Desktop analysis of ADF files
Allotrope Connect Workshop, Cambridge, USA, 2018/11/06
Load ADF and raw data
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History of OpenChrom

Automation of Py-GC/MS data analysis

2004: VB6 and ChemStation macros
2007: Java and Eclipse RCP
2010: First Release
2012: Finish PhD
2013: Founding a company (Lablicate GmbH)
2013: Eclipse Foundation membership
2018: Allotrope Foundation membership
GC/MS – nominal, tandem, high resolution
GC/FID – and other detectors
LC/DAD – and UV-Vis detectors
PCR and other analytical data
MALDI-TOF – spectrum analysis
NMR* – currently under development
FTIR* – currently under development

Classifier, Filter, Baseline-, Peakdetection, Integration, RI Calculation, Identification, Quantitation, PCA, Reporting, LIMS Connectors, … * in progress
Peak identification via NIST-DB
Principal Component Analysis (PCA)
Individual workflows via KNIME
Modular approach via Eclipse

Suitable for research as well as industrial use
Combination of open-source and proprietary modules possible, join the project
Available for Windows, macOS and Linux
Eclipse & Science Working Group

ECLIPSE FOUNDATION

Bosch, BMW, Continental, IBM, Mercedes, Microsoft, Red Hat, SAP, Telekom, ...

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