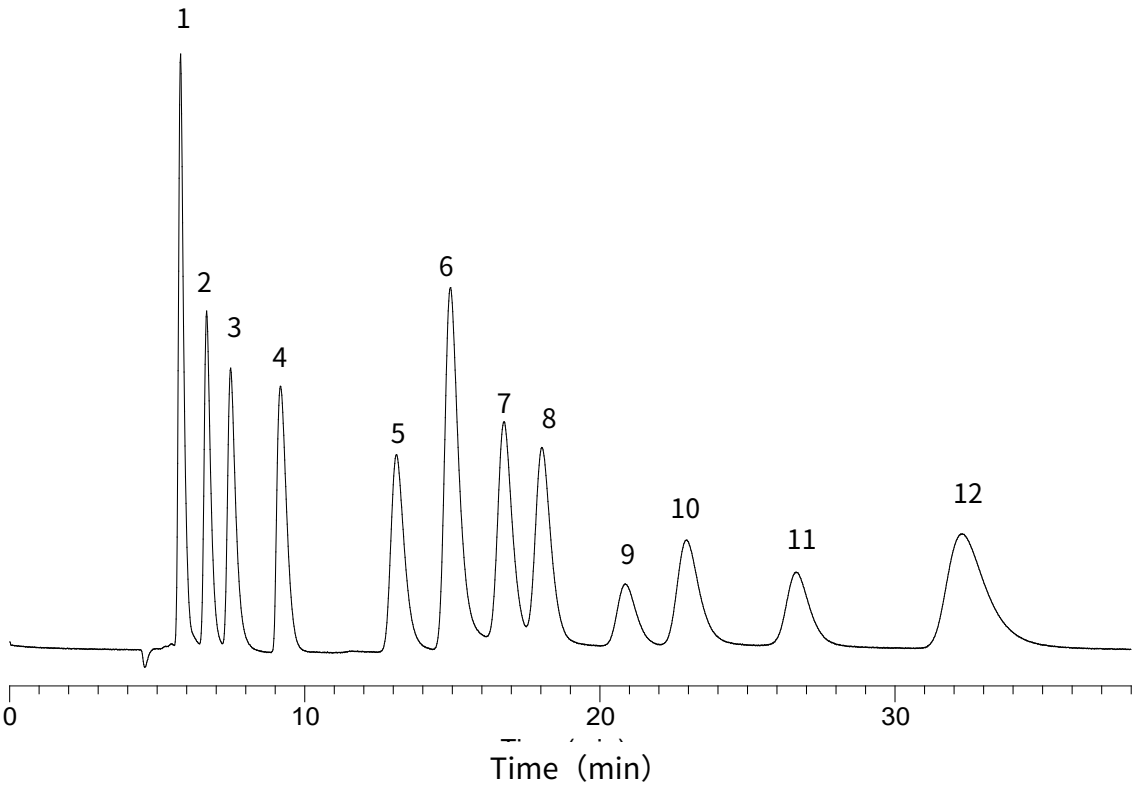
InertSearch™ for LC

Inertsil® Applications

Analysis of Sugars and Sugar Alcohols

Data No. LA924-0812



Conditions

System	: LC700 system			
Column	: InertSphere Sugar-1 (5µm, 150 x 4.6 mm I.D.)			
Column Cat. No.	: 5020-11001			
Eluent	: 20 mM NaOH, 8 mM CH_3COONa			
Flow rate	: 0.3 mL/min			
Col. Temp.	: 25°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
Injection Vol.	: 20 µL			
Sample	: Sugars and sugar alcohols			

Analyte:

1. Inositol	(5 mg/L)
2. Arabitol	(5 mg/L)
3. Mannitol	(5 mg/L)
4. Ethanol	(5 mg/L)
5. Fucose	(5 mg/L)
6. Galactosamine	(5 mg/L)
7. Galactose	(5 mg/L)
8. Glucose	(5 mg/L)
9. Sorbose	(5 mg/L)
10. Lactose	(5 mg/L)
11. Threose	(5 mg/L)
12. Talose	(5 mg/L)