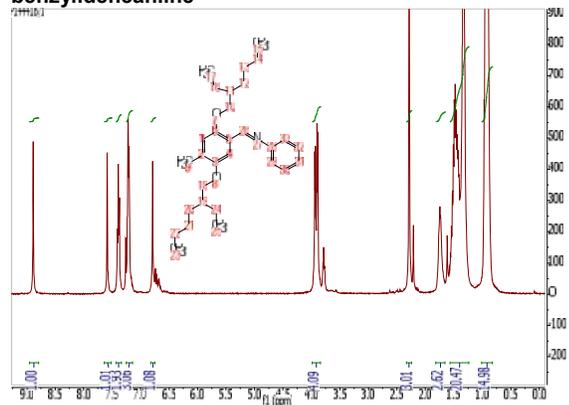
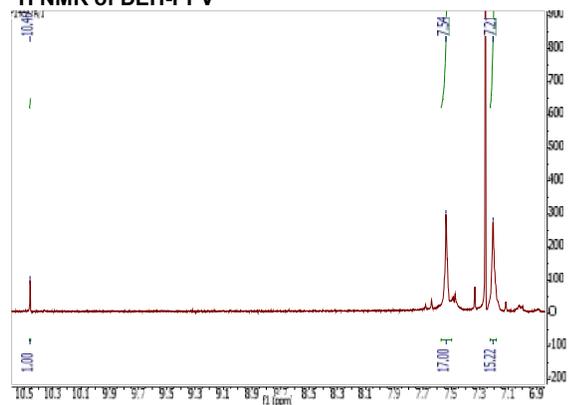




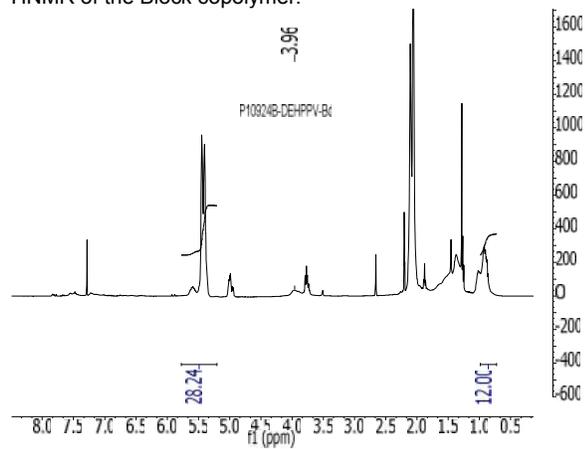
**<sup>1</sup>H NMR of 2',5'-Di(2''-ethylhexyloxy)-4'-methyl-N-benzylideneaniline**



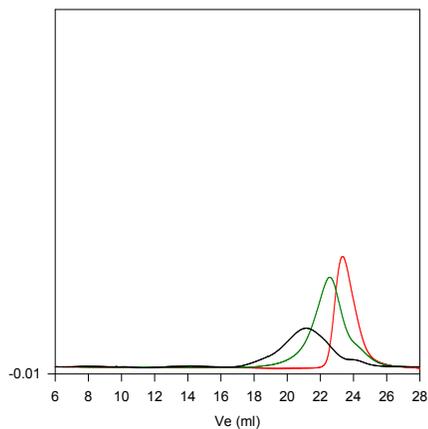
**<sup>1</sup>H NMR of DEH-PPV**



**HNMR of the Block copolymer:**



**P10924B-DEHPPV-Bd**



- Size exclusion chromatography of poly(DEHPPV-Bd)
- Poly(2,5-di(2-ethylhexyloxy)-1,4-phenylenevinylene),  $M_n=5,000$ ,  $M_w=7500$ ,  $M_w/M_n=1.5$
  - PBd  $M_n=10,000$ ,  $M_w/M_n=1.10$
  - After linking reaction DEHPPV-Bd  $M_n=DEHPPV(5,000)$ -b-(10,000),  $M_w/M_n=1.6$