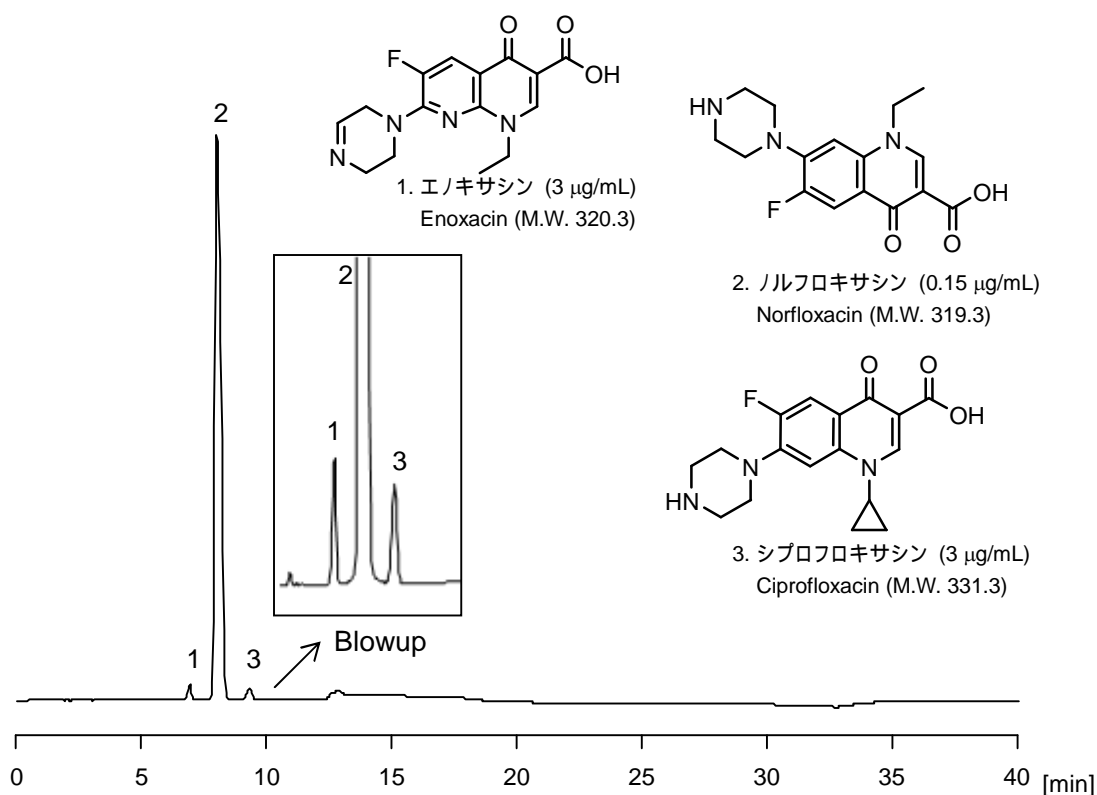


フルオロキノロン系抗菌剤 Fluoroquinolone antibacterial agents

三種のフルオロキノロン系抗菌剤，エノキサシン，ノルフロキサシン，及びシプロフロキサシンを中国薬典に記載された方法にて分析した結果を示しました．カラムには CAPCELL PAK C₁₈ MGII S5 (4.6 mm i.d. x 250 mm) を用いました．

Three fluoroquinolone antibacterial agents, enoxacin, norfloxacin, and ciprofloxacin, were analyzed according to the method described in the Chinese Pharmacopoeia. The column used here was CAPCELL PAK C₁₈ MGII S5 (4.6 mm i.d. x 250 mm).



[HPLC Conditions]

Column : CAPCELL PAK C₁₈ MGII S5 ; 4.6 mm i.d. x 250 mm
 Mobile phase : A) 25 mmol/L H₃PO₄ (adjusted at pH 3.0 with triethylamine) / CH₃CN = 87 / 13
 B) CH₃CN
 B 0 % (0 min) 0 % (10 min) 50 % (20 min) 50 % (30 min)
 0 % (32 min) 0 % (42 min) Gradient
 Flow rate : 1.4 mL/min
 Temperature : 40 °C
 Detection : PDA 278 nm
 Inj. vol. : 20 µL
 Sample dissolved in : Mobile phase A