Analysis of Sugars and Sugar Alcohols

Data No. LA924-0812
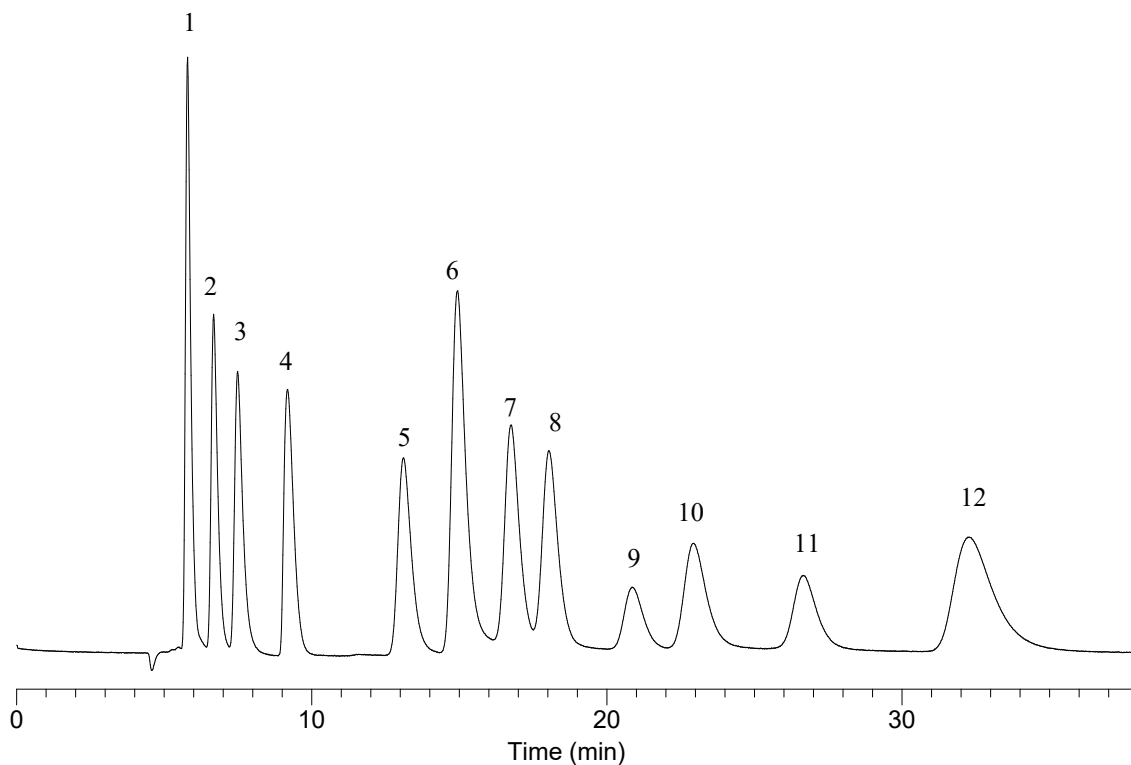
Conditions

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℃
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)

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