

# GC Application

ID No.: 15438

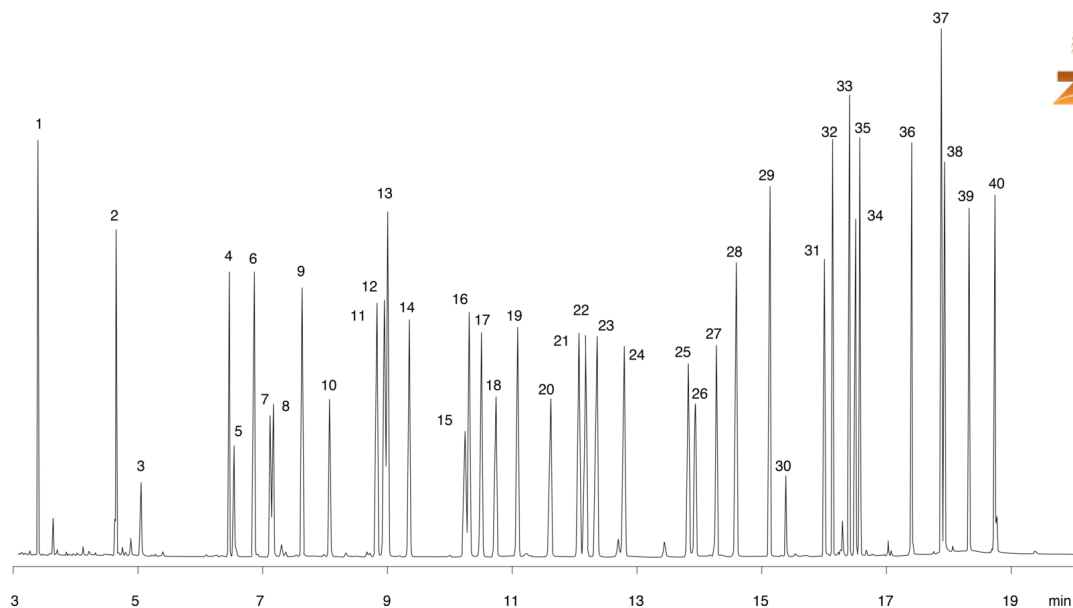
## EPA Method 8141A on ZB-5MS

**Column:** Zebron<sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25  $\mu$ m, Ea  
**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25  $\mu$ m  
**Order No:** 7HG-G010-11  
**Oven Profile:** 100°C to 170°C at 20°C/min to 210°C at 4°C/min to 300°C at 20°C/min for 4 min  
**Carrier Gas:** Constant Flow Helium, 1.5 mL/min  
**Injection:** split 20:1 1  $\mu$ L @ 250°C  
**Detection:** Mass Selective (MSD) (240°C)

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Products used in this application:



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### ANALYTES:

- 1 Dichlorvos
- 2 Mevinphos
- 3 Trichlorfon
- 4 Thionazin
- 5 Demeton
- 6 Ethoprop
- 7 Naled
- 8 Dichrotophos
- 9 Phorate
- 10 Demeton
- 11 Terbufos
- 12 Fonofos
- 13 Diazinon
- 14 Disulfoton
- 15 Phosphamidon
- 16 Dichlofenthion
- 17 Chlorpyrifos-methyl
- 18 Methyl parathion
- 19 Fenchlorphos
- 20 Fenitrothion
- 21 Aspon
- 22 Chlorpyrifos
- 23 Fenthion
- 24 Trichloronate
- 25 Chlorfenvinphos
- 26 Merphos
- 27 Crotoxyphos
- 28 Tetrachlorvinphos
- 29 Tokuthion
- 30 Merphos oxone
- 31 Fensulfothion
- 32 Ethion
- 33 Bolstar
- 34 Famphur
- 35 Carbophenothion
- 36 Phosmet
- 37 Leptophos
- 38 Azinphos-methyl
- 39 Azinphos-ethyl
- 40 Coumaphos

