

# GC Application

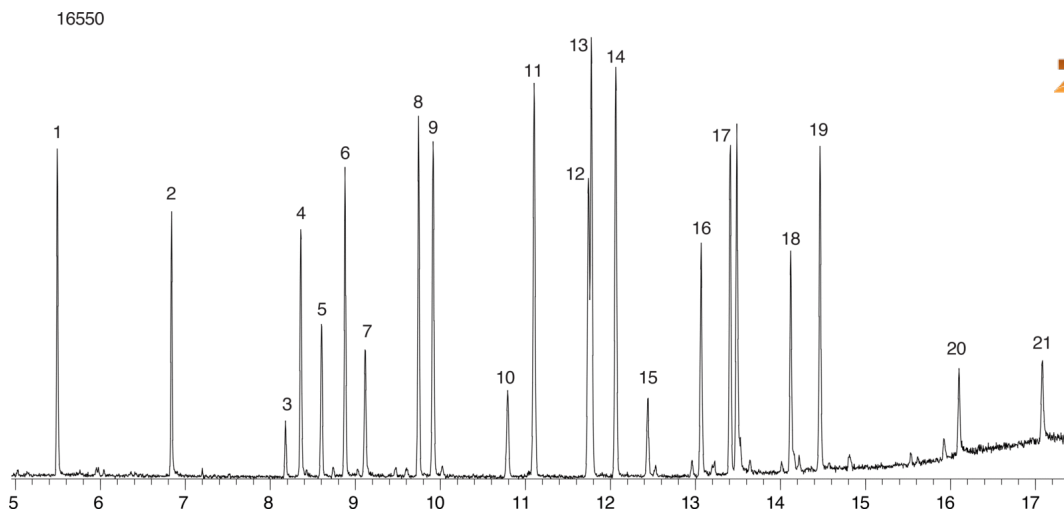
ID No.: 16550

## Organophosphorus pesticides using MSD 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 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 are 25ppm in isoctane



Products used in this application:



## Organophosphorus pesticides using MSD on ZB-5MSi

### ANALYTES:

- 1 Dichlorphos
- 2 Mevinphos (Phosdrin)
- 3 Demeton
- 4 Ethoprop (Ethoprophos)
- 5 Naled (Dibrom)
- 6 Phorate
- 7 Demeton (isomer)
- 8 Diazinon
- 9 Disulfoton
- 10 Methyl parathion
- 11 Ronnel
- 12 Fenthion
- 13 Chlorpyrifos
- 14 Trichloronate
- 15 Tetrachlorvinphos (Tetrachlorovinphos, aka: Stirofos)
- 16 Tokuthion
- 17 Fensulfothion
- 18 Bolstar
- 19 Azinphos-methyl (Gusathion)
- 20 Coumaphos

