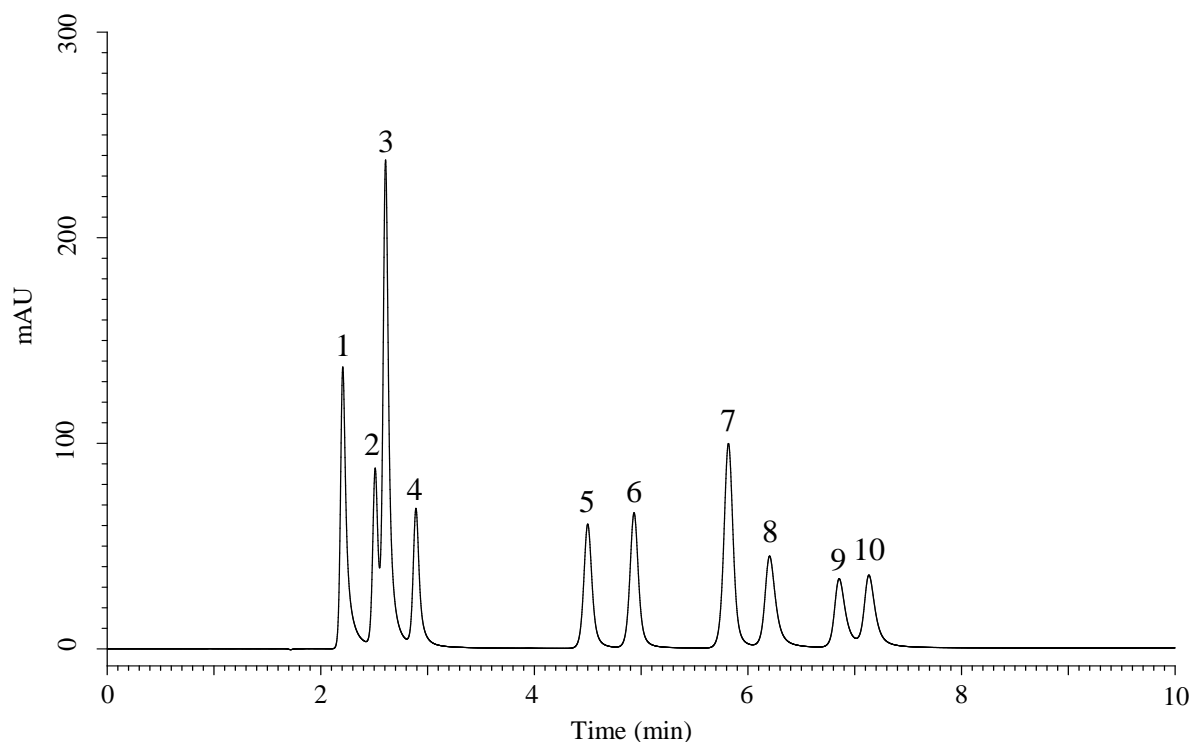


Analysis of Uric Acid and its related compounds



Conditions

Column : InertSustain AX-C18 (GL Sciences Inc.)
 (3 μ m, 150 x 2.1 mm I.D., Metal-free hardware)

Column Cat. No. : 5020-91059

Eluent : A) (100 mM HCOONH_4 + 0.1% HCOOH) in
 ($\text{CH}_3\text{CN}/\text{H}_2\text{O}$ = 50/50, v/v)
 B) (10 mM HCOONH_4 + 0.1% HCOOH) in H_2O

Time (min)	A (vol%)	B (vol%)
0.0	2	98
10.0	15	85

Flow Rate : 0.3 mL/min
Col. Temp. : 40 $^\circ\text{C}$
Detection : UV 254 nm
Injection Vol. : 1 μ L
Sample : Standard

Analyte:

1. Guanine
 2. Uric acid
 3. Hypoxanthine
 4. Xanthine
 5. Inosine
 6. Guanosine
 7. Adenosine
 8. Inosinic acid (IMP)
 9. Guanosine monophosphate (GMP)
 10. Adenosine monophosphate (AMP)
 (100 mg/L each)