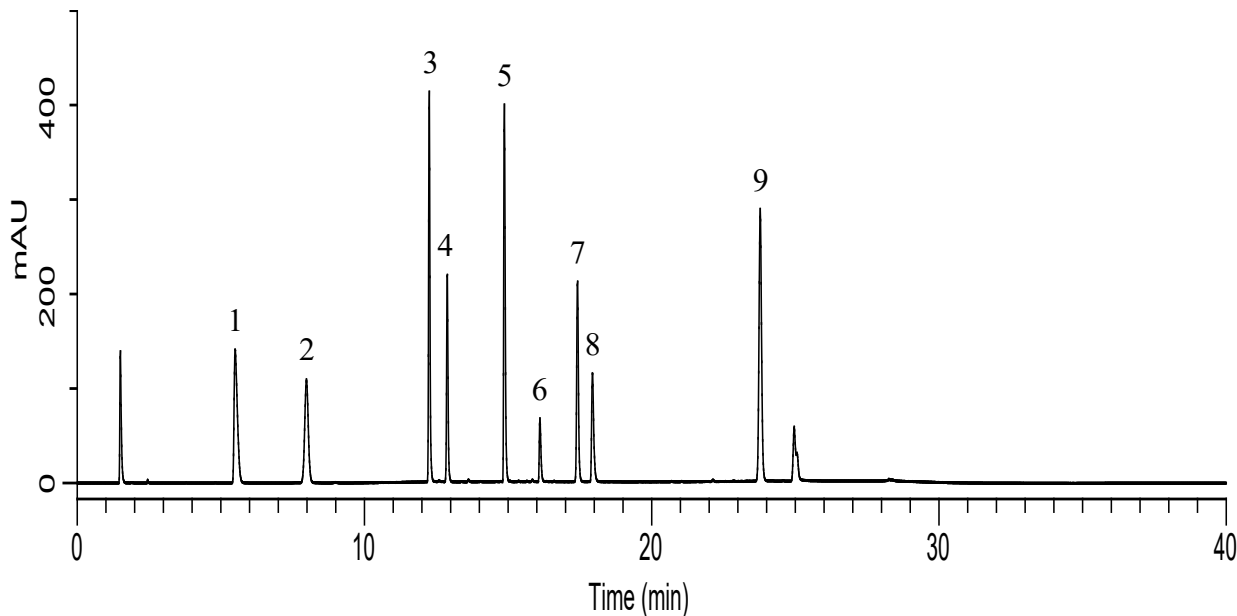


InertSearch™ for LC

Inertsil® Applications

Analysis of 9 Drugs

Data No. LB400-0785



Conditions

System : GL7700 HPLC system

Column : InertSustain C18
(3 μ m, 150 x 4.6 mm I.D.)

Column Cat. No. : 5020-07445

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 μ L

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)