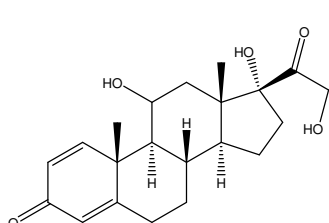
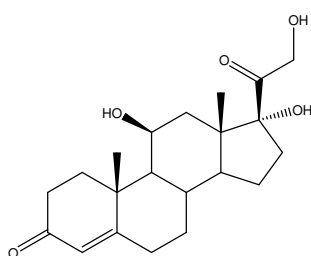


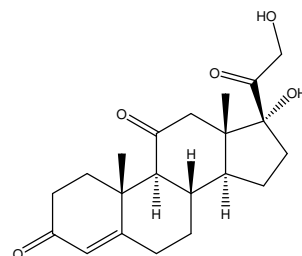
プレドニゾン、ヒドロコルチゾン及びコルチゾンの 3 種のステロイドを CAPCELL PAK C<sub>18</sub> KG S5 (4.6 mm i.d. x 250 mm) で分析した例を示します。



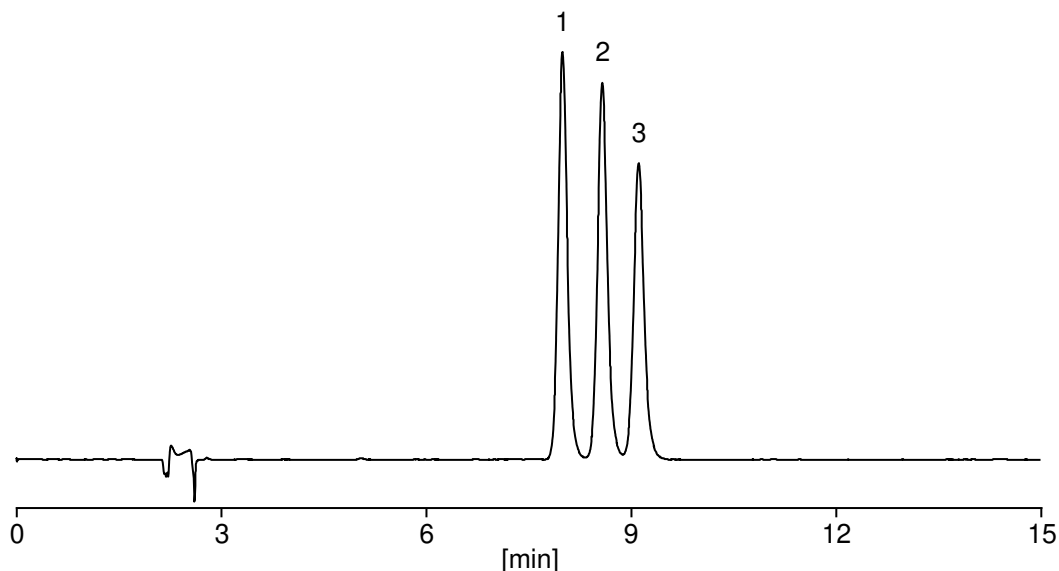
1. プレドニゾン (100 µg/mL)  
Prednisolone (M.W. 360.4)



2. ヒドロコルチゾン (100 µg/mL)  
Hydrocortisone (M.W. 362.5)



3. コルチゾン (100 µg/mL)  
Cortisone (M.W. 360.4)



#### 【HPLC Conditions】

Column	: CAPCELL PAK C <sub>18</sub> KG S5 ; 4.6 mm i.d. x 250 mm
Mobile phase	: H <sub>2</sub> O / CH <sub>3</sub> CN = 70 / 30
Flow rate	: 1 mL/min
Temperature	: 40 °C
Detection	: UV 254 nm
Inj. vol.	: 5 µL
Sample dissolved in	: Prednisolone was dissolved in methanol at 2 mg/mL. Hydrocortisone and cortisone were separately dissolved in methanol at 1 mg/mL. 50 µL of prednisolone solution and 100 µL of other solutions were mixed together and water was added to the mixture to make 1 mL.

※ 1 µg/mL = 1 ppm