

# GC Application

ID No.: 15784

## EPA method 8081: Organochlorine Pesticides on ZB-1

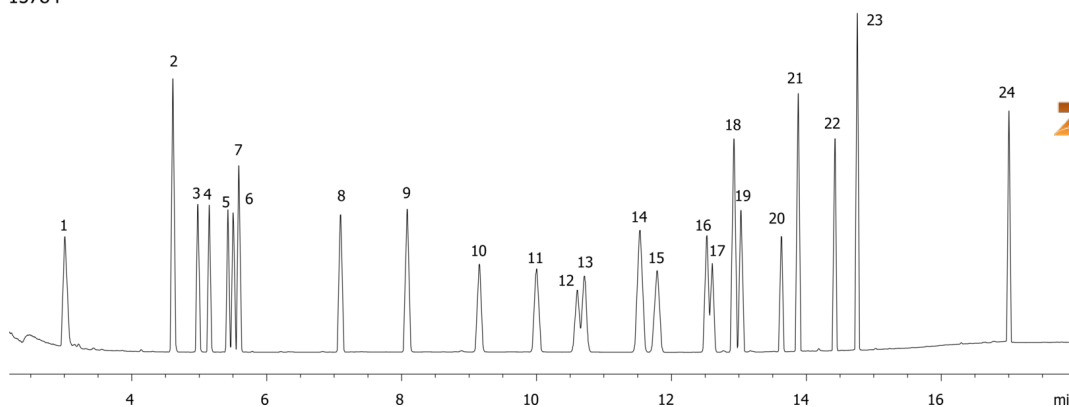
**Column:** Zebron<sup>™</sup> ZB-1, GC Cap. Column 30 m x 0.32 mm x 0.50 µm, Ea  
**Phase:** 100% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.32 mm x 0.5 µm  
**Order No:** 7HM-G001-17  
**Oven Profile:** 140°C to 215°C at 20°C/min for 8 min to 320°C at 25°C/min for 4 min

**Carrier Gas:** Constant Flow Helium, 12.5 mL/min  
**Injection:** Splitless :1 1 µL @ 250°C  
**Detection:** Electron Capture (ECD) (330°C)

15784



Products used in this application:



## EPA method 8081: Organochlorine Pesticides on ZB-1

### ANALYTES:

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

