

CoreFocus
Report
No.473

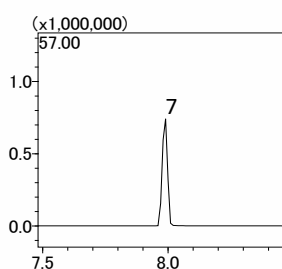
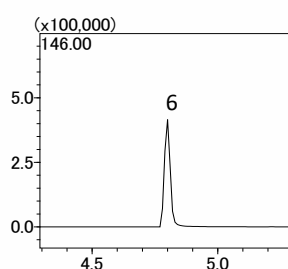
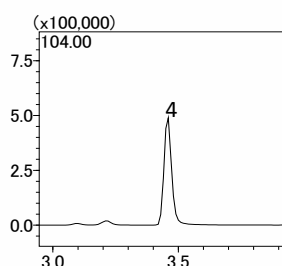
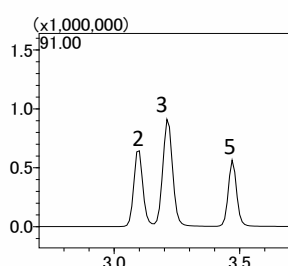
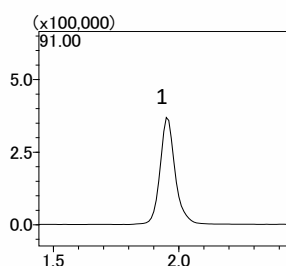
GC-MS

SH Series

SH-I-5Sil MS

Analysis of VOCs

Keywords: Thermal desorption system, Hydrogen carrier gas, Volatile organic compounds



1. Toluene
2. Ethylbenzene
3. m, p-Xylene
4. Styrene
5. o-Xylene
6. p-Dichlorobenzene
7. Tetradecane

GC-MS System : GCMS-QP™ 2020 NX
Autosampler : TD-30R
Column : SH-I-5Sil MS
(30 m x 0.25 mm I.D., 0.25 μm),
P/N : 221-75954-30

[TD-30R]
Tube Desorb Temp. : 280 °C (10 min)
Tube Desorb Flow : 60 mL/min (N₂)
Trap Cooling Temp. : -20°C
Trap Desorb Temp. : 250°C (10 min)
Joint Temp. : 250°C
Valve Temp. : 250°C
Transfer Line Temp. : 250°C
Dry Purge : 25°C (20 mL/min, 3 min)

[GC]
Injection Method : Split
Split Ratio : 20
Carrier Gas : H₂
Carrier Gas Control : Pressure (80.0 kPa)
Column Temperature: 40°C (2 min) -20°C/min -300°C (3 min)

[MS]
Ionsource Temp. : 200°C
Interface Temp. : 230°C
Ionization Method : EI

Source : Application News 01-00541 ([JP](#), [ENG](#))

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Some products may be updated to newer models.

HPLC Column Solutions – Reversed phase and Normal phase –
Shim-pack

➤ SH-I-5SiI MS

Related Solutions

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➤ 自動車

➤ Price Inquiry

➤ Product Inquiry

➤ Technical Service /
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