

# GC Application

ID No.: 16228

## Halocarbons on ZB-5MS

**Column:** Zebtron<sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.32 mm x 1.00 µm, Ea

**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.32 mm x 1 µm

**Order No:** 7HM-G010-22

**Oven Profile:** 40 °C for 6 min to 200 °C @ 22 °C/min

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

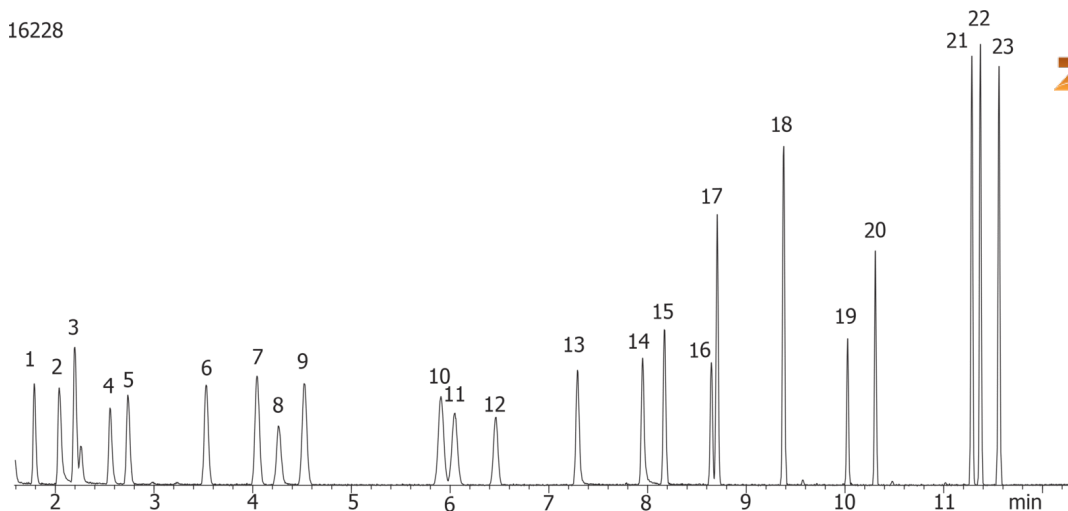
**Injection:** Split 10:1 1 µL @ 200°C

**Detection:** Mass Selective (MSD) (200°C)

**Analyst Note:** The analytes are 100 ppm in methanol.



Products used in this application:



## Halocarbons on ZB-5MS

### ANALYTES:

- 1 Trichlorofluoromethane
- 2 1,1-Dichloroethene
- 3 Dichloromethane
- 4 1,2-Dichloroethene
- 5 1,1-Dichloroethane
- 6 Chloroform
- 7 1,1,1-Trichloroethane
- 8 1,2-Dichloroethane
- 9 Carbon tetrachloride
- 10 Trichloroethylene
- 11 1,2-Dichloropropane
- 12 Bromodichloromethane
- 13 cis-1,3-Dichloro-1-propene
- 14 trans-1,3-Dichloro-1-propene
- 15 1,1,2-Trichloroethane
- 16 Dibromochloromethane
- 17 Tetrachloroethylene
- 18 Chlorobenzene
- 19 Tribromomethane
- 20 1,1,2,2-Tetrachloroethane
- 21 1,3-Dichlorobenzene
- 22 1,4-Dichlorobenzene
- 23 1,2-Dichlorobenzene

