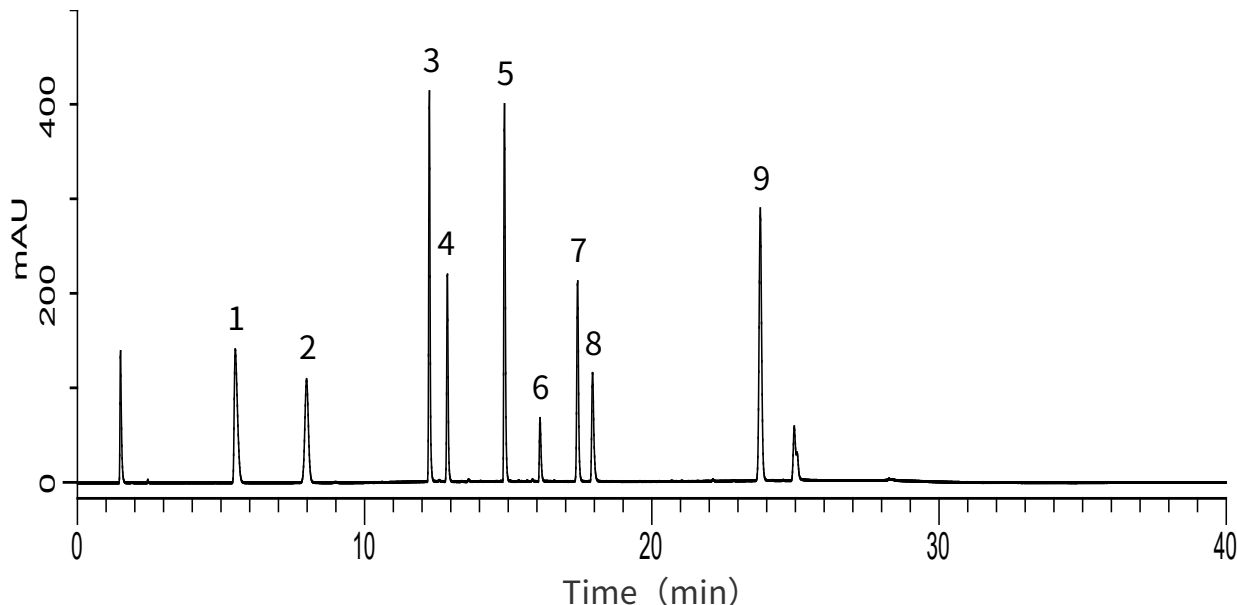


InertSearch™ for LC

Inertsil® Applications

Analysis of 9 Drugs

Data No. LB400-0785



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
(3 µm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃CN
B) 10 mM KH₂PO₄ in H₂O
(pH 7.0, 10 mM K₂HPO₄ in H₂O)

Time (min)	A (vol%)	B (vol%)
0.0	5	95
5.0	5	95
15.0	80	20
25.0	80	20
25.1	5	95
40.0	5	95

Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 220 nm (PD7752 PDA Detector)
Injection Vol. : 10 µL
Sample : Standard

Analyte:

1. Acetylsalicylic acid
2. Acetaminophen
3. Caffeine
4. Ranitidine
5. Ketoprofen
6. Berberine hydrochloride
7. Chlorpromazine
8. Dextromethorphan
9. Amitriptyline
(50 mg/L each)