

CoreFocus
Report

No. 464

GC

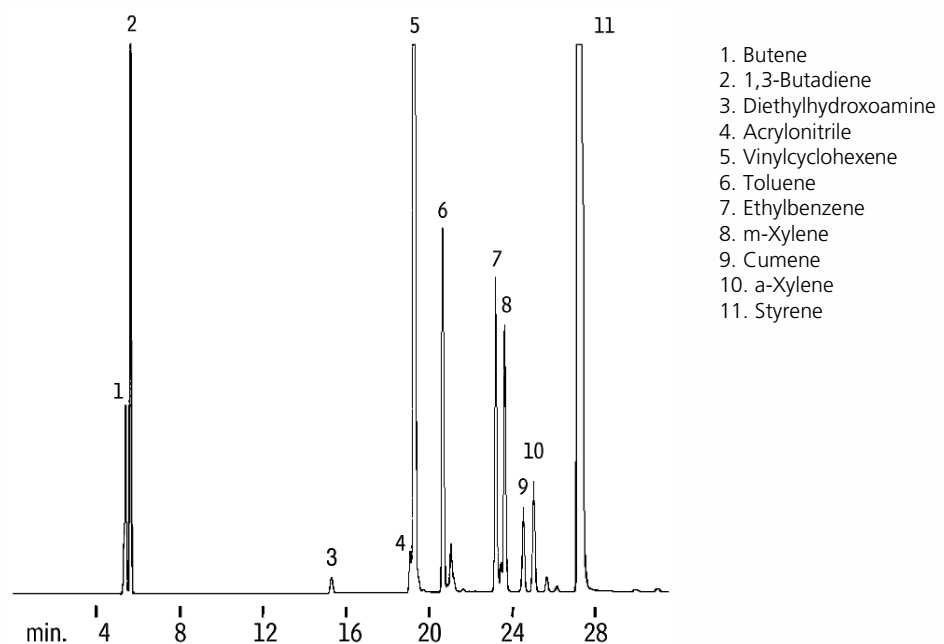
FID

SH Series

SH-PolarWax

Analysis of Styrene Impurities

Keywords: Polar-deactivated column, Chemistry, Styrene



1. Butene
2. 1,3-Butadiene
3. Diethylhydroxamine
4. Acrylonitrile
5. Vinylcyclohexene
6. Toluene
7. Ethylbenzene
8. m-Xylene
9. Cumene
10. o-Xylene
11. Styrene

Instrument	: GC
Column	: SH-PolarWax (30 m x 0.53 mm I.D. df = 0.50 µm), P/N: 227-36255-01
Column temp.	: 40 °C (10 min) - 10 °C/min - 150 °C (15 min)
Inj. vol.	: 0.5 µL split
Split vent	: 40 mL/min
Inj. temp.	: 150 °C
Carrier gas	: He, 20 cm/s linear velocity at 40 °C
Detector	: FID
Det. temp.	: 150 °C

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