

Sample Name :Endomorphin-1  
 Cat No. :RP10925  
 Lot No. :E4765619I  
 Time Processed :7:24:01 AM  
 Month-Day-Year Processed :09/19/19

Pump A : 0.065% trifluoroacetic in 100% water (v/v)  
 Pump B : 0.05% trifluoroacetic in 100% acetonitrile (v/v)  
 Total Flow:1 ml/min  
 Wavelength:220 nm

<<LC Time Program>>

| Time  | Module     | Command         | Value |
|-------|------------|-----------------|-------|
| 0.01  | Pumps      | Solvent B Conc. | 5     |
| 25.00 | Pumps      | Solvent B Conc. | 65    |
| 25.01 | Pumps      | Solvent B Conc. | 95    |
| 27.00 | Pumps      | Solvent B Conc. | 95    |
| 27.01 | Pumps      | Solvent B Conc. | 5     |
| 35.00 | Pumps      | Solvent B Conc. | 5     |
| 35.01 | Controller | Stop            |       |

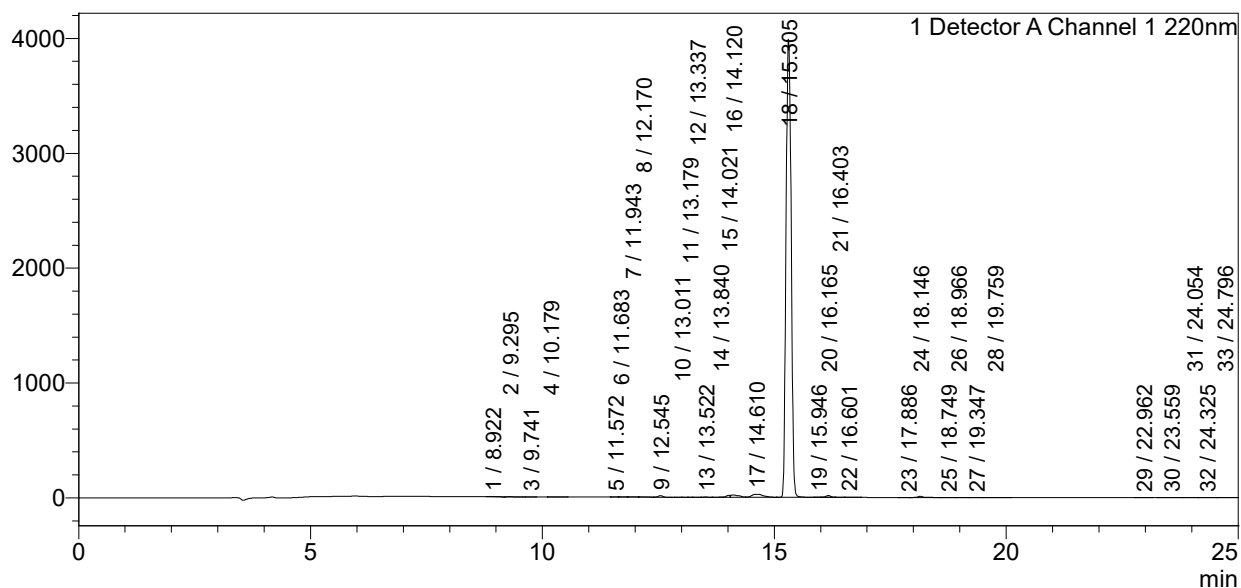
<<Column Performance>>

<Detector A>

Column : Inertsil ODS-3 4.6 x 250 mm  
 Equipment: ZJ19010141

### <Chromatogram>

mV



### <Peak Table>

Detector A Channel 1 220nm

| Peak# | Ret. Time | Area  | Height | Area% |
|-------|-----------|-------|--------|-------|
| 1     | 8.922     | 4344  | 347    | 0.014 |
| 2     | 9.295     | 4782  | 409    | 0.015 |
| 3     | 9.741     | 2593  | 438    | 0.008 |
| 4     | 10.179    | 3574  | 215    | 0.011 |
| 5     | 11.572    | 1803  | 269    | 0.006 |
| 6     | 11.683    | 1772  | 309    | 0.006 |
| 7     | 11.943    | 1726  | 168    | 0.005 |
| 8     | 12.170    | 2650  | 211    | 0.008 |
| 9     | 12.545    | 89221 | 12870  | 0.278 |
| 10    | 13.011    | 9282  | 1227   | 0.029 |
| 11    | 13.179    | 1432  | 296    | 0.004 |
| 12    | 13.337    | 6717  | 829    | 0.021 |
| 13    | 13.522    | 15767 | 2407   | 0.049 |
| 14    | 13.840    | 11365 | 1585   | 0.035 |
| 15    | 14.021    | 99392 | 17275  | 0.310 |

| Peak# | Ret. Time | Area     | Height  | Area%   |
|-------|-----------|----------|---------|---------|
| 16    | 14.120    | 243924   | 20935   | 0.761   |
| 17    | 14.610    | 462327   | 26545   | 1.441   |
| 18    | 15.305    | 30856110 | 3989643 | 96.203  |
| 19    | 15.946    | 4100     | 728     | 0.013   |
| 20    | 16.165    | 111043   | 15627   | 0.346   |
| 21    | 16.403    | 7835     | 951     | 0.024   |
| 22    | 16.601    | 14741    | 1977    | 0.046   |
| 23    | 17.886    | 3330     | 407     | 0.010   |
| 24    | 18.146    | 94434    | 10596   | 0.294   |
| 25    | 18.749    | 1798     | 234     | 0.006   |
| 26    | 18.966    | 1064     | 76      | 0.003   |
| 27    | 19.347    | 1059     | 134     | 0.003   |
| 28    | 19.759    | 4987     | 453     | 0.016   |
| 29    | 22.962    | 2027     | 206     | 0.006   |
| 30    | 23.559    | 2030     | 116     | 0.006   |
| 31    | 24.054    | 1773     | 135     | 0.006   |
| 32    | 24.325    | 2325     | 153     | 0.007   |
| 33    | 24.796    | 2782     | 182     | 0.009   |
| Total |           | 32074107 | 4107954 | 100.000 |