

GC Application

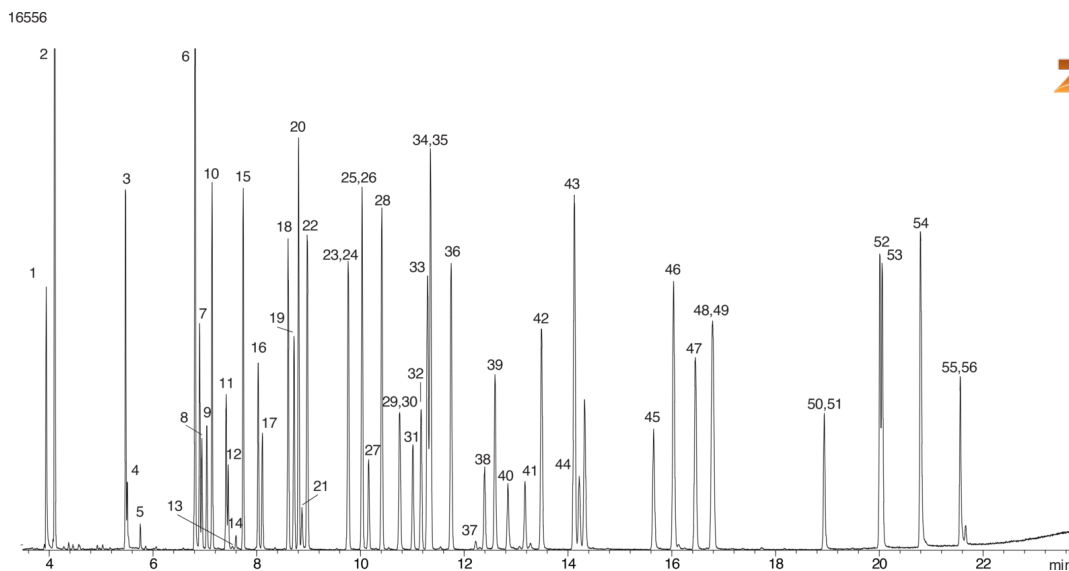
ID No.: 16556

Pesticides by MSD on ZB-5MSi

Column: Zebron[™] ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea
Phase: 5% Phenyl 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μm
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 μL @ 250°C
Detection: Mass Selective (MSD) (180°C)
Analyst Note: Anaytes are 10ppm in Acetone



Products used in this application:



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ANALYTES:

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

