

Data File : S:\HPCHEM1\HPLC_L\DATA\HL102113\HL005606.D Vial: 7
 Acq On : 21-Oct-2013, 17:14 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : AUTOINT1.E
 Quant Time: Oct 22 6:52 2013 Quant Results File: HL102113.RES

Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL102113

Manual Integrations
 APPROVED

QI
 10/22/2013 11:55:00 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 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	1.67	2197411	558.090 ug/L
Target Compounds			
2) T HMX	1.09	2203063	489.195 ug/L
3) T RDX	2.16	2694737	501.177 ug/L
4) T 1,3,5-Trinitrobenzene	3.39	5918453	537.105 ug/L
5) T 1,3-Dinitrobenzene	4.54	9633915	536.205 ng/ml
6) T 3,5-Dinitroaniline	5.12	7363829	523.756 ug/L
7) T Nitrobenzene	6.11	5059942	473.692 ug/L m
8) T Tetryl	8.92	3746657	594.391 ug/L m
9) T 2,4,6-Trinitrotoluene	8.97	5565330	480.344 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	9.91	6004420	567.078 ug/L
11) T 4-Amino-2,6-dinitrotoluene	10.61	3209533	521.054 ug/L m
12) T 2,4-Dinitrotoluene	11.28	8468735	560.986 ug/L
13) T 2,6-Dinitrotoluene	11.95	4358042	611.044 ug/L
14) T 2-Nitrotoluene	16.32	13192675	732.307 ug/L
15) T 4-Nitrotoluene	17.44	6825445	524.096 ug/L m
16) T 3-Nitrotoluene	19.19	11295778	591.653 ug/L m
17) T PETN	22.72	2454941	110.988 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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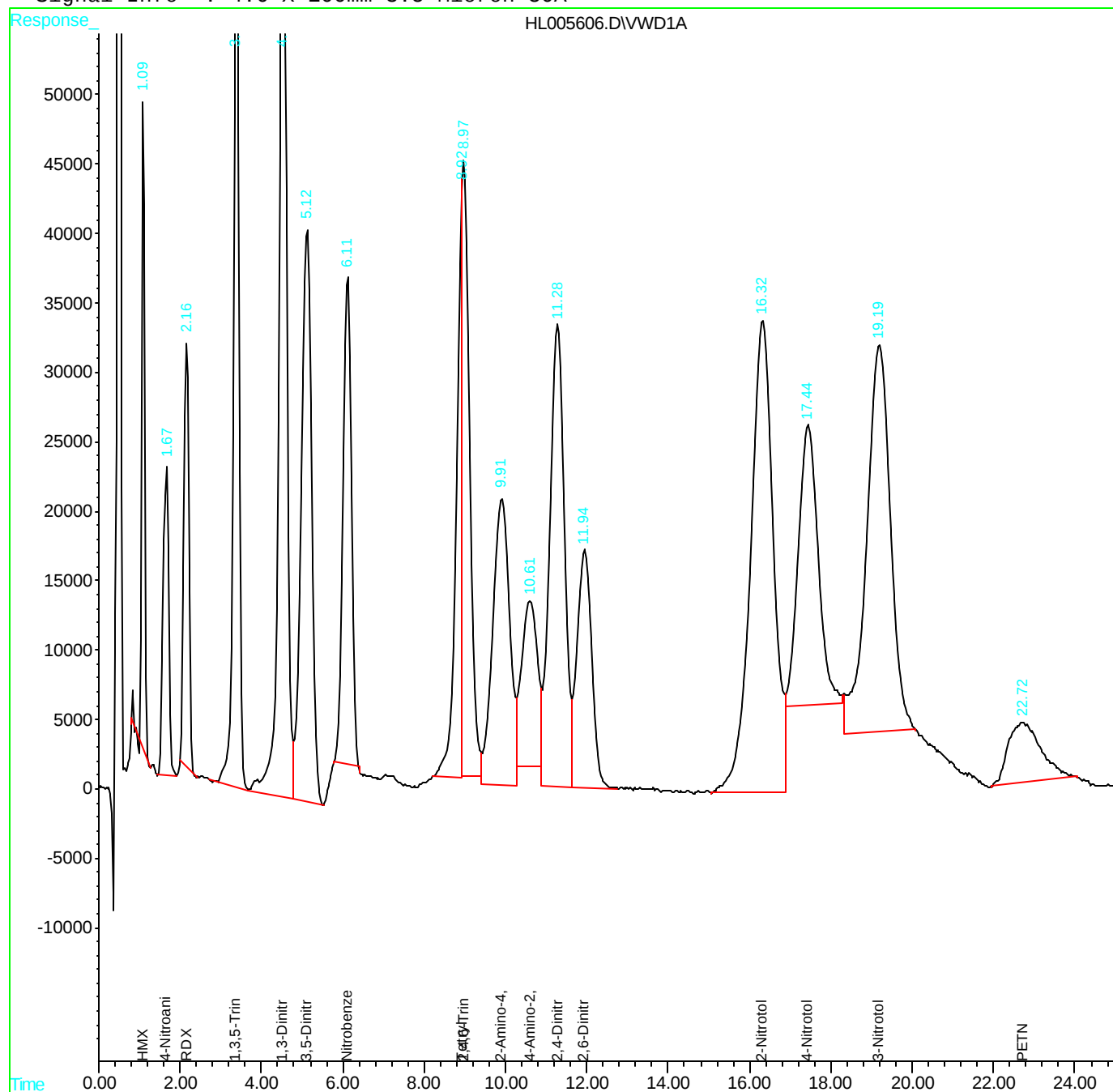
Instrument :
 HPLC_L
 ClientSampled :
 CVHL102113

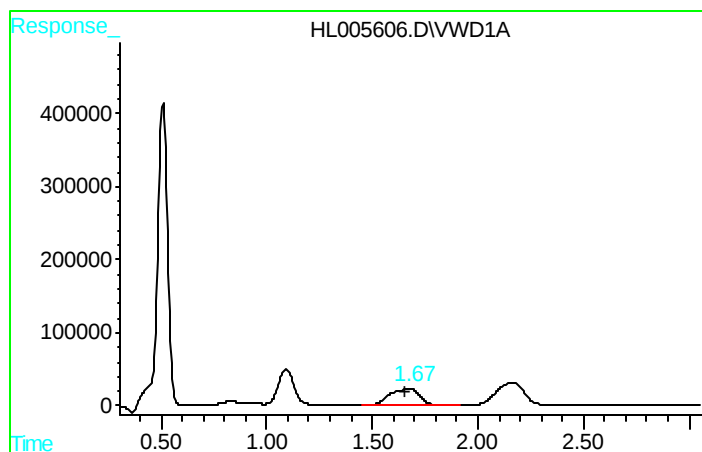
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 10/22/2013 11:55:00 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL102113.M
 Title :
 Last Update : Tue Oct 22 06:43:54 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





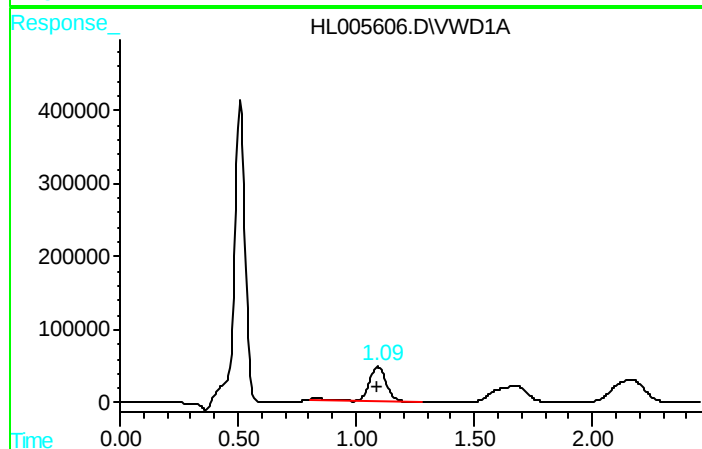
#1 4-Nitroaniline

R.T.: 1.672 min
Delta R.T.: 0.013 min
Response: 2197411
Conc: 558.09 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL102113

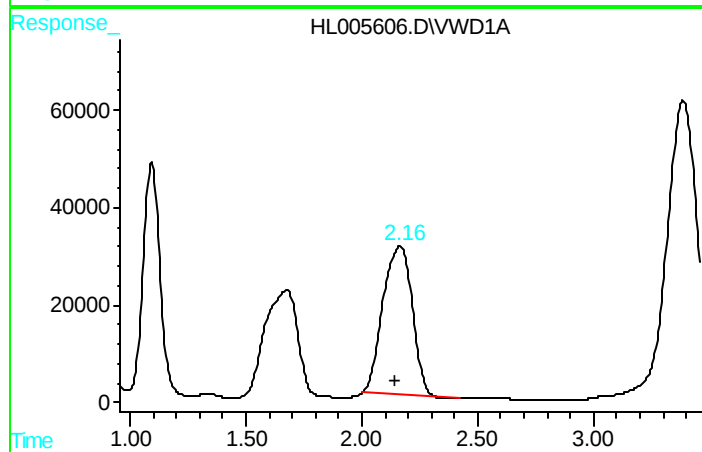
Manual Integrations
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10/22/2013 11:55:00 AM



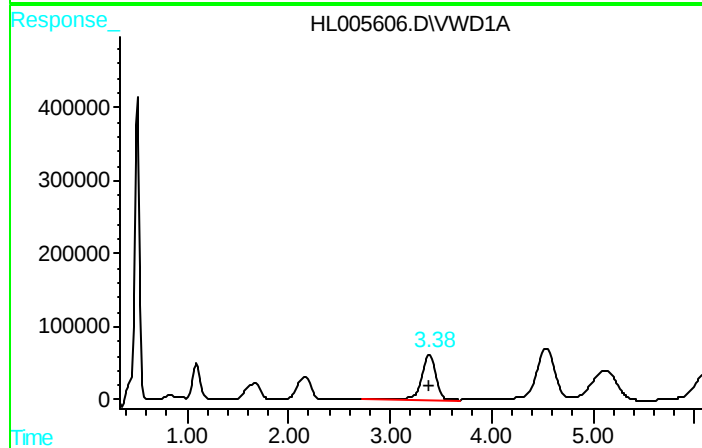
#2 HMX

R.T.: 1.093 min
Delta R.T.: 0.006 min
Response: 2203063
Conc: 489.19 ug/L



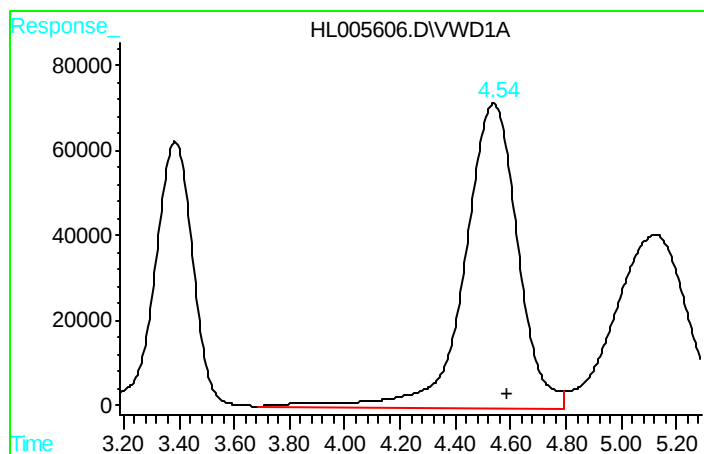
#3 RDX

R.T.: 2.162 min
Delta R.T.: 0.018 min
Response: 2694737
Conc: 501.18 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 3.387 min
Delta R.T.: 0.002 min
Response: 5918453
Conc: 537.11 ug/L



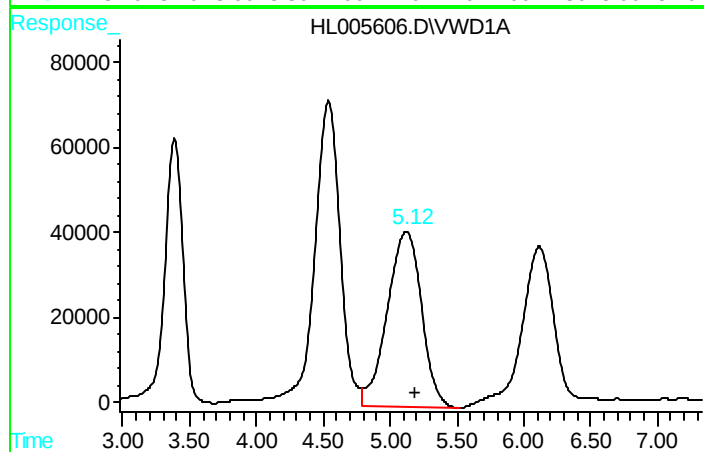
#5 1,3-Dinitrobenzene

R.T.: 4.539 min
Delta R.T.: -0.048 min
Response: 9633915
Conc: 536.20 ng/ml

Instrument :
HPLC_L
ClientSampleId :
ICVHL102113

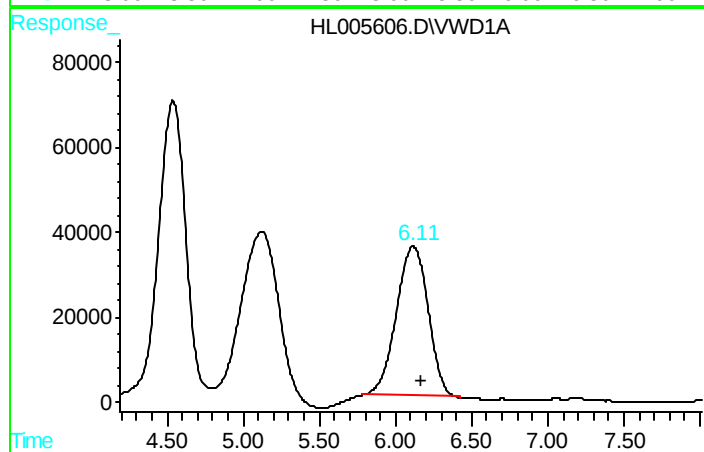
Manual Integrations
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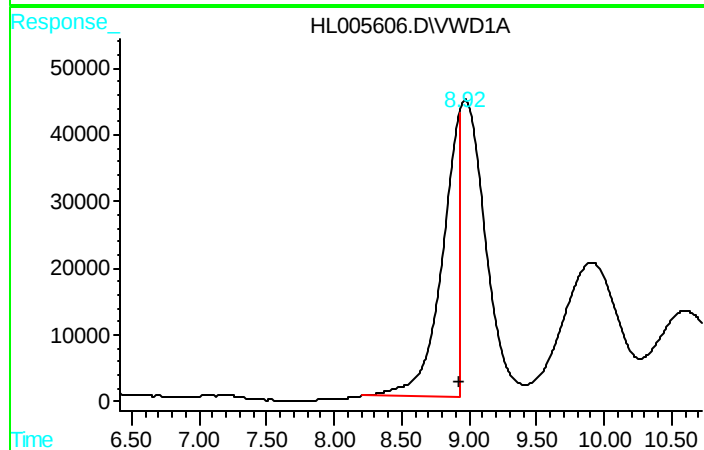
#6 3,5-Dinitroaniline

R.T.: 5.122 min
Delta R.T.: -0.056 min
Response: 7363829
Conc: 523.76 ug/L



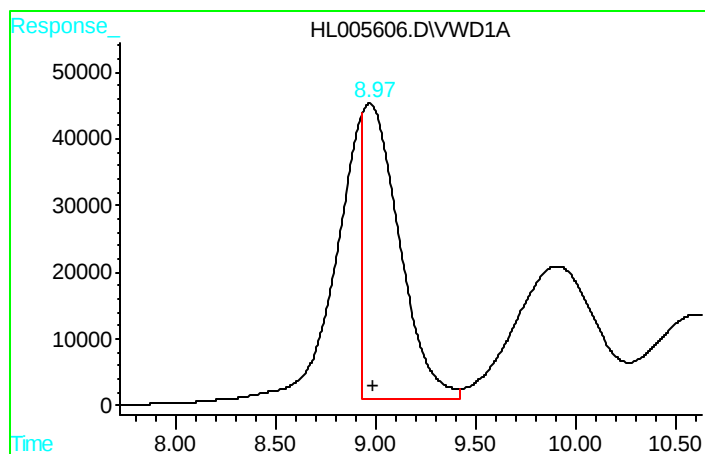
#7 Nitrobenzene

R.T.: 6.114 min
Delta R.T.: -0.049 min
Response: 5059942
Conc: 473.69 ug/L m



#8 Tetryl

R.T.: 8.924 min
Delta R.T.: 0.000 min
Response: 3746657
Conc: 594.39 ug/L m



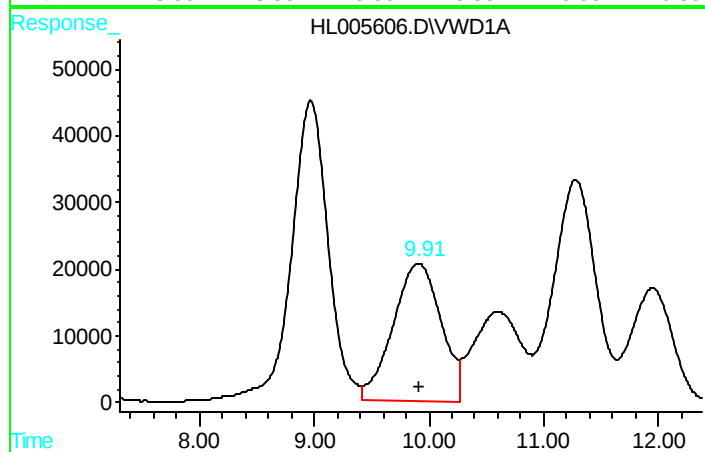
#9 2,4,6-Trinitrotoluene

R.T.: 8.967 min
Delta R.T.: -0.021 min
Response: 5565330
Conc: 480.34 ug/L m

Instrument :
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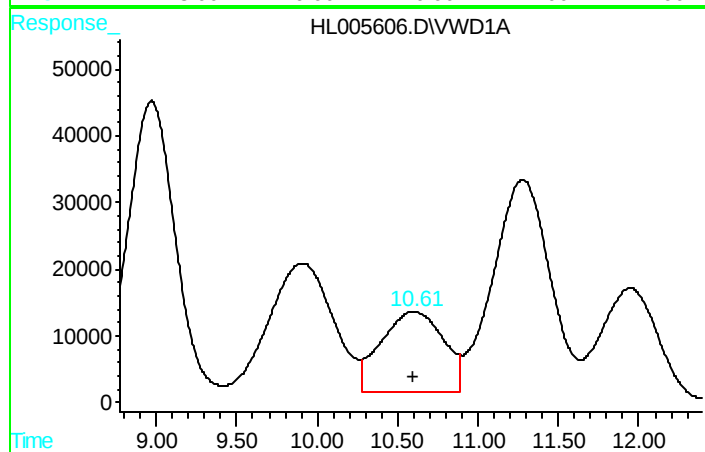
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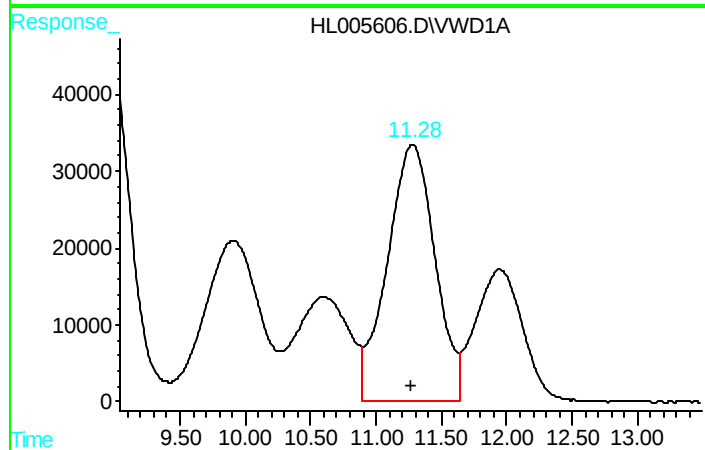
#10 2-Amino-4,6-dinitrotoluene

R.T.: 9.909 min
Delta R.T.: -0.007 min
Response: 6004420
Conc: 567.08 ug/L



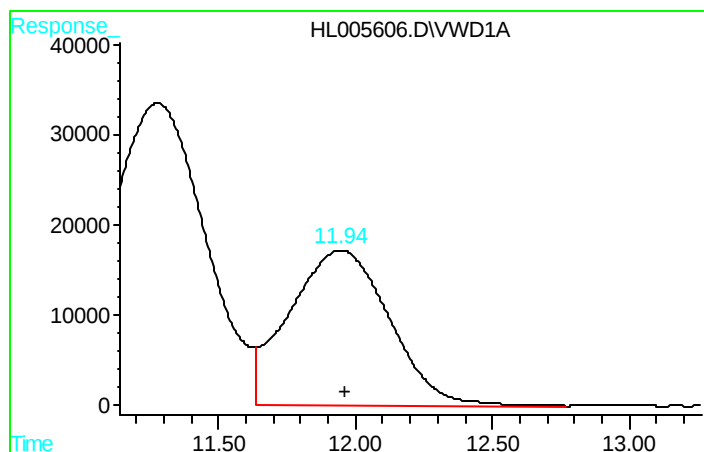
#11 4-Amino-2,6-dinitrotoluene

R.T.: 10.612 min
Delta R.T.: 0.013 min
Response: 3209533
Conc: 521.05 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 11.278 min
Delta R.T.: 0.013 min
Response: 8468735
Conc: 560.99 ug/L



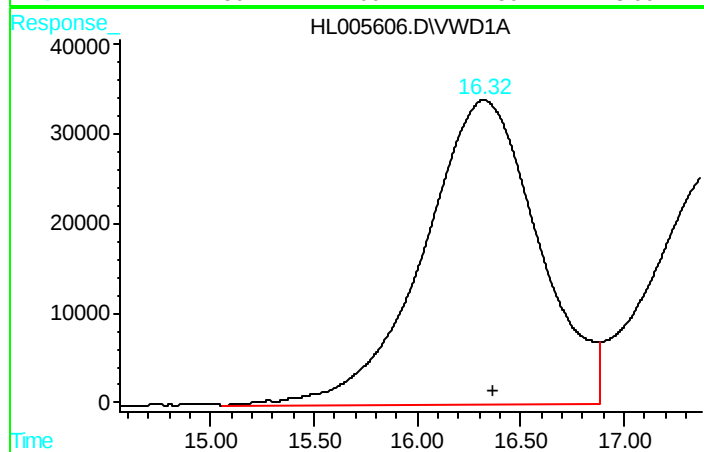
#13 2,6-Dinitrotoluene

R.T.: 11.946 min
Delta R.T.: -0.012 min
Response: 4358042
Conc: 611.04 ug/L

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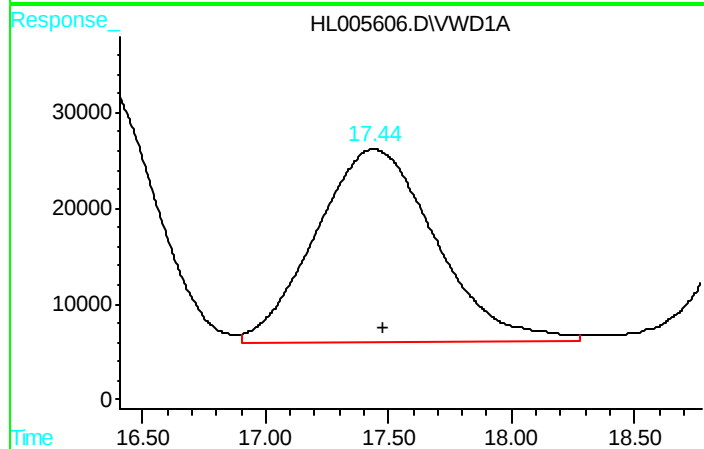
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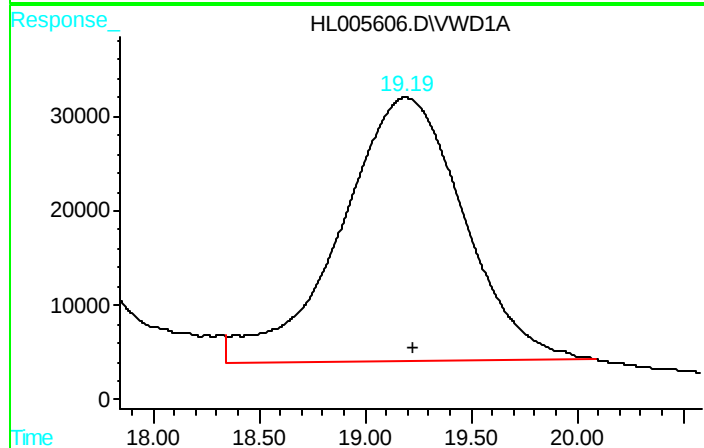
#14 2-Nitrotoluene

R.T.: 16.323 min
Delta R.T.: -0.042 min
Response: 13192675
Conc: 732.31 ug/L



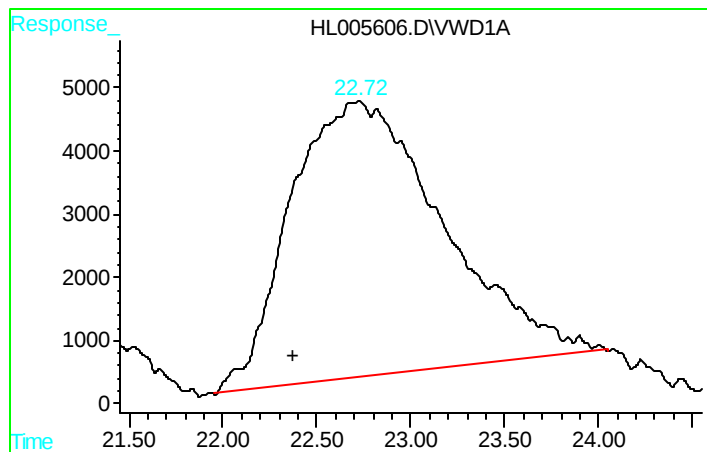
#15 4-Nitrotoluene

R.T.: 17.437 min
Delta R.T.: -0.042 min
Response: 6825445
Conc: 524.10 ug/L m



#16 3-Nitrotoluene

R.T.: 19.191 min
Delta R.T.: -0.031 min
Response: 11295778
Conc: 591.65 ug/L m



#17 PETN

R.T.: 22.722 min
Delta R.T.: 0.345 min
Response: 2454941
Conc: 110.99 ug/L m

Instrument :

HPLC_L

ClientSampleId :

ICVHL102113

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