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Simultaneous analysis of sugars and sweeteners using the ULTRON AF-HILIC-CD (HT)

Column: ULTRON AF-HILIC-CD (HT) (2 μ m)
Column size: 150 mm x 2.0 mm I.D.
Mobile phase: A 100 mM CH₃CO₂NH₄ (pH 6.8)/CH₃CN = 10/90 (v/v)
B 100 mM CH₃CO₂NH₄ (pH 6.8)/CH₃CN = 70/30 (v/v)
Flow rate: 0.32 mL/min
Gradient: 35 minutes gradient, 90% - 80%
with 15 minutes re-equilibration

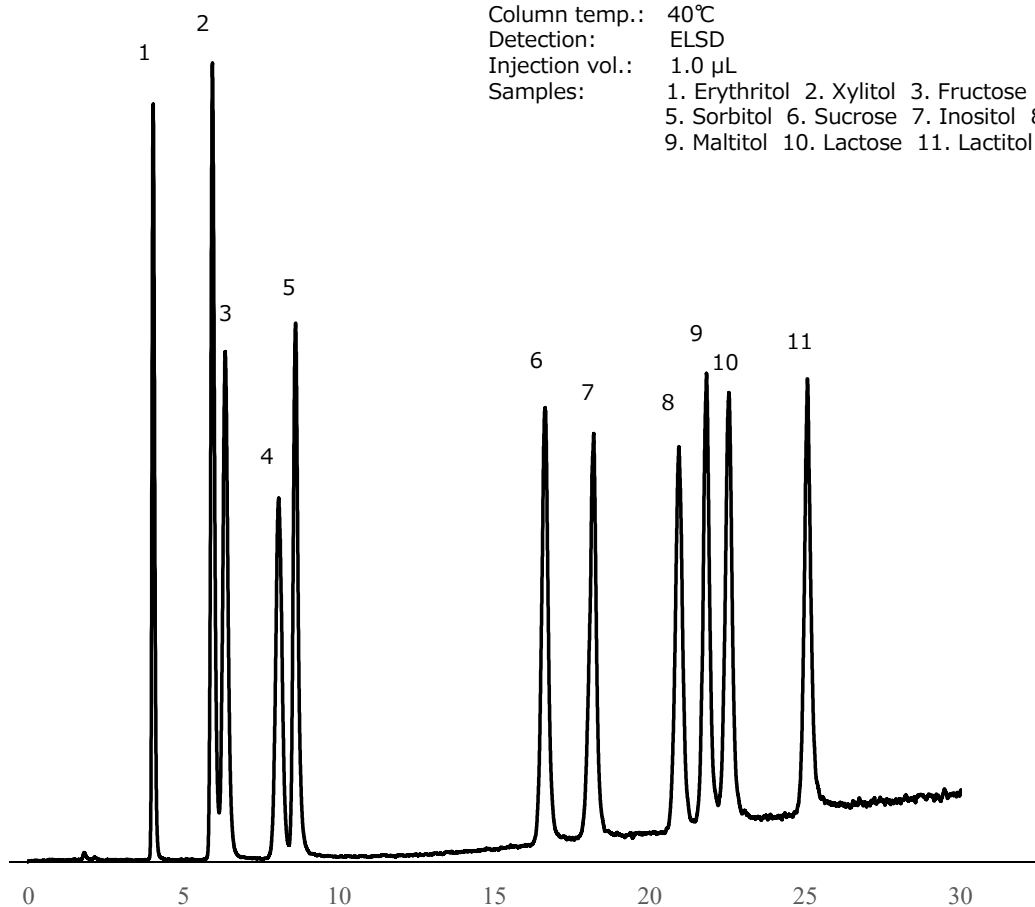
Time	Profile	
(min)	%A	%B
0.00	100	0
35.00	83	17
35.01	100	0
50.00	100	0

Column temp.: 40°C

Detection: ELSD

Injection vol.: 1.0 μ L

Samples:
1. Erythritol 2. Xylitol 3. Fructose 4. Glucose
5. Sorbitol 6. Sucrose 7. Inositol 8. Maltose
9. Maltitol 10. Lactose 11. Lactitol

**SHINWA CHEMICAL INDUSTRIES LTD.**

50-2 Kagekatsu-cho, Fushimi-ku
Kyoto 612-8307 Japan

TEL: +81-75-621-2360 FAX: +81-75-602-2660

E-mail: info@shinwa-cpc.co.jpWebsite: <http://shinwa-cpc.co.jp/en/>

■ Analytical column specifications ■

Product name	Particle size (μm)	Column dimensions Length × I.D. (mm)
ULTRON AF-HILIC-CD (HT)	2	50 × 2.0
		100 × 2.0
		150 × 2.0
ULTRON AF-HILIC-CD	5	100 × 2.0
		150 × 2.0
		100 × 4.6
		150 × 4.6
		250 × 4.6
ULTRON AF-HILIC-DA	5	100 × 2.0
		150 × 2.0
		100 × 4.6
		150 × 4.6
		250 × 4.6

※ Please do not hesitate to contact us for the other dimensions.



Please feel free to contact us with questions related to analyses.
Column screening services are also available.

Please be aware that specifications and prices are subject to change without prior notification.