

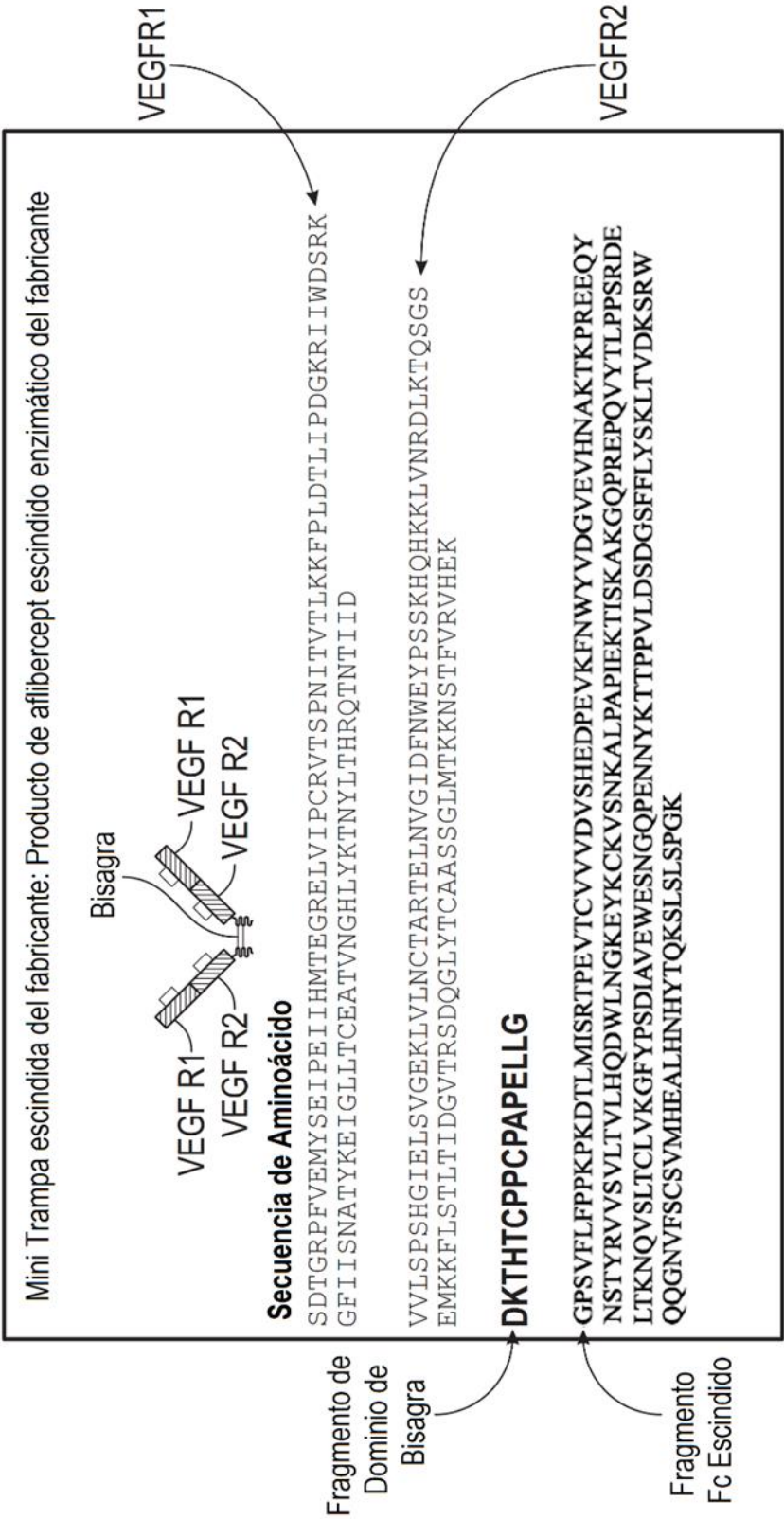


FIG. 1

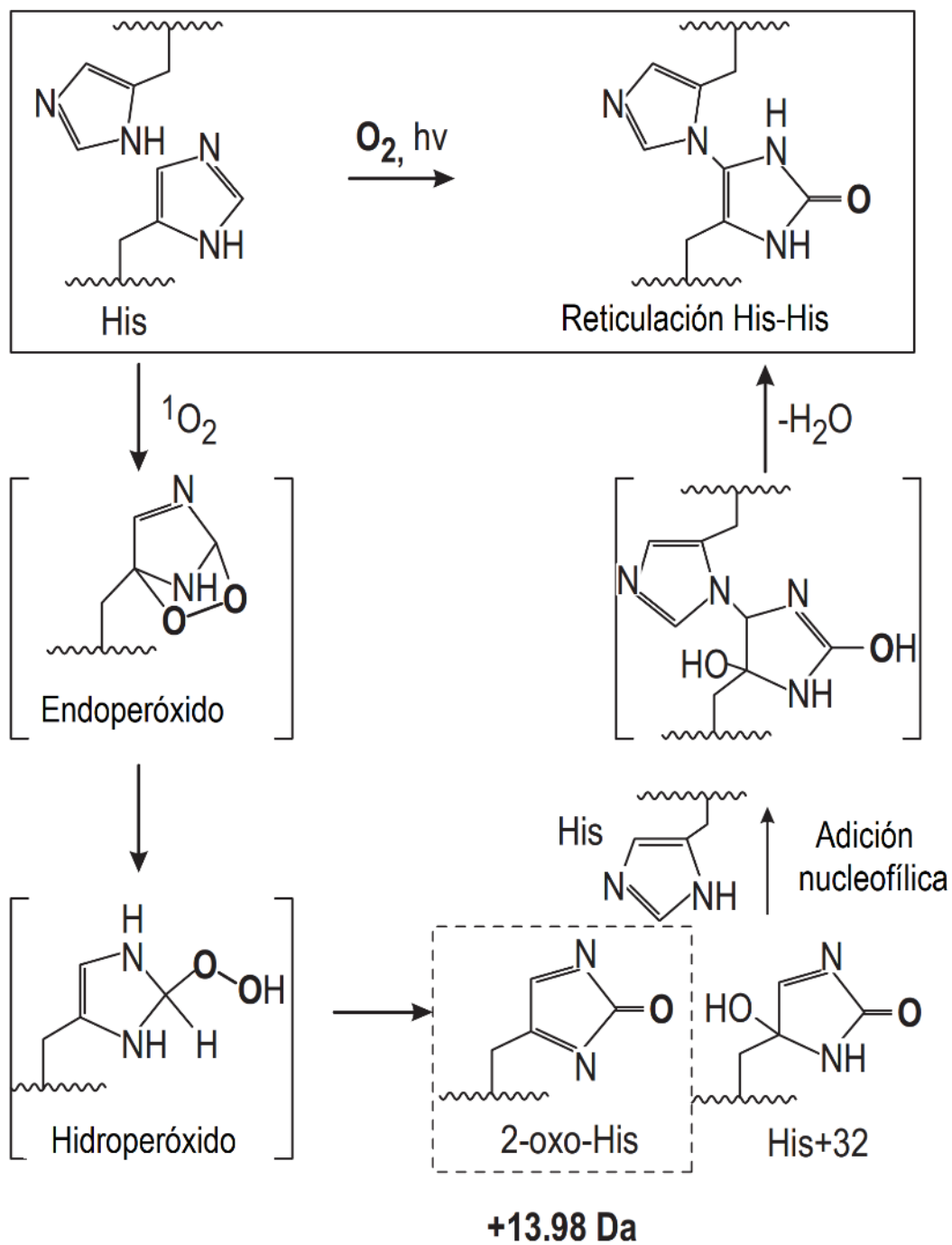


FIG. 2

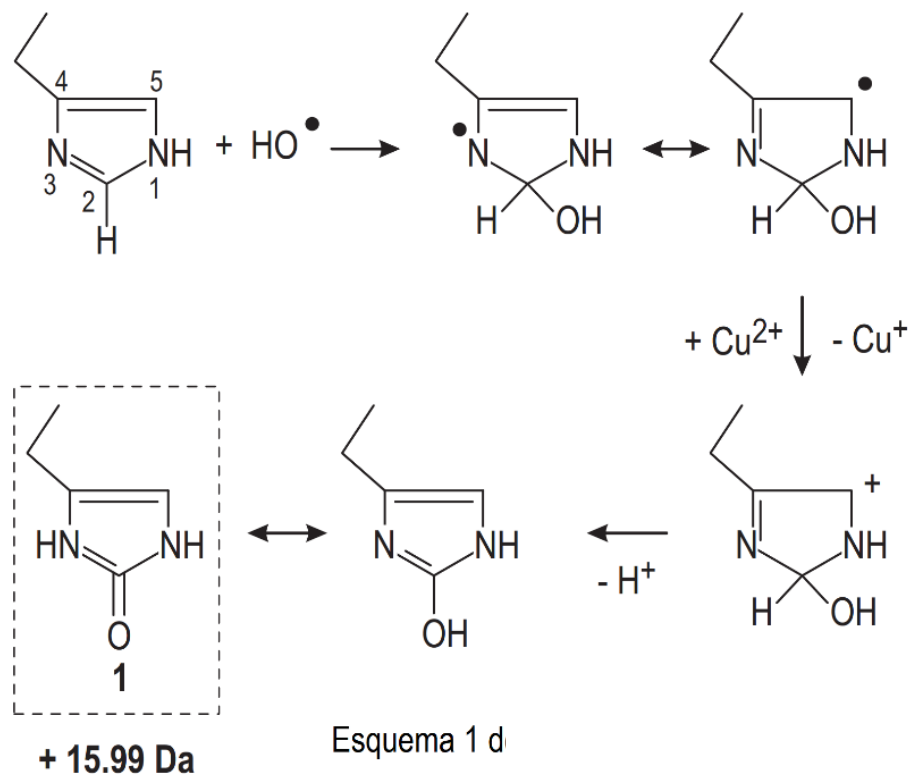


FIG. 3

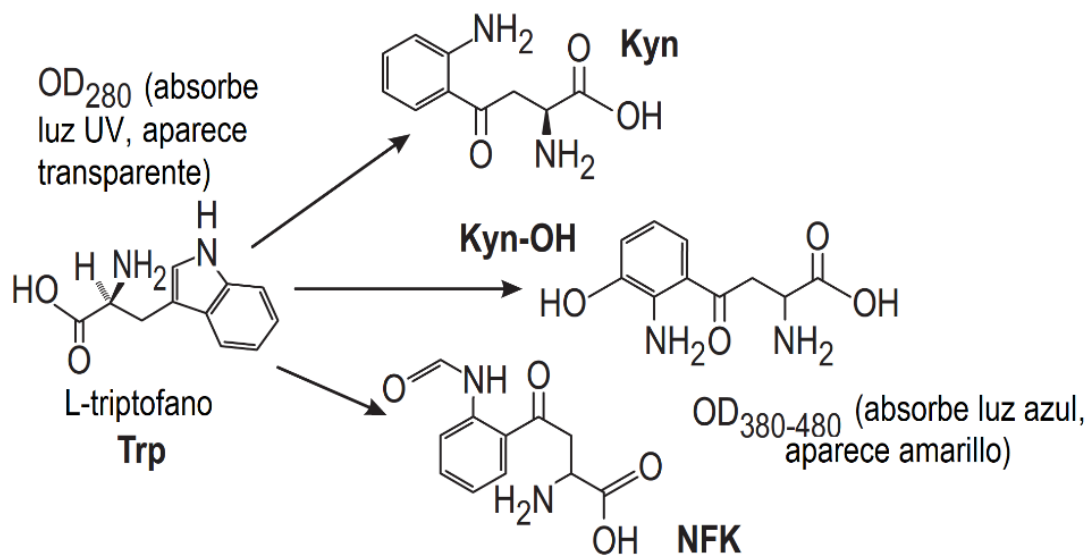


FIG. 4

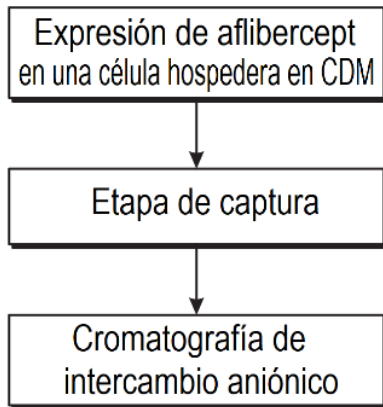


FIG. 5

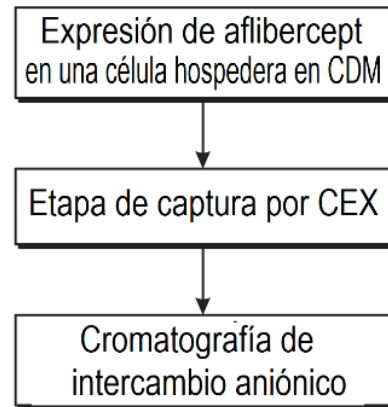


FIG. 7

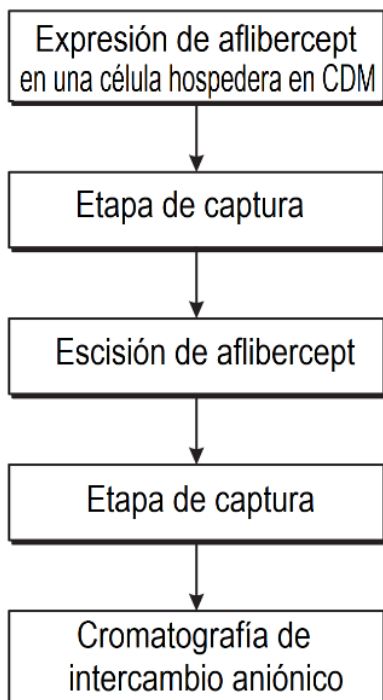


FIG. 6

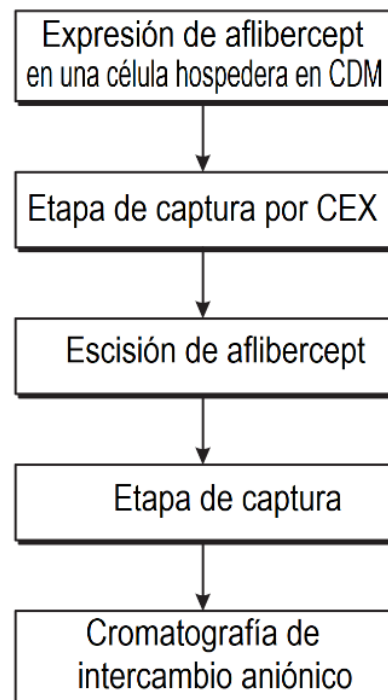
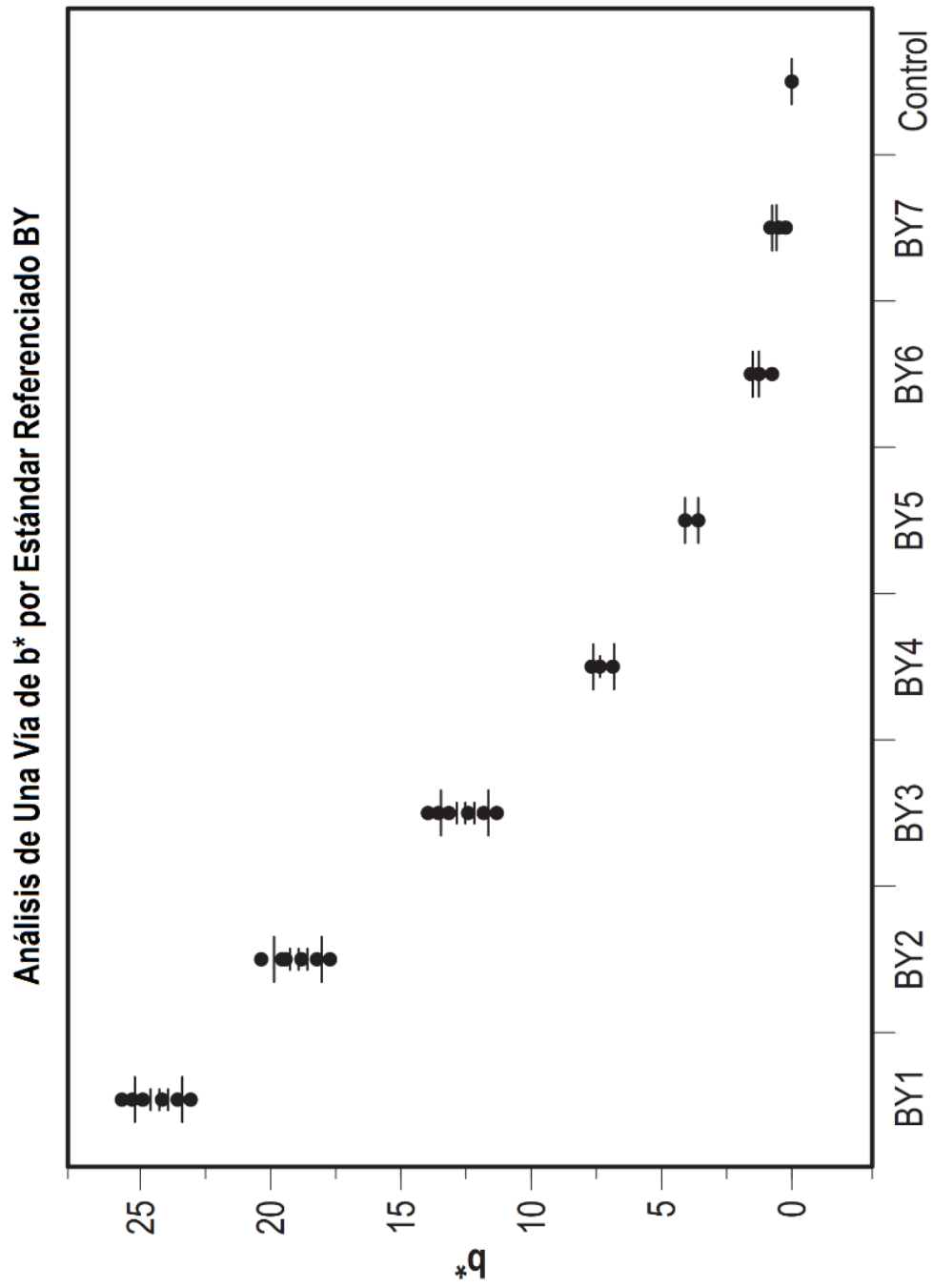


FIG. 8



Estándar de Referencia BY

FIG. 9



*: CISTEÍNA ALQUILADA

FIG. 11

Vista Completa

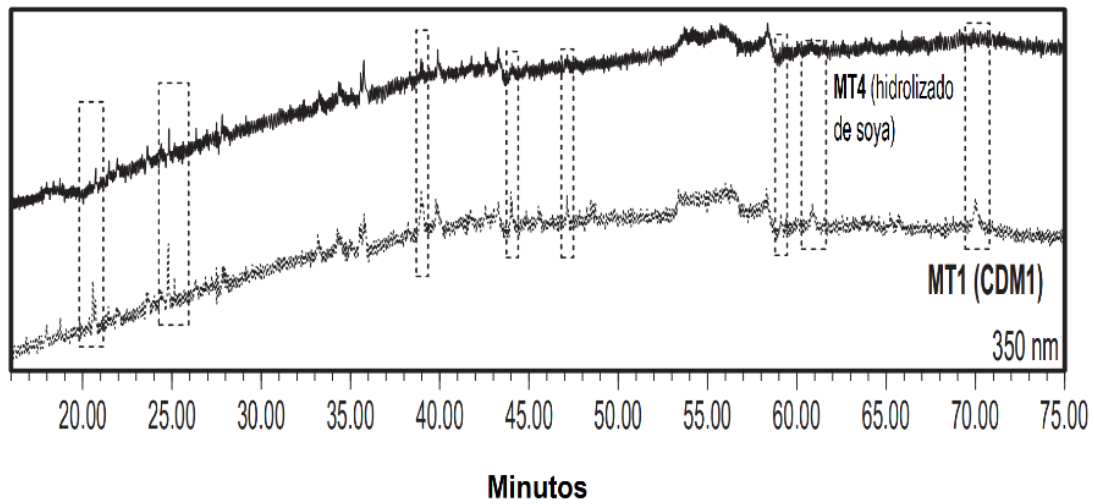


FIG. 12A

16-30 min

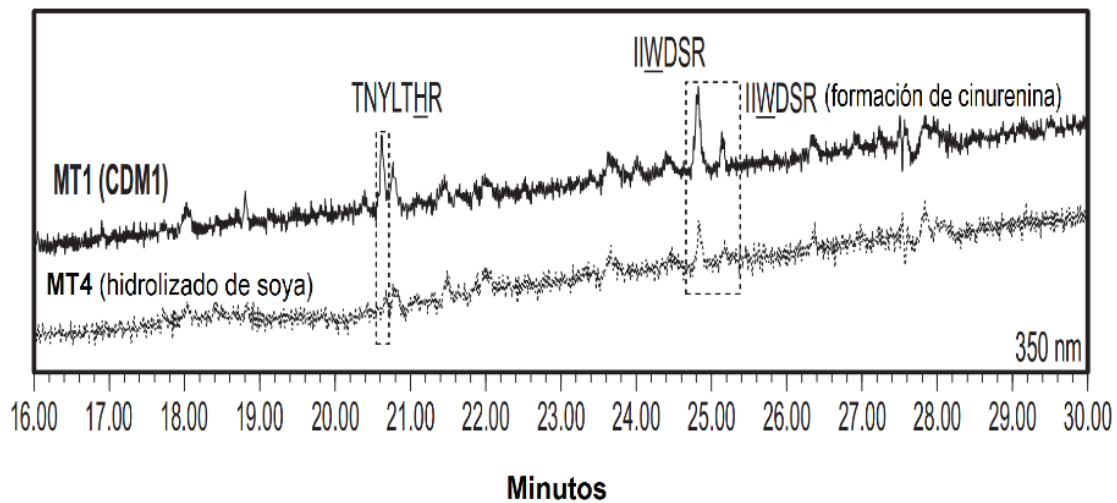


FIG. 12B

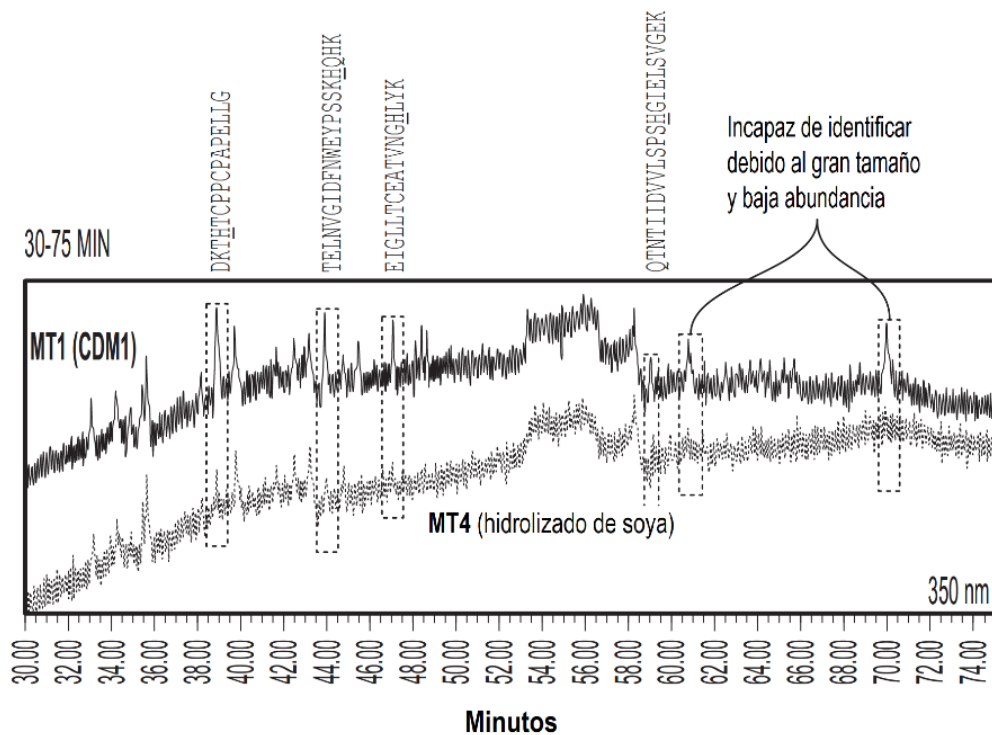


FIG. 12C

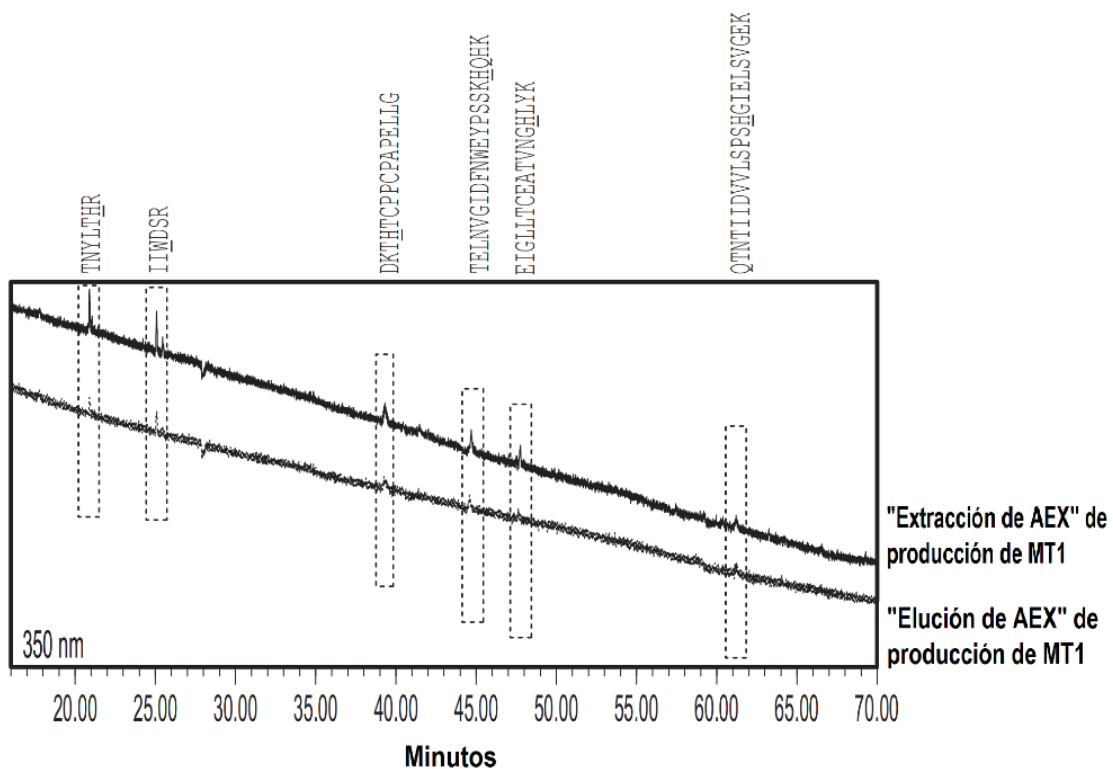


FIG. 13

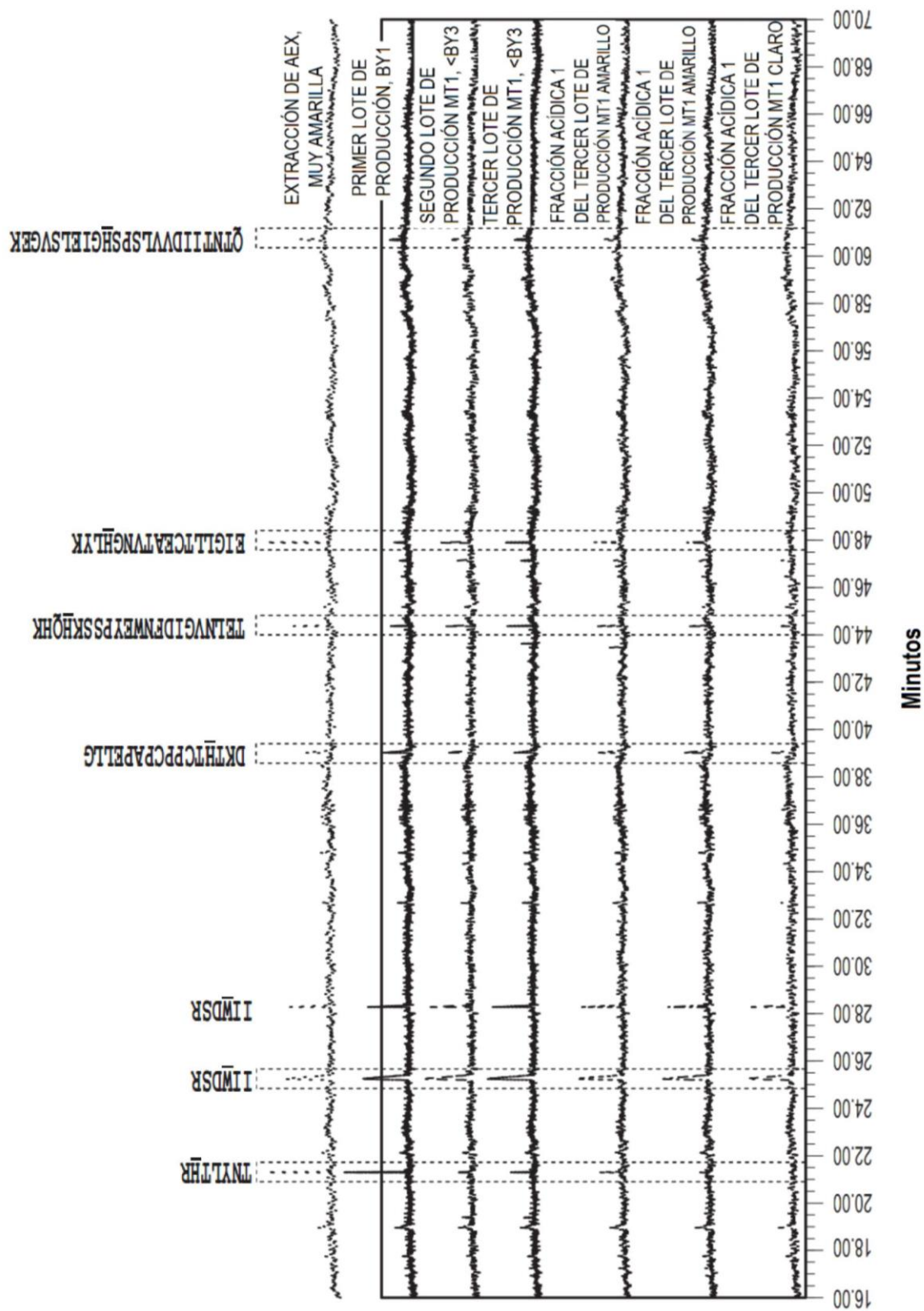


FIG. 14

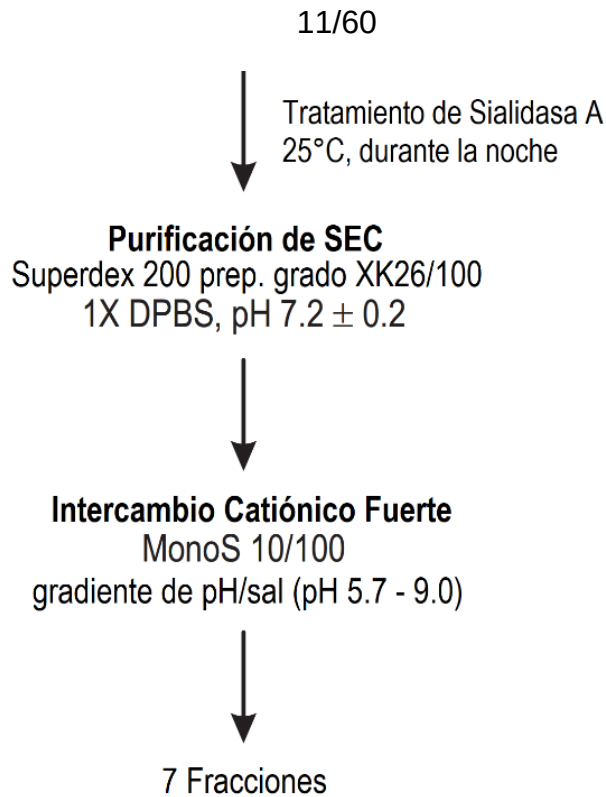


FIG. 15

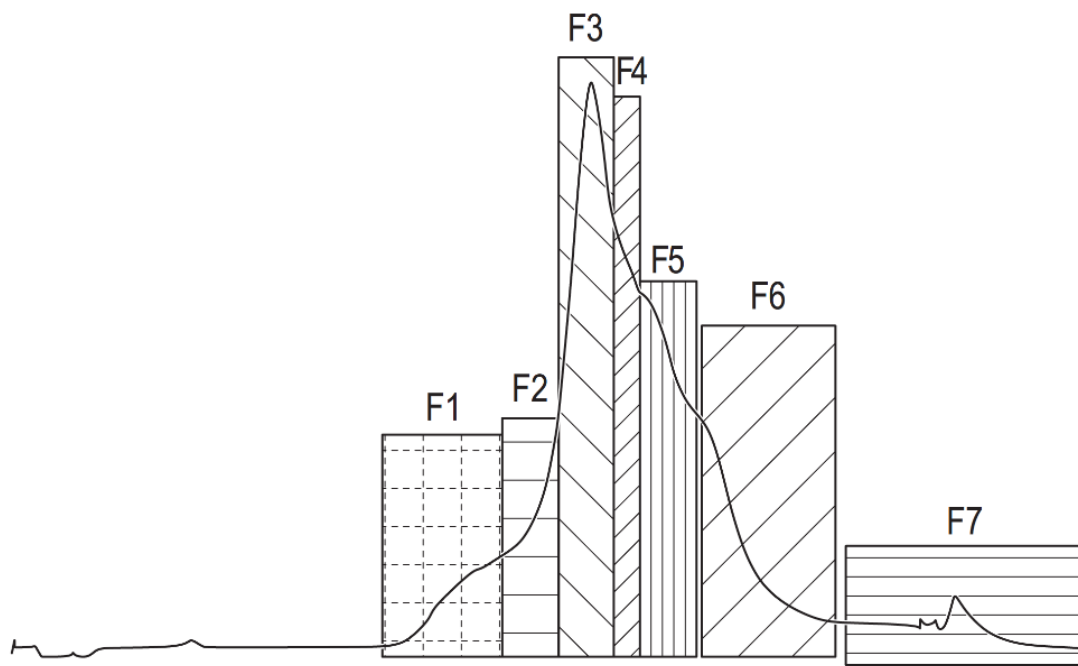


FIG. 16

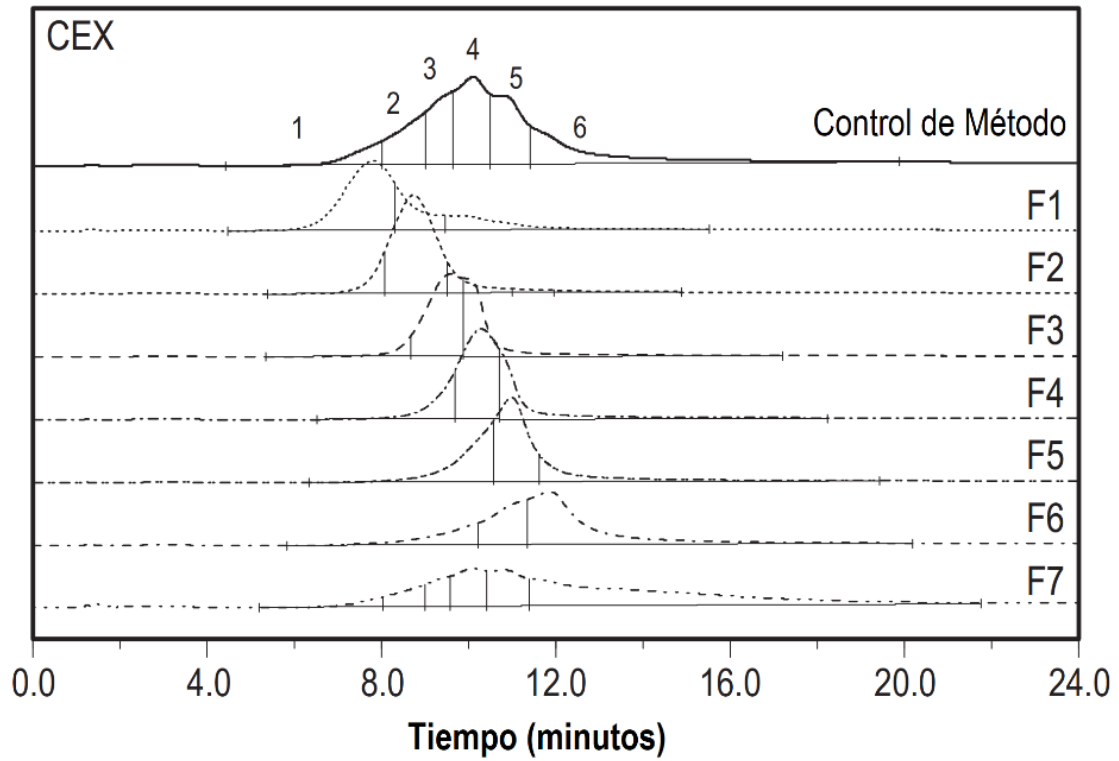


FIG. 17

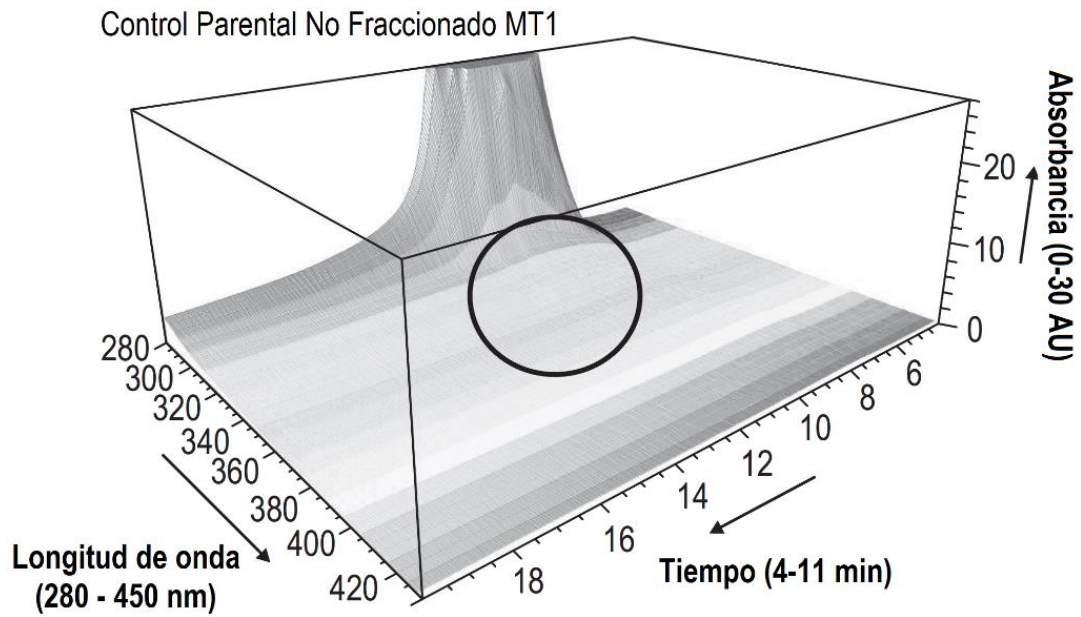


FIG. 18A

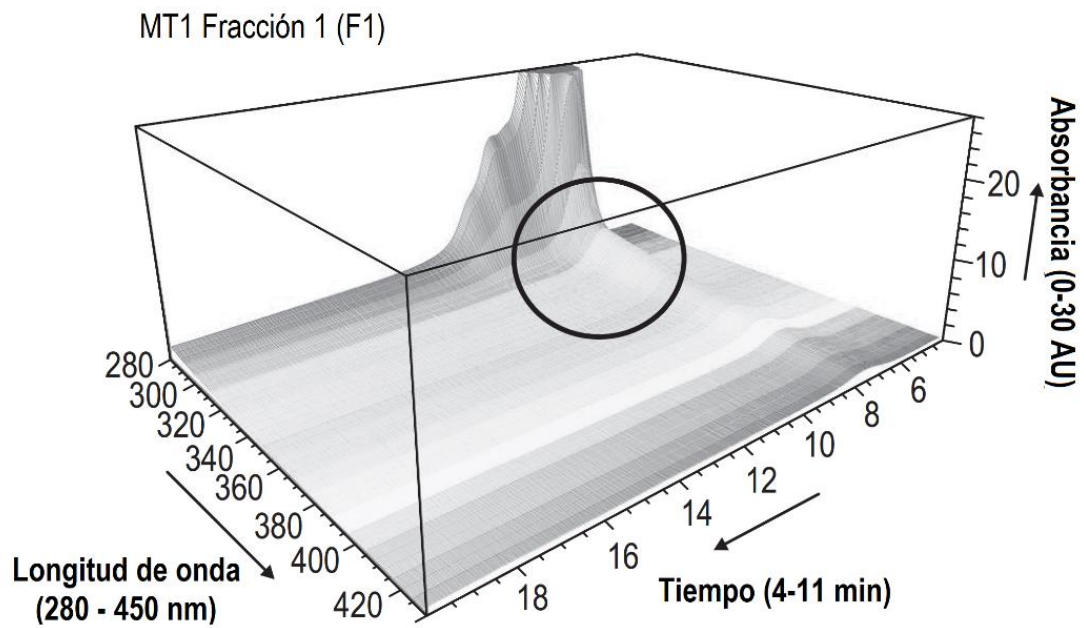


FIG. 18B

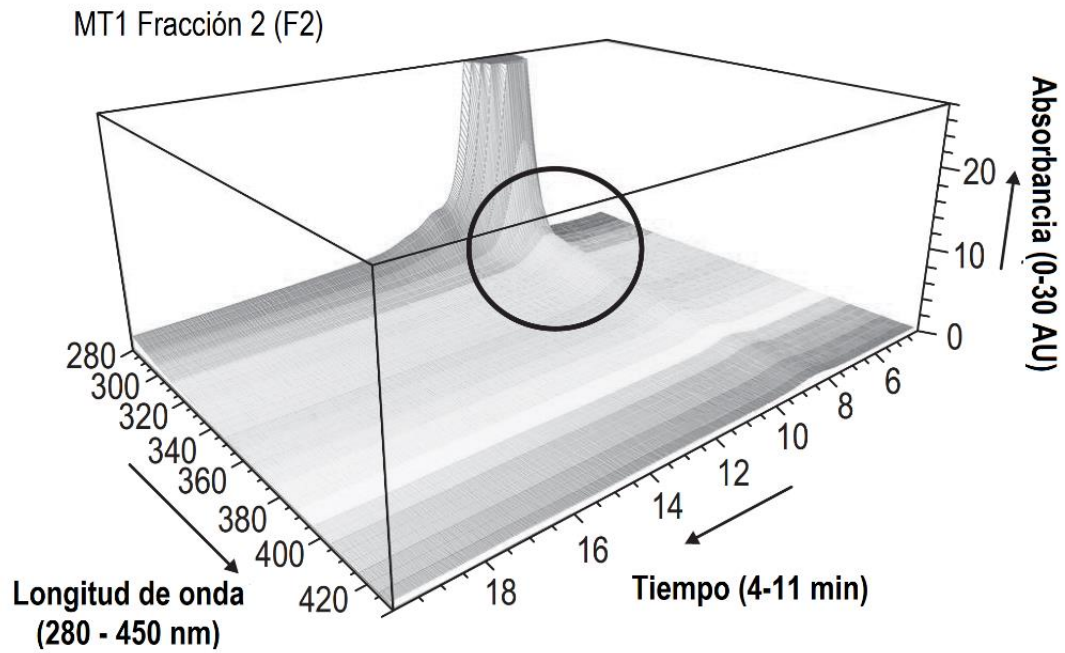


FIG. 18C

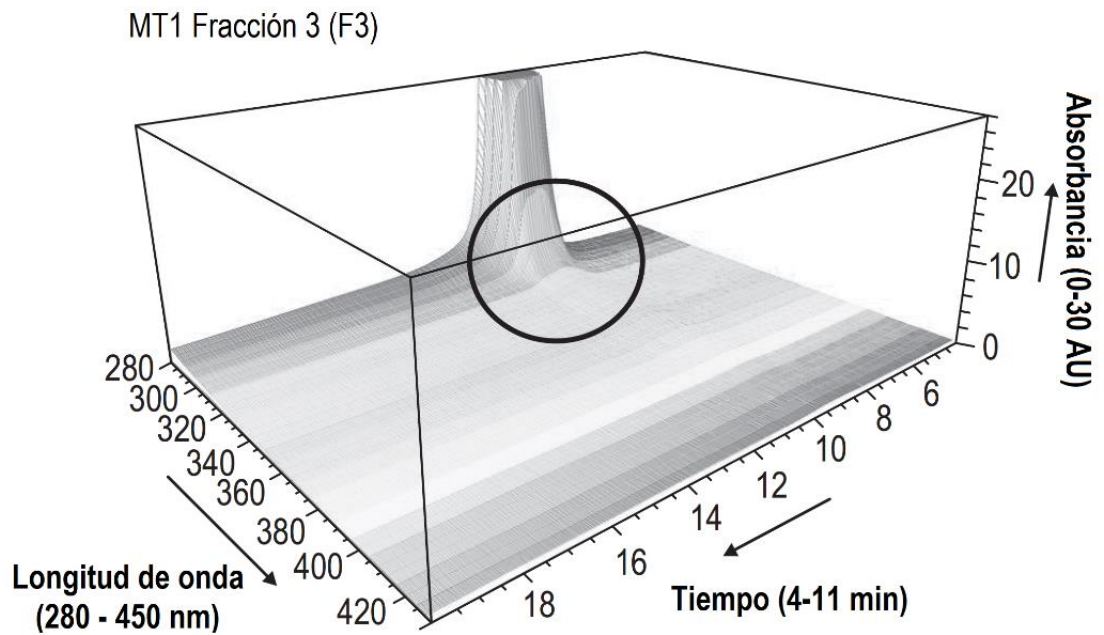


FIG. 18D

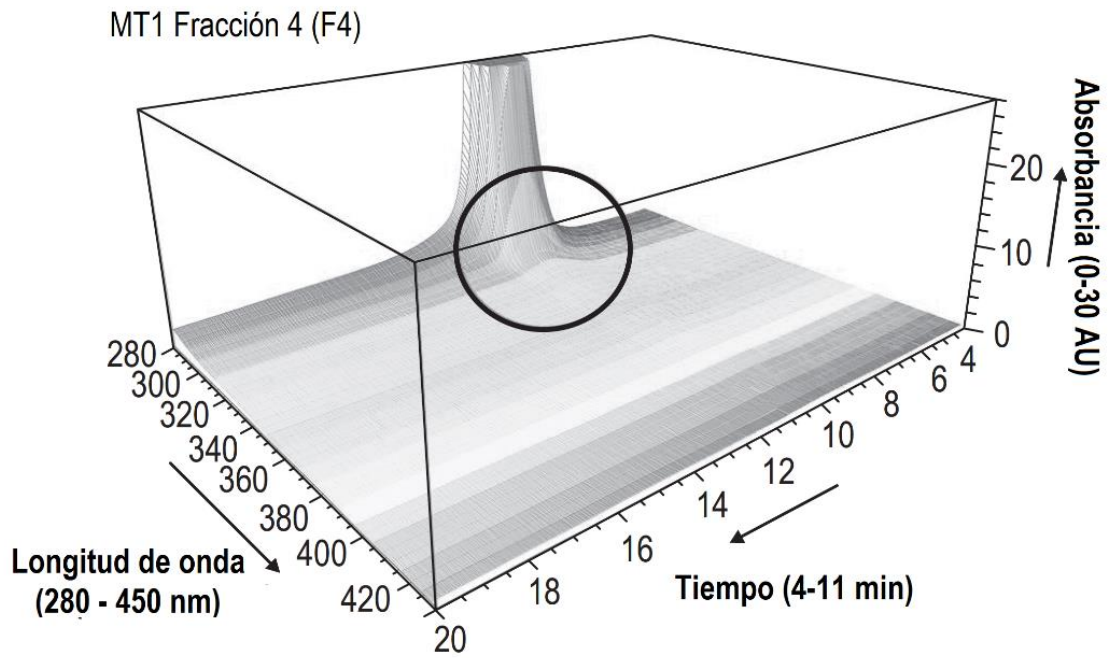


FIG. 18E

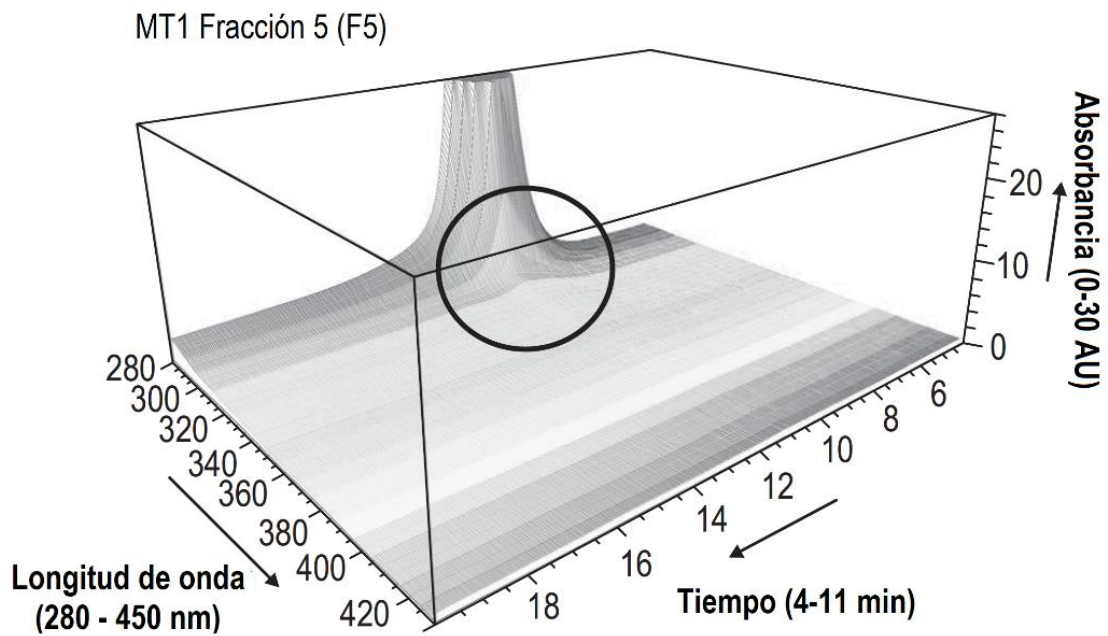


FIG. 18F

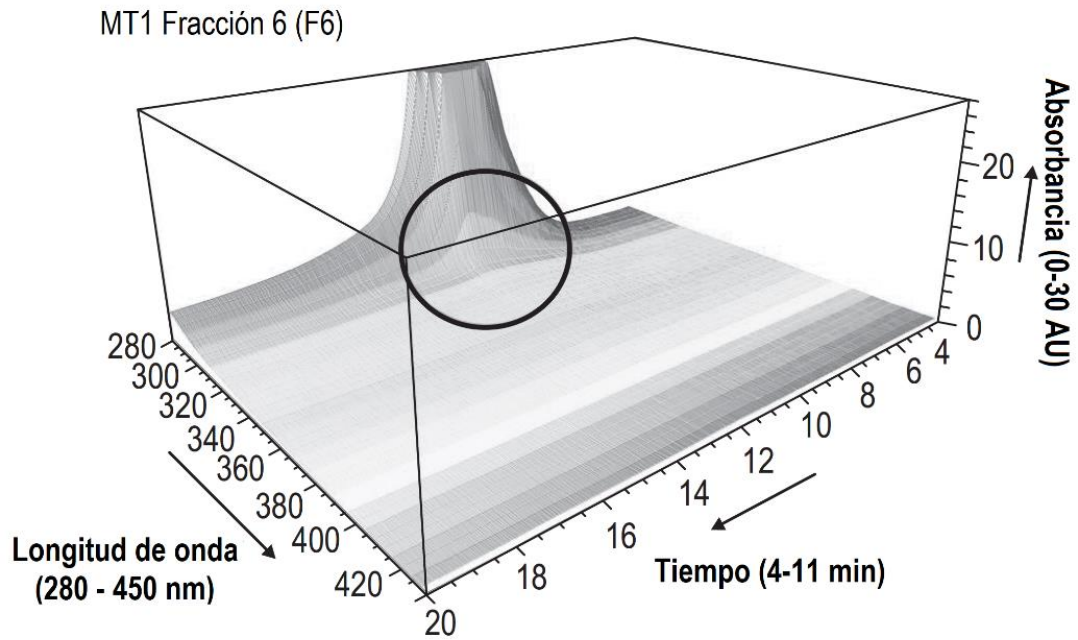


FIG. 18G

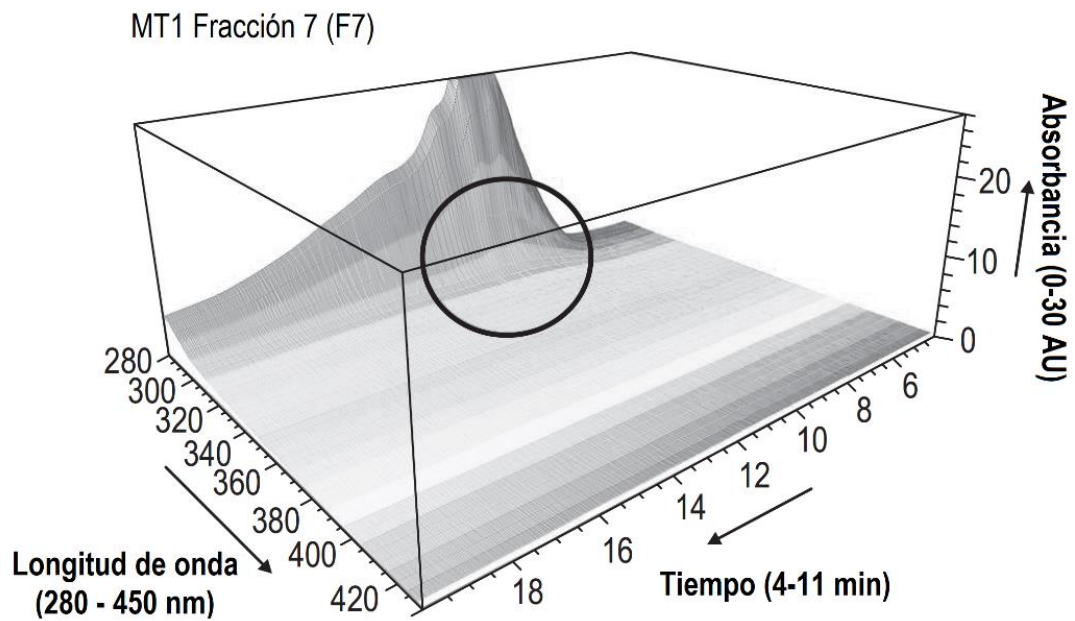


FIG. 18H

Electroferogramas iciEF

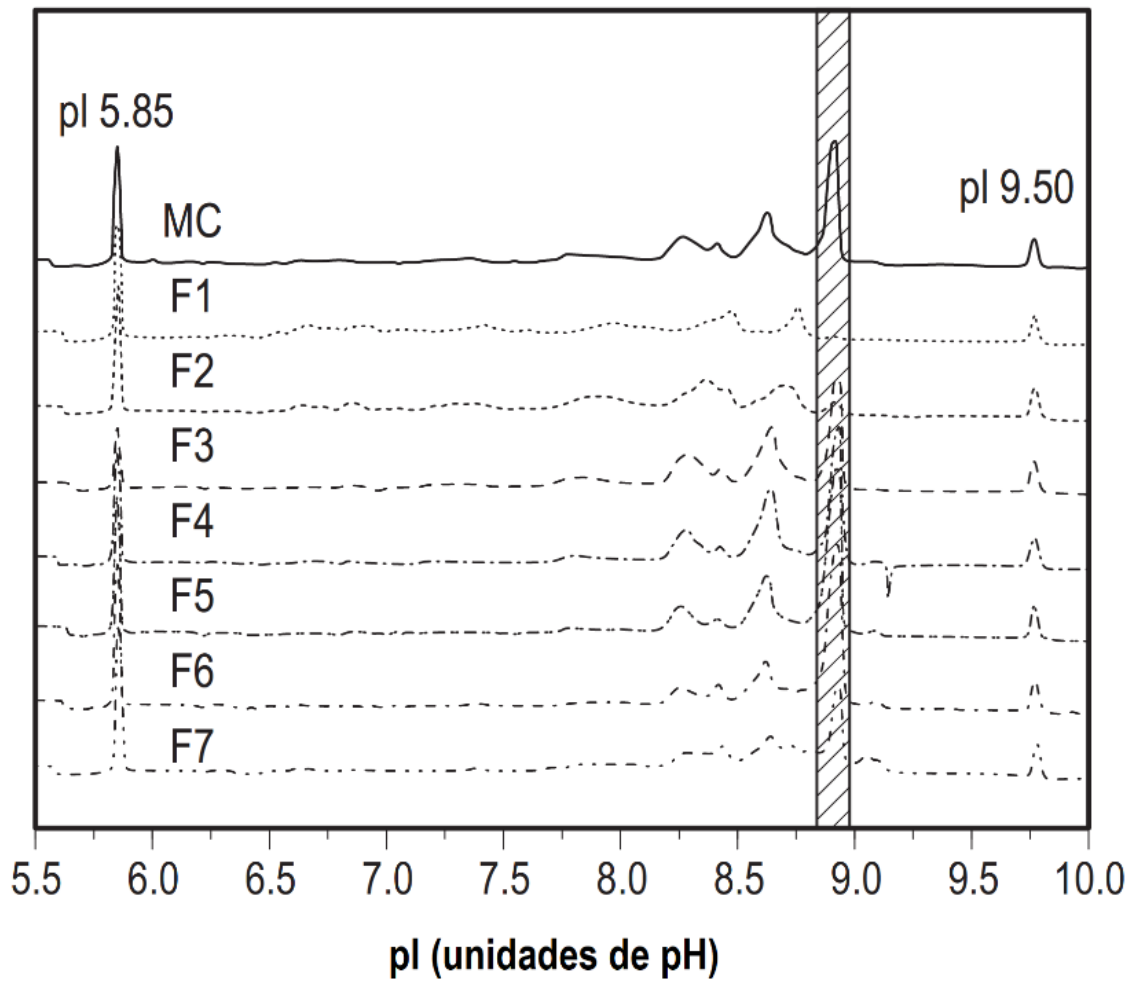


FIG. 19





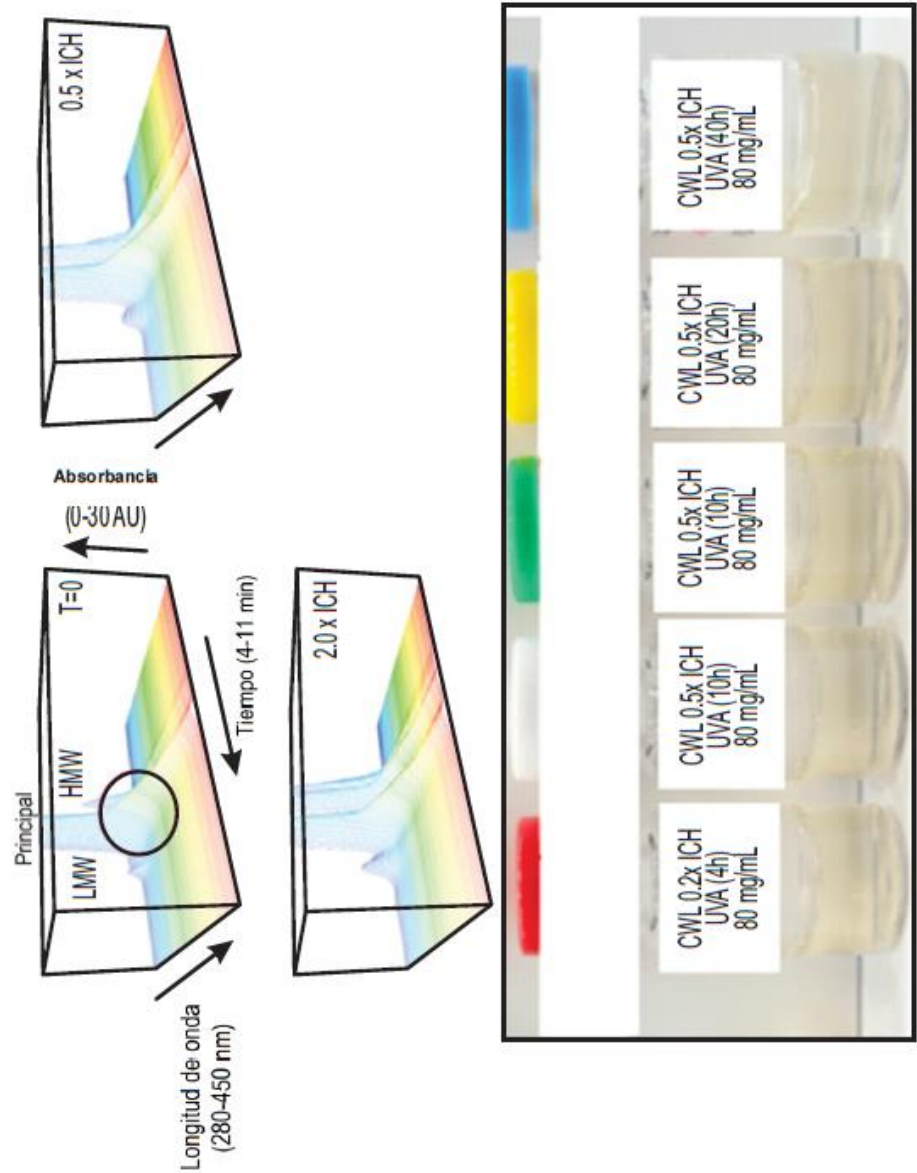


FIG. 22

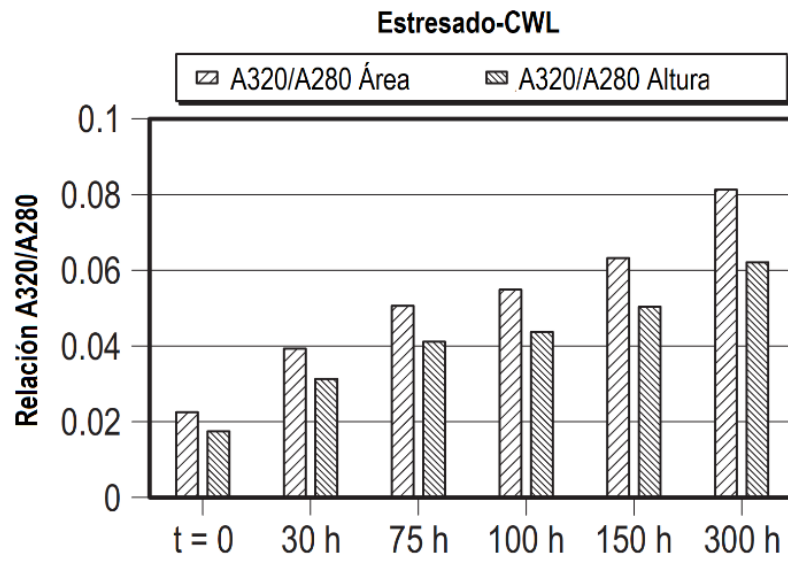


FIG. 23A

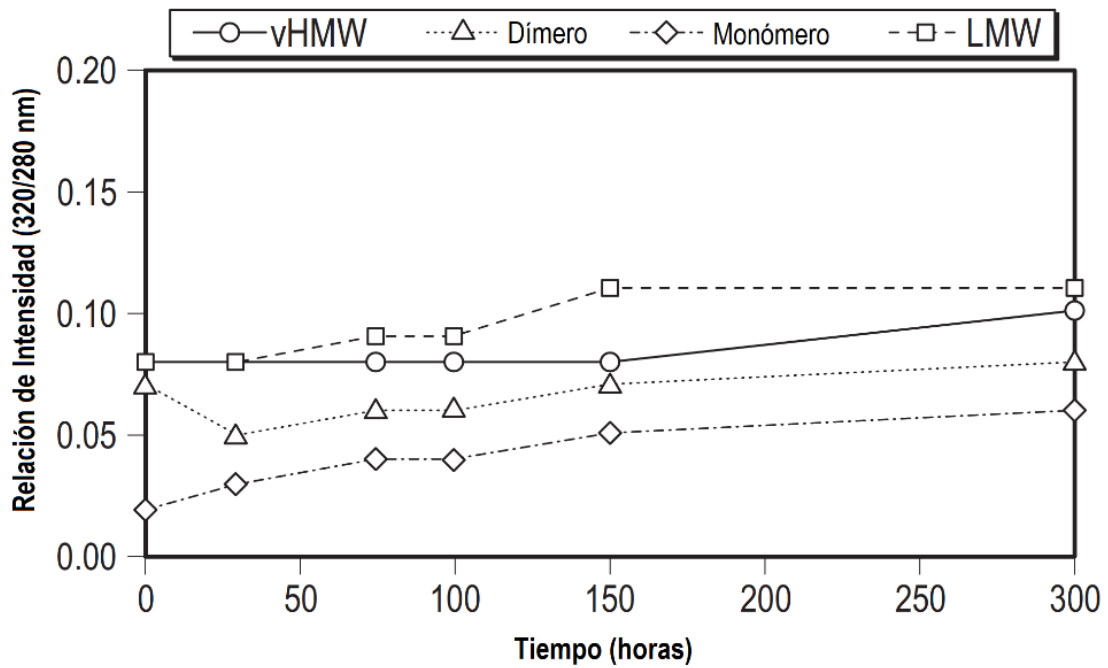


FIG. 23B

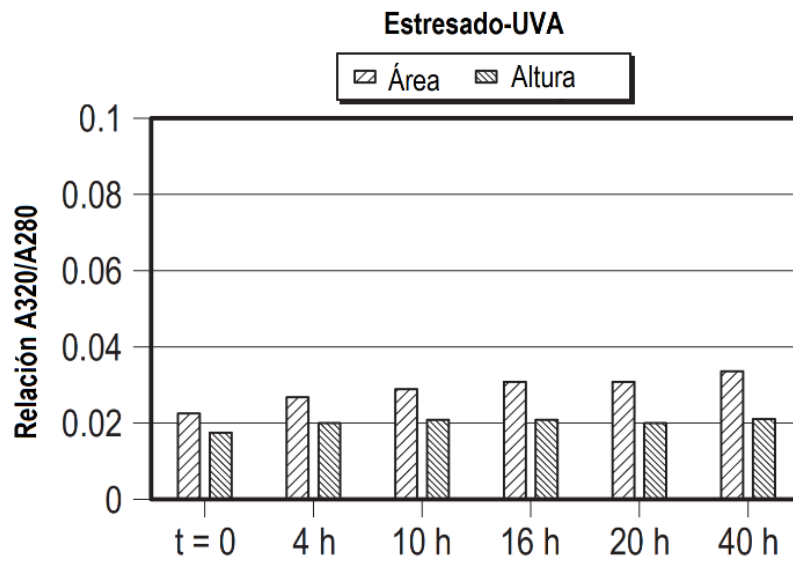


FIG. 24A

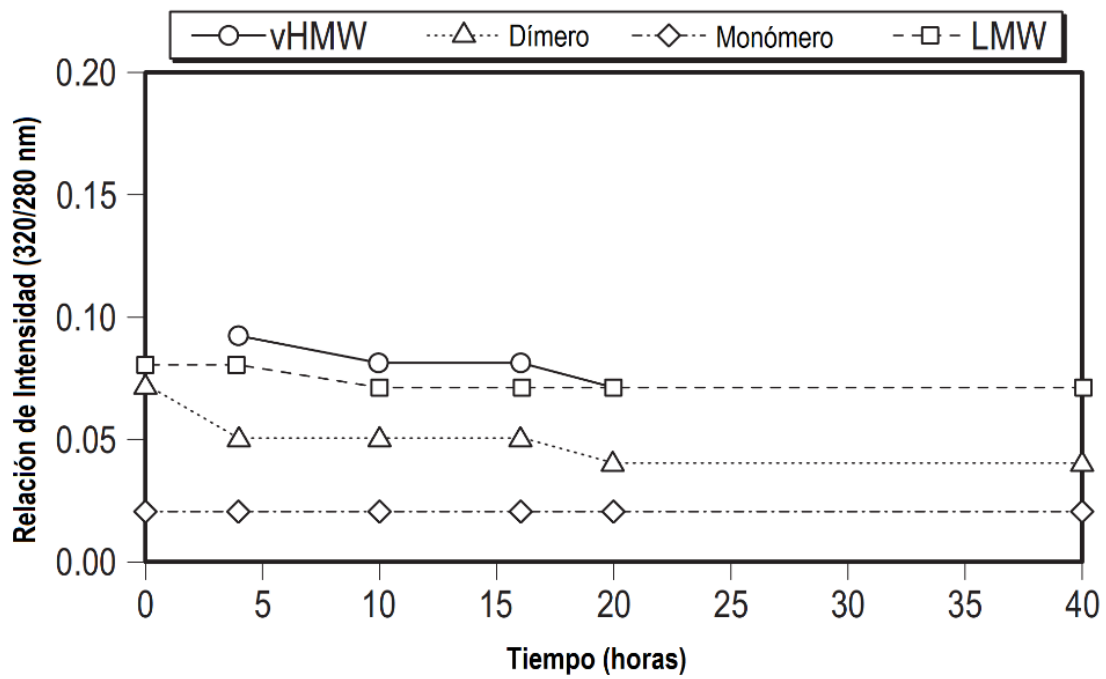


FIG. 24B

Estimados Escalados						
Término	Estimado Escalado		Error Estd.	Relación t	Prob> t	
Intercept	0.4682071		0.009776	47.89	<.0001*	
Cisteína (0,1)	0.3470799		0.009806	35.40	<.0001*	
Grupo B-Vits (0, 1)	0.0373611		0.009897	3.78	0.0008*	
Fierro (0,1)	0.0698208		0.010074	6.93	<.0001*	
Zinc (0,1)	0.0538585		0.010255	5.25	<.0001*	
Ácido Fólico (0,1)	0.037899		0.010172	3.73	0.0009*	
Grupo Cisteína*B-Vits	0.0253685		0.009837	2.58	0.0155*	
Cisteína*Fierro	0.07244		0.01011	7.17	<.0001*	
Cisteína*Zinc	0.0339284		0.009973	3.40	0.0020*	
Cisteína*Ácido Fólico	0.0298402		0.010218	2.92	0.0068*	
Grupo B-Vits*Fierro	0.0229271		0.009945	2.31	0.0288*	
Grupoo B-Vits*Ácido Fólico	-0.022614		0.010243	-2.21	0.0356*	

FIG. 25A

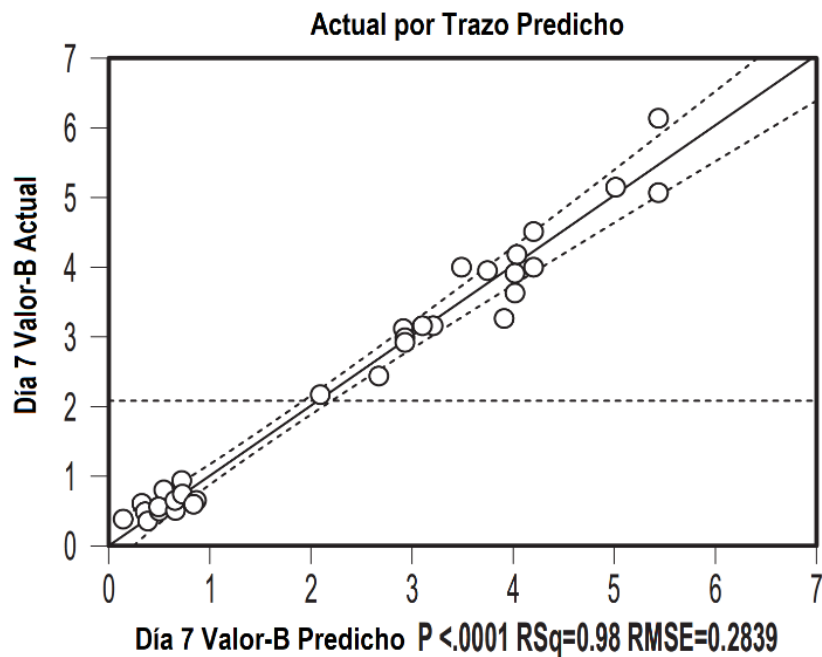


FIG. 25B

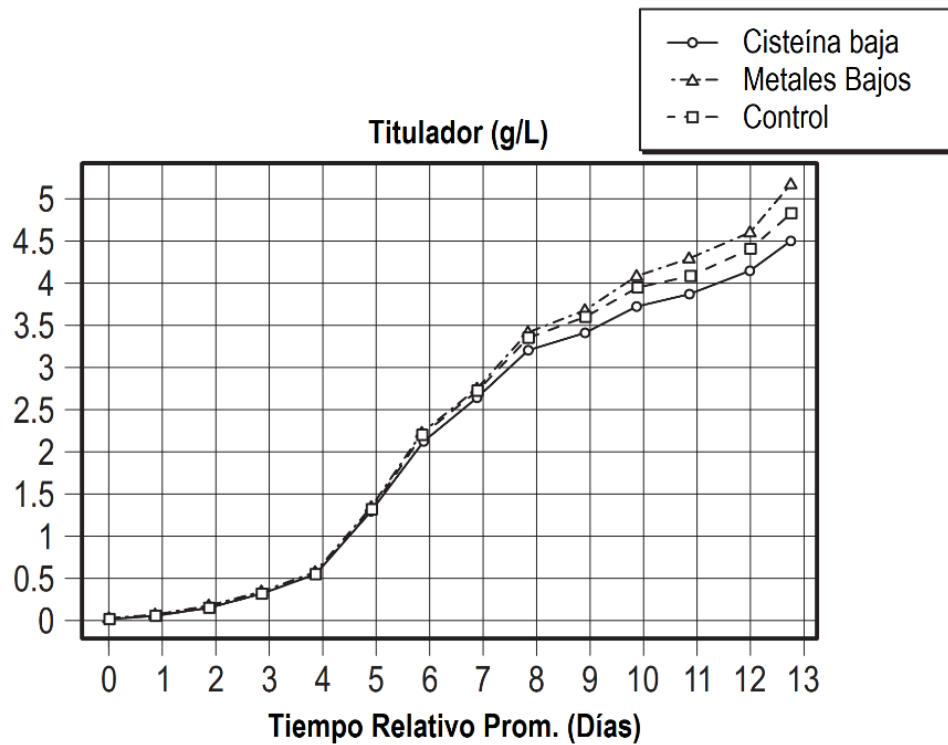


FIG. 26A

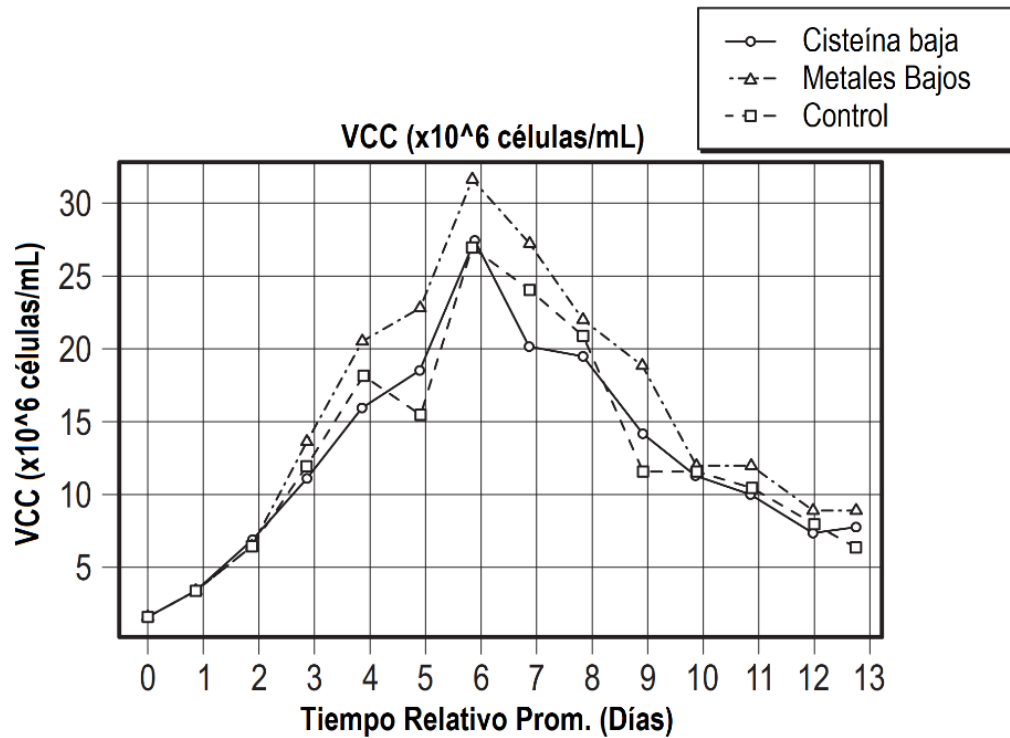


FIG. 26B

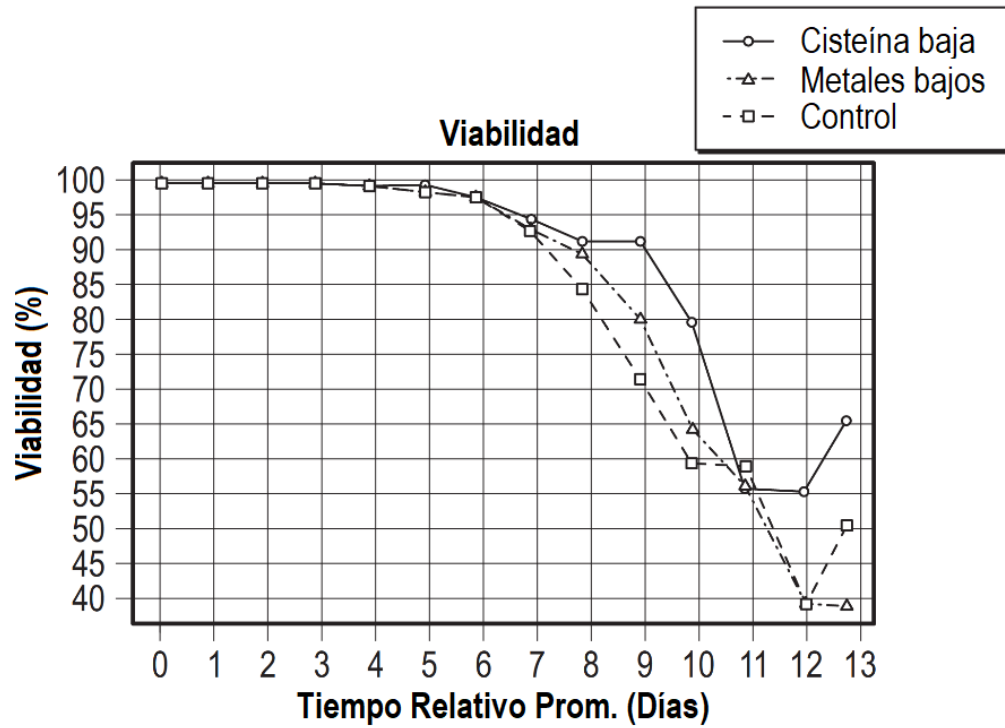


FIG. 26C

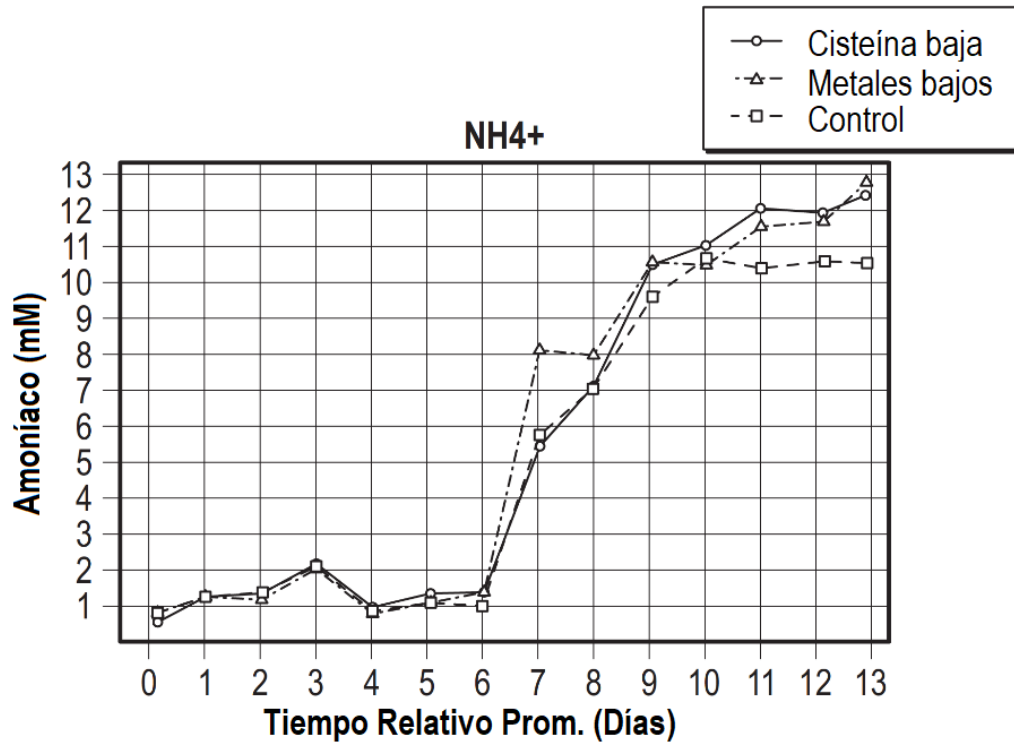


FIG. 26D

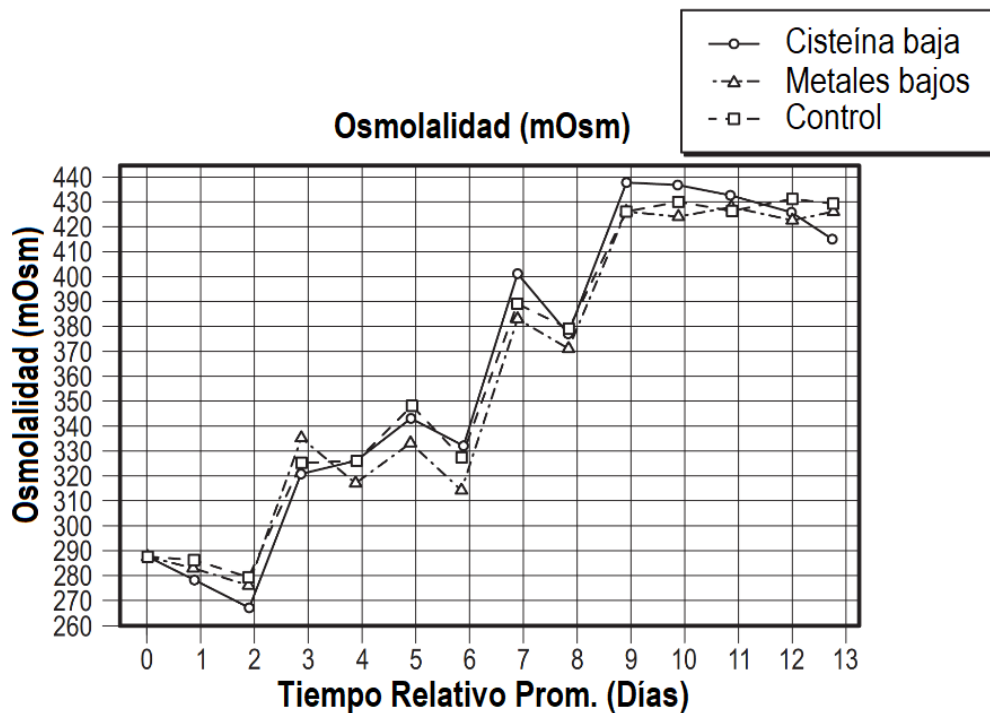


FIG. 26E

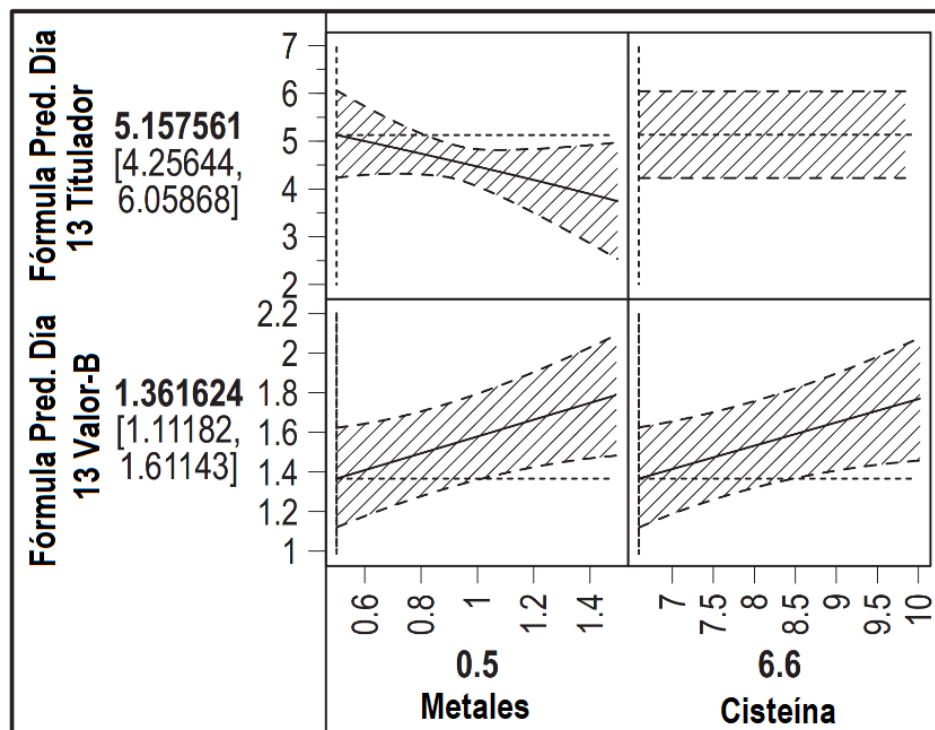


FIG. 27

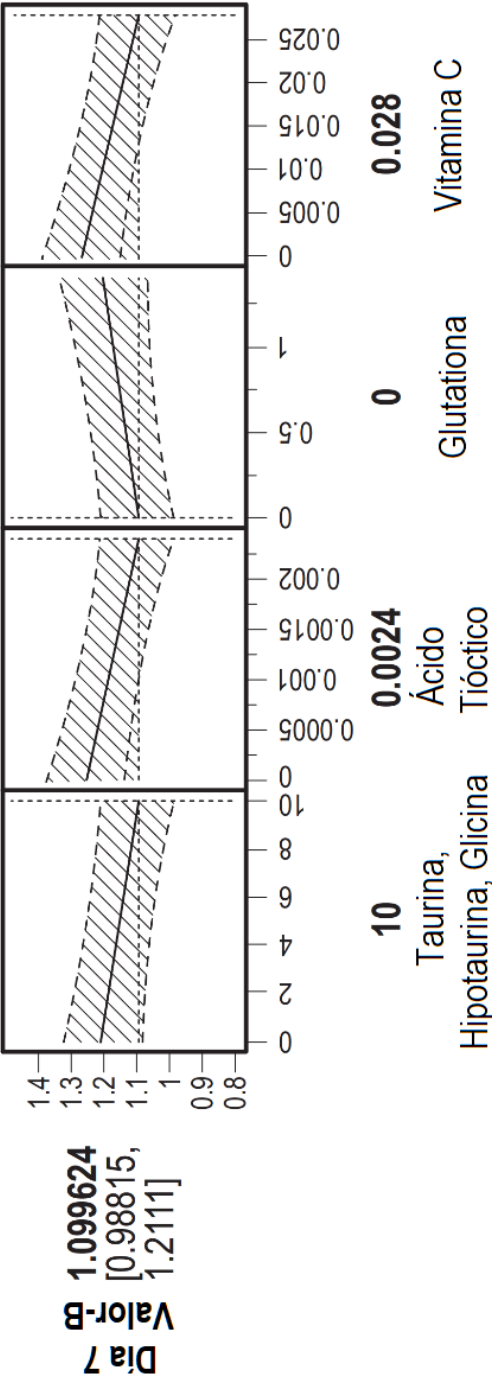


FIG. 28A

Estimados Escalados				
Término	Estimado Escalado	Error Estd.	Relación t	Prob> t
Intercept	1.3997181			
Taurina, Hipotaurina, Glicina (0,1)	-0.153727	0.022019	63.57	<.0001*
Ácido Tióctico (0,1)	-0.010756	0.02201	-6.98	<.0001*
Glutathione (0,1)	0.152492	0.022019	-0.49	0.6293
Vitamina C (0,1)	-0.017603	0.022112	6.90	<.0001*
Taurina, Hipotaurina, Glicina*Glutathione	-0.101323	0.02201	-0.80	0.4311
Ácido Tióctico*Vitamina C	-0.06684	0.022186	-4.57	0.0001*
		0.02201	-3.04	0.0054*

FIG. 28B

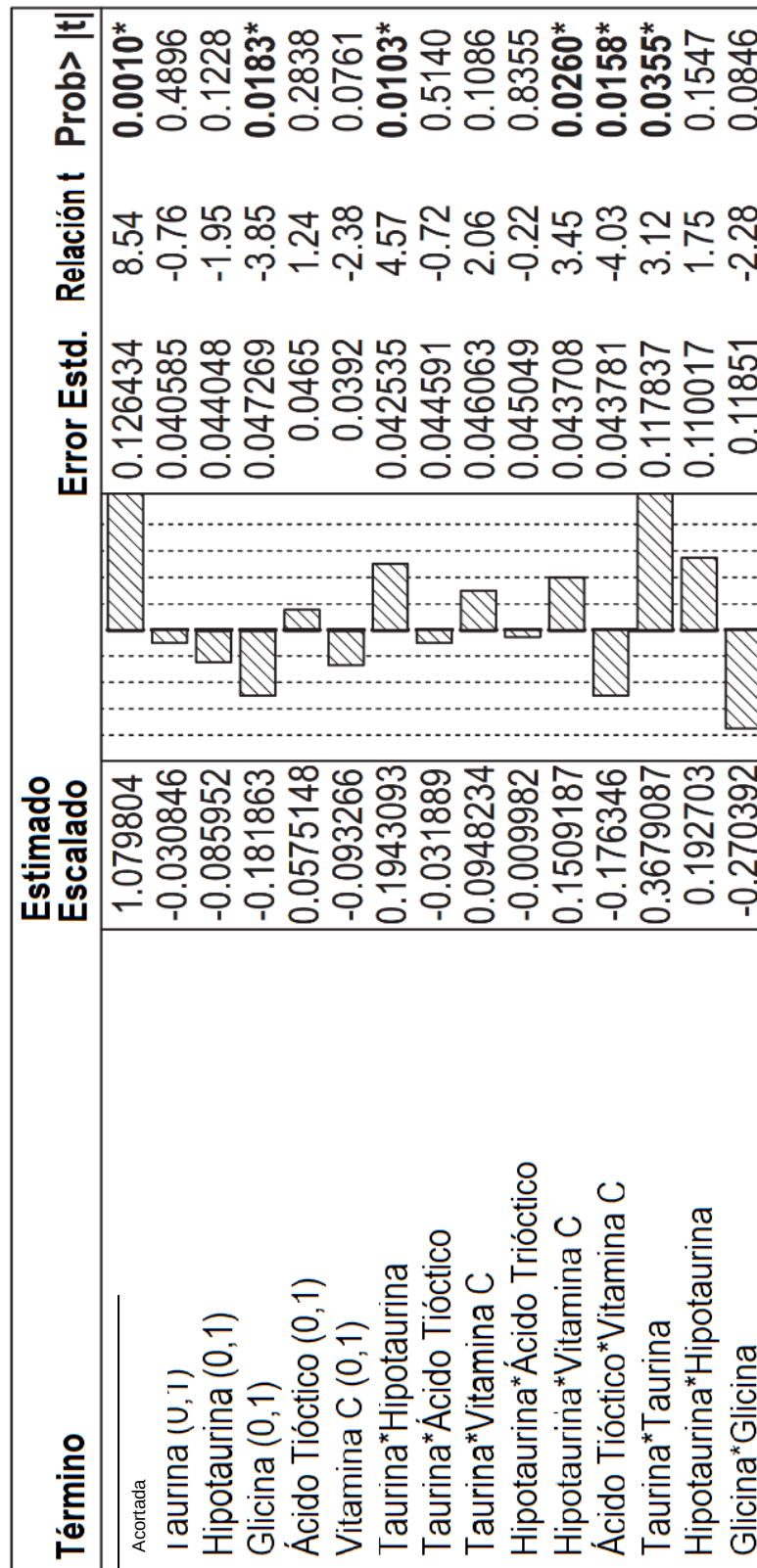
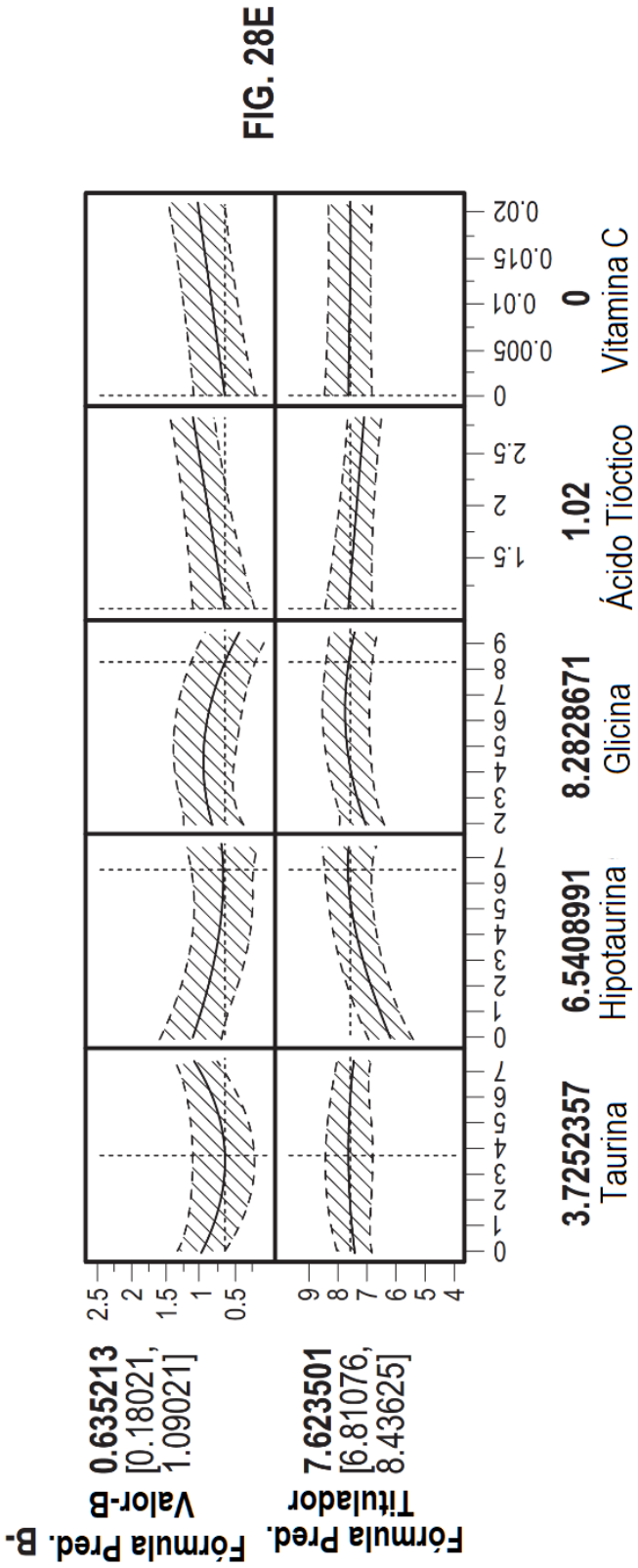
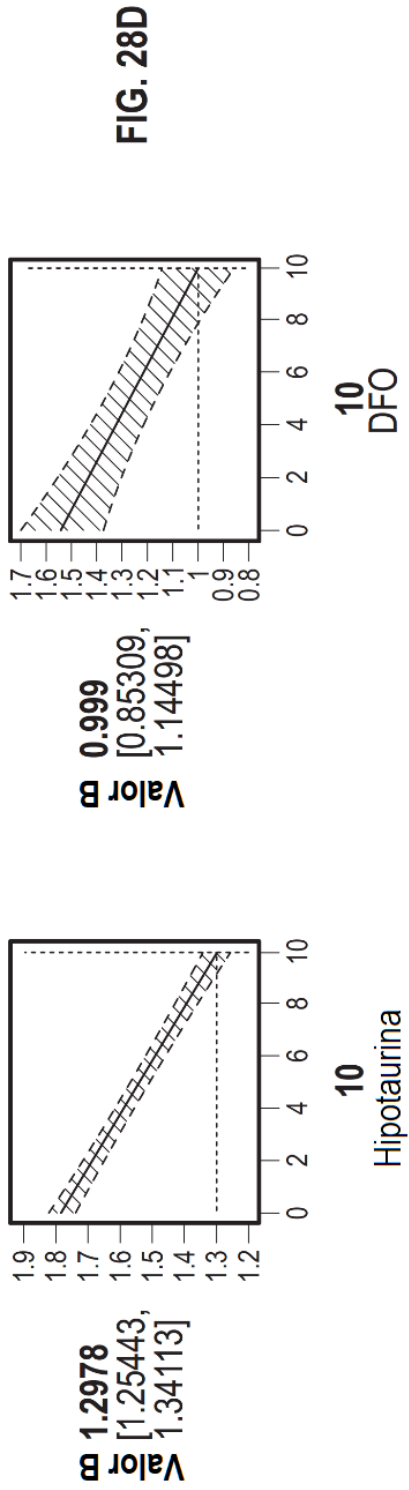
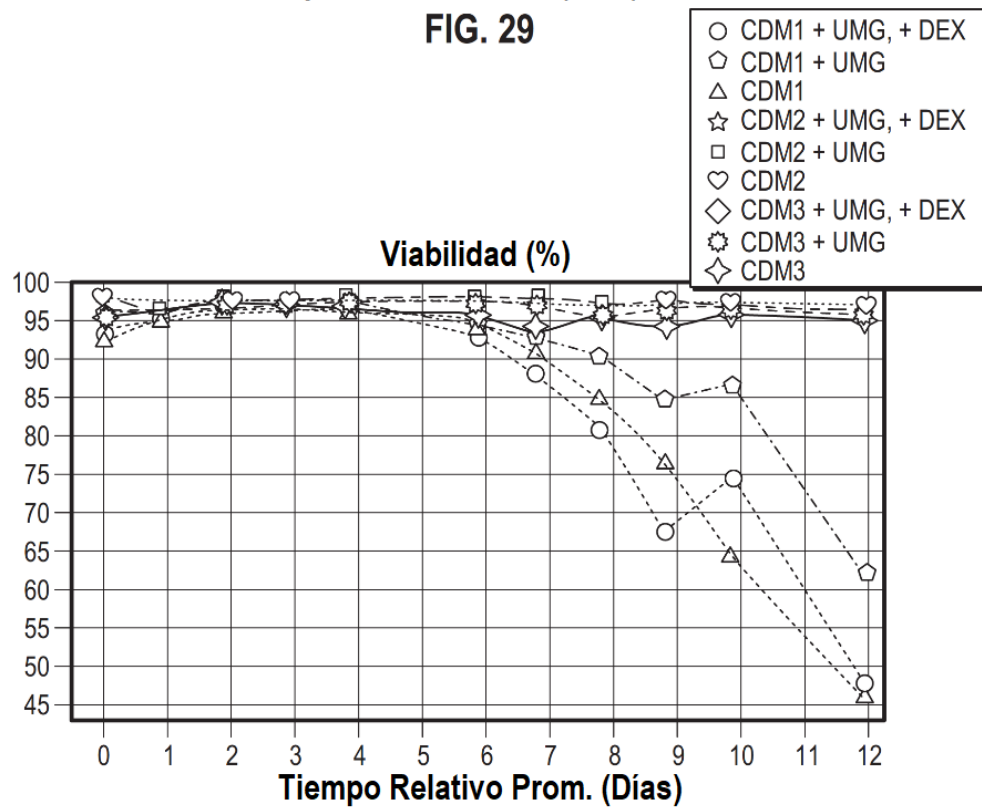
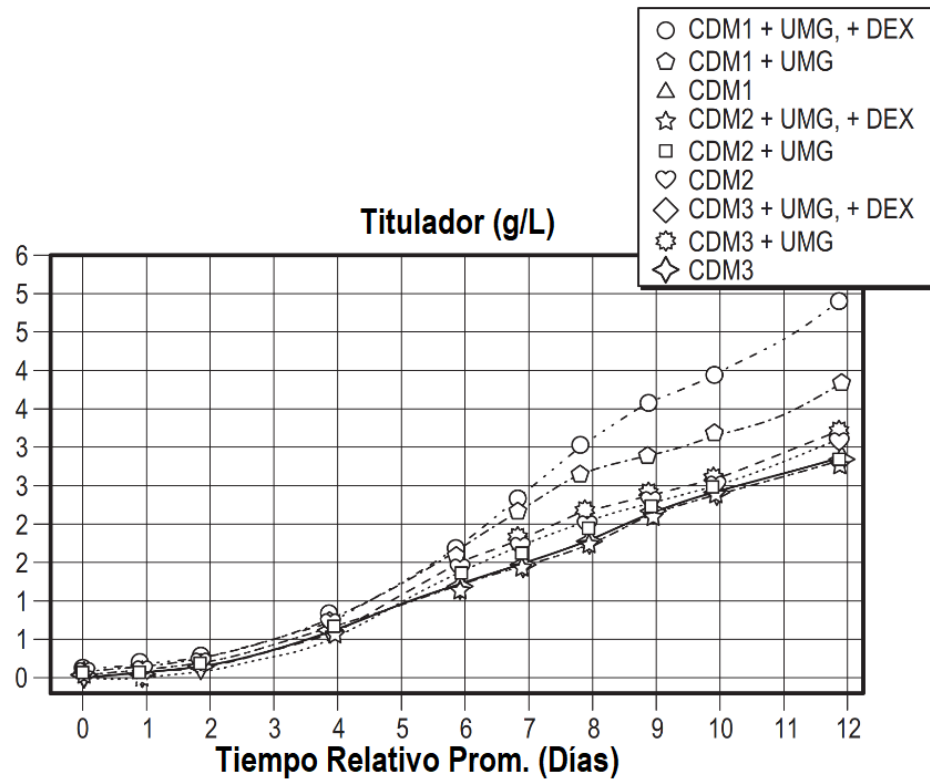


FIG. 28C





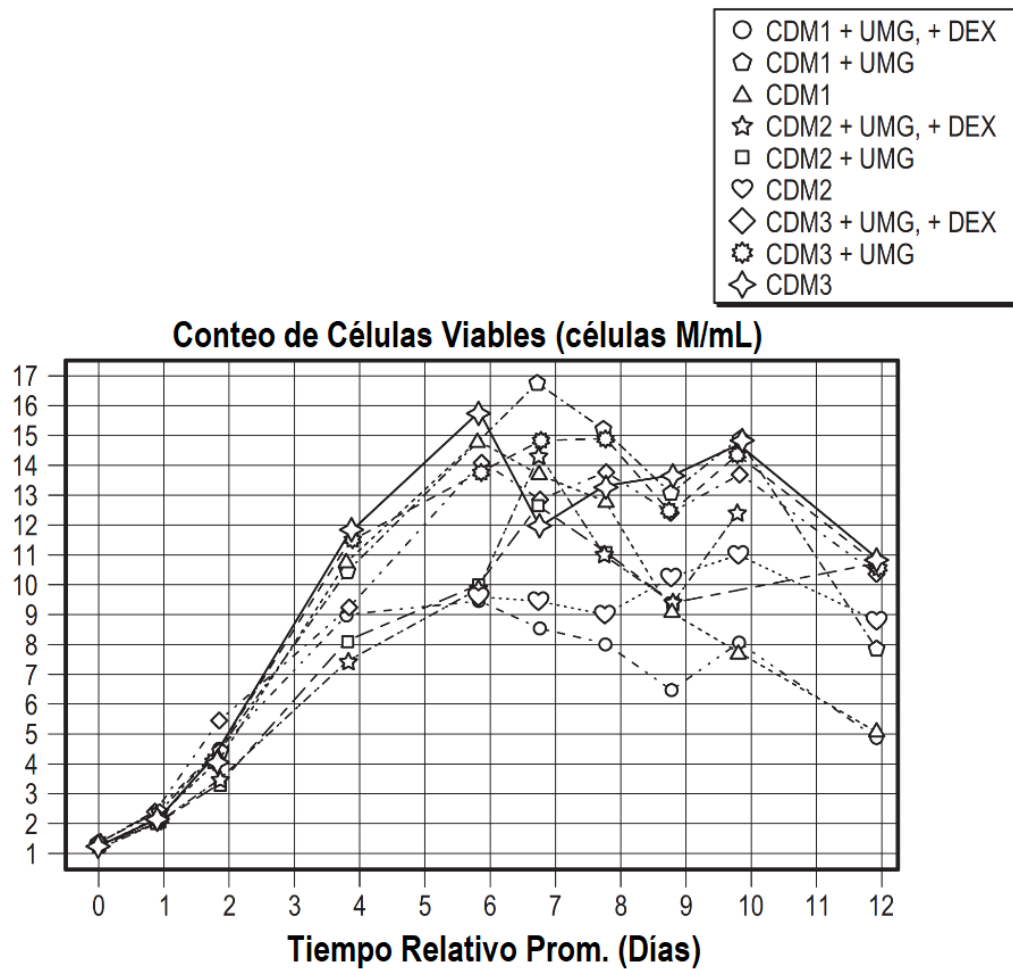


FIG. 31

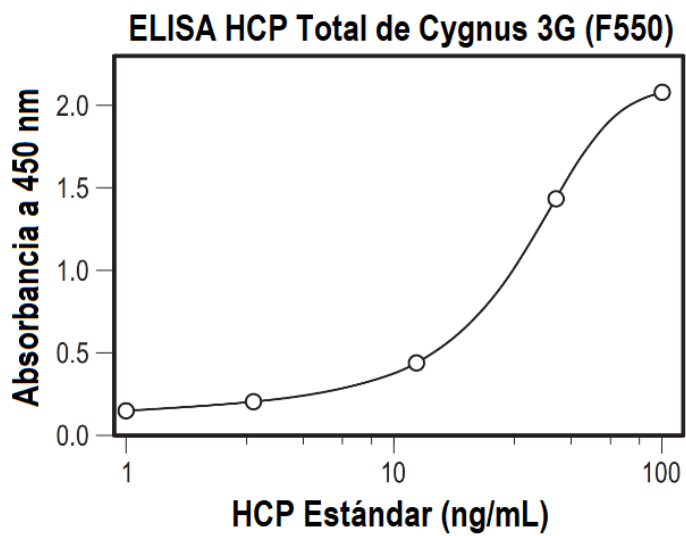


FIG. 32

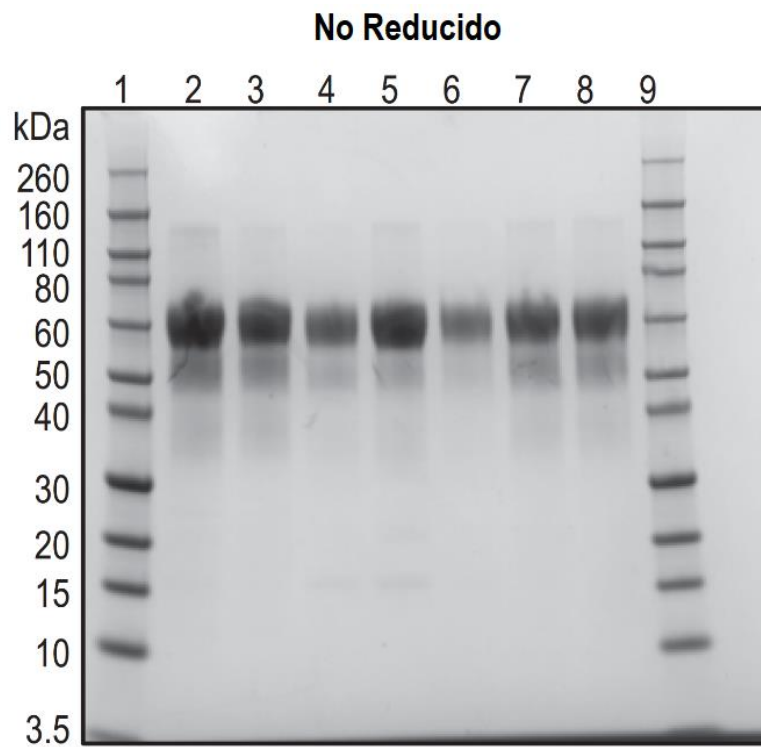


FIG. 33

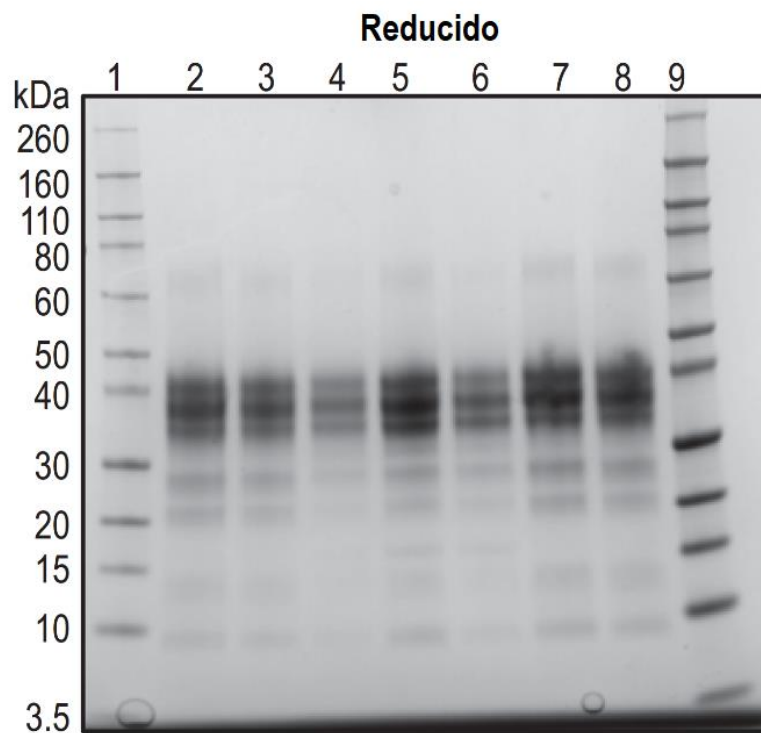


FIG. 34

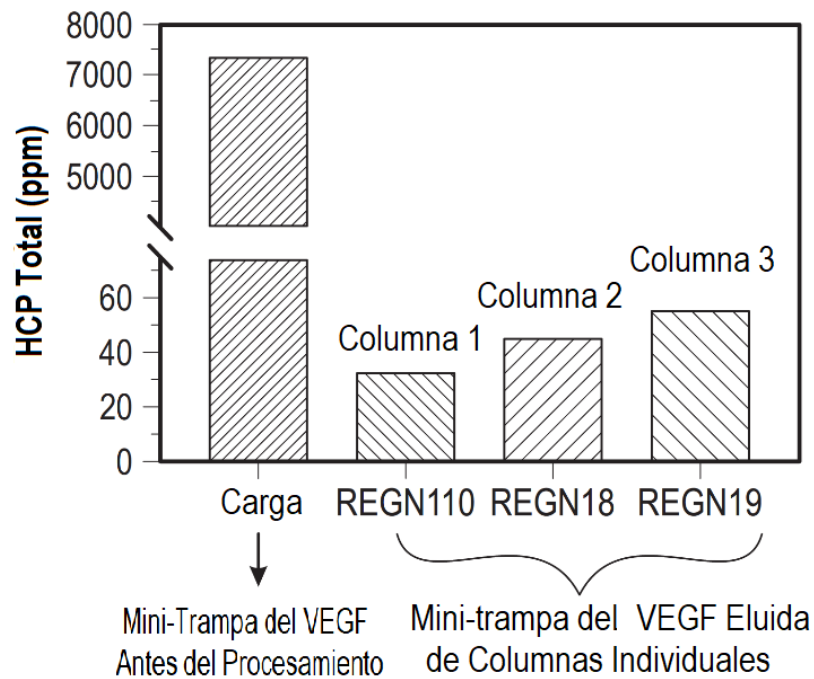


FIG. 35A

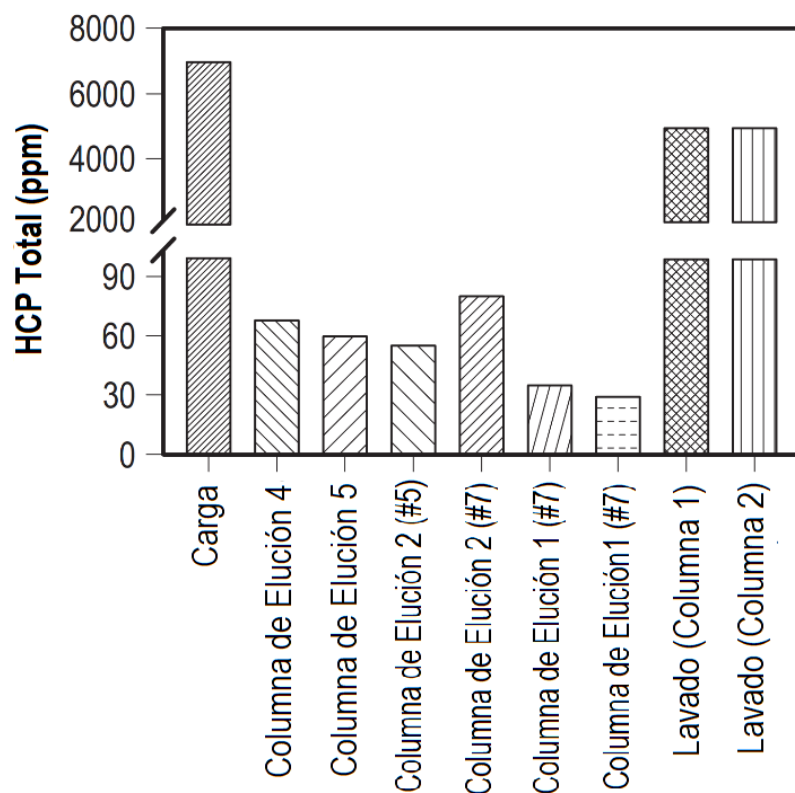


FIG. 35B

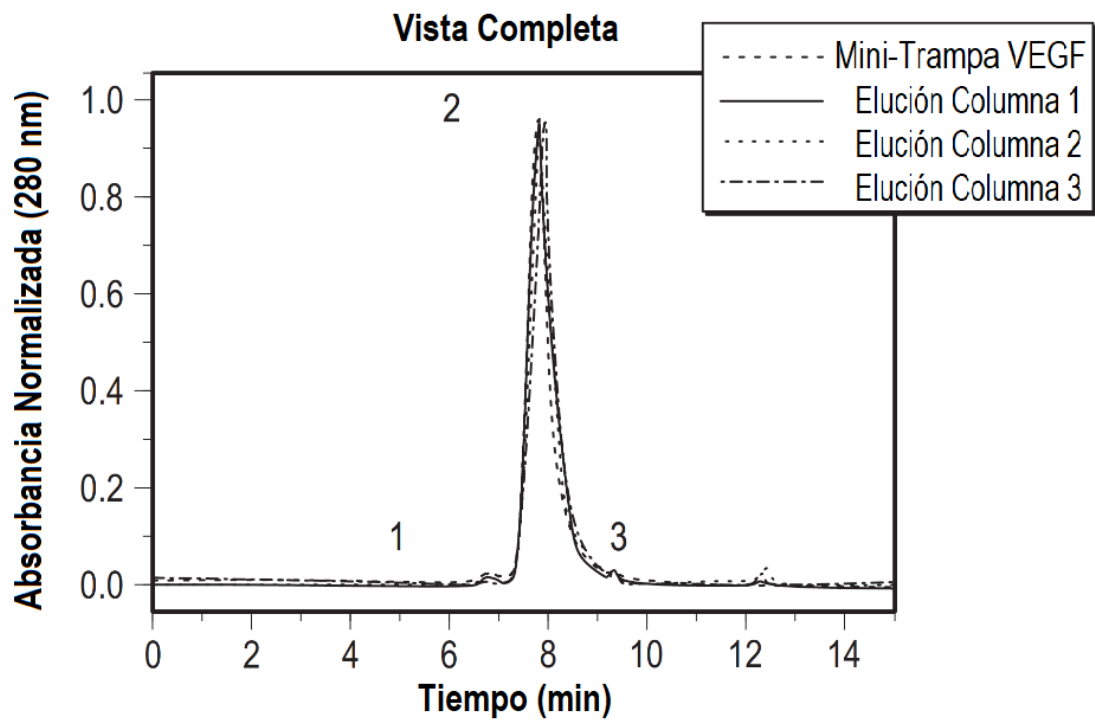


FIG. 36A

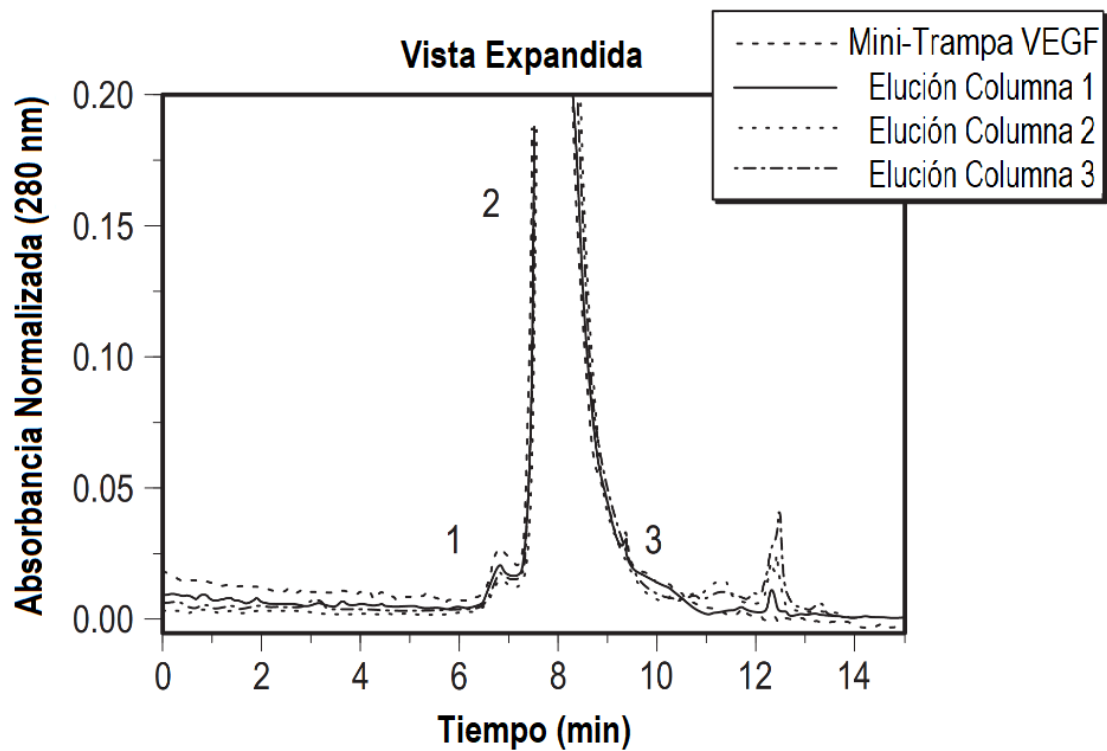


FIG. 36B

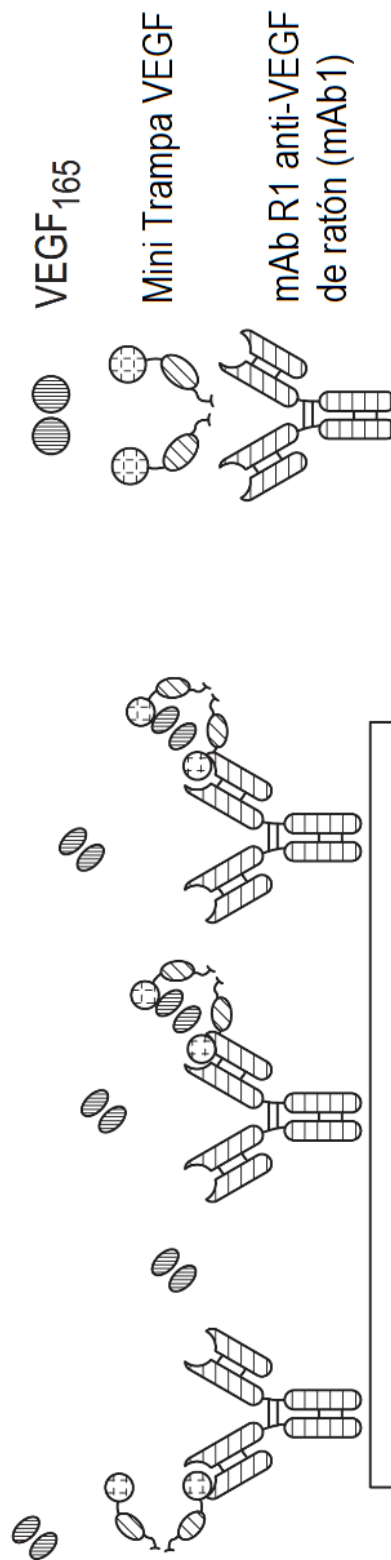


FIG. 37

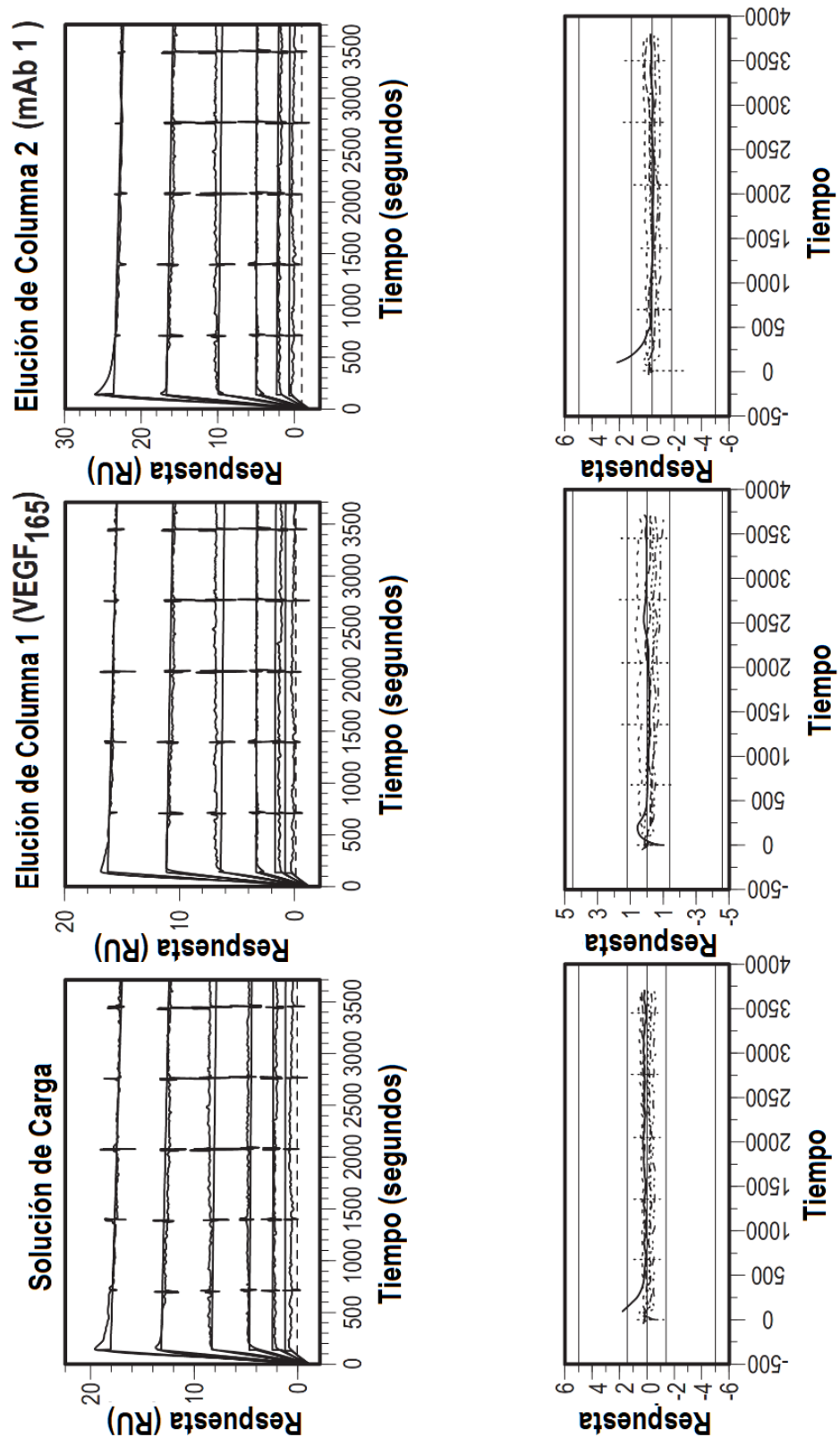


FIG. 38

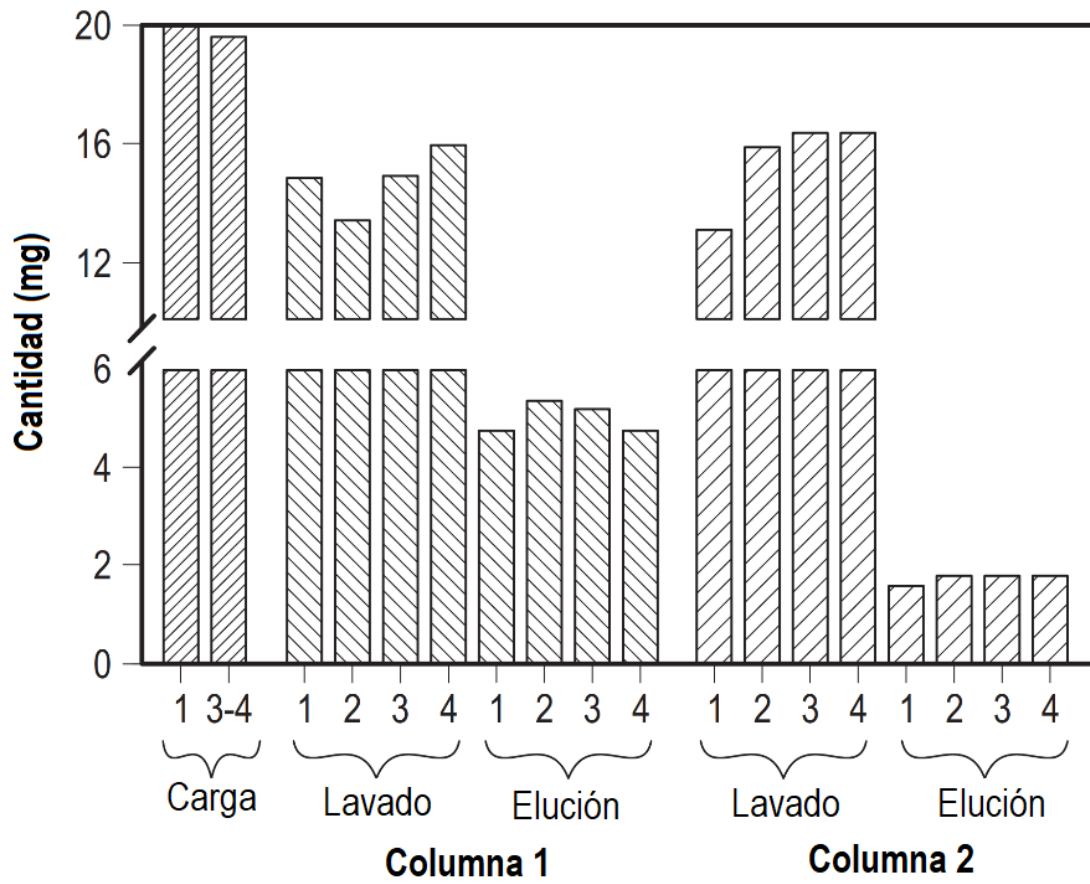


FIG. 39

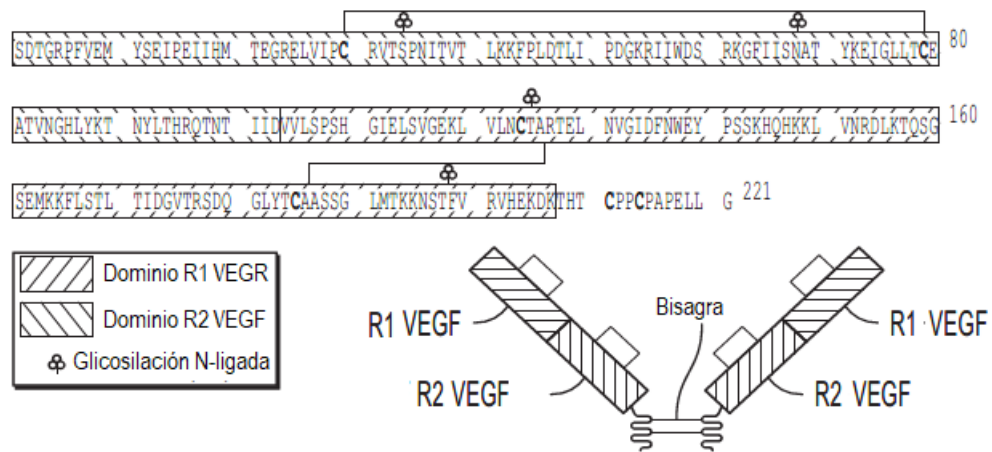


FIG. 40

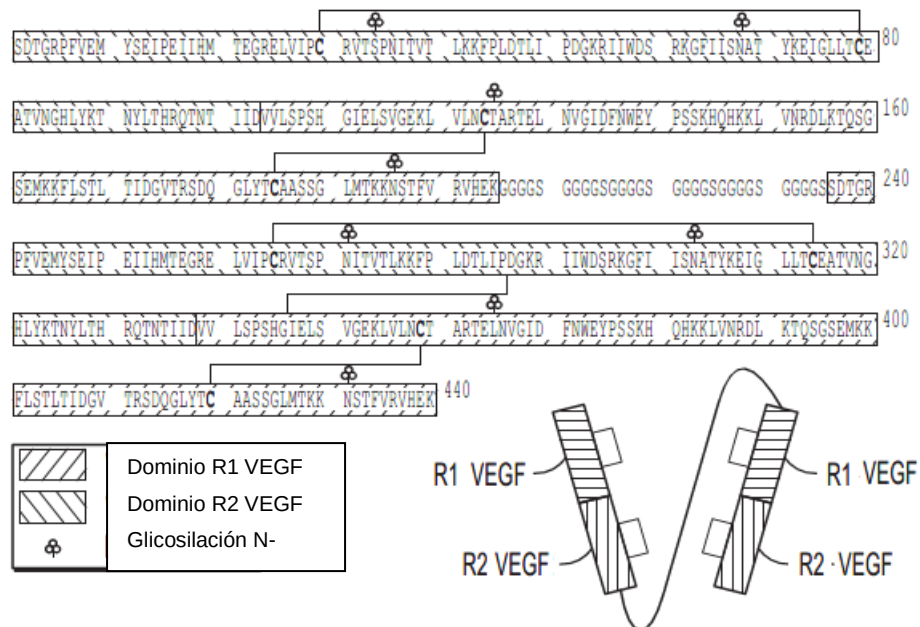


FIG. 41

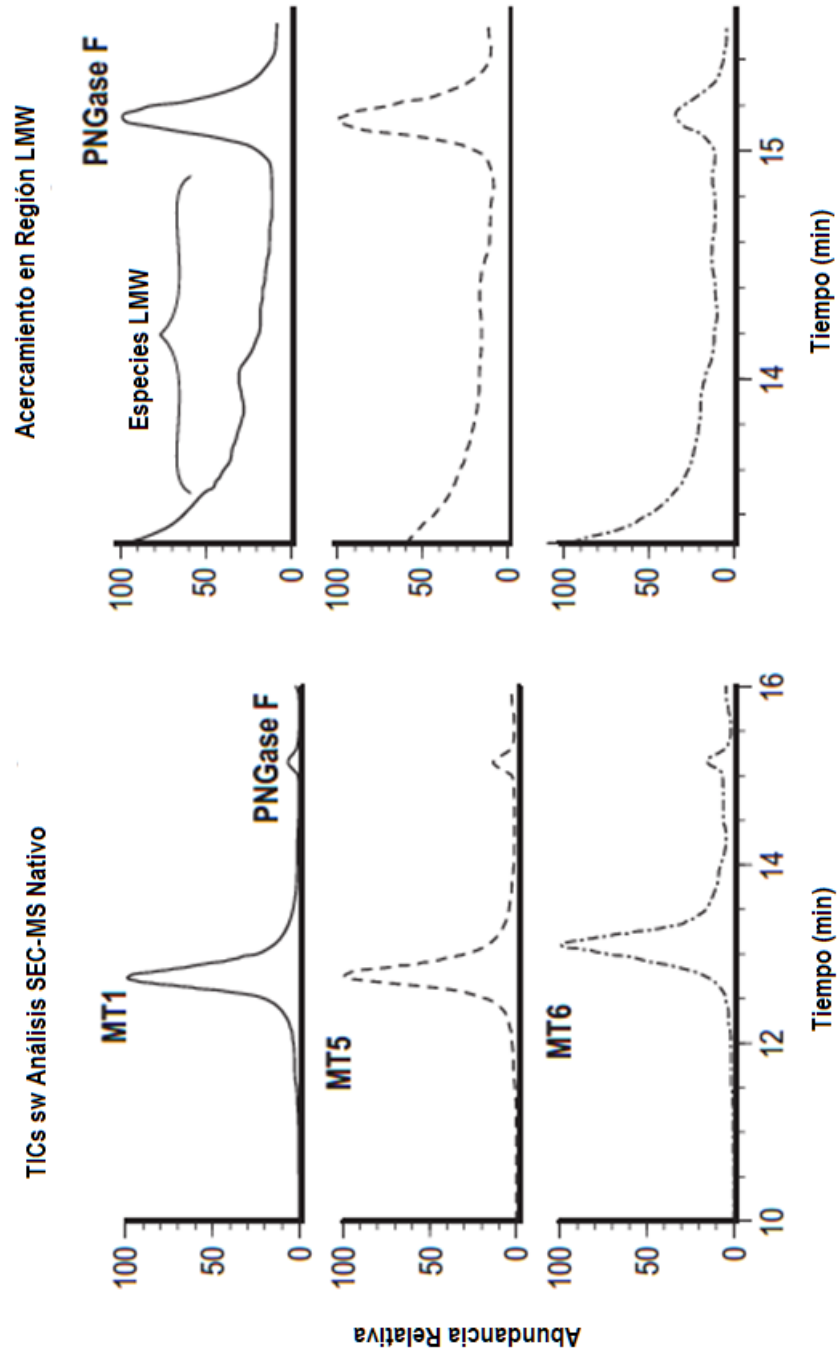


FIG. 42

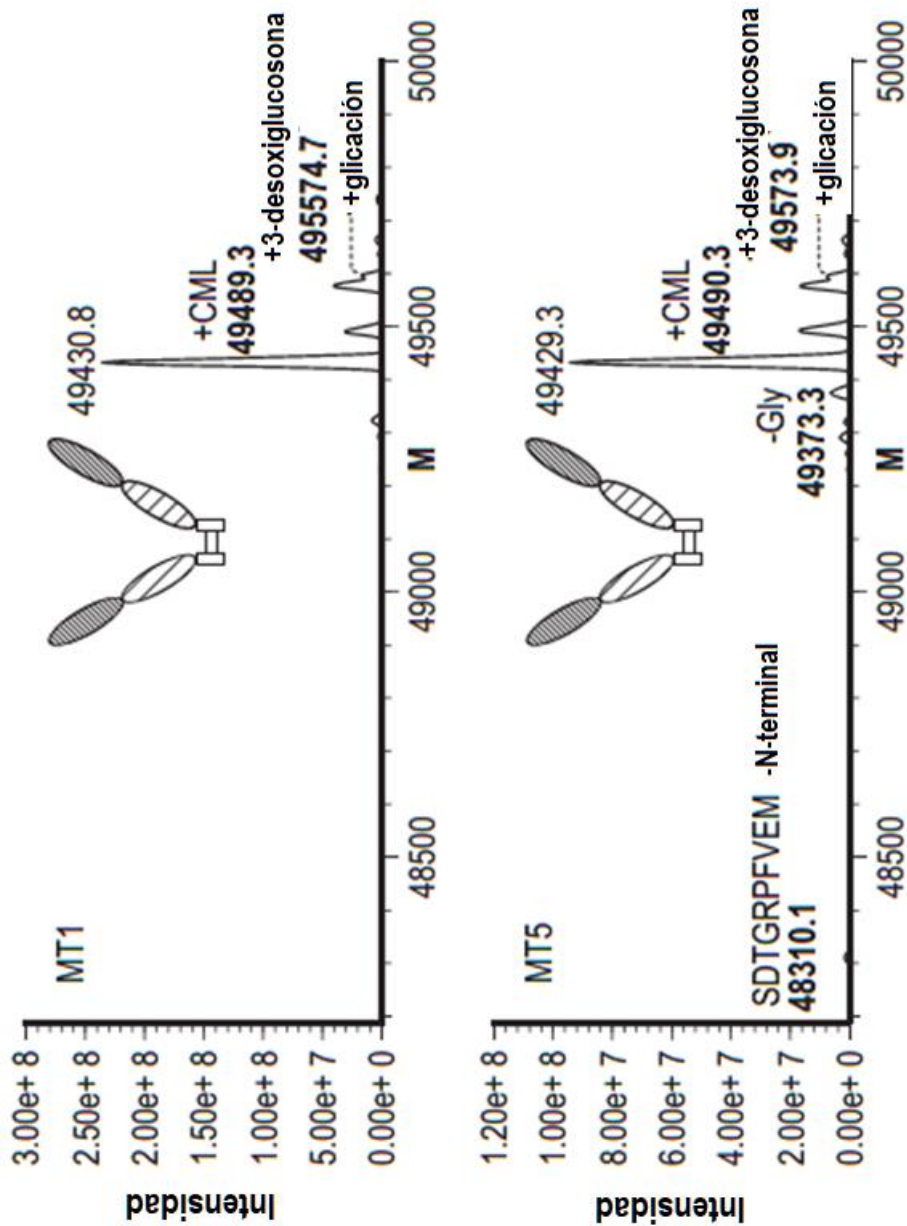


FIG. 43

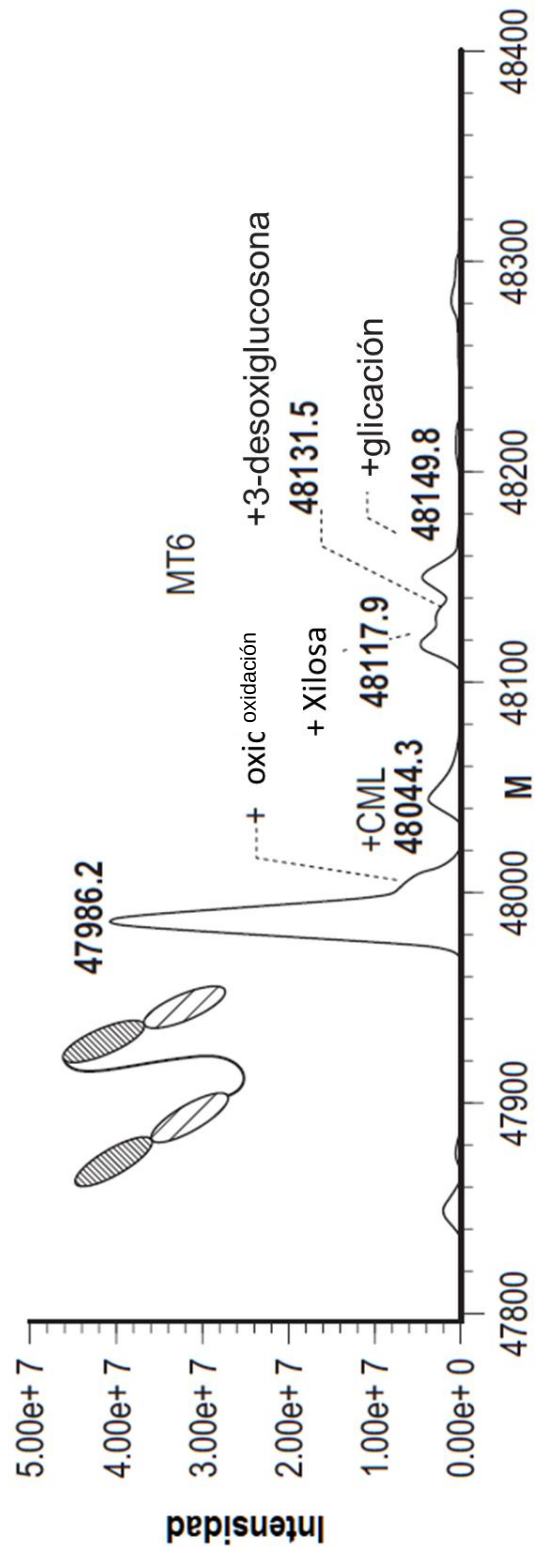


FIG. 44

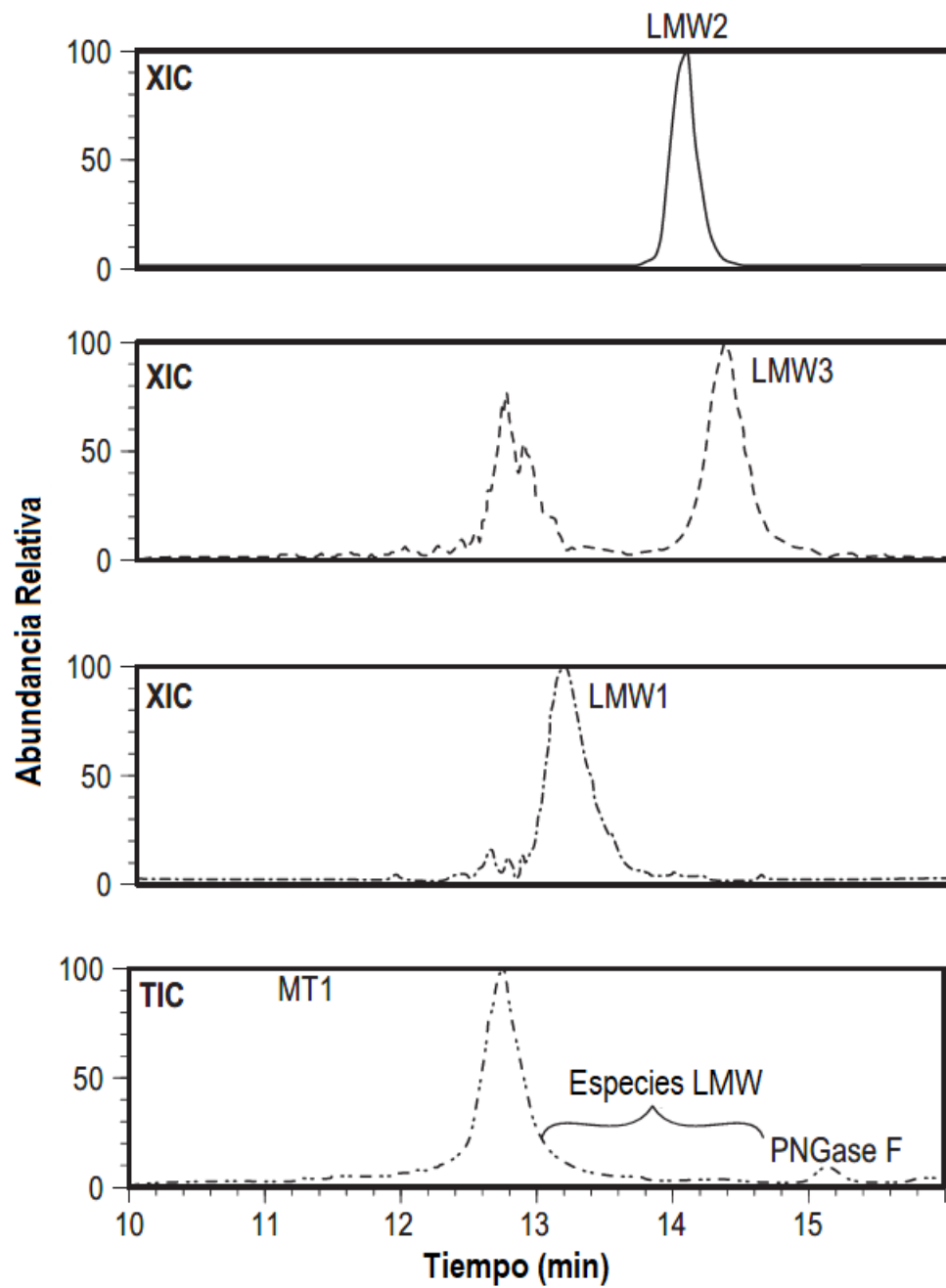


FIG. 45A

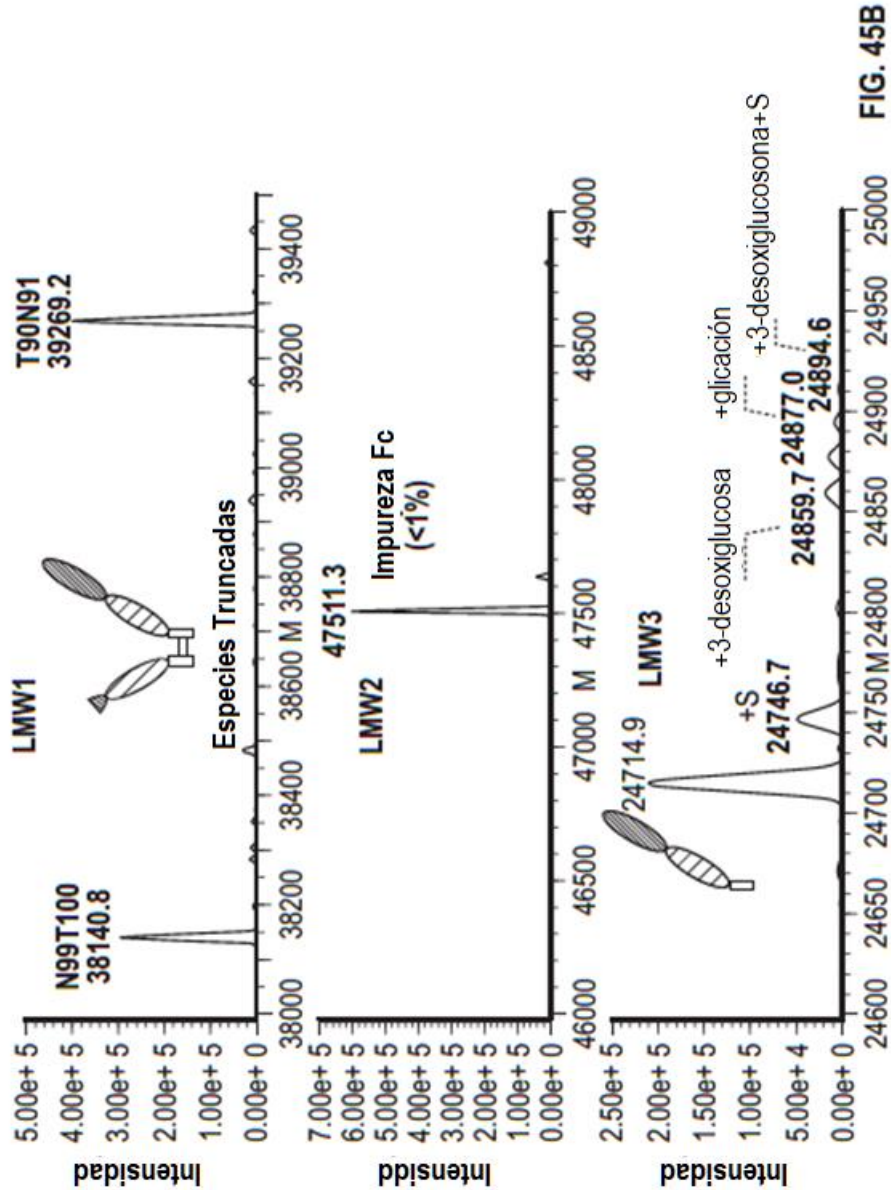


FIG. 45B

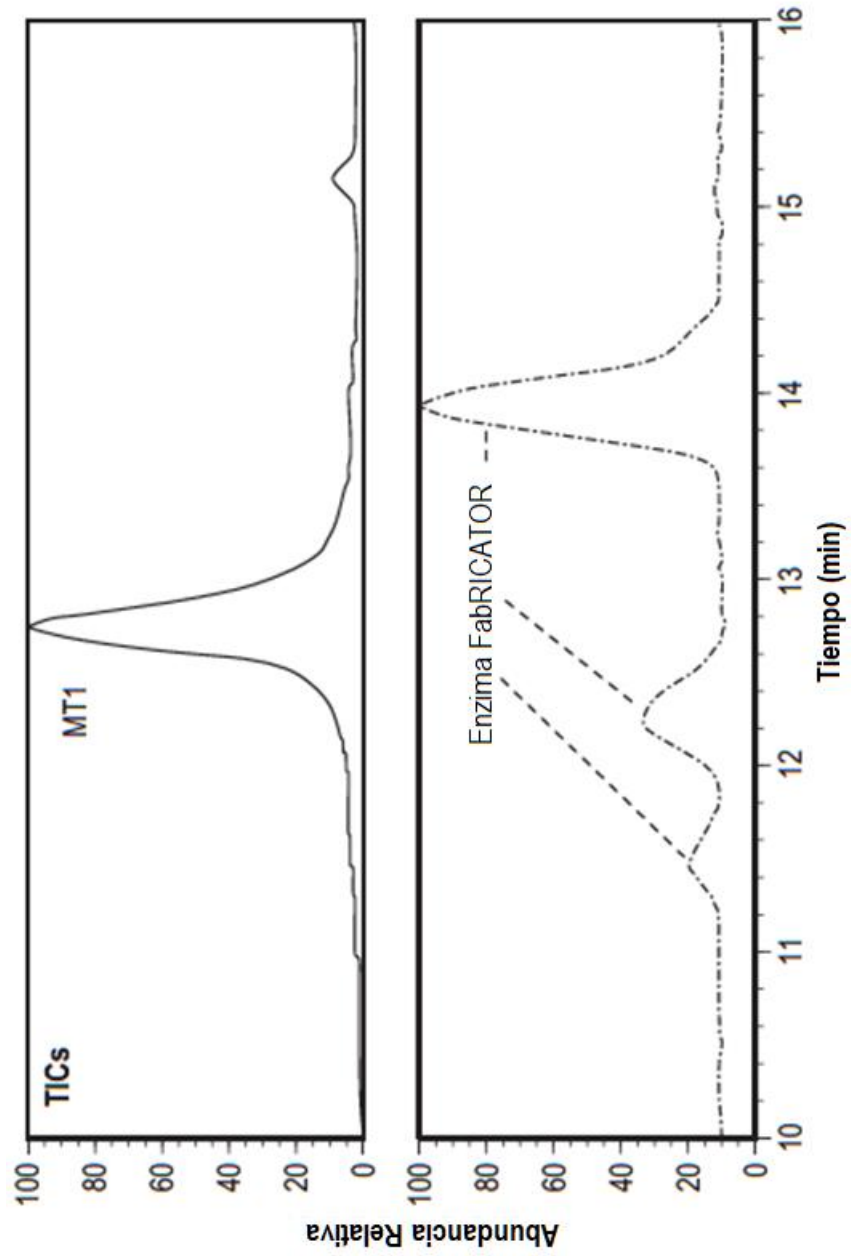


FIG. 46

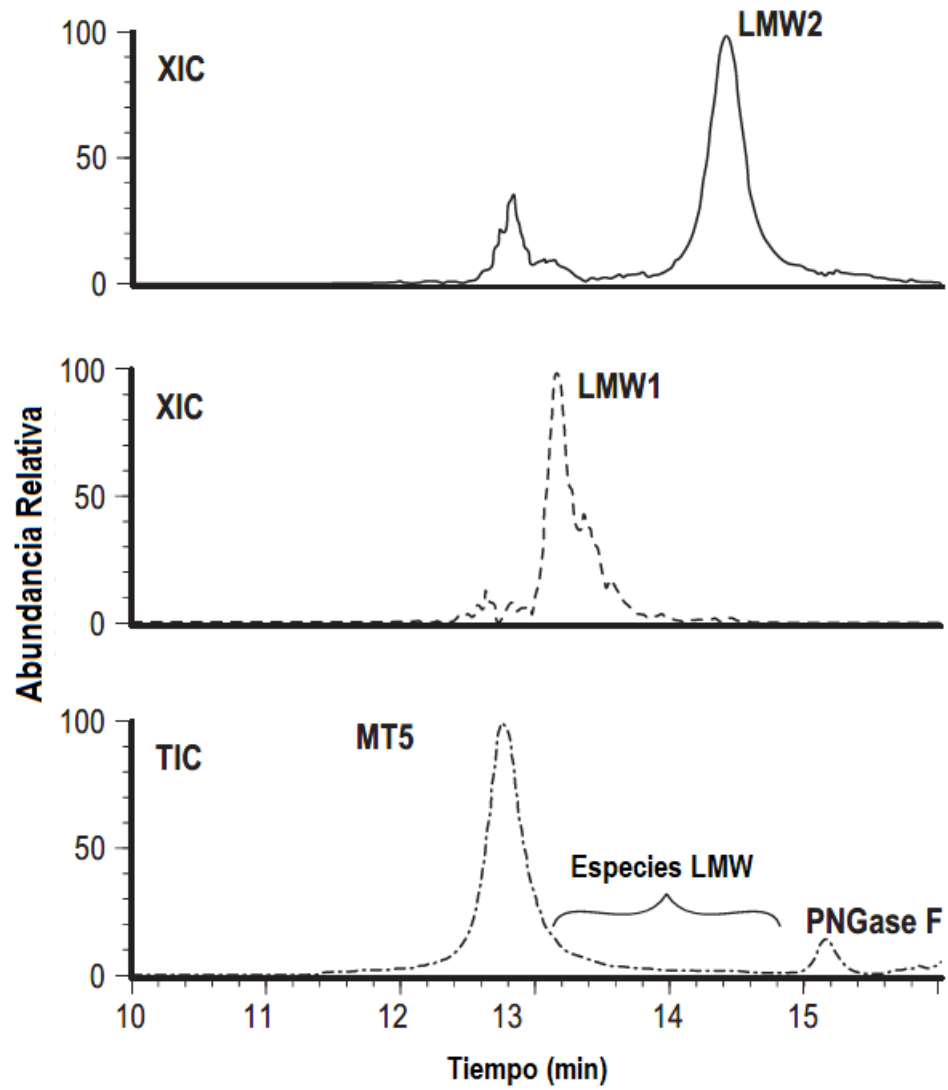


FIG. 47

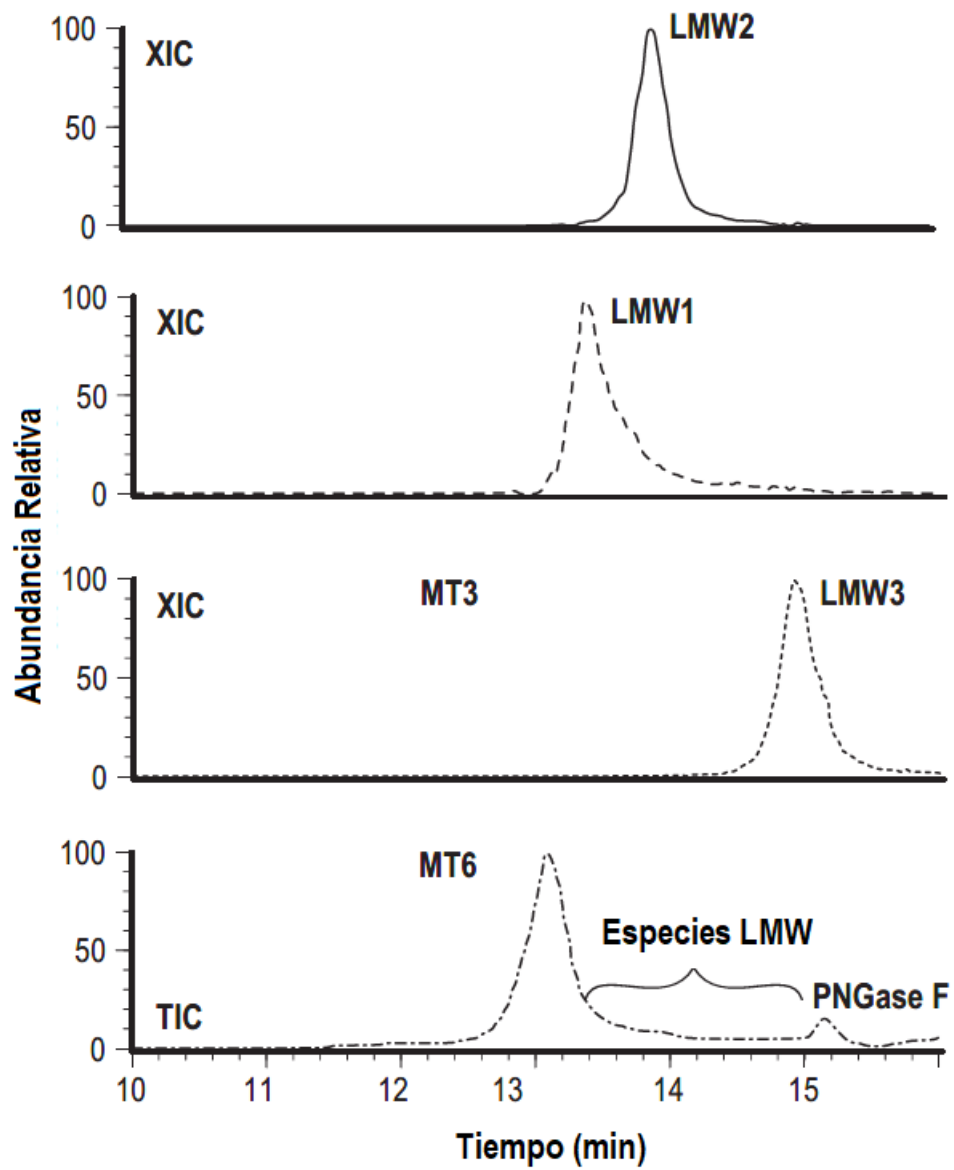


FIG. 48

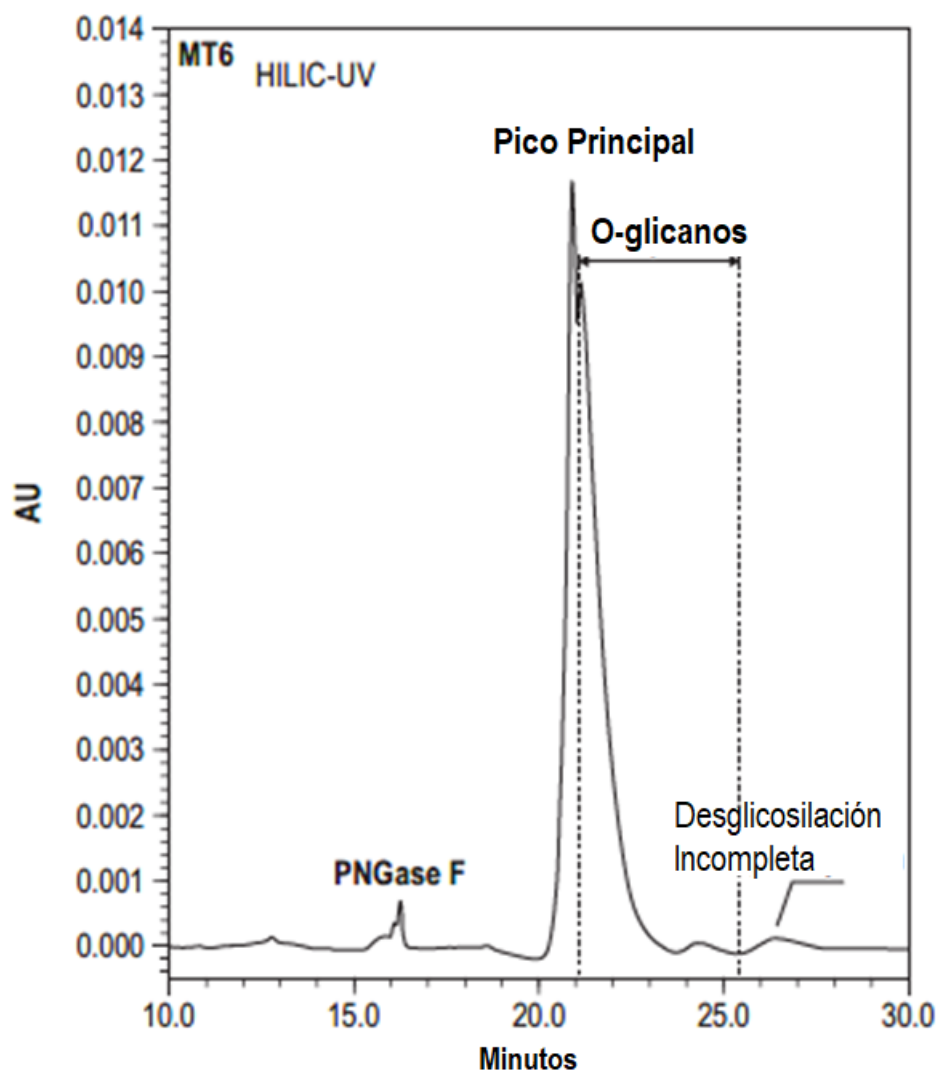
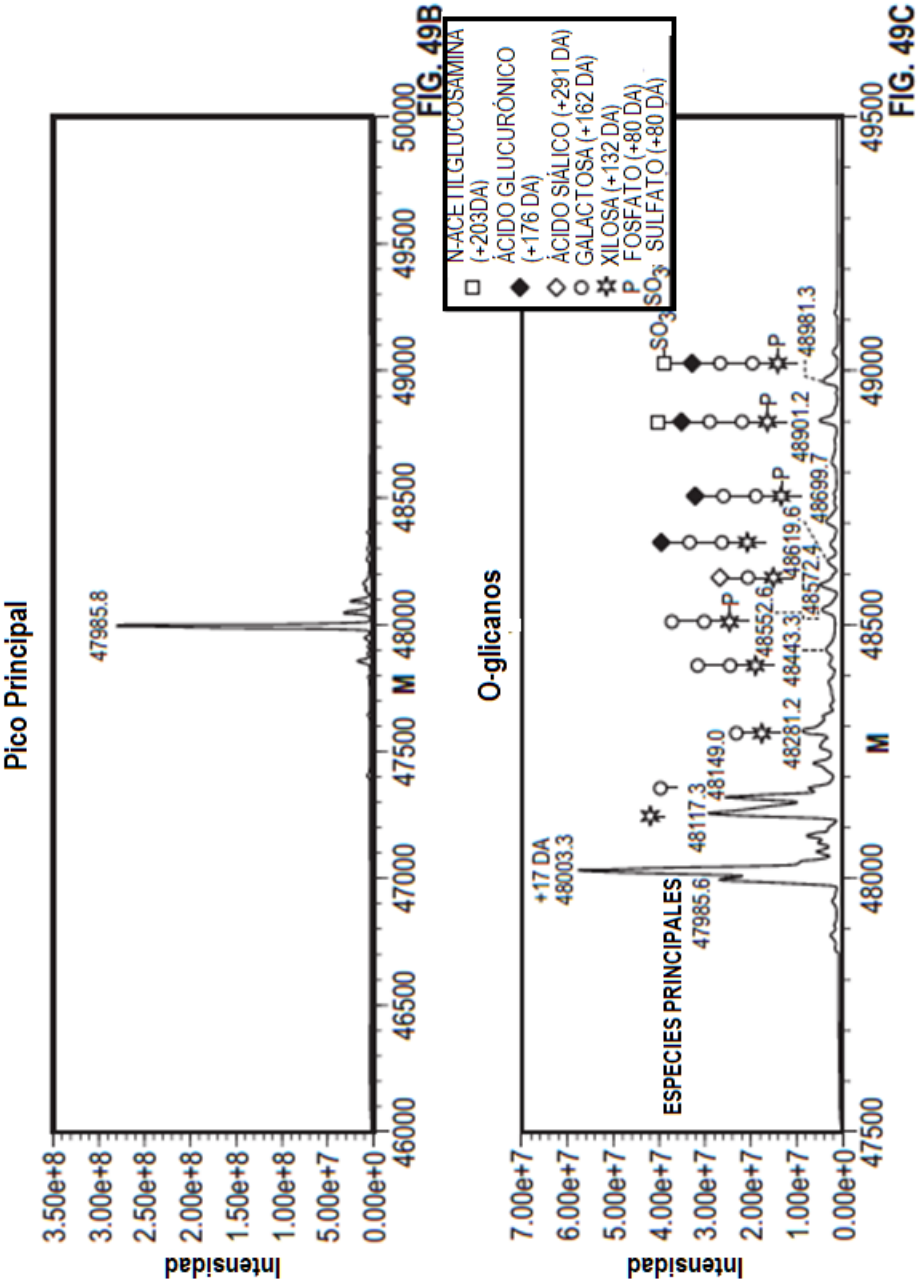


FIG. 49A



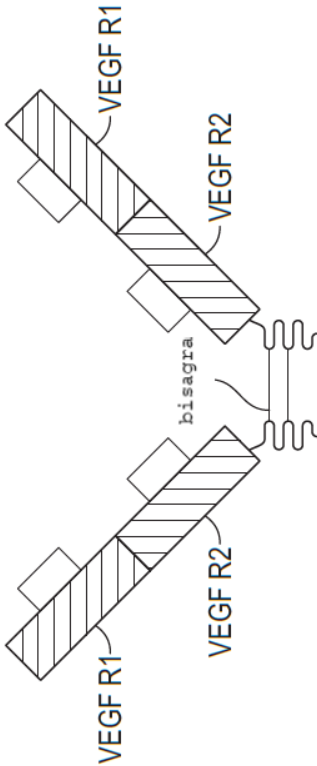
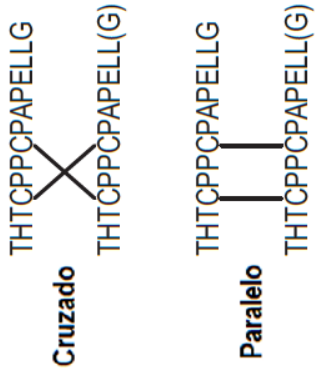


FIG. 50



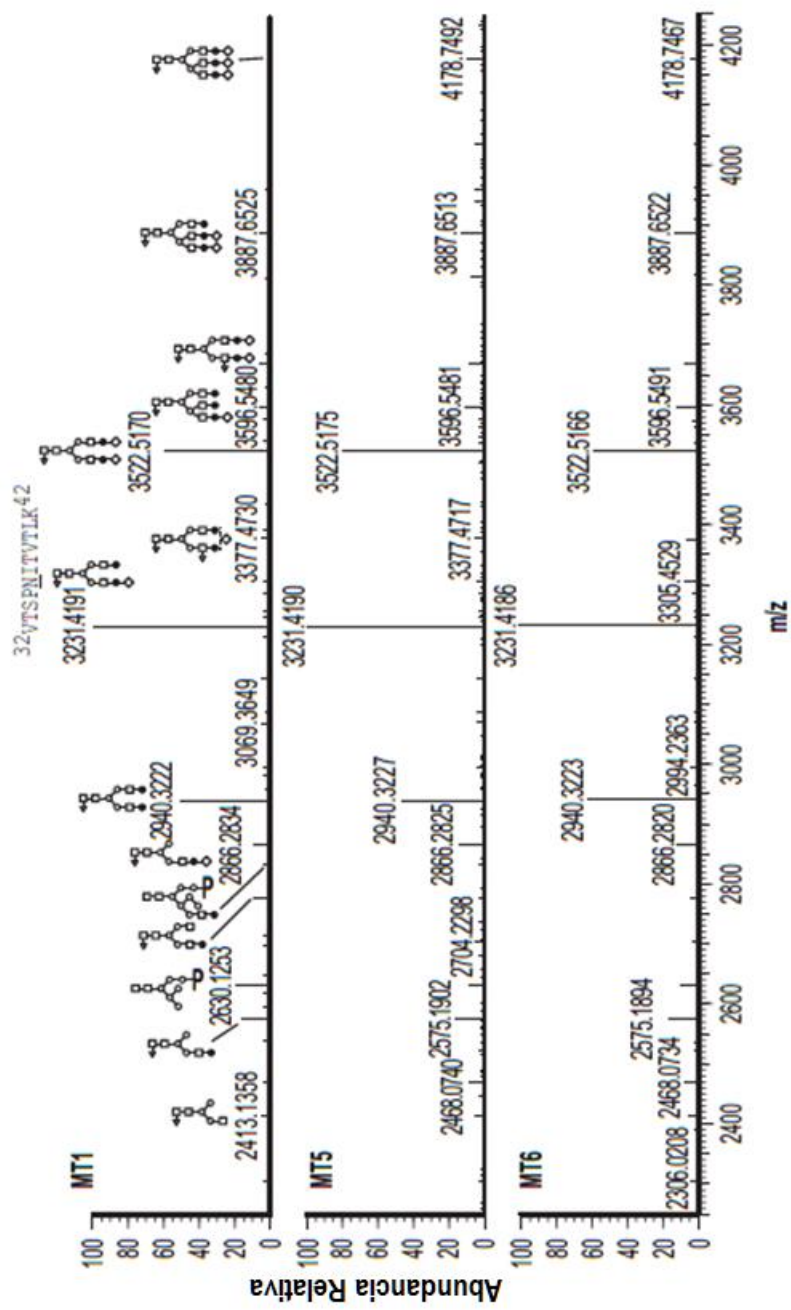


FIG. 51

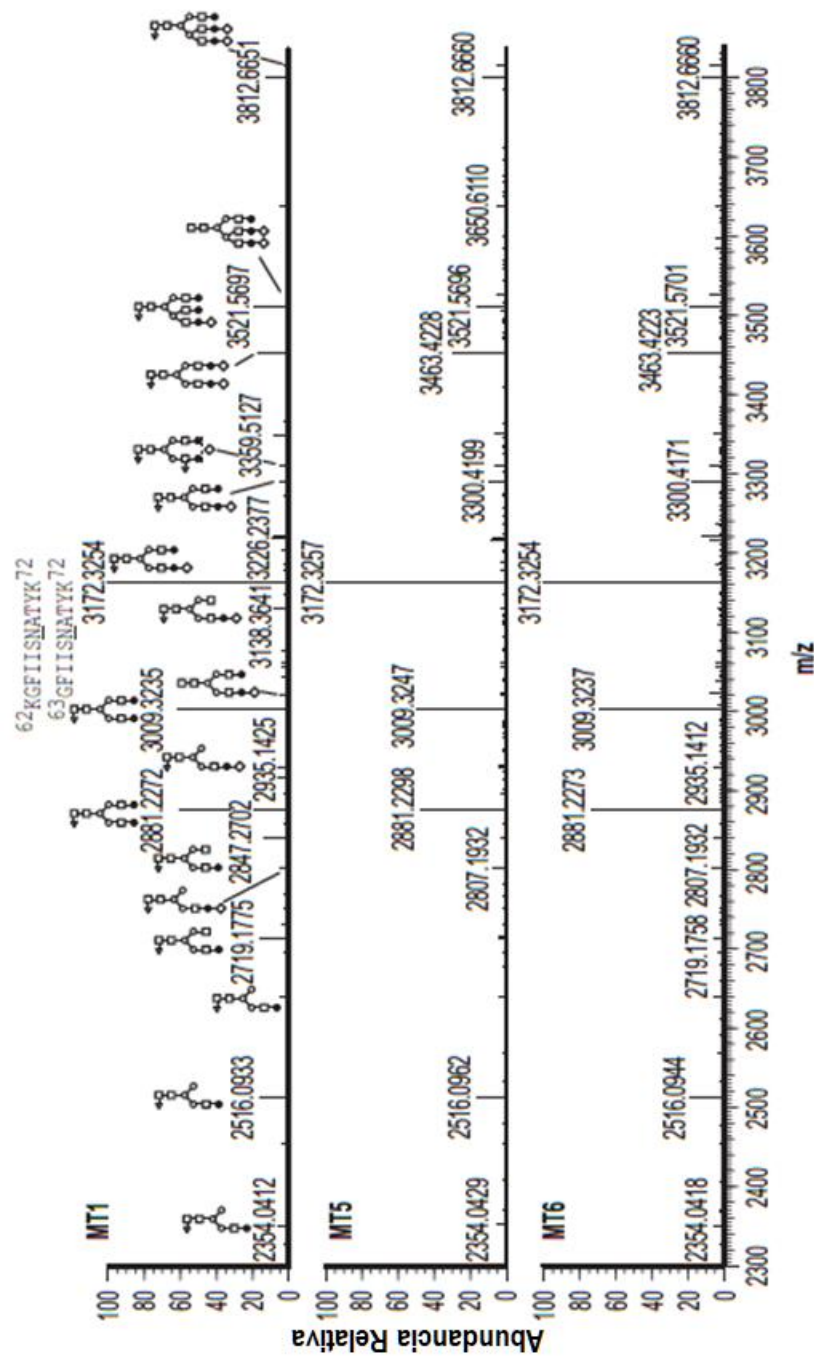


FIG. 52

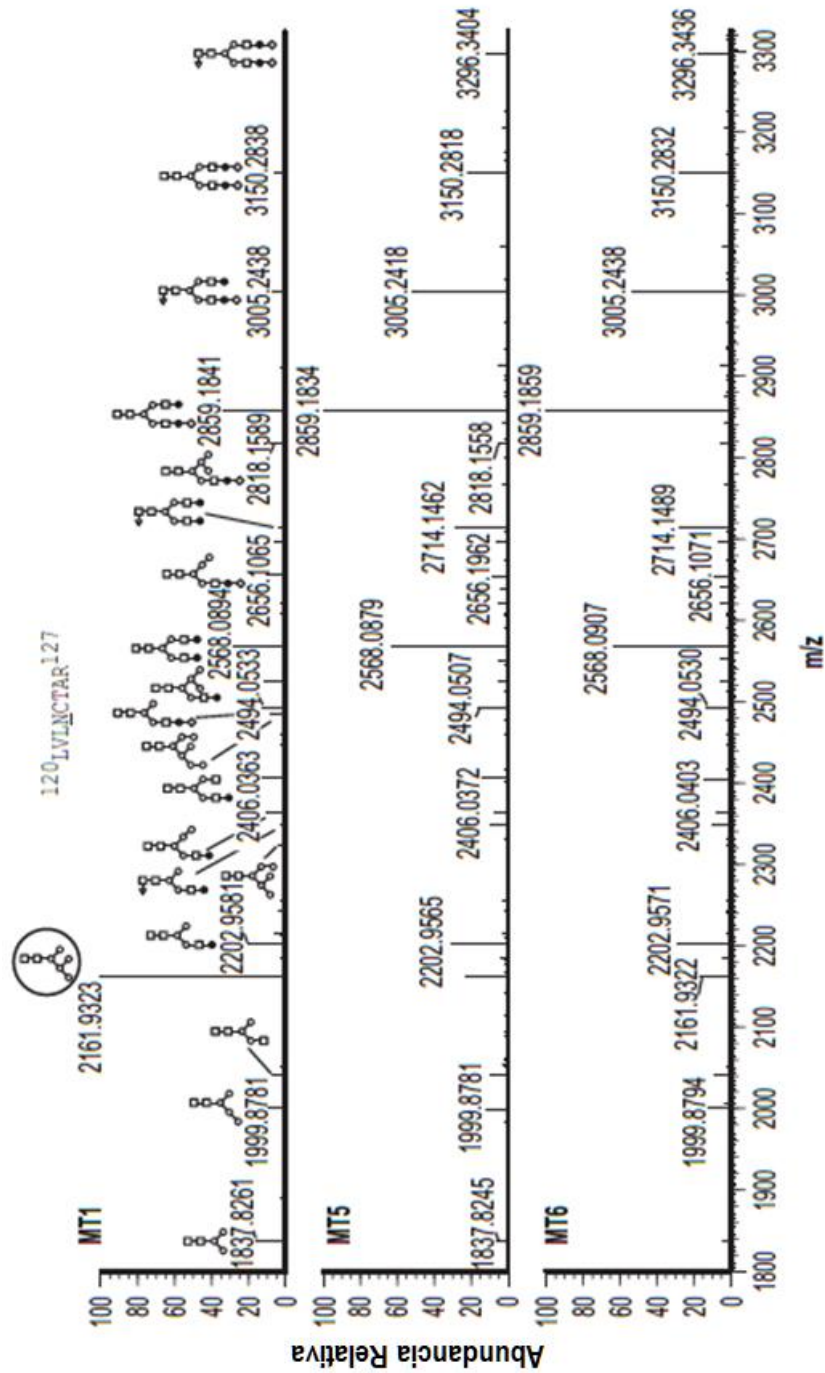


FIG. 53

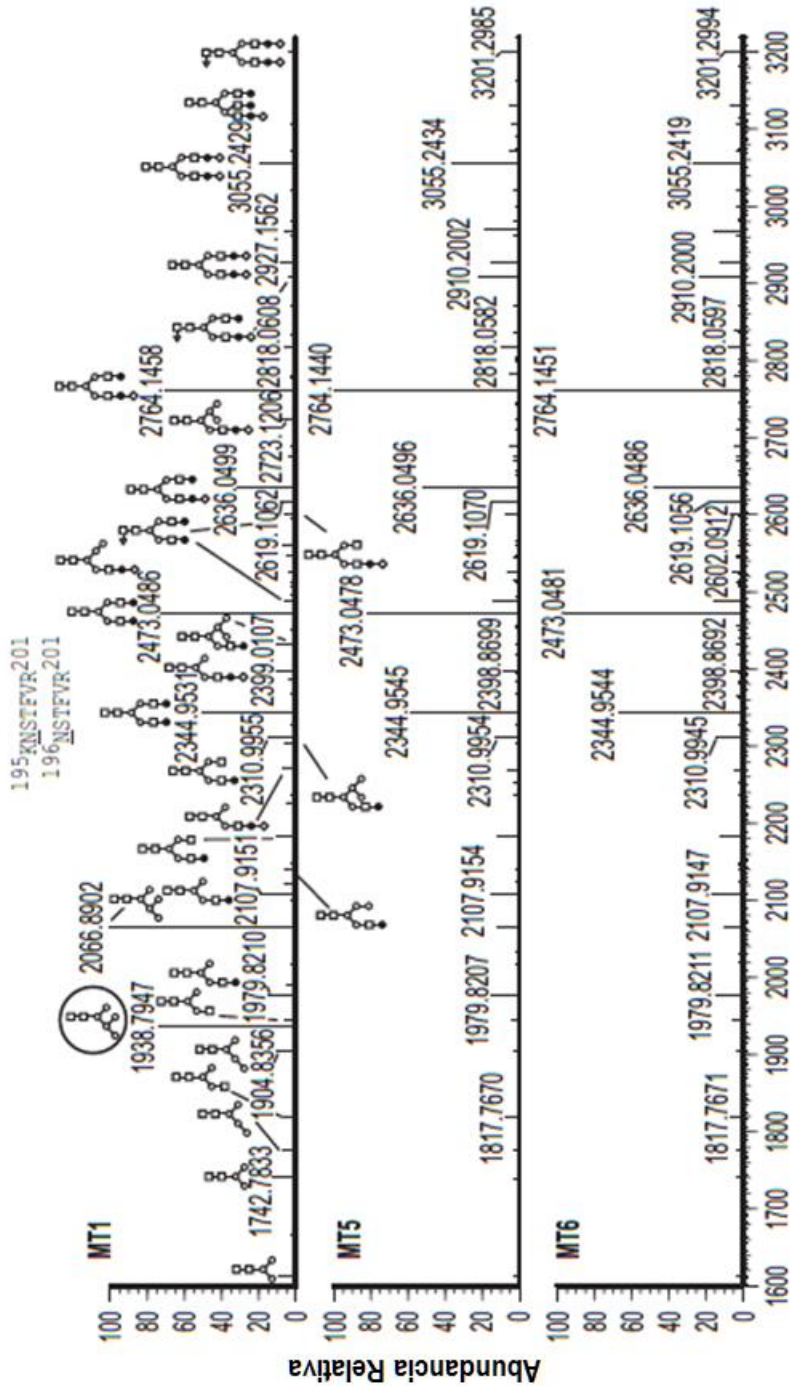
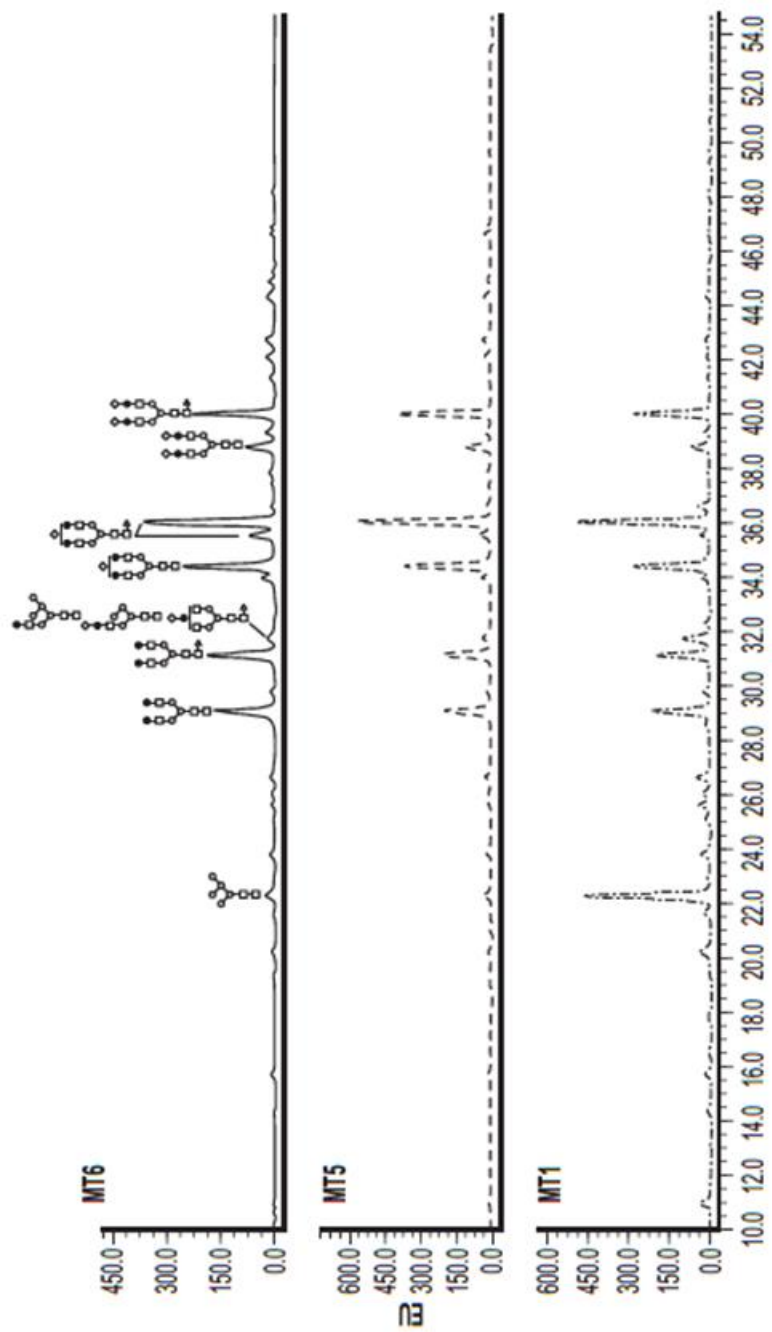


FIG. 54



Minutos

FIG. 55

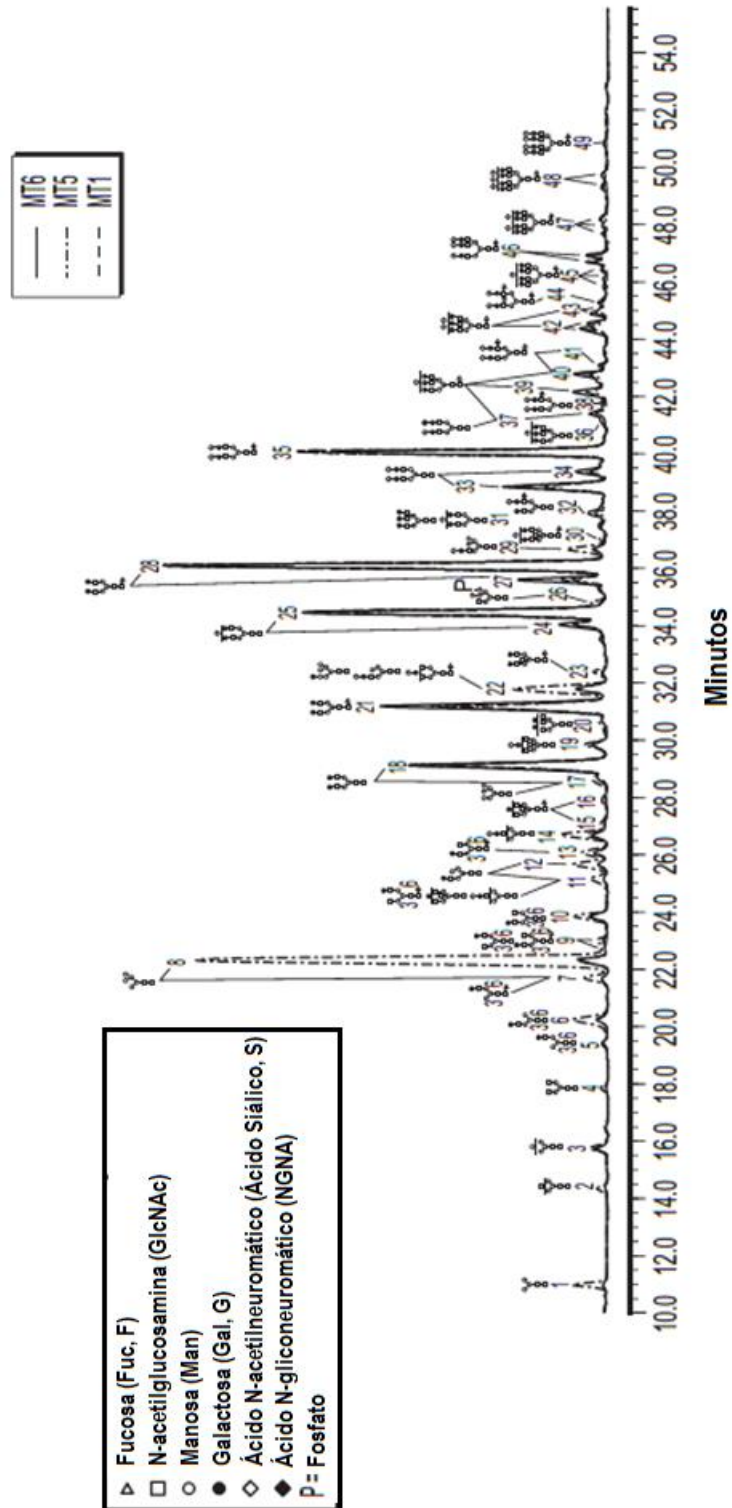


FIG. 56

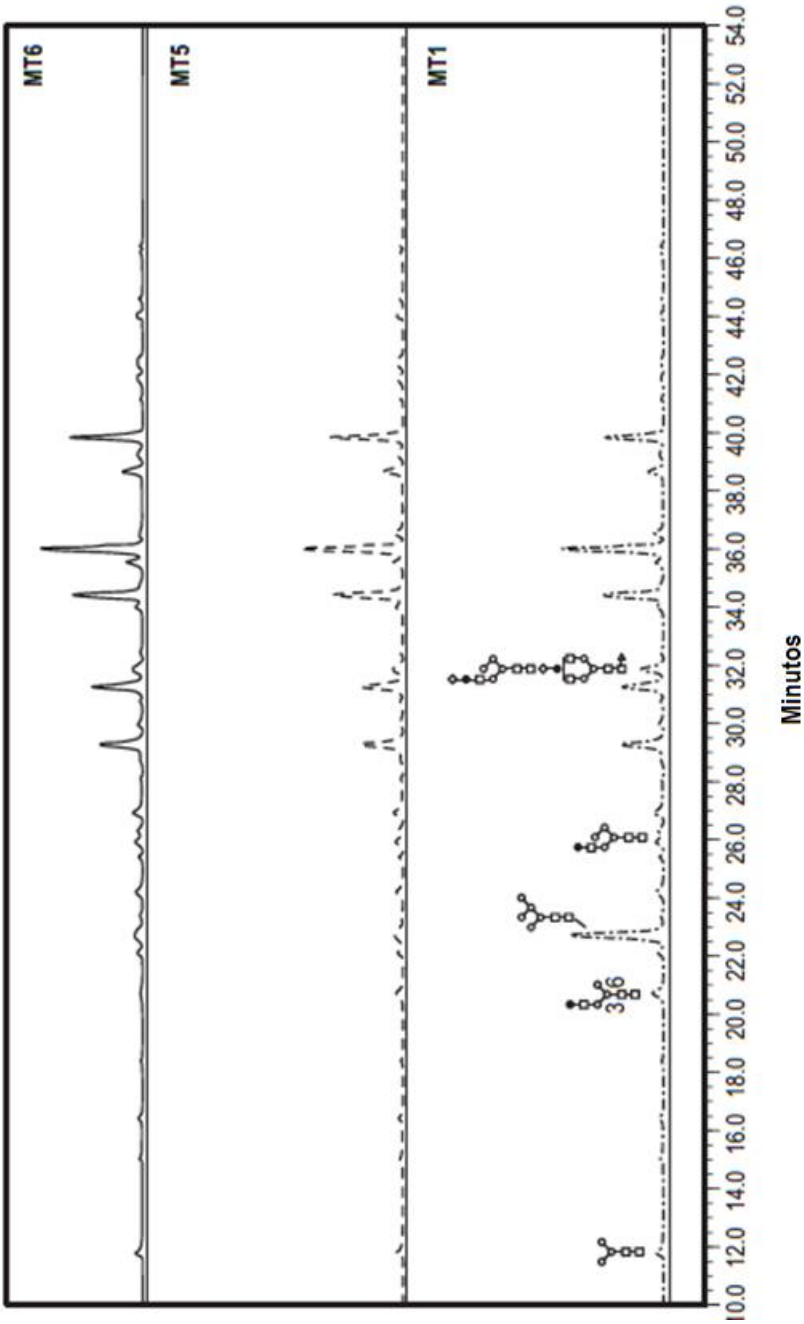


FIG. 57

No. de Pico	Abreviatura	Estructura de Glicano	% de Área de Pico			Masa Teórica (Da)
			MT6	MT5	MT1	
1	G0-2GlcNAc		0.11	0.19	0.96	1221.50
2	G0-GlcNAc		0.09	0.11	0.34	1424.58
3	Man4		0.51	0.56	0.62	1383.56
4	G0		0.07	0.05	0.26	1627.66
5	G1-GlcNAc (1-6)		0.26	0.31	0.14	1586.63
6	G1-GlcNAc (1-3)		0.55	0.61	1.76	1586.63
7	G1F-GlcNAc (1-6)		0.34	0.37	0.92	1732.69
8	Man5		1.32	1.63	16.11	1545.61
9	G1F-GlcNAc (1-3)		0.35	0.26	0.45	1732.69
	G1 (1-6)					1789.71
10	G1 (1-3)		0.89	0.88	1.34	1789.71
11	bG1		0.26	0.22	0.78	1992.79
	G1S1-GlcNAc					1877.73
	G1F (1-6)					1935.77
12	Man4_G1		0.51	0.46	1.53	1748.69
13	G1F (1-3)		0.67	0.64	1.11	1935.77
14	G1S1-GlcNAc		0.73	1.20	1.86	1877.73
15	bG1F		0.00	0.00	0.32	2138.85

FIG. 58A

No. de Pico	Abreviaturas	Estructura de glicano	% de Área de Pico			Masa Teórica (Da)
			MT6	MT5	MT1	
16	bG1F		0.00	0.00	0.40	2138.85
17	Man6		0.51	0.41	0.85	1707.66
	G2					1951.77
18			9.95	8.85	7.96	
19	G1S1-GlcNAc		0.84	0.89	1.04	2080.81
20	G2+GlcNAc		0.28	0.28	0.57	2154.85
21	G2F		11.24	9.13	7.47	2097.82
22	Man5_G1		1.61	1.82	4.13	1910.74
	Man4_G1S1					2039.78
	G1FS1					2226.87
23	bG2F		0.27	0.32	0.66	2300.90
24	G2S1+Fuc		2.63	2.13	1.75	2242.86
25			13.42	14.46	9.50	
26	Man6_G0+Phos		0.00	0.00	0.53	1787.63
27	G2FS1		4.00	2.43	1.67	2388.92
28			18.85	21.19	15.94	2388.92
29	Man5_G1S1		0.51	0.62	1.70	2201.84
30	bG2FS1		0.00	0.00	0.27	2592.00
31	G2+NGNA		0.44	0.35	0.35	2258.86
	G3					2316.90

FIG. 58B

No. de Pico	Abreviatura	Estructura de glicano	% de Área de Pico			Masa Teórica (Da)
			MT6	MT5	MT1	
32	G2S1+Fuc		0.85	0.59	0.38	2388.92
33	G2S2		4.56	4.36	2.57	2533.96
34			1.31	0.99	0.71	2533.96
35	G2FS2		10.76	13.67	8.33	2680.02
36	G3S1		0.20	0.14	0.11	2607.99
37	G2S1+NGNA		0.87	0.59	0.35	2549.95
	G3FS1					2754.05
38	G2S2+Fuc		0.23	0.13	0.07	2680.02
39	G3FS1		1.61	1.22	0.67	2754.05
40			1.77	1.77	0.95	2754.05
41	G2FS2+Fuc		0.24	0.24	0.15	2826.07
42	G3FS2		1.85	1.59	0.77	3045.15
43			0.78	0.77	0.32	
44	G2FS2+2Fuc		0.34	0.31	0.14	2972.13
45	G4FS1		0.57	0.29	0.12	3119.18
46	G3FS3		1.14	1.43	0.58	3336.24
47	G4FS2		0.89	0.72	0.24	3410.28
48	G4FS3		0.63	0.60	0.18	3701.38
49	G4FS4		0.22	0.23	0.07	3992.47

FIG. 58C

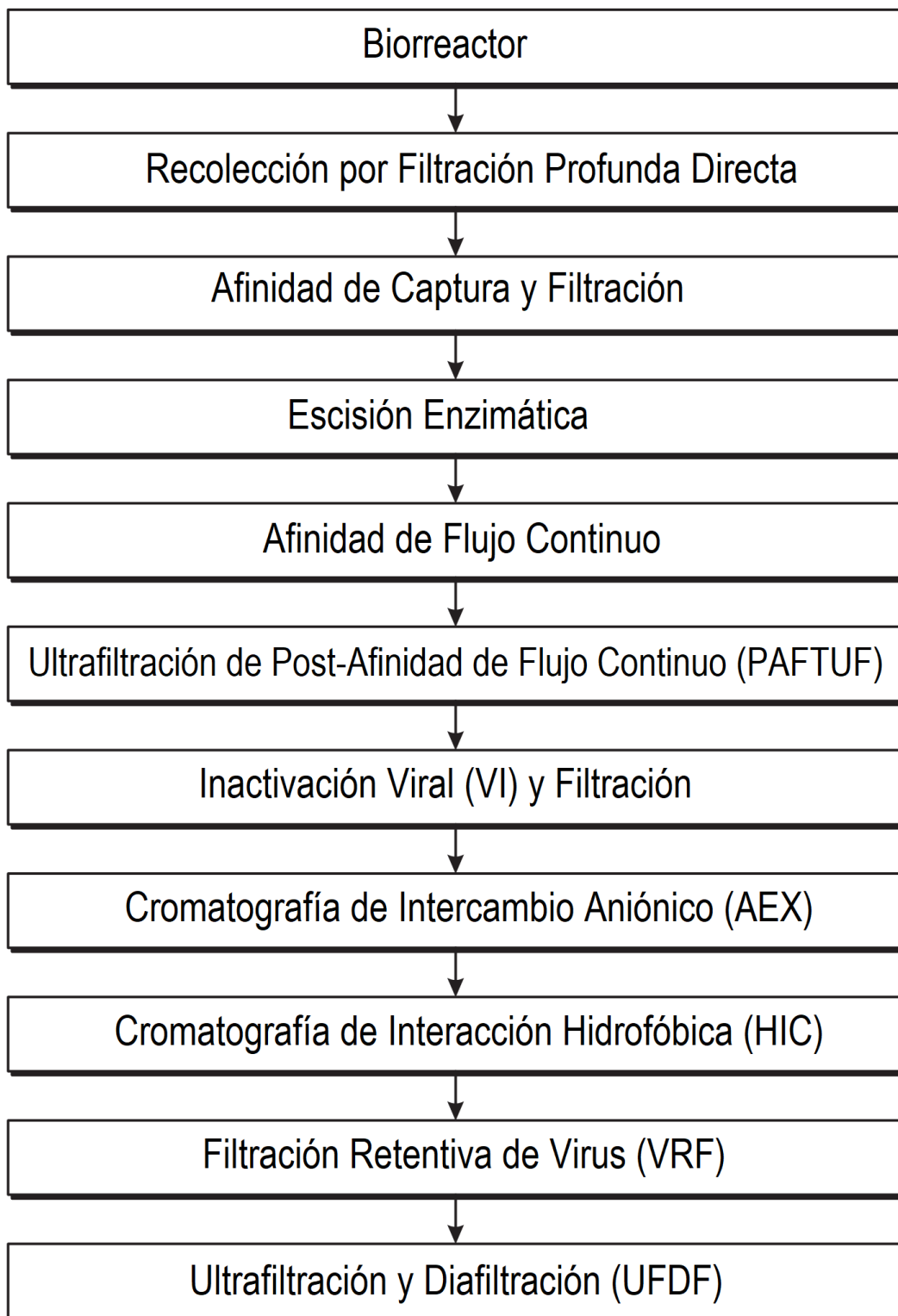


FIG. 59