

GC Application

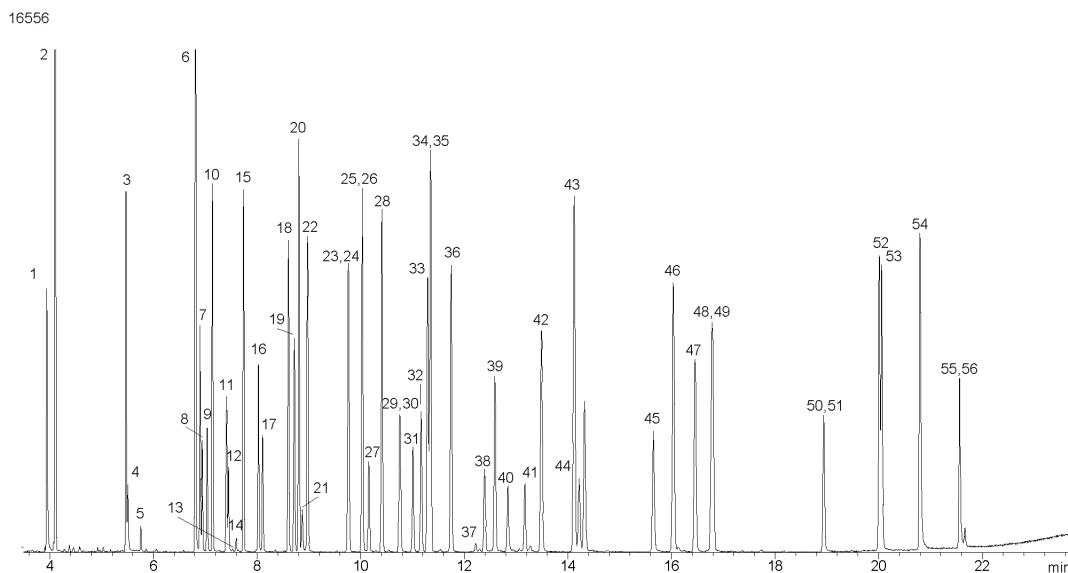
ID No.: 16556

Pesticides by MSD on ZB-5MSi

Column: Zebron[™] ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.25 μ m, Ea
Phase: 5% Phenyl 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μ m
Order No: 7HG-G018-11
Oven Profile: 120 °C for 2 min to 190 °C @ 20 °C/min to 240 °C @ 4 °C/min to 320 °C @ 15 °C/min for 3 min.
Carrier Gas: Constant Flow Helium, 1.3 mL/min
Injection: Split 20:1 1 μ L @ 250°C
Detection: Mass Selective (MSD) (180°C)
Analyst Note: Anaytes are 10ppm in Acetone



Products used in this application:



Pesticides by MSD on ZB-5MSi

ANALYTES:

- | | |
|---------------------------------------|---|
| 1 Methamidophos (Monitor) | 41 Methidathion |
| 2 Dichlorvos (DDVP) | 42 Tetrachlorvinphos (Tetrachlorovinphos, aka: Stirofos) |
| 3 Mevinphos (Phosdrin) | 43 Tokuthion |
| 4 Acephate | 44 Profenofos |
| 5 Trichlorfon | 45 Fensulfothion |
| 6 Omethoate | 46 Ethion |
| 7 Thionazin (Zinophos) | 47 Bolstar |
| 8 Demeton | 48 Carbophenothion |
| 9 Demeton-S-methyl | 49 Famphur (Famophos) |
| 10 Ethoprop (Ethoprophos) | 50 Phosmet |
| 11 Naled (Dibrom) | 51 EPN |
| 12 Dicrotophos | 52 Azinphos methyl |
| 13 Monocrotophos | 53 Leptophos |
| 14 Sulfotep | 54 Azinphos-ethyl |
| 15 Phorate | 55 Pyrazophos |
| 16 Demeton (isomer) | 56 Coumaphos |
| 17 Dimethoate | 57 Dioxathion |
| 18 Terbufos (Terbuphos) | |
| 19 Fonofos | |
| 20 Diazinon | |
| 21 Phosphamidon | |
| 22 Disulfoton | |
| 23 Dichlofenthion | |
| 24 Phosphamidon (isomer) | |
| 25 Methyl parathion | |
| 26 Chlorpyrifos-methyl | |
| 27 Tolclofos-methyl | |
| 28 Fenchlorphos (Ronnell) | |
| 29 Fenitrothion | |
| 30 Pirimiphos-methyl | |
| 31 Malathion | |
| 32 Aspon | |
| 33 Fenthion | |
| 34 Chlorpyrifos | |
| 35 Parathion (Ethyl parathion) | |
| 36 Trichloronate | |
| 37 Chlorfenvinphos | |
| 38 Merphos | |
| 39 Chlorfenvinphos (isomer) | |
| 40 Crotoxyphos | |

