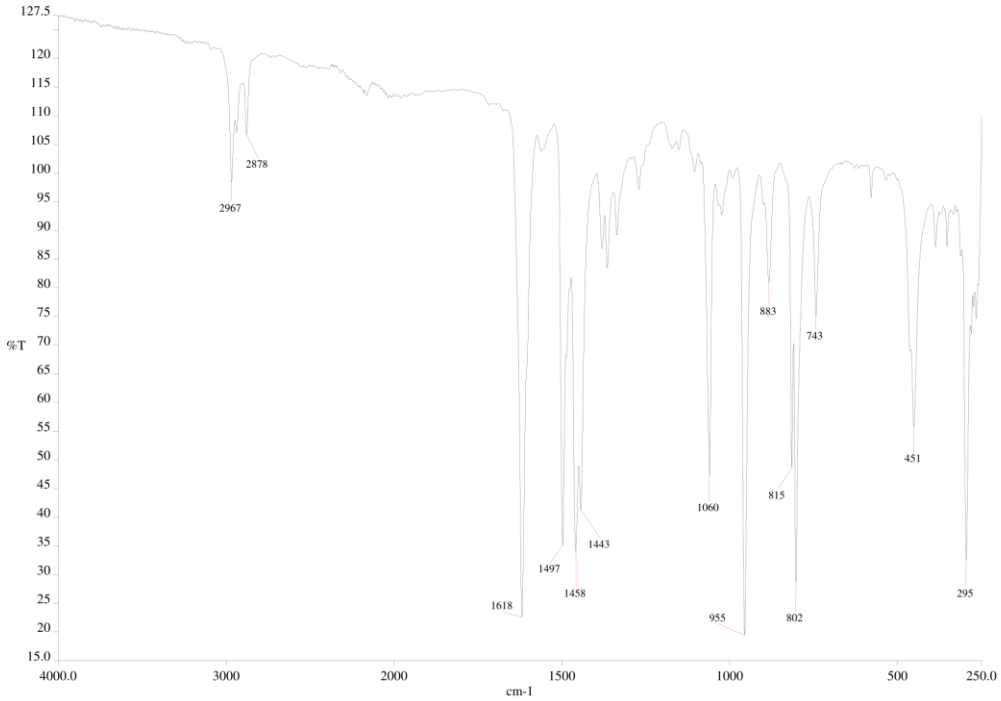
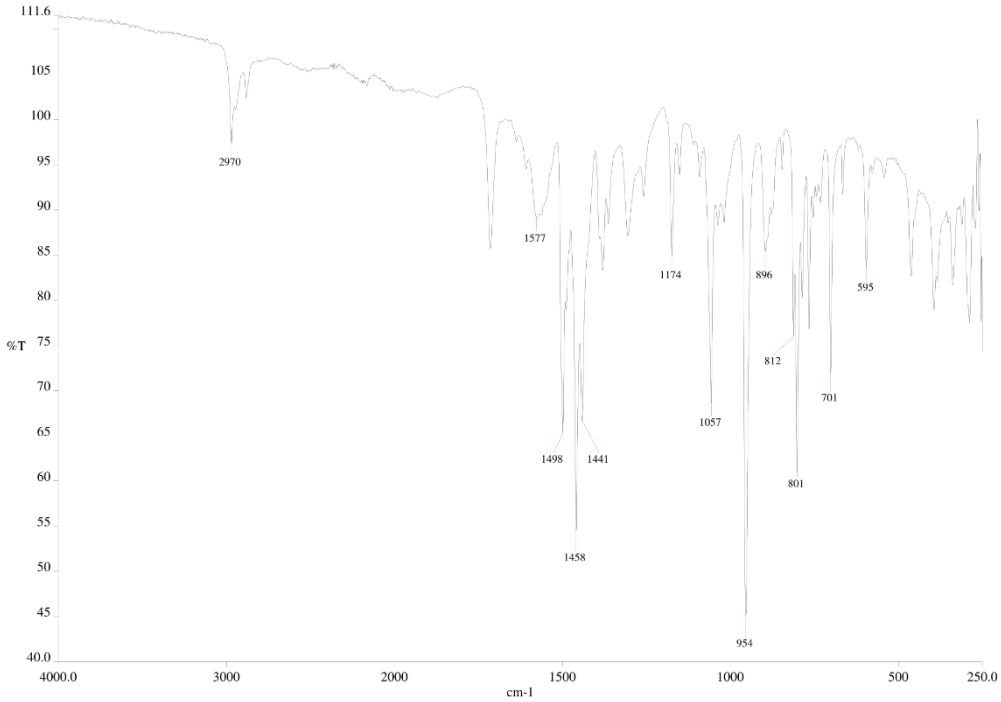
ANEXOS

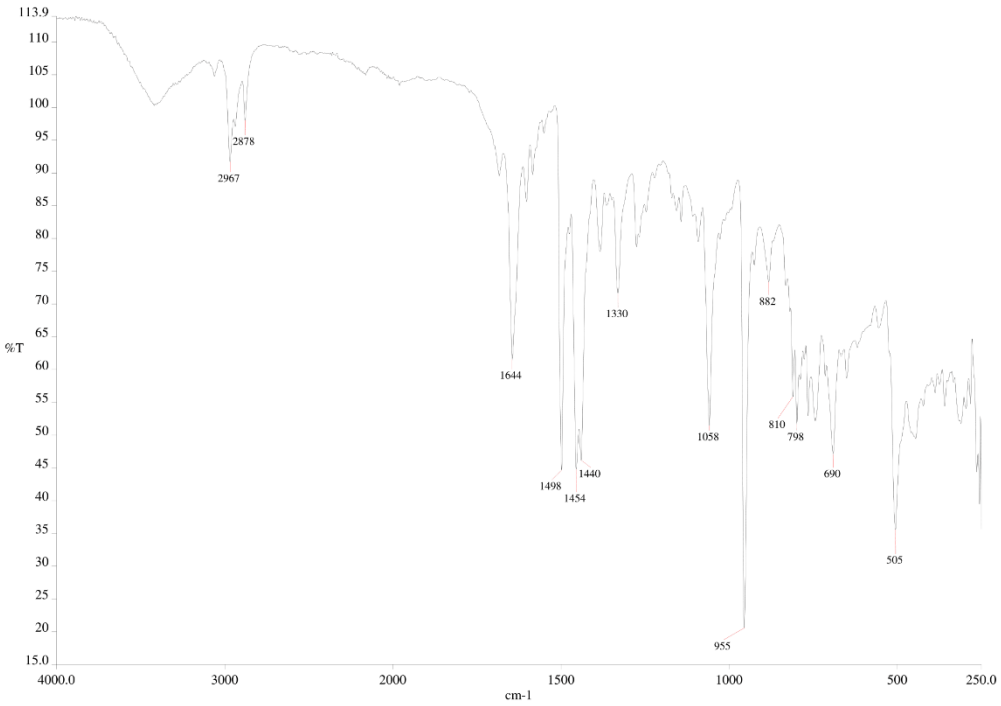
Espectros de IR



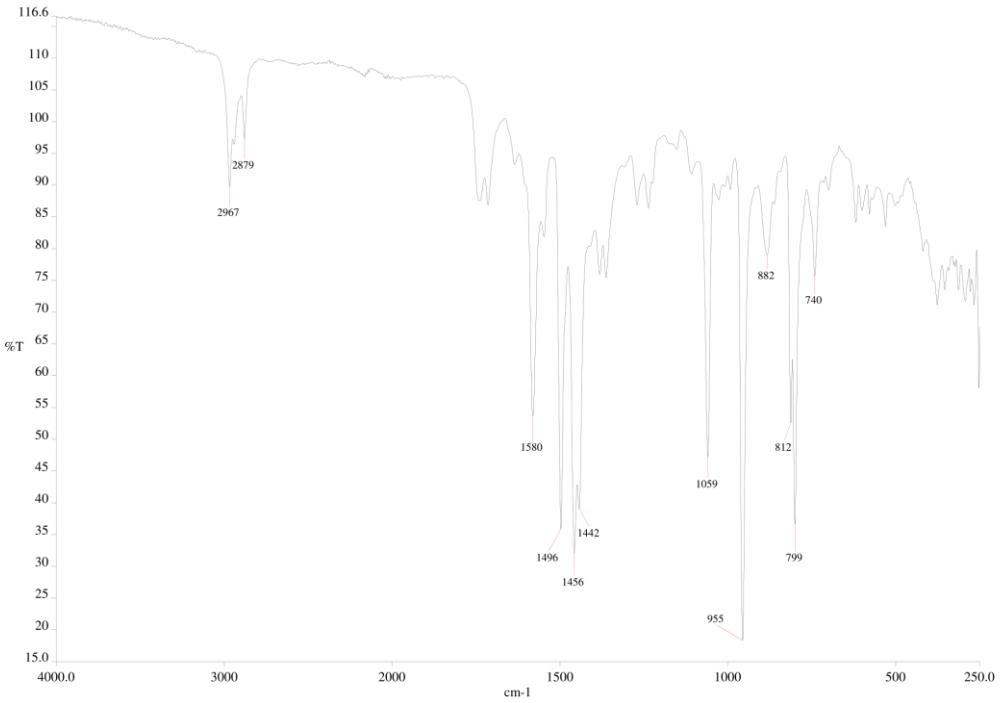
Complejo $(NBu_4)_2[\{Pt(C_6F_5)_2\}_2(\mu\text{-}C_2O_4)]$ (1)



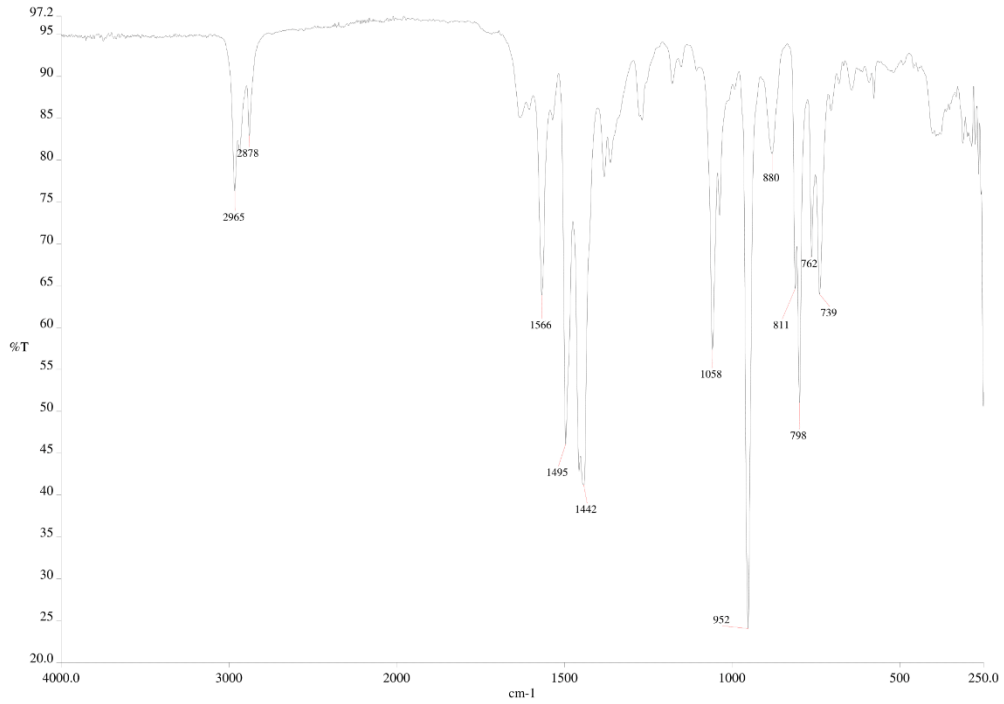
Complejo $[NBu_4]_3[(C_6F_5)_2Pt(dipic)(Hdipic)Pt(C_6F_5)_2]$ (2)



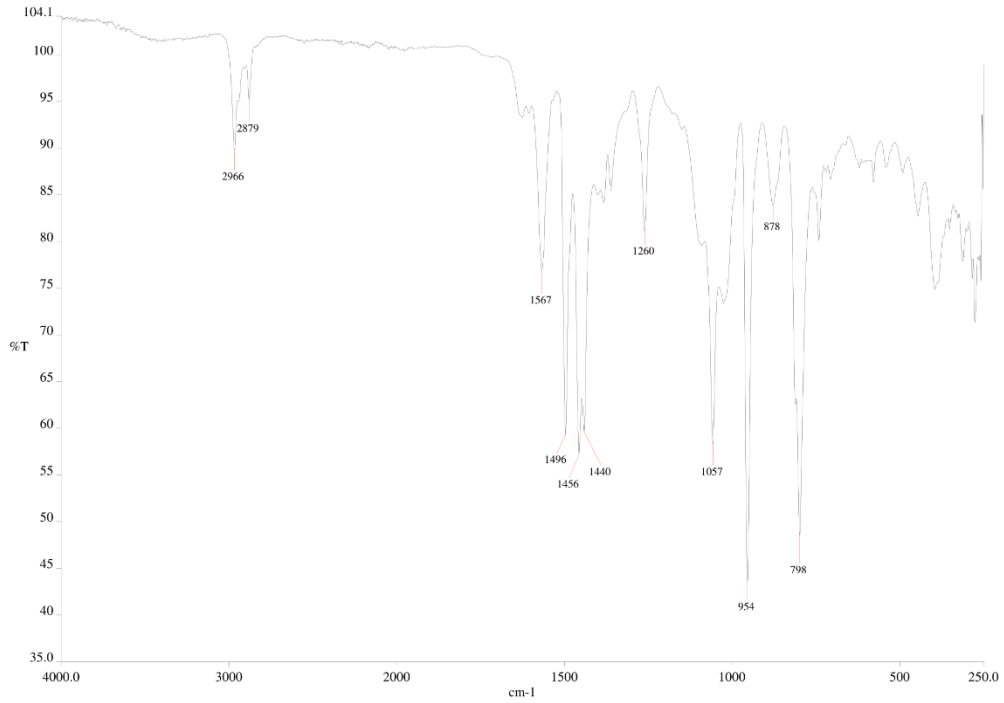
Complejo 3



Complejo 4



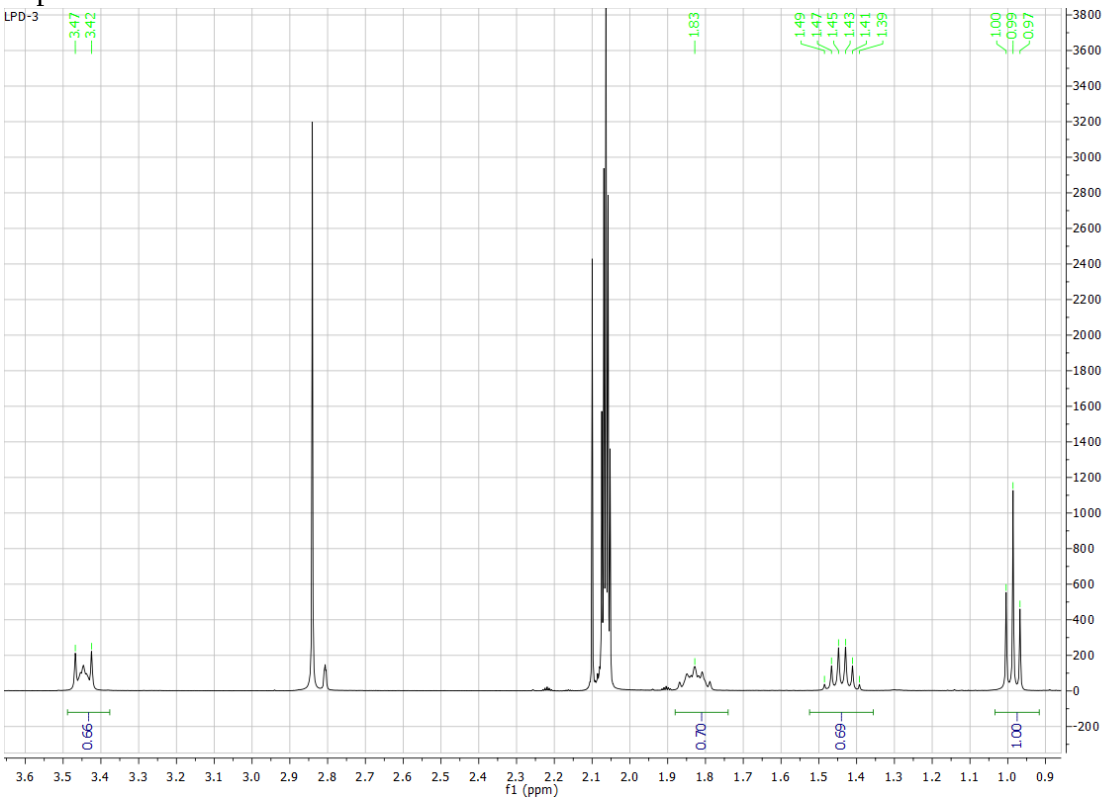
Complejo 5



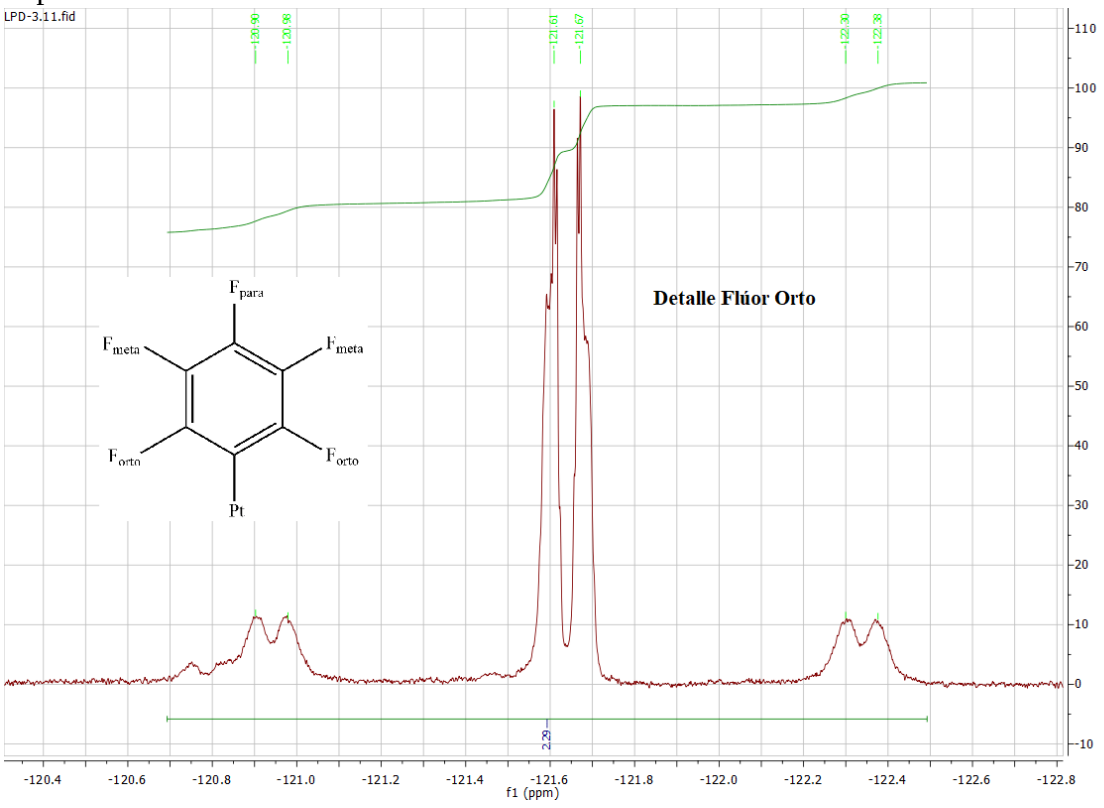
Complejo 6

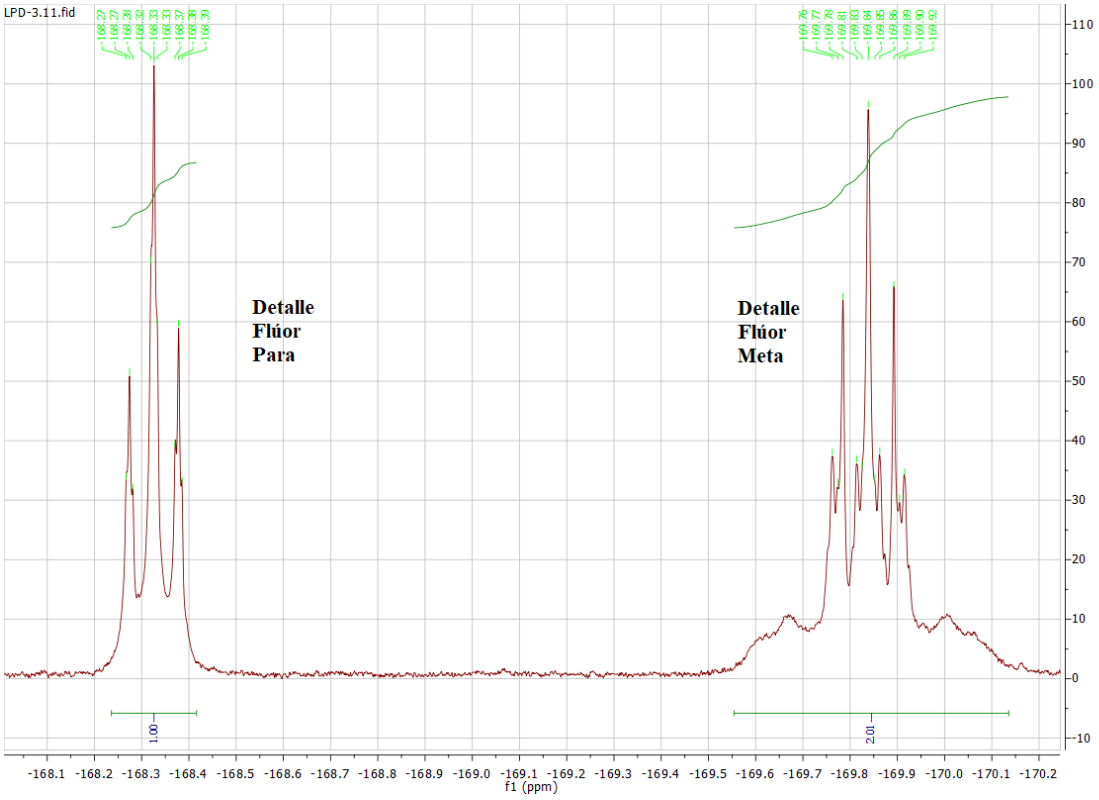
Espectros del complejo $(NBu_4)_2[\{Pt(C_6F_5)_2\}_2(\mu\text{-}C_2O_4)]$ (1)

Espectro de ^{1}H-RMN



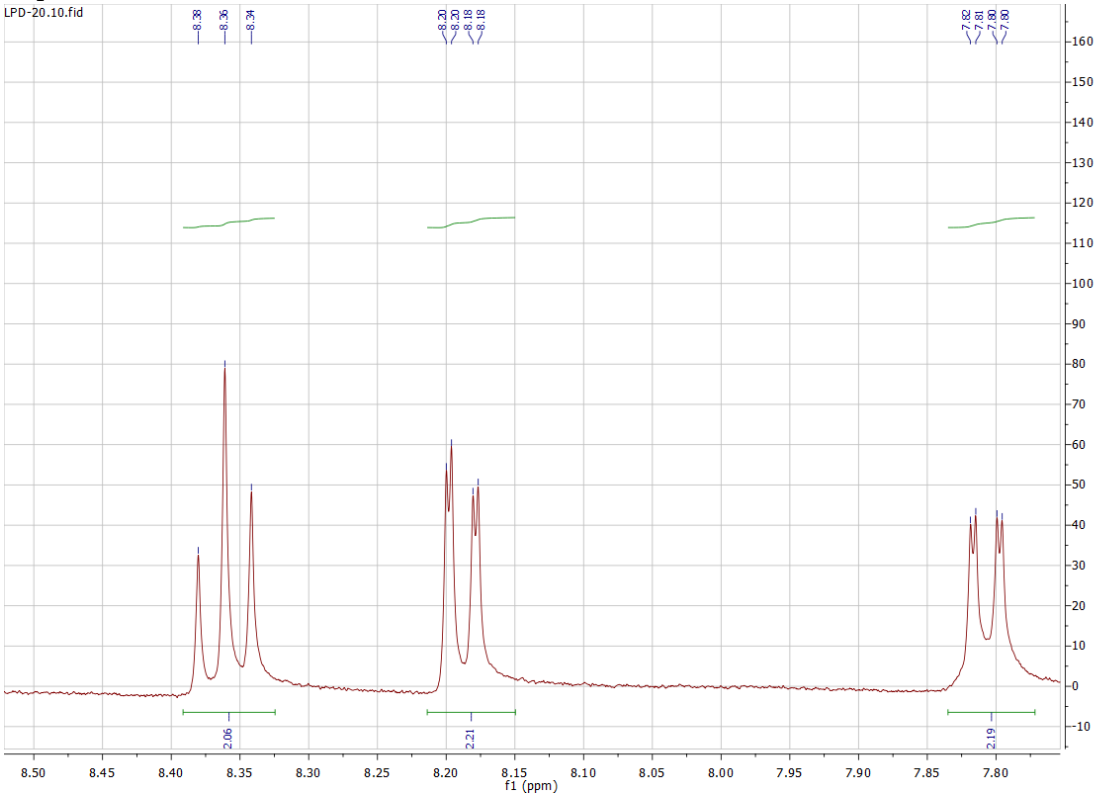
Espectro de ^{19}F-RMN

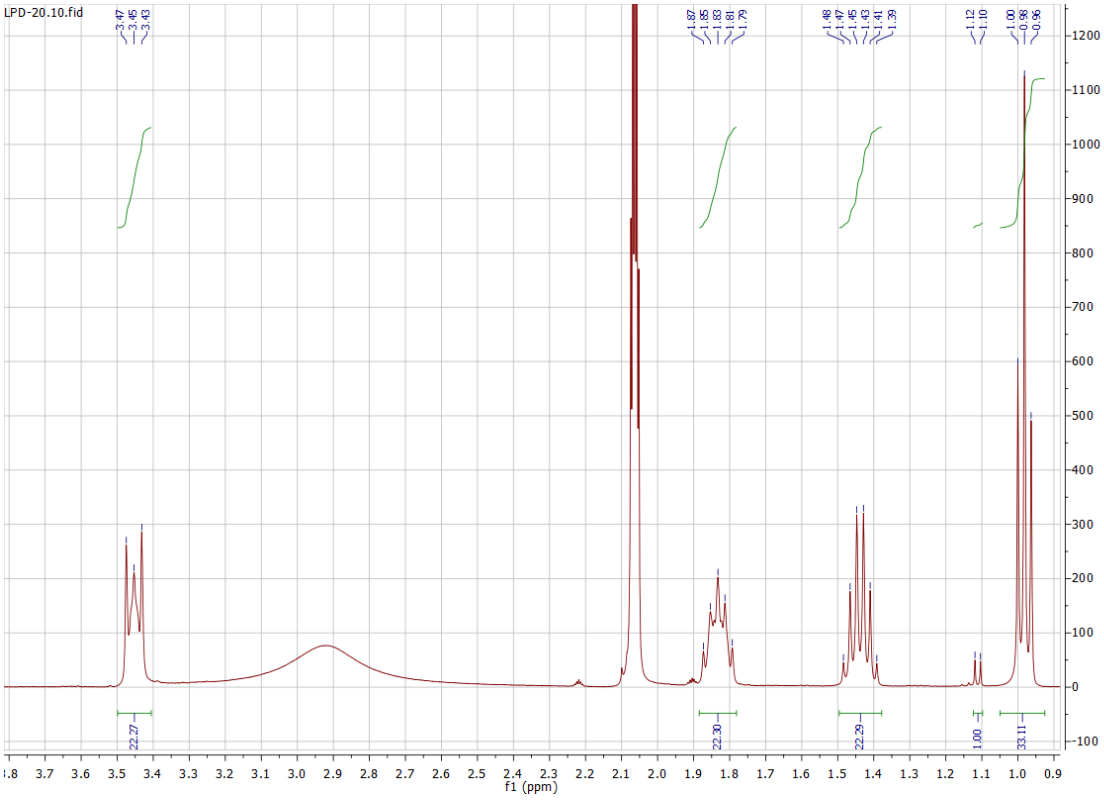




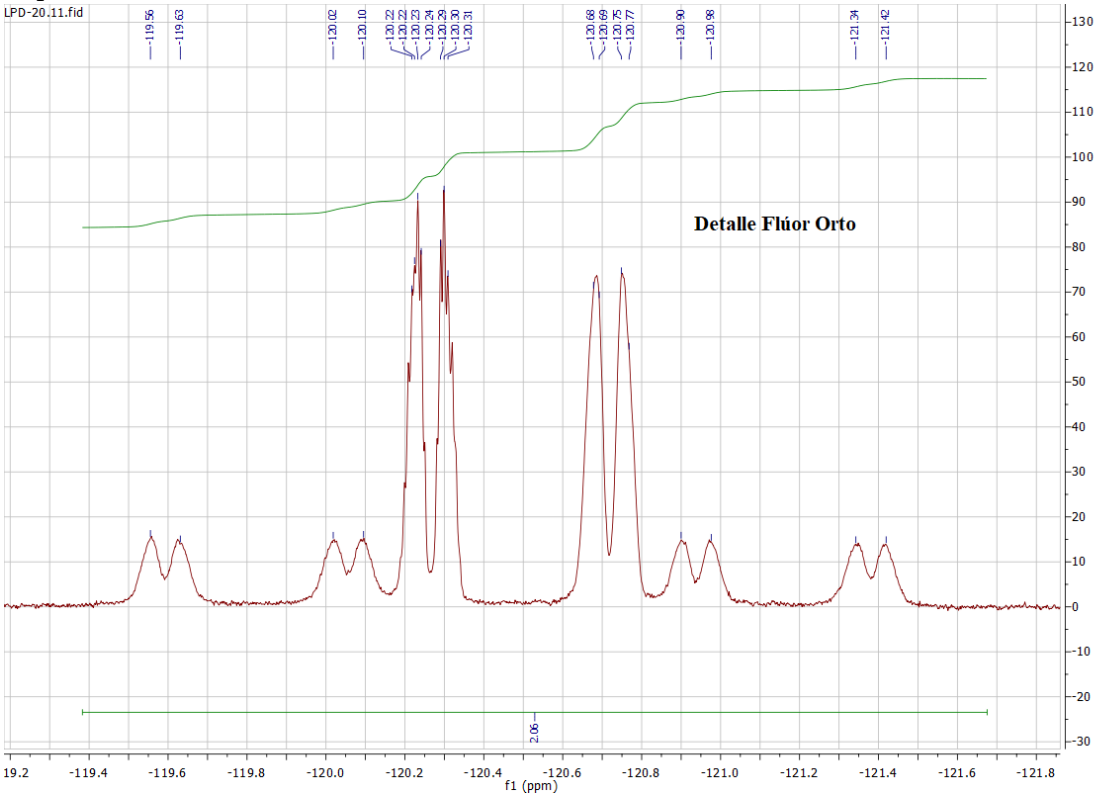
Espectros del complejo $[NBu_4]_3[(C_6F_5)_2Pt(dipic)(Hdipic)Pt(C_6F_5)_2]$ (2)

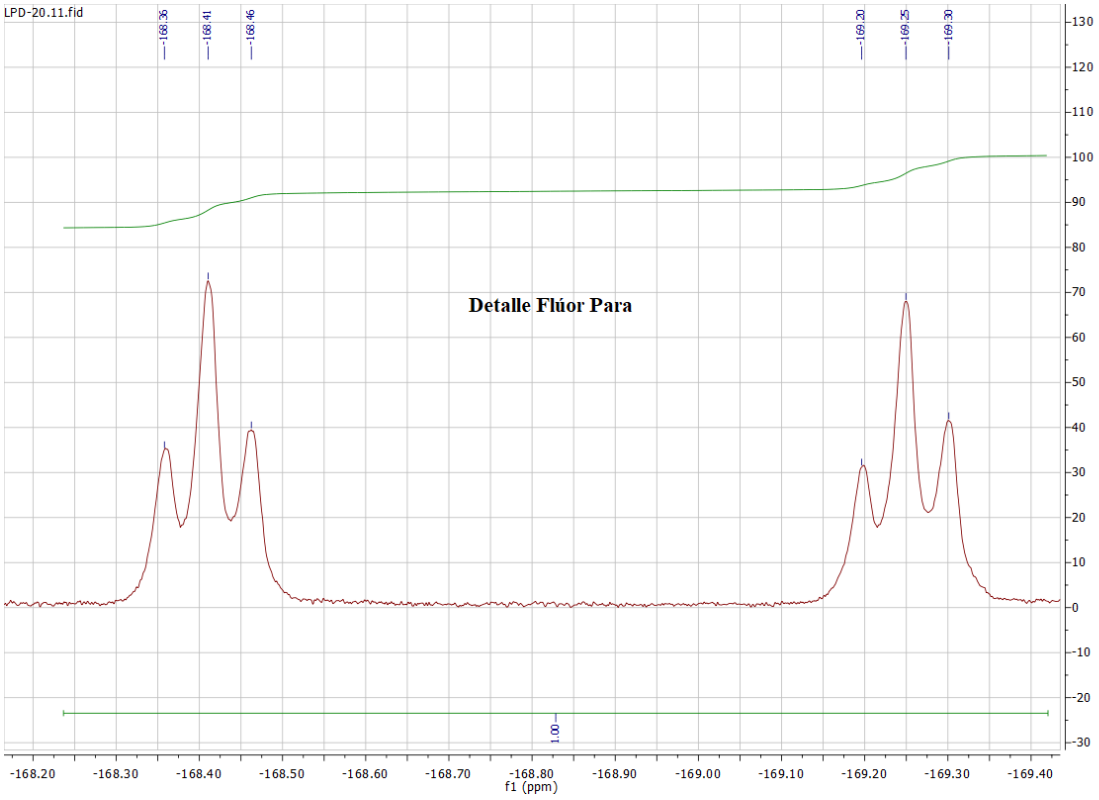
Espectro de ^{1}H-RMN

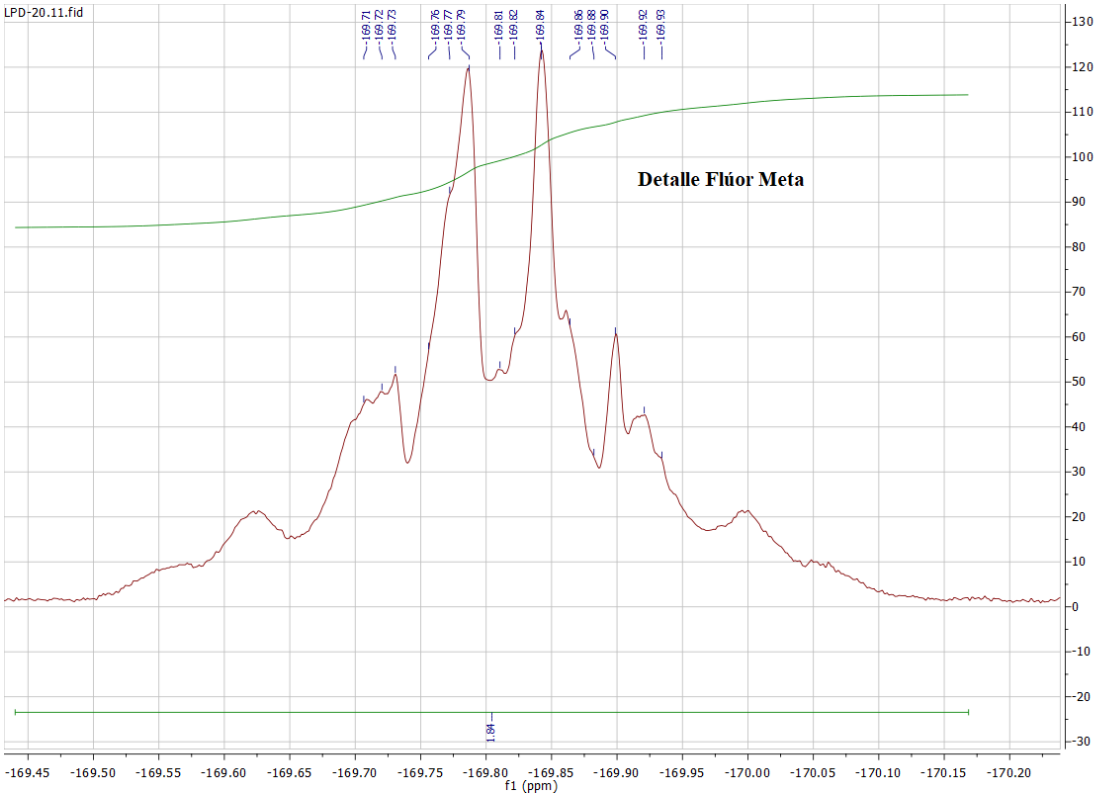




Espectro de ^{19}F-RMN

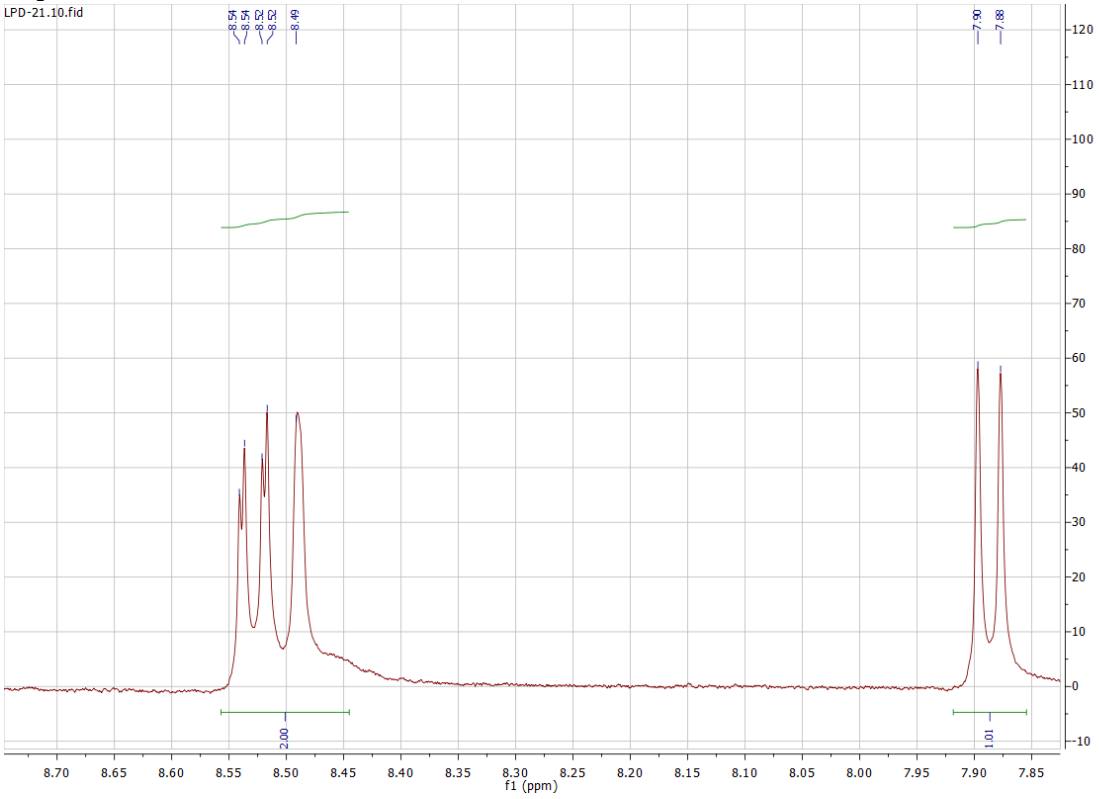


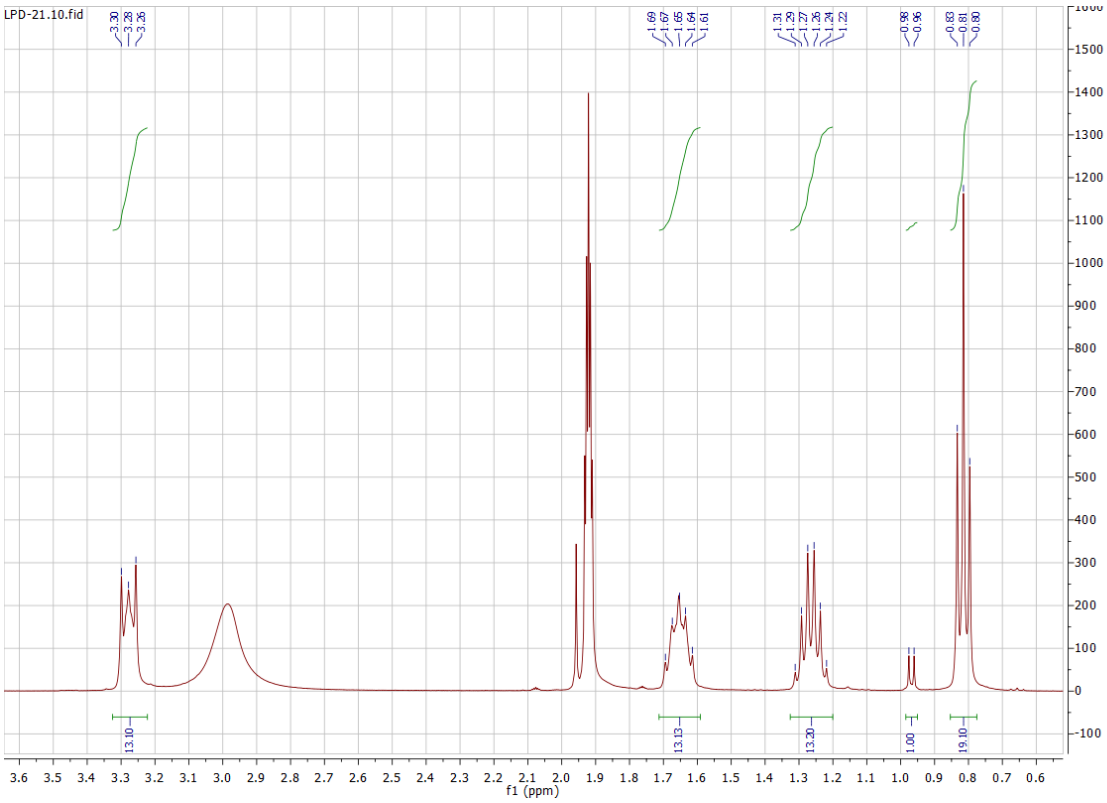

LPD-20.11.fid
-168.36
-168.41
-168.46
-169.20
-169.25
-169.30
Detalle Flúor Para
1.00
f1 (ppm)


LPD-20.11.fid
-169.71
-169.72
-169.73
-169.76
-169.77
-169.79
-169.81
-169.82
-169.84
-169.86
-169.88
-169.90
-169.92
-169.93
Detalle Flúor Meta
1.84
f1 (ppm)

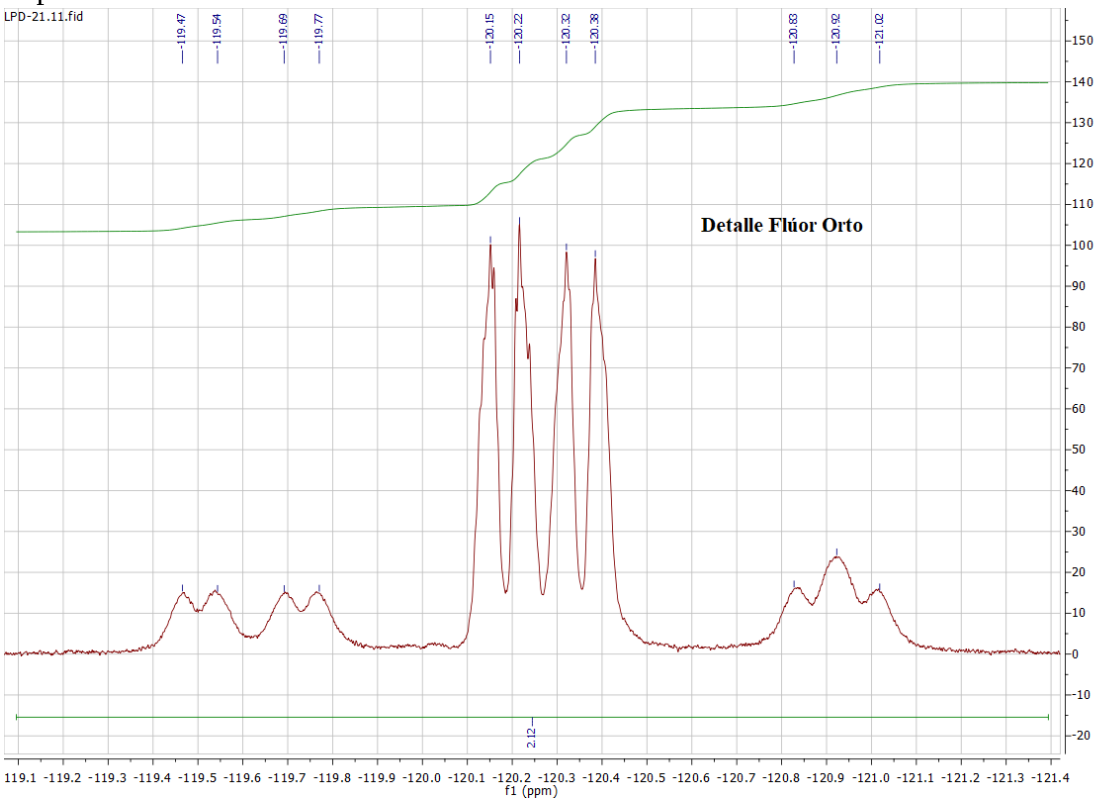
Espectros del complejo 3

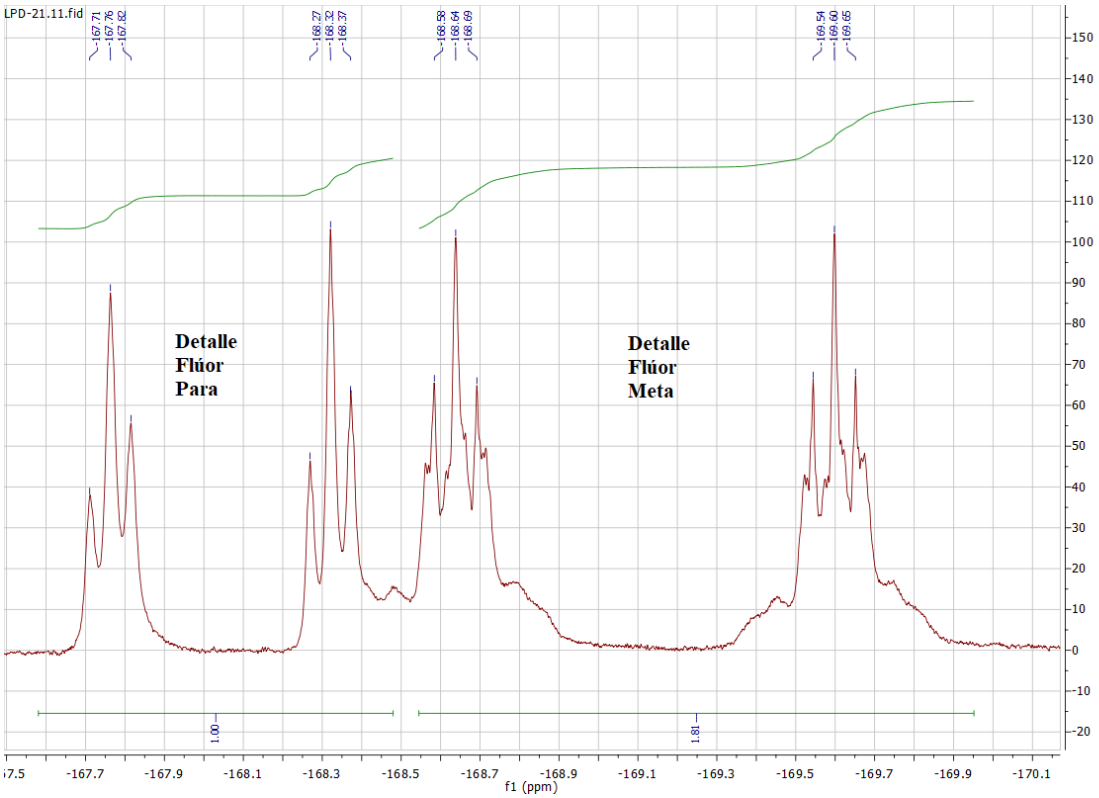
Espectro de ^{1}H-RMN





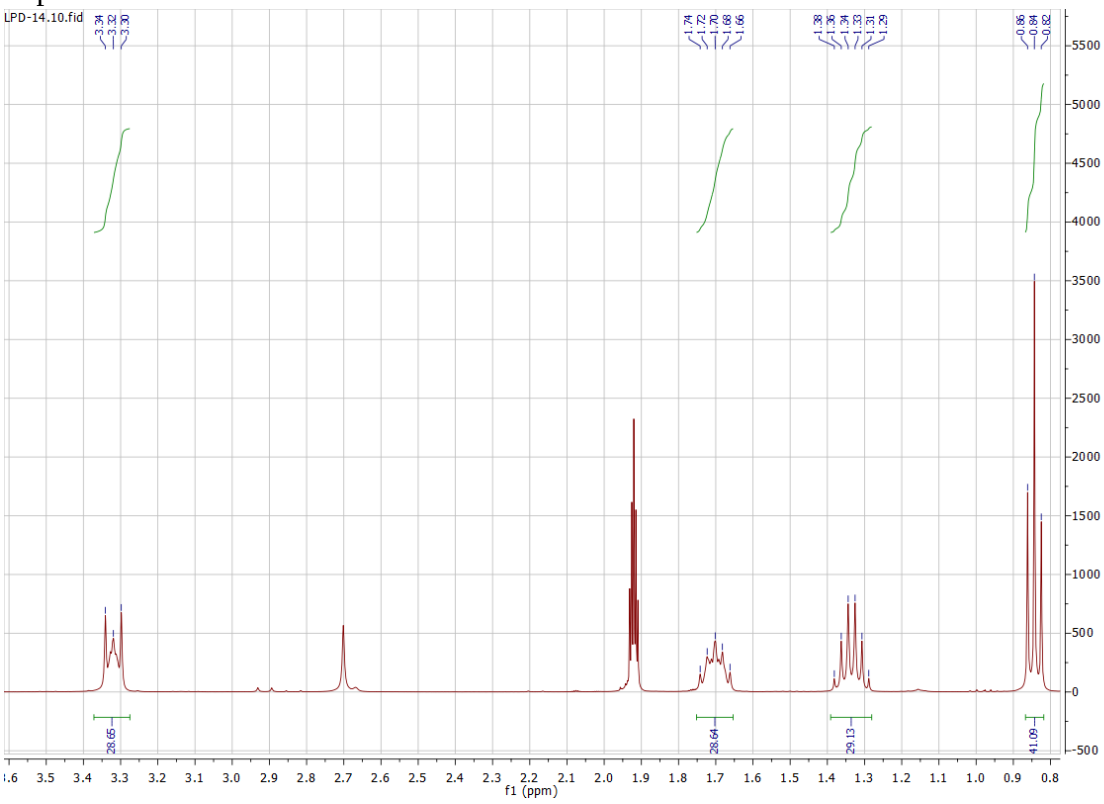
Espectro de ^{19}F-RMN

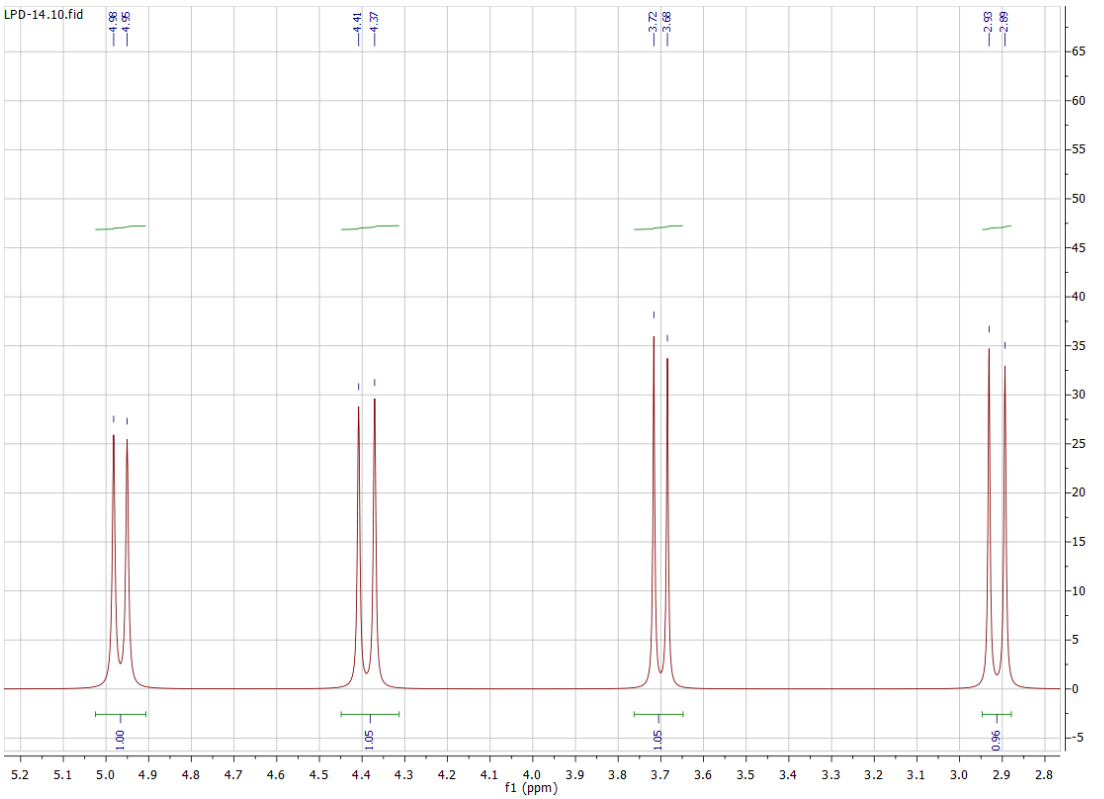




Espectros del complejo 4

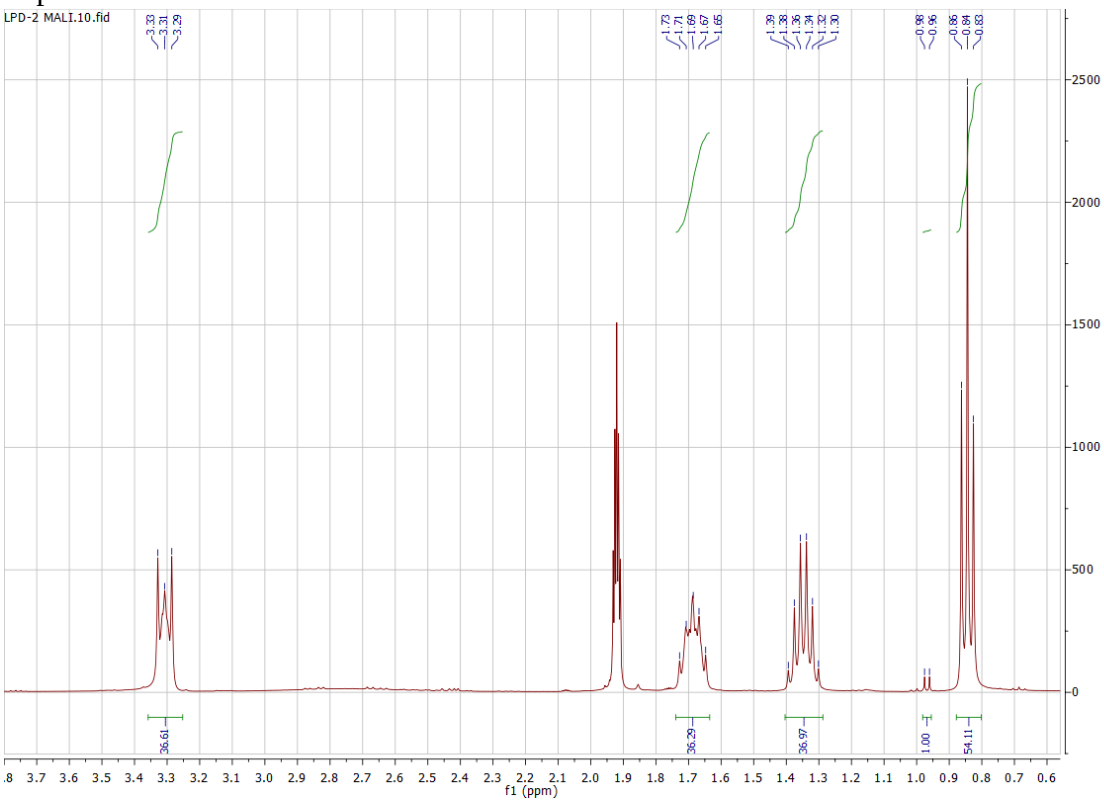
Espectro de ^{1}H-RMN



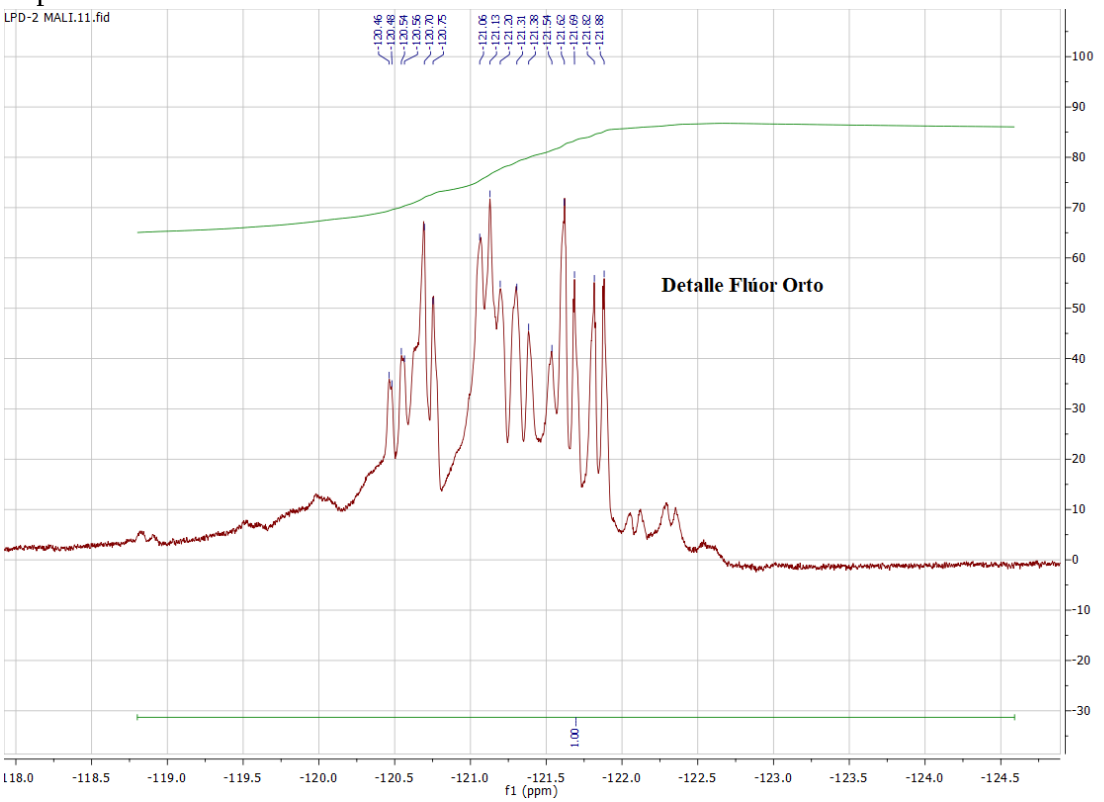


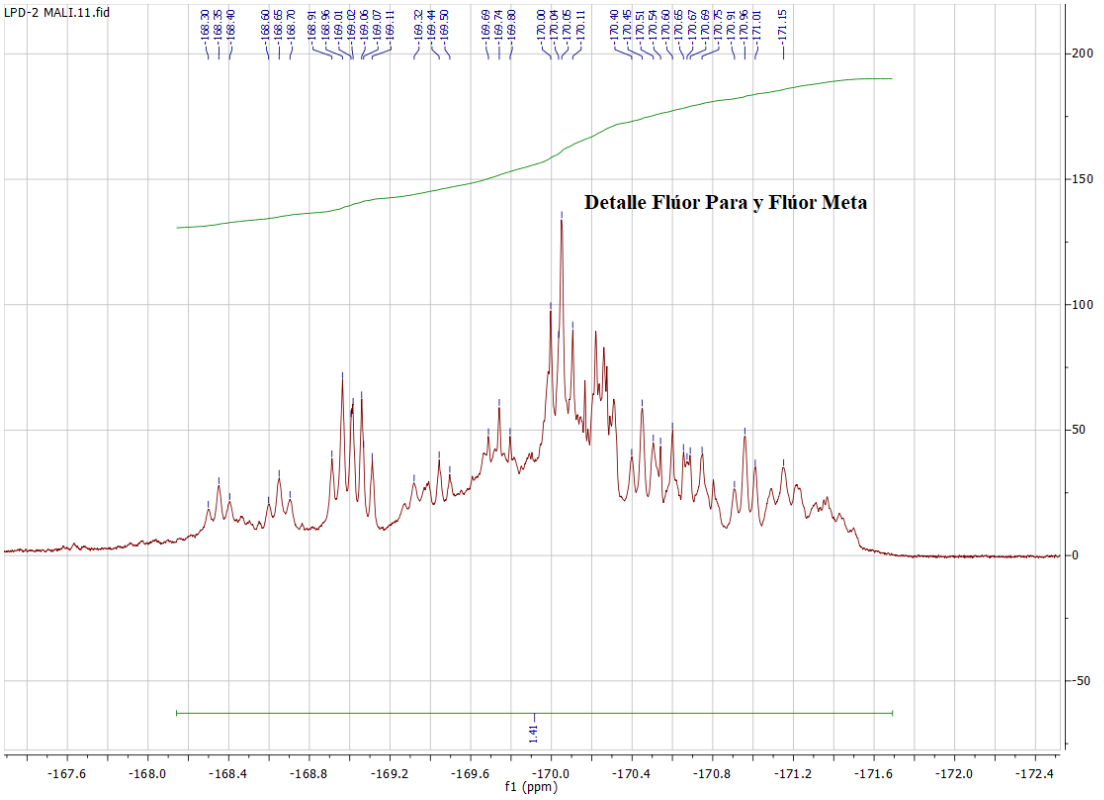
Espectros del complejo 5

Espectro de ^{1}H-RMN



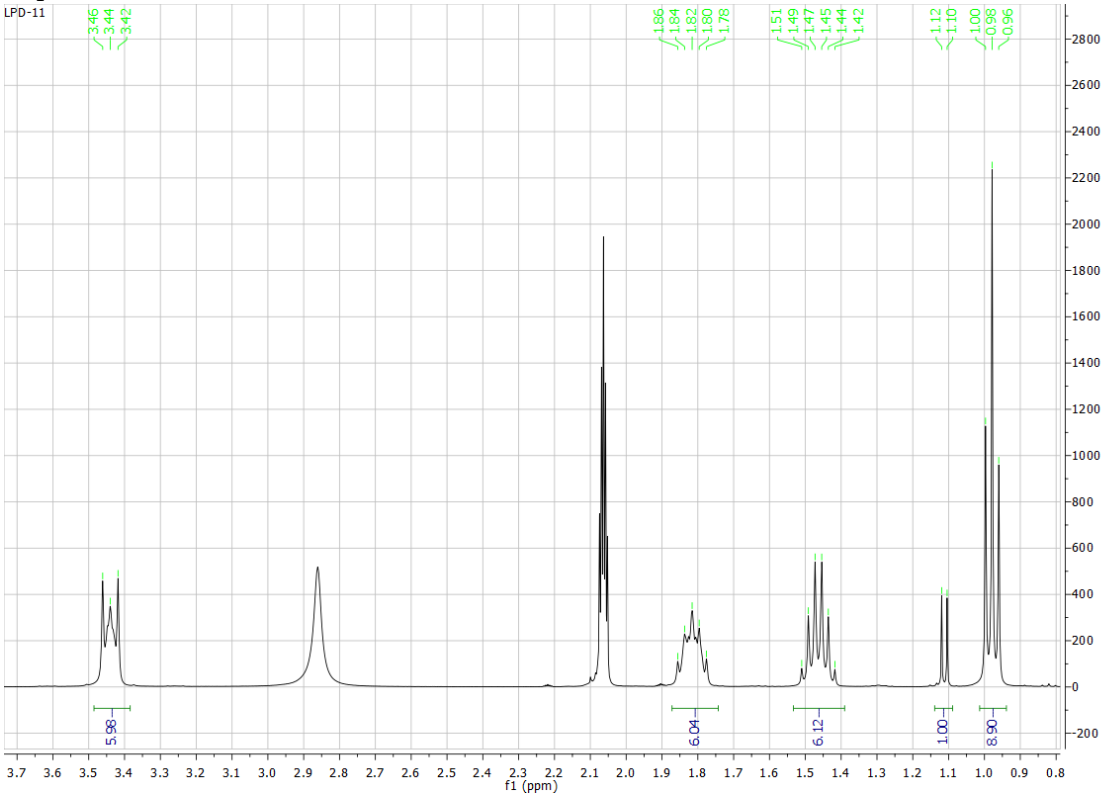
Espectro de ^{19}F-RMN





Espectros del complejo 6

Espectro de ^{1}H-RMN



Tablas cristalográficas

Datos cristalográficos y de refino para el complejo $(NBu_4)_2[\{Pt(C_6F_5)_2\}_2(\mu\text{-}C_2O_4)]$		
Empirical formula	$C_{58}H_{72}F_{20}N_2O_4Pt_2$	
Formula weight	1631,33	
Temperature	100(2) K	
Wavelength	0,71073 Å	
Crystal system, space group	triclinic, P−1	
Unit cell dimensions	a = 10,7803(13) Å	α = 102,034(2)º
	b = 17,024(2) Å	β = 104,1050(10)º
	c = 20,386(3) Å	γ = 96,5230(10)º
Volume	3495,1(7) $Å^3$	
Z, Calculated density	6, 1,550 g/cm^3	
Absorption coefficient	4,092 mm^{-1}	
F(000)	1604	
Crystal size	0,13 × 0,09 × 0,06 mm	
θ range for data collection	1,06 to 28,49º	
Limiting indices	$-13 \le h \le 13$, $-22 \le k \le 22$, $-26 \le l \le 26$	
Reflections collected / unique	40674 / 16149 [R(int) = 0,0812]	
Completeness to θ = 28,49	91,1 %	
Refinement method	Full-matrix least-squares on F^2	
Data / restraints / parameters	16149 / 84 / 485	
Goodness-of-fit on F^2	0,986	
Final R indices [I>2σ(I)]	R1 = 0,0671, wR2 = 0,1555	
R indices (all data)	R1 = 0,1612, wR2 = 0,1993	
Largest diff. peak and hole	2,102 and −2,713 $e \cdot Å^{-3}$	

Datos cristalográficos y de refino para el complejo $[NBu_4]_3[(C_6F_5)_2Pt(dipic)(Hdipic)Pt(C_6F_5)_2]$		
Empirical formula	$C_{86}H_{115}F_{20}N_5O_8Pt_2$	
Formula weight	2116,99	
Temperature	100(2) K	
Wavelength	0,71073 Å	
Crystal system, space group	orthorhombic, Pbcn	
Unit cell dimensions	a = 10,6426(8) Å	α = 90º
	b = 27,867(2) Å	β = 90º
	c = 31,764(3) Å	γ = 90º
Volume	9420,7(13) $Å^3$	
Z, Calculated density	12, 1,492 g/cm^3	
Absorption coefficient	3,059 mm^{-1}	
F(000)	4260	
Crystal size	0,20 × 0,15 × 0,08 mm	
θ range for data collection	1,94 to 28,33º	
Limiting indices	$-13 \leq h \leq 13$, $-37 \leq k \leq 37$, $-40 \leq l \leq 42$	
Reflections collected / unique	83940 / 11491 [R(int) = 0,0624]	
Completeness to θ = 28,33	97,8 %	
Refinement method	Full-matrix least-squares on F^2	
Data / restraints / parameters	11491 / 0 / 546	
Goodness-of-fit on F^2	1,224	
Final R indices [I>2σ(I)]	R1 = 0,0577, wR2 = 0,1088	
R indices (all data)	R1 = 0,0788, wR2 = 0,1162	
Largest diff. peak and hole	1,604 and −1,647 $e \cdot Å^{-3}$	