

Data Path : X:\HPCHEM1\HPLC_L\Data\HL091912\
 Data File : HL003478.D
 Signal(s) : VWD1A.CH
 Acq On : 19-Sep-2012, 21:30
 Operator : HLM
 Sample : DOC_S_PH-4
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 DOC_S_PH-4

Manual Integrations
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 9/25/2012 4:12:40 AM

Integration File: events.e
 Quant Time: Sep 24 07:57:14 2012
 Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL091912.M
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Thu Sep 20 08:25:48 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	1.333	566320	152.421 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 50.81%
Target Compounds			
2) T HMX	0.895	452148	115.582 ug/L
3) T RDX	1.719	668970	128.643 ug/L
4) T 1,3,5-Trinitrobenzene	2.685	1515682	124.847 ug/L
5) T Tetryl	6.006	887464	103.980 ug/L
6) T 2,4,6-Trinitrotoluene	6.410	1622268	143.971 ug/L
7) T 2-Amino-4,6-dinitroto...	6.833	1357024	124.663 ug/L
8) T 4-Amino-2,6-dinitroto...	7.135	956446	138.404 ug/L
9) T 2,4-Dinitrotoluene	7.998	1912656	126.714 ug/L
10) T 2,6-Dinitrotoluene	8.354	1030235	118.361 ug/L
11) T 1,3-Dinitrobenzene	3.555	2114110	133.444 ug/L
12) T Nitrobenzene	4.773	1326979	129.066 ug/L
13) T 2-Nitrotoluene	11.535	894386	135.623 ug/L
14) T 3-Nitrotoluene	13.501	924688	130.749 ug/L
15) T 4-Nitrotoluene	12.274	727892	131.868 ug/L
16) T 3,5-Dinitroaniline	3.868	1718542	112.367 ug/L
18) T PETN	18.365	1143535	118.194 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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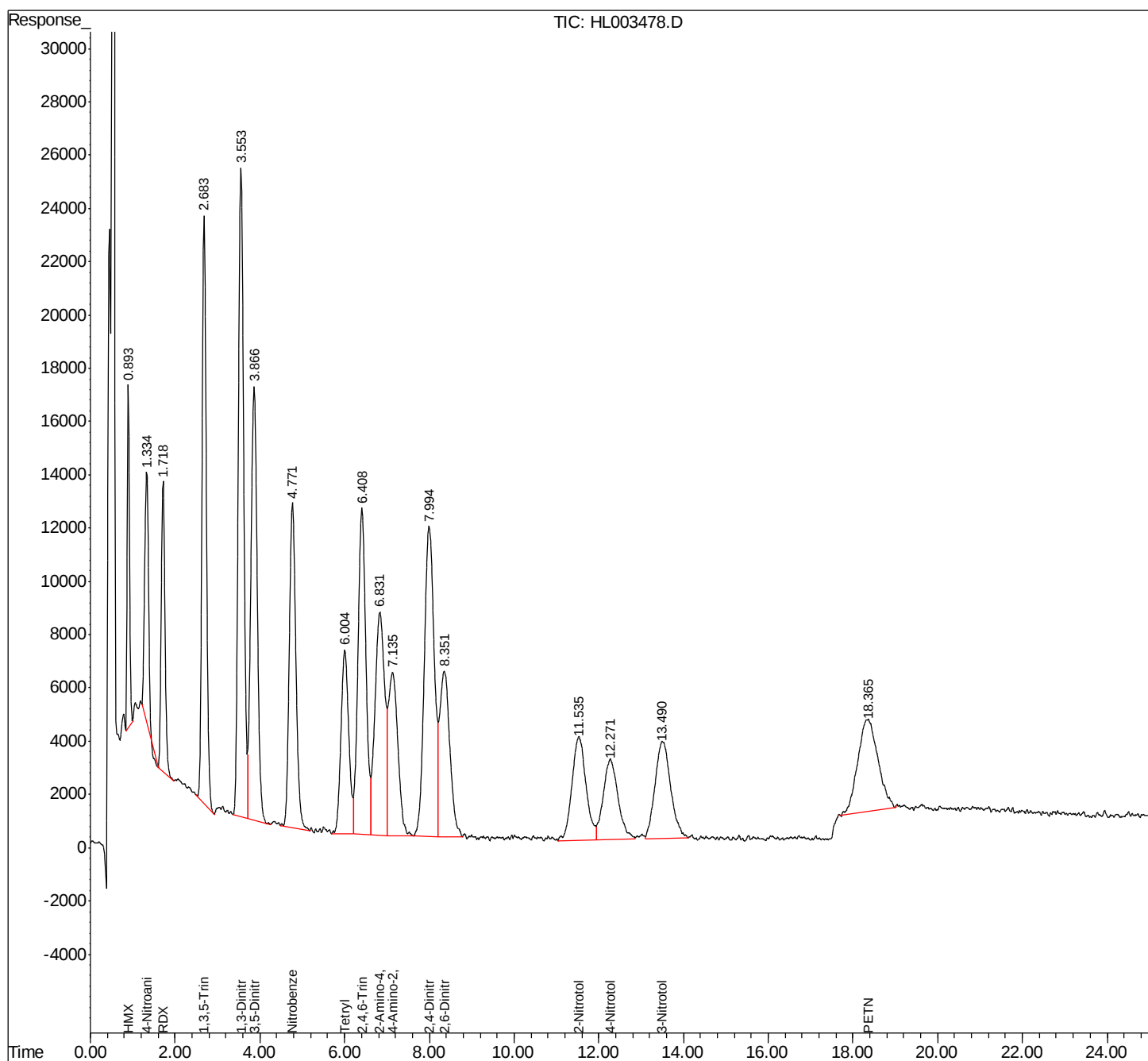
Instrument :
HPLC_L
ClientSampleId :
DOC_S_PH-4

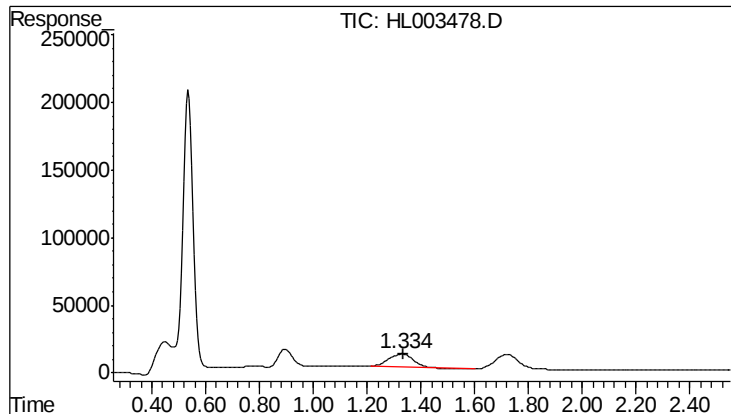
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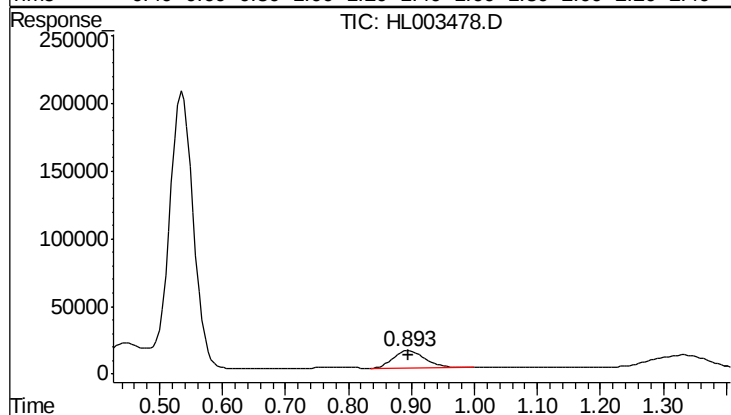
#1 4-Nitroaniline

R.T.: 1.333 min
 Delta R.T.: -0.002 min
 Response: 566320
 Conc: 152.42 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 DOC_S_PH-4

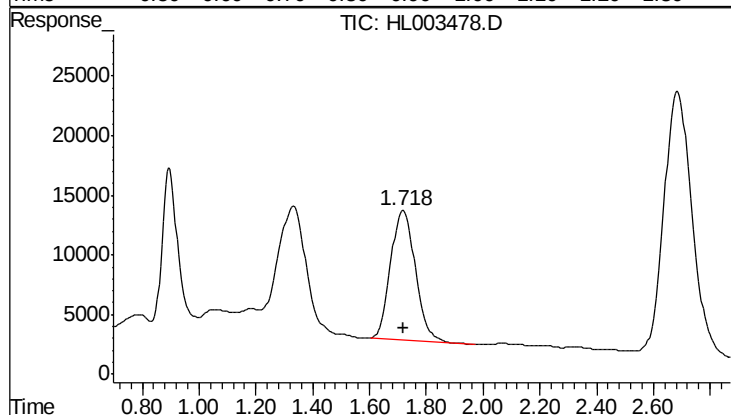
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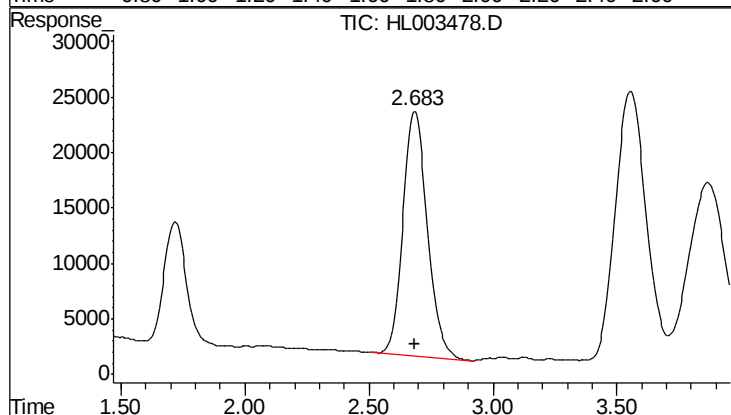
#2 HMX

R.T.: 0.895 min
 Delta R.T.: 0.000 min
 Response: 452148
 Conc: 115.58 ug/L



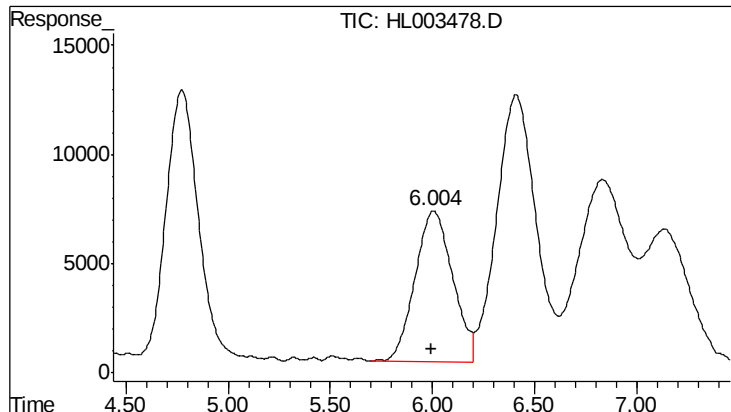
#3 RDX

R.T.: 1.719 min
 Delta R.T.: 0.000 min
 Response: 668970
 Conc: 128.64 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.685 min
 Delta R.T.: 0.002 min
 Response: 1515682
 Conc: 124.85 ug/L



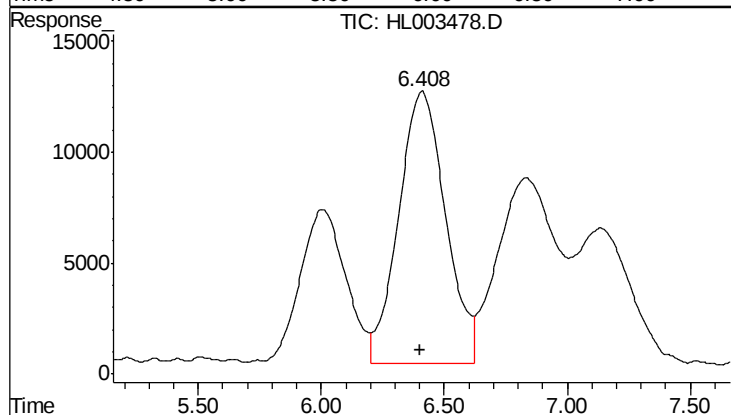
#5 Tetryl

R.T.: 6.006 min
Delta R.T.: 0.007 min
Response: 887464
Conc: 103.98 ug/L

Instrument :
HPLC_L
ClientSampleId :
DOC_S_PH-4

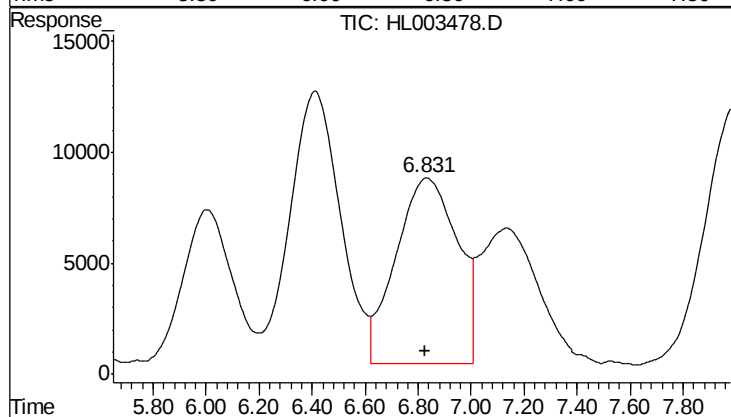
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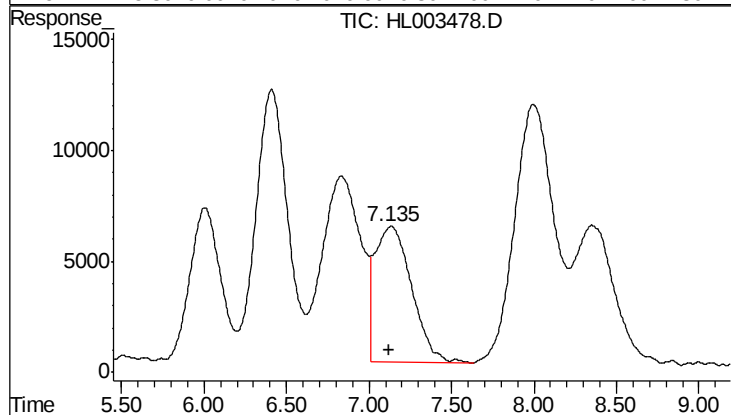
#6 2,4,6-Trinitrotoluene

R.T.: 6.410 min
Delta R.T.: 0.007 min
Response: 1622268
Conc: 143.97 ug/L



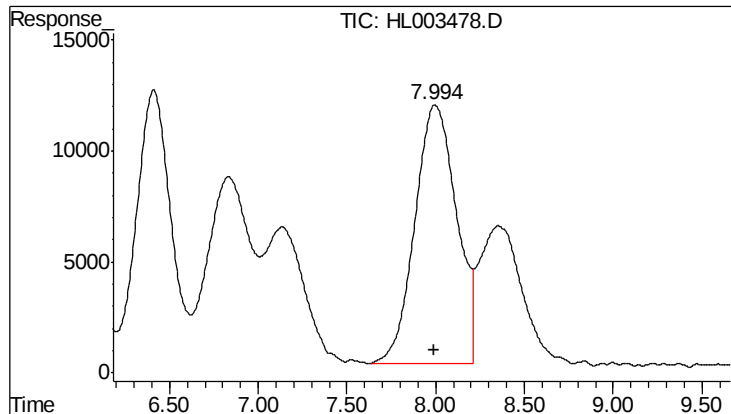
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.833 min
Delta R.T.: 0.007 min
Response: 1357024
Conc: 124.66 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.135 min
Delta R.T.: 0.010 min
Response: 956446
Conc: 138.40 ug/L



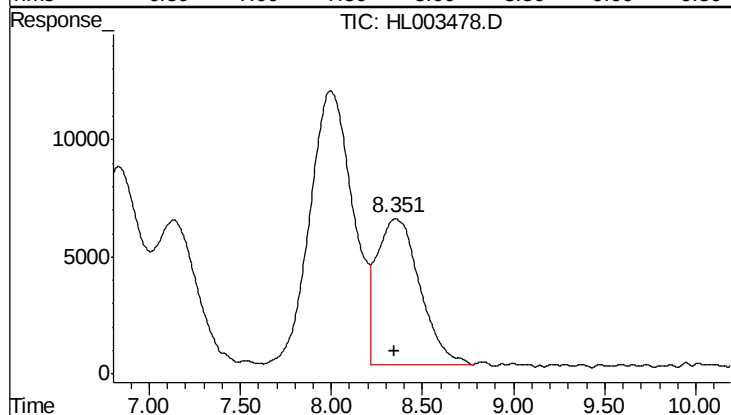
#9 2,4-Dinitrotoluene

R.T.: 7.998 min
Delta R.T.: 0.010 min
Response: 1912656
Conc: 126.71 ug/L

Instrument :
HPLC_L
ClientSampleId :
DOC_S_PH-4

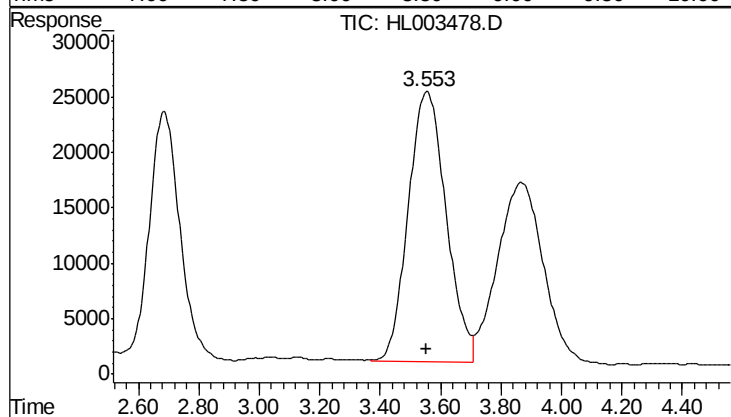
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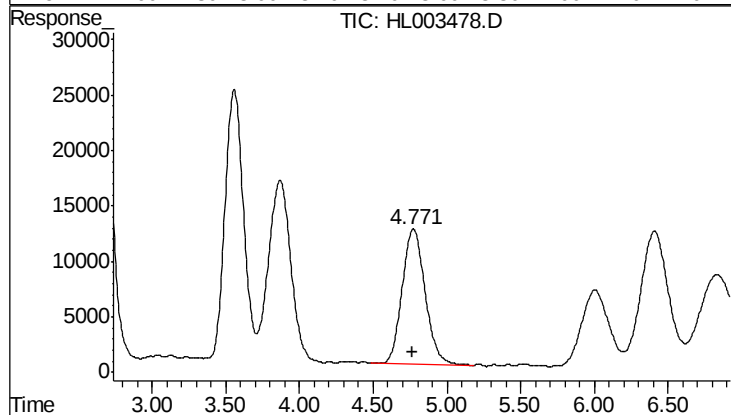
#10 2,6-Dinitrotoluene

R.T.: 8.354 min
Delta R.T.: 0.011 min
Response: 1030235
Conc: 118.36 ug/L



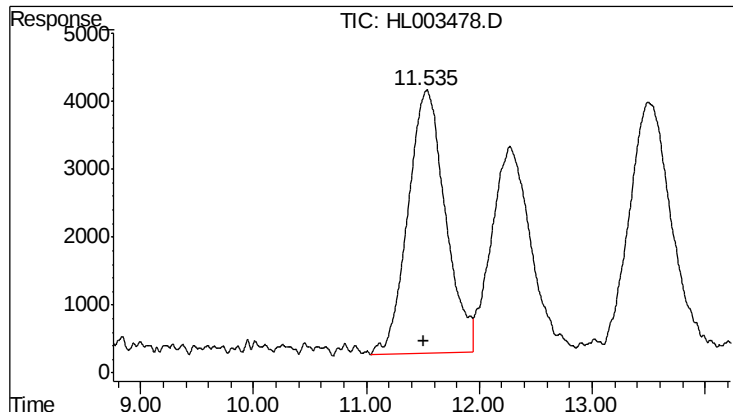
#11 1,3-Dinitrobenzene

R.T.: 3.555 min
Delta R.T.: 0.003 min
Response: 2114110
Conc: 133.44 ug/L



#12 Nitrobenzene

R.T.: 4.773 min
Delta R.T.: 0.005 min
Response: 1326979
Conc: 129.07 ug/L



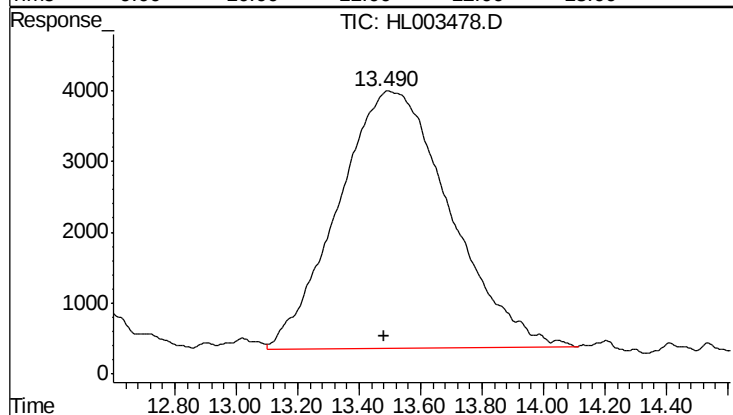
#13 2-Nitrotoluene

R.T.: 11.535 min
 Delta R.T.: 0.028 min
 Response: 894386
 Conc: 135.62 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 DOC_S_PH-4

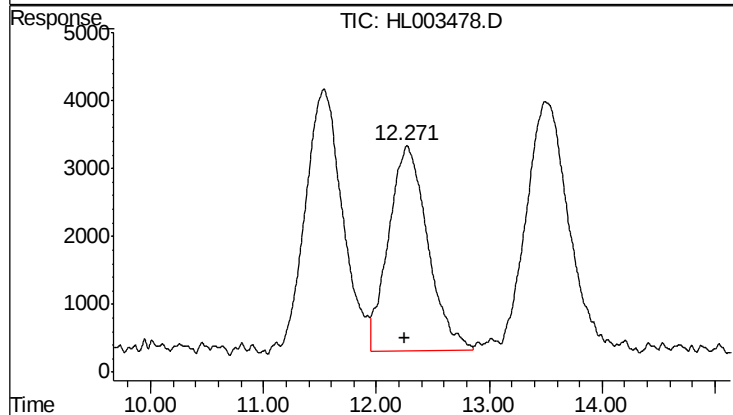
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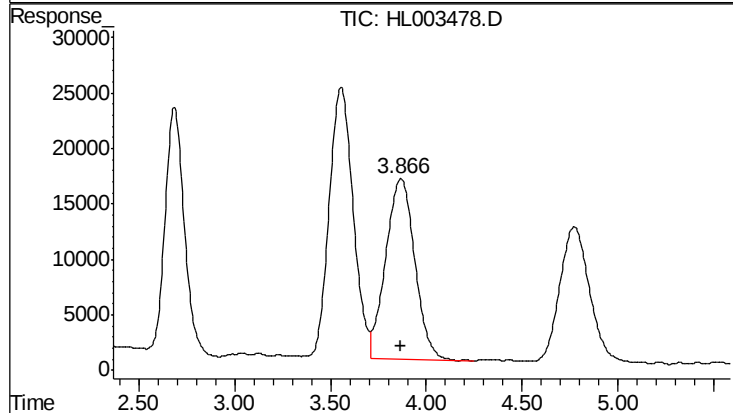
#14 3-Nitrotoluene

R.T.: 13.501 min
 Delta R.T.: 0.020 min
 Response: 924688
 Conc: 130.75 ug/L



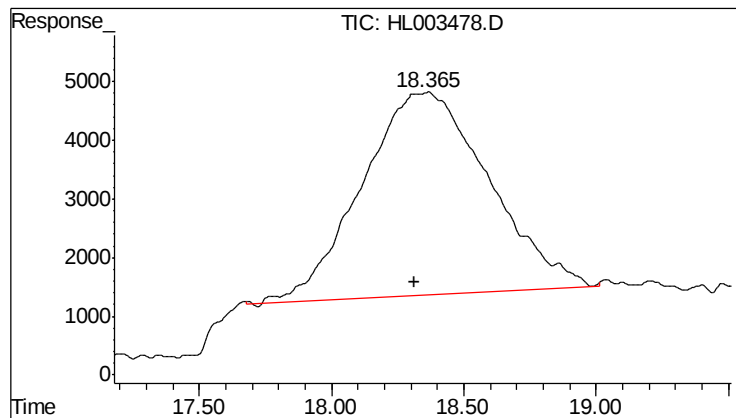
#15 4-Nitrotoluene

R.T.: 12.274 min
 Delta R.T.: 0.024 min
 Response: 727892
 Conc: 131.87 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.868 min
 Delta R.T.: 0.000 min
 Response: 1718542
 Conc: 112.37 ug/L



#18 PETN

R.T.: 18.365 min
Delta R.T.: 0.052 min
Response: 1143535
Conc: 118.19 ug/L m

Instrument :
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ClientSampleId :
DOC_S_PH-4

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