Supplementary information.

Table 1. IR spectra of starting and referring compounds and complexes **1**, **3** and **4**.

Component	$Mn^{II}TPP$	$(TDAE^{\bullet+})\cdot(C_{60}^{\bullet-})$ [1]	$C_6H_4Cl_2$	C_6H_5Cl	**1**	**3**	**4**
$Mn^{II}TPP$	425w					427w	
	657w					658m*	
	701s					700m	
	718m					718m	
	754m					751s*	
	794s					791m*	
	992s					991s	
	1000s					1000m	
	1008s					1008m	
	1072m					1070m	
	1113w					-	
	1177w					1174w	
	1199w					1197w	
	1332m					1327w	
	1437w					1437s	
	1473m					1477m*	
	1594w					1595s	
	2965w					-	
	3016w					3015w	
	3045w					3050w*	
$TDAE^+$		872w					876m
		1060m					1062m
		1143w					1146w
		1355m					1358m
		1396s					1386s*
		1517m					1521m
DP3FP					527s	517 m sp	514w sp
					-	523m sp	518m sp
					-	527m sp	525s sp
					544w	-	544w
					548w	-	552w
					573w sp	571w	570s sp
					580w sp	-	576m sp
					-	-	580s sp
					610w	-	607w
					660w	-	657w*
					691w sp	-	682s
					694w sp	-	-
					712m sp	712m	721w
					715m sp	-	-
					795w	791m*	-
					807w	-	812w
					860w	-	854w
					1024m	-	1023m*
					-	-	1054m
					1108w	-	1096w
					1121w	1122w*	1122w*
					1186m	1174w	1187m
					1427s	1432m	1386s
					-	-	1406w
					1477w*	1477m*	1477m
					2850w	2850w	-
					2921m	2920w	2926w
					3026w	-	3026w
					3051w	3050w*	3054w
C_6H_5Cl				467m	-		
				684m	-		
				739s	735w		
				1022m	-		
				1083m	-		
				1477s	1477w*		
				1583m	-		
$C_6H_4Cl_2$			657w			658m*	657w*
			748s			751s*	757w
			1030m			1032m	1023m*
			1122m			1122w*	1122w*
			1453m			1454s*	1457w

*- the bands of two components coincide, sp.-split bands

[1] K. Pokhodnia, J. Papavassiliou, P. Umek, A. Omerzu, D. Mihailovič, *J. Phys. Chem*., 1999, **110**, 3606.

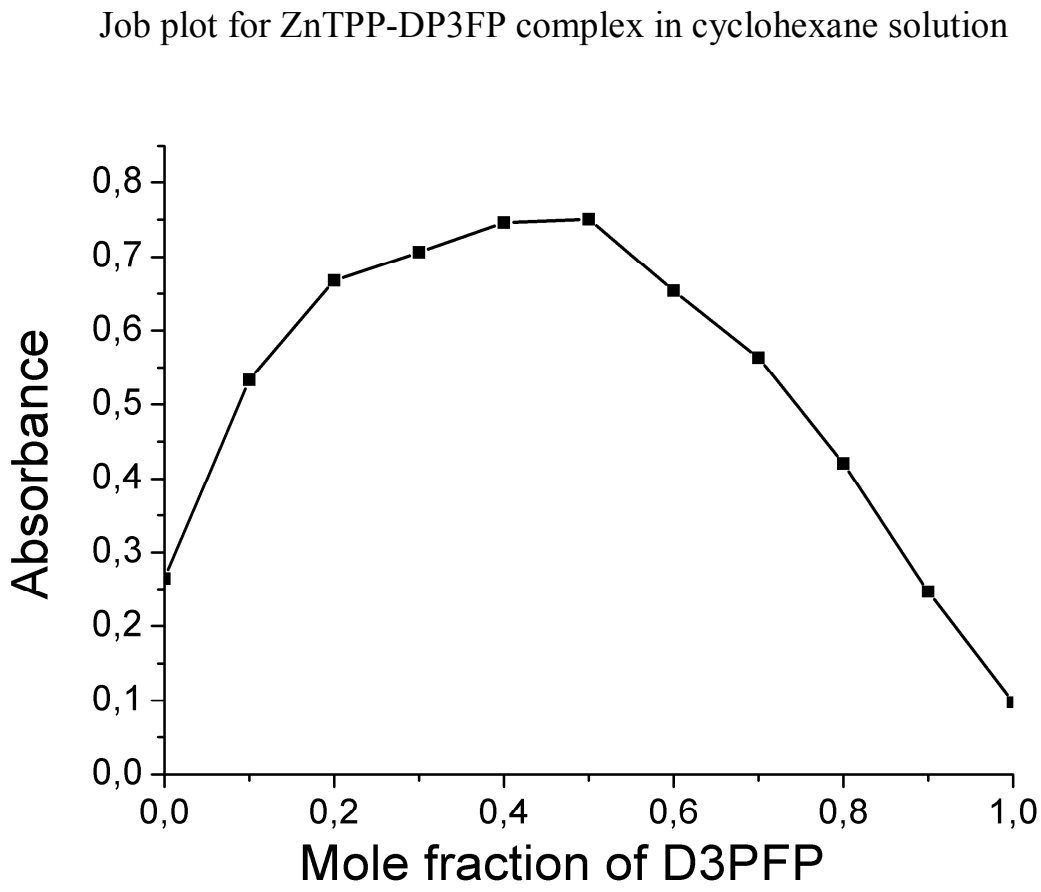

Fig. S1. Dependence of the absorbance at 430 nm *vs* mole fraction of DP3FP. Maximum at 0.5 corresponds to the formation of a 1:1 complex.