

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070913\HL005534.D Vial: 1
 Acq On : 09-Jul-2013, 20:09 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 10 8:34 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/10/2013 9:55:10 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 09 17:29:55 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	1.27	2063617	509.553 ug/L
Target Compounds			
2) T HMX	0.86	1896636	411.743 ug/L
3) T RDX	1.67	2630544	521.334 ug/L
4) T 1,3,5-Trinitrobenzene	2.59	5465603	490.294 ug/L
5) T 1,3-Dinitrobenzene	3.46	7984474	511.028 ng/ml
6) T 3,5-Dinitroaniline	3.83	6771481	484.773 ug/L
7) T Nitrobenzene	4.65	4875953	489.847 ug/L
8) T Tetryl	6.15	2588169	407.179 ug/L m
9) T 2,4,6-Trinitrotoluene	6.36	6292242	535.873 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	6.93	5486119	466.628 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.29	3143225	485.219 ug/L
12) T 2,4-Dinitrotoluene	8.01	7546479	504.175 ug/L
13) T 2,6-Dinitrotoluene	8.42	3985657	476.464 ug/L
14) T 2-Nitrotoluene	11.53	3267694	511.955 ug/L
15) T 4-Nitrotoluene	12.25	2678654	496.514 ug/L
16) T 3-Nitrotoluene	13.50	3347930	481.758 ug/L
17) T PETN	18.87	5221270	563.270 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.

HL005534.D HL070213.M

Fri Jul 12 00:36:44 2013

RPT1

Quantitation Report

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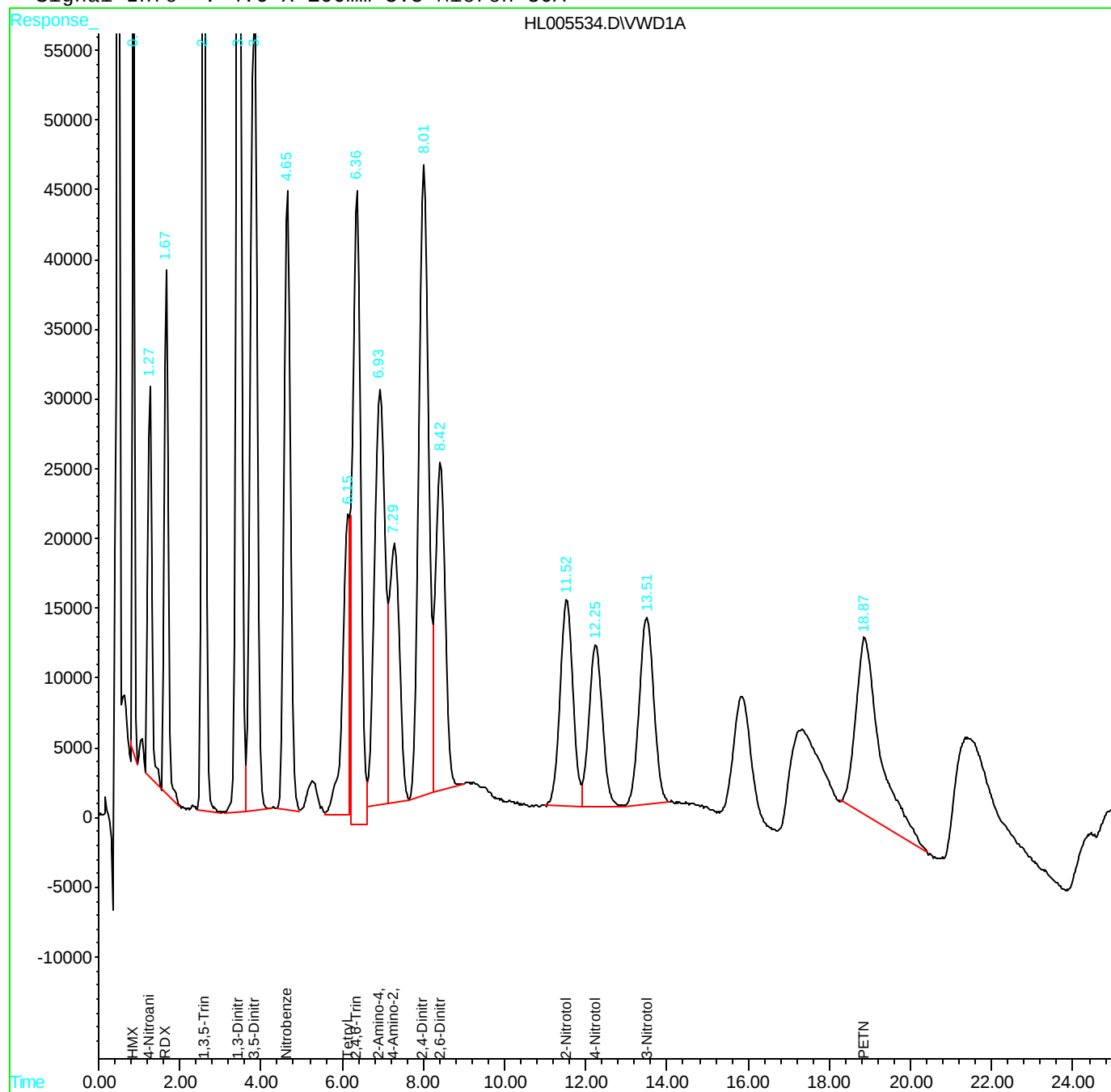
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

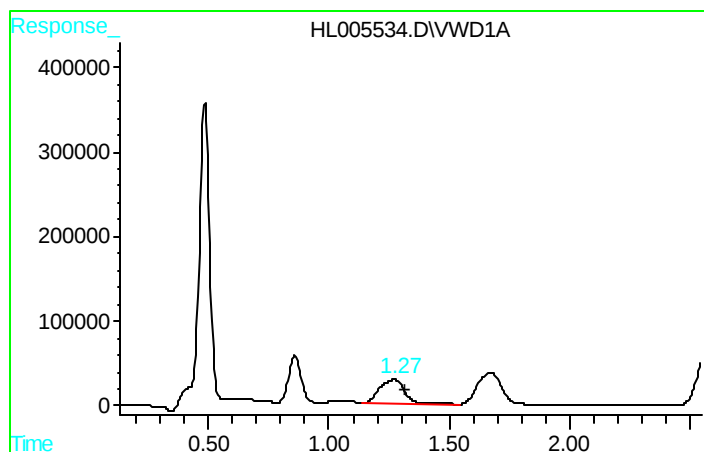
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 7/10/2013 9:55:10 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
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 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





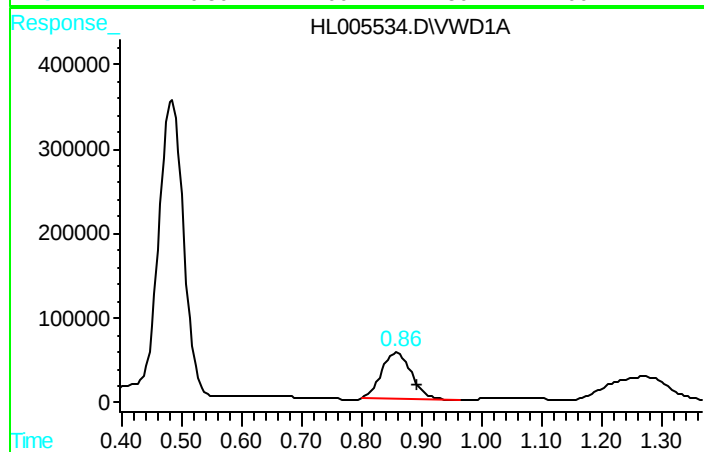
#1 4-Nitroaniline

R.T.: 1.269 min
Delta R.T.: -0.051 min
Response: 2063617
Conc: 509.55 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

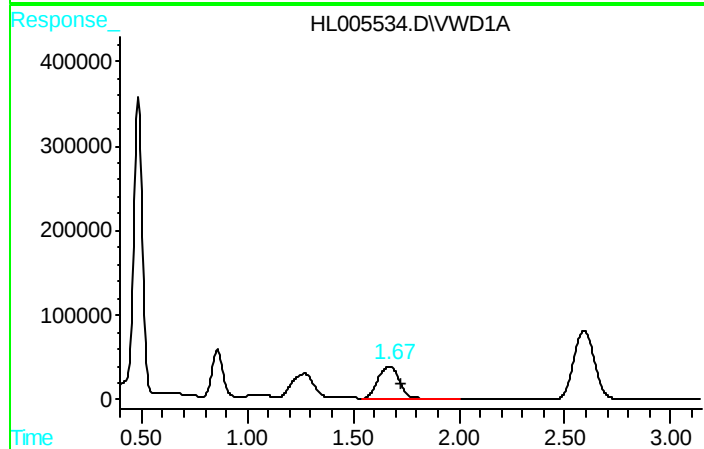
Manual Integrations
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7/10/2013 9:55:10 AM



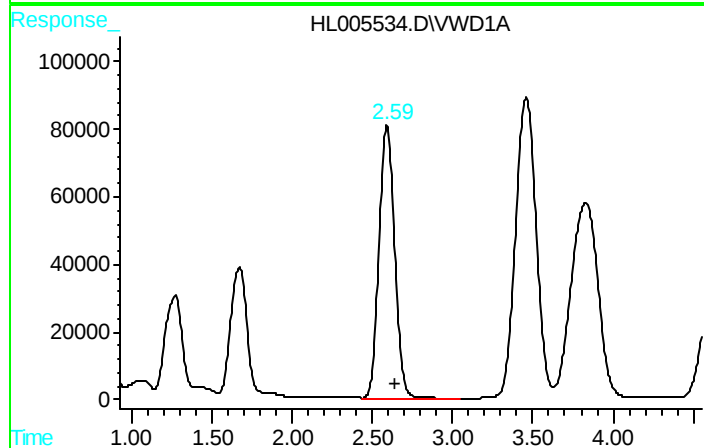
#2 HMX

R.T.: 0.860 min
Delta R.T.: -0.033 min
Response: 1896636
Conc: 411.74 ug/L



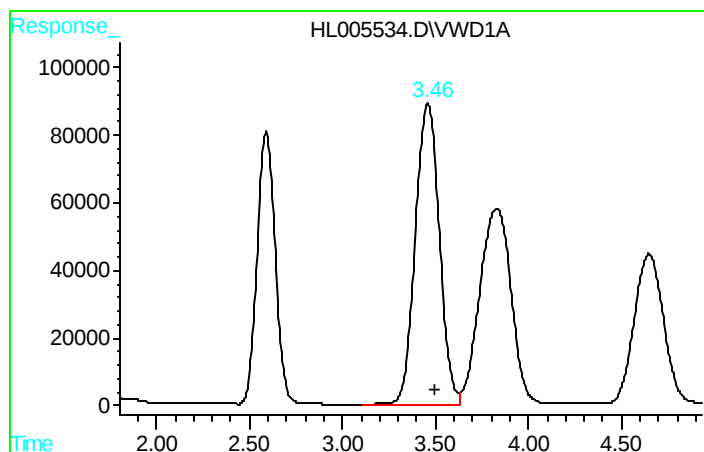
#3 RDX

R.T.: 1.670 min
Delta R.T.: -0.053 min
Response: 2630544
Conc: 521.33 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.592 min
Delta R.T.: -0.050 min
Response: 5465603
Conc: 490.29 ug/L



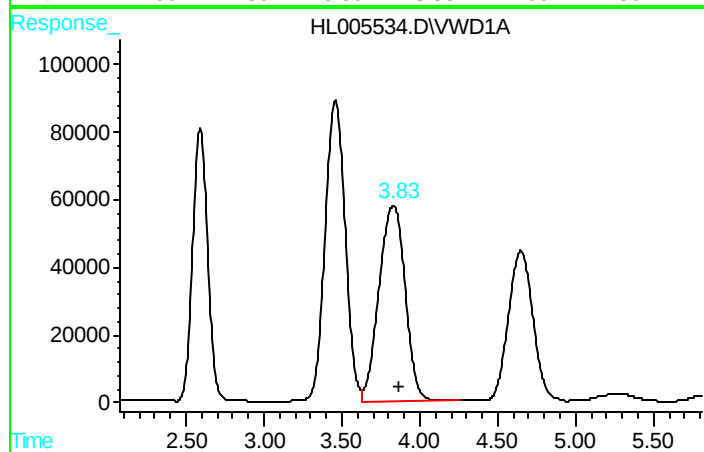
#5 1,3-Dinitrobenzene

R.T.: 3.459 min
Delta R.T.: -0.038 min
Response: 7984474
Conc: 511.03 ng/ml

Instrument :
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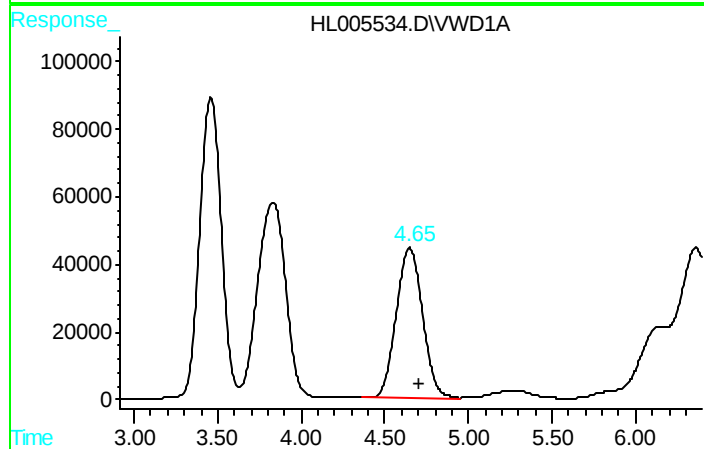
Manual Integrations
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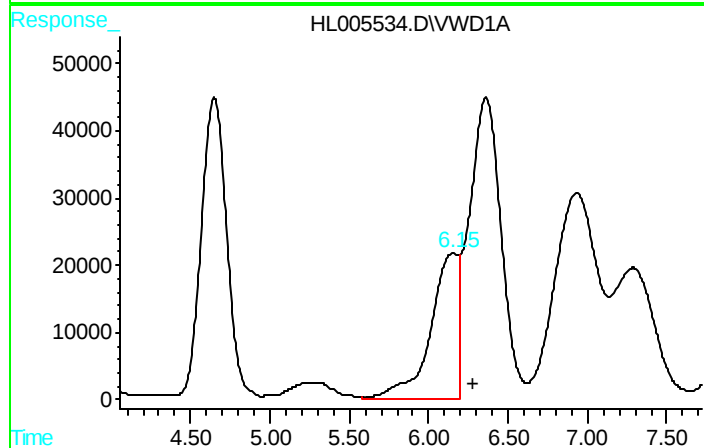
#6 3,5-Dinitroaniline

R.T.: 3.830 min
Delta R.T.: -0.040 min
Response: 6771481
Conc: 484.77 ug/L



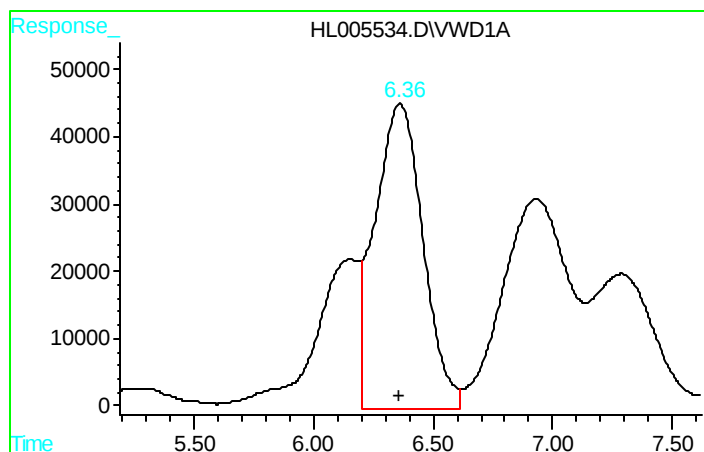
#7 Nitrobenzene

R.T.: 4.649 min
Delta R.T.: -0.052 min
Response: 4875953
Conc: 489.85 ug/L



#8 Tetryl

R.T.: 6.148 min
Delta R.T.: -0.132 min
Response: 2588169
Conc: 407.18 ug/L m



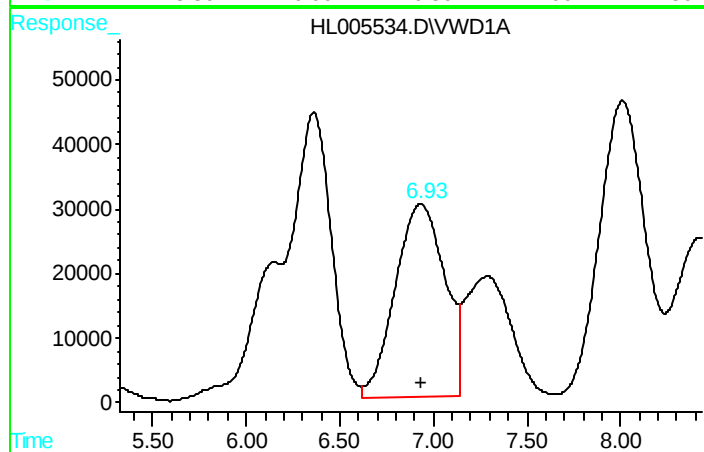
#9 2,4,6-Trinitrotoluene

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 6292242
Conc: 535.87 ug/L m

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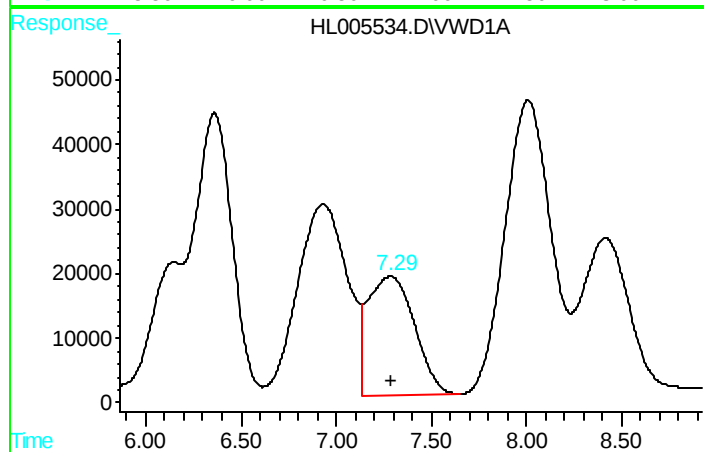
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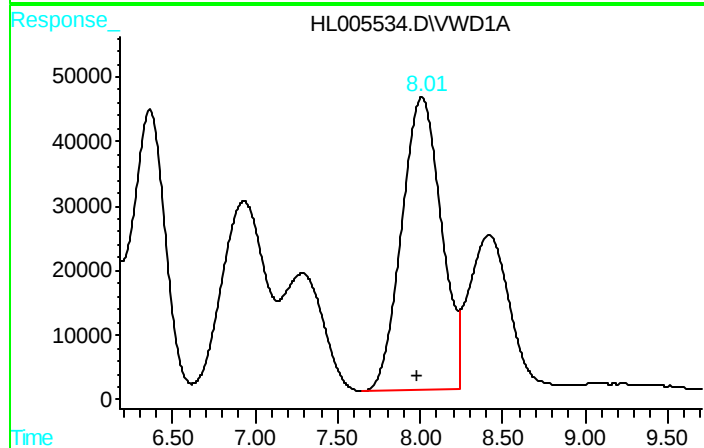
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 5486119
Conc: 466.63 ug/L



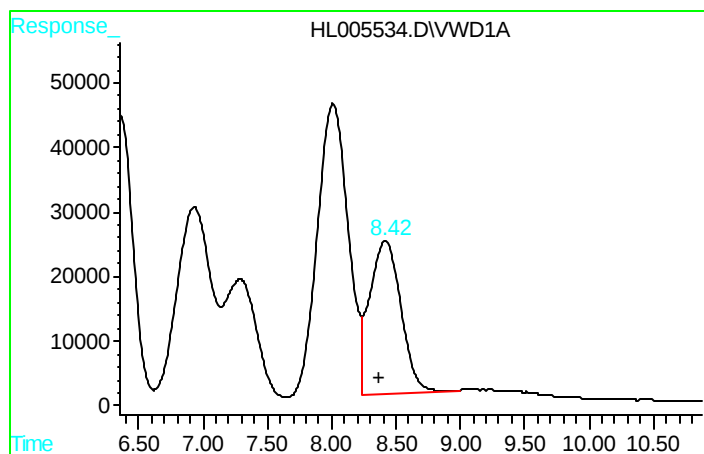
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 3143225
Conc: 485.22 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.010 min
Delta R.T.: 0.030 min
Response: 7546479
Conc: 504.17 ug/L



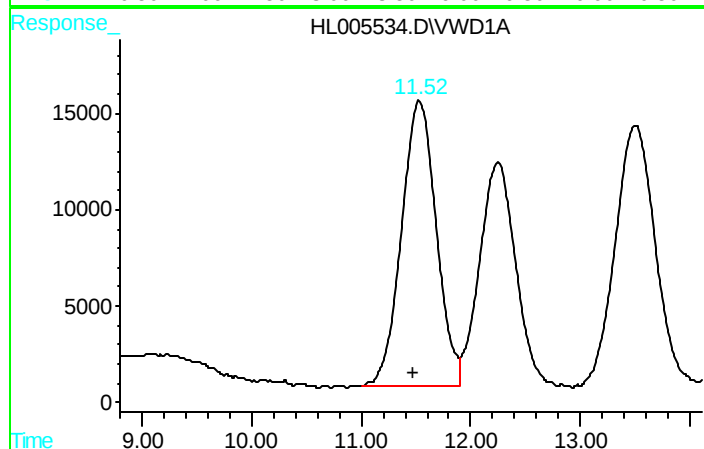
#13 2,6-Dinitrotoluene

R.T.: 8.418 min
Delta R.T.: 0.048 min
Response: 3985657
Conc: 476.46 ug/L

Instrument :
HPLC_L
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HSTDCCC0500

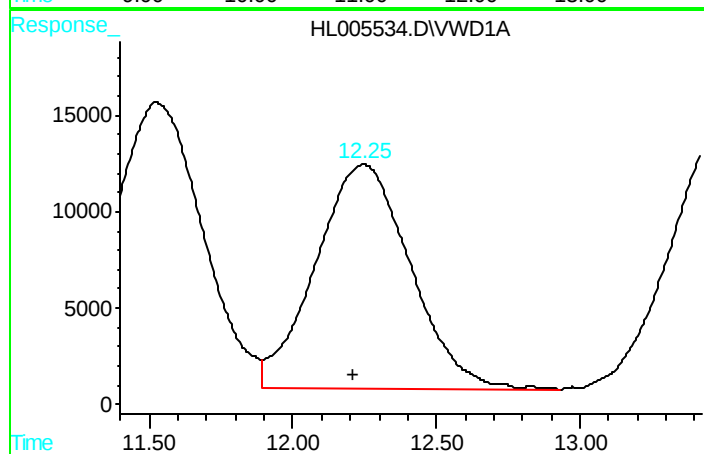
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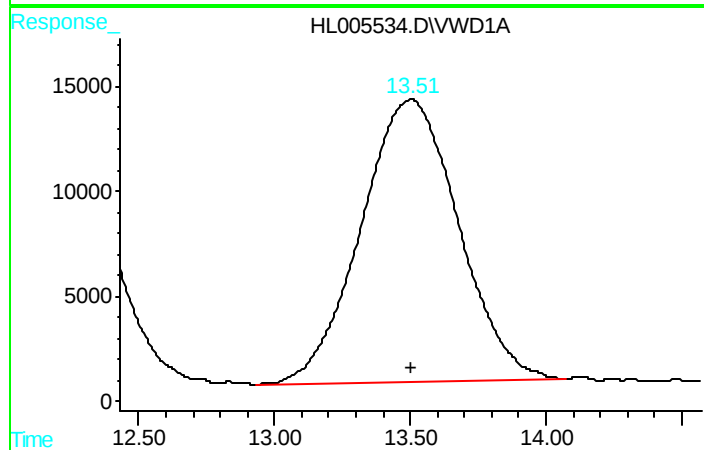
#14 2-Nitrotoluene

R.T.: 11.527 min
Delta R.T.: 0.047 min
Response: 3267694
Conc: 511.95 ug/L



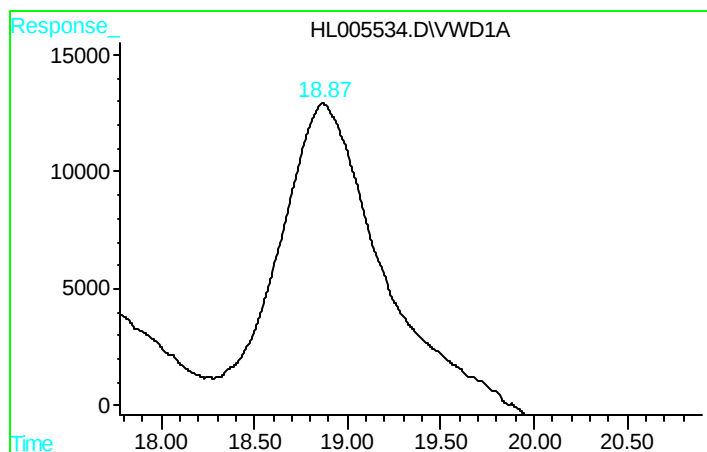
#15 4-Nitrotoluene

R.T.: 12.247 min
Delta R.T.: 0.037 min
Response: 2678654
Conc: 496.51 ug/L



#16 3-Nitrotoluene

R.T.: 13.504 min
Delta R.T.: 0.004 min
Response: 3347930
Conc: 481.76 ug/L



#17 PETN

R.T.: 18.867 min
Delta R.T.: 0.026 min
Response: 5221270
Conc: 563.27 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

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