GC Application

ID No.: **16184**

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

Column: Zebron™ 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

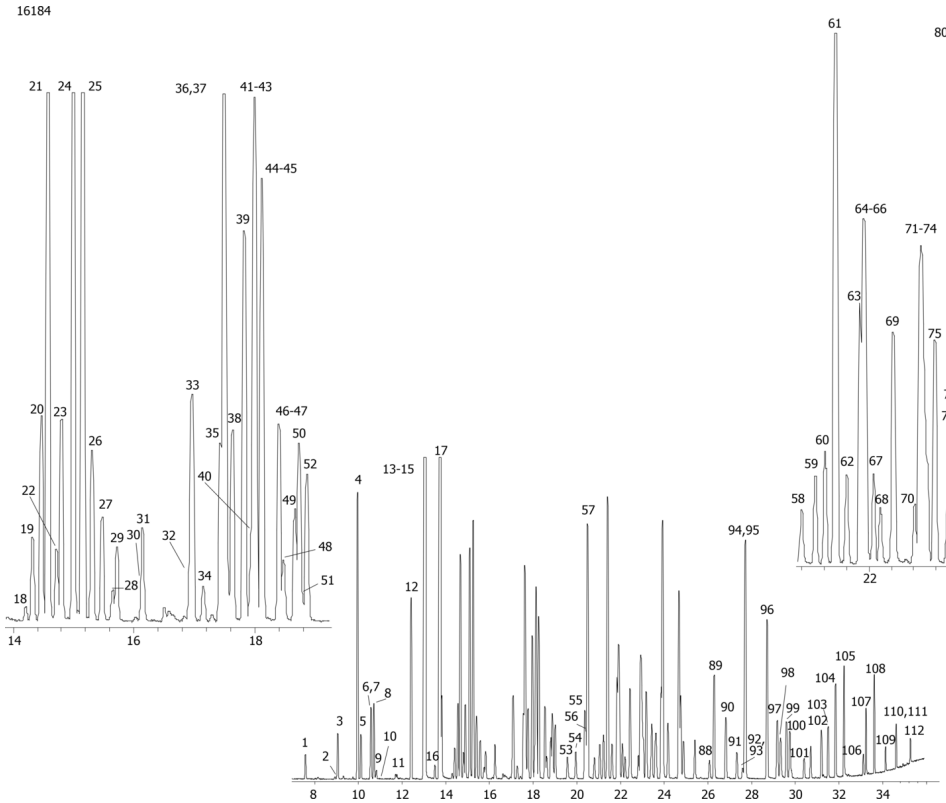
Carrier Gas: Constant Flow Helium, 0.9 mL/min

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:



For more information contact your Phenomenex Representative at info@phenomenex.com

Phenomenex products are available worldwide.

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

ANALYTES:

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