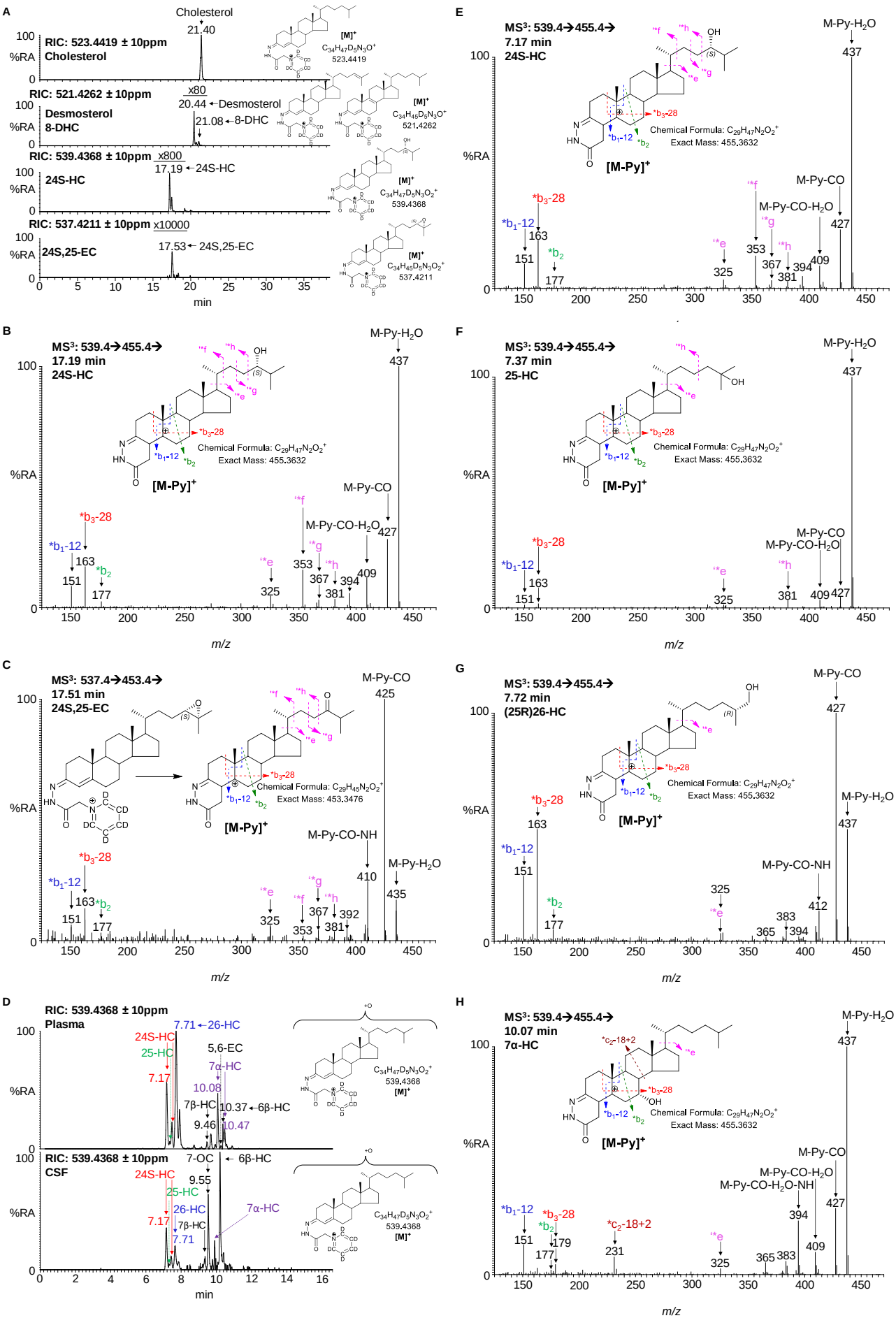
A
Cholesterol
21.40
RIC: 523.4419 ± 10ppm
Cholesterol
[M]+
C34H47D5N3O+
523.4419
RIC: 521.4262 ± 10ppm
x80
20.44 ←Desmosterol
21.08 ←8-DHC
Desmosterol
8-DHC
[M]+
C34H45D5N3O+
521.4262
RIC: 539.4368 ± 10ppm
x800
17.19 ←24S-HC
24S-HC
[M]+
C34H47D5N3O2+
539.4368
RIC: 537.4211 ± 10ppm
x10000
17.53 ←24S,25-EC
24S,25-EC
[M]+
C34H45D5N3O2+
537.4211
%RA
min
B
MS3: 539.4→455.4→
17.19 min
24S-HC
M-Py-H2O
437
Chemical Formula: C29H47N2O2+
Exact Mass: 455.3632
[M-Py]+
M-Py-CO
M-Py-CO-H2O
427
409
394
381
367
353
325
177
163
151
m/z
C
MS3: 537.4→453.4→
17.51 min
24S,25-EC
M-Py-CO
425
Chemical Formula: C29H45N2O2+
Exact Mass: 453.3476
[M-Py]+
M-Py-CO-NH
410
M-Py-H2O
435
392
367
381
353
325
177
163
151
m/z
D
RIC: 539.4368 ± 10ppm
Plasma
7.71 ←26-HC
24S-HC
25-HC
5,6-EC
7α-HC
7.17
10.08
7β-HC
10.37 ←6β-HC
9.46
10.47
C34H47D5N3O2+
539.4368
[M]+
RIC: 539.4368 ± 10ppm
CSF
7-OC
← 6β-HC
24S-HC
9.55
25-HC
26-HC
7α-HC
7.17
7β-HC
7.71
min
E
MS3: 539.4→455.4→
7.17 min
24S-HC
M-Py-H2O
437
Chemical Formula: C29H47N2O2+
Exact Mass: 455.3632
[M-Py]+
M-Py-CO
M-Py-CO-H2O
427
409
394
381
367
353
325
177
163
151
m/z
F
MS3: 539.4→455.4→
7.37 min
25-HC
M-Py-H2O
437
Chemical Formula: C29H47N2O2+
Exact Mass: 455.3632
[M-Py]+
M-Py-CO
M-Py-CO-H2O
427
409
381
325
163
151
m/z
G
MS3: 539.4→455.4→
7.72 min
(25R)26-HC
M-Py-CO
427
M-Py-H2O
437
Chemical Formula: C29H47N2O2+
Exact Mass: 455.3632
[M-Py]+
M-Py-CO-NH
412
383
365
394
325
177
163
151
m/z
H
MS3: 539.4→455.4→
10.07 min
7α-HC
M-Py-H2O
437
Chemical Formula: C29H47N2O2+
Exact Mass: 455.3632
[M-Py]+
M-Py-CO
M-Py-CO-H2O
M-Py-CO-H2O-NH
427
409
394
383
365
325
231
179
177
151
m/z