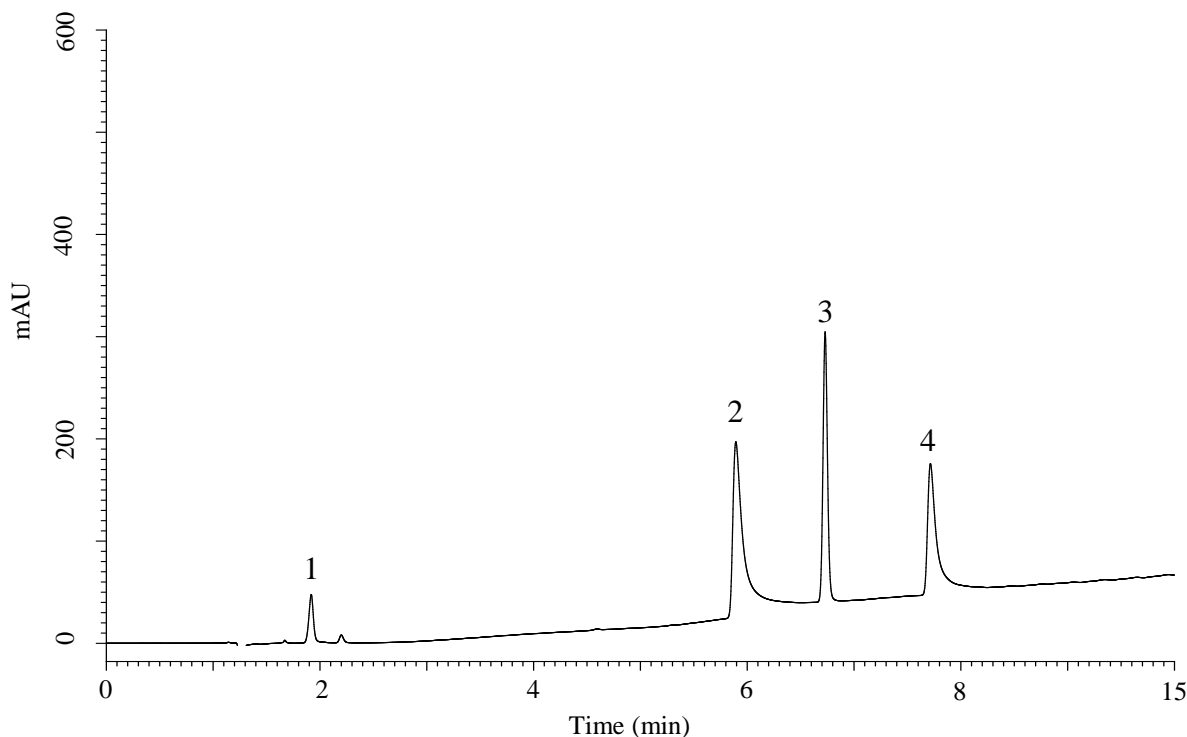


InertSearch for LC

Inertsil Applications

Analysis of components of coffee

Data No. LB734-0806



Conditions

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

Column Cat. No. : 5020-91039

Eluent : A) 10 mM HCOONH₄ in
(CH₃CN/H₂O = 90/10, v/v)
B) 10 mM HCOONH₄ in H₂O

Time (min)	A (Vol%)	B (Vol%)
0.0	2	98
10.0	40	60

Flow Rate : 0.3 mL/min

Col. Temp. : 40 °C

Detection : UV 215 nm

Injection Vol. : 1 μ L

Sample : Standard

Analyte:

1. Quinic acid 1,000 mg/L
2. Caffeic acid 100 mg/L
3. Caffeine 50 mg/L
4. Chlorogenic acid 100 mg/L