

# SHINWA EXPRESS *Application*

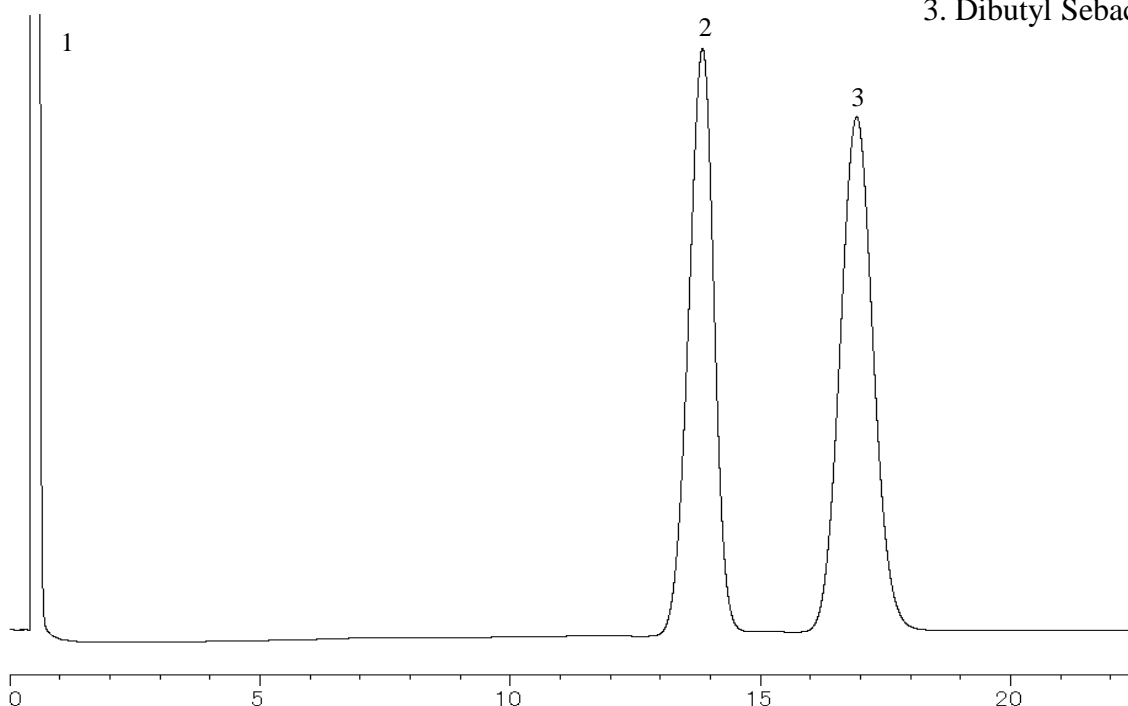
VOL. 170

## Analysis of Fenitrothion Microcapsule using Shinwasorb

~Assay~

Shown below is an analysis of Fenitrothion Microcapsule performed using a column packed with a Shinwasorb packing material in accordance with the Pesticide guidelines.

Silicone OV-210 1.5% Shinwasorb-U 60/80



### System suitability

System performance: The resolution between Fenitrothion and Dibutyl Sebacate is 2.84.

(Fenitrothion and Dibutyl Sebacate are eluted in this order with the resolution between these peaks being not less than 2.0.)

Column: 2.1 m x 3.2 mm I.D. Glass

Sample: Fenitrothion, Dibutyl Sebacate in Acetone

Column temp.: 165°C

Carrier gas: 50 mL/min N<sub>2</sub> (Adjust so that the retention time of Dibutyl Sebacate is about 17 minutes.)

Sample volume: 2.0 µL

Detector: FID 200°C

Injection port temp.: 200°C



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