

List of Instrumentation (Analytical Chemistry Branch, SPIEZ LABORATORY, Switzerland)

Mass Spectrometry

GC-MS1	GC	: Hewlett Packard HP 6890 Plus (HP 7683 PTV Injector, LCO ₂ Cryo-Cooling)
	MS	: Hewlett Packard HP 5973 EI/CI MSD
GC-MS2	GC	: Agilent 6890N (PTV Injector, LCO ₂ Cryo-Cooling)
	MS	: Agilent 5975B inert XL EI/CI MSD
TD/MPS-GC-MS	TDS	: Gerstel Thermal Desorption System (TDS A2 / TDS 3 / CIS 4 with LN ₂ Cryo-Cooling)
	MPS	: Gerstel Multi Purpose Sampler (MPS2 for Liquid/Head Space/SPME Injection, PTV with LCO ₂ Cryo-Cooling)
	GC	: Agilent 6890N
	MS	: Agilent 5975B inert XL EI/CI MSD
LC-MS/MS2	LC	: Agilent 1200 HPLC System - G1312A Binary Pump - G1379B Vacuum Degasser - G1329A Autosampler - G1316A Column Compartment - G1315D Diode Array Detector (G1315-60022 Flow Cell)
	MS	: Applied Biosystems / MDS Sciex 3200 QTrap™ LC-MS/MS (Triple Quadrupole / Q3 Linear Ion Trap Analyser)
	Source	: ESI, APCI, DuoSpray™
LC-MS/MS3	LC	: Agilent 1290 UHPLC System - G4220A Infinity Binary Pump with Solvent Selector and Degasser - G4226A Infinity Autosampler for Well Plates, Vials and Eppendorf Tubes - G1330B Thermostat for Infinity Autosampler G4226A - G1316C Infinity Thermostatted Column Compartment (SL plus) - G4212A Infinity Diode Array Detector with Max-Light Cartridge Flow Cell - G4208A Instant Pilot (Handheld Control)
	MS	: Bruker Daltonics maXis™ 4G UHR-TOF System (QTOF)
	Source	: ESI (Apollo II Ion Funnel), APCI (Version II)

Gas Chromatography

GC-AED	GC	: Agilent-JAS 6890N (PTV Injector, LCO ₂ Cryo-Cooling)
	AED	: JAS G2350A Atomic Emission Detector
GC-PFPD/FID	GC	: Agilent 6890N (Gerstel CIS 4 PTV Injector, LCO ₂ Cryo-Cooling)
	PFPD	: OI Analytical Model 5380 Pulsed Flame Photometric Detector (28 Elements, Dual Gate Capability)
	FID	: Agilent 6890 FID
GC-NPD/FID	GC	: Agilent 6890N (PTV Injector, Septumless Head, LCO ₂ Cryo-Cooling)
	NPD	: Agilent 6890 NPD
	FID	: Agilent 6890 FID

Liquid Chromatography - Solid Phase Extraction

LC-SPE	LC	: Agilent 1200 Series - G1311A Quaternary Pump - G1322A Vacuum Degasser - G1329A Autosampler - G1316B Column Compartment - G1315B Diode Array Detector - G1328 Manual Injection Port
	SPE	: Spark/Bruker Prospekt 2 LC-SPE-NMR Interface (ACE), Dispenser (HPD) and Liquid Organiser

NMR Spectroscopy

NMR	Bruker AVANCE-II	- QNP CryoProbe Technology, NMR Case - Nuclei : ¹ H, ¹³ C, ¹⁹ F, ³¹ P - Field : 11.7 Tesla (500MHz)
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