**Changes recommended by the JoVE Scientific Review Editor**

We thank the scientific review editor for his/her valuable comments. We took them into account and we have changed our manuscript and the video accordingly.

**The manuscript has been modified by the Review Editor to comply with the JoVE formatting standard. Please maintain the current formatting throughout the manuscript. The updated manuscript (55531\_R0\_121316) is in your Editorial Manager account. In the revised PDF submission, there is a hyperlink for downloading the .docx file. Please download the .docx file and use this updated version for any future revisions. The updated manuscript is also attached.**

**• General Formatting:**

**1) Please thoroughly review the language and grammar prior to resubmission. Please copy-edit the entire manuscript for any grammatical errors you may find. The text should be in American-English only. Your JoVE editor will not copy-edit your manuscript and any errors in your submitted revision may be present in the published version.**

The manuscript was edited for grammatical errors and for American-English spelling.

**2) JoVE is unable to publish manuscripts containing commercial sounding language, including trademark or registered trademark symbols (TM/R) and the mention of company brand names before an instrument or reagent. Please remove all commercial sounding language from your manuscript (text and figures). All commercial products should be sufficiently referenced in the table of materials/reagents. Here are some examples from your manuscript – Florisil.**

**F**lorisil has been replaced by “activated magnesium silicate sorbent”,

**3) If you are re-using figures from a previous publication, please obtain explicit permission to re-use the figure from the previous publisher (this can be in the form of a letter from an editor or a link to the editorial policies that allows you to re-publish the figure). Please upload the text of the re-print permission (may be copied and pasted from an email/website) as a Word document to the Editorial Manager site in the "Supplemental files (as requested by JoVE)" section. Please also cite the figure appropriately in the figure legend, i.e. "This figure has been modified from [citation]."**

All figures are original and none of them are re-used from a previous publication.

**• Abstract:**

**1) Line 47, short abstract - No abbreviations please – ATR FT-IR**

The abbreviation has been replaced by full name.

**2) Line 55, long abstract - No abbreviations please – PCBs, DDT, DDE, DDD**

The abbreviations PCBs and DDT have been replaced by full names. DDE and DDD have been deleted.

**• Introduction:**

**1) Line 122 - - Please define all abbreviations at first use - POPs**

The abbreviations have been defined.

**• Protocol:**

**1) Please re-write General considerations, Line 151 to 162 as step 1 in imperative tense, as if you are telling someone how to do the technique (i.e. "Do this", "Measure that" etc.) This will help the reader to prepare sampling materials ahead of time and will bring a continuity in the protocol.**

This paragraph has been rewritten according to the comment and inserted as different steps of the protocol.

**2) Line 142 and rest of the protocol – Please use a single space between the numerical value and unit. For example, 25 degC.**

This has been corrected throughout the manuscript.

**3) Line 166, 170 - The text should be in American-English only. Replace words such as “colour” by “color”.**

“Colour” has been replaced by “color”.

**4) Please write the General considerations, Line 209 to 226 as a separate step, similar to the first comment above.**

This paragraph has been rewritten according to the comment and inserted as different steps of the protocol.

**5) Line 297 – please write the appropriate step, section number in the place of 2.3 after adding the steps mentioned above.**

The number of the step has been corrected according to the above corrections.

**6) Line 322 – replace “specify” by “specificity”**

“Specify” has been replaced by “specificity”.

**• Figure legends:**

**1) Please provide a clear title for figure legends on line 339.**

The legend has been changed.

**2) Line 344, 345, figure legend 1B – please replace “rows” by “columns”. Rows are horizontal vs. columns are vertical.**

“Rows” has been replaced by “columns”.

**Comments on the Video -**

**Editing issues**

**• 1:56, 2:14, 2:18, 3:18, 4:02, 7:22 - During the fades here, a different clip is briefly visible. This looks like a mistake and should be fixed.**

This issue has been fixed.

**• 10:04-10:36 - The end of the video is about 30 seconds of black. This should be removed.**

The black ending of 30 s has been removed.

**Text/formatting issues**

**• 2:53, 4:50, 5:51 - The on screen text here is a bit difficult to read. I would suggest using a bolder font and adding a drop shadow to the text.**

The changes have been made as suggested.

**• 6:49-8:09, 9:29-9:34 - These two results discussions should be moved to their own chapter, which should be placed at the end of the protocol chapters. We understand why the authors placed each set of results after their respective processes, but for the purposes of navigation through the video it is beneficial to have a clearly-identified Results section for a viewer to access.**

A new “Results” chapter has been included following the suggested indications.

**• 9:35 - A numbered chapter title card reading "Conclusion" should be added here.**

A new “Conclusion” card has been added.