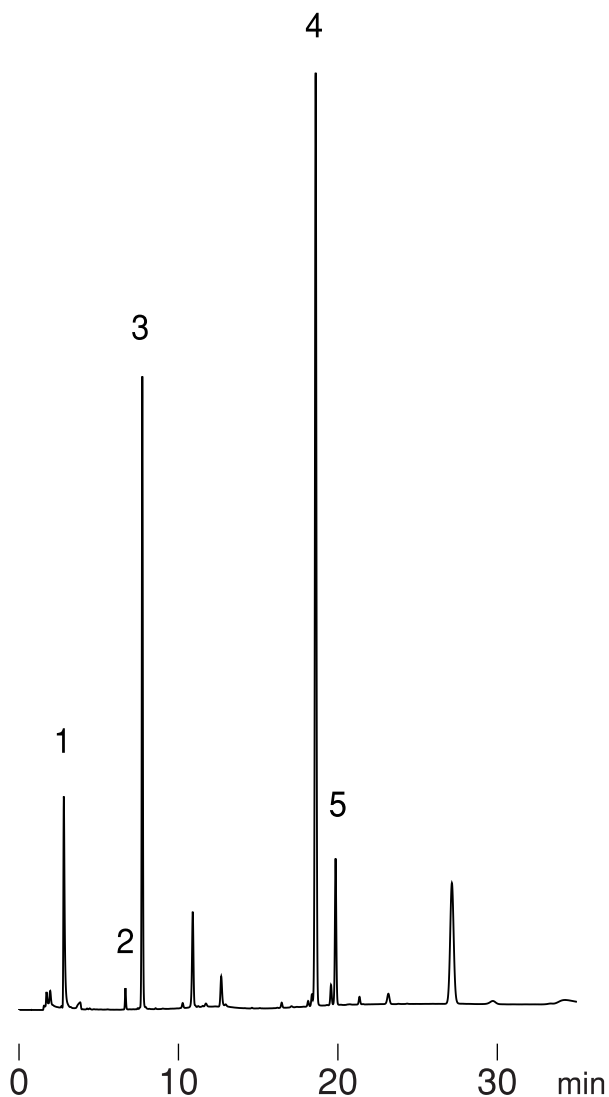


市販ドリンク剤中の水溶性ビタミン  
A drink including vitamins

F001011B



1. Thiamine HCl (Vitamin B<sub>1</sub>)
2. Pyridoxine HCl (Vitamin B<sub>6</sub>)
3. Nicotinamide
4. Caffeine
5. Flavin mononucleotide sodium salt (Vitamin B<sub>2</sub>)

Column : Hydrosphere C18 (5  $\mu$ m, 12nm)  
150  $\times$  4.6 mm I.D.

Eluent : A) 50mM KH<sub>2</sub>PO<sub>4</sub>-H<sub>3</sub>PO<sub>4</sub>(pH3.5)  
B) 50mM KH<sub>2</sub>PO<sub>4</sub>-H<sub>3</sub>PO<sub>4</sub>(pH3.5)/acetonitrile (80/20)  
0-90%B(0-20min), 90%B(20-30min)

Flow rate : 1.0 mL/min

Temperature : 30  $^{\circ}$ C

Detection : UV at 254 nm, 0.32AUFS

Injection : 15  $\mu$ L

Sample : 5 times dilution with water