

Screening of Pesticide by GC/MS on ZB-MR2

Column: Zebtron[™] ZB-MultiResidue[™]-2, GC Cap. Column 30 m x 0.25 mm x 0.20 μ m, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.25 mm x 0.2 μ m

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

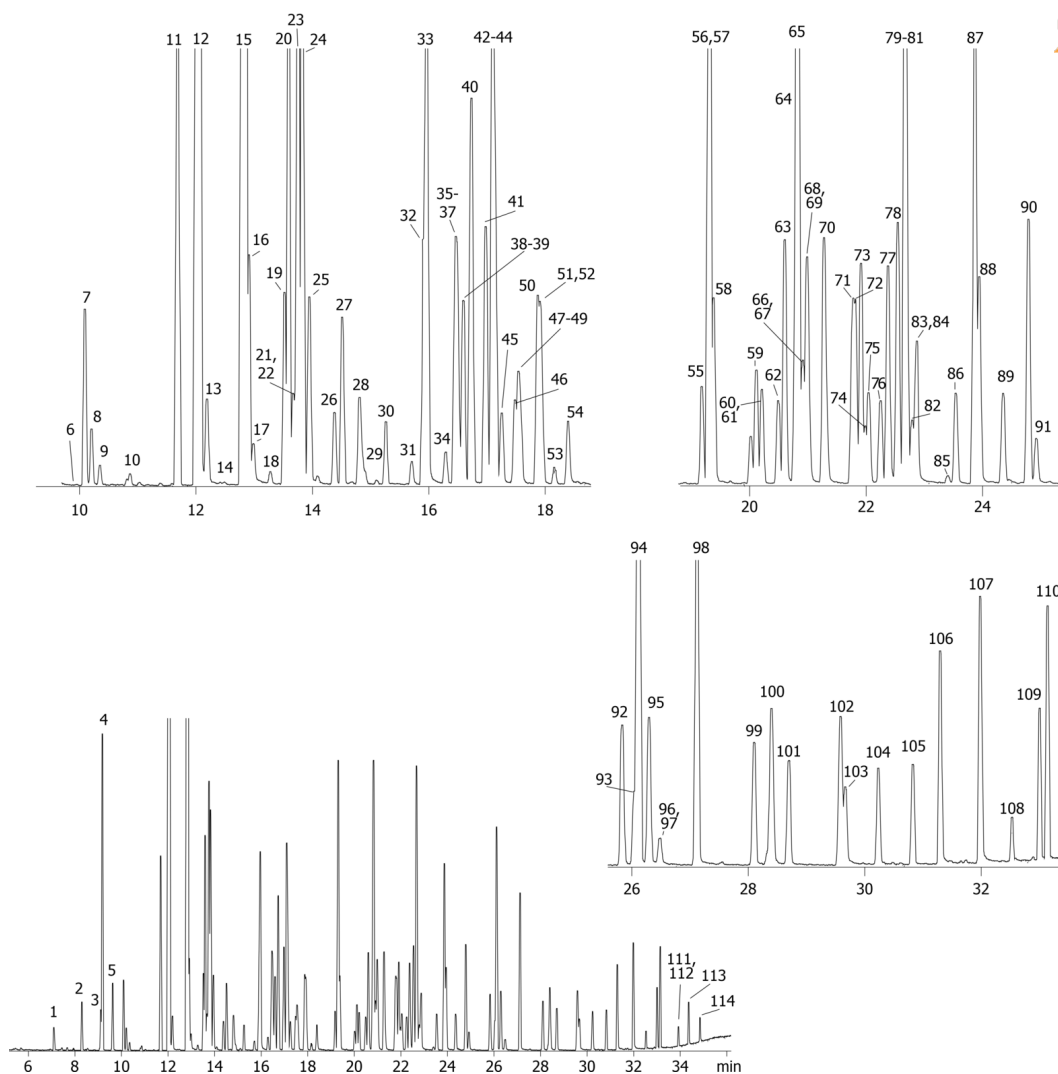
Injection: Splitless :1 1 μ L @ 260°C

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

Analyst Note: Analytes were 1 ppm in Dichloromethane.



Products used in this application:



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1 Dichlorvos	41 Propazine	81 MGK-264
2 EPTC	42 Diazinon	82 Parathion
3 Butylate	43 Pronamide	83 Merphos
4 3,5-Dichlorobenzoic acid (methyl ester)	44 Atrazine	84 Bromacil
5 Vernolate	45 Simazine	85 Clofenvinfos
6 Pebulate	46 Terbutylazine	86 MGK-624
7 Mevinphos	47 Dioxathion	87 Pendimethalin
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	51 Disulfoton	91 Crotoxypfos
12 MCPP (methyl ester)	52 Chloramben methyl ester	92 Tetrachlorvinphos
13 Molinate	53 Phosphamidon	93 Tokuthion
14 Tebuthiuron	54 Secbumetone	94 Oxadiazon
15 MCPA (methyl ester)	55 Dichlofenthion	95 Merphos oxide
16 DEET	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	61 Phosphamidon	101 Ethion
22 Cycloate	62 Ronnel	102 Tricyclazole
23 Benefin	63 Prometryn	103 Fensulfothion
24 Propachlor	64 Ametryn	104 Carbofenothion
25 Ethoprop	65 Bentazon (methyl ester)	105 Famphur
26 Chlorpropham	66 Aspon	106 Norflurazon
27 2,4-D methyl ester	67 Simetryn	107 Hexazinone
28 Sulfotep	68 Metribuzin	108 EPN
29 Naled	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	113 Azinphos ethyl
34 Demeton	74 Fenitrothion	114 Coumaphos
35 Prometon	75 Chlorpyrifos	
36 Atraton	76 Trichloronate	
37 Monocrotophos	77 Triadimetton	
38 Atraton	78 Picloram methyl ester	
39 Silvex methyl ester	79 Isopropalin	
40 Terbufos	80 Fenthion	

