

GC Application

ID No.: 23625

EPA 508.1 on ZB-CLPesticides-1 (Hydrogen gas)

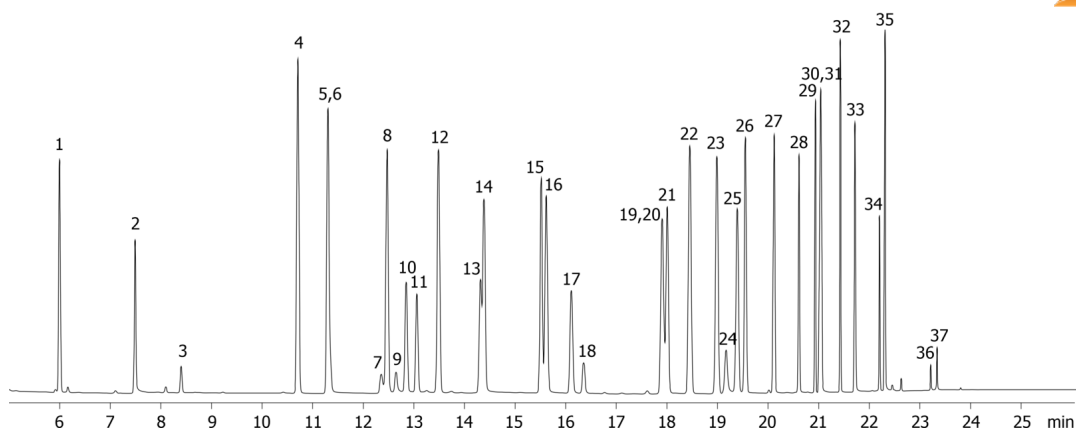
Column: Zebron ZB-CLPesticides-1 Column 30m x 0.32mm x 0.32µm , Ea
Phase: Unknown or Proprietary
Dimensions: 30 meters x 0.32 mm x 0.32 µm
Order No: 7HM-G028-51
Oven Profile: 80 °C for 0.5 min to 155 °C at 19 °C/min for 1 min to 210 °C at 4 °C/min to 310 °C at 25 °C/min for 2 min
Carrier Gas: Constant Flow Hydrogen, 1.2 mL/min
Injection: Splitless :1 1 µL @ 250°C
Detection: Electron Capture (ECD) (330°C)
Analyst Note: Analytes are 1000 ng/mL in Hexane
Columns are split using a Y-splitter connected to a 5 m x 0.32 ID guard column (7AM-G000-00-GZ0)



Products used in this application:



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ANALYTES:

- 1 Hexachlorocyclopentadiene
- 2 Etridiazole
- 3 Chlorneb
- 4 Hexachlorobenzene
- 5 Propachlor
- 6 a-BHC
- 7 Simazine
- 8 g-BHC
- 9 Atrazine
- 10 b-BHC
- 11 Trifluralin
- 12 d-BHC
- 13 Metribuzin
- 14 Heptachlor
- 15 Aldrin
- 16 Chlorothalonil
- 17 4,4'-Dibromobiphenyl (SS)
- 18 Alachlor
- 19 Metolachlor
- 20 Heptachlor epoxide
- 21 DCPA (dacthal)
- 22 trans-Chlordane
- 23 cis-Chlordane
- 24 Cyanazine
- 25 Endosulfan I
- 26 4,4'-DDE
- 27 Dieldrin
- 28 Endrin
- 29 4,4'-DDD
- 30 Chlorobenzilate
- 31 Endosulfan II
- 32 4,4'-DDT
- 33 Endrin aldehyde
- 34 Methoxychlor
- 35 Endosulfan sulfate
- 36 cis-Permethrin
- 37 trans-permethrin

