Segment#1
Intensity

A   TIC(+)@1 (1)

B   TIC(-)@2 (1)

C   ELSD

D   1 PDA Multi 1 215nm,4nm

E   Positive2,152

F   Negative2,154

Peak Table C-3071-I-A06
AD2

Peak#	Ret. Time	Area	Area%
1	2,154	347646	81,195
2	2,234	80517	18,805
Total		428162	100,000

PDA Ch1 215nm

Peak#	Ret. Time	Area	Area%
1	1,998	27001	1,222
2	2,044	1160611	52,533
3	2,073	392245	17,754
4	2,130	305785	13,841
5	2,148	323678	14,651
Total		2209319	100,000

Figure S6: HPLC-MS analyses of the fraction C-3071-I-A06 from the *C. chinensis* extract enriched in astragalin. (A) Total ion chromatogram (TIC) in positive ion mode; (B) TIC in negative ion mode; (C) Chromatogram of the evaporative light scattering detector (ELSD); (D) Chromatogram of the photodiode array detector (PDA); (E-F) Mass spectra of the identified compound in positive and negative ion mode.

Current Data Parameters
NAME   C3071IS.005
EXPNO   1
PROCNO   1

F2 - Acquisition Parameters
Date_   20191101
Time   11.06
INSTRUM   spect
PROBHD   5 mm QNP 1H/1
PULPROG   zg30
TD   32768
SOLVENT   MeOH
NS   32
DS   2
SWH   8278.146 Hz
FIDRES   0.252629 Hz
AQ   1.9791873 sec
RG   128
DW   60.400 usec
DE   6.00 usec
TE   300.0 K
D1   1.00000000 sec

======== CHANNEL f1 ========
NUC1   1H
P1   11.60 usec
PL1   5.00 dB
SFO1   400.1324710 MHz

F2 - Processing parameters
SI   16384
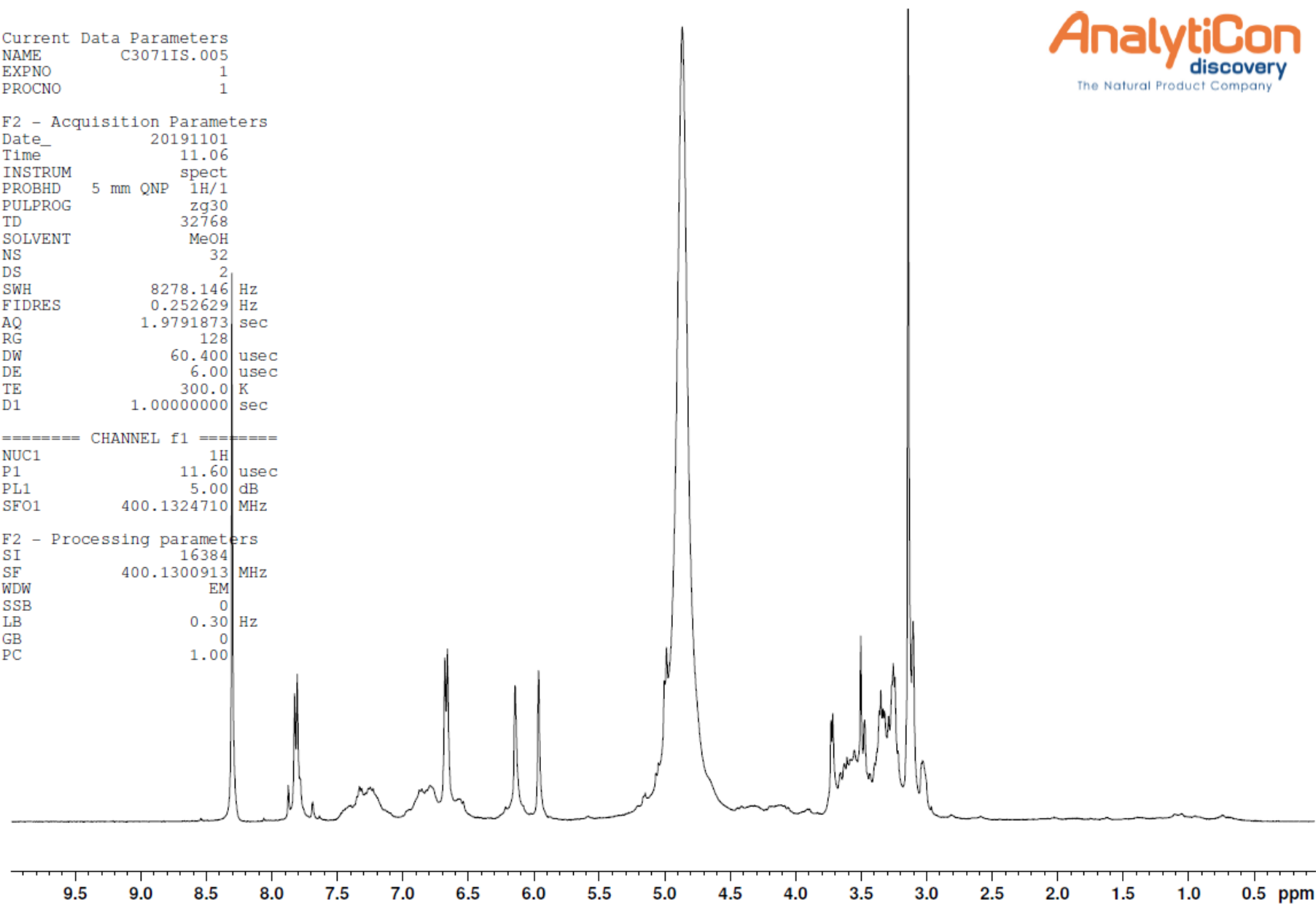SF   400.1300913 MHz
WDW   EM
SSB   0
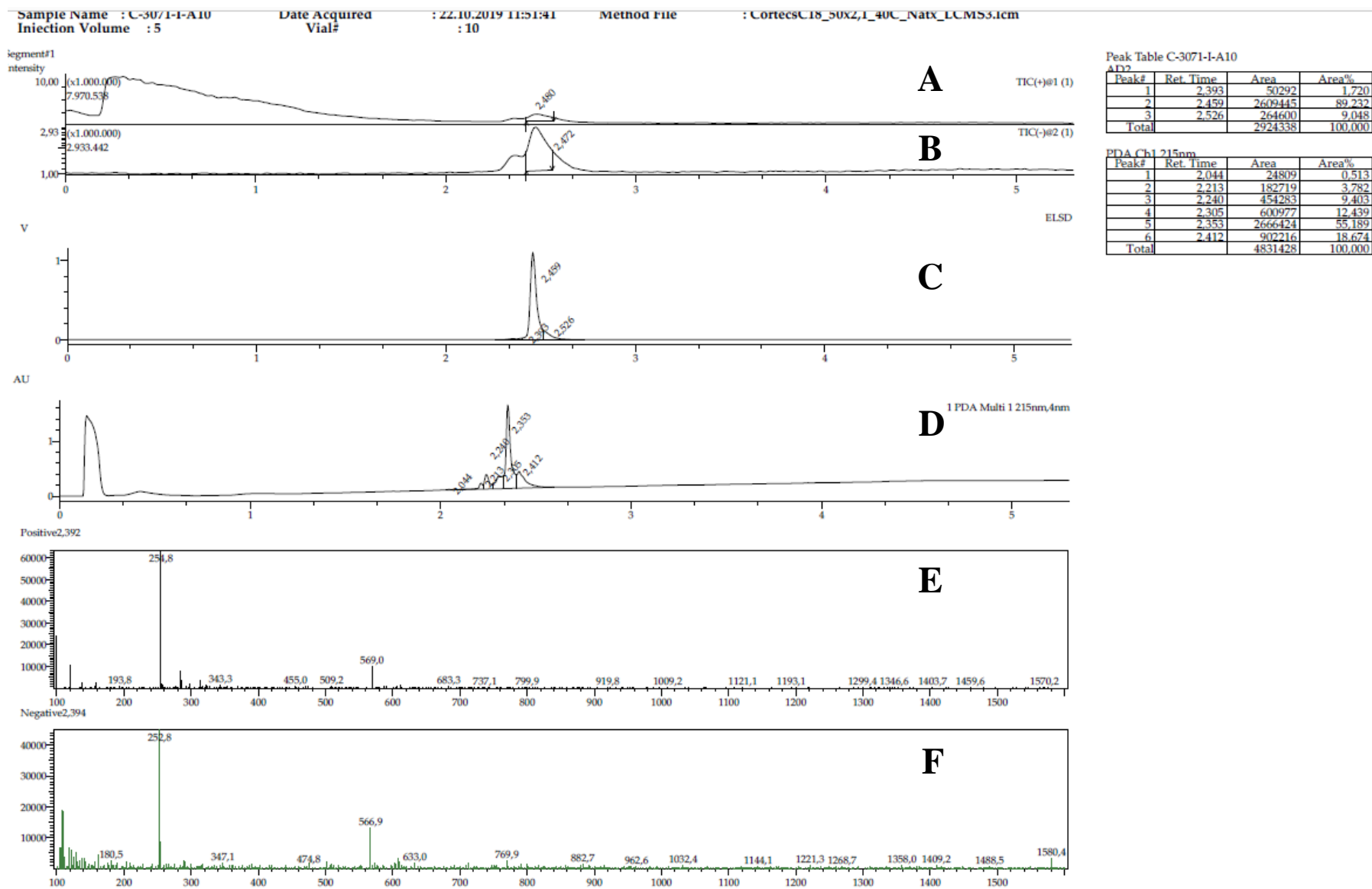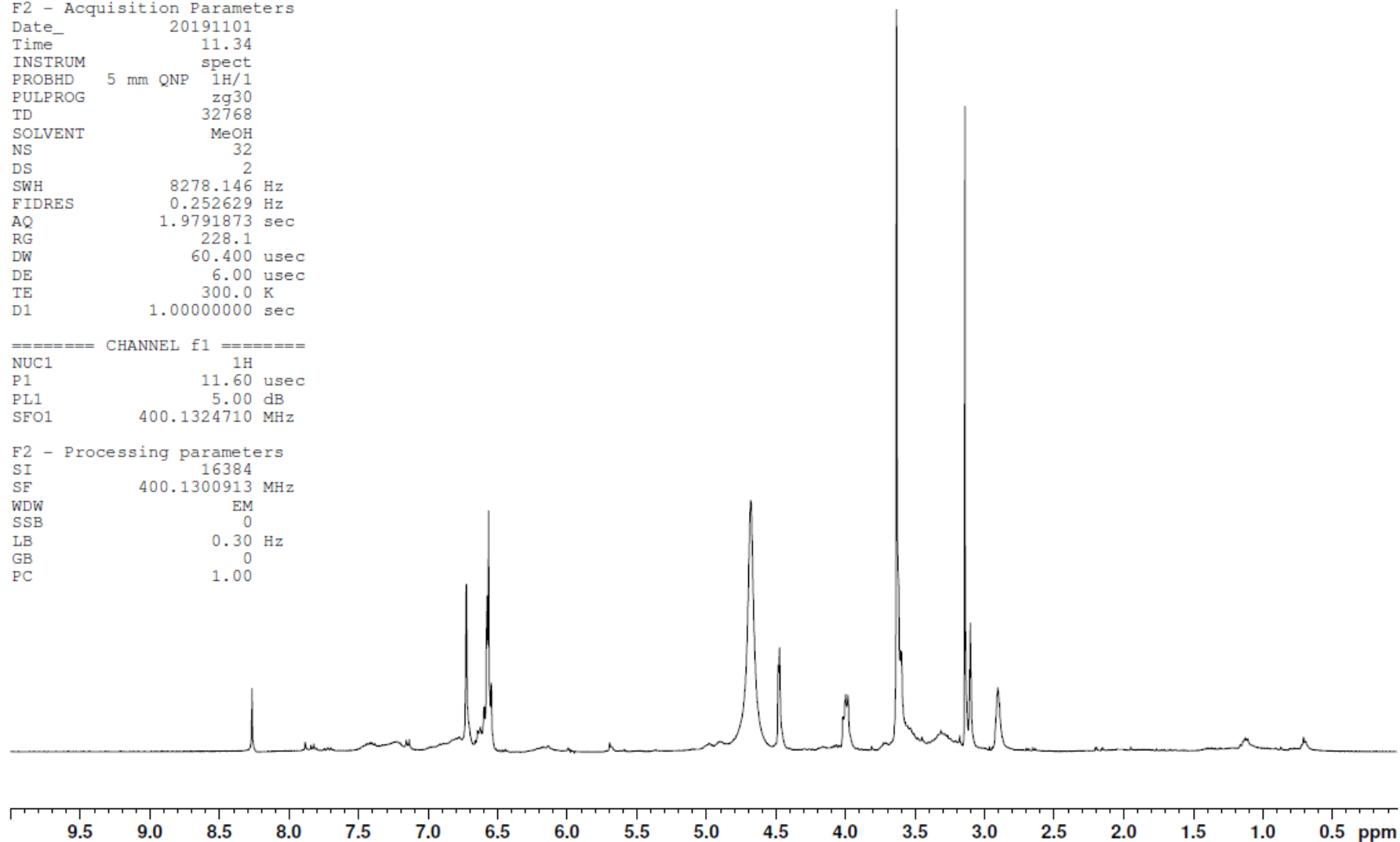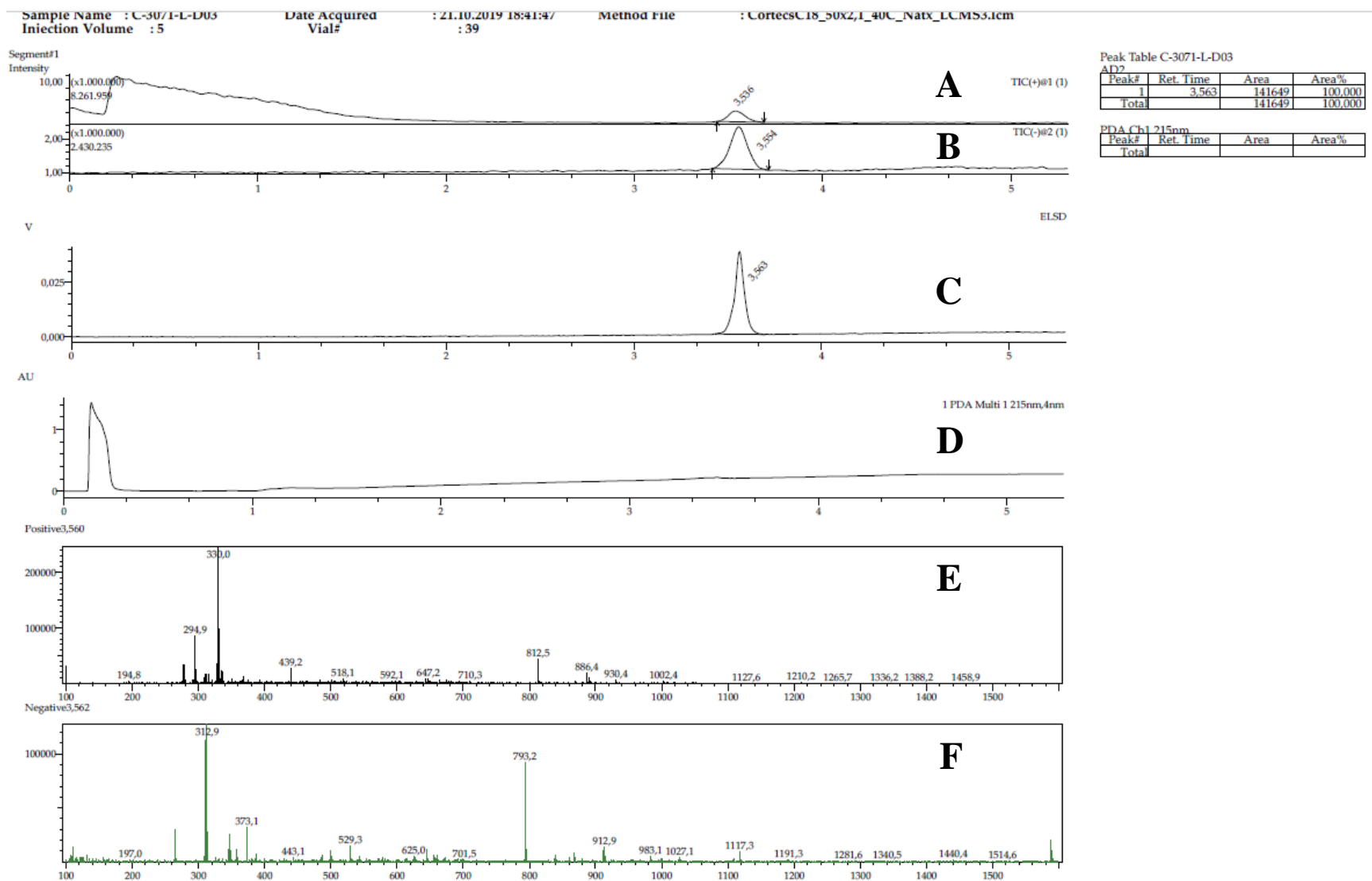LB   0.30 Hz
GB   0
PC   1.00

Figure S7: NMR spectrum of astragalin.

Segment#1
Intensity

10,00 (x1.000.000)
7.970.538

A   TIC(+)@1 (1)

2,480

2,93 (x1.000.000)
2.933.442

B   TIC(-)@2 (1)

2,472

1,00

0   1   2   3   4   5

ELSD

V

1

C

2,459

0

2,526

0   1   2   3   4   5

AU

D   1 PDA Multi 1 215nm,4nm

2,353
2,240
2,044 2,213 2,305 2,412

0   1   2   3   4   5

Positive2,392

60000
50000
40000
30000
20000
10000

254,8

E

569,0

193,8   343,3   455,0 509,2   683,3 737,1 799,9   919,8   1009,2   1121,1 1193,1   1299,4 1346,6 1403,7 1459,6   1570,2

100   200   300   400   500   600   700   800   900   1000   1100   1200   1300   1400   1500

Negative2,394

40000
30000
20000
10000

252,8

F

566,9

180,5   347,1   474,8   633,0   769,9   882,7   962,6   1032,4   1144,1   1221,3 1268,7   1358,0 1409,2   1488,5   1580,4

100   200   300   400   500   600   700   800   900   1000   1100   1200   1300   1400   1500

Peak Table C-3071-I-A10
AD2

Peak#	Ret. Time	Area	Area%
1	2,393	50292	1,720
2	2,459	2609445	89,232
3	2,526	264600	9,048
Total		2924338	100,000

PDA Ch1 215nm

Peak#	Ret. Time	Area	Area%
1	2,044	24809	0,513
2	2,213	182719	3,782
3	2,240	454283	9,403
4	2,305	600977	12,439
5	2,353	2666424	55,189
6	2,412	902216	18,674
Total		4831428	100,000

Figure S8: HPLC-MS analyses of the fraction C-3071-I-A10 from the *C. chinensis* extract enriched in pinoresinol. (A) Total ion chromatogram (TIC) in positive ion mode; (B) TIC in negative ion mode; (C) Chromatogram of the evaporative light scattering detector (ELSD); (D) Chromatogram of the photodiode array detector (PDA); (E-F) Mass spectra of the identified compound in positive and negative ion mode.

Figure S9: NMR spectrum of pinoresinol.

Segment#1
Intensity

A   TIC(+)@1 (1)

10,00 (x1.000.000)
8.261.950

3,556

B   TIC(-)@2 (1)

2,00 (x1.000.000)
2.430.235

1,00

0

3,554

Peak#	Ret. Time	Area	Area%
1	3,563	141649	100,000
Total		141649	100,000

PDA Ch1 215nm

Peak#	Ret. Time	Area	Area%
Total			

V

ELSD

0,025

C

3,563

0,000

AU

D   1 PDA Multi 1 215nm,4nm

Positive3,560

E

200000

330,0

100000

294,9

194,8

439,2

518,1   592,1 647,2 710,3

812,5

886,4 930,4   1002,4   1127,6   1210,2 1265,7   1336,2 1388,2   1458,9

Negative3,562

F

100000

312,9

793,2

373,1

197,0

443,1

529,3

625,0 701,5

912,9

983,1 1027,1

1117,3

1191,3   1281,6 1340,5   1440,4   1514,6

Figure S10: HPLC-MS analyses of the fraction C-3071-L-D03 from the *C. chinensis* extract enriched in zingibroside R1. (A) Total ion chromatogram (TIC) in positive ion mode; (B) TIC in negative ion mode; (C) Chromatogram of the evaporative light scattering detector (ELSD); (D) Chromatogram of the photodiode array detector (PDA); (E-F) Mass spectra of the identified compound in positive and negative ion mode.
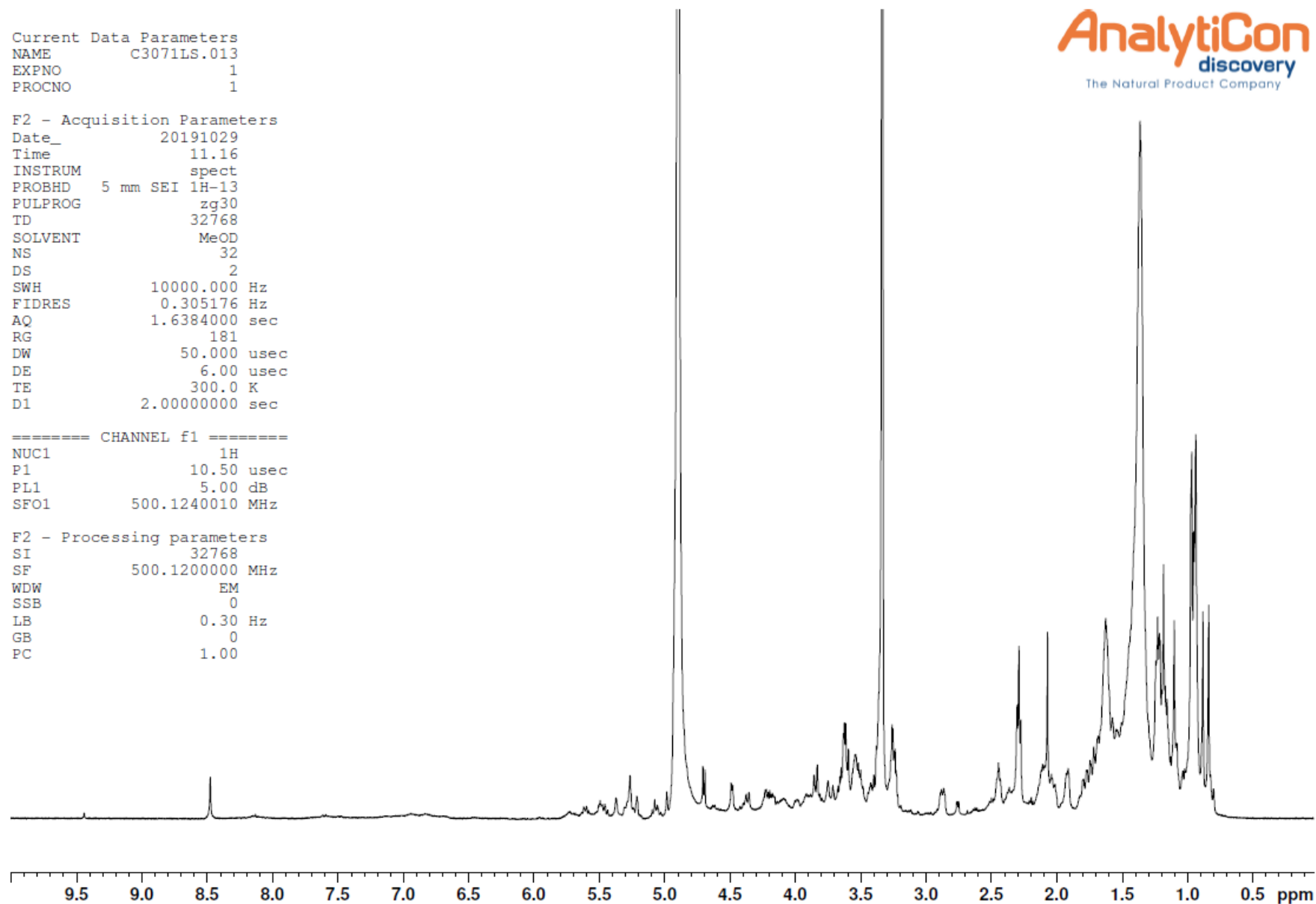
Figure S11: NMR spectrum of zingibroside R1.