

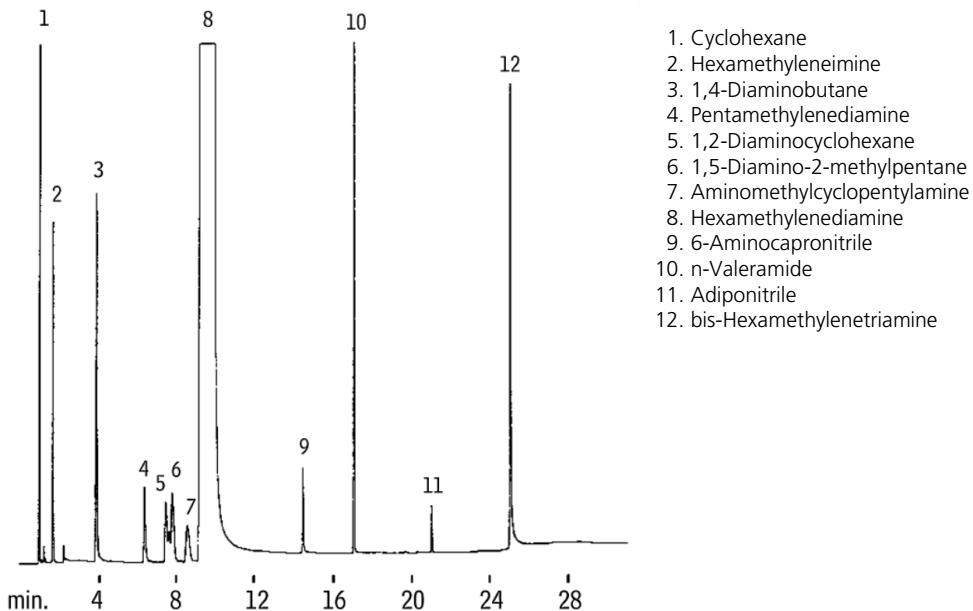
**CoreFocus**  
Report  
No. 460

GC      FID      SH Series

**SH-PolarX**

**Analysis of Hexamethylenediamine**

**Keywords: Underivatized amines, Basic compounds**



Instrument	:	GC
Column	:	SH-PolarX (30 m x 0.53 mmI.D. df = 0.50 $\mu$ m), P/N: 227-36299-01
Column temp.	:	95 °C (1 min) – 7 °C/min – 235 °C (2 min)
Inj. vol.	:	0.2 $\mu$ L direct injection of a neat Hexamethylenediamine sample onto a Uniliner® liner
Split ratio	:	1:10
On-column conc.	:	Primary amines, 50 $\mu$ g/mL in water
Inj./Det. temp.	:	255 °C
Detector	:	FID, $64 \times 10^{-11}$ AFS
Carrier gas	:	$H_2$ , 40 cm/s linear velocity (flow rate: 5 mL/min)
Inlet liner	:	Uniliner liner

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