

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 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)

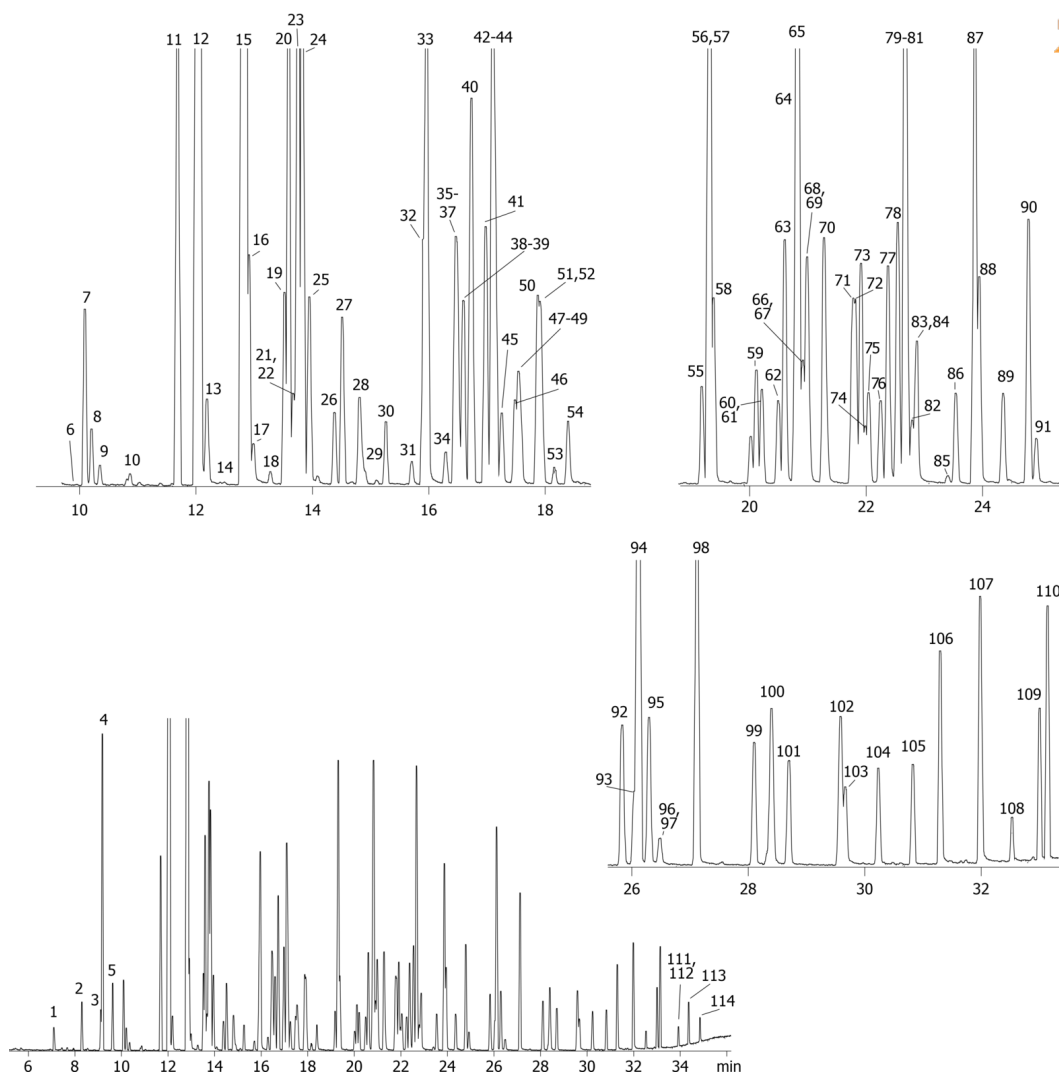
Analyst Note: Analytes were 1 ppm in Dichloromethane.



Products used in this application:



16183



Screening of Pesticide by GC/MS on ZB-MR2**ANALYTES:**

| | | |
|---|-----------------------------------|-----------------------------|
| 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 Crotoxyphos |
| 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 Carbofenthion |
| 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 | |

