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125:140833

Comparison for the simultaneous determination of pesticides residues in foods by GC and GC/MS. Miyata, Masahiro; Hirahara, Yoshichika; Narita, Mikako; Kimura, Mika; Watanabe, Yoshinori; Ito, Sumio; Takeda, Hisashi; Kobayashi, Akihiko; Tonogai, Yasuhide; et al. (Cent. Insp. Imported Foods Infect. Dis., Kobe Quar. Stn., Kobe 652, Japan). *Shokuhin Eiseigaku Zasshi*, 37(3), 158-164 (Japanese) 1996. CODEN: SKEZAP. ISSN: 0015-6426. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry) Section cross-reference(s): 5

Keywords

food pesticide analysis GC MS
organophosphorus pesticide food analysis GC MS
organonitrogen pesticide food analysis GC MS
gas chromatog MS pesticide analysis food
mass spectrometry GC pesticide analysis food

Index Entries

Pesticides

agrochem.; comparison for the simultaneous detn. of pesticides residues in foods by GC and GC/MS

Apple

Banana

Chromatography, gas

Food analysis

Rice

Wheat

comparison for the simultaneous detn. of pesticides residues in foods by GC and GC/MS

Mass spectrometry

gas chromatog. combined with; comparison for the simultaneous detn. of pesticides residues in foods by GC and GC/MS
55-38-9 ;56-38-2;60-51-5; 62-73-7; 97-17-6; 101-21-3; 114-26-1; 115-90-2; 116-06-3; 119-12-0; 121-75-5; 122-14-5;
298-00-0

298-04-4;

333-41-5;563-12-2;709-98-8;944-22-9;950-37-8;1129-41-5;2104-64-5;2275-23-2;2310-17-0;2439-01-2;2540-82-1
2597-03-7;2631-40-5;2636-26-2;2921-88-2;3766-81-2;3811-49-2;5598-13-0;6923-22-4;7292-16-2;10265-92-6;13067-93-
1; 13071-79-9;13194-48-4;13593-03-8;17109-49-8;18854-01-8;21087-64-9;22248-79-9;22781-23-3;23103-98-2
24017-47-8;26087-47-8;28249-77-6;29232-93-7;30560-19-1;30864-28-9;33089-61-1;34643-46-4;38260-54-7
40487-42-1;43121-43-3;51218-49-6;55219-65-3;55814-41-0;66332-96-5;69327-76-0;73250-68-7;85785-20-2
87130-20-9

comparison for the simultaneous detn. of pesticides residues in foods by GC and GC/MS

124:2961

Micro-determination of pesticides by GC/3DQMS.

Kawarai, Masako; Yokokura, Takefumi; Shizukuishi, Kenichi; Nakagawa, Katuhiro; Katoh, Yoshiaki (Hitachi Instruments Engineering Co., Ltd., Hitachinaka 312, Japan). *Kankyo Kagaku*, 5(2), 326-7 (Japanese) 1995. CODEN: KKAGEY. ISSN: 0917-2408. DOCUMENT TYPE: Journal CA Section: 5 (Agrochemical Bioregulators)

Keywords

pesticide residue rice chromatog mass spectrometry

Index Entries

Pesticides

micro-deth. of pesticides by GC/3DQMS

50-29-3, analysis

55-38-9;57-53-4;58-89-9;60-57-1;62-73-7;72-20-8;319-84-6;319-85-7;319-86-8;333-41-5;470-90-6;789-02-6;2104-64-5;2597-03-7;2921-88-2;3766-81-2;13071-79-9;13194-48-4;17109-49-8;21087-64-9;24579-73-5;28249-77-6;29232-93-740487-42-1;51218-49-6;52315-07-8;52645-53-1;52918-63-5;73250-68-7;85785-20-2;micro-detn. of pesticides by GC/3DQMS

123:31481

Simultaneous determination of various pesticides in rice by ion-trap gas chromatography/mass spectrometric (chemical ionization method) analysis.

Miyoshi, Tomoko; Hirahara, Yoshichika; Narita, Mikako; Okamoto, Kouichirou; Miyata, Masahiro; Koiguchi, Satoshi; Hasegawa, Masumi; Kamakura, Kazumasa; Yamana, Takayoshi; Tonogai, Yasuhide (Cent. Insp. Imported Foods Infect. Dis., Kobe Quar. Stn., Kobe 652, Japan). *Shokuhin Eiseigaku Zasshi*, 36(2), 274-82 (Japanese) 1995. CODEN: SKEZAP. ISSN: 0015-6426. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry) Section cross-reference(s): 5

Keywords

rice pesticide detn chromatog mass spectrometry

Index Entries

Chromatography, gas

ion-trap, MS combined with; simultaneous detn. of various pesticides in rice by ion-trap GC/MS(chem. ionization method) anal.

Pesticides

Rice

simultaneous detn. of various pesticides in rice by ion-trap GC/MS(chem. ionization method) anal.

Mass spectrometry

chem.-ionization, GC combined with; simultaneous detn. of various pesticides in rice by ion-trap GC/MS(chem. ionization method) anal.

analysis

17109-49-8

simultaneous detn. of various pesticides in rice

122:131287

Rapid and simultaneous determination of organophosphorus pesticides in agricultural products by FPD-GC.

Sakai, Tohru; Imamura, Tomoko; Sato, Makoto; Ogawa, Masahiko; Shimura, Kyoko; Ohkuma, Kazuyuki; Mori, Yoshinobu; Kurata, Hideo; Ohida, Takashi; et al. (Mie Prefect. Inst. Public Health, Tsu 514, Japan). *Shokuhin Eiseigaku Zasshi*, 35(6), 636-44 (Japanese) 1994. CODEN: SKEZAP. ISSN: 0015-6426. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry) Section cross-reference(s): 5

Keywords

organophosphorus pesticide detn agricultural product GC

chromatog gas organophosphorus pesticide

Index Entries

Chromatography, gas

FDP-; simultaneous detn. of organophosphorus pesticides in agricultural products by FPD-GC

Rice

hulled; simultaneous detn. of organophosphorus pesticides in agricultural products by FPD-GC

Pesticides

organophosphorus; simultaneous detn. of organophosphorus pesticides in agricultural products by FPD-GC

Cabbage

Cucumber

Eggplant

Onion

Orange

Potato

Soybean

Tomato

Vigna angularis

simultaneous detn. of organophosphorus pesticides in agricultural products by FPD-GC

Tea products

leaves, green, simultaneous detn. of organophosphorus pesticides in agricultural products by FPD-GC

557-34-6

simultaneous detn. of organophorus pesticides in agricultural products by FPD-GC with clean up by zinc acetate

75-09-2, uses

simultaneous detn. of organophorus pesticides in agricultural products by FPD-GC with reextn. by dichloromethane

55-38-9

56-38-2

60-51-5

62-73-7

115-90-2

121-75-5

122-14-5

298-00-0

333-41-5

2104-64-5

2310-17-0

2597-03-7

2921-88-2

13194-48-4

13593-03-8

17109-49-8

18708-86-6

18708-87-7

38260-54-7

simultaneous detn. of organophosphorus pesticides in agricultural products by FPD-GC

122:8309

Simple and rapid simultaneous determination of various pesticides of polished rice by gas chromatography.

Hirahara, Yoshichika; Narita, Mikako; Okamoto, Kohichirou; Miyoshi, Tomoko; Miyata, Masahiro; Koiguchi, Satoshi; Hasegawa, Masumi; Kamakura, Kazumasa; Yamana, Takayoshi; Tonogai, Yasuhide (Cent. Insp. Imported Food and Infect. Dis., Kobe Quar. Stn., Kobe 652, Japan). *Shokuhin Eiseigaku Zasshi*, 35(5), 517-24 (Japanese) 1994. CODEN: SKEZAP. ISSN: 0015-6426. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry)

Keywords

rice pesticide detn GC

Index Entries

Chromatography, gas

Pesticides

Rice

Pyrethrins and Pyrethroids

detn. of pesticides in rice by GC

50-29-3, analysis

55-38-9

56-38-2

58-89-9

60-51-5

60-57-1

62-73-7

72-54-8

72-55-9, analysis

17109-49-8

121:299417

Multiresidue Procedures for the Determination of Pesticides in Food Using Capillary Gas Chromatographic, Flame Photometric, and Mass Spectrometric Techniques.

Miyahara, Makoto; Okada, Yutaka; Takeda, Hisashi; Aoki, Gaku; Kobayashi, Akihiko; Saito, Yukio (Division of Foods, National Institute of Health Sciences, Tokyo 158, Japan). *J. Agric. Food Chem.*, 42(12), 2795-802 (English) 1994. CODEN: JAFCAU. ISSN: 0021-8561. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry)

Keywords

organophosphorus pesticide detn food gas chromatog

121:254056

Multiresidue analysis of 48 pesticides in agricultural products by capillary gas chromatography.

Nakamura, Yumiko; Tonogai, Yasuhide; Sekiguchi, Yukihiro; Tsumura, Yukari; Nishida, Nobuyuki; Takakura, Kazunori; Isechi, Mamoru; Yuasa, Kazuo; Nakamura, Munetomo; et al. (Division of Food Chemistry, National Institute of Health Sciences, Osaka 540, Japan). *J. Agric. Food Chem.*, 42(11), 2508-18 (English) 1994. CODEN: JAFCAU. ISSN: 0021-8561. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry) Section cross-reference(s): 5

Keywords

pesticide detn fruit vegetable gas chromatog

Index Entries

Pesticides

Pyrethrins and Pyrethroids

detn. of, in fruit and vegetables by capillary gas chromatog.

Plant analysis

pesticides detn. in multiresidue, by capillary gas chromatog.

Apple

Banana

Cabbage

Carrot

Cucumber

Fruit

Lentinula edodes

Lettuce

Potato

Strawberry

Vegetable

pesticides detn. in, by capillary gas chromatog.

Rice

brown, pesticides detn. in, by capillary gas chromatog.

Chromatography, gas

capillary, of pesticides, multiresidue

50-29-3, analysis

17109-49-8

121:178001

Studies on systematic determination of organophosphorus, carbamate, organochlorine, and pyrethroid pesticides in polished rice by gas chromatography.

Miyata, Masahiro; Kamakura, Kazumasa; Narita, Mikako; Hirahara, Yoshichika; Okamoto, Kouichirou; Hasegawa, Masumi; Koiguchi, Satoshi; Miyoshi, Tomoko; Yamana, Takayoshi; Tonogai, Yasuhide (Cent. Insp. Imported Foods Infect. Dis., Kobe Quar. Stn., Kobe 652, Japan). *Shokuhin Eiseigaku Zasshi*, 35(3), 276-86 (Japanese) 1994. CODEN: SKEZAP. ISSN: 0015-6426. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry) Section cross-reference(s): 5

Keywords

pesticide detn rice gas chromatog

organophosphorus carbamate organochlorine pesticide detn rice

pyrethroid detn polished rice GC

Index Entries

Food contamination

by organophosphorus and carbamate and organochlorine and pyrethroid pesticides, of polished rice. detn. of, by GC

Pyrethrins and Pyrethroids

detn. of, systematic, in polished rice, by GC

Insecticides

Pesticides

detn. of, systematic, organophosphorus and carbamate and organochlorine and pyrethroid, in polished rice, by GC

Chromatography, gas

organophosphorus and carbamate and organochlorine and pyrethroid pesticides systematic detn. in polished rice by

Rice
polished, organophosphorus and carbamate and organochlorine and pyrethroid pesticides systematic detn. in, by GC
analysis
17109-49-8

121:132512

Studies on simultaneous determination of pyrethroid and organophosphorus pesticides and carbamate pesticides in
agricultural products.

Okamoto, Koichiro; Hirahara, Yoshichika; Narida, Mikako; Miyada, Masahiro; Hasegawa, Masumi; Koiguchi, Satoghi;
Kamakura, Kagumasa; Sotomi, Yasahide; Yamana, Tauayoshi (Center Imported Food and Infectious Diseases, Kobe
Quarantine Station, Kobe, Japan). *Shokuhin Eisei Kenkyu*, 44(6), 57-64 (Japanese) 1994. CODEN: SHEKAR. ISSN:
0559-8974. DOCUMENT TYPE: Journal CA Section: 17 (Food and Feed Chemistry)

Keywords

food analysis pyrethroid organophosphorus carbamate pesticide
gas chromatog pesticide food

Index Entries

Pesticides

detn. of, in food, by GC and GC-MS

Food analysis

pesticides detn. in, by GC and GC-MS

Apple

Banana

Cabbage

Carrot

Cucumber

Lentinula edodes

Lettuce

Potato

Strawberry

pyrethroid and organophosphorus and carbamate pesticide detn. in, by GC and GC-MS

Rice

brown, pyrethroid and organophosphorus and carbamate pesticide detn. in, by GC and GC-MS

17109-49-8

118:232437

Sample preparation for simultaneous determination of 9 carbamate and 12 organophosphorus pesticides in agricultural
products.

Tonogai, Yasuhide; Tsumura, Yukari; Nakamura, Yumiko; Ito, Yoshio (Osaka Branch, Natl. Inst. Hyg. Sci., Osaka 540,
Japan). *Shokuhin Eiseigaku Zasshi*, 33(5), 449-57 (Japanese) 1992. CODEN: SKEZAP. ISSN: 0015-6426.
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Keywords

pesticide detn fruit vegetable gas chromatog
carbamate detn fruit vegetable gas chromatog
organophosphate pesticide detn gas chromatog

Index Entries

Food contamination

by pesticides, of lemons and wheat

Banana

Bean

Cabbage

Carrot

Cereal

Fruit

Lemon

Orange

Rice

Soybean

Vegetable

Wheat

carbamate and organophosphorus pesticides detn. in, by gas chromatog.

Pesticides

carbamates and organophosphorus, detn. of, in fruit and vegetables by HPLC

Chromatography, gas

of carbamate and organophosphorus pesticides, sample prepn. for

Cucurbita

pumpkin, carbamate and organophosphorus pesticides detn. in, by gas chromatog. 17109-49-8