**Therapeutic effect of total flavonoids of *Sargentodoxa cuneata* on ulcerative colitis in mice by correcting gut dysbiosis**

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**Supplementary Table of Contents**

Supplementary Table S1

**Supplementary Table S1**. The chemical constituents identified in total flavonoids of *Sargentodoxa cuneata* (TFSc) using UPLC-Q-TOF/MS.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **no.** | **name** | **metabolite abundance (ScF)** | **Formula** | **Molecular weight (Da)** | **Ionization model** | **Q1 (Da)** | **Q3 (Da)** | **Class I** | **Class II** |
| 1 | Catechin-(7,8-bc)-4α-(3,4-dihydroxyphenyl)-dihydro-2-(3H)-one | 49998364.67 | C24H20O9 | 452.1107 | [M-H]- | 451.1045  | 341.06 | Flavonoids | Flavanols |
| 2 | Cinchonain Id | 45048595.01 | C24H20O9 | 452.1107 | [M-H]- | 451.1045  | 341.1021 | Flavonoids | Flavanols |
| 3 | Cinchonain Ic | 7806603.636 | C24H20O9 | 452.1107 | [M-H]- | 451.1033  | 341.1021 | Flavonoids | Flavanols |
| 4 | Quercetin | 7187682.949 | C15H10O7 | 302.0427 | [M+H]+ | 303.0518  | 137.0215 | Flavonoids | Flavonols |
| 5 | Isobavachalcone glucoside | 4585041.257 | C26H30O9 | 486.189 | [M+H]+ | 487.1911  | 325.1412 | Flavonoids | Chalcones |
| 6 | Chrysoeriol-7-O-glucoside | 3034536.541 | C22H22O11 | 462.1162 | [M-H]- | 461.1084  | 299.0551 | Flavonoids | Flavones |
| 7 | Quercetin-3-O-neohesperidoside\* | 2799344.01 | C27H30O16 | 610.1534 | [M+H]+ | 611.1594  | 303.0494 | Flavonoids | Flavonols |
| 8 | Aromadendrin-7-O-glucoside | 2594921.849 | C21H22O11 | 450.1162 | [M-H]- | 449.1081  | 287.0566 | Flavonoids | Flavanonols |
| 9 | Epicatechin | 2509557.779 | C15H14O6 | 290.079 | [M+H]+ | 291.0859  | 139.0397 | Flavonoids | Flavanols |
| 10 | Quercetin-3-O-glucoside-7-O-rhamnoside\* | 2506390.498 | C27H30O16 | 610.1534 | [M+H]+ | 611.1594  | 303.0519 | Flavonoids | Flavonols |
| 11 | Hesperetin-7-O-(6''-malonyl)glucoside | 2447186.468 | C25H26O14 | 550.1323 | [M-H]- | 549.1247  | 387.1 | Flavonoids | Flavanones |
| 12 | Quercetin-3-O-rutinoside (Rutin)\* | 2309914.321 | C27H30O16 | 610.1534 | [M+H]+ | 611.1591  | 303.0514 | Flavonoids | Flavonols |
| 13 | Diosmetin-7-O-galactoside | 1835744.129 | C22H22O11 | 462.1162 | [M+H]+ | 463.1232  | 301.07 | Flavonoids | Flavones |
| 14 | Hispidulin-7-O-glucoside(Homoplantaginin) | 1805320.246 | C22H22O11 | 462.1162 | [M+H]+ | 463.1232  | 301.07 | Flavonoids | Flavones |
| 15 | Quercetin-5-O-β-D-glucoside\* | 1748991.25 | C21H20O12 | 464.0955 | [M+H]+ | 465.1040  | 303.05 | Flavonoids | Flavonols |
| 16 | Luteolin-8-C-arabinoside | 1657264.21 | C20H18O10 | 418.09 | [M+H]+ | 419.0871  | 383.07 | Flavonoids | Flavones |
| 17 | 6-C-MethylKaempferol-3-glucoside | 1541284.5 | C22H22O11 | 462.1162 | [M+H]+ | 463.1232  | 301.0779 | Flavonoids | Flavones |
| 18 | Naringenin-7-O-Rutinoside-4'-O-glucoside | 1466638.281 | C33H42O19 | 742.232 | [M-H]- | 741.2310  | 579.18 | Flavonoids | Flavanones |
| 19 | Isohyperoside\* | 1439398 | C21H20O12 | 464.0955 | [M+H]+ | 465.1020  | 303.0613 | Flavonoids | Flavonols |
| 20 | 6-C-Glucosyl-2-Hydroxynaringenin | 1404154.322 | C21H22O11 | 450.1162 | [M-H]- | 449.1094  | 269.05 | Flavonoids | Flavanones |
| 21 | Hesperetin-5-O-glucoside | 1377354.268 | C22H24O11 | 464.1319 | [M-H]- | 463.1241  | 301.0707 | Flavonoids | Flavanones |
| 22 | Luteolin-3'-O-glucoside\* | 1321991.5 | C21H20O11 | 448.1006 | [M+H]+ | 449.1017  | 287.0612 | Flavonoids | Flavones |
| 23 | Quercetin-3-O-robinobioside | 1237069.255 | C27H30O16 | 610.1534 | [M-H]- | 609.1490  | 300.0285 | Flavonoids | Flavonols |
| 24 | Quercetin-3-O-galactoside (Hyperin) | 1170914.132 | C21H20O12 | 464.0955 | [M-H]- | 463.0876  | 300.0288 | Flavonoids | Flavonols |
| 25 | Luteolin-4'-O-glucoside\* | 1109268.5 | C21H20O11 | 448.1006 | [M+H]+ | 449.0985  | 287.05 | Flavonoids | Flavones |
| 26 | Quercetin-7-O-glucoside\* | 1087301.026 | C21H20O12 | 464.0955 | [M-H]- | 463.0876  | 301.0357 | Flavonoids | Flavonols |
| 27 | Quercetin-4'-O-glucoside (Spiraeoside)\* | 1051313.626 | C21H20O12 | 464.0955 | [M-H]- | 463.0876  | 301.0363 | Flavonoids | Flavonols |
| 28 | Eriodictyol-8-C-glucoside | 997562.653 | C21H22O11 | 450.1162 | [M-H]- | 449.1086  | 287.0551 | Flavonoids | Flavanones |
| 29 | Luteolin-7-O-glucoside (Cynaroside)\* | 732526.25 | C21H20O11 | 448.1006 | [M+H]+ | 449.1071  | 287.0622 | Flavonoids | Flavones |
| 30 | Quercetin-3-O-glucoside (Isoquercitrin) | 705213.947 | C21H20O12 | 464.0955 | [M-H]- | 463.0876  | 300.0283 | Flavonoids | Flavonols |
| 31 | Cinchonain Ia | 629669.302 | C24H20O9 | 452.1107 | [M+H]+ | 453.1189  | 343.08 | Flavonoids | Flavanols |
| 32 | Chrysoeriol-7-O-(2''-O-glucuronyl)glucoside | 596928.25 | C28H30O17 | 638.1483 | [M+H]+ | 639.1562  | 477 | Flavonoids | Flavones |
| 33 | Chrysoeriol-5-O-glucoside | 549181.737 | C22H22O11 | 462.1162 | [M-H]- | 461.1086  | 299.0561 | Flavonoids | Flavones |
| 34 | Morin | 548929.585 | C15H10O7 | 302.0427 | [M-H]- | 301.0347  | 151.0037 | Flavonoids | Flavonols |
| 35 | Quercetin-3,7-Di-O-glucoside | 504937.626 | C27H30O17 | 626.1483 | [M+H]+ | 627.1440  | 303.0504 | Flavonoids | Flavonols |
| 36 | 6-Hydroxykaempferol-3,6-O-Diglucoside | 496929 | C27H30O17 | 626.1483 | [M+H]+ | 627.1557  | 303.0512 | Flavonoids | Flavonols |
| 37 | Procyanidin B1 | 489811.637 | C30H26O12 | 578.1424 | [M-H]- | 577.1389  | 425.0886 | Tannins | Proanthocyanidins |
| 38 | Kaempferol-3-O-galactoside (Trifolin) | 470898.384 | C21H20O11 | 448.1006 | [M-H]- | 447.0955  | 285.0413 | Flavonoids | Flavonols |
| 39 | 6-Hydroxykaempferol-7,6-O-Diglucoside | 461937 | C27H30O17 | 626.1483 | [M+H]+ | 627.1562  | 303.1 | Flavonoids | Flavonols |
| 40 | Nepetin-7-O-alloside\* | 455715.75 | C22H22O12 | 478.1111 | [M+H]+ | 479.1202  | 317.06 | Flavonoids | Flavones |
| 41 | Diosmetin-7-O-Neohesperidoside (Neodiosmin)\* | 440225 | C28H32O15 | 608.1741 | [M+H]+ | 609.1825  | 301.0807 | Flavonoids | Flavones |
| 42 | Nepetin-7-O-glucoside(Nepitrin)\* | 409857.5 | C22H22O12 | 478.1111 | [M+H]+ | 479.1200  | 317.06 | Flavonoids | Flavones |
| 43 | 4'-Methoxyflavone | 403186.449 | C16H12O3 | 252.0786443 | [M-H]- | 251.0710  | 103.0383 | Flavonoids | Flavones |
| 44 | 6-C-Methylquercetin-3-O-rutinoside | 397080.5 | C28H32O16 | 624.169 | [M+H]+ | 625.1765  | 317.06 | Flavonoids | Flavonols |
| 45 | Isorhamnetin-3-O-neohesperidoside | 389677.5 | C28H32O16 | 624.169 | [M+H]+ | 625.1763  | 317.0652 | Flavonoids | Flavonols |
| 46 | Sexangularetin-3-O-glucoside-7-O-rhamnoside | 384112.5 | C28H32O16 | 624.169 | [M+H]+ | 625.1763  | 317.0654 | Flavonoids | Flavonols |
| 47 | Sieboldin | 344911.655 | C21H24O11 | 452.1319 | [M-H]- | 451.1232  | 289.07 | Flavonoids | Chalcones |
| 48 | 3,4,2',4',6'-Pentahydroxychalcone-4'-O-glucoside | 326019.713 | C21H22O11 | 450.1162 | [M-H]- | 449.1093  | 287.0561 | Flavonoids | Chalcones |
| 49 | Diosmetin-7-O-rutinoside (Diosmin)\* | 307902.5 | C28H32O15 | 608.1741 | [M+H]+ | 609.1825  | 301.0793 | Flavonoids | Flavones |
| 50 | 8-Methoxykaempferol-7-O-rhamnoside | 291909.008 | C22H22O11 | 462.1162 | [M-H]- | 461.1095  | 315.0518 | Flavonoids | Flavonols |
| 51 | Dihydromarein | 276681.341 | C21H24O11 | 452.1319 | [M-H]- | 451.1277  | 289.078 | Flavonoids | Chalcones |
| 52 | Calycosin-7-O-glucoside | 263752 | C22H22O10 | 446.1213 | [M+H]+ | 447.1285  | 285.0763 | Flavonoids | Isoflavones |
| 53 | 5,7,3',4',5'-Pentahydroxyflavan (Tricetiflavan) | 254585.618 | C15H14O6 | 290.079 | [M-H]- | 289.0738  | 151.0401 | Flavonoids | Flavanols |
| 54 | Myricetin-3,7,3'-trimethyl ether | 245411.196 | C18H16O8 | 360.0845 | [M-H]- | 359.0774  | 161.0244 | Flavonoids | Flavonols |
| 55 | 6-Hydroxykaempferol-7-O-glucoside | 245147.25 | C21H20O12 | 464.0955 | [M+H]+ | 465.1031  | 303.1 | Flavonoids | Flavonols |
| 56 | Vitexin-2''-O-galactoside | 243922.5 | C27H30O15 | 594.1585 | [M+H]+ | 595.1678  | 433.1161 | Flavonoids | Flavones |
| 57 | Luteolin-6-C-glucoside (Isoorientin) | 240083.436 | C21H20O11 | 448.1006 | [M-H]- | 447.0928  | 357.0615 | Flavonoids | Flavones |
| 58 | 5,7,3'-Trihydroxy-4,6,5'-trimethoxyxanthone | 233613.128 | C17H14O8 | 346.0689 | [M-H]- | 345.0608  | 285.04 | Flavonoids | Other Flavonoids |
| 59 | Kaempferol-3-O-(6''-Acetyl)glucosyl-(1→3)-Galactoside | 215384.976 | C29H32O17 | 652.1639 | [M-H]- | 651.1586  | 489.1184 | Flavonoids | Flavonols |
| 60 | Naringenin-7-O-glucoside (Prunin) | 210995.971 | C21H22O10 | 434.1213 | [M-H]- | 433.1168  | 271.0679 | Flavonoids | Flavanones |
| 61 | catechin-4-β-D-galactopyranoside\* | 199780.725 | C21H24O11 | 452.1319 | [M-H]- | 451.1250  | 289.0719 | Flavonoids | Flavanols |
| 62 | Procyanidin B2 | 199226.75 | C30H26O12 | 578.1424 | [M+H]+ | 579.1507  | 409.0921 | Tannins | Proanthocyanidins |
| 63 | 3,3'-O-Dimethylellagic Acid | 198507.964 | C16H10O8 | 330.0376 | [M+H]+ | 331.0442  | 299.0191 | Tannins | Tannin |
| 64 | Epicatechin-3'-O-β-D-glucopyranoside\* | 186447.536 | C21H24O11 | 452.1319 | [M-H]- | 451.1252  | 289.0729 | Flavonoids | Flavanols |
| 65 | Procyanidin B5 | 185176.446 | C30H26O12 | 578.1424 | [M+H]+ | 579.1491  | 127.0388 | Tannins | Proanthocyanidins |
| 66 | 7-Benzyloxy-5-hydroxy-3',4'-methylenedioxyflavonoid | 183644.789 | C23H16O6 | 388.0947 | [M-H]- | 387.1648  | 207.1008 | Flavonoids | Flavones |
| 67 | Genistein-7-O-galactoside | 182978.5 | C21H20O10 | 432.1056 | [M+H]+ | 433.1129  | 271.06 | Flavonoids | Isoflavones |
| 68 | Luteolin-7-O-neohesperidoside (Lonicerin)\* | 165518.25 | C27H30O15 | 594.1585 | [M+H]+ | 595.1674  | 287.0584 | Flavonoids | Flavones |
| 69 | Procyanidin B3 | 164833.316 | C30H26O12 | 578.1424 | [M-H]- | 577.1347  | 407.0762 | Tannins | Proanthocyanidins |
| 70 | Apigenin-7-O-glucoside(Cosmosiin) | 163955.198 | C21H20O10 | 432.1056 | [M-H]- | 431.0980  | 269.0405 | Flavonoids | Flavones |
| 71 | Calycosin | 163702.704 | C16H12O5 | 284.0685 | [M+H]+ | 285.0763  | 225.0551 | Flavonoids | Isoflavones |
| 72 | 3'-O-Methyltricetin-7-O-glucoside | 160313 | C22H22O12 | 478.1111 | [M+H]+ | 479.1190  | 317.0656 | Flavonoids | Flavones |
| 73 | 7-hydroxy-3-(2-methoxyphenyl)-4H-chromen-4-one | 158899.877 | C16H12O4 | 268.0735589 | [M-H]- | 267.0660  | 239.071 | Flavonoids | Isoflavones |
| 74 | Kaempferol-3-O-neohesperidoside\* | 157957.5 | C27H30O15 | 594.1585 | [M+H]+ | 595.1636  | 287.055 | Flavonoids | Flavonols |
| 75 | 5,7,3',4'-Tetrahydroxy-6,8-dimethoxyflavone | 146806.09 | C17H14O8 | 346.0688675 | [M-H]- | 345.0613  | 59.0139 | Flavonoids | Flavones |
| 76 | Epicatechin-4'-O-β-D-glucopyranoside\* | 140626.183 | C21H24O11 | 452.1319 | [M-H]- | 451.1271  | 289.0729 | Flavonoids | Flavanols |
| 77 | Mearnsetin-3-O-glucoside | 138879.864 | C22H22O13 | 494.106 | [M-H]- | 493.0963  | 331.0459 | Flavonoids | Flavones |
| 78 | 2-(3,4-dihydroxyphenyl)-4h-chromene-3,5,7-triol-glucoside | 137199 | C21H22O11 | 450.1162 | [M+H]+ | 451.1232  | 243.065 | Flavonoids | Flavanols |
| 79 | Dihydrocharcone-4'-O-glucoside | 136175.142 | C21H24O10 | 436.1369 | [M-H]- | 435.1301  | 273.077 | Flavonoids | Chalcones |
| 80 | Kaempferol-3-O-rutinoside(Nicotiflorin)\* | 134912.25 | C27H30O15 | 594.1585 | [M+H]+ | 595.1622  | 287.0532 | Flavonoids | Flavonols |
| 81 | Procyanidin C2 | 133610.953 | C45H38O18 | 866.2058 | [M-H]- | 865.2063  | 713.1553 | Tannins | Proanthocyanidins |
| 82 | Kaempferol-3-O-glucoside-7-O-rhamnoside\* | 132801.25 | C27H30O15 | 594.1585 | [M+H]+ | 595.1658  | 287.0567 | Flavonoids | Flavonols |
| 83 | Chrysoeriol-6-C-glucoside-4'-O-glucoside | 127653.5 | C28H32O16 | 624.169 | [M+H]+ | 625.1764  | 463.1303 | Flavonoids | Flavones |
| 84 | Epicatechin glucoside\* | 125615.677 | C21H24O11 | 452.1319 | [M-H]- | 451.1244  | 289.0715 | Flavonoids | Flavanols |
| 85 | Quercetin-3-O-(6''-O-galloyl)glucoside | 123596.5 | C28H24O16 | 616.1064 | [M+H]+ | 617.1132  | 153.0182 | Flavonoids | Flavonols |
| 86 | Naringenin (5,7,4'-Trihydroxyflavanone) | 118345.369 | C15H12O5 | 272.0685 | [M-H]- | 271.0625  | 151.0037 | Flavonoids | Flavanones |
| 87 | Dihydrokaempferol-3-O-glucoside | 115411 | C21H22O11 | 450.1162 | [M+H]+ | 451.1211  | 289.0828 | Flavonoids | Flavanonols |
| 88 | saffloquinoside A | 111233.972 | C27H30O15 | 594.1585 | [M+H]+ | 595.1663  | 433.114 | Flavonoids | Chalcones |
| 89 | Quercetin-3-O-(2''-O-galloyl)galactoside | 104888.75 | C28H24O16 | 616.1064 | [M+H]+ | 617.1181  | 153.0182 | Flavonoids | Flavonols |
| 90 | 6-Hydroxyluteolin | 103606.898 | C15H10O7 | 302.0427 | [M-H]- | 301.0351  | 255.02 | Flavonoids | Flavones |
| 91 | Luteolin-6-C-arabinoside-7-O-glucoside | 100717 | C26H28O15 | 580.1428 | [M+H]+ | 581.1526  | 383.07 | Flavonoids | Flavones |
| 92 | 5-hydroxy-7,8,3',4'-tetramethoxyflavone glucoside | 100372.75 | C25H28O12 | 520.1581 | [M+H]+ | 521.1636  | 359.1129 | Flavonoids | Flavones |
| 93 | Okanin-4'-O-glucoside(Marein) | 99473 | C21H22O11 | 450.1162 | [M+H]+ | 451.1243  | 289.0723 | Flavonoids | Chalcones |
| 94 | O-MethylNaringenin-8-C-arabinoside | 98706.25 | C21H22O9 | 418.1264 | [M+H]+ | 419.1343  | 383.1 | Flavonoids | Flavanones |
| 95 | Eriodictyol-3'-O-glucoside | 94354.043 | C21H22O11 | 450.1162 | [M-H]- | 449.1090  | 287.0571 | Flavonoids | Flavanones |
| 96 | 4'-O-Glucosylvitexin | 92921.75 | C27H30O15 | 594.1585 | [M+H]+ | 595.1671  | 433.1224 | Flavonoids | Flavones |
| 97 | 6-Hydroxyluteolin 5-glucoside | 92842.759 | C21H20O12 | 464.0955 | [M-H]- | 463.0889  | 301.03 | Flavonoids | Flavones |
| 98 | Naringenin chalcone; 2',4,4',6'-Tetrahydroxychalcone | 89625.035 | C15H12O5 | 272.0685 | [M+H]+ | 273.0769  | 153.018 | Flavonoids | Chalcones |
| 99 | Hesperetin-7-O-neohesperidoside(Neohesperidin) | 88453.066 | C28H34O15 | 610.1898 | [M-H]- | 609.1820  | 301.0711 | Flavonoids | Flavanones |
| 100 | Quercetin-3-O-(6''-O-p-Coumaroyl)glucoside | 87003.509 | C30H26O14 | 610.1323 | [M+H]+ | 611.1382  | 147.0441 | Flavonoids | Flavonols |
| 101 | Taxifolin-3'-O-glucoside | 85672.655 | C21H22O12 | 466.1111 | [M-H]- | 465.1252  | 303.051 | Flavonoids | Flavanonols |
| 102 | 4'-Hydroxy-3,5-dimethoxydihydrochalcone | 84008.288 | C17H18O4 | 286.1205 | [M+H]+ | 287.1395  | 121.0283 | Flavonoids | Chalcones |
| 103 | Proanthocyanidins | 83174.459 | C30H26O13 | 594.1373 | [M-H]- | 593.1297  | 125.0257 | Tannins | Proanthocyanidins |
| 104 | Licochalcone B | 82850.597 | C16H14O5 | 286.0841 | [M+H]+ | 287.0918  | 121.0322 | Flavonoids | Chalcones |
| 105 | Carthamone | 82440.101 | C21H20O11 | 448.1006 | [M-H]- | 447.0991  | 285.0405 | Flavonoids | Chalcones |
| 106 | Luteolin-7-O-glucoside-5-O-arabinoside | 80739.75 | C26H28O15 | 580.1428 | [M+H]+ | 581.1507  | 383.2 | Flavonoids | Flavones |
| 107 | 3'-O-Methyltricetin-5-O-glucoside | 79804.5 | C22H22O12 | 478.1111 | [M+H]+ | 479.1190  | 317.1 | Flavonoids | Flavones |
| 108 | Kaempferol-3-O-(2''-O-acetyl)glucuronide | 78490.334 | C23H20O13 | 504.0904 | [M-H]- | 503.0835  | 459.1 | Flavonoids | Flavonols |
| 109 | Chrysoeriol triglucoside | 76960.117 | C34H42O21 | 786.2219 | [M-H]- | 785.2194  | 431.0983 | Flavonoids | Flavones |
| 110 | Eriodictyol-7-O-glucoside | 76207.5 | C21H22O11 | 450.1162 | [M+H]+ | 451.1174  | 289.0741 | Flavonoids | Flavanones |
| 111 | Hesperetin-7-O-rutinoside (Hesperidin) | 75234.75 | C28H34O15 | 610.1898 | [M+H]+ | 611.1942  | 303.0869 | Flavonoids | Flavanones |
| 112 | Apigenin-4'-O-glucoside | 74576.25 | C21H20O10 | 432.1056 | [M+H]+ | 433.1125  | 271.0736 | Flavonoids | Flavones |
| 113 | Flavanomarein | 70463 | C21H22O11 | 450.1162 | [M+H]+ | 451.1233  | 137.0236 | Flavonoids | Flavanones |
| 114 | 3,3',5-Trihydroxy-4',7-dimethoxyflavanone | 69086.213 | C17H16O7 | 332.0896 | [M+H]+ | 333.0955  | 167.0344 | Flavonoids | Flavanones |
| 115 | Scutellarein (5,6,7,4'-Tetrahydroxyflavone) | 65736.107 | C15H10O6 | 286.0477 | [M+H]+ | 287.0561  | 123.0087 | Flavonoids | Flavones |
| 116 | Hispidulin-7-O-(6''-O-p-Coumaroyl)Glucoside | 64968 | C31H28O13 | 608.153 | [M+H]+ | 609.1840  | 463.08 | Flavonoids | Flavones |
| 117 | 6-prenylnaringenin | 63671.572 | C20H20O5 | 340.1311 | [M+H]+ | 341.1364  | 285.0765 | Flavonoids | Flavanones |
| 118 | Luteolin-7-O-rutinoside\* | 60919 | C27H30O15 | 594.1585 | [M+H]+ | 595.1662  | 287.0555 | Flavonoids | Flavones |
| 119 | 2,4'-Dihydroxy-4,6-dimethoxydihydrochalcone | 60056.302 | C17H18O5 | 302.1154 | [M+H]+ | 303.1236  | 165.0568 | Flavonoids | Chalcones |
| 120 | Diosmetin (5,7,3'-Trihydroxy-4'-methoxyflavone) | 58280.12 | C16H12O6 | 300.0634 | [M-H]- | 299.0556  | 284.0326 | Flavonoids | Flavones |
| 121 | Quercetin-3-O-(6''-O-acetyl)glucoside | 57854.5 | C23H22O13 | 506.106 | [M+H]+ | 507.1172  | 303.0517 | Flavonoids | Flavonols |
| 122 | Kaempferol-3-O-robinobioside(Biorobin) | 57212.626 | C27H30O15 | 594.1585 | [M-H]- | 593.1509  | 285.0394 | Flavonoids | Flavonols |
| 123 | 2,4,2',4'-tetrahydroxy-3'-prenylchalcone | 55951.473 | C20H20O5 | 340.1311 | [M+H]+ | 341.1390  | 137.0602 | Flavonoids | Chalcones |
| 124 | Fisetinidol-(4α,6)-gallocatechin | 55555.5 | C30H26O12 | 578.1424 | [M+H]+ | 579.1507  | 127.0398 | Flavonoids | Flavanols |
| 125 | 1,6-dihydroxy-3,7-dimethoxy-8-(3-methoxy-3-methylbutyl)-2-(3-methylbut-2-en-1-yl)xanthen-9-one | 55288.384 | C26H32O7 | 456.2148 | [M-H]- | 455.2135  | 395.1929 | Flavonoids | Other Flavonoids |
| 126 | 5,6,7,3',-Tetramethyl-4'-hydroxyflavone glucoside\* | 55139.453 | C25H28O12 | 520.1581 | [M+H]+ | 521.1667  | 359.111 | Flavonoids | Flavones |
| 127 | Apigenin-6-C-arabinoside\* | 54580.75 | C20H18O9 | 402.0951 | [M+H]+ | 403.1030  | 367.1 | Flavonoids | Flavones |
| 128 | 5,6,3',4'-Tetrahydroxy-3,7-dimethoxyflavone-6-O-glucoside | 54530.75 | C23H24O13 | 508.1217 | [M+H]+ | 509.1276  | 347.076 | Flavonoids | Flavones |
| 129 | Limocitrin-7-O-glucoside | 53788.5 | C23H24O13 | 508.1217 | [M+H]+ | 509.1276  | 347.07 | Flavonoids | Flavonols |
| 130 | Aracarpene 1\* | 53295.24 | C16H12O6 | 300.0634 | [M-H]- | 299.0561  | 284.02 | Flavonoids | Isoflavones |
| 131 | Limocitrin-3-O-galactoside | 51726.25 | C23H24O13 | 508.1217 | [M+H]+ | 509.1284  | 347.07 | Flavonoids | Flavonols |
| 132 | Chrysosplenoside A | 49698.262 | C24H26O13 | 522.1373 | [M+H]+ | 523.1455  | 361.0978 | Flavonoids | Flavones |
| 133 | Quercetin-3-O-sophoroside-7-O-rhamnoside | 49599.81 | C33H40O21 | 772.2062 | [M+H]+ | 773.2145  | 303.0515 | Flavonoids | Flavonols |
| 134 | 3-O-Methylquercetin | 49581.938 | C16H12O7 | 316.0583 | [M-H]- | 315.0505  | 271.0195 | Flavonoids | Flavonols |
| 135 | 6-Hydroxykaempferol-3-O-Rutinoside-6-O-glucoside | 49442.25 | C33H40O21 | 772.2062 | [M+H]+ | 773.2138  | 303.0503 | Flavonoids | Flavonols |
| 136 | Limocitrin-3,7-di-O-glucoside | 49396.75 | C29H34O18 | 670.1745 | [M+H]+ | 671.1815  | 347.07 | Flavonoids | Flavonols |
| 137 | Naringenin-7-O-Rutinoside(Narirutin)\* | 49370.764 | C27H32O14 | 580.1792 | [M-H]- | 579.1715  | 271.0606 | Flavonoids | Flavanones |
| 138 | 2-hydroxy-2-{10-hydroxy-5-methoxy-6-oxo-1h,2h-furo[2,3-c]xanthen-2-yl}propyl acetate | 49136.564 | C21H20O8 | 400.1158 | [M-H]- | 399.1066  | 384.0851 | Flavonoids | Other Flavonoids |
| 139 | Myricetin-3-O-β-D-glucoside\* | 48096.5 | C21H20O13 | 480.0904 | [M+H]+ | 481.0974  | 319.0448 | Flavonoids | Flavonols |
| 140 | Apigenin-5-O-glucoside | 46059 | C21H20O10 | 432.1056 | [M+H]+ | 433.1125  | 271.0601 | Flavonoids | Flavones |
| 141 | Hesperetin-7-O-glucoside | 46021 | C22H24O11 | 464.1319 | [M+H]+ | 465.1392  | 303.09 | Flavonoids | Flavanones |
| 142 | Dihydrorhamnetin | 45938.136 | C16H14O7 | 318.074 | [M+H]+ | 319.0810  | 167.0312 | Flavonoids | Flavanones |
| 143 | Quercetin-3-O-(2''-O-p-Coumaroyl)galactoside | 44680.582 | C30H26O14 | 610.1323 | [M+H]+ | 611.1374  | 147.0441 | Flavonoids | Flavonols |
| 144 | Naringenin-7-O-Neohesperidoside(Naringin)\* | 44019.13 | C27H32O14 | 580.1792 | [M-H]- | 579.1738  | 271.0622 | Flavonoids | Flavanones |
| 145 | Apigenin-8-C-glucoside-7-O-Sophoroside | 43625 | C33H40O20 | 756.2113 | [M+H]+ | 757.2192  | 595.2 | Flavonoids | Flavones |
| 146 | Naringenin-4'-O-glucoside | 42950.547 | C21H22O10 | 434.1213 | [M-H]- | 433.2076  | 271.0647 | Flavonoids | Flavanones |
| 147 | Taxifolin(Dihydroquercetin) | 42859.187 | C15H12O7 | 304.0583 | [M-H]- | 303.0512  | 125.0243 | Flavonoids | Flavanonols |
| 148 | Apigenin-8-C-Arabinoside\* | 42547.25 | C20H18O9 | 402.0951 | [M+H]+ | 403.1030  | 367.08 | Flavonoids | Flavones |
| 149 | Apigenin-7-O-neohesperidoside (Rhoifolin)\* | 42278 | C27H30O14 | 578.1636 | [M+H]+ | 579.1691  | 271.0697 | Flavonoids | Flavones |
| 150 | Aracarpene 2\* | 41636.864 | C16H12O6 | 300.0634 | [M-H]- | 299.0555  | 284.02 | Flavonoids | Isoflavones |
| 151 | Quercetin-3-O-apiosyl(1→2)galactoside\* | 40572 | C26H28O16 | 596.1377 | [M+H]+ | 597.1221  | 303.0434 | Flavonoids | Flavonols |
| 152 | Gallocatechin-(4α→8)-gallocatechin | 40106.5 | C30H26O14 | 610.1323 | [M+H]+ | 611.1434  | 287.0537 | Flavonoids | Flavanols |
| 153 | Syringetin-3-O-glucoside | 39895.25 | C23H24O13 | 508.1217 | [M+H]+ | 509.1296  | 347.0761 | Flavonoids | Flavonols |
| 154 | Epigallocatechin | 39770.696 | C15H14O7 | 306.074 | [M+H]+ | 307.0810  | 139.0391 | Flavonoids | Flavanols |
| 155 | Kaempferol-3,7-O-diglucoside | 39475 | C27H30O16 | 610.1528 | [M+H]+ | 611.1516  | 287.0539 | Flavonoids | Flavonols |
| 156 | Myricetin-3-O-rutinoside | 39387.55 | C27H30O17 | 626.1483 | [M-H]- | 625.1407  | 463.0871 | Flavonoids | Flavonols |
| 157 | Myricetin-3-O-galactoside\* | 38684.5 | C21H20O13 | 480.0904 | [M+H]+ | 481.0968  | 319.0566 | Flavonoids | Flavonols |
| 158 | Digalloyl-chebuloyl-glucose | 37764.77 | C34H28O23 | 804.1021 | [M-H]- | 803.0944  | 651.0839 | Tannins | Tannin |
| 159 | 3-O-Methylellagic acid | 37459.066 | C15H8O8 | 316.0219 | [M-H]- | 315.0149  | 299.9918 | Tannins | Tannin |
| 160 | Claussequinone | 36709.449 | C16H14O5 | 286.0841 | [M+H]+ | 287.0929  | 163.0394 | Flavonoids | Other Flavonoids |
| 161 | Apigenin-7-O-(6''-p-Coumaryl)glucoside | 35816.5 | C30H26O12 | 578.1424 | [M+H]+ | 579.1473  | 271.0609 | Flavonoids | Flavones |
| 162 | Quercetin-3-O-sambubioside\* | 35729.75 | C26H28O16 | 596.1377 | [M+H]+ | 597.1346  | 303.0487 | Flavonoids | Flavonols |
| 163 | 3',5,5',7-Tetrahydroxyflavanone-7-O-(6''-galloyl)glucoside | 35000.25 | C28H26O15 | 602.1272 | [M+H]+ | 603.1344  | 289.0707 | Flavonoids | Flavanones |
| 164 | Isorhamnetin-3-O-sophoroside | 34959.75 | C28H32O17 | 640.1639 | [M+H]+ | 641.1711  | 317.066 | Flavonoids | Flavonols |
| 165 | 5,7,8,3',4'-Pentahydroxy-6-methoxyxanthone | 33964.75 | C16H12O9 | 348.0481 | [M+H]+ | 349.0575  | 303.05 | Flavonoids | Other Flavonoids |
| 166 | 6-Methoxykaempferol-3-O-glucoside | 33704.25 | C22H22O12 | 478.1111 | [M+H]+ | 479.1176  | 317.0729 | Flavonoids | Flavonols |
| 167 | 6,7,8-Tetrahydroxy-5-methoxyflavone | 33480.502 | C16H12O6 | 300.0634 | [M+H]+ | 301.0717  | 286.0542 | Flavonoids | Flavones |
| 168 | 6,8-Dihydroxy-2-(4-hydroxybenzyl)-5,7-dimethyl-3,4-dihydronaphthalen-1(2H)-one | 32453.945 | C18H18O5 | 314.1154 | [M+H]+ | 315.1187  | 209.08 | Flavonoids | Other Flavonoids |
| 169 | Genistein-7-O-(6''-malonyl)glucoside | 31534.75 | C24H22O13 | 518.106 | [M+H]+ | 519.1136  | 271.0645 | Flavonoids | Isoflavones |
| 170 | 4,4'-Dihydroxy-2-methoxychalcone; Echinatin | 31523.032 | C16H14O4 | 270.0892 | [M+H]+ | 271.0971  | 121.0284 | Flavonoids | Chalcones |
| 171 | 3',4',5',5,7-Pentamethoxyflavone | 31492.374 | C20H20O7 | 372.1209 | [M+H]+ | 373.1292  | 343.0827 | Flavonoids | Flavones |
| 172 | Apigenin-7-O-rutinoside (Isorhoifolin)\* | 31120.5 | C27H30O14 | 578.1636 | [M+H]+ | 579.1710  | 271.0632 | Flavonoids | Flavones |
| 173 | Isoorientin-7-O-glucoside | 30145.727 | C27H30O16 | 610.1534 | [M+H]+ | 611.1613  | 431.0973 | Flavonoids | Flavones |
| 174 | 3',5',5,7-Tetrahydroxy-4'-methoxyflavanone-3'-O-glucoside | 29945.5 | C22H24O12 | 480.1268 | [M+H]+ | 481.0977  | 319.0459 | Flavonoids | Flavones |
| 175 | Genistein-7-O-galactoside-rhamnose | 29291.75 | C27H30O14 | 578.1636 | [M+H]+ | 579.1706  | 271.06 | Flavonoids | Isoflavones |
| 176 | Eriodictyol-7-O-rutinoside-4'-O-Sophoroside | 29262.155 | C39H52O25 | 920.2798 | [M-H]- | 919.2591  | 757.2 | Flavonoids | Flavanones |
| 177 | (6s,7s)-1,6,7-trihydroxy-3-methoxy-2-(3-methylbut-2-en-1-yl)-5,6,7,8-tetrahydroxanthen-9-one | 29228.99 | C19H22O6 | 346.1416 | [M-H]- | 345.1344  | 327.1249 | Flavonoids | Other Flavonoids |
| 178 | Quercetin-3-O-xyloside (Reynoutrin) | 29202.5 | C20H18O11 | 434.0849 | [M+H]+ | 435.0926  | 303.0606 | Flavonoids | Flavonols |
| 179 | Tamarixetin-3-O-rutinoside | 28989.345 | C28H32O16 | 624.169 | [M-H]- | 623.1634  | 315.0497 | Flavonoids | Flavonols |
| 180 | Isovitexin-8-O-xyloside | 28934 | C26H28O14 | 564.1479 | [M+H]+ | 565.1558  | 367.1 | Flavonoids | Flavones |
| 181 | Pinostrobin Chalcone | 28179.856 | C16H14O4 | 270.0892 | [M+H]+ | 271.0871  | 167.0344 | Flavonoids | Chalcones |
| 182 | Myricetin | 27840.5 | C15H10O8 | 318.0376 | [M+H]+ | 319.0459  | 153.0182 | Flavonoids | Flavonols |
| 183 | Ellagic acid | 27675.326 | C14H6O8 | 302.0063 | [M-H]- | 300.9993  | 185.0234 | Tannins | Tannin |
| 184 | 3,3',4-O-Trimethylellagic acid | 27429.393 | C17H12O8 | 344.0532 | [M+H]+ | 345.0594  | 313.0331 | Tannins | Tannin |
| 185 | Kaempferol-6,8-di-C-glucoside | 27399.25 | C27H30O16 | 610.1539 | [M+H]+ | 611.1594  | 593.1529 | Flavonoids | Flavonols |
| 186 | Hispidulin (5,7,4'-Trihydroxy-6-methoxyflavone) | 26615.456 | C16H12O6 | 300.0634 | [M+H]+ | 301.0700  | 286.0486 | Flavonoids | Flavones |
| 187 | 3-O-Acetylpinobanksin | 25469.35 | C17H14O6 | 314.079 | [M-H]- | 313.0740  | 253.0506 | Flavonoids | Flavanonols |
| 188 | Apigenin-7-O-glucuronide | 24668.25 | C21H18O11 | 446.0849 | [M+H]+ | 447.0903  | 271.0609 | Flavonoids | Flavones |
| 189 | 5-Hydroxy-7,8,2',3'-Tetramethoxyflavone 5-Glucoside\* | 24597.25 | C25H28O12 | 520.1581 | [M+H]+ | 521.1637  | 359.1134 | Flavonoids | Flavones |
| 190 | Myricetin-3-O-(2''-galloyl-4''-acetyl)rhamnoside | 24486.476 | C30H26O17 | 658.117 | [M-H]- | 657.1100  | 505.0992 | Flavonoids | Flavonols |
| 191 | Amoenin | 24397.75 | C21H20O11 | 448.1006 | [M+H]+ | 449.1061  | 287.0551 | Flavonoids | Flavonols |
| 192 | Ellagic acid-4-O-glucoside | 23959.215 | C20H16O13 | 464.0591 | [M-H]- | 463.0518  | 300.99 | Tannins | Tannin |
| 193 | Rhamnazin 3-Glucosyl-Arabinofuranoside | 23763.297 | C28H32O16 | 624.169 | [M-H]- | 623.1629  | 315.0501 | Flavonoids | Flavonols |
| 194 | Tetahydroxyflavone-7-O-glucuronide | 23411.792 | C21H18O12 | 462.0798 | [M-H]- | 461.0741  | 285.0482 | Flavonoids | Flavones |
| 195 | Luteolin-6-C-glucoside-7-O-rhamnoside | 23062.25 | C27H30O15 | 594.1585 | [M+H]+ | 595.1689  | 449.11 | Flavonoids | Flavones |
| 196 | Apigenin-6-C-rhamnoside | 22649.938 | C21H20O9 | 416.1107 | [M+H]+ | 417.1178  | 381.0997 | Flavonoids | Flavones |
| 197 | Kaempferol-3-O-(4''-O-p-Coumaroyl)rhamnoside | 22522.906 | C30H26O12 | 578.1424 | [M+H]+ | 579.1544  | 147.0454 | Flavonoids | Flavonols |
| 198 | 3,7-Di-O-methylquercetin | 22169.418 | C17H14O7 | 330.074 | [M-H]- | 329.0679  | 314.0432 | Flavonoids | Flavonols |
| 199 | Ellagic acid-4-O-rhamnoside | 22050.714 | C20H16O12 | 448.0642 | [M-H]- | 447.0570  | 315.0102 | Tannins | Tannin |
| 200 | Apigenin-6,8-di-C-glucoside-4'-O-glucoside | 21896.421 | C33H40O20 | 756.2113 | [M+H]+ | 757.2192  | 577.2 | Flavonoids | Flavones |
| 201 | Hesperetin-5,7-di-O-glucoside | 21798.706 | C28H34O16 | 626.1847 | [M-H]- | 625.1770  | 565.3 | Flavonoids | Flavanones |
| 202 | Apigenin-7-O-rutinoside-4'-O-rutinoside | 21662.604 | C39H50O23 | 886.2743 | [M+H]+ | 887.2545  | 725.2093 | Flavonoids | Flavones |
| 203 | Kaempferol-3-O-(6''''-malonyl)sophorotrioside | 21475.75 | C36H42O24 | 858.2066 | [M+H]+ | 859.2141  | 697.1581 | Flavonoids | Flavonols |
| 204 | Cirsimaritin-8-C-[glucosyl-(1-2)]-glucoside | 21349.75 | C29H34O16 | 638.1847 | [M+H]+ | 639.1944  | 477.14 | Flavonoids | Flavones |
| 205 | Tricetin (5,7,3',4',5'-Pentahydroxyflavone) | 20907.696 | C15H10O7 | 302.0427 | [M-H]- | 301.0348  | 151.0037 | Flavonoids | Flavones |
| 206 | Isorhamnetin-3-O-gallate | 20719.25 | C23H16O11 | 468.0693 | [M+H]+ | 469.1210  | 317.08 | Flavonoids | Flavonols |
| 207 | Apigenin-6,8-di-C-glucoside (Vicenin-2) | 20599.75 | C27H30O15 | 594.1585 | [M+H]+ | 595.1664  | 457.1341 | Flavonoids | Flavones |
| 208 | Apigenin-7-O-rutinoside-4'-O-Sophoroside | 20570.75 | C39H50O24 | 902.2692 | [M+H]+ | 903.2486  | 741.2 | Flavonoids | Flavones |
| 209 | Leucocyanidin; 3,4,5,7,3',4'-Hexahydroxyflavan | 20249.5 | C15H14O7 | 306.074 | [M+H]+ | 307.0809  | 137.023 | Flavonoids | Flavanols |
| 210 | Syringetin | 20002.702 | C17H14O8 | 346.0689 | [M-H]- | 345.0632  | 330.0381 | Flavonoids | Flavonols |
| 211 | Eriodictyol-7-O-(6''-O-galloyl)glucoside | 19964.107 | C28H26O15 | 602.1272 | [M-H]- | 601.1238  | 439.092 | Flavonoids | Flavanones |
| 212 | 4-C-Glucose-1,3,6-trihydroxy-7-methoxyxanthone | 19508.925 | C20H20O11 | 436.1006 | [M-H]- | 435.0943  | 345 | Flavonoids | Other Flavonoids |
| 213 | 5,4'-Dihydroxy-3,6,7,3'-tetramethoxyflavone-4'-O-glucoside | 19437.75 | C25H28O13 | 536.153 | [M+H]+ | 537.1605  | 375.1081 | Flavonoids | Flavones |
| 214 | 3-Hydroxy-4',5,7-Trimethoxyflavanone | 18928.618 | C18H18O6 | 330.1103 | [M+H]+ | 331.1152  | 313.11 | Flavonoids | Flavanonols |
| 215 | Acacetin-7-O-glucuronide | 18691.824 | C26H20O8 | 460.1158 | [M+H]+ | 461.1092  | 285.08 | Flavonoids | Flavones |
| 216 | Epiafzelechin | 18498.25 | C15H14O5 | 274.0841 | [M+H]+ | 275.0940  | 107.049 | Flavonoids | Flavanols |
| 217 | Isorhamnetin; 3'-Methoxy-3,4',5,7-Tetrahydroxyflavone | 18384.392 | C16H12O7 | 316.0583 | [M-H]- | 315.0537  | 151.0037 | Flavonoids | Flavonols |
| 218 | Kaempferol-3-O-rhamnosyl(1→2)glucoside | 18193.25 | C27H30O15 | 594.1585 | [M+H]+ | 595.1628  | 287.0543 | Flavonoids | Flavonols |
| 219 | 5,7,3',4'-Tetrahydroxy-6-methoxyflavone-8-C-[glucosyl-(1-2)]-glucoside | 17970.25 | C28H32O17 | 640.1639 | [M+H]+ | 641.1747  | 479.11 | Flavonoids | Flavones |
| 220 | Eriodictyol (5,7,3',4'-Tetrahydroxyflavanone) | 17806.462 | C15H12O6 | 288.0634 | [M-H]- | 287.0567  | 135.0452 | Flavonoids | Flavanones |
| 221 | Australone A | 17701.25 | C25H24O6 | 420.1573 | [M+H]+ | 421.1481  | 259.0968 | Flavonoids | Flavones |
| 222 | Eriodictyol-7-O-Rutinoside (Eriocitrin) | 17622.512 | C27H32O15 | 596.1741 | [M-H]- | 595.1704  | 287.055 | Flavonoids | Flavanones |
| 223 | 1-hydroxy-3,6,7-trimethoxyxanthen-9-one | 17462.918 | C16H14O6 | 302.079 | [M-H]- | 301.0714  | 256.0381 | Flavonoids | Other Flavonoids |
| 224 | 2-hydroxynaringenin | 17424.805 | C15H12O6 | 288.0634 | [M-H]- | 287.0555  | 125.03 | Flavonoids | Flavanones |
| 225 | Kaempferol-3-O-glucuronide | 17422.495 | C21H18O12 | 462.0798 | [M-H]- | 461.0743  | 285.0409 | Flavonoids | Flavonols |
| 226 | Chrysoeriol-7-O-(6''-acetyl)glucoside | 16876.23 | C24H24O12 | 504.1268 | [M-H]- | 503.1190  | 341.1 | Flavonoids | Flavones |
| 227 | Catechin gallate\* | 16670.586 | C22H18O10 | 442.09 | [M-H]- | 441.0858  | 169.0146 | Flavonoids | Flavanols |
| 228 | Kaempferol-3-O-galactoside-4'-O-glucoside | 16382 | C27H30O16 | 610.1534 | [M+H]+ | 611.1588  | 287.0562 | Flavonoids | Flavonols |
| 229 | Myricetin-3-O-galactoside-3'-O-rhamnoside | 15614 | C27H30O17 | 626.1483 | [M+H]+ | 627.1560  | 319.046 | Flavonoids | Flavonols |
| 230 | Diosmetin-8-C-(2''-O-arabinosyl)glucoside | 15183 | C27H30O15 | 594.1585 | [M+H]+ | 595.1656  | 445.1131 | Flavonoids | Flavones |
| 231 | Apigenin-6-C-arabinoside-8-C-xyloside\* | 14848 | C25H26O13 | 534.1373 | [M+H]+ | 535.1347  | 499.1233 | Flavonoids | Flavones |
| 232 | Isohemiphloin | 14146.971 | C21H22O10 | 434.1213 | [M-H]- | 433.1135  | 313.0707 | Flavonoids | Flavanones |
| 233 | Apigenin-6-C-fucoside | 14146.586 | C21H20O9 | 416.1107 | [M+H]+ | 417.1168  | 381.0984 | Flavonoids | Flavones |
| 234 | 3,4'-Dihydroxyflavone | 14118.595 | C15H10O4 | 254.0579 | [M+H]+ | 255.0652  | 181.0638 | Flavonoids | Flavones |
| 235 | Apigenin-6,8-di-C-arabinoside\* | 14073.25 | C25H26O13 | 534.1373 | [M+H]+ | 535.1354  | 499.1233 | Flavonoids | Flavones |
| 236 | Eriodictyol-7-O-rutinoside-5-O-(6''-O-glucosyl)glucuronide | 13988.876 | C39H50O26 | 934.259 | [M-H]- | 933.2726  | 479.11 | Flavonoids | Flavanones |
| 237 | Chrysoeriol-5,7-di-O-glucoside | 13899.5 | C28H32O16 | 624.169 | [M+H]+ | 625.1668  | 301.0684 | Flavonoids | Flavones |
| 238 | Luteolin (5,7,3',4'-Tetrahydroxyflavone) | 13876.625 | C15H10O6 | 286.0477 | [M-H]- | 285.0399  | 151.0037 | Flavonoids | Flavones |
| 239 | Epicatechin gallate\* | 13817.432 | C22H18O10 | 442.09 | [M-H]- | 441.0857  | 169.0162 | Flavonoids | Flavanols |
| 240 | 3',7-dihydroxy-4'-methoxyflavone | 13792.97 | C16H12O5 | 284.0685 | [M+H]+ | 285.0768  | 270.05 | Flavonoids | Flavones |
| 241 | Kaempferol (3,5,7,4'-Tetrahydroxyflavone) | 13784.149 | C15H10O6 | 286.0477 | [M-H]- | 285.0416  | 151.0037 | Flavonoids | Flavonols |
| 242 | Homoeriodictyol | 13757.41 | C16H14O6 | 302.079 | [M+H]+ | 303.0877  | 153.0182 | Flavonoids | Flavanones |
| 243 | Quercetin-4'-O-glucuronide | 13532.555 | C21H18O13 | 478.0747 | [M-H]- | 477.0657  | 301.0366 | Flavonoids | Flavonols |
| 244 | Rhamnosyl Phellamurin | 13220.035 | C32H40O15 | 664.2367 | [M-H]- | 663.2291  | 501.1749 | Flavonoids | Flavanonols |
| 245 | Myricetin-3-O-sulfonate | 13201.562 | C15H10O11S | 397.9944 | [M-H]- | 396.9871  | 317.0319 | Flavonoids | Flavonols |
| 246 | Luteolin-7-O-gentiobioside | 12891 | C27H30O16 | 610.1534 | [M+H]+ | 611.1524  | 287.05 | Flavonoids | Flavones |
| 247 | Chrysoeriol-6,8-di-C-glucoside-7-O-glucoside | 12698.435 | C34H42O21 | 786.2219 | [M+H]+ | 787.2298  | 625.1 | Flavonoids | Flavones |
| 248 | 3,7,4'-Trihydroxyflavone | 12407.215 | C15H10O5 | 270.0528 | [M+H]+ | 271.0598  | 137.0224 | Flavonoids | Flavones |
| 249 | Procyanidin B4 | 11788.733 | C30H26O12 | 578.1424 | [M-H]- | 577.1330  | 407.0761 | Tannins | Proanthocyanidins |
| 250 | Chrysoeriol-8-C-arabinoside-7-O-rutinoside | 11762.028 | C33H40O19 | 740.2164 | [M-H]- | 739.2088  | 431.3 | Flavonoids | Flavones |
| 251 | Pinocembrin-7-O-(2''-O-arabinosyl)glucoside | 11622.275 | C26H30O13 | 550.1686 | [M-H]- | 549.1644  | 255.0642 | Flavonoids | Flavanones |
| 252 | Apigenin-7-O-glucoside-4'-O-rutinoside | 11226.64 | C33H40O19 | 740.2164 | [M-H]- | 739.2088  | 269.2 | Flavonoids | Flavones |
| 253 | Quercetin-3-O-(2''-O-galactosyl)glucoside | 11047.75 | C27H30O17 | 626.1483 | [M+H]+ | 627.1571  | 465.1 | Flavonoids | Flavonols |
| 254 | Viscumneoside IV(Rhamnazin-3-O-(6''-hydroxymethylglutaryl)glucoside) | 11047.75 | C29H32O16 | 636.169 | [M+H]+ | 637.1757  | 331.08 | Flavonoids | Flavonols |
| 255 | Pinocembrin (Dihydrochrysin) | 11046.739 | C15H12O4 | 256.0736 | [M+H]+ | 257.0811  | 153.0184 | Flavonoids | Flavanones |
| 256 | Quercetin-3-O-(6''-O-galloyl)galactoside | 11021 | C28H24O16 | 616.1064 | [M+H]+ | 617.1140  | 153.0182 | Flavonoids | Flavonols |
| 257 | Galloylisorhamnetin | 10615 | C23H16O11 | 468.0693 | [M+H]+ | 469.1307  | 317.0848 | Flavonoids | Flavonols |
| 258 | Eriodictyol-7-O-(6''-malonyl)glucoside | 9747.75 | C24H24O14 | 536.1166 | [M+H]+ | 537.1245  | 289 | Flavonoids | Flavanones |
| 259 | Tricetin-5-O-(6''-malonyl)glucoside | 9618.25 | C24H22O15 | 550.0959 | [M+H]+ | 551.1038  | 303.0499 | Flavonoids | Flavones |
| 260 | 4',5-Dihydroxyflavone | 9613.349 | C15H10O4 | 254.0579 | [M+H]+ | 255.0658  | 137.0241 | Flavonoids | Flavones |
| 261 | Luteolin-7-O-(2''-O-rhamnosyl)rutinoside | 9575.25 | C33H40O19 | 740.2164 | [M+H]+ | 741.2257  | 433.1152 | Flavonoids | Flavones |
| 262 | Chebulic acid | 9310.01 | C14H12O11 | 356.038 | [M-H]- | 355.0329  | 249.0441 | Tannins | Tannin |
| 263 | Epigallocatechin-3-O-gallate | 9240 | C22H18O11 | 458.0849 | [M+H]+ | 459.0906  | 139.0391 | Flavonoids | Flavanols |
| 264 | Catechin-5-O-glucoside | 9192.082 | C21H24O11 | 452.1319 | [M-H]- | 451.1240  | 289.0717 | Flavonoids | Flavanols |
| 265 | Apigenin-6-C-(2''-rhamnosyl)glucoside | 9078.5 | C27H30O14 | 578.1636 | [M+H]+ | 579.1698  | 415.1083 | Flavonoids | Flavones |
| 266 | Naringenin-6-C-Glucoside | 9066.75 | C21H22O10 | 434.1213 | [M+H]+ | 435.1292  | 285.0764 | Flavonoids | Flavanones |
| 267 | Kaempferol-6,8-di-C-glucoside-7-O-glucoside | 9056.75 | C33H40O21 | 772.2062 | [M+H]+ | 773.2158  | 611.168 | Flavonoids | Flavonols |
| 268 | Quercetin-3-O-(4''-O-galloyl)arabinoside | 8735.948 | C27H22O15 | 586.0959 | [M-H]- | 585.0893  | 301.0348 | Flavonoids | Flavonols |
| 269 | Chrysoeriol-7-O-rutinoside | 8675.56 | C28H32O15 | 608.1741 | [M-H]- | 607.1664  | 299.0561 | Flavonoids | Flavones |
| 270 | Eriodictyol-7-O-(6''-acetyl)glucoside | 8341.896 | C23H24O12 | 492.1268 | [M-H]- | 491.1192  | 287.1 | Flavonoids | Flavanones |
| 271 | Procyanidin C1 | 8321.934 | C45H38O18 | 866.2058 | [M-H]- | 865.2051  | 577.1376 | Tannins | Proanthocyanidins |
| 272 | Kaempferol-3-O-(2''-galloyl)glucoside | 8170.802 | C28H24O15 | 600.1115 | [M+H]+ | 601.1179  | 287.0558 | Flavonoids | Flavonols |
| 273 | Apigenin-6-C-glucoside (Isovitexin) | 8106.188 | C21H20O10 | 432.1056 | [M-H]- | 431.1003  | 311.0501 | Flavonoids | Flavones |
| 274 | 7-Hydroxyflavone | 8031.849 | C15H10O3 | 238.063 | [M+H]+ | 239.0706  | 137.0245 | Flavonoids | Flavones |
| 275 | 5,7,3',4',5'-Pentahydroxydihydroflavone | 8013.363 | C15H12O7 | 304.0583 | [M-H]- | 303.0518  | 151.03 | Flavonoids | Flavanones |
| 276 | Dihydrokaempferide | 7694 | C16H14O6 | 302.079 | [M+H]+ | 303.0867  | 229.0833 | Flavonoids | Flavanonols |
| 277 | 5,2',5'-Trihydroxy-3,7,4'-trimethoxyflavone-2'-O-glucoside | 7535.25 | C25H28O14 | 552.1479 | [M+H]+ | 553.1556  | 391.1049 | Flavonoids | Flavones |
| 278 | 5,6,7,4'-Tetramethoxyflavone | 7524.573 | C19H18O6 | 342.1103 | [M+H]+ | 343.1165  | 282.0941 | Flavonoids | Flavones |
| 279 | Vitexin-7-O-rutinoside | 7495.523 | C33H40O19 | 740.2164 | [M-H]- | 739.2087  | 563.1395 | Flavonoids | Flavones |
| 280 | 5,6,7,8-Tetramethoxyflavone | 7268.358 | C19H18O6 | 342.1103 | [M+H]+ | 343.1184  | 313.0721 | Flavonoids | Flavones |
| 281 | 6-Hydroxy-2'-methoxyflavone | 7142.85 | C16H12O4 | 268.0736 | [M-H]- | 267.0669  | 252.0439 | Flavonoids | Flavones |
| 282 | Procyanidin A2 | 7042.817 | C30H24O12 | 576.1268 | [M-H]- | 575.1192  | 285.0394 | Tannins | Proanthocyanidins |
| 283 | Genistein-7-O-Glucoside (Genistin) | 6886.9 | C21H20O10 | 432.1056 | [M-H]- | 431.1034  | 269.0455 | Flavonoids | Isoflavones |
| 284 | kaempferol-3-caffeoyldiglucoside | 6700.49 | C36H36O19 | 772.1851 | [M-H]- | 771.1792  | 609.1402 | Flavonoids | Flavonols |
| 285 | Quercetin-3-O-(6''-O-arabinosyl)glucoside | 6675.441 | C26H28O16 | 596.1377 | [M-H]- | 595.1301  | 300.0279 | Flavonoids | Flavonols |
| 286 | 3,5,6,7-Tetramethoxyflavone | 6581.58 | C19H18O6 | 342.1103 | [M+H]+ | 343.1165  | 313.0717 | Flavonoids | Flavones |
| 287 | Kaempferol-3-O-(6''-Sinapyl)glucosyl-(1→2)-Galactoside | 6474.25 | C38H40O20 | 816.2113 | [M+H]+ | 817.2194  | 369.1198 | Flavonoids | Flavonols |
| 288 | 3,4,2',4',6'-Pentahydroxychalcone | 6289.618 | C15H12O6 | 288.0634 | [M-H]- | 287.0583  | 135.0464 | Flavonoids | Chalcones |
| 289 | 6,7,8,3',4'-Pentamethoxyflavanone | 6191.019 | C20H22O7 | 374.1366 | [M+H]+ | 375.1445  | 221.0813 | Flavonoids | Flavanones |
| 290 | 3-Methylkaempferol | 5987.5 | C16H12O6 | 300.0634 | [M+H]+ | 301.0707  | 258.0518 | Flavonoids | Flavonols |
| 291 | 7,3'-Di-O-gallyoltricetiflavan | 5976.289 | C29H22O14 | 594.101 | [M-H]- | 593.0944  | 289.0718 | Flavonoids | Flavanols |
| 292 | Pinocembrin-7-O-glucoside (Pinocembroside) | 5937.275 | C21H22O9 | 418.1264 | [M+H]+ | 419.1312  | 257.081 | Flavonoids | Flavanones |
| 293 | Isorhamnetin-3-O-(6''-acetylglucoside) | 5920.628 | C24H24O13 | 520.1217 | [M-H]- | 519.1139  | 315.0514 | Flavonoids | Flavonols |
| 294 | Eriodictyol-6,8-di-C-glucoside-4'-O-glucoside | 5797.21 | C33H42O21 | 774.2219 | [M+H]+ | 775.2298  | 612.9 | Flavonoids | Flavanones |
| 295 | Isorhamnetin-3,7-O-disulfonate | 5757.885 | C16H12O13S2 | 475.9719 | [M-H]- | 474.9620  | 315.05 | Flavonoids | Flavonols |
| 296 | Genkwanin-6-C-(2''-O-apiosyl)glucoside | 5730.25 | C27H30O14 | 578.1636 | [M+H]+ | 579.1733  | 447.13 | Flavonoids | Flavones |
| 297 | Catechin-catechin-catechin | 5427.575 | C45H38O18 | 866.2058 | [M-H]- | 865.1981  | 407.1 | Flavonoids | Flavanols |
| 298 | Luteolin-6,8-di-C-glucoside-7-O-glucoside | 5286.649 | C33H40O21 | 772.2062 | [M+H]+ | 773.2141  | 593 | Flavonoids | Flavones |
| 299 | Kaempferol-3-O-(2''-O-acetyl)glucoside | 4834.75 | C23H22O12 | 490.1111 | [M+H]+ | 491.1161  | 287.05 | Flavonoids | Flavonols |
| 300 | 2,4,4'-trihydroxydihydrochalcone | 4731.558 | C15H14O4 | 258.0892 | [M-H]- | 257.0819  | 121.03 | Flavonoids | Chalcones |
| 301 | 6,8-Dihydroxy-2-(2-hydroxy-4-methoxybenzyl)-7-methyl-3,4-dihydronaphthalen-1(2H)-one | 4193.31 | C18H18O6 | 330.1103 | [M+H]+ | 331.1141  | 137.06 | Flavonoids | Other Flavonoids |
| 302 | 3',5-Dihydroxy-4',6,7-Trimethoxyflavanone | 4160.601 | C18H18O7 | 346.1053 | [M+H]+ | 347.1130  | 197.0546 | Flavonoids | Flavanones |
| 303 | Myricetin-3-O-(6''-galloyl)glucoside | 4017.411 | C28H24O17 | 632.1013 | [M-H]- | 631.0949  | 317.0401 | Flavonoids | Flavonols |
| 304 | Hesperetin | 3804.194 | C16H14O6 | 302.079 | [M-H]- | 301.0713  | 164.0115 | Flavonoids | Flavanones |

\*means that the component may have isomers.