

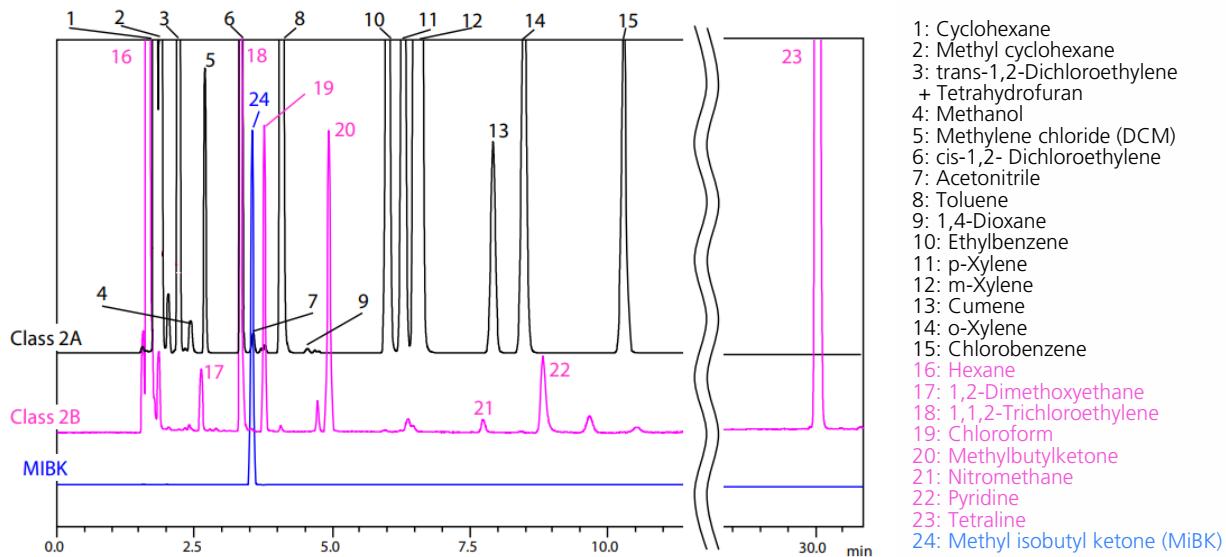
CoreFocus
Report
No.341

GC

FID

HS

SH Series

SH-PolarWax
Analysis of Residual Solvents in Pharmaceuticals
Keywords: Water-Insoluble Samples, N₂ Carrier , JP17 Supplement II, USP 467


Main Unit	:	Nexis™ GC-2030
Detector	:	FID-2030 flame ionization detector
Column	:	SH-PolarWax (30 m x 0.32 mm I.D. df = 0.25 µm), P/N: 221-75972-30
Column Temp.	:	50 °C (20 min) - 6 °C/min - 165 °C (20 min) Total 59.17 min
Injection Mode	:	Split 1:10
Carrier Gas Controller	:	Linear Velocity (N ₂)
Linear Velocity	:	35 cm/s
Detector Temp .	:	250 °C
FID H ₂ Flow Rate	:	32 mL/min
FID Make Up Flow Rate	:	24 mL/min (N ₂)
FID Air Flow Rate	:	200 mL
Injection Volume	:	1 mL

HS-20		
Oven Temp.	:	80 °C
Sample Line Temp.	:	90 °C
Transfer Line Temp.	:	105 °C
Vial Shaking Level	:	Off
Vial Volume	:	20 mL
Vial Equilibrating Time	:	45 min
Vial Pressurization Time	:	1 min
Vial Pressure	:	68.9 kPa
Loading Time	:	0.5 min
Needle Flush Time	:	5 min

Source : Application News G326 (JP, ENG)

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