

# GC Application

ID No.: 18182

## European Multipesticide Analysis by MS on ZB-5

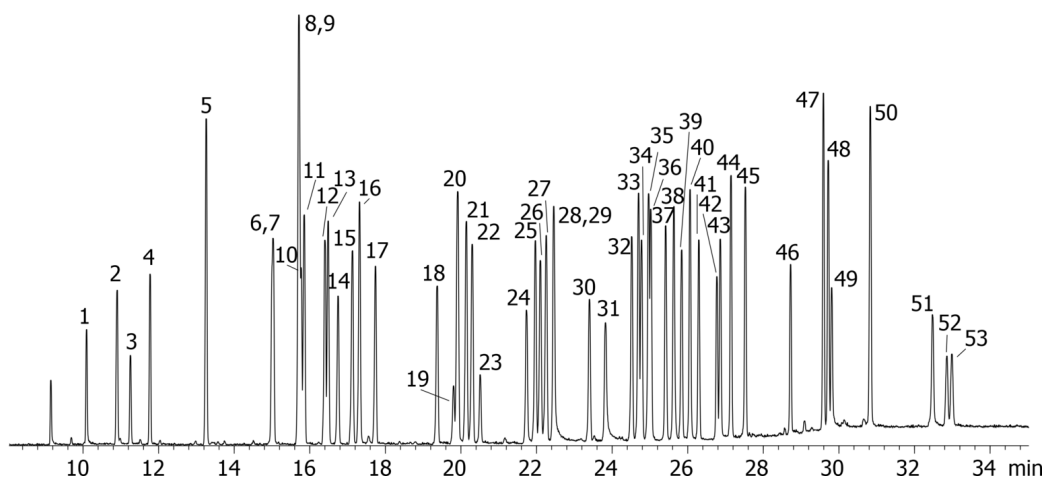
**Column:** Zebron™ ZB-5, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea  
**Phase:** 5% Phenyl 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G002-11  
**Oven Profile:** 80 °C for 5 min to 160 °C @ 20 °C/min to 235 °C @ 5 °C/min to 280 °C @ 8 °C/min for 15 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



## European Multipesticide Analysis by MS on ZB-5

### 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		

