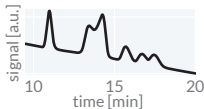


(A)

**instantiation**

```
data = load_chromatogram(fname,cols)
chrom = Chromatogram(data)
```

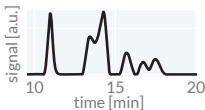


(B)

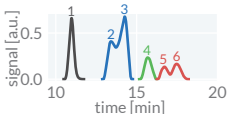
```
chrom.fit_peaks()
```

**i background subtraction**

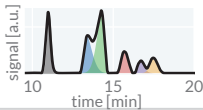
```
chrom.correct_baseline()
```

**ii peak detection**

```
chrom._assign_windows()
```

**iii peak fitting**

```
chrom.deconvolve_peaks()
```

**(C) peak measurements**

| ret_time | amp.   | scale | skew  | area   | peak |
|----------|--------|-------|-------|--------|------|
| 10.90    | 2.3e+4 | 0.16  | 0.70  | 2.8e+6 | 1    |
| 13.19    | 2.5e+4 | 0.42  | 3.19  | 3.0e+6 | 2    |
| 14.45    | 3.7e+4 | 0.38  | -3.53 | 4.4e+6 | 3    |
| ⋮        | ⋮      | ⋮     | ⋮     | ⋮      | ⋮    |