

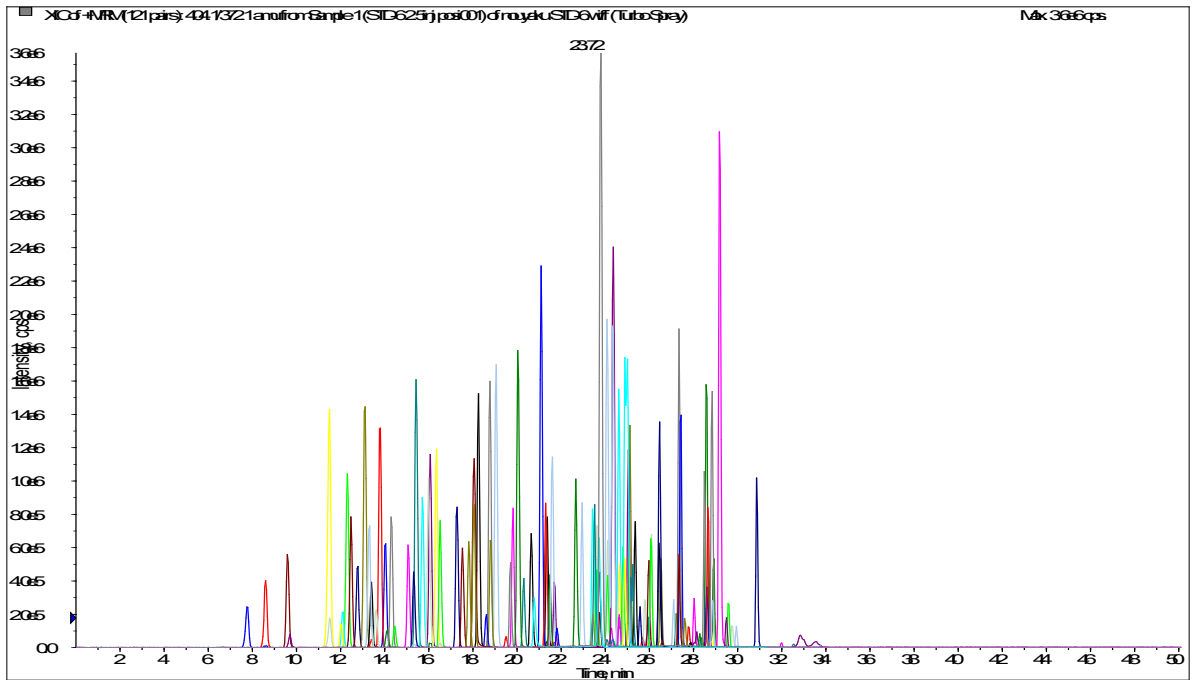
InertSearch™ for LC

Inertsil® Applications

Analysis of 118 Pesticides

Data No. LA843-0811

This sample was provided by Dr. Kiwao KADOKAMI (The University of Kitakyushu, Japan)



Conditions

System : LC800 HPLC system
4000 Q TRAP®
Column : Inertsil ODS-4 HP (3μm, 150 x 2.1 mm I.D.)
Column Cat. No. : 5020-14002
Eluent : A) 5 mmol CH₃COONH₄ in CH₃OH
B) 5 mmol CH₃COONH₄ in H₂O
A/B = 5/95 -30 min- 95/5 -20 min- 95/5 ,v/v
Flow rate : 0.3 mL/min
Col. Temp. : 40 °C
Detection : LC/MS/MS (4000Q TRAP® : ESI, Positive, MRM)
CUR CAD IS TEM GS1 GS2
40 4 5000 600 50 80
Injection Vol. : 2.5 μL
Sample : Pesticides

Analyte:

- | | | |
|--------------------------|--------------------------------|------------------------------|
| 1. Aldicarb sulfone | 42. Chloroxuron | 82. Bensulfuron-methyl |
| 2. Oxamyl | 43. Mepanipyrim | 83. Fluazifop |
| 3. Aldicarb | 44. Triticonazole | 84. Cyclosulfamuron |
| 4. Carbofuran | 45. Indanofan | 85. Fenhexamid |
| 5. Tebuthiuron | 46. Tetrachlorvinphos | 86. Dichloromezine |
| 6. Carbaryl | 47. Carpropamid | 87. Thiamethoxam |
| 7. Monolinuron | 48. Imazalil | 88. Imidacloprid |
| 8. Diuron | 49. Pencycuron | 89. Clothianidin |
| 9. Fluridone | 50. Cycloate | 90. Chloridazon |
| 10. Linuron | 51. Oxaziclonefone | 91. Oxycarboxin |
| 11. Dimethomorph(E) | 52. Fenoxaprop-ethyl | 92. Thiachlorid |
| 12. Dimethomorph(Z) | 53. Flufenoxuron | 93. Thiabendazole |
| 13. Fenamidone | 54. Spinosad A | 94. Azamethiphos |
| 14. Boscalid | 55. Tridemorph 1 | 95. Dimethirimol |
| 15. Flufenacet | 56. Tridemorph 2 | 96. Tralkoxydim 1 |
| 16. Epoxiconazole | 57. Silafluofen | 97. Tralkoxydim 2 |
| 17. Tebufenozide | 58. Metsulfuron-methyl | 98. Isoxaflutole |
| 18. Diflubenzuron | 59. Thifensulfuron-methyl | 99. Azinphos-methyl |
| 19. Cyprodinil | 60. Azimsulfuro | 100. Phenmedipham |
| 20. Pyraclostrobin | 61. Chlorsulfuron | 101. Pyriftalid |
| 21. Triflurumuron | 62. Florasulam | 102. Ferimzone(E) |
| 22. Clofentezine | 63. Cinosulfuron | 103. Ferimzone(Z) |
| 23. Novaluron | 64. Foramsulfuron | 104. Methoxyfenozide |
| 24. Di-allate | 65. Sulfofurfuron | 105. Chromafenozide |
| 25. Propaquizafop | 66. Flazasulfuron | 106. Butafenacil |
| 26. Aramite | 67. Propoxycarbazone-sodium | 107. Iprovalicarb |
| 27. Lufenuron | 68. Triasulfuron | 108. Simeconazole |
| 28. Teflubenzuron | 69. Clofencet | 109. Naproanilide |
| 29. Hexythiazox | 70. Mesosulfuron-methyl | 110. Cyflufenamid |
| 30. Fenpyroximate | 71. Ethametsulfuron-methyl | 111. Cyflufenamid |
| 31. Bendiocarb | 72. Pyrazosulfuron-ethyl | 112. Pyrazolynate/pyrazolate |
| 32. Thiodicarb | 73. Naptalam | 113. Indoxacarb |
| 33. Pirimicarb | 74. Iodosulfuron-methyl-sodium | 114. Benzofofenap |
| 34. Furametpyr | 75. Trifloxysulfuron-sodium | 115. Quizalofop-ethyl |
| 35. Methabenzthiazuron | 76. Halosulfuron-methyl | 116. Lactofen |
| 36. Azoxystrobin | 77. Metosulam | 117. Furathiocarb |
| 37. Fenobucarb | 78. Penoxsulam | 118. Clomeprop |
| 38. Acibenzolar-S-methyl | 79. Chlorimuron-ethyl | 119. Cloquintocet-mexyl |
| 39. Methiocarb | 80. Ethoxysulfuron | |
| 40. Dymron | 81. Sulfentrazone | |
| 41. Cumylfuron | 82. Clodinafop | |
- each 1 μg/mL

Related No. : LA844

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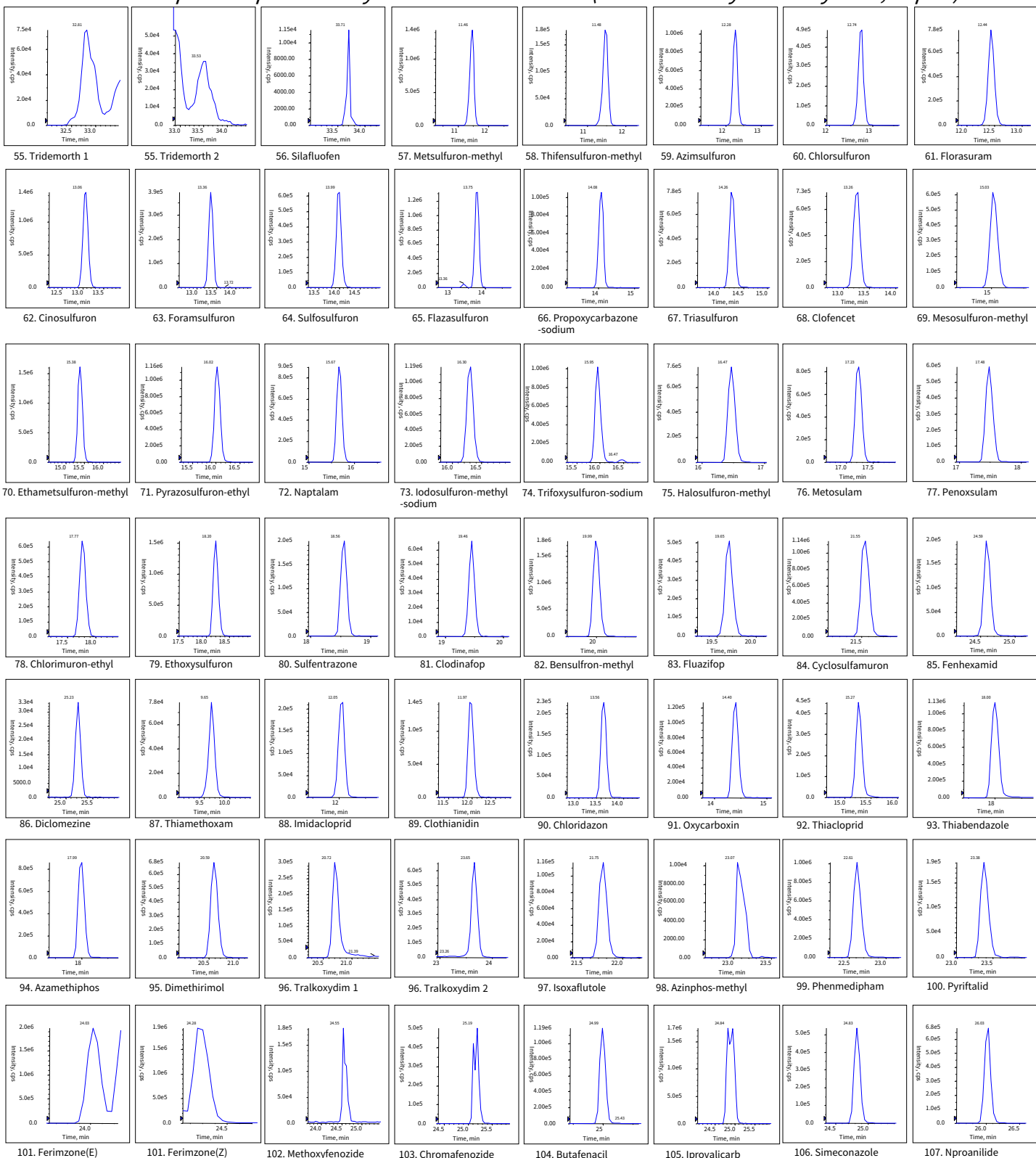
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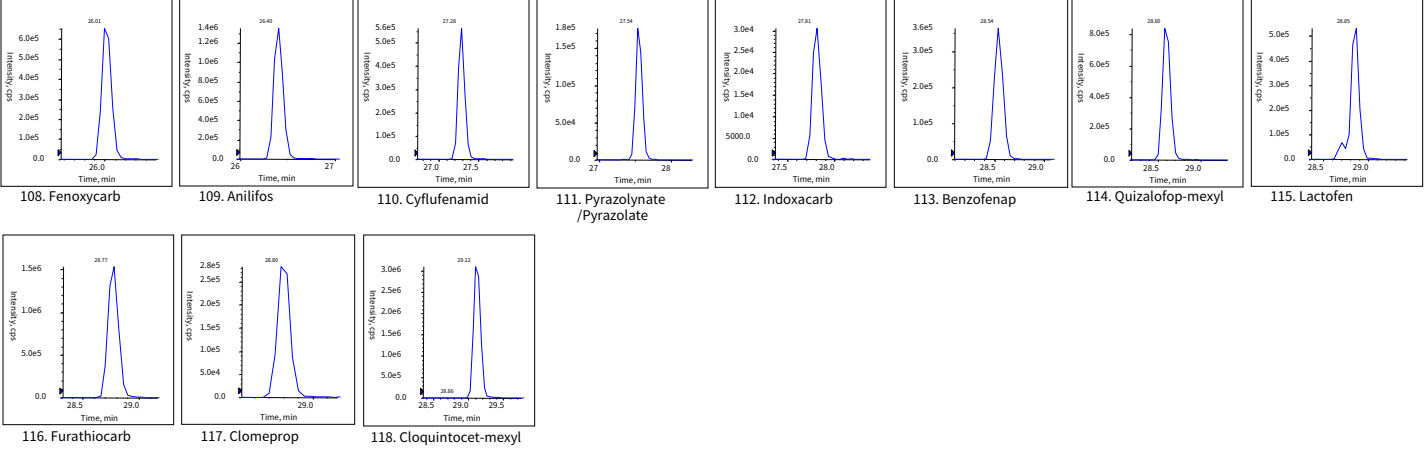
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Data No. LA843-0811

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	物質名	Q1	Q3	R.T.
1	Aldicarb sulfone	223	86	7.8
2	Osamyl	237	72	8.6
3	Aldicarb	208	116	16.0
4	Carbofuran	222	123	18.8
5	Tebuthiuron	229	172	19.1
6	Carbaryl	202	145	19.8
7	Monolinuron	215	126	20.3
8	Diuron	233	72	21.7
9	Fluridone	330	310	23.4
10	Linuron	249	160	23.5
11	Dimethomorph(E)	388	301	23.6
11	Dimethomorph(Z)	388	165	24.1
12	Fenamidone	312	92	23.7
13	Boscalid	343	307	23.7
14	Flufenacet	364	194	25.1
15	Epoxiconazole	330	121	25.4
16	Tebufenozide	353	133	25.9
17	Diflufenuron	311	158	25.7
18	Cyprodinil	226	93	27.2
19	Pyraclostrobin	388	194	27.3
20	Triflumuron	359	139	27.1
21	Clofentezine	303	138	28.0
22	Novaluron	493	141	28.3
23	Di-allate	270	86	28.1
24	Propaquizafop	444	100	29.0
25	Aramite	352	191	29.0
26	Lufenuron	511	158	29.4
27	Teflubenzuron	381	381	29.7
28	Hexythiazox	353	228	29.6
29	Fenpyroximate	422	366	30.8
30	Methomyl	163	106	9.6
31	Bendiocarb	224	109	18.8
32	Thiodicarb	355	88	21.4
33	Pririmicarb	239	72	21.1
34	Furametpyr	334	157	21.3
35	Methabenzthiazuron	222	150	21.5
36	Azoxystrobin	404	372	23.7
37	Fenobucarb	208	95	22.9
38	Acibenzolar-S-methyl	211	136	24.3
39	Methiocarb	226	169	23.5
40	Dymron	269	151	24.3
41	Cumyluron	303	185	24.6
42	Chloroxuron	291	72	24.6
43	Mepanipyrim	224	106	25.8
44	Triticonazole	318	70	24.8
45	Indanofan	341	175	25.6
46	Tetrachlorvinphos	367	127	26.0
47	Carpropamid	334	139	26.5
48	Imazali	297	159	26.4
49	Penicycuron	329	125	27.4
50	Cycloate	216	154	27.7
51	Oxaziclomefone	376	190	28.5
52	Fenoxaprop-ethyl	362	288	28.5
53	flufenoxuron	489	141	29.9
54	Spinosad A	732	142	32.0
54	Spinosad D	746	142	32.5
55	Tridemorph 1	298	130	32.8
55	Tridemorph 2	298	98	33.5
56	Silafluofen	426	287	33.7
57	Metsulfuron-methyl	382	167	11.5
58	Thifensulfuron-methyl	388	205	11.5
59	Azimsulfuro	425	182	12.3

	物質名	Q1	Q3	R.T.
60	Chlorisulfuron	358	141	12.8
61	Florasulam	360	129	12.4
62	Cinosulfuron	414	183	13.1
63	Foramsulfuron	453	182	13.4
64	Sulfosulfuron	471	211	14.0
65	Flazasulfuron	408	182	13.8
66	Propoxycarbazone-sodium	421	180	14.1
67	Triasulfuron	402	167	14.3
68	Clofencet	279	261	13.3
69	Mesosulfuron-methyl	504	182	15.0
70	Ethametsulfuron-methyl	411	196	15.4
71	Pyrazosulfuron-ethyl	415	182	16.0
72	Naptalam	292	144	15.7
73	Iodosulfuron-methyl-sodium	508	167	16.3
74	Trifloxysulfuron-sodium	438	182	16.0
75	Halosulfuron-methyl	435	182	16.5
76	Metosulam	418	175	17.2
77	Penoxsulam	484	195	17.5
78	Chlorimuron-ethyl	415	186	17.8
79	Ethoxysulfuron	399	261	18.2
80	Sulfentrazone	387	307	18.6
81	Clodinafop	312	238	19.5
82	Bensulfuron-methyl	411	149	20.0
83	Fluazifop	328	282	19.7
84	Cyclosulfamuron	422	261	21.6
85	Fenhexamid	302	97	24.6
86	Diclomazine	255	89	25.2
87	Thiamethoxam	292	181	9.7
88	Imidacloprid	256	175	12.1
89	Clothianidin	250	132	12.0
90	Chloridazon	222	104	13.6
91	Oxycarboxin	268	147	14.4
92	Thiacloprid	253	126	15.3
93	Thiabendazole	202	175	18.0
94	Azamethiphos	325	183	18.0
95	Dimethirimol	210	71	20.6
96	Tralkoxydim 1	330	138	20.7
96	Tralkoxydim 2	330	284	23.7
97	Isoxaflutole	360	251	21.8
98	Azinphos-methyl	318	132	23.1
99	Phenmedipham	301	168	22.6
100	Pyridalid	319	139	23.4
101	Ferimzone(E)	255	132	24.0
101	Ferimzone(Z)	255	124	24.3
102	Methoxyfenozide	369	149	24.5
103	Chromafenozide	395	175	25.2
104	Butafenacil	492	331	25.0
105	Iprovalicarb	321	119	24.8
106	Simeconazole	294	70	24.8
107	Naproanilide	292	171	26.0
108	Fenoxycarb	302	116	26.0
109	Anilifos	368	125	26.4
110	Cyflufenamid	413	295	27.3
111	pyrazolynate/pyrazolate	439	91	27.5
112	Indoxacarb	528	56	27.8
113	Benzenefap	431	105	28.5
114	Quinalofop-ethyl	373	299	28.6
115	Lactofen	479	344	28.9
116	Furathiocarb	383	195	28.8
117	Clomeprop	324	120	28.8
118	Cloquintocet-mexyl	336	238	29.1