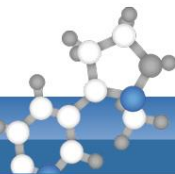


Methodenname	LC-MS/MS-ESI(+)-4							
Instrument	LC-MS/MS							
Chromatographic Method	LC							
Extraction method	QuEChERS							
Clean-up	PSA							
Use of AP	no							
Internal standard	Chlorpyriphos D ₁₀							
Instrument parameters								
Ionisation mode	ESI(+)							
Column	Acquity UPLC BEH C18 1.7µm 2.1 x 100 mm Column							
Pre-column	Van Guard BEH C18 1.µm							
Column temperature (°C)	40							
Eluent A1	5 mmol NH ₄ -formiate in Water + 5 % MeOH							
Eluent B1	5 mmol NH ₄ -formiate in MeOH							
Gradient	%A	Flow [mL/min]		Time [min]				
	60	0.4		0				
	10	0.4		10				
	10	0.4		13				
	60	0.4		13.1				
	60	0.4		19				
Injection volume (µL)	2							
Dilution	no							
Aquired mass transitions	Target		Qualifier 1		Qualifier 2		Qualifier 3	
	Q1 (m/z)	Q3 (m/z)	Q1 (m/z)	Q3 (m/z)	Q1 (m/z)	Q3 (m/z)	Q1 (m/z)	Q3 (m/z)
Avermectin B1a	891	305	891	567				
Avermectin Z-Isomer B1a	891	305	891	567				
Azaconazole	300	159	300	231	302	161		
Azadirachtin	738	703	738	585	738	685		
Bromuconazol	378	159	376	159	378	161		
Cyproconazole	292	70	292	125	294	127		
DEET	192	119	192	65	192	91		
Diclobutrazol	328	70	328	159	330	70		
Dicofol: 4,4'-Dichlorobenzophenone	251	139	251	111	253	113		
Diniconazol	326	70	326	159	328	70		
Emamectin B1a	886	158	886	82				
Emamectin B1b	873	158	873	82				
Epoxiconazole	330	121	330	101	332	121		
Etaconazole	328	159	328	89	330	161		
Ethiprole	397	351	397	255	399	353		
Fenamiphos	304	217	304	202	304	234		
Fenamiphos-sulfone	336	266	336	108	336	188		
Fenamiphos-sulfoxide	320	233	320	108	320	171		
Fenbuconazole	337	125	337	70	339	127		



Fenpiclonil	237	202	237	140	239	140		
Fluquinconazole	376	307	378	309	378	351		
Flusilazole	316	247	316	165	316	83		
Flutriafol	302	70	302	123	302	95		
Fuberidazole	185	157	185	156	185	65		
Hexaconazole	314	70	314	159	316	70		
Imibenconazole	411	125	411	89	413	125		
Ivermectin B1a	893	307	893	569				
Ivermectin B1b	879	293	879	555				
Lenacil	235	153	235	136	235	82		
Mandipropamid	412	328	412	125	414	330		
Metalaxyl: CGA107955	252	148	252	121	252	206		
Metalaxyl: CGA108905	310	160	310	250	310	278		
Metalaxyl: CGA67869	266	148	266	206	266	234		
Metalaxyl: CGA94689	296	146	296	105	296	278		
Metconazole	320	70	320	125	322	70		
Milbemectin A3	546	511	546	153	546	493		
Milbemectin A4	560	525	560	161	560	507		
Milbemectin A4 8,9Z	560	525	525	167	525	55	560	167
Myclobutanil	289	70	289	125	291	70		
Paclobutrazole	294	70	294	125	296	70		
Penconazole	284	70	284	159	286	161		
Pirimicarb-desamido	168	71	168	98				
Pirimicarb-desamido-desmethyl	154	98	154	137	154	83		
Probenazole	224	41	224	39				
Propiconazole	342	159	342	123	344	161		
Prothioconazole-desthio	312	70	312	125	314	70		
Rabenzazole	213	172	213	118	213	157		
Spinetoram major	749	142	749	98				
Spinetoram minor	761	142	761	98				
Spinosyn A	732	142	732	98				
Spinosyn D	747	142	747	98				
Tetraconazole	372	159	372	123	374	161		
Tolfenpyrad	384	197	384	154	386	197		
Triadimefon	294	197	294	69	296	199		
Triadimenol	296	70	298	70				
Triforine	437	392	433	388	435	390		
Triticonazole	318	70	318	125	320	70		
Uniconazole	292	70	292	125	294	70		
XMC	180	123	180	108	180	95		
Zoxamide	336	187	336	159	338	189		