

# GC Application

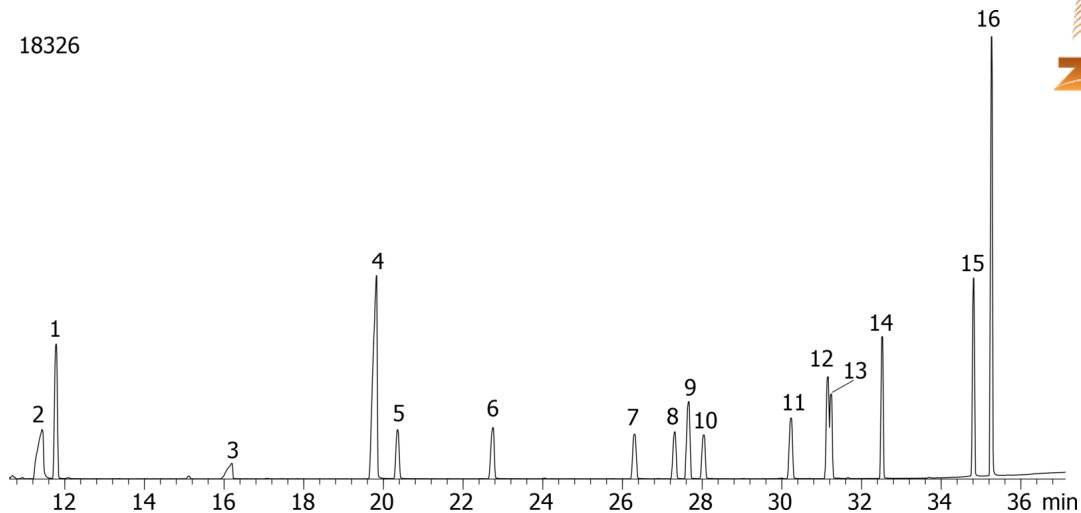
ID No.: 18326

## European Organophosphorous Pesticides Mix # 1 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:** 40 °C for 1 min to 100 °C @ 15 °C/min to 225 °C @ 5 °C/min to 320 °C @ 15 °C/min for 5 min  
**Carrier Gas:** Constant Flow Helium, 0.8 mL/min  
**Injection:** On-Column :1 0.5 μL @ 43°C  
**Detection:** Mass Selective (MSD) (335°C)  
**Analyst Note:** Analytes 10 ppm in Acetone



Products used in this application:



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### ANALYTES:

- 1 Dichlorvos
- 2 Methamidophos
- 3 Acephate
- 4 Omethoate
- 5 Demeton-S-methyl
- 6 Dimethoate
- 7 Tolclofos-methyl
- 8 Pirimiphos methyl
- 9 Malathion
- 10 Chlorpyrifos
- 11 Methidathion
- 12 Prothiophos
- 13 Profenofos
- 14 Ethion
- 15 Azinphos-methyl
- 16 Pyrazophos

