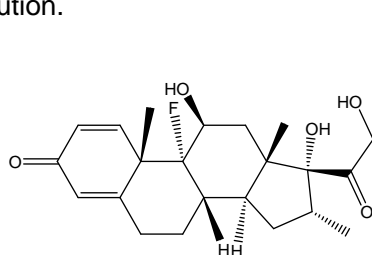


デキサメタゾン

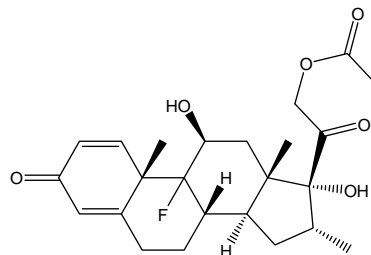
Dexamethasone

2 種のステロイド系抗炎症薬, デキサメタゾン, 酢酸デキサメタゾンは, CAPCELL CORE C₁₈ S2.7 (2.1 mm i.d. x 50 mm) を用いたグラジエント条件により, 良好に分離されました.

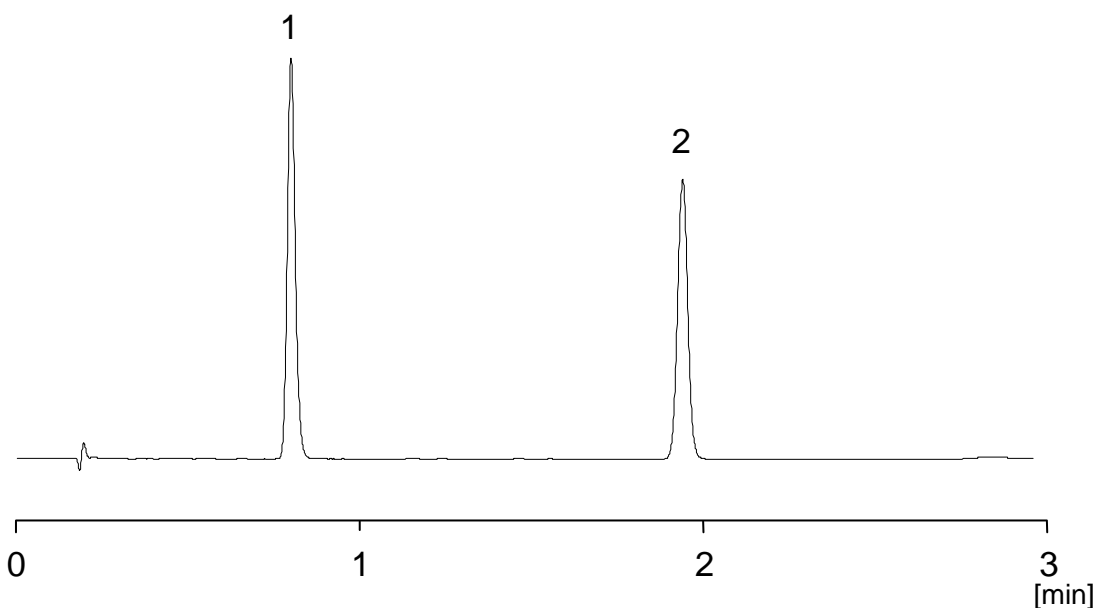
Two steroidal anti-inflammatory drugs, dexamethasone and dexamethasone acetate, were efficiently separated with CAPCELL CORE C₁₈ S2.7 (2.1 mm i.d. x 50 mm) under a gradient elution.



1. デキサメタゾン (50 µg/mL)
Dexamethasone (M.W. 392.5)



2. 酢酸デキサメタゾン (50 µg/mL)
Dexamethasone acetate (M.W. 434.5)



【HPLC Conditions】

Column : CAPCELL CORE C₁₈ S2.7 ; 2.1 mm i.d. x 50 mm
Mobile phase : A) H₂O B) CH₃CN
B 30 %(0 min) → 40 %(2.5 min) → 30 %(2.6 min) Gradient
Flow rate : 600 µL/min
Temperature : 40 °C
Detection : UV 240 nm
Inj. vol. : 3 µL
Sample dissolved in : Each compound was separately dissolved at 1 mg/mL in acetonitrile and diluted to 50 µg/mL with water.
※ 1 µg/mL = 1 ppm