

Data Path : X:\HPCHEM1\HPLC_L\Data\HL091912\
 Data File : HL003476.D
 Signal(s) : VWD1A.CH
 Acq On : 19-Sep-2012, 20:36
 Operator : HLM
 Sample : DOC_S_PH-2
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 DOC_S_PH-2

Manual Integrations
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 9/25/2012 4:12:35 AM

Integration File: events.e
 Quant Time: Sep 24 07:57:01 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	1.336	622186	167.456 ug/L m
Spiked Amount 300.000	Range 37 - 149	Recovery	= 55.82%
Target Compounds			
2) T HMX	0.899	447845	114.482 ug/L
3) T RDX	1.723	660851	127.082 ug/L
4) T 1,3,5-Trinitrobenzene	2.689	1524321	125.558 ug/L
5) T Teteryl	6.010	861261	100.910 ug/L
6) T 2,4,6-Trinitrotoluene	6.417	1616549	143.464 ug/L
7) T 2-Amino-4,6-dinitroto...	6.841	1328554	122.047 ug/L
8) T 4-Amino-2,6-dinitroto...	7.147	993140	143.714 ug/L
9) T 2,4-Dinitrotoluene	8.005	1907265	126.356 ug/L
10) T 2,6-Dinitrotoluene	8.362	1074265	123.419 ug/L
11) T 1,3-Dinitrobenzene	3.560	2112088	133.317 ug/L
12) T Nitrobenzene	4.778	1330128	129.372 ug/L
13) T 2-Nitrotoluene	11.532	877453	133.056 ug/L
14) T 3-Nitrotoluene	13.516	934622	132.154 ug/L
15) T 4-Nitrotoluene	12.295	715993	129.713 ug/L
16) T 3,5-Dinitroaniline	3.874	1717539	112.302 ug/L
17) T Nitroglycerin	6.010	861261	15165.574 ug/L
18) T PETN	18.366	1169468	120.874 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

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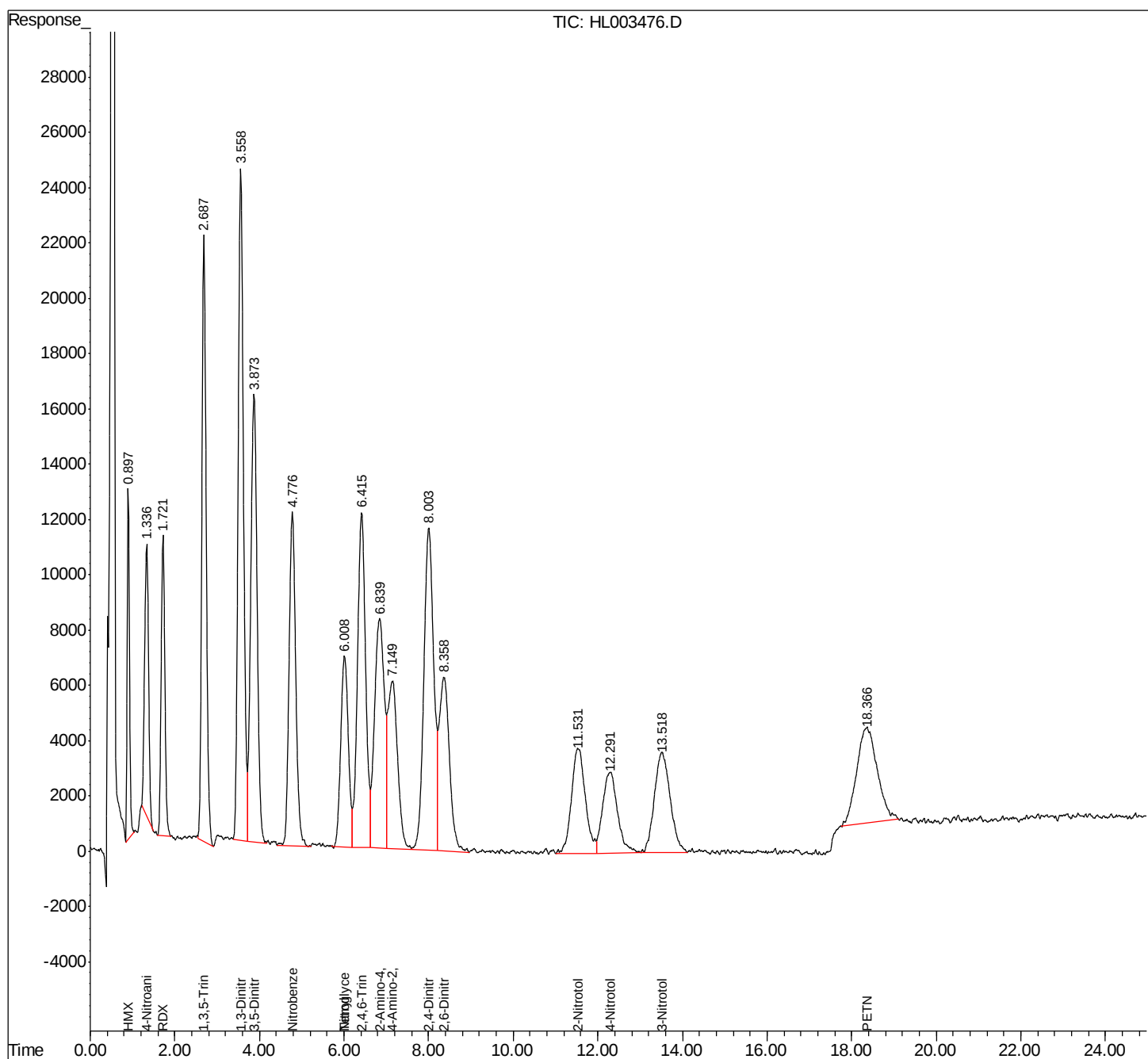
Instrument :
HPLC_L
ClientSampleId :
DOC_S_PH-2

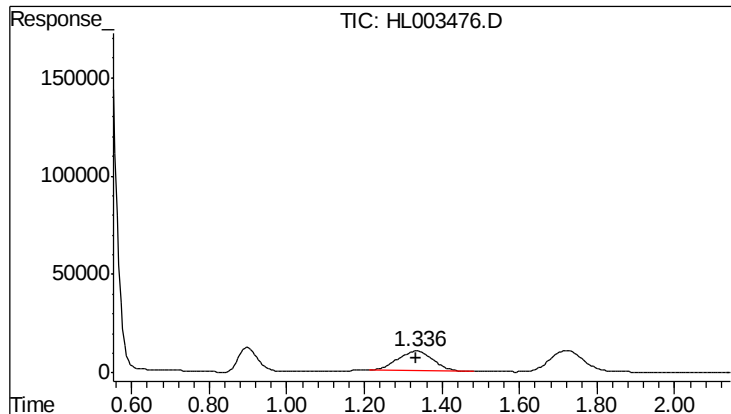
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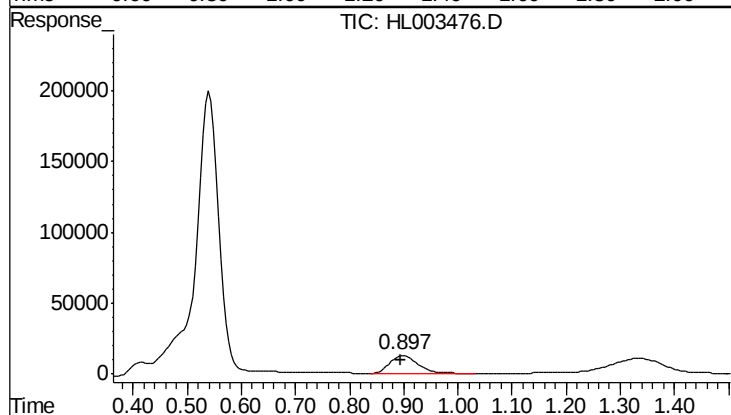
#1 4-Nitroaniline

R.T.: 1.336 min
 Delta R.T.: 0.001 min
 Response: 622186
 Conc: 167.46 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 DOC_S_PH-2

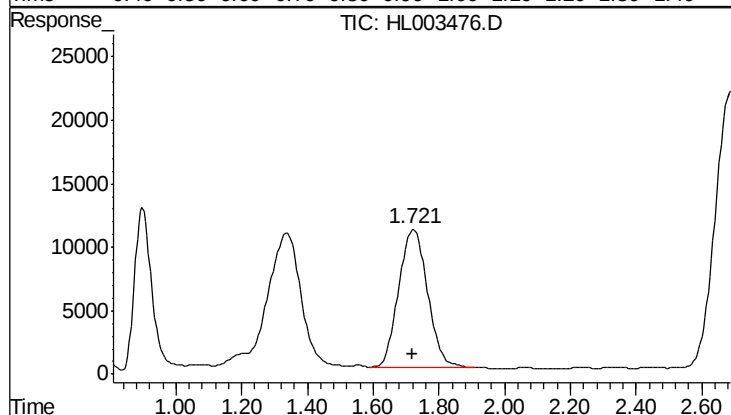
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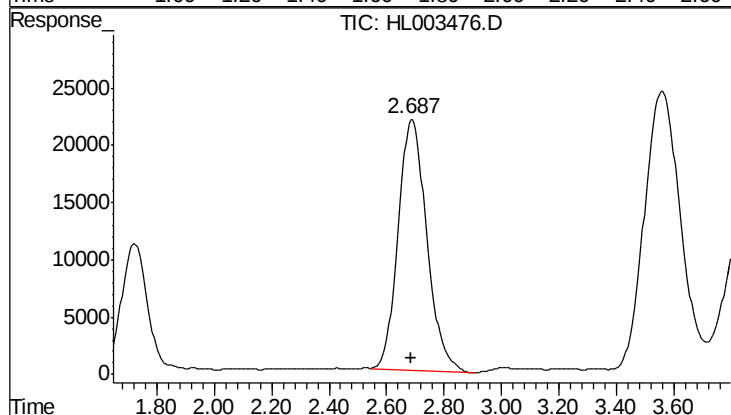
#2 HMX

R.T.: 0.899 min
 Delta R.T.: 0.004 min
 Response: 447845
 Conc: 114.48 ug/L



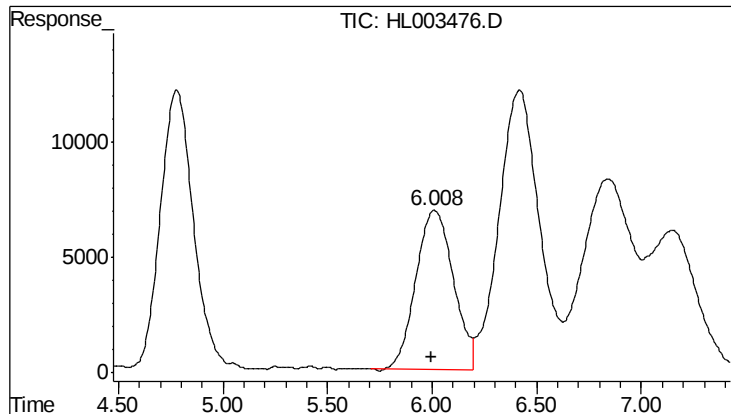
#3 RDX

R.T.: 1.723 min
 Delta R.T.: 0.003 min
 Response: 660851
 Conc: 127.08 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.689 min
 Delta R.T.: 0.006 min
 Response: 1524321
 Conc: 125.56 ug/L



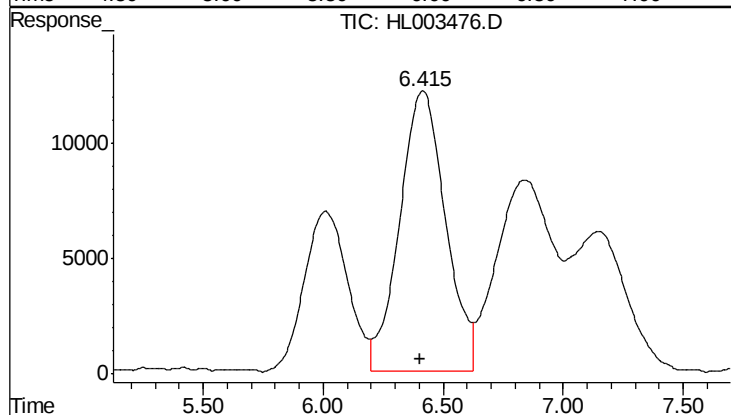
#5 Tetryl

R.T.: 6.010 min
Delta R.T.: 0.012 min
Response: 861261
Conc: 100.91 ug/L

Instrument :
HPLC_L
ClientSampleId :
DOC_S_PH-2

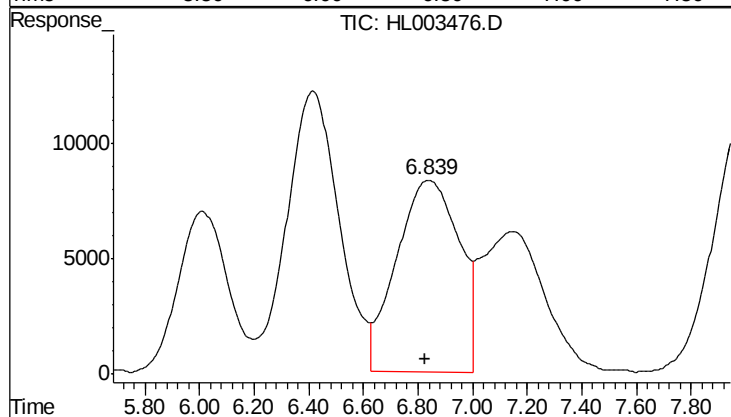
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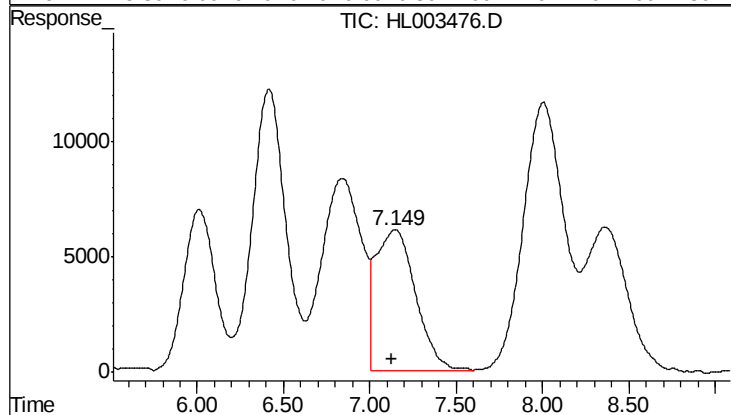
#6 2,4,6-Trinitrotoluene

R.T.: 6.417 min
Delta R.T.: 0.013 min
Response: 1616549
Conc: 143.46 ug/L



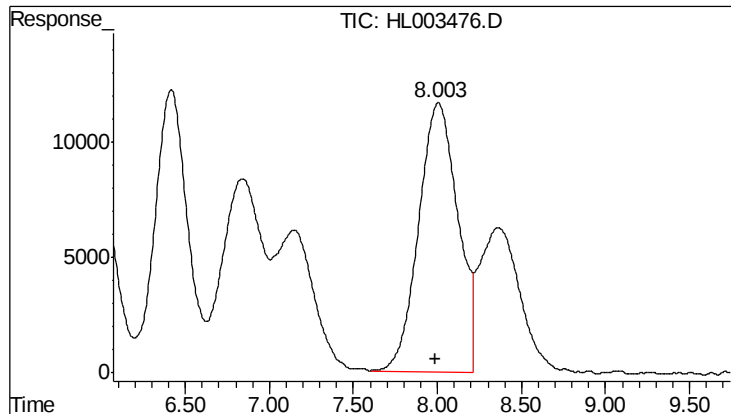
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.841 min
Delta R.T.: 0.015 min
Response: 1328554
Conc: 122.05 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.147 min
Delta R.T.: 0.022 min
Response: 993140
Conc: 143.71 ug/L



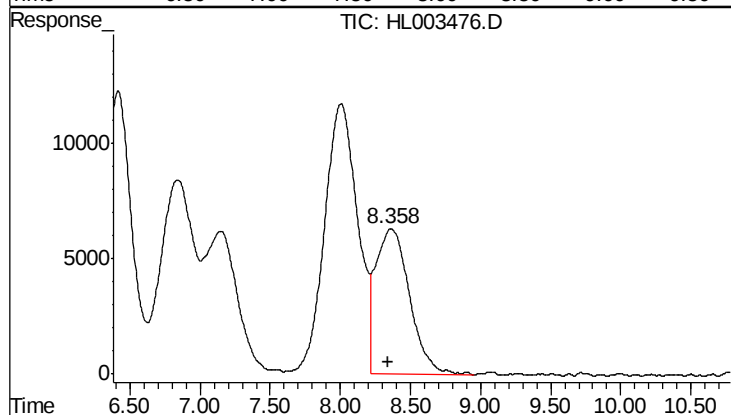
#9 2,4-Dinitrotoluene

R.T.: 8.005 min
Delta R.T.: 0.018 min
Response: 1907265
Conc: 126.36 ug/L

Instrument :
HPLC_L
ClientSampleId :
DOC_S_PH-2

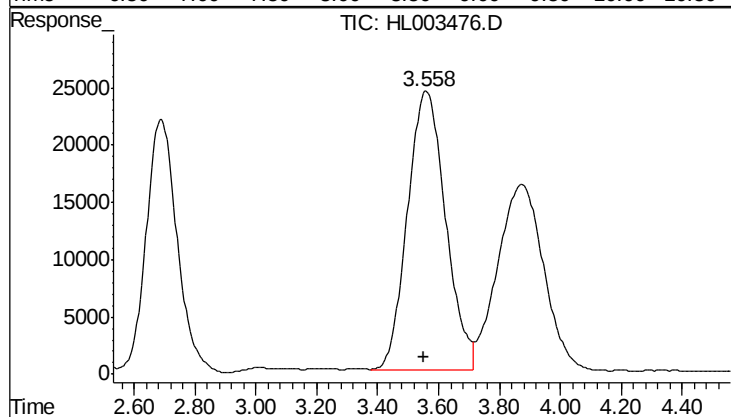
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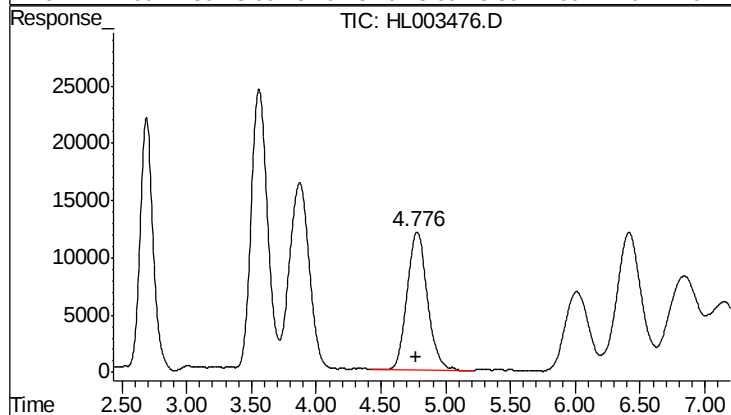
#10 2,6-Dinitrotoluene

R.T.: 8.362 min
Delta R.T.: 0.019 min
Response: 1074265
Conc: 123.42 ug/L



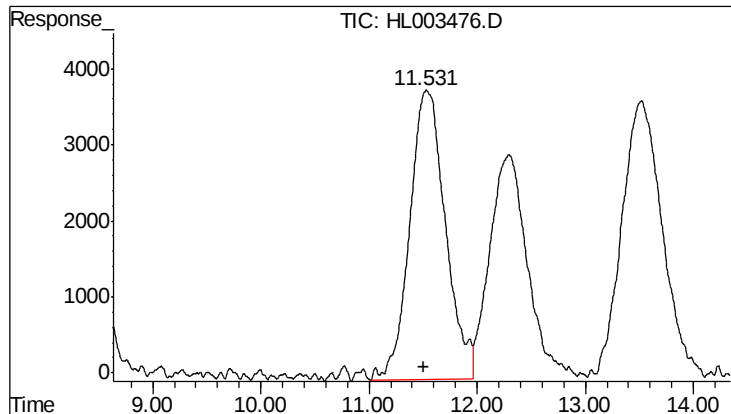
#11 1,3-Dinitrobenzene

R.T.: 3.560 min
Delta R.T.: 0.007 min
Response: 2112088
Conc: 133.32 ug/L



#12 Nitrobenzene

R.T.: 4.778 min
Delta R.T.: 0.010 min
Response: 1330128
Conc: 129.37 ug/L



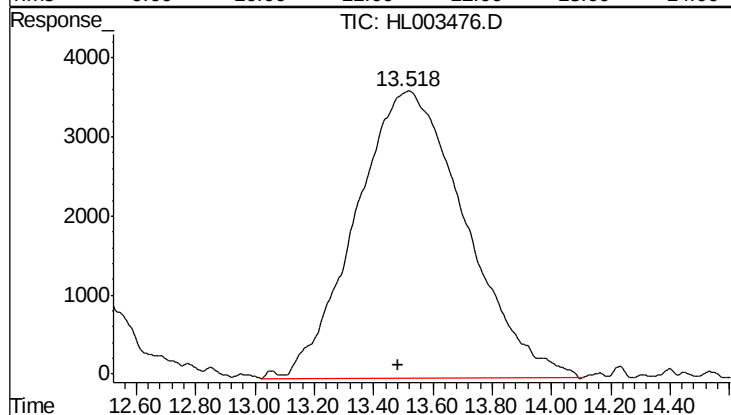
#13 2-Nitrotoluene

R.T.: 11.532 min
Delta R.T.: 0.025 min
Response: 877453
Conc: 133.06 ug/L

Instrument :
HPLC_L
ClientSampleId :
DOC_S_PH-2

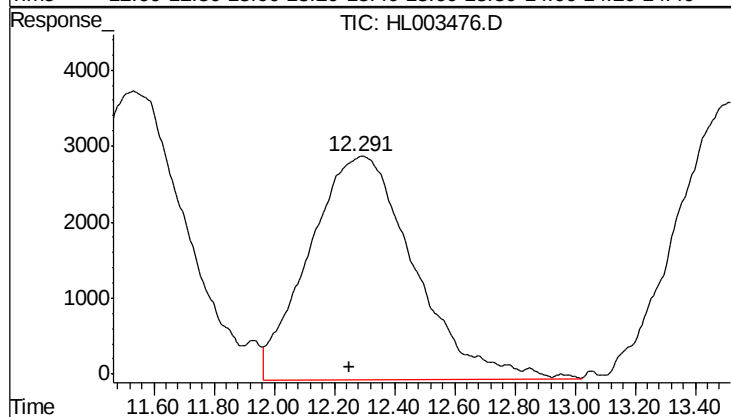
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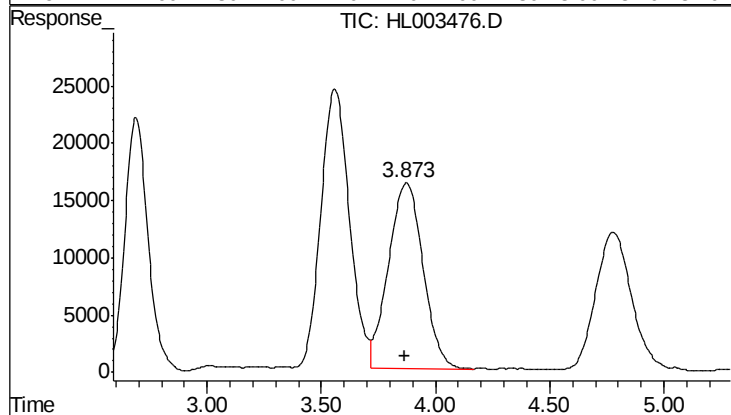
#14 3-Nitrotoluene

R.T.: 13.516 min
Delta R.T.: 0.035 min
Response: 934622
Conc: 132.15 ug/L



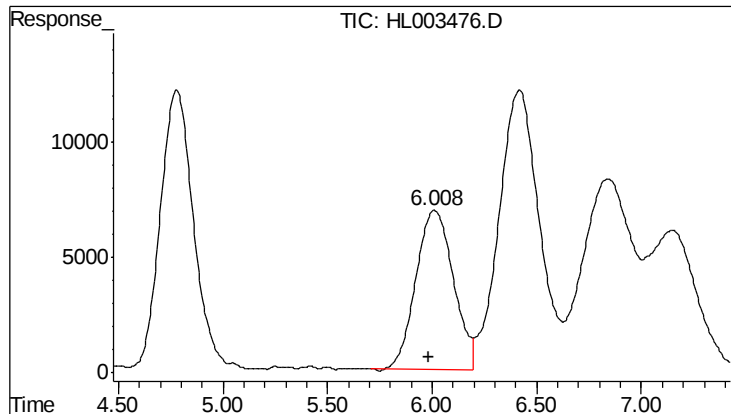
#15 4-Nitrotoluene

R.T.: 12.295 min
Delta R.T.: 0.045 min
Response: 715993
Conc: 129.71 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.874 min
Delta R.T.: 0.008 min
Response: 1717539
Conc: 112.30 ug/L



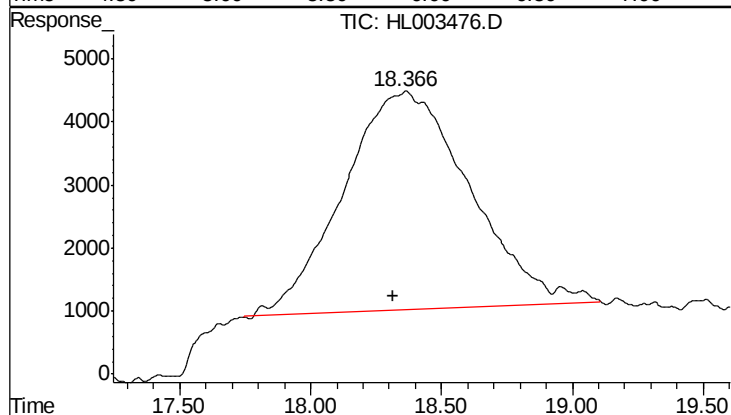
#17 Nitroglycerin

R.T.: 6.010 min
 Delta R.T.: 0.024 min
 Response: 861261
 Conc: 15165.57 ug/L

Instrument :
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 ClientSampleId :
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#18 PETN

R.T.: 18.366 min
 Delta R.T.: 0.053 min
 Response: 1169468
 Conc: 120.87 ug/L m