Supporting information

Combining multidimensional chromatography–mass spectrometry and feature-based molecular networking methods for the systematic characterization of compounds in the supercritical fluid extract of *Tripterygium wilfordii Hook F*

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Fig. S1 Analysis diagram of four types normal phase chromatographic column.

Fig. S2 Sample preparation chromatogram of silica gel normal phase chromatographic column.

Fig. S3 Analysis diagram of normal phase fractions.

Fig. S4 Schematic diagram of fraction division by first-dimensional reversed-phase chromatography.

Fig. S5 Effect diagram of supercritical fluid chromatographic separation in PIC and 2-EP column by sample Fr.3-1.

Fig. S6 Chromatograms of blank samples in the first (A) and second dimensions (B).

Fig. S7 Molecular networks of unknown classified compounds.

Fig. S8 MS/MS fragments information and fragmentation pathway of *T. wilfordii* compounds.

a, Wilfornine A; b, Wilfornine D; c, Neotriptophenolide; d, Celastrol.

Table S1 Tentatively identified chemical constituents of *T. wilfordii* by RP×SFC-MS/MS and feature-based molecular networking.

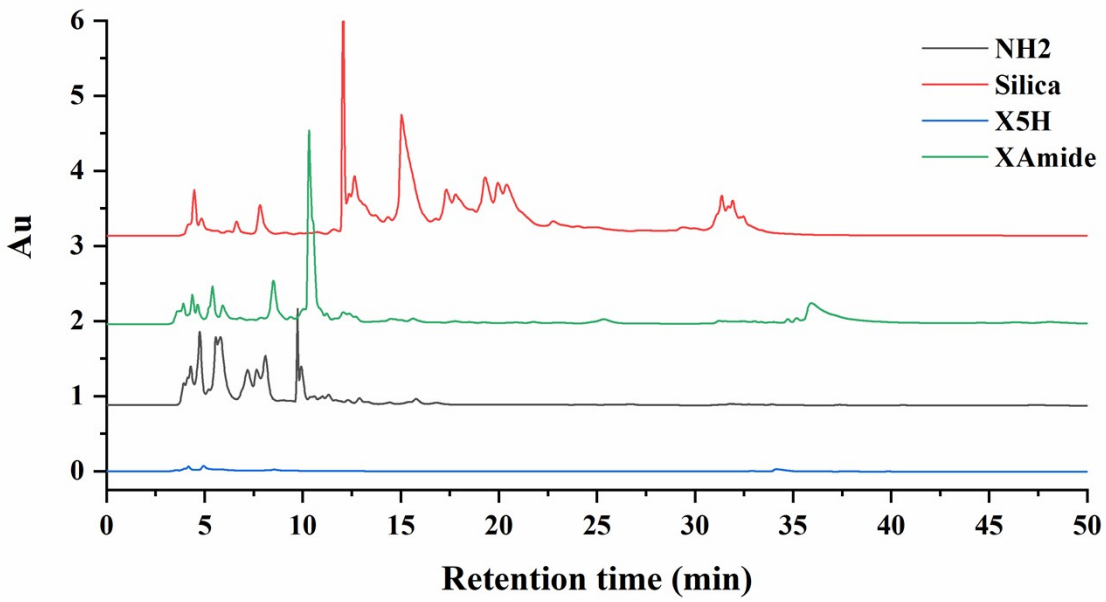

Fig. S1 Analysis diagram of four types normal phase chromatographic column.

The mobile phase contained (A) isopropanol and (B) dichloromethane, and the gradient elution was as follows: 0-4 min, 0-2%A; 4-25 min, 2-5%A; 25-30 min, 5-40%A; 30-40 min, 40-50%A; 40-50 min, 50-90%A. The column temperature and the detection wavelength were set as 25 ℃ and 230 nm with a flow rate of 0.7 mL min^{-1}.

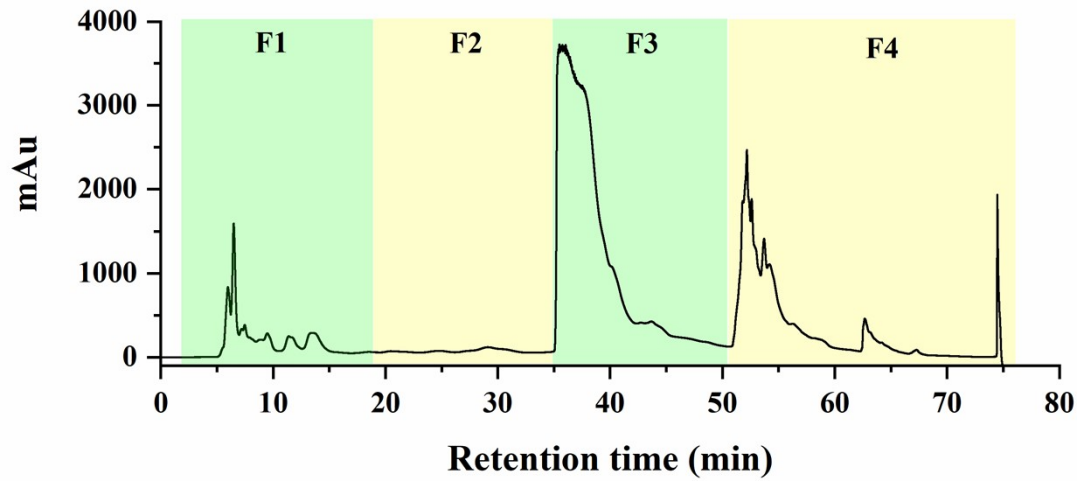

Fig. S2 Sample preparation chromatogram of silica gel normal phase chromatographic column.

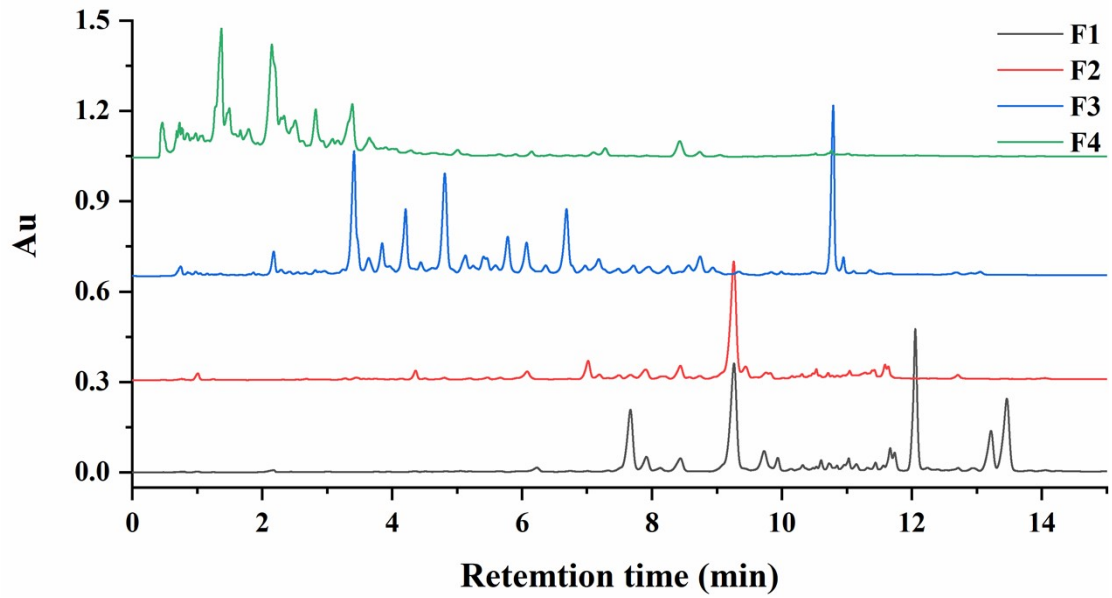

Fig. S3 Analysis diagram of normal phase fractions.

The column is C18HD (2.1 mm×100 mm, 2.5 μm), the mobile phase contained (A) acetonitrile with 0.1% formic acid and (B) water with 0.1% formic acid, and the gradient elution was as follows: 0.0-4.0 min, 35-53%A; 4.0-9.0 min, 53-67%A; 9.0-10.0 min, 67-90%A; 10.0-15.0 min, 90%A. The column temperature and the detection wavelength were set as 30 ℃ and 268 nm with a flow rate of 0.4 mL min^{-1}.

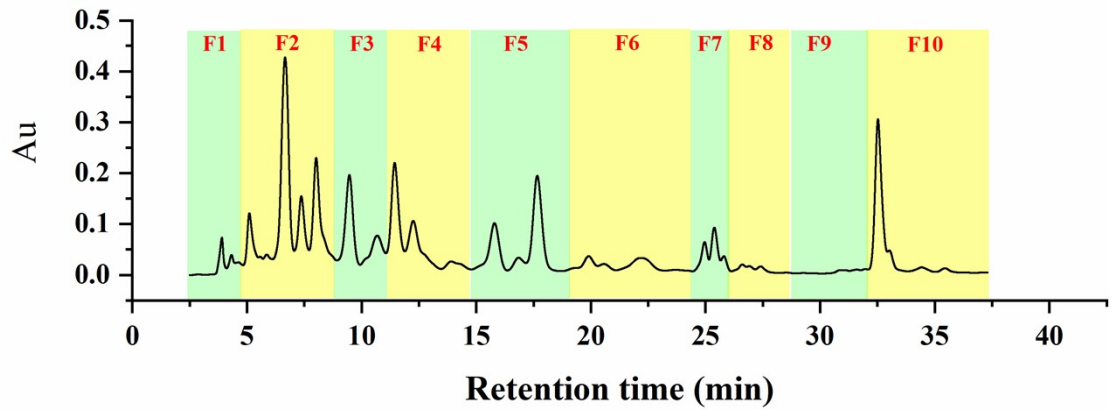

Fig. S4 Schematic diagram of fraction division by first-dimensional reversed-phase chromatography.

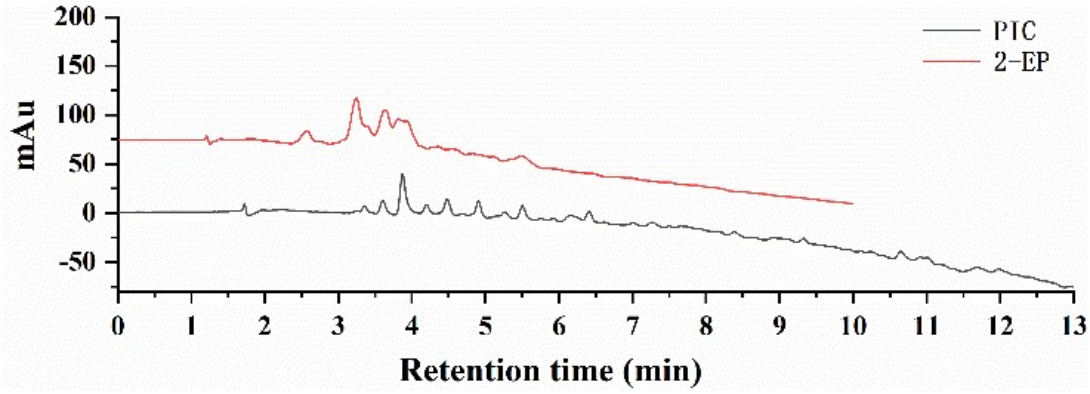

Fig. S5 Effect diagram of supercritical fluid chromatographic separation in PIC and 2-EP column by sample Fr.3-1.

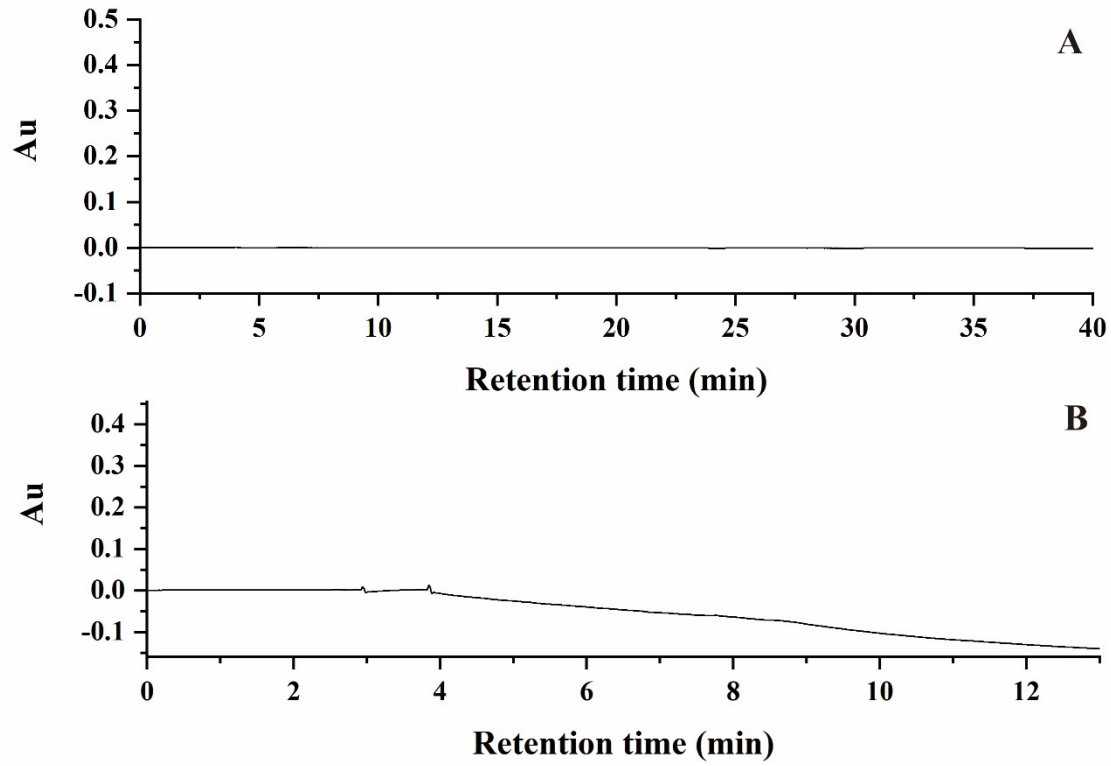

Fig. S6 Chromatograms of blank samples in the first (A) and second dimensions (B).

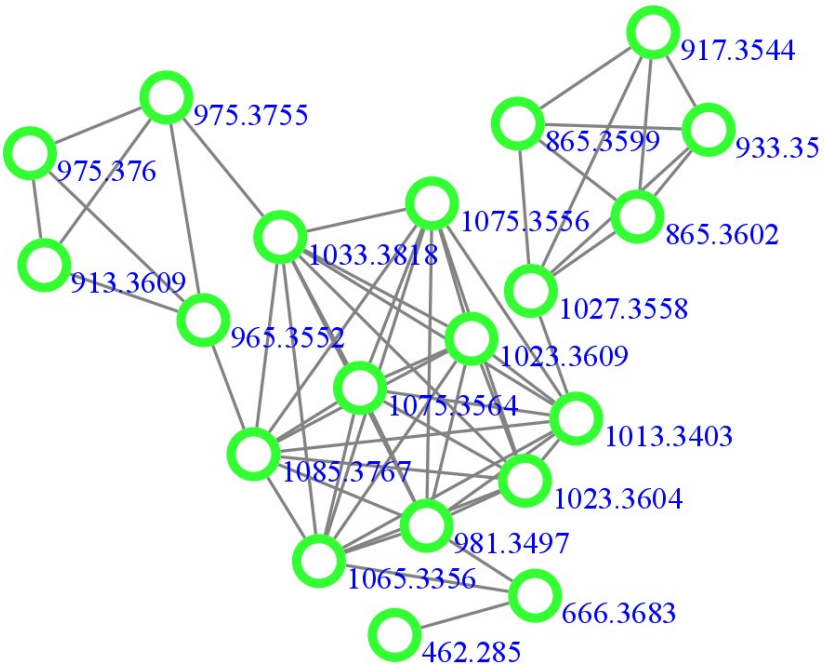

Fig. S7 Molecular networks of unknown classified compounds.

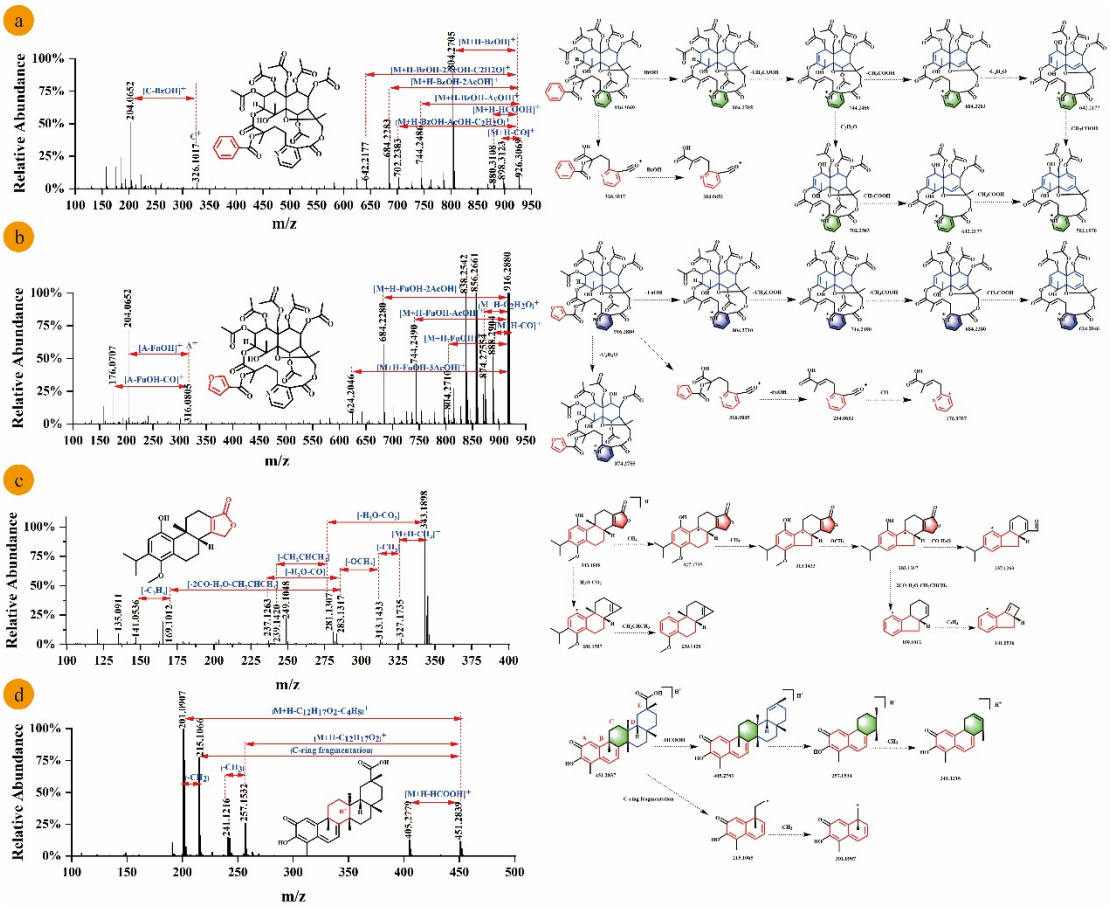

Fig. S8 MS/MS fragments information and fragmentation pathway of *T. wilfordii* compounds.

a, Wilfornine A; b, Wilfornine D; c, Neotriptophenolide; d, Celastrol.

Table S1 Tentatively identified chemical constituents of *T. wilfordii* by RP×SFC-MS/MS and feature-based molecular networking.

No.	Molecular formula	Measured m/z	Calculated m/z	Fraction	RT (min)	Tentative Identification	Fragment Ions	Error (ppm)	Category	Contents mg kg^{-1}
1	$C_{41}H_{47}NO_{17}$	826.2921	826.2916	F3-4	6.12	Wilforzine/Wilfornine F/Tripterygiumine I/1-Desacetylwilforine/7-(Acetyloxy)-O-11-benzoyl-O-2,11-deacetyl-7-deoxoevonine/7-O-Benzoyl-5,7-dideacetylwilformine/Euojaponine A	808.2813, 790.2701, 766.2701, 748.2596, 206.0810, 105.0344	0.61	wilfordate/ evoninate	287.63
2	$C_{48}H_{51}NO_{18}$	930.3184	930.3178	F3-8	7.74	Tripterygiumine C/2-O-benzoyl-2-deacetylmayteine/Ebenifoline E-II	912.3072, 894.2948, 852.2859, 810.2750, 748.2596, 688.2380, 310.1072, 206.0808, 188.0701, 160.0751	0.64	evoninate	N.D.
3	$C_{43}H_{49}NO_{18}$	868.3024	868.3022	F3-4	3.76	Peritassine B/Wilfordinine F/Wilforine/cangoronine E-1/Tripterygiumine B/Forrestine	850.2917, 808.2809, 766.2700, 748.2603, 728.2543, 686.2441, 626.2225, 566.2015, 524.1909, 310.1073, 280.1176, 206.0810, 178.0863, 132.0803	0.23	wilfordate	189.29
4	$C_{41}H_{47}NO_{18}$	842.2868	842.2865	F3-2	5.11	1-Desacetylwilfordine	826.2811, 824.2461, 816.2975, 814.2918, 204.0651, 194.0810, 176.0701	0.35	wilfordate	124.34
5	$C_{45}H_{55}NO_{21}$	946.3345	946.3339	F3-5	3.94	Triptonine A	928.3231, 916.3155, 904.3225, 886.3122, 842.2885, 775.2525, 213.0910, 206.0806, 178.0862	0.63	iso-wilfordate/ iso-evoninate	8.19
6	$C_{41}H_{47}NO_{19}$	858.2816	858.2815	F3-4	3.83	Wilforgine/Wilfordinine D	840.2707, 798.2591, 780.2497, 738.2385, 678.2167, 300.0804, 206.0808, 188.0703, 160.0752	0.12	evoninate	58.34
7	$C_{41}H_{47}NO_{18}$	842.2866	842.2865	F3-4	3.41	1-Desacetylwilfordine	800.2749, 782.2651, 730.2692, 688.2585, 670.2477, 628.2374, 206.0805	0.12	wilfordate	33.05
8	$C_{38}H_{47}NO_{18}$	806.2868	806.2865	F3-2	3.45	Wilfordinine E/Peritassine A/Wilformine	788.2855, 746.2650, 728.2537, 686.2438, 206.0808, 178.0860	0.37	iso-wilfordate/iso-evoninate/wilfordate	249.47
9	$C_{45}H_{55}NO_{21}$	946.3342	946.3339	F3-4	3.43	Triptonine A	928.3229, 918.3382, 886.3121, 225.0749, 206.0807	0.32	iso-wilfordate/ iso-evoninate	109.08
10	$C_{44}H_{47}NO_{20}$	910.2767	910.2764	F3-4	3.84	Wilfornine H	892.2657, 850.2542, 798.2593, 780.2509, 738.2365, 660.2761, 213.0905, 206.0806,	0.33	wilfordate/ evoninate	31.76
11	$C_{39}H_{45}NO_{18}$	816.2709	816.2709	F3-2	5.48	Tripterygiumine E/1-Desacetylwilforgine	798.2592, 792.3055, 788.2747, 756.2483, 696.2257, 206.0806, 178.0858	0.00	iso-wilfordate/ iso-evoninate	29.18
12	$C_{44}H_{47}NO_{20}$	910.2761	910.2764	F3-6	4.23	Wilfornine H	892.2650, 868.2987, 850.2580, 780.2494, 738.2371, 678.2171, 300.0806, 206.0809, 188.0701, 132.0796	-0.33	wilfordate/ evoninate	116.51

13	$C_{45}H_{55}NO_{21}$	946.3343	946.3339	F3-5	3.85	Triptonine A	928.3227, 910.3126, 886.3120, 826.2894, 225.0753, 206.0810, 188.0703, 160.0754	0.42	iso-wilfordate/ iso-evoninate	9.71
14	$C_{38}H_{47}NO_{18}$	806.2866	806.2865	F3-2	3.09	Peritassine A	788.2764, 746.2655, 704.2545, 686.2436, 644.2328, 259.0962, 206.0806, 160.0755	0.12	iso-evoninate	231.30
15	$C_{41}H_{47}NO_{19}$	858.2816	858.2815	F3-1	3.81	Wilforgine/Wilfordinine D	840.2712, 798.2592, 780.2496, 738.2380, 206.0806	0.11	alkaloid	55.90
16	$C_{41}H_{47}NO_{19}$	858.2820	858.2815	F3-3	3.95	Wilforgine	840.2714, 834.3172, 798.2594, 746.2654, 206.0807, 178.0861	0.58	alkaloid	223.61
17	$C_{46}H_{49}NO_{19}$	920.2975	920.2971	F3-7	4.58	Tripterygiumine F/Tripterygiumine G	902.2858, 860.2748, 842.2651, 800.2544, 738.2380, 720.2277, 678.2167, 300.0864, 206.0807, 188.0702, 160.0752, 132.0840, 105.0333	0.43	evoninate	117.76
18	$C_{41}H_{47}NO_{17}$	826.2910	826.2916	F3-3	5.76	Wilforzine/Wilfornine F/Tripterygiumine I/1-Desacetylwilforine/7-(Acetyloxy)-O-11-benzoyl-O-2,11-deacetyl-7-deoxoevonine/7-O-Benzoyl-5,7-dideacetylwilformine/Euojaponine A	798.2958, 766.2700, 738.2750, 706.2483, 678.2542, 602.2227, 542.2020, 482.1794, 379.1381, 361.1284, 337.1285, 301.1069, 206.0809, 178.0861, 132.0804	-0.73	iso-wilfordate/ iso-evoninate	79.49
19	$C_{43}H_{49}NO_{18}$	868.3025	868.3022	F3-3	4.12	Peritassine B/Wilfordinine F/Wilforine/cangoronine E-1/Tripterygiumine B/Forrestine	840.3082, 808.2820, 780.2852, 764.2654, 718.2704, 686.2433, 658.2489, 250.1069, 194.0806, 176.0703, 105.0332	0.35	wilfordate	71.45
20	$C_{43}H_{49}NO_{18}$	868.3032	868.3022	F3-6	4.11	Peritassine B/Wilfordinine F/Wilforine/cangoronine E-1/Tripterygiumine B/Forrestine	850.2919, 808.2809, 790.2711, 748.2600, 688.2401, 310.1074, 206.0811, 188.0705, 160.0756, 150.0377	1.15	evoninata	392.23
21	$C_{41}H_{47}NO_{17}$	826.2919	826.2916	F3-3	5.17	Wilforzine/Wilfornine F/Tripterygiumine I/1-Desacetylwilforine/7-(Acetyloxy)-O-11-benzoyl-O-2,11-deacetyl-7-deoxoevonine/7-O-Benzoyl-5,7-dideacetylwilformine/Euojaponine A	808.2801, 766.2700, 748.2584, 704.2550, 686.2433, 644.2330, 206.0806, 178.0860, 105.0328	0.36	wilfordate	44.43
22	$C_{48}H_{51}NO_{18}$	930.3177	930.3178	F3-6	4.96	Tripterygiumine C/2-O-benzoyl-2-deacetylmayteine/Ebenifoline E-II	912.3051, 870.2960, 808.2803, 206.0801, 105.0327	-0.11	evoninate	28.92
23	$C_{48}H_{51}NO_{18}$	930.3187	930.3178	F3-9	4.50	Tripterygiumine C/2-O-benzoyl-2-deacetylmayteine/Ebenifoline E-II	912.3069, 870.2962, 852.2849, 810.0753, 790.2701, 748.2583, 688.2381, 310.1071, 206.0809, 188.0699, 160.0752, 132.0802, 105.0335	0.97	evoninate	75.03
24	$C_{46}H_{49}NO_{19}$	920.2975	920.2971	F3-8	4.38	Tripterygiumine F/Tripterygiumine G	902.2861, 884.2742, 860.2755, 842.2647, 790.2696, 688.2369, 310.1070, 206.0808, 188.0702, 160.0753, 105.0344	0.43	evoninate	113.82
25	$C_{48}H_{51}NO_{18}$	930.3180	930.3178	F3-8	4.73	Tripterygiumine C/2-O-benzoyl-2-deacetylmayteine/Ebenifoline E-II	912.3074, 870.2956, 852.2856, 810.2741, 206.0804, 105.0334	0.21	evoninate	200.02
26	$C_{46}H_{49}NO_{19}$	920.2976	920.2971	F3-7	4.42	Tripterygiumine F/Tripterygiumine G	902.2865, 860.2752, 842.2652, 800.2574, 748.2592, 688.2381, 310.1070, 206.0808, 188.0702, 160.0753, 105.0334	0.54	evoninate	104.77
27	$C_{44}H_{47}NO_{18}$	878.2870	878.2865	F3-5	6.79	Tripterygiumine W	860.2757, 842.2661, 800.2531, 738.2386, 300.0856, 206.0807	0.87	evoninate	24.28

28	$C_{42}H_{48}N_2O_{18}$	869.2980	869.2974	F3-3	4.54	Wilfornine/Wilfornine G	851.2869, 809.2761, 791.2652, 749.2546, 311.1024, 206.0809, 188.0704, 178.0861, 160.0756, 124.0391, 106.0286	0.69	iso-evoninate	195.18
29	$C_{39}H_{45}NO_{18}$	816.2712	816.2709	F3-3	5.86	Tripterygiumine E/1-Desacetylwilforgine	798.2607, 780.2491, 738.2388, 300.0866, 206.0809, 178.0860, 160.0753	0.37	evoninate	217.65
30	$C_{41}H_{45}NO_{20}$	872.2594	872.2607	F3-3	3.79	9'-O-Acetyl-7-deacetoxy-7-oxowilfortrine	846.2795, 844.2615, 814.2551, 760.2438, 702.2387, 684.2276, 204.0645	-1.49	Hydroxy-wilfordate	96.68
31	$C_{46}H_{49}NO_{20}$	936.2924	936.2920	F3-3	5.70	Tripterygiumine O	918.2810, 894.2806, 876.2708, 806.2640, 684.2280, 572.2124, 530.2016, 259.0960, 241.0852, 194.0807, 176.0704, 152.0703, 134.0599, 105.0335	0.43	wilfordate	156.93
32	$C_{43}H_{49}NO_{19}$	884.2972	884.2971	F3-3	4.73	Wilfordine/wilfordsine/ Wilfornine B/Tripterygiumine V/Wilfordinine C/Hypoglaunine C	866.2865, 856.3022, 842.2848, 838.2906, 762.2599, 674.2436, 194.0808, 176.0703, 105.0332	0.11	Hydroxy-wilfordate	446.78
33	$C_{45}H_{55}NO_{21}$	946.3130	946.3128	F3-5	5.82	Triptonine A	928.3001, 904.3007, 886.2893, 858.2947, 826.2780, 804.3049, 782.2627, 736.2584, 694.2479, 676.2390, 634.2274, 259.0962, 241.0861, 213.0909, 194.0806, 176.0704, 152.0704, 134.0597, 105.0334	0.21	iso-wilfordate/ iso-evoninate	96.08
34	$C_{46}H_{49}NO_{20}$	936.2921	936.2920	F3-3	6.02	Tripterygiumine O	918.2805, 894.2806, 876.2691, 806.2648, 764.2528, 674.2422, 632.2331, 572.2123, 470.1800, 301.1081, 259.0964, 222.0758, 194.0902, 134.0597	0.11	wilfordate	34.46
35	$C_{46}H_{49}NO_{20}$	936.2926	936.2920	F3-4	5.08	Tripterygiumine O	908.2967, 866.2861, 848.2759, 830.2642, 764.2556, 694.2428, 676.2342, 634.2273, 512.0900, 354.1339, 319.1175, 298.1173, 177.1067, 250.1069, 194.0808, 176.0704, 134.0597	0.61	wilfordate	112.80
36	$C_{45}H_{55}NO_{21}$	946.3127	946.3128	F3-1	5.22	Triptonine A	918.3163, 900.2993, 796.2730, 732.1012, 250.1146, 194.0802, 134.0589	-0.11	iso-wilfordate/ iso-evoninate	7.23
37	$C_{41}H_{47}NO_{20}$	874.2766	874.2764	F3-2	3.87	Isowilfortrine/wilfortrine	856.2654, 846.2803, 762.2602, 449.3598, 176.0701	0.23	Hydroxy-wilfordate	56.48
38	$C_{43}H_{49}NO_{21}$	916.2885	916.2869	F3-3	2.80	9'-O-Acetylwilfortrine	888.0913, 870.2801, 846.2791, 804.2708, 786.2559, 744.2496, 702.2392, 684.2286, 642.2179, 624.2071, 600.2072, 582.1966, 540.0849, 504.1647, 462.1541, 421.1492, 379.1384, 316.0814, 260.0926, 222.0759, 204.0455, 186.0549, 158.0600, 130.0645	1.75	Hydroxy-wilfordate	2.95
39	$C_{45}H_{51}NO_{20}$	926.3074	926.3077	F3-4	4.12	Wilfornine A	898.3114, 868.3009, 850.2894, 804.2709, 786.2602, 744.2497, 726.2383, 702.2388, 684.2483, 666.2175, 600.2071, 564.1847, 522.1741, 361.1285, 326.1019, 260.0932, 222.0760, 204.0653, 186.0546, 158.0598, 130.0648	-0.32	Hydroxy-wilfordate	83.66

40	$C_{46}H_{49}NO_{22}$	968.2822	968.2818	F3-4	3.45	Triptonine B/9'-O-3-Furoyl-wilfortrine	940.2861, 856.2659, 838.2546, 796.2438, 744.2491, 684.2278, 204.0654	0.41	Hydroxy-wilfordate	N.D.
41	$C_{39}H_{43}NO_{19}$	830.2499	830.2502	F3-2	4.17	Tripterygiumine S	812.2385, 802.2549, 784.2419, 630.2157, 250.1055, 194.0807, 176.0705	-0.36	wilfordate	19.41
42	$C_{50}H_{53}NO_{20}$	988.3245	988.3233	F3-6	4.80	Wilfornine C	960.3275, 842.3171, 900.3076, 866.2876, 848.2754, 824.2762, 806.2652, 788.2551, 746.2444, 704.2340, 686.2233, 642.2185, 582.1967, 522.1758, 364.1182, 326.1021, 308.0914, 222.0762, 204.0654, 186.0548, 158.0600	1.21	Hydroxy-wilfordate	160.81
43	$C_{48}H_{51}NO_{21}$	978.3034	978.3026	F3-1	3.53	9'-O-Furanoylwilfordine	936.2913, 908.2969, 856.2632, 814.2555, 796.2442, 754.2336, 736.2247, 694.2115, 642.2138, 582.1963, 522.1757, 480.1636, 458.1066, 429.0840, 355.0689, 326.1083, 241.0848, 204.0655, 176.0705, 158.0593, 105.0337	0.81	Hydroxy-wilfordate	N.D.
44	$C_{45}H_{55}NO_{21}$	968.3184	968.3158	F3-4	2.28	Triptonine A	950.3062, 926.2997, 908.3000, 884.2591, 814.2546, 796.2448, 754.2350, 726.2752, 642.2156, 614.2568, 582.1964, 259.0952, 241.0849, 231.0897, 194.0806, 176.0703, 152.0702, 134.0596	2.69	Hydroxy-wilfordate	N.D.
45	$C_{48}H_{51}NO_{21}$	978.3027	978.3026	F3-5	4.96	9'-O-Furanoylwilfordine	950.3066, 856.2658, 838.2546, 796.2427, 744.2489, 684.2275, 204.0652	0.10	Hydroxy-wilfordate	172.21
46	$C_{48}H_{51}NO_{21}$	978.3029	978.3026	F3-6	4.49	9'-O-Furanoylwilfordine	936.2917, 918.2800, 866.2861, 848.2753, 806.2638, 746.2417, 204.0649	0.20	Hydroxy-wilfordate	143.74
47	$C_{41}H_{45}NO_{18}$	840.2713	840.2709	F3-3	4.38	alatamine	822.2602, 812.2709, 794.2629, 718.2330, 194.0807, 176.0705, 105.0322	0.48	wilfordate	2.34
48	$C_{45}H_{55}NO_{21}$	968.3194	968.3158	F3-4	5.24	Triptonine A	950.3075, 926.3065, 908.2973, 884.2607, 824.2420, 726.2767, 259.0960, 241.0863, 194.0806, 176.0704, 152.0705, 134.0599, 106.050	3.72	Hydroxy-wilfordate	31.75
49	$C_{46}H_{49}NO_{22}$	968.2823	968.2818	F3-4	4.11	Triptonine B	926.3070, 856.2661, 838.2538, 804.2688, 736.2218, 204.0651, 102.1275	0.52	Hydroxy-wilfordate	33.84
50	$C_{43}H_{49}NO_{18}$	868.3015	868.3022	F3-4	3.72	Peritassine B/Wilfordinine F/Wilforine/cangoronine E-1/Tripterygiumine B/Forrestine	850.2915, 808.2806, 790.2696, 766.2695, 748.2597, 728.2541, 686.2437, 644.2327, 626.2221, 584.2116, 566.2021, 524.1905, 319.1162, 280.1180, 259.0960, 241.0855, 206.0808, 178.0862, 160.0754, 132.0803	-0.81	iso-evoninate	189.29

51	$C_{41}H_{47}NO_{17}$	826.2915	826.2916	F3-3	5.82	Wilforzine/ Wilfornine F/Tripterygiumine I/1-Desacetylwilforine/7-(Acetyloxy)-O-11-benzoyl-O-2,11-deacetyl-7-deoxoevonine/7-O-Benzoyl-5,7-dideacetylwilformine/Euojaponine A	808.2806, 766.2691, 206.0801, 105.0332	-0.12	wilfordate/ evoninate	79.49
52	$C_{46}H_{49}NO_{19}$	920.2976	920.2971	F3-7	4.42	Tripterygiumine F/Tripterygiumine G	902.2865, 860.2752, 842.2652, 800.2547, 688.2381, 310.1070, 310.1070, 206.0808, 188.0702, 160.0753, 105.0334	0.54	evoninate	104.77
53	$C_{39}H_{45}NO_{16}$	784.2812	784.2811	F3-3	7.41	Tripterygiumine K	766.2700, 748.2586, 724.2571, 584.2115, 206.0804, 178.0863, 105.0338	0.13	evoninate	22.66
54	$C_{41}H_{47}NO_{17}$	826.2920	826.2916	F3-4	6.17	Wilforzine/ Wilfornine F/Tripterygiumine I/1-Desacetylwilforine/7-(Acetyloxy)-O-11-benzoyl-O-2,11-deacetyl-7-deoxoevonine/7-O-Benzoyl-5,7-dideacetylwilformine/Euojaponine A	808.2815, 790.2698, 748.2598, 310.1071, 206.0810, 178.0861, 160.0753,	0.36	evoninate	287.63
55	$C_{44}H_{47}NO_{18}$	878.2861	878.2865	F3-6	6.75	Tripterygiumine W	860.2756, 842.2647, 800.2534, 748.2593, 310.1069, 262.1075, 206.0809, 188.0703, 160.0750, 105.0334	-0.46	evoninate	18.02
56	$C_{46}H_{49}NO_{19}$	920.2975	920.2971	F3-6	4.65	Tripterygiumine F/Tripterygiumine G	902.2859, 860.2750, 842.2651, 800.2540, 738.2387, 300.0862, 206.0808, 188.0703, 160.0755, 105.0333	0.43	evoninate	81.68
57	$C_{41}H_{47}NO_{18}$	842.2867	842.2865	F3-2	5.09	1-Desacetylwilfordine	824.2750, 814.2917, 796.2807, 194.0811, 176.0705, 105.0333	0.24	wilfordate	124.34
58	$C_{43}H_{49}NO_{18}$	868.3023	868.3022	F3-1	3.57	Peritassine B/Wilfordinine F/Wilforine/cangoronine E-1/Tripterygiumine B/Forrestine	850.2914, 808.2797, 766.2692, 748.2585, 206.0806, 105.0331	0.12	iso-evoninate	34.83
59	$C_{41}H_{47}NO_{17}$	826.2919	826.2916	F3-3	5.17	Wilforzine/ Wilfornine F/Tripterygiumine I/1-Desacetylwilforine/7-(Acetyloxy)-O-11-benzoyl-O-2,11-deacetyl-7-deoxoevonine/7-O-Benzoyl-5,7-dideacetylwilformine/Euojaponine A	808.2801, 766.2700, 748.2594, 686.2433, 206.0806, 178.0680, 105.0328	0.24	wilfordate	44.43
60	$C_{41}H_{47}NO_{19}$	858.2818	858.2815	F3-5	3.92	Wilforgine/Wilfordinine D	840.2707, 798.2597, 780.2494, 738.2392, 678.2174, 300.0865, 206.0809, 188.0704, 160.0754, 132.0804	0.35	wilfordate	271.13
61	$C_{34}H_{43}NO_{16}$	722.2647	722.2654	F3-2	5.46	Tripterygiumine J	704.2544, 644.2317, 206.0806, 178.0856	-0.97	evoninate	15.05
62	$C_{36}H_{45}NO_{17}$	764.2762	764.2760	F3-3	5.52	Wilfordinine A/Wilfordinine J/Wilforjine/Tripfordine B/Tripfordine C/1β,2β,5α,8β,11-Pentaacetoxy-4α-hydroxy-3α(2'-methylbutanoyl)-15-nicotinoyl-7-oxo-dihydroagarofuran/2-O-deacetyl-euonine/4-Hydroxy-7-epi-chuchuhuanine E-V/Aquifoliunine E-III	746.2644, 704.2542, 644.2329, 206.0803, 178.0860	0.26	evoninate	28.38
63	$C_{39}H_{45}NO_{18}$	816.2704	816.2709	F3-4	5.07	Tripterygiumine E/1-Desacetylwilforgine	798.2596, 780.2455, 756.2484, 738.2386, 696.2266, 678.2176, 300.0862, 262.1071, 178.0858, 160.0754, 132.0799	-0.61	evoninate	10.74

64	$C_{36}H_{45}NO_{17}$	764.2758	764.2760	F3-2	5.36	Wilfordinine A/Wilfordinine J/Wilforjine/Tripfordine B/Tripfordine C/1β,2β,5α,8β,11-Pentaacetoxy-4α-hydroxy-3α(2'-methylbutanoyl)-15-nicotinoyl-7-oxo-dihydroagarofuran/2-O-deacetyl-euonine/4-Hydroxy-7-epi-chuchuhuanine E-V/Aquifoliunine E-III	746.2646, 728.2858, 686.2400, 206.0808, 178.0861, 160.0752, 132.0802	-0.26	iso-wilfordate/ iso-evoninate	50.56
65	$C_{48}H_{51}NO_{19}$	968.2928	968.2947	F3-6	5.73	Wilfordinine I	846.2574, 824.2750, 781.2875, 222.0747, 204.0642, 160.0745, 105.0326	-1.96	Hydroxy-wilfordate	6.92
66	$C_{48}H_{51}NO_{21}$	1000.2834	1000.2845	F3-6	4.45	9'-O-Furanoylwilfordine	918.2808, 888.2666, 868.2861, 822.2950, 000.0755, 204.0649, 128.0601	1.10	wilfordate	15.48
67	$C_{36}H_{45}NO_{18}$	780.2711	780.2709	F3-2	6.17	Wilfordine /wilfordlongine/wilfordsuine/Tripfordine A	762.2595, 752.2756, 734.2632, 692.2527, 674.2439, 194.0804, 176.0697	0.26	Hydroxy-wilfordate	49.95
68	$C_{39}H_{45}NO_{19}$	832.2666	832.2658	F3-2	5.62	Wilfordconine/1-Desacetylwilfortrine	814.2556, 804.2717, 786.2596, 720.2490, 194.0805, 176.0706	0.96	wilfordate	76.32
69	$C_{41}H_{47}NO_{18}$	842.2872	842.2865	F3-3	5.16	1-Desacetylwilfordine	814.2901, 796.2810, 720.2468, 632.2318, 326.1022, 298.1077, 256.1070, 222.0760, 204.0653, 194.0808, 176.0702, 158.0601, 134.0597, 105.0332	0.83	wilfordate	35.53
70	$C_{36}H_{45}NO_{18}$	780.2709	780.2709	F3-1	4.20	Wilfordine /wilfordlongine/wilfordsuine/ Tripfordine A	762.2593, 752.2757, 734.2655, 692.2546, 674.2443, 632.2318, 614.2222, 250.1076,194.0806, 176.0709	0.00	Hydroxy-wilfordate	100.58
71	$C_{36}H_{43}NO_{18}$	778.2561	778.2552	F3-2	3.72	Wilfornine E/Wilfordinine G	760.2446, 750.2608, 718.2335, 690.2389, 630.2151, 194.0806, 176.0704	1.16	iso-evoninate	159.13
72	$C_{39}H_{43}NO_{19}$	830.2503	830.2502	F3-2	5.71	Tripterygiumine S	804.2702, 770.2253, 718.2340, 700.2234, 676.2224, 658.2121, 616.2009, 260.0918, 204.0654, 186.0545, 158.0594	-0.12	wilfordate	27.36
73	$C_{39}H_{45}NO_{19}$	832.2658	832.2658	F3-2	4.98	Wilfordconine/1-Desacetylwilfortrine	804.2698, 796.2586, 632.2333, 316.0815, 250.1074, 222.0754, 204.0650, 194.0810, 186.0548, 176.0703, 158.0595	0.00	wilfordate	105.67
74	$C_{38}H_{47}NO_{19}$	822.2813	822.2815	F3-2	3.62	Wilfordinine B/alatusinine	794.2860, 776.2752, 734.2642, 674.2440, 632.2327, 572.2115, 512.1897, 494.1813, 452.1692, 421.1483, 379.1379, 3611274, 319.1172, 301.1693, 277.1068, 259.0952, 222.0755, 194.0808, 176.0705, 158.0595, 132.0382	-0.24	wilfordate	60.42
75	$C_{41}H_{45}NO_{18}$	840.2711	840.2709	F3-6	6.19	alatamine	814.2893, 718.2388, 700.2229, 658.2124, 616.1999, 204.0647	0.24	wilfordate	0.01
76	$C_{46}H_{49}NO_{20}$	936.2920	936.2920	F3-5	4.61	Tripterygiumine O	908.2963, 876.2702, 814.2554, 754.2332, 736.2242, 204.0653	0.00	wilfordate	0.48
77	$C_{43}H_{49}NO_{19}$	884.2973	884.2971	F3-2	5.43	Wilfordine/wilfordsine/ Wilfornine B/Tripterygiumine V/Wilfordinine C/Hypoglaunine C	846.2812, 814.2562, 762.2601, 702.2374, 684.2286, 449.3599, 204.0650	0.23	alkaloid	75.34

78	$C_{45}H_{55}NO_{21}$	946.3110	946.3128	F3-5	6.87	Triptonine A	918.3162, 908.3060, 900.3060, 858.2792, 824.2754, 806.2643, 764.2537, 662.2227, 642.2174, 600.2069, 582.1960, 540.1875, 522.1744, 462.1535, 354.1332, 326.1020, 260.0914, 222.0755, 186.0544, 158.0597, 130.0651	-1.90	wilfordate	28.04
79	$C_{45}H_{55}NO_{21}$	946.3116	946.3128	F3-4	5.59	Triptonine A	928.3006, 918.3167, 900.3052, 796.2780, 194.0808, 105.0333	-1.27	wilfordate	12.52
80	$C_{43}H_{49}NO_{19}$	884.2976	884.2971	F3-2	5.24	Wilfordine/wilfordsine/ Wilfornine B/Tripterygiumine V/Wilfordinine C/Hypoglaunine C	866.2855, 842.2856, 824.2745, 796.2797, 754.2701, 736.2574, 694.2490, 632.2324, 614.2228, 590.2220, 572.2121, 530.2014, 512.1893, 472.0808, 452.0695, 319.1163, 301.1064, 222.0757, 194.0807, 176.0704, 134.0598	0.57	Hydroxy-wilfordate	73.94
81	$C_{45}H_{55}NO_{21}$	946.3129	946.3128	F3-5	6.94	Triptonine A	918.3185, 886.2927, 824.2757, 806.2648, 764.2522, 204.0654, 105.0330	0.11	iso-wilfordate/ iso-evoninate	28.04
82	$C_{45}H_{55}NO_{21}$	946.3131	946.3128	F3-6	5.05	Triptonine A	916.3169, 900.3053, 858.2949, 824.2748, 806.2636, 764.2525, 722.2410, 704.2357, 676.2387, 604.2043, 582.1939, 522.1738, 430.1282, 363.1215, 326.1011, 298.1057, 260.0950, 222.0755, 204.650, 176.0699, 158.1598	0.32	iso-wilfordate/ iso-evoninate	45.05
83	$C_{46}H_{49}NO_{20}$	936.2930	936.2920	F3-4	6.28	Tripterygiumine O	908.2967, 867.2742, 814.2553, 796.2447, 754.2236, 694.2127, 204.0654	1.07	wilfordate	52.77
84	$C_{36}H_{45}NO_{18}$	780.2701	780.2709	F3-2	4.33	Wilfordine /wilfordlongine/wilfordsuine/Tripfordine A	762.2582, 752.2756, 720.2479, 663.4560, 194.0806, 176.0693	-1.03	Hydroxy-wilfordate	25.48
85	$C_{38}H_{47}NO_{19}$	822.2817	822.2815	F3-2	4.39	Wilfordinine B/alatusinine	804.2703, 780.2698, 762.2593, 692.2542, 674.2438, 632.2331, 590.2224, 572.2120, 530.2015, 512.1912, 470.1803, 452.1697, 410.1595, 379.1384, 319.1170, 301.1066, 241.0586, 22.0759, 204.0652, 176.0704, 152.0706	0.24	wilfordate	178.60
86	$C_{36}H_{45}NO_{17}$	802.2328	802.2319	F3-2	2.73	Wilfordinine A/Wilfordinine J/Wilforjine/Tripfordine B/Tripfordine C/1β,2β,5α,8β,11-Pentaacetoxy-4α-hydroxy-3α(2'-methylbutanoyl)-15-nicotinoyl-7-oxo-dihydroagarofuran/4-Hydroxy-7-epi-chuchuhuanine E-V/Aquifoliunine E-III	648.2269, 606.2165, 588.2091, 546.1962, 504.1851, 486.1742, 444.1641, 426.1541, 408.1441, 378.1336, 303.1229, 213.0905, 180.0653, 159.0798	1.12	iso-evoninate	N.D.
87	$C_{36}H_{45}NO_{18}$	802.2555	802.2528	F3-2	2.64	Wilfordine /wilfordlongine/wilfordsuine/Tripfordine A	760.2435, 742.2325, 690.2371, 648.2279, 606.2161, 588.2064,570.1967, 546.1969, 528.1584, 510.1753, 486.1741, 468.1642, 438.1543, 408.1343, 378.1326, 348.1249, 255.1004, 225.0904, 180.0652, 124.0386, 106.0282	3.36	wilfordate	23.25

88	$C_{36}H_{45}NO_{17}$	764.2760	764.2760	F3-2	3.73	Wilfordinine A/Wilfordinine J/Wilforjine/Tripfordine B/Tripfordine C/1β,2β,5α,8β,11-Pentaacetoxy-4α-hydroxy-3α(2'-methylbutanoyl)-15-nicotinoyl-7-oxo-dihydroagarofuran/2-O-deacetyl-euonine/4-Hydroxy-7-epi-chuchuhuanine E-V/Aquifoliunine E-III	746.2654, 704.2540, 686.2444, 206.0810, 178.0859	0.00	wilfordate/iso-wilfordate/ isoevoninate	115.22
89	$C_{38}H_{43}NO_{19}$	818.2505	818.2502	F3-2	3.29	Triptersinine U	800.2399, 776.2391, 758.2278, 740.2178, 716.2172, 698.2072, 664.2213, 604.2016, 575.1742, 544.1807, 502.1694, 484.1600, 301.1065, 259.0958, 241.0856, 213.0903, 180.0654, 124.0390, 106.0285	0.37	wilfordate	114.51
90	$C_{35}H_{41}NO_{13}$	722.2280	722.2209	F3-2	2.60	Triptersinine Z10/Triptersinine Z11/Triptersinine Z13/Triptersinine Z9/Triptersinine Z14	704.2178, 680.2181, 662.2068, 638.2068, 602.1857, 560.1743, 518.1639, 437.1439, 419.1334, 317.1009, 229.0855, 201.0917, 180.0647, 124.0390	9.83	alkaloid	21.26
91	$C_{41}H_{47}NO_{20}$	874.2757	874.2764	F3-2	5.15	Isowilfortrine/wilfortrine	846.2802, 814.2536, 786.2598, 754.2334, 674.2432, 632.2338, 572.2114, 530.2316, 512.1915, 449.3597, 379.1364, 361.1294, 301.1077, 259.0955, 222.0754, 204.0650, 176.0702, 152.0701, 132.0595	-1.14	wilfordate	251.54
92	$C_{43}H_{49}NO_{19}$	884.2981	884.2971	F3-3	5.28	Wilfordine/wilfordsine/ Wilfornine B/Tripterygiumine V/Wilfordinine C/Hypoglaunine C	868.2863, 842.2862, 824.2761, 796.2806, 754.2704, 720.2491, 674.2439, 614.2216, 572.2123, 530.2011, 512.1915, 470.1808, 452.0705, 319.1170, 301.1064, 259.1069, 241.0857, 213.0910, 194.0809, 176.0705, 134.0600	1.13	Hydroxy-wilfordade	163.20
93	$C_{37}H_{39}NO_{8}$	626.2754	626.2748	F3-4	3.88	9-O-trans-Cinnamoyl-9-debenzoylregelidine	N.D.	0.96	alkaloid	N.D.
94	$C_{30}H_{35}NO_{8}$	538.2441	538.2435	F3-4	3.01	Triptogelin C-4	333.1532, 215.1426, 191.1413, 173.1316, 147.1153, 124.0391, 105.0332	1.1	alkaloid	8.88
95	$C_{34}H_{39}NO_{12}$	654.2545	654.2545	F3-3	2.99	Wilforsinine A/1β,5α,11-Triacetoxy-7β-benzoyl-4α-hydroxy-8β-nicotinoy-dihydroagarofuran/1β,5α,11-Triacetoxy-7β-benzoyl-4α-hydroxy-8β-nicotinoyldihydroagarofuran	289.1422, 247.1325, 229.2220, 201.1271, 171.0800, 143.0852, 124.0390	0.00	alkaloid	60.95
96	$C_{41}H_{43}NO_{13}$	758.2798	758.2807	F3-9	3.52	2β,6α,12-Triacetoxy-1β,9β-bis(benzoyl-8β-(β-nicotinoyloxy)-β-dihydroagarofuran	716.2718, 699.2603, 656.2458, 636.2440, 594.2313, 536.1963, 503.1042, 471.2003, 411.1798, 349.1646, 307.1527, 289.1428, 271.1722, 229.1218, 211.1105, 184.1197, 166.0493, 143.0826, 124.0389	1.19	alkaloid	3.88
97	$C_{29}H_{38}O_{4}$	451.2837	451.2842	F3-10	9.34	Celastrol	405.2781, 257.1534, 201.0907, 191.1788	-1.11	Triterpenoids	215.82
98	$C_{22}H_{27}NO_{4}$	370.2013	370.1974	F3-1	4.89	Corydaline	355.1776, 192.1015, 165.0907	10.53	alkaloid	0.03

99	$C_{20}H_{23}NO_4$	342.1697	342.1695	F3-1	7.80	Isocorydine	327.1458, 281.1309, 249.1049, 192.1014, 165.0960, 147.0908, 121.0755	0.58	alkaloid	75.32
100	$C_{18}H_{17}NO_2$	280.1325	280.1293	F3-1	4.95	Roemerine	265.0842, 249.0909, 237.0886, 219.0795, 191.0847, 147.0913, 121.0758	11.42	alkaloid	63.55
101	$C_{20}H_{22}O_4$	327.1593	327.1590	F3-6	3.82	Triptonolide	309.1809, 266.1304, 239.1052, 211.1105, 193.1997, 157.0649, 121.0752	0.91	Diterpenes	1.24
102	$C_{20}H_{24}O_3$	313.1793	313.1759	F3-4	6.90	Triptophenolide	295.1681, 271.1322, 253.1220, 225.1267, 213.1269, 175.1111, 133.0646	10.86	Diterpenes	25.84
103	$C_{21}H_{26}O_3$	327.1955	327.1954	F3-6	3.22	Triptophenolide methylether	270.1236, 253.1210, 224.1191, 197.0957, 171.0798, 147.0800, 105.0696	0.30	Diterpenes	9.45
104	$C_{21}H_{26}O_4$	343.1902	343.1903	F3-4	7.65	Neotriptophenolide/(3Br,9bS)-8-hydroxy-6-methoxy-9b-methyl-7-propan-2-yl-3,3b,4,5,10,11-hexahydronaphtho[2,1-e][2]benzofuran-1-one	325.1788, 297.1845, 269.1161, 255.1377, 205.1220, 163.0750	0.29	Diterpenes	27.57
105	$C_{29}H_{38}O_4$	451.2838	451.2842	F3-9	9.15	Celastrol	405.2781, 257.1529, 215.1062, 201.0906, 191.1787	-0.88	Triterpenoids	32.63
106	$C_{20}H_{34}O_2$	307.2630	307.2631	F3-9	2.58	16α,19-dihydroxy-ent-kaurane	N.D.	-0.32	Diterpenes	N.D.
107	$C_{18}H_{30}O_3$	277.2154	295.2228	F3-8	4.52	13S-Hydroxy-9Z,11E,15Z-octadecatrienoic acid	249.2210, 231.2103, 185.1316, 151.1112, 133.1008, 107.0851	10.11	Diterpenes	0.04
108	$C_{21}H_{26}O_4$	343.1898	343.1903	F3-4	8.18	Neotriptophenolide	327.1735, 281.1307, 249.1048, 203.1426, 165.1014, 147.0906	1.46	Diterpenes	4.87
109	$C_{20}H_{32}O_3$	343.2243	343.2243	F3-10	2.46	(-)-16R-hydroxykauran-19-oic acid/16-Hydroxykauran-18-oic acid/(-)-17-hydroxy-16α-kauran-19-oic acid/(-)-17-hydroxy-16R-kauran-19-oic acid/CHEMBL519783/16α-hydroxy-19,20-epoxy-20R-hydroxykaurane/doianoterpene D	N.D.	0.00	Diterpenes	0.02
110	$C_{17}H_{20}O_6$	343.1150	343.1152	F3-2	8.37	1,2-Diguaiacylpropane-1,3-diol/(2S)-3,3-di-(4-hydroxy-3-methoxyphenyl)-propane-1,2-diol	249.1050, 231.0954, 193.0793, 165.1020, 135.0914, 121.0756, 107.0155	0.58	Diterpenes	3.43
111	$C_{20}H_{30}O_3$	341.2100	341.2087	F3-3	5.02	triptobenzene J/Tripterifordin	249.1029, 220.8085, 188.0850, 167.0842, 135.0911, 121.0311, 107.0150	3.81	Diterpenes	14.37
112	$C_{20}H_{32}O_3$	343.2247	343.2243	F3-9	3.23	(-)-16R-hydroxykauran-19-oic acid/16-Hydroxykauran-18-oic acid/(-)-17-hydroxy-16α-kauran-19-oic acid/(-)-17-hydroxy-16R-kauran-19-oic acid/CHEMBL519783/16α-hydroxy-19,20-epoxy-20R-hydroxykaurane/doianoterpene D	N.D.	1.17	Diterpenes	N.D.
113	$C_{20}H_{26}O_2$	299.2005	299.2005	F3-8	2.42	Triptobenzene D/18(4→3)-abeo-abieta-3,8,11,13-tetraen-18-oic acid	284.1770, 257.1531, 239.1423, 203.1425, 177.1270, 149.0959, 111.0801	0.00	Diterpenes	15.30
114	$C_{28}H_{36}O_3$	421.2735	421.2698	F3-9	6.15	Maytenin	N.D.	9.02	Triterpenoids	0.23

115	$C_{28}H_{42}O_5$	481.2945	481.2924	F3-7	10.51	triptotin H	435.2889, 245.1165, 231.1007, 203.1790, 147.1166, 109.1007	4.36	Triterpenoids	2.91
116	$C_{20}H_{30}O_2$	303.2321	303.2318	F3-7	1.74	Triptobenzene B/triptobenzene L/3-epi-triptobenzene B/doianoterpene C	217.1576, 187.1479, 159.1157, 133.1013, 109.1008	0.99	Diterpenes	13.43
117	$C_{30}H_{44}O_3$	453.3360	453.3363	F3-7	9.54	Wilforlide B/hypoglaulide/Zizyberenalic acid	436.4261, 407.3301, 389.3181, 313.2527, 279.2704, 233.1527, 187.1478, 161.1312, 119.0847	0.66	Triterpenoids	0.29
118	$C_{30}H_{46}O_3$	455.3522	455.3519	F3-7	9.14	Wilforlide A/triptotriterpenoidal lactone A/hypoglauterpenic acid/2,4a,6a,6b,9,9,12a-Heptamethyl-10-oxo-3,4,5,6,6a,7,8,8a,11,12,13,14b-dodecahydro-1H-picene-2-carboxylic acid	437.3407, 409.3453, 391.3355, 343.2624, 283.2408, 261.1823, 235.1684, 215.1785, 189.1634, 163.1475, 133.1008, 109.1014	0.66	Triterpenoids	3.27
119	$C_{21}H_{25}NO_4$	356.1857	356.1807	F3-1	3.88	tetrahydropalmatine	341.1614, 192.1020, 165.0906	14.04	Alkaloid	1648.36
120	$C_{31}H_{48}O_4$	485.3631	485.3625	F3-10	4.77	Regelin/Regelin D	407.3033, 379.2980, 313.2519, 233.1523, 215.1779, 187.1476, 161.1321, 133.1006, 109.1010	1.24	Triterpenoids	2.82
121	$C_{30}H_{46}O_4$	471.3463	471.3468	F3-8	9.33	(2R,4S,4Ar,6aR,6aS,6bR,12aR,14bR)-4-hydroxy-2,4a,6a,6b,9,9,12a-heptamethyl-10-oxo-3,4,5,6,6a,7,8,8a,11,12,13,14b-dodecahydro-1H-picene-2-carboxylic acid/Demethylregelin/22β-hydroxy-3-oxo-Δ12-oleanen-29-oic acid	453.3353, 425.3410, 407.3297, 383.3283, 281.2255, 263.1649, 235.1685, 201.0626, 163.1476, 109.1006	3.18	Triterpenoids	2.03
122	$C_{31}H_{50}O_4$	487.3773	487.3781	F3-10	8.94	Regelindiol B	455.3502, 437.3408, 409.3436, 391.3328, 349.1306, 327.2516, 305.9218, 287.2345, 261.2174, 235.1690, 215.1811, 189.1634, 163.1475, 133.1002	-1.64	Triterpenoids	1.12
123	$C_{51}H_{57}NO_{18}$	972.3649	972.3648	F3-9	3.91	Unknown	954.3535, 912.3445, 808.3041, 206.0801, 105.0330	0.10	Wilfordate/ evoninate	11.37
124	$C_{38}H_{47}NO_{17}$	790.2907	790.2917	F3-3	2.91	Unknown	748.2786, 730.2690, 688.2600, 646.2451, 628.2386, 243.1019, 206.0806	-1.27	Wilfordate/ evoninate	14.60
125	$C_{44}H_{53}NO_{19}$	900.3298	900.3303	F3-5	3.65	Unknown	882.3160, 840.3064, 770.3021, 206.0800	-0.56	Wilfordate/ evoninate	45.09
126	$C_{36}H_{43}NO_{17}$	762.2606	762.2599	F3-4	3.22	Unknown	744.2486, 702.2386, 642.2170, 206.0812, 178.0861, 160.0753, 132.0806	0.92	Wilfordate/ evoninate	24.78
127	$C_{41}H_{45}NO_{16}$	808.2810	808.2811	F3-4	6.15	Unknown	790.2703, 766.2692, 748.2594, 688.2380, 206.0810, 178.0855, 105.0329	-0.12	Wilfordate/ evoninate	12.12
128	$C_{41}H_{53}NO_{18}$	848.3335	848.3335	F3-4	3.11	Unknown	820.3394, 788.3111, 746.2696. 704.2546, 662.2436, 644.2341, 602.2218, 584.2129, 542.2018, 524.1915, 464.1700, 421.1502, 379.1386, 337.1286, 319.1181, 301.1068, 280.1174, 259.0964, 241.0854, 206.0809, 178.0859	0.00	iso-wilfordate	20.22

129	$C_{45}H_{51}NO_{18}$	894.3164	894.3179	F3-7	4.20	Unknown	876.3056, 834.2951, 816.2850, 774.2739, 714.2522, 686.2446, 206.0808, 178.0854, 160.0751, 131.0485, 103.0535	-1.68	Wilfordate/ evoninate	29.72
130	$C_{48}H_{49}NO_{17}$	912.3068	912.3073	F3-8	4.83	Unknown	894.2960, 870.2958, 852.2853, 810.2742, 790.2686, 748.2577, 206.0815	-0.55	Wilfordate/ evoninate	9.62
131	$C_{52}H_{51}NO_{15}$	930.3347	930.3331	F3-7	3.70	Unknown	N.D.	1.72	alkaloid	10.16
132	$C_{41}H_{45}NO_{17}$	824.2762	824.2760	F3-4	2.78	Unknown	806.2652, 782.2644, 764.2533, 722.2416, 702.2385, 642.2179, 206.0804	0.24	Wilfordate/ evoninate	N.D.
133	$C_{47}H_{50}N_2O_{18}$	931.3134	931.3131	F3-5	5.19	Unknown	913.3016, 871.2879, 853.2780, 812.2371, 790.2701, 206.0805, 188.0700	0.32	Wilfordate/ evoninate	11.16
134	$C_{47}H_{50}N_2O_{18}$	931.3138	931.3131	F3-6	5.09	Unknown	913.3025, 895.2911, 871.2918, 853.2817, 811.2708, 790.2697, 748.2593, 730.2483, 688.2383, 310.1070, 206.0808, 188.0705, 160.0751, 124.0390	0.75	Wilfordate/ evoninate	164.29
135	$C_{45}H_{48}N_2O_{19}$	921.2923	921.2924	F3-1	4.84	Unknown	903.2821, 861.2693, 843.2585, 780.2489, 206.0806, 188.0703	-0.11	Wilfordate/ evoninate	36.08
136	$C_{43}H_{46}N_2O_{18}$	879.2814	879.2828	F3-3	6.84	Unknown	861.2704, 819.2580, 801.2494, 756.2477, 738.2381, 206.0806	-1.59	Wilfordate/ evoninate	8.00
137	$C_{49}H_{55}NO_{19}$	962.3441	962.3441	F3-9	4.26	Unknown	944.3337, 884.3119, 832.3173, 206.0803, 105.0333	0.00	Wilfordate/ evoninate	33.65
138	$C_{51}H_{57}NO_{18}$	972.3637	972.3648	F3-10	4.34	Unknown	954.3533, 894.3300, 832.3147, 206.0803, 105.0322	-1.13	Wilfordate/ evoninate	12.36
139	$C_{48}H_{49}NO_{17}$	912.3070	912.3073	F3-9	4.52	Unknown	894.2969, 870.2851, 852.2838, 810.2699, 790.2686, 748.2591, 310.1063, 206.0797, 154.0739, 105.0324	-0.33	Wilfordate/ evoninate	3.07
140	$C_{43}H_{52}N_2O_{17}$	869.3378	869.3339	F3-7	4.67	Unknown	N.D.	4.49	alkaloid	0.04
141	$C_{42}H_{45}NO_{19}$	868.2663	868.2659	F3-4	6.31	Unknown	850.2536, 832.2435, 790.2310, 738.2383, 300.0861, 262.1072, 206.0809, 178.0857, 160.0753, 132.0797	0.46	evoninate	26.21
142	$C_{39}H_{49}NO_{18}$	820.3978	820.3922	F3-9	4.58	Unknown	656.2490, 534.2098, 247.1322, 229.1218, 201.1269, 171.0791, 124.0389	6.83	alkaloid	3.07
143	$C_{39}H_{49}NO_{18}$	820.2418	820.2422	F3-3	2.97	Unknown	N.D.	-0.49	alkaloid	0.36
144	$C_{39}H_{49}NO_{18}$	820.3014	820.3022	F3-3	3.21	Unknown	802.2938, 778.2568, 760.2454, 746.2651, 718.2314, 700.2259, 658.2169, 640.2044, 616.2141, 598.1912, 538.1700, 379.1393, 361.1280, 337.1274, 319.1172, 301.1059, 259.0791, 231.1076, 204.0653, 186.0549, 158.0600	-0.98	iso-wilfordate	2.22
145	$C_{40}H_{49}NO_{20}$	864.2920	864.2921	F3-2	3.29	Unknown	822.2802, 804.2712, 786.2594, 762.2599, 744.2489, 726.2372, 702.2384, 684.2279, 642.2171, 624.2068, 624.2068, 582.2959, 564.1856, 522.1753, 462.1547, 421.1484, 379.1377, 361.1274, 319.1175, 301.1065, 277.1070, 260.0920, 241.0858, 222.0757, 204.0655, 186.0547, 158.0598	-0.12	iso-wilfordate	99.28

146	$C_{50}H_{50}N_2O_{22}$	1031.2934	1031.2928	F3-4	5.69	Unknown	1003.2970, 919.2760, 901.2644, 204.0641, 186.0542, 158.0597	0.58	alkaloid	11.34
147	$C_{46}H_{47}NO_{20}$	934.2768	934.2764	F3-5	4.74	Unknown	906.2788, 888.2685, 812.2392, 794.2281, 770.2279, 752.2174, 734.2078, 710.2073, 640.2014, 598.1920, 580.1805, 538.1693, 326.1009, 278.1022, 260.0913, 222.0754, 204.0652, 186.0544, 158.0598, 130.0644	0.43	Hydroxy-wilfordate	39.03
148	$C_{49}H_{47}NO_{21}$	986.2715	986.2713	F3-7	4.89	Unknown	958.2744, 874.2548, 856.2424, 204.0647, 105.0334	0.20	alkaloid	12.87
149	$C_{51}H_{51}NO_{22}$	1030.2964	1030.2994	F3-6	5.26	Unknown	988.2973, 908.2592, 890.2497, 866.2449, 796.2427, 736.2290, 206.0638	-2.91	Wilfordate/ evoninate	6.99
150	$C_{55}H_{41}NO_{13}$	924.2650	924.2651	F3-8	4.28	Unknown	N.D.	-0.11	alkaloid	0.02
151	$C_{48}H_{49}NO_{19}$	944.2974	944.2972	F3-6	4.67	Unknown	916.3009, 898.2928, 822.2601, 804.2480, 780.2478, 762.2399, 720.2291, 658.2117, 640.2019, 598.1919, 580.1813, 364.1170, 326.1015, 308.0914, 260.0912, 222.0759, 204.0649, 186.0545, 158.0597, 130.0638	0.21	Hydroxy-wilfordate	19.16
152	$C_{43}H_{47}NO_{19}$	882.2811	882.2815	F3-4	4.02	Unknown	854.2855, 760.2443, 742.2334, 760.2443, 742.2334, 718.2322, 700.2220, 658.2118, 204.0648	-0.45	Hydroxy-wilfordate	117.83
153	$C_{49}H_{49}NO_{23}$	1020.2762	1020.2768	F3-6	5.00	Unknown	992.2812, 974.2705, 908.2612, 890.2495, 866.2504, 848.2387, 830.2282, 796.2440, 736.2233, 718.2124, 694.2123, 676.2018, 634.1914, 616.1814, 522.1751, 354.0974, 316.0813, 260.0927, 222.0758, 204.0654, 186.0548	-0.59	Hydroxy-wilfordate	111.52
154	$C_{46}H_{47}NO_{20}$	934.2751	934.2764	F3-5	4.74	Unknown	906.2788, 888.2685, 812.2392, 794.2281, 770.2279, 710.2073, 682.2105, 640.2014, 598.1920, 580.1805, 538.1693, 326.1009, 248.1022, 222.0754, 204.0652, 186.0544, 158.0598, 130.0644	-1.39	Hydroxy-wilfordate	39.03
155	$C_{44}H_{54}N_2O_{23}$	979.3172	979.3190	F3-8	5.14	Unknown	N.D.	-1.84	alkaloid	0.39
156	$C_{45}H_{55}NO_{23}$	978.3219	978.3238	F3-5	4.75	Unknown	N.D.	-1.94	alkaloid	80.39
157	$C_{53}H_{53}NO_{21}$	1040.3197	1040.3183	F3-8	5.55	Unknown	1012.3218, 918.2821, 900.2704, 204.0651, 105.0335	1.35	alkaloid	65.88
158	$C_{57}H_{49}NO_{17}$	1020.3056	1020.3073	F3-7	4.71	Unknown	N.D.	-1.67	alkaloid	N.D.
159	$C_{48}H_{57}NO_{20}$	968.3558	968.3547	F3-6	3.96	Unknown	940.3575, 846.3174, 828.3068, 786.2948, 762.2591, 204.0648, 102.1276	1.14	Hydroxy-wilfordate	27.65
160	$C_{51}H_{51}NO_{22}$	1030.2964	1030.2975	F3-6	5.26	Unknown	988.2973, 908.2592, 890.2497, 866.2449, 796.2427, 736.2290, 204.0638	-1.07	Hydroxy-wilfordate	6.99
161	$C_{53}H_{53}NO_{21}$	1040.3177	1040.3183	F3-8	5.12	Unknown	1012.3219, 994.3105, 918.2814, 900.2698, 876.2698, 858.2586, 746.2442, 686.2229, 326.1018, 298.1063, 260.0925, 204.0652, 186.0544	-0.58	Hydroxy-wilfordate	36.55

162	$C_{49}H_{55}NO_{20}$	978.3398	978.339	F3-6	5.67	Unknown	960.3271, 936.3275, 918.3145, 894.2804, 876.2730, 834.2583, 726.2754, 259.2955, 206.0804, 176.0702, 152.0703, 134.0597	0.82	alkaloid	27.93
163	$C_{49}H_{55}NO_{20}$	978.3365	978.335	F3-7	4.94	Unknown	960.3284, 936.3287, 918.3190, 894.2808, 876.2711, 259.0960, 241.0857, 213.0896, 176.0707, 152.0698, 134.0598, 105.0334	1.53	Hydroxy-wilfordate	17.02
164	$C_{51}H_{49}NO_{20}$	996.2938	996.2921	F3-8	5.38	Unknown	970.3084, 938.2844, 874.2544, 8562434, 816.2496, 204.0647, 105.0327	1.71	Hydroxy-wilfordate	7.51
165	$C_{52}H_{53}NO_{19}$	996.3295	996.3285	F3-9	4.90	Unknown	N.D.	1.00	alkaloid	1.15
166	$C_{46}H_{53}NO_{21}$	956.3193	956.3183	F3-5	4.18	Unknown	928.3229, 910.3116, 874.2755, 856.2647, 838.2529, 796.2449, 702.2383, 684.2269, 666.2184, 624.2065, 582.1961, 564.1868, 522.1765, 361.1292, 319.1173, 301.1057, 259.0964, 222.0763, 204.0653, 186.0548, 158.0956	1.05	Hydroxy-wilfordate	26.33
167	$C_{51}H_{55}NO_{21}$	1018.3363	1018.3358	F3-8	4.89	Unknown	974.3432, 936.2904, 918.2805, 896.2955, 878.2867, 204.0645, 158.0598	0.49	Hydroxy-wilfordate	14.08
168	$C_{42}H_{57}NO_{27}$	1008.3178	1008.3191	F3-8	4.65	Unknown	N.D.	-1.29	alkaloid	N.D.
169	$C_{43}H_{47}NO_{17}$	850.2917	850.2935	F3-6	4.09	Unknown	832.2778, 808.2784, 790.2697, 748.2588, 355.0697, 206.0807, 105.0335	-2.12	Wilfordate/ evoninate	21.27
170	$C_{45}H_{53}NO_{18}$	896.3342	896.3335	F3-7	4.10	Unknown	878.3222, 836.3115, 818.3025, 776.2843, 206.0809, 188.0693, 160.0701	0.78	Wilfordate/ evoninate	8.38
171	$C_{50}H_{53}NO_{18}$	956.3329	956.3335	F3-9	5.05	Unknown	938.3212, 896.3119, 878.2998, 836.2999, 383.9629, 206.0810, 188.0697	-0.63	Wilfordate/ evoninate	3.78
172	$C_{43}H_{49}NO_{17}$	852.3076	852.3073	F3-1	3.53	Unknown	834.2939, 810.2960, 792.2842, 750.2747, 730.2691, 688.2594, 670.2491, 628.2380, 610.2276, 568.2170, 550.2073, 508.1962, 280.1178, 262.1072, 243.1076, 224.0911, 206.0807, 178.0859, 160.0757, 132.0800	0.35	Wilfordate	10.27
173	$C_{46}H_{55}NO_{18}$	910.3483	910.3492	F3-7	3.45	Unknown	892.3977, 850.3280, 808.3093, 790.3046, 766.2704, 706.2489, 686.2794, 602.2230, 584.2139, 542.2031, 482.1813, 464.1719, 421.1496, 379.1390, 361.1279, 319.1172, 301.1069, 259.0961, 241.0857, 206.0809, 178.0860	-0.99	wilfordate	88.79
174	$C_{46}H_{49}NO_{17}$	888.3073	888.3073	F3-6	7.02	Unknown	870.2959, 852.2580, 810.2753, 766.2700, 748.2595, 310.1068, 262.1064, 206.0810, 178.0860, 160.0753, 132.0804, 105.0334	0.00	Wilfordate	45.49
175	$C_{46}H_{49}NO_{17}$	888.3060	888.3073	F3-7	6.94	Unknown	870.2955, 852.2849, 748.2606, 206.0800, 105.0336	-1.46	Wilfordate/ evoninate	7.35

176	$C_{45}H_{51}NO_{18}$	894.3179	894.3179	F3-5	4.47	Unknown	876.3060, 834.2954, 816.2855, 764.2735, 746.2650, 728.2522, 704.2543, 686.2438, 658.2467, 626.2227, 584.2127, 224.0909, 206.0808, 178.0858	0.00	Wilfordate	21.70
177	$C_{39}H_{45}NO_{16}$	784.2807	784.2811	F3-3	6.59	Unknown	766.2694, 748.2583, 706.2489, 644.2336, 280.1173, 262.1077, 224.0898, 206.0807, 160.0741, 105.0335	-0.51	Wilfordate/ evoninate	7.99
178	$C_{39}H_{45}NO_{16}$	784.2806	784.2811	F3-3	7.06	Unknown	766.2703, 748.2615, 724.2580, 706.2466, 310.1077, 206.0804, 121.0489	-0.64	Wilfordate/ evoninate	13.83
179	$C_{45}H_{53}NO_{18}$	896.3342	896.3335	F3-7	4.11	Unknown	878.3211, 837.3102, 819.3031, 776.2892, 748.2605, 714.2745, 696.2603, 259.0941, 206.0808, 188.0699, 160.0756, 105.0333	0.78	Wilfordate	8.38
180	$C_{44}H_{53}NO_{19}$	900.3279	900.3285	F3-1	3.60	Unknown	882.3161, 840.3075, 780.2821, 206.0800	-0.67	Wilfordate/ evoninate	5.95
181	$C_{44}H_{47}NO_{20}$	910.2765	910.2764	F3-4	4.35	Unknown	892.2651, 850.2542, 798.2590, 686.2434, 206.0807, 178.0858	0.11	wilfordate	45.35
182	$C_{37}H_{43}NO_{17}$	774.2593	774.2604	F3-2	7.18	Unknown	756.2476, 738.2377, 696.2291, 584.2173, 355.0700, 300.0866, 271.0504, 262.1069, 224.0919, 206.0805, 178.0856, 160.0754	-1.42	wilfordate	11.87
183	$C_{37}H_{43}NO_{17}$	774.2591	774.2604	F3-2	7.65	Unknown	756.2487, 739.2387, 714.2412, 696.2238, 662.2419, 520.1373, 503.1035, 429.0921, 371.1001, 281.0494, 223.0615, 206.0811, 178.0849, 160.0750	-1.68	wilfordate	2.98
184	$C_{40}H_{51}NO_{18}$	834.3179	834.3179	F3-5	3.44	Unknown	816.3069, 774.2964, 756.2854, 714.2749, 686.2452, 206.0811, 178.0860	0.00	Wilfordate/ evoninate	32.40
185	$C_{44}H_{55}NO_{17}$	846.3532	846.3543	F3-3	3.04	Unknown	N.D.	-1.30	alkaloid	0.02
186	$C_{39}H_{51}NO_{17}$	806.3227	806.3230	F3-4	5.16	Unknown	788.3121, 770.3023, 728.2903, 206.0810, 178.0859, 160.0756	-0.37	iso-wilfordate/iso-evoninate/wilfordate	32.39
187	$C_{53}H_{49}NO_{20}$	1020.2907	1020.2921	F3-8	5.97	Unknown	898.2510, 976.2706, 832.2753, 222.0761, 160.0746	-1.37	alkaloid	0.21
188	$C_{53}H_{49}NO_{22}$	1052.2782	1052.2819	F3-7	5.09	Unknown	940.2634, 918.2805, 874.2875, 222.0760, 176.0701, 158.0599	-3.52	alkaloid	1.91
189	$C_{51}H_{47}NO_{21}$	1010.2689	1010.2713	F3-6	6.29	Unknown	898.2457, 876.2695	-2.38	alkaloid	3.22
190	$C_{53}H_{55}NO_{19}$	1010.3486	1010.3401	F3-5	4.82	Unknown	992.3373, 968.3380, 950.3268, 887.3161, 869.052, 827.2928, 206.0807, 188.0704, 160.0758, 124.0395	8.41	wilfordate	16.94
191	$C_{55}H_{51}NO_{21}$	1062.2991	1062.3026	F3-8	5.15	Unknown	940.2629, 918.2798, 896.2982, 222.0757, 204.0642, 178.0858, 158.0603	-3.29	Hydroxy-wilfordate	6.88
192	$C_{48}H_{53}NO_{21}$	980.3158	980.3183	F3-6	3.63	Unknown	868.2997, 846.3168, 802.3238, 222.0752, 178.0855, 158.0954	-2.55	alkaloid	7.62
193	$C_{53}H_{49}NO_{22}$	1052.2789	1052.2819	F3-7	5.15	Unknown	940.2631, 918.2809, 222.0761, 204.0650, 176.0702, 158.0597, 105.0332	-2.85	Hydroxy-wilfordate	17.42
194	$C_{34}H_{41}NO_{17}$	736.2446	736.2447	F3-1	5.77	Unknown	708.2495, 250.1054, 204.0651, 194.0807, 176.0702	-0.14	Hydroxy-wilfordate	10.99

195	$C_{45}H_{55}NO_{22}$	962.3287	962.3288	F3-2	4.77	Unknown	920.3163, 902.3059, 772.2785, 225.0751, 197.0806, 152.0703, 134.0598	-0.10	alkaloid	16.90
196	$C_{41}H_{51}NO_{19}$	862.3127	862.3128	F3-2	4.21	Unknown	844.3013, 834.3180, 816.3065, 762.2584, 734.2654, 674.2434, 194.0807,	-0.12	alkaloid	21.93
197	$C_{42}H_{49}NO_{20}$	888.2919	888.2921	F3-3	4.53	Unknown	870.2807, 860.2967, 842.2829, 748.2804, 688.2601, 194.0804, 176.0696	-0.23	alkaloid	13.47
198	$C_{44}H_{51}NO_{19}$	898.3131	898.3128	F3-8	4.63	Unknown	N.D.	0.33	alkaloid	0.25
199	$C_{45}H_{51}NO_{19}$	910.3134	910.3128	F3-4	5.00	Unknown	892.3022, 882.3183, 864.3056, 762.2599, 734.2645, 674.2434, 194.0805, 176.0701, 131.0486	0.66	alkaloid	52.75
200	$C_{44}H_{53}NO_{20}$	916.3234	916.3234	F3-4	4.58	Unknown	888.3124, 832.2655, 814.2545, 722.2444, 726.2747, 642.2180, 614.2598, 259.0960, 241.0854, 206.0806, 176.0703, 152.0705, 134.0601	0.00	alkaloid	194.24
201	$C_{44}H_{47}NO_{21}$	926.2716	926.2713	F3-2	5.21	Unknown	908.2589, 884.2595, 838.2536, 796.2446, 754.2338, 712.2228, 684.2270, 642.2178, 582.1954, 259.0959, 241.0858, 213.0907, 194.0807, 176.0702	0.32	Hydroxy-wilfordate	103.86
202	$C_{41}H_{53}NO_{19}$	864.3281	864.3285	F3-3	3.93	Unknown	836.3324, 818.3210, 776.3103, 734.2687, 716.2898, 674.2445, 632.2334, 614.2240, 572.2116, 554.2013, 494.1799, 452.1697, 319.1160, 301.1070, 277.1072, 250.1068, 222.0755, 204.0652, 194.0809, 176.0705, 158.0597	-0.46	Hydroxy-wilfordate	4.97
203	$C_{45}H_{55}NO_{22}$	962.3289	962.3288	F3-2	4.81	Unknown	920.3176, 902.3067, 772.2800, 225.0750, 176.0704, 152.0704, 134.0600	0.10	alkaloid	169.20
204	$C_{50}H_{57}NO_{22}$	1024.3447	1024.3445	F3-4	5.65	Unknown	982.3330, 225.0754, 197.0805, 176.0702, 152.0702, 134.0597, 105.0334	0.20	alkaliod	54.65
205	$C_{448}H_{55}NO_{23}$	1014.3240	1014.3238	F3-3	5.32	Unknown	996.3122, 972.3116, 954.2997, 225.0751, 197.0805, 176.0702, 152.0703	0.20	alkaliod	69.49
206	$C_{38}H_{49}NO_{17}$	792.3070	792.3068	F3-5	2.38	Unknown	N.D.	0.25	alkaliod	N.D.
207	$C_{39}H_{44}NO_{17}$	813.2714	813.2718	F3-2	3.05	Unknown	771.2595, 711.2384, 693.2267, 651.2170, 609.2038, 588.2056, 546.1958, 528.1870, 486.1758, 468.1644, 426.1532, 408.1424, 366.0319, 336.1235, 285.1117, 243.1009, 225.0899, 180.0656, 124.0390	-0.49	alkaliod	11.23
208	$C_{40}H_{45}NO_{17}$	812.2734	812.2760	F3-4	2.93	Unknown	770.2637, 752.2547, 710.2427, 648.2280, 588.2026, 105.0334	-3.20	alkaliod	7.61

209	$C_{36}H_{39}NO_{18}$	774.2241	774.2240	F3-2	2.99	Unknown	756.2135, 732.2126, 714.2019, 672.1911, 620.1967, 602.1854, 560.1749, 518.5648, 500.1543, 458.1443, 440.1325, 317.1015, 257.0806, 229.0858, 180.0650, 124.0390, 106.0286	0.13	evoninate	81.14
210	$C_{41}H_{49}NO_{19}$	860.2976	860.2972	F3-4	3.07	Unknown	800.2736, 776.2379, 758.2272, 716.2169, 698.2070, 656.1960, 604.2010, 586.1930, 544.1802, 484.1592, 460.0585, 442.1488, 424.1379, 400.1376, 364.1174, 319.1160, 301.1061, 277.1057, 259.0965, 241.0856, 180.0650	0.46	alkaliod	20.19
211	$C_{38}H_{49}NO_{18}$	808.3015	808.3022	F3-3	2.63	Unknown	790.2909, 748.2787, 724.2444, 706.2336, 688.2590, 664.2222, 646.2115, 604.2012, 586.1902, 544.1799, 502.1689, 442.1489, 421.1500, 319.1160, 259.0960, 241.0848, 124.0390	-0.87	alkaliod	86.05
212	$C_{41}H_{43}NO_{20}$	870.2455	870.2451	F3-3	3.52	Unknown	810.2229, 768.2138, 750.2030, 708.1898, 690.1783, 656.1959, 638.1814, 596.1776, 544.1812, 525.1433, 502.1691, 484.1587, 442.1506, 425.1385, 382.1278, 319.1163, 259.0967, 241.0846, 213.0917, 180.0651	0.46	alkaliod	18.54
213	$C_{33}H_{41}NO_{16}$	708.2494	708.2498	F3-2	2.48	Unknown	690.2388, 666.2381, 648.2279, 630.2166, 606.2175, 588.2070, 564.2053, 528.1855, 486.1746, 465.1751, 405.1533, 363.1431, 345.1329, 303.1216, 285.1112, 243.1015, 215.1055, 197.0956, 166.0496	-0.56	alkaloid	66.74
214	$C_{35}H_{43}NO_{18}$	766.2544	766.2553	F3-2	2.74	Unknown	748.2445, 724.2441, 706.2336, 664.2222, 646.2116, 604.2011, 586.1906, 544.1802, 502.1695, 484.1597, 421.1485, 379.1381, 361.1273, 319.1165, 301.1063, 259.0955, 241.0838, 213.0899, 180.0646	-1.17	alkaloid	27.63
215	$C_{31}H_{39}NO_{15}$	666.2388	666.2392	F3-1	3.66	Unknown	648.2274, 624.2281, 606.2173, 546.1962, 528.1851, 504.1855, 486.1757, 444.1651, 426.2543, 384.1438, 363.1432, 345.1330, 303.1218, 285.1116, 261.1116, 243.1010, 215.1057, 197.1958, 124.0390	-0.60	alkaloid	28.74
216	$C_{31}H_{39}NO_{14}$	650.2441	650.2443	F3-2	2.86	Unknown	651.4615, 622.3129, 548.2101, 506.2013, 488.1914, 446.1782, 428.1698, 386.1543, 323.0910, 305.1375, 287.1273, 263.1264, 245.1166, 217.1218, 199.1119, 159.0803, 124.0389	-0.31	alkaloid	6.97
217	$C_{44}H_{51}NO_{20}$	914.3066	914.3077	F3-3	5.00	Unknown	898.3117, 872.2944, 826.2891, 802.2902, 784.2766, 742.2722, 702.2415, 674.2416, 642.2172, 582.1997, 512.1924, 301.1023, 259.0962, 241.0866, 194.0804, 176.0700, 152.0705, 134.0596	-1.20	Hydroxy-wilfordate	3.30
218	$C_{37}H_{39}NO_{11}$	674.2603	674.2596	F3-6	3.73	Unknown	249.1487, 231.1370, 203.1426, 143.0854, 124.0390, 103.0538	1.04	alkaloid	5.62

219	$C_{33}H_{35}NO_9$	590.2385	590.2385	F3-5	3.37	Unknown	337.1793, 233.1526, 215.1425, 197.1318, 175.1105, 147.1160, 124.0392	0.00	alkaloid	28.27
220	$C_{36}H_{41}NO_{12}$	680.2706	680.2712	F3-5	3.10	Unknown	289.1425, 247.1331, 229.1223, 211.1109, 187.1118, 161.0958, 124.0391	-0.88	alkaloid	4.88
221	$C_{35}H_{37}NO_7$	584.2635	584.2643	F3-9	3.41	Unknown	339.1942, 217.1580, 199.1480, 175.1104, 145.1007, 124.0390	-1.37	alkaloid	5.52
222	$C_{32}H_{37}NO_{10}$	596.2491	596.2490	F3-4	2.91	Unknown	395.1843, 333.1684, 291.1570, 273.1476, 249.1383, 231.1377, 213.1271, 173.0955, 145.1004, 124.0392, 105.0333	0.17	alkaloid	26.53
223	$C_{35}H_{37}NO_8$	600.2591	600.2592	F3-7	3.60	Unknown	337.1792, 233.1531, 215.1425, 197.1324, 173.0953, 147.1163, 124.0391	-0.17	alkaloid	206.32
224	$C_{35}H_{37}NO_9$	616.2539	616.2541	F3-6	3.53	Unknown	363.1945, 345.1687, 233.1530, 215.1426, 173.0956, 145.1003, 124.0390	-0.32	alkaloid	24.85
225	$C_{37}H_{39}NO_{10}$	658.2646	658.2647	F3-6	3.83	Unknown	353.1740, 249.1483, 231.1374, 203.1423, 124.0390, 105.0333	-0.15	alkaloid	9.70
226	$C_{34}H_{39}NO_{11}$	638.2583	638.2596	F3-6	2.79	Unknown	621.3053, 578.2381, 536.2266, 516.2212, 474.2113, 456.2012, 414.1906, 396.1824, 351.1787, 309.1684, 291.1585, 273.1475, 231.1369, 213.1270, 173.0956, 145.1006, 124.0388	-2.04	alkaloid	15.18
227	$C_{39}H_{41}NO_{10}$	684.2804	684.2803	F3-7	3.95	Unknown	413.1953, 379.1901, 353.1741, 325.1789, 291.1587, 249.1481, 231.1374, 203.1425, 124.0391, 105.0332	0.15	alkaloid	11.00
228	$C_{44}H_{31}NO_{11}$	638.2353	638.2344	F3-1	3.54	Unknown	N.D.	1.41	alkaloid	N.D.
229	$C_{39}H_{41}NO_{11}$	700.2765	700.2752	F3-9	3.64	Unknown	640.2508, 578.2373, 560.2372, 536.2275, 518.2163, 460.1738, 429.0903, 395.1847, 317.1549, 291.1581, 273.1475, 255.1400, 231.1374, 213.1266, 173.0967, 155.0845, 124.0383, 105.0333	1.86	alkaloid	3.90
230	$C_{33}H_{43}NO_{12}$	670.2855	670.2853	F3-6	2.74	Unknown	635.2464, 593.2387, 575.2263, 513.2085, 471.2012, 393.1703, 367.1710, 349.1647, 307.1533, 289.1421, 271.1329, 247.1332, 211.1113, 189.0909	0.30	alkaloid	2.92
231	$C_{46}H_{45}NO_{13}$	820.2953	820.2964	F3-9	4.56	Unknown	778.2867, 698.2584, 656.2487, 638.2351, 594.2326, 576.2219, 534.2106, 472.1973, 430.1851, 412.1750, 351.1576, 333.1472, 289.1472, 271.1311, 247.1312, 229.1218, 201.0262, 124.0387	-1.34	alkaloid	11.79
232	$C_{40}H_{45}NO_{18}$	828.2711	828.2704	F3-3	3.41	Unknown	810.2606, 786.2601, 750.2392, 726.2391, 708.2283, 688.2248, 664.2205, 604.2018, 586.1908, 523.1799, 502.1715, 484.1622, 421.1479, 361.1266, 301.1066, 259.0961, 241.0856, 180.0561, 124.0389	0.85	alkaloid	62.10
233	$C_{36}H_{41}NO_{14}$	712.2604	712.2600	F3-3	3.10	Unknown	610.2266, 550.2067, 428.1709, 368.1492, 305.1379, 287.1275, 263.1275, 245.1169, 227.1061, 175.0751, 145.0642, 124.0392	0.56	alkaloid	166.06

234	$C_{37}H_{45}NO_{14}$	728.2915	728.2913	F3-5	2.84	Unknown	N.D.	0.27	alkaloid	0.95
235	$C_{32}H_{35}NO_{11}$	610.2280	610.2283	F3-5	4.03	Unknown	550.2073, 487.1964, 469.1848, 415.1742, 355.0706, 305.1387, 287.1268, 263.1274, 235.0962, 217.1216, 193.1853, 175.0747, 147.0800	-0.49	alkaloid	17.45
236	$C_{43}H_{54}N_2O_{24}$	983.3077	983.3139	F3-7	5.29	Unknown	965.2790, 647.2853, 923.2824, 853.2795, 800.2552, 748.2582, 688.2370, 485.1652, 310.1068, 262.1079, 231.0997, 206.0807, 188.0701, 160.0751	-6.31	alkaloid	8.86
237	$C_{45}H_{56}N_2O_{23}$	993.3278	993.3347	F3-7	5.82	Unknown	975.2177, 951.3071, 933.3014, 915.2986, 852.2831, 824.8894, 567.3261, 486.0684, 368.0429, 206.0793, 188.0685, 124.0388	-6.95	alkaloid	10.94
238	$C_{58}H_{46}N_2O_{10}$	931.3206	931.3225	F3-7	4.70	Unknown	913.3098, 871.2984, 853.2892, 829.2880, 809.2831, 767.2734, 749.2622, 721.2667, 689.2405, 647.2292, 567.2030, 310.1064, 282.1120, 262.1057, 224.0913, 206.0806, 178.0857, 160.0751, 132.0807	-2.04	alkaloid	37.48
239	$C_{56}H_{44}N_2O_{11}$	921.3007	921.3018	F3-6	4.58	Unknown	903.2887, 861.2773, 843.2680, 206.0806	-1.19	alkaloid	41.70
240	$C_{51}H_{42}N_2O_9$	827.2951	827.2963	F3-3	5.77	Unknown	809.2832, 767.2723, 206.0805, 105.0335	-1.45	alkaloid	34.11
241	$C_{36}H_{58}N_2O_{29}$	983.3170	983.3179	F3-8	5.29	Unknown	N.D.	-0.92	alkaloid	1.19
242	$C_{54}H_{42}N_2O_{10}$	879.2885	879.2912	F3-6	6.76	Unknown	861.2778, 843.2683, 819.2689, 801.2582, 689.2403, 311.1112, 224.0914, 206.0805, 188.0702, 160.0756, 132.0807	-3.07	alkaloid	8.62
243	$C_{42}H_{60}N_2O_{26}$	1009.3441	1009.3507	F3-5	4.85	Unknown	991.3330, 967.3318, 949.3263, 886.3134, 856.2621, 826.2930, 225.0747, 206.0805, 188.0701, 160.0754, 124.085	-6.54	alkaloid	32.55
244	$C_{38}H_{52}N_2O_{22}$	889.3002	889.3084	F3-4	3.75	Unknown	871.2904, 853.2791, 812.2727, 749.2577, 311.1013, 206.0805, 178.0857	-9.22	alkaloid	0.38
245	$C_{59}H_{50}N_2O_{13}$	995.3370	995.3386	F3-6	9.22	Unknown	N.D.	-1.61	alkaloid	N.D.
246	$C_{56}H_{50}N_2O_{10}$	911.3514	911.3538	F3-8	3.98	Unknown	893.3411, 875.3321, 833.3197, 791.3075, 771.3043, 729.2938, 669.2728, 310.1058, 206.0804, 188.0697, 160.0746, 130.0644, 105.0333	-2.63	alkaloid	10.67
247	$C_{58}H_{46}N_2O_{10}$	931.3229	931.3225	F3-1	5.26	Unknown	913.3021, 871.2926, 853.2722, 824.2812, 366.1337, 206.0799, 158.0854	0.43	alkaloid	3.60
248	$C_{38}H_{52}N_2O_{24}$	921.2913	921.2983	F3-1	3.84	Unknown	903.2806, 885.2695, 843.2599, 780.2488, 738.2377, 678.2161, 300.0863, 206.0810, 188.0703, 160.0753, 124.0389	-7.60	alkaloid	N.D.
249	$C_{22}H_{21}O_2$	317.1531	317.1536	F3-9	9.61	Unknown	277.1303, 256.2642, 232.0763, 212.0360, 165.0998, 147.0910, 121.0755	-1.58	Diterpenes	5.65

250	$C_{22}H_{35}NO$	330.2786	330.2791	F3-1	8.41	Unknown	313.1569, 281.1308, 267.1151, 249.1048, 225.0684, 206.1534, 192.1378, 180.1378, 165.1014, 147.0910, 121.0753	-1.51	alkaloid	22.54
251	$C_{22}H_{21}O_2$	317.1528	317.1536	F3-7	9.51	Unknown	287.0871, 249.1075, 218.0634, 193.0769, 165.1017, 147.0912, 121.0756	-2.52	Diterpenes	8.84
252	$C_{21}H_{30}N_2O$	327.2423	327.2431	F3-1	5.30	Unknown	309.2317, 267.1154, 249.1052, 225.0672, 196.0937, 165.1014, 147.0920	-2.44	alkaloid	4.79
253	$C_{19}H_{21}NO_4$	328.1546	328.1543	F3-10	10.28	Unknown	N.D.	0.91	alkaloid	N.D.
254	$C_{20}H_{23}NO_4$	342.1699	342.1700	F3-1	6.92	Unknown	326.1388, 296.1035, 265.0855, 236.0818, 192.1010, 178.0860, 163.0624	-0.29	alkaloid	60.57
255	$C_{20}H_{21}NO_4$	340.1546	340.1543	F3-10	5.92	Unknown	N.D.	0.88	alkaloid	N.D.
256	$C_{20}H_{21}NO_4$	340.1545	340.1543	F3-10	4.95	Unknown	N.D.	0.59	alkaloid	N.D.
257	$C_{22}H_{24}N_2O_4$	381.1814	381.1809	F3-4	11.12	Unknown	383.1814, 367.1537, 349.1183, 318.0967, 274.1346, 236.1085, 218.0903, 190.0631, 150.1329, 132.0431	1.31	alkaloid	N.D.
258	$C_{26}H_{27}N_2O_3$	416.2069	416.2094	F3-1	5.72	Unknown	386.1590, 354.1324, 309.1121, 252.1228, 237.0987, 220.0962, 175.0628	-6.01	alkaloid	24.52
259	$C_{24}H_{23}N_2O_2$	372.1805	372.1832	F3-1	6.26	Unknown	356.1491, 326.1382, 208.0968, 193.0728, 175.0628, 147.0678, 118.0645	-7.25	alkaloid	240.47
260	$C_{20}H_{31}NO_2$	318.2428	318.2428	F3-1	2.52	Unknown	272.2370, 194.1171, 180.1018, 134.0963	0.00	alkaloid	53.43
261	$C_{20}H_{31}NO$	302.2467	302.2478	F3-2	2.12	Unknown	284.2365, 242.1903, 214.1581, 188.1426, 146.0963, 132.0790, 107.0836	-3.64	Diterpenes	1.88
262	$C_{20}H_{31}NO$	302.2471	302.2478	F3-2	2.47	Unknown	284.2364, 269.1891, 233.9371, 201.0869, 159.0455, 114.0900	-2.32	alkaloid	5.31
263	$C_{18}H_{30}O_2$	279.2319	279.2319	F3-8	4.20	Unknown	263.1027, 248.9874, 233.0905, 201.0464, 179.0008, 148.9354, 132.0866	0.00	Diterpenes	2.54
264	$C_{18}H_{32}O_3$	297.2424	297.2424	F3-9	2.80	Unknown	N.D.	0.00	Diterpenes	N.D.
265	$C_{18}H_{28}O_2$	277.2166	277.2162	F3-8	4.53	Unknown	248.9895, 230.5006, 201.0462, 173.0508, 145.0982, 121.0649	1.44	Diterpenes	6.54
266	$C_{20}H_{32}O_2$	305.2474	305.2475	F3-10	2.62	Unknown	N.D.	-0.33	Diterpenes	0.32
267	$C_{22}H_{32}O_3$	345.2402	345.2424	F3-9	3.31	Unknown	298.3075, 273.1505, 250.9618, 231.0920, 207.0576, 165.1016, 135.0913	-6.37	Diterpenes	0.10
268	$C_{19}H_{24}O_2$	285.1849	285.1849	F3-5	5.23	Unknown	270.1608, 255.1377, 237.1259, 201.1266, 171.0798, 147.0802, 111.0801	0.00	Diterpenes	3.39
269	$C_{18}H_{24}N_2O_2$	299.1768	299.1754	F3-8	1.84	Unknown	N.D.	4.68	alkaloid	0.97

270	$C_{50}H_{58}N_2O_{18}$	975.3773	975.3757	F3-8	4.88	Unknown	975.3512, 930.3177, 912.3064, 870.2959, 852.2581, 810.2720, 775.2724, 706.2392, 688.2386, 658.2278, 584.2065, 536.1950, 310.1063, 280.1153, 229.0843, 206.0805, 188.0701, 160.0729, 105.0332	1.64	alkaloid	13.37
271	$C_{50}H_{58}N_2O_{18}$	975.3760	975.3757	F3-7	4.79	Unknown	N.D.	0.31	alkaloid	2.97
272	$C_{45}H_{56}N_2O_{18}$	913.3609	913.3601	F3-9	4.03	Unknown	N.D.	0.88	alkaloid	1.12
273	$C_{48}H_{56}N_2O_{19}$	965.3552	965.3550	F3-8	5.57	Unknown	N.D.	0.21	alkaloid	N.D.
274	$C_{44}H_{56}N_2O_{19}$	917.3544	917.3542	F3-8	4.05	Unknown	N.D.	0.22	alkaloid	0.14
275	$C_{41}H_{56}N_2O_{18}$	865.3599	865.3601	F3-10	3.47	Unknown	N.D.	-0.23	alkaloid	0.01
276	$C_{44}H_{56}N_2O_{20}$	933.3500	933.3499	F3-6	4.56	Unknown	N.D.	0.11	alkaloid	N.D.
277	$C_{41}H_{56}N_2O_{18}$	865.3602	865.3601	F3-3	3.60	Unknown	837.3354, 806.2857, 788.2750, 771.2686, 746.2652, 728.2536, 686.2452, 626.2231, 319.1165, 231.1003, 206.0807, 188.0701, 160.0756, 132.0806	0.12	alkaloid	15.42
278	$C_{53}H_{58}N_2O_{22}$	1075.3571	1075.3554	F3-7	5.13	Unknown	1030.2961, 984.2913, 918.2807, 900.2691, 858.2578, 806.2646, 746.2436, 686.2186, 308.0904, 204.0646, 186.0543, 158.0599	1.58	alkaloid	13.76
279	$C_{52}H_{60}N_2O_{20}$	1033.3818	1033.3812	F3-5	4.83	Unknown	N.D.	0.58	alkaloid	0.03
280	$C_{50}H_{58}N_2O_{21}$	1023.3612	1023.3605	F3-5	4.72	Unknown	978.2995, 950.3076, 911.2724, 878.3039, 856.2648, 838.2541, 814.2532, 796.2443, 778.2390, 754.2304, 684.2285, 624.2509, 288.0843, 259.0935, 241.0858, 222.0742, 204.0649, 186.0544, 158.0595, 130.0361	0.68	alkaloid	8.92
281	$C_{49}H_{58}N_2O_{22}$	1027.3558	1027.3554	F3-9	4.47	Unknown	N.D.	0.39	alkaloid	0.05
282	$C_{53}H_{58}N_2O_{22}$	1075.3517	1075.3554	F3-7	5.12	Unknown	1030.2962, 1002.3015, 918.2810, 900.2709, 876.2713, 858.2585, 840.2505, 806.2646, 764.2561, 746.2428, 260.0916, 204.0647, 186.0546, 158.0601, 105.0332	-3.44	alkaloid	13.76
283	$C_{48}H_{56}N_2O_{22}$	1013.3404	1013.3397	F3-4	4.43	Unknown	968.2793, 940.2869, 856.2652, 838.2545, 814.2540, 796.2433, 778.2333, 744.2492, 726.2377, 702.2376, 684.2274, 642.2170, 624.2066, 582.1955, 522.1757, 260.0906, 222.0755, 204.0651, 176.0703	0.69	alkaloid	26.07
284	$C_{55}H_{60}N_2O_{21}$	1085.3775	1085.3761	F3-8	5.60	Unknown	1040.3172, 994.3115, 918.2803, 900.2696, 858.2586, 806.2635, 746.2431, 686.2259, 308.0904, 308.0904, 241.0857, 204.0649, 186.0550	1.29	alkaloid	15.23

285	$C_{50}H_{58}N_2O_{21}$	1023.3612	1023.3605	F3-5	4.72	Unknown	978.2995, 950.3076, 932.2970, 878.3039, 856.2648, 838.2541, 796.2443, 778.2390, 754.2304, 736.2226, 684.2285, 624.2059, 288.0843, 259.0935, 241.0858, 222.0742, 204.0649, 186.0544, 158.0595, 130.0631	0.68	alkaloid	8.92
286	$C_{48}H_{54}N_2O_{20}$	981.3497	981.3499	F3-5	4.63	Unknown	N.D.	-0.20	alkaloid	6.24
287	$C_{51}H_{56}N_2O_{23}$	1065.3362	1065.3347	F3-6	5.07	Unknown	1020.2772, 992.2818, 974.2716, 908.2601, 890.2500, 868.2476, 849.2444, 830.2285, 796.2466, 778.2324, 754.2329, 736.2236, 676.6989, 222.0758, 204.0653, 186.0552, 158.0601	1.41	alkaloid	12.87
288	$C_{31}H_{55}NO_{14}$	666.3692	666.3695	F3-10	2.82	Unknown	649.4025, 624.3109, 567.2509, 509.1840, 453.1212, 433.1519, 397.0594, 378.0940, 351.1729, 321.0303, 279.1139, 259.1653, 223.0509, 189.1607	-0.45	alkaloid	3.48
289	$C_{26}H_{39}NO_6$	462.2854	462.2850	F3-8	2.47	Unknown	442.3172, 403.2059, 372.1899, 346.1389, 316.1295, 285.1100, 240.0768, 207.0316, 176.9969, 147.0652, 130.0569, 107.0801	0.87	alkaloid	6.56
290	$C_{30}H_{38}O_6$	495.2746	495.2741	F3-9	6.44	Unknown	467.2782, 450.2725, 421.2734, 353.2077, 325.1793, 283.1310, 231.1008, 203.1793, 173.1310, 147.1162, 109.1009	1.01	Triterpenoids	1.43
291	$C_{29}H_{38}O_6$	483.2742	483.2741	F3-10	10.73	Unknown	N.D.	0.21	Triterpenoids	N.D.
292	$C_{30}H_{38}O_5$	479.2800	479.2792	F3-9	6.74	Unknown	245.1163, 231.1008, 201.1627, 173.1321, 119.0854	1.67	Triterpenoids	2.08
293	$C_{25}H_{36}O_5$	385.2739	385.2737	F3-9	5.44	Unknown	349.0267, 327.1815, 305.1323, 286.1805, 249.1028, 231.0414, 203.1785, 175.1464, 147.1161, 107.0855	0.52	Triterpenoids	0.76
294	$C_{28}H_{36}O_3$	421.2736	421.2737	F3-9	4.57	Unknown	N.D.	-0.24	Triterpenoids	N.D.
295	$C_{28}H_{36}O_3$	421.2733	421.2737	F3-10	7.00	Unknown	N.D.	-0.95	Triterpenoids	N.D.
296	$C_{30}H_{42}O_4$	467.3154	467.3156	F3-10	4.83	Unknown	N.D.	-0.43	Triterpenoids	N.D.
297	$C_{31}H_{46}O_3$	467.3525	467.3520	F3-10	4.78	Unknown	407.3327, 313.2529, 283.2610, 247.1677, 215.1786, 178.1474, 145.1008	1.07	Triterpenoids	2.67
298	$C_{29}H_{44}O_3$	441.3359	441.3363	F3-8	9.31	Unknown	N.D.	-0.91	Triterpenoids	0.05
299	$C_{49}H_{98}N_2O_{10}$	875.7313	875.7294	F3-10	1.26	Unknown	N.D.	2.17	alkaloid	N.D.
300	$C_{49}H_{98}N_2O_{10}$	875.7308	875.7294	F3-10	2.07	Unknown	N.D.	1.60	alkaloid	0.06
301	$C_{49}H_{98}N_2O_{10}$	875.7319	875.7294	F3-10	1.64	Unknown	N.D.	2.85	alkaloid	0.01
302	$C_{55}H_{41}N_2O_9$	874.2887	874.2885	F3-5	6.55	Unknown	860.2749, 842.2636, 800.2350, 748.2610, 726.2366, 706.2479, 628.2170, 524.1928, 464.1709, 449.3596, 310.1067, 262.1092, 206.0808, 188.0693	0.23	alkaloid	5.38
303	$C_{42}H_{51}NO_{19}$	874.3118	874.3128	F3-3	6.80	Unknown	856.3030, 838.2839, 796.2778, 734.2651, 602.2194, 449.3595, 309.2014, 262.1071, 206.0805, 178.0855, 160.0746, 132.0801	-1.14	alkaloid	10.30

304	$C_{39}H_{21}NO_2$	536.1642	536.1645	F3-10	1.51	Unknown	503.1072, 415.0362, 341.0172, 297.0822, 281.0510, 221.0841, 147.0652	-0.56	alkaloid	9.21
305	$C_{39}H_{21}NO_2$	536.1603	536.1645	F3-10	2.08	Unknown	503.1083, 450.3601, 415.0354, 341.0173, 297.0813, 281.0508, 261.0845, 221.0834, 201.1573, 175.1447, 147.0644, 119.0844	-7.83	alkaloid	2.73
306	$C_{20}H_{35}NO_{20}$	610.1830	610.1833	F3-1	1.52	Unknown	579.1232, 489.0571, 415.0356, 371.1000, 355.0696, 281.0510, 251.0955	-0.49	alkaloid	3.83
307	$C_{44}H_{29}NO_7$	684.2026	684.2017	F3-10	1.50	Unknown	N.D.	1.32	alkaloid	1.32
308	$C_{21}H_{23}NO_4$	354.1697	354.1700	F3-1	8.88	Unknown	338.1386, 310.1430, 280.1322, 192.1016, 148.0416, 120.0566	-0.85	alkaloid	336.16
309	$C_{21}H_{21}NO_4$	352.1540	352.1543	F3-1	9.54	Unknown	337.1305, 322.1065, 308.1275	-0.85	alkaloid	N.D.
310	$C_{21}H_{21}NO_4$	352.1544	352.1543	F3-1	8.97	Unknown	336.1229, 294.1123, 278.0810, 250.0864, 192.1014, 148.0513, 120.0564	0.28	alkaloid	435.55
311	$C_{22}H_{23}NO_4$	366.1698	366.1700	F3-1	8.63	Unknown	350.1384, 336.1222, 322.1431, 308.1271, 292.0962, 264.1012	-0.55	alkaloid	96.74
312	$C_{15}H_{28}N_2O_5$	317.2089	317.2098	F3-10	4.27	Unknown	289.3861, 254.0828, 234.0864, 183.0860, 152.0694, 131.0161, 111.0790	-2.84	alkaloid	1.86
313	$C_{18}H_3NO_3$	318.3005	318.3003	F3-10	6.27	Unknown	300.2954, 268.1426, 247.0122, 214.7903, 170.0226, 152.0699, 132.0978	0.63	alkaloid	N.D.
314	$C_{35}H_{62}NO_{10}$	657.4443	657.4446	F3-9	2.90	Unknown	527.3311, 499.3381, 427.2792, 399.2846, 314.1960, 232.1521, 214.1434, 196.1327, 186.1488, 168.1378	-0.46	alkaloid	14.17
315	$C_{36}H_{64}NO_{10}$	671.4597	671.4603	F3-9	2.96	Unknown	541.3417, 513.3533, 441.2958, 414.2473, 386.2530, 314.1956, 245.0804, 214.1433, 196.1327, 186.1484, 168.1377	-0.89	alkaloid	13.96
316	$C_{37}H_{66}NO_{10}$	685.4755	685.4759	F3-9	2.88	Unknown	640.4165, 612.4199, 527.3328, 445.2896, 427.2802, 314.1961, 214.1432	-0.58	alkaloid	22.34
317	$C_{42}H_{67}NO_7$	698.4996	698.4990	F3-9	5.57	Unknown	681.4722, 653.4395, 624.4625, 603.4323, 552.4942, 519.3672, 479.2110, 429.0856, 371.0999, 297.0812, 251.0676, 222.0815, 203.1605, 167.0563	0.86	alkaloid	1.51
318	$C_{23}H_{37}NO_6$	460.2693	460.2694	F3-6	8.54	Unknown	382.0967, 281.0503, 223.0406, 147.0648, 119.0851, 107.0852	-0.22	alkaloid	5.72
319	$C_{20}H_{35}NO_{15}$	530.2076	530.2079	F3-10	6.62	Unknown	512.1954, 494.1865, 466.1866, 437.1488, 421.1362, 404.1390, 376.1431, 315.1119, 359.1211, 227.0579, 195.0917, 163.0371, 145.1015	-0.57	alkaloid	3.27
320	$C_{27}H_{24}N_2O_4$	441.1807	441.1809	F3-10	11.32	Unknown	N.D.	-0.45	alkaloid	2.04
321	$C_{28}H_{27}N_2O_4$	455.1961	455.1965	F3-9	3.42	Unknown	N.D.	-0.88	alkaloid	N.D.
322	$C_{34}H_{40}NO_3$	511.3029	511.3081	F3-3	10.81	Unknown	483.3499, 409.1294, 376.3217, 340.1455, 262.4419, 262.4419, 218.1232, 199.9876, 121.0469, 102.1279	-10.17	alkaloid	2.11

323	$C_{33}H_{49}NO_6$	556.3636	556.3633	F3-10	7.10	Unknown	N.D.	0.54	alkaloid	3.92
324	$C_{34}H_{51}NO_6$	570.3797	570.3789	F3-10	7.12	Unknown	533.2840, 511.3044, 483.3099, 465.2622, 438.2709, 419.2579, 382.3013, 348.9962, 327.1937, 297.1474, 277.2125, 263.1272, 221.1550, 179.0690, 159.0612, 129.0695, 109.1013	1.40	alkaloid	2.82

* N.D.=Not detected