

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005578.D Vial: 1
 Acq On : 04-Oct-2013, 08:28 Operator: QM
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 15:37 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:37 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	1.40	21492367	5297.101 ug/L
Target Compounds			
2) T HMX	0.94	22576044	4875.696 ug/L
3) T RDX	1.82	28516152	5542.794 ug/L
4) T 1,3,5-Trinitrobenzene	2.76	60266794	5348.749 ug/L
5) T 1,3-Dinitrobenzene	3.67	92530509	5788.551 ng/ml
6) T 3,5-Dinitroaniline	4.10	70647226	5023.881 ug/L
7) T Nitrobenzene	4.88	56485362	5567.523 ug/L
8) T Tetryl	6.42	29539464	4838.321 ug/L m
9) T 2,4,6-Trinitrotoluene	6.53	62730494	5335.603 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.31	64280528	5466.457 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.52	18612697	3239.171 ug/L m
12) T 2,4-Dinitrotoluene	8.27	89645982	5908.439 ug/L
13) T 2,6-Dinitrotoluene	8.65	33228934	3973.949 ug/L
14) T 2-Nitrotoluene	11.77	34740857	5442.649 ug/L
15) T 4-Nitrotoluene	12.50	26536789	4971.414 ug/L
16) T 3-Nitrotoluene	13.74	32549341	4714.321 ug/L m
17) T PETN	19.47	39696615	4604.036 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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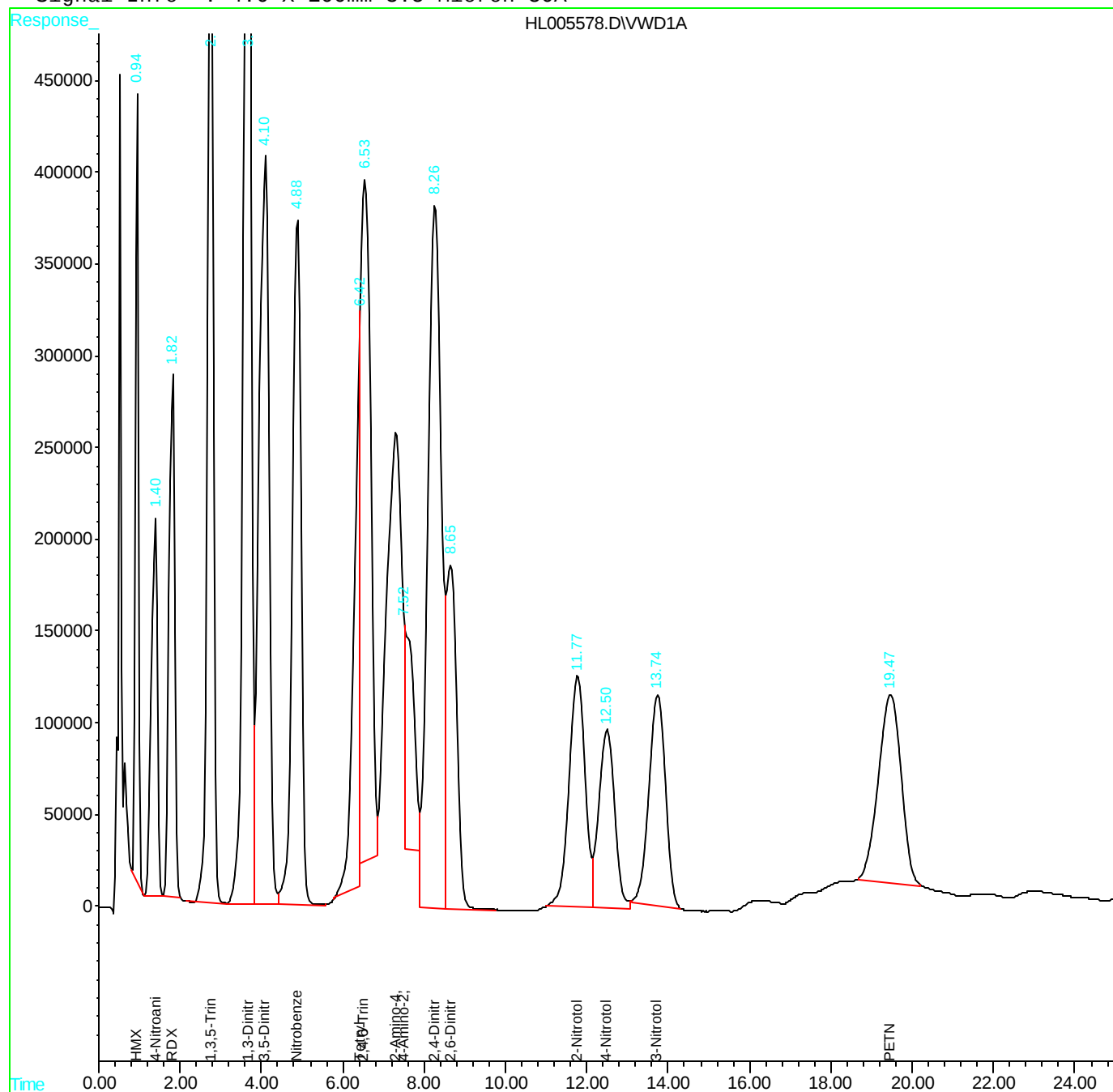
Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

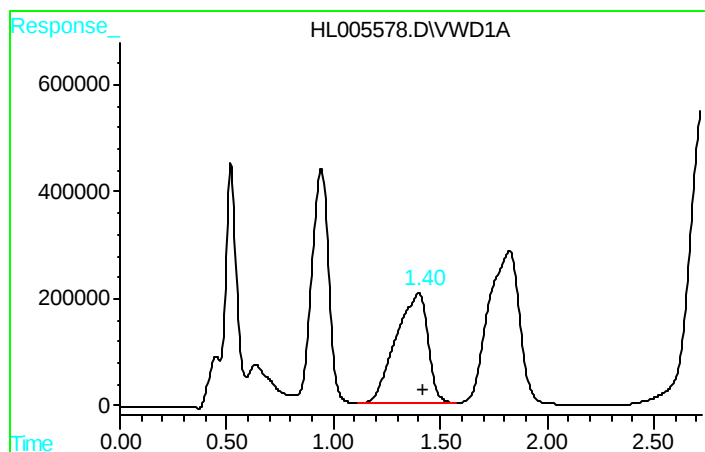
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
Title :
Last Update : Mon Oct 07 15:28:23 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





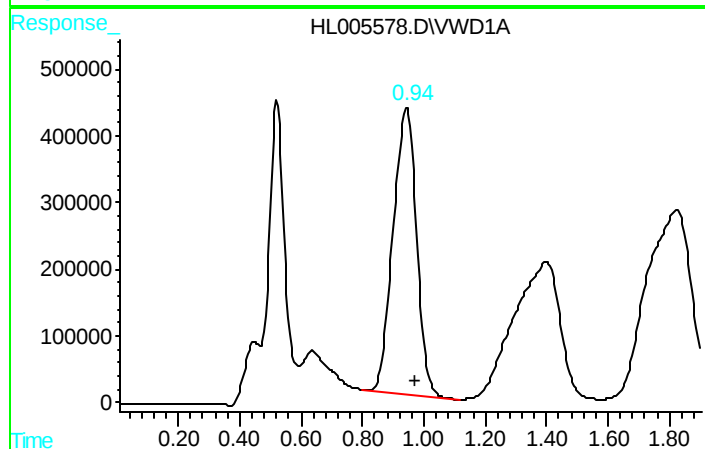
#1 4-Nitroaniline

R.T.: 1.396 min
Delta R.T.: -0.025 min
Response: 21492367
Conc: 5297.10 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

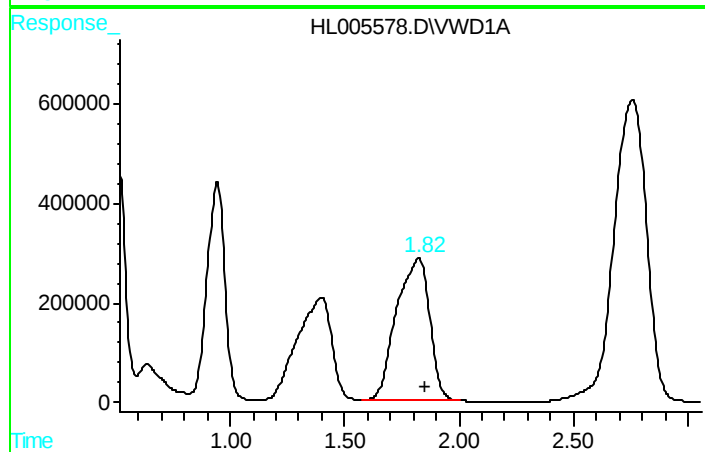
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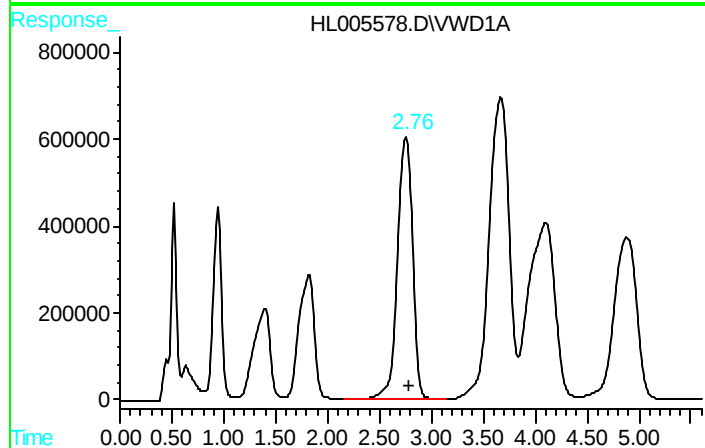
#2 HMX

R.T.: 0.943 min
Delta R.T.: -0.030 min
Response: 22576044
Conc: 4875.70 ug/L



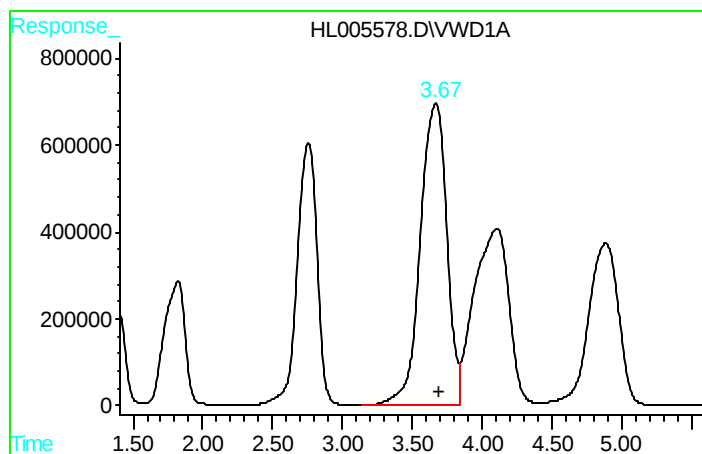
#3 RDX

R.T.: 1.821 min
Delta R.T.: -0.027 min
Response: 28516152
Conc: 5542.79 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.757 min
Delta R.T.: -0.035 min
Response: 60266794
Conc: 5348.75 ug/L



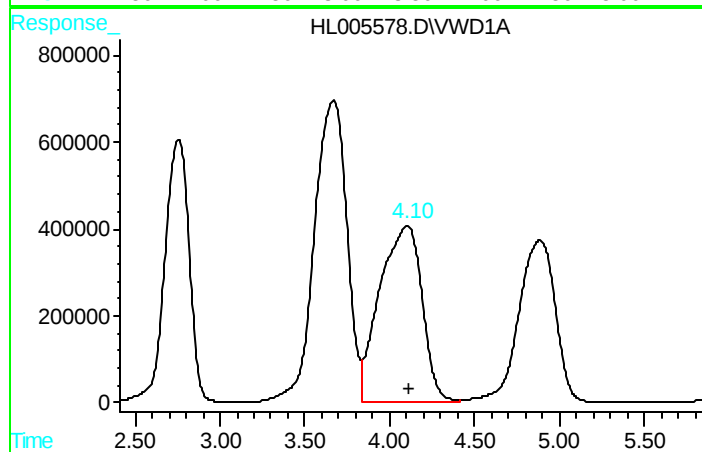
#5 1,3-Dinitrobenzene

R.T.: 3.668 min
 Delta R.T.: -0.024 min
 Response: 92530509
 Conc: 5788.55 ng/ml

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 HPLC_L
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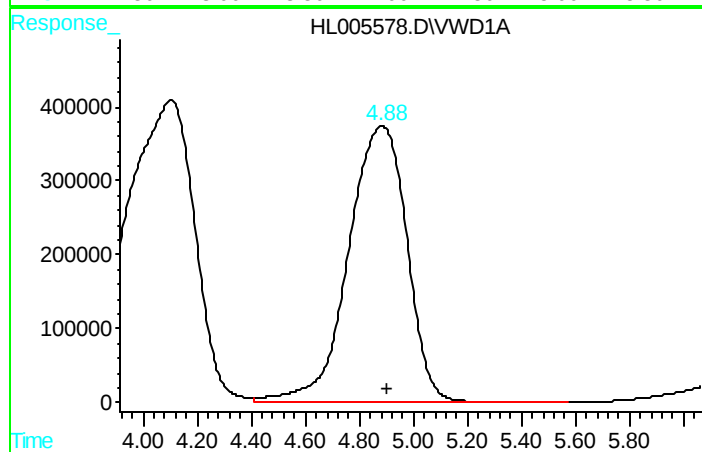
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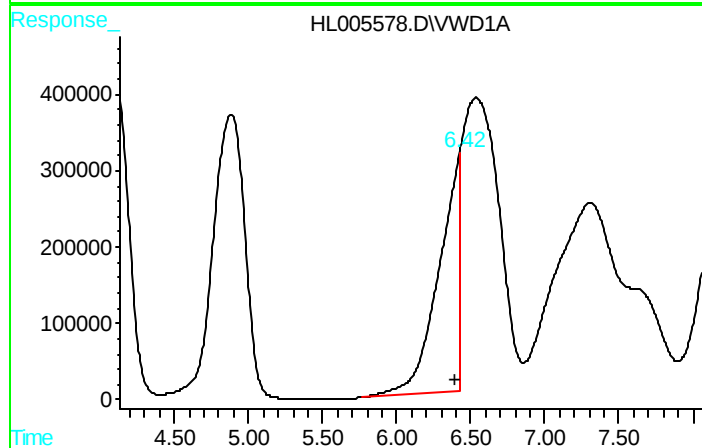
#6 3,5-Dinitroaniline

R.T.: 4.103 min
 Delta R.T.: -0.007 min
 Response: 70647226
 Conc: 5023.88 ug/L



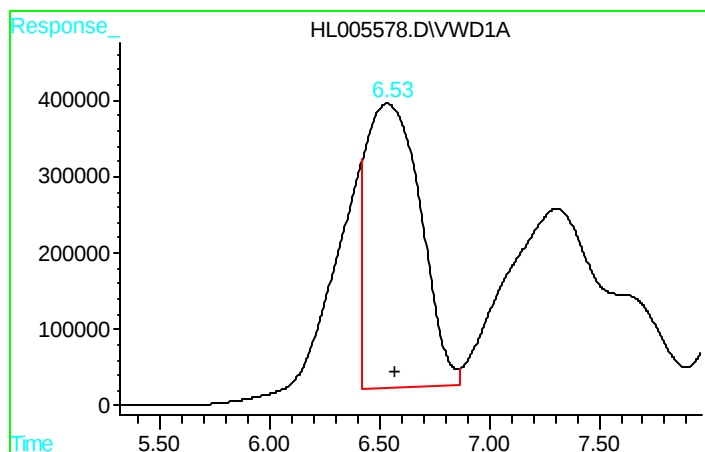
#7 Nitrobenzene

R.T.: 4.884 min
 Delta R.T.: -0.018 min
 Response: 56485362
 Conc: 5567.52 ug/L



#8 Tetryl

R.T.: 6.421 min
 Delta R.T.: 0.029 min
 Response: 29539464
 Conc: 4838.32 ug/L m



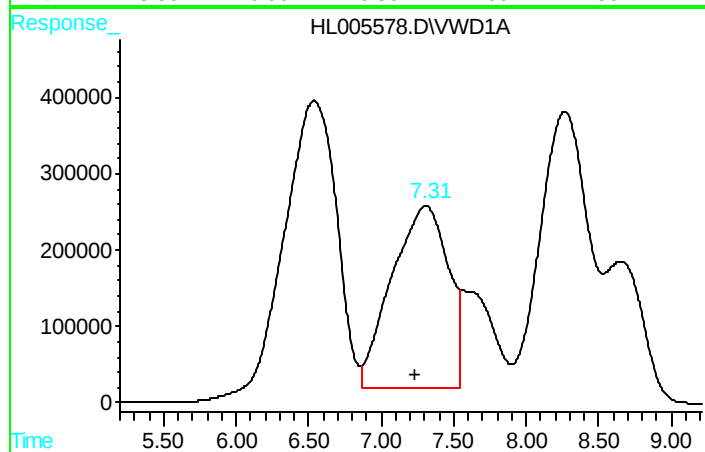
#9 2,4,6-Trinitrotoluene

R.T.: 6.535 min
Delta R.T.: -0.041 min
Response: 62730494
Conc: 5335.60 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

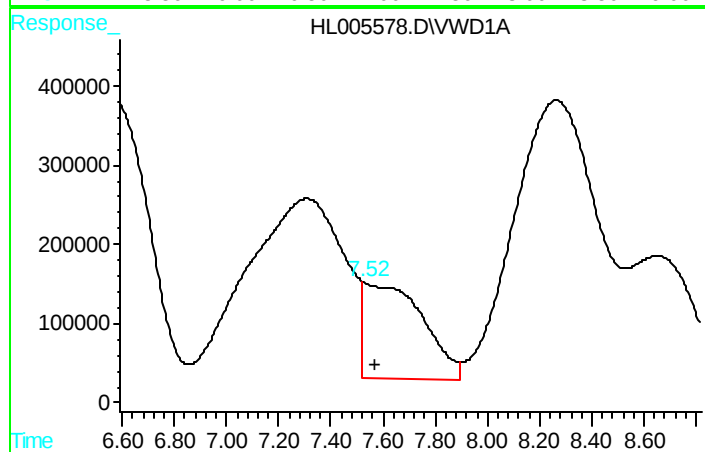
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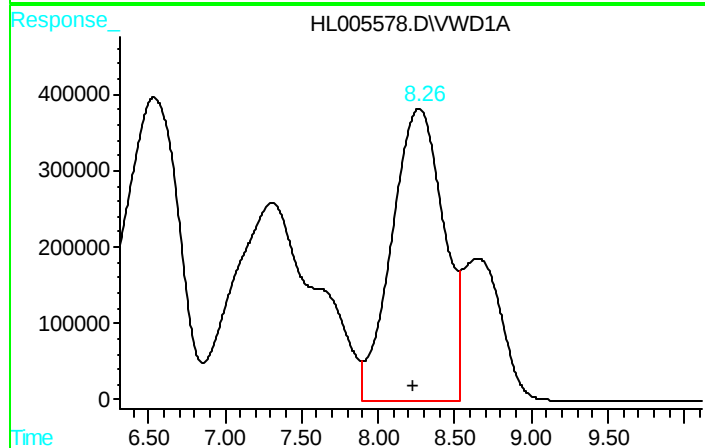
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.307 min
Delta R.T.: 0.076 min
Response: 64280528
Conc: 5466.46 ug/L m



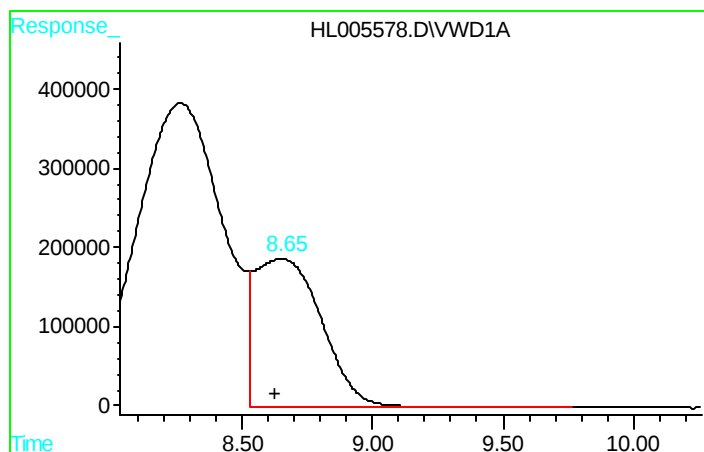
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.522 min
Delta R.T.: -0.048 min
Response: 18612697
Conc: 3239.17 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.266 min
Delta R.T.: 0.034 min
Response: 89645982
Conc: 5908.44 ug/L



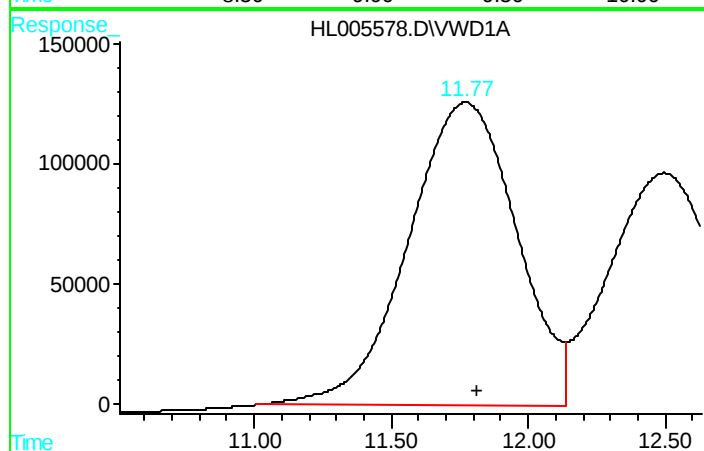
#13 2,6-Dinitrotoluene

R.T.: 8.651 min
 Delta R.T.: 0.026 min
 Response: 33228934
 Conc: 3973.95 ug/L

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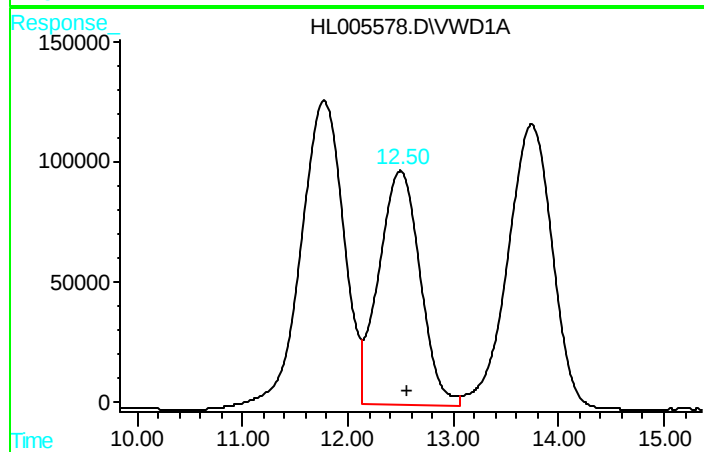
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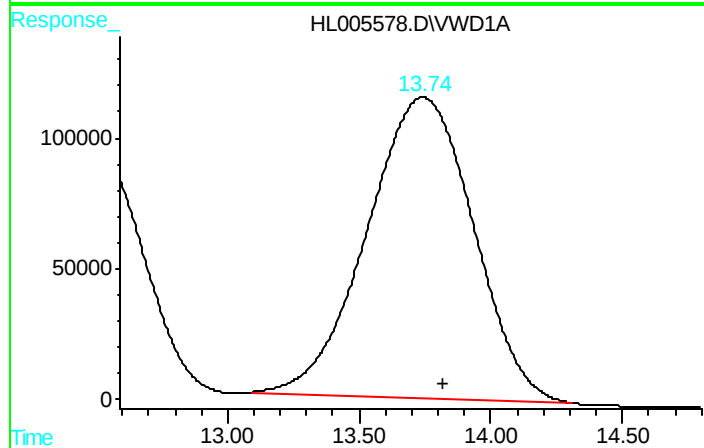
#14 2-Nitrotoluene

R.T.: 11.773 min
 Delta R.T.: -0.042 min
 Response: 34740857
 Conc: 5442.65 ug/L



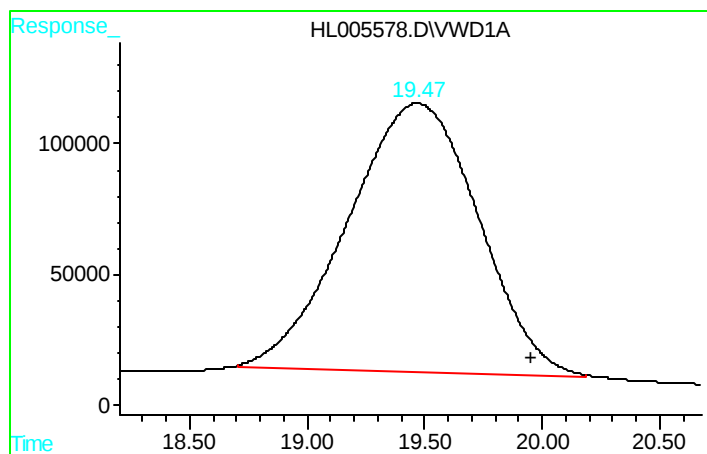
#15 4-Nitrotoluene

R.T.: 12.497 min
 Delta R.T.: -0.062 min
 Response: 26536789
 Conc: 4971.41 ug/L



#16 3-Nitrotoluene

R.T.: 13.741 min
 Delta R.T.: -0.078 min
 Response: 32549341
 Conc: 4714.32 ug/L m



#17 PETN

R.T.: 19.468 min
Delta R.T.: -0.486 min
Response: 39696615
Conc: 4604.04 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDICC5000

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