

# GC Application

ID No.: 14444

## Organochlorine Pesticides (EPA Method 8081A - ZB-5)

**Column:** Zebron<sup>™</sup> ZB-5, GC Cap. Column 30 m x 0.53 mm x 1.50  $\mu$ m, Ea

**Phase:** 5% Phenyl 95% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.53 mm x 1.5  $\mu$ m

**Order No:** 7HK-G002-28

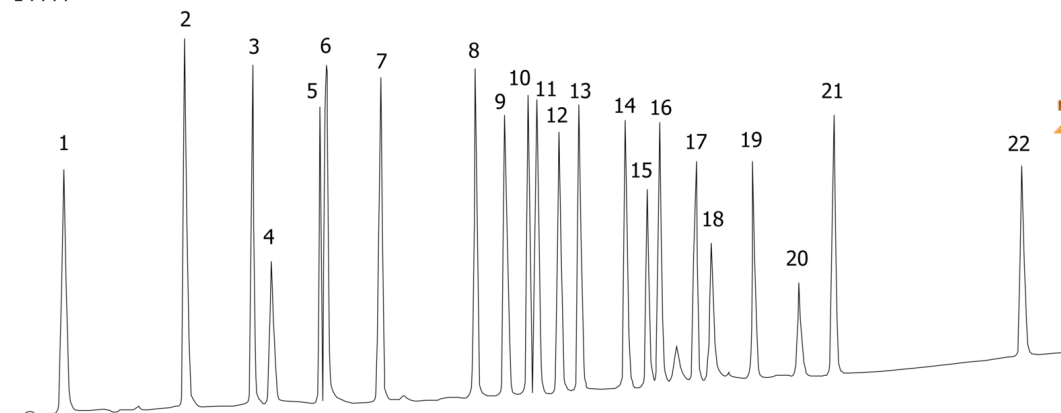
**Oven Profile:** 120°C (hold 1min), 120-300°C @ 9°C/min (hold 4min)

**Carrier Gas:** Helium, 8.6 mL/min

**Injection:** Pulsed Splitless :1 1  $\mu$ L @ 200°C

**Detection:** Electron Capture (ECD) (300°C)

14444



Products used in this application:



## Organochlorine Pesticides (EPA Method 8081A - ZB-5)

### ANALYTES:

- 1 Tetrachloro-m-xylene
- 2 alpha-BHC
- 3 gamma-BHC
- 4 beta-BHC
- 5 delta-BHC
- 6 Heptachlor
- 7 Aldrin
- 8 Heptachlor epoxide
- 9 gamma-Chlordane
- 10 alpha-Chlordane
- 11 Endosulfan I
- 12 4,4'-DDE
- 13 Dieldrin
- 14 Endrin
- 15 4,4'-DDD
- 16 Endosulfan II
- 17 4,4'-DDT
- 18 Endrin aldehyde
- 19 Endosulfan sulfate
- 20 Methoxychlor
- 21 Endrin ketone
- 22 Decachlorobiphenyl

