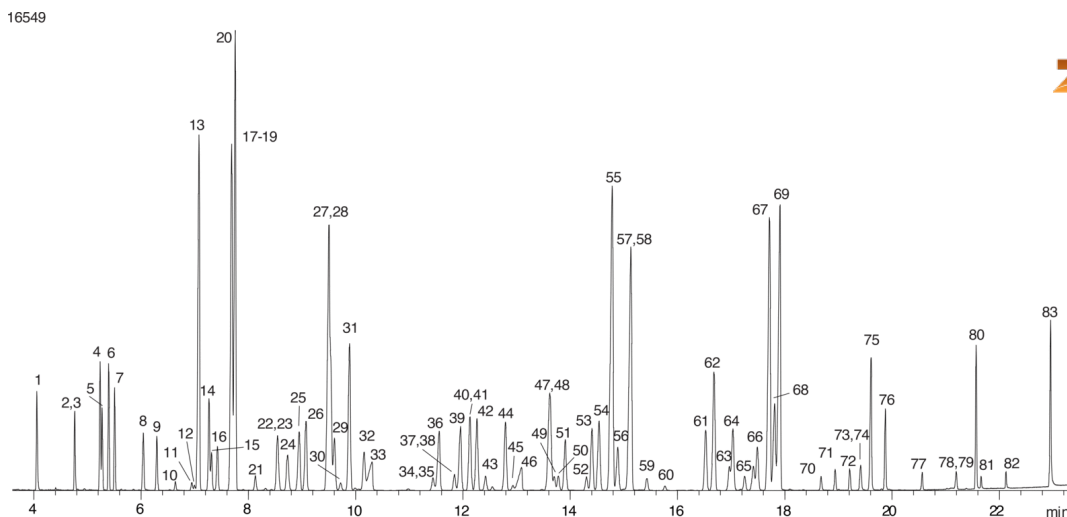


Nitrogen and Phosphorus Pesticides using MSD on ZB-5MSi

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: 100 °C for 1 min to 190 °C @ 20 °C/min for 5 min to 230 °C at 5 °C/min to 360 °C @ 20 °C/min for 2 min.
Carrier Gas: Constant Flow Helium, 0.8 mL/min
Injection: Split 40:1 1 μ L @ 250°C
Detection: Mass Selective (MSD) (180°C)
Analyst Note: Analytes are 25ppm in isooctane

**Products used in this application:**

Nitrogen and Phosphorus Pesticides using MSD on ZB-5MSi**ANALYTES:**

1 Dichlorvos	41 Alachlor	81 Azinphos-ethyl
2 EPTC	42 Prometryn	82 Coumaphos
3 1-Bromo-2-nitrobenzene	43 Ronnel	83 Fluridone
4 Mevinphos	44 Terbutryn	
5 Butylate	45 Fenitrothion	
6 Vernolate	46 Bromacil	
7 Pebulate	47 Metolachlor	
8 Tebuthiuron	48 Aspon	
9 Molinate	49 Fenthion	
10 DEET	50 Chlorpyrifos	
11 Thionazin	51 Triadimefon	
12 Demeton	52 Trichloronate	
13 Propachlor	53 MGK-264	
14 Ethoprop	54 Diphenamide	
15 Cycloate	55 Isopropalin	
16 Chloropham	56 MGK-264	
17 Trifluralin	57 Pendimethalin	
18 Naled	58 Merphos	
19 Dicrotophos	59 Chlorfenvinphos	
20 Benefin	60 Crotoxyphos	
21 Phorate	61 Tetrachlorvinphos	
22 Demeton	62 Butachlor	
23 Atraton	63 Fenamiphos	
24 Prometon	64 Napropamide	
25 Atrazine	65 Tokuthion	
26 Propazine	66 Tricyclazole	
27 Terbufos	67 Oxadiazon	
28 Profluralin	68 Carboxin	
29 Pronamide	69 Oxyfluorfen	
30 Fonofos	70 Fensulfothion	
31 Diazinon	71 Ethion	
32 Disulfoton	72 Sulprofos	
33 Terbacil	73 Famphur	
34 Dichlofenthion	74 Carbophenothion	
35 Phosphamidon	75 Norflurazon	
36 Metribuzin	76 Hexazinone	
37 Chlorpyrifos-methyl	77 Phosmet	
38 Methyl parathion	78 Azinphos-methyl	
39 Simetryn	79 Leptophos	
40 Ametryn	80 Fenarimol	

