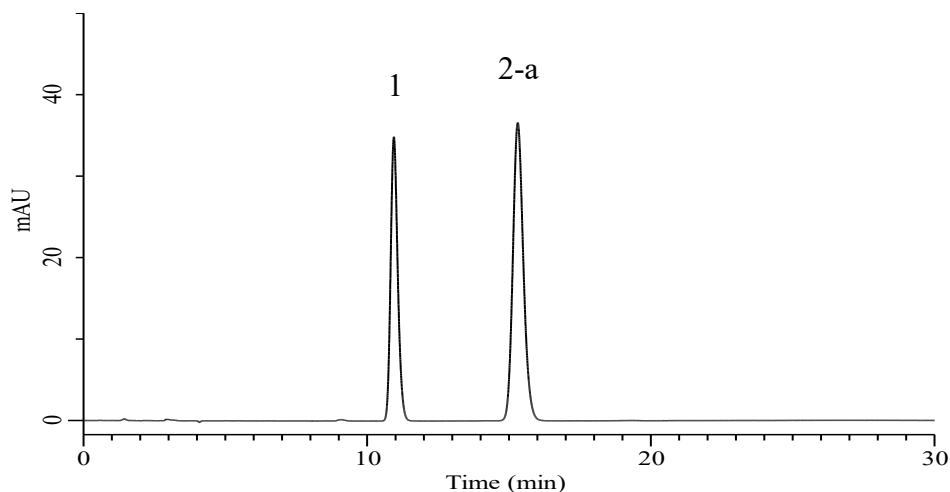


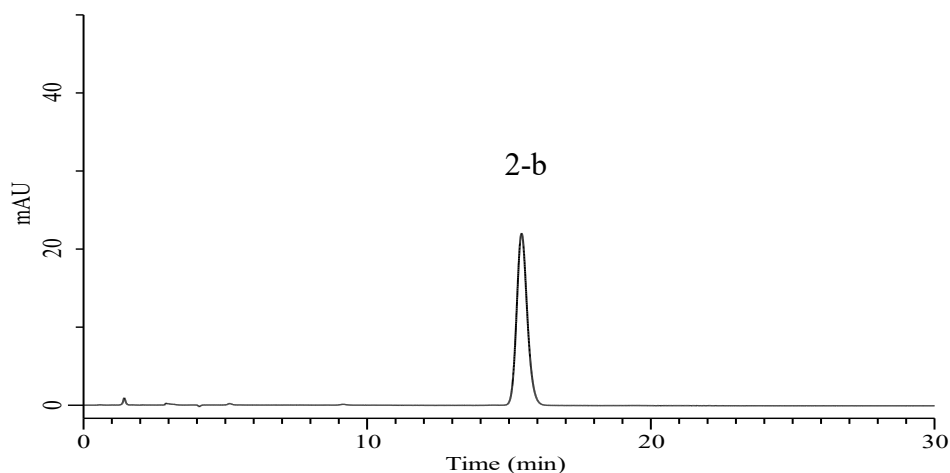
## Analysis of Geniposide

(Under the Condition of the Japanese Pharmacopoeia 19th, Gardenia Fruits, ASSAY)

(Under the Condition of the Japanese Pharmacopoeia 19th, Powdered Gardenia Fruits, ASSAY)



System performance solution



Standard solution

### Conditions

**System** : Primaide (HITACHI)  
**Column** : InertSustain C18 (GL Sciences Inc.)  
                   (5  $\mu$ m, 150 x 6.0 mm I.D.)  
**Column Cat. No.** : 5020-07355  
**Eluent** : CH<sub>3</sub>CN/H<sub>2</sub>O=3/22, v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 30 °C  
**Detection** : UV 240 nm (Primaide 1410 UV)  
**Injection Vol.** : 10  $\mu$ L  
**Sample** : Standard in CH<sub>3</sub>OH

### Analyte:

1. Caffeine, anhydrous 66.7  $\mu$ g/mL  
 2-a. Geniposide 66.7  $\mu$ g/mL  
 2-b. Geniposide 50.0  $\mu$ g/mL

Resolution : 7.83 ( $\geq$  3.5)

RSD of  
 the peak area (2-b)(%)(n=6) : 0.33 ( $\leq$  1.5)