

GC Application

ID No.: 21440

Organochlorine Pesticides (EPA 8081 compounds) on Zebron ZB-SemiVolatiles

Column: Zebron™ ZB-SemiVolatiles, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane (Enviro-Inert)

Dimensions: 30 meters x 0.25 mm x 0.25 μm

Order No: 7HG-G027-11

Oven Profile: 100 °C for 0.75 min to 210 @ 35 °C/min to 240 °C/min @ 3 °C/min to 300 °C @ 20 °C/min for 1 min

Carrier Gas: Constant Flow Helium, 1.2 mL/min

Injection: Pulsed :1 1 μL @ 260°C

Detection: Mass Selective (MSD) (320°C)

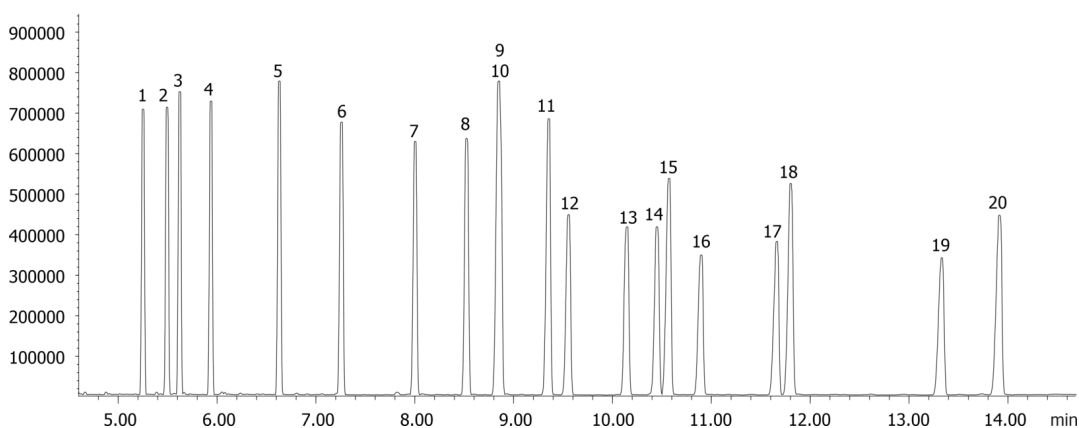
Analyst Note: Pulsed Splitless Injection @ 30 psi for 0.55 min
Liner: Single Taper with Wool @ Bottom (AG0-8499)
Gold Seal: Easy Seal (AG0-8620)
Septum: PhenoRed (AG0-4696)



Products used in this application:



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ANALYTES:

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

