

# GC Application

ID No.: 18436

## Organophosphorous Pesticides (EPA 8141) Mix # 3 on ZB-1701P

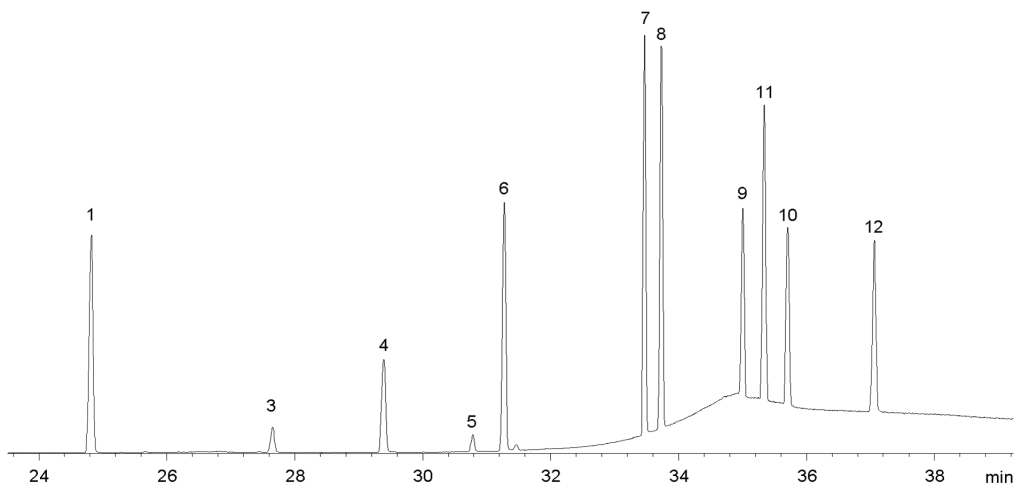
**Column:** Zebtron™ ZB-1701, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** 14% Cyanopropylphenyl 86% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 μm  
**Order No:** 7HG-G006-11  
**Oven Profile:** 40 °C for 1 min to 100 °C @ 15 °C/min to 225 °C @ 5 °C/min to 290 °C @ 15 °C/min for 25 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:



18436



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### ANALYTES:

- 1 Terbufos (Terbuphos)
- 2 Dioxathion
- 3 Phosphamidon (cis)
- 4 Phosphamidon (trans)
- 5 Chlorfenvinphos (isomer 1)
- 6 Chlorfenvinphos (isomer 2)
- 7 Ethion
- 8 Carbophenothion (Trithion)
- 9 Famphur (Famophos)
- 10 Phosmet
- 11 Leptophos
- 12 Azinphos-ethyl

