

Figure S1: Chromatogram of phenolics at 530 nm wavelength.

Table S1: Individual phenolics identification at 530 nm.

Peak No.	Phenolic compound	Rt (min)	[M – H] [–]	MS ² (m/z)	Ref.
1	cyanidin-3-glucoside	11.2	449	287	1
2	pelargonidin-3-glucoside	12.1	433	271	1
3	pelargonidin-3-malonylglucoside	12.8	475	271	1
4	pelargonidin-3-rutinoside	16.8	579	433, 271	1

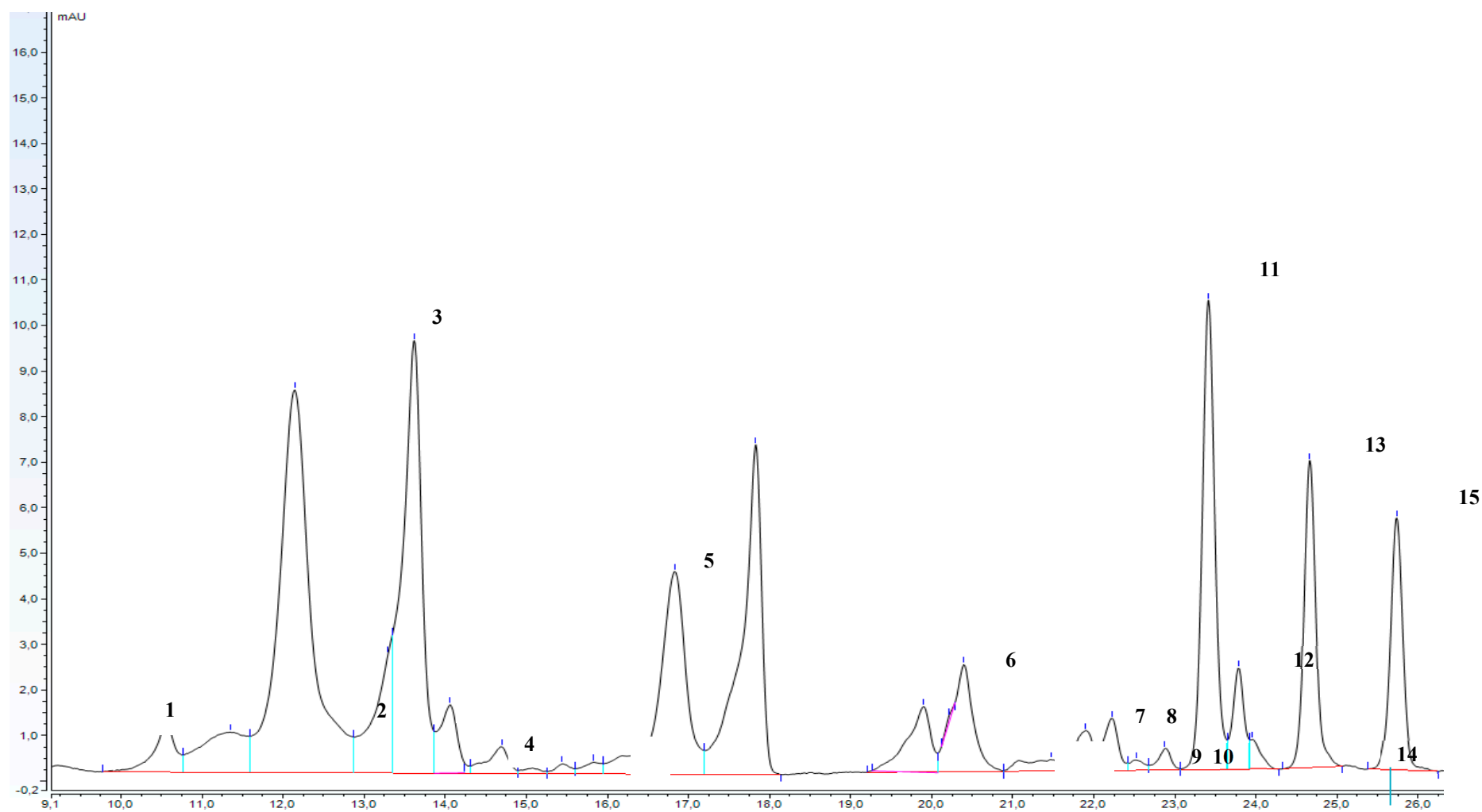


Figure S2: Chromatograph of phenolics at 350 nm wavelength.

Table S2: Individual phenolics identification at 350 nm.

Peak No.	Phenolic compound	Rt (min)	[M – H] [–]	MS ² (<i>m/z</i>)	Ref.
1	caffeoylhexose	10.4	341	179, 161	2
2	catechin	13.1	289	245	1
3	<i>p</i> -coumaroylhexose	13.6	325	265, 187, 163, 145	2
4	apigenin rhamnoside	14.7	577	357, 311, 293	3
5	caffeic acid derivate	16.8	499	341, 323, 281, 175	4
6	ellagic acid deoxyhexoside	20.2	447	301	1
7	ellagic acid	21.8	301	257, 229, 185	1
8	cinnamic acid-3-acetylhexoside	22.2	351	213, 191, 190, 189, 171	5
9	kaempferol-3-coumaroyl glucoside	22.4	593	285	1
10	quercetin-3- glucuronide	22.8	477	301	1
11	kaempferol-3-glucoside	23.3	447	285	2
12	quercetin-3-malonyl glucoside	23.8	550	573, 551, 465, 303	6
13	kaempferol-3-glucuronide	24.5	461	285	1
14	isorhamnetin-3-glucuronide	24.8	491	315	7
15	kaempferol-3-acetyl glucoside	25.8	489	285	1

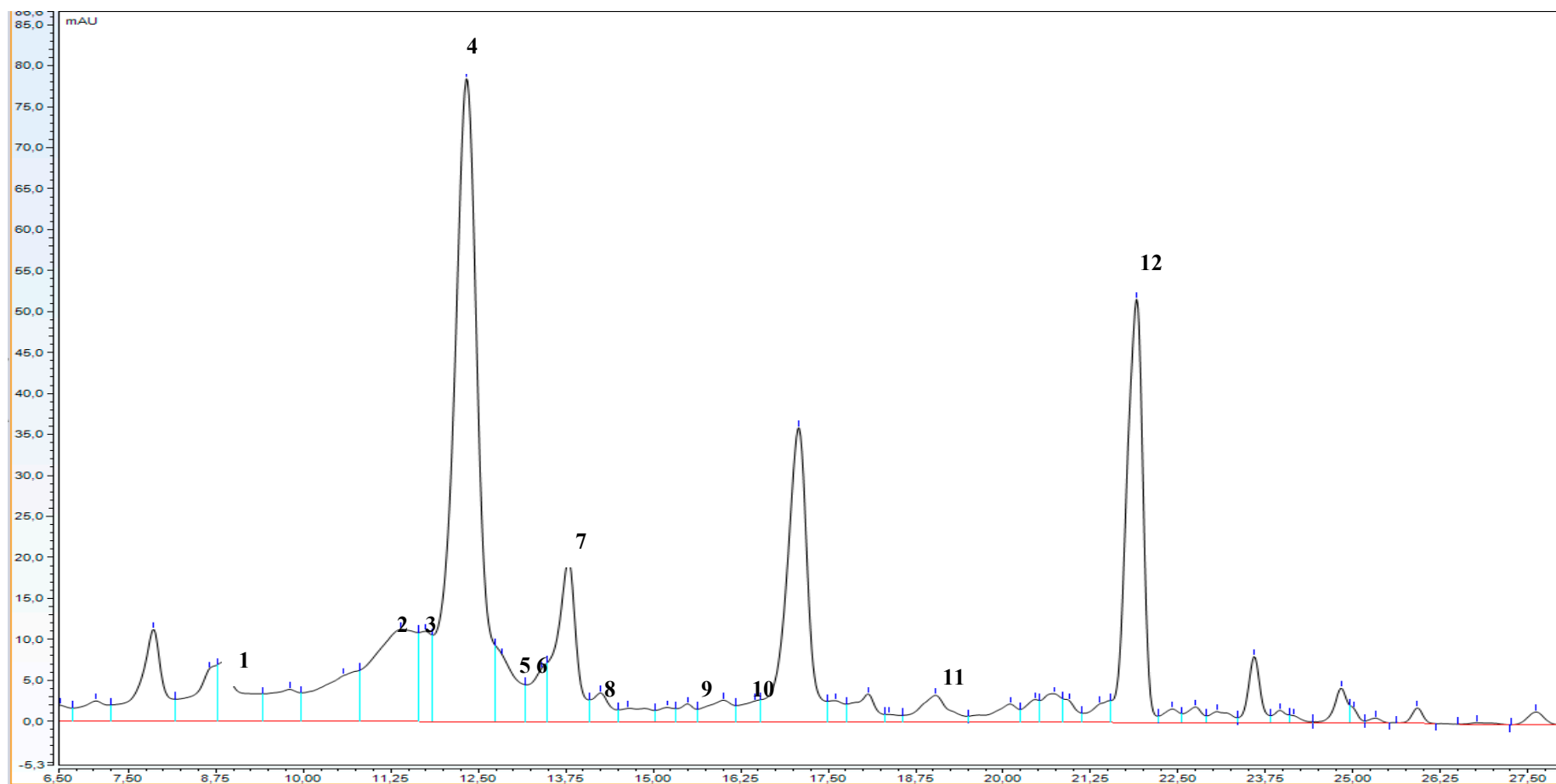


Figure S3: Chromatogram of phenolics at 280 nm wavelength.

Table S3: Individual phenolics identification at 280 nm.

Peak No.	Phenolic compound	Rt (min)	[M – H] [–]	MS ² (m/z)	Ref.
1	bis- HHDP - glucose	8.8	783	301, 275	4
2	bis- HHDP - hexose	11.3	783	481, 301	1
3	procyanidin dimer 1	11.4	577	425, 407, 289	1
4	ferulic acid hexose derivate	12.0	449	431, 355, 329, 287, 269, 193	2
5	procyanidin dimer 2	12.8	577	425, 407, 289	1
6	procyanidin trimer	13.0	865	577, 425, 407	1
7	<i>p</i> -coumaroyl hexoside 1	13.7	609	307	8
8	<i>p</i> -coumaroyl hexoside 2	13.8	609	307	8
9	propelargonidin dimer	16.1	561	425, 409	9
10	epicatechin	16.3	289	245	1
11	<i>p</i> -coumaroyl hexoside 3	18.8	609	307	8
12	cinnamic acid-hexoside	21.4	355	310, 309, 207, 147	3

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