

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006344.D\VWD1A.CH Vial: 1
 Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006344.D\VWD1A.CH
 Acq On : 16-Oct-2014, 08:00 Operator: HNP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Oct 16 12:05 2014 Quant Results File: HN100214.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

mohammad
 10/21/2014 10:21:14 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	1.31	1649715	415.072 ug/L m
Target Compounds			
2) T HMX	0.87	2093786	432.922 ug/L
3) T RDX	1.69	2694349	491.441 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	5460972	509.207 ug/L
5) T 1,3-Dinitrobenzene	3.54	8268610	504.976 ng/ml
6) T 3,5-Dinitroaniline	3.90	5874374	504.116 ug/L
7) T Nitrobenzene	4.79	4966516	495.613 ug/L
8) T Tetryl	6.30	3587141	562.585 ug/L
9) T 2,4,6-Trinitrotoluene	6.57	5387540	501.772 ug/L
10) T 2-Amino-4,6-dinitrotoluene	7.07	5606354	484.167 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.43	3356373	549.942 ug/L
12) T 2,4-Dinitrotoluene	8.23	7687104	499.246 ug/L
13) T 2,6-Dinitrotoluene	8.64	4152332	489.911 ug/L
14) T 2-Nitrotoluene	11.96	3262942	487.203 ug/L m
15) T 4-Nitrotoluene	12.70	2570119	469.511 ug/L m
16) T 3-Nitrotoluene	14.02	3433989	493.267 ug/L
17) T PETN	19.14	3672719	446.241 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.

HN006344.D HN100214.M

Thu Oct 30 05:17:54 2014

Signal #1 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006344.D\VWD1A.CH Vial: 1
Signal #2 : X:\HPCHEM1\HPLC N\DATA\HN101514\HN006344.D\VWD1A.CH
Acq On : 16-Oct-2014, 08:00 Operator: HNP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Oct 16 12:05 2014 Quant Results File: HN100214.RES

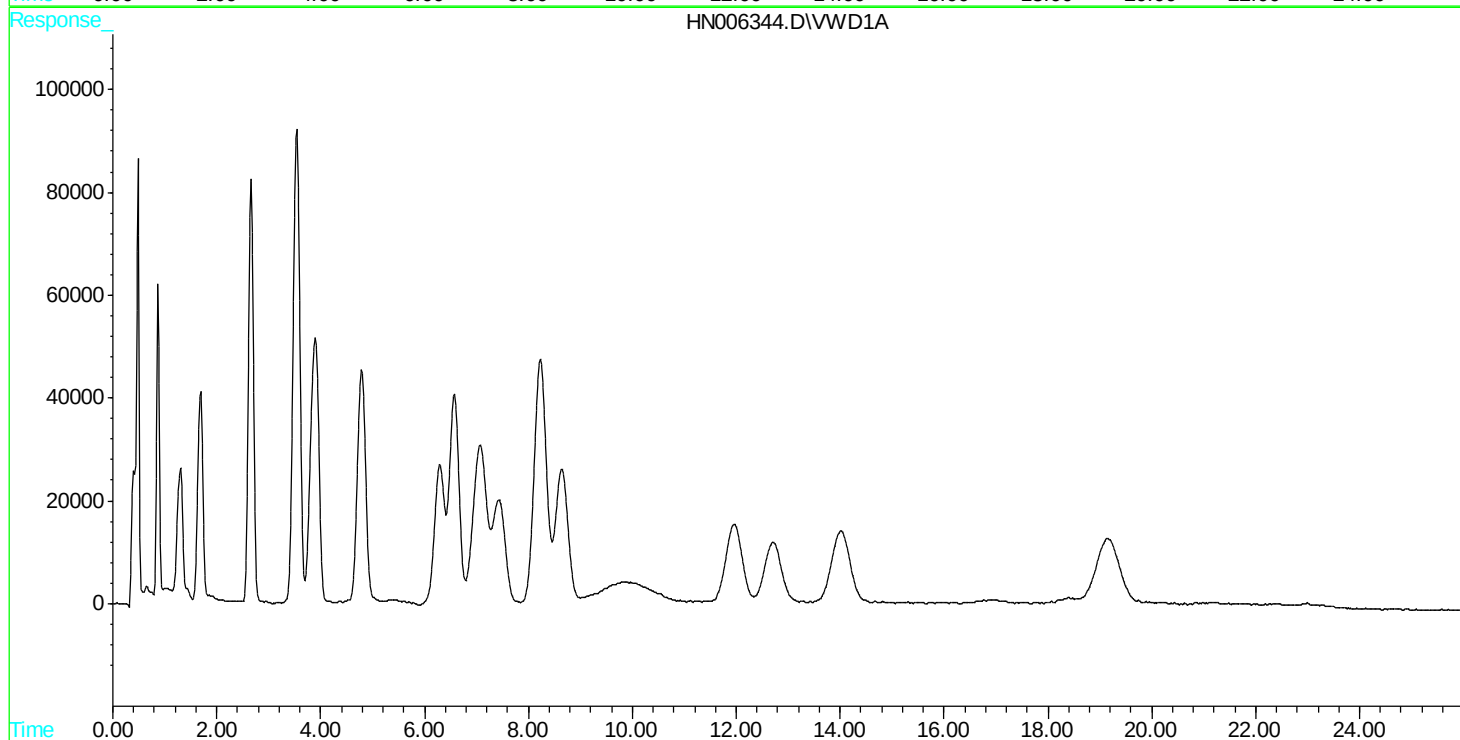
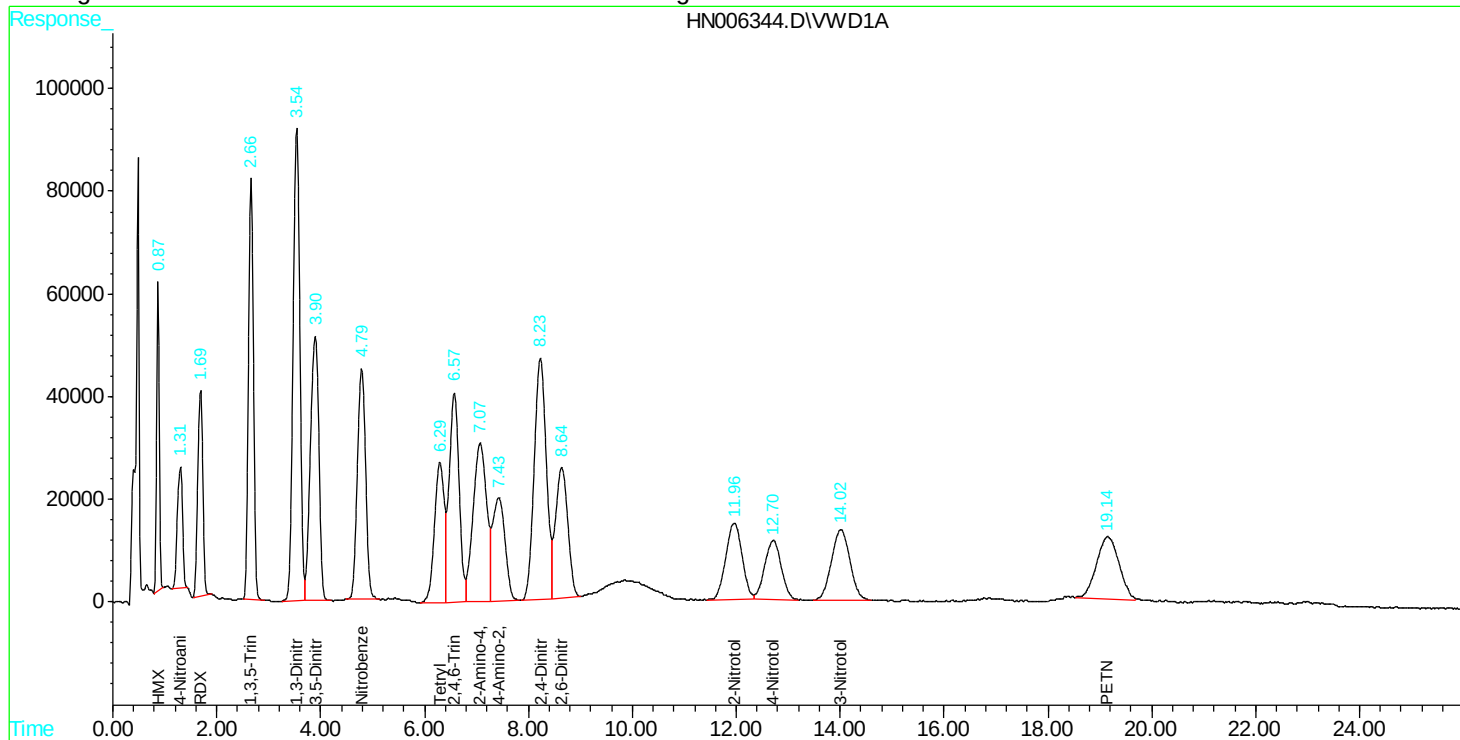
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

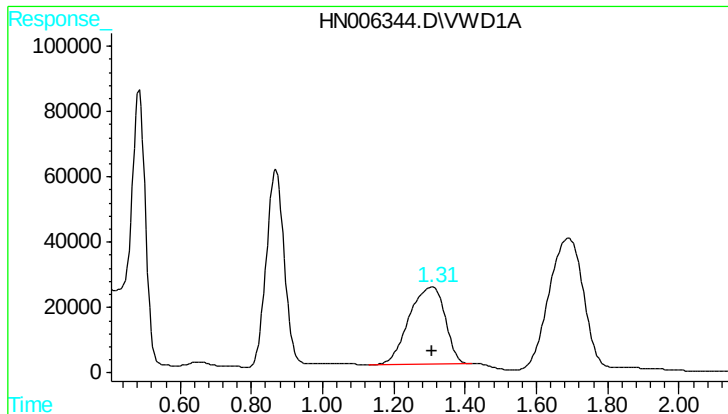
Manual Integrations
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10/21/2014 10:21:14 AM

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

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 :





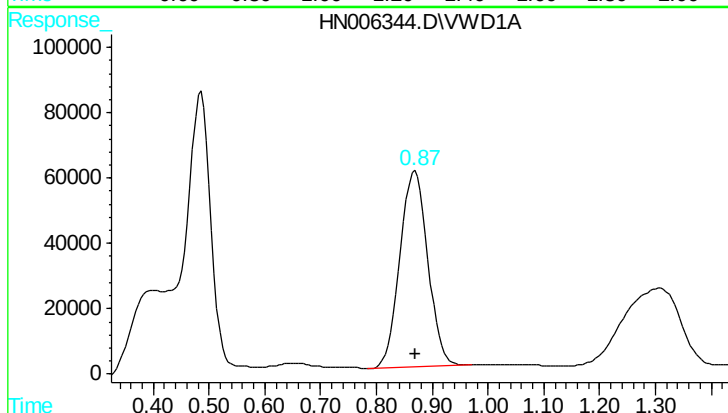
#1 4-Nitroaniline

R.T.: 1.306 min
Delta R.T.: -0.002 min
Response: 1649715
Conc: 415.07 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

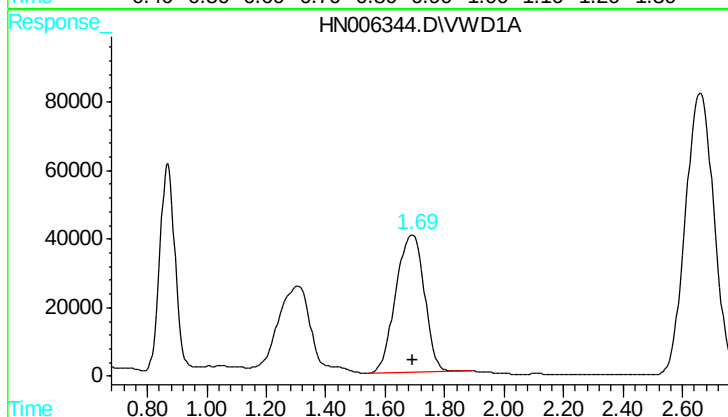
Manual Integrations
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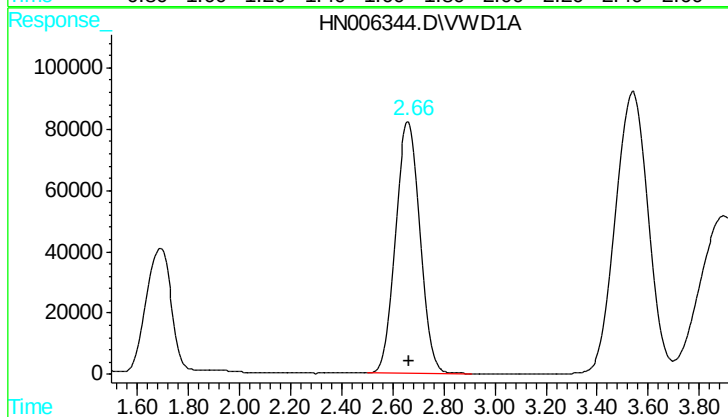
#2 HMX

R.T.: 0.869 min
Delta R.T.: -0.002 min
Response: 2093786
Conc: 432.92 ug/L



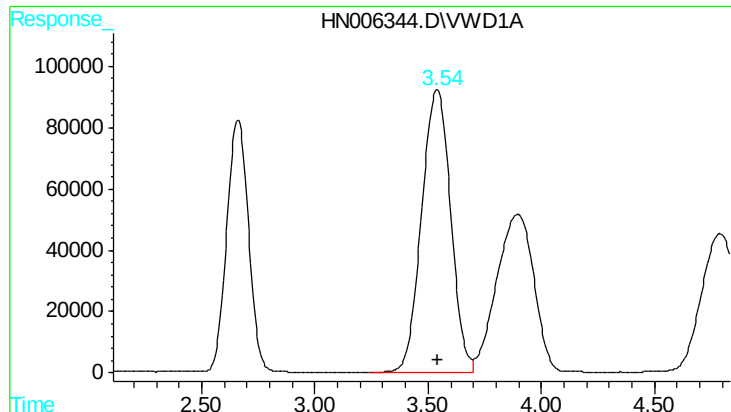
#3 RDX

R.T.: 1.691 min
Delta R.T.: -0.005 min
Response: 2694349
Conc: 491.44 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.660 min
Delta R.T.: -0.005 min
Response: 5460972
Conc: 509.21 ug/L



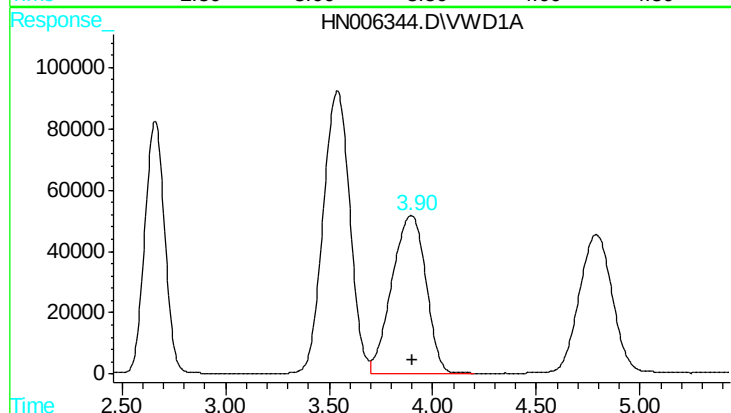
#5 1,3-Dinitrobenzene

R.T.: 3.540 min
Delta R.T.: -0.005 min
Response: 8268610
Conc: 504.98 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

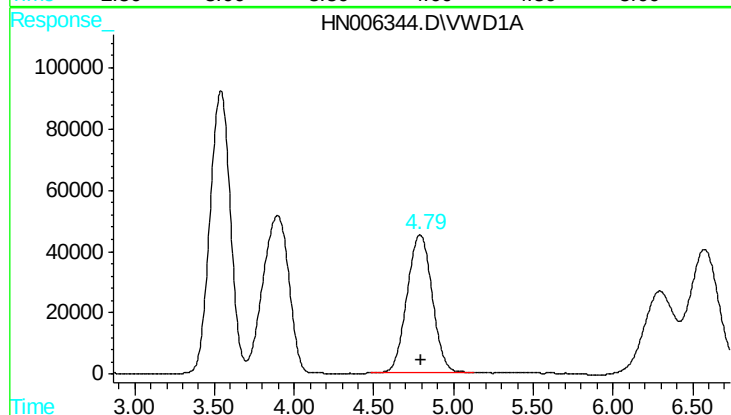
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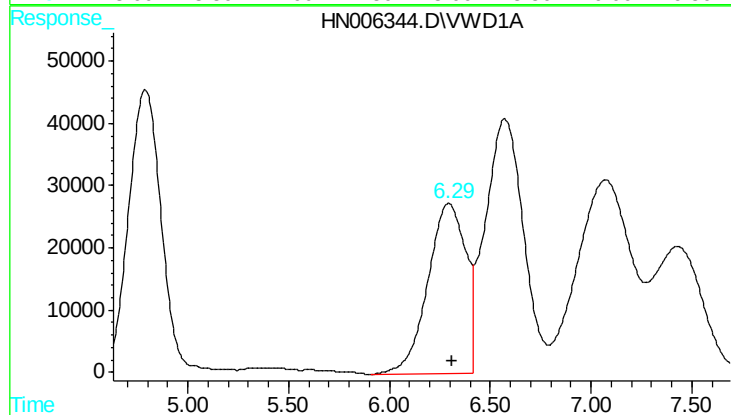
#6 3,5-Dinitroaniline

R.T.: 3.897 min
Delta R.T.: -0.005 min
Response: 5874374
Conc: 504.12 ug/L



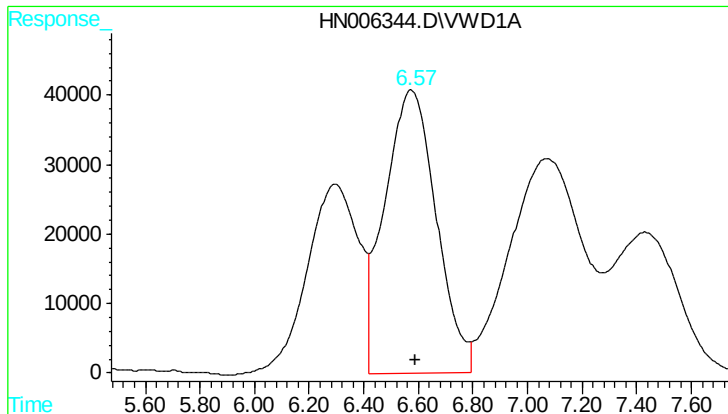
#7 Nitrobenzene

R.T.: 4.790 min
Delta R.T.: -0.004 min
Response: 4966516
Conc: 495.61 ug/L



#8 Tetryl

R.T.: 6.295 min
Delta R.T.: -0.017 min
Response: 3587141
Conc: 562.58 ug/L



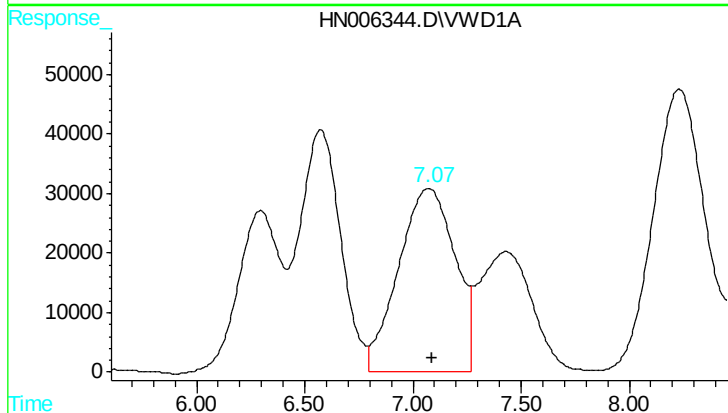
#9 2,4,6-Trinitrotoluene

R.T.: 6.573 min
Delta R.T.: -0.014 min
Response: 5387540
Conc: 501.77 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

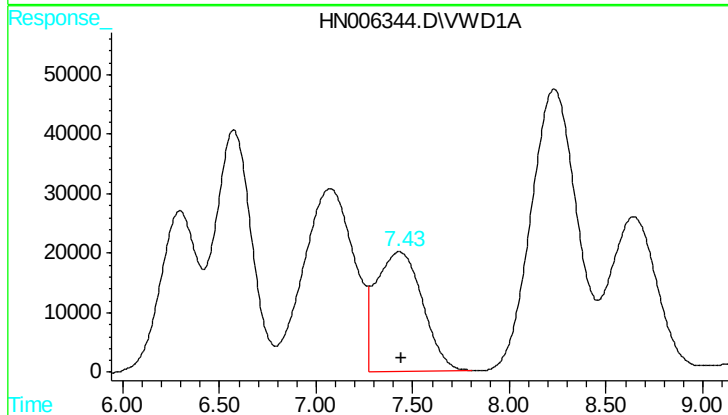
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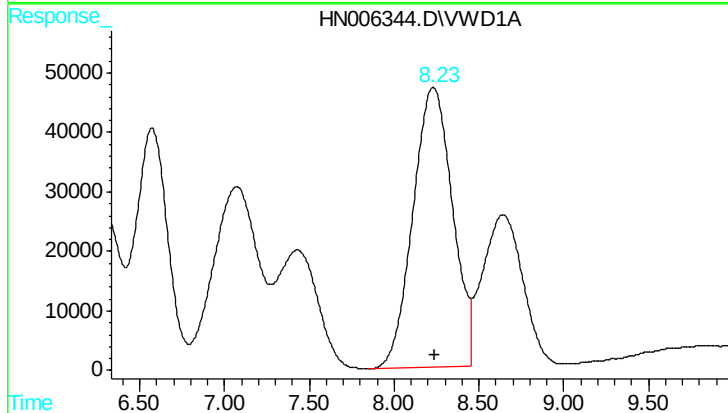
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.073 min
Delta R.T.: -0.016 min
Response: 5606354
Conc: 484.17 ug/L



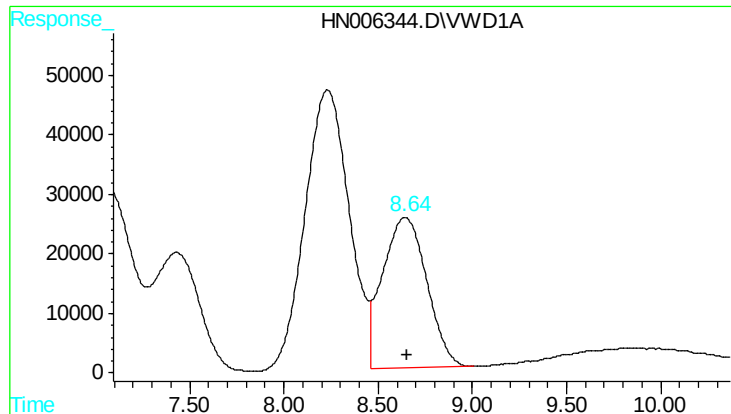
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.430 min
Delta R.T.: -0.010 min
Response: 3356373
Conc: 549.94 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.231 min
Delta R.T.: -0.010 min
Response: 7687104
Conc: 499.25 ug/L



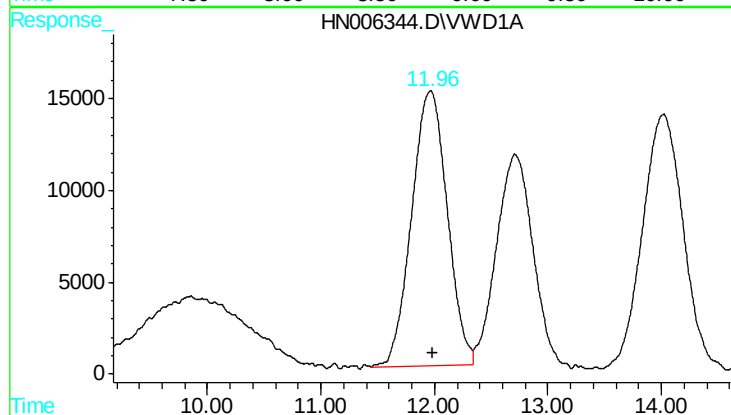
#13 2,6-Dinitrotoluene

R.T.: 8.643 min
Delta R.T.: -0.011 min
Response: 4152332
Conc: 489.91 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

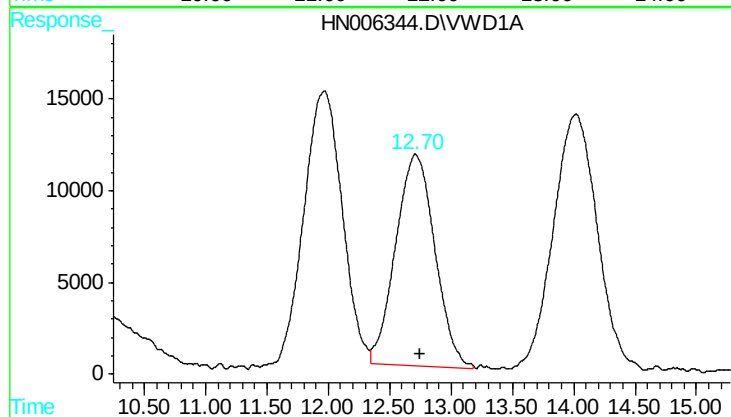
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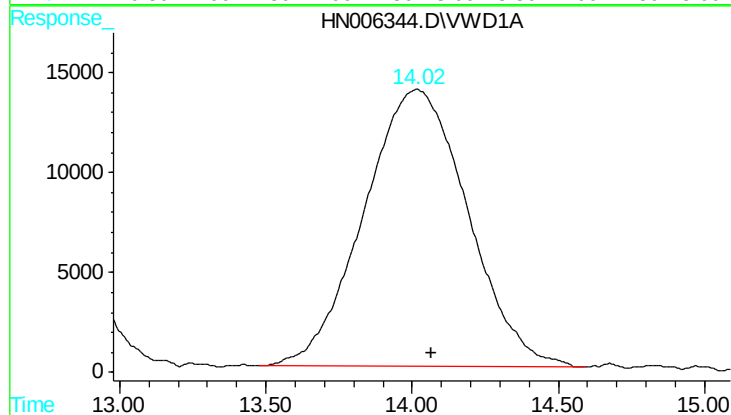
#14 2-Nitrotoluene

R.T.: 11.965 min
Delta R.T.: -0.024 min
Response: 3262942
Conc: 487.20 ug/L m



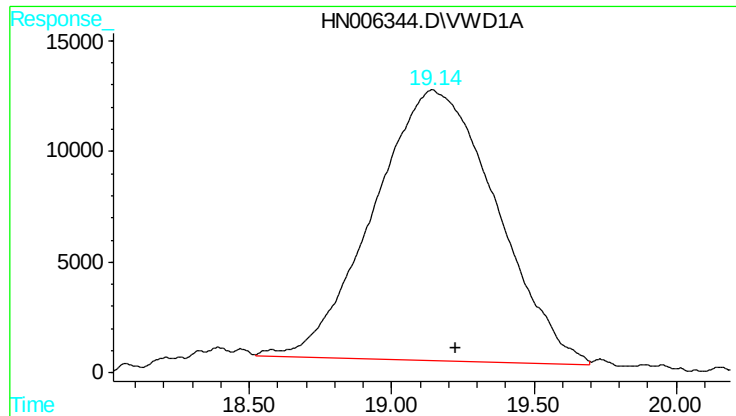
#15 4-Nitrotoluene

R.T.: 12.705 min
Delta R.T.: -0.041 min
Response: 2570119
Conc: 469.51 ug/L m



#16 3-Nitrotoluene

R.T.: 14.016 min
Delta R.T.: -0.048 min
Response: 3433989
Conc: 493.27 ug/L



#17 PETN

R.T.: 19.143 min
Delta R.T.: -0.081 min
Response: 3672719
Conc: 446.24 ug/L m

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

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