

Data Path : X:\HPCHEM1\HPLC_L\Data\HL052512\
Data File : HL003085.D
Signal(s) : VWD1A.CH
Acq On : 26-May-2012, 03:01
Operator : HLM
Sample : 8330-CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

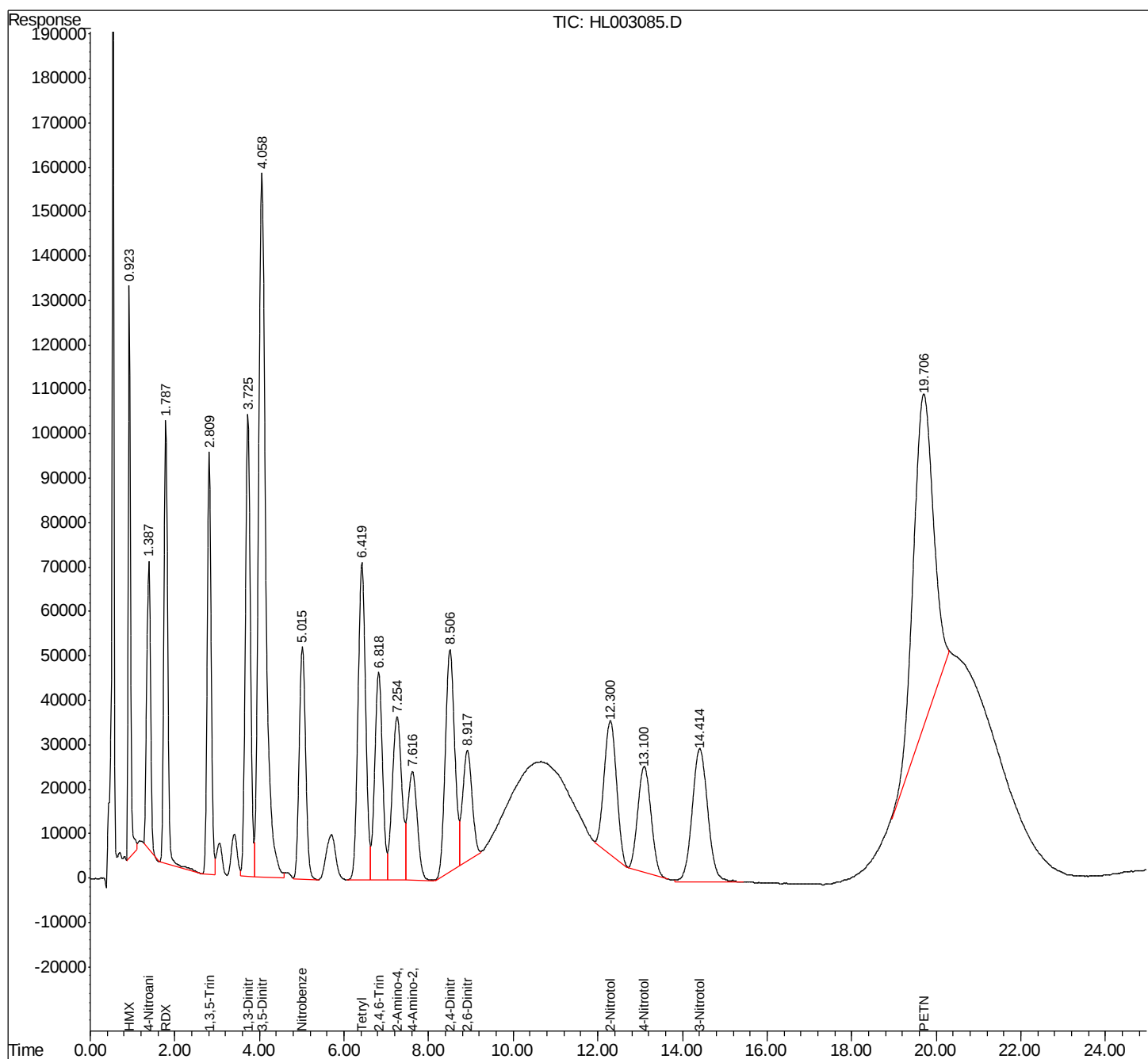
Instrument :
HPLC_L
ClientSampled :
CCAL05

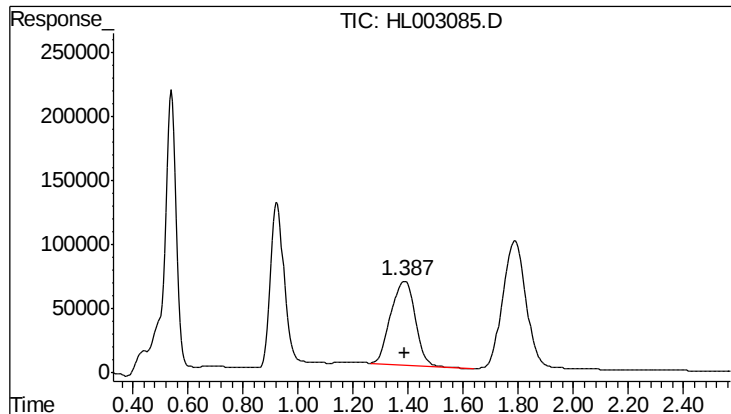
Manual Integrations
APPROVED

AHPatel
6/6/2012 3:42:06 AM

Integration File: events.e
Quant Time: Jun 05 04:09:48 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL050312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Tue May 29 13:14:05 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





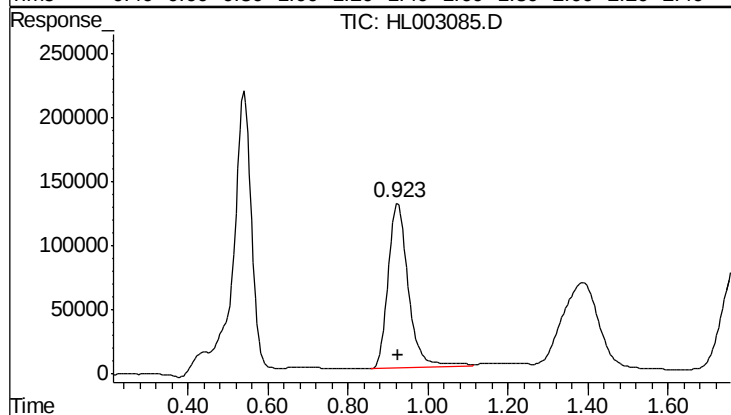
#1 4-Nitroaniline

R.T.: 1.388 min
 Delta R.T.: 0.000 min
 Response: 3980591
 Conc: 1087.93 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 CCAL05

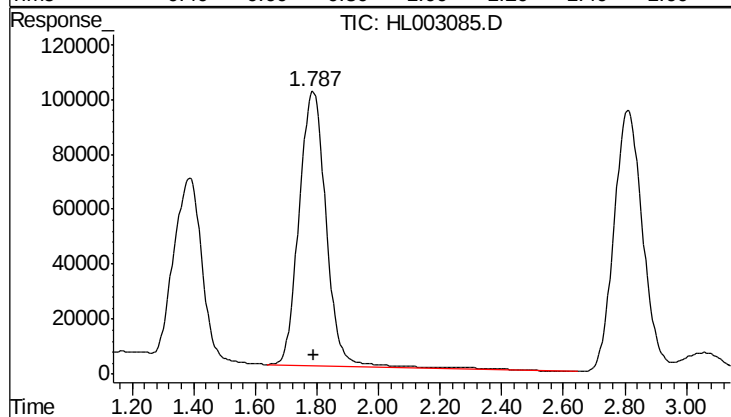
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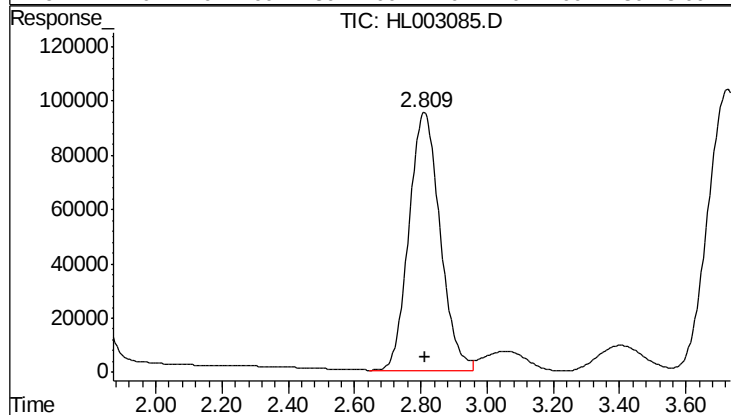
#2 HMX

R.T.: 0.925 min
 Delta R.T.: 0.000 min
 Response: 4587690
 Conc: 1068.51 ug/L



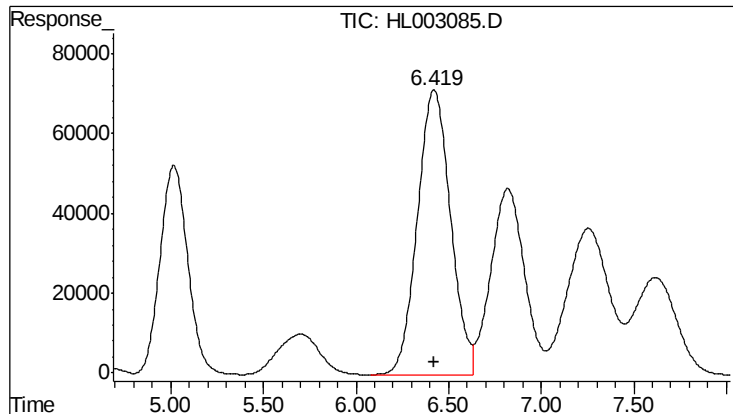
#3 RDX

R.T.: 1.789 min
 Delta R.T.: 0.000 min
 Response: 6138776
 Conc: 1088.35 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.811 min
 Delta R.T.: -0.001 min
 Response: 6164176
 Conc: 491.53 ug/L



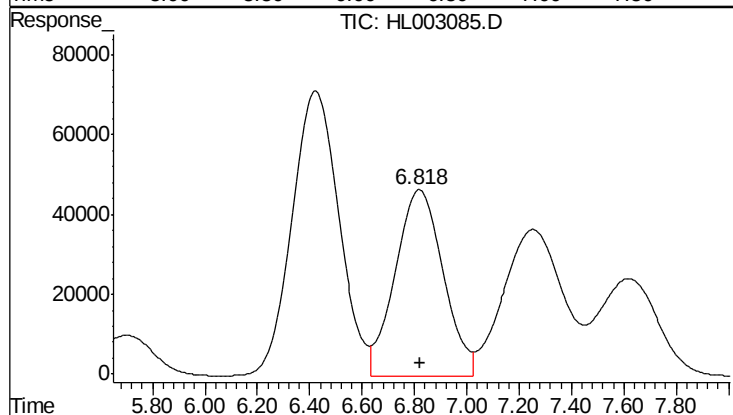
#5 Tetryl

R.T.: 6.421 min
Delta R.T.: -0.003 min
Response: 8893563
Conc: 990.14 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

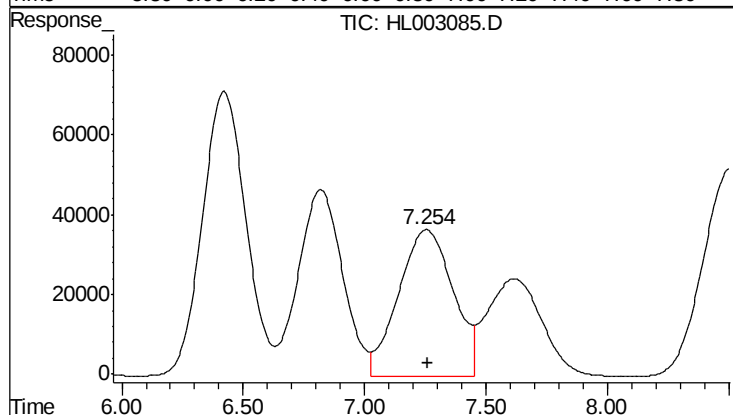
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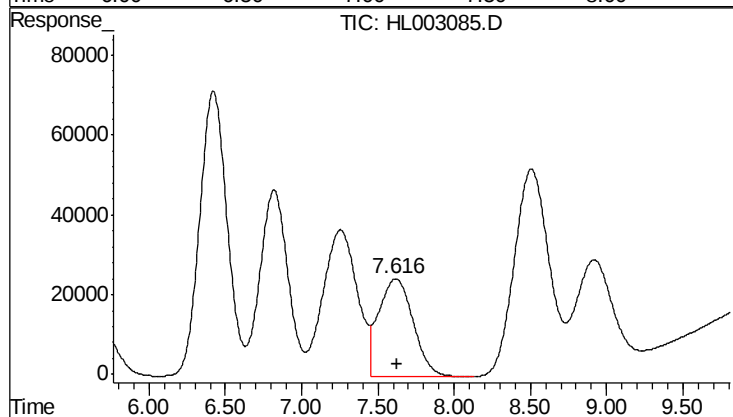
#6 2,4,6-Trinitrotoluene

R.T.: 6.820 min
Delta R.T.: -0.004 min
Response: 5932071
Conc: 493.36 ug/L



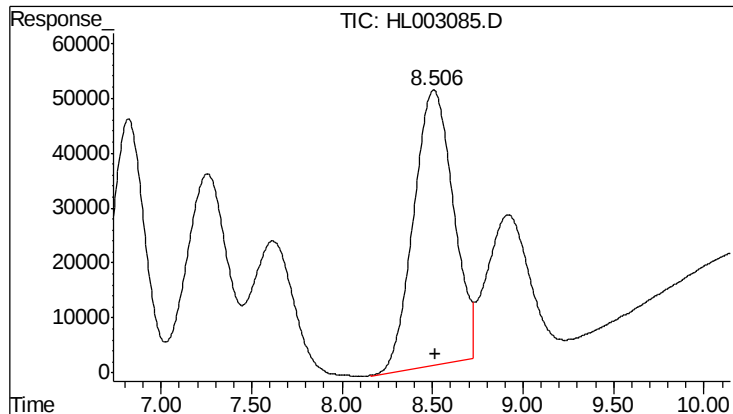
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.256 min
Delta R.T.: -0.005 min
Response: 5755828
Conc: 522.19 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.618 min
Delta R.T.: -0.006 min
Response: 3889793
Conc: 513.80 ug/L



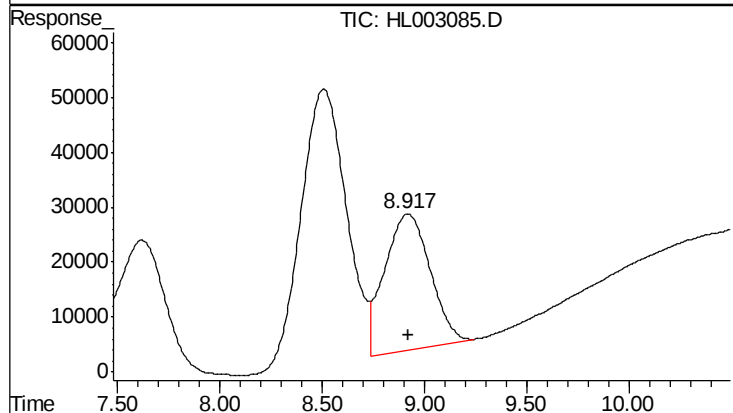
#9 2,4-Dinitrotoluene

R.T.: 8.506 min
 Delta R.T.: -0.007 min
 Response: 7640597
 Conc: 470.73 ug/L m

Instrument :
 HPLC_L
 ClientSampleId :
 CCAL05

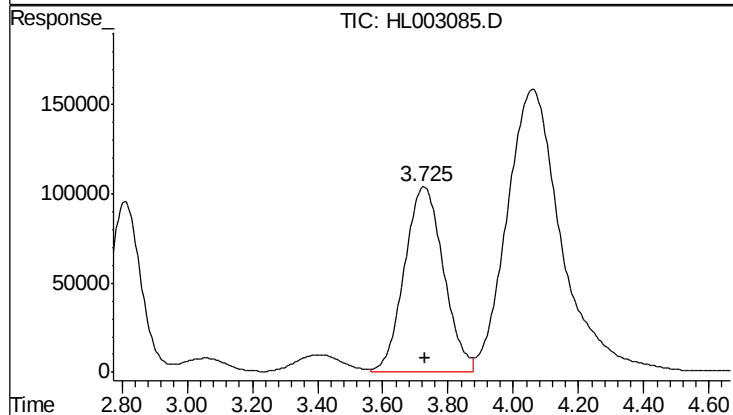
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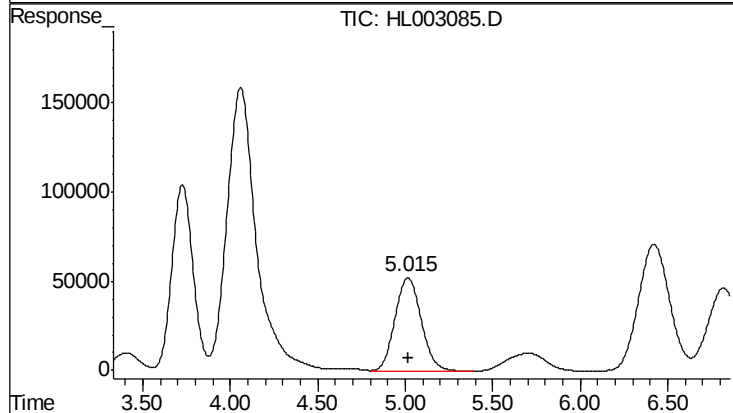
#10 2,6-Dinitrotoluene

R.T.: 8.917 min
 Delta R.T.: -0.005 min
 Response: 3877711
 Conc: 431.69 ug/L m



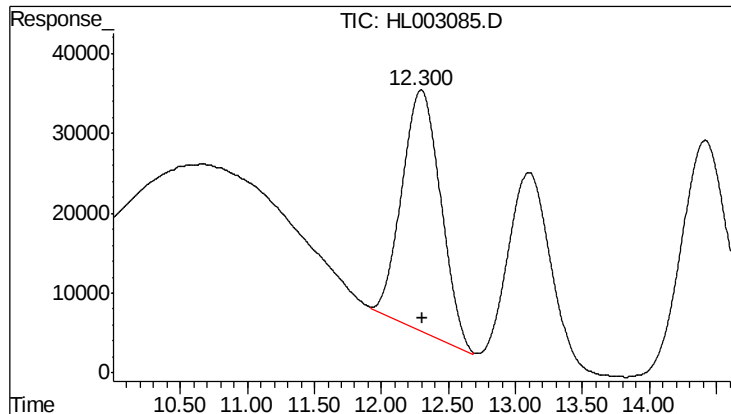
#11 1,3-Dinitrobenzene

R.T.: 3.727 min
 Delta R.T.: -0.002 min
 Response: 8623940
 Conc: 491.01 ug/L



#12 Nitrobenzene

R.T.: 5.017 min
 Delta R.T.: -0.003 min
 Response: 5431536
 Conc: 491.68 ug/L



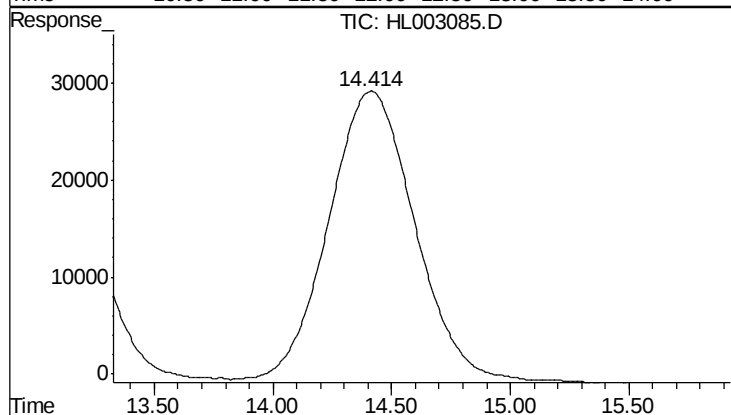
#13 2-Nitrotoluene

R.T.: 12.300 min
 Delta R.T.: -0.009 min
 Response: 6090197
 Conc: 876.01 ug/L m

Instrument :
 HPLC_L
 ClientSampleId :
 CCAL05

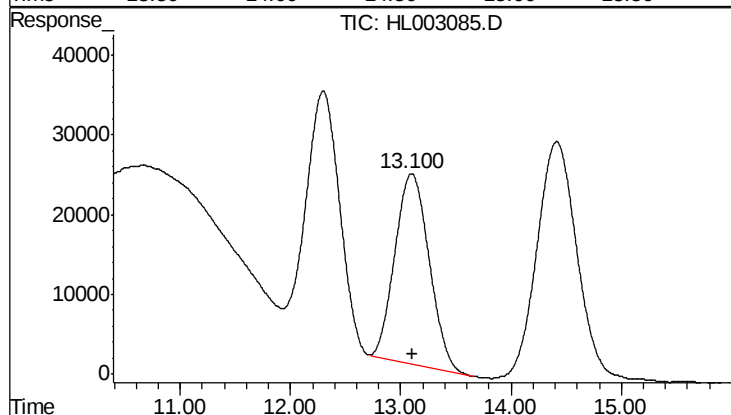
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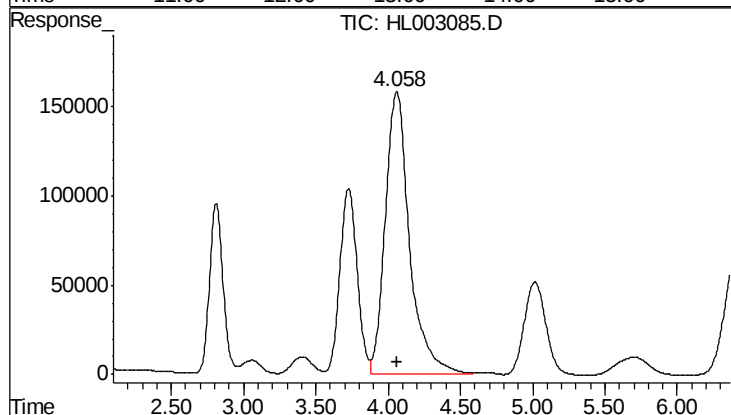
#14 3-Nitrotoluene

R.T.: 14.414 min
 Delta R.T.: -0.009 min
 Response: 7745776
 Conc: 1028.80 ug/L



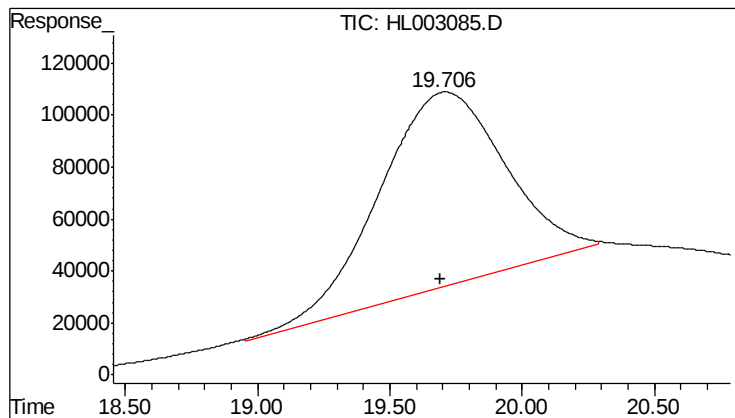
#15 4-Nitrotoluene

R.T.: 13.100 min
 Delta R.T.: -0.007 min
 Response: 5185844
 Conc: 880.05 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.060 min
 Delta R.T.: -0.003 min
 Response: 18556236
 Conc: 1040.33 ug/L



#18 PETN

R.T.: 19.706 min
Delta R.T.: 0.015 min
Response: 24510075
Conc: 2404.69 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

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 Operator : HLM
 Sample : 8330-CCV
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 CCAL05

Manual Integrations
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 QLast Update : Tue May 29 13:14:05 2012
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.388	3980591	1087.932 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 362.64%#
Target Compounds			
2) T HMX	0.925	4587690	1068.506 ug/L
3) T RDX	1.789	6138776	1088.353 ug/L
4) T 1,3,5-Trinitrobenzene	2.811	6164176	491.530 ug/L
5) T Tetryl	6.421	8893563	990.138 ug/L
6) T 2,4,6-Trinitrotoluene	6.820	5932071	493.361 ug/L
7) T 2-Amino-4,6-dinitroto...	7.256	5755828	522.194 ug/L
8) T 4-Amino-2,6-dinitroto...	7.618	3889793	513.805 ug/L
9) T 2,4-Dinitrotoluene	8.506	7640597	470.732 ug/L m
10) T 2,6-Dinitrotoluene	8.917	3877711	431.690 ug/L m
11) T 1,3-Dinitrobenzene	3.727	8623940	491.009 ug/L
12) T Nitrobenzene	5.017	5431536	491.677 ug/L
13) T 2-Nitrotoluene	12.300	6090197	876.012 ug/L m
14) T 3-Nitrotoluene	14.414	7745776	1028.796 ug/L
15) T 4-Nitrotoluene	13.100	5185844	880.051 ug/L m
16) T 3,5-Dinitroaniline	4.060	18556236	1040.327 ug/L
18) T PETN	19.706	24510075	2404.695 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.