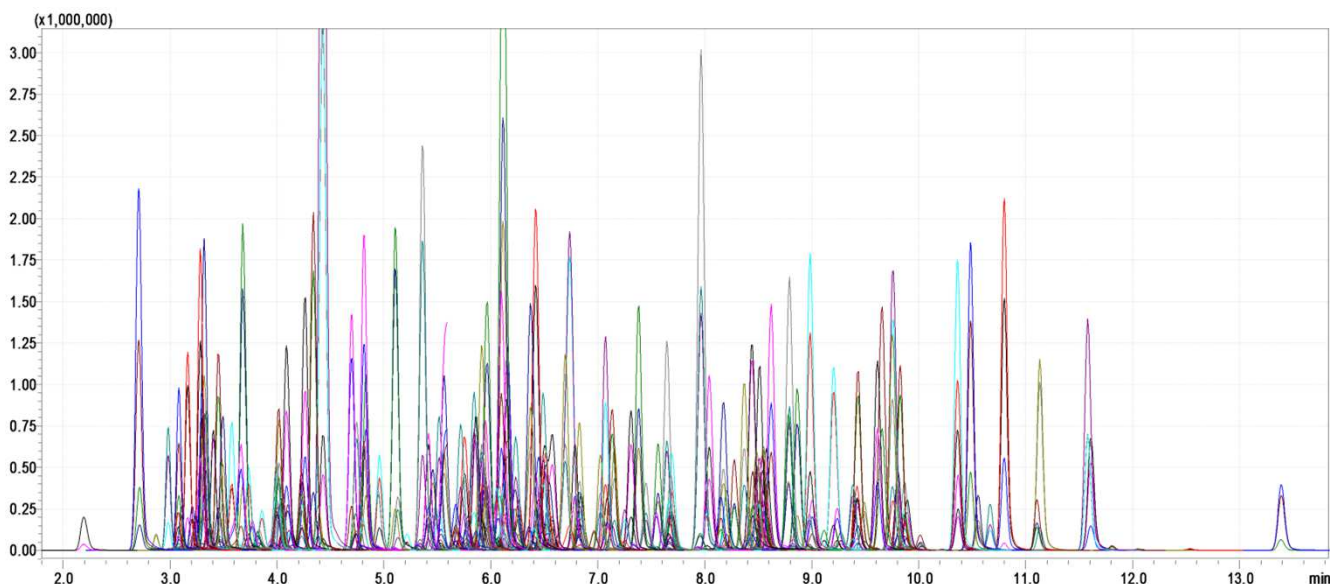


農薬の一斉分析(LC/MS) (1)-B SunShell C18 2.6 μm, 150 x 2.1 mm i.d.

Simultaneous Analysis of Pesticide (LC/MS) (1)-B



Sample:

1	Abamectin B1	37	Cymoxanil	73	Fenoxycarb	109	Isoprazam	145	Paclobutrazole	181	Quinoclamine
2	Acephate	38	Cyproconazole(I)	74	Fenpyroximate	110	Kresoxim-methyl	146	Penconazole	182	Quinalofop-ethyl
3	Acetamiprid	39	Cyproconazole(II)	75	Fentrazamide	111	Linuron	147	Pencycuron	183	Saflufenacil
4	Aldicarb	40	Daimuron	76	Ferimzone(E)	112	Lufenuron	148	Penoxsulam	184	Sethoxydim
5	Amisulbrom	41	Demeton-S-methyl	77	Ferimzone(Z)	113	Malathion	149	Pentoxazole	185	Spinetoram(J)
6	Azimsulfuron	42	Diazinon	78	Fonicamid	114	Mandipropamid	150	Phenthoate	186	Spinetoram(L)
7	Azinphos-methyl	43	Dichlorvos(DDVP)	79	Fluacrypyrim	115	Mefenacet	151	Phosphamidone	187	Spirodiclofen
8	Azoxystrobin	44	Diethofencarb	80	Flubendiamide	116	Mepanipyrim	152	Phoxim	188	Spirotetramat
9	Bendiocarb	45	Diflubenzuron	81	Flucetosulfuron	117	Mepronil	153	Piperophos	189	Sulfoxaflor
10	Bensulfuron-methyl	46	Dimepiperate	82	Fludioxonil	118	Metaxyl	154	Pirimicarb	190	Tebuconazole
11	Benthiavalicarb-Isopropyl	47	Dimethametryn	83	Flufenacet	119	Metamifop	155	Pirimiphos-methyl	191	Tebufenozide
12	Benzobicyclon	48	Dimethenamid	84	Flufenoxuron	120	Metazosulfuron	156	Probenazole	192	Tebufenpyrad
13	Benzoximate	49	Dimethomorph(E)	85	Flupicolide	121	Metconazole	157	Profenofos	193	Teflubenzuron
14	Bitertanol	50	Dimethomorph(Z)	86	Fluquinconazole	122	Methabenzthiazuron	158	Propamocarb	194	Terbutylazine
15	Boscalid	51	Diniconazole	87	Flusilazole	123	Methiocarb	159	Propanil	195	Tetraconazole
16	Bromacil	52	Dinotefuran	88	Flutolanil	124	Methomyl	160	Propaquizafop	196	Thenylchlor
17	Buprofezin	53	Diphenamid	89	Fluxapyroxad	125	Methoxyfenozide	161	Propoxur	197	Thiabendazole
18	Cadusafos	54	Dithiopyr	90	Forchlorfenuron	126	Metobromuron	162	Pyraclifos	198	Thiacloprid
19	Cafenstrole	55	Diuron	91	Fosthiazate	127	Metolcarb	163	Pyraclostrobin	199	Thiamethoxam
20	Carbaryl	56	Edifenphos	92	Furthiocarb	128	Metrafenone	164	Pyrazolate	200	Thiazopyr
21	Carbendazim	57	Esprocarb	93	Gibberellic acid	129	Mevinphos	165	Pyrazophos	201	Thidiazuron
22	Carbolfuran	58	Ethaboxam	94	Halosulfuron-methyl	130	Milbectin A3	166	Pyribenzoxim	202	Thifensulfuron-methyl
23	Carboxin	59	Ethiofencarb	95	Haloxyfop	131	Milbectin A4	167	Pyributicarb	203	Thiobencarb
24	Carfentrazone-ethyl	60	Ethoprophos	96	Hexaconazole	132	Molinate	168	Pyridaben	204	Thiodicarb
25	Carpropamide	61	Ethoxysulfuron	97	Hexaflumuron	133	Monocrotophos	169	Pyridaphenthion	205	Tiadinil
26	Chlorpyrifos	62	Etofenprox	98	Hexazinone	134	Myclobutanil	170	Pyrifluquinazon	206	Triadimefon
27	Chlorisulfuron	63	Etoazole	99	Hexythiazox	135	Napropamide	171	Pyriftalid	207	Triazophos
28	Chromafenozide	64	Etrimefop	100	Imazalil	136	Nicosulfuron	172	Pyrimethanil	208	Tricyclazole
29	Clethodim	65	Famoxadone	101	Imazosulfuron	137	Novaluron	173	Pyrimidifen	209	Trifloxystrobin
30	Clofentazine	66	Fenamiphos	102	Imicyafos	138	Nuarimol	174	Pyriminobac-methyl(E)	210	Triflumizole
31	Clomazone	67	Fenarimol	103	Imidacloprid	139	Ofurace	175	Pyriminobac-methyl(Z)	211	Triflurumuron
32	Clothianidin	68	Fenazaquin	104	Inabentife	140	Omethoate	176	Pyrimisulfan	212	Uniconazole
33	Cyazofamid	69	Fenbuconazole	105	Iprobenfos	141	Oxadiazon	177	Pyriproxyfen	213	Vamidothion
34	Cyclosulfamuron	70	Fenhexamid	106	Iprovalicarb	142	Oxadixyl	178	Pyroquilon		
35	Cylufenamid	71	Fenobucarb	107	Isoprocarb	143	Oxamyl	179	Quinalphos		
36	Cyhalofop-butyl	72	Fenoxaprop-ethyl	108	Isoprotiolane	144	Oxaziclonefon	180	Quinmerac		

Column: SunShell C18 2.6 μm, 150 x 2.1 mm

Mobile phase: A) 5 mM Ammonium acetate and 0.1% formic acid in H₂O

B) 5 mM Ammonium acetate and 0.1 % formic acid in CH₃OH

Time (min)	0	1	1.5	10	12	12.1	16	16.1	19
% B	15	15	60	60	90	98	98	15	15

Flow rate: 0.3 mL/min

Temperature: 40 °C

Detection: LC/MS/MS (ESI, MRM), Shimadzu LCMS-8050

Injection volume: 3 μL (10ppb pesticide STD)