

# GC Application

ID No.: 16229

## Aromatics on ZB-5MS

**Column:** Zebron<sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.32 mm x 1.00  $\mu$ m, Ea  
**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.32 mm x 1  $\mu$ m  
**Order No:** 7HM-G010-22  
**Oven Profile:** 55 °C for 2 min to 95 °C at 10 °C/ min for 4 min to 220 °C at 10 °C/ min

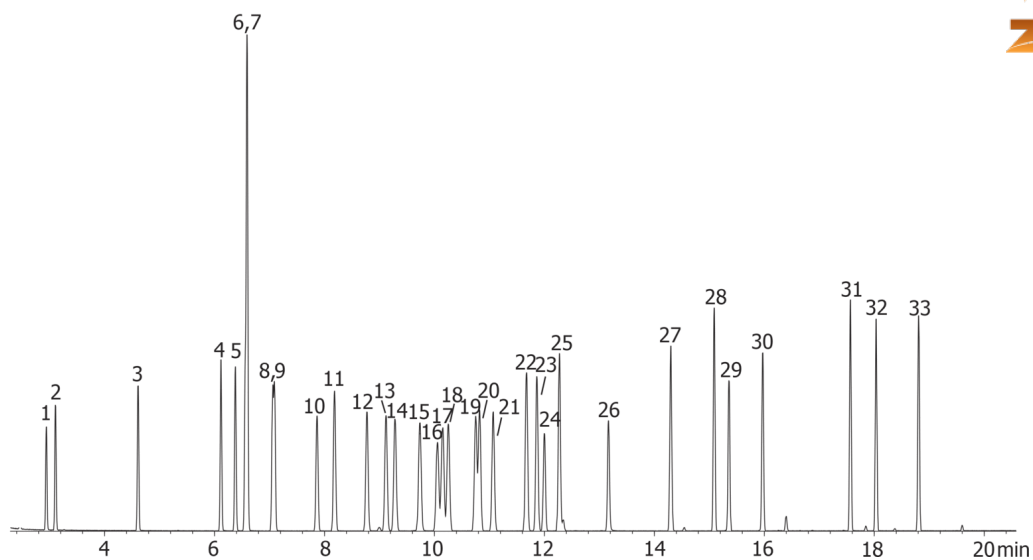
**Carrier Gas:** Constant Flow He, 1.6 mL/min  
**Injection:** Split 20:1 1  $\mu$ L @ 250°C  
**Detection:** Mass Selective (MSD) (275°C)  
**Analyst Note:** The analytes are 100ppm in Methylene Chloride



Products used in this application:



16229



## Aromatics on ZB-5MS

### ANALYTES:

- 1 Benzene
- 2 Fluorobenzene
- 3 Toluene
- 4 Chlorobenzene
- 5 Ethylbenzene
- 6 m-Xylene
- 7 p-Xylene
- 8 Styrene
- 9 o-Xylene
- 10 1-Methylethylbenzene
- 11 Bromobenzene
- 12 Propylbenzene
- 13 4-Ethyltoluene
- 14 1,3,5-Trimethylbenzene
- 15 a-Methylstyrene
- 16 Ethoxybenzene
- 17 tert-Butylbenzene
- 18 1,2,4-Trimethylbenzene
- 19 2-Methylpropylbenzene
- 20 1-Methylpropylbenzene
- 21 1,4-Dichlorobenzene
- 22 1,2-Dichlorobenzene
- 23 Iodobenzene
- 24 Diethylbenzene
- 25 Butylbenzene
- 26 Nitrobenzene
- 27 1,3,5-Trichlorobenzene
- 28 1,4-Diisopropylbenzene
- 29 2-Nitro-m-xylene
- 30 1,2,3-Trichlorobenzene
- 31 1-Bromo-3-phenyl-propane
- 32 1,2,4,5-Tetrachlorobenzene
- 33 1,2,3,4-Tetrachlorobenzene

