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SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Physical Science International Journal
Manuscript Number:	**2014_PSIJ_13453**
Title of the Manuscript:	**Nano-structural characterizations: Elongation of graphene layers within solid hydrocarbons**
Type of the Article	**Original research Article**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
All authors' responses are accepted except for the one for Section 4.2. Despite that all functional groups are labelled accordingly, the band =C-H is still impossible to be observed from all spectra as there are no obvious peak corresponding to 3020 cm^{-1}. I doubt the validity of the Mid-IR spectra. Please convince me with more evidence.	**In HAC, the 3020 cm^{-1} band is generally weak when the structure of HAC is dominated by aliphatic structures (Mennella et al. 1995,444:288.; J¨ageret al. 2008,689:249; and Dischler, B., 1987;17:189). This band appears remarkably in some samples (S7, S15 and S16) although it seems very weak in S16 relative to the aliphatic –C-H bands and sometimes it disappears as in case of S8 but, with heat treatments of the same sample, it appears at 200 and 434 °C as shown in Figure 6.** **With heating when the transformation from aliphatic to aromatic structure occurs and HAC becomes dominated aromatic structures, it becomes very stronger relative to the aliphatic –C-H structures in the CH stretching region (Goto et al. 2000, A&AS, 141, 149.; Goto et al. 2003, ApJ 589, 419).** **A brief two statements have been added in the text. Please see the highlighted yellow parts in Section 4.2 and 4.3.**