

Data Path : Z:\HPCHEM1\HPLC_N\Data\HN052913\
 Data File : HN005331.D
 Signal(s) : VWD1A.CH
 Acq On : 29-May-2013, 17:28
 Operator : QM
 Sample : LOD-W-50PPB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 HPLC_N
 ClientSampleId :
 LOD-W-50PPB

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jun 03 07:30:03 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	1.379	1330545	313.051 ug/L
Target Compounds			
2) T HMX	0.935	231891	54.507 ug/L
3) T RDX	1.780	305961	59.485 ug/L
4) T 1,3,5-Trinitrobenzene	2.773	651259	59.389 ug/L
5) T 1,3-Dinitrobenzene	3.685	938448	72.061 ng/mL
6) T 3,5-Dinitroaniline	4.111	761462	48.913 ug/L
7) T Nitrobenzene	4.900	541677	58.196 ug/L m
8) T Tetryl	6.516	261410	43.523 ug/L m
9) T 2,4,6-Trinitrotoluene	6.716	689406	58.973 ug/L
10) T 2-Amino-4,6-dinitroto...	7.357	582925	54.595 ug/L
11) T 4-Amino-2,6-dinitroto...	7.709	382882	62.700 ug/L
12) T 2,4-Dinitrotoluene	8.414	820878	56.433 ug/L
13) T 2,6-Dinitrotoluene	8.820	482468	58.480 ug/L
14) T 2-Nitrotoluene	12.043	351054	56.287 ug/L m
15) T 4-Nitrotoluene	12.875	229408	43.735 ug/L m
16) T 3-Nitrotoluene	14.167	322965	48.627 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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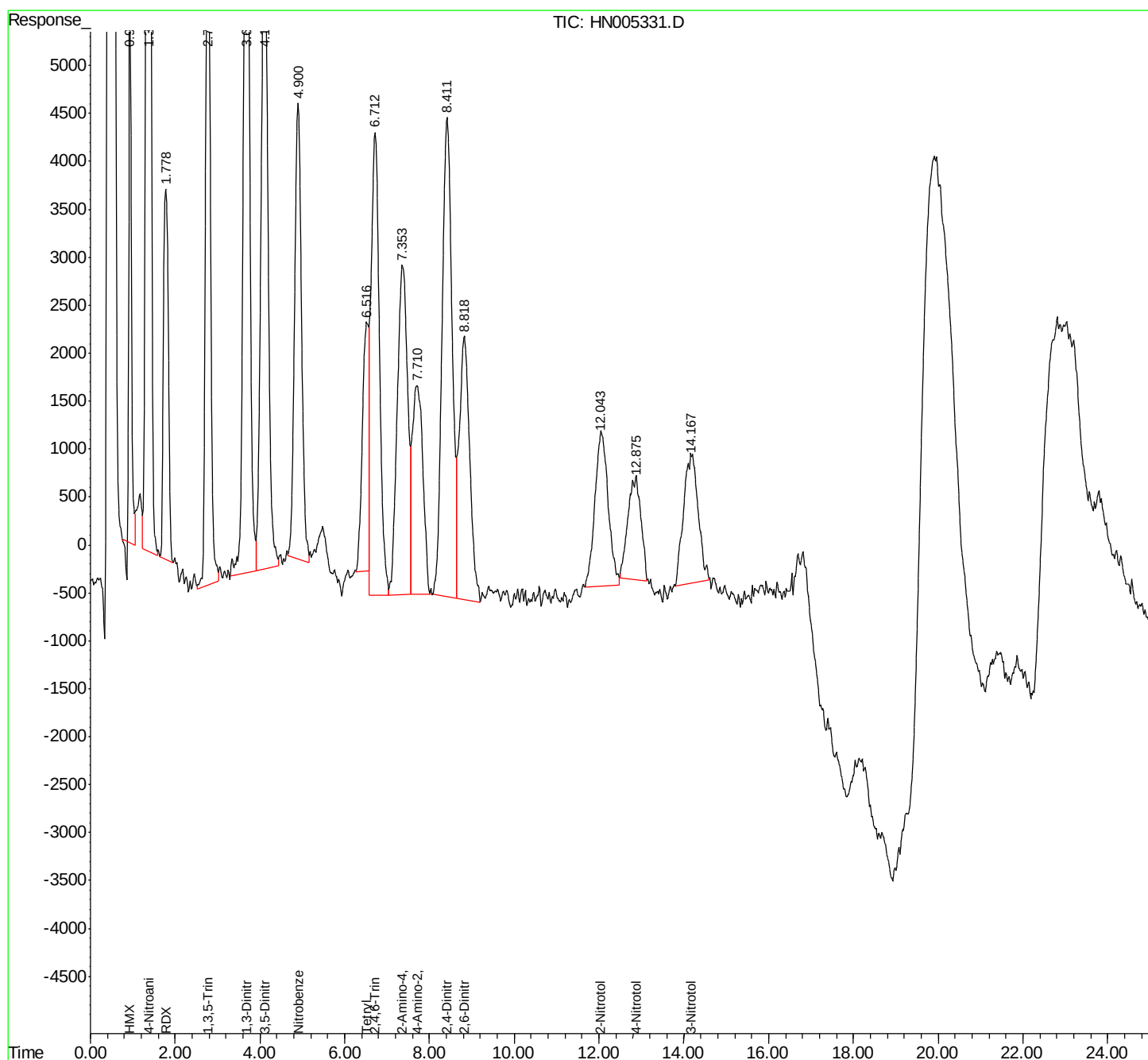
Instrument :
HPLC_N
ClientSampled :
LOD-W-50PPB

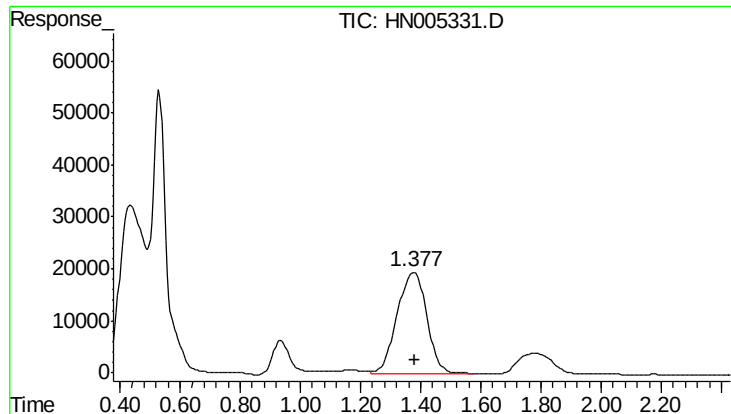
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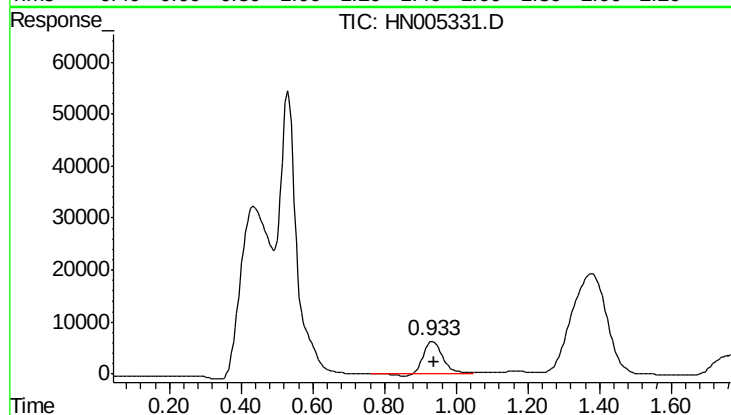
#1 4-Nitroaniline

R.T.: 1.379 min
 Delta R.T.: -0.004 min
 Response: 1330545
 Conc: 313.05 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 LOD-W-50PPB

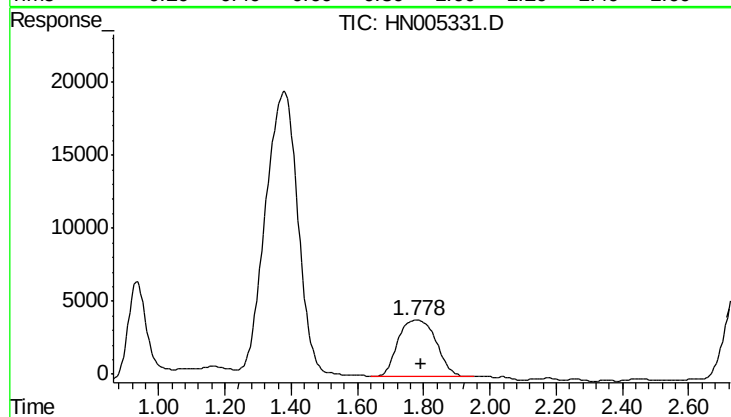
Manual Integrations
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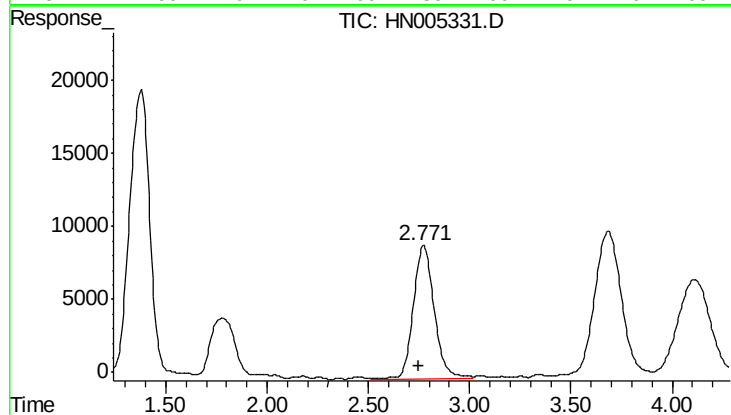
#2 HMX

R.T.: 0.935 min
 Delta R.T.: -0.004 min
 Response: 231891
 Conc: 54.51 ug/L



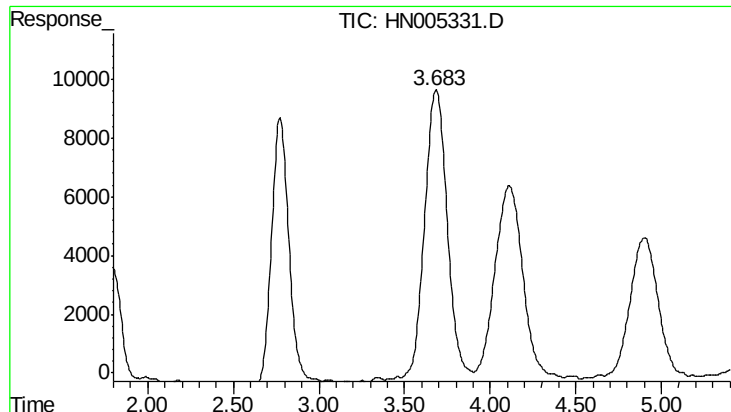
#3 RDX

R.T.: 1.780 min
 Delta R.T.: -0.011 min
 Response: 305961
 Conc: 59.49 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.773 min
 Delta R.T.: 0.024 min
 Response: 651259
 Conc: 59.39 ug/L



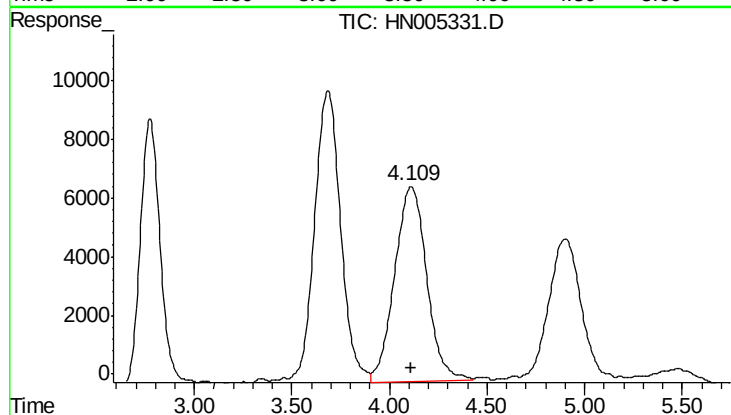
#5 1,3-Dinitrobenzene

R.T.: 3.685 min
Delta R.T.: 0.013 min
Response: 938448
Conc: 72.06 ng/ml

Instrument :
HPLC_N
ClientSampleId :
LOD-W-50PPB

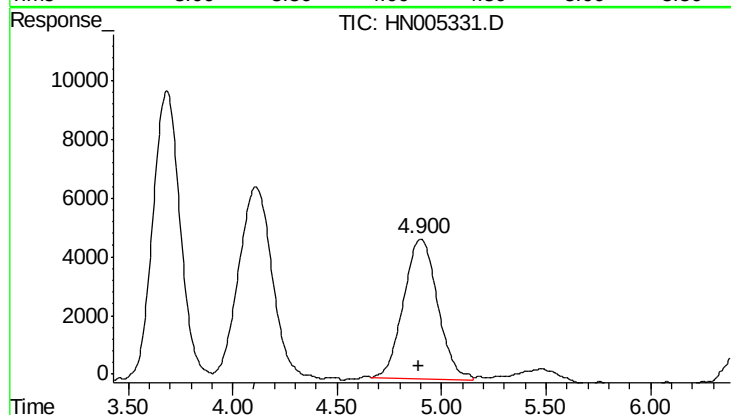
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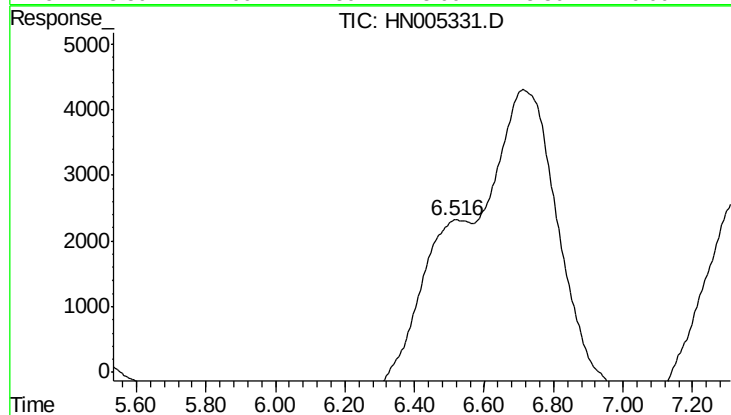
#6 3,5-Dinitroaniline

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 761462
Conc: 48.91 ug/L



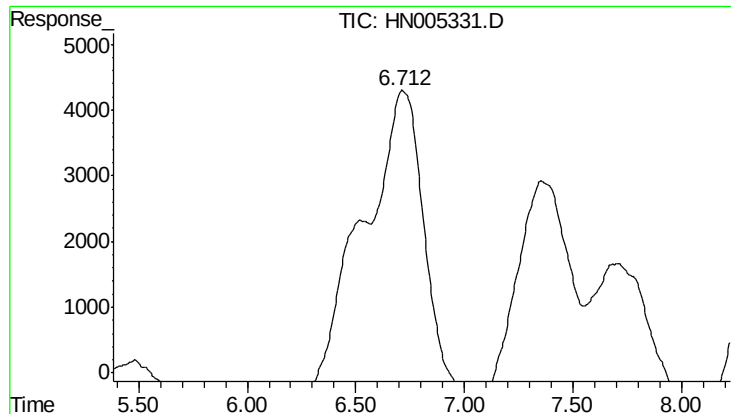
#7 Nitrobenzene

R.T.: 4.900 min
Delta R.T.: 0.009 min
Response: 541677
Conc: 58.20 ug/L m



#8 Tetryl

R.T.: 6.516 min
Delta R.T.: -0.090 min
Response: 261410
Conc: 43.52 ug/L m



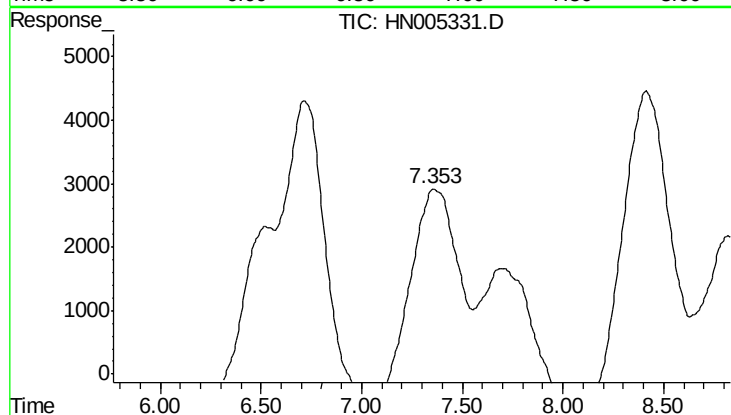
#9 2,4,6-Trinitrotoluene

R.T.: 6.716 min
Delta R.T.: -0.028 min
Response: 689406
Conc: 58.97 ug/L

Instrument :
HPLC_N
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LOD-W-50PPB

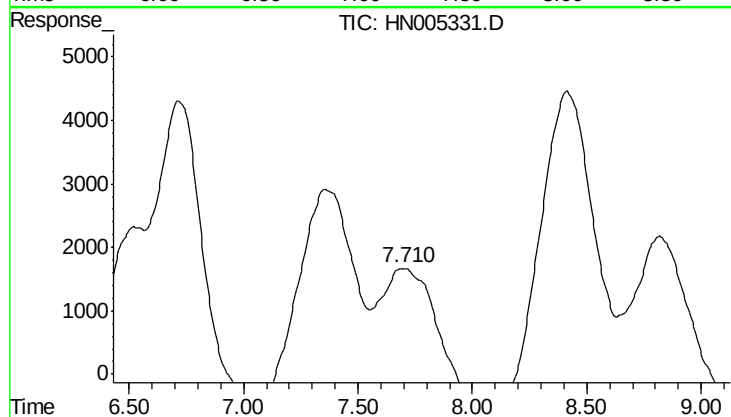
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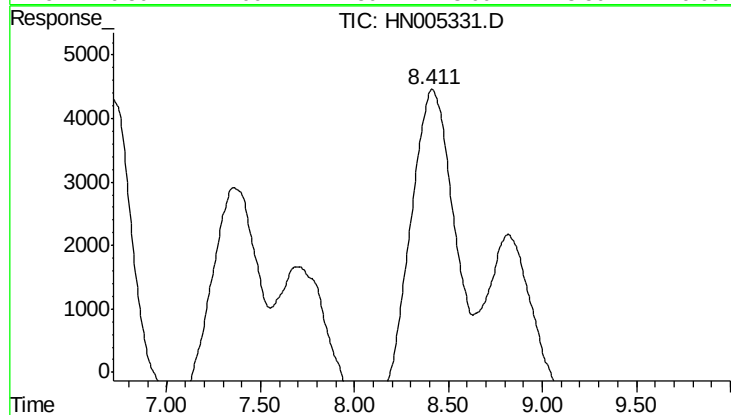
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.357 min
Delta R.T.: -0.046 min
Response: 582925
Conc: 54.59 ug/L



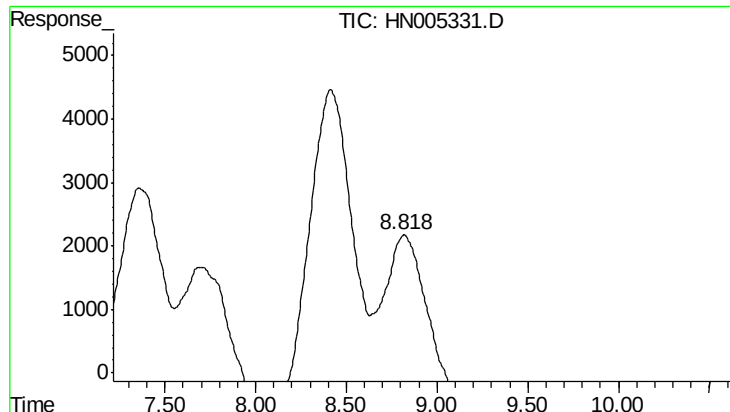
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.709 min
Delta R.T.: -0.048 min
Response: 382882
Conc: 62.70 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 820878
Conc: 56.43 ug/L



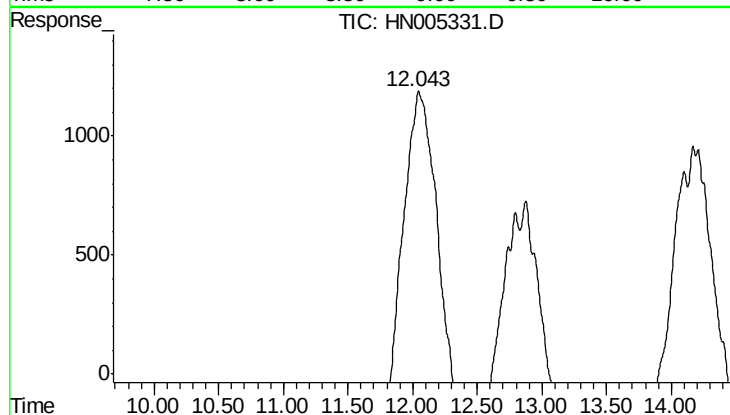
#13 2,6-Dinitrotoluene

R.T.: 8.820 min
 Delta R.T.: -0.019 min
 Response: 482468
 Conc: 58.48 ug/L

Instrument :
 HPLC_N
 ClientSampleId :
 LOD-W-50PPB

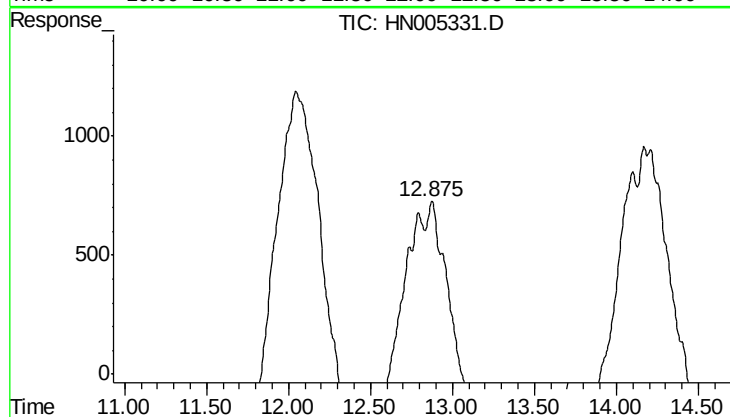
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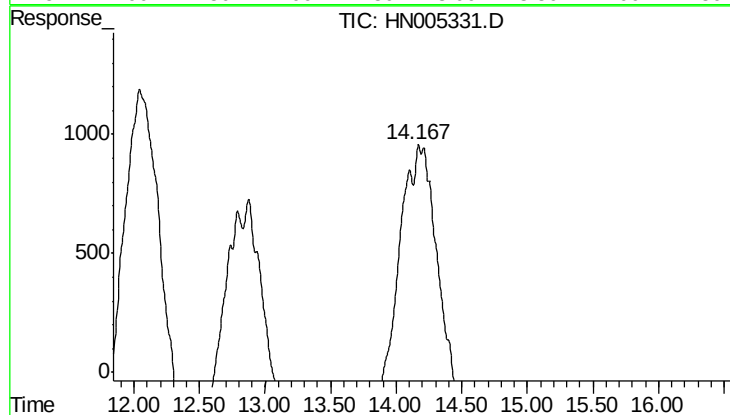
#14 2-Nitrotoluene

R.T.: 12.043 min
 Delta R.T.: 0.018 min
 Response: 351054
 Conc: 56.29 ug/L m



#15 4-Nitrotoluene

R.T.: 12.875 min
 Delta R.T.: 0.112 min
 Response: 229408
 Conc: 43.73 ug/L m



#16 3-Nitrotoluene

R.T.: 14.167 min
 Delta R.T.: 0.121 min
 Response: 322965
 Conc: 48.63 ug/L m