

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN052913\
 Data File : HN005326.D
 Signal(s) : VWD1A.CH
 Acq On : 29-May-2013, 15:13
 Operator : QM
 Sample : LOD-S-50PPB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 LOD-S-50PPB

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jun 03 07:24:27 2013
 Quant Method : Z:\HPCHEM1\HPLC_N\METHOD\HN052213.M
 Quant Title :
 QLast Update : Fri May 24 05:23:33 2013
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 50 ul
 Signal Phase : ZORBAX Extend-C18
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.350	732981	172.456 ug/L
Target Compounds			
2) T HMX	0.912	223247	52.475 ug/L
3) T RDX	1.775	307544	59.793 ug/L
4) T 1,3,5-Trinitrobenzene	2.756	630740	57.518 ug/L m
5) T 1,3-Dinitrobenzene	3.663	892358	68.522 ng/mlm
6) T 3,5-Dinitroaniline	4.092	731854	47.011 ug/L m
7) T Nitrobenzene	4.860f	515169	55.348 ug/L m
8) T Tetryl	6.490f	326173	54.306 ug/L m
9) T 2,4,6-Trinitrotoluene	6.677f	656496	56.158 ug/L m
10) T 2-Amino-4,6-dinitroto...	7.346f	602320	56.411 ug/L m
11) T 4-Amino-2,6-dinitroto...	7.697f	376087	61.588 ug/L m
12) T 2,4-Dinitrotoluene	8.366f	805913	55.405 ug/L m
13) T 2,6-Dinitrotoluene	8.780f	433379	52.530 ug/L m
14) T 2-Nitrotoluene	11.972f	332229	53.269 ug/L m
15) T 4-Nitrotoluene	12.735f	244256	46.566 ug/L m
16) T 3-Nitrotoluene	14.038f	396844	59.750 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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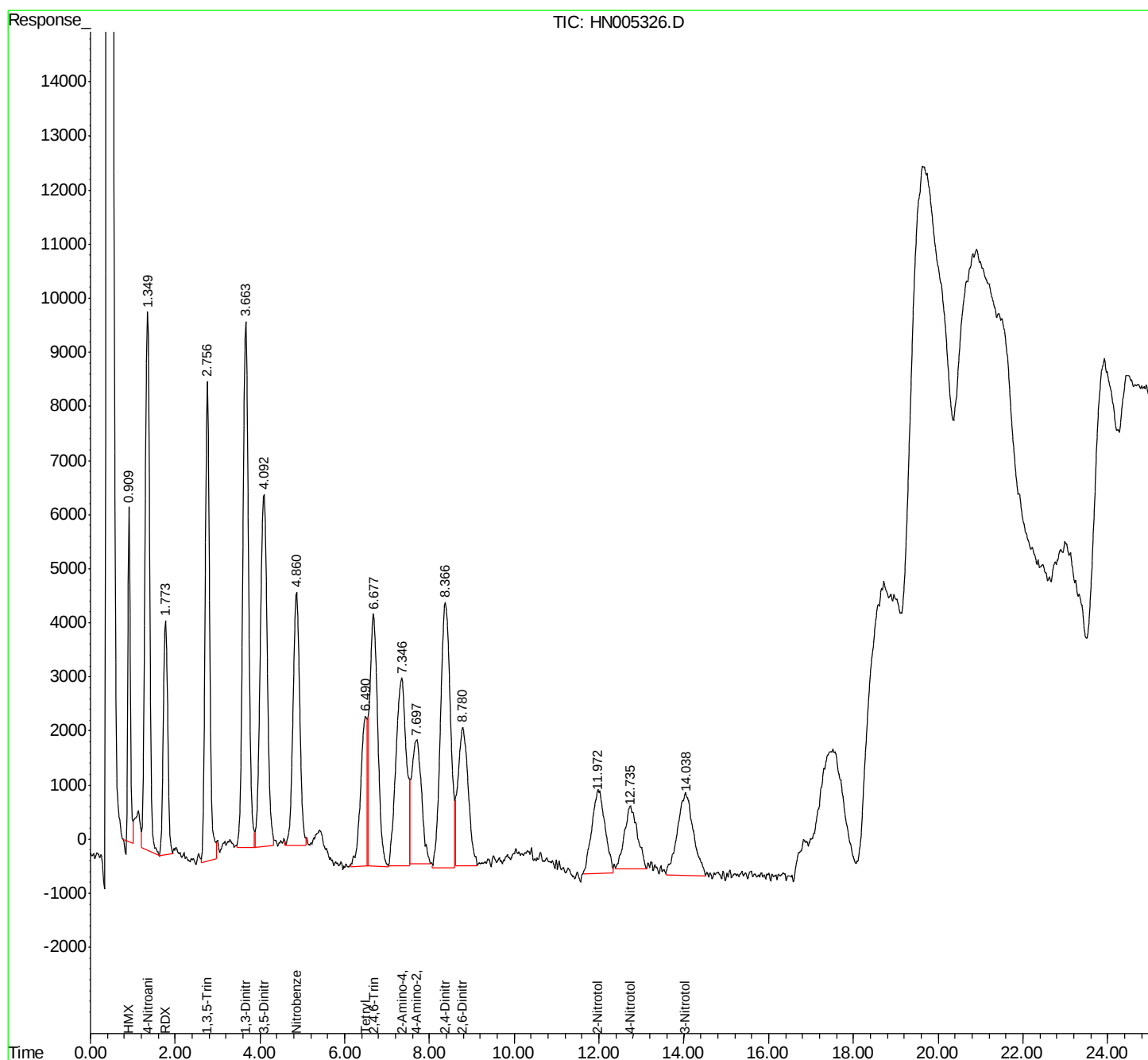
Instrument :
HPLC_N
ClientSampled :
LOD-S-50PPB

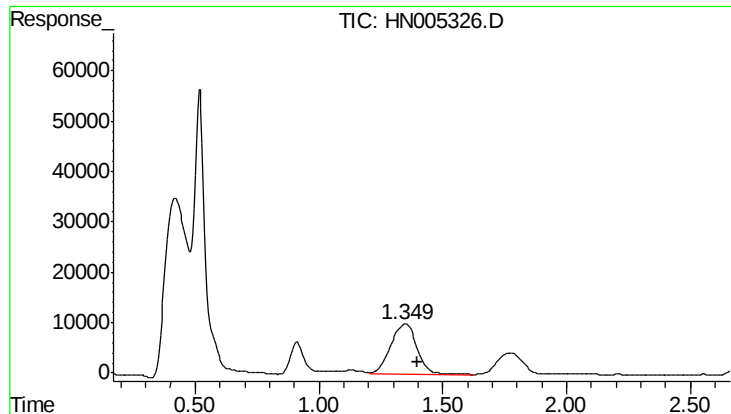
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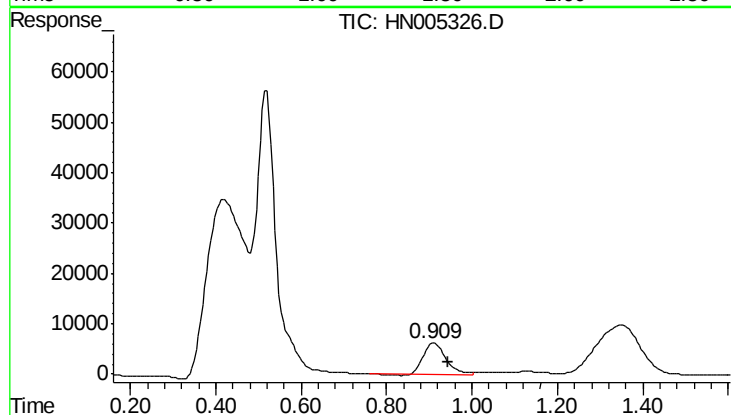
#1 4-Nitroaniline

R.T.: 1.350 min
 Delta R.T.: -0.048 min
 Response: 732981
 Conc: 172.46 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 LOD-S-50PPB

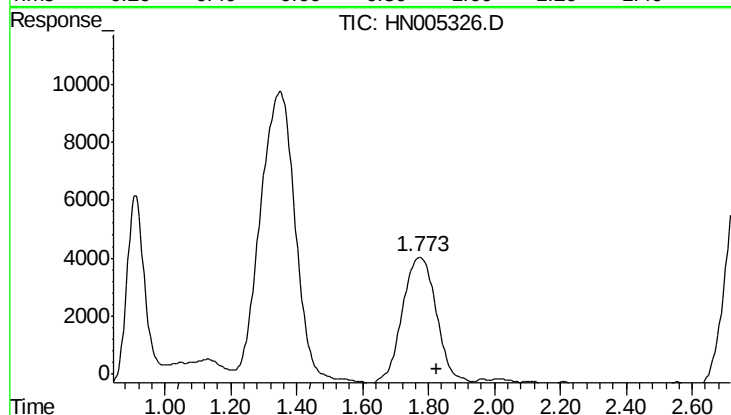
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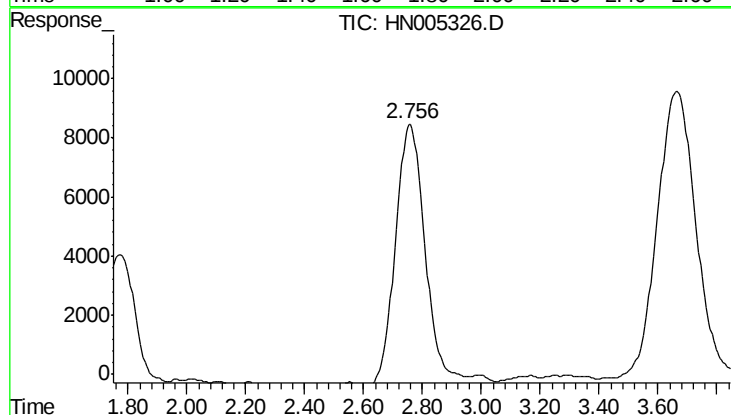
#2 HMX

R.T.: 0.912 min
 Delta R.T.: -0.034 min
 Response: 223247
 Conc: 52.48 ug/L



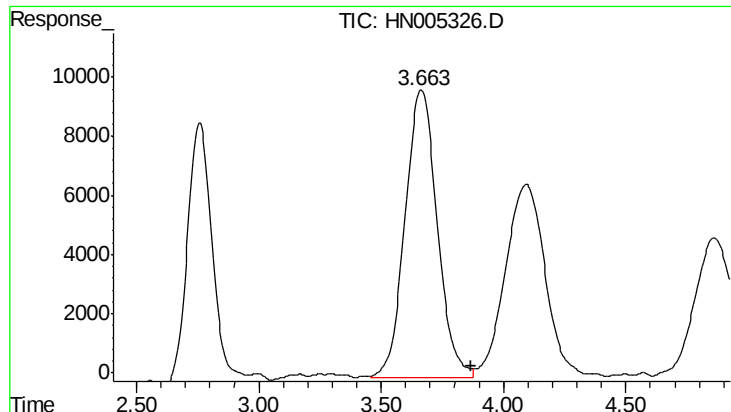
#3 RDX

R.T.: 1.775 min
 Delta R.T.: -0.050 min
 Response: 307544
 Conc: 59.79 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.756 min
 Delta R.T.: -0.121 min
 Response: 630740
 Conc: 57.52 ug/L m



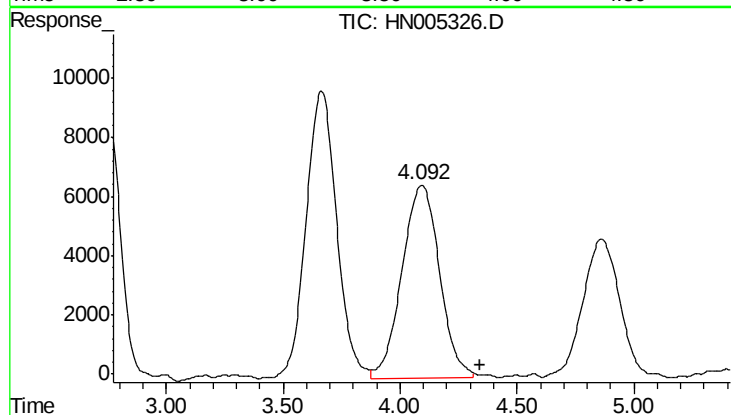
#5 1,3-Dinitrobenzene

R.T.: 3.663 min
 Delta R.T.: -0.203 min
 Response: 892358
 Conc: 68.52 ng/ml

Instrument :
 HPLC_N
 ClientSampleId :
 LOD-S-50PPB

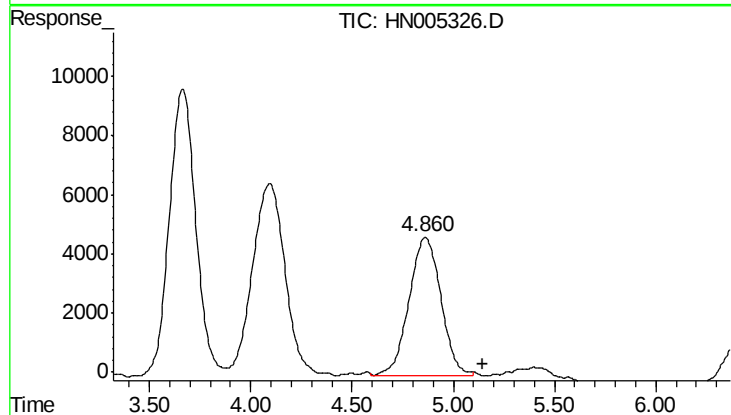
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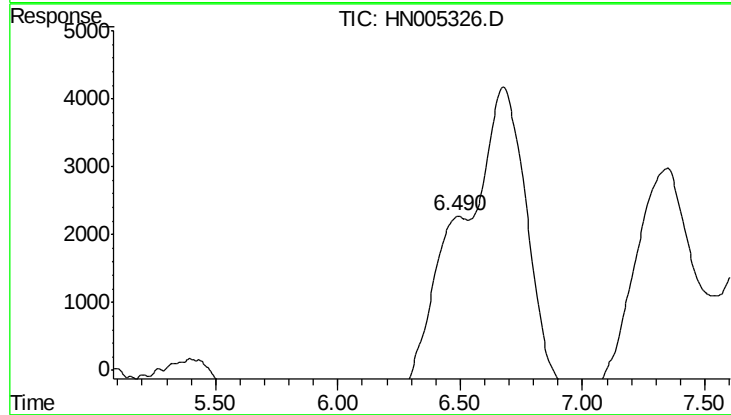
#6 3,5-Dinitroaniline

R.T.: 4.092 min
 Delta R.T.: -0.248 min
 Response: 731854
 Conc: 47.01 ug/L m



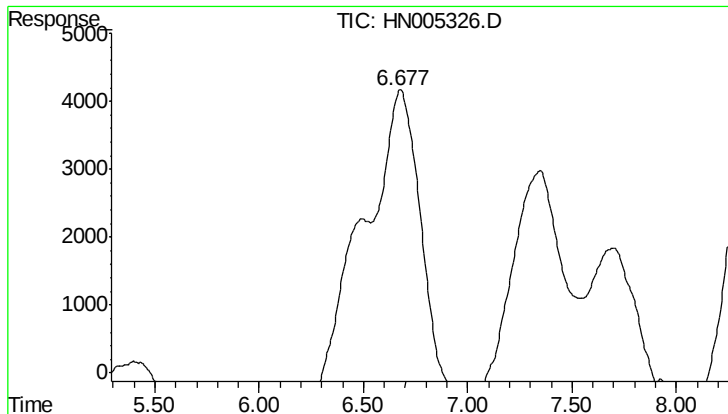
#7 Nitrobenzene

R.T.: 4.860 min
 Delta R.T.: -0.285 min
 Response: 515169
 Conc: 55.35 ug/L m



#8 Tetryl

R.T.: 6.490 min
 Delta R.T.: -0.421 min
 Response: 326173
 Conc: 54.31 ug/L m



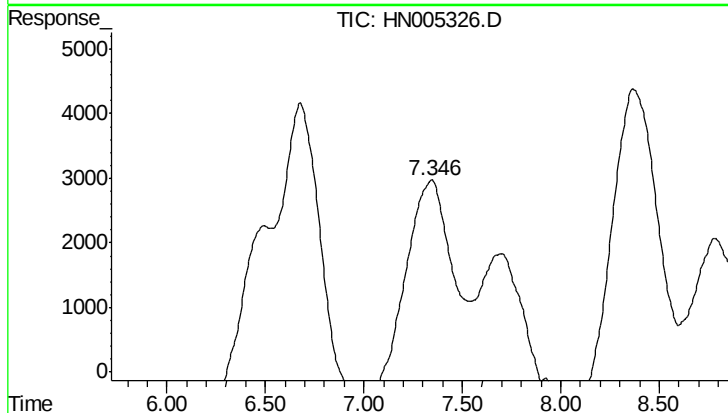
#9 2,4,6-Trinitrotoluene

R.T.: 6.677 min
Delta R.T.: -0.372 min
Response: 656496
Conc: 56.16 ug/L m

Instrument :
HPLC_N
ClientSampleId :
LOD-S-50PPB

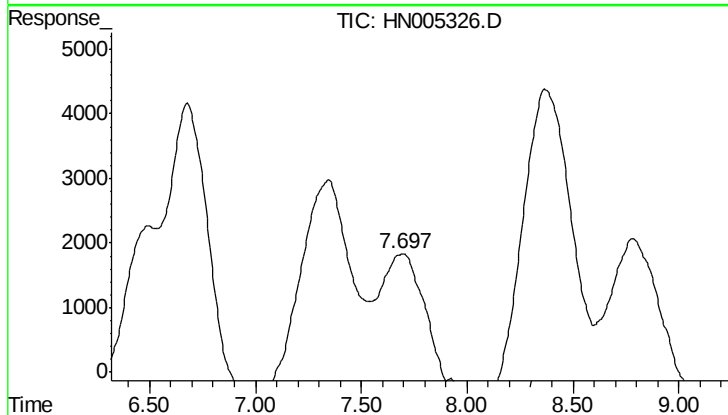
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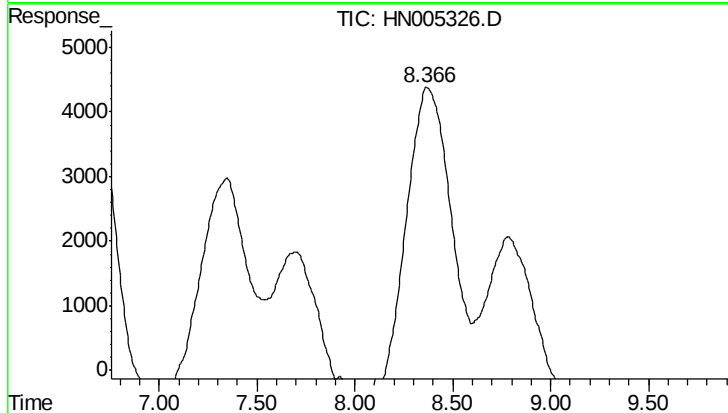
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.346 min
Delta R.T.: -0.405 min
Response: 602320
Conc: 56.41 ug/L m



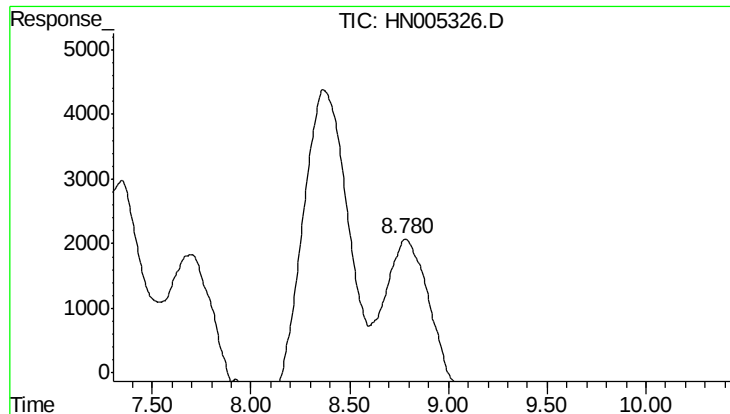
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.697 min
Delta R.T.: -0.412 min
Response: 376087
Conc: 61.59 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.366 min
Delta R.T.: -0.425 min
Response: 805913
Conc: 55.40 ug/L m



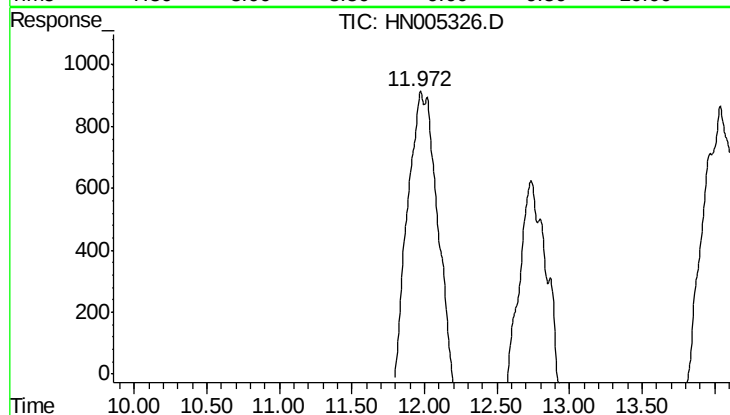
#13 2,6-Dinitrotoluene

R.T.: 8.780 min
 Delta R.T.: -0.443 min
 Response: 433379
 Conc: 52.53 ug/L m

Instrument :
 HPLC_N
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 LOD-S-50PPB

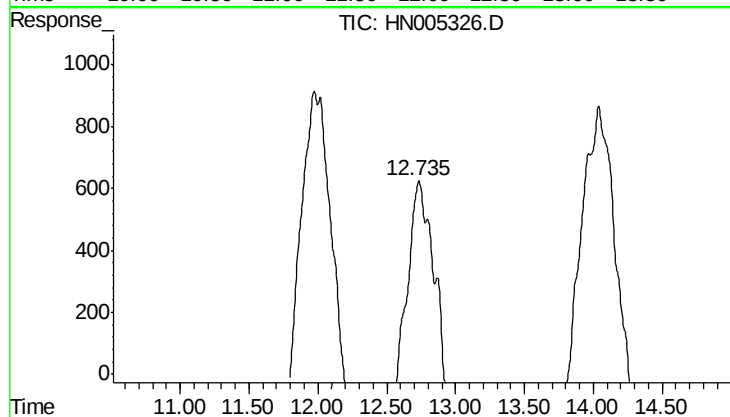
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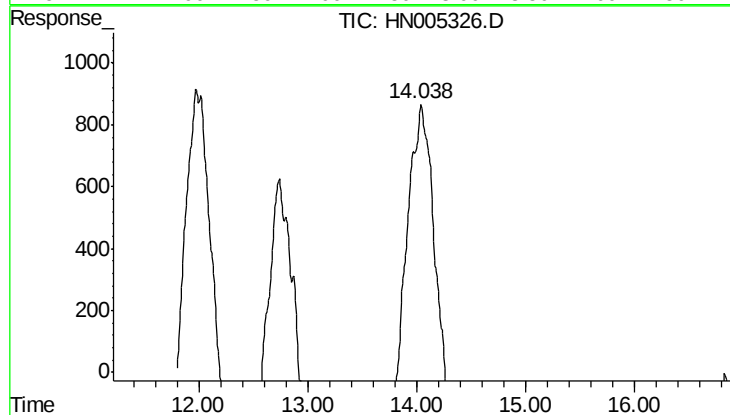
#14 2-Nitrotoluene

R.T.: 11.972 min
 Delta R.T.: -0.566 min
 Response: 332229
 Conc: 53.27 ug/L m



#15 4-Nitrotoluene

R.T.: 12.735 min
 Delta R.T.: -0.600 min
 Response: 244256
 Conc: 46.57 ug/L m



#16 3-Nitrotoluene

R.T.: 14.038 min
 Delta R.T.: -0.636 min
 Response: 396844
 Conc: 59.75 ug/L m