

GC Application

ID No.: 21439

Chlorinated Pesticides (508 list) on ZB-SemiVolatiles

Column: Zebtron[™] ZB-SemiVolatiles, GC Cap. Column 30 m x 0.25 mm x 0.25 μ m, Ea

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

Dimensions: 30 meters x 0.25 mm x 0.25 μ m

Order No: 7HG-G027-11

Oven Profile: 80 °C for 0.75 min to 190 °C @ 35 °C/min to 240 °C @ 5 °C/min to 300 °C @ 20 °C/min for 2 min

Carrier Gas: Constant Flow Helium, 1.2 mL/min

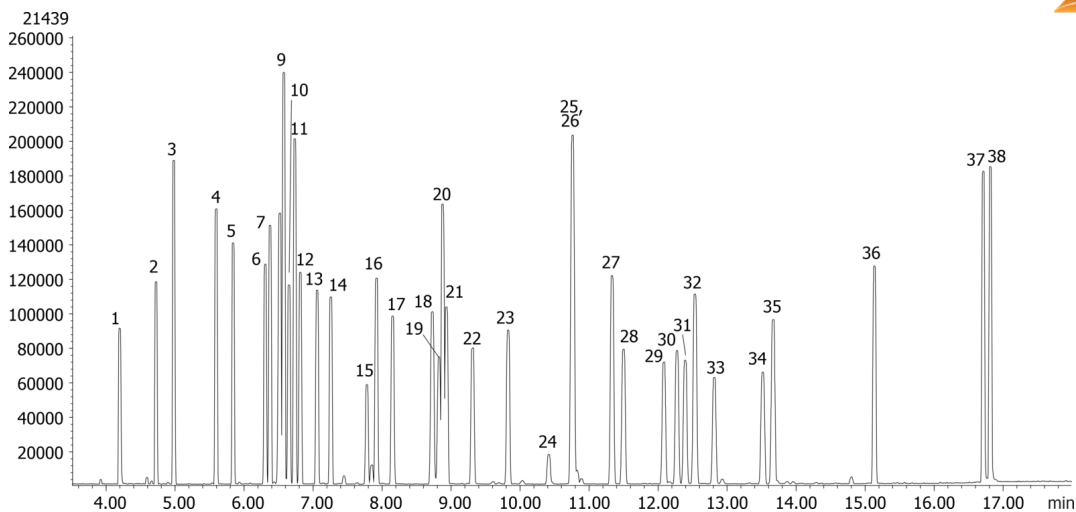
Injection: Pulsed :1 1 μ L @ 260°C

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 Hexachlorocyclopentadiene
- 2 Etridiazole
- 3 Chloroneb
- 4 Propachlor
- 5 Trifluralin
- 6 alpha-BHC
- 7 Hexachlorobenzene
- 8 Simazine
- 9 Atrazine
- 10 gamma-BHC
- 11 Pentachloronitrobenzene
- 12 b-BHC
- 13 Chlorothalonil
- 14 delta-BHC
- 15 Metribuzin
- 16 Alachlor
- 17 Heptachlor
- 18 Metolachlor
- 19 Cyanazine
- 20 Dacthal
- 21 Aldrin
- 22 4,4-Dibromophenol
- 23 Heptachlor epoxide
- 24 gamma-Chlordane
- 25 alpha-Chlordane
- 26 Endosulfan II
- 27 DDE
- 28 Dieldrin
- 29 Endrin
- 30 Chlorobenzilate
- 31 Endosulfan II
- 32 DDD
- 33 Endrin aldehyde
- 34 Endosulfan sulfate
- 35 DDT
- 36 Methoxychlor
- 37 cis-Permethrin
- 38 trans-Permethrin

