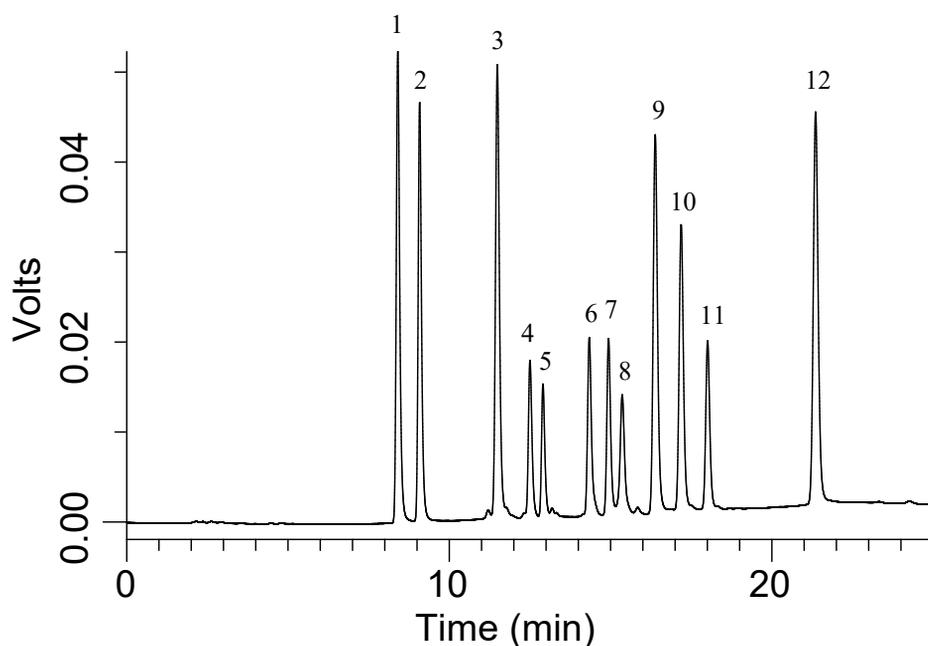


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Isoflavones

Data No. LA838-0700



### Conditions

**System** : AccuStream Capillary HPLC system  
**Column** : MonoCap C18 WideBore (250 x 0.5 mm I.D.)  
**Column Cat. No.** : 5020-10200  
**Eluent** : A) 0.1 % CH<sub>3</sub>COOH in CH<sub>3</sub>CN  
          : B) 0.1 % CH<sub>3</sub>COOH in H<sub>2</sub>O  
          : A/B = 10/90 - 20 min - 30/70 - 5 min - 30/70, v/v  
**Flow rate** : 25 µL/min  
**Col. Temp.** : Ambient  
**Detection** : UV 210 nm (MU701 18 nl cell)  
**Injection Vol.** : 5 µL  
**Analyte** : Isoflavone mixture

### Solutes:

1.	Daidzin	(2.5 mg/L)
2.	Glycitin	(2.5 mg/L)
3.	Grenistin	(2.5 mg/L)
4.	6''-O-Malonyldaizin	(2.5 mg/L)
5.	6''-O-Malonylglycitin	(2.5 mg/L)
6.	6''-O-Acetyldaizin	(2.5 mg/L)
7.	6''-O-Acetylglycitin	(2.5 mg/L)
8.	6''-O-Malonylgenistin	(2.5 mg/L)
9.	Daizein	(2.5 mg/L)
10.	Glycitein	(2.5 mg/L)
11.	6''-O-Acetylgenistin	(2.5 mg/L)
12.	Genistein	(2.5 mg/L)