

Screening of Pesticide by GC/MS on ZB-MR2

Column: Zebron™ ZB-MultiResidue™-2, GC Cap. Column 30 m x 0.25 mm x 0.20 μm, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.25 mm x 0.2 μm

Order No: 7HG-G017-10

Oven Profile: 80 °C for 0.5 min to 150 °C at 10 °C/min to 240 °C at 4 °C/min to 320 °C at 15 °C/min for 3 min

Carrier Gas: Constant Flow Helium, 0.9 mL/min

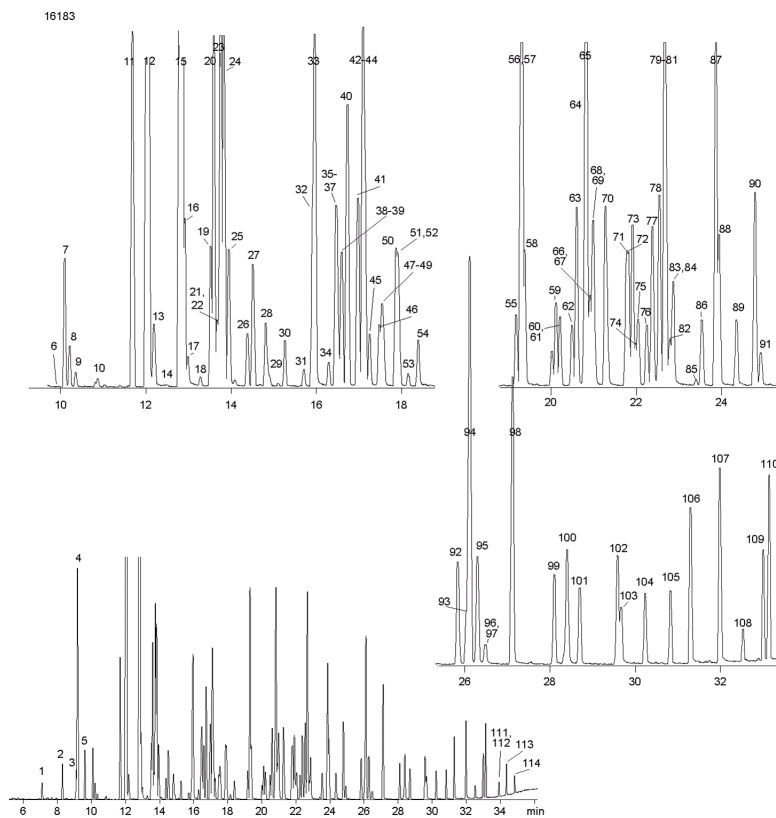
Injection: Splitless :1 1 μL @ 260°C

Detection: Mass Selective (MSD) (320°C)

Analyst Note: Analytes were 1 ppm in Dichloromethane.



Products used in this application:



Screening of Pesticide by GC/MS on ZB-MR2

ANALYTES:

1	Dichlorvos (DDVP)	41	Propazine	81	MGK-264 (isomer)
2	EPTC (Eptam)	42	Diazinon	82	Parathion (Ethyl parathion)
3	Butylate	43	Pronamide (Propyzamide)	83	Merphos
4	3,5-Dichlorobenzoic acid (methyl ester)	44	Atrazine	84	Bromacil
5	Vernolate	45	Simazine	85	Clofenvinfos (isomer)
6	Pebulate (Tillam)	46	Terbutylazine (Terbutylazine)	86	MGK-624
7	Mevinphos	47	Dioxathion	87	Pendimethalin (Penoxaline)
8	4-Nitrophenol (methyl ester)	48	Fonofos	88	Diphenamide
9	Mevinphos	49	Dimethoate	89	Clofenvinfos
10	Trichlorfon	50	2,4,5-T Methyl ester	90	Butachlor
11	Dicamba methyl ester (Disugran)	51	Disulfoton	91	Crotoxyphos
12	MCPP (methyl ester)	52	Chloramben methyl ester	92	Tetrachlorvinphos (Tetrachlorovinphos)
13	Molinate	53	Phosphamidon (isomer)	93	Tokuthion
14	Tebuthiuron	54	Secbumetone	94	Oxadiazon
15	MCPA (methyl ester)	55	Dichlofenthion	95	Merphos oxide (Tribufos)
16	DEET (N,N-Diethyl-m-toluamide)	56	2,4-DB methyl ester	96	Napropamide
17	Tetraethyl pyrophosphate (methyl ester)	57	Terbacil	97	Fenamiphos
18	Demeton	58	Dinoseb methyl ester	98	Oxyfluorfen
19	Dichlorprop methyl ester	59	Alachlor	99	Acifluorfen
20	Trifluralin	60	Chlorpyrifos methyl	100	Carboxin
21	Thionazin (Zinophos)	61	Phosphamidon	101	Ethion
22	Cycloate	62	Ronnel	102	Tricyclazole
23	Benefin	63	Prometryn	103	Fensulfothion
24	Propachlor	64	Ametryn	104	Carbofenthion
25	Ethoprop (Ethoprophos)	65	Bentazon (methyl ester)	105	Famphur (Famophos)
26	Chlorpropham	66	Aspon	106	Norflurazon
27	2,4-D methyl ester	67	Simetryn	107	Hexazinone
28	Sulfotep	68	Metribuzin	108	EPN
29	Naled (Dibrom)	69	Methyl parathion	109	Phosmet
30	Phorate	70	Terbutryn	110	Leptophos
31	Dicrotophos	71	Metolachlor	111	Azinphos methyl
32	Pentachlorophenol (methyl ester)	72	Malathion	112	Fenarimol
33	Profluralin	73	Dacthal (DCPA)	113	Azinphos ethyl
34	Demeton (isomer)	74	Fenitrothion	114	Coumaphos
35	Prometon	75	Chlorpyrifos		
36	Atraton	76	Trichloronate		
37	Monocrotophos	77	Triadimetton		
38	Atraton (isomer, aka: Gesatamin)	78	Picloram methyl ester		
39	Silvex methyl ester (Fenoprop-methyl)	79	Isopropalin		
40	Terbufos (Terbuphos)	80	Fenthion		

