

# GC Application

ID No.: 18782

## EPA Method 552.2 - Haloacetic Acids on ZB-35HT

**Column:** Zebron<sup>™</sup> ZB-35HT, GC Cap. Column 30 m x 0.25 mm x 0.25  $\mu$ m, Ea

**Phase:** 35% Phenyl 65% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.25 mm x 0.25  $\mu$ m

**Order No:** 7HG-G025-11

**Oven Profile:** 40 °C for 3 min to 160 °C @ 10 °C/min

**Carrier Gas:** Constant Flow Helium, 1.2 mL/min

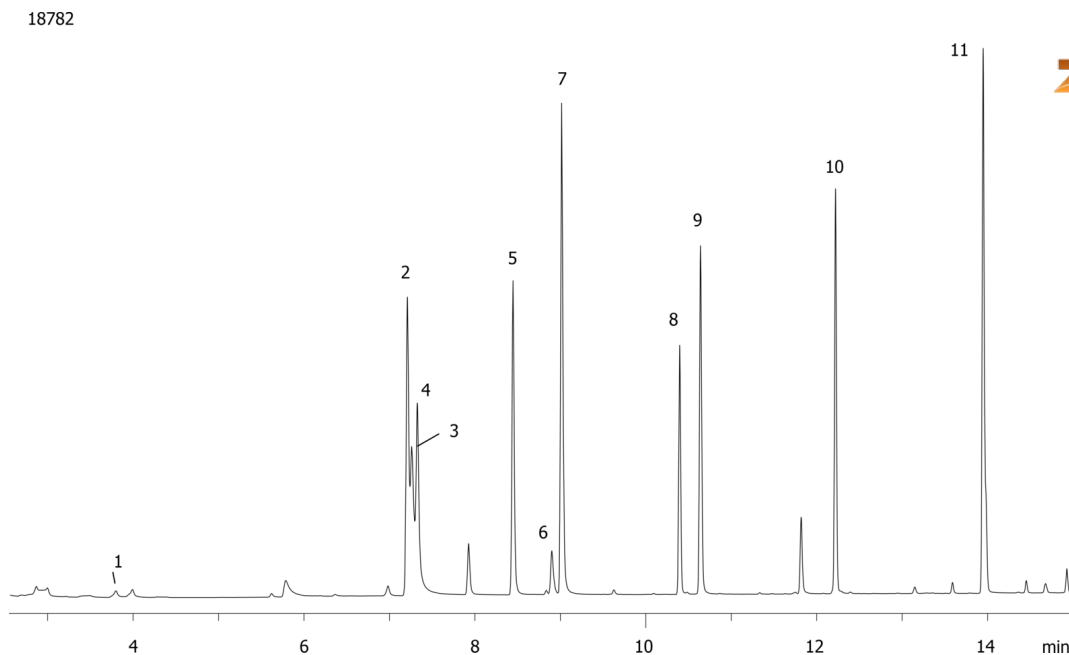
**Injection:** Split 5:1 1  $\mu$ L @ 150°C

**Detection:** Electron Capture (ECD) (350°C)

**Analyst Note:** Analytes are 100ppb in MTBE



Products used in this application:



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### ANALYTES:

- 1 Chloroacetic acid
- 2 Bromoacetic acid
- 3 Dichloroacetic acid
- 4 Dalapon
- 5 Trichloroacetic acid
- 6 1,2,3-Trichloropropane
- 7 Bromochloroacetic acid
- 8 Bromodichloroacetic acid
- 9 Dibromoacetic acid
- 10 Chlorodibromoacetic acid
- 11 Tribromoacetic acid

