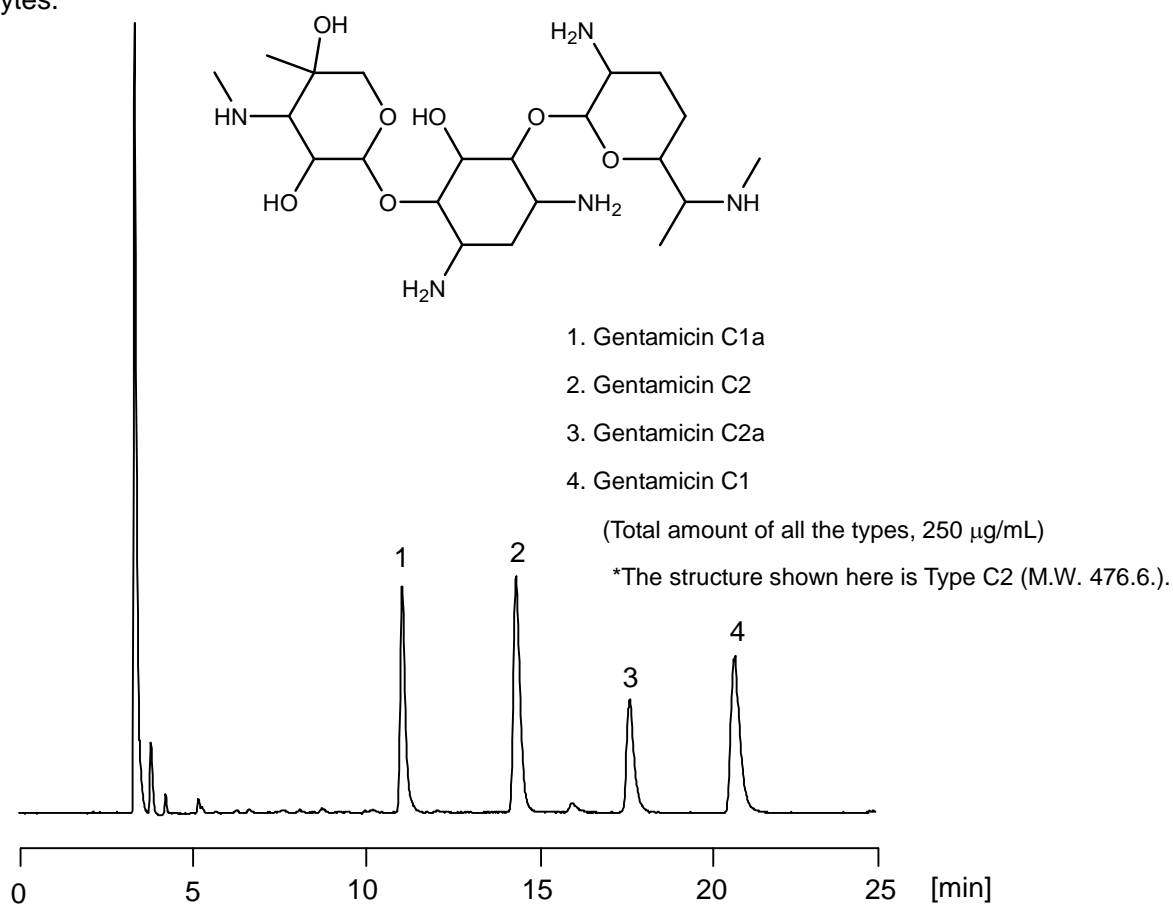


ゲンタマイシン

Gentamicin

アミノグリコシド系の抗生物質，ゲンタマイシンは光学的な検出が困難なため NQAD による検出が有効な手段です。

Gentamicin, one of the aminoglycoside antibiotics, does not possess an optically detectable moiety. Nano Quantity Analyte Detector (NQAD) is a convenient tool for such analytes.



【HPLC Conditions】

Column	: CAPCELL PAK C ₁₈ ACR S3 ; 4.6 mm i.d. x 250 mm
Mobile phase	: 200 mmol/L TFA / CH ₃ OH = 94 / 6
Flow rate	: 600 µL/min
Temperature	: 40
Detection	: NQAD (Evaporation 35 °C, Nebulization 30 °C, Filter 2.5 sec)
Inj. vol.	: 20 µL
Sample dissolved in	: Mobile phase
	1 µg/mL = 1 ppm