

GC Application

ID No.: 16225

EPA 8081: Organochlorine Pesticides on ZB-MR1

Column: Zebtron™ ZB-MultiResidue™-1, GC Cap. Column 30 m x 0.32 mm x 0.50 μm, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.32 mm x 0.5 μm

Order No: 7HM-G016-17

Oven Profile: 100 °C for 0.5 min to 220 °C at 35 °C/min to 340 °C at 20 °C/min for 2 min

Carrier Gas: Constant Pressure Helium, 4.9 mL/min

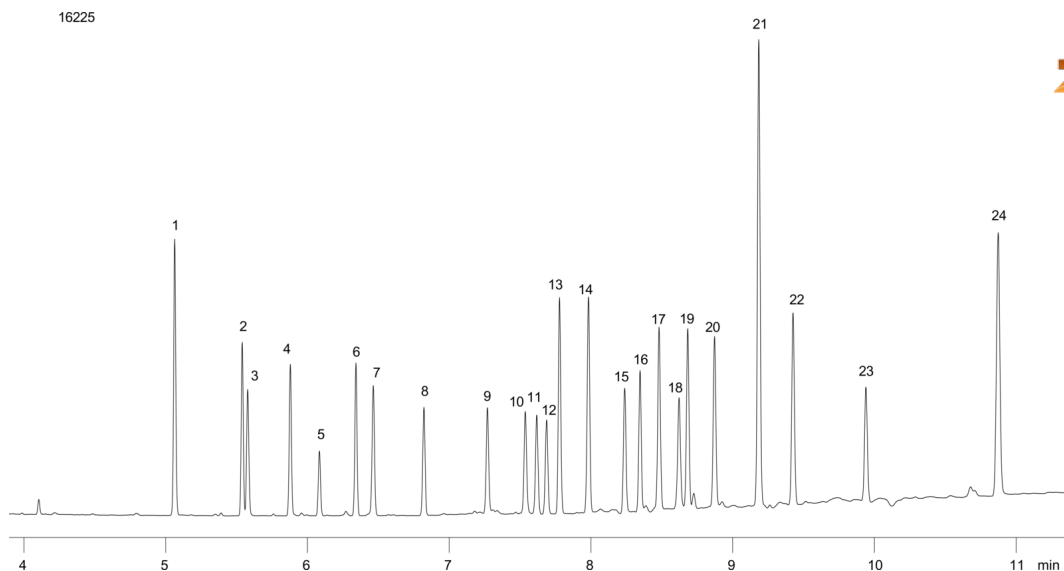
Injection: Splitless :1 1 μL @ 250°C

Detection: Electron Capture (ECD) (340°C)

Analyst Note: Analytes were 40ppb. Constant head pressure of 25.0 psi. A 5 meter guard column was attached to both



Products used in this application:



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ANALYTES:

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

