

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005540.D Vial: 5
 Acq On : 11-Jul-2013, 20:30 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 12 4:47 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

QI
 7/12/2013 11:17:03 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Thu Jul 11 20:47:47 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	1.31	413678	101.292 ug/L
Target Compounds			
2) T HMX	0.89	434719	96.258 ug/L
3) T RDX	1.72	525108	103.792 ug/L
4) T 1,3,5-Trinitrobenzene	2.65	1144836	102.586 ug/L
5) T 1,3-Dinitrobenzene	3.56	1579373	101.571 ng/ml
6) T 3,5-Dinitroaniline	3.94	1309139	93.898 ug/L
7) T Nitrobenzene	4.77	1003242	101.034 ug/L
8) T Tetryl	6.32	586635	97.062 ug/L m
9) T 2,4,6-Trinitrotoluene	6.52	1235177	105.705 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.11	1087962	92.599 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.48	625981	108.680 ug/L
12) T 2,4-Dinitrotoluene	8.17	1551392	104.035 ug/L
13) T 2,6-Dinitrotoluene	8.58	831446	99.536 ug/L
14) T 2-Nitrotoluene	11.81	619629	96.906 ug/L m
15) T 4-Nitrotoluene	12.58	505719	94.105 ug/L m
16) T 3-Nitrotoluene	13.86	685558	99.697 ug/L
17) T PETN	19.47	773314	75.162 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.

HL005540.D HL071113.M

Tue Jul 16 08:01:40 2013

RPT1

Quantitation Report

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Acq On : 11-Jul-2013, 20:30 Operator: QM
Sample : HSTDICC0100 Inst : G1314A
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IntFile : autoint1.e
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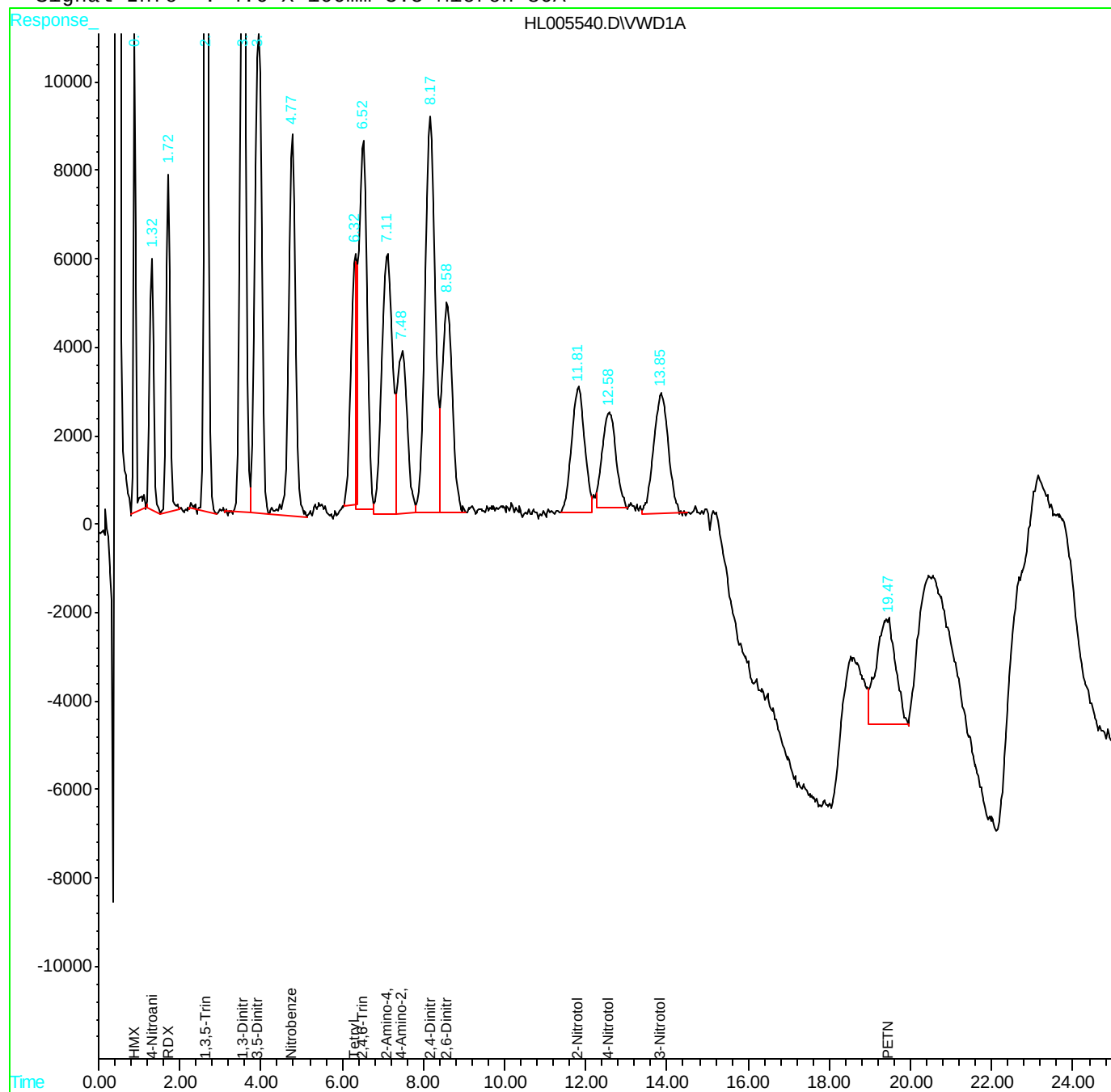
Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

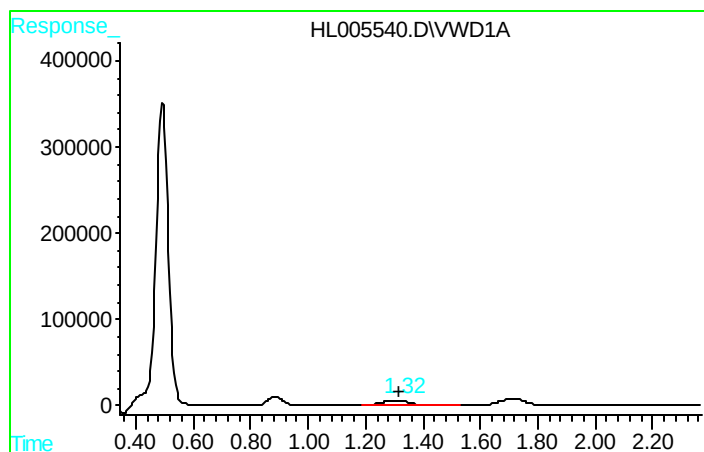
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7/12/2013 11:17:03 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
Title :
Last Update : Thu Jul 11 20:47:47 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





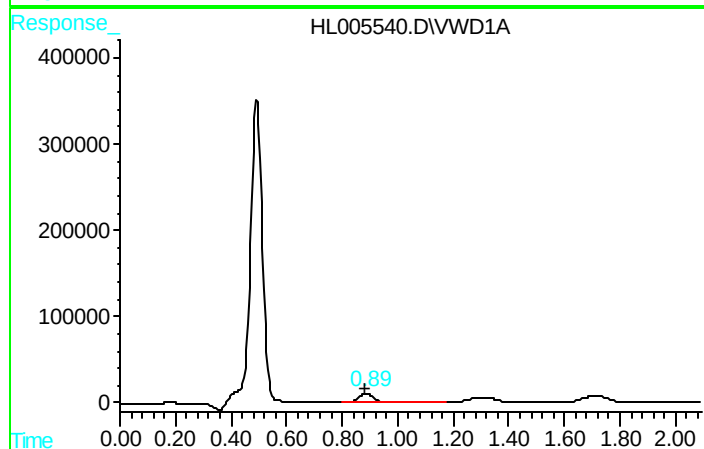
#1 4-Nitroaniline

R.T.: 1.315 min
Delta R.T.: -0.004 min
Response: 413678
Conc: 101.29 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC0100

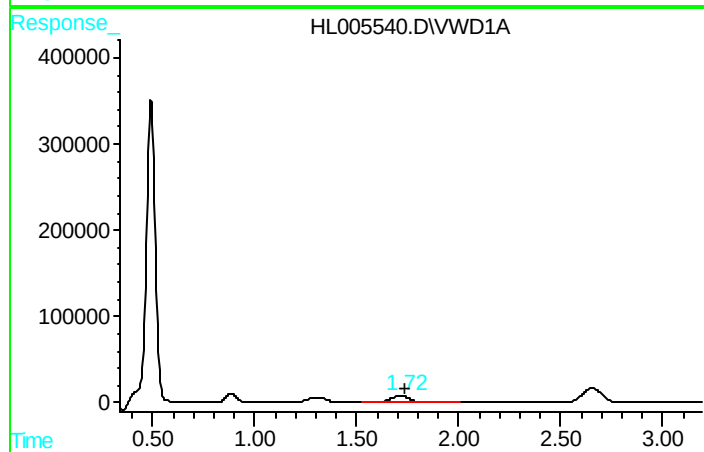
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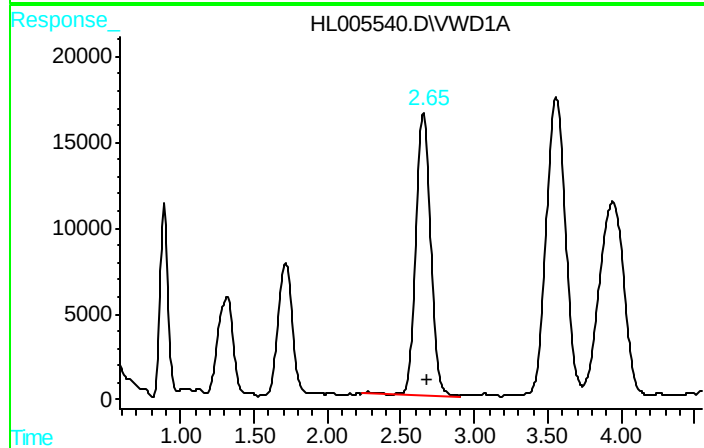
#2 HMX

R.T.: 0.888 min
Delta R.T.: 0.004 min
Response: 434719
Conc: 96.26 ug/L



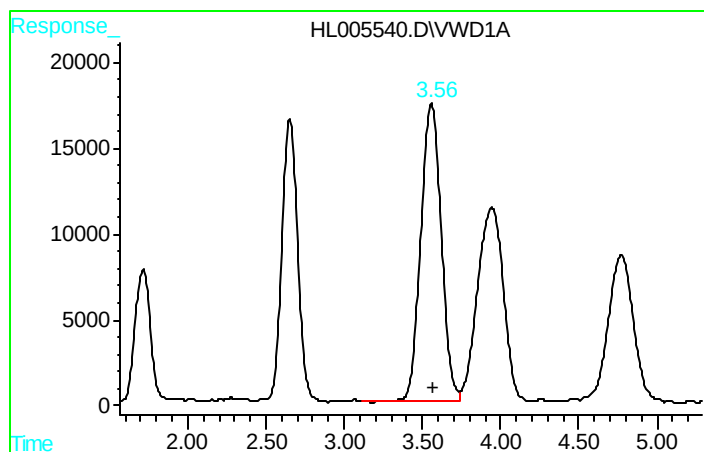
#3 RDX

R.T.: 1.716 min
Delta R.T.: -0.017 min
Response: 525108
Conc: 103.79 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.653 min
Delta R.T.: -0.025 min
Response: 1144836
Conc: 102.59 ug/L



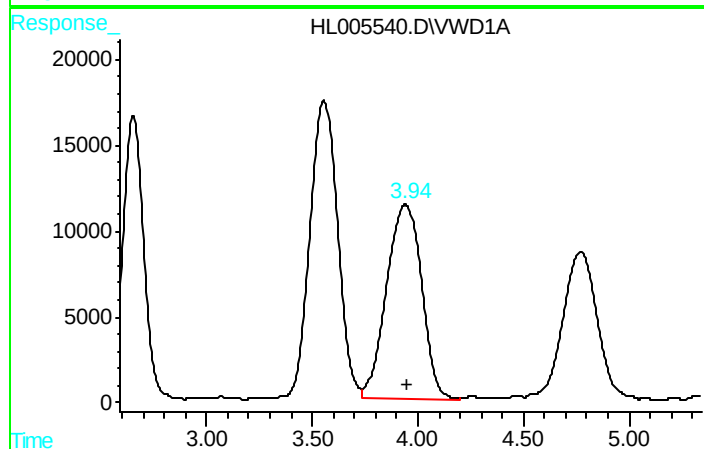
#5 1,3-Dinitrobenzene

R.T.: 3.558 min
Delta R.T.: -0.006 min
Response: 1579373
Conc: 101.57 ng/ml

Instrument :
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HSTDICC0100

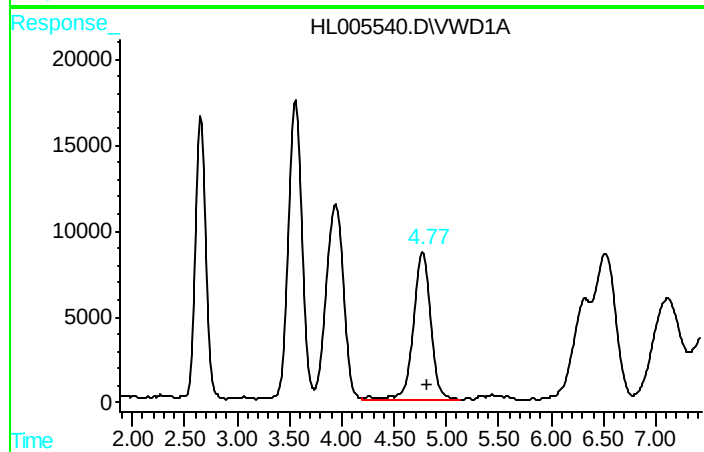
Manual Integrations
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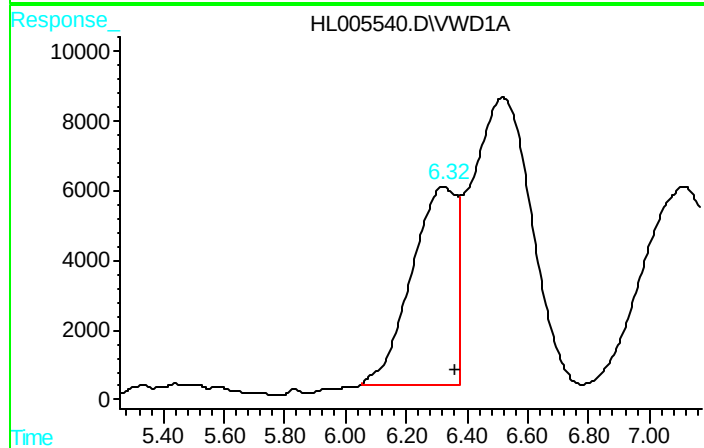
#6 3,5-Dinitroaniline

R.T.: 3.943 min
Delta R.T.: -0.003 min
Response: 1309139
Conc: 93.90 ug/L



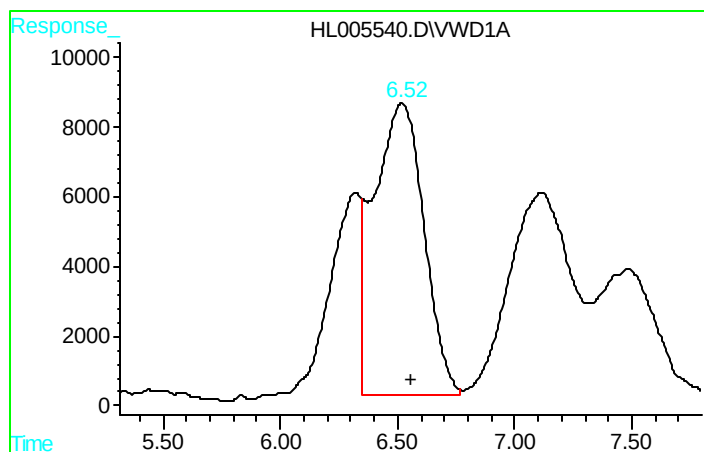
#7 Nitrobenzene

R.T.: 4.771 min
Delta R.T.: -0.033 min
Response: 1003242
Conc: 101.03 ug/L



#8 Tetryl

R.T.: 6.319 min
Delta R.T.: -0.045 min
Response: 586635
Conc: 97.06 ug/L m



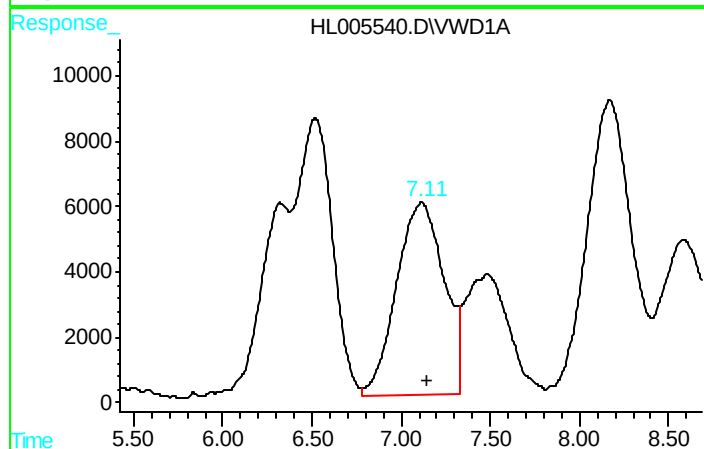
#9 2,4,6-Trinitrotoluene

R.T.: 6.516 min
Delta R.T.: -0.043 min
Response: 1235177
Conc: 105.70 ug/L m

Instrument :
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HSTDIC0100

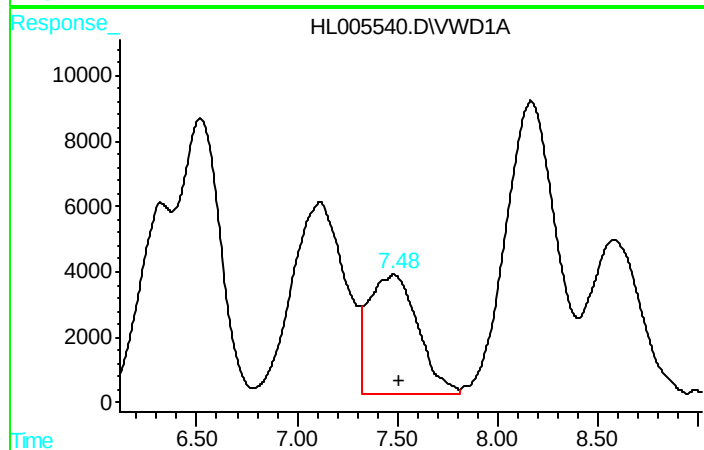
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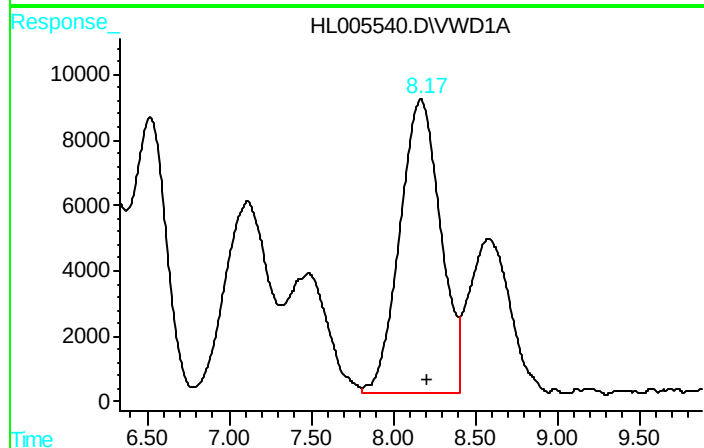
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.114 min
Delta R.T.: -0.035 min
Response: 1087962
Conc: 92.60 ug/L



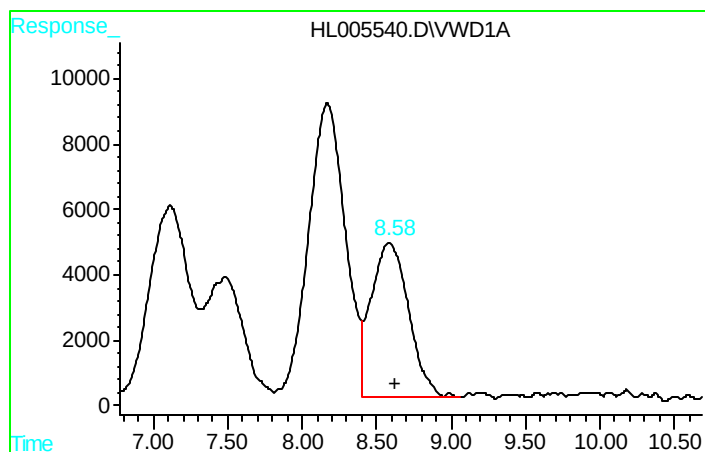
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.485 min
Delta R.T.: -0.026 min
Response: 625981
Conc: 108.68 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.169 min
Delta R.T.: -0.037 min
Response: 1551392
Conc: 104.03 ug/L



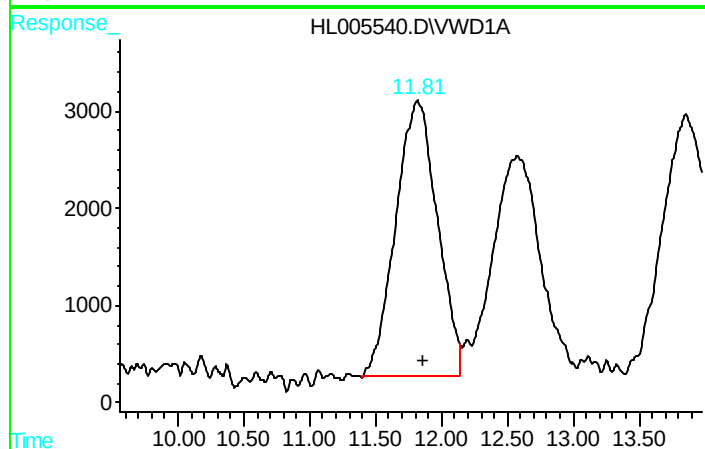
#13 2,6-Dinitrotoluene

R.T.: 8.583 min
Delta R.T.: -0.043 min
Response: 831446
Conc: 99.54 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC0100

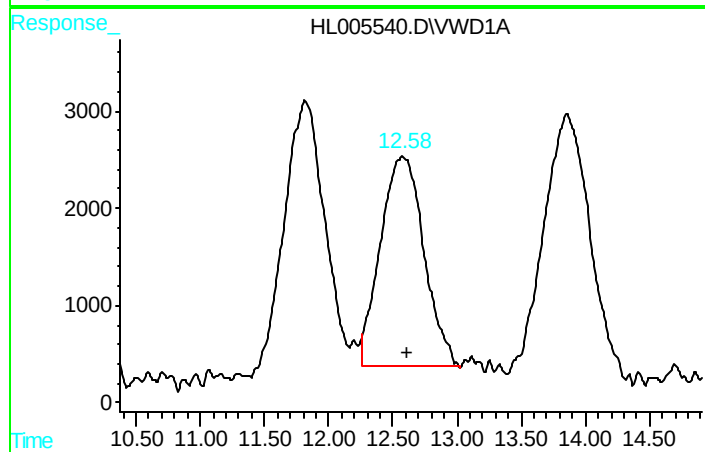
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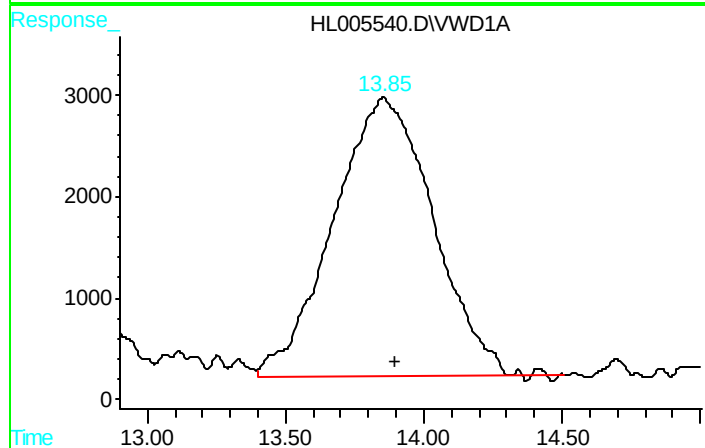
#14 2-Nitrotoluene

R.T.: 11.814 min
Delta R.T.: -0.048 min
Response: 619629
Conc: 96.91 ug/L m



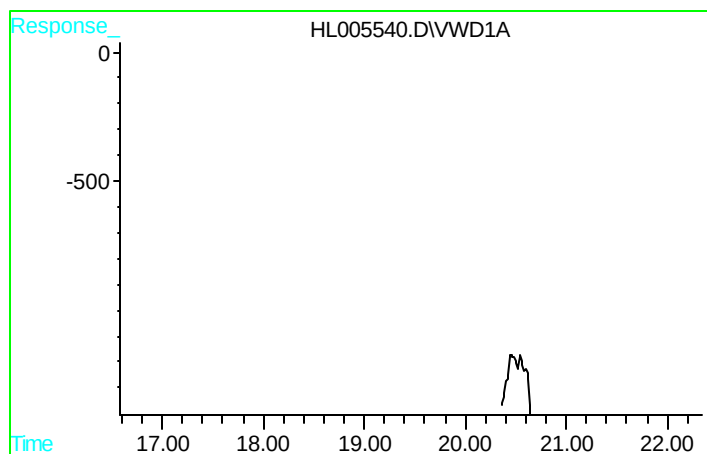
#15 4-Nitrotoluene

R.T.: 12.575 min
Delta R.T.: -0.039 min
Response: 505719
Conc: 94.10 ug/L m



#16 3-Nitrotoluene

R.T.: 13.856 min
Delta R.T.: -0.043 min
Response: 685558
Conc: 99.70 ug/L



#17 PETN

R.T.: 19.467 min
Delta R.T.: -0.008 min
Response: 773314
Conc: 75.16 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDIC00100

Manual Integrations
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