

Table S1. Identification of polyphenolic compounds in apple pomace using LC-MS Q TOF

Group of compounds	Name	Rt (min)	λ_{max} [nm]	MS [H-M]-	MS/MS fragments (m/z)
Flavonols	quercetin- <i>O</i> -rutinoside	6.85	350	609	301
	quercetin -3- <i>O</i> -galactoside	7.02	355	463	301
	quercetin -3- <i>O</i> -glucoside	7.13	350	463	301
	quercetin -3- <i>O</i> -arabinoside	7.43	355	433	301
	quercetin -3- <i>O</i> -xyloside	7.75	350	433	301
	quercetin -3- <i>O</i> -rhamnoside	7.90	345	447	301
	isorhamnetin-3- <i>O</i> -galactoside	8.59	350	477	315
	isorhamnetin-3- <i>O</i> -glucoside	8.82	350	477	315
Phenolic acids	chlorogenic acid	4.37	323	353	191
	cryptochlorogenic acid	4.53	320	353	191
	<i>p</i> -coumaroylquinic acid	5.35	314	337	191
Flavan-3-ols	(+) catechin	4.27	280	289	245
	procyanidin B2	4.94	275	577	289
	(-)epicatechin	5.26	280	289	245
Dihydrochalcones	phloretin-2- <i>O</i> -xylosylglucoside	7.60	285	567	273
	phloretin 2- <i>O</i> -glucoside (phloridzin)	8.50	285	435	273

Table S2. Identification of polyphenolic compounds in gluten-free cookies with apple pomace using LC-MS Q TOF

Compounds	Rt (min)	λ_{max} [nm]	MS [H-M]-	MS/MS fragments (m/z)
Flavonols				
isorhamnetin-3- <i>O</i> -galactoside	8.59	350	477	315
isorhamnetin-3- <i>O</i> -glucoside	8.82	350	477	315
quercetin- <i>O</i> -rutinoside	6.85	350	609	301
quercetin -3- <i>O</i> -galactoside	7.02	355	463	301
quercetin -3- <i>O</i> -glucoside	7.13	350	463	301
quercetin -3- <i>O</i> -arabinoside	7.43	355	433	301
quercetin -3- <i>O</i> -xyloside	7.75	350	433	301
quercetin -3- <i>O</i> -rhamnoside	7.90	345	447	301
luteolin 6- <i>C</i> -hexoside- <i>O</i> -hexoside	4.12	340	609	285
luteolin <i>O</i> -hexoside- <i>C</i> -hexoside	6.59	340	609	285
Phenolic acids				
chlorogenic acid	4.37	323	353	191
cryptochlorogenic acid	4.53	320	353	191
caffeoylquinic acid	5.01	320	353	191

<i>p</i> -coumaroylquinic acid	5.35	314	337	191
caffeoyl-dihydroxyphenyllactoyl-tartaric acid	5.37	320	491	175
2- <i>O-p</i> -coumaroylglycerol	5.65	314	337	191
1- <i>O-p</i> -coumaroylglycerol	6.00	314	237	145
<i>p</i> -coumaroylspermidin	6.12	314	237	145
di- <i>p</i> -coumaroylspermidin	6.20	314	290	119
Ferullyquinic acid	6.46	325	436	290
Flavan-3-ols				
(+) catechin	4.27	280	289	245
procyanidin B2	4.94	275	577	289
(-)epicatechin	5.26	280	289	245
Dihydrochalcones				
phloretin-2- <i>O</i> -xylosylglucoside	7.60	285	567	273
phloretin 2- <i>O</i> -glucoside (phloridzin)	8.50	285	435	273
