

GC Application

ID No.: 19284

EPA Method 552.2 - Haloacetic acids on a ZB-35-HT(Dual column 0.32 ID)

Column: Zebron[™] ZB-35HT, GC Cap. Column 30 m x 0.32 mm x 0.25 μ m, Ea
Phase: 35% Phenyl 65% Dimethylpolysiloxane
Dimensions: 30 meters x 0.32 mm x 0.25 μ m
Order No: 7HM-G025-11
Oven Profile: 35 °C for 1 min to 55 °C @ 5 °C/min for 34 min to 220 °C @ 10 °C/min

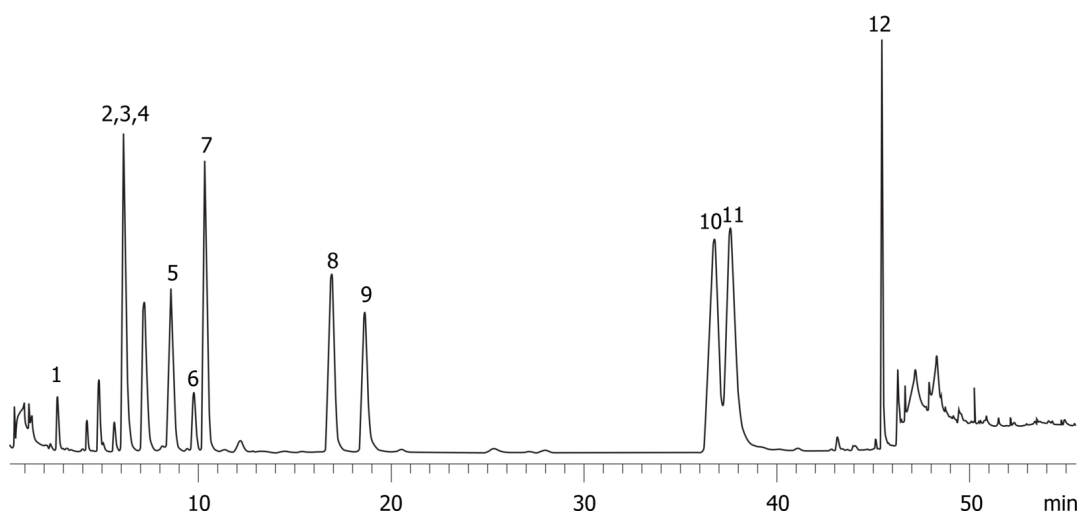
Carrier Gas: Constant Flow Helium, 2.5 mL/min
Injection: Pulsed 25:1 1 μ L @ 250°C
Detection: Electron Capture (ECD) (350°C)
Analyst Note: Analytes are methylated and 100 ppb in isoctane.
Dual column with ZB-XLB-HT



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 2,3-Dibromopropionate
- 12 Tribromoacetic acid

