

GC Application

ID No.: 18781

EPA Method 8081- Organochlorine Pesticides on ZB-35HT

Column: Zebron[™] ZB-35HT, GC Cap. Column 30 m x 0.25 mm x 0.25 μ m, Ea

Phase: 35% Phenyl 65% Dimethylpolysiloxane

Dimensions: 30 meters x 0.25 mm x 0.25 μ m

Order No: 7HG-G025-11

Oven Profile: 160 °C for 0.5 min to 320 °C @ 25 °C/min for 1.5 min

Carrier Gas: Constant Flow Helium, 1.2 mL/min

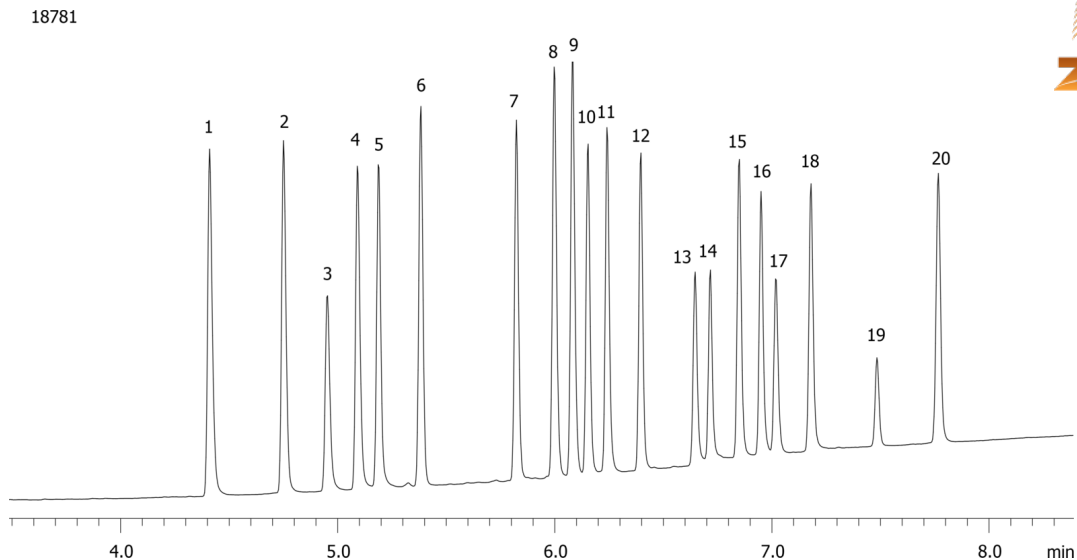
Injection: Split 5:1 1 μ L @ 350°C

Detection: Electron Capture (ECD) (350°C)

Analyst Note: Analytes are 50ppb in isoctane



Products used in this application:



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ANALYTES:

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

