

GC Application

ID No.: 18182

European Multipesticide Analysis by MS on ZB-5

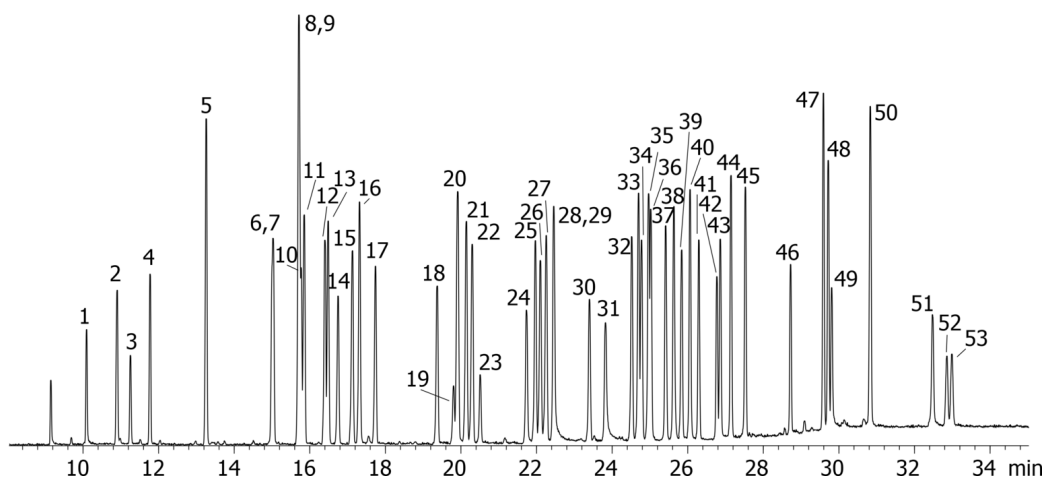
Column: Zebron™ ZB-5, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 µm
Order No: 7HG-G002-11
Oven Profile: 80 °C for 5 min to 160 °C @ 20 °C/min to 235 °C @ 5 °C/min to 280 °C @ 8 °C/min for 15 min
Carrier Gas: Constant Flow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



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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		

