

Table S1. Multiresidual list of pesticides assessed in pine nut skin (PNS) by GC-MS/MS (list 1) and LC-MS/MS (list 2)

LIST 1

Acephate	Aclonifen	Acrinathrin	Alachlor
Ametryn	Amitraz	Atrazine	Azinphos ethyl
Azinphos methyl	Azoxystrobin	Benalaxyl	Benfluralin
Benfuracarb	Bifenthrin	Bitertanol	Boscalid
Bromopropylate	Bromuconazole (sum of diastereoisomer)	Bupirimate	Buprofezin
Cadusafos	Captafol	Captan	Carbaryl
Carbofuran	Carbophenothion	Carbosulfan	Chlorfenapyr
Chlorfevinphos	Chlormefos	Chlorothalonil	Chlorpropham
Chlorpyrifos ethyl	Chlorpyrifos methyl	Chlorthal dimetil	Chlozolate
Chlordane	Cypermethrin (sum of isomers)	Cyproconazole	Cyprodinil
Cyflutrin (sum of isomers)	Deltamethrin	Diazinon	Dichlobenil
DDT (sum of p,p' DDT, o,p' DDT, p,p' DDE, and p,p' TDE (DDD) expressed as DDT)	Dichloran.	Dichlorvos	Diclobutrazol
Dichiofluania	Dieldrin (sum of Aldrin and Dieldrin expressed as Delrin)	Difenoconazole	Dimethoate (sum of Dimethoate and Omethoate expressed as Dimethoate)
Dicofol	Disulfoton	Endosulfan-sulfate (sum of isomer a,b, e sulfate expressed as Endosulfan)	Diquat
Diphenylamine	Ethiofencarb	Ethion	Endrin
Esfenvalerate	Etofenprox	Exithiazox	Ethoprophos
Ethoxyguine	Fenamiphos	Fenarimol	Famoxadone
Fenamidone	Fenchlorphos	Fenhexamid	Fenazaquin
Fenbuconazole	Fenpropathrin	Fenpropidin	Fenitrothion
Fenoxycarb	Fipronil	Fluazifop P.butile	Fenthion
Fenvalerate	Flusilazole	Fluvalinate	Flucytrinate
Fludioxonl	Furathiocarb	Heptachlor (sum of Heptachlor and Heptachlor epoxide expressed as Heptachlor)	Folpet
Furalaxit	HCH-a	HCH	Heptenophos
Hexachlorobenzene	haloxyfop methyl	Indoxacarb (sum of Indoxacarb and its enantiomer R)	Gamma - hexachlorohexane (lindane)
Hexaconazole	Imazall	Kresoxim-methyl	Iprodione
Iprovalicarb	Isophenphos	Malathion	Lambda-Cyhalothrin
Lenacil	Linuron	Methidathion	Mepanipyrim
Metalaxyl (sum of isomers including Metalaxyl-m)	Methamidophos	Methoxiclor	Methiocarb
Metholachlor	Methomyl	Oxadixyl	Metribuzin
Myclobutanil	Nuarimol	Parathion ethyl	Oxamyl
Oxyfluorfen	Paclobutrazolo	Permethrin (sum of isomers)	Parathion methyl
Penconazole	Pendimetalin	Phosmet	Pertane
Phorate	Phosalone	Procymidone	Phosphamidon
Pirimicarb	Prochloraz	Propargite	Profenophos
Propachior	Propoxur	Propyzamide	Propham
Propiconazole	Pyrethrins (technical mixture)	Pyridaben	Pyraclostrobin
Pyrazofos	Pyrimethanil	Pyriproxyfen	Pyridaphenthion
Pyrifeno	Quintozone	Quizalofop ethyl	Quinalfos
Quinoxifen	Spiromesifen	Sulfotep	Simazine
Symetryn	Tecnazen	Tefluthrin	Tebuconazole
Tebutenpyrad	Tetraconazole	Tetradifon	Terbutryn
Tetrachlorvinphos	Tolclofos methyl	Tolyfluanid	Tetramethrin
Thionazin	Trichlorfon	Trifloxystrobin	Triadimefon e Triadimenol (sum of Triadimefon and Triadimenol)
Triazophos	Zoxamide		Trifluralin
Vinclozolin			

LIST 2

2,4-D (sum of 2,4-D, its salts, esters, and conjugates expressed as 2,4-D)	Abamectin	Acephate	Acetamidiprid
Aldicarb (sum of Aldicarb, Aldicarb- sulfone, and Aldicarb- sulfoxide expressed as Aldicarb)	Ametoctradin	Atrazine	Azadirachtin
Azoxystrobin	Benthiocarb	Bifenazato (sum of bifenazato and bifenazato- diazene expressed as bifenazato)	Boscalid
Brodifacoum	Bromadiolone	Bromuconazole (sum of Diastereoisomeri)	Butoxycarboxim
Buturon	Carbaryl	Carbendazim (sum of Benomil and Carbendazim expressed as Carbendazim)	Carbofuran (sum of Carbofuran and 3-Hydroxycarbofuran expressed as Carbofuran)
Chlorantraniliprole	Dodine	Chlorotoluron	Chlorsulfuron
Chlothianidin	Etiofencarb	Clofentezine	Cyanophenfos
Cyantraniliprole	Fenazaquin	Cycloxydim	Cyflufenamid
Cymoxanil	Fenoxycarb	Demeton S-methyl sulphone	Diflufenican
Diethofencarb	Fenuron	Biflubenzuron	Ditalimfos
Dimethomorph	Fluometuron	Dioxacarb	Emamectina benzoato (Emamectina B1A expressed as Emamectina)
Diuron	Flutriafol	Ema B1B	Etoxazole
Epoxiconazole	Furathiocarb	Ethofenprox	Fenbutatin oxide
Famoxadone	Imazamox	Fenbuconazole	Fenpyrazamine
Fenhexamid	Isocarbophos	Fenpropimorph	Flonicamid (sum of Flonicamid, TFNA, and TFNG)
Fenpyroximate	Linuron	Fipronil (sum of Fipronil)	
Flufenoxuron			

Flupyradifurone	Mepronil	and Sulfone metabolite	expressed as Flonicamid)
Fosthiazate	Metamitron	expressed as Fipronil)	Fluopyram Formetanate
Imazalil	Metholachlor, S-	Fluopicolide	Hexythiazox
Iprovalicarb	Metoxuron	Fluxapyroxad	Indoxacarb (sum of
Isopyrazam	Monolinuron	Hexaflumuron	indoxacarb and its
Mepanipyrim	Oxadiazon	Imidacloprid	enantiomer R)
Metalaxyl-m Methiocarb	Oxydemethon methyl	Isofenphos-methyl	Isoproturon
(sum of Methiocarb,	Pirimiphos-ethyl	Lufenuron Metaflumizone	Mandipropamid
Methiocarb- sulfone,	Propamocarb (sum of	Metazachlor	Metalaxyl (sum of
Methiocarb-sulfoxide	Propamocarb e its	Methomyl (sum of Methomyl	isomers including
expressed as	salts expressed as	and Thiodicarb expressed	Metalaxyl-m)
Methiocarb)	Propamocarb)	as Methomyl)	Methamidophos
Metobromuron	Pymetrozine	Metrafenone	Methoxyfenozide
Milbemectina A4	Rotenone	Monuron	Milbemectina A3
Nitenpyran	Spinosad (sum of	Oxadixyl	Neburon
Oxamyl-oxime	Spinosyn-a,	Penthiopyrad	Oxamyl
Pirimicarb	Spinosyn-d expressed	Pirimiphos-methyl	Phenmedipham
Prometrin	as Spinosad)	Propargite	Promecarb
Prosulfocarb	Spiroxamine	Pyraclostrobin	Propoxur
Pyriproxyfen	Teflubenzuron	Simazine	Pyraflufen-ethyl
Spinetoram	Thiobencarb	Spirodiclofen	Milbemectina (sum of
(Spirotetramat and its	Tridemorph	Sulfoxaflor (sum of isomers)	Milbemectina A4
4 metabolites expressed	(Aquatecide) 2-4 Na	Thiabendazole	and Milbemectina A3
as Spirotetramat)	diclorophenoxyacetate	Thiocyclam	expressed as Milbemectina
Tebuufenpyrad	Tiguron	Triflumuron	Spiromesifen
Thiametoxam			Tebuufenozide
Tolclofos methyl			Thiacloprid
Zoxamide			Thiophanate methyl
			Triforine