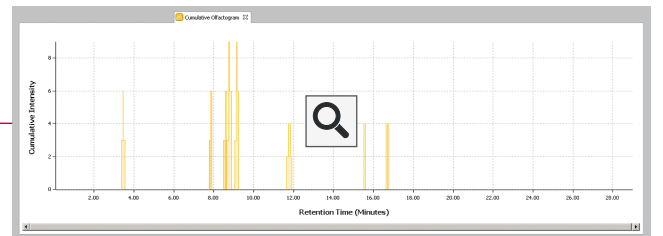


Feedback Calculation Comparison Scan

Project: ODI Project Name - Edit is enabled.

RT	Aroma Compound	CAS	Odor Quality	Herrmann	App	Pfiter	DF (Detection Frequency)
3.502	Butanoic acid, ethyl ester	105-54-4	fruity	3.00R...	3.00R...	3.00R...	2
7.872	Dimethyl trisulfide	3658-69-8	Cabbage Cabbage ...	3.00R...	3.00...	3.00R...	3
8.602	Pyrazine, 3-ethyl-2,5-dime...	13360-65-1	potatoe earthy pot...	3.00R...	3.00...	3.00R...	3
8.813	Pyrazine, 2-ethyl-3,5-dime...	18138-04-0	cabbage, potatoe	3.00R...	3.00...	3.00R...	3
9.193	2-Acetyl-3-ethylpyrazine	18138-04-0	clove, savory	3.00R...	3.00...	3.00R...	2
11.828	2,4-Norbornadiene, (E,E)	5910-67-2	cucumber	2.00R...	2.00R...	2.00R...	2
15.645	p-Cresol	5910-67-2	horseradish	4.00R...	4.00R...	4.00R...	1
16.742	2-Methoxy-4-vinylphenol		phenolic	4.00R...	4.00R...	4.00R...	1
16.745	2-Methoxy-4-vinylphenol		phenolic	4.00R...	4.00R...	4.00R...	1

Number of measurement: 3



### 3 Panel analysis data and detection frequency

If a sample is analyzed by multiple persons, i.e. a sensory panel investigation, existing panel data can be processed using the ODI in order to determine the number of panelists who found each individual olfactory impression. The ODI performs this data analysis by mouse-click and delivers the detection frequency of each compound.

### 4 Cumulative Olfactogram

The function "Cumulative Olfactogram" quickly and reliably delivers information as to which compounds contribute to the olfactory impression even when present in minute concentrations. This enables the analyst to identify the main odor active compounds in a sample. The sample is analyzed by GC-O in different dilutions to arrive at the result. The ODI adds the determined intensities for the individual dilutions and calculates the cumulative value.