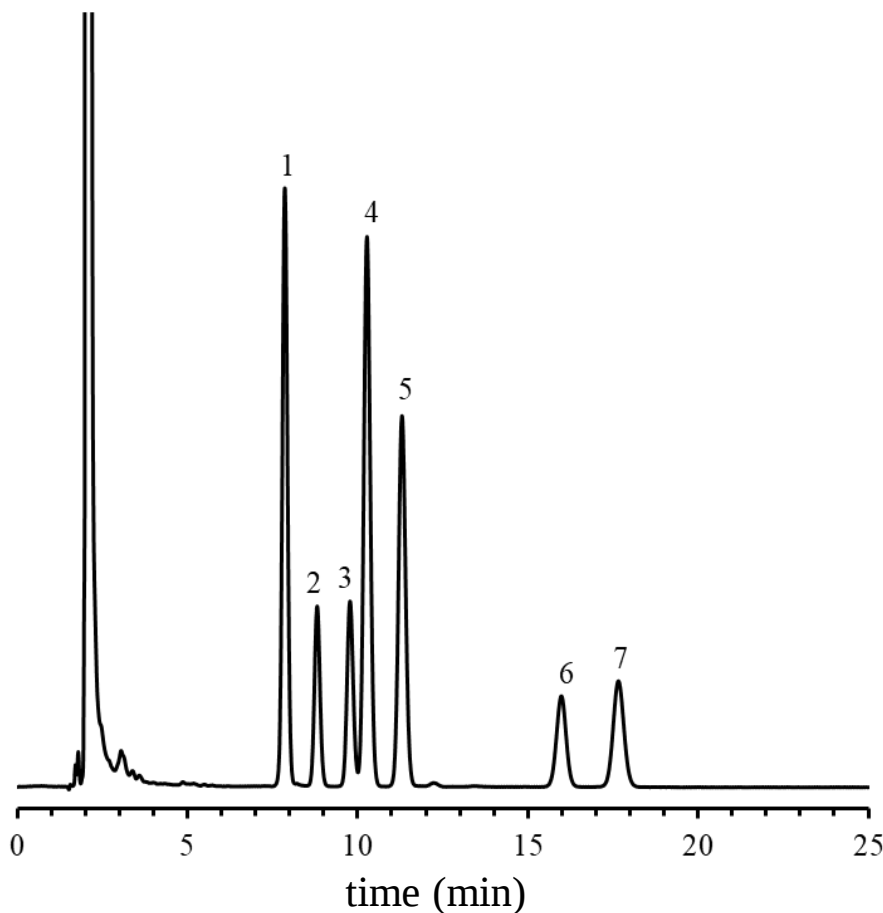


Analysis of Long chain fatty acids using the STR ODS-II



Column: STR ODS-II (5 μ m)
 Column size: 150 mmL x 4.6 mm I.D.
 Mobile phase: CH₃CN/0.1% H₃PO₄ aq = 80/20
 Flow rate: 1.0 mL/min
 Column temp.: 40°C
 Detection: UV-210 nm
 Diluent: ethyl acetate
 Injection vol.: 5 μ L

Sample: 1. Linolenic acid (C18:3) (50 mg/L)
 2. Myristic acid (C14:0) (3000 mg/L)
 3. Palmitoleic acid (C16:1) (500 mg/L)
 4. Arachidonic acid (C20:4) (50 mg/L)
 5. Linoleic acid (C18:2) (50 mg/L)
 6. Palmitic acid (C16:0) (3000 mg/L)
 7. Oleic acid (C18:1) (500 mg/L)

● Features of the STR ODS- II

1. The effects of metal oxides are suppressed to a minimum due to the use of highly-purified silica gel as a base material in the STR series.
2. The columns are durable due to the use of Silica gel with high particle strength.
3. The columns are highly resistant to acidic and alkaline.
4. Excellent end capping technology provides sharp peak shapes for basic and acidic compounds, and for samples which form complexes with metals.



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.jp
 Website: <https://shinwa-cpc.co.jp/en/>

■ Analytical column specifications ■

STR ODS-M

Column	Particle Size (μm)	Column Size Length x I.D. (mm)
STR ODS-M	5	150×4.0
		250×4.0
		150×4.6
		250×4.6
		150×6.0
		10×4.0
		50×4.0

STR ODS- II

Column	Particle Size (μm)	Column Size Length x I.D. (mm)
STR ODS-II	5	150×2.0
		250×2.0
		150×3.0
		250×3.0
		100×4.0
		150×4.0
		250×4.0
		150×4.6
		250×4.6
		150×6.0
		250×20.0
		STR ODS-II.G
10×4.6		
10×6.0		
50×20.0		
STR ODS-II PEEK		150×4.6
250×4.6		
STR ODS-II.G PEEK		10×4.6
STR ODS-II (Two Guard Cartridges)		5×2.0
		10×3.0
		10×4.6
Holder for Guard Cartridge (with Coupler)	-	For 5×2.0 mm column
	-	For 10×3.0 mm column
	-	For 10×4.6 mm column



※ 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.