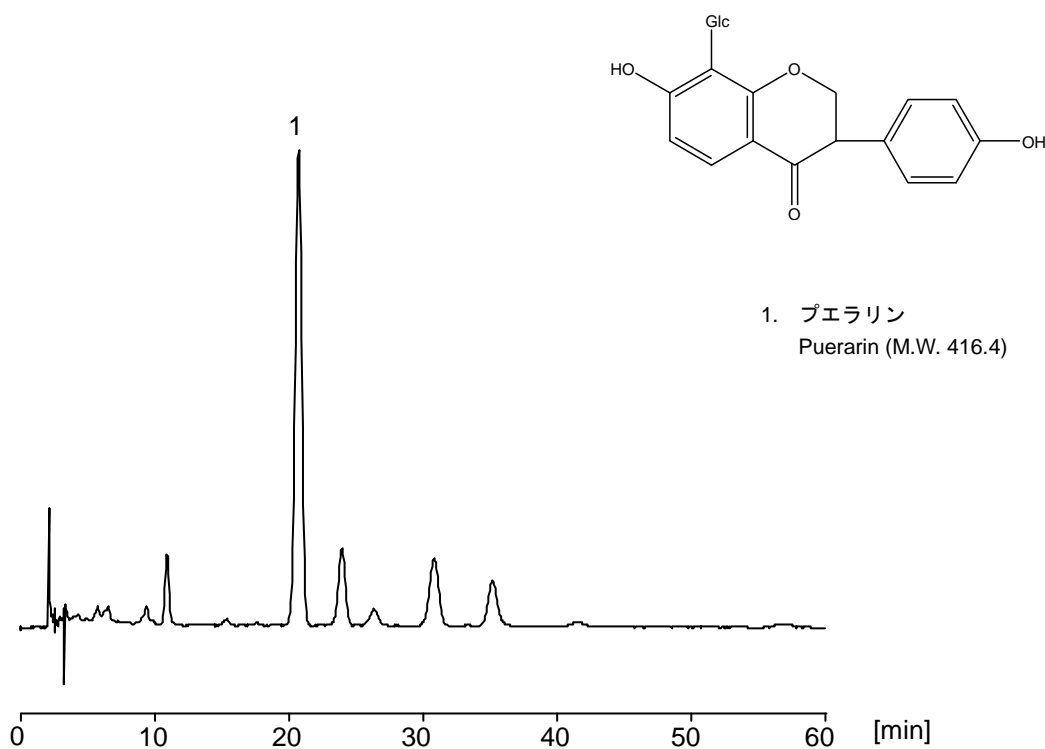


カッコン中のプエラリンについて、中国薬典 2010 に記載された葛根純度試験項目で指定された方法に準じ、CAPCELL PAK C₁₈ MGII S5 を用いて測定した例を示します。

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.