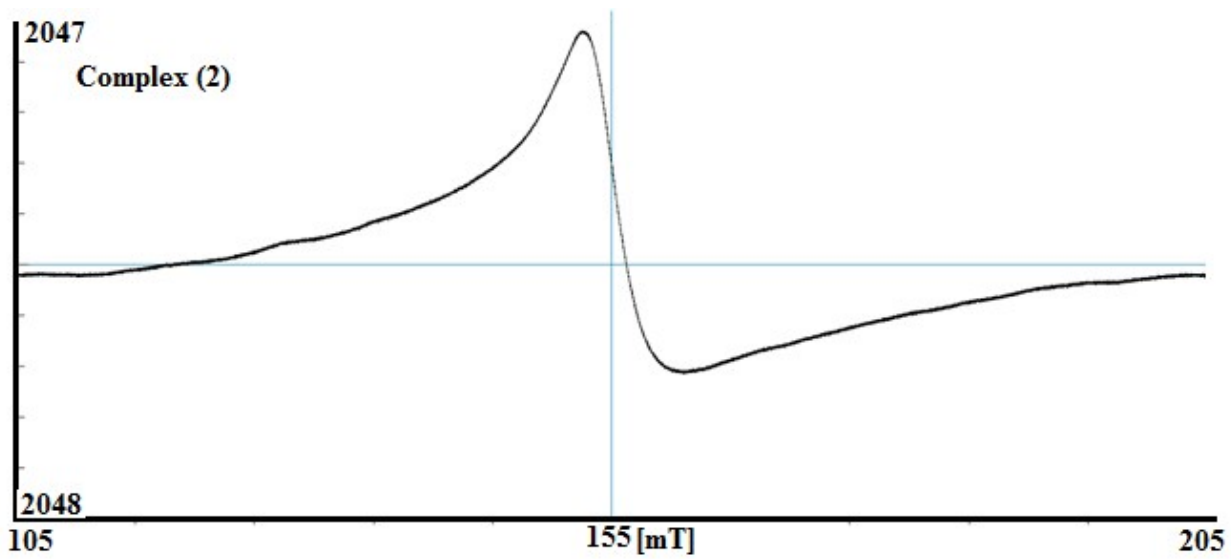
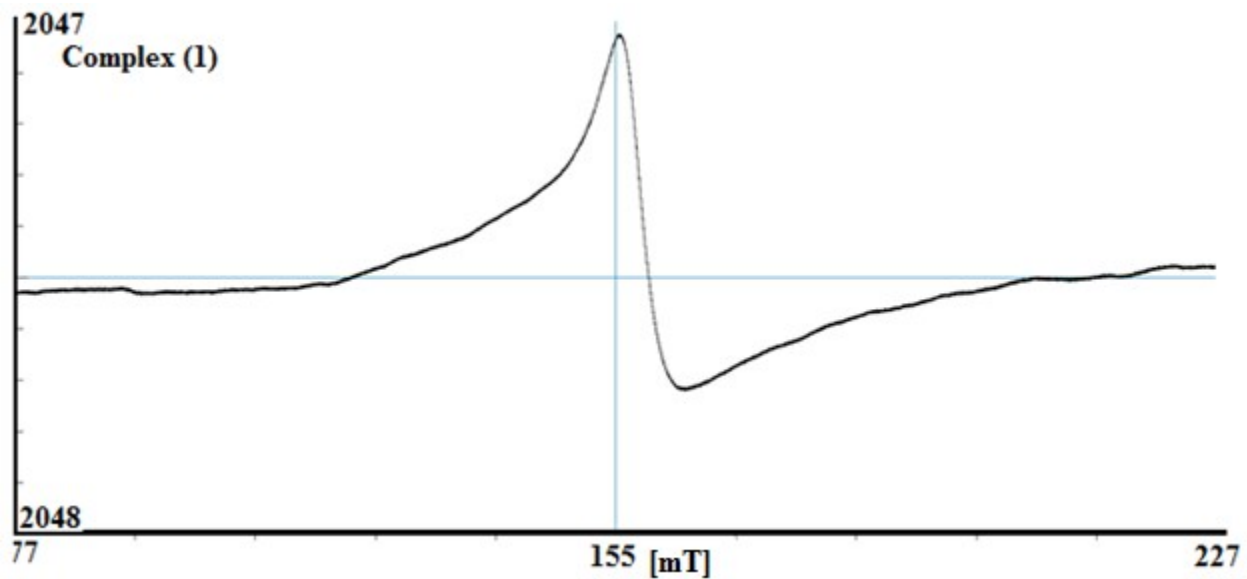


Supporting Information



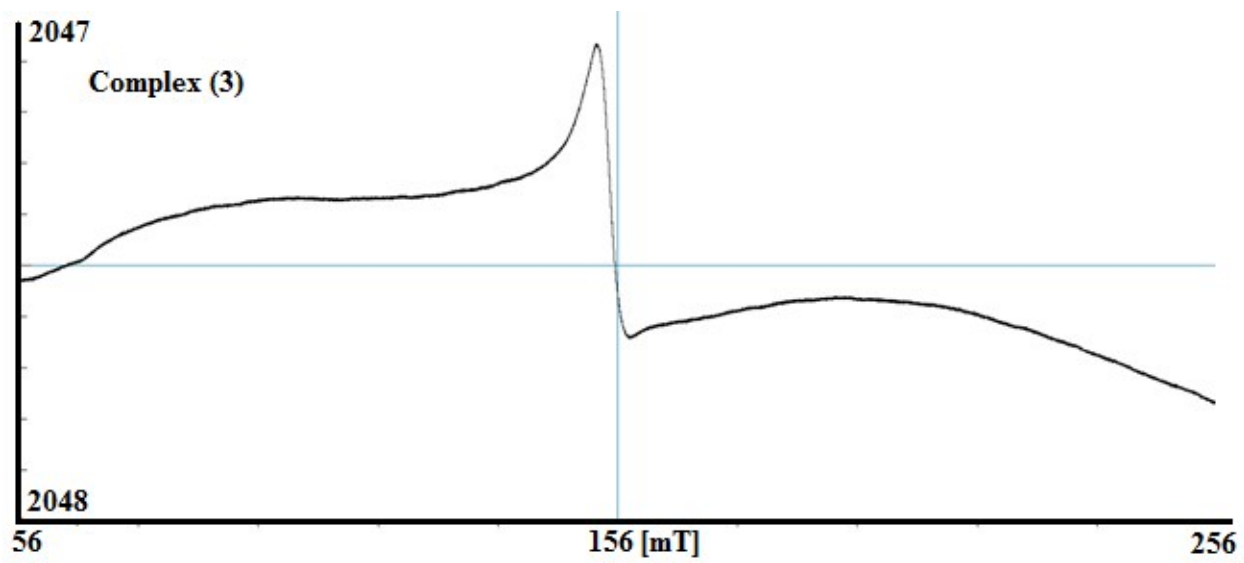


Fig. 1S. EPR spectra of the complexes 1-3.

Table 1S

Electronic transitions with their assignments

Complexes	Band positions (cm ⁻¹)	Assignments
[4-Pic-H][Cr(pda) ₂] \cdot 2H ₂ O (1)	37453	n \rightarrow π^*
	32120	$\pi \rightarrow \pi^*$
	29247	CT
	23007	⁴ T _{1g} (F) \leftarrow ⁴ A _{2g}
	22306	⁴ T _{2g} (F) \leftarrow ⁴ A _{2g}
[4-Pic-H][Fe(pda) ₂] \cdot 2H ₂ O (2)	37594	n \rightarrow π^*
	30030	$\pi \rightarrow \pi^*$
	26110	CT
	16920	⁴ T _{2g} \leftarrow ⁶ A _{1g}
	14286	[⁴ T _{2g} , ⁴ T _{1g}] \leftarrow ⁶ A _{1g}
[4-Pic-H][Co(pda) ₂] \cdot 2H ₂ O (3)	37594	n \rightarrow π^*
	30120	$\pi \rightarrow \pi^*$
	26178	CT
	16949	¹ E _{1g} \leftarrow ¹ A _{1g} (F)
	14286	¹ A _{2g} \leftarrow ¹ A _{1g}