Auction Salt

Description: encapsulates:

- auction start time
- duration of an auction
- initial rate bump
- taker fee
- salt (optional parameter to control entropy)

Examples:

```
import {AuctionSalt} from '@1inch/fusion-sdk'

const salt = new AuctionSalt({
    duration: 180 // in seconds,
    auctionStartTime: 1673548149 // unix timestamp,
    initialRateBump: 50000 // difference between max and min amount in percents, 10000000 = 100%
    bankFee: '0' // in wei
})

salt.build()
// #=> '451187688419489615861677383536922770760755220151016191484987250693269765498 64'
```

Or user can pass optional parameter in constructor to control entropy (be default we use randomInt 10000)

```
import {AuctionSalt} from '@1inch/fusion-sdk'

// your random generated string
const saltString = myCustomRandFunction()

const salt = new AuctionSalt({
    duration: 180 // in seconds,
    auctionStartTime: 1673548149 // unix timestamp,
    initialRateBump: 50000 // 10000000 = 100%
    bankFee: '0' // in wei,
    salt: saltString
})
```

```
salt.build()
```

static AuctionSalt.decode

Arguments: string

```
import { AuctionSalt } from "@1inch/fusion-sdk";

const salt = AuctionSalt.decode(
  "45118768841948961586167738353692277076075522015101619148498725069326976549864",
);
// #=> AuctionSalt
```

Previous
‹ Auction Calculator

Next
Auction Suffix ›