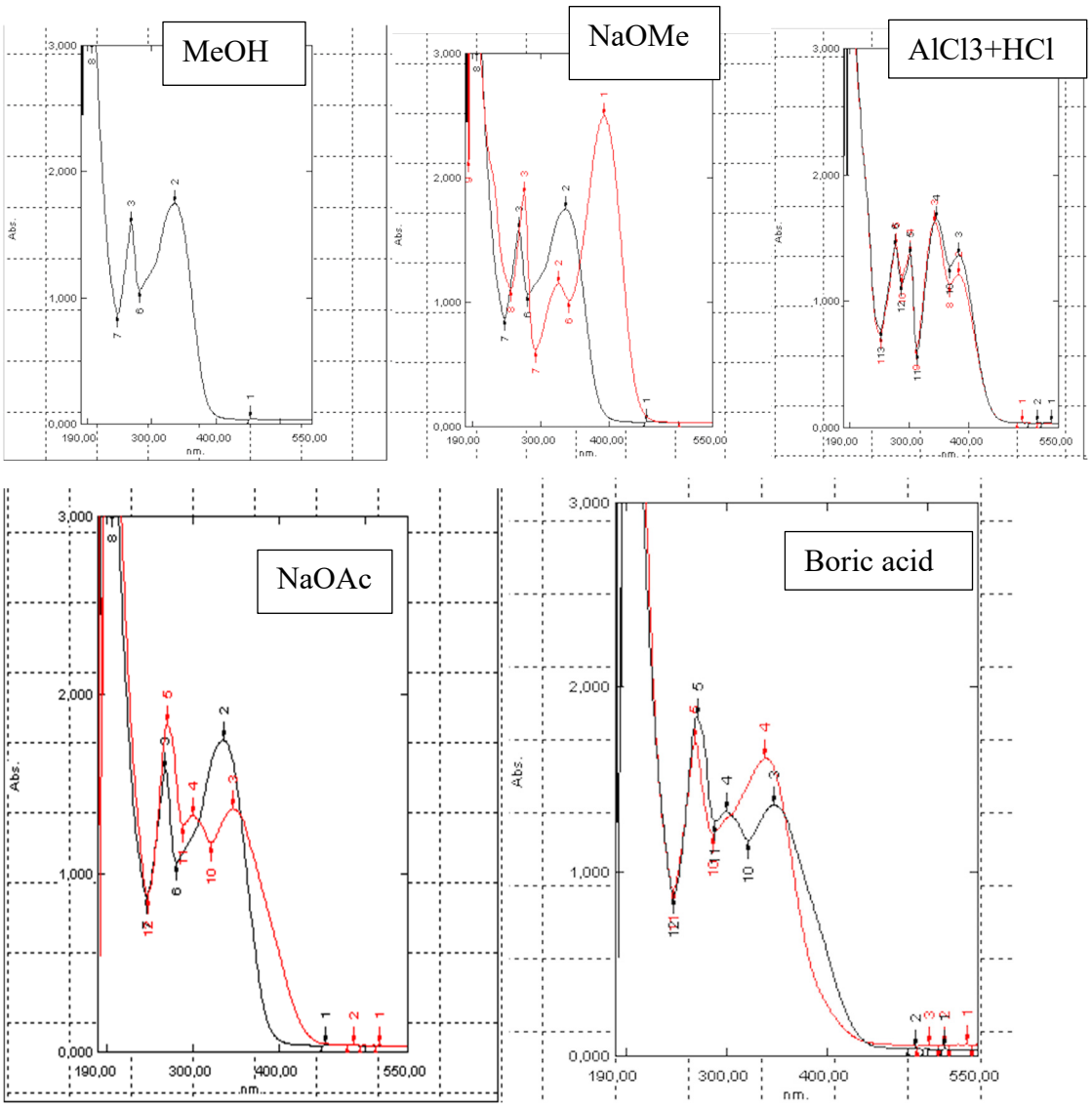
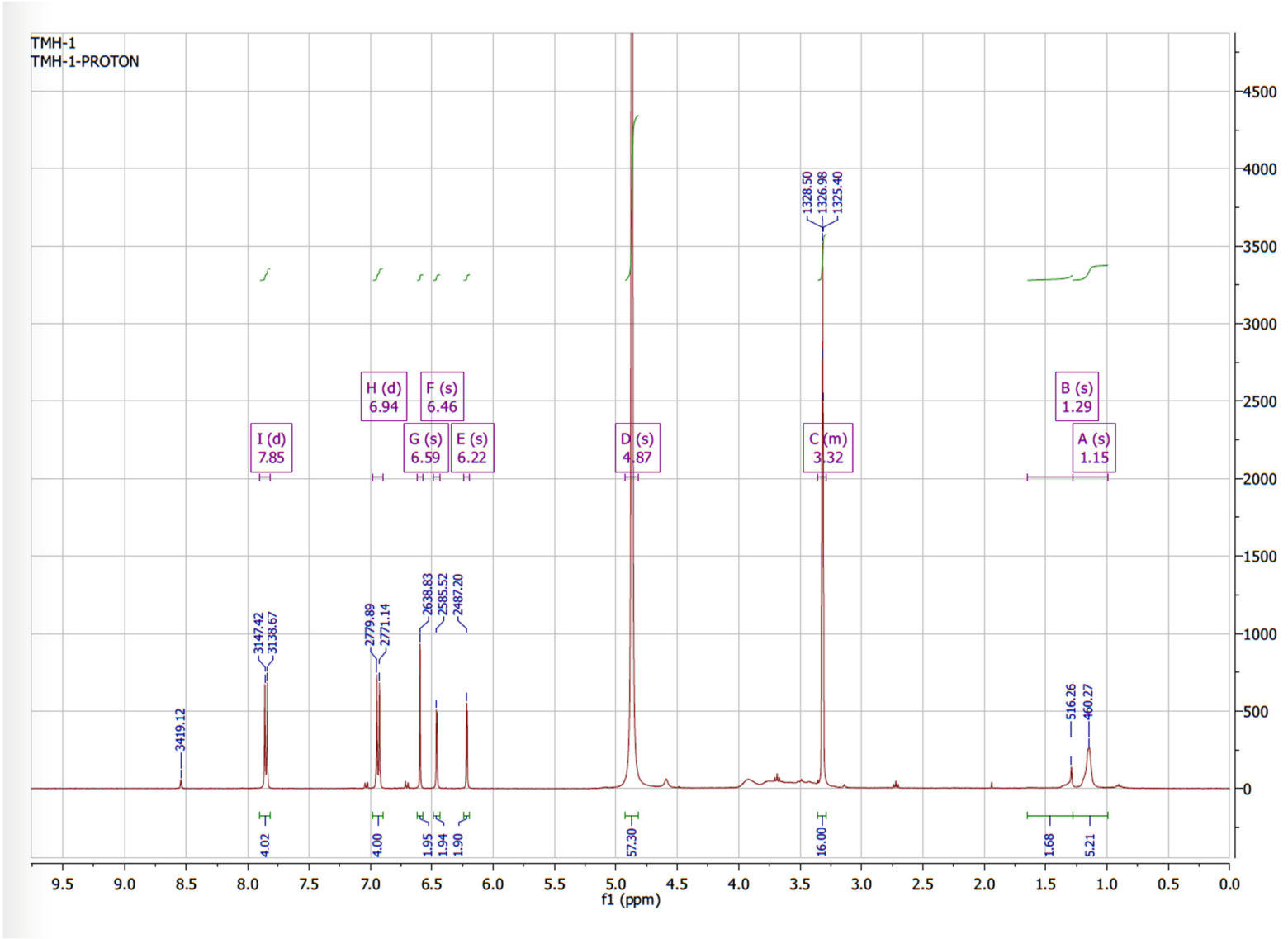
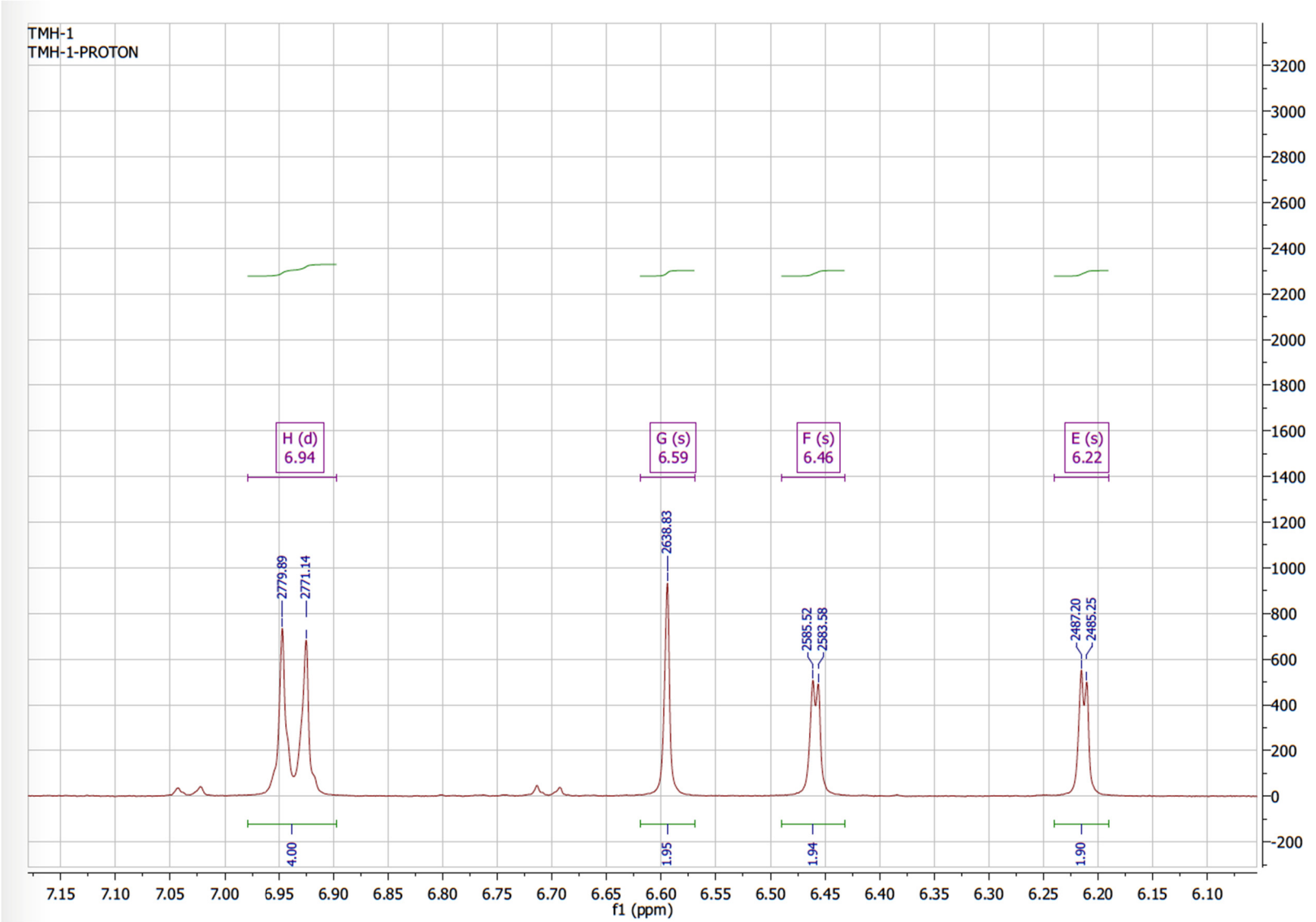
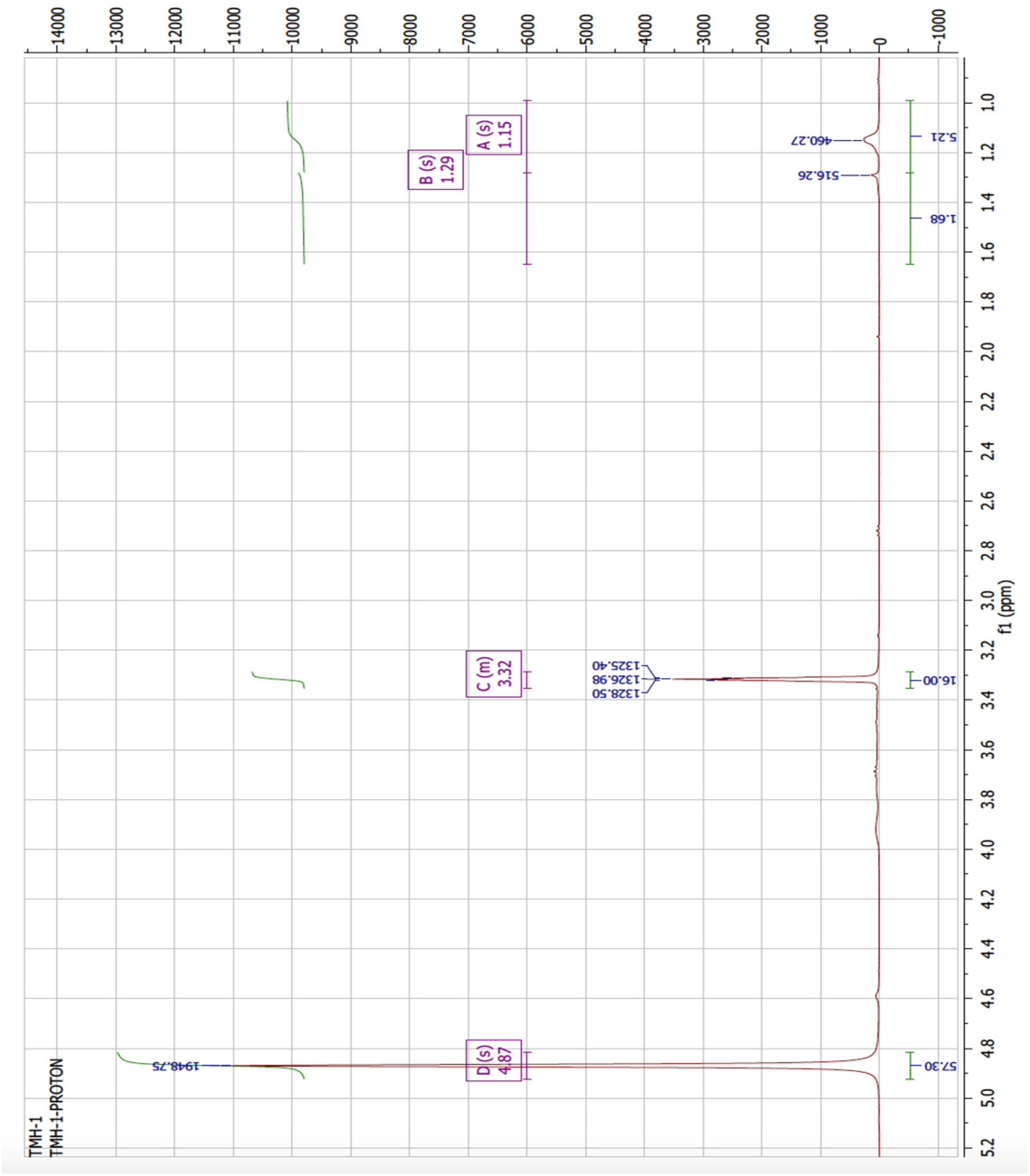


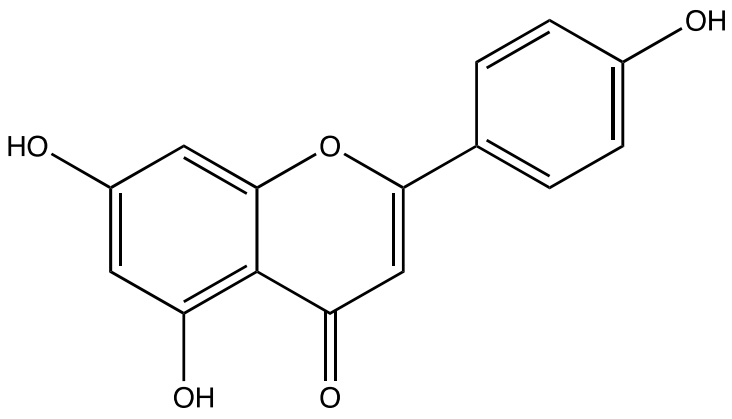
	Band 1 (λ_{max}, nm)	Band 2 (λ_{max}, nm)	Comment
MeOH	336	268	Flavon
MeOH+NaOMe	392	276	4'-OH,7-OH
MeOH+$AlCl_3$	383	277	No 3', 4'-OH

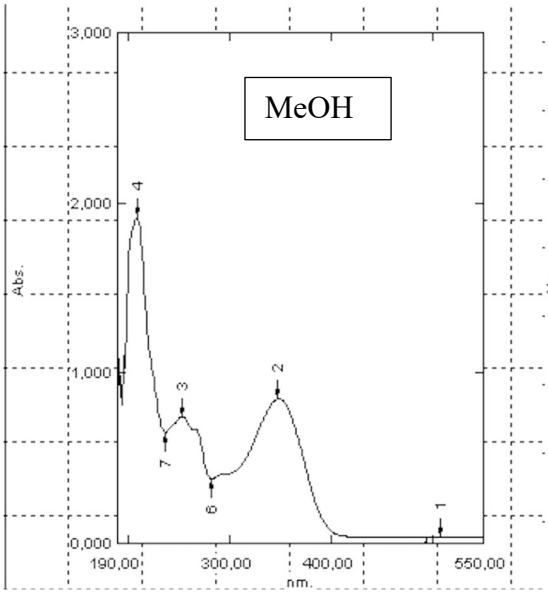
MeOH+ $AlCl_3$+HCl	382	278	5-OH
MeOH+NaOAc	347	271	7-OH
MeOH+NaOAc+H_3BO_3	338	269	No o- dihydroxy

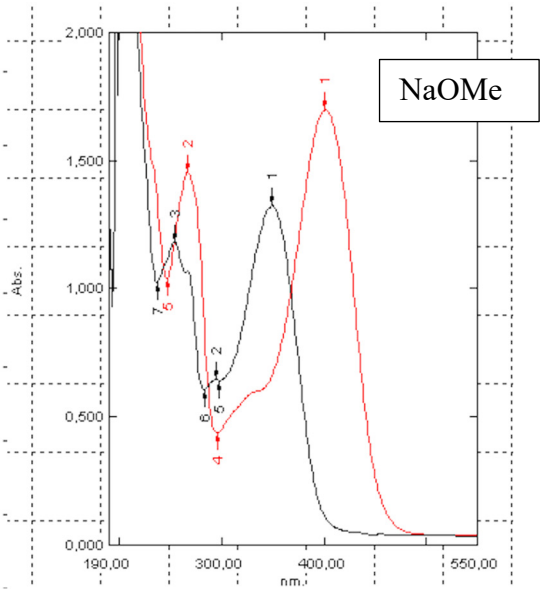

TMH-1
TMH-1-PROTON
I (d)
7.85
H (d)
6.94
F (s)
6.46
G (s)
6.59
E (s)
6.22
D (s)
4.87
C (m)
3.32
B (s)
1.29
A (s)
1.15
3419.12
3147.42
3138.67
2779.89
2771.14
2638.83
2585.52
2487.20
1328.50
1326.98
1325.40
516.26
460.27
4.02
4.00
1.95
1.94
1.90
57.30
16.00
1.68
5.21
f1 (ppm)

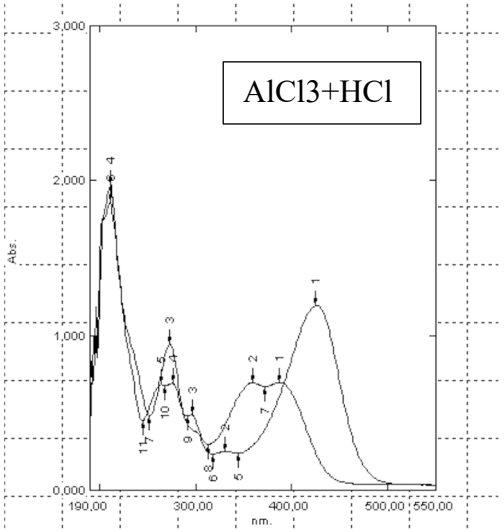

TMH-1
TMH-1-PROTON
H (d)
6.94
G (s)
6.59
F (s)
6.46
E (s)
6.22
2779.89
2771.14
2638.83
2585.52
2583.58
2487.20
2485.25
4.00
1.95
1.94
1.90
f1 (ppm)

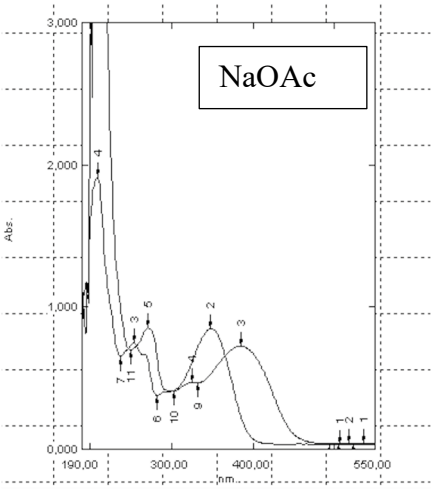

TMH-1
TMH-1-PROTON
f1 (ppm)
A (s)
1.15
B (s)
1.29
C (m)
3.32
D (s)
4.87
1948.75
1328.50
1326.98
1325.40
516.26
460.27
16.00
57.30
5.21
1.68

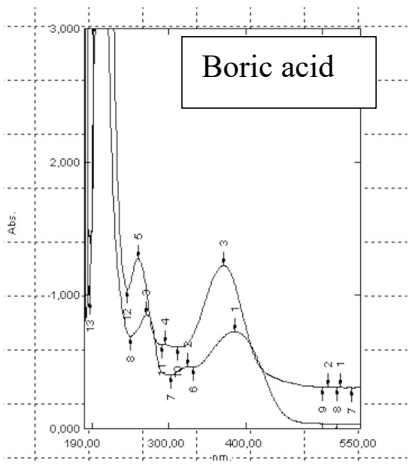

HO
O
OH
OH
O


MeOH
Abs.
nm.

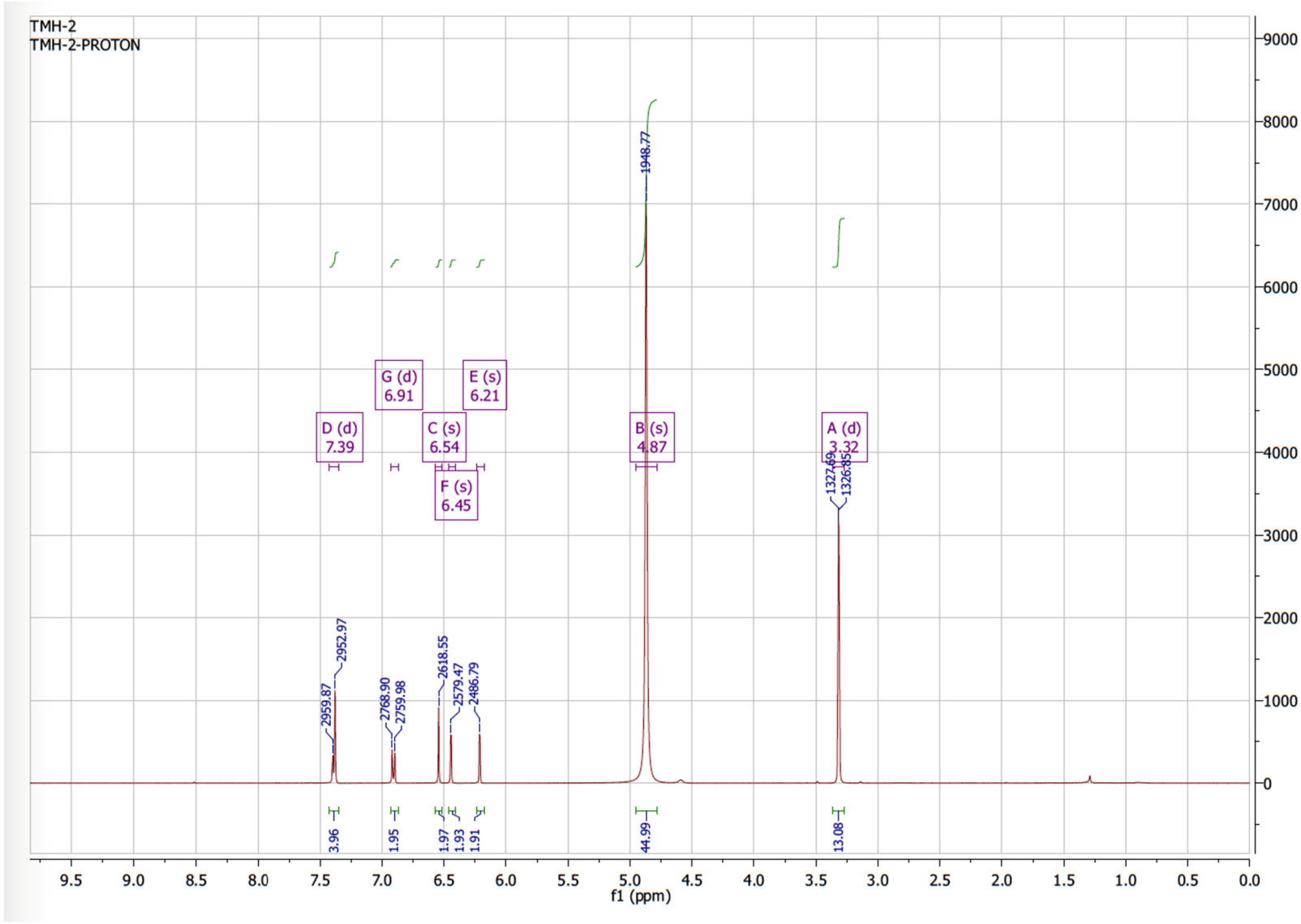

NaOMe
Abs.
nm.

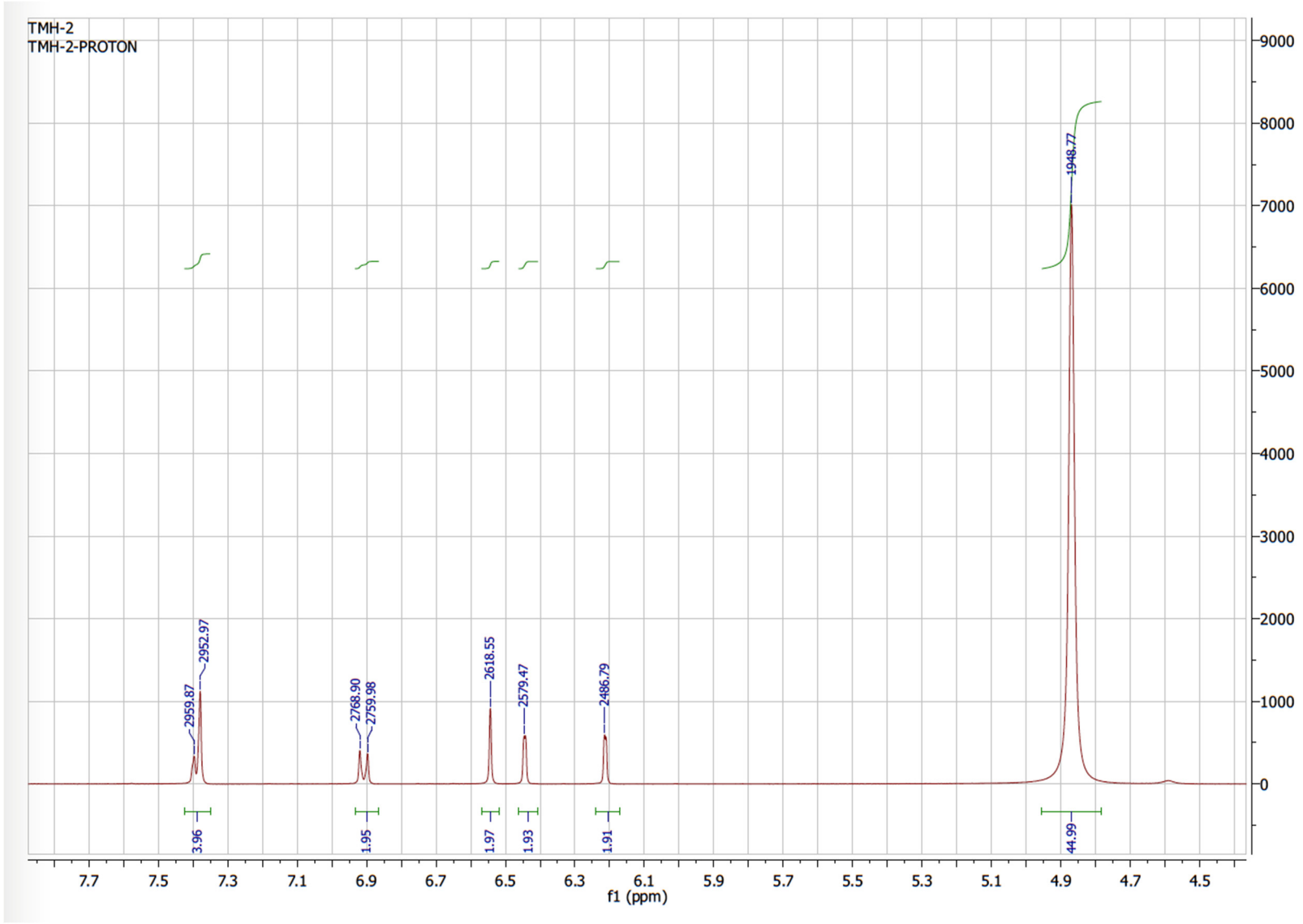

AlCl3+HCl
Abs.
nm.

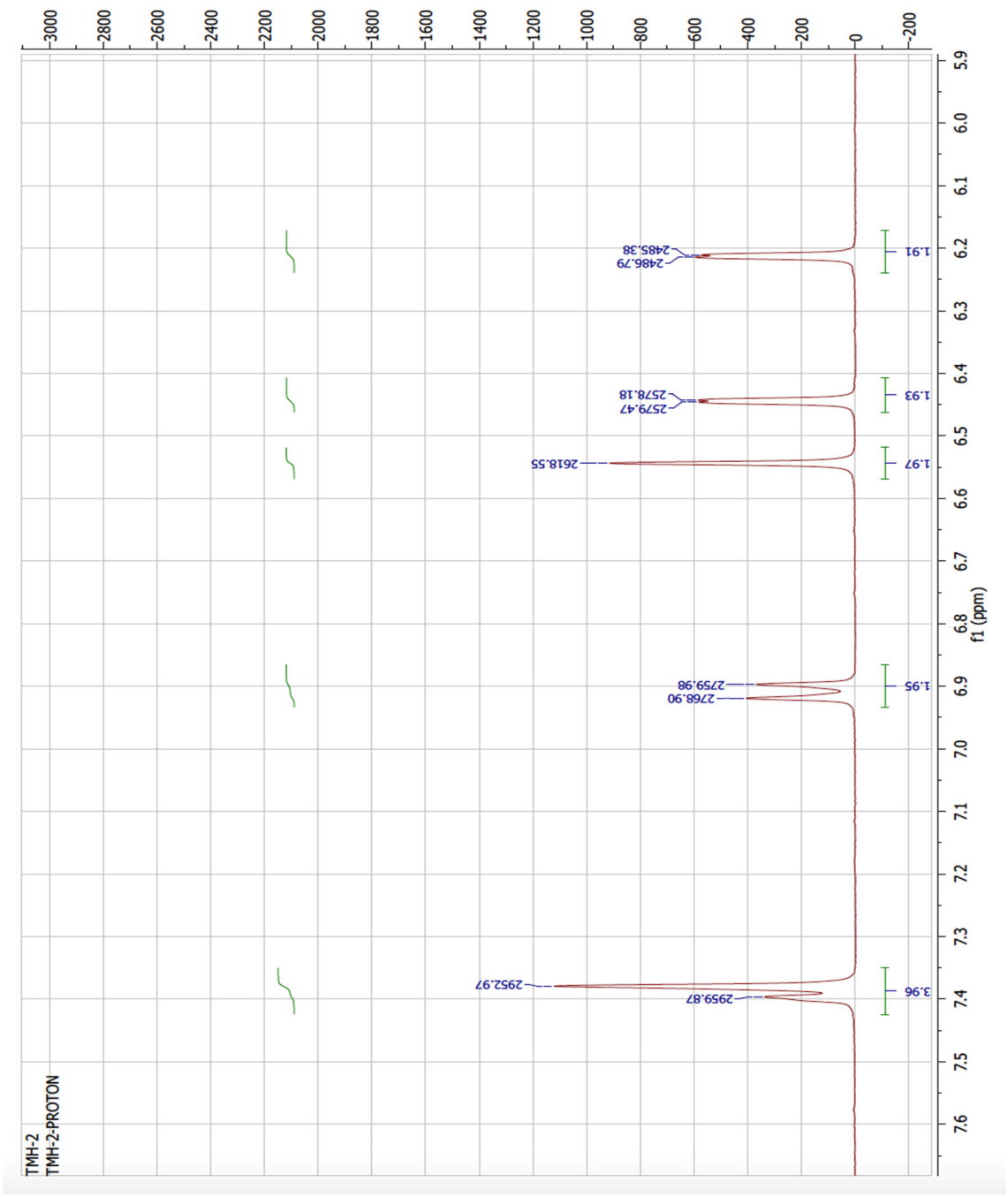

NaOAc
Abs.
nm.

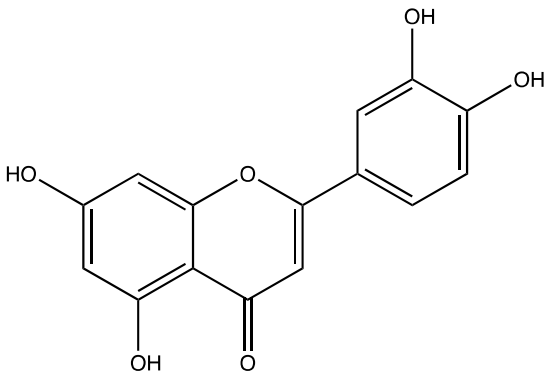

Boric acid
Abs.
nm.

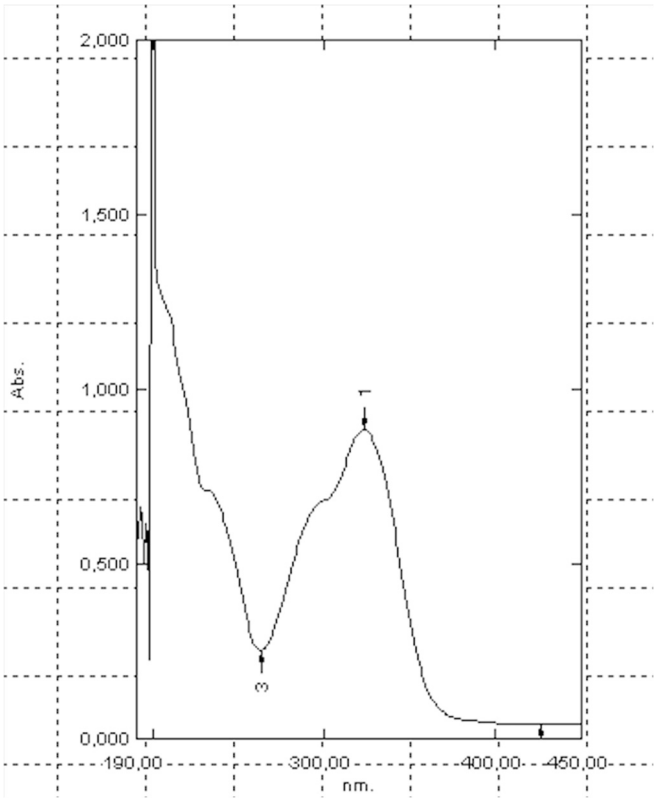
	Band 1 (λ_{max}, nm)	**Band 2 (λ_{max}, nm)**	**Comment**
MeOH	349	254	Flavon
MeOH+NaOMe	400	266	4'-OH,7-OH
MeOH+$AlCl_3$	426	273	o-dihydroxy
MeOH+ $AlCl_3$+HCl	386	276	5-OH
MeOH+NaOAc	353	269	7-OH
MeOH+NaOAc+H_3BO_3	364	259	o-dihydroxy


TMH-2
TMH-2-PROTON
D (d)
7.39
G (d)
6.91
C (s)
6.54
E (s)
6.21
F (s)
6.45
B (s)
4.87
A (d)
3.32
1948.77
1327.69
1326.85
2959.87
2952.97
2768.90
2759.98
2618.55
2579.47
2486.79
3.96
1.95
1.97
1.93
1.91
44.99
13.08
f1 (ppm)

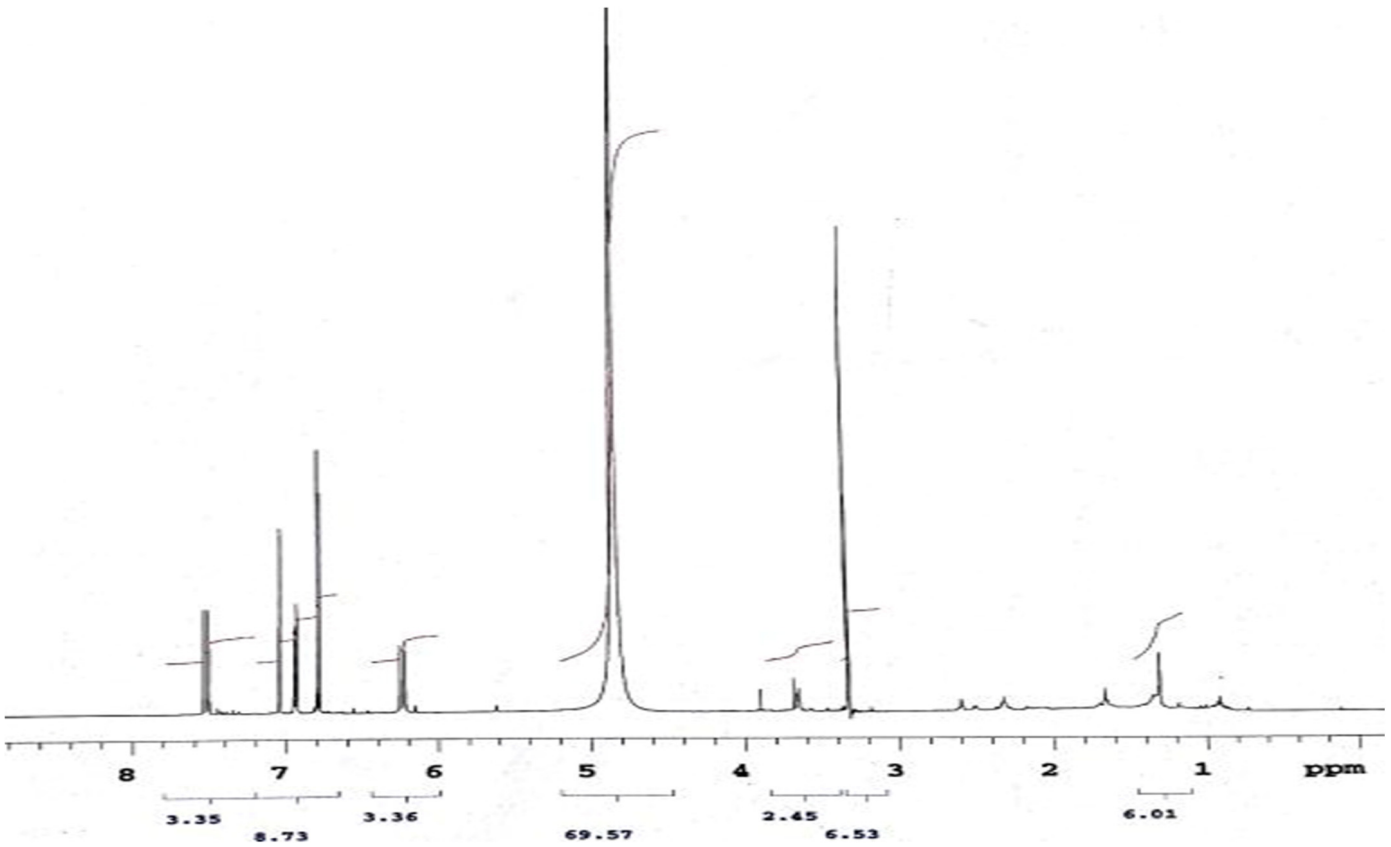

TMH-2
TMH-2-PROTON
2959.87
2952.97
2768.90
2759.98
2618.55
2579.47
2486.79
1948.77
3.96
1.95
1.97
1.93
1.91
44.99
f1 (ppm)

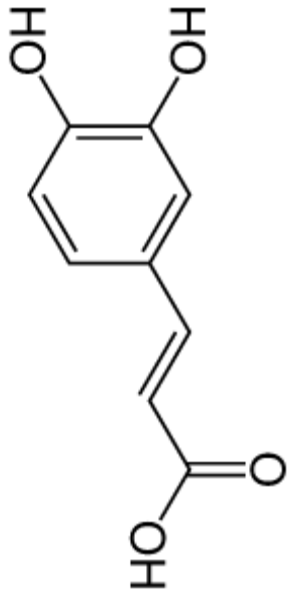

TMH-2
TMH-2-PROTON
f1 (ppm)
2952.97
2959.87
2768.90
2759.98
2618.55
2579.47
2578.18
2486.79
2485.38
3.96
1.95
1.97
1.93
1.91

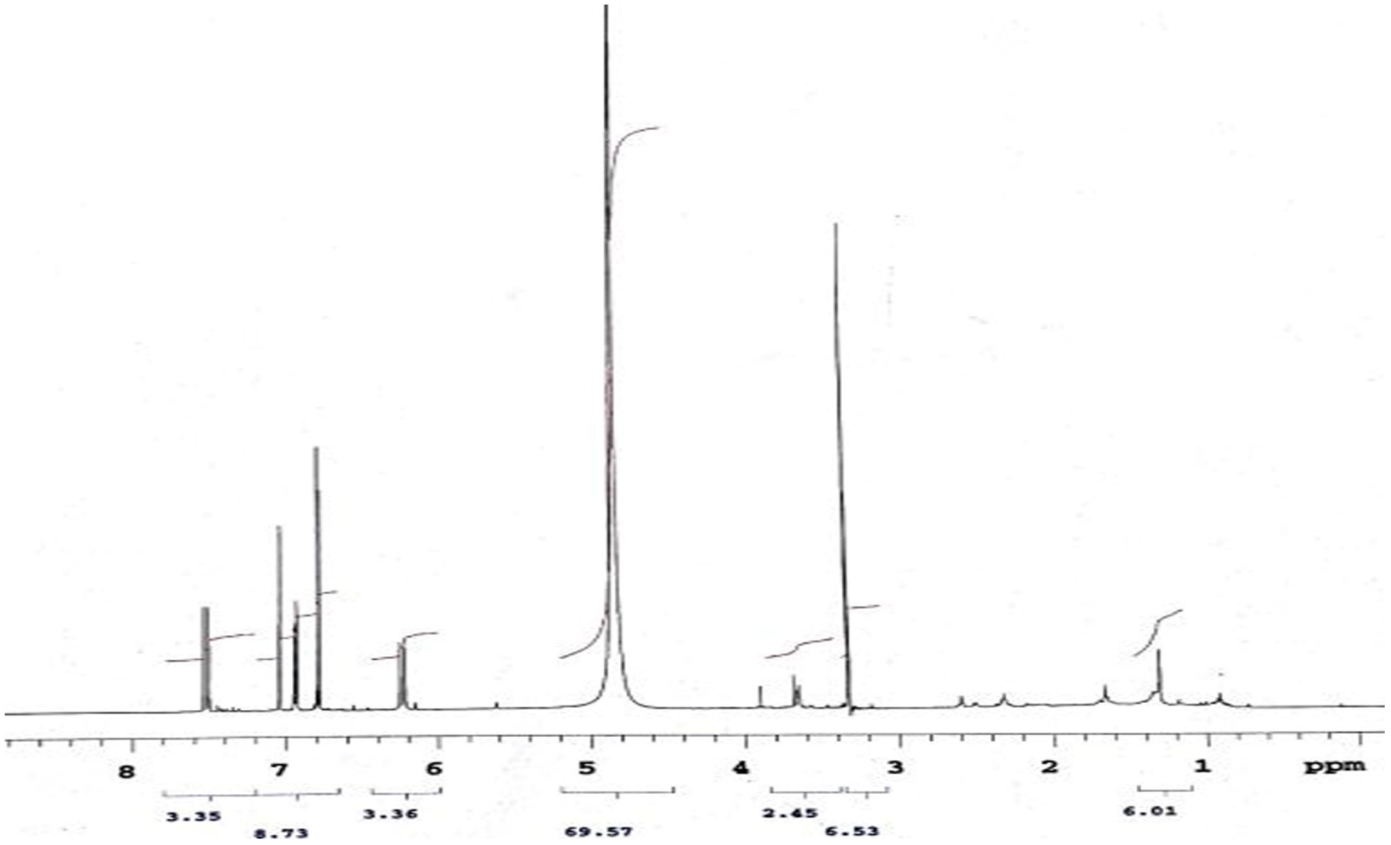

OH
OH
HO
O
OH
O



Number	λ_{max}, nm
1	325
2	297
3	234
4	216


8
7
6
5
4
3
2
1
ppm
3.35
8.73
3.36
69.57
2.45
6.53
6.01


HO
HO
O
HO


8
7
6
5
4
3
2
1
ppm
3.35
8.73
3.36
69.57
2.45
6.53
6.01