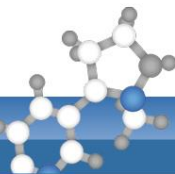
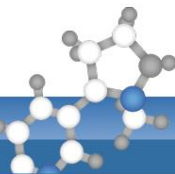


Method name	LC-MS/MS-ESI(+)-5							
Instrument	LC-MS/MS							
Chromatographic method	LC							
Extraction method	QuEChERS							
Clean-up	PSA							
Use of AP	no							
Internal standard	Chlorpyrifos D ₁₀							
Instrument parameters								
Ionisation mode	ESI(+)							
Column	Acquity UPLC BEH C18 1.7µm 2.1 x 100 mm Column							
Pre-column	Van Guard BEH C18 1.7µm							
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]				
	100	0.4		0				
	60	0.4		0.50				
	10	0.4		7.50				
	10	0.4		11.00				
	100	0.4		11.10				
	100	0.4		14.00				
Injection volume (µL)	2							
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)
Acetamiprid	223	126	223	73	225	128		
Acetamiprid: IM-2-1	209	126	209	73	211	128		
Acibenzolar-S-methyl*	211	91	211	136	211	140		
Aminocarb	209	137	209	152	209	122		
Ancymidol	257	81	257	135	257	77		
Anilofos	368	199	368	125	368	171		
Benalaxyl	326	148	326	294	326	91		
Bendiocarb*	224	167	224	109	224	81		
Benfuracarb	411	190	411	102	411	74		
Carbaryl*	202	145	202	127	202	117		
Carbendazim	192	160	192	132	192	105		
Carbofuran*	222	123	222	165				
Carbofuran-3-hydroxy*	238	163	238	181	238	220		
Carbosulfan	381	118	381	160	381	76		
Clothianidin	250	169	252	169	250	132		
Difenoconazol	406	251	406	75	408	253		
Diflubenzuron	311	158	313	158	311	141		
Dinotefuran	203	129	203	157	203	87		
Dioxacarb*	224	167	224	123	224	162		



Diphenylamin	170	93	170	66				
Ethirimol	210	140	210	98	210	182		
Ethoxyquin	218	148	218	160	218	174		
Fenhexamid	302	97	304	97	302	55		
Fenobucarb	208	95	208	152	208	77		
Fenothiocarb	254	72	254	160	254	77		
Fenpropidin	274	147	274	117	274	86		
Fenpropimorph	304	147	304	117	304	91		
Fensulfothion	309	281	309	253	309	173		
Flonicamid	230	203	230	148	230	174		
Flonicamid: TFNA-AM	191	148	191	98	191	79		
Fluazuron*	506	158	508	158	506	141		
Flufenoxuron	489	158	491	158	489	141		
Flutolanil	324	262	324	242	324	282		
Furathiocarb*	383	195	383	252	383	167		
Imazalil	297	159	299	161	297	201		
Imazalil: FK411	257	125	257	136	259	127		
Imidacloprid	256	209	256	175	258	211		
Imidacloprid-olefin	254	236	254	206	254	205		
Isoprocarb	194	95	194	137	194	152		
Landrin	194	137	194	122	194	107		
Linuron	249	160	249	182	251	162		
Malaaxon	315	127	315	269	315	99		
Mepronil	270	119	270	228	270	91		
Methiocarb*	226	169	226	121	226	107		
Methoxyfenozide	369	149	369	313	369	91		
Metolcarb*	166	109	166	91	166	94		
Mevinphos	225	127	225	193	225	67		
Monolinuron	215	126	217	128	215	99		
Nitenpyram	271	126	273	256	271	237		
Ofurace	282	254	284	256	282	160		
Orbencarb	258	125	258	100	260	127		
Phosmet*	318	160	318	77	318	133		
Phosmet-oxon	302	160	319	160	302	133		
Phosphamidon*	300	174	300	127	300	227		
Phoxim*	299	129	299	153	299	77		
Prochloraz	376	308	378	310	378	70		
Profenofos	373	303	376	306	373	345		
Promecarb*	208	151	208	109	208	91		
Prometon	226	142	226	184	226	86		
Propanil	218	162	220	164	218	127		
Propoxur*	210	168	210	111	210	93		
Schradan	287	135	287	242	287	92		
Spinosyn A	733	142	733	98				
Spinosyn D	747	142	747	98				
Spiroxamine	298	144	298	100				
Tebuconazol	308	70	310	70	308	125		



Tebufenozide	353	297	353	133	353	105		
Thiabendazole	202	175	202	131	202	65		
Thiabendazole-5-hydroxy	218	191	218	147	218	81		
Thiacloprid	253	126	253	90	253	99		
Thiamethoxam	292	211	294	211	292	181		
Thiobencarb	258	125	260	127	258	89		
Thiophanate-methyl*	343	93	343	151	343	311		

*in acidic (0.4% acetic acid in acetonitrile) stock and working solution