

GC Application

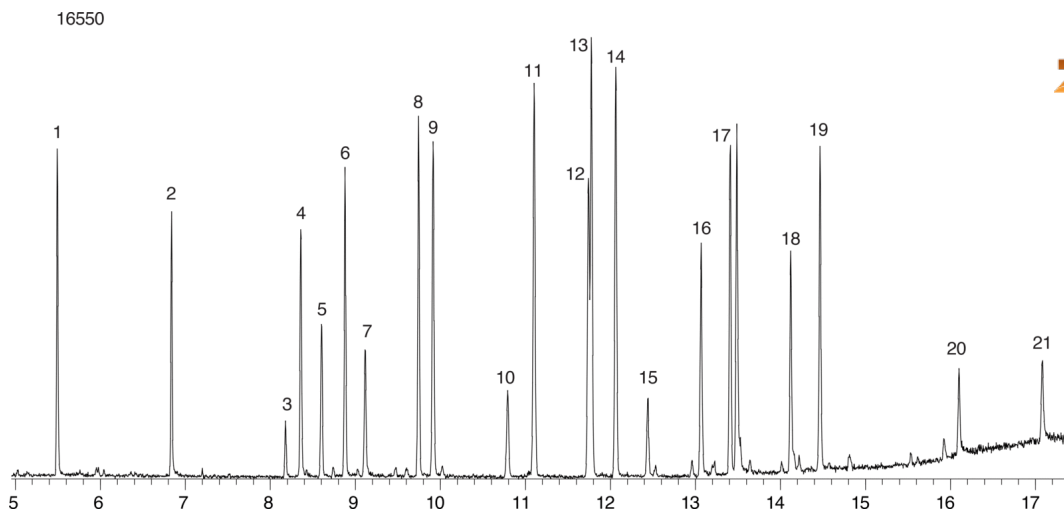
ID No.: 16550

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 isooctane



Products used in this application:



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ANALYTES:

- 1 Dichlorphos
- 2 Mevinphos
- 3 Demeton
- 4 Ethoprop
- 5 Naled
- 6 Phorate
- 7 Demeton
- 8 Diazinon
- 9 Disulfoton
- 10 Methyl parathion
- 11 Ronnel
- 12 Fenthion
- 13 Chlorpyrifos
- 14 Trichloronate
- 15 Tetrachlorvinphos
- 16 Tokuthion
- 17 Fensulfothion
- 18 Bolstar
- 19 Azinphos-methyl
- 20 Coumaphos

