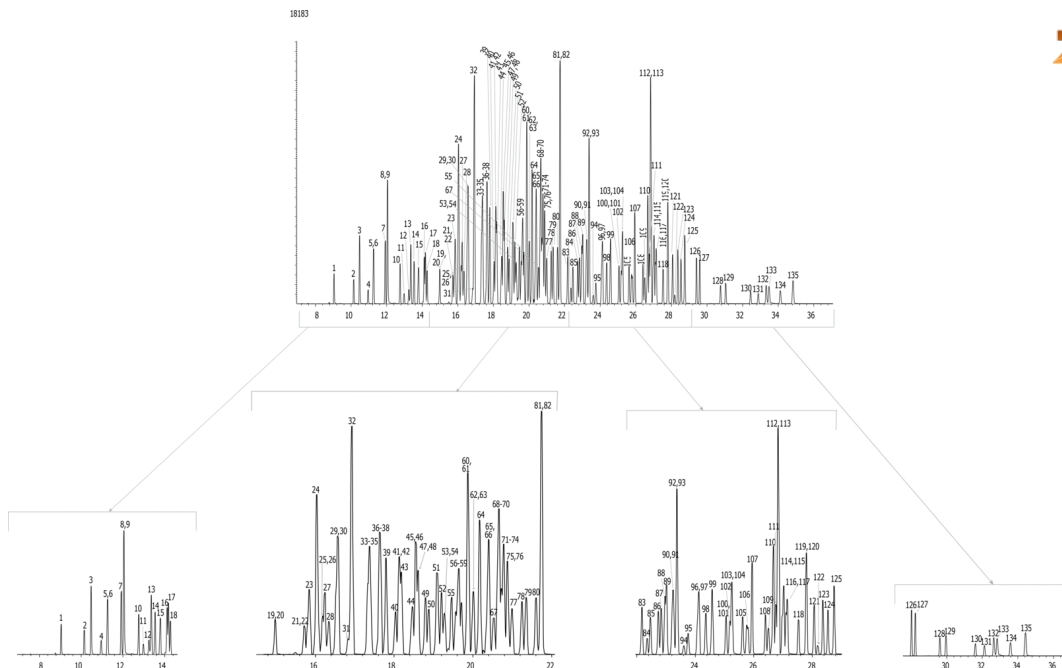


## Multipesticide Screen by MSD on ZB-5

**Column:** Zebtron™ ZB-5, 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-G002-11  
**Oven Profile:** 80 °C for 5 min to 160 °C @ 20 °C/min to 235 °C @ 5 °C/min to 280 °C @ 8 °C/min for 15 min  
**Carrier Gas:** Constant Flow Helium, 1 mL/min  
**Injection:** Splitless :1 2 µL @ 240°C  
**Detection:** Mass Selective (MSD) (280°C)  
**Analyst Note:** Pulsed Splitless Injection at 40psi for 1 min. Analytes are 1 ppm.  
Application courtesy of Frau Dr. F Klose at IVPT GmbH



Products used in this application:



## Multipesticide Screen by MSD on ZB-5

### ANALYTES:

1	Dichlorvos	41	Fenchlorphos	81	Endosulfan I
2	EPTC	42	S241	82	Mepanipyrim
3	Biphenyl	43	Prosulfocarb	83	Iodofenphos
4	Acephate	44	Terbutryn	84	Profenofos
5	Nitrapyrin	45	Methiocarb	85	Fludioxonil
6	Etridiazole	46	Fenitrothion	86	Myclobutanil
7	Chloroneb	47	Pirimiphos-methyl	87	Buprofezin
8	Crimidin	48	Ethofumesate	88	Bupirimate
9	2-Phenylphenol	49	Dichlofluanid	89	Kresoxim-methyl
10	Heptenophos	50	Malathion	90	Nitrofen
11	Omethoate	51	S-Metolachlor	91	Cyproconazole
12	Tecnazene	52	Fenthion	92	Perthan
13	Demeton-S-methyl	53	Chlorpyriphos	93	Fluazifop-P-butyl
14	Ethoprop	54	Parathion	94	Endosulfan II
15	Chlorpropham	55	Chlorthal-dimethyl	95	Fensulfothion
16	Trifluralin	56	Nitrothal-isopropyl	96	Oxadixyl
17	Benfluralin	57	Chlorthion	97	Ethion
18	Sulfotep	58	Fenson	98	Tetrasul
19	Dimethoate	59	Trichloronat	99	Triazophos
20	Ethoxyquin	60	Diphenamide	100	Endosulfan sulfate
21	Terbutylazine	61	Bromophos-methyl	101	Propiconazole
22	Quintozene	62	Isodrin	102	Fenhexamid
23	Propyzamide	63	Pirimiphos-ethyl	103	Trifloxystrobin
24	Pyrimethanil	64	Cyprodinil	104	Propiconazole
25	Diazinon	65	Pendimethalin	105	Tebuconazole
26	Fluchloralin	66	Penconazole	106	Propargite
27	Disulfoton	67	Tolyfluanid	107	Piperonyl butoxide
28	Terbacil	68	Captan	108	Spiromesifen
29	Triallate	69	Chlorfenvinphos	109	Iprodione
30	Chlorthalonil	70	Isofenphos	110	Phosmet
31	Bromocyclen	71	Mecarbam	111	Brompropylate
32	Pirimicarb	72	Fipronil	112	Tetramethrin
33	Propanil	73	Quinalphos	113	Bifenthrin
34	Dimethenamide	74	Phenthoate	114	Dicofol
35	Metribuzin	75	Furalaxyl	115	Fenpropathrin
36	Vinclozolin	76	Folpet	116	Etoxazole
37	Parathion-methyl	77	Procymidon	117	Tebufenpyrad
38	Chlorpyrifos-methyl	78	Methidathion	118	Tetradifon
39	Tolclophos-methyl	79	Bromophos-ethyl	119	Phosalone
40	Metalaxyl	80	Tetrachlorvinphos	120	Azinphos-methyl
				121	Mirex
				122	Tralkoxydim
				123	lambda-Cyhalothrin
				124	Fenarimol
				125	Azinphos-ethyl
				126	Permethrin
				127	Permethrin
				128	Cypermethrin
				129	Cypermethrin
				130	Fenvalerate
				131	Fenvalerate

