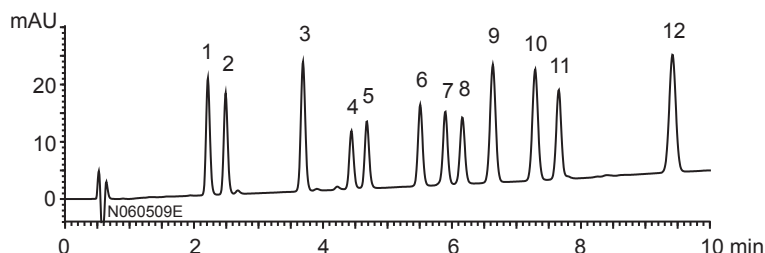


食品中の大豆イソフラボン  
Soy isoflavones in foods

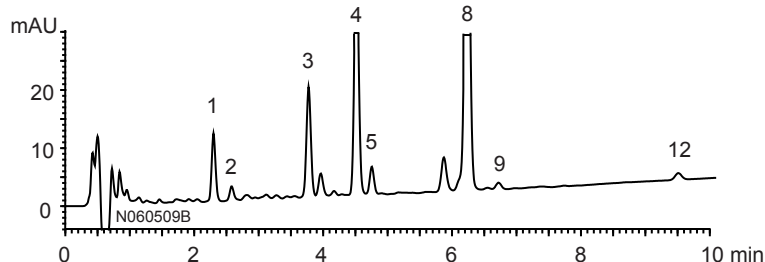
N080411Y

A) Standard  
(0.01 mg/mL)

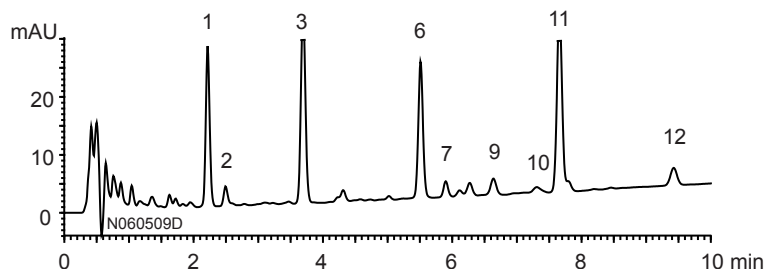


1. Daidzin
2. Glycitin
3. Genistin
4. 6"-O-Malonyldaidzin
5. 6"-O-Malonylglycitin
6. 6"-O-Acetyldaidzin
7. 6"-O-Acetylglycitin
8. 6"-O-Malonylgenistin
9. Daidzein
10. Glycitein
11. 6"-O-Acetylgenistin
12. Genistein

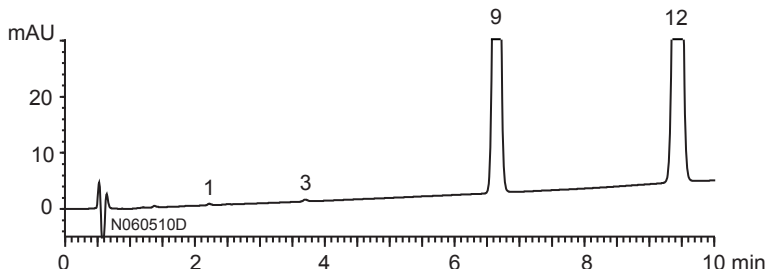
B) Soybean  
(1 g/30 mL)



C) Soybean flour  
(1 g/30 mL)



D) Tablet  
(0.05 g/30 mL)



**Sample preparation method**

Sample B-D

← 50% aqueous ethanol  
Stirred at r.t. for 1 hr.  
|  
Filtration  
|  
Injection

Column : Hydrosphere C18 (3  $\mu$ m, 12 nm)  
50 X 4.6 mmI.D.  
Eluent : A) water / acetic acid (100/3)  
B) acetonitrile / water / acetic acid (50/50/3)  
25-60%B (0-10 min)  
Flow rate : 1.5 mL/min  
Temperature : 35°C  
Detection : UV at 254 nm  
Injection : 3  $\mu$ L