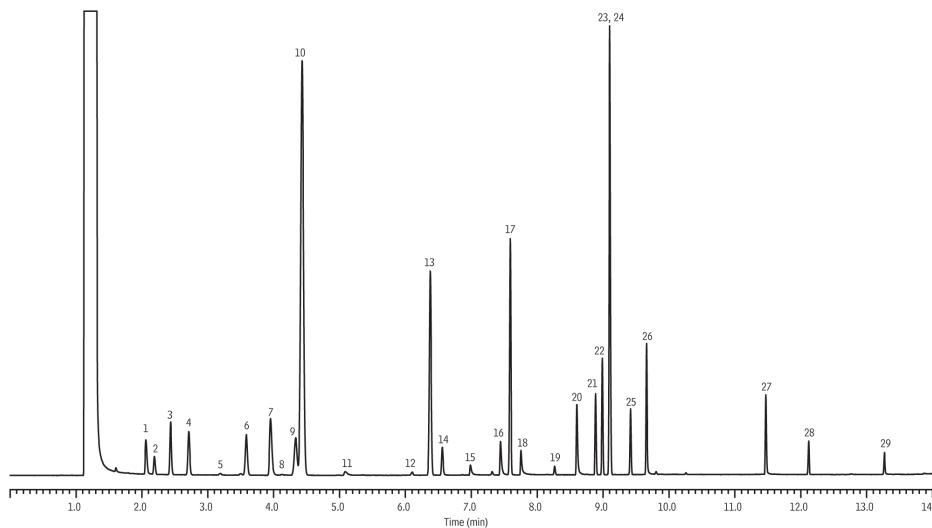


CoreFocus
Report
No. 487

GC FID SH Series

SH-I-624Sil MS
Analysis of Residual solvents in pharmaceuticals
Keywords: Volatile organic solvents


- 1 Acetone
- 2 Dichloromethane
- 3 trans-1,2-Dichloroethene
- 4 Hexane
- 5 Nitromethane
- 6 cis-1,2-Dichloroethene
- 7 Tetrahydrofuran
- 8 Chloroform
- 9 1,1,1-Trichloroethane
- 10 Cyclohexane
- 11 2-Methoxyethanol
- 12 Trichloroethene
13. Methylcyclohexane
- 14 1,4-Dioxane
- 15 2-Ethoxyethanol
- 16 Pyridine
- 17 Toluene
- 18 Ethylene glycol
- 19 2-Hexanone
- 20 Dimethylformamide
- 21 Chlorobenzene
- 22 Ethylbenzene
- 23 p-Xylene
- 24 m-Xylene
- 25 o-Xylene
- 26 N,N-Dimethylacetamide
- 27 1-Methyl-2-pyrrolidone
- 28 1,2,3,4-Tetrahydronaphthalene
- 29 Sulfolane

Instrument	:	GC	:	
Column	:	SH-I-624Sil MS (20 m x 0.18 mm I.D. df = 1.00 μ m), P/N : 227-36075-01	:	
Column temp.	:	40°C (5 min) - 50°C/min - 260°C (3 min)	:	
Inj. vol	:	0.5 μ L	:	
Split ratio	:	1:50	:	
Liner	:	5 mm split	:	
Inj. temp.	:	250 °C	:	
Detector	:	FID at 250°C	:	
Data rate	:	50 Hz	:	
Carrier gas	:	He, constant flow	:	
Flow rate	:	1.35 mL/min	:	
Linear velocity	:	45 cm/s	:	
Dead time	:	0.74 min at 40°C	:	

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