

Screening of Pesticides by GC-MS on ZB-MultiResidue-1

Column: Zebtron[™] ZB-MultiResidue[™]-1, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.25 mm x 0.25 μm

Order No: 7HG-G016-11

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

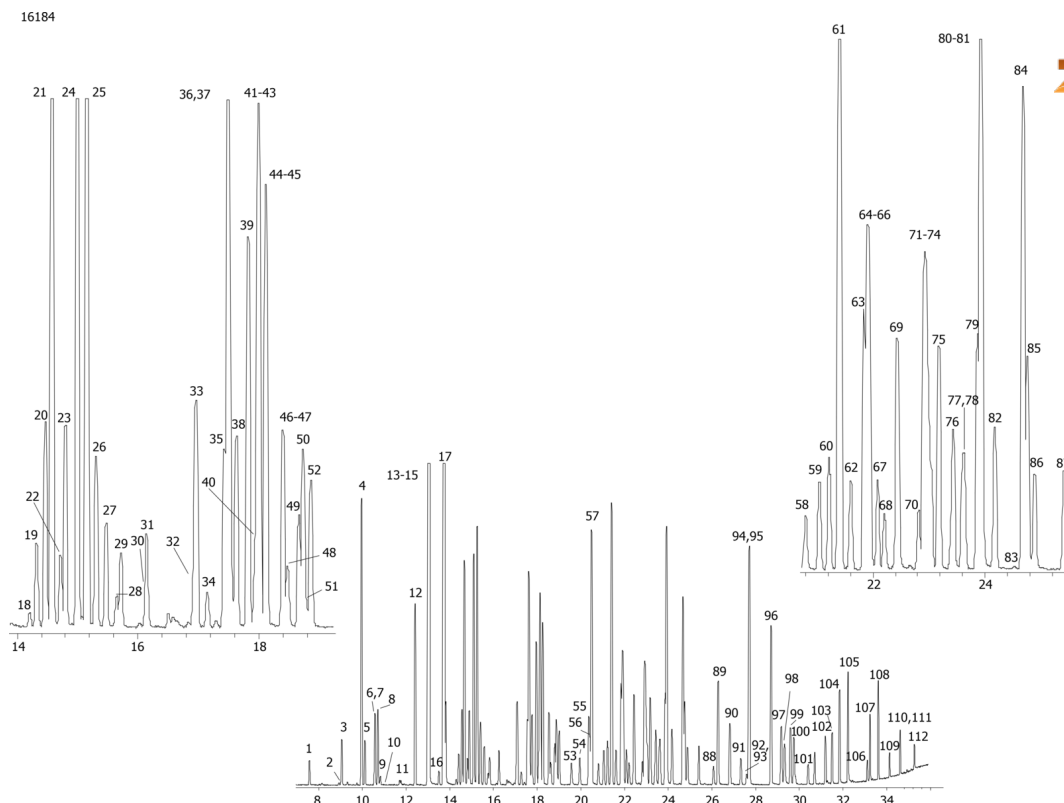
Injection: Splitless :1 1 μL @ 260°C

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

Analyst Note: Analytes were 1 ppm in Dichloromethane.



Products used in this application:



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

