

Table S8. Abundancy of tentatively identified metabolites in thinned peach PLE extracts*.

Retention time (min)	Metabolite name	FD	ND	HAD50	HAD70	HAD90
0.811	3- <i>O</i> -coumaroylquinic acid	26959±5146 ^b	8904±451 ^c	44069±7761 ^a	21187±2638 ^{bc}	13668±5780 ^{bc}
1.780	4- <i>O</i> -caffeoylquinic acid	58510±3060 ^a	2837±321 ^c	6586±1535 ^{bc}	4352±529 ^c	8625±697 ^b
2.258	4- <i>O-p</i> -coumaroylquinic acid	7671±345 ^a	229±87 ^c	780±281 ^c	717±92 ^c	1968±193 ^b
1.072	5- <i>O</i> -feruloylquinic acid	6921±532 ^{bc}	3732±105 ^c	12588±3130 ^a	8922±81 ^{ab}	5958±517 ^{bc}
1.018	Chlorogenic acid	314649±12238 ^a	31346±3796 ^c	117777±39287 ^b	29635±913 ^c	27709±1671 ^c
0.238	Inositol 4-phosphate	6824±538 ^b	20581±1150 ^a	18410±1853 ^a	18143±248 ^a	18204±1274 ^a
0.572	Neochlorogenic acid	329205±23342 ^a	109394±9371 ^b	390871±63998 ^a	134957±3686 ^b	71992±4910 ^b
0.259	Quinic acid	565570±36717 ^a	455670±56509 ^{ab}	558890±57379 ^a	565188±35516 ^a	426868±38371 ^b
1.214	<i>Alpha hydroxy acid 1</i>	1912±257 ^c	4136±139 ^a	3547±444 ^{ab}	4125±266 ^a	3267±322 ^b
0.487	(2S)-2-(carbamoylamino)-4-(methylsulfanyl)butanoic acid	839±71 ^b	313±104 ^c	330±126 ^c	342±178 ^c	1352±163 ^a
0.415	3-Hydroxy- <i>L</i> -tyrosine	734±67 ^{bc}	536±64 ^{cd}	324±66 ^d	881±154 ^b	2223±159 ^a
0.996	Acetyl-leucine	212±112 ^c	8327±376 ^a	5961±1105 ^b	8551±507 ^a	5704±796 ^b
1.575	N-acetylphenylalanine	2896±226 ^a	1498±281 ^b	1252±298 ^b	1429±68 ^b	1429±88 ^b
4.260	3-Dimethylallyl-4-hydroxybenzoic acid	360±35 ^c	1096±88 ^b	287±33 ^c	1432±252 ^{ab}	1443±86 ^a
1.851	Benzoylmalic acid	620±145 ^c	25107±1002 ^a	14279±4151 ^b	14273±385 ^b	10896±641 ^b
0.279	Malate	271233±34343 ^a	189338±20589 ^b	154183±7145 ^b	195101±15045 ^b	183379±14156 ^b
0.631	<i>Carbohydrate 1</i>	263±64 ^b	1545±101 ^a	1544±150 ^a	223±43 ^b	341±31 ^b
0.328	<i>Carbohydrate 2</i>	894±83 ^b	427±95 ^c	408±105 ^c	994±78 ^b	2160±253 ^a
0.252	D-gluconic acid	21810±1224 ^d	200341±17106 ^a	78501±3415 ^b	43447±2834 ^c	10898±1591 ^d
0.262	D-glucose	37846±691 ^a	25838±2897 ^b	26434±1784 ^b	24842±1197 ^b	21684±2980 ^b
0.240	Maltotriose	2398±429 ^a	1447±107 ^b	2400±366 ^a	793±94 ^b	1213±116 ^b
0.243	Mannitol	78721±8861 ^a	35251±3175 ^b	37375±3024 ^b	35461±3487 ^b	38986±2912 ^b

1.146	Melilotoside	527±88 ^c	2820±287 ^{ab}	3013±585 ^{ab}	3642±374 ^a	2324±80 ^b
0.311	N-acetylmuramic acid	206±23 ^c	1064±123 ^a	902±233 ^{ab}	735±150 ^{ab}	575±28 ^b
1.308	Phenylethyl 2-glucoside	1277±183 ^{ab}	1191±97 ^{bc}	1717±335 ^a	930±152 ^{bc}	715±54 ^c
1.137	Prulaursin	147528±5289 ^a	9619±770 ^c	36529±4909 ^d	99055±5136 ^c	114935±8616 ^b
1.421	Sayaendoside	2697±324 ^d	8531±608 ^a	6983±1089 ^{ab}	6699±156 ^{bc}	5257±591 ^c
0.239	Trehalose	47329±3662 ^b	34156±5026 ^b	130448±15950 ^a	11450±1431 ^c	12538±943 ^c
1.012	3,4-Dihydroxyacetophenone	3310±768 ^a	926±65 ^b	716±137 ^b	959±104 ^b	660±59 ^b
1.220	4-Hydroxybenzaldehyde	1489±90 ^a	1599±113 ^a	1600±338 ^a	1882±208 ^a	1583±310 ^a
2.175	Isopeanol	37±27 ^c	4179±264 ^{ab}	2655±2327 ^{abc}	4582±750 ^a	880±1461 ^{bc}
7.074	Cer 18:1;3O/24:0;(2OH)	320±37 ^c	4668±1444 ^a	2575±521 ^b	2897±383 ^{ab}	1613±396 ^{bc}
1.401	Gerberinside	18550±1177 ^a	26±28 ^b	10±0 ^b	1062±1822 ^b	1306±2245 ^b
0.342	Methylmalonic acid	10620±763 ^a	12230±1328 ^a	7670±503 ^b	6346±456 ^b	7074±597 ^b
0.802	Violaceic acid	10038±4040 ^a	13523±935 ^a	11647±2253 ^a	9048±1076 ^a	9118±3290 ^a
4.629	(9Z)-5,8,11-Trihydroxyoctadec-9-enoic acid	917±56 ^d	63927±1525 ^a	23874±5355 ^c	67461±2714 ^a	34743±1026 ^b
0.401	(2R)-2-(.beta.-D-glucopyranosyloxy)-2-phenylacetamide	2208±208 ^c	41054±4411 ^a	48764±4728 ^a	20046±1190 ^b	14869±844 ^b
1.900	Hexyl 6-O-pentopyranosylhexopyranoside	243±49 ^c	6595±526 ^{ab}	7548±1685 ^a	5535±204 ^{ab}	4656±170 ^b
0.247	Lactobionic acid	2406±103 ^{cd}	5613±227 ^a	4126±462 ^b	2515±201 ^c	1730±134 ^d
5.512	5,7-dihydroxyflavanone	52±11 ^d	2763±374 ^a	792±53 ^c	2159±283 ^{ab}	1591±175 ^b
4.379	Naringenin	521±139 ^c	1903±95 ^a	837±110 ^c	1493±101 ^b	1468±193 ^b
4.838	Isorhamnetin	418±29 ^c	1330±127 ^{ab}	1101±196 ^b	1495±194 ^a	1240±59 ^{ab}
4.659	Kaempferol	356±20 ^b	1737±65 ^a	1619±371 ^a	1720±212 ^a	1425±225 ^a
4.016	<i>Flavonoid glycoside 1</i>	834±146 ^d	3501±383 ^{ab}	4572±804 ^a	2520±128 ^{bc}	1886±89 ^{cd}
1.826	<i>Flavonoid glycoside 2</i>	867±81 ^c	1839±9 ^b	3301±762 ^a	645±42 ^c	549±100 ^c
2.334	Eriodictyol-7-O-glucoside	518±35 ^b	2670±87 ^b	12357±3155 ^a	710±83 ^b	620±139 ^b
2.371	Hyperin	1691±193 ^c	3942±88 ^b	6903±1707 ^a	1309±63 ^c	1034±25 ^c
2.723	Ideain	1679±156 ^c	8571±1073 ^a	7597±1123 ^{ab}	6451±225 ^b	5931±515 ^b

2.862	Isorhamnetin-3- <i>O</i> -glucoside	1470±213 ^c	5849±401 ^a	5662±1108 ^a	3632±128 ^b	3075±28 ^b
2.768	Isorhamnetin-3- <i>O</i> -rutinoside	5292±556 ^c	24796±1852 ^a	25003±5244 ^a	16552±408 ^b	14220±705 ^b
2.632	Kaempferol-3- <i>O</i> -rutinoside	3632±206 ^d	28694±2306 ^a	26010±5337 ^{ab}	20297±697 ^{bc}	16797±1291 ^c
2.786	Naringenin-7- <i>O</i> -glucoside	2052±96 ^c	6070±347 ^b	9501±2132 ^a	2708±179 ^c	2691±120 ^c
2.302	Quercetin-3- <i>O</i> -rutinoside	1619±188 ^c	4013±168 ^b	7267±1615 ^a	1290±135 ^c	1046±124 ^c
2.575	Quercitrin	570±70 ^b	2644±121 ^a	2452±777 ^a	1942±396 ^a	1679±224 ^a
2.107	Rutin	235±181 ^c	1221±111 ^a	1080±301 ^{ab}	853±89 ^{ab}	749±60 ^b
0.480	2-(1-hydroxyethyl)-4-(2-hydroxypropyl)-2H-furan-5-one	1558±247 ^{bc}	361±61 ^c	236±80 ^c	2672±282 ^b	21649±1252 ^a
6.049	2-Linoleoyllysophosphatidylcholine	6977±878 ^a	940±187 ^c	2685±319 ^b	1294±20 ^c	2695±279 ^b
5.948	LPC 18:3	3171±301 ^a	315±36 ^c	1210±248 ^b	403±70 ^c	1065±26 ^b
6.802	Phosphatidylcholine(16:0/18:2w6)	1863±1921 ^a	698±271 ^b	743±191 ^b	825±494 ^b	494±183 ^{bc}
5.989	LPG 18:3	961±84 ^a	338±57 ^{cd}	517±66 ^{bc}	284±22 ^d	706±146 ^b
5.643	<i>Glycerophosphoinositol 1</i>	3258±410 ^a	1034±84 ^{bc}	3436±534 ^a	773±141 ^c	1749±141 ^b
5.783	DGMG 18:3	2920±185 ^b	1025±113 ^c	2503±459 ^b	7952±343 ^a	8663±673 ^a
6.669	MGDG 18:3/18:3	19450±1220 ^a	550±95 ^d	2607±499 ^{cd}	4538±641 ^{bc}	6605±1242 ^b
0.981	Caffeic acid	8635±245 ^a	791±140 ^c	2170±466 ^b	901±77 ^c	984±257 ^c
1.857	Isoferulic acid	2553±729 ^a	244±38 ^b	309±103 ^b	194±3 ^b	247±52 ^b
1.724	4-Methyldaphnetin	2132±255 ^a	1146±69 ^b	1056±350 ^b	2204±243 ^a	2324±438 ^a
1.105	Tryptophan	372±31 ^c	8165±832 ^a	9563±784 ^a	3995±380 ^b	705±116 ^c
5.976	9-Hydroxy-10E,12Z-octadecadienoic acid	381±113 ^d	26555±2249 ^a	4944±1039 ^{bc}	7790±388 ^b	3134±363 ^{cd}
4.228	Corchorifatty acid F	981±121 ^c	36752±1478 ^b	12624±1981 ^d	46556±794 ^a	22139±1317 ^c
1.576	Coniferyl aldehyde	3810±1066 ^a	162±46 ^b	241±96 ^b	213±62 ^b	247±18 ^b
5.460	Gingerol	5533±137 ^a	53±4 ^b	86±44 ^b	47±16 ^b	71±44 ^b
1.377	DL-3-phenyllactic acid	5034±424 ^a	1722±121 ^b	1593±603 ^b	2064±161 ^b	2065±244 ^b
0.334	Adenine	1581±435 ^c	4150±438 ^a	2759±71 ^b	3772±481 ^a	2331±239 ^{bc}
0.390	3-Hydroxypicolinic acid	6299±1499 ^b	11237±1179 ^a	12459±2141 ^a	7303±239 ^b	4815±279 ^c

1.443	<i>Terpene glycoside 1</i>	48±18 ^d	15581±1060 ^a	10596±1803 ^b	3070±111 ^c	3976±205 ^c
0.453	Theviridoside	1420±81 ^a	202±61 ^b	253±130 ^b	254±81 ^b	405±58 ^b
5.685	<i>Triterpenoid 1</i>	298±27 ^d	6660±613 ^a	3787±579 ^b	3091±358 ^{bc}	2579±163 ^c
5.803	<i>Triterpenoid 2</i>	186±21 ^c	4688±302 ^a	1722±288 ^b	1220±216 ^b	1511±156 ^b
5.552	<i>Triterpenoid 3</i>	146±39 ^d	1389±65 ^a	742±195 ^{bc}	880±36 ^b	557±55 ^c
5.980	Hederagenin	1556±237 ^c	5198±683 ^a	3627±551 ^b	1324±203 ^c	2268±443 ^c
6.225	Oleanoic acid	4626±217 ^a	4623±406 ^a	3591±486 ^b	1390±92 ^d	2519±502 ^c

* Different letters in the same row indicate significant differences between samples after ANOVA with Tukey's Post-hoc (p -value < 0.05).