

表 4-1 (つづき)

No.	分析対象化合物	ピーク面積比						備考
		1日	2日	3日	4日	5日	平均	
101	Penconazole	0.94	0.85	0.88	0.94	0.93	0.91	
102	Pencycuron	0.93	1.01	0.95	0.95	0.95	0.96	
103	Pentoxazone	-	-	-	-	-	-	低感度
104	Phenmedipham	1.02	0.97	0.93	0.99	0.96	0.97	
105	Phenthoate	0.90	0.87	0.91	1.09	0.87	0.93	
106	Phosalone	0.90	0.91	0.85	0.85	0.89	0.88	
107	Phosphamidon	0.97	1.05	1.04	1.00	0.97	1.00	
108	Piperonyl butoxide	0.86	0.87	0.85	0.97	0.94	0.90	
109	Pirimicarb	0.99	1.06	1.01	1.00	1.05	1.02	
110	Pirimiphos methyl	0.98	0.98	1.01	0.97	1.00	0.99	
111	Prochloraz	0.83	0.91	0.89	0.84	0.85	0.86	
112	Profenofos	0.96	0.89	0.92	0.89	0.94	0.92	
113	Prometryn	0.99	1.00	0.98	0.96	1.01	0.99	
114	Propachlor	0.97	1.07	0.99	0.99	1.09	1.02	
115	Propanil	0.99	0.84	0.93	0.93	0.91	0.92	
116	Propaquizafop	0.92	0.87	0.92	0.93	0.92	0.91	
117	Propargite	0.81	0.74	0.83	0.85	0.80	0.81	
118	Propiconazole	0.91	0.87	0.90	0.89	0.91	0.90	
119	Propyzamide	0.93	0.95	0.93	0.96	0.92	0.94	
120	Pyraclofos	0.99	0.96	0.94	0.94	0.95	0.95	
121	Pyraclostrobin	0.93	1.02	0.98	0.90	1.00	0.97	
122	Pyrazophos	1.00	0.93	0.99	0.91	0.98	0.96	
123	Pyrifthalid	0.99	1.01	0.98	0.97	1.00	0.99	
124	Pyrimethanil	0.94	1.02	1.05	1.01	1.07	1.02	
125	Pyriproxyfen	0.87	0.88	0.86	0.87	0.94	0.88	
126	Quinalphos	0.85	0.94	1.00	0.91	0.92	0.93	
127	Quinoxifen	0.81	0.81	0.84	0.84	0.87	0.83	
128	Quizalofop ethyl	-	-	-	-	-	-	低感度
129	Simazine	0.93	1.01	0.99	0.99	0.98	0.98	
130	Simeconazole	0.85	0.91	0.85	0.84	0.88	0.87	
131	Spinosyn A	0.77	0.83	0.67	0.64	0.68	0.72	
132	Spinosyn D	0.87	0.91	0.87	0.93	0.92	0.90	
133	Spiroxamine	1.01	1.03	1.15	0.67	0.99	0.97	
134	Tebuconazole	0.88	0.84	0.88	0.88	0.91	0.88	
135	Tebufenpyrad	0.91	0.85	0.87	0.90	0.88	0.88	
136	Tebuthiuron	0.96	1.04	0.98	0.97	1.02	0.99	
137	Teflubenzuron	0.89	0.62	0.67	0.74	0.95	0.77	
138	Terbutryn	0.98	1.00	0.99	0.97	1.00	0.99	
139	Tetrachlorvinphos	0.95	0.93	0.90	0.91	0.94	0.92	
140	Tetraconazole	0.85	0.86	0.84	0.84	0.90	0.86	
141	Thiacloprid	0.93	1.02	1.00	0.95	0.98	0.98	
142	Tolfenpyrad	0.92	0.79	0.83	0.89	0.92	0.87	
143	Triadimefon	0.92	0.89	0.95	0.92	0.93	0.92	
144	Triadimenol	1.01	0.85	0.92	0.82	0.75	0.87	
145	Triazophos	0.84	0.90	1.06	0.73	0.98	0.90	
146	Tricyclazole	-	-	-	-	-	-	試料中に残留
147	Tridemorph	1.03	1.06	1.17	1.02	0.95	1.05	
148	Trifloxystrobin	0.95	0.96	0.94	0.96	0.97	0.96	
149	Triflumizole	0.85	0.87	0.79	0.88	0.84	0.85	
150	Triflumuron	0.86	0.68	0.82	0.80	0.85	0.80	
151	Triticonazole	0.82	0.95	0.84	0.89	0.88	0.88	

表 4-2 マトリックスの測定への影響(大豆)

No.	分析対象化合物	ピーク面積比						備考
		1日	2日	3日	4日	5日	平均	
1	Acetamiprid	0.85	0.77	1.02	1.02	0.76	0.88	
2	Acetochlor	1.05	0.87	1.00	0.90	0.86	0.94	
3	Acibenzolar-S-methyl	1.04	1.09	0.99	0.98	0.98	1.01	
4	Acrinathrin	0.93	0.57	0.69	0.69	0.73	0.72	
5	Ametryn	1.00	0.95	1.00	0.97	1.00	0.99	
6	Anilofos	0.98	0.96	0.95	0.99	0.93	0.96	
7	Aramite	1.02	0.94	0.86	0.89	0.82	0.91	
8	Atrazine	0.95	0.95	1.01	0.98	0.96	0.97	
9	Azoxystrobin	1.00	0.99	1.00	0.99	0.94	0.98	
10	Benalaxyl	1.02	0.93	1.00	1.00	0.93	0.98	
11	Bendiocarb	0.84	0.82	1.12	1.18	1.08	1.01	
12	Benzofenap	0.95	0.88	1.05	0.97	0.97	0.97	
13	Bitertanol	0.83	1.03	1.07	0.85	0.84	0.93	
14	Boscalid	0.99	0.98	1.00	0.94	0.96	0.97	
15	Bromacil	0.97	0.87	1.01	0.87	0.96	0.94	
16	Buprofezin	1.01	0.92	0.93	0.94	0.91	0.94	
17	Butafenacil	0.98	0.95	0.99	0.98	0.95	0.97	
18	Cadusafos	1.02	0.87	0.91	0.90	0.88	0.92	
19	Carbaryl	1.00	0.89	1.01	0.98	0.97	0.97	
20	Carpropamid	0.96	0.95	1.00	0.91	0.88	0.94	
21	Chlorfenvinphos (E, Z)	0.99	0.90	0.97	0.98	0.96	0.96	
22	Chloridazon	0.96	0.94	0.95	0.99	0.94	0.95	
23	Chloroxuron	1.00	0.93	1.01	1.01	0.93	0.97	
24	Chlorpyrifos	0.92	0.98	0.93	0.89	0.93	0.93	
25	Chlorpyrifos methyl	0.98	0.85	0.86	1.21	0.86	0.95	
26	Chromafenozide	1.05	0.87	0.85	0.91	0.81	0.90	
27	Clomeprop	0.97	0.91	0.89	0.89	0.86	0.91	
28	Cloquintocet mexyl	1.02	0.93	0.95	0.96	0.97	0.96	
29	Clothianidin	0.93	0.80	0.89	0.90	0.86	0.88	
30	Cumyluron	0.93	0.96	0.98	0.95	0.93	0.95	
31	Cyanazine	0.95	0.95	0.97	0.96	0.96	0.96	
32	Cyazofamid	1.00	0.93	0.92	0.98	0.91	0.95	
33	Cycloprothrin	0.74	0.72	0.76	0.87	0.99	0.81	
34	Cyflufenamid	0.96	0.88	0.97	0.88	0.88	0.91	
35	Cyproconazole	0.96	0.89	0.95	0.92	0.93	0.93	
36	Cyprodinil	0.98	0.99	0.98	0.98	0.96	0.98	
37	Daimuron	1.08	0.99	1.05	1.03	1.10	1.05	
38	Deltamethrin	0.79	0.91	0.51	0.51	0.79	0.70	
39	Diazinon	1.00	0.93	0.97	0.98	0.96	0.97	
40	Difenoconazole	0.95	0.82	0.87	0.82	0.85	0.86	
41	Diflubenzuron	0.92	0.90	0.93	0.89	0.83	0.89	
42	Diflufenican	0.92	0.93	0.90	0.92	0.91	0.92	
43	Dimethirimol	0.99	0.96	1.01	0.99	0.99	0.99	
44	Dimethoate	0.94	0.92	0.93	0.95	0.95	0.94	
45	Dimethomorph (E, Z)	1.00	0.92	1.01	0.97	0.94	0.97	
46	Diuron	0.97	0.93	0.99	0.97	0.94	0.96	
47	Edifenphos	1.02	0.95	0.94	0.96	0.92	0.96	
48	Epoxiconazole	0.88	1.01	0.86	0.93	0.87	0.91	
49	Ethion	0.99	0.88	0.94	0.89	0.94	0.93	
50	Ethiprole	0.98	0.90	0.95	0.98	0.92	0.95	

表 4-2 (つづき)

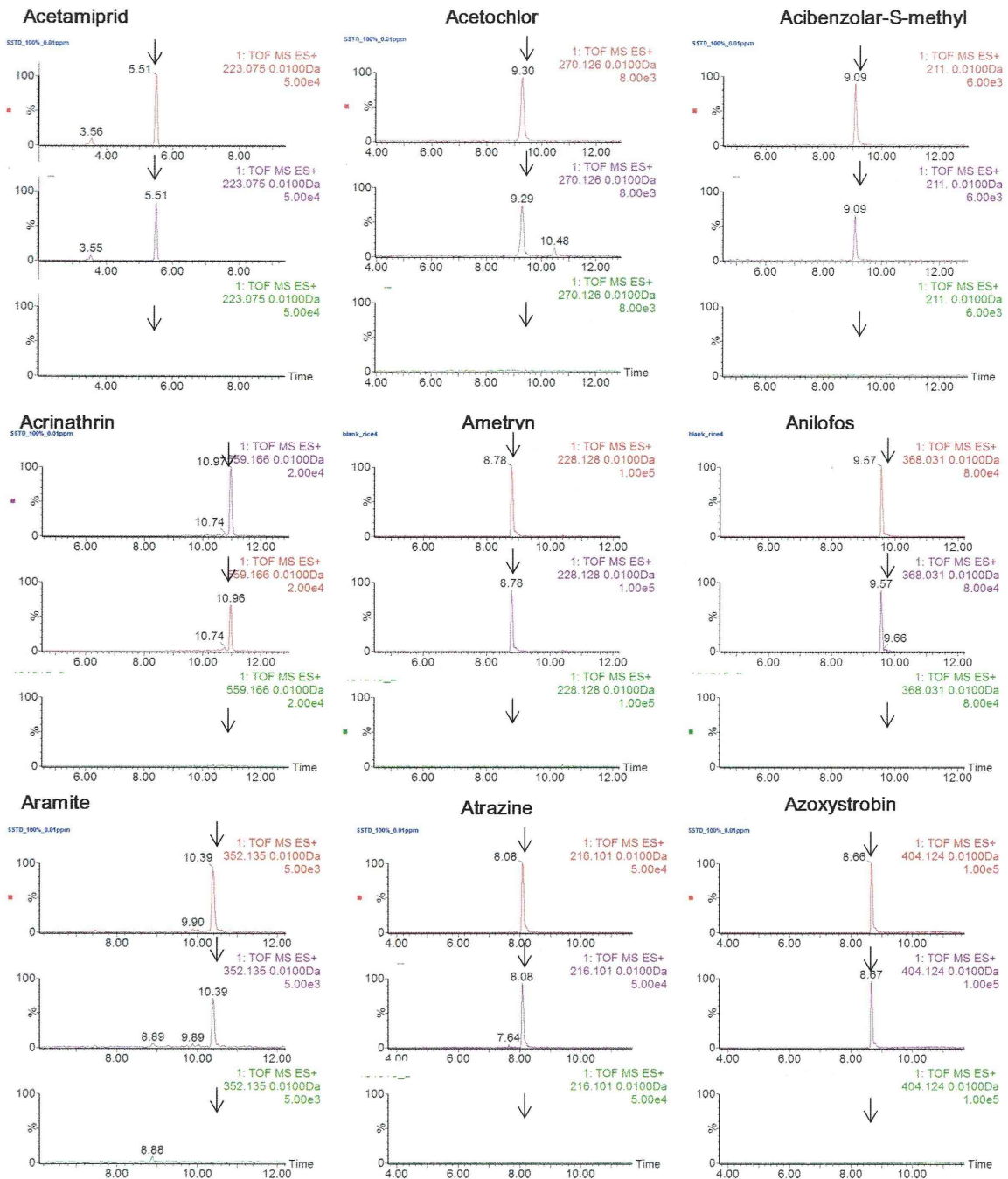
No.	分析対象化合物	ピーク面積比						備考
		1日	2日	3日	4日	5日	平均	
51	Etoazole	0.89	0.92	0.93	0.89	0.89	0.90	
52	Etrimfos	0.97	0.90	0.95	0.94	0.95	0.94	
53	Fenamidone	0.95	0.95	0.94	0.96	0.96	0.95	
54	Fenamiphos	0.91	0.68	0.72	1.12	0.68	0.82	
55	Fenarimol	0.90	0.88	0.88	0.85	0.83	0.87	
56	Fenbuconazole	0.93	0.88	0.92	0.92	0.91	0.91	
57	Fenobucarb	0.89	0.99	0.99	0.96	0.83	0.93	
58	Fenoxaprop ethyl	0.94	0.87	0.91	0.86	0.86	0.89	
59	Fenoxycarb	0.92	0.91	0.95	0.90	0.97	0.93	
60	Fenpropathrin	0.84	0.74	0.66	0.66	0.76	0.73	
61	Fenpropimorph	1.01	0.94	1.01	0.98	0.97	0.98	
62	Ferimzone (E, Z)	1.07	1.01	1.01	1.02	0.99	1.02	
63	Fipronil	0.89	0.90	0.88	0.85	0.81	0.87	
64	Flamprop methyl	1.03	0.94	0.95	0.94	0.97	0.97	
65	Fludioxonil	0.95	0.95	0.93	0.88	0.83	0.91	
66	Flufenacet	0.91	0.90	0.96	0.96	0.91	0.93	
67	Fluquinconazole	0.88	0.83	0.89	0.85	0.90	0.87	
68	Fluridone	1.01	0.98	0.99	1.01	0.97	0.99	
69	Fluvalinate	0.56	0.46	0.54	0.56	0.50	0.52	
70	Furametpyr	0.99	0.93	0.98	0.97	0.96	0.96	
71	Hexaconazole	-	-	-	-	-	-	低感度
72	Hexaflumuron	1.08	0.70	0.74	0.96	1.06	0.91	
73	Hexythiazox	0.81	0.82	0.72	0.65	0.83	0.77	
74	Imazalil	0.93	1.08	1.06	0.92	0.90	0.98	
75	Imibenconazole	0.93	0.84	0.87	0.82	0.77	0.85	
76	Indanofan	0.96	0.89	1.03	0.87	0.96	0.94	
77	Indoxacarb	0.97	0.88	0.94	0.98	0.89	0.93	
78	Iprovalicarb	0.98	0.98	0.94	0.95	0.92	0.95	
79	Isoprocarb	-	-	-	-	-	-	低感度
80	Isoxathion	0.93	0.92	0.94	0.95	0.90	0.93	
81	Kresoxim methyl	0.81	0.87	0.88	0.98	1.01	0.91	
82	Lactofen	1.00	0.91	0.91	0.83	0.90	0.91	
83	Linuron	0.96	0.93	0.99	0.95	0.92	0.95	
84	Lufenuron	1.01	0.81	0.88	0.72	0.96	0.87	
85	Malathion	1.03	0.95	0.94	0.91	0.96	0.96	
86	Mepanipyrim	0.99	0.88	0.98	1.00	0.98	0.97	
87	Metalaxyl	0.98	0.95	1.01	0.96	0.96	0.97	
88	Methabenzthiazuron	0.97	0.97	0.99	0.98	0.98	0.98	
89	Methidathion	-	-	-	-	-	-	低感度
90	Methiocarb	1.05	0.90	0.99	1.02	0.88	0.96	
91	Metolachlor	1.00	0.90	0.96	0.98	0.89	0.95	
92	Monolinuron	1.04	0.89	1.06	1.04	1.01	1.01	
93	Myclobutanil	1.00	0.87	0.98	0.94	0.96	0.95	
94	Naproanilide	0.99	0.92	0.92	0.90	0.90	0.93	
95	Napropamide	1.00	0.97	0.98	1.01	0.99	0.99	
96	Norflurazon	1.00	0.96	0.97	0.97	0.92	0.96	
97	Novaluron	0.92	0.91	0.98	0.94	0.85	0.92	
98	Oxadixyl	1.10	0.92	0.96	1.08	1.00	1.01	
99	Oxaziclofene	0.89	0.83	1.00	0.91	0.91	0.91	
100	Paclobutrazol	0.92	0.93	0.96	0.96	0.92	0.94	

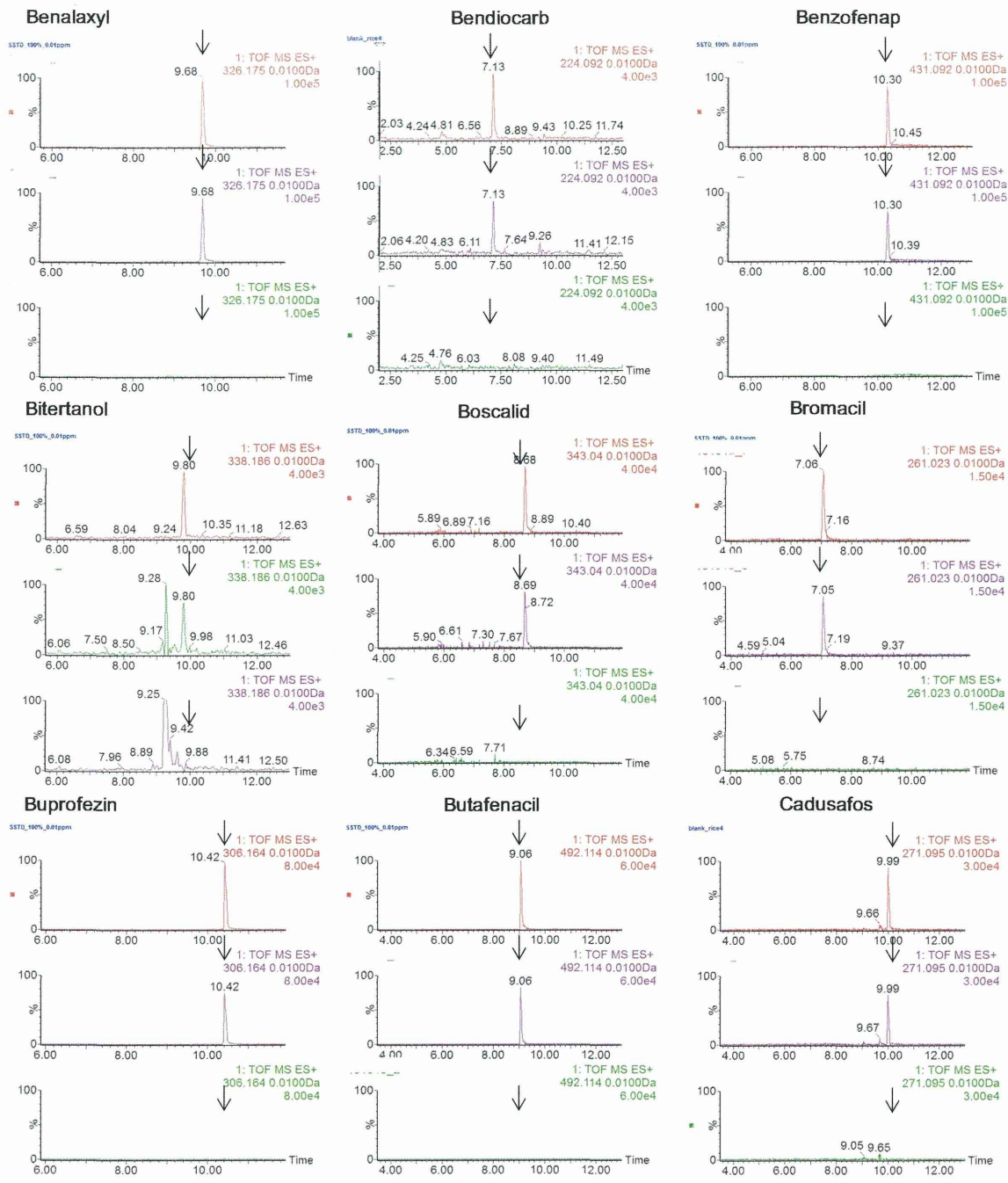
表 4-2 (つづき)

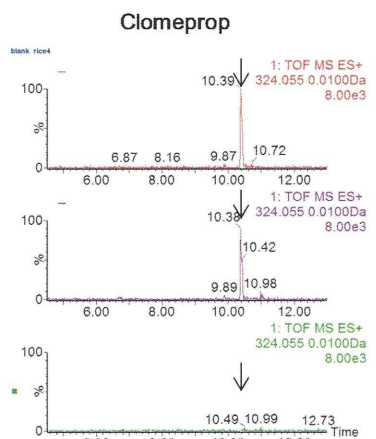
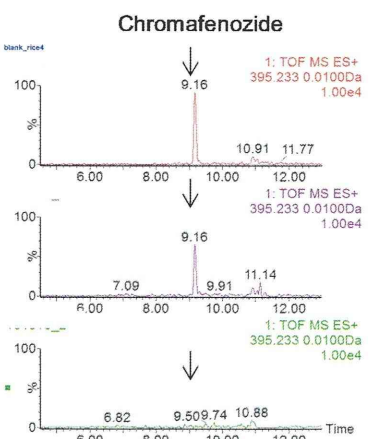
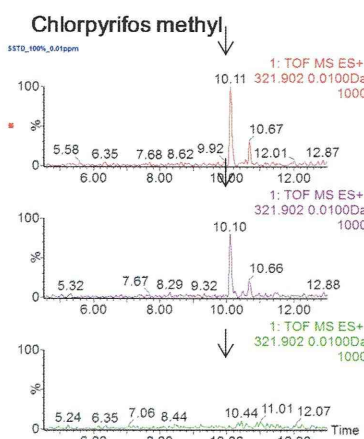
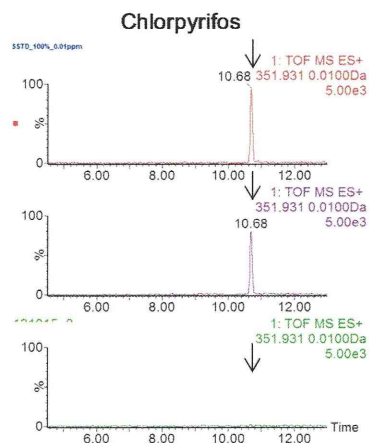
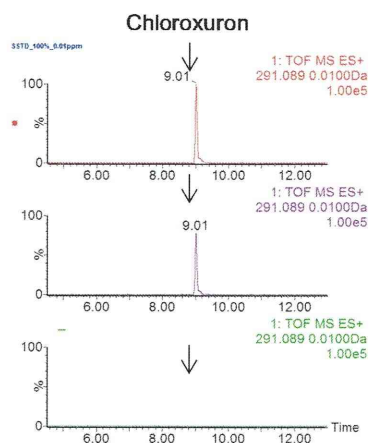
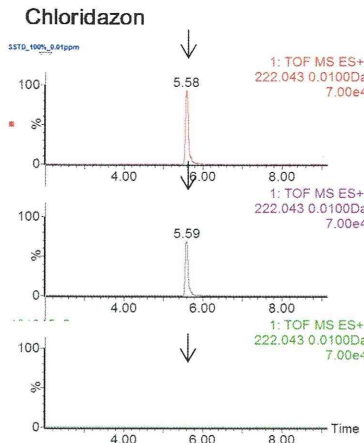
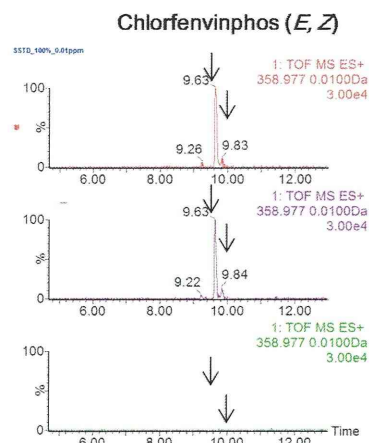
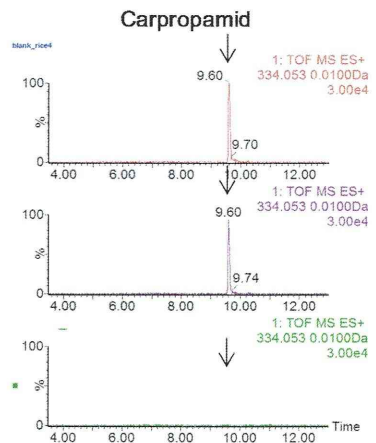
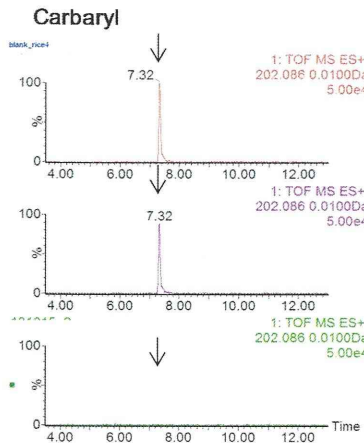
No.	分析対象化合物	ピーク面積比						備 考
		1日	2日	3日	4日	5日	平均	
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102	Pencycuron	0.99	0.90	0.99	0.96	0.94	0.96	
103	Pentoxazone	-	-	-	-	-	-	低感度
104	Phenmedipham	0.92	0.99	0.94	0.97	0.94	0.95	
105	Phenthoate	0.98	0.99	0.93	1.02	0.88	0.96	
106	Phosalone	0.99	0.88	0.97	0.90	0.92	0.93	
107	Phosphamidon	1.00	1.00	1.03	0.99	0.96	1.00	
108	Piperonyl butoxide	0.93	0.97	0.97	0.90	0.98	0.95	
109	Pirimicarb	0.98	0.99	1.07	0.98	0.97	1.00	
110	Pirimiphos methyl	1.05	0.99	1.00	0.99	0.93	0.99	
111	Prochloraz	0.96	0.89	0.96	0.91	0.91	0.92	
112	Profenofos	1.00	0.87	0.95	0.92	0.96	0.94	
113	Prometryn	1.02	0.94	0.99	0.99	0.97	0.98	
114	Propachlor	0.95	0.93	1.02	0.96	0.96	0.96	
115	Propanil	1.01	0.89	0.94	0.98	0.94	0.95	
116	Propaquizafop	1.00	0.94	0.94	0.96	0.98	0.96	
117	Propargite	0.88	0.84	0.83	0.87	0.92	0.87	
118	Propiconazole	1.01	0.93	0.97	0.90	0.88	0.94	
119	Propyzamide	1.03	0.91	0.96	0.98	0.96	0.97	
120	Pyraclufos	1.00	0.93	1.01	0.93	1.00	0.97	
121	Pyraclostrobin	1.03	0.99	1.01	0.93	0.94	0.98	
122	Pyrazophos	0.97	0.91	1.09	0.88	0.96	0.96	
123	Pyrifthalid	0.97	0.99	1.01	0.97	0.93	0.98	
124	Pyrimethanil	0.99	0.98	0.98	0.98	1.00	0.99	
125	Pyriproxyfen	0.98	0.91	0.90	0.90	0.90	0.91	
126	Quinalphos	0.91	0.95	1.01	0.92	0.84	0.93	
127	Quinoxifen	0.85	0.80	0.79	0.79	0.79	0.80	
128	Quizalofop ethyl	-	-	-	-	-	-	低感度
129	Simazine	1.00	0.90	1.01	0.98	0.97	0.97	
130	Simeconazole	0.96	0.88	0.94	0.95	0.91	0.93	
131	Spinosyn A	0.86	0.88	0.85	0.78	0.79	0.83	
132	Spinosyn D	0.96	0.95	0.83	0.81	0.95	0.90	
133	Spiroxamine	0.96	0.96	0.99	0.98	0.94	0.96	
134	Tebuconazole	1.01	0.88	0.92	0.92	0.91	0.93	
135	Tebufenpyrad	0.98	0.89	0.99	0.91	0.91	0.94	
136	Tebuthiuron	1.01	0.98	1.03	0.97	1.00	1.00	
137	Teflubenzuron	1.06	0.79	0.83	0.89	0.99	0.91	
138	Terbutryn	1.00	0.93	1.01	0.98	0.95	0.97	
139	Tetrachlorvinphos	1.04	0.94	1.01	0.91	0.91	0.96	
140	Tetraconazole	0.93	0.88	0.91	0.92	0.91	0.91	
141	Thiacloprid	0.94	0.91	0.95	0.96	0.94	0.94	
142	Tolfenpyrad	0.96	0.93	0.92	0.92	0.99	0.94	
143	Triadimefon	0.99	0.96	0.99	0.98	0.97	0.98	
144	Triadimenol	0.97	0.92	0.88	0.92	0.93	0.92	
145	Triazophos	0.95	0.82	0.95	1.07	0.99	0.96	
146	Tricyclazole	0.97	0.95	1.03	1.02	0.98	0.99	
147	Tridemorph	0.96	0.99	1.02	1.06	1.10	1.03	
148	Trifloxystrobin	0.98	0.98	0.92	0.96	0.93	0.96	
149	Triflumizole	0.98	0.92	0.94	0.86	0.81	0.90	
150	Triflumuron	0.96	0.95	0.87	0.84	0.87	0.90	
151	Triticonazole	1.00	0.95	0.88	0.98	0.76	0.92	

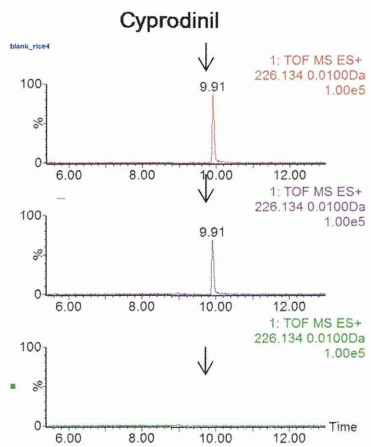
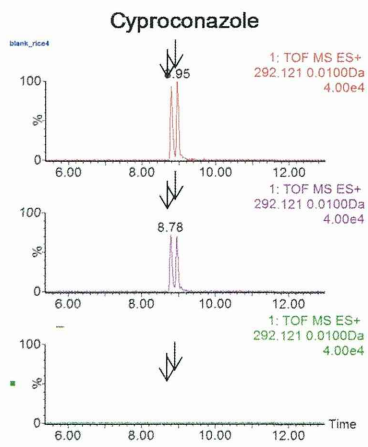
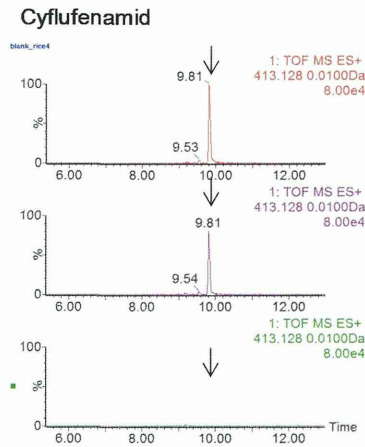
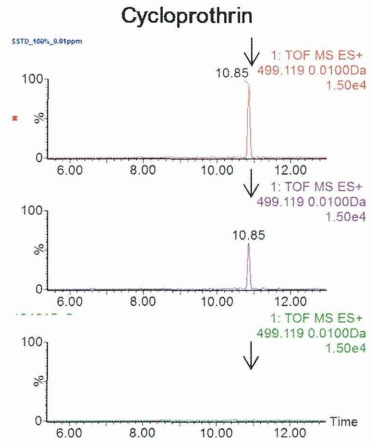
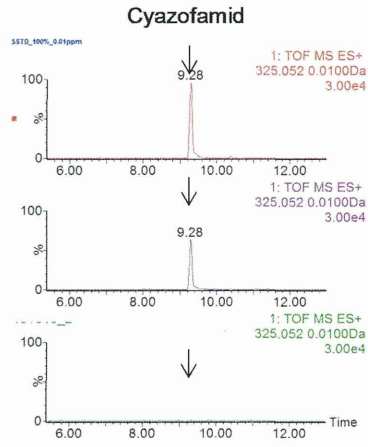
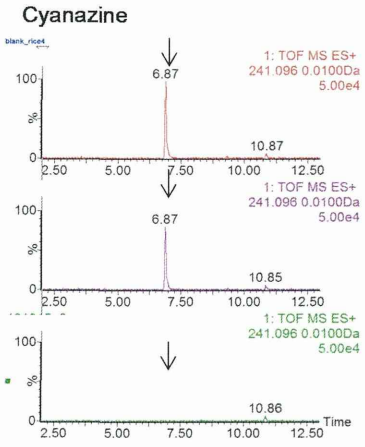
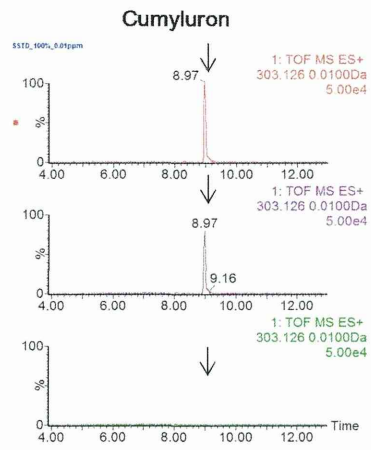
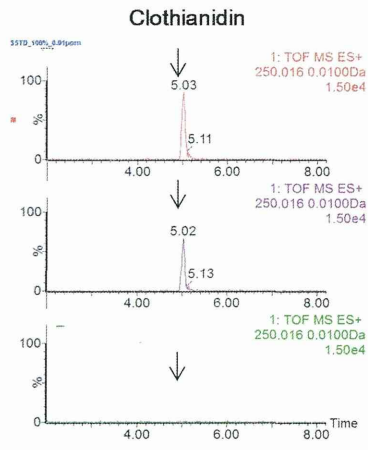
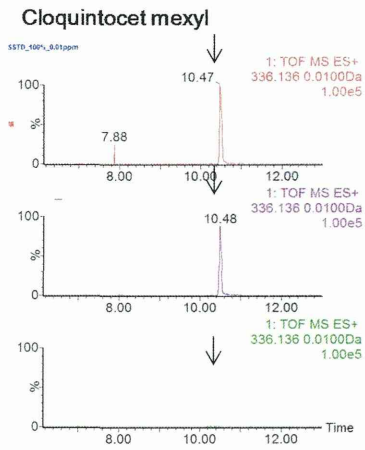
図 8-1 代表的なクロマトグラム(玄米)

(上:回収率 100%相当の標準溶液、中:添加試料、下:ブランク試料)

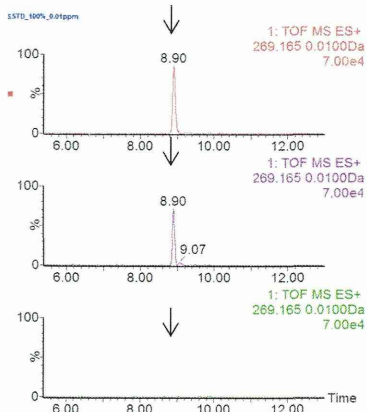




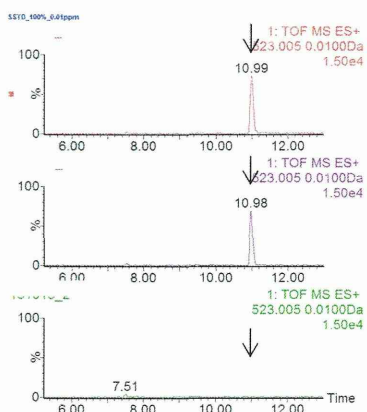




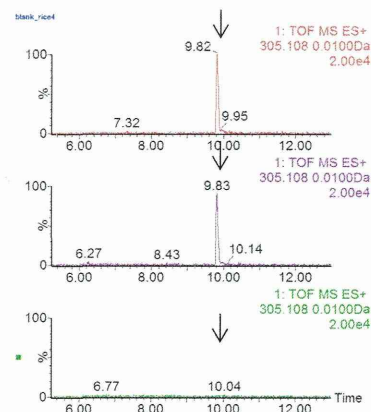
Daimuron



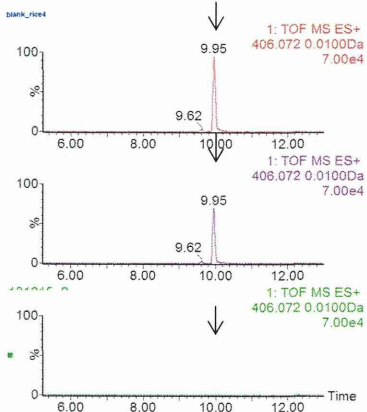
Deltamethrin



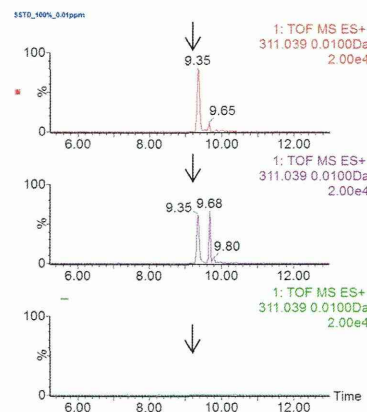
Diazinon



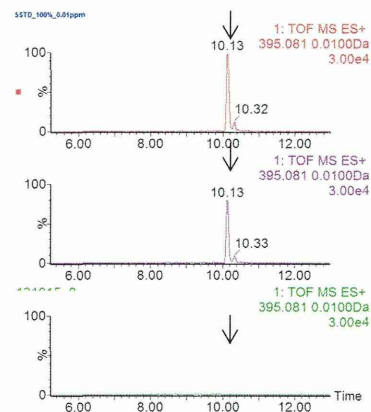
Difenoconazole



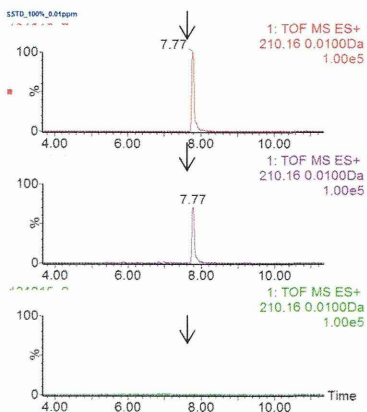
Diflubenzuron



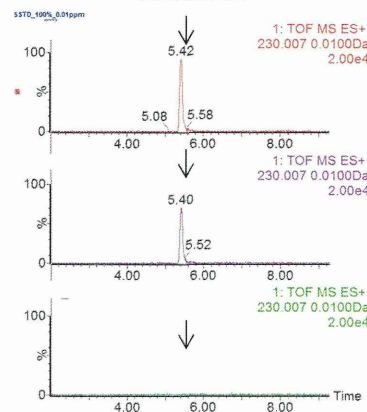
Diflufenican



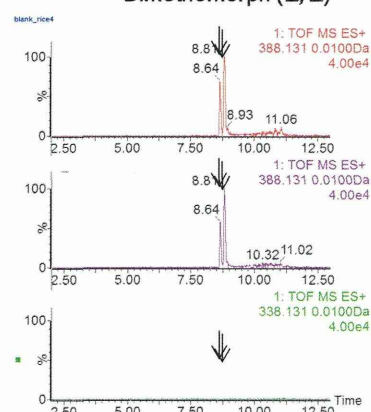
Dimethirimol

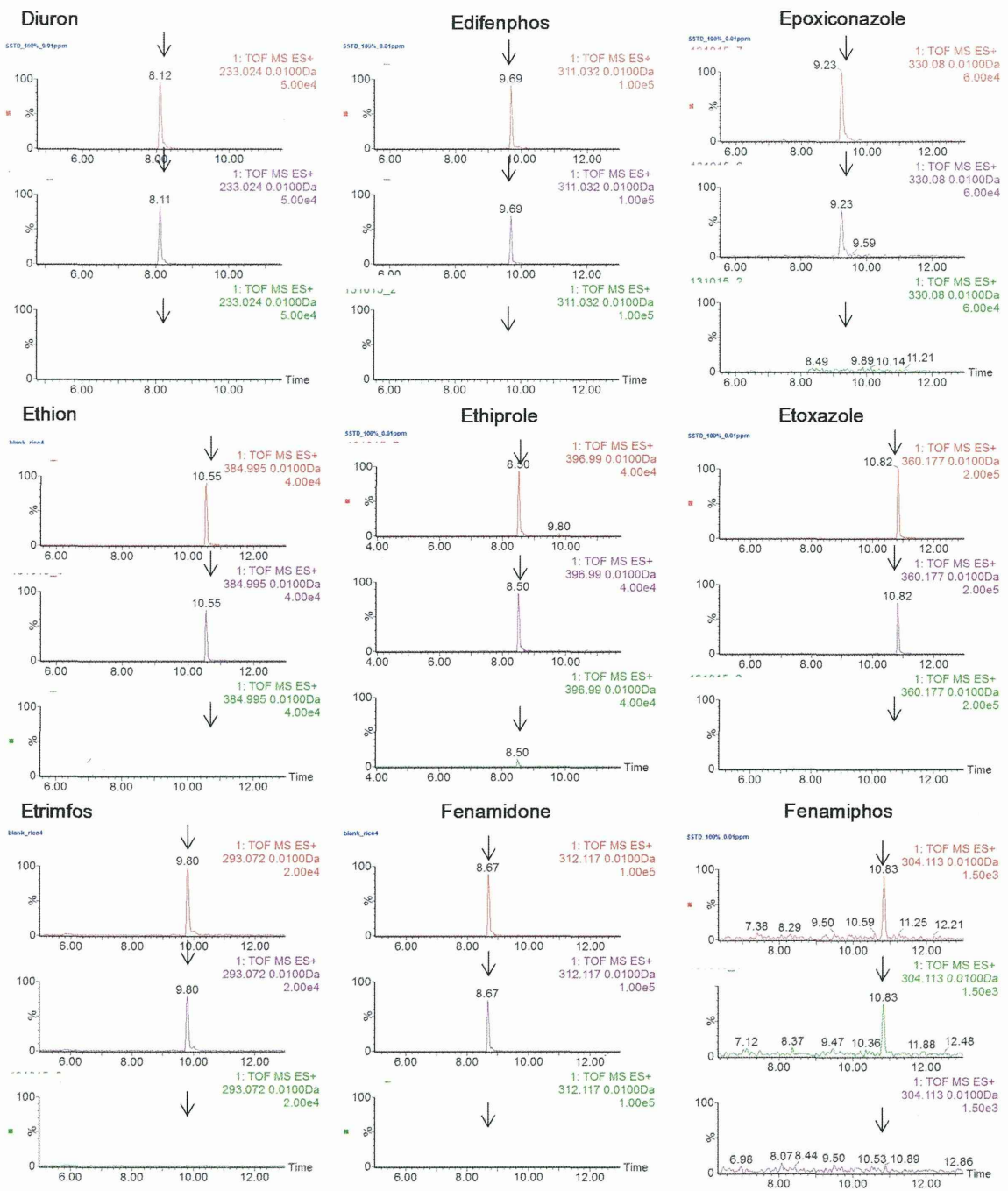


Dimethoate

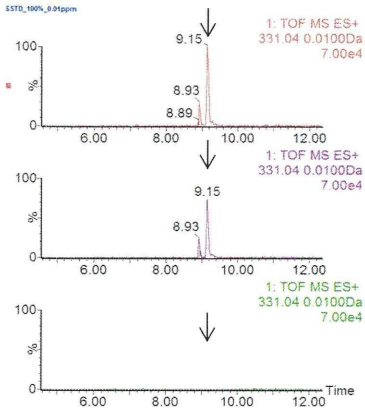


Dimethomorph (E, Z)

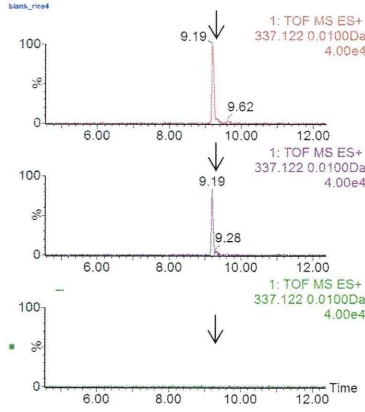




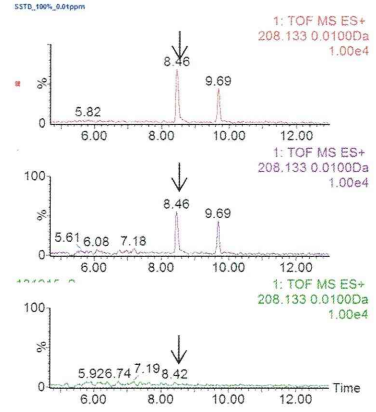
Fenarimol



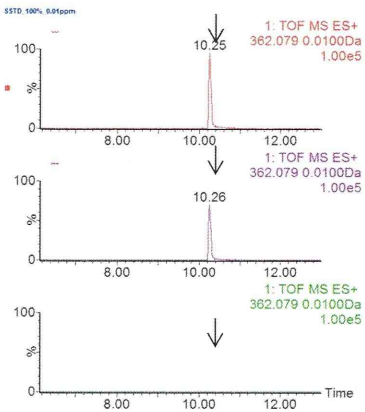
Fenbuconazole



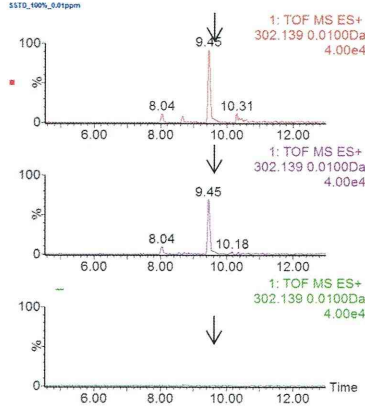
Fenobucarb



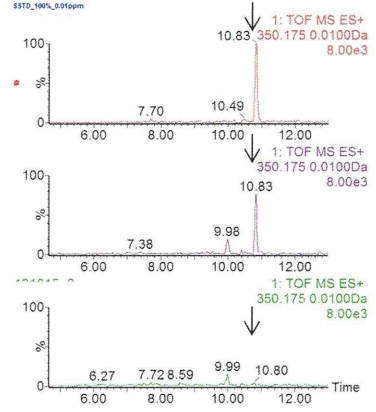
Fenoxaprop ethyl



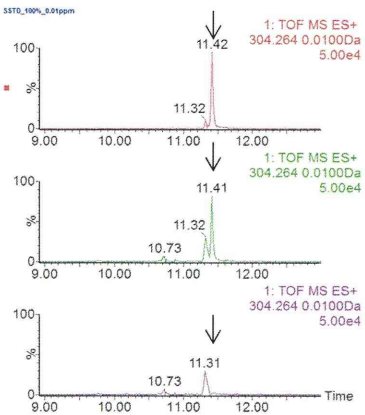
Fenoxycarb



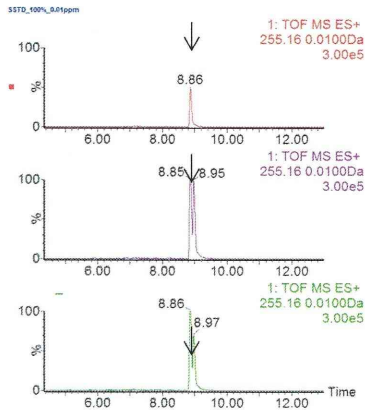
Fenpropathrin



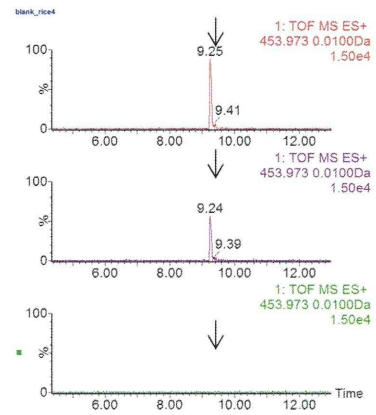
Fenpropimorph



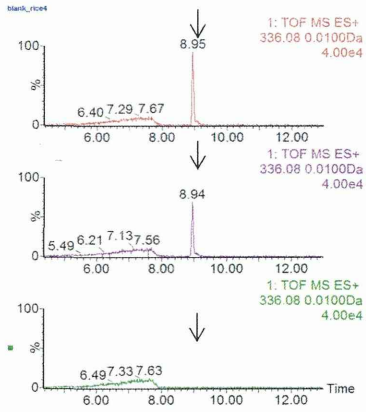
Ferimzone (E, Z)



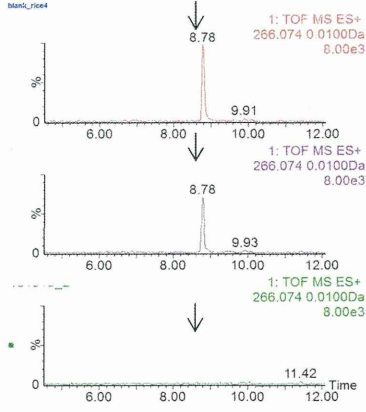
Fipronil



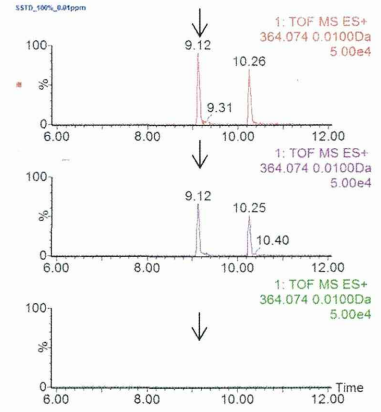
Flamprop methyl



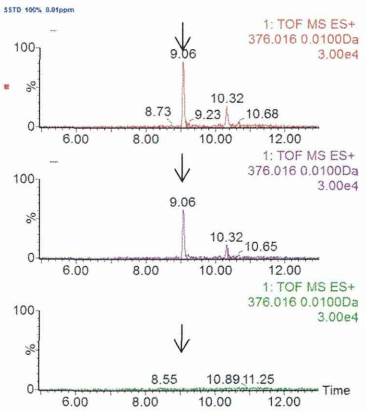
Fludioxonil



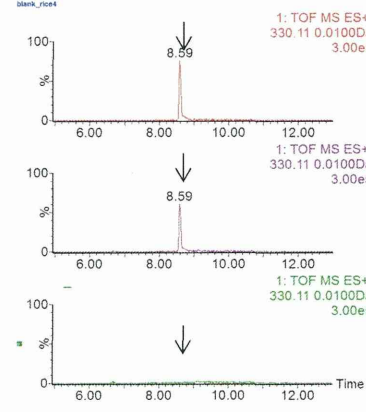
Flufenacet



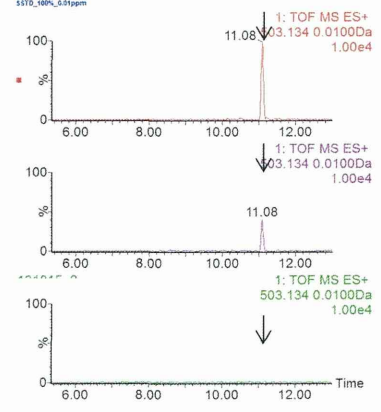
Fluquinconazole



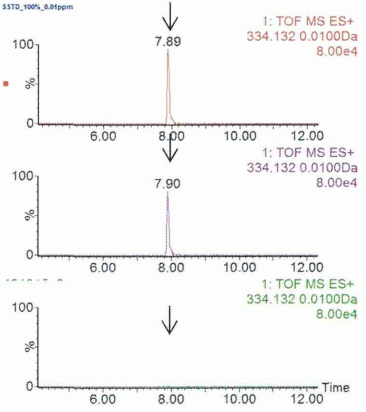
Fluridone



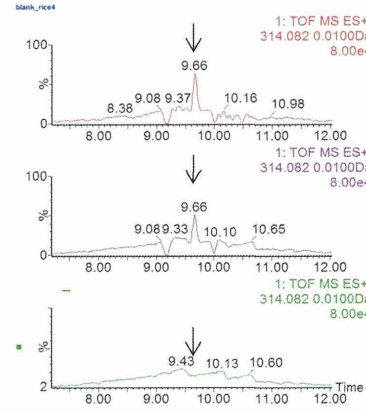
Fluvalinate



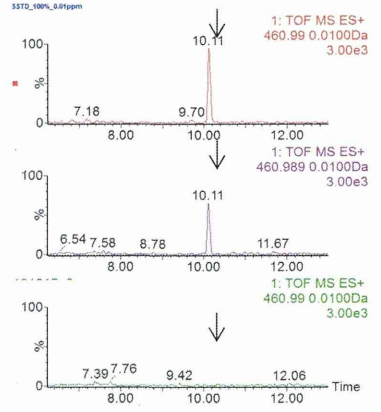
Furametpyr



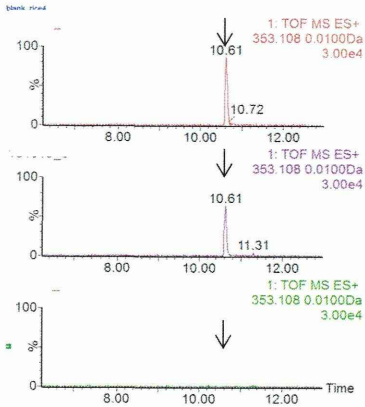
Hexaconazole



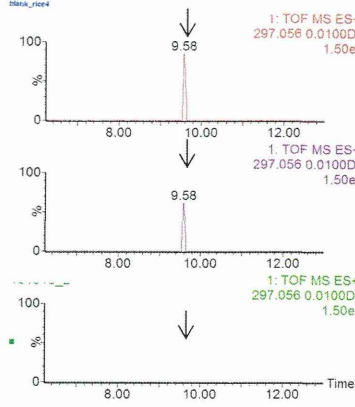
Hexaflumuron



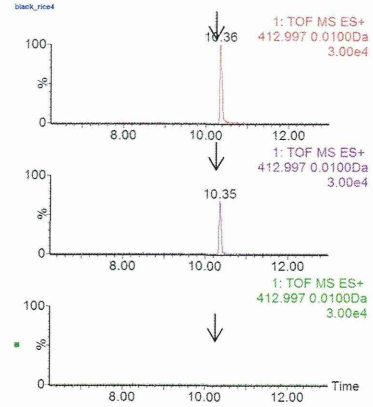
Hexythiazox



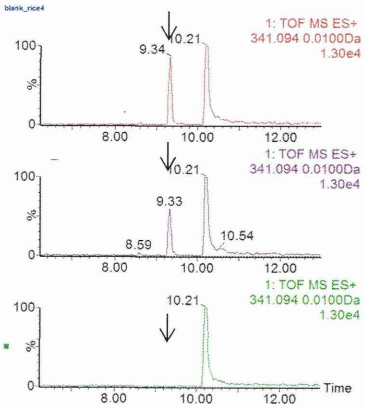
Imazalil



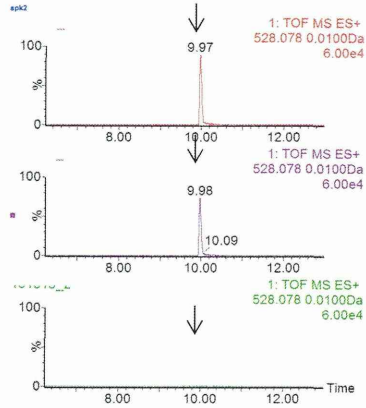
Imibenconazole



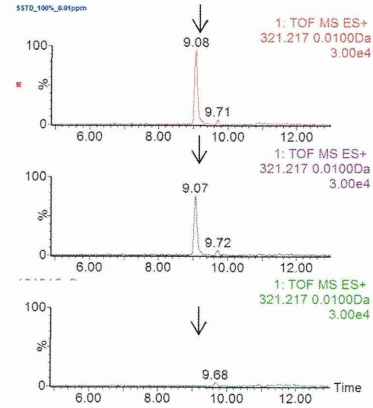
Indanofan



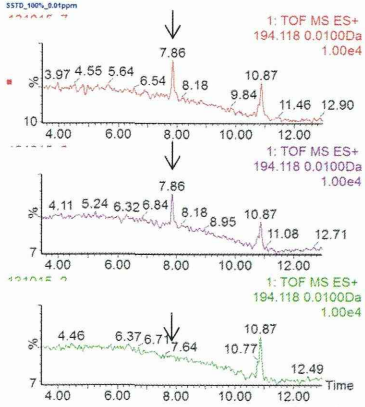
Indoxacarb



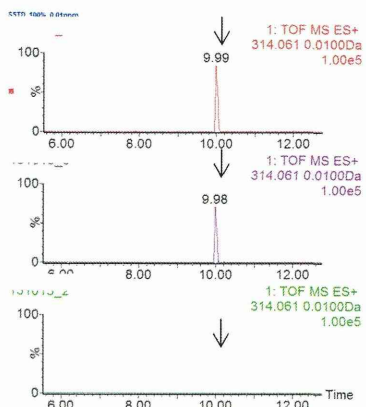
Iprovalicarb



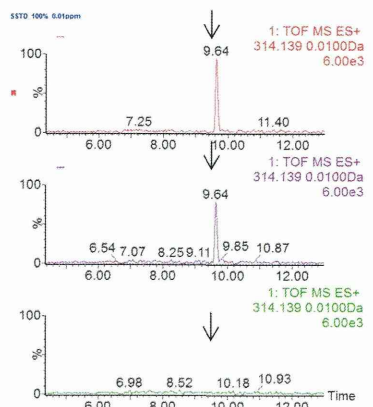
Isoprocab

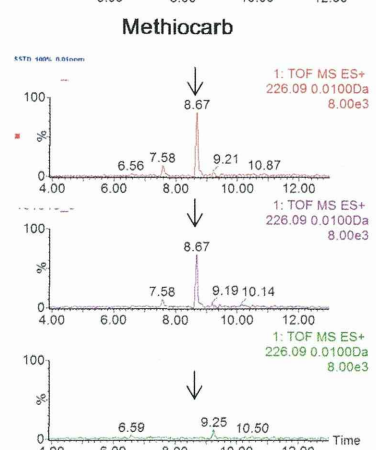
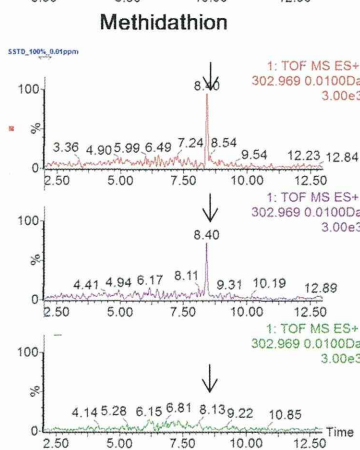
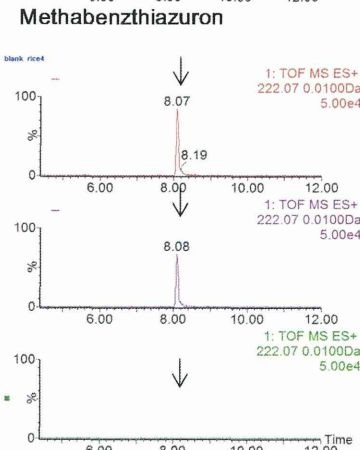
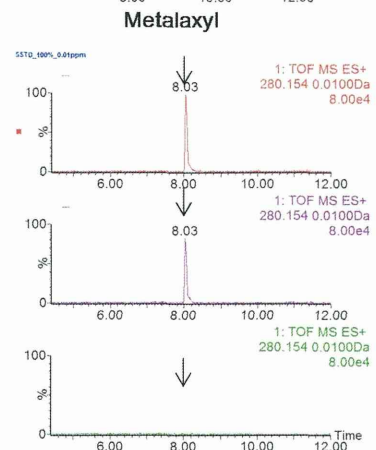
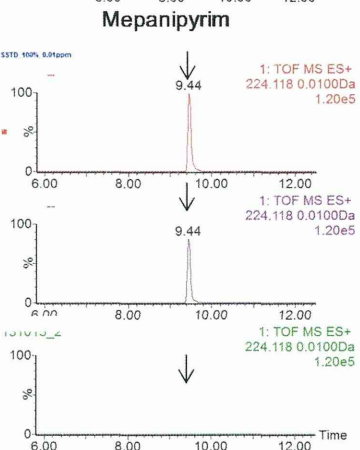
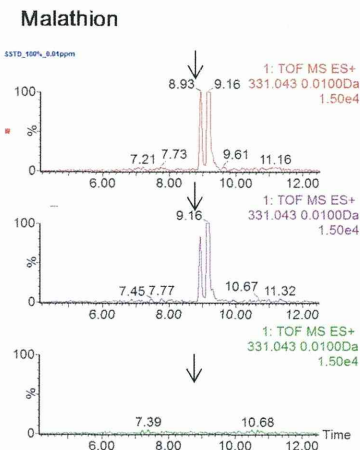
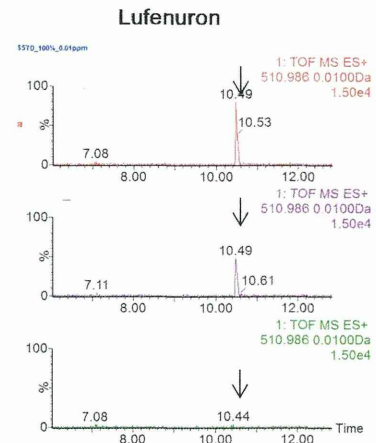
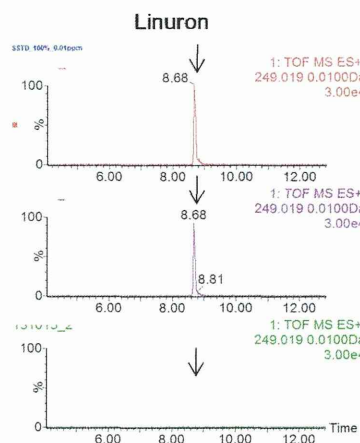
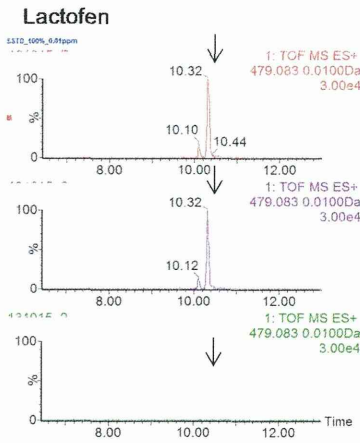


Isoxathion

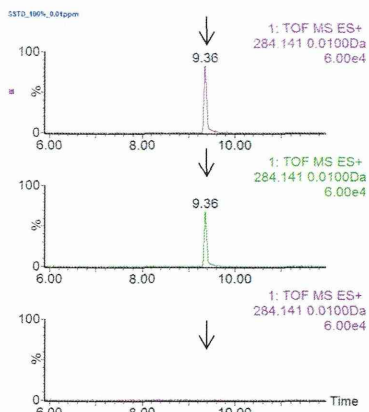


Kresoxim methyl

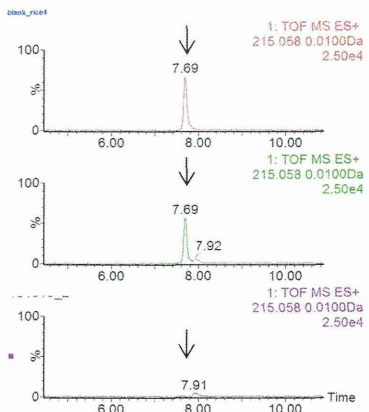




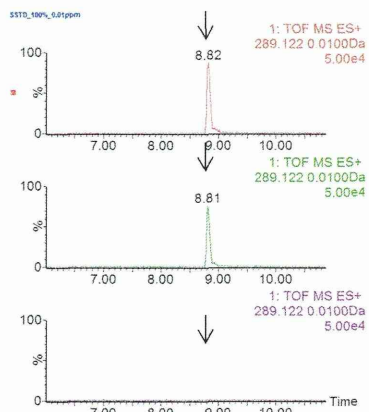
Metolachlor



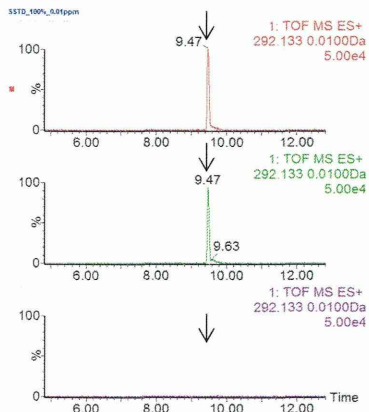
Monolinuron



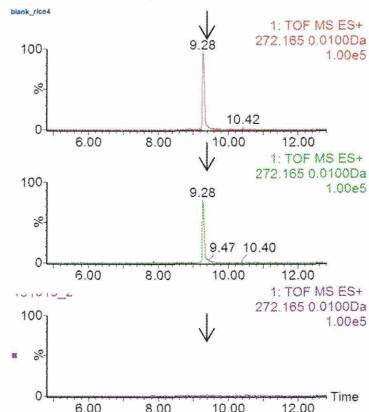
Myclobutanil



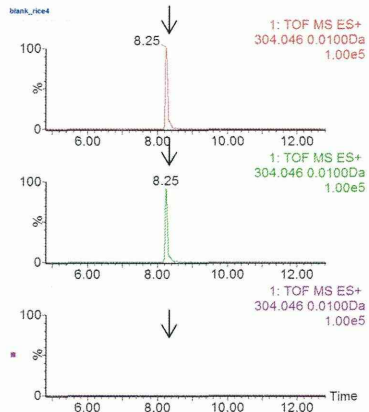
Naproanilide



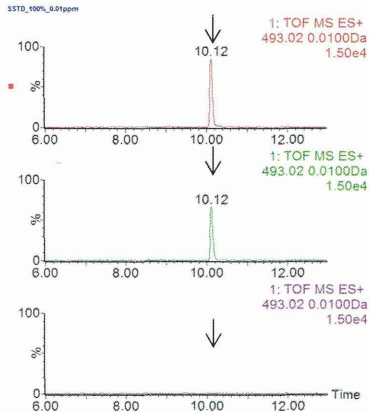
Napropamide



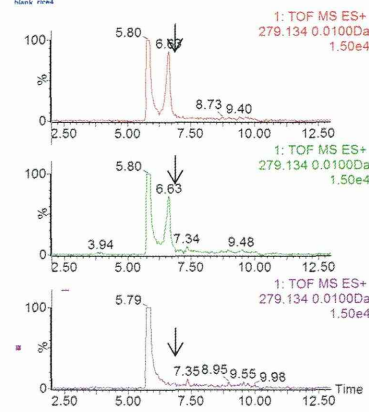
Norflurazon



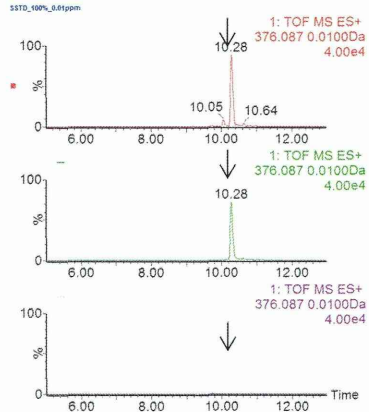
Novaluron



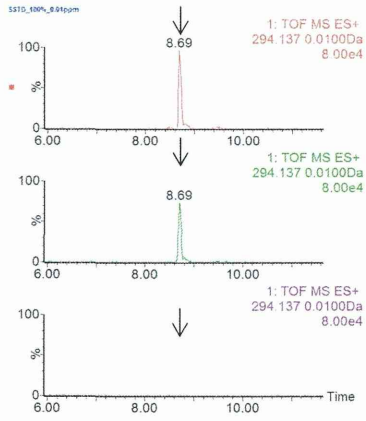
Oxadixyl



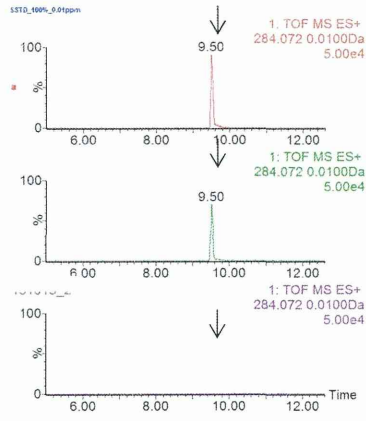
Oxaziclofene



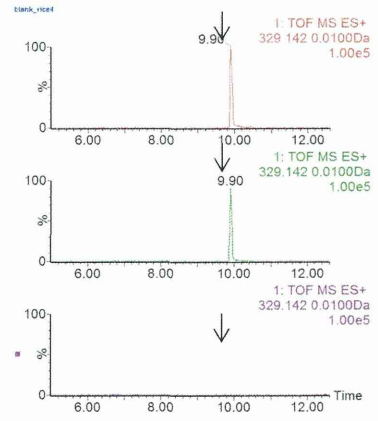
Paclobutrazol



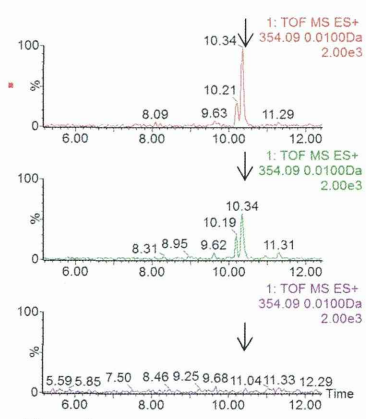
Penconazole



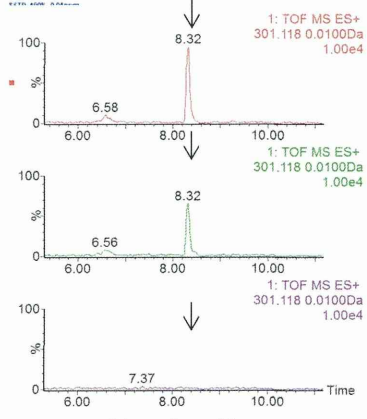
Pencycuron



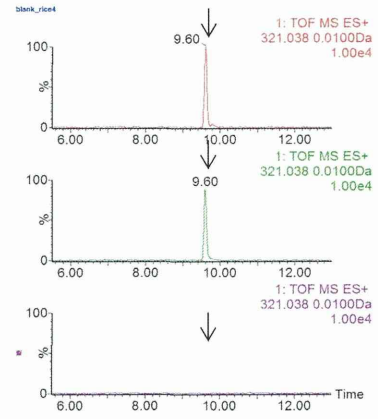
Pentoxazone



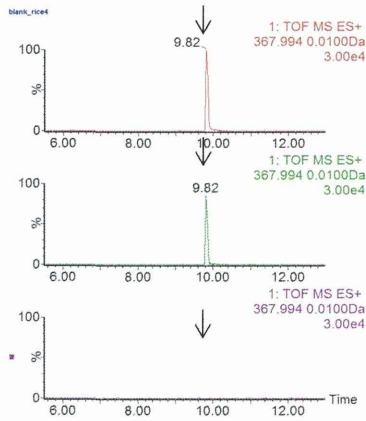
Phenmedipham



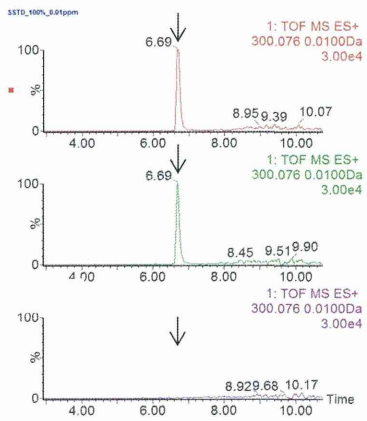
Phenthoate



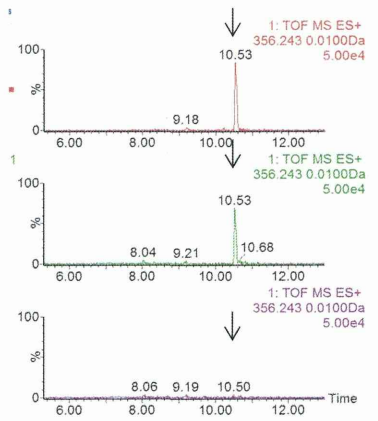
Phosalone



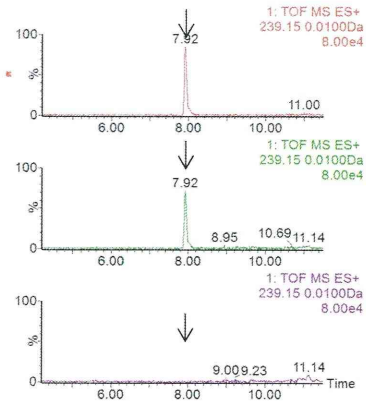
Phosphamidon



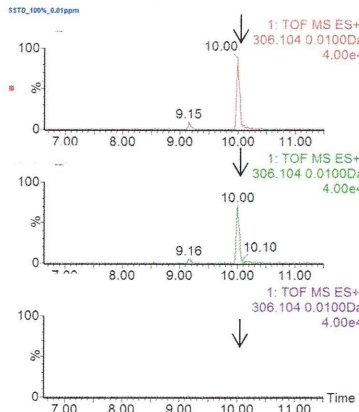
Piperonyl butoxide



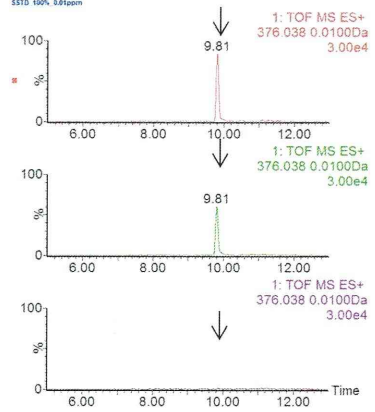
Pirimicarb



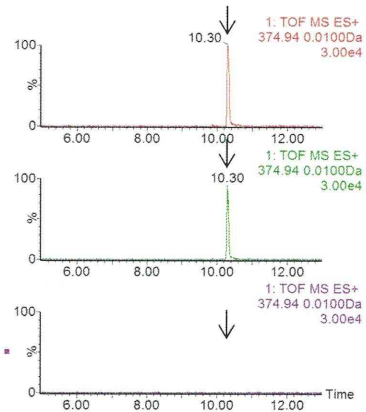
Pirimiphos methyl



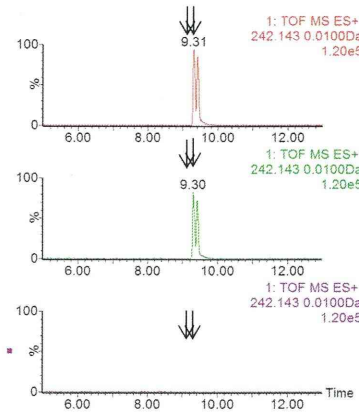
Prochloraz



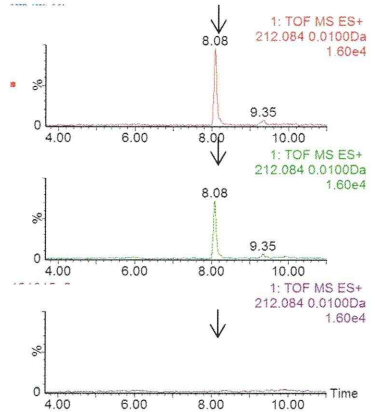
Profenofos



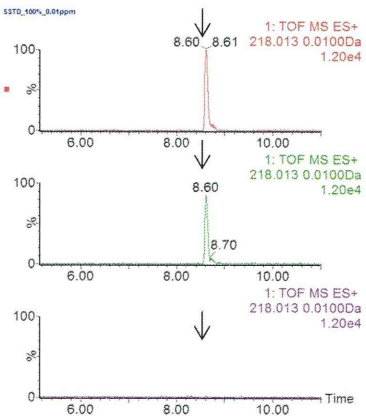
Prometryn



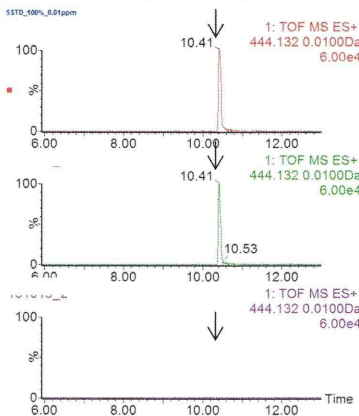
Propachlor



Propanil



Propaquizafop



Propargite

