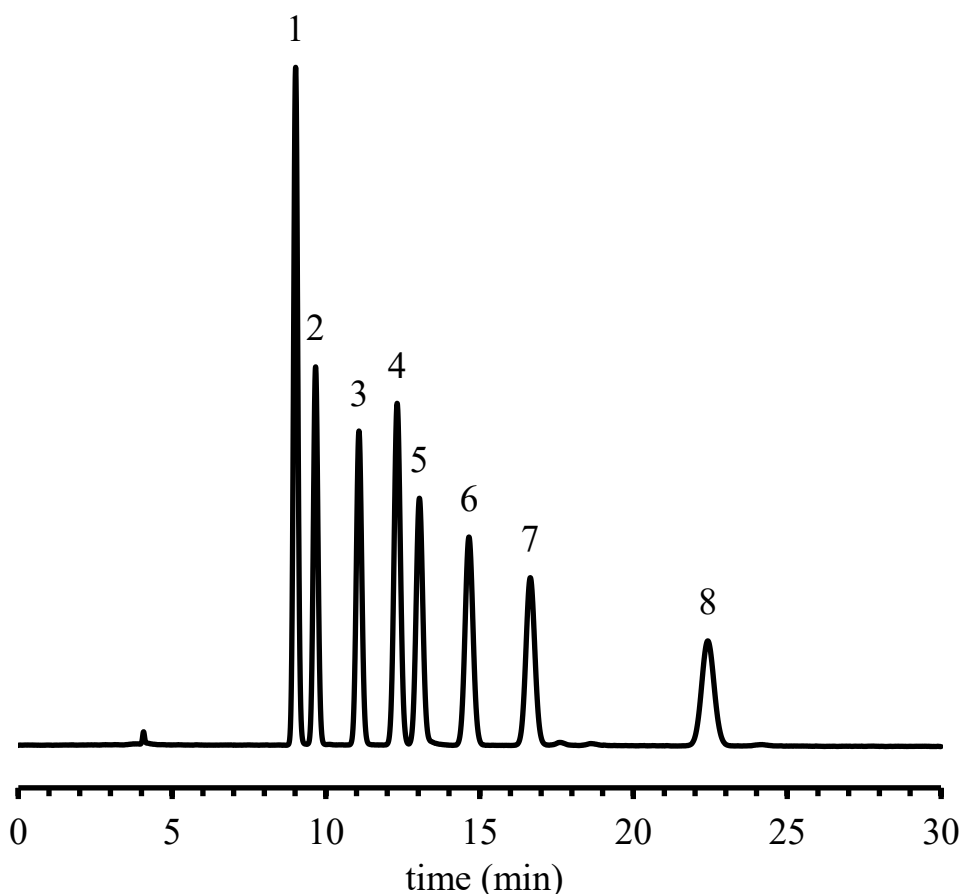


SHINWA EXPRESS

Application

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Analysis of Short-Chain Fatty Acids using the ULTRON PS-80H



Column: ULTRON PS-80H (10 μ m)
 Column size: 300 mmL x 8.0 mm I.D.
 Mobile phase: HClO_4 aq. (pH2.1)
 Flow rate: 1.0 mL/min
 Column temp.: 80°C
 Detection: UV-210 nm
 Diluent: water
 Injection vol.: 5 μ L

Sample: 1. Formic acid (1000 mg/L)
 2. Acetic acid (1000 mg/L)
 3. Propionic acid (1000 mg/L)
 4. Isobutyric acid (1000 mg/L)
 5. Butyric acid (1000 mg/L)
 6. Isovaleric acid (1000 mg/L)
 7. Valeric acid (1000 mg/L)
 8. Hexanoic acid (1000 mg/L)

● Features of the ULTRON PS-80H

1. The ULTRON PS-80H columns are HPLC columns packed with a sulfonic acid type polystyrene cation exchange resin designed for organic acid analyses.
2. The columns utilize electrostatic repulsion interactions.
3. The columns display excellent retention reproducibility.
4. The columns are durable due to the use of a mechanically strong polymer gel.



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■ Analytical column specifications ■

ULTRON PS-80H / PS-80N / PS-80C / PS-80P

Product name	Particle size (μm)	Column dimensions Length x I.D. (mm)
ULTRON PS-80H	10	300×8.0
		250×2.0
ULTRON PS-80H.G		50×8.0
ULTRON PS-80N		300×8.0
ULTRON PS-80N.L		500×8.0
ULTRON PS-80N.G		50×8.0
ULTRON PS-80C		300×8.0
ULTRON PS-80C.G		50×8.0
ULTRON PS-80P		300×8.0
ULTRON PS-80P.G		50×8.0



※ 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.