

## ASTM Method D5135-95: Impurities in Styrene (Fast Analysis) on ZB-WAX

**Column:** Zebron™ ZB-WAX, GC Cap. Column 20 m x 0.18 mm x 0.18 µm, Ea

**Phase:** Polyethylene Glycol (PEG)

**Dimensions:** 20 meters x 0.18 mm x 0.18 µm

**Order No:** 7FD-G007-08

**Oven Profile:** 70°C hold for 1min. to 150°C at 30°C/min. hold for 2min.

**Carrier Gas:** Constant Flow Helium, 1.5 mL/min

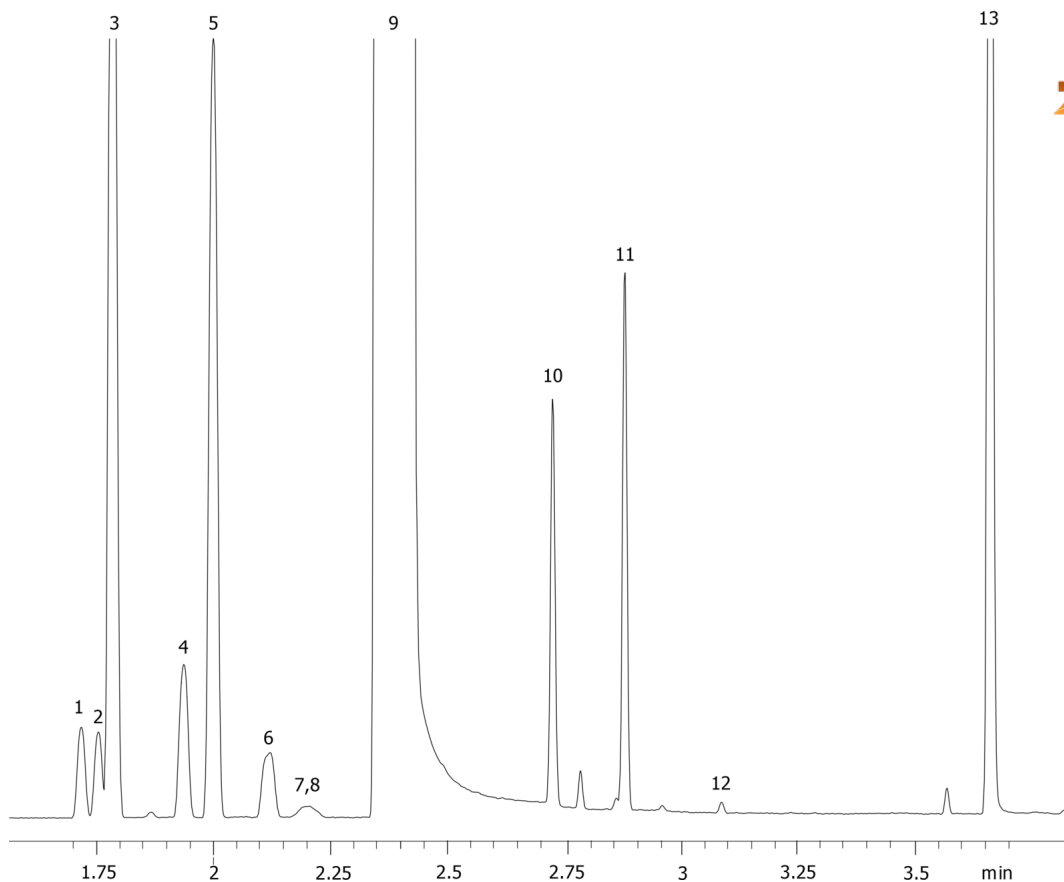
**Injection:** Split 300:1 0.5 µL @ 230°C

**Detection:** Flame Ionization (FID) (240°C)

16143



Products used in this application:



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### ANALYTES:

- 1 Ethylbenzene
- 2 p-Xylene
- 3 m-Xylene
- 4 Isopropylbenzene
- 5 o-Xylene
- 6 Propylbenzene
- 7 p-Ethyltoluene
- 8 m-Ethyltoluene
- 9 Styrene
- 10 a-Methylstyrene
- 11 Phenylacetylene
- 12 beta-Methylstyrene
- 13 Benzaldehyde

