

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL052213\HL005274.D Vial: 37
 Acq On : 22-May-2013, 16:23 Operator: QM
 Sample : HSTDICC5000 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: May 23 9:44 2013 Quant Results File: HL052213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

Manual Integrations
 APPROVED

mohammad
 5/31/2013 5:15:19 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Wed May 22 10:55:00 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	1.33	20025253	4225.056 ug/L
Target Compounds			
2) T HMX	0.89	22192530	4219.560 ug/L
3) T RDX	1.73	25133544	4377.502 ug/L
4) T 1,3,5-Trinitrobenzene	2.66	53098983	4906.521 ug/L
5) T 1,3-Dinitrobenzene	3.53	78330464	5028.774 ng/ml
6) T 3,5-Dinitroaniline	3.90	66573391	4920.141 ug/L
7) T Nitrobenzene	4.76	51430402	5156.233 ug/L
8) T Tetryl	6.32	30496402	4388.404 ug/L m
9) T 2,4,6-Trinitrotoluene	6.50	57551604	5205.958 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.07	62040326	5529.356 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.40	20938576	3626.822 ug/L
12) T 2,4-Dinitrotoluene	8.12	79417187	5247.408 ug/L
13) T 2,6-Dinitrotoluene	8.54	38190209	4728.373 ug/L
14) T 2-Nitrotoluene	11.78	34372091	4779.234 ug/L
15) T 4-Nitrotoluene	12.53	27960053	4829.451 ug/L
16) T 3-Nitrotoluene	13.81	35167209	4979.825 ug/L m
17) T PETN	19.34	51687730	4391.986 ug/L

 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.

HL005274.D HL052213.M

Thu May 23 10:48:34 2013

RPT1

Quantitation Report

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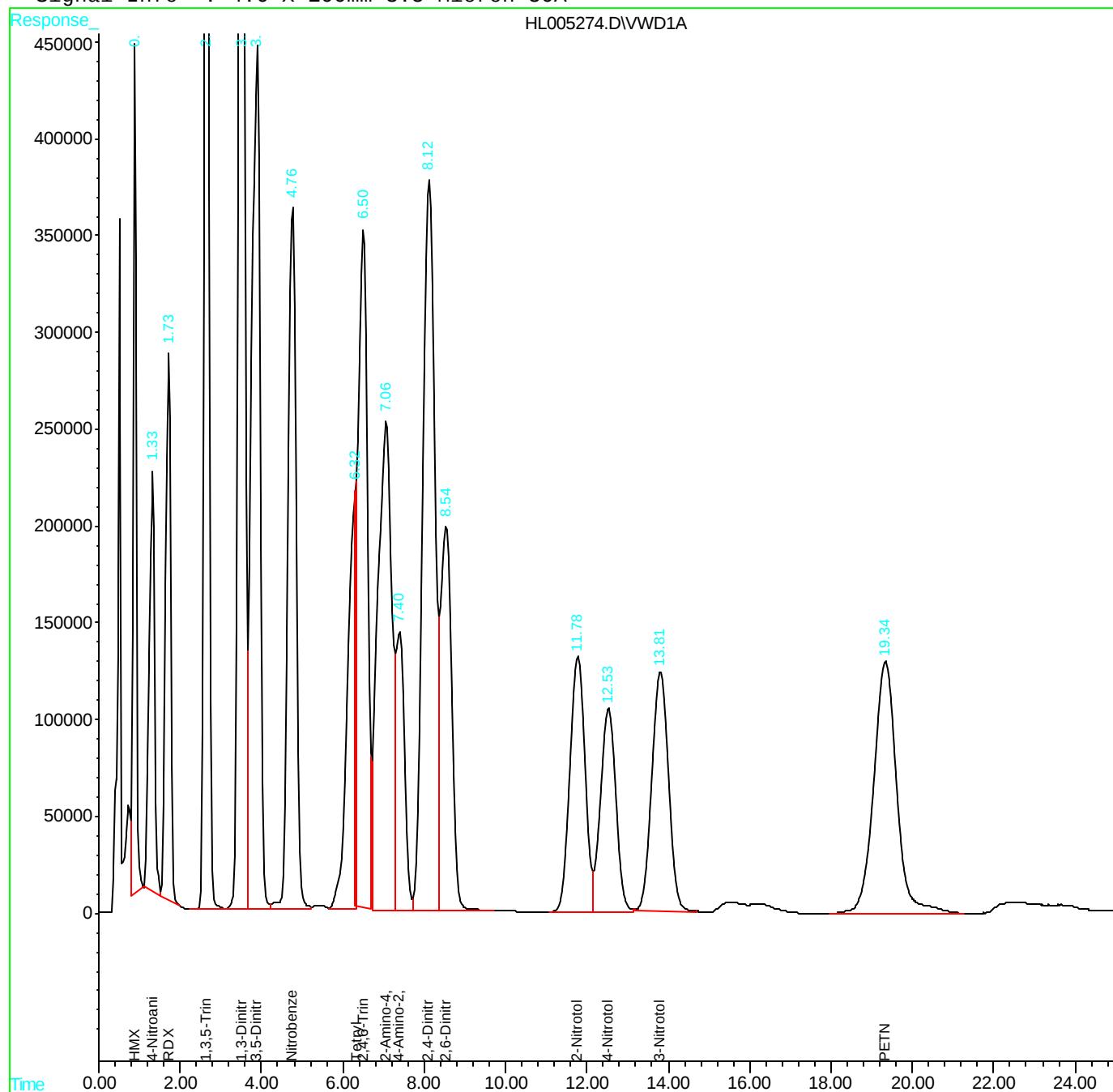
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC5000

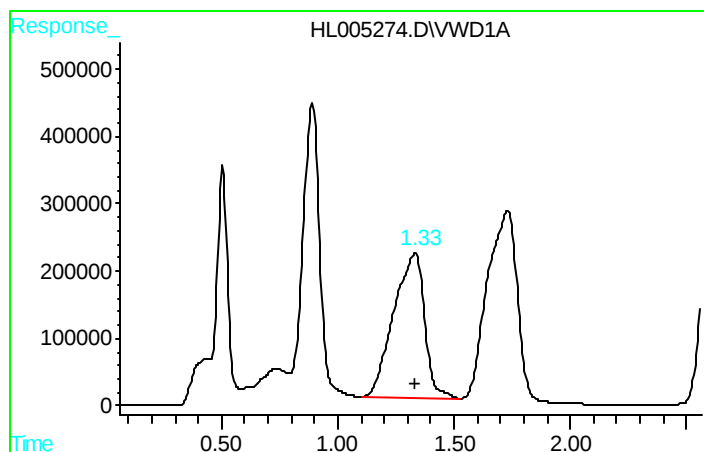
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL052213.M
 Title :
 Last Update : Wed May 22 10:55:00 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





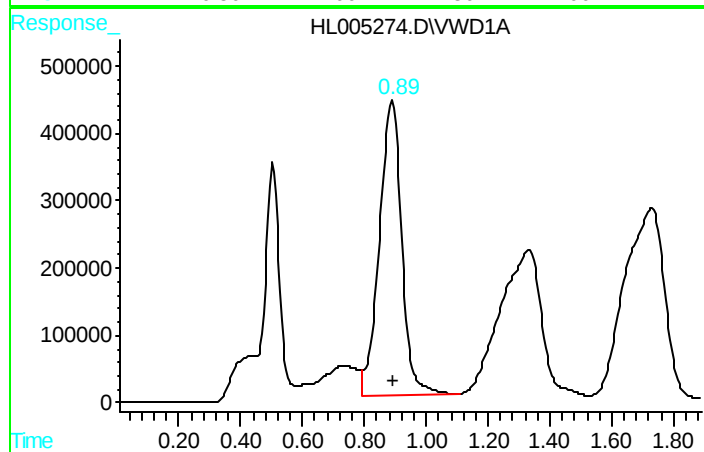
#1 4-Nitroaniline

R.T.: 1.330 min
Delta R.T.: 0.000 min
Response: 20025253
Conc: 4225.06 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

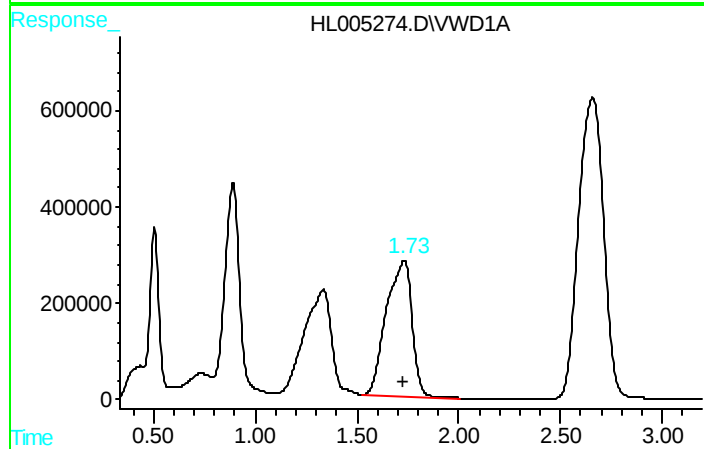
Manual Integrations
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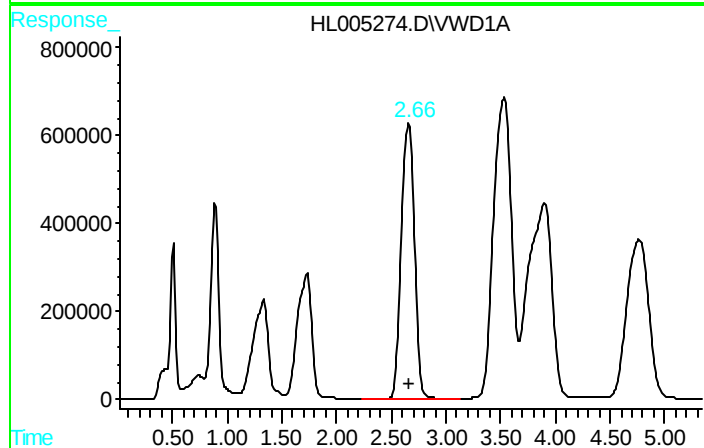
#2 HMX

R.T.: 0.890 min
Delta R.T.: 0.000 min
Response: 22192530
Conc: 4219.56 ug/L



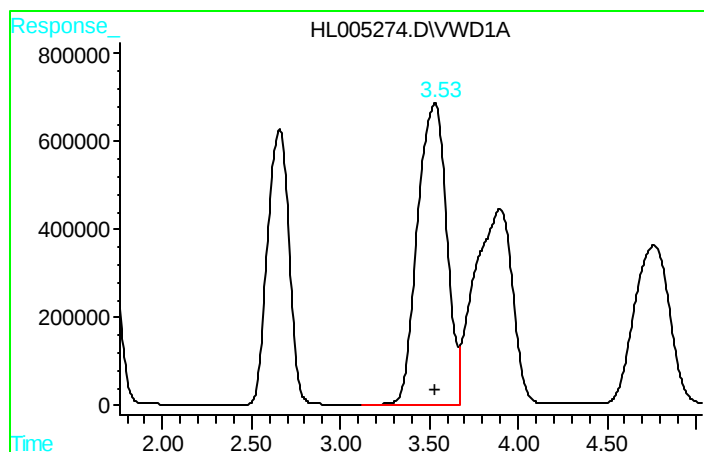
#3 RDX

R.T.: 1.727 min
Delta R.T.: 0.000 min
Response: 25133544
Conc: 4377.50 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.658 min
Delta R.T.: 0.000 min
Response: 53098983
Conc: 4906.52 ug/L



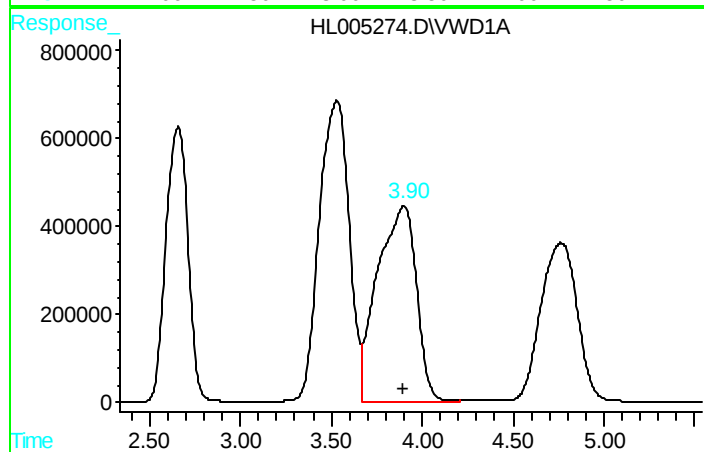
#5 1,3-Dinitrobenzene

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 78330464
Conc: 5028.77 ng/ml

Instrument :
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HSTDICC5000

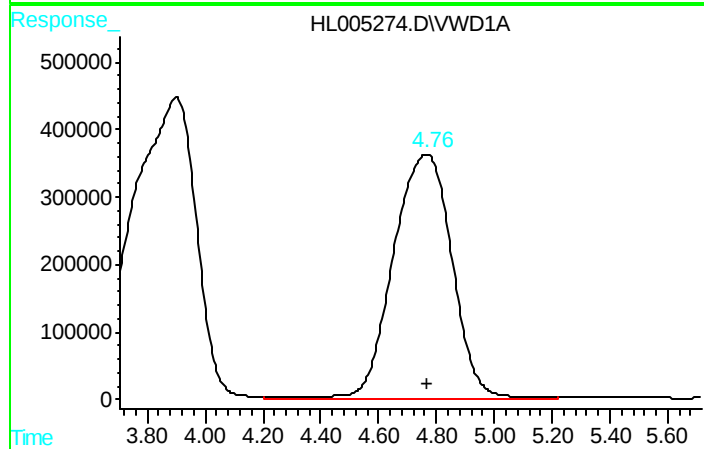
Manual Integrations
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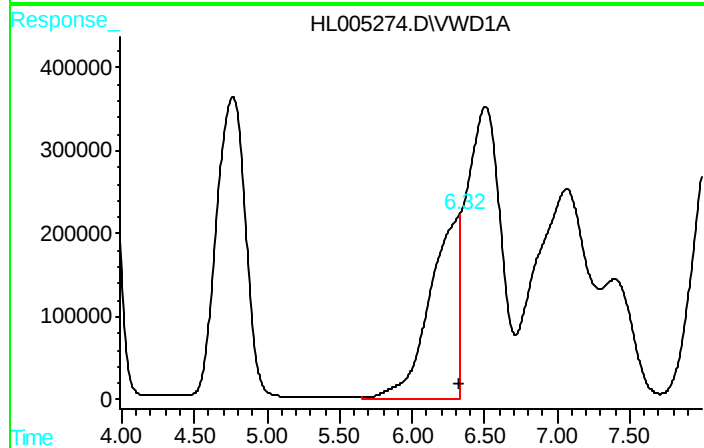
#6 3,5-Dinitroaniline

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 66573391
Conc: 4920.14 ug/L



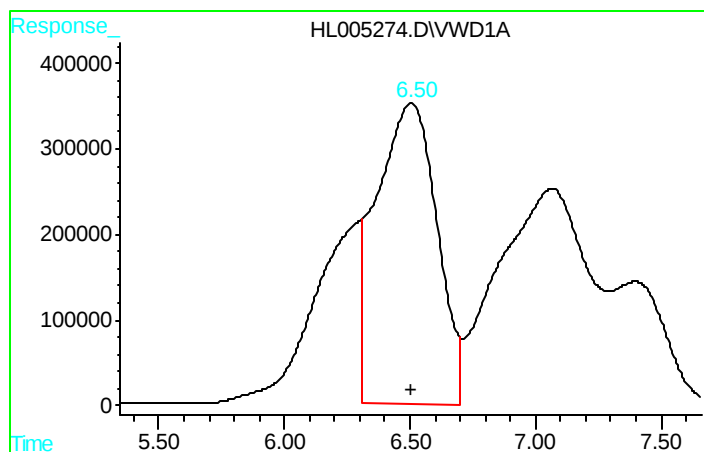
#7 Nitrobenzene

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 51430402
Conc: 5156.23 ug/L



#8 Tetryl

R.T.: 6.324 min
Delta R.T.: 0.005 min
Response: 30496402
Conc: 4388.40 ug/L m



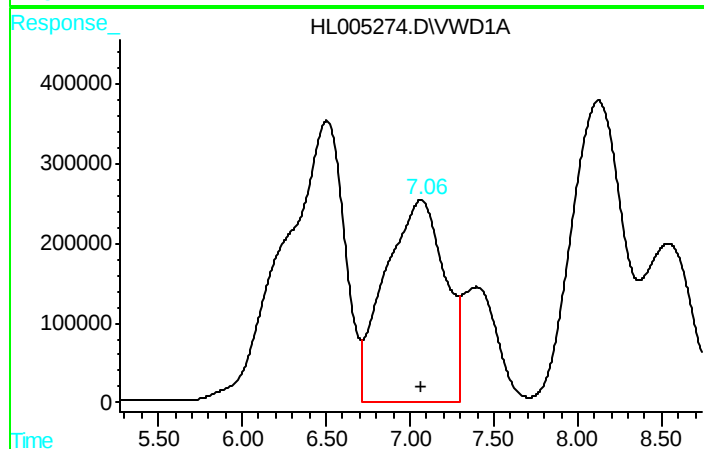
#9 2,4,6-Trinitrotoluene

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 57551604
Conc: 5205.96 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

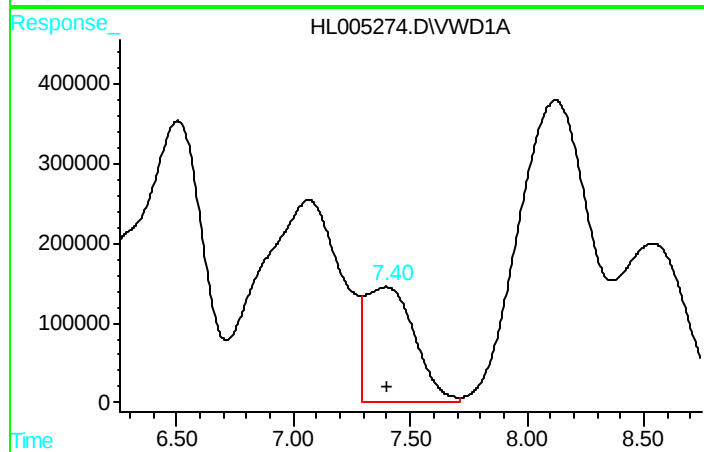
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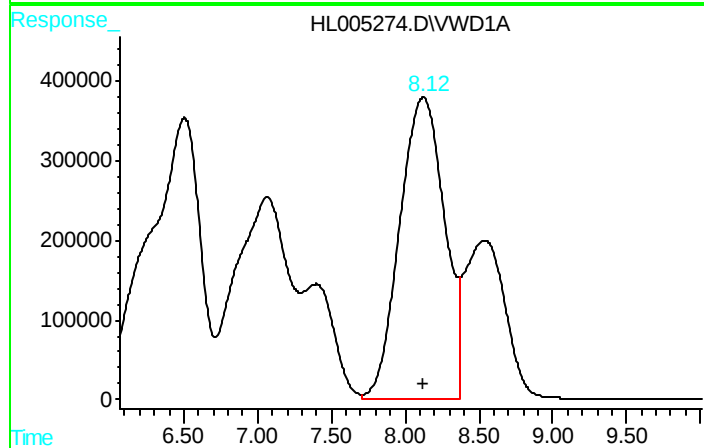
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 62040326
Conc: 5529.36 ug/L



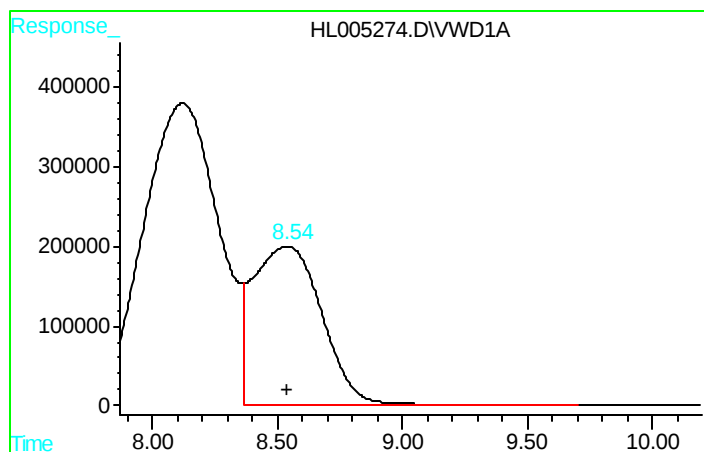
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 20938576
Conc: 3626.82 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 79417187
Conc: 5247.41 ug/L



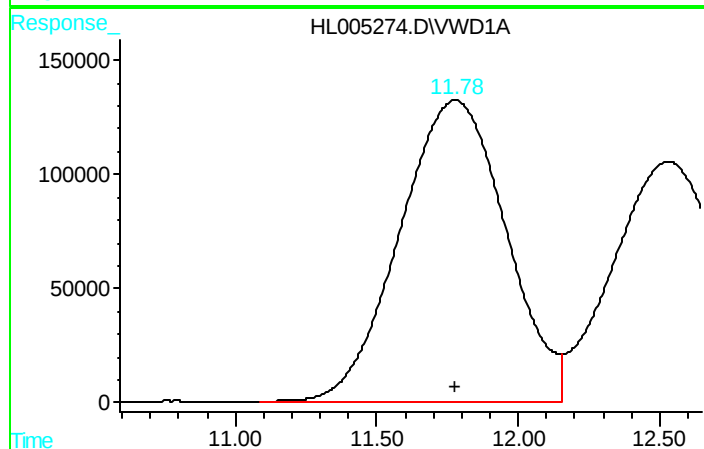
#13 2,6-Dinitrotoluene

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 38190209
Conc: 4728.37 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDICC5000

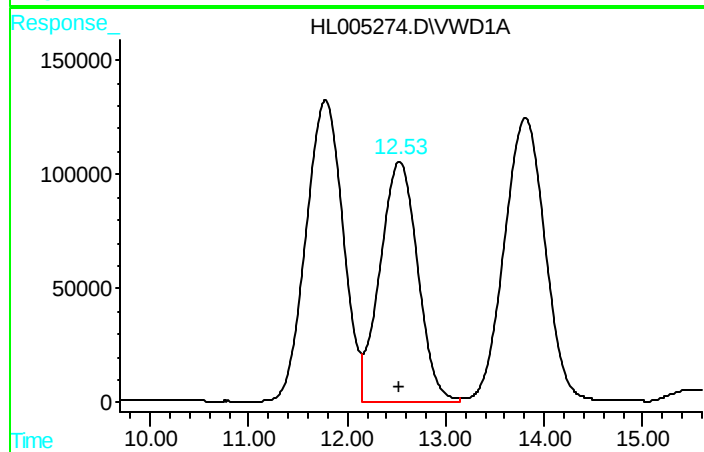
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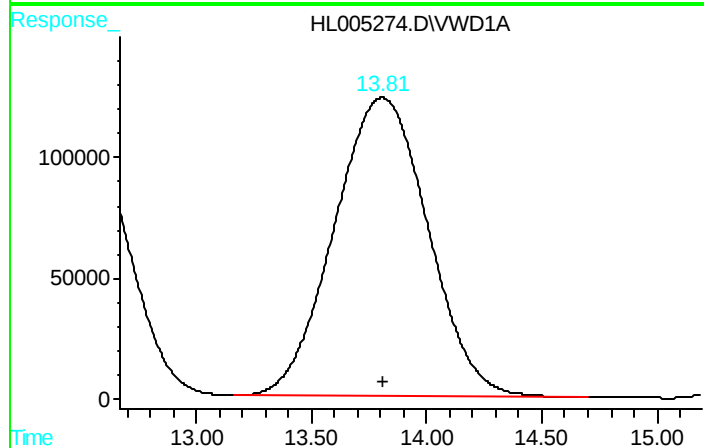
#14 2-Nitrotoluene

R.T.: 11.778 min
Delta R.T.: 0.000 min
Response: 34372091
Conc: 4779.23 ug/L



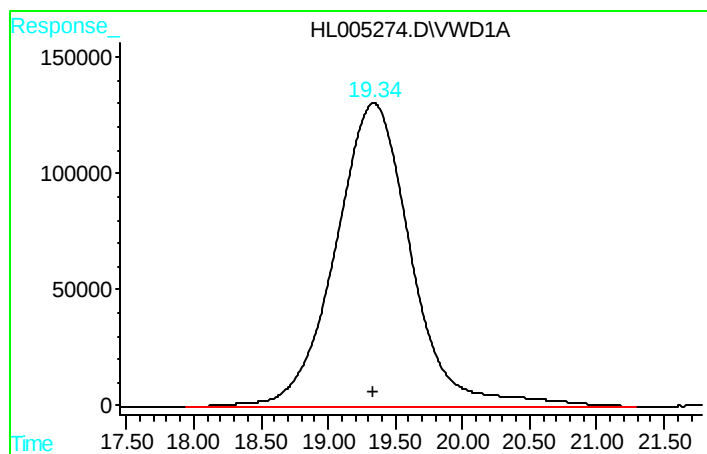
#15 4-Nitrotoluene

R.T.: 12.531 min
Delta R.T.: 0.000 min
Response: 27960053
Conc: 4829.45 ug/L



#16 3-Nitrotoluene

R.T.: 13.805 min
Delta R.T.: -0.002 min
Response: 35167209
Conc: 4979.82 ug/L m



#17 PETN

R.T.: 19.339 min
Delta R.T.: 0.000 min
Response: 51687730
Conc: 4391.99 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDICC5000

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