

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070513\HL005517.D Vial: 1
 Acq On : 05-Jul-2013, 23:03 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 9 1:47 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/9/2013 4:22:36 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 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	1.36	2115950	522.475 ug/L
Target Compounds			
2) T HMX	0.91	2085595	452.764 ug/L
3) T RDX	1.77	2600496	515.379 ug/L
4) T 1,3,5-Trinitrobenzene	2.72	5589577	501.415 ug/L
5) T 1,3-Dinitrobenzene	3.64	8290143	530.592 ng/ml
6) T 3,5-Dinitroaniline	4.04	6832930	489.173 ug/L
7) T Nitrobenzene	4.89	4674169	469.575 ug/L m
8) T Tetryl	6.58	3113002	489.748 ug/L m
9) T 2,4,6-Trinitrotoluene	6.72	6370312	542.521 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.32	5101876	433.945 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.71	3286045	507.822 ug/L m
12) T 2,4-Dinitrotoluene	8.41	7532463	503.238 ug/L m
13) T 2,6-Dinitrotoluene	8.85	4291250	512.996 ug/L m
14) T 2-Nitrotoluene	12.15	2786290	436.532 ug/L m
15) T 4-Nitrotoluene	12.92	2434235	451.209 ug/L m
16) T 3-Nitrotoluene	14.25	3244617	466.892 ug/L m
17) T PETN	20.13	5149998	554.979 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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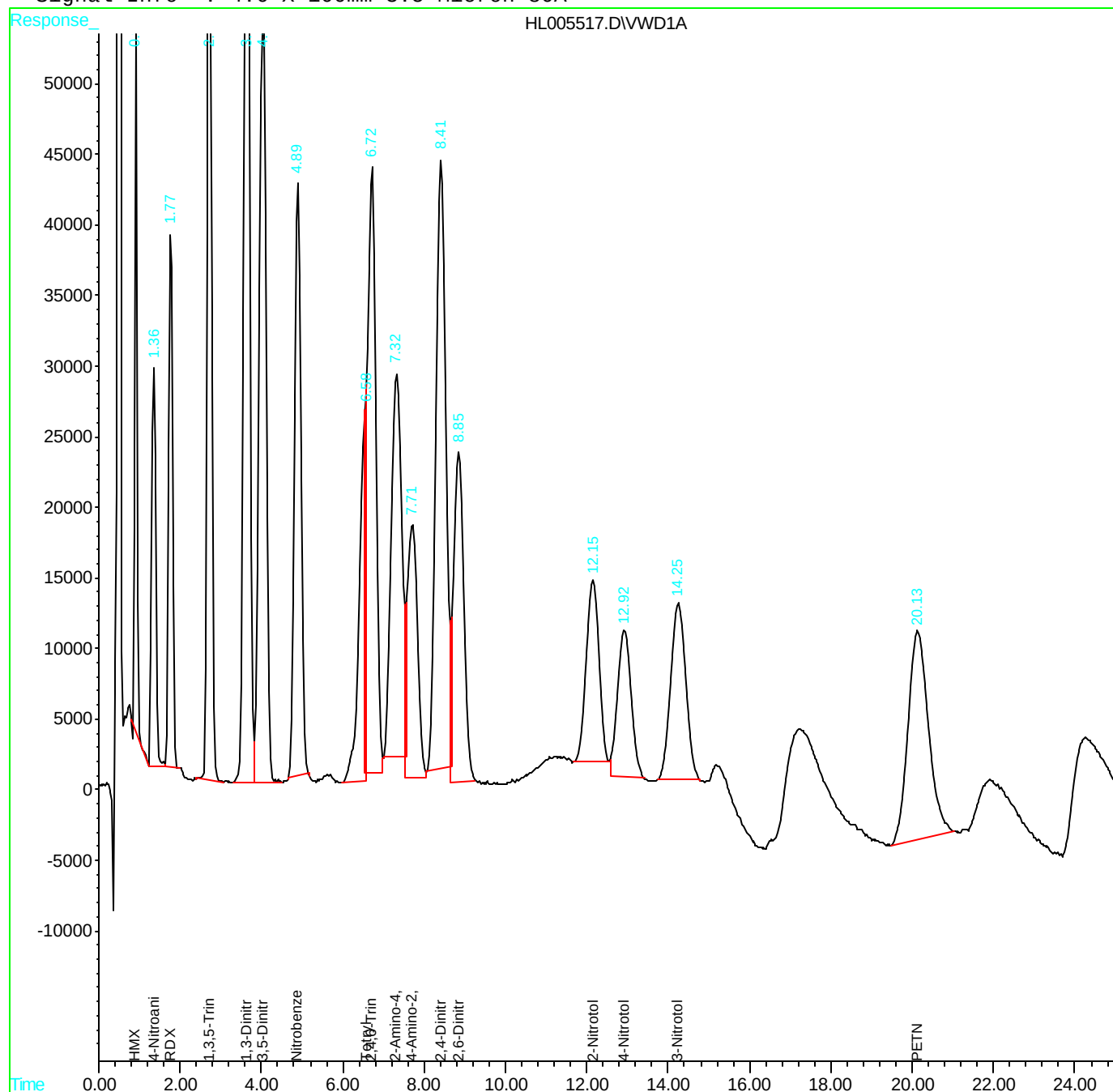
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

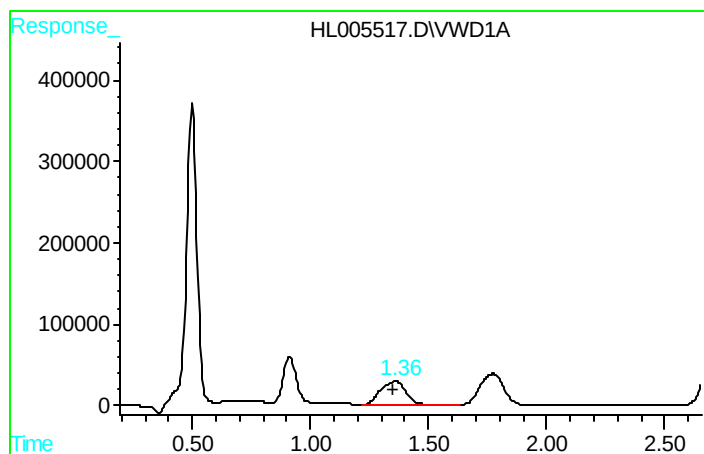
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 2013
 Response via : Multiple Level Calibration
 DataAcq Meth : 8330AGIP.M

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





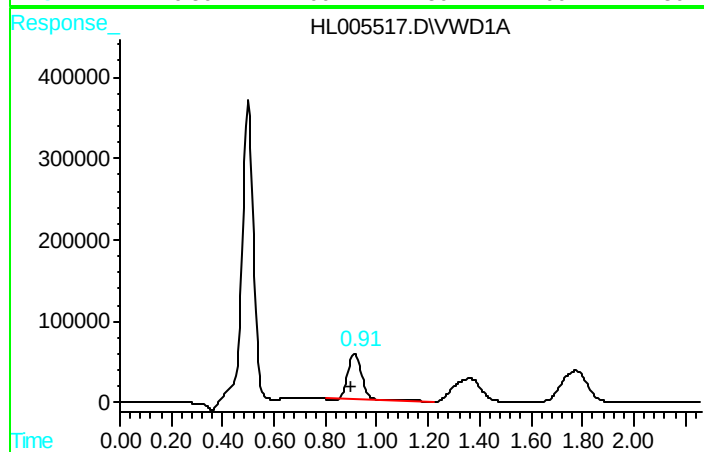
#1 4-Nitroaniline

R.T.: 1.360 min
Delta R.T.: 0.008 min
Response: 2115950
Conc: 522.48 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

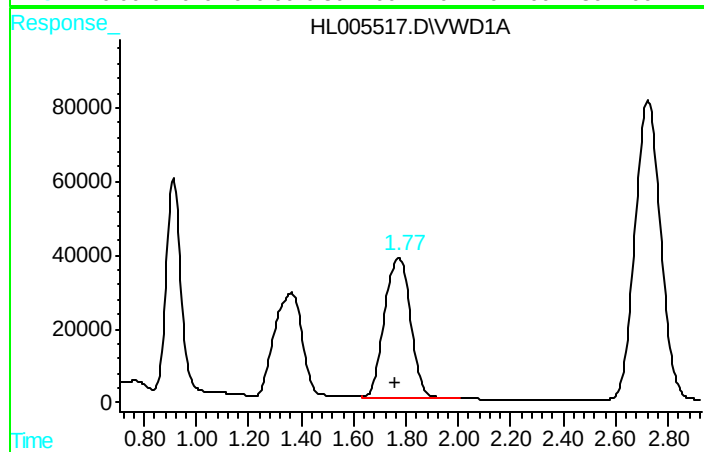
Manual Integrations
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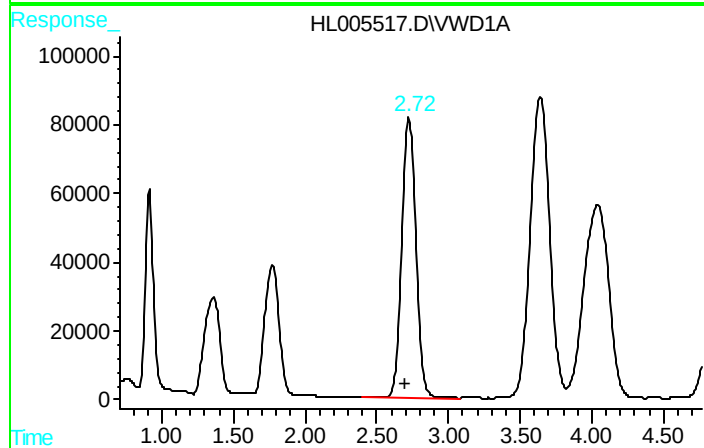
#2 HMX

R.T.: 0.914 min
Delta R.T.: 0.012 min
Response: 2085595
Conc: 452.76 ug/L



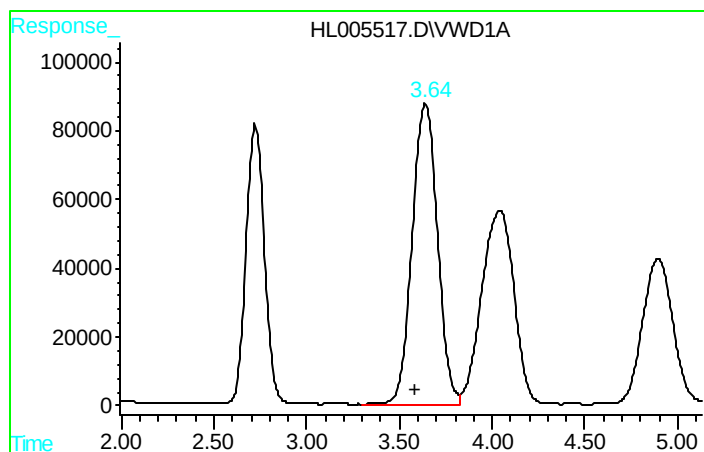
#3 RDX

R.T.: 1.772 min
Delta R.T.: 0.011 min
Response: 2600496
Conc: 515.38 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.724 min
Delta R.T.: 0.030 min
Response: 5589577
Conc: 501.42 ug/L



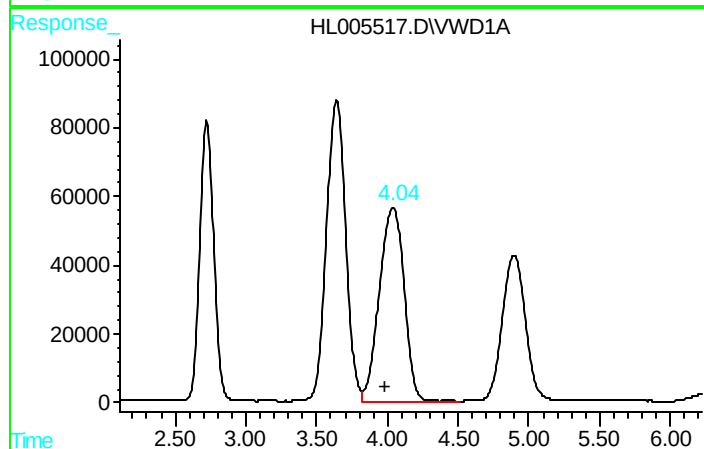
#5 1,3-Dinitrobenzene

R.T.: 3.640 min
Delta R.T.: 0.057 min
Response: 8290143
Conc: 530.59 ng/ml

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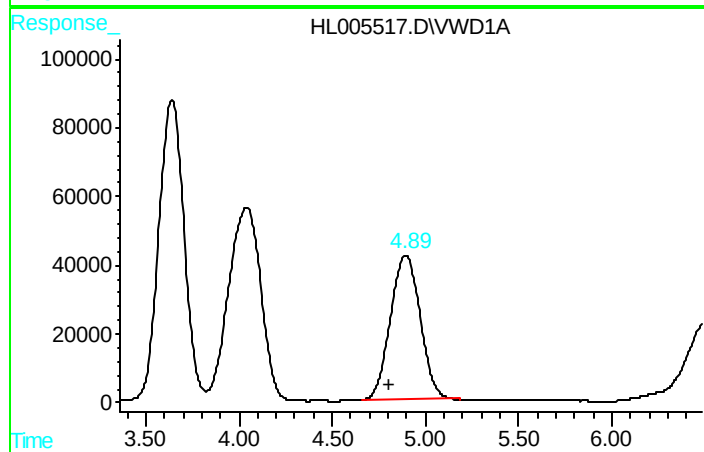
Manual Integrations
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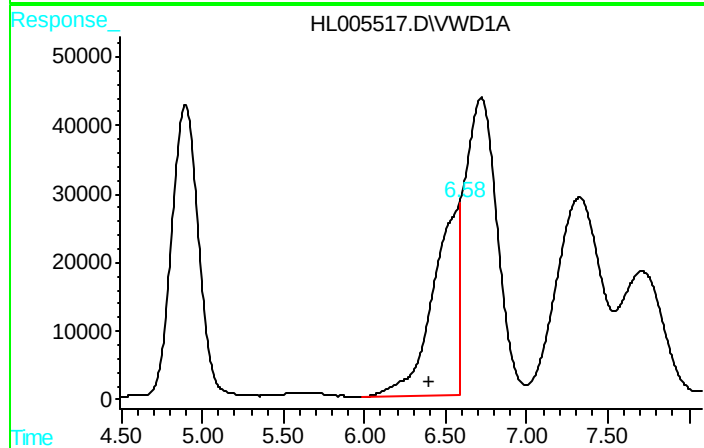
#6 3,5-Dinitroaniline

R.T.: 4.040 min
Delta R.T.: 0.058 min
Response: 6832930
Conc: 489.17 ug/L



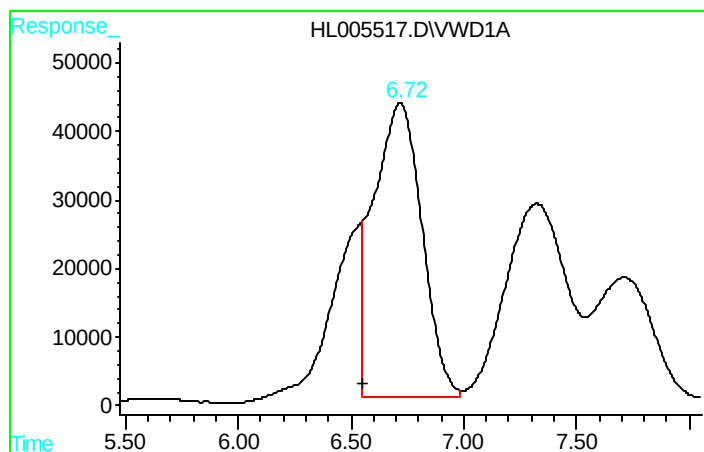
#7 Nitrobenzene

R.T.: 4.893 min
Delta R.T.: 0.090 min
Response: 4674169
Conc: 469.58 ug/L m



#8 Tetryl

R.T.: 6.581 min
Delta R.T.: 0.181 min
Response: 3113002
Conc: 489.75 ug/L m



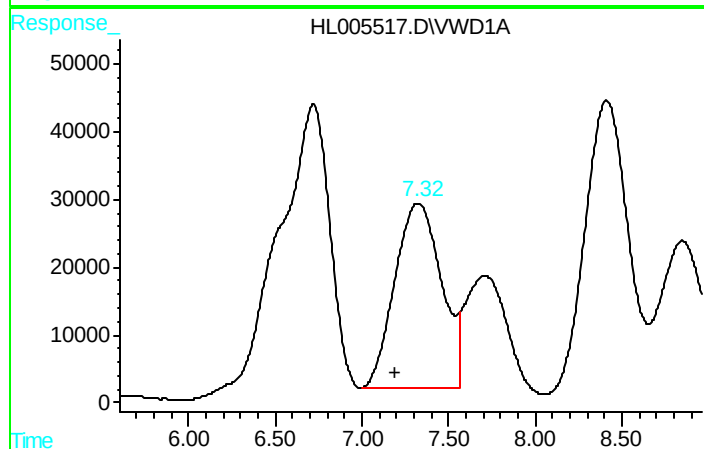
#9 2,4,6-Trinitrotoluene

R.T.: 6.717 min
Delta R.T.: 0.166 min
Response: 6370312
Conc: 542.52 ug/L m

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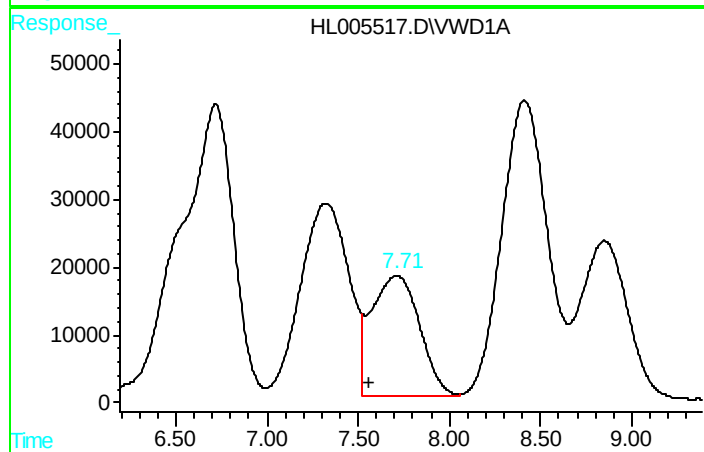
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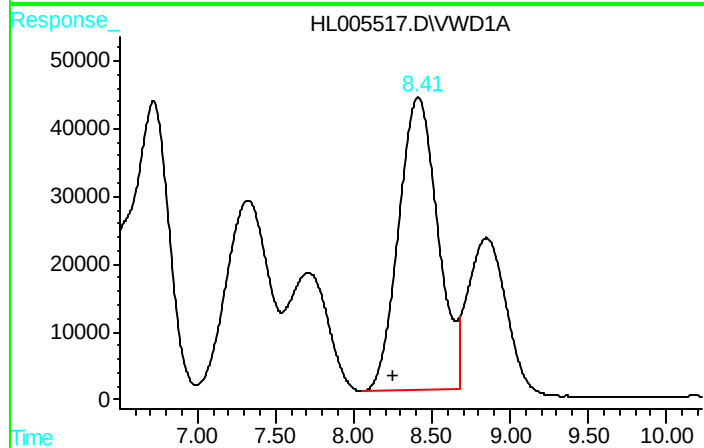
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.322 min
Delta R.T.: 0.132 min
Response: 5101876
Conc: 433.95 ug/L m



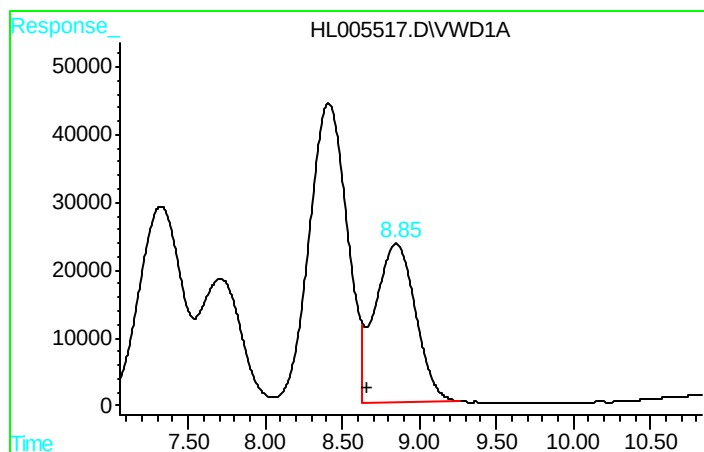
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.710 min
Delta R.T.: 0.150 min
Response: 3286045
Conc: 507.82 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.411 min
Delta R.T.: 0.160 min
Response: 7532463
Conc: 503.24 ug/L m



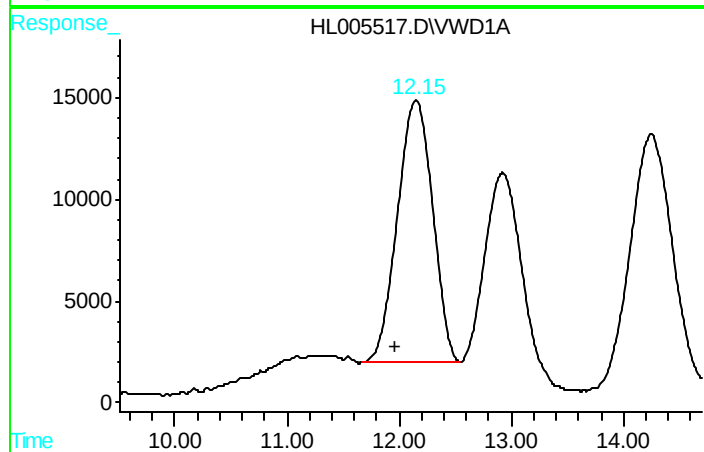
#13 2,6-Dinitrotoluene

R.T.: 8.847 min
Delta R.T.: 0.187 min
Response: 4291250
Conc: 513.00 ug/L m

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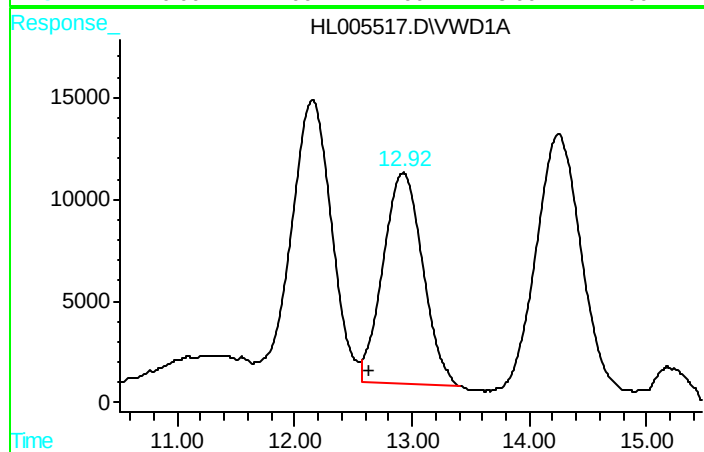
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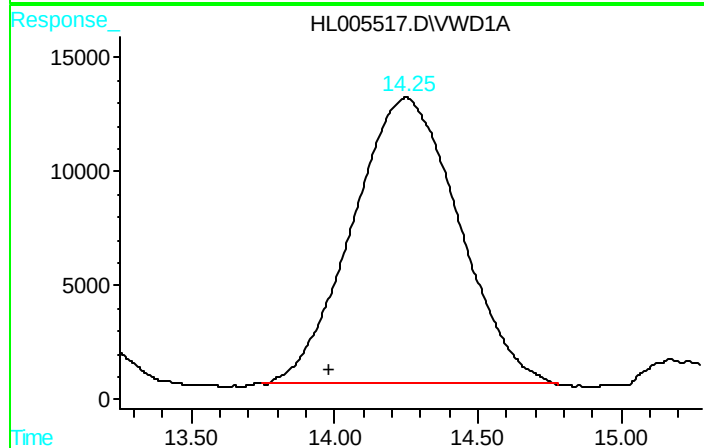
#14 2-Nitrotoluene

R.T.: 12.152 min
Delta R.T.: 0.192 min
Response: 2786290
Conc: 436.53 ug/L m



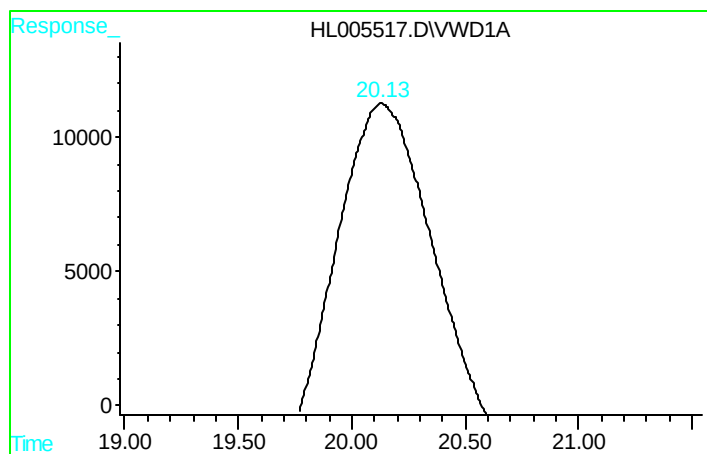
#15 4-Nitrotoluene

R.T.: 12.924 min
Delta R.T.: 0.287 min
Response: 2434235
Conc: 451.21 ug/L m



#16 3-Nitrotoluene

R.T.: 14.249 min
Delta R.T.: 0.269 min
Response: 3244617
Conc: 466.89 ug/L m



#17 PETN

R.T.: 20.131 min
Delta R.T.: 0.531 min
Response: 5149998
Conc: 554.98 ug/L m

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