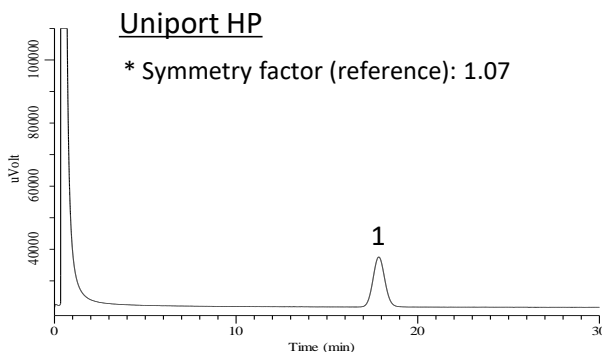
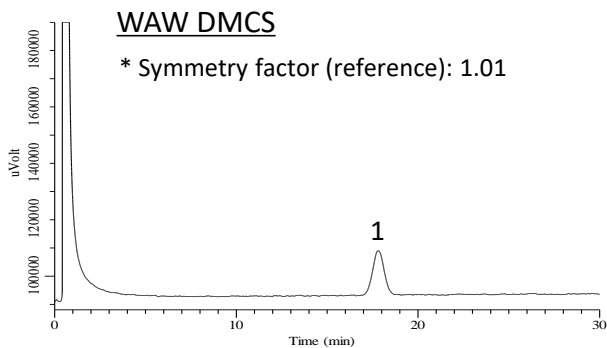


Olive oil, is described in the Japanese Pharmacopoeia, as an oily ointment base. It is also used for skin care because it is effective in the prevention of dryness in the skin and mucous membranes.

In this study, methyl behenate in acetone was analyzed using a packed column in accordance with the Purity Test (2) Peanut oil.

Siliceous soil supports, Chromosorb series and Uniport series were compared, with no significant differences found in peak shape between the two carriers, and excellent results are reported.

Example: Measurement of standard



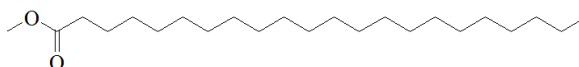
Conditions

System	: GC - FID
Column	: PEG-20M 5 % Uniport HP 80/100 Chromosorb WAW DMCS 80/100 3 mm I.D. x 2 m
Col. Temp.	: 220 °C
Carrier Gas	: He 210 kPa
	* Methyl behenate was adjusted to elute in about 18 minutes.
Injection	: 250 °C
Detection	: FID Range 10 ^{^1} 250 °C
Sample Size	: Analyte in Acetone 2.0 µL

Analyte

1. Methyl Behenate

Structural Formula



Methyl behenate
Methyl Behenate

Structures created using Chemistry 4-D Draw which is provided by ChemInnovayion Software, Inc.

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