Supplementary Material: Simultaneous determination of glyphosate and 13 multiclass pesticides in agricultural soil by direct-immersion SPME followed by solid-liquid extraction

João Brinco[1], Paula Guedes[1], Marco Gomes da Silva[2], Eduardo P. Mateus[1] and Alexandra B. Ribeiro[1]

Table S1. Multiple-Reaction Monitoring transitions for MS/MS experiments performed at 100 milliseconds scan time.

Analyte	Retention Time (min)	Quantifier			Qualifier		
		Parent (m/z)	Daughter (m/z)	Collision Energy (eV)	Parent (m/z)	Daughter (m/z)	Collision Energy (eV)
AMPA	7.57	246	99	10	126	69	16
glyphosate 1,2-13C2 15N	10.2	414	161	20	240	113	5
glyphosate	10.2	411	161	20	238	113	7
MCPA	15.05	282	141	12	141	77	11
2,4-D	16.39	175	109	24	161	133	10
pentachloroanisole	19.19	265	237	12	267	239	10
Lindane	20.2	181	145	10	219	183	5
terbuthylazine	20.8	173	138	10	229	138	20
tefluthrin	21.8	177	127	12	197	161	5
metalaxyl	23.4	132	117	18	234	146	14
prosulfocarb	23.8	128	43	5	128	41	10
aldrin	24.3	298	263	11	263	193	26
metolachlor	24.4	238	162	10	162	133	13
malathion	24.45	173	99	13	127	99	6
chlorpyrifos	24.57	314	258	12	197	169	14
tetraconazole	25.17	336	218	13	336	156	25
metazachlor	25.8	209	132	16	209	117	30
penconazole-d7	25.92	255	158	18	255	103	38
penconazole	26.02	248	157	30	159	89	33
buprofezin	28.62	172	57	14	249	193	10
tebuconazole	31.67	125	89	22	250	125	24
diflufenican	32.03	394	266	20	266	238	20
epoxiconazole	32.19	192	111	26	192	138	11
boscalid	36.66	342	140	20	140	112	12