

Nitrogen and Phosphorus Pesticides using MSD on ZB-5MSi

Column: Zebtron™ ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea
Phase: 5% Phenyl 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 μm
Order No: 7HG-G018-11
Oven Profile: 100 °C to 190 °C @ 20 °C/min for 5 min to 230 °C at 5 °C/min to 360 °C @ 20 °C/min.

Carrier Gas: Constant Flow Helium, 0.8 mL/min

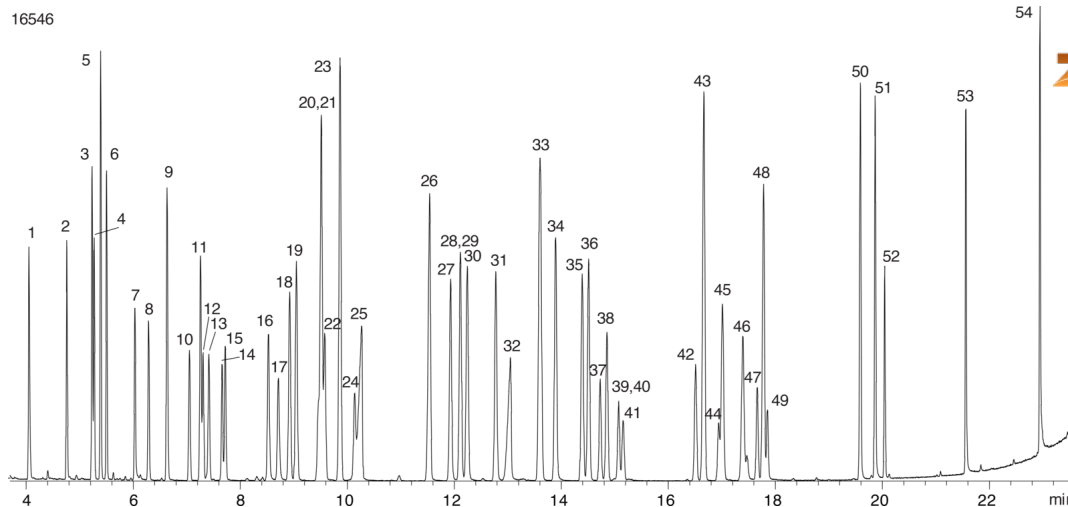
Injection: Split 5:1 1 μL @ 250°C

Detection: Mass Selective (MSD) (180°C)

Analyst Note: Analytes are 25ppm in acetone



Products used in this application:



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ANALYTES:

- | | |
|-------------------------|-------------------------------|
| 1 Dichlorvos | 41 Merphos |
| 2 EPTC | 42 Tetrachlorvinphos |
| 3 Mevinphos | 43 Butachlor |
| 4 Butylate | 44 Fenamiphos |
| 5 Vernolate | 45 Napropamide |
| 6 Pebulate | 46 Tricyclazole |
| 7 Tebuthiuron | 47 Oxadiazon |
| 8 Molinate | 48 Carboxin |
| 9 DEET | 49 Oxyfluorfen |
| 10 Propachlor | 50 Norflurazon |
| 11 Ethoprop | 51 Hexazinone |
| 12 Cycloate | 52 Triphenyl phosphate |
| 13 Chloropham | 53 Fenarimol |
| 14 Trifluralin | 54 Fluridone |
| 15 Benfluralin | |
| 16 Atraton | |
| 17 Prometon | |
| 18 Atrazine | |
| 19 Propazine | |
| 20 Terbufos | |
| 21 Profluralin | |
| 22 Pronamide | |
| 23 Diazinon | |
| 24 Disulfoton | |
| 25 Terbacil | |
| 26 Metribuzin | |
| 27 Simetryn | |
| 28 Ametryn | |
| 29 Alachlor | |
| 30 Prometryn | |
| 31 Terbutryn | |
| 32 Bromacil | |
| 33 Metolachlor | |
| 34 Triadimefon | |
| 35 MGK-264 | |
| 36 Diphenamide | |
| 37 Isopropalin | |
| 38 MGK-264 | |
| 39 Penoxaline | |
| 40 Pendimethalin | |

