

# GC Application

ID No.: 16732

## Organotins by MSD on a ZB-5MS

**Column:** Zebron<sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

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

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G010-11

**Oven Profile:** 60 °C for 2 min to 270 °C at 10 °C/ min for 5 min

**Carrier Gas:** Constant Flow He, 1.3 mL/min

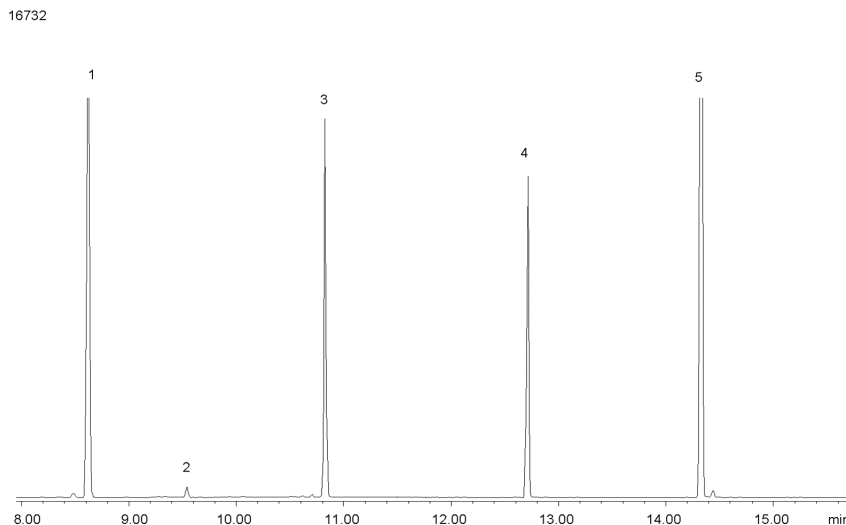
**Injection:** Splitless 20:1 1 µL @ 240°C

**Detection:** Mass Selective (MSD) (230°C)

**Analyst Note:** MSD: sim mode 121,179,235 m/z  
The analytes are 10ppm, simultaneous L:L extraction and derivatization using Sodium Tetraethylborate.



Products used in this application:



### ANALYTES:

- 1 Monobutyltin
- 2 Tripropyltin (internal standard)
- 3 Dibutyltin
- 4 Tributyltin
- 5 Tetrabutyltin

