

GC Application

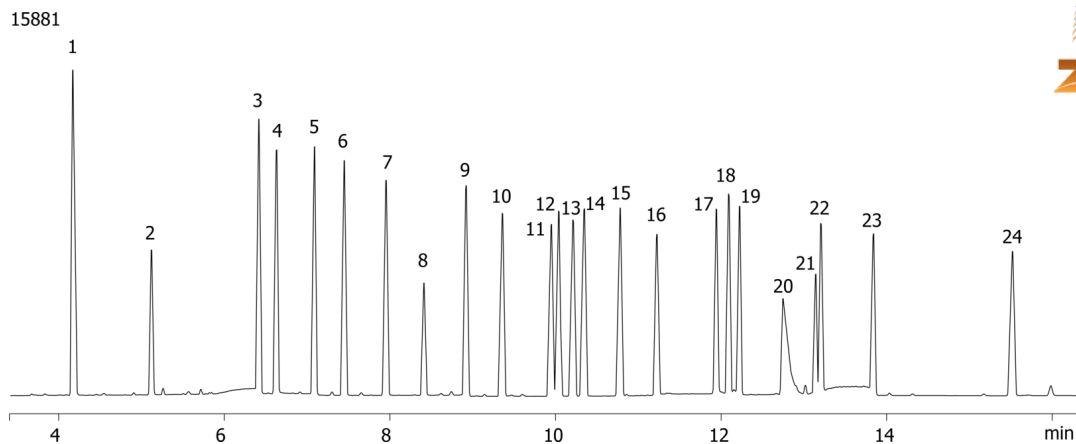
ID No.: 15881

EPA Method 8081 (Organochlorine Pesticides) on ZB-1701P

Column: Zebtron™ ZB-1701P, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea
Phase: 14% Cyanopropylphenyl 86% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μm
Order No: 7HG-G012-11
Oven Profile: 100°C to 200°C at 25°C/min to 240°C at 6°C/min to 285°C at 20°C/min for 5 min
Carrier Gas: Constant Flow Helium, 1.6 mL/min
Injection: Splitless :1 1 μL @ 240°C
Detection: Electron Capture (ECD) (300°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 (TCMX)
- 3 alpha-BHC
- 4 Pentachloronitrobenzene
- 5 gama-BHC (Lindane)
- 6 Heptachlor
- 7 Aldrin
- 8 b-BHC
- 9 delta-BHC
- 10 Heptachlor epoxide
- 11 Endosulfan I
- 12 gamma-Chlordane
- 13 alpha-Chlordane
- 14 4,4'-DDE
- 15 Dieldrin
- 16 Endrin
- 17 4,4'-DDD
- 18 Endosulfan II
- 19 4,4'-DDT
- 20 Endrin aldehyde
- 21 Methoxychlor
- 22 Endosulfan sulfate
- 23 Endrin ketone
- 24 Decachlorobiphenyl

