

# GC Application

ID No.: 14941

## p-Xylene Purity on ZB-WAX

**Column:** Zebron<sup>™</sup> ZB-WAX, GC Cap. Column 30 m x 0.53 mm x 1.00  $\mu$ m, Ea

**Phase:** Polyethylene Glycol (PEG)

**Dimensions:** 30 meters x 0.53 mm x 1  $\mu$ m

**Order No:** 7HK-G007-22

**Oven Profile:** 70°C for 7 min to 190 at 25°C/min for 5 min.

**Carrier Gas:** Constant Flow Helium, 4 mL/min

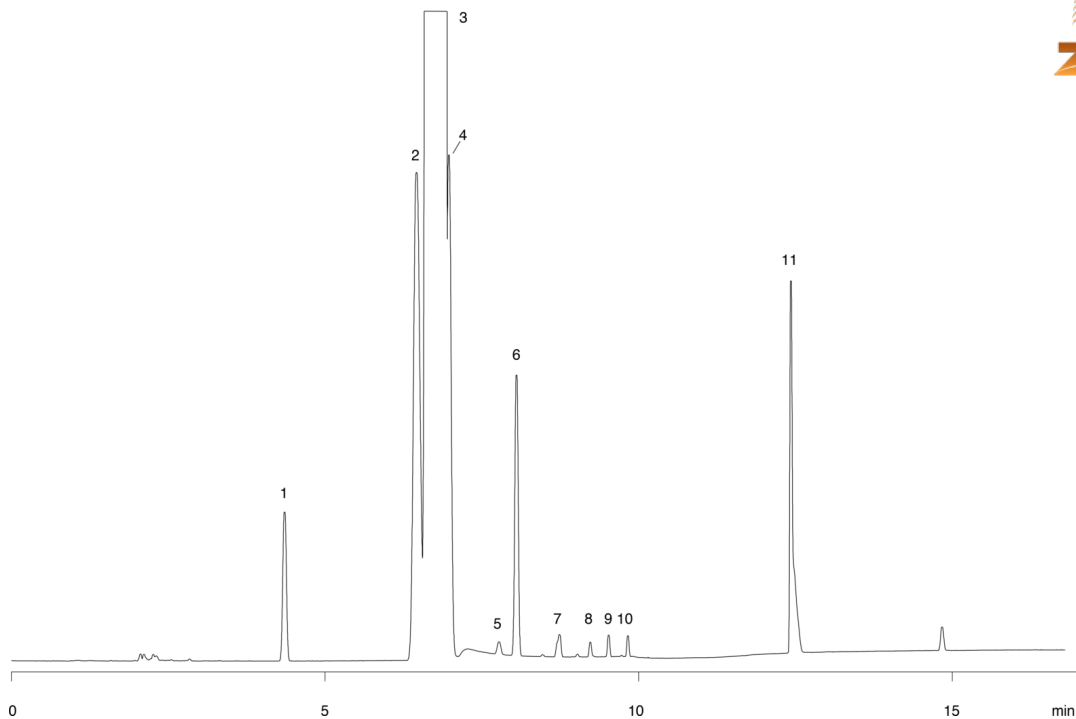
**Injection:** split 30:1 1  $\mu$ L @ 225°C

**Detection:** Flame Ionization (FID) (325°C)

14941



Products used in this application:



## p-Xylene Purity on ZB-WAX

### ANALYTES:

- 1 Toluene
- 2 Ethylbenzene
- 3 p-Xylene
- 4 m-Xylene
- 5 Cumene
- 6 o-Xylene
- 7 1-Ethyl-2-methylbenzene
- 8 Styrene
- 9 Trimethylbenzene
- 10 Diethylbenzene
- 11 Methylbenzaldehyde

