

# GC Application

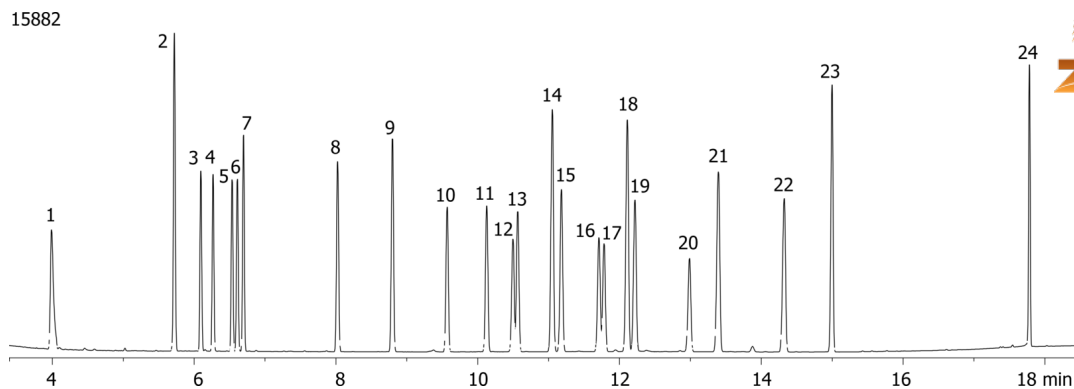
ID No.: 15882

## EPA Method 8081 - Organochlorine Pesticides on ZB-1ms

**Column:** Zebron<sup>™</sup> ZB-1MS, GC Cap. Column 30 m x 0.25 mm x 0.25  $\mu$ m, Ea  
**Phase:** 100% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25  $\mu$ m  
**Order No:** 7HG-G011-11  
**Oven Profile:** 100°C for 0.2 min to 200°C at 25°C/min to 240°C at 4°C/min to 320°C at 25°C/min for 2.5min  
**Carrier Gas:** Constant Flow Helium, 1.5 mL/min  
**Injection:** Splitless :1 1  $\mu$ L @ 250°C  
**Detection:** Flame Ionization (FID) (330°C)  
**Analyst Note:** All analytes are 20ppm.



Products used in this application:



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### ANALYTES:

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

