

**Table S2** UHPLC-HR-ESI-MS/MS data of constituents from albedo detected in sourdough bread + purple potatoes + albedo (SB+PA) and baker's yeast bread + purple potatoes + albedo (YB+PA).

Peak*	Compound	<i>t<sub>R</sub></i> (min)	HR- [M-H] <sup>-</sup> ( <i>m/z</i> )	Negative Product Ions ( <i>m/z</i> )**	Error (ppm)
	<b>Flavone C-glucosides</b>				
14	vicenin-2 (apigenin 6,8-di-C-glucoside)	7.2	593.1517	503.12, 473.11, 383.08, <b>353.07</b>	+1.01
	<b>Flavone O-glycosides</b>				
16	Apigenin 7-O- rutinoside/neohesperidoside	11.2	577.1567	413.01, <b>269.05</b>	+0.87
	<b>Flavanone O-glycosides</b>				
15	Eriocitrin (eriodictyol 7-O- rutinoside)	10.0	595.1671	459.11, 287.06, <b>151.00</b> , 135.04	+0.50
17	Naringin (naringenin 7-O- neohesperidoside)	11.5	579.1721	459.12, 271.06, <b>151.00</b>	+0.34
18	Neohesperidin (hesperetin 7- O-neohesperidoside)	12.6	609.1825	489.14, <b>301.07</b> , 286.05	+0.16
	<b>3-Hydroxy-3 methyl-glutaryl flavanone O-glycosides</b>				
19	Melitidin	13.2	723.2146	661.21, 621.18, 579.17, 459.12, 271.06, <b>151.00</b>	+0.69
20	Brutieridin	14.0	753.2249	691.22, 651.19, 609.18, <b>301.07</b>	+0.27

\*Peak numbers correspond with those in Figure 3. \*\* The base ion peaks generated in the ESI-MS/MS experiments are shown in bold.