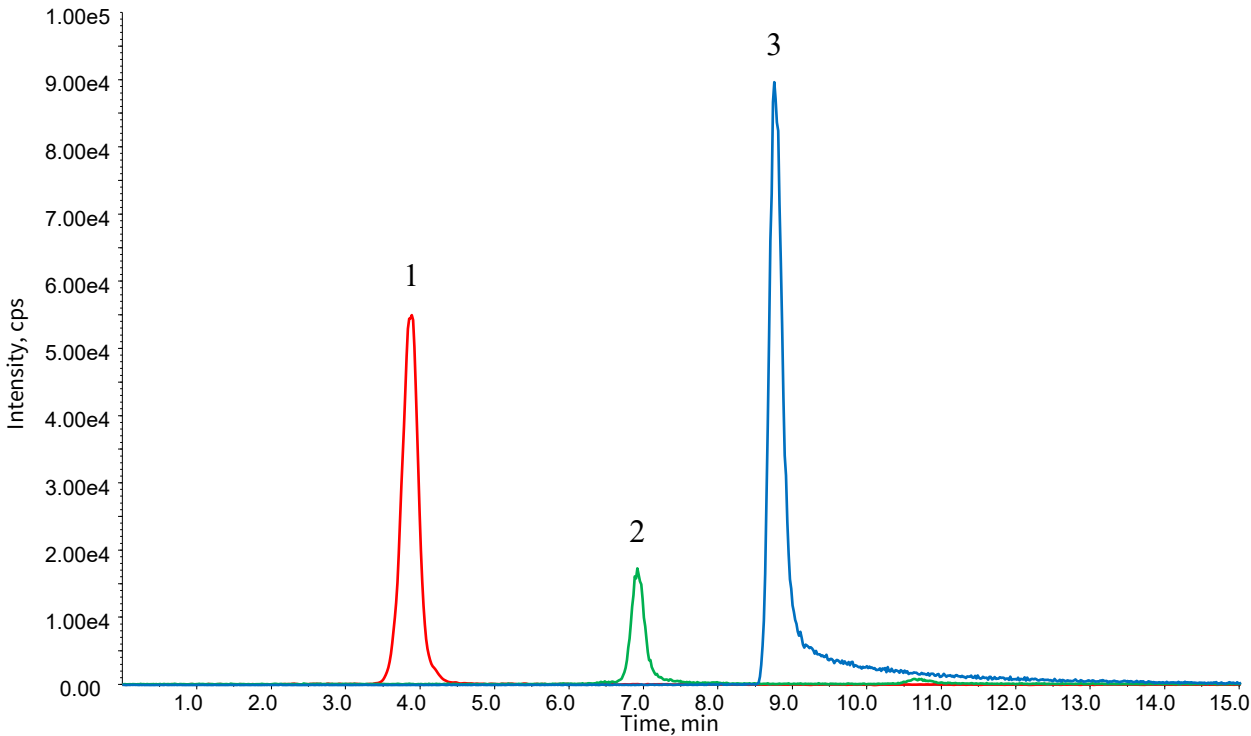


InertSearch™ for LC

Inertsil® Applications

Analysis of Aminoglycoside Antibiotics

Data No. LB331-0848



Conditions

System : LC800 HPLC System
Column : Inertsil Amide
(5 µm, 150 x 2.1 mm I.D., Metal-free hardware)
Column Cat. No. : 5020-00524
Eluent : A) 0.1 % HCOOH in CH₃CN
B) 0.1 % HCOOH in H₂O

Analyte:	Q1	Q3
1. Spectinomycin (SPCM)	351	333
2. Streptomycin (SM)	292	176
3. Kanamycin (KM)	243	162
	(500 µg/L each)	

Time (min)	A (vol%)	B (vol%)
0.0	70	30
10.0	50	50
10.1	70	30
15.0	70	30

Flow Rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : LC/MS/MS (4000 QTRAP® ESI, Positive, MRM)
CUR CAD IS TEM GS1 GS2 ihe
10 7 5500 700 80 80 on
Injection Vol. : 10 µL
Sample : Standard