

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050422\  
 Data File : VW022803.D  
 Acq On : 04 May 2022 15:41  
 Operator : SY/VA  
 Sample : N2639-07  
 Misc : 5.39g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EXL16

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Title : SFAM01.0

Signal : TIC: VW022803.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.355       | 69            | 74          | 81           | rVB      | 139401         | 227982        | 18.65%          | 2.429%        |
| 2         | 2.885       | 156           | 161         | 172          | rVB      | 77915          | 163355        | 13.37%          | 1.740%        |
| 3         | 3.306       | 228           | 230         | 231          | rBV2     | 844            | 871           | 0.07%           | 0.009%        |
| 4         | 3.391       | 238           | 244         | 248          | rBV7     | 2573           | 6250          | 0.51%           | 0.067%        |
| 5         | 3.501       | 260           | 262         | 264          | rBV3     | 878            | 679           | 0.06%           | 0.007%        |
| 6         | 3.550       | 268           | 270         | 273          | rVB4     | 761            | 681           | 0.06%           | 0.007%        |
| 7         | 3.739       | 300           | 301         | 302          | rBV      | 951            | 671           | 0.05%           | 0.007%        |
| 8         | 3.800       | 309           | 311         | 312          | rBV2     | 991            | 837           | 0.07%           | 0.009%        |
| 9         | 3.818       | 312           | 314         | 317          | rVB3     | 870            | 762           | 0.06%           | 0.008%        |
| 10        | 4.019       | 335           | 347         | 361          | rBV2     | 133500         | 408229        | 33.40%          | 4.349%        |
| 11        | 4.269       | 385           | 388         | 393          | rBV7     | 1466           | 2148          | 0.18%           | 0.023%        |
| 12        | 4.483       | 421           | 423         | 427          | rVB4     | 1612           | 1836          | 0.15%           | 0.020%        |
| 13        | 4.525       | 427           | 430         | 431          | rBV3     | 825            | 844           | 0.07%           | 0.009%        |
| 14        | 4.611       | 441           | 444         | 445          | rBV3     | 797            | 796           | 0.07%           | 0.008%        |
| 15        | 4.641       | 447           | 449         | 454          | rVB5     | 996            | 861           | 0.07%           | 0.009%        |
| 16        | 4.769       | 468           | 470         | 471          | rBV2     | 1023           | 689           | 0.06%           | 0.007%        |
| 17        | 4.922       | 483           | 495         | 506          | rBV4     | 12889          | 50981         | 4.17%           | 0.543%        |
| 18        | 5.281       | 553           | 554         | 559          | rBV4     | 700            | 890           | 0.07%           | 0.009%        |
| 19        | 5.342       | 561           | 564         | 568          | rBV5     | 675            | 860           | 0.07%           | 0.009%        |
| 20        | 5.568       | 598           | 601         | 602          | rVB3     | 1005           | 947           | 0.08%           | 0.010%        |
| 21        | 5.611       | 605           | 608         | 610          | rBV3     | 904            | 920           | 0.08%           | 0.010%        |
| 22        | 5.678       | 616           | 619         | 621          | rBV4     | 1160           | 1457          | 0.12%           | 0.016%        |
| 23        | 5.867       | 647           | 650         | 651          | rBV3     | 830            | 1013          | 0.08%           | 0.011%        |
| 24        | 5.946       | 653           | 663         | 673          | rBV5     | 6359           | 21438         | 1.75%           | 0.228%        |
| 25        | 6.013       | 673           | 674         | 676          | rVB2     | 1338           | 758           | 0.06%           | 0.008%        |
| 26        | 6.037       | 676           | 678         | 679          | rBV2     | 1017           | 963           | 0.08%           | 0.010%        |
| 27        | 6.245       | 709           | 712         | 713          | rBV3     | 1178           | 905           | 0.07%           | 0.010%        |
| 28        | 6.348       | 727           | 729         | 732          | rBV3     | 894            | 870           | 0.07%           | 0.009%        |
| 29        | 6.446       | 743           | 745         | 747          | rBV2     | 1175           | 988           | 0.08%           | 0.011%        |
| 30        | 6.635       | 773           | 776         | 778          | rBV4     | 1072           | 1038          | 0.08%           | 0.011%        |
| 31        | 6.702       | 785           | 787         | 789          | rBV2     | 943            | 852           | 0.07%           | 0.009%        |
| 32        | 6.891       | 816           | 818         | 820          | rVB3     | 893            | 663           | 0.05%           | 0.007%        |
| 33        | 6.964       | 826           | 830         | 831          | rBV4     | 908            | 1126          | 0.09%           | 0.012%        |
| 34        | 7.074       | 841           | 848         | 866          | rBV2     | 33852          | 102248        | 8.37%           | 1.089%        |
| 35        | 7.397       | 899           | 901         | 903          | rBV3     | 840            | 768           | 0.06%           | 0.008%        |
| 36        | 7.482       | 913           | 915         | 918          | rBV4     | 1008           | 835           | 0.07%           | 0.009%        |

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 EXL16

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.525  | 918  | 922  | 925  | rBV6 | 2996   | 5725    | 0.47%   | 0.061%  |
| 38 | 7.647  | 933  | 942  | 953  | rVB  | 214438 | 528229  | 43.22%  | 5.628%  |
| 39 | 7.860  | 974  | 977  | 978  | rBV3 | 704    | 680     | 0.06%   | 0.007%  |
| 40 | 8.153  | 1020 | 1025 | 1026 | rBV5 | 1676   | 2280    | 0.19%   | 0.024%  |
| 41 | 8.275  | 1035 | 1045 | 1061 | rBV2 | 409112 | 1222150 | 100.00% | 13.020% |
| 42 | 8.689  | 1106 | 1113 | 1114 | rBV4 | 3548   | 4748    | 0.39%   | 0.051%  |
| 43 | 8.842  | 1127 | 1138 | 1148 | rBV  | 429160 | 840481  | 68.77%  | 8.954%  |
| 44 | 9.006  | 1163 | 1165 | 1166 | rVB2 | 1424   | 934     | 0.08%   | 0.010%  |
| 45 | 9.079  | 1171 | 1177 | 1179 | rBV6 | 2726   | 5564    | 0.46%   | 0.059%  |
| 46 | 9.165  | 1189 | 1191 | 1194 | rBV4 | 751    | 1062    | 0.09%   | 0.011%  |
| 47 | 9.274  | 1201 | 1209 | 1220 | rBV  | 282737 | 569946  | 46.63%  | 6.072%  |
| 48 | 9.433  | 1234 | 1235 | 1238 | rVB3 | 957    | 894     | 0.07%   | 0.010%  |
| 49 | 9.518  | 1243 | 1249 | 1251 | rVV7 | 1383   | 2720    | 0.22%   | 0.029%  |
| 50 | 9.543  | 1251 | 1253 | 1255 | rVB3 | 1439   | 1012    | 0.08%   | 0.011%  |
| 51 | 9.659  | 1270 | 1272 | 1276 | rBV5 | 1274   | 1617    | 0.13%   | 0.017%  |
| 52 | 9.750  | 1284 | 1287 | 1290 | rVB5 | 1476   | 1800    | 0.15%   | 0.019%  |
| 53 | 9.799  | 1292 | 1295 | 1297 | rVB2 | 910    | 984     | 0.08%   | 0.010%  |
| 54 | 9.829  | 1297 | 1300 | 1302 | rBV3 | 1116   | 1273    | 0.10%   | 0.014%  |
| 55 | 9.951  | 1319 | 1320 | 1325 | rVB5 | 2483   | 2375    | 0.19%   | 0.025%  |
| 56 | 10.037 | 1327 | 1334 | 1341 | rVV  | 147969 | 262372  | 21.47%  | 2.795%  |
| 57 | 10.323 | 1371 | 1381 | 1388 | rBV  | 605425 | 1049674 | 85.89%  | 11.183% |
| 58 | 10.579 | 1416 | 1423 | 1429 | rBV  | 92320  | 158102  | 12.94%  | 1.684%  |
| 59 | 10.707 | 1439 | 1444 | 1450 | rVB4 | 3388   | 5871    | 0.48%   | 0.063%  |
| 60 | 10.756 | 1450 | 1452 | 1454 | rBV3 | 1011   | 929     | 0.08%   | 0.010%  |
| 61 | 10.860 | 1462 | 1469 | 1474 | rBV  | 40969  | 72328   | 5.92%   | 0.771%  |
| 62 | 10.927 | 1474 | 1480 | 1491 | rVB  | 136248 | 236635  | 19.36%  | 2.521%  |
| 63 | 11.311 | 1540 | 1543 | 1544 | rBV3 | 800    | 864     | 0.07%   | 0.009%  |
| 64 | 11.512 | 1572 | 1576 | 1580 | rBV5 | 1939   | 3022    | 0.25%   | 0.032%  |
| 65 | 11.628 | 1588 | 1595 | 1607 | rBV  | 607140 | 1027642 | 84.08%  | 10.948% |
| 66 | 11.725 | 1607 | 1611 | 1617 | rVB  | 10764  | 17692   | 1.45%   | 0.188%  |
| 67 | 11.835 | 1624 | 1629 | 1635 | rVB3 | 14286  | 26037   | 2.13%   | 0.277%  |
| 68 | 11.975 | 1650 | 1652 | 1655 | rVB4 | 1569   | 1590    | 0.13%   | 0.017%  |
| 69 | 12.018 | 1655 | 1659 | 1660 | rBV2 | 1336   | 1270    | 0.10%   | 0.014%  |
| 70 | 12.042 | 1660 | 1663 | 1664 | rBV3 | 705    | 773     | 0.06%   | 0.008%  |
| 71 | 12.158 | 1679 | 1682 | 1688 | rVB3 | 6263   | 11842   | 0.97%   | 0.126%  |
| 72 | 12.518 | 1739 | 1741 | 1742 | rVB2 | 1119   | 709     | 0.06%   | 0.008%  |
| 73 | 12.609 | 1751 | 1756 | 1760 | rVV7 | 6091   | 12613   | 1.03%   | 0.134%  |
| 74 | 12.689 | 1762 | 1769 | 1780 | rVV  | 226815 | 376865  | 30.84%  | 4.015%  |
| 75 | 12.859 | 1793 | 1797 | 1801 | rBV2 | 4794   | 8928    | 0.73%   | 0.095%  |
| 76 | 12.987 | 1816 | 1818 | 1823 | rBV6 | 1600   | 1987    | 0.16%   | 0.021%  |

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Instrument :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 13.066 | 1829 | 1831 | 1832 | rBV2 | 1195   | 920     | 0.08%  | 0.010%  |
| 78  | 13.249 | 1855 | 1861 | 1865 | rBV  | 11453  | 18772   | 1.54%  | 0.200%  |
| 79  | 13.371 | 1879 | 1881 | 1882 | rBV2 | 1367   | 1198    | 0.10%  | 0.013%  |
| 80  | 13.554 | 1904 | 1911 | 1920 | rBV  | 624023 | 1023346 | 83.73% | 10.902% |
| 81  | 13.749 | 1940 | 1943 | 1946 | rBV5 | 2837   | 4456    | 0.36%  | 0.047%  |
| 82  | 13.847 | 1953 | 1959 | 1970 | rVB  | 479054 | 815228  | 66.70% | 8.685%  |
| 83  | 14.005 | 1983 | 1985 | 1988 | rBV4 | 2309   | 2121    | 0.17%  | 0.023%  |
| 84  | 14.152 | 2007 | 2009 | 2012 | rBV3 | 1343   | 1797    | 0.15%  | 0.019%  |
| 85  | 14.261 | 2025 | 2027 | 2029 | rBV3 | 1062   | 1021    | 0.08%  | 0.011%  |
| 86  | 14.322 | 2034 | 2037 | 2045 | rVB7 | 5294   | 9280    | 0.76%  | 0.099%  |
| 87  | 14.633 | 2085 | 2088 | 2094 | rVB8 | 2193   | 3762    | 0.31%  | 0.040%  |
| 88  | 14.694 | 2094 | 2098 | 2099 | rBV4 | 2541   | 3889    | 0.32%  | 0.041%  |
| 89  | 14.944 | 2137 | 2139 | 2140 | rBV  | 1123   | 905     | 0.07%  | 0.010%  |
| 90  | 15.164 | 2171 | 2175 | 2178 | rBV6 | 2078   | 4152    | 0.34%  | 0.044%  |
| 91  | 15.273 | 2191 | 2193 | 2196 | rBV2 | 1068   | 895     | 0.07%  | 0.010%  |
| 92  | 15.304 | 2196 | 2198 | 2199 | rBV2 | 1367   | 958     | 0.08%  | 0.010%  |
| 93  | 15.353 | 2203 | 2206 | 2207 | rBV3 | 2436   | 2582    | 0.21%  | 0.028%  |
| 94  | 15.438 | 2218 | 2220 | 2222 | rBV3 | 1290   | 1034    | 0.08%  | 0.011%  |
| 95  | 15.536 | 2234 | 2236 | 2237 | rBV2 | 1163   | 739     | 0.06%  | 0.008%  |
| 96  | 15.859 | 2287 | 2289 | 2291 | rBV3 | 1804   | 1752    | 0.14%  | 0.019%  |
| 97  | 16.163 | 2336 | 2339 | 2344 | rBV7 | 1872   | 2964    | 0.24%  | 0.032%  |
| 98  | 16.328 | 2364 | 2366 | 2368 | rBV2 | 905    | 901     | 0.07%  | 0.010%  |
| 99  | 16.346 | 2368 | 2369 | 2371 | rVV2 | 1649   | 1259    | 0.10%  | 0.013%  |
| 100 | 16.621 | 2412 | 2414 | 2417 | rBV4 | 1697   | 2230    | 0.18%  | 0.024%  |

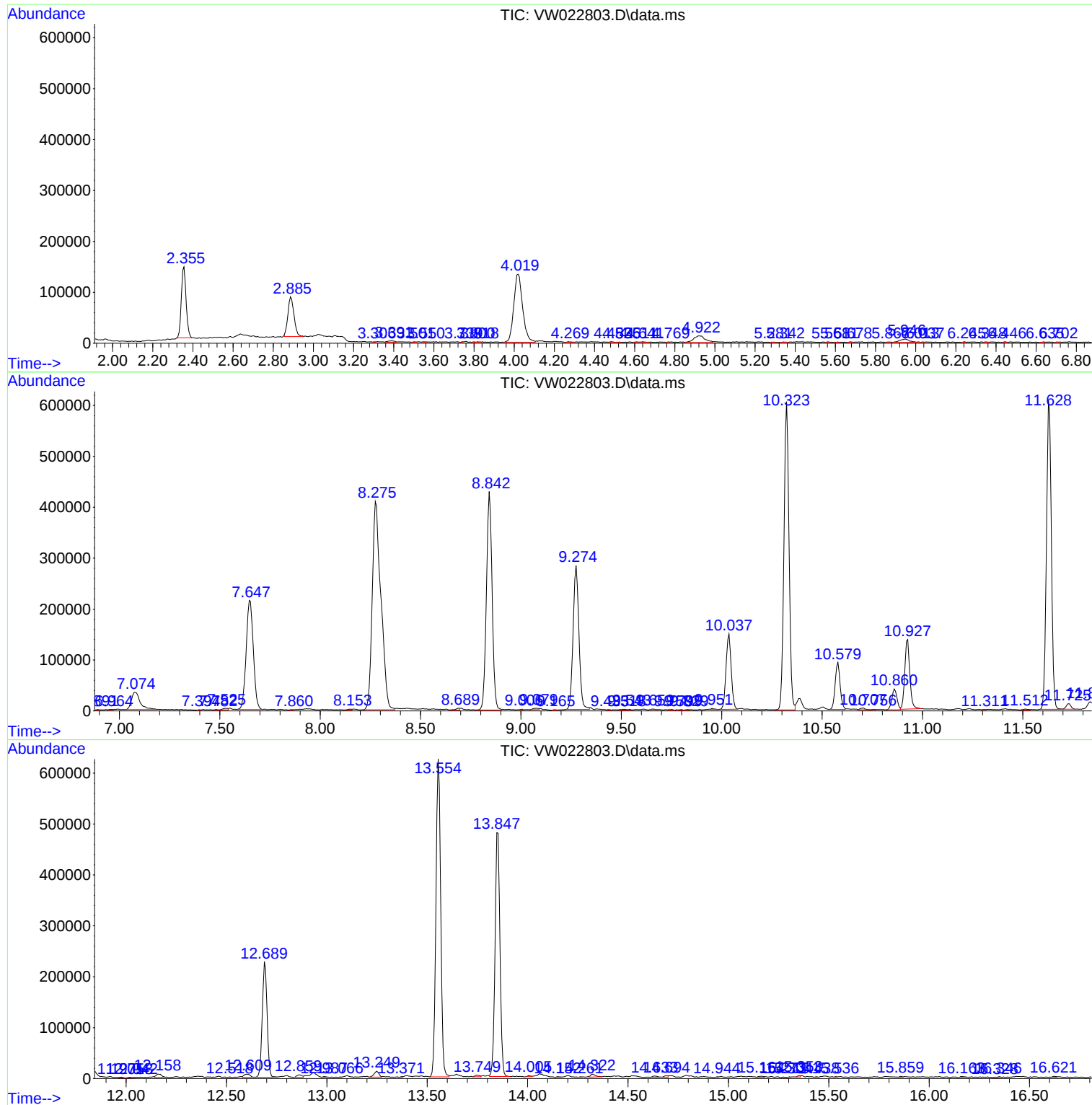
Sum of corrected areas: 9386391

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EXL16

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |