

GC Application

ID No.: 23632

EPA 8151 by GC/ECD on ZB-CLPesticides-1 (Hydrogen Gas)

Column: Zebtron ZB-CLPesticides-1 Column 30m x 0.32mm x 0.32µm , Ea
Phase: Proprietary Pesticides Phase
Dimensions: 30 meters x 0.32 mm x 0.32 µm
Order No: 7HM-G028-51
Oven Profile: 70 °C for 0.5 min to 190 °C @ 25 °C/min for 1 min to 300 °C @ 11 °C/min for 5 min

Carrier Gas: Constant Flow Hydrogen, 36 cm/sec

Injection: Splitless :1 1 µL @ 250°C

Detection: Electron Capture (ECD) (330°C)

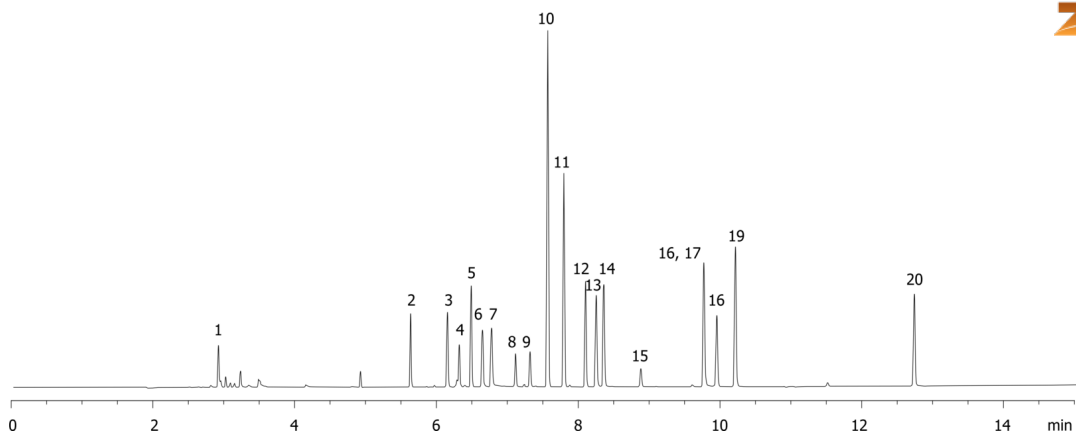
Analyst Note: Analytes are 1000 ng/mL in Hexane. Columns are split using a Y-splitter connected to a 5 m x 0.32 ID guard



Products used in this application:



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ANALYTES:

- 1 Dalapon methyl ester
- 2 3,5-Dichlorobenzoic acid methyl ester
- 3 4-Nitroanisole
- 4 DCAA methyl ester (SS)
- 5 Dicamba methyl ester
- 6 MCPP
- 7 MCPA
- 8 Dichlorprop methyl ester
- 9 2,4-D methyl ester
- 10 Pentachloroanisole
- 11 DBOB (IS)
- 12 2,4,5-TP methyl ester
- 13 Chloramben methyl ester
- 14 2,4,5-T methyl ester
- 15 2,4-DB methyl ester
- 16 Bentazon methyl ester
- 17 Picloram methyl ester
- 18 Dinoseb methyl ester
- 19 DCPA methyl ester (Dacthal)
- 20 Acifluorfen methyl ester

