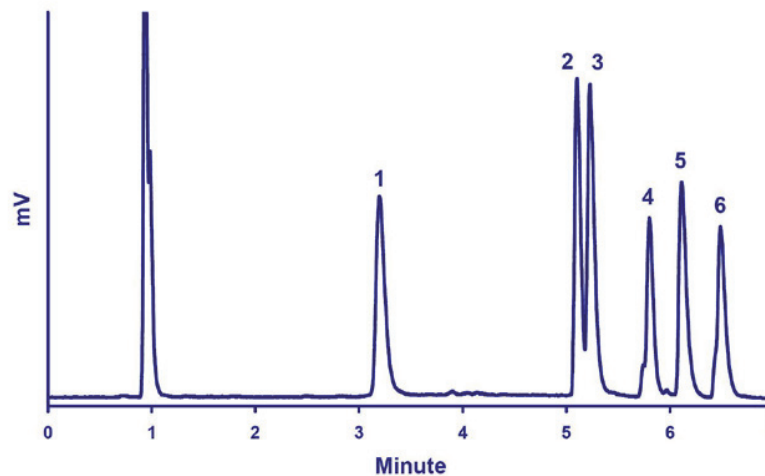


Direct HILIC/LT-ELSD Analysis of Aminoglycoside Antibiotics



Chromatogram of 6 Aminoglycoside Antibiotics by HILIC/LT-ELSD

Standard mixture: 1- Streptomycin, 2- Amikacin, 3- Kanamycin, 4- Paromomycin, 5- Tobramycin, 6- Neomycin (1000ppm each)

Injection volume: 2 μ L

Column: Ascentis Express HILIC (2.7 μ m, 2.1 x 150mm), 30°C

Flowrate: 0.5mL/min

Eluent: Ammonium acetate 150mM, pH:5 (A) / ACN (B)

Gradient: 0-1 minute: 60%B, 1-5 minutes: from 60%B to 5%B, 5-7 minutes: 5%B

Detector: SEDEX 90LT, 60°C, 3.5Bars