

# GC Application

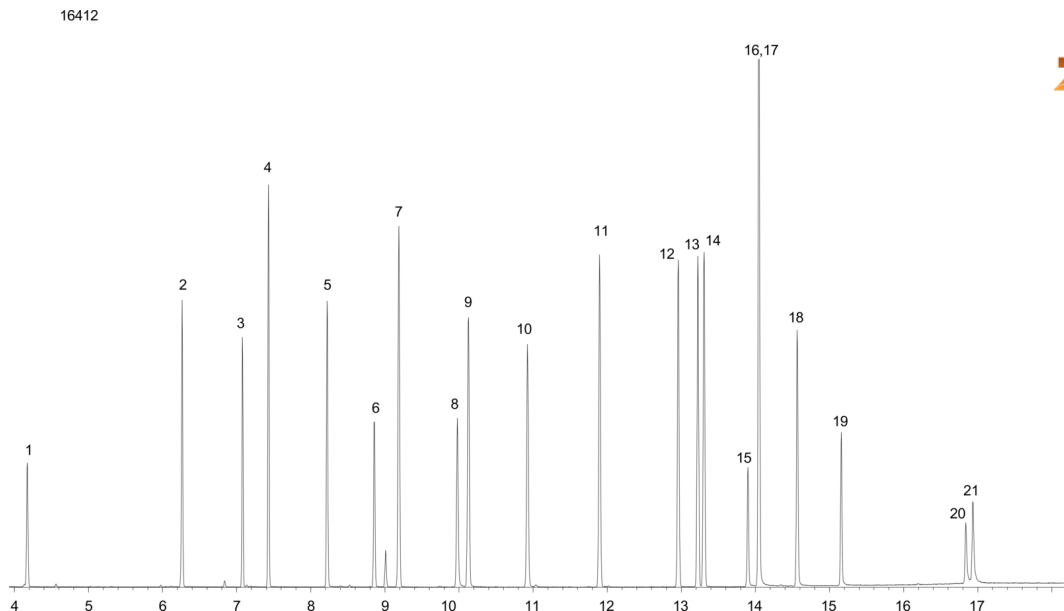
ID No.: 16412

## EPA 8081A Additional Compounds on ZB-5MSi

**Column:** Zebtron™ ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** 5% Phenyl 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 μm  
**Order No:** 7HG-G018-11  
**Oven Profile:** 100 °C for 2 min to 200 °C @ 20 °C/min to 220 °C @ 5 °C/min to 300 °C @ 15 °C/min for 2 min.  
**Carrier Gas:** Constant Flow Helium, 1 mL/min  
**Injection:** Split 20:1 1 μL @ 250°C  
**Detection:** Mass Selective (MSD) (180°C)  
**Analyst Note:** Analytes 50ppm in acetone



Products used in this application:



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### ANALYTES:

- 1 1,2-Dibromo-3-chloropropane
- 2 Hexachlorocyclopentadiene
- 3 Etridiazole
- 4 Chloroneb
- 5 Propachlor
- 6 Di-allate
- 7 Hexachlorobenzene
- 8 Dichlone
- 9 Chlorothalonil
- 10 Alachlor
- 11 Chlorthal
- 12 gamma-Chlordane
- 13 alpha-Chlordane
- 14 trans-Nonachlor
- 15 Nitrofen
- 16 Chlorobenzilate
- 17 Chloropropylate
- 18 Kepone
- 19 Captafol
- 20 Permethrin
- 21 Permethrin

