

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD082523\  
 Data File : VD077026.D  
 Acq On : 25 Aug 2023 20:09  
 Operator : JC/SY  
 Sample : 04172-11  
 Misc : 4.11G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCHW4

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\_D\Method\SFAMDLM080323SMA.M  
 Title : SFAM01.0

Signal : TIC: VD077026.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         | 1.740       | 11            | 26          | 35           | rBV      | 267839         | 526459        | 69.17%          | 7.665%        |
| 2         | 2.134       | 91            | 93          | 94           | rBV      | 1834           | 1291          | 0.17%           | 0.019%        |
| 3         | 2.264       | 110           | 115         | 125          | rVB      | 99065          | 144925        | 19.04%          | 2.110%        |
| 4         | 2.793       | 198           | 205         | 217          | rBV      | 93246          | 177325        | 23.30%          | 2.582%        |
| 5         | 3.293       | 288           | 290         | 293          | rVV2     | 1213           | 908           | 0.12%           | 0.013%        |
| 6         | 3.552       | 332           | 334         | 338          | rVB      | 768            | 761           | 0.10%           | 0.011%        |
| 7         | 3.687       | 354           | 357         | 360          | rBV2     | 718            | 954           | 0.13%           | 0.014%        |
| 8         | 3.911       | 385           | 395         | 405          | rVV2     | 79185          | 200831        | 26.39%          | 2.924%        |
| 9         | 4.023       | 412           | 414         | 419          | rVV2     | 1406           | 2025          | 0.27%           | 0.029%        |
| 10        | 4.146       | 432           | 435         | 437          | rBV2     | 1028           | 984           | 0.13%           | 0.014%        |
| 11        | 4.199       | 442           | 444         | 447          | rBV2     | 464            | 674           | 0.09%           | 0.010%        |
| 12        | 4.711       | 528           | 531         | 534          | rVB      | 623            | 706           | 0.09%           | 0.010%        |
| 13        | 4.799       | 534           | 546         | 557          | rBV2     | 37023          | 111668        | 14.67%          | 1.626%        |
| 14        | 5.075       | 591           | 593         | 595          | rVB2     | 1229           | 968           | 0.13%           | 0.014%        |
| 15        | 5.105       | 595           | 598         | 600          | rBV2     | 843            | 907           | 0.12%           | 0.013%        |
| 16        | 5.140       | 600           | 604         | 605          | rBV2     | 699            | 750           | 0.10%           | 0.011%        |
| 17        | 5.211       | 612           | 616         | 619          | rBV2     | 615            | 974           | 0.13%           | 0.014%        |
| 18        | 5.322       | 632           | 635         | 638          | rBV2     | 714            | 840           | 0.11%           | 0.012%        |
| 19        | 5.469       | 658           | 660         | 663          | rVB2     | 628            | 683           | 0.09%           | 0.010%        |
| 20        | 5.658       | 690           | 692         | 694          | rVB2     | 834            | 688           | 0.09%           | 0.010%        |
| 21        | 5.834       | 712           | 722         | 725          | rBV4     | 5954           | 13624         | 1.79%           | 0.198%        |
| 22        | 5.917       | 732           | 736         | 738          | rBV2     | 655            | 698           | 0.09%           | 0.010%        |
| 23        | 6.117       | 767           | 770         | 774          | rVB2     | 748            | 700           | 0.09%           | 0.010%        |
| 24        | 6.158       | 774           | 777         | 779          | rBV      | 522            | 674           | 0.09%           | 0.010%        |
| 25        | 6.346       | 807           | 809         | 813          | rBV2     | 935            | 1079          | 0.14%           | 0.016%        |
| 26        | 6.775       | 880           | 882         | 886          | rVV2     | 820            | 986           | 0.13%           | 0.014%        |
| 27        | 6.881       | 896           | 900         | 902          | rBV2     | 747            | 1070          | 0.14%           | 0.016%        |
| 28        | 6.987       | 909           | 918         | 926          | rBV2     | 22722          | 69067         | 9.07%           | 1.006%        |
| 29        | 7.069       | 926           | 932         | 944          | rVB      | 26772          | 77380         | 10.17%          | 1.127%        |
| 30        | 7.269       | 964           | 966         | 972          | rVB2     | 1094           | 1576          | 0.21%           | 0.023%        |
| 31        | 7.364       | 979           | 982         | 988          | rVB2     | 870            | 1728          | 0.23%           | 0.025%        |
| 32        | 7.452       | 995           | 997         | 999          | rBV2     | 1250           | 669           | 0.09%           | 0.010%        |
| 33        | 7.564       | 1007          | 1016        | 1028         | rBV      | 141880         | 356950        | 46.90%          | 5.197%        |
| 34        | 7.822       | 1059          | 1060        | 1063         | rVV      | 768            | 701           | 0.09%           | 0.010%        |
| 35        | 7.958       | 1079          | 1083        | 1085         | rBV2     | 624            | 822           | 0.11%           | 0.012%        |
| 36        | 8.099       | 1106          | 1107        | 1111         | rVV      | 916            | 681           | 0.09%           | 0.010%        |

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 DCHW4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Start Thrs: 0.2

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Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 8.205  | 1114 | 1125 | 1139 | rVV3 | 249270 | 761105 | 100.00% | 11.081% |
| 38 | 8.293  | 1139 | 1140 | 1142 | rVV  | 1819   | 848    | 0.11%   | 0.012%  |
| 39 | 8.322  | 1142 | 1145 | 1146 | rVB  | 1690   | 1292   | 0.17%   | 0.019%  |
| 40 | 8.346  | 1146 | 1149 | 1151 | rBV2 | 1150   | 1369   | 0.18%   | 0.020%  |
| 41 | 8.475  | 1169 | 1171 | 1173 | rVB2 | 690    | 672    | 0.09%   | 0.010%  |
| 42 | 8.505  | 1173 | 1176 | 1177 | rBV2 | 803    | 921    | 0.12%   | 0.013%  |
| 43 | 8.775  | 1211 | 1222 | 1233 | rBV  | 271792 | 535175 | 70.32%  | 7.792%  |
| 44 | 8.934  | 1246 | 1249 | 1250 | rBV2 | 931    | 726    | 0.10%   | 0.011%  |
| 45 | 8.969  | 1254 | 1255 | 1257 | rVV  | 1222   | 753    | 0.10%   | 0.011%  |
| 46 | 9.028  | 1260 | 1265 | 1268 | rBV3 | 1725   | 2887   | 0.38%   | 0.042%  |
| 47 | 9.210  | 1288 | 1296 | 1306 | rBV  | 182331 | 367534 | 48.29%  | 5.351%  |
| 48 | 9.352  | 1318 | 1320 | 1325 | rVB2 | 900    | 980    | 0.13%   | 0.014%  |
| 49 | 9.440  | 1333 | 1335 | 1338 | rVB  | 1052   | 796    | 0.10%   | 0.012%  |
| 50 | 9.481  | 1340 | 1342 | 1344 | rVB  | 977    | 762    | 0.10%   | 0.011%  |
| 51 | 9.534  | 1350 | 1351 | 1357 | rVB  | 721    | 1070   | 0.14%   | 0.016%  |
| 52 | 9.599  | 1359 | 1362 | 1368 | rVB2 | 2370   | 3658   | 0.48%   | 0.053%  |
| 53 | 9.740  | 1382 | 1386 | 1388 | rBV2 | 845    | 814    | 0.11%   | 0.012%  |
| 54 | 9.769  | 1388 | 1391 | 1392 | rVV2 | 1113   | 824    | 0.11%   | 0.012%  |
| 55 | 9.787  | 1392 | 1394 | 1396 | rVV  | 1036   | 851    | 0.11%   | 0.012%  |
| 56 | 9.905  | 1412 | 1414 | 1417 | rBV2 | 813    | 966    | 0.13%   | 0.014%  |
| 57 | 9.975  | 1418 | 1426 | 1435 | rVV  | 88200  | 166769 | 21.91%  | 2.428%  |
| 58 | 10.269 | 1469 | 1476 | 1485 | rBV  | 347706 | 610676 | 80.24%  | 8.891%  |
| 59 | 10.528 | 1513 | 1520 | 1527 | rBV2 | 60202  | 104864 | 13.78%  | 1.527%  |
| 60 | 10.663 | 1536 | 1543 | 1550 | rVV2 | 29374  | 52649  | 6.92%   | 0.767%  |
| 61 | 10.799 | 1564 | 1566 | 1568 | rBV  | 2186   | 1469   | 0.19%   | 0.021%  |
| 62 | 10.881 | 1573 | 1580 | 1592 | rVB  | 90245  | 162437 | 21.34%  | 2.365%  |
| 63 | 11.028 | 1600 | 1605 | 1612 | rVB  | 21587  | 33727  | 4.43%   | 0.491%  |
| 64 | 11.128 | 1621 | 1622 | 1626 | rBV3 | 1725   | 1367   | 0.18%   | 0.020%  |
| 65 | 11.404 | 1665 | 1669 | 1675 | rBV2 | 3209   | 5355   | 0.70%   | 0.078%  |
| 66 | 11.504 | 1684 | 1686 | 1689 | rVB2 | 723    | 769    | 0.10%   | 0.011%  |
| 67 | 11.581 | 1692 | 1699 | 1712 | rVV  | 416902 | 712539 | 93.62%  | 10.374% |
| 68 | 11.681 | 1714 | 1716 | 1720 | rVB2 | 1440   | 1165   | 0.15%   | 0.017%  |
| 69 | 11.793 | 1731 | 1735 | 1738 | rVB2 | 706    | 1117   | 0.15%   | 0.016%  |
| 70 | 12.128 | 1790 | 1792 | 1798 | rVV4 | 1233   | 1762   | 0.23%   | 0.026%  |
| 71 | 12.322 | 1824 | 1825 | 1828 | rVB2 | 960    | 744    | 0.10%   | 0.011%  |
| 72 | 12.351 | 1828 | 1830 | 1831 | rBV2 | 1130   | 672    | 0.09%   | 0.010%  |
| 73 | 12.581 | 1863 | 1869 | 1874 | rBV2 | 18131  | 30734  | 4.04%   | 0.447%  |
| 74 | 12.651 | 1874 | 1881 | 1889 | rVB  | 175766 | 287067 | 37.72%  | 4.179%  |
| 75 | 12.710 | 1889 | 1891 | 1894 | rBV  | 1043   | 1179   | 0.15%   | 0.017%  |
| 76 | 12.904 | 1921 | 1924 | 1928 | rVB5 | 2958   | 3098   | 0.41%   | 0.045%  |

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCHW4

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\_D\Method\SFAMDLM080323SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 12.981 | 1935 | 1937 | 1938 | rBV  | 707    | 704    | 0.09%  | 0.010%  |
| 78  | 13.081 | 1952 | 1954 | 1957 | rBV2 | 953    | 1127   | 0.15%  | 0.016%  |
| 79  | 13.157 | 1963 | 1967 | 1969 | rBV4 | 1998   | 2798   | 0.37%  | 0.041%  |
| 80  | 13.210 | 1972 | 1976 | 1981 | rBV2 | 1680   | 2666   | 0.35%  | 0.039%  |
| 81  | 13.263 | 1983 | 1985 | 1991 | rVB3 | 2957   | 4111   | 0.54%  | 0.060%  |
| 82  | 13.516 | 2021 | 2028 | 2035 | rBV  | 427345 | 691843 | 90.90% | 10.073% |
| 83  | 13.610 | 2042 | 2044 | 2049 | rVB4 | 4795   | 6262   | 0.82%  | 0.091%  |
| 84  | 13.651 | 2049 | 2051 | 2054 | rBV2 | 1390   | 935    | 0.12%  | 0.014%  |
| 85  | 13.728 | 2062 | 2064 | 2067 | rBV3 | 2149   | 2832   | 0.37%  | 0.041%  |
| 86  | 13.816 | 2071 | 2079 | 2086 | rBV  | 334732 | 554693 | 72.88% | 8.076%  |
| 87  | 14.046 | 2112 | 2118 | 2125 | rBV5 | 8122   | 14577  | 1.92%  | 0.212%  |
| 88  | 14.122 | 2127 | 2131 | 2134 | rBV2 | 955    | 1215   | 0.16%  | 0.018%  |
| 89  | 14.563 | 2204 | 2206 | 2208 | rBV3 | 1198   | 785    | 0.10%  | 0.011%  |
| 90  | 14.681 | 2223 | 2226 | 2227 | rBV2 | 1487   | 1422   | 0.19%  | 0.021%  |
| 91  | 14.698 | 2227 | 2229 | 2232 | rVV  | 1277   | 1390   | 0.18%  | 0.020%  |
| 92  | 15.134 | 2301 | 2303 | 2304 | rBV2 | 1262   | 772    | 0.10%  | 0.011%  |
| 93  | 15.257 | 2323 | 2324 | 2325 | rBV  | 2122   | 815    | 0.11%  | 0.012%  |
| 94  | 15.304 | 2330 | 2332 | 2333 | rBV  | 1372   | 1018   | 0.13%  | 0.015%  |
| 95  | 15.387 | 2344 | 2346 | 2347 | rBV  | 1564   | 1065   | 0.14%  | 0.016%  |
| 96  | 15.410 | 2347 | 2350 | 2354 | rVB3 | 4523   | 5877   | 0.77%  | 0.086%  |
| 97  | 15.675 | 2394 | 2395 | 2397 | rBV2 | 1575   | 851    | 0.11%  | 0.012%  |
| 98  | 16.422 | 2520 | 2522 | 2524 | rBV2 | 1299   | 753    | 0.10%  | 0.011%  |
| 99  | 16.604 | 2552 | 2553 | 2555 | rBV  | 1704   | 1273   | 0.17%  | 0.019%  |
| 100 | 16.763 | 2579 | 2580 | 2581 | rBV  | 1935   | 955    | 0.13%  | 0.014%  |

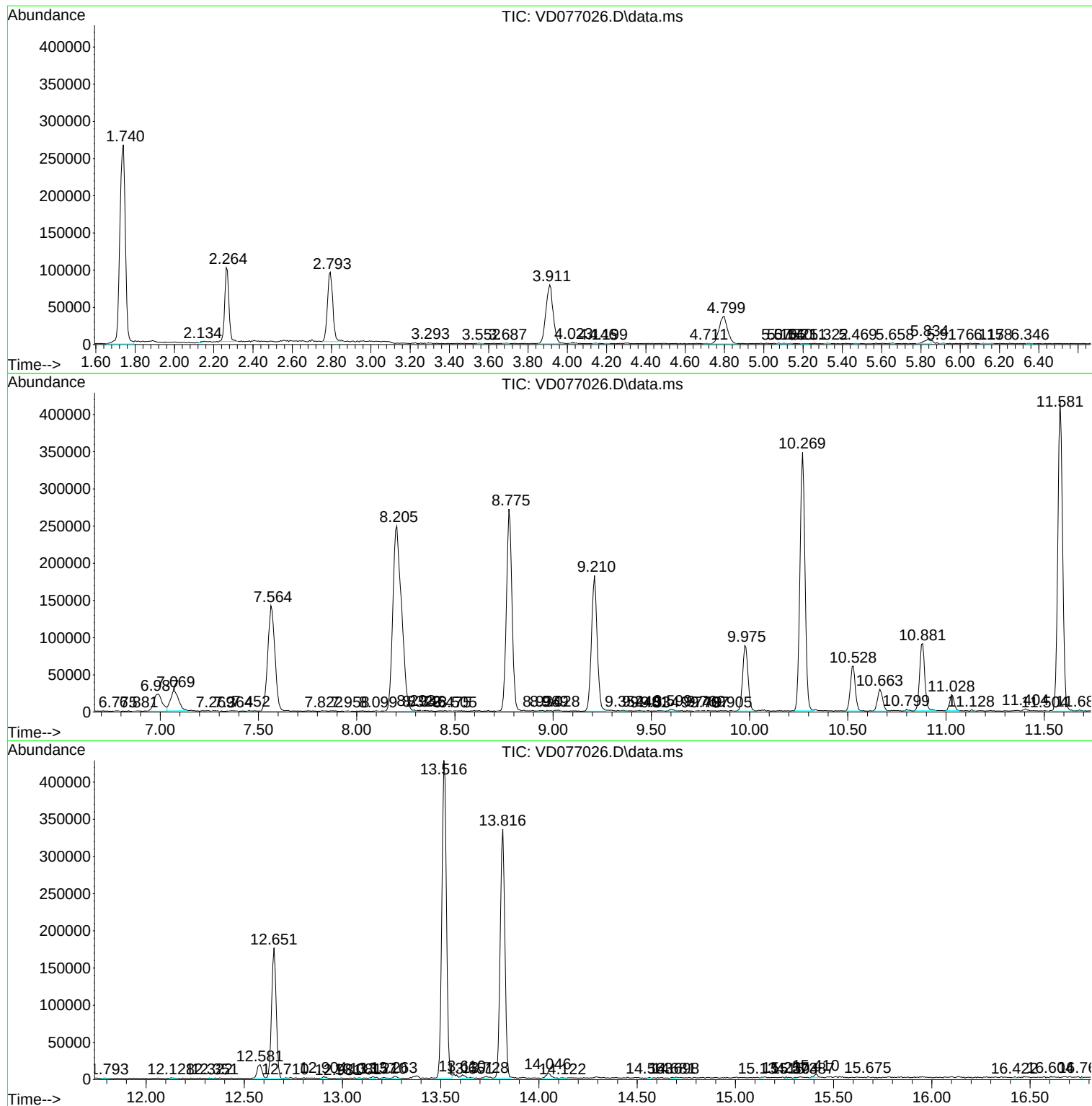
Sum of corrected areas: 6868627

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD082523\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM080323SMA.M  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

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