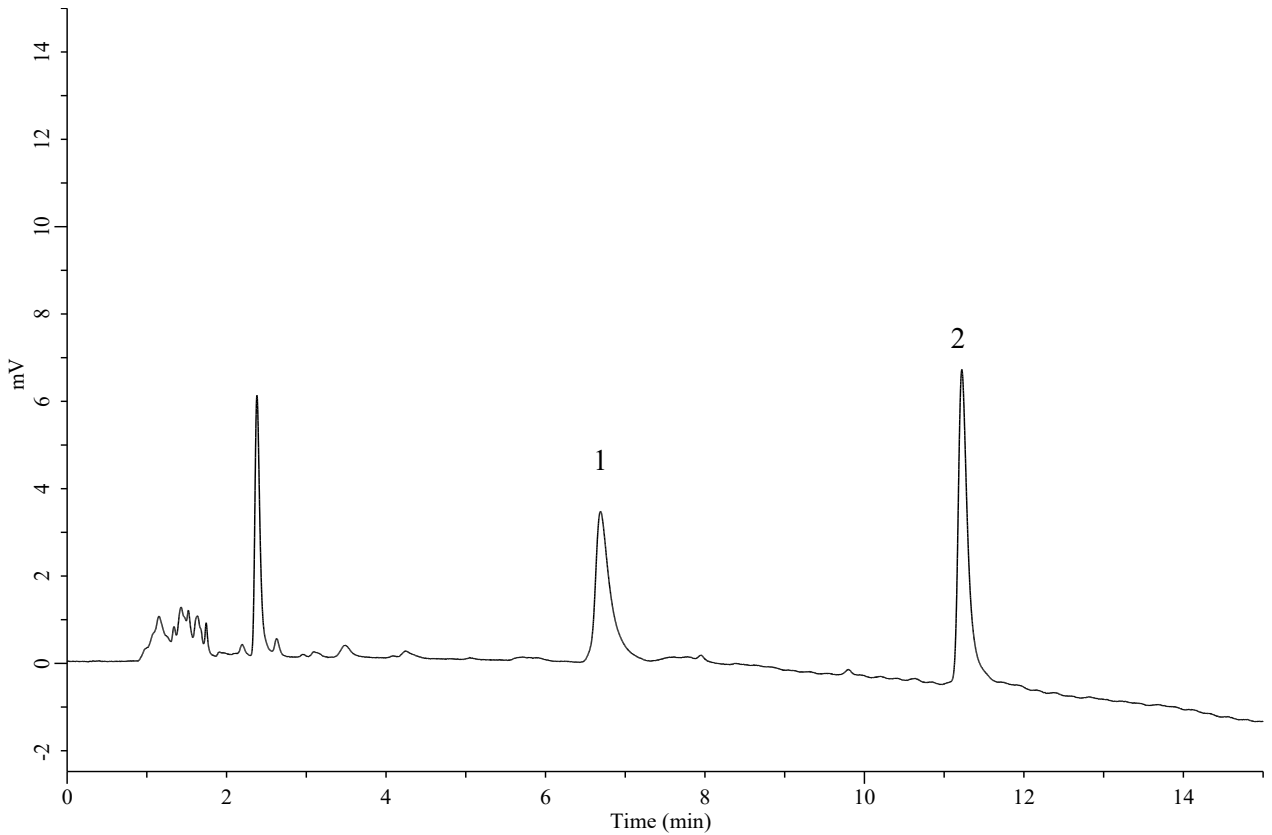


Analysis of Thiamine and Thiamine Pyrophosphate



Conditions

Column : Inertsil Hybrid-Z HILIC
(1.7 μm , 150 $\times$ 2.1 mm I.D, Metal-free hardware)
Column Cat. No. : 5020-76224
Eluent : A) CH_3CN
 B) 20 mM NH_4HCO_3 in H_2O

Analyte

1. Thiamine
 2. Thiamine Pyrophosphate
 (100 mg/L of each)

Time (min)	A (Vol. %)	B (Vol. %)
0	80	20
10	20	60

Flow Rate : 0.2 mL/min
Col. Temp. : 40 $^{\circ}\text{C}$
Detection : UV 254 nm
Injection Vol. : 0.5 μL