

**CoreFocus**  
**Report**

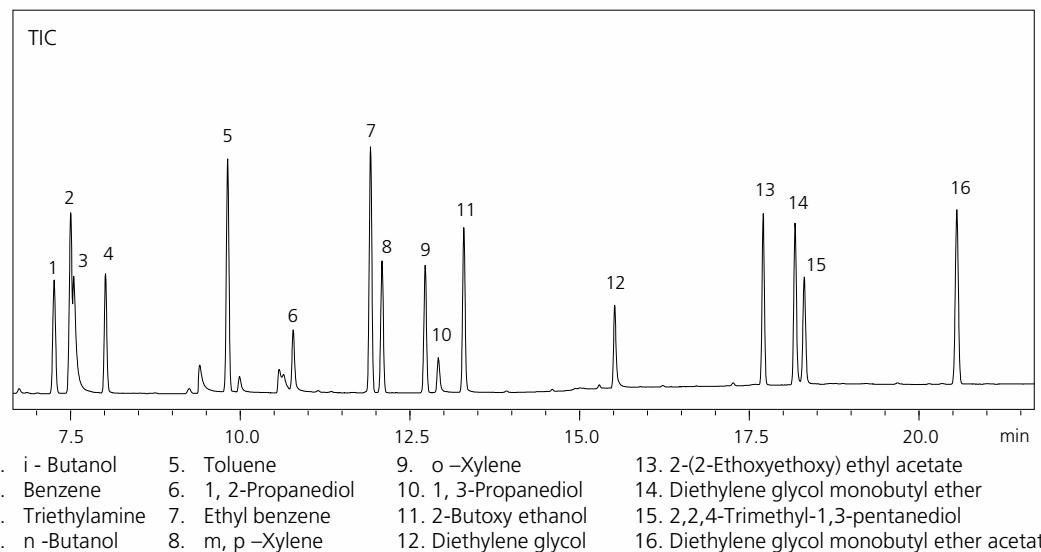
**No.480**

GC-MS SH Series

**SH-I-624Sil MS**

**Analysis of VOCs**

**Keywords: Volatile Organic Compounds, GB/T 37884-2019**



Autosampler :TD-30R  
 Instrument :GCMS-QP2020 NX

**[TD-30R]**

Tube desorb temp. : 300 °C (10 min)  
 Tube desorb flow : 60 mL/min  
 Second trap : Tenax™ TA  
 Second trap cooling : -20 °C  
 temp.  
 Second trap desorb : 300 °C (10 min)  
 temp.  
 Joint temp. : 300 °C  
 Valve temp. : 300 °C  
 Transfer line temp. : 300 °C

**[GCMS]**

Flow control mode : Pressure (80 kPa)  
 Injection mode : Split (split ratio 20)  
 Carrier gas : He  
 Purge flow rate : 10 mL/min  
 Column : SH-I-624Sil MS 60 m x 0.32 mm I.D., df= 1.80  
 μm  
 (P/N: 221-75963-60)  
 Column temp. program : 40 °C → 10 °C/min → 180 °C → 40 °C/min →  
 230 °C (10.75 min)  
 Interface temp. : 240 °C  
 Ion source temp. : 230 °C  
 Acquisition mode : Scan  
 m/z range : 33~450 amu  
 Event time : 0.3 min

Source : Application News 03-GCM-345-JP ([JP](#))

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