

**Agrochemicals and plant health products TCC024013 1 (kurs 2 godzinny)**  
 – Technology of Fine Chemicals  
 Rok akademicki  
 2018/2019

wtorek, godz. **09.15-13.00**  
**tuesday, 09.15-13.00**

| Week=exercise        | 1      | 2      | 3     | 4      | 5       | 6      | 7     | 8           | 9         |
|----------------------|--------|--------|-------|--------|---------|--------|-------|-------------|-----------|
| data                 | 02.10. | 09.10. | 16.10 | 23.10  | 06.11   | 13.11  | 20.11 | 27.11       |           |
| Rutkowski P.         | Intro. |        |       |        |         |        | Qu    | GC/MS       |           |
| Lorenc-Garabowska E. |        |        |       | GC-Fid |         | GC-Fid |       |             |           |
| Kordek K.            |        | Ads.   | Ads.  |        | Extrac. |        |       |             |           |
| C01-00a              | 2      | 4      | 4     | 4      | 4       | 4      | 4     | 4           |           |
|                      |        |        |       |        |         |        |       | <b>suma</b> | <b>30</b> |

Karolina Kordek p.123

Ewa Lorenc-Grabowska p.128

Piotr Rutkowski p.126

1. Introduction, safety rules
2. Identification of agrochemicals by UV-Vis. Removal of pesticides from water. (Adsorption and UV-Vis), part 1
3. Identification of agrochemicals by UV-Vis. Removal of pesticides from water. (Adsorption and UV-Vis), part 2
4. Gas chromatography. Calibration
5. Determination of organochlorine pesticides in soil, sand. (Extraction and GC-Fid analysis), part 1
6. Determination of organochlorine pesticides. (Extraction and GC-Fid analysis), part 2
7. QuEChERS method to examine pesticide residue in food. Solid phase extraction of agrochemicals.
8. Identification of agrochemicals by GC/MS