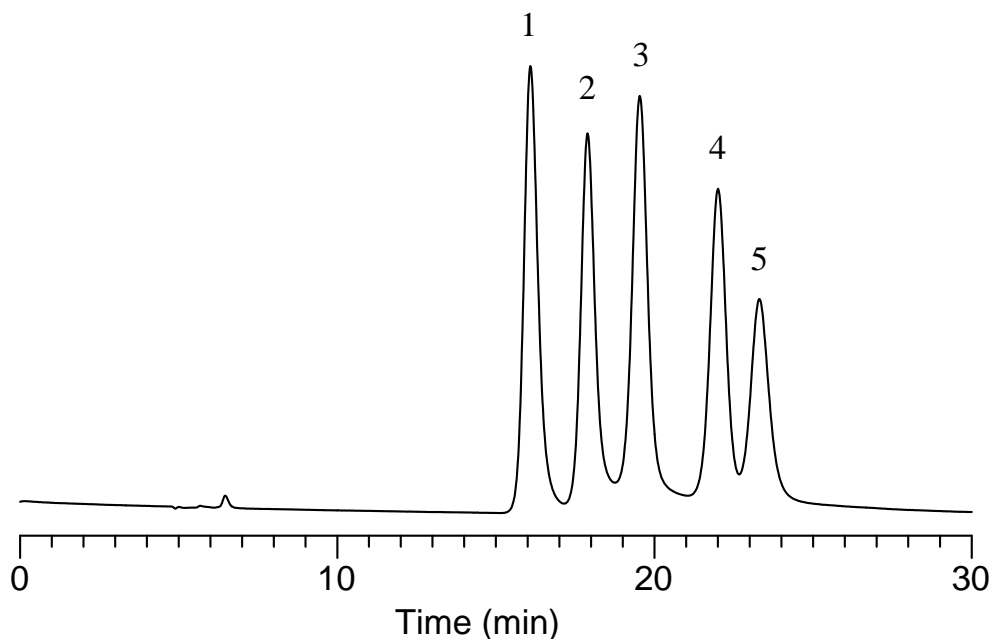


InertSearch™ for LC

Inertsil® Applications

Analysis of neutral sugars and amino sugars

Data No. LB347-0919



Conditions

System : GL7700 HPLC system
Column : InertSphere Sugar-1
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-11001
Eluent : (20 mM NaOH + 8 mM CH₃COONa) in H₂O
Flow Rate : 0.3 mL/min
Col. Temp. : 30 °C
Detection : ECD Pulse Mode (ED723, Gold)

E1:	150 mV	t1:	600 ms
E2:	-1500 mV	t2:	50 ms
E3:	600 mV	t3:	50 ms
E4:	-200 mV	t4:	100 ms
		ts:	50 ms

Analyte:

1. Fucose	10 mg/L
2. Galactosamine	10 mg/L
3. Glucosamine	10 mg/L
4. Galactose	10 mg/L
5. Mannose	10 mg/L

Injection Vol. : 10 μ L
Sample : Standard