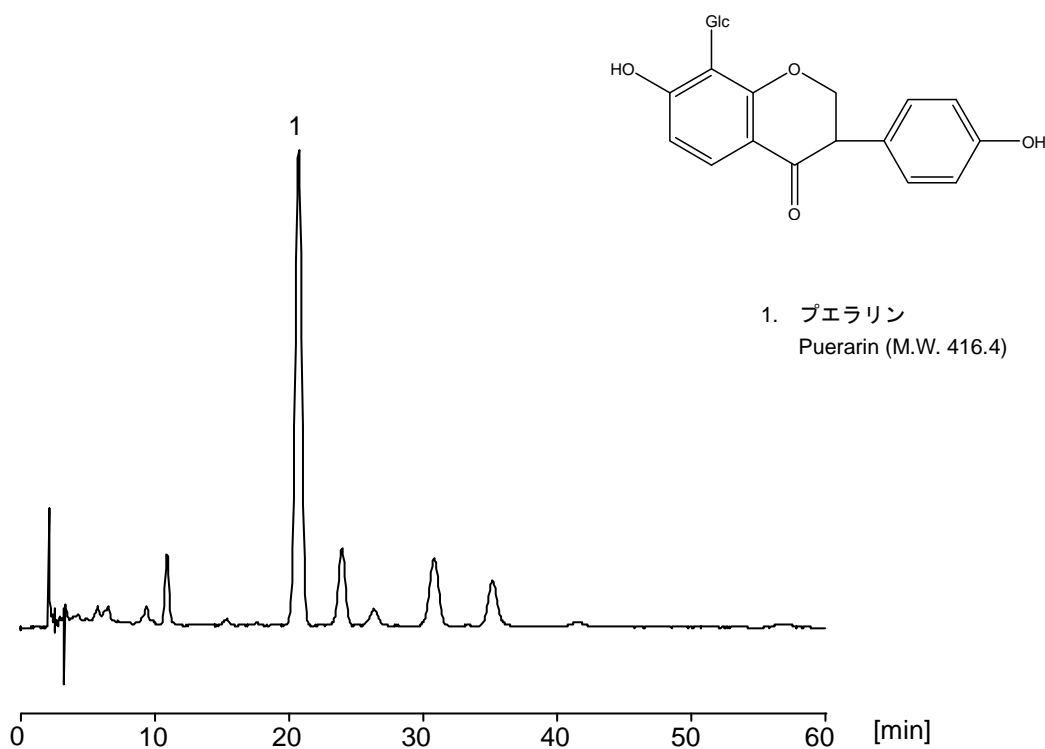


カッコン中のプエラリンの分析

Puerarin

カッコン中のプエラリンについて、中国薬典 2010 に記載された葛根純度試験項目で指定された方法に準じ、CAPCELL PAK C₁₈ MGII S5 を用いて測定した例を示します。

Puerarin in puerariae radix is measured with the method specified in the Puerariae purity test items in China Pharmacopoeia 2010. The chromatogram by using CAPCELL PAK C₁₈ MGII S5 is shown here.



【HPLC Conditions】

| | |
|--------------|--|
| Column | : CAPCELL PAK C ₁₈ MGII S5 ; 4.6 mm i.d.x 250 mm |
| Mobile phase | : H ₂ O / CH ₃ OH = 75 / 25 |
| Flow rate | : 1 mL/min |
| Temperature | : 25°C |
| Detection | : UV 250 nm |
| Inj. vol. | : 10 μL |
| Pretreatment | : 0.1 g of the powder of Puerariae Lobatae Radix was dispersed in a mix solvent (50 mL, H ₂ O / C ₂ H ₅ OH = 70 / 30). The dispersion was refluxed on a water bath for 30 minutes. After cooling it down, the dispersion was filtered with filter paper. The residue was rinsed with the solvent. |