

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006921.D\VWD1A.CH Vial: 74
 Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006921.D\VWD1A.CH
 Acq On : 01-Nov-2014, 05:31 Operator: TP
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
 Quant Time: Nov 2 2:36 2014 Quant Results File: HN103114.RES

Instrument :
 HPLC_N
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

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 11/14/2014 10:33:49 AM

Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
 Title :
 Last Update : Sat Nov 01 07:07:53 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	1.29	1774980	488.269 ug/L
Target Compounds			
2) T HMX	0.86	2274991	521.756 ug/L
3) T RDX	1.67	2644765	517.022 ug/L
4) T 1,3,5-Trinitrobenzene	2.64	5307283	518.483 ug/L
5) T 1,3-Dinitrobenzene	3.49	8189315	518.240 ng/ml
6) T 3,5-Dinitroaniline	3.85	5844178	521.146 ug/L
7) T Nitrobenzene	4.72	4879287	512.258 ug/L
8) T Tetryl	6.21	2422768	491.821 ug/L
9) T 2,4,6-Trinitrotoluene	6.48	5373627	529.937 ug/L
10) T 2-Amino-4,6-dinitrotoluene	6.99	5527811	493.896 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.33	3223456	568.053 ug/L
12) T 2,4-Dinitrotoluene	8.10	7605574	512.847 ug/L
13) T 2,6-Dinitrotoluene	8.50	4220215	526.381 ug/L
14) T 2-Nitrotoluene	11.77	3164898	500.069 ug/L m
15) T 4-Nitrotoluene	12.50	2551440	501.583 ug/L m
16) T 3-Nitrotoluene	13.80	3404546	503.164 ug/L
17) T PETN	18.88	4625179	551.314 ug/L

 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.

HN006921.D HN103114.M Sat Nov 08 04:42:05 2014

Signal #1 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006921.D\VWD1A.CH Vial: 74
Signal #2 : Z:\HPCHEM1\HPLC_N\DATA\HN103114\HN006921.D\VWD1A.CH
Acq On : 01-Nov-2014, 05:31 Operator: TP
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e
Quant Time: Nov 2 2:36 2014 Quant Results File: HN103114.RES

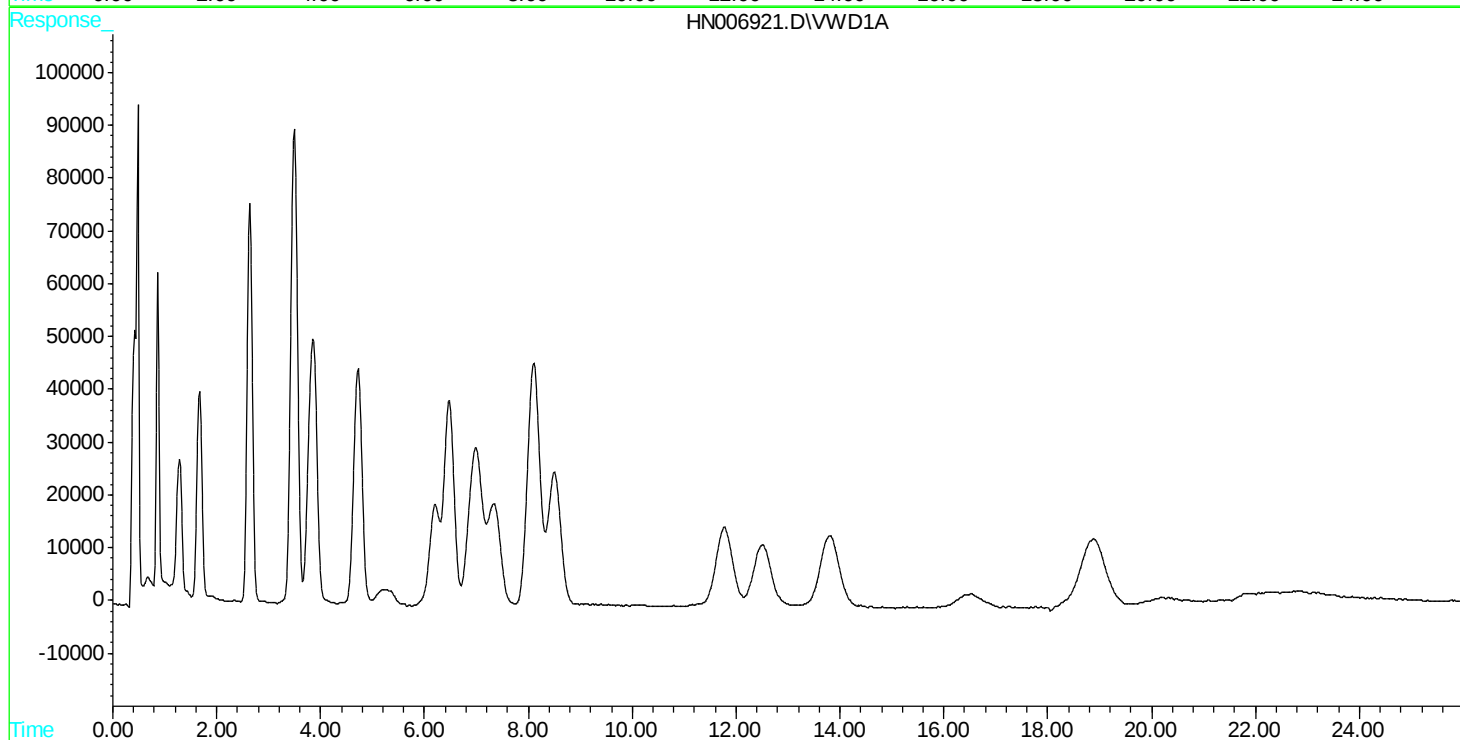
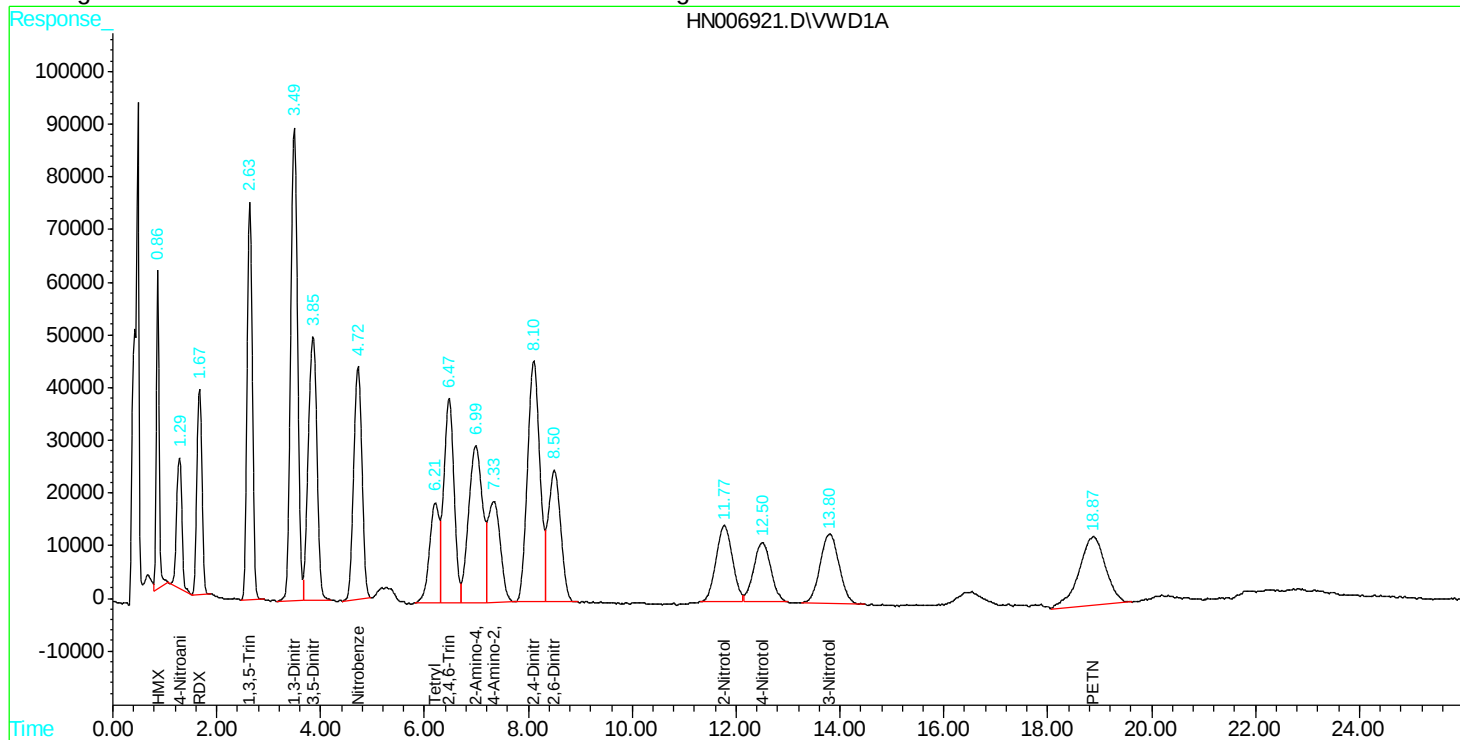
Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

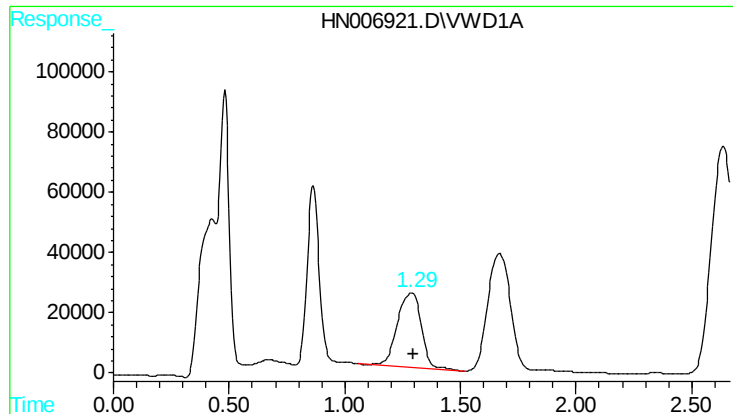
Manual Integrations
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Quant Method : Z:\HPCHEM1\HPLC_N\METHODS\HN103114.M
Title :
Last Update : Sat Nov 01 07:07:53 2014
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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 :





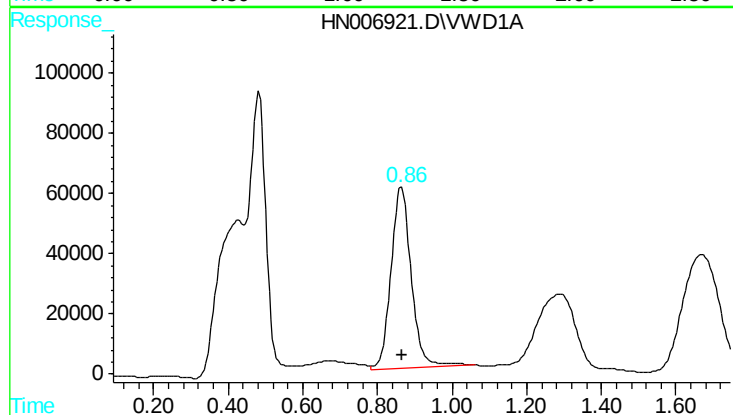
#1 4-Nitroaniline

R.T.: 1.289 min
Delta R.T.: -0.007 min
Response: 1774980
Conc: 488.27 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

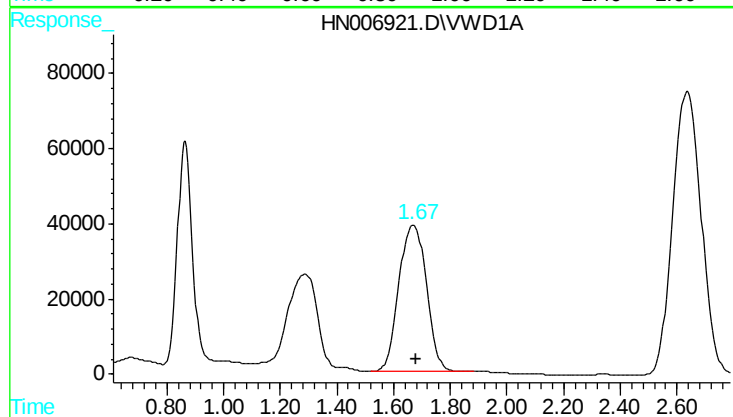
Manual Integrations
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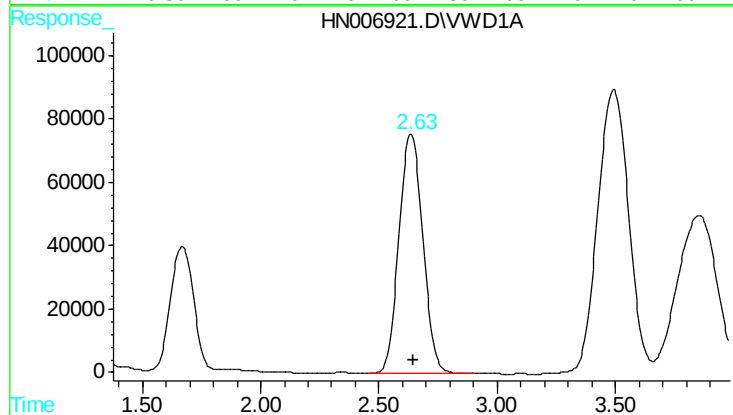
#2 HMX

R.T.: 0.864 min
Delta R.T.: -0.002 min
Response: 2274991
Conc: 521.76 ug/L



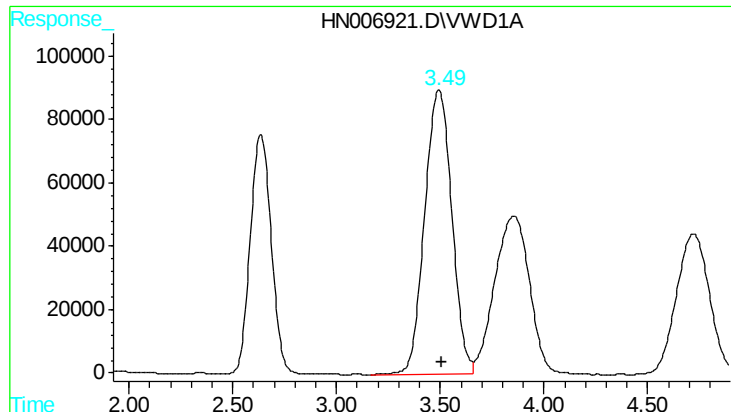
#3 RDX

R.T.: 1.670 min
Delta R.T.: -0.008 min
Response: 2644765
Conc: 517.02 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.636 min
Delta R.T.: -0.011 min
Response: 5307283
Conc: 518.48 ug/L



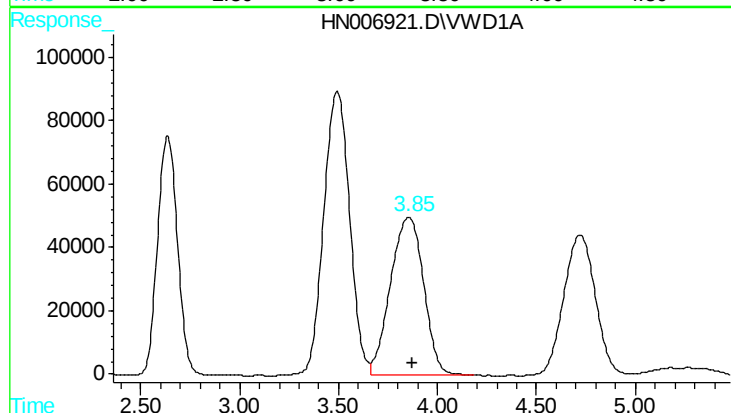
#5 1,3-Dinitrobenzene

R.T.: 3.494 min
Delta R.T.: -0.012 min
Response: 8189315
Conc: 518.24 ng/ml

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

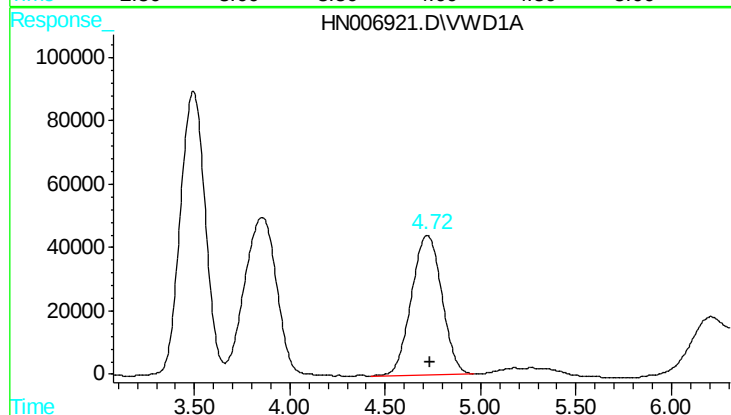
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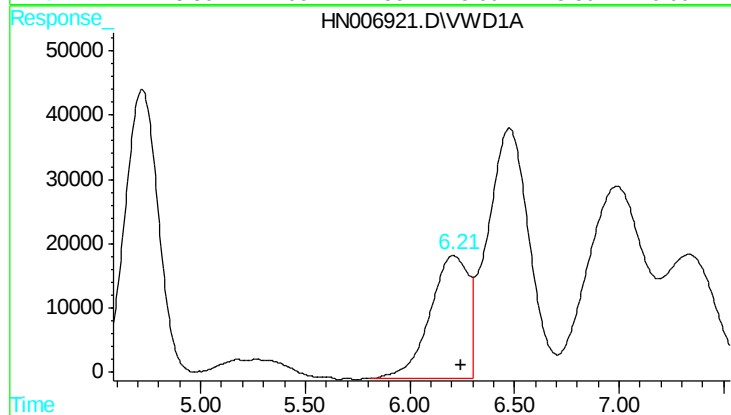
#6 3,5-Dinitroaniline

R.T.: 3.855 min
Delta R.T.: -0.019 min
Response: 5844178
Conc: 521.15 ug/L



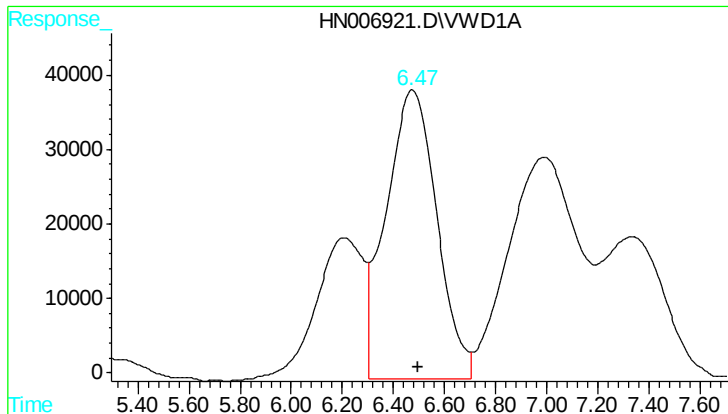
#7 Nitrobenzene

R.T.: 4.720 min
Delta R.T.: -0.017 min
Response: 4879287
Conc: 512.26 ug/L



#8 Tetryl

R.T.: 6.208 min
Delta R.T.: -0.036 min
Response: 2422768
Conc: 491.82 ug/L



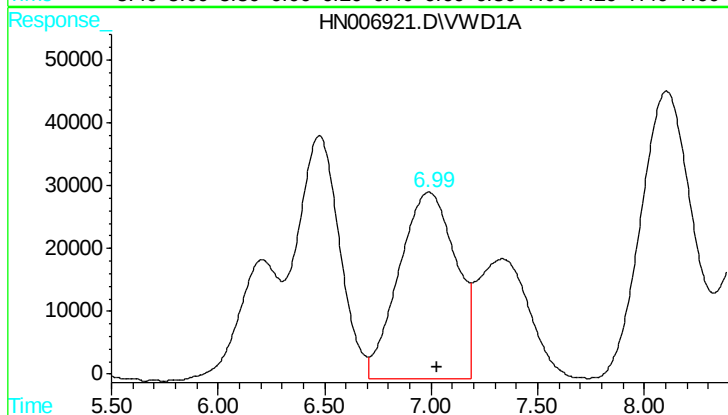
#9 2,4,6-Trinitrotoluene

R.T.: 6.475 min
Delta R.T.: -0.020 min
Response: 5373627
Conc: 529.94 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

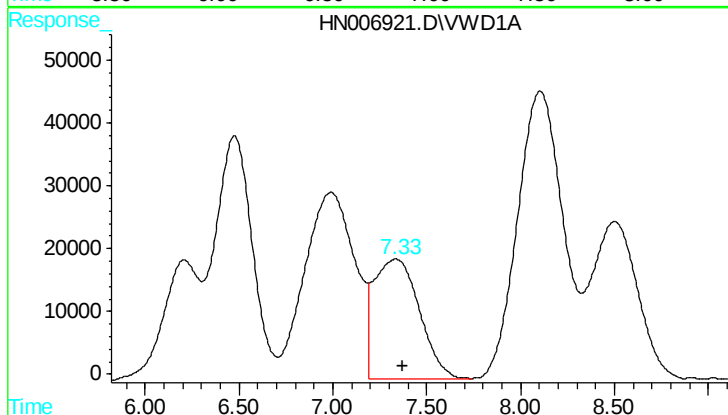
Manual Integrations
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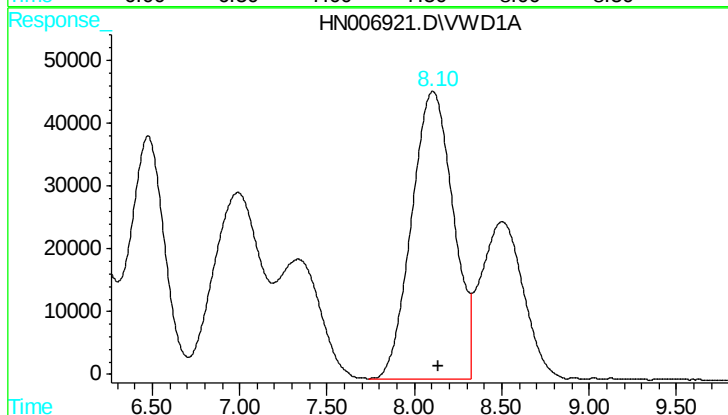
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.990 min
Delta R.T.: -0.037 min
Response: 5527811
Conc: 493.90 ug/L



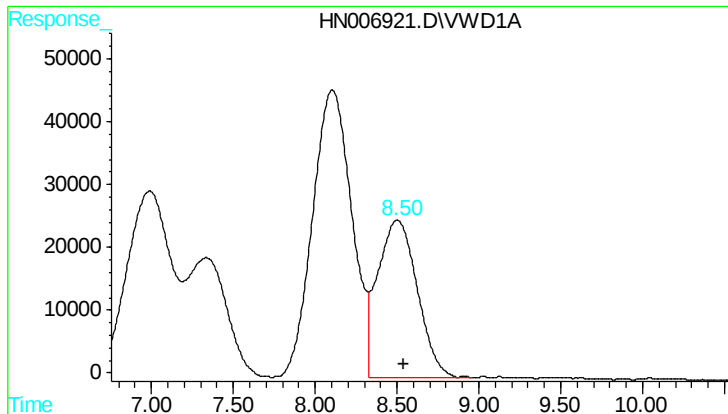
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.334 min
Delta R.T.: -0.035 min
Response: 3223456
Conc: 568.05 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.105 min
Delta R.T.: -0.035 min
Response: 7605574
Conc: 512.85 ug/L



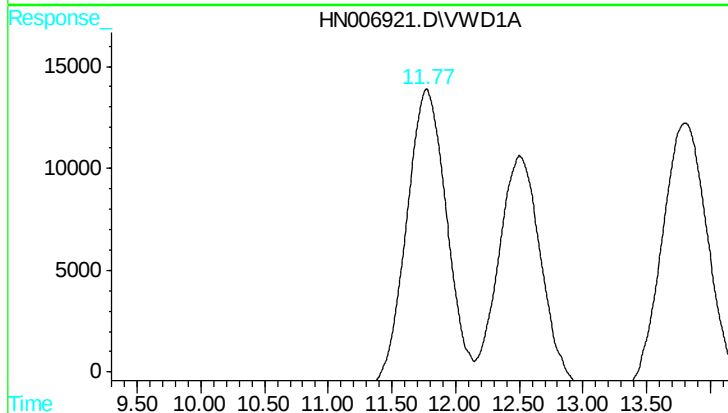
#13 2,6-Dinitrotoluene

R.T.: 8.502 min
Delta R.T.: -0.039 min
Response: 4220215
Conc: 526.38 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

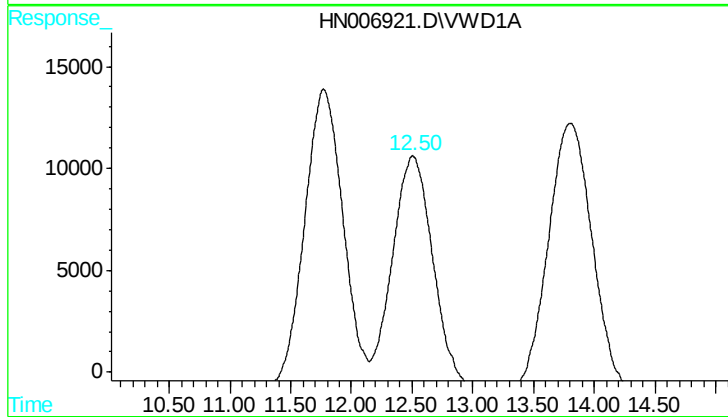
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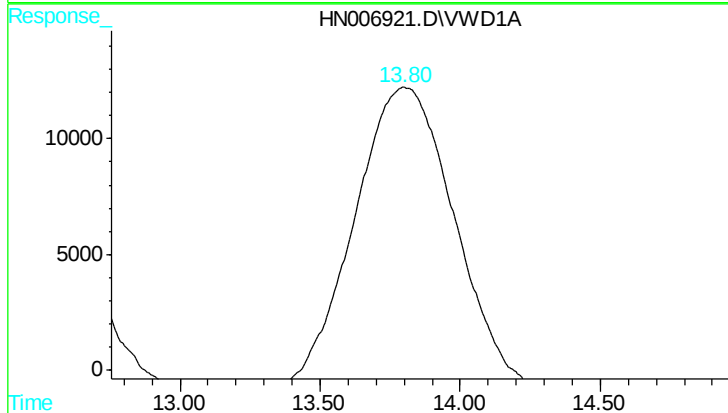
#14 2-Nitrotoluene

R.T.: 11.769 min
Delta R.T.: -0.026 min
Response: 3164898
Conc: 500.07 ug/L m



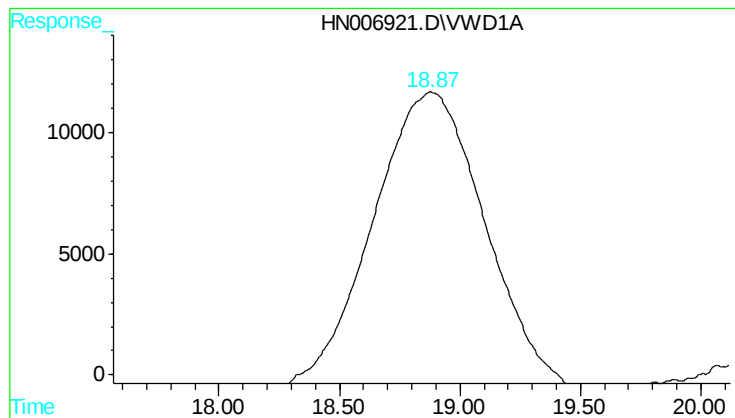
#15 4-Nitrotoluene

R.T.: 12.501 min
Delta R.T.: -0.022 min
Response: 2551440
Conc: 501.58 ug/L m



#16 3-Nitrotoluene

R.T.: 13.802 min
Delta R.T.: -0.025 min
Response: 3404546
Conc: 503.16 ug/L



#17 PETN

R.T.: 18.881 min
Delta R.T.: -0.034 min
Response: 4625179
Conc: 551.31 ug/L

Instrument :
HPLC_N
LabSampleId :
HSTDCCC0500

Manual Integrations
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