Cannabinoids (Synthetic) by LC-MS/MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

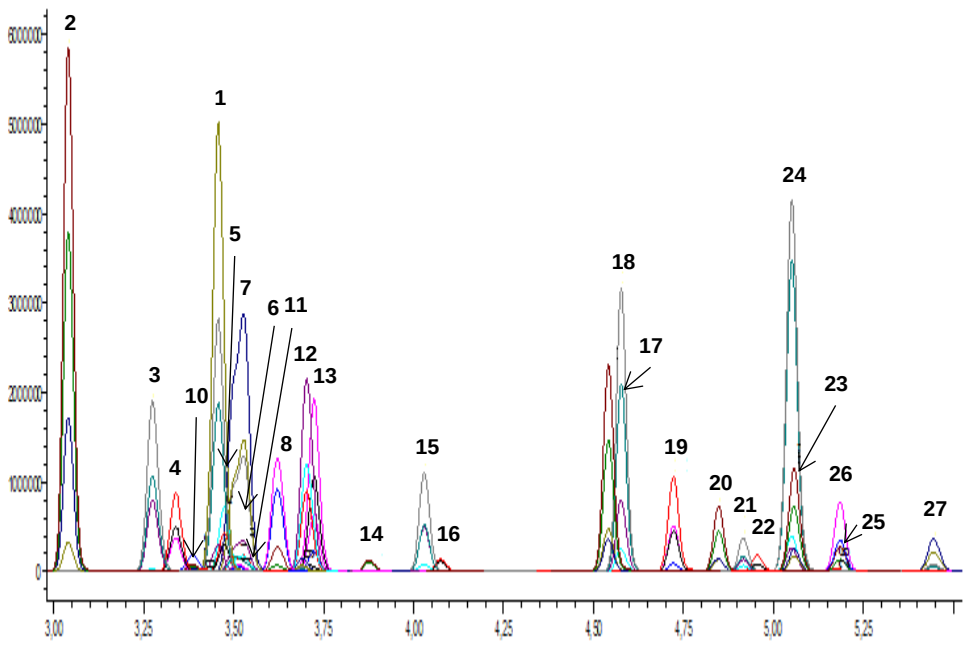
Application #AN2540

Conditions

Column:	ACE Excel 3 C18-AR
Dimensions:	100 x 3.0 mm
Part Number:	EXL-119-1003U
Mobile Phase:	A: 15 mM ammonium formate pH 4.0 in H_2O
	B: 0.1% formic acid in MeCN

Time (mins)	%B
0.00	40
3.74	90
8.00	90
8.50	40

Flow Rate:	0.5 mL/min
Injection:	10 µL
Temperature:	40 °C
Detection:	Shimadzu LCMS 8040 MS
	Positive ion ESI



1. JWH-018 N-5-OH-pentyl-d5
   (*m/z* 362.90 → 155.05; 127.00; 128.05)
2. JWH-250 N-5-OH-pentyl
   (*m/z* 352.20 → 121.15; 91.10; 186.05)
3. JWH-073 N-4-OH-butyl
   (*m/z* 344.20 → 155.00; 127.10; 54.95)
4. JWH-018 N-pentanoic
   (*m/z* 372.20 → 155.05; 127.10)
5. JWH-018 N-5-OH-pentyl
   (*m/z* 357.80 → 155.05; 127.05)
6. AM2201 N-4-OH-pentyl
   (*m/z* 376.40 → 155.00; 127.00; 144.00)
7. AM2201 5/6-OH-indole
   (*m/z* 375.90 → 155.05; 127.05; 248.10)
8. JWH-081 N-5-OH-pentyl
   (*m/z* 388.20 → 185.05; 157.05; 114.15)
9. MAM2201 N-4-OH-pentyl
   (*m/z* 389.60 → 169.00; 141.05; 115.15)
10. AB-CHMINACA
    (*m/z* 356.70 → 241.05; 312.20; 340.15)
11. UR-144 N-pentanoic
    (*m/z* 341.60 → 125.10; 55.05; 57.10)
12. JWH-019 N-6-OH-hexyl
    (*m/z* 371.80 → 155.05; 127.00; 144.00)
13. JWH-122 N-5-OH-pentyl
    (*m/z* 372.20 → 169.05; 141.05; 115.15)
14. AKB48 N-pentanoic
    (*m/z* 395.60 → 135.00; 93.10; 79.05)
15. JWH-018 5-OH-indole
    (*m/z* 358.20 → 155.00; 127.05; 230.05)
16. AKB48 N-5-OH-pentyl
    (*m/z* 381.60 → 135.10; 93.10; 79.05)
17. JWH-210 5-OH-indole
    (*m/z* 386.10 → 183.05; 153.10; 155.05)
18. PB-22
    (*m/z* 358.80 → 214.05; 144.05; 116.00)
19. JWH-073
    (*m/z* 328.20 → 127.10; 155.05; 200.10)
20. EAM2201
    (*m/z* 387.70 → 183.10; 232.10; 155.10)
21. JWH-122 N-4-pentenyl
    (*m/z* 353.70 → 169.05; 141.10; 115.10)
22. JWH-018
    (*m/z* 341.70 → 155.00; 127.05; 214.10)
23. JWH-081
    (*m/z* 372.10 → 185.05; 157.15; 127.10)
24. AKB48F
    (*m/z* 384.30 → 135.15; 107.10; 93.10)
25. THJ-018
    (*m/z* 342.60 → 215.10; 145.05; 90.00)
26. JWH-122
    (*m/z* 356.30 → 169.05; 141.10; 115.15)
27. JWH-210
    (*m/z* 370.10 → 183.10; 155.10; 153.10)

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