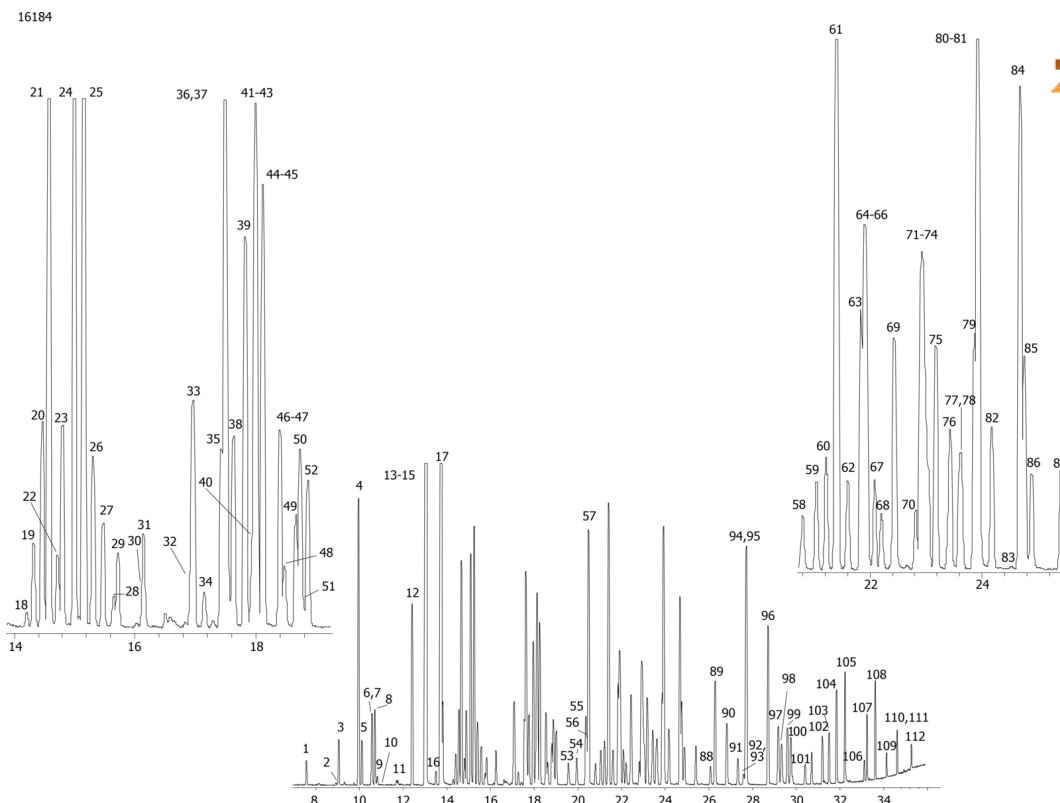


## Screening of Pesticides by GC-MS on ZB-MultiResidue-1

**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:



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

## ANALYTES:

|    |                                         |    |                         |     |                   |
|----|-----------------------------------------|----|-------------------------|-----|-------------------|
| 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  | Crotoxypfos       |
| 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 | Carbofenothion    |
| 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 | Isopropanol             |     |                   |

