

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005605.D Vial: 6
 Acq On : 21-Oct-2013, 16:47 Operator: QM
 Sample : HSTDICC0020 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 6:04 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0020

Manual Integrations
 APPROVED

QI
 10/22/2013 11:55:02 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 05:29:28 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	1.64	60829	13.438 ug/L m
Target Compounds			
2) T HMX	1.06	120015	27.280 ug/L
3) T RDX	2.14	105084	18.513 ug/L m
4) T 1,3,5-Trinitrobenzene	3.40	241802	20.555 ug/L
5) T 1,3-Dinitrobenzene	4.59	351135	19.715 ng/mlm
6) T 3,5-Dinitroaniline	5.15	296358	21.610 ug/L m
7) T Nitrobenzene	6.19	200988	18.166 ug/L m
8) T Tetryl	8.97	152337	25.438 ug/L m
9) T 2,4,6-Trinitrotoluene	8.99	182136	13.925 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.89	194432	16.125 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	10.51	128629	22.847 ug/L m
12) T 2,4-Dinitrotoluene	11.28	229400	13.950 ug/L m
13) T 2,6-Dinitrotoluene	11.86	98629	13.213 ug/L m
14) T 2-Nitrotoluene	16.34	431575	46.597 ug/L m
17) T PETN	21.59f	1887818	130.738 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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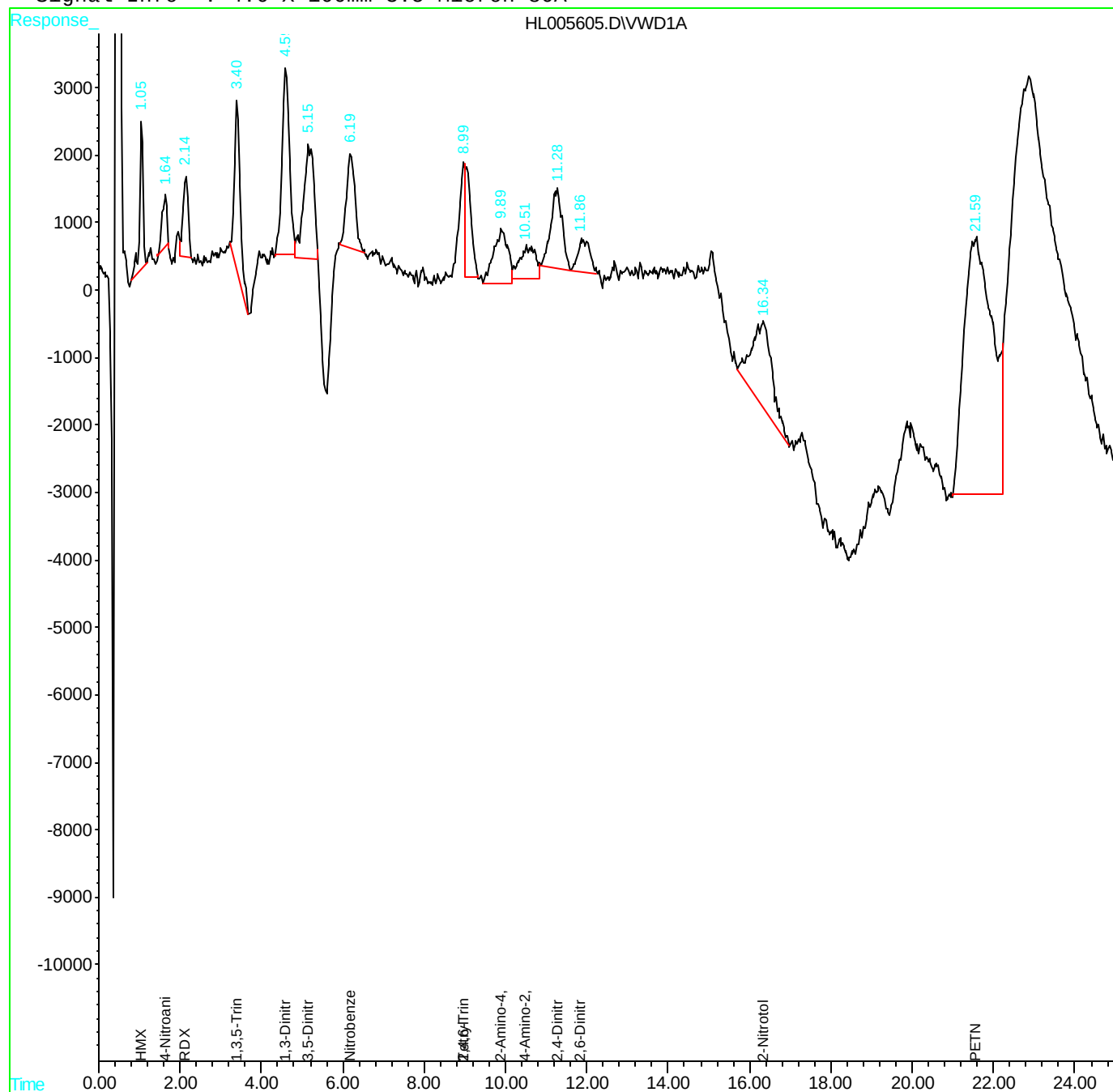
Instrument :
HPLC_L
LabSampleId :
HSTDICC0020

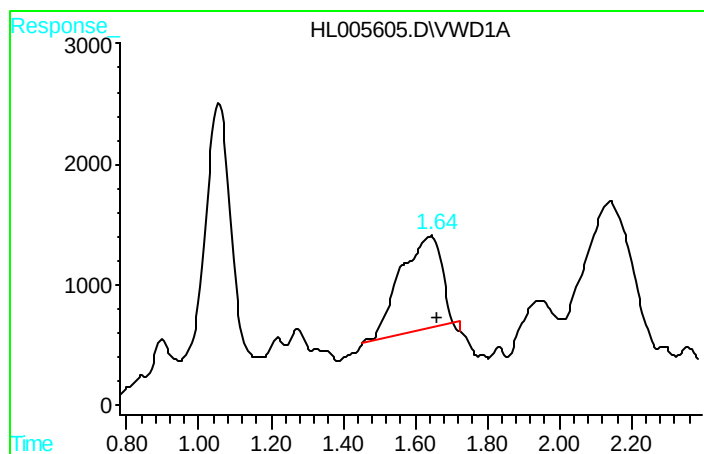
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10/22/2013 11:55:02 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
Title :
Last Update : Tue Oct 22 05:29:28 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





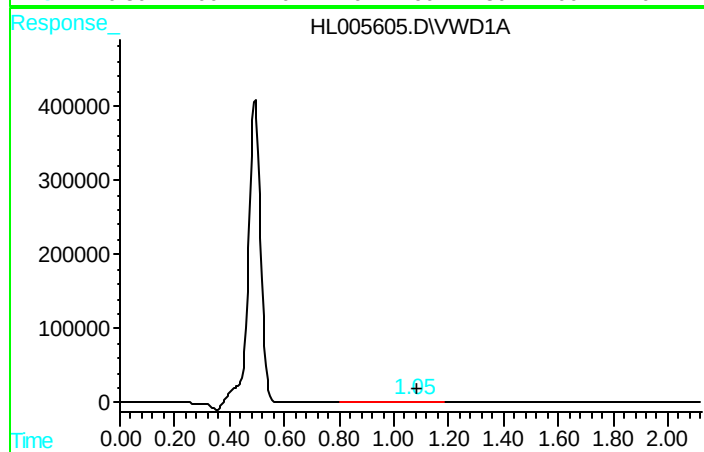
#1 4-Nitroaniline

R.T.: 1.644 min
Delta R.T.: -0.015 min
Response: 60829
Conc: 13.44 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDICC0020

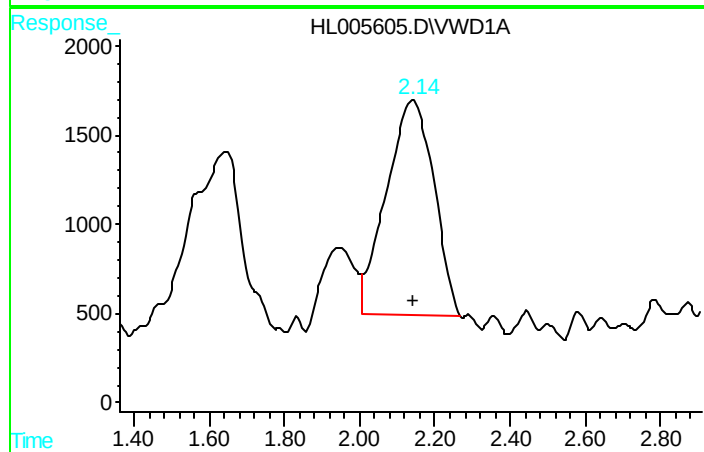
Manual Integrations
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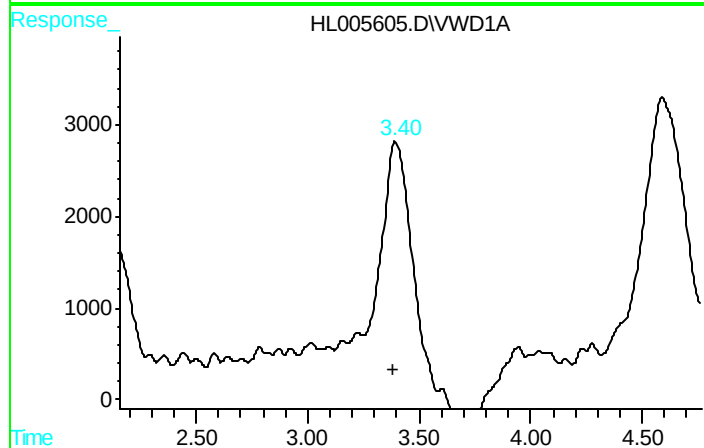
#2 HMX

R.T.: 1.056 min
Delta R.T.: -0.032 min
Response: 120015
Conc: 27.28 ug/L



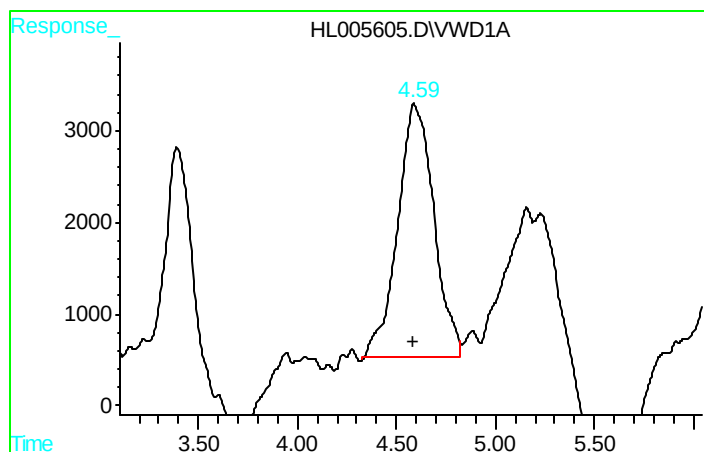
#3 RDX

R.T.: 2.141 min
Delta R.T.: -0.003 min
Response: 105084
Conc: 18.51 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.396 min
Delta R.T.: 0.011 min
Response: 241802
Conc: 20.56 ug/L



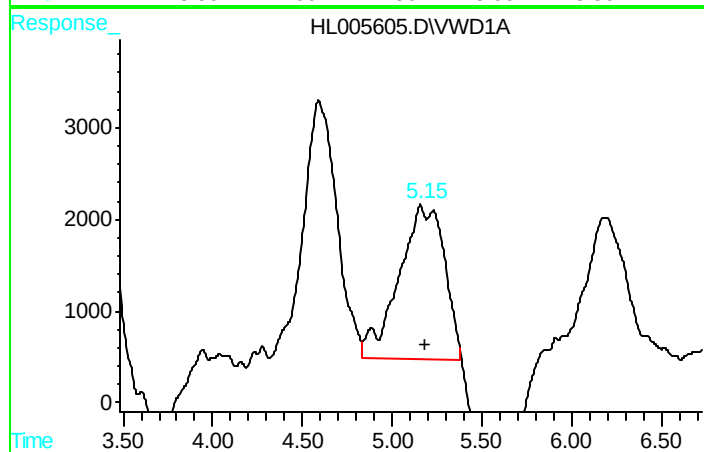
#5 1,3-Dinitrobenzene

R.T.: 4.588 min
Delta R.T.: 0.001 min
Response: 351135
Conc: 19.71 ng/ml

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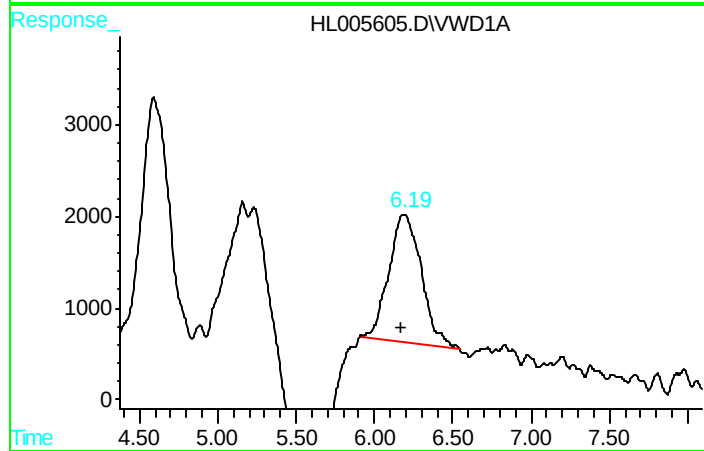
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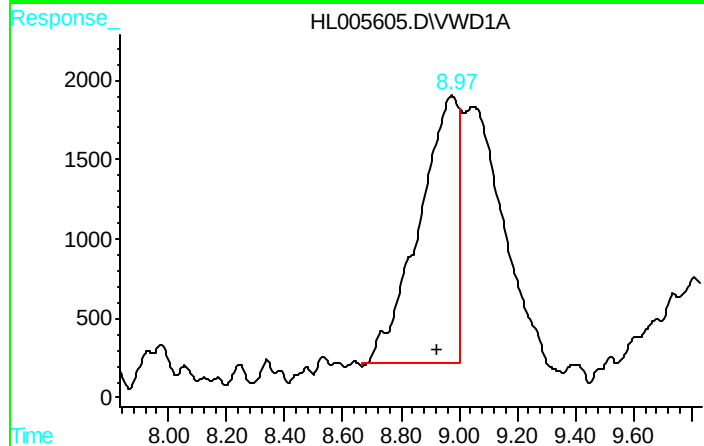
#6 3,5-Dinitroaniline

R.T.: 5.155 min
Delta R.T.: -0.024 min
Response: 296358
Conc: 21.61 ug/L m



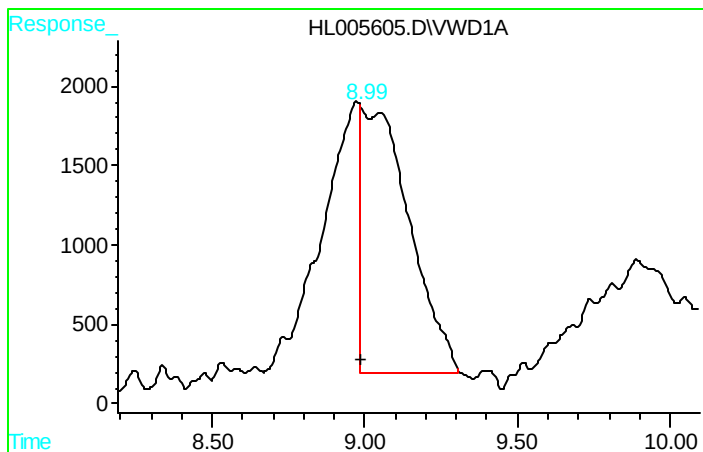
#7 Nitrobenzene

R.T.: 6.193 min
Delta R.T.: 0.030 min
Response: 200988
Conc: 18.17 ug/L m



#8 Tetryl

R.T.: 8.974 min
Delta R.T.: 0.050 min
Response: 152337
Conc: 25.44 ug/L m



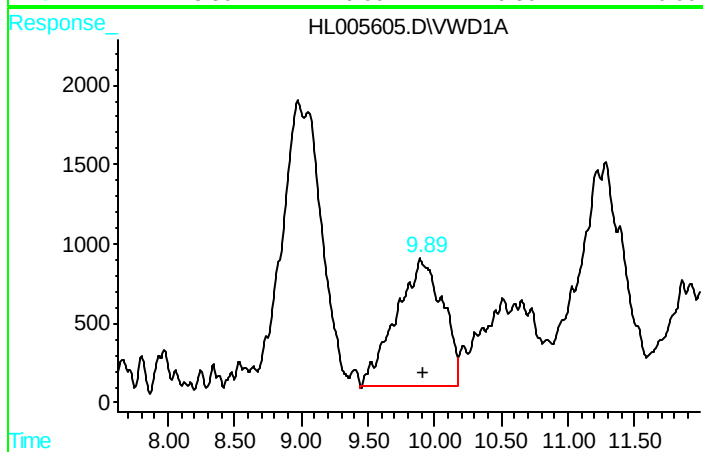
#9 2,4,6-Trinitrotoluene

R.T.: 8.986 min
Delta R.T.: -0.003 min
Response: 182136
Conc: 13.93 ug/L m

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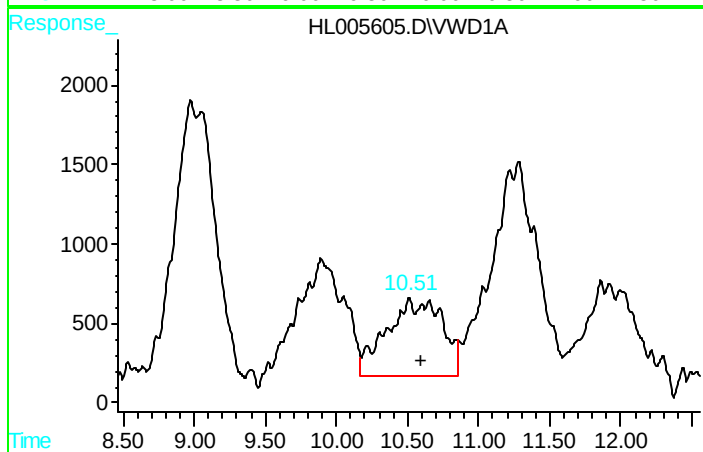
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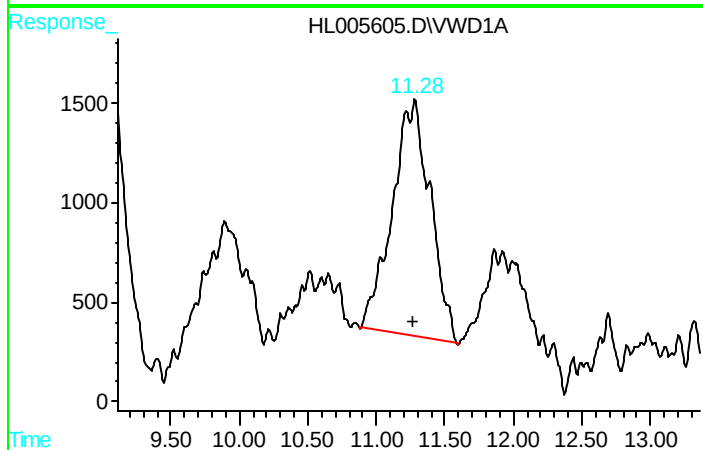
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.890 min
Delta R.T.: -0.027 min
Response: 194432
Conc: 16.13 ug/L m



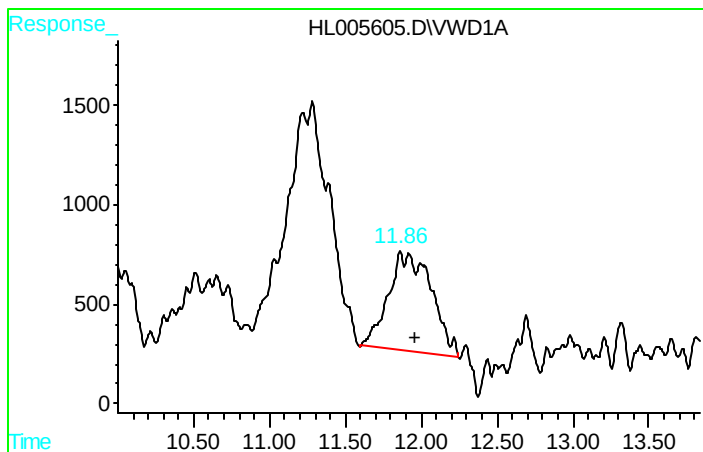
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.512 min
Delta R.T.: -0.087 min
Response: 128629
Conc: 22.85 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.281 min
Delta R.T.: 0.016 min
Response: 229400
Conc: 13.95 ug/L m



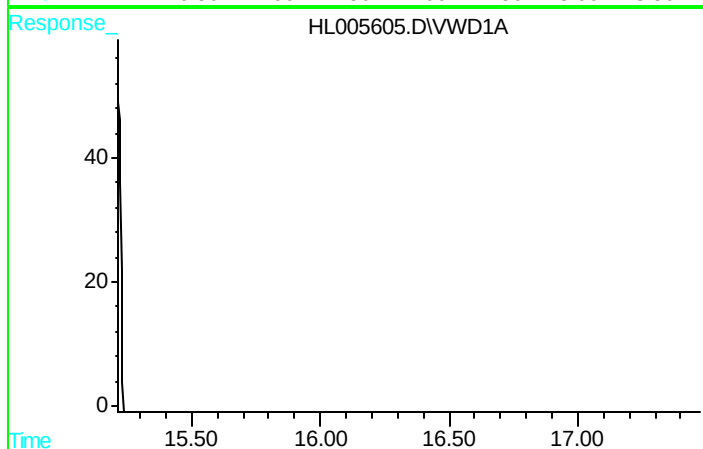
#13 2,6-Dinitrotoluene

R.T.: 11.857 min
Delta R.T.: -0.101 min
Response: 98629
Conc: 13.21 ug/L m

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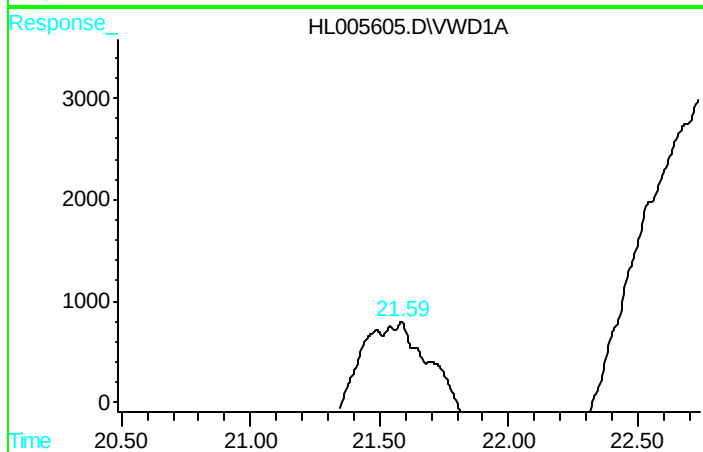
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#14 2-Nitrotoluene

R.T.: 16.345 min
Delta R.T.: -0.021 min
Response: 431575
Conc: 46.60 ug/L m



#17 PETN

R.T.: 21.585 min
Delta R.T.: -0.792 min
Response: 1887818
Conc: 130.74 ug/L m