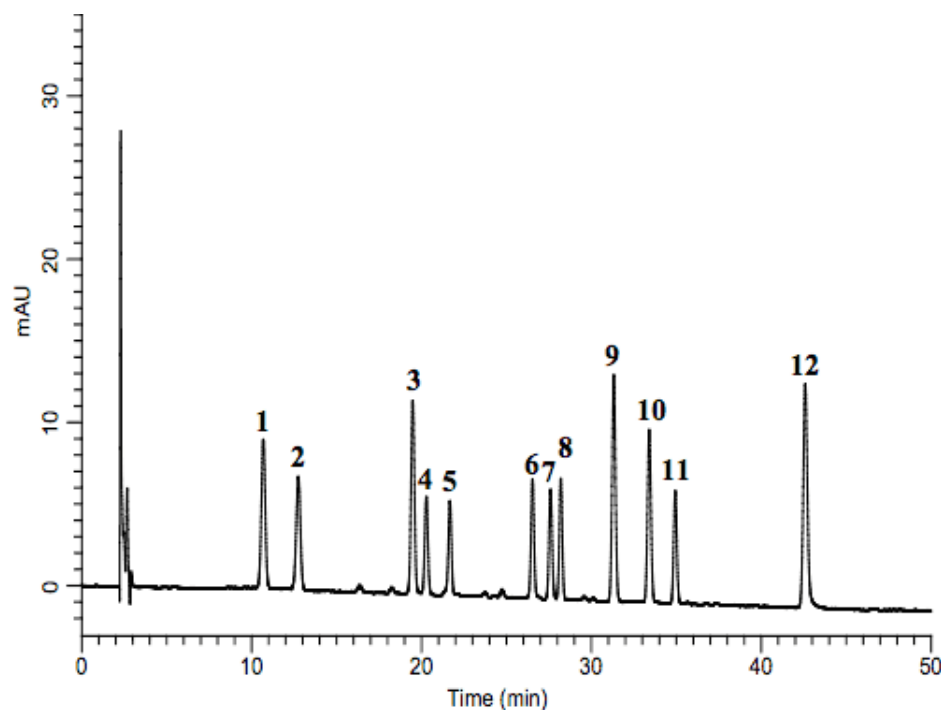


## Analysis of isoflavone

Data No. LA528-0696



System : GL-7400 system

Column : Inertsil ODS-SP (5  $\mu$  m, 250  $\times$  4.6 mm I.D.)

Column Cat. No. :

Eluent : A) 0.1 % Acetic acid in CH<sub>3</sub>CN

B) 0.1 % Acetic acid in H<sub>2</sub>O

A/B = 15/85 - 8 min -

15/85 - 42 min - 35/65, v/v

Flow rate : 1.5 mL/min

Col. Temp. : 35 °C

Detection : UV 254 nm (GL-7452A PDA detector)

Injection Vol. : 10  $\mu$  L

Sample : Isoflavone

Solutes : 1. Daidzin (D)(10 mg/L)

2. Glycitin (Gl)(10 mg/L)

3. Genistin (G)(10 mg/L)

4. 6''-O-Malonyldaidzin (MD)(10 mg/L)

5. 6''-O- Malonylglycitin (MGl)(10 mg/L)

6. 6''-O- Acetyldaidzin (AD)(10 mg/L)

7. 6''-O- Acetylglycitin (AGl)(10 mg/L)

8. 6''-O- Malonylgenistin (MG)(10 mg/L)

9. Daizein (De)(10 mg/L)

10. Glycitein (Gle)(10 mg/L)

11. 6''-O- Acetylgenistin (AG)(10 mg/L)

12. Genistein (Ge)(10 mg/L)