

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005604.D Vial: 5
 Acq On : 21-Oct-2013, 16:20 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 6:01 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

QI
 10/22/2013 11:55:13 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	445698	98.464 ug/L
Target Compounds			
2) T HMX	1.07	412427	93.748 ug/L
3) T RDX	2.16	544096	95.854 ug/L m
4) T 1,3,5-Trinitrobenzene	3.41	1060041	90.113 ug/L m
5) T 1,3-Dinitrobenzene	4.59	1720778	96.615 ng/mlm
6) T 3,5-Dinitroaniline	5.17	1355039	98.810 ug/L m
7) T Nitrobenzene	6.16	961456	86.901 ug/L m
8) T Tetryl	8.94	622341	103.923 ug/L m
9) T 2,4,6-Trinitrotoluene	8.99	1303106	99.631 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.91	1052326	87.275 ug/L
11) T 4-Amino-2,6-dinitrotoluene	10.63	633994	112.608 ug/L m
12) T 2,4-Dinitrotoluene	11.29	1575309	95.793 ug/L
13) T 2,6-Dinitrotoluene	11.97	812539	108.851 ug/L
14) T 2-Nitrotoluene	16.51	3274127	353.503 ug/L m
15) T 4-Nitrotoluene	17.33	2230743	309.827 ug/L m
16) T 3-Nitrotoluene	19.23	892814	87.389 ug/L m
17) T PETN	21.09f	2461060	170.436 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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Sample : HSTDICC0100 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : AUTOINT1.E
Quant Time: Oct 22 6:01 2013 Quant Results File: HL102113.RES

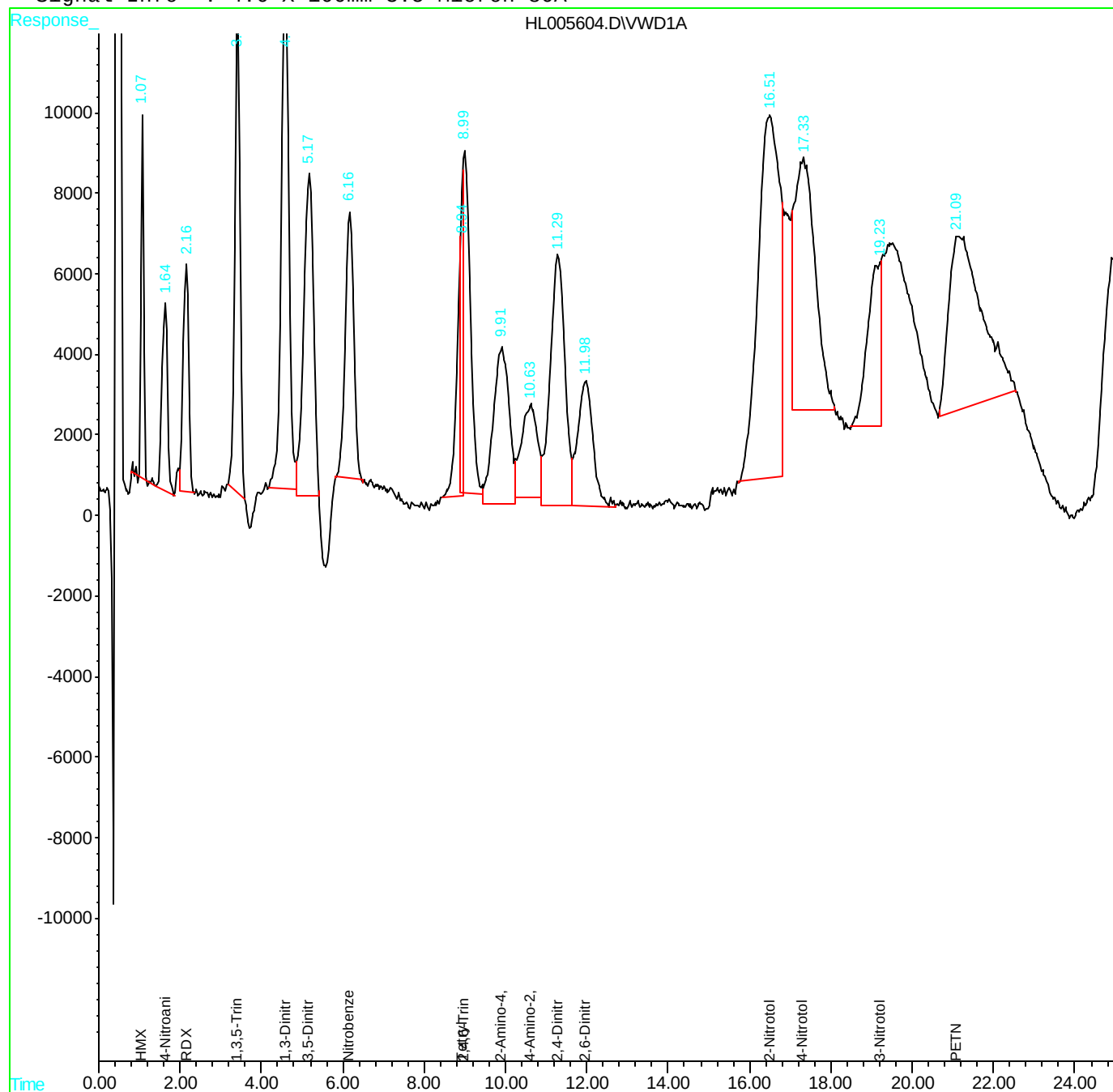
Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

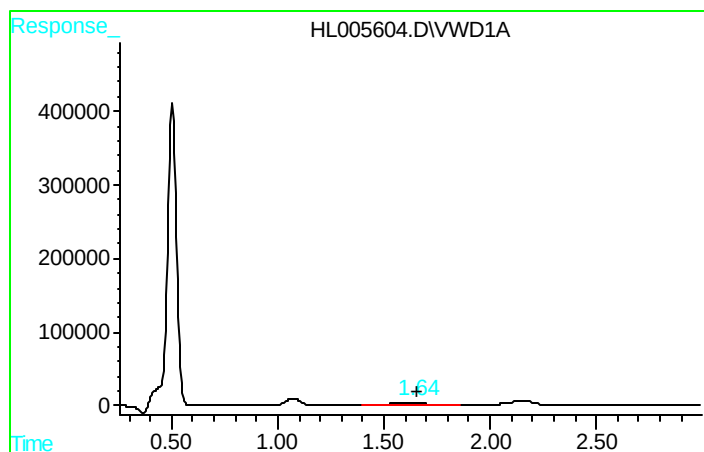
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Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
Title :
Last Update : Tue Oct 22 05:29:28 2013
Response via : Multiple Level Calibration
DataAcq Meth : 8330AGIP.M

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





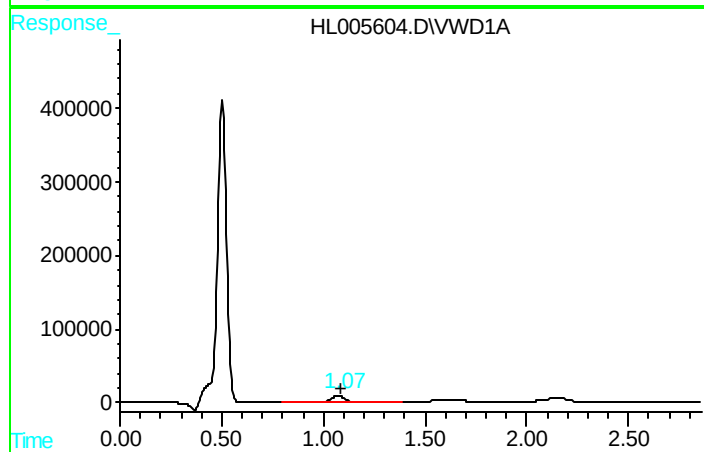
#1 4-Nitroaniline

R.T.: 1.638 min
Delta R.T.: -0.021 min
Response: 445698
Conc: 98.46 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC00100

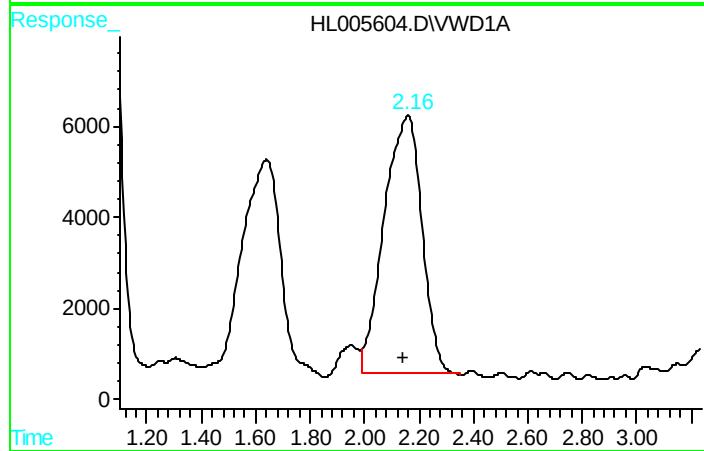
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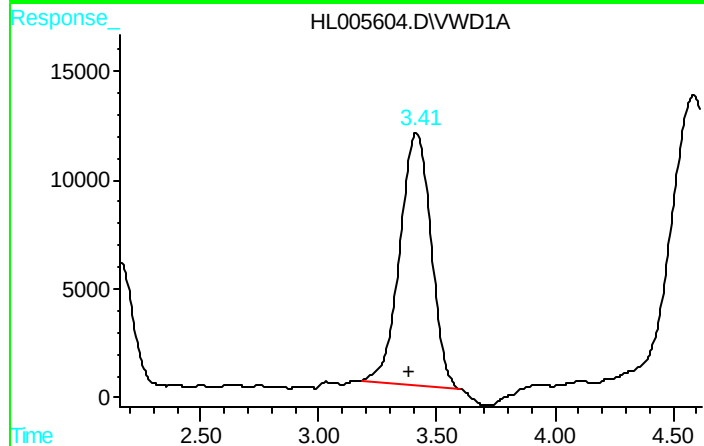
#2 HMX

R.T.: 1.074 min
Delta R.T.: -0.014 min
Response: 412427
Conc: 93.75 ug/L



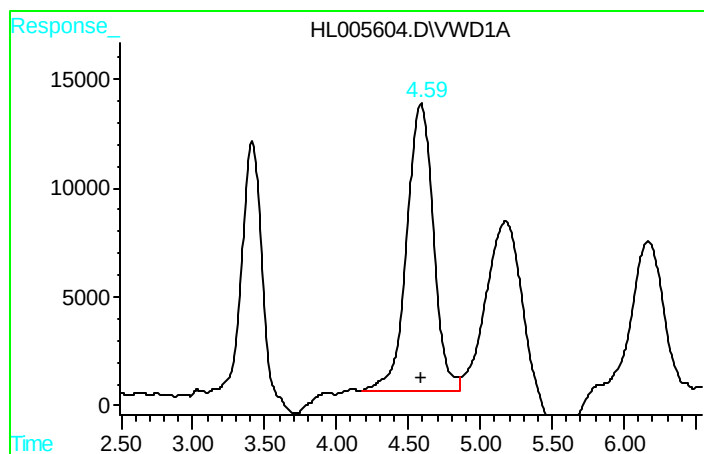
#3 RDX

R.T.: 2.158 min
Delta R.T.: 0.014 min
Response: 544096
Conc: 95.85 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 3.410 min
Delta R.T.: 0.025 min
Response: 1060041
Conc: 90.11 ug/L m



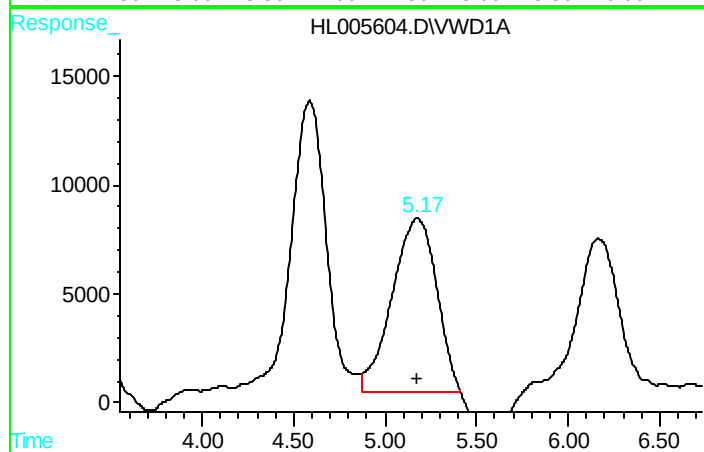
#5 1,3-Dinitrobenzene

R.T.: 4.586 min
Delta R.T.: -0.001 min
Response: 1720778
Conc: 96.62 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDIC0100

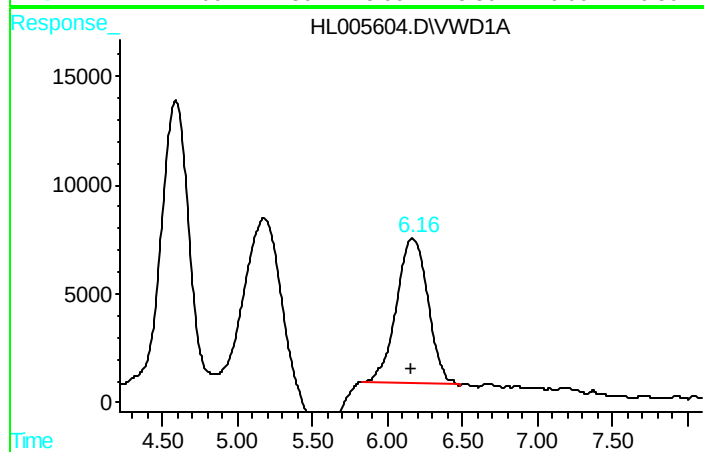
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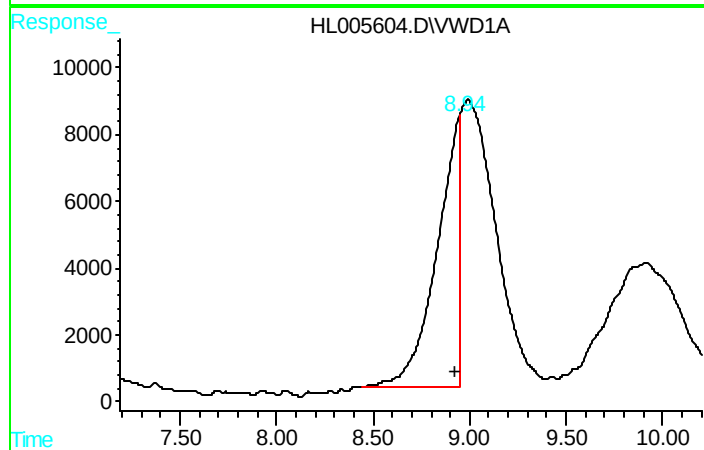
#6 3,5-Dinitroaniline

R.T.: 5.174 min
Delta R.T.: -0.005 min
Response: 1355039
Conc: 98.81 ug/L m



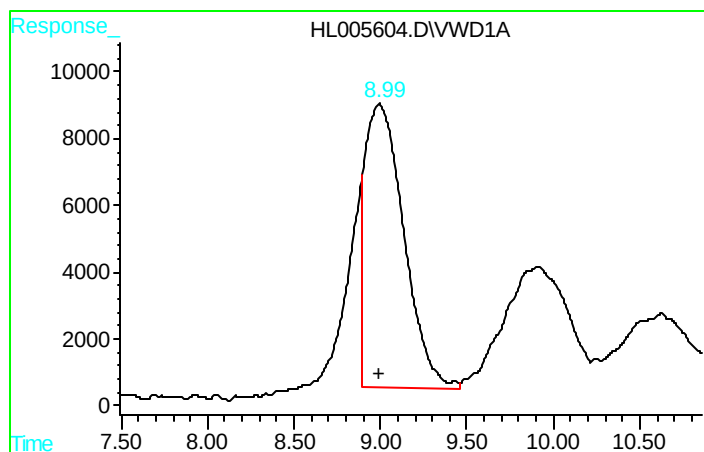
#7 Nitrobenzene

R.T.: 6.165 min
Delta R.T.: 0.001 min
Response: 961456
Conc: 86.90 ug/L m



#8 Tetryl

R.T.: 8.943 min
Delta R.T.: 0.019 min
Response: 622341
Conc: 103.92 ug/L m



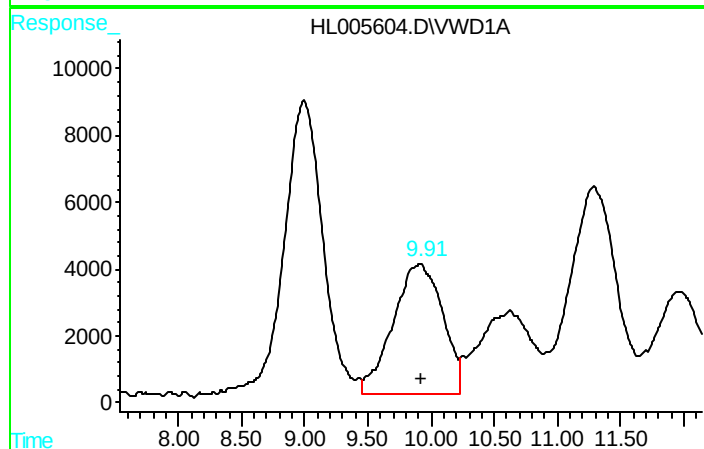
#9 2,4,6-Trinitrotoluene

R.T.: 8.992 min
Delta R.T.: 0.003 min
Response: 1303106
Conc: 99.63 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDIC00100

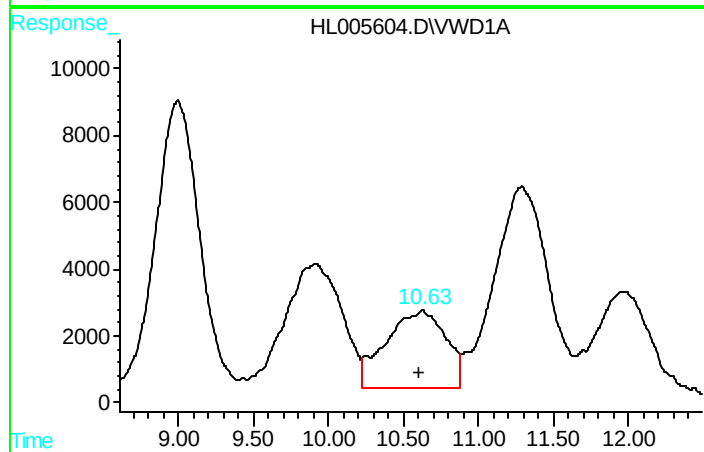
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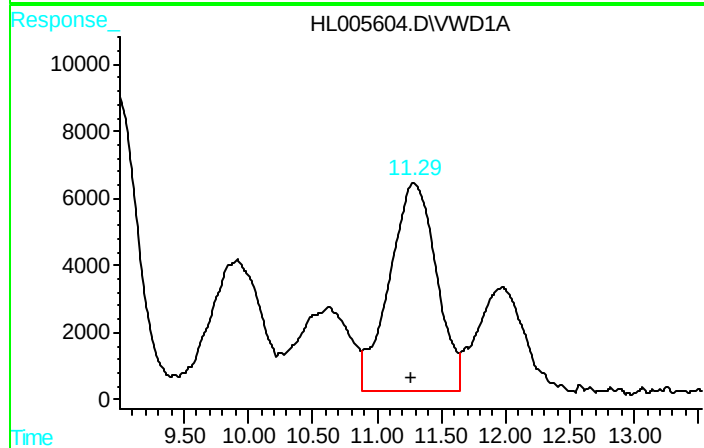
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.912 min
Delta R.T.: -0.005 min
Response: 1052326
Conc: 87.27 ug/L



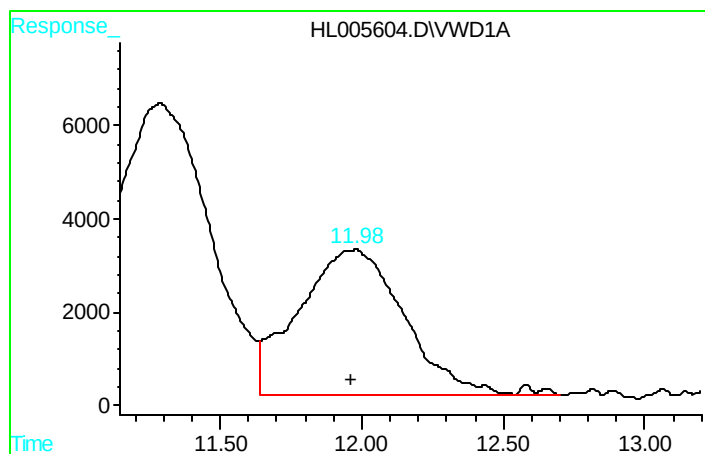
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.626 min
Delta R.T.: 0.027 min
Response: 633994
Conc: 112.61 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.285 min
Delta R.T.: 0.020 min
Response: 1575309
Conc: 95.79 ug/L



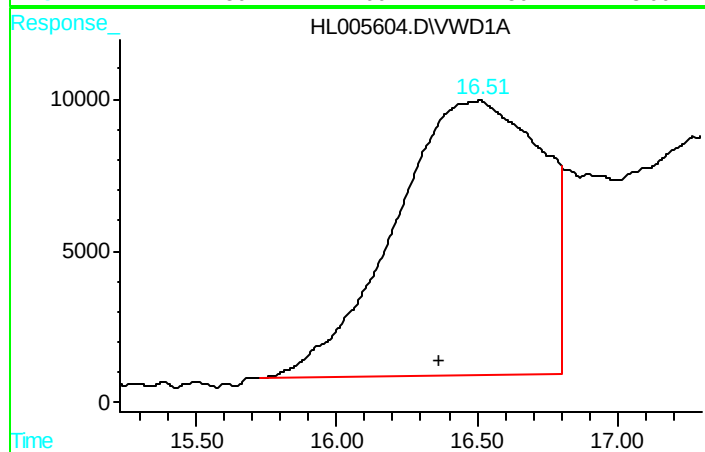
#13 2,6-Dinitrotoluene

R.T.: 11.974 min
Delta R.T.: 0.016 min
Response: 812539
Conc: 108.85 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDIC0100

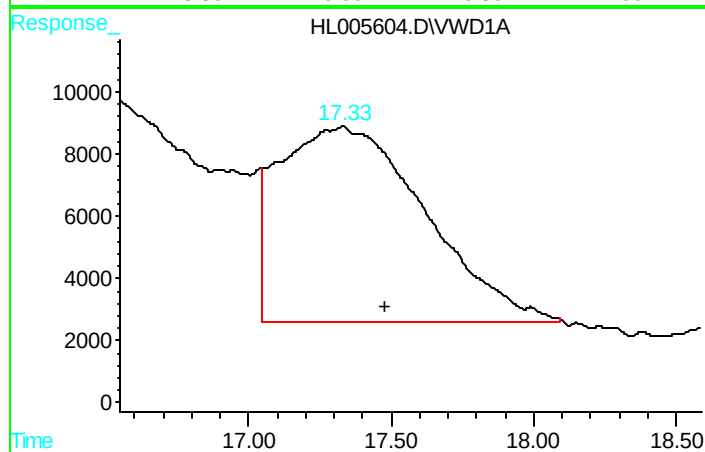
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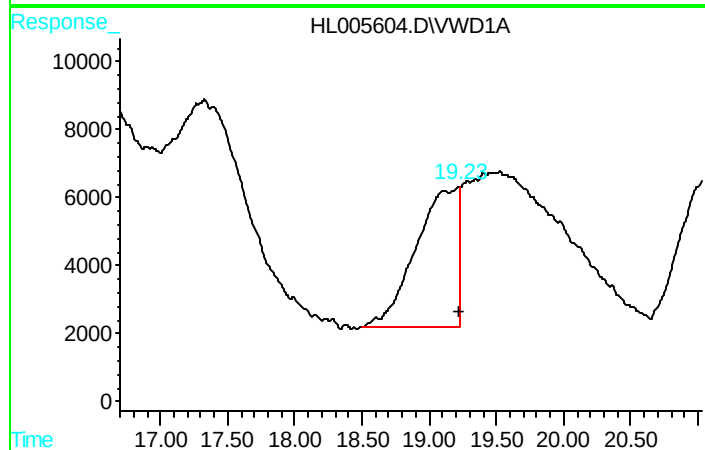
#14 2-Nitrotoluene

R.T.: 16.510 min
Delta R.T.: 0.145 min
Response: 3274127
Conc: 353.50 ug/L m



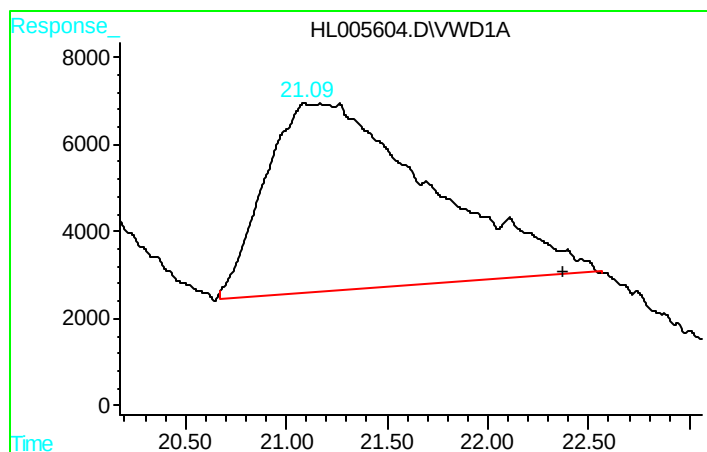
#15 4-Nitrotoluene

R.T.: 17.331 min
Delta R.T.: -0.149 min
Response: 2230743
Conc: 309.83 ug/L m



#16 3-Nitrotoluene

R.T.: 19.228 min
Delta R.T.: 0.005 min
Response: 892814
Conc: 87.39 ug/L m



#17 PETN

R.T.: 21.090 min
Delta R.T.: -1.287 min
Response: 2461060
Conc: 170.44 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDIC00100

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