

GC Application

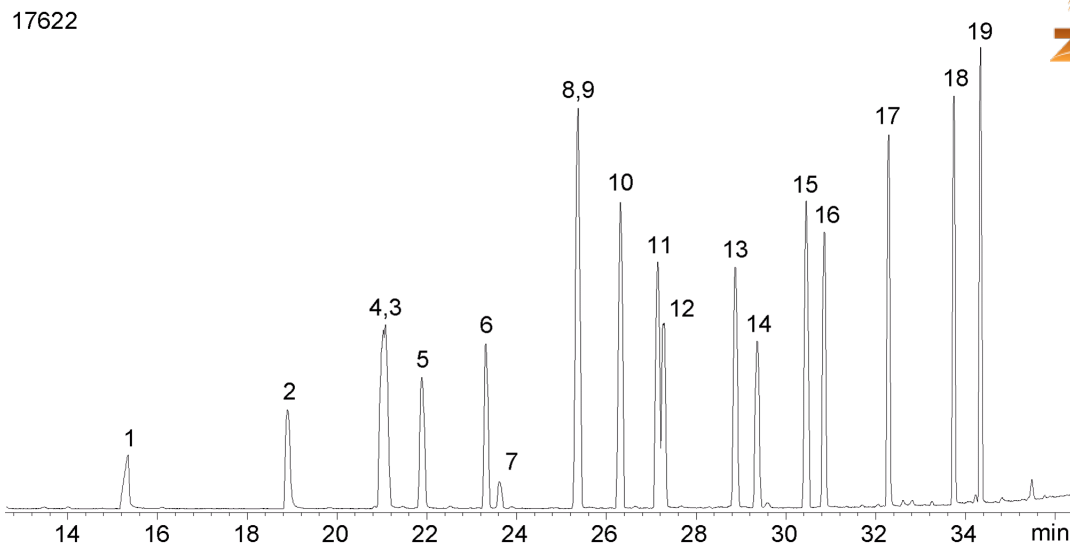
ID No.: 17622

Organophosphorous Pesticides Mix 2 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 Acephate
- 2 Omethoate
- 3 Cadusafos
- 4 Monocrotophos
- 5 Dimethoate
- 6 Tris(chloropropyl) phosphate (isomer 1)
- 7 Tris(chloropropyl) phosphate (isomer 2)
- 8 Tolclofos-methyl
- 9 Methyl parathion
- 10 Pirimiphos-methyl
- 11 Fenthion
- 12 Parathion (Ethyl parathion)
- 13 Quinalphos
- 14 Methidathion
- 15 Prothiophos (Tokuthion)
- 16 Tribufos (DEF)
- 17 Triazophos
- 18 EPN
- 19 Phosalone

