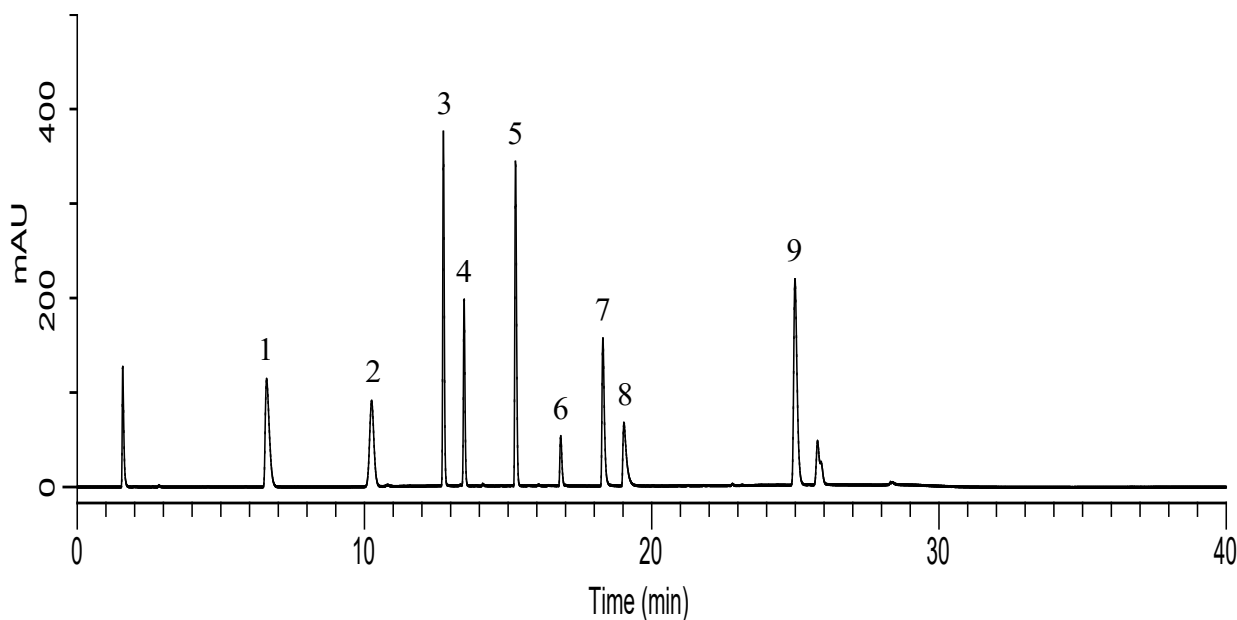


# InertSearch™ for LC

Inertsil® Applications

## Analysis of 9 Drugs

Data No. LB398-0785



### Conditions

**System** : GL7700 HPLC system

**Column** : InertSustain AQ-C18  
(3  $\mu$  m, 150 x 4.6 mm I.D.)

**Column Cat. No.** : 5020-89860

**Eluent** : A) CH<sub>3</sub>CN  
B) 10 mM KH<sub>2</sub>PO<sub>4</sub> in H<sub>2</sub>O  
(pH 7.0, 10 mM K<sub>2</sub>HPO<sub>4</sub> in H<sub>2</sub>O)

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  $\mu$  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)