

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060413\
 Data File : HL005364.D
 Signal(s) : VWD1A.CH
 Acq On : 04-Jun-2013, 16:55
 Operator : QM
 Sample : HSTDICC0020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

AHPatel
 6/7/2013 3:59:52 AM

Integration File: autoint1.e
 Quant Time: Jun 07 03:06:00 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL060413.M
 Quant Title :
 QLast Update : Tue Jun 04 16:45:29 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	1.318	79070	18.995 ug/L
Target Compounds			
2) T HMX	0.881	108298	24.905 ug/L m
3) T RDX	1.719	85587	16.574 ug/L
4) T 1,3,5-Trinitrobenzene	2.683	283686	25.907 ug/L
5) T 1,3-Dinitrobenzene	3.596	311028	19.381 ng/mlm
6) T 3,5-Dinitroaniline	3.977	296850	21.874 ug/L m
7) T Nitrobenzene	4.845	188642	18.799 ug/L m
8) T Teteryl	6.384	193437	26.578 ug/L
9) T 2,4,6-Trinitrotoluene	6.625	250279	21.218 ug/L
10) T 2-Amino-4,6-dinitroto...	7.123	251063	21.384 ug/L
11) T 4-Amino-2,6-dinitroto...	7.462	144138	22.943 ug/L m
12) T 2,4-Dinitrotoluene	8.296	305459	19.365 ug/L
13) T 2,6-Dinitrotoluene	8.680	181642	21.527 ug/L
14) T 2-Nitrotoluene	11.963	133742	20.137 ug/L m
15) T 4-Nitrotoluene	12.763	109961	20.103 ug/L m
16) T 3-Nitrotoluene	14.115	162938	23.251 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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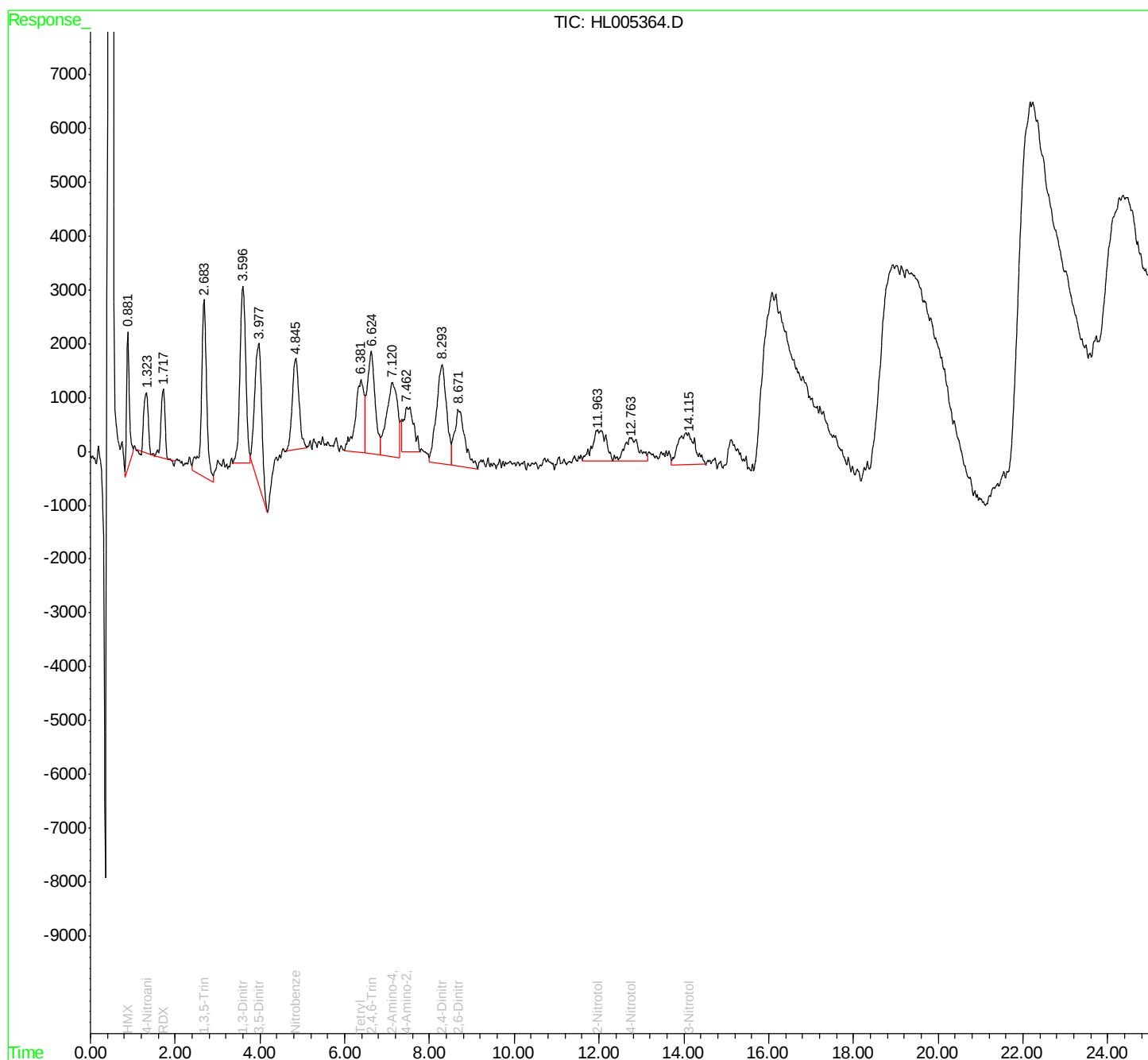
Instrument :
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HSTDICC0020

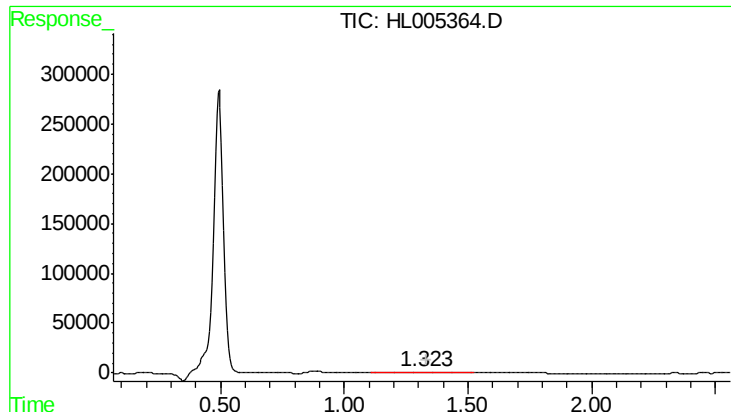
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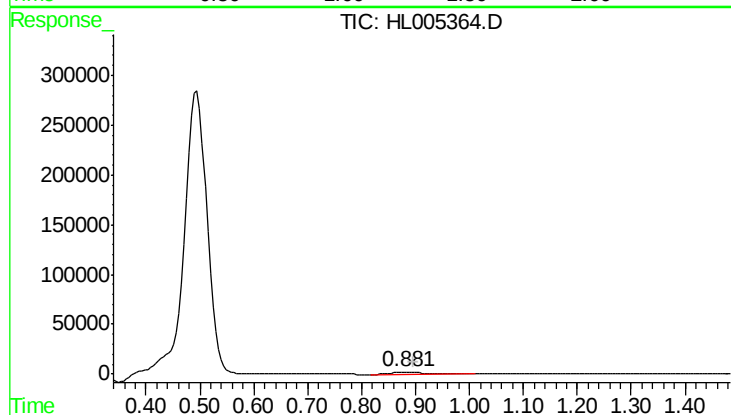
#1 4-Nitroaniline

R.T.: 1.318 min
Delta R.T.: -0.015 min
Response: 79070
Conc: 18.99 ug/L

Instrument :
HPLC_L
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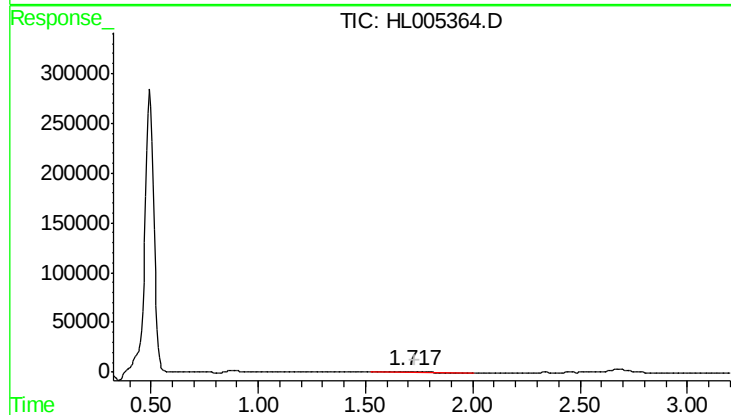
Manual Integrations
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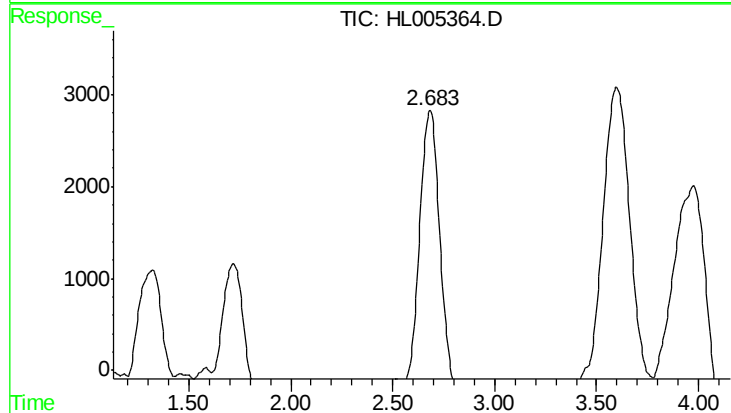
#2 HMX

R.T.: 0.881 min
Delta R.T.: -0.015 min
Response: 108298
Conc: 24.91 ug/L m



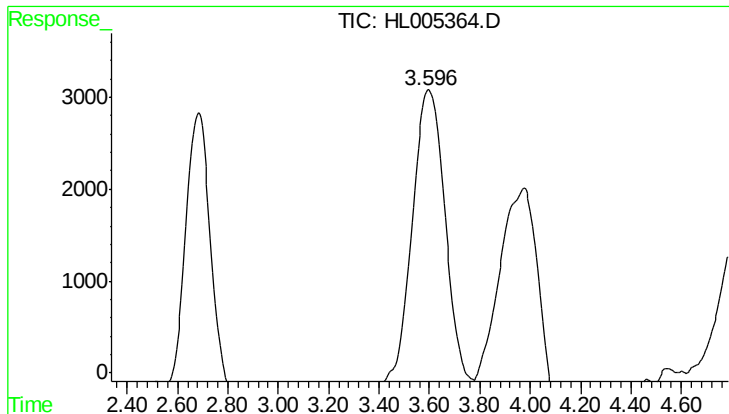
#3 RDX

R.T.: 1.719 min
Delta R.T.: -0.009 min
Response: 85587
Conc: 16.57 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.683 min
Delta R.T.: 0.013 min
Response: 283686
Conc: 25.91 ug/L



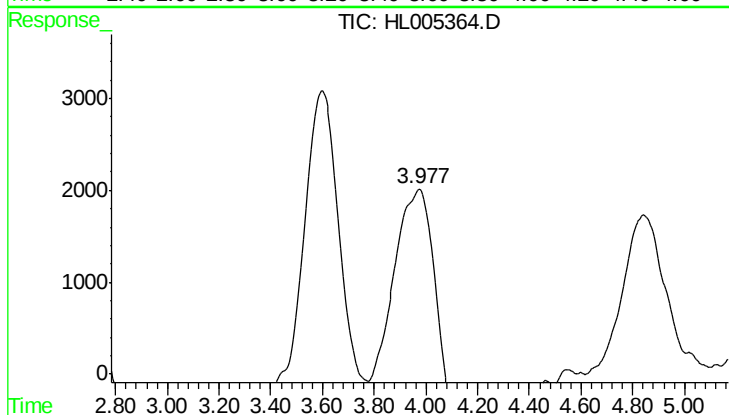
#5 1,3-Dinitrobenzene

R.T.: 3.596 min
Delta R.T.: 0.055 min
Response: 311028
Conc: 19.38 ng/ml

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HPLC_L
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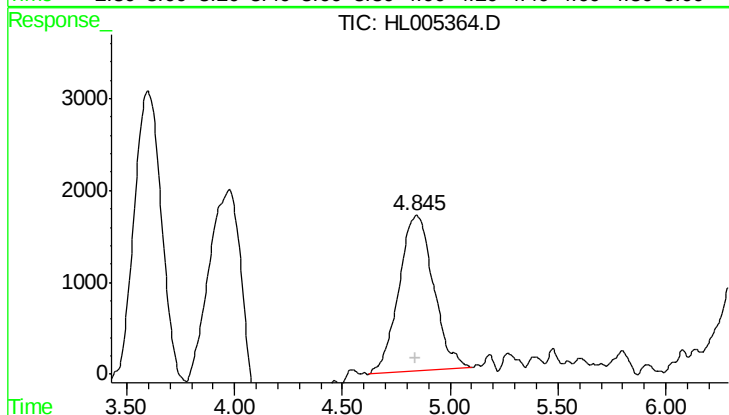
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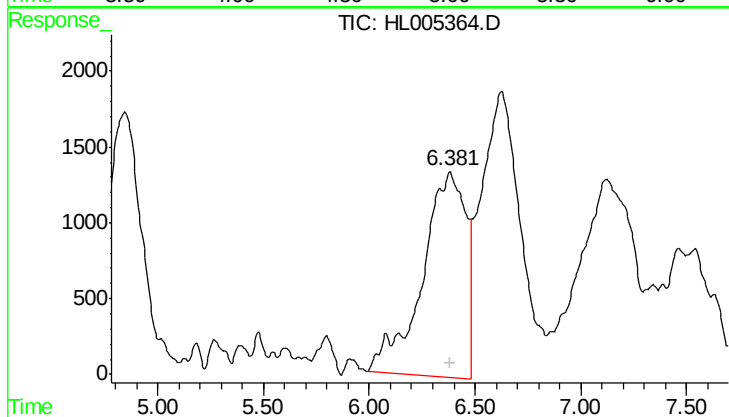
#6 3,5-Dinitroaniline

R.T.: 3.977 min
Delta R.T.: -0.003 min
Response: 296850
Conc: 21.87 ug/L m



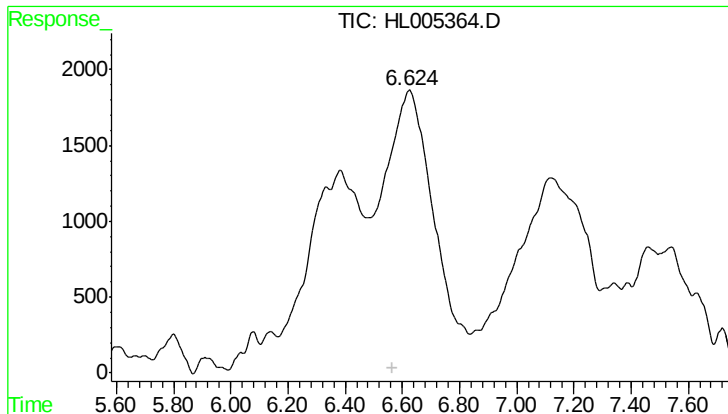
#7 Nitrobenzene

R.T.: 4.845 min
Delta R.T.: 0.005 min
Response: 188642
Conc: 18.80 ug/L m



#8 Tetryl

R.T.: 6.384 min
Delta R.T.: 0.004 min
Response: 193437
Conc: 26.58 ug/L



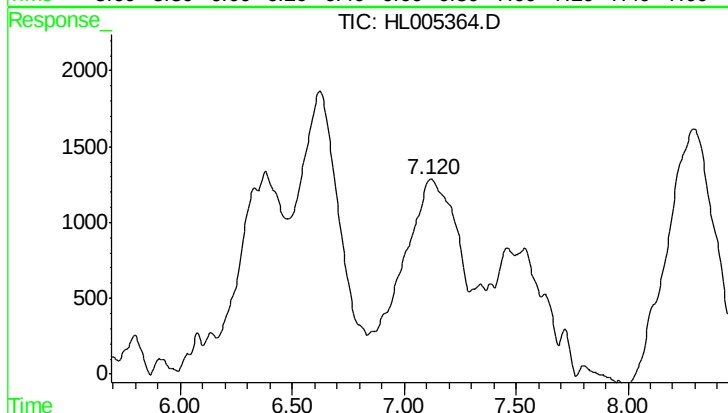
#9 2,4,6-Trinitrotoluene

R.T.: 6.625 min
Delta R.T.: 0.059 min
Response: 250279
Conc: 21.22 ug/L

Instrument :
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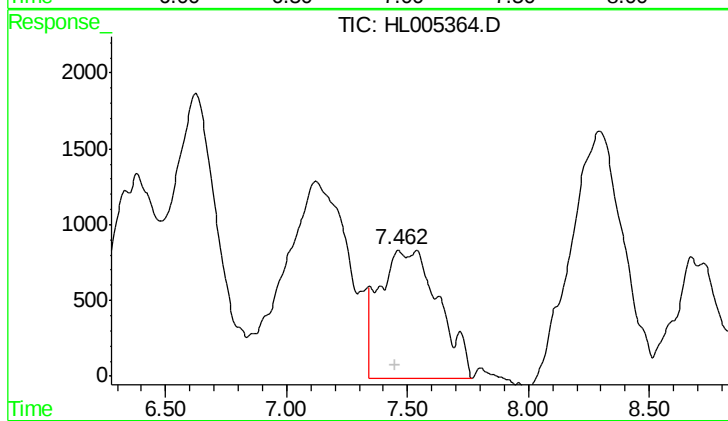
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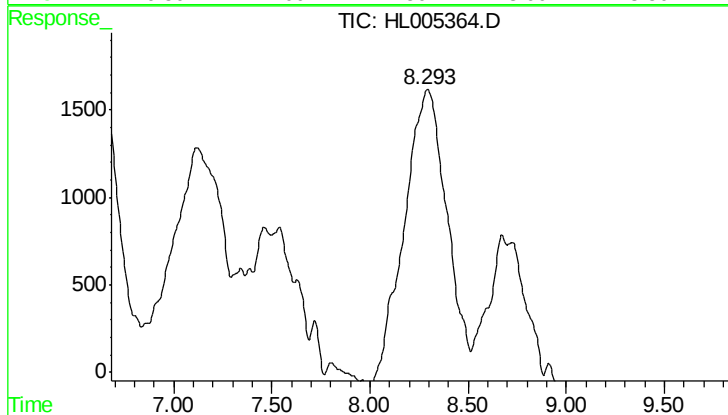
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.123 min
Delta R.T.: 0.002 min
Response: 251063
Conc: 21.38 ug/L



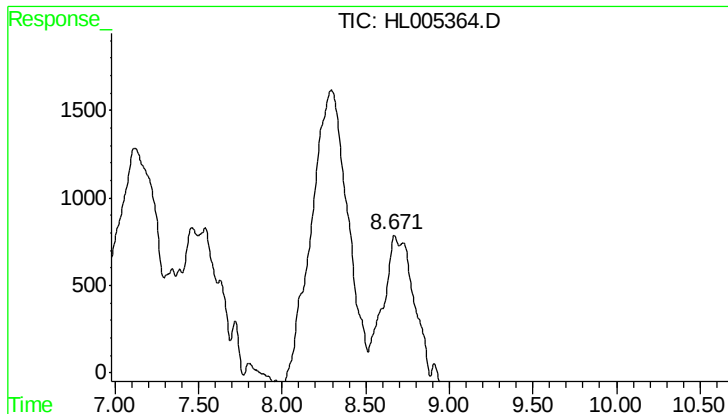
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.462 min
Delta R.T.: 0.012 min
Response: 144138
Conc: 22.94 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.296 min
Delta R.T.: 0.006 min
Response: 305459
Conc: 19.37 ug/L



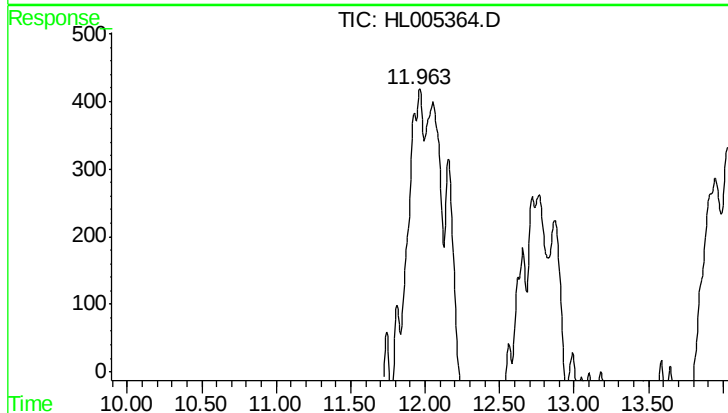
#13 2,6-Dinitrotoluene

R.T.: 8.680 min
Delta R.T.: 0.010 min
Response: 181642
Conc: 21.53 ug/L

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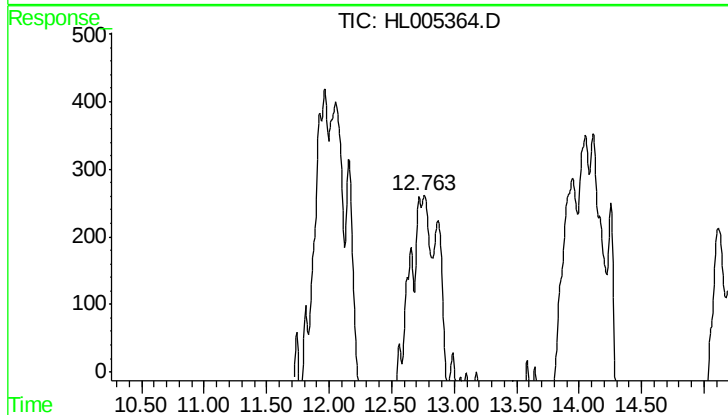
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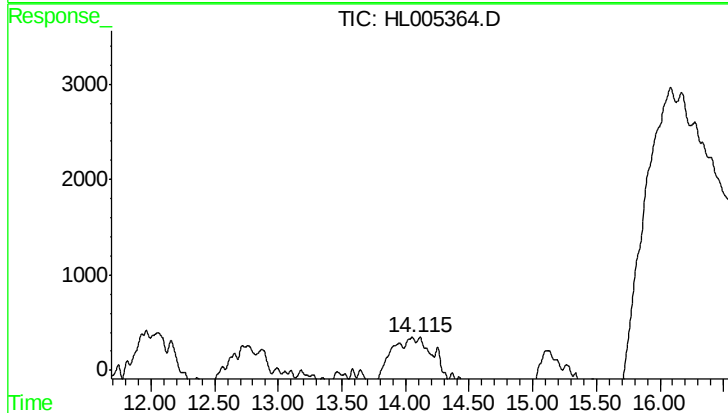
#14 2-Nitrotoluene

R.T.: 11.963 min
Delta R.T.: 0.003 min
Response: 133742
Conc: 20.14 ug/L m



#15 4-Nitrotoluene

R.T.: 12.763 min
Delta R.T.: 0.064 min
Response: 109961
Conc: 20.10 ug/L m



#16 3-Nitrotoluene

R.T.: 14.115 min
Delta R.T.: 0.122 min
Response: 162938
Conc: 23.25 ug/L m