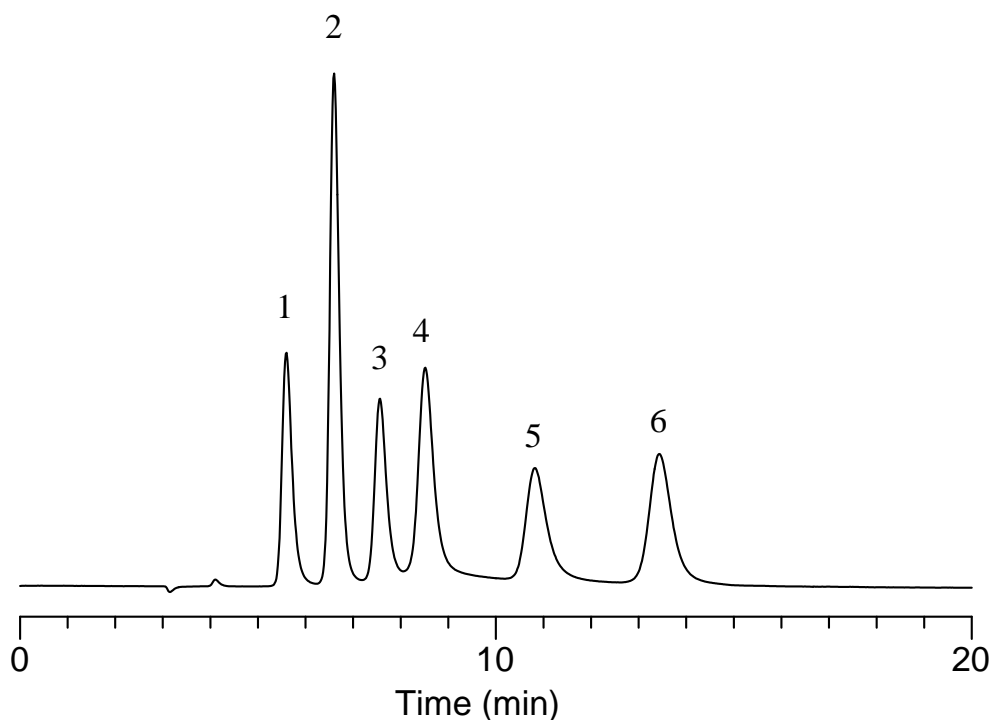


InertSearch™ for LC

Inertsil® Applications

Analysis of 6 kinds of monosaccharides and disaccharides

Data No. LB345-0919



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 : 200 mM NaOH in H₂O
Flow Rate : 0.5 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. Trehalose	10 mg/L
2. Glucose	10 mg/L
3. Fructose	10 mg/L
4. Lactose	10 mg/L
5. Sucrose	10 mg/L
6. Maltose	10 mg/L

Injection Vol. : 10 μ L
Sample : Standard