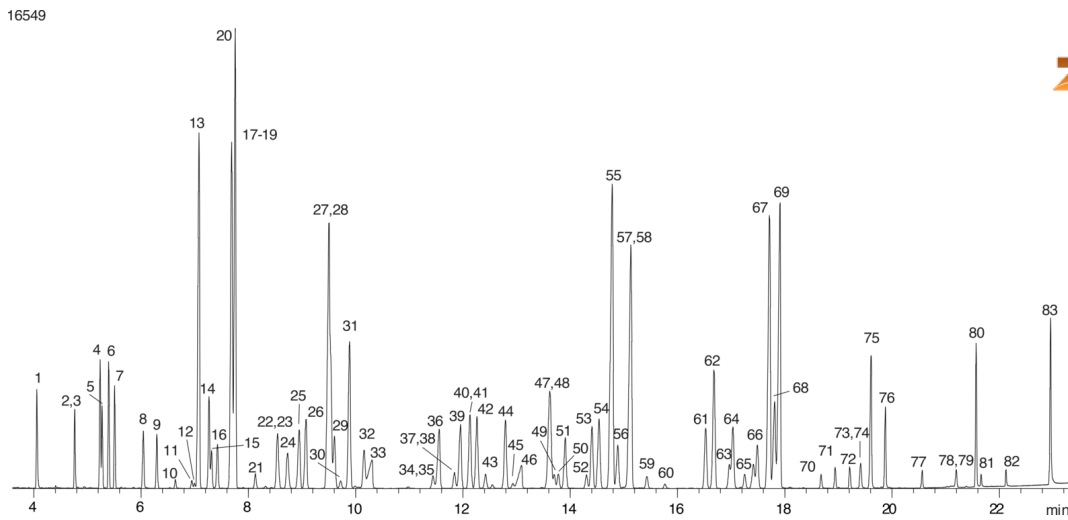


## Nitrogen and Phosphorus Pesticides using MSD on ZB-5MSi

**Column:** Zebtron™ 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:** 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 μL @ 250°C  
**Detection:** Mass Selective (MSD) (180°C)  
**Analyst Note:** Analytes are 25ppm in isoctane



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		

