|  |  |  |  |
| --- | --- | --- | --- |
| **Analysis protocol LC-ESI-MS / GC-EI-MS** | | | |
| Mass spectrometry, contact: Fr. Dr. Birkemeyer | | | |
| phone: 97-36092 | | | |
| e-mail: birkemeyer(a)chemie.uni-leipzig.de | | | |
| https://analytik.chemie.uni-leipzig.de/start/ak-massenspektrometrie/ | | | |
|  | | | |
| **Please fill in the form as complete as possible to get the best results!** | | | |
|  | | | |
| **Personal data** | | | |
| client: | | date of delivery: | |
| working group: | | phone: | |
|  | | e-mail: | |
|  | | | |
| **Sample data** | | | |
| sample name: | | | |
| sum formula: | molecular weight: | | soluble in: |
|  | | | |
| fridge/freezer | air-/light-/water-sensitive | | |
|  | | | |
| **Analytics** | | | |
| ***GC-EI-MS*** | | ***LC-ESI-MS*** | |
| temperature program: | | solvent gradient: | |
| flow: | | flow: | |
|  | | eluent: A | |
|  | | B | |
|  | | brought along oneself: yes/no | |
| column: | | column: | |
|  | | brought along oneself: yes/no | |
| ***We acquire from m/z 50-1000 max.!*** | | column temperature: | |
|  | | UV wavelength: | |
| injection volume: | | injection volume: | |
| sample dissolved in: | | sample dissolved in: | |
|  | | | |
| **sample preparation** | | | |
| protocol: | | | |
| Performed oneself (EVERYTHING that can be done beforehand) / required to be carried out by MS group | | | |
|  | | | |
| Please present the structures of the target substances on the back of this sheet. | | | |