

# GC Application

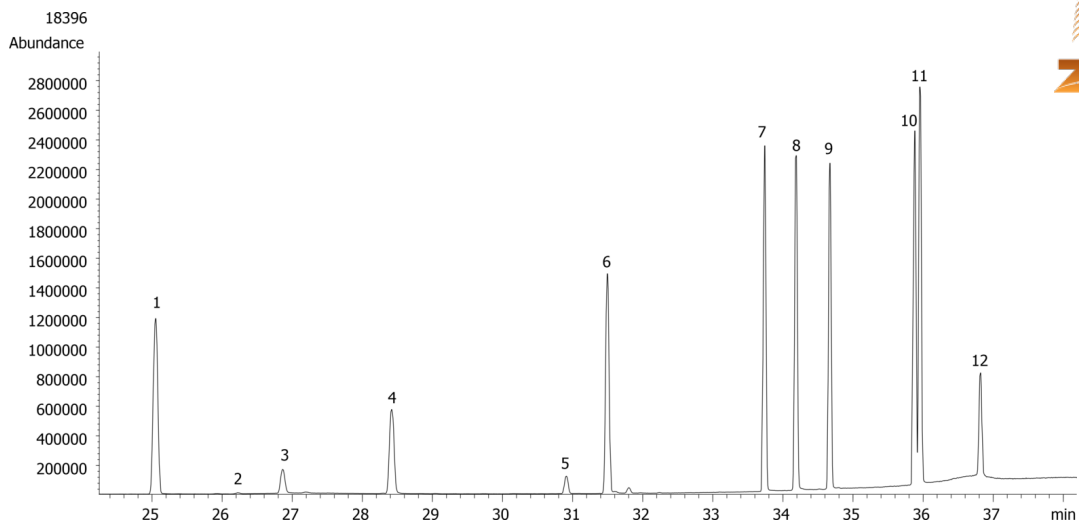
ID No.: 18396

## Organophosphorous Pesticides (EPA 8141) Mix # 3 on ZB-35

**Column:** Zebtron™ ZB-35, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea  
**Phase:** 35% Phenyl 65% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G003-11  
**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 Terbufos
- 2 Dioxathion
- 3 Phosphamidon
- 4 Phosphamidon
- 5 Chlorfenvinphos
- 6 Chlorfenvinphos
- 7 Ethion
- 8 Carbophenothion
- 9 Famphur
- 10 Phosmet
- 11 Leptophos
- 12 Azinphos-ethyl

