**Supplementary Table 2. Characterization of chemical constituents in JMT by UPLC-QTOF-MS analysis.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PeakNo. | tR (min) | Measured[M­-H]- (m/z) | Predicted[M­-H]- (m/z) | Δ (ppm) | Formula | (–)­MSE (m/z) | Identification | DerivedFrom |
| 1 | 1.72  | 169.0130  | 169.0137  | -4.14  | C7H5O5 | 125.0235, 83.0116 | gallic acid | D |
| 2 | 2.36  | 515.1127  | 515.1190  | -12.23  | C25H24O12 | 353.1021, 191.0067 | isochlorogenic acid C | C |
| 3 | 2.79  | 167.0334  | 167.0342  | -4.79  | C8H8O4 | 135.0817 | vanillic acid | D |
| 4 | 3.98  | 153.0180  | 153.0188  | -5.23  | C7H6O4 | 109.029 | protocaechuic acid | E |
| 5 | 3.73  | 353.0997  | 353.1025  | -7.93  | C20H18O6 | 339.0869, 310.0527 | asarinin | J |
| 6 | 3.85  | 633.3972  | 633.4003  | -4.89  | C36H58O9 | 471.3481, 453.3340 | ecliptasaponin A or D | C |
| 7 | 4.23  | 633.3977  | 633.4003  | -4.10  | C36H58O9 | 471.3482, 453.3339 | ecliptasaponin A or D | C |
| 8 | 4.50  | 289.0735  | 289.0712  | 7.96  | C15H14O6 | 245.0803, 205.0510, 179.0345 | epicatichin | E |
| 9 | 4.53  | 919.2710  | 919.2719  | -0.98  | C39H52O25 | 271.0615, 256.0369 | cassiaside B2 | I |
| 10 | 4.98  | 685.2333  | 685.2344  | -1.61  | C31H42O17 | 523.1820, 453.3307 | specnuezhenide | B |
| 11 | 5.10  | 313.0352  | 313.0348  | 1.28  | C16H10O7 | 313.0350, 298.1503 | wedelolactone | C |
| 12 | 5.29  | 609.1882  | 609.1819  | 10.34  | C28H34O15 | 447.1285, 285.0753 | hesperidin | E |
| 13 | 5.47  | 901.2633  | 901.2614  | 2.11  | C39H50O24 | 253.0511 | emodin-1-O-β-D-tetrapyranoglucoside | I |
| 14 | 5.58  | 283.0221  | 283.0243  | -7.77  | C15H8O6 | 255.0287, 239.0338, 211.0173 | rhein | I |
| 15 | 5.77  | 353.0856  | 353.0873  | -4.81  | C16H18O9 | 191.0565, 112.9657 | chlorogenic acid | A,C |
| 16 | 5.80  | 957.5075  | 957.5059  | 1.67  | C48H78O19 | 795.4522, 455.3437 | ecliptasaponin B or III | C |
| 17 | 6.00  | 563.1412  | 563.1401  | 1.95  | C26H28O14 | 473.1082, 443.0975, 383.0764 | schaftoside | E |
| 18 | 6.16  | 340.1535  | 340.1549  | -4.12  | C20H23NO4 | 178.0552, 163.0738 | tetrahydrojatrorrhizine | G |
| 19 | 6.62  | 595.1617  | 595.1663  | -7.73  | C27H32O15 | 271.0625, 255.0403 | rubrofusarin-6-o-β-gentiobioside | I |
| 20 | 7.09  | 463.0883  | 463.0877  | 1.30  | C21H20O12 | 463.0882, 301.0350 | hyperoside | A |
| 21 | 7.15  | 419.1029  | 419.0978  | 12.17  | C20H20O10 | 257.0465 | cassiaside  | I |
| 22 | 7.28  | 463.0888  | 463.0877  | 2.38  | C21H20O12 | 463.0885, 301.0347 | isoquercitrin | A,C,D |
| 23 | 7.51  | 253.0515  | 253.0501  | 5.53  | C15H10O4 | 225.0110, 149.0025 | chrysophanol | C |
| 24 | 7.65  | 491.1178  | 491.1190  | -2.44  | C23H24O12 | 329.0618, 298.0155 | hesperidin-6-o-β-D-glucoside | I |
| 25 | 7.73  | 447.0923  | 447.0927  | -0.89  | C21H20O11 | 285.0411, 175.0387, 133.0280 | luteoline 7­O­glucoside | A,D |
| 26 | 7.83  | 465.1020  | 465.1033  | -2.80  | C21H22O12 | 303.0502， 285.0471 | dihydroquercetin | B |
| 27 | 8.05  | 795.4479  | 795.4531  | -6.54  | C42H68O14 | 841.4561, 633.3463, 453.3351 | ecliptasaponin I,C,IV or XV | C |
| 28 | 8.23  | 447.0932  | 447.0927  | 1.12  | C21H20O11 | 285.0395, 175.0386, 151.0023 | luteoloside | I |
| 29 | 8.23  | 445.0787  | 445.0771  | 3.59  | C21H18O11 | 269.0461, 151.0023, 117.0315 | apigenin-7-O-glucronide | J |
| 30 | 8.52  | 447.0934  | 447.0927  | 1.57  | C21H20O11 | 285.0404, 175.0388, 133.0281 | astragalin | A |
| 31 | 9.06  | 565.1522  | 565.1558  | -6.37  | C39H52O25 | 271.0609, 256.0385 | cassiaside B | I |
| 32 | 9.25  | 685.2346  | 685.2344  | 0.29  | C31H42O17 | 523.1809, 453.3298 | nuezhenoside | B |
| 33 | 9.50  | 785.2531  | 785.2504  | 3.44  | C35H46O20 | 623.1957, 477.1320, 299.0743  | echinacoside | B |
| 34 | 9.64  | 843.4295  | 843.4378  | -9.84  | C42H68O17 | 841.4507, 633.3500, 471.3392 | ecliptasaponin VI | C |
| 35 | 9.98  | 623.1966  | 623.1976  | -1.60  | C29H36O15 | 461.1445, 153.0761 | acteoside | B |
| 36 | 10.12  | 359.0758  | 359.0767  | -2.51  |  C18H16O8 | 322.1003 | rosmarinicacid | D |
| 37 | 10.25  | 269.0463  | 269.0450  | 4.83  | C15H10O5 | 241.0471, 213.0545,185.086 | emodin | G |
| 38 | 10.60  | 299.1139  | 299.1131  | 2.67  | C14H20O7 | 137.0587, 119.0495 | salidroside | B |
| 39 | 10.96  | 1071.3639  | 1071.3557  | 7.65  | C48H64O27 | 1117.2851, 909.2393, 685.5023 | oleonuezhenide | B |
| 40 | 11.00  | 453.3335  | 453.3369  | -7.50  | C30H46O3 | 437.3401, 411.3272 | 3-hydroxy oleanolic acid | C |
| 41 | 11.16  | 301.0339  | 301.0348  | -2.99  | C15H10O7 | 181.0131, 165.9892, 119.0493 | quercetin | A,C,D |
| 42 | 11.50  | 505.1331  | 505.1346  | -2.97  | C24H26O12 | 343.0829, 313.0352 | cassiin | I |
| 43 | 11.63  | 449.1073  | 449.1084  | -2.45  | C21H22O11 | 287.0547, 151.0025, | eriodictyol-7-o-glucoside | J |
| 44 | 11.67  | 451.1072  | 451.1088  | -3.55  | C17H24O14 | 407.2264, 375.0891 | privet acid | B |
| 45 | 11.86  | 1071.3564  | 1071.3557  | 0.65  | C48H64O27 | 909.3015, 685.1958, 299.0939 | nuezhenide G13 | B |
| 46 | 12.00  | 368.1875  | 368.1862  | 3.53  | C22H27NO4 | 336.1043, 320.1274, 294.0861 | corydaline | G |
| 47 | 12.52  | 279.2330  | 279.2324  | 2.15  | C18H32O2 | 279.2329 | linoleic acid  | H |
| 48 | 13.04  | 283.0623  | 283.0607  | 5.65  | C16H12O5 | 268.0368, 240.0397 | obtusifolin | I |
| 49 | 13.38  | 285.0370  | 285.0399  | -10.17  | C15H10O6 | 175.0392, 151.0018, 133.0279 | kaempferol | A |
| 50 | 13.80  | 431.0983  | 431.1009  | -6.03  | C21H19O10 | 269.0451 | emodin-6-o-β-D-glucoside | I |
| 51 | 14.00  | 343.0835  | 343.0818  | 4.96  | C18H16O7 | 313.0328, 285.0362, 270.0164 | obtusin | I |
| 52 | 14.55  | 357.1014  | 357.0975  | 10.92  | C19H18O7 | 313.0279, 269.0085, 241.0153 | methyl Obtusin | I |
| 53 | 15.25  | 329.0652  | 329.0661  | -2.74  | C17H14O7 | 298.0123, 270.0167 | aurantio-obtusin | I |
| 54 | 15.46  | 461.0711  | 461.0720  | -1.95  | C21H18O12 | 285.0410, 267.0309, 175.0237,  | scutellarin | J |
| 55 | 15.59  | 519.1512  | 519.1503  | 1.73  | C25H28O12 | 227.1255, 209.0870 | 6'-O-cinnamoyl-8-epikingisidic acid  | B |
| 56 | 15.83  | 149.0595  | 149.0597  | -1.34  | C9H8O2 | 149.0597, 131.0492 | cinnamic acid | F |
| 57 | 16.12  | 461.0741  | 461.0720  | 4.55  | C21H18O12 | 279.0408, 285.0025 | kaempferol-3-O-glucuronide  | A |
| 58 | 16.85  | 431.0962  | 431.0978  | -3.71  | C21H20O10 | 325.1591, 285.0389 | kaempferol 7-O-α-L-rhamnopyranoside  | A |
| 59 | 17.27  | 285.0382  | 285.0399  | -5.96  | C15H10O6 | 175.0391, 151.0022, 133.0279 | luteolin | A,C |
| 60 | 17.50  | 269.0459  | 269.0450  | 3.35  | C15H10O5 | 151.0020, 149.0228, 117.0321 | apigenin | A |
| 61 | 18.12  | 539.1752  | 539.1765  | -2.41  | C25H32O13 | 377.1230, 275.0855 | oleuropein | B |
| 62 | 19.18  | 287.0551  | 287.0556  | -1.74  | C15H12O6 | 151.0025, 135.0438 | eriodictyol | J |
| 63 | 19.25  | 255.2331  | 255.2324  | 2.74  | C16H32O2 | 255.2331 | hexadecanoic acid | H |
| 64 | 19.57  | 455.3552  | 455.3525  | 5.93  | C30H48O3 | 455.3551, 201.0361 | oleanolic acid or ursolic acid | B, D |
| 65 | 19.70  | 131.0492  | 131.0497  | -3.82  | C9H8O | 131.0492 | cinnamaldehyde | F |
| 66 | 19.82  | 161.0594  | 161.0603  | -5.59  | C10H10O2 | 131.0493 | 2­methoxycinnamaldehyde | F |
| 67 | 20.50  | 413.3765  | 413.3783  | -4.35  | C29H50O | 413.3768 | β-sitosterol | H |
| 68 | 20.91  | 471.3503  | 471.3474  | 6.15  | C30H48O4 | 453.3360, 425.3397 | echinocystic acid  | C |
| 69 | 21.20  | 271.0620  | 271.0606  | 5.16  | C15H12O5 | 151.0021, 119.0489 | naringenin | E |
| 70 | 21.25  | 502.1558  | 502.1566  | -1.59  | C20H27NO11 | 295.1047, 133.0652 | amygdalin | H |
| 71 | 21.73  | 411.3650  | 411.3627  | 5.59  | C29H48O | 411.3651, 397.3452 | stigmasterol | E |
| 72 | 22.71  | 181.0495  | 181.0501  | -3.31  | C9H9O4 | 151.6605, 136.9081 | syringaldehyde | F |

Note: A table from our previous published study using the same batch of JMT drug is provided for reference (W. Song *et al*., Jinmaitong, a Traditional Chinese Compound Prescription, Ameliorates the Streptozocin-Induced Diabetic Peripheral Neuropathy Rats by Increasing Sciatic Nerve IGF-1 and IGF-1R Expression, Frontiers in Pharmacology 10 (2019) 255. doi: 10.3389/fphar.2019.00255). A, seeds of *Cuscuta chinensis* Lam.; B, seeds of *Ligustrum lucidum* Ait.; C, whole herb of *Eclipta prostrata* L.; D, whole herb of *Prunella vulgaris* L.; E, seeds of *Litchi chinensis* Sonn.; F, tender stem of *Cinnamomum cassia* Presl.; G, rhizoma of *Corydalis yanhusuo* W.; H, seeds of *Prunus persica* L; I, seeds of *Cassia obtusifolia* L. or *Cassia tora* L.; J, radix and rhizoma of *Asarum heterotropiodes* F.