

# GC Application

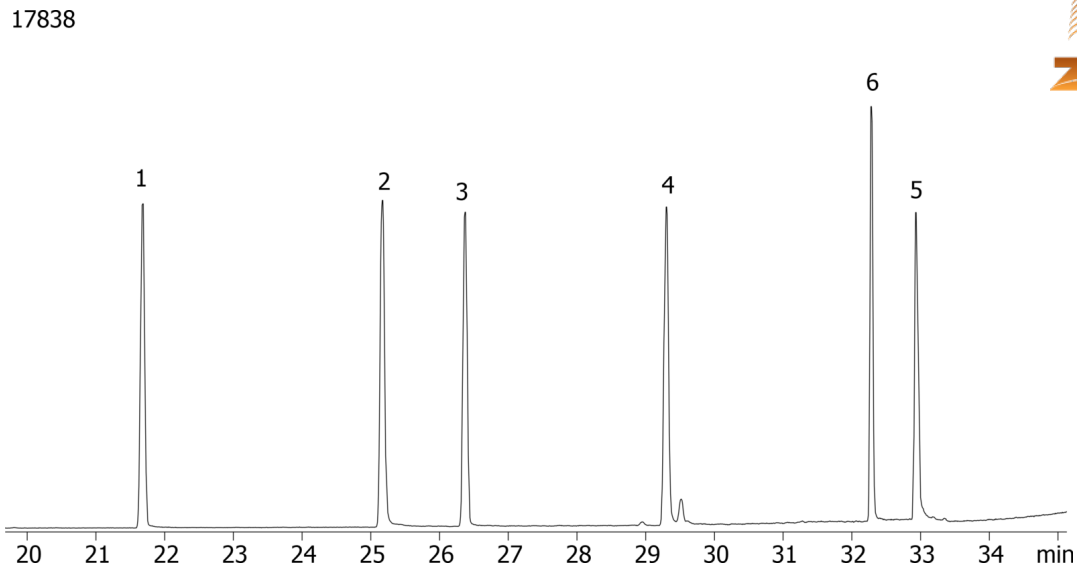
ID No.: 17838

## Nitrogen and Phosphorous Pesticides (EPA 507) Mix # 1 on ZB-50

**Column:** Zebtron™ ZB-50, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea  
**Phase:** 50% Phenyl 50% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 μm  
**Order No:** 7HG-G004-11  
**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 8 min  
**Carrier Gas:** Constant Flow Helium, 0.7 mL/min  
**Injection:** On-Column :1 0.5 μL @ 43°C  
**Detection:** Mass Selective (MSD) (335°C)  
**Analyst Note:** Analytes are 10 ppm in Acetone



Products used in this application:



### ANALYTES:

- 1 Cycloate
- 2 Prometon
- 3 Disulfoton
- 4 Ametryn
- 5 Fenamiphos
- 6 Merphos

