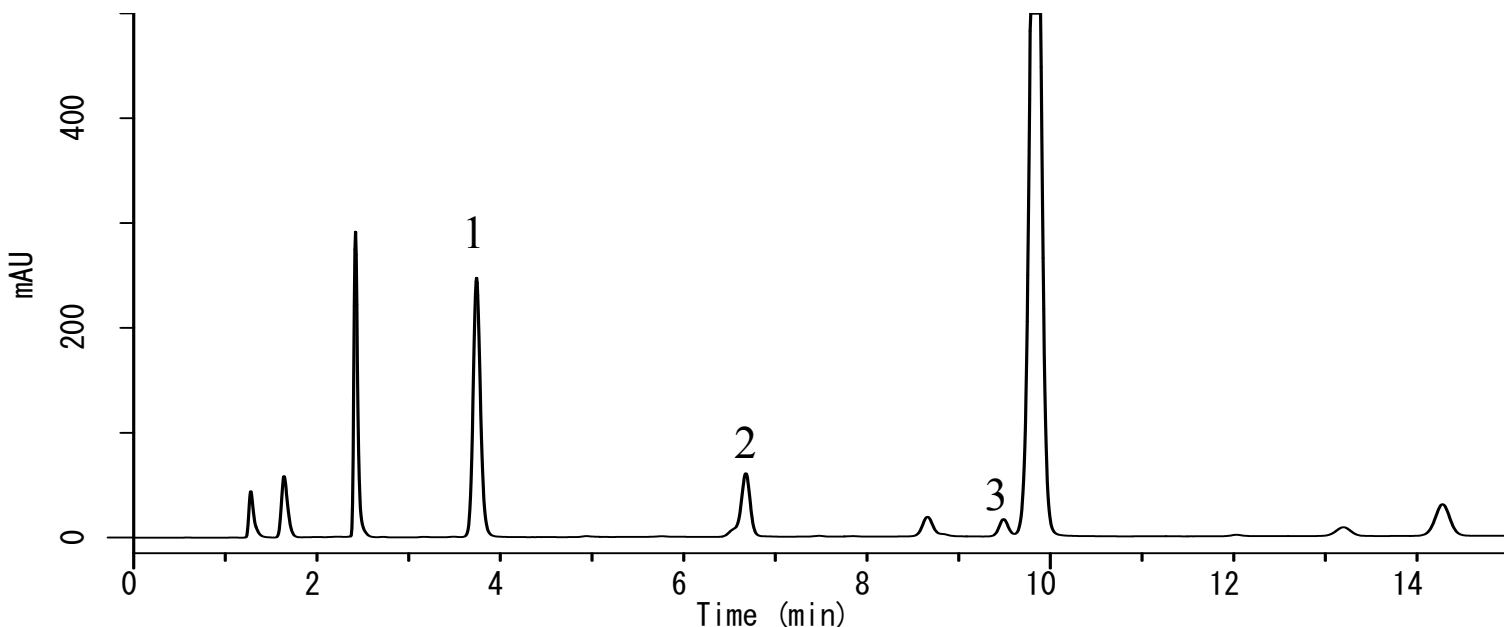


InertSearch™ for LC

Inertsil® Applications

Analysis of Vitamin B in energy drink

Data No. LA630-0696



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-3 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-01731
Eluent : A) CH₃CN
B) 0.2 % H₃PO₄, 5 mM IPCC-06
(IPCC-06: Sodium 1 - Hexanesulfonate)
A/B = 5/95 -15min- 20/80, v/v
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm (GL-7450 UV Detector)
Injection Vol. : 20 μ L
Sample : Vitamin B

Analyte:

1. Nicotinamide
2. Pyridoxine
3. Thiamine