

# SHINWA EXPRESS

*Application*

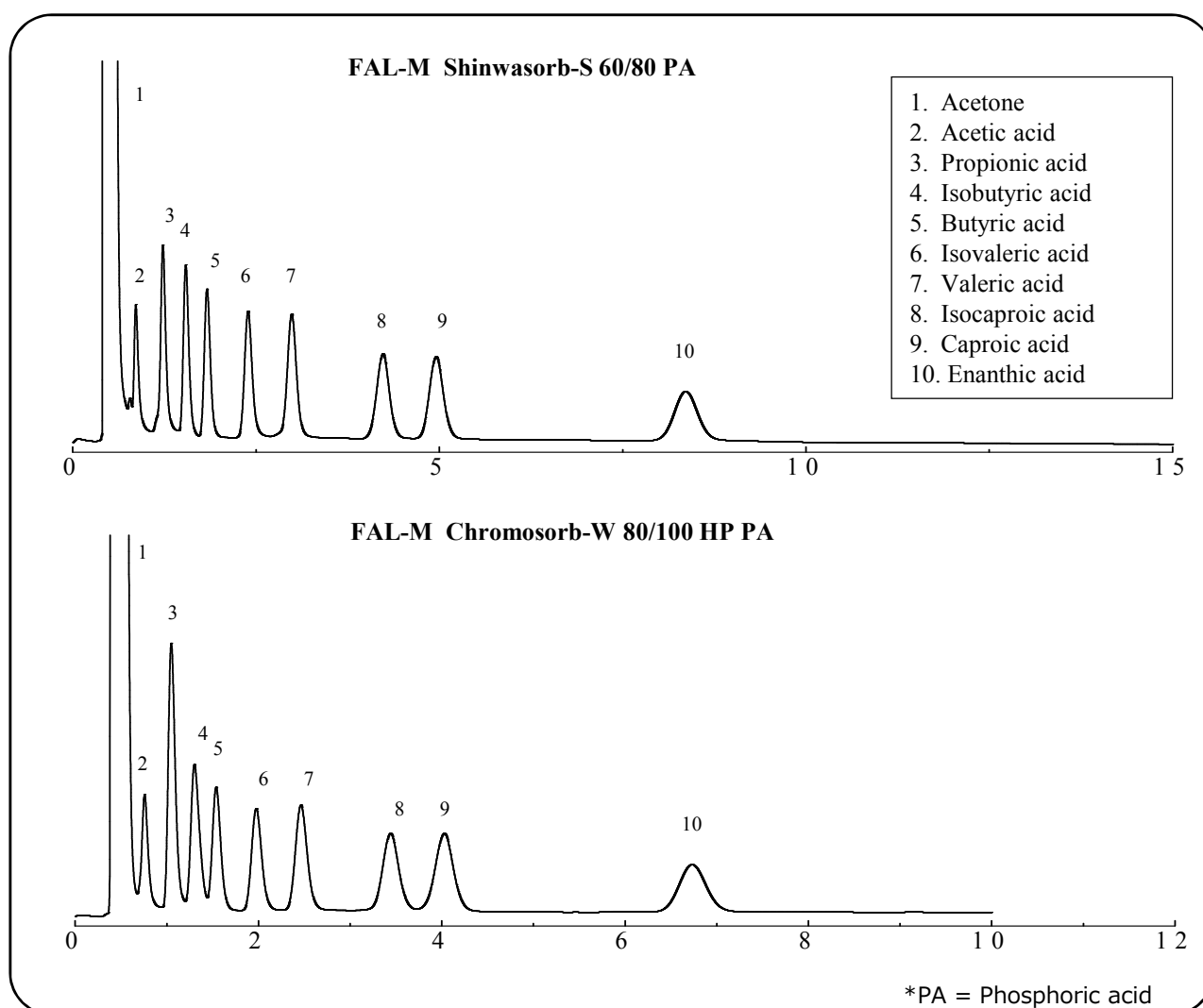
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## Measurement of short-chain free fatty acids using Shinwasorb

~Part 2~

Short-chain free fatty acids are offensive odor substances that can provoke discomfort and disgust even at low concentrations. Shown below is an example of an isothermal analysis of short-chain free fatty acids (causes of offensive odors) using a column packed with a Shinwasorb packing material.



Column: 2.1m x 3.2 mm I.D. Glass  
Sample: Short-chain free fatty acids in acetone  
Column temp.: 150°C  
Injection port temp.: 260°C

Sample volume: 1 µL  
Carrier gas: 50 ml/min N<sub>2</sub>  
Detector: 260°C (FID)



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■ Packing material specifications and price ■

Product name	Weight	Price
FAL-M Shinwasorb-S 60/80 PA	25 g	34,700 JPY

■ Packed column specifications and price ■

Product name	Column material	Dimensions	Price
FAL-M Shinwasorb-S 60/80 PA	Glass (For GC-2014 systems)	2.1 m x 3.2 mm I.D.	74,300 JPY

Prices for glass columns for Shimadzu systems other than the GC-2014, and systems manufactured by other manufacturers will differ from that shown above. The prices shown above are accurate as of September 24<sup>th</sup>, 2014. Please contact us for pricing.



Please feel free to contact us with questions related to analyses.

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