Application Data

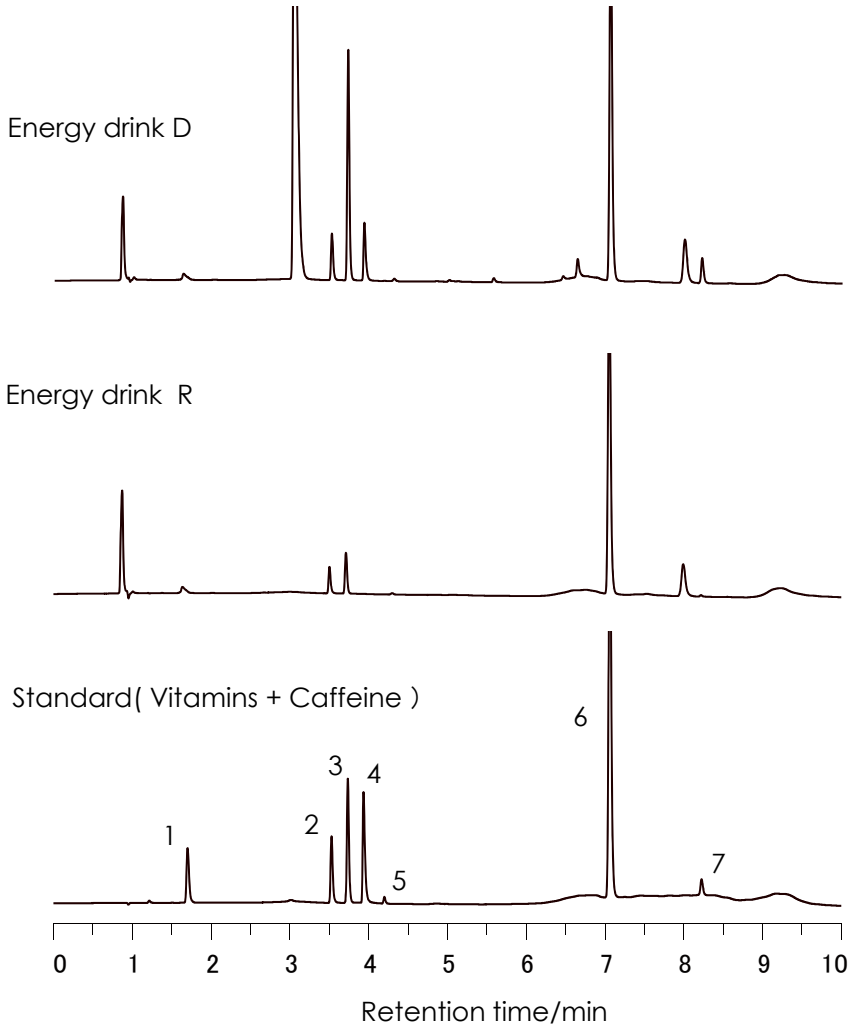
No. 1091H

ChromaNik Technologies Inc.

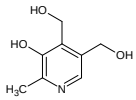
饮料中水溶性维生素的分离

Water-soluble vitamins in the drinks

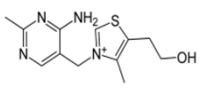
SunShell RP-AQUA 2.6 µm, 100 x 4.6 mm i.d.

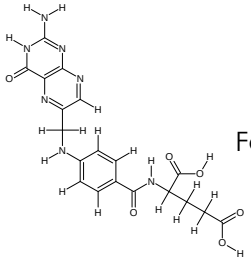


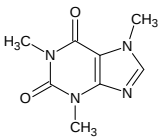
1  Nicotinic acid

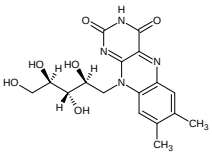
2  Pyridoxine HCl
Vitamin B_6

3  Nicotinamide

4  Thiamine HCl
Vitamin B_1

5  Folic acid

6  Caffeine

7  Riboflavin
Vitamin B_2

Column: SunShell RP-AQUA 2.6 µm, 100 x 4.6 mm
Mobile phase: A) 20mM Ammonium acetate
B) Acetonitrile

Time (min)	0	8	10
%B	0	20	20

Flow rate: 1.0 mL/min
Temperature: 40 °C
Detection: UV@230 nm
Injection volume: 1 µL

Instrulment	
Hitachi Chromaster®	
Detector:	5410
Oven:	5310
AutoSampler:	5260
Pump:	5160