

GC Application

ID No.: 16576

EPA 8151A on MR2 (Carrier Gas: Helium)

Column: Zebtron[™] ZB-MultiResidue[™]-2, GC Cap. Column 30 m x 0.32 mm x 0.25 μm, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.32 mm x 0.25 μm

Order No: 7HM-G017-11

Oven Profile: 50°C for 0.5 min to 100 °C @ 25 °C/min to 200°C @ 22 °C/min for 2 min to 320 °C @ 17 °C/min.

Carrier Gas: Constant Flow Helium, 3 mL/min

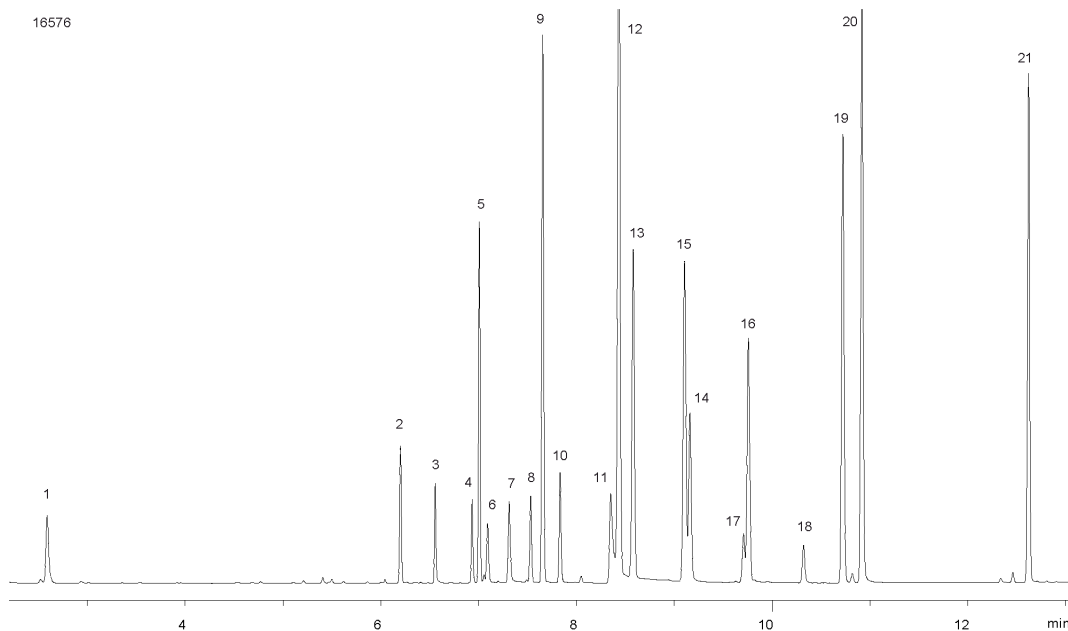
Injection: Splitless :1 1 μL @ 250°C

Detection: Electron Capture (ECD) (335°C)

Analyst Note: Analytes are 0.5 ppm in Hexane.



Products used in this application:



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ANALYTES:

- 1 Dalapon
- 2 3,5-Dichlorobenzoic acid
- 3 4-Nitrophenol
- 4 DCAA (surrogate)
- 5 Dicamba
- 6 MCPP
- 7 MCPA
- 8 Dichloroprop
- 9 DBOB (internal standard)
- 10 2,4-D
- 11 contaminant
- 12 Pentachlorophenol
- 13 Silvex
- 14 Chloramben
- 15 2,4,5-T
- 16 Dinoseb
- 17 2,4-DB
- 18 Bentazon
- 19 Picloram
- 20 Dacthal (DCPA)
- 21 Acifluorfen

