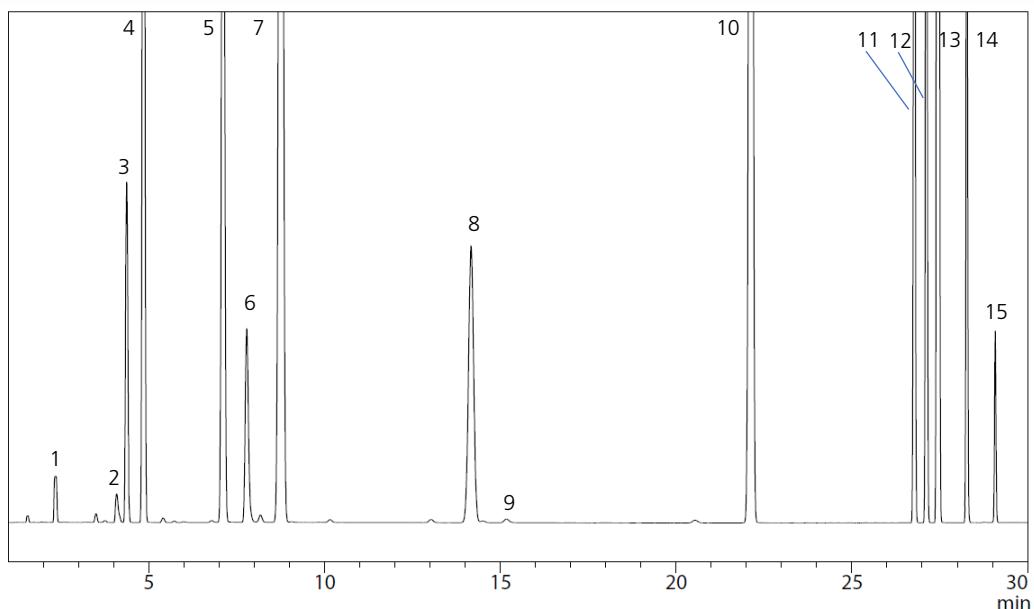


CoreFocus
 Report
 No. 489

GC FID SH Series

SH-I-624Sil MS
**Analysis of Residual solvents USP 467
Class 2 Mix A in pharmaceuticals**
Keywords: Procedure A, Water soluble


- 1: Methanol
- 2: Acetonitrile
- 3: Methylene chloride
- 4: trans-1,2-Dichloroethylene
- 5: cis-1,2-Dichloroethylene
- 6: Tetrahydrofuran
- 7: Cyclohexane
- 8: Methylcyclohexane
- 9: 1,4-Dioxane
- 10: Toluene
- 11: Chlorobenzene
- 12: Ethylbenzene
- 13: m,p-Xylene
- 14: o-Xylene
- 15: Cumene

Instrument	: Nexis™ GC-2030 + FID-2030 + HS-20	HS-20
Column	: SH-I-624Sil MS (30 m x 0.32 mm I.D., df = 1.80 μ m) , P/N : 227-36077-01	Oven temp. : 80°C
Column temp.	: 40°C (20 min) - 10°C/min - 240°C (20 min)	Sample line temp. : 110°C
Inj. vol.	: 1 mL	Transfer line temp. : 120°C
Split ratio	: 1:5	Vial stirring : Off
Inj. temp.	: 140°C	Vial vol. : 20 mL
Carrier gas	: He, 35 cm/s, linear velocity	Vial heat-retention time : 60 min
Detector	: FID at 250°C	Vial pressure time : 1 min
FID make up flow rate	: He, 30 mL/min	Vial pressure : 75 kPa
FID air Flow rate	: 400 mL/min	Loading time : 1 min
		Needle flush time : 5 min

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