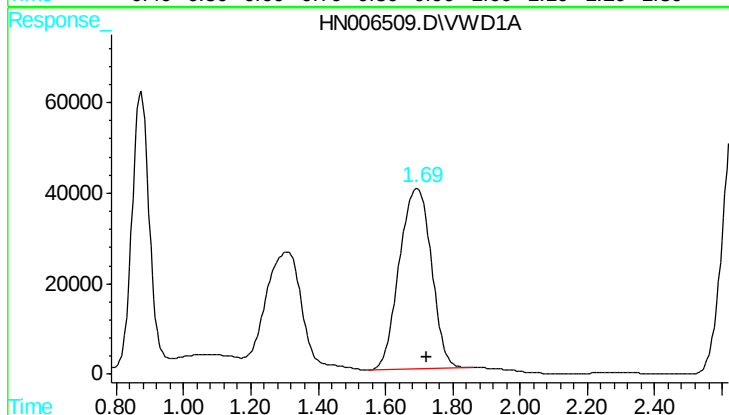
Manual Integrations
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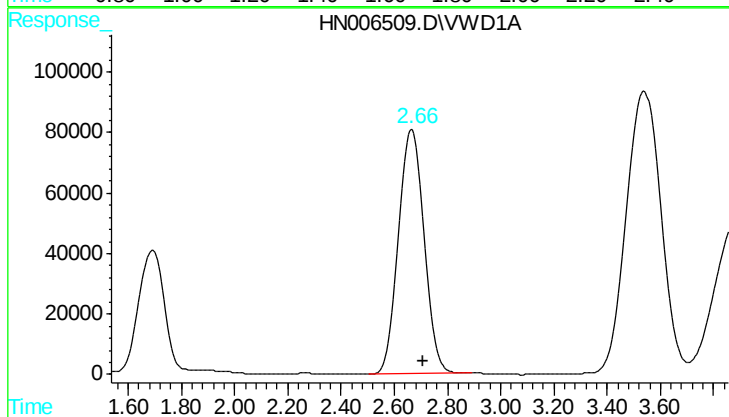
#2 HMX

R.T.: 0.872 min
Delta R.T.: -0.010 min
Response: 2191139
Conc: 453.05 ug/L m



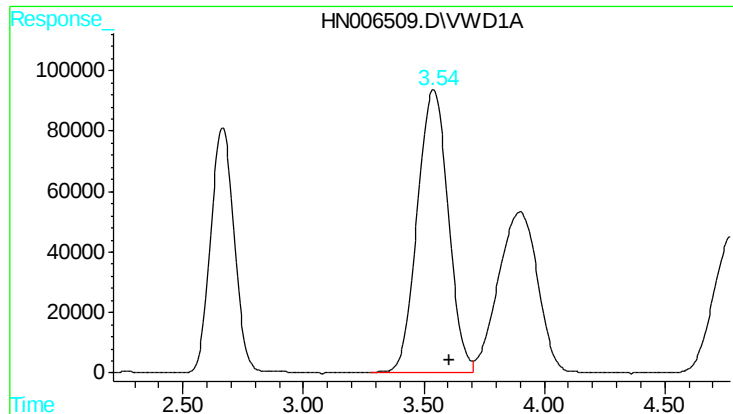
#3 RDX

R.T.: 1.694 min
Delta R.T.: -0.027 min
Response: 2644545
Conc: 482.36 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.665 min
Delta R.T.: -0.043 min
Response: 5479577
Conc: 510.94 ug/L



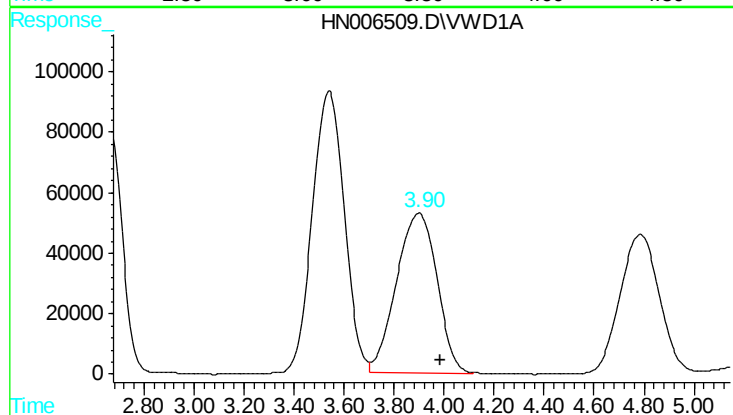
#5 1,3-Dinitrobenzene

R.T.: 3.540 min
Delta R.T.: -0.068 min
Response: 8363666
Conc: 510.78 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

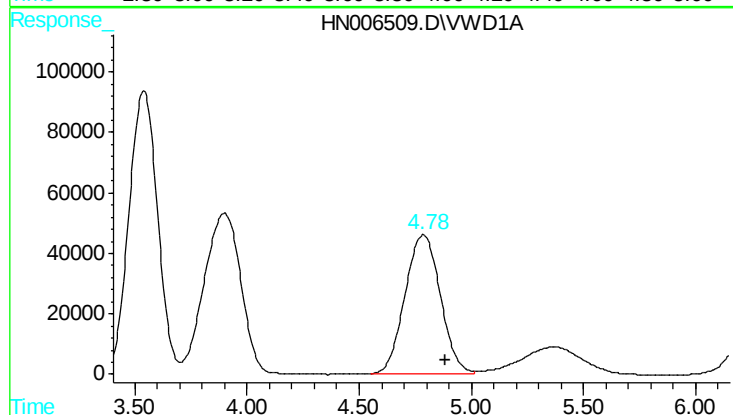
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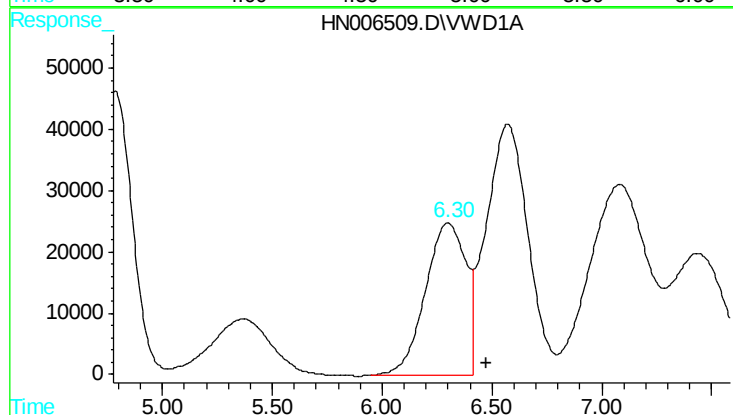
#6 3,5-Dinitroaniline

R.T.: 3.899 min
Delta R.T.: -0.085 min
Response: 5940050
Conc: 509.75 ug/L m



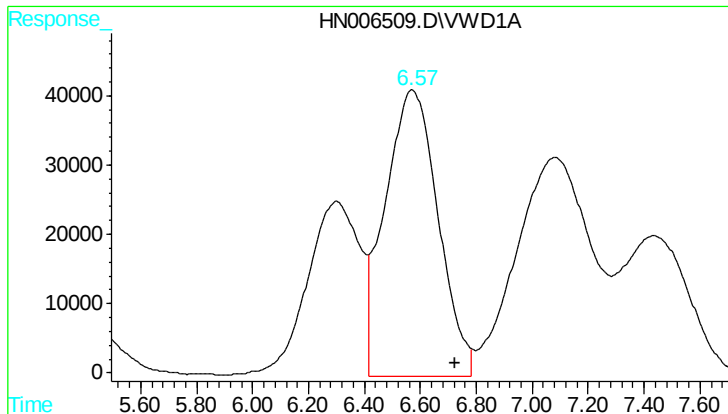
#7 Nitrobenzene

R.T.: 4.784 min
Delta R.T.: -0.099 min
Response: 5014819
Conc: 500.43 ug/L m



#8 Tetryl

R.T.: 6.298 min
Delta R.T.: -0.176 min
Response: 3230103
Conc: 506.59 ug/L m



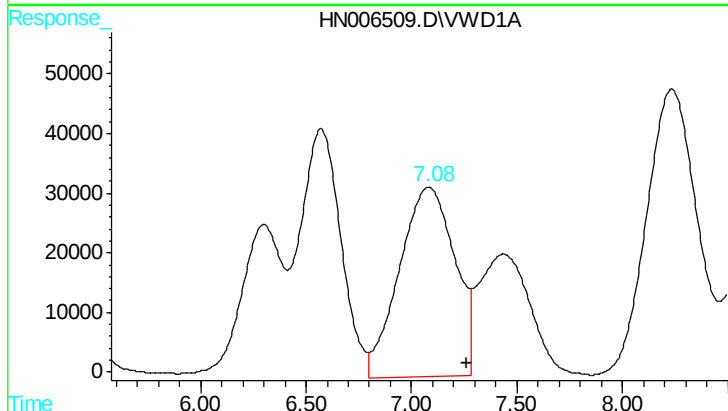
#9 2,4,6-Trinitrotoluene

R.T.: 6.569 min
Delta R.T.: -0.157 min
Response: 5453365
Conc: 507.90 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

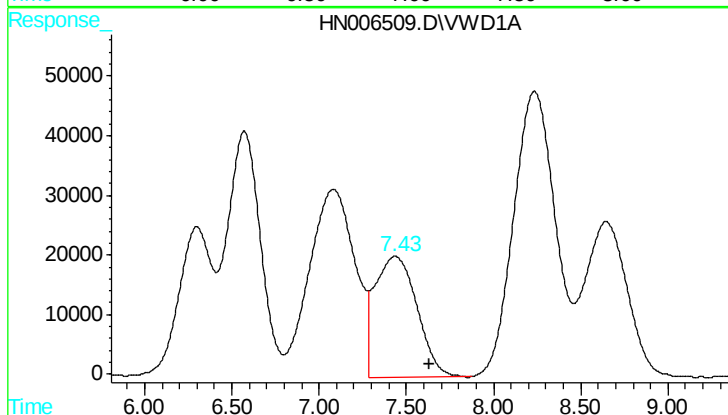
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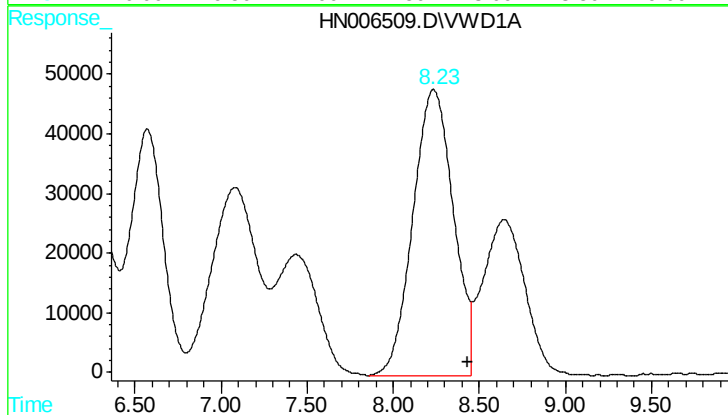
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.081 min
Delta R.T.: -0.181 min
Response: 5803108
Conc: 501.16 ug/L m



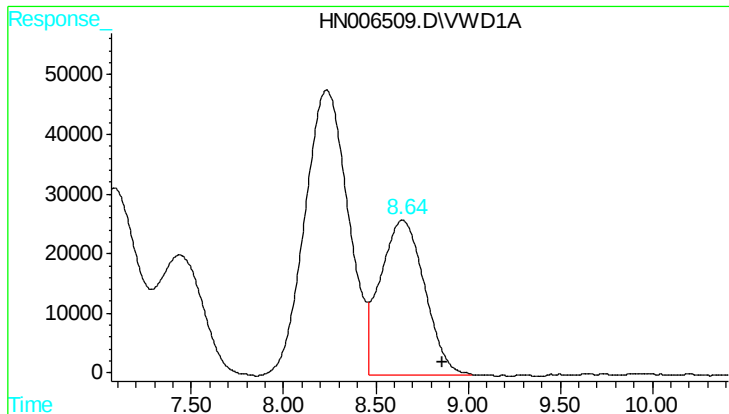
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.433 min
Delta R.T.: -0.201 min
Response: 3408690
Conc: 558.51 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.232 min
Delta R.T.: -0.203 min
Response: 7892206
Conc: 512.57 ug/L m



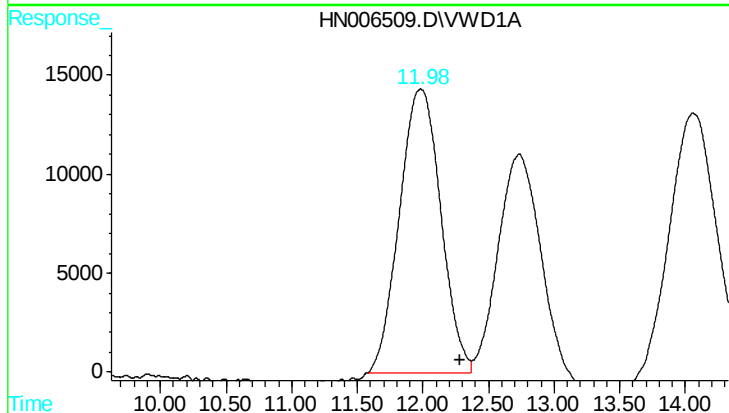
#13 2,6-Dinitrotoluene

R.T.: 8.642 min
Delta R.T.: -0.220 min
Response: 4310721
Conc: 508.60 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

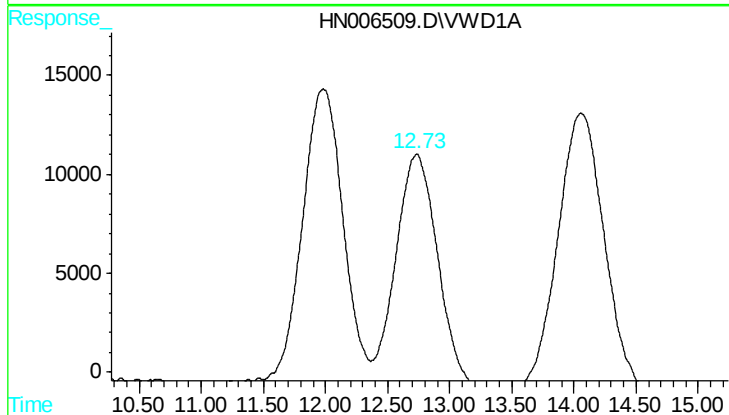
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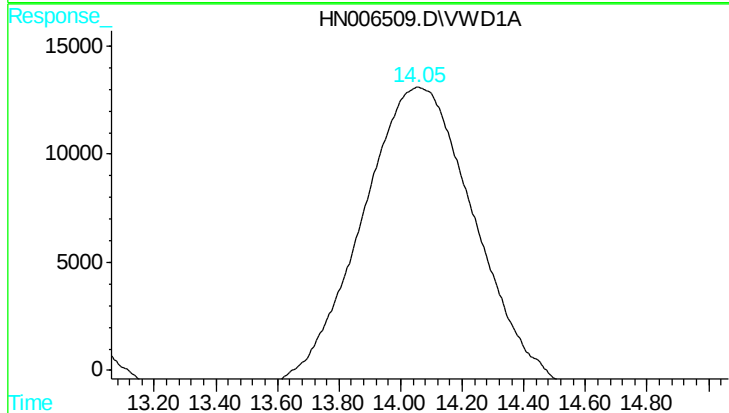
#14 2-Nitrotoluene

R.T.: 11.979 min
Delta R.T.: -0.302 min
Response: 3117803
Conc: 465.53 ug/L m



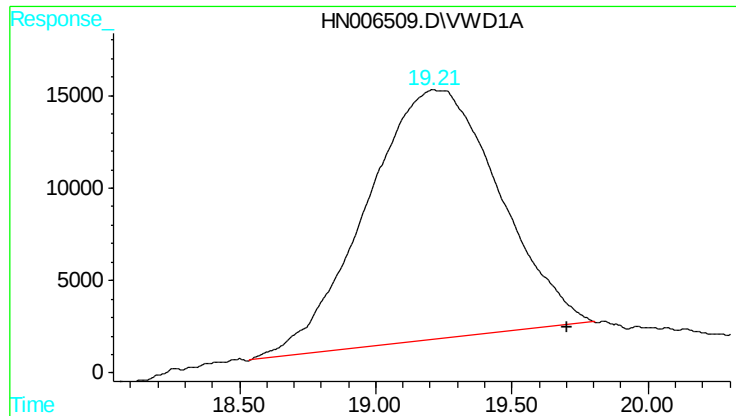
#15 4-Nitrotoluene

R.T.: 12.733 min
Delta R.T.: -0.311 min
Response: 2683046
Conc: 490.14 ug/L m



#16 3-Nitrotoluene

R.T.: 14.054 min
Delta R.T.: -0.246 min
Response: 3463058
Conc: 497.44 ug/L m



#17 PETN

R.T.: 19.206 min
Delta R.T.: -0.496 min
Response: 4561113
Conc: 554.18 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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