



EURL-FV



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Fruits and Vegetables

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**Accurate Mass Pesticide Database by GC-HRMS
(Updated October 2015)**



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Scope

This report shows a database of 138 pesticides by using gas chromatography high resolution mass spectrometry (GC-HRMS).

1. Analytical conditions for the GC-HRMS

Settings for gas chromatography:

- Inlet: splitless mode
- Inlet temperature: 280 °C
- Injection volume: 2 µL
- Constant flow: 1.2 mL/min
- Ionization: Electron impact
- Electron energy 70 eV
- Carrier gas: Helium
- Two online columns: HP-5MSUI (15m x 0.250mm x 0.250µm)
- Oven gradient:

Rate (°C/min)	Time (min)	Hold Time (min)	T (°C)
	60	1	1
40	120	0	2.5
5	310	0	40.5

NOTE

IF YOU NEED THIS DATABASE IN .csv, .xls, ... PLEASE, CONTACT WITH

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2. HRMS Database

Compound name	Molecular formula	Retention Time (min)	Theoretical Mass
Acrinathrin	C13H9O	30.700	181.0653
Acrinathrin F1	C14H11NO	30.700	209.0846
Acrinathrin F2	C11H11F6O2	30.700	289.0663
Ametryn	C9H17N5S	18.469	227.1205
Ametryn F1	C8H14N5S	18.469	212.0970
Ametryn F2	C5H8N5S	18.469	170.0500
Benalaxyl	C10H14N	26.003	148.1126
Benalaxyl F1	C11H14NO	26.003	176.1075
Benalaxyl F2	C12H16NO2	26.003	206.1181
Bifenthrin	C14H13	28.334	181.1017
Bifenthrin F1	C13H10	28.334	166.0783
Bifenthrin F2	C13H9	28.334	165.0704
Biphenyl	C12H10	8.270	154.0782
Biphenyl F1	C12H9	8.270	153.0704
Biphenyl F2	C12H8	8.270	152.0626
Boscalid	C6H3ClNO	33.381	139.9903
Boscalid F1	C5H3ClN	33.381	111.9954
Boscalid F2	C18H12Cl2N2O	33.381	342.0327
Bromopropylate	C7H4BrO	28.123	182.9446
Bromopropylate F1	C13H9Br2O	28.123	338.9020
Bromopropylate F2	C6H4Br	28.123	154.9496
Bromuconazole	C7H3Cl2O	27.921	172.9561
Bromuconazole F1	C10H8BrCl2O	27.921	292.9136
Bromuconazole F2	C7H3Cl[37Cl]O	27.921	174.9531
Bromuconazole II	C7H3Cl2O	28.780	172.9561
Bromuconazole II F1	C10H8BrCl2O	28.780	292.9136
Bromuconazole II F2	C7H3Cl[37Cl]O	28.780	174.9531
Bupirimate	C11H18N3O	24.017	208.1450
Bupirimate F1	C10H17N4O3S	24.017	273.1021
Bupirimate F2	C10H17N4	24.017	193.1448
Buprofezin	C10H11N2O	23.847	175.0871
Buprofezin F1	C8H16N2S	23.847	172.1034
Buprofezin F2	C7H5NO	23.847	119.0371
Butralin	C12H16N3O4	20.648	266.1141
Butralin F1	C9H10N3O4	20.648	224.0671
Butralin F2	C9H10N	20.648	132.0813
Cadusafos	C2H8O2PS2	14.085	158.9703
Cadusafos F1	H3OPS2	14.085	113.9363
Cadusafos F2	C6H14O2PS2	14.085	213.0173


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Captan	CCIS	21.430	78.9409
Captan F1	CCI2S	21.430	113.9098
Captan F2	C8H7NO2	21.430	149.0477
Carbofuran	C10H12O2	15.182	164.0837
Carbofuran F1	C9H9O2	15.182	149.0603
Carbofuran F2	C9H7O	15.182	131.0497
Carbophenothion	C7H6ClS	25.878	156.9879
Carbophenothion F1	C5H12O2PS2	25.878	199.0016
Carbophenothion F2	C11H16ClO2PS3	25.878	341.9739
Chinomethionate	C9H6N2S2	21.921	205.9972
Chinomethionate F1	C10H6N2OS2	21.921	233.9922
Chinomethionate F2	C8H6NS	21.921	148.0221
Chlorfenapyr	C11H9BrN2	24.476	247.9949
Chlorfenapyr F1	C13H7BrClF3N2	24.476	361.9433
Chlorfenapyr F2	C4H5ClFNO	24.476	137.0044
Chlorfenvinphos	C8H6Cl2O4P	21.548	266.93808
Chlorfenvinphos F1	C12H14Cl2O4P	21.548	323.00068
Chlorfenvinphos F2	C10H10Cl2O4P	21.548	294.96938
Chlorobenzilate	C7H4ClO	24.638	138.9951
Chlorobenzilate F1	C13H9OCl2	24.638	251.0030
Chlorobenzilate F2	C6H4Cl	24.638	111.0002
Chlorothalonil	C8Cl4N2	16.710	263.8816
Chlorothalonil F1	C8Cl3[37Cl]N2	16.710	265.8786
Chlorothalonil F2	C8Cl2[37Cl]2N2	16.710	267.8757
Chlorpropham	C6H6ClN	13.335	127.0189
Chlorpropham F1	C7H6NO2Cl	13.335	171.0087
Chlorpropham F2	C10H12NO2Cl	13.335	213.0557
Chlozolinate	C10H7NO3Cl2	21.418	258.9803
Chlozolinate F1	C7H3Cl2NO	21.418	186.9592
Chlozolinate F2	C13H11NO5Cl2	21.418	331.0014
Clorpirifos	C5H2Cl3NO	19.999	196.9202
Clorpirifos F1	C5H3NO3PSCl2	19.999	257.8948
Clorpirifos F2	C9H11NO3PSCl2	19.999	313.9574
Clorpirifos_Me	C7H7NO3PSCl2	18.117	285.9261
Clorpirifos_Me F1	C2H6O2PS	18.117	124.9826
Clorpirifos_Me F2	C5H2Cl3NO	18.117	196.9202
Cyflutrin I	C7H9Cl2	32.780	163.0081
Cyflutrin I F1	C13H8FO	32.780	199.0559
Cyflutrin I F2	C14H9FNO	32.960	226.0668
Cyflutrin II	C7H9Cl2	32.960	163.0081
Cyflutrin II F1	C13H8FO	32.960	199.0559
Cyflutrin II F2	C14H9FNO	32.960	226.0668
Cyflutrin III	C7H9Cl2	33.110	163.0081


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Cyflutrin III F1	C13H8FO	33.110	199.0559
Cyflutrin III F2	C14H9FNO	33.110	226.0668
Cyflutrin IV	C7H9Cl2	33.190	163.0081
Cyflutrin IV F1	C13H8FO	33.190	199.0559
Cyflutrin IV F2	C14H9FNO	33.190	226.0668
Cypermethrin I	C13H9O	33.360	181.0653
Cypermethrin I F1	C7H9Cl2	33.360	163.0081
Cypermethrin I F2	C14H11NO	33.360	209.0841
Cypermethrin II	C13H9O	33.560	181.0653
Cypermethrin II F1	C7H9Cl2	33.560	163.0081
Cypermethrin II F2	C14H11NO	33.560	209.0841
Cypermethrin III	C13H9O	33.700	181.0653
Cypermethrin III F1	C7H9Cl2	33.700	163.0081
Cypermethrin III F2	C14H11NO	33.700	209.0841
Cypermethrin IV	C13H9O	33.780	181.0653
Cypermethrin IV F1	C7H9Cl2	33.780	163.0081
Cypermethrin IV F2	C14H11NO	33.780	209.0841
Deltamethrin	C13H9O	36.538	181.0653
Deltamethrin F1	C14H11NO	36.538	209.0841
Deltamethrin F2	C7H9Br2	36.538	250.9071
Diazinon	C7H9N2O	16.426	137.0715
Diazinon F1	C10H15N2O	16.426	179.1184
Diazinon F2	C8H12N2O	16.426	152.0950
Diclofluanid	C6H5N1S1	19.453	123.0143
Diclofluanid F1	C8H11N2S1	19.453	167.0643
Diclofluanid F2	C7H5N1S1Cl2F	19.453	223.9504
Dicloran	C6H3ClN	14.779	123.9954
Dicloran F1	C6H4N2O2Cl2	14.779	205.9650
Dicloran F2	C6H4N1Cl2	14.779	159.9721
Diclorvos	C2H6O3P1	6.163	109.0055
Diclorvos F1	C4H7O4P1Cl1	6.163	184.9770
Diclorvos F2	C2H7ClO3P	6.163	144.9821
Dicofol	C7H4ClO	26.670	138.9951
Dicofol F1	C13H9Cl2O	26.670	251.0030
Dicofol F2	C6H4Cl	26.670	111.0002
Diphenylamine	C12H11N	12.728	169.08915
Diphenylamine F1	C12H10N	12.728	168.08132
Diphenylamine F2	C6H5	12.728	77.03913
Endosulphan I	C8H4Cl2	22.430	169.9690
Endosulphan I F1	C5Cl5	22.430	234.8443
Endosulphan I F2	C7H2Cl5	22.430	260.8599
Endosulphan II	C8H4Cl2	24.520	169.9690
Endosulphan II F1	C5Cl5	24.520	234.8443


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Endosulphan II F2	C7H5Cl2OS	24.520	206.9438
Endosulphan Sulphate	C5Cl6	26.080	269.8126
Endosulphan Sulphate F1	C5Cl5	26.080	234.8437
Endosulphan Sulphate F2	C9H6Cl5O4S	26.080	384.8429
Endrin	C7H2Cl5	24.170	260.8599
Endrin F1	C11H7Cl4	24.170	278.9302
Endrin F2	C11H6Cl3	24.170	242.9535
EPN	C6H6OPS	28.137	156.9877
EPN F1	C8H10O2P	28.137	169.04184
EPN F2	C6H6O2P	28.137	141.02054
Ethion	C9H22O4P2S4	25.195	383.98762
Ethion F1	C5H12O2PS3	25.195	230.9737
Ethion F2	C2H6O2PS	25.195	124.98261
Ethion F3	C4H10O2PS	25.195	153.01391
Ethofumesate	C10H9O2	19.332	161.0603
Ethofumesate F1	C12H15O3	19.332	207.1021
Ethofumesate F2	C13H18O5S1	19.332	286.0875
Ethoxyquin	C13H16NO	15.027	202.1232
Ethoxyquin F1	C11H12NO	15.027	174.0919
Ethoxyquin F2	C10H10N	15.027	144.0813
Etofenprox	C11H15O	33.938	163.1123
Etofenprox F1	C9H11O	33.938	135.0810
Etofenprox F2	C7H7O	33.938	107.0497
Etoprophos	H2O2PS	13.007	96.9513
Etoprophos F1	C2H7O2PS2	13.007	157.9625
Etoprophos F2	C2H8O2PS	13.007	126.9978
Etrimphos	C7H9N2O2	16.984	153.0664
Etrimphos F1	C9H13N2O2	16.984	181.0977
Etrimphos F2	C10H17N2O4PS	16.984	292.0647
Fenamidone	C15H14N3S	28.625	268.09084
Fenamidone F1	C15H14N2O	28.625	238.11061
Fenamidone F2	C10H12N3S	28.625	206.07519
Fenarimol	C7H4ClO	30.339	138.9951
Fenarimol F1	C5H3N2O	30.339	107.0245
Fenarimol F2	C11H8ClN2O	30.339	219.0325
Fenazaquin	C11H13	28.672	145.10173
Fenazaquin F1	C12H16	28.672	160.1252
Fenazaquin F2	C9H9	28.672	117.07043
Fenitrothion	C9H11NO4PS	19.187	260.0146
Fenitrothion F1	C2H6O2PS	19.187	124.9826


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Fenitrothion F2	C2H6O3P	19.187	109.0055
Fenprothrin	C13H9O	28.510	181.0653
Fenprothrin F1	C16H11NO3	28.510	265.0739
Fenprothrin F2	C12H9O	28.510	169.0653
Fenpropimorph	C7H14NO	19.975	128.10754
Fenpropimorph F1	C20H33NO	19.975	303.25621
Fenthion	C10H15O3PS2	19.910	278.0200
Fenthion F1	C2H6O2PS	19.910	124.9826
Fenthion F2	C8H9S2	19.910	169.0146
Fenvalerate/Efen I	C7H6Cl	35.100	125.0158
Fenvalerate/Efen I F1	C14H11NO2	35.100	225.0790
Fenvalerate/Efen I F2	C13H9O	35.100	181.0653
Fenvalerate/Efen II	C7H6Cl	35.510	125.0158
Fenvalerate/Efen II F1	C14H11NO2	35.510	225.0790
Fenvalerate/Efen II F2	C13H9O	35.510	181.0653
Fipronil	C11H4Cl2F3N4OS	21.650	366.9435
Fipronil F1	C11H4Cl2F3N4S	21.650	350.9486
Fipronil F2	C7H2Cl2F3	21.650	212.9486
Fluazifop_pbutyl	C14H11F3NO2	24.472	282.0742
Fluazifop_pbutyl F1	C12H7F3NO2	24.472	254.0429
Fluazifop_pbutyl F2	C19H20F3NO4	24.472	383.1344
Fludioxonil	C12H6F2N2O2	23.392	248.03973
Fludioxonil F1	C10H6N2	23.392	154.0531
Fludioxonil F2	C8H7FN2O2	23.392	182.04916
Fluopyram	C8H4F3O	21.640	173.0214
Fluopyram F1	C7H4F3	21.640	145.0265
Fluopyram F2	C8H7ClF3N2	21.640	223.0250
Fluquinconazole	C15H13Cl2FN3O	31.940	340.04197
Fluquinconazole F1	C6H3FN	31.940	108.02495
Fluquinconazole F2	C15H6ClFN3O	31.940	298.01834
Flusilazole	C13H11F2Si	23.863	233.05981
Flusilazole F1	C14H10Si	23.863	206.05518
Flusilazole F2	C16H15F2N3Si	23.863	315.10033
Flutolanil	C8H4F3O	23.150	173.0214
Flutolanil F1	C7H4F3	23.150	145.0265
Flutolanil F2	C14H10F3NO2	23.150	281.0664
Folpet	C9H4Cl2NO2S	21.670	259.9340
Folpet F1	C8H4Cl2NO2S	21.670	231.9391
Folpet F2	C8H4NO2S	21.670	177.9963
Formothion	C2H6O2PS	17.291	124.98261


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Formothion F1	C3H7O2PS	17.291	137.99044
Formothion F2	C6H11NO4PS	17.291	224.01464
Hexaconazole	C10 H8 Cl2 O	23.020	213.9952
Hexaconazole F1	C11H13Cl2O	23.020	231.0343
Hexaconazole F2	C7H3Cl2O	23.020	172.9561
Indoxacarb	C8H4F3NO2	36.510	203.01941
Indoxacarb F1	C7H4NO2	36.510	134.0242
Indoxacarb F2	C6H4NO	36.510	106.02929
Iprodione	C12H10Cl2N3O3	27.810	314.0099
Iprodione F1	C7H3Cl2NO	27.810	186.9592
Iprodione F2	C9H6Cl2N2O2	27.810	243.9806
Iprovalicarb I	C9H11	23.701	119.08608
Iprovalicarb I F1	C9H9	23.701	117.07043
Iprovalicarb I F2	C9H9NO	23.701	147.06841
Iprovalicarb II	C9H11	24.071	119.08608
Iprovalicarb II F1	C9H9	24.071	117.07043
Iprovalicarb II F2	C9H9NO	24.071	147.06841
Isofenphos-methyl	C8H8O4P	20.940	199.01602
Isofenphos-methyl F1	C7H5O2	20.940	121.02895
Isofenphos-methyl F2	C11H14O4P	20.940	241.06297
Kresoxim-Methyl	C8H6N	24.070	116.0500
Kresoxim-Methyl F1	C7H5	24.070	89.0391
Kresoxim-Methyl F2	C9H9N	24.070	131.0735
Lambda Cyhalotrin	C13H9O	30.294	181.0653
Lambda Cyhalotrin F1	C14H11NO	30.294	209.0841
Lambda Cyhalotrin F2	C13H10O2	30.294	198.0681
Lindane gamma-HCH	C6H6Cl3	15.580	182.9340
Lindane gamma-HCH F1	C6H5Cl4	15.580	216.9145
Lindane gamma-HCH F2	C6H4Cl2	15.580	145.9690
Malathion	C2H6O2PS	19.655	124.9826
Malathion F1	C6H7O3	19.655	127.0395
Malathion F2	C8H13O4	19.655	173.0814
Metalaxyl	C11H14N	18.650	160.1126
Metalaxyl F1	C12H16NO2	18.650	206.1181
Metalaxyl F2	C9H10N	18.650	132.0813
Metamidophos	CH5NO2P	5.855	94.0058
Metamidophos F1	C2H8NO2PS	5.855	141.0013
Metamidophos F2	CH5NO2PS	5.855	125.9779
Metconazole	C8H13O	28.645	125.09664


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Metconazole F1	C7H12N3	28.645	138.10312
Metconazole F2	C11H9	28.645	141.07043
Methidation	C4H5N2O2S	22.107	145.0072
Methidation F1	C3H5N2O	22.107	85.0402
Methidation F2	C2H6O2PS	22.107	124.9826
Methiocarb	C9H12OS	19.163	168.0609
Methiocarb F1	C8H9OS	19.163	153.0374
Methiocarb F2	C7H9O	19.163	109.0653
Methiocarb sulfone	C8H9O	18.780	121.0653
Methiocarb sulfone F1	C8H9O2	18.780	137.0603
Methiocarb sulfone F2	C9H12O3S	18.780	200.0507
Methoxychlor	C15H15O2	26.730	227.1072
Methoxychlor F1	C14H12O2	26.730	212.0837
Methoxychlor F2	C14H12O	26.730	196.0888
Methoxychlor II	C15H15O2	28.380	227.1072
Methoxychlor II F1	C14H12O2	28.380	212.0837
Methoxychlor II F2	C14H12O	28.380	196.0888
Miclobutanil	C8H6ClN3	23.738	179.0247
Miclobutanil F1	C8H5ClN	23.738	150.0111
Miclobutanil F2	C12H10ClN4	23.738	245.0594
Napropamide	C7H14NO	22.968	128.1075
Napropamide F1	C17H21NO2	22.968	271.1572
Napropamide F2	C12H11O	22.968	171.0810
Nuarimol	C7H4ClO	26.778	138.9951
Nuarimol F1	C13H9ClFO	26.778	235.0326
Nuarimol F2	C11H8FN2O	26.778	203.0621
o,p DDT	C13H9Cl2	25.040	235.0081
o,p DDT F1	C13H9	25.040	165.0704
o,p DDT F2	C14H9Cl	25.040	212.0393
Ortophenylphenol	C12H10O	10.672	170.0732
Ortophenylphenol F1	C11H9	10.672	141.0704
Ortophenylphenol F2	C9H7	10.672	115.0548
Oxadixyl	C9H10N	25.110	132.0813
Oxadixyl F1	C10H13NO	25.110	163.0997
Oxadixyl F2	C8H10N	25.110	120.0813
p,p DDE	C14H8Cl2	23.420	246.0003
p,p DDE F1	C14H8Cl4	23.420	315.9380
p,p DDE F2	C14H8	23.420	176.0626
p,p DDT	C13H9Cl2	26.260	235.0081
p,p DDT F1	C13H9	26.260	165.0704
p,p DDT F2	C14H9Cl	26.260	212.0393


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Paraoxon Methyl	C2H6PO3	16.510	109.0055
Paraoxon Methyl F1	C8H9NO5P	16.510	230.0218
Paraoxon Methyl F2	C8H10NO6P	16.510	247.0246
Parathion	C6H5NO3	20.014	139.0269
Parathion F1	C8H10NO5PS	20.014	263.0017
Parathion F2	C6H6NO5PS	20.014	234.9704
Parathion Methyl	C2H6O2PS	18.100	124.9826
Parathion Methyl F1	C2H6O3P	18.100	109.0055
Parathion Methyl F2	C8H10NO5PS	18.100	263.0017
Pebulate	C7H14NO	9.612	128.1075
Pebulate F1	C7H15NOS	9.612	161.0874
Pebulate F2	C6H14NS	9.612	132.0847
Penconazole	C7H5Cl2	21.225	158.9768
Penconazole F1	C13H15ClN3	21.225	248.0955
Penconazole F2	C8H5Cl2N3	21.225	212.9855
Pencycuron	C7H6Cl	14.432	125.0158
Pencycuron F1	C10H11ClN	14.432	180.0580
Pencycuron F2	C9H9ClN	14.432	166.0424
Pendimethalin	C11H14N3O4	21.190	252.0984
Pendimethalin F1	C9H10N2O	21.190	162.0793
Pendimethalin F2	C9H9N3O2	21.190	191.0695
Permethrin I	C13H11O	31.619	183.0810
Permethrin I F1	C7H9Cl2	31.619	163.0081
Permethrin I F2	C7H8Cl	31.619	127.0315
Permethrin II	C13H11O	31.871	183.0810
Permethrin II F1	C7H9Cl2	31.871	163.0081
Permethrin II F2	C7H8Cl	31.871	127.0315
Phenothrin I	C9H15	29.043	123.1174
Phenothrin I F1	C13H11O	29.043	183.0810
Phenothrin I F2	C12H8O	29.043	168.0575
Phenothrin II	C9H15	29.252	123.1174
Phenothrin II F1	C13H11O	29.252	183.0810
Phenothrin II F2	C12H8O	29.252	168.0575
Phenthoate	C7H5S	21.663	121.0112
Phenthoate F1	C10H11O3PS2	21.663	273.98872
Phenthoate F2	C2H6O2PS	21.663	124.98261
Phosmet	C9H6NO2	27.980	160.0399
Phosmet F1	C8H5O2	27.980	133.0290
Phosmet F2	C3H7NOP	27.980	104.0265
Picolinafen	C12H7F3NO	28.295	238.0480
Picolinafen F1	C19H12F4N2O2	28.295	376.0835
Picolinafen F2	C7H4F3	28.295	145.0265
Pirimicarb	C8H12N3O	17.387	166.0980


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Pirimicarb F1	C11H18N4O2	17.387	238.1430
Pirimicarb F2	C7H9N2O	17.387	137.0715
Pirimiphos Me	C10H17N3O3PS	19.314	290.0728
Pirimiphos Me F1	C9H15N3O3PS	19.314	276.0572
Pirimiphos Me F2	C11H20N3O3PS	19.314	305.0963
Prochloraz	C9H14N3O	32.088	180.1137
Prochloraz F1	C12H13Cl3NO2	32.088	308.0012
Prochloraz F2	C9H7Cl3NO2	32.088	265.9542
Procymidone	C13H11Cl2NO2	21.850	283.0167
Procymidone F1	C12H11Cl2NO	21.850	255.0218
Profenophos	C11H15BrO3PS	23.316	336.9663
Profenophos F1	C6H4BrClO	23.316	205.9134
Profenophos F2	C10H3BrClS	23.316	268.8827
Prometon	C6H10N5O	15.163	168.0885
Prometon F1	C9H16N5O	15.163	210.1355
Prometon F2	C7H13N5O	15.163	183.1120
Prometryn	C6H10N5S	18.627	184.0657
Prometryn F1	C10H19N5S	18.627	241.1356
Prometryn F2	C9H16N5S	18.627	226.1126
Propazine	C8H13ClN5	15.496	214.0859
Propazine F1	C5H7ClN5	15.496	172.0390
Propazine F2	C9H16ClN5	15.496	229.1094
Propoxur	C6H6O2	12.580	110.0368
Propoxur F1	C9H12O2	12.580	152.0837
Propoxur F2	C5H5O	12.580	81.0340
Prosulfocarb	C7H14NO	18.791	128.1075
Prosulfocarb F1	C14H21NOS	18.791	251.1344
Prosulfocarb F2	C7H14NOS	18.791	160.0796
Prothiophos	C11H15ClO2PS2	23.204	308.9940
Prothiophos F1	C8H9ClO2PS2	23.204	266.9470
Prothiophos F2	C6H4Cl2O	23.204	161.9639
Pyridaben	C11H15	31.787	147.11738
Pyridaben F1	C9H9	31.787	117.07043
Pyridaben F2	C10H13	31.787	133.10173
Pyrimethanil	C12H12N3	16.167	198.1031
Pyrimethanil F1	C11[13C]H12N3	16.167	199.1065
Pyrimethanil F2	C7H13	16.167	97.1017
Pyrimethanil F3	C11H9N3	16.167	183.0796
Pyriproxifen	C8H10NO	29.624	136.0762
Pyriproxifen F1	C15H14O2	29.624	226.0994
Pyriproxifen F2	C12H10O2	29.624	186.0681
Quinalphos	C8H6N2O	21.608	146.0480
Quinalphos F1	C10H9N2	21.608	157.0766

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Quinalphos F2	C7H6N2	21.608	118.0531
Quinoxifen	C15H8FNO	26.039	237.05899
Quinoxifen F1	C15H8ClFNO	26.039	272.02784
Quinoxifen F2	C15H8Cl2FNO	26.039	306.9967
Secbumeton	C8H14N5O	16.625	196.1198
Secbumeton F1	C6H11N5O	16.625	169.0964
Secbumeton F2	C9H16N5O	16.625	210.1355
Spirodiclofen	C15H12ClO2	31.545	259.05258
Spirodiclofen F1	C7H3Cl2	31.545	156.96118
Spirodiclofen F2	C15H14Cl2O3	31.545	312.032
Spiromesifen	C17H20O3	27.755	272.14124
Spiromesifen F1	C17H18O2	27.755	254.13069
Spiromesifen F2	C14H15O3	27.755	231.10212
Tau-Fluvalinate I	C11H12ClF3N	35.510	250.0610
Tau-Fluvalinate I F1	C13H9O	35.510	181.0653
Tau-Fluvalinate I F2	C12H9O	35.510	169.0653
Tau-Fluvalinate II	C11H12ClF3N	35.640	250.0610
Tau-Fluvalinate II F1	C13H9O	35.640	181.0653
Tau-Fluvalinate II F2	C12H9O	35.640	169.0653
Tebuconazole	C7H6Cl	26.762	125.0158
Tebuconazole F1	C12H13ClN3O	26.762	250.0747
Tebuconazole F2	C10H8Cl	26.762	163.0315
Tebufenpyrad	C7H8ClN2O	28.644	171.0325
Tebufenpyrad F1	C17H21ClN3O	28.644	318.1373
Tebufenpyrad F2	C14H15ClN3O	28.644	276.0904
Tecnazene	C5HCl4	12.430	200.8832
Tecnazene F1	C6HCl4	12.430	212.8832
Tecnazene F2	C6HCl4NO2	12.430	258.8761
Tefluthrin	C8H5F4	16.880	177.0327
Tefluthrin F1	C8H9ClF3	16.880	197.0345
Tefluthrin F2	C8H7F2	16.880	141.0510
Terbumeton	C6H11N5O	15.536	169.0964
Terbumeton F1	C9H16N5O	15.536	210.1355
Terbumeton F1	C5H8N5O	15.536	154.0729
Terbutylazine	C8H13ClN5	15.880	214.0859
Terbutylazine F1	C5H8ClN5	15.880	173.0468
Terbutylazine F2	C5H8N5	15.880	138.0780
Terbutryn	C6H11N5S	19.096	185.0735
Terbutryn F1	C9H16N5S	19.096	226.1126
Terbutryn F2	C5H8N5S	19.096	170.0500
Tetraconazole	C13H11ClF4N3O	20.372	336.0527
Tetraconazole F1	C8H5Cl2	20.372	170.9768
Tetraconazole F2	C11H8ClF4O	20.372	267.0200

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Tetradifon	C6H4ClOS	29.042	158.9671
Tetradifon F1	C6H2Cl3OS	29.042	226.8892
Tetradifon F2	C12H6Cl4O2S	29.042	353.8843
Tetramethrin I	C9H10NO2	28.040	164.0712
Tetramethrin I F1	C9H15	28.040	123.1174
Tetramethrin I F2	C7H7O	28.040	107.0497
Tetramethrin II	C9H10NO2	28.290	164.0712
Tetramethrin II F1	C9H15	28.290	123.1174
Tetramethrin II F2	C7H7O	28.290	107.0497
Tolclofos Methyl	C9H11ClO3PS	18.281	264.9850
Tolclofos Methyl F1	C2H6O2PS	18.281	124.9821
Tolclofos Methyl F2	C8H8ClO3PS	18.281	249.9620
Tolyfluanide	C7H7NS	21.389	137.0299
Tolyfluanide F1	C8H7Cl2FNS	21.389	237.9660
Tolyfluanide F2	C9H13N2S	21.389	181.0799
TPP	C18H14O4P	27.052	325.0630
TPP F1	C12H8O2P	27.052	215.0262
TPP F2	C12H10O3P	27.052	233.0368
Triadimefon	C9H7ClN3O	20.119	208.0278
Triadimefon F1	C8H6ClN2O	20.119	181.0169
Triadimefon F2	C6H5ClO	20.119	128.0029
Trifluralin	C8H5F3N3O4	13.947	264.0232
Trifluralin F1	C11H11F3N3O4	13.947	306.0702
Trifluralin F2	C13H6F2O3	13.947	248.0285
Vinclozolin	C10H8Cl2N	18.127	212.0034
Vinclozolin F1	C7H3Cl2NO	18.127	186.9592
Vinclozolin F2	C12H9Cl2NO3	18.127	284.9959