

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005583.D Vial: 6
 Acq On : 04-Oct-2013, 10:46 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 18:44 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:40 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 15:28:23 2013
 Response via : Initial Calibration
 DataAcq Meth : 8330AGIP.M

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	1.37	118424	29.187 ug/L m
Target Compounds			
3) T RDX	1.78	133752	25.998 ug/L
4) T 1,3,5-Trinitrobenzene	2.70	250616	22.242 ug/L m
5) T 1,3-Dinitrobenzene	3.60	350728	21.941 ng/mlm
6) T 3,5-Dinitroaniline	4.02	271087	19.278 ug/L m
7) T Nitrobenzene	4.77	219814	21.666 ug/L m
8) T Tetryl	6.39	139115	22.786 ug/L m
9) T 2,4,6-Trinitrotoluene	6.50	231002	19.648 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.20	268001	22.791 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.57	141607	24.644 ug/L m
12) T 2,4-Dinitrotoluene	8.22	329832	21.739 ug/L m
13) T 2,6-Dinitrotoluene	8.63	149487	17.878 ug/L m
14) T 2-Nitrotoluene	11.66	165013	25.852 ug/L m
15) T 4-Nitrotoluene	12.35	132594	24.840 ug/L m
16) T 3-Nitrotoluene	13.61	157596	22.826 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.

Quantitation Report

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Sample : HSTDICC0020 Inst : G1314A
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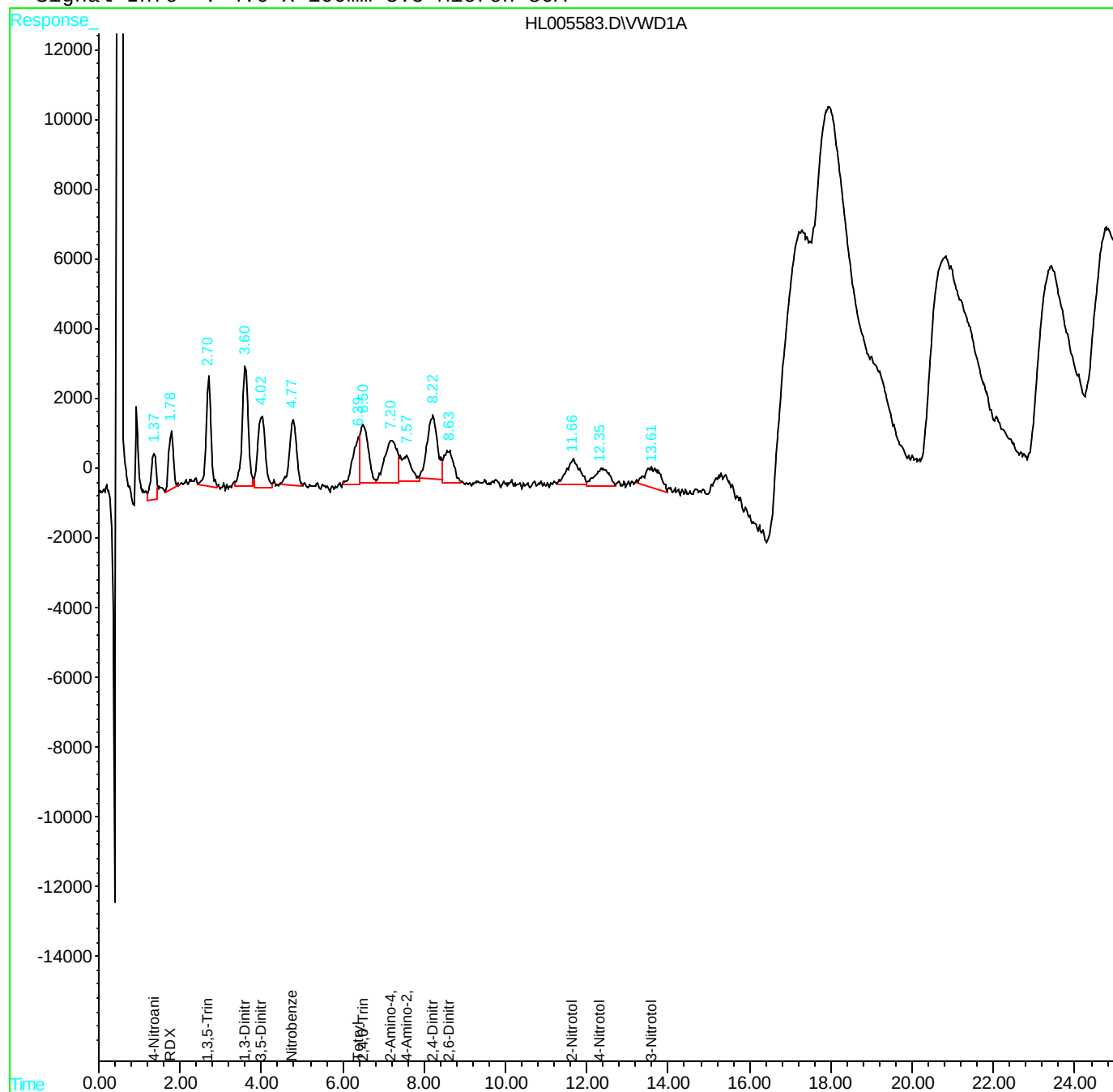
Instrument :
HPLC_L
LabSampleId :
HSTDICC0020

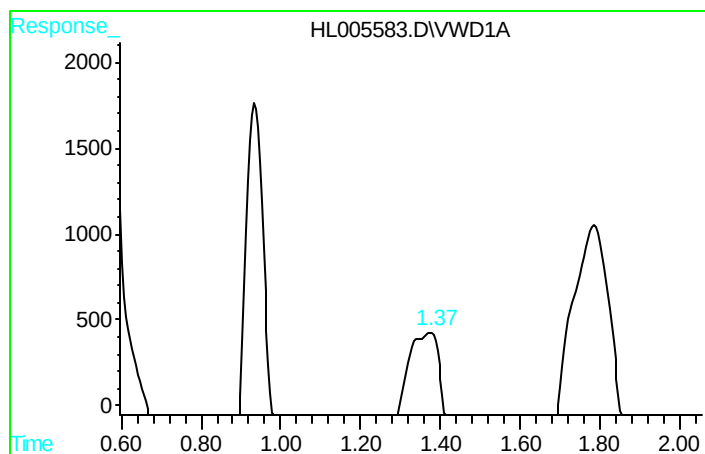
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
Title :
Last Update : Mon Oct 07 15:28:23 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





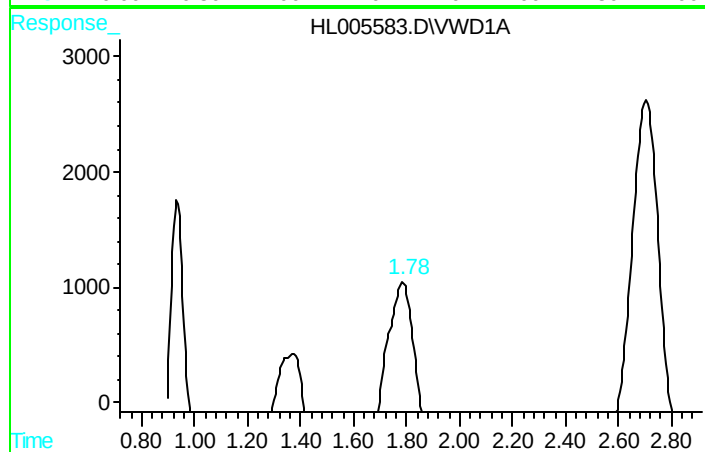
#1 4-Nitroaniline

R.T.: 1.374 min
Delta R.T.: -0.047 min
Response: 118424
Conc: 29.19 ug/L m

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HSTDIC0020

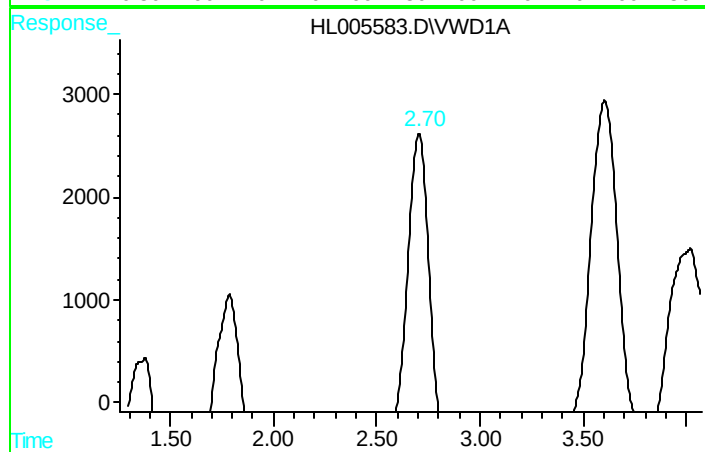
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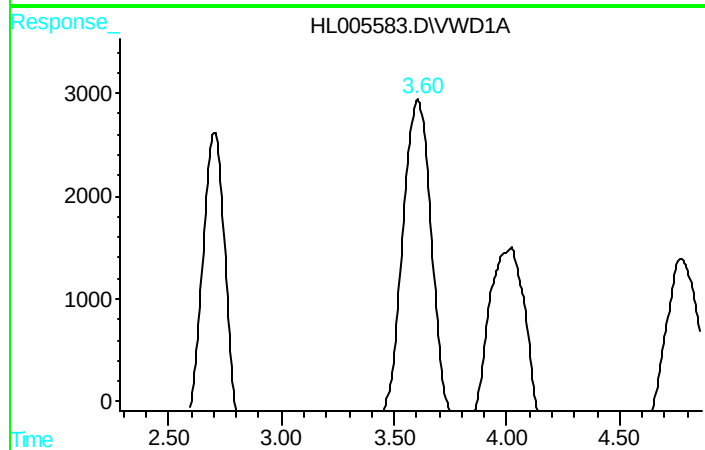
#3 RDX

R.T.: 1.785 min
Delta R.T.: -0.064 min
Response: 133752
Conc: 26.00 ug/L



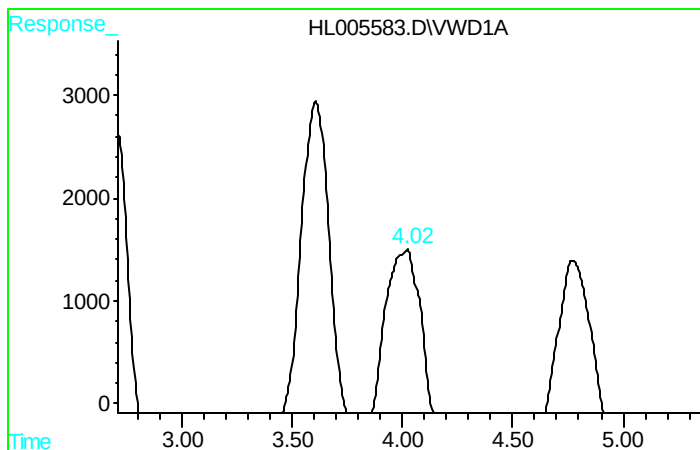
#4 1,3,5-Trinitrobenzene

R.T.: 2.704 min
Delta R.T.: -0.088 min
Response: 250616
Conc: 22.24 ug/L m



#5 1,3-Dinitrobenzene

R.T.: 3.604 min
Delta R.T.: -0.089 min
Response: 350728
Conc: 21.94 ng/ml m



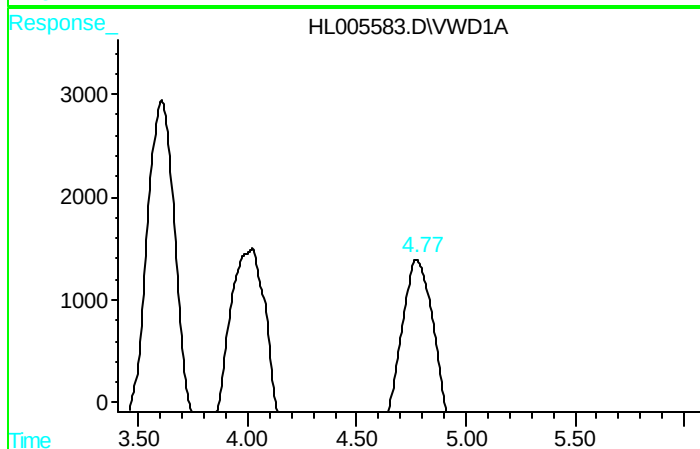
#6 3,5-Dinitroaniline

R.T.: 4.019 min
Delta R.T.: -0.091 min
Response: 271087
Conc: 19.28 ug/L m

Instrument :
HPLC_L
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HSTDICC0020

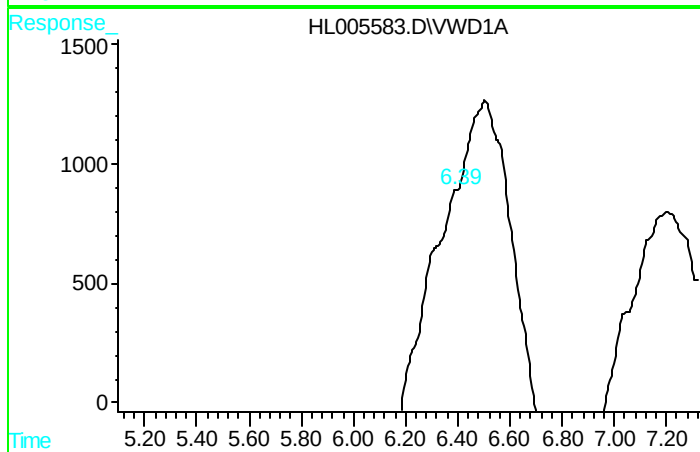
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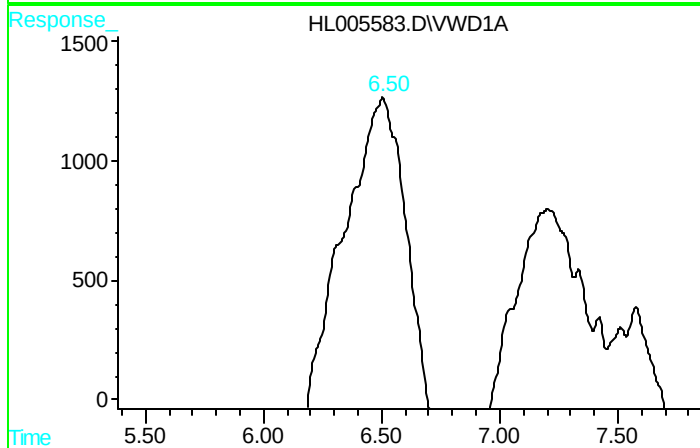
#7 Nitrobenzene

R.T.: 4.772 min
Delta R.T.: -0.129 min
Response: 219814
Conc: 21.67 ug/L m



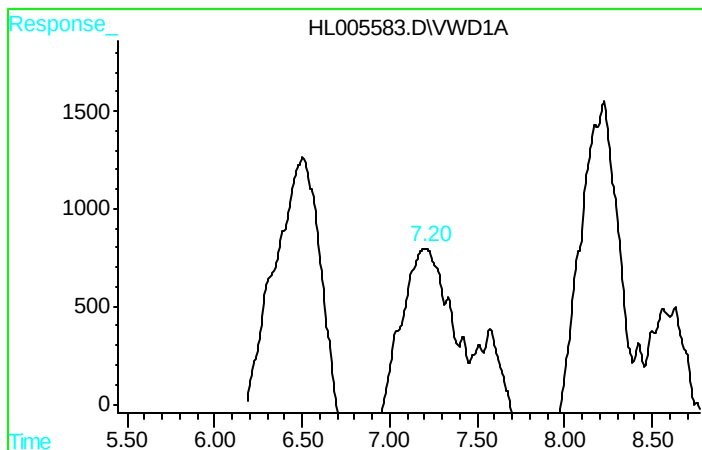
#8 Tetryl

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 139115
Conc: 22.79 ug/L m



#9 2,4,6-Trinitrotoluene

R.T.: 6.504 min
Delta R.T.: -0.072 min
Response: 231002
Conc: 19.65 ug/L m



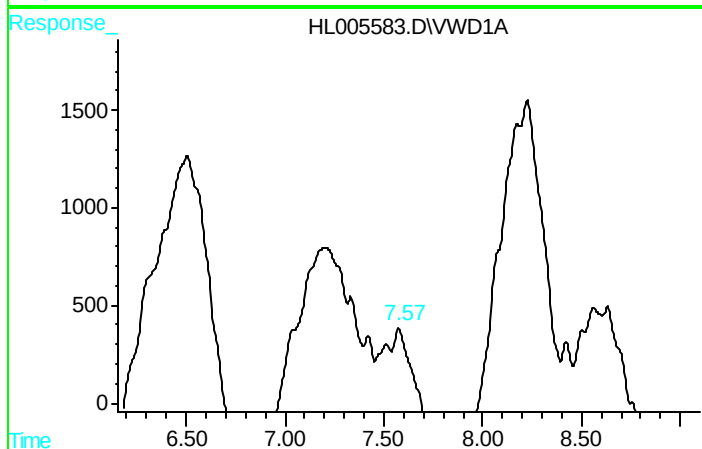
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.205 min
Delta R.T.: -0.027 min
Response: 268001
Conc: 22.79 ug/L m

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HSTDICC0020

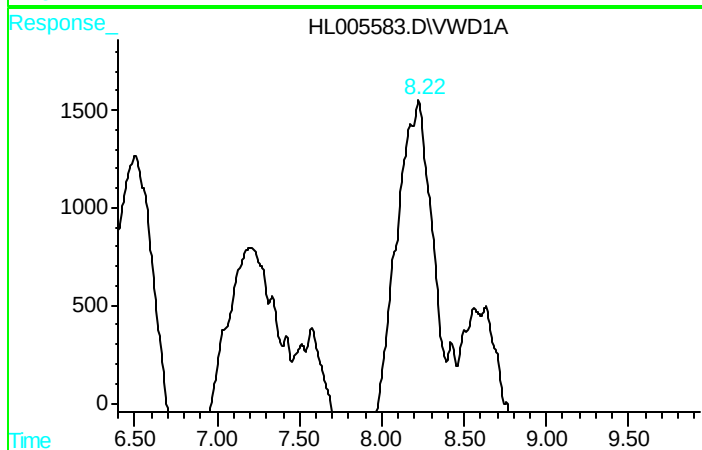
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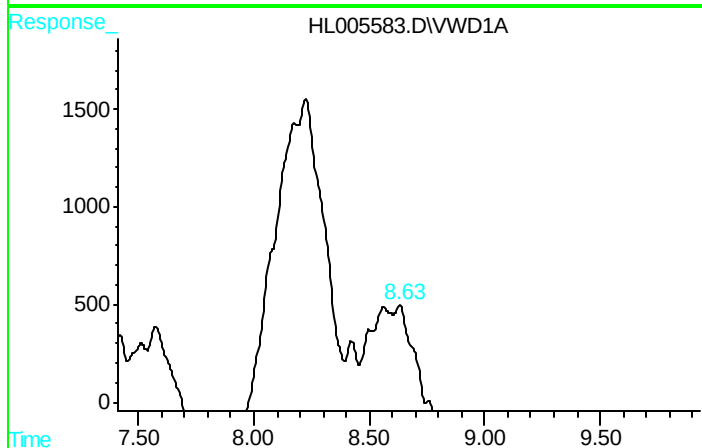
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.575 min
Delta R.T.: 0.005 min
Response: 141607
Conc: 24.64 ug/L m



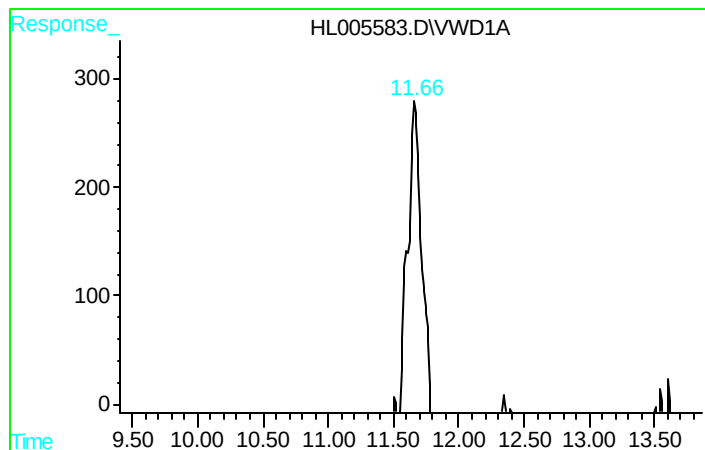
#12 2,4-Dinitrotoluene

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 329832
Conc: 21.74 ug/L m



#13 2,6-Dinitrotoluene

R.T.: 8.631 min
Delta R.T.: 0.006 min
Response: 149487
Conc: 17.88 ug/L m



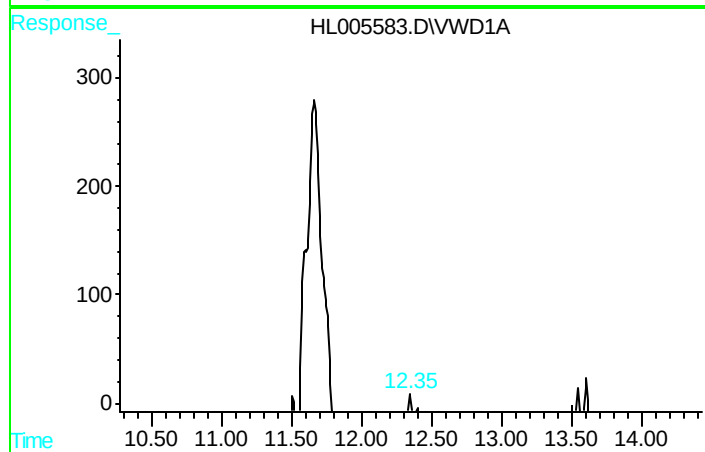
#14 2-Nitrotoluene

R.T.: 11.659 min
Delta R.T.: -0.155 min
Response: 165013
Conc: 25.85 ug/L m

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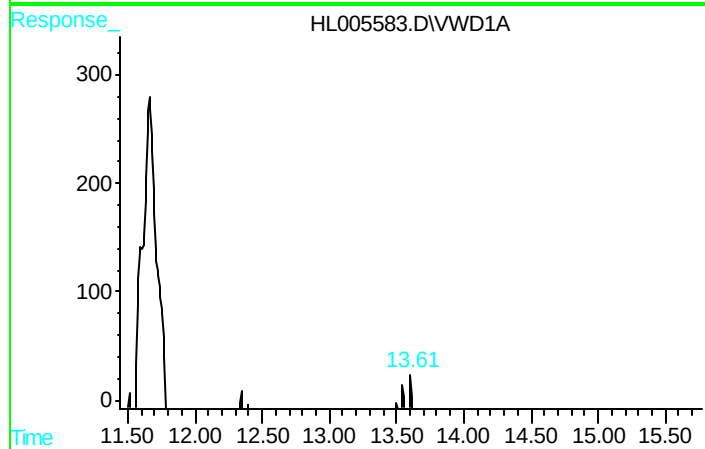
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#15 4-Nitrotoluene

R.T.: 12.345 min
Delta R.T.: -0.213 min
Response: 132594
Conc: 24.84 ug/L m



#16 3-Nitrotoluene

R.T.: 13.606 min
Delta R.T.: -0.213 min
Response: 157596
Conc: 22.83 ug/L m