

SHINWA EXPRESS *Application*

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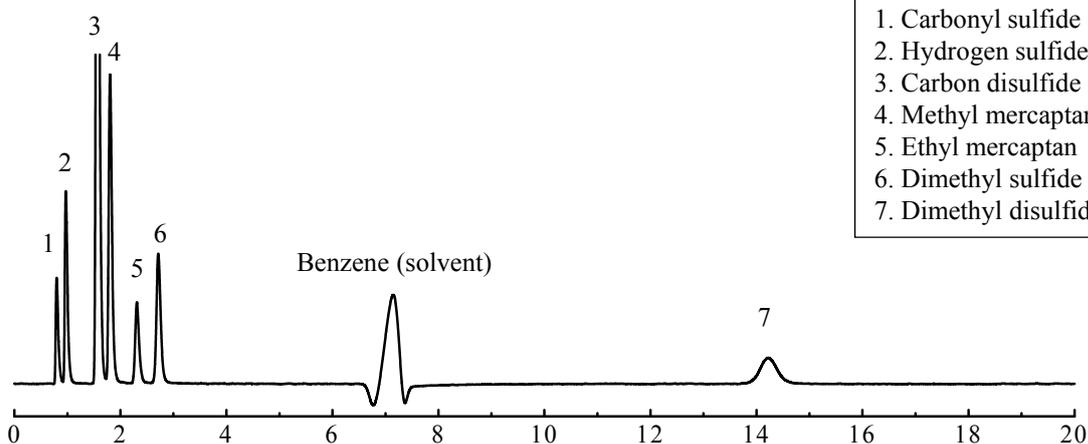
VOL. 4

Measurements of offensive odor substances using Shinwasorb ~Part 1~

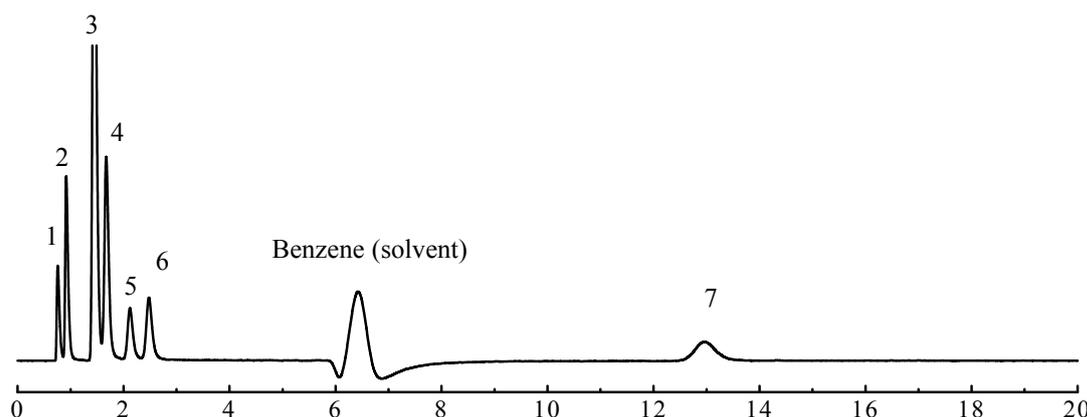
Because offensive odor substances in air can provoke discomfort and disgust even at very low concentrations, emissions of these substances are regulated in many countries. Shown below is an example of an analysis of offensive odor substances using a column packed with a Shinwasorb packing material, and performed in accordance with a method stipulated by Japan's Ministry of the Environment.

Analysis of methyl mercaptan, hydrogen sulfide, dimethyl sulfide, and dimethyl disulfide

12.5% β,β' -Oxydipropionitrile Shinwasorb-S 60/80 ST



25% β,β' -Oxydipropionitrile Chromosorb W 60/80 AW-DMCS-ST



Column: 3.1 m x 3.2 mm I.D. Glass
 Sample: Each 1.0 ppm in benzene
 Carrier gas: 50 ml/min N₂
 Injection port temp.: 180°C

Sample volume: 1.0 μ L
 Column temp.: 70°C
 Detector: FPD (S) 180°C



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■ Packing material specifications and price ■

Product name	Weight	Price
12.5% β,β' -Oxydipropionitrile Shinwasorb-S 60-80 ST	25 g	16,600 JPY

■ Packed column specifications and price ■

Product name	Column material	Dimensions	Price
12.5% β,β' -Oxydipropionitrile Shinwasorb-S 60-80 ST with data	Glass	3.1 m x 3.2 mm I.D.	62,000 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. Please contact us for pricing.
 Feel free to contact us if you have particular analytical conditions you would like to use or if you have any questions related to analyses.



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