

GC Application

ID No.: 18182

European Multipesticide Analysis by MS on ZB-5

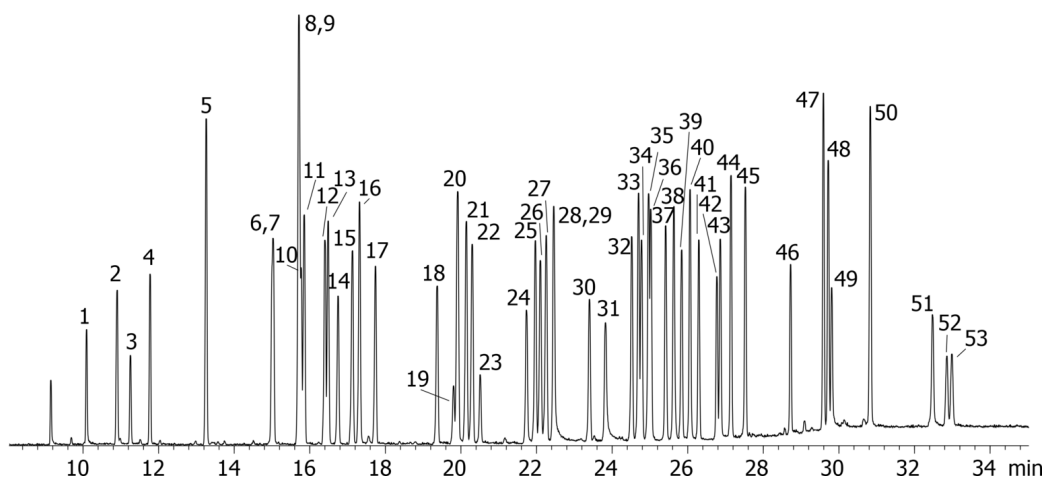
Column: Zebron™ ZB-5, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 µm
Order No: 7HG-G002-11
Oven Profile: 80 °C for 5 min to 160 °C @ 20 °C/min to 235 °C @ 5 °C/min to 280 °C @ 8 °C/min for 15 min
Carrier Gas: Constant Flow Helium, 1 mL/min
Injection: Splitless :1 2 µL @ 240°C
Detection: Mass Selective (MSD) (280°C)
Analyst Note: Analytes are 1ppm. Pulsed Splitless injection @ 300kPA for 1.0 min.
Application courtesy of Frau Dr. F Klose at IVPT GmbH



Products used in this application:



18182



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ANALYTES:

| | | | |
|----|-------------------|----|------------------|
| 1 | Dichlobenil | 41 | Mefenpyr-diethyl |
| 2 | Mevinphos | 42 | EPN |
| 3 | Nitrapyrin | 43 | Picolinafen |
| 4 | Methacrifos | 44 | Fenamidone |
| 5 | Propachlor | 45 | Tetradifon |
| 6 | Dicloran | 46 | Pyrazophos |
| 7 | Penntachloranisol | 47 | Pyridaben |
| 8 | Propetamphos | 48 | Fluquinconazole |
| 9 | Cyanophos | 49 | Prochloraz |
| 10 | Profluralin | 50 | Halfenprox |
| 11 | Fonofos | 51 | Flumioxazin |
| 12 | Tefluthrin | 52 | tau-Fluvalinate |
| 13 | Isazofos | 53 | tau-Fluvalinate |
| 14 | Iprobenfos | | |
| 15 | Pentachloranilin | | |
| 16 | Dichlofenthion | | |
| 17 | Transfluthrin | | |
| 18 | Flufenacet | | |
| 19 | Fosthiazate | | |
| 20 | Fosthiazate | | |
| 21 | Isofenphos-methyl | | |
| 22 | Metazachlor | | |
| 23 | Chlozolate | | |
| 24 | Climbazol | | |
| 25 | Chlorfenson | | |
| 26 | Hexaconazole | | |
| 27 | Prothiophos | | |
| 28 | Fludioxonil | | |
| 29 | Uniconazole | | |
| 30 | Chlorfenapyr | | |
| 31 | Diniconazole | | |
| 32 | Sulprofos | | |
| 33 | Isxadifen-ethyl | | |
| 34 | Famphur | | |
| 35 | Cyanofenphos | | |
| 36 | Quinoxifen | | |
| 37 | Fluopicolide | | |
| 38 | Nuarimol | | |
| 39 | Diflufenican | | |
| 40 | Fluotrimazol | | |

