

GC Application

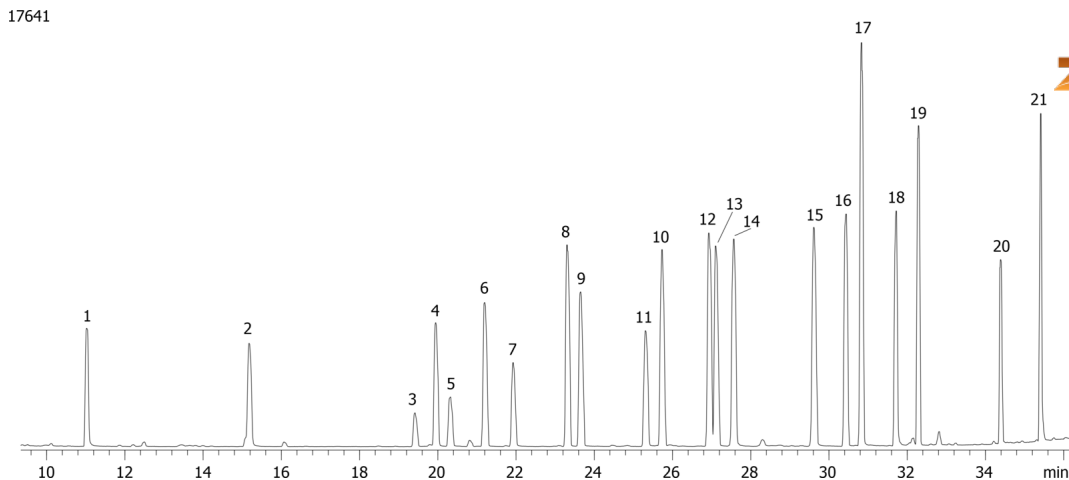
ID No.: 17641

Organophosphorous Pesticides (EPA 8141) Mix # 1 on ZB-5ms

Column: Zebron[™] ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 µm
Order No: 7HG-G010-11
Oven Profile: 40 °C for 1 min to 100 °C @ 15 °C/min to 225 °C @ 5 °C/min to 320 °C @ 15 °C/min for 8 min
Carrier Gas: Constant Flow Helium, 0.8 mL/min
Injection: On-Column :1 0.5 µL @ 43°C
Detection: Mass Selective (MSD) (335°C)
Analyst Note: Analytes 10 ppm in Acetone



Products used in this application:



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ANALYTES:

- 1 Dichlorvos
- 2 Mevinphos
- 3 Demeton
- 4 Ethoprop
- 5 Naled
- 6 Phorate
- 7 Demeton
- 8 Diazinon
- 9 Disulfoton
- 10 Fenchlorphos
- 11 Methyl parathion
- 12 Chlorpyrifos
- 13 Fenthion
- 14 Trichloronate
- 15 Tetrachlorvinphos
- 16 Prothiophos
- 17 Merphos
- 18 Fensulfothion
- 19 Sulprofos
- 20 Azinphos-methyl
- 21 Coumaphos

