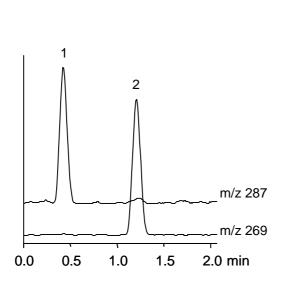
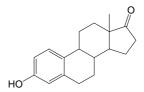
エストロゲン

Estrogens

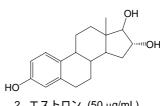
著しく短いセミミクロカラムを使用することで,低圧下で高速分析をすることが可能となります.

An extremely short semi-microcolumn makes it possible to run a rapid analysis under a low pressure.

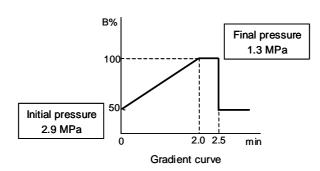




 エストリオール (50 μg/mL) Estriol (M.W. 288.4)



2. エストロン (50 μg/mL) Estrone (M.W. 270.4)



[HPLC Conditions]

Column : CAPCELL PAK C₁₈ MGII S3 ; 1.5 mm i.d. x 10 mm

Mobile phase : A) H₂O, B) CH₃OH

B 50% (0.0 min) -> 100% (2.0 min) -> 100% (2.5 min) ->

50% (2.5 min) Gradient

Flow rate : 200 μ L/min Temperature : 40 $^{\circ}$ C

Detection : MS ESI Negative

Inj. vol. : $2 \mu L$

Sample dissolved in : Both compounds were separately dissolved in methanol at 1

mg/mL. 50 μ L of both solutions were added together, and the mixture was diluted to 1 mL with 50% methanol (50 μ g/mL each).

 \Re 1 μ g/mL = 1 ppm