

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF100518\  
 Data File : FF002350.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Oct 2018 14:28  
 Sample : J5199-01 2X  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF100118.M  
 Title :

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.389       | 4.362        | 4.410      | BH       | 11982          | 108974       | 7.15%          | 0.293%        |
| 2         | 4.430       | 4.410        | 4.449      | PH       | 831            | 5148         | 0.34%          | 0.014%        |
| 3         | 4.459       | 4.449        | 4.486      | PH       | 411            | 2010         | 0.13%          | 0.005%        |
| 4         | 4.492       | 4.486        | 4.519      | PH       | -28            | -3341        | -0.22%         | -0.009%       |
| 5         | 4.536       | 4.519        | 4.575      | PH       | 1746           | 19981        | 1.31%          | 0.054%        |
| 6         | 4.591       | 4.575        | 4.605      | HH       | 963            | 11385        | 0.75%          | 0.031%        |
| 7         | 4.613       | 4.605        | 4.630      | HH       | 757            | 7184         | 0.47%          | 0.019%        |
| 8         | 4.644       | 4.630        | 4.660      | HH       | 2805           | 22708        | 1.49%          | 0.061%        |
| 9         | 4.672       | 4.660        | 4.686      | HH       | 1917           | 16085        | 1.06%          | 0.043%        |
| 10        | 4.698       | 4.686        | 4.710      | HH       | 791            | 7967         | 0.52%          | 0.021%        |
| 11        | 4.721       | 4.710        | 4.735      | HH       | 979            | 8300         | 0.54%          | 0.022%        |
| 12        | 4.765       | 4.735        | 4.781      | HH       | 1419           | 13884        | 0.91%          | 0.037%        |
| 13        | 4.804       | 4.781        | 4.827      | PH       | 1307           | 13732        | 0.90%          | 0.037%        |
| 14        | 4.842       | 4.827        | 4.850      | PH       | 737            | 5693         | 0.37%          | 0.015%        |
| 15        | 4.863       | 4.850        | 4.891      | HH       | 1249           | 9048         | 0.59%          | 0.024%        |
| 16        | 4.915       | 4.891        | 4.928      | PH       | 363            | 733          | 0.05%          | 0.002%        |
| 17        | 4.944       | 4.928        | 4.972      | PH       | 577            | 4071         | 0.27%          | 0.011%        |
| 18        | 5.000       | 4.972        | 5.015      | PH       | 1809           | 13901        | 0.91%          | 0.037%        |
| 19        | 5.031       | 5.015        | 5.054      | HH       | 2159           | 20559        | 1.35%          | 0.055%        |
| 20        | 5.070       | 5.054        | 5.097      | PH       | 2435           | 23360        | 1.53%          | 0.063%        |
| 21        | 5.108       | 5.097        | 5.118      | HH       | 727            | 5306         | 0.35%          | 0.014%        |
| 22        | 5.132       | 5.118        | 5.174      | HH       | 2509           | 18905        | 1.24%          | 0.051%        |
| 23        | 5.190       | 5.174        | 5.212      | PH       | -150           | -5664        | -0.37%         | -0.015%       |
| 24        | 5.230       | 5.212        | 5.258      | PH       | 834            | 9453         | 0.62%          | 0.025%        |
| 25        | 5.267       | 5.258        | 5.277      | HH       | 179            | 1448         | 0.10%          | 0.004%        |
| 26        | 5.292       | 5.277        | 5.307      | HH       | 559            | 5050         | 0.33%          | 0.014%        |
| 27        | 5.320       | 5.307        | 5.333      | PH       | 620            | 3706         | 0.24%          | 0.010%        |
| 28        | 5.352       | 5.333        | 5.368      | PH       | 271            | 1770         | 0.12%          | 0.005%        |
| 29        | 5.380       | 5.368        | 5.399      | PH       | 232            | -1122        | -0.07%         | -0.003%       |
| 30        | 5.428       | 5.399        | 5.448      | PH       | 15243          | 140239       | 9.20%          | 0.377%        |
| 31        | 5.456       | 5.448        | 5.489      | HH       | 975            | 10165        | 0.67%          | 0.027%        |
| 32        | 5.499       | 5.489        | 5.514      | PH       | -61            | -3052        | -0.20%         | -0.008%       |
| 33        | 5.518       | 5.514        | 5.533      | PH       | -266           | -3686        | -0.24%         | -0.010%       |
| 34        | 5.547       | 5.533        | 5.565      | PH       | -102           | -4305        | -0.28%         | -0.012%       |
| 35        | 5.613       | 5.565        | 5.637      | PH       | 1094           | 6046         | 0.40%          | 0.016%        |
| 36        | 5.645       | 5.637        | 5.655      | PH       | -168           | -2550        | -0.17%         | -0.007%       |

|    |       |       |       |    | rteres.txt |        |        |         |  |
|----|-------|-------|-------|----|------------|--------|--------|---------|--|
| 37 | 5.678 | 5.655 | 5.693 | PH | 58         | -2617  | -0.17% | -0.007% |  |
| 38 | 5.726 | 5.693 | 5.754 | PH | 1400       | 16582  | 1.09%  | 0.045%  |  |
| 39 | 5.765 | 5.754 | 5.787 | PH | 148        | -47    | -0.00% | -0.000% |  |
| 40 | 5.799 | 5.787 | 5.819 | PH | 249        | -2077  | -0.14% | -0.006% |  |
| 41 | 5.840 | 5.819 | 5.864 | PH | -159       | -8629  | -0.57% | -0.023% |  |
| 42 | 5.882 | 5.864 | 5.907 | PH | 188        | -6382  | -0.42% | -0.017% |  |
| 43 | 5.932 | 5.907 | 5.953 | PH | 122        | -5320  | -0.35% | -0.014% |  |
| 44 | 5.975 | 5.953 | 6.011 | PH | 2449       | 21720  | 1.43%  | 0.058%  |  |
| 45 | 6.025 | 6.011 | 6.042 | PH | 397        | -1204  | -0.08% | -0.003% |  |
| 46 | 6.069 | 6.042 | 6.091 | PH | 548        | -1193  | -0.08% | -0.003% |  |
| 47 | 6.130 | 6.091 | 6.184 | PH | 965        | -4792  | -0.31% | -0.013% |  |
| 48 | 6.192 | 6.184 | 6.208 | PH | -253       | -5249  | -0.34% | -0.014% |  |
| 49 | 6.219 | 6.208 | 6.230 | PH | -285       | -4544  | -0.30% | -0.012% |  |
| 50 | 6.253 | 6.230 | 6.274 | PH | 252        | -3194  | -0.21% | -0.009% |  |
| 51 | 6.288 | 6.274 | 6.307 | PH | -210       | -6084  | -0.40% | -0.016% |  |
| 52 | 6.338 | 6.307 | 6.353 | PH | -191       | -8770  | -0.58% | -0.024% |  |
| 53 | 6.356 | 6.353 | 6.377 | PH | -293       | -5263  | -0.35% | -0.014% |  |
| 54 | 6.409 | 6.377 | 6.463 | PH | 3590       | 16064  | 1.05%  | 0.043%  |  |
| 55 | 6.471 | 6.463 | 6.475 | PH | -530       | -4147  | -0.27% | -0.011% |  |
| 56 | 6.485 | 6.475 | 6.496 | PH | -455       | -6535  | -0.43% | -0.018% |  |
| 57 | 6.527 | 6.496 | 6.542 | PH | 571        | -3639  | -0.24% | -0.010% |  |
| 58 | 6.558 | 6.542 | 6.578 | PH | 321        | -3836  | -0.25% | -0.010% |  |
| 59 | 6.605 | 6.578 | 6.645 | PH | -287       | -19256 | -1.26% | -0.052% |  |
| 60 | 6.661 | 6.645 | 6.666 | PH | -454       | -6490  | -0.43% | -0.017% |  |
| 61 | 6.669 | 6.666 | 6.673 | PH | -440       | -2082  | -0.14% | -0.006% |  |
| 62 | 6.686 | 6.673 | 6.705 | PH | -247       | -8569  | -0.56% | -0.023% |  |
| 63 | 6.728 | 6.705 | 6.761 | PH | -204       | -14504 | -0.95% | -0.039% |  |
| 64 | 6.769 | 6.761 | 6.791 | PH | -439       | -9654  | -0.63% | -0.026% |  |
| 65 | 6.807 | 6.791 | 6.837 | PH | 6          | -9951  | -0.65% | -0.027% |  |
| 66 | 6.850 | 6.837 | 6.864 | PH | -403       | -8477  | -0.56% | -0.023% |  |
| 67 | 6.878 | 6.864 | 6.890 | PH | -242       | -6062  | -0.40% | -0.016% |  |
| 68 | 6.908 | 6.890 | 6.920 | PH | -201       | -5133  | -0.34% | -0.014% |  |
| 69 | 6.929 | 6.920 | 6.950 | PH | -135       | -5098  | -0.33% | -0.014% |  |
| 70 | 6.968 | 6.950 | 6.992 | PH | -33        | -7297  | -0.48% | -0.020% |  |
| 71 | 7.030 | 6.992 | 7.053 | PH | 3237       | 25328  | 1.66%  | 0.068%  |  |
| 72 | 7.067 | 7.053 | 7.092 | PH | -100       | -6982  | -0.46% | -0.019% |  |
| 73 | 7.112 | 7.092 | 7.143 | PH | 118        | -7799  | -0.51% | -0.021% |  |
| 74 | 7.164 | 7.143 | 7.189 | PH | 3197       | 20878  | 1.37%  | 0.056%  |  |
| 75 | 7.203 | 7.189 | 7.233 | PH | -244       | -10365 | -0.68% | -0.028% |  |
| 76 | 7.238 | 7.233 | 7.244 | PH | -403       | -2975  | -0.20% | -0.008% |  |
| 77 | 7.250 | 7.244 | 7.267 | PH | -416       | -6929  | -0.45% | -0.019% |  |
| 78 | 7.284 | 7.267 | 7.296 | PH | -375       | -7804  | -0.51% | -0.021% |  |
| 79 | 7.331 | 7.296 | 7.367 | PH | 1628       | 3330   | 0.22%  | 0.009%  |  |
| 80 | 7.385 | 7.367 | 7.400 | PH | -348       | -8648  | -0.57% | -0.023% |  |
| 81 | 7.420 | 7.400 | 7.439 | PH | -401       | -11150 | -0.73% | -0.030% |  |
| 82 | 7.449 | 7.439 | 7.454 | PH | -457       | -4469  | -0.29% | -0.012% |  |
| 83 | 7.458 | 7.454 | 7.486 | PH | -474       | -10445 | -0.69% | -0.028% |  |
| 84 | 7.505 | 7.486 | 7.539 | PH | -22        | -12047 | -0.79% | -0.032% |  |
| 85 | 7.554 | 7.539 | 7.582 | PH | -354       | -13112 | -0.86% | -0.035% |  |
| 86 | 7.618 | 7.582 | 7.639 | PH | -165       | -14051 | -0.92% | -0.038% |  |
| 87 | 7.664 | 7.639 | 7.683 | PH | -337       | -11441 | -0.75% | -0.031% |  |
| 88 | 7.697 | 7.683 | 7.709 | PH | -370       | -6625  | -0.43% | -0.018% |  |
| 89 | 7.752 | 7.709 | 7.770 | PH | 848        | 985    | 0.06%  | 0.003%  |  |

|     |       |       |       |    |            |        |        |         |
|-----|-------|-------|-------|----|------------|--------|--------|---------|
|     |       |       |       |    | rteres.txt |        |        |         |
| 90  | 7.784 | 7.770 | 7.802 | PH | 282        | -204   | -0.01% | -0.001% |
| 91  | 7.806 | 7.802 | 7.835 | PH | -75        | -5804  | -0.38% | -0.016% |
| 92  | 7.851 | 7.835 | 7.873 | PH | -5         | -6773  | -0.44% | -0.018% |
| 93  | 7.907 | 7.873 | 7.943 | PH | 692        | 2153   | 0.14%  | 0.006%  |
| 94  | 7.957 | 7.943 | 7.970 | PH | 159        | -460   | -0.03% | -0.001% |
| 95  | 7.980 | 7.970 | 7.986 | PH | -115       | -1642  | -0.11% | -0.004% |
| 96  | 8.006 | 7.986 | 8.010 | PH | 1279       | 7803   | 0.51%  | 0.021%  |
| 97  | 8.021 | 8.010 | 8.067 | HH | 1925       | 14674  | 0.96%  | 0.039%  |
| 98  | 8.091 | 8.067 | 8.100 | PH | 142        | -897   | -0.06% | -0.002% |
| 99  | 8.124 | 8.100 | 8.140 | HH | 4195       | 43480  | 2.85%  | 0.117%  |
| 100 | 8.152 | 8.140 | 8.167 | HH | 2294       | 21892  | 1.44%  | 0.059%  |
| 101 | 8.180 | 8.167 | 8.187 | HH | 885        | 8384   | 0.55%  | 0.023%  |
| 102 | 8.202 | 8.187 | 8.228 | HH | 2647       | 26139  | 1.72%  | 0.070%  |
| 103 | 8.258 | 8.228 | 8.285 | PH | 21284      | 221212 | 14.52% | 0.594%  |
| 104 | 8.307 | 8.285 | 8.349 | HH | 6318       | 74446  | 4.89%  | 0.200%  |
| 105 | 8.364 | 8.349 | 8.379 | PH | 291        | 1097   | 0.07%  | 0.003%  |
| 106 | 8.398 | 8.379 | 8.415 | PH | 974        | 6680   | 0.44%  | 0.018%  |
| 107 | 8.428 | 8.415 | 8.469 | PH | 233        | -3515  | -0.23% | -0.009% |
| 108 | 8.497 | 8.469 | 8.516 | PH | -209       | -9464  | -0.62% | -0.025% |
| 109 | 8.526 | 8.516 | 8.538 | PH | -318       | -4521  | -0.30% | -0.012% |
| 110 | 8.559 | 8.538 | 8.580 | PH | 232        | 90     | 0.01%  | 0.000%  |
| 111 | 8.603 | 8.580 | 8.628 | PH | 6281       | 60133  | 3.95%  | 0.161%  |
| 112 | 8.666 | 8.628 | 8.687 | PH | 1123       | 21976  | 1.44%  | 0.059%  |
| 113 | 8.738 | 8.687 | 8.779 | HH | 1260       | 20125  | 1.32%  | 0.054%  |
| 114 | 8.792 | 8.779 | 8.812 | PH | 322        | 1174   | 0.08%  | 0.003%  |
| 115 | 8.843 | 8.812 | 8.858 | PH | 1427       | 18146  | 1.19%  | 0.049%  |
| 116 | 8.875 | 8.858 | 8.899 | HH | 2954       | 31704  | 2.08%  | 0.085%  |
| 117 | 8.919 | 8.899 | 8.955 | PH | 1564       | 28053  | 1.84%  | 0.075%  |
| 118 | 8.967 | 8.955 | 8.983 | HH | 684        | 7442   | 0.49%  | 0.020%  |
| 119 | 9.021 | 8.983 | 9.040 | HH | 3954       | 54992  | 3.61%  | 0.148%  |
| 120 | 9.053 | 9.040 | 9.072 | HH | 2032       | 21771  | 1.43%  | 0.058%  |
| 121 | 9.078 | 9.072 | 9.093 | HH | 250        | 1940   | 0.13%  | 0.005%  |
| 122 | 9.109 | 9.093 | 9.137 | PH | 492        | 4754   | 0.31%  | 0.013%  |
| 123 | 9.168 | 9.137 | 9.185 | PH | 1964       | 21020  | 1.38%  | 0.056%  |
| 124 | 9.200 | 9.185 | 9.235 | HH | 1502       | 21416  | 1.41%  | 0.058%  |
| 125 | 9.251 | 9.235 | 9.269 | HH | 944        | 10584  | 0.69%  | 0.028%  |
| 126 | 9.283 | 9.269 | 9.289 | HH | 732        | 6398   | 0.42%  | 0.017%  |
| 127 | 9.304 | 9.289 | 9.328 | HH | 1643       | 20428  | 1.34%  | 0.055%  |
| 128 | 9.348 | 9.328 | 9.365 | HH | 850        | 11254  | 0.74%  | 0.030%  |
| 129 | 9.386 | 9.365 | 9.442 | HH | 6515       | 100697 | 6.61%  | 0.270%  |
| 130 | 9.467 | 9.442 | 9.499 | HH | 1977       | 37125  | 2.44%  | 0.100%  |
| 131 | 9.534 | 9.499 | 9.554 | HH | 2000       | 38160  | 2.50%  | 0.102%  |
| 132 | 9.567 | 9.554 | 9.578 | HH | 1048       | 13389  | 0.88%  | 0.036%  |
| 133 | 9.595 | 9.578 | 9.615 | HH | 1405       | 20931  | 1.37%  | 0.056%  |
| 134 | 9.644 | 9.615 | 9.689 | HH | 879        | 19959  | 1.31%  | 0.054%  |
| 135 | 9.709 | 9.689 | 9.725 | HH | 1545       | 22676  | 1.49%  | 0.061%  |
| 136 | 9.738 | 9.725 | 9.750 | HH | 997        | 13557  | 0.89%  | 0.036%  |
| 137 | 9.762 | 9.750 | 9.778 | HH | 957        | 11981  | 0.79%  | 0.032%  |
| 138 | 9.803 | 9.778 | 9.852 | HH | 5936       | 87515  | 5.74%  | 0.235%  |
| 139 | 9.875 | 9.852 | 9.893 | HH | 782        | 13973  | 0.92%  | 0.038%  |
| 140 | 9.905 | 9.893 | 9.941 | HH | 786        | 13445  | 0.88%  | 0.036%  |
| 141 | 9.973 | 9.941 | 9.995 | HH | 768        | 14458  | 0.95%  | 0.039%  |

|     |        |        |        |    | rteres.txt |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
| 142 | 10.005 | 9.995  | 10.025 | HH | 305        | 4026   | 0.26%  | 0.011% |
| 143 | 10.039 | 10.025 | 10.057 | HH | 248        | 4028   | 0.26%  | 0.011% |
| 144 | 10.061 | 10.057 | 10.063 | HH | 314        | 1019   | 0.07%  | 0.003% |
| 145 | 10.076 | 10.063 | 10.096 | HH | 570        | 7694   | 0.50%  | 0.021% |
| 146 | 10.104 | 10.096 | 10.112 | HH | 343        | 2736   | 0.18%  | 0.007% |
| 147 | 10.133 | 10.112 | 10.167 | HH | 1249       | 27211  | 1.79%  | 0.073% |
| 148 | 10.190 | 10.167 | 10.213 | HH | 2542       | 41608  | 2.73%  | 0.112% |
| 149 | 10.239 | 10.213 | 10.252 | HH | 2317       | 35976  | 2.36%  | 0.097% |
| 150 | 10.268 | 10.252 | 10.289 | HH | 2939       | 46984  | 3.08%  | 0.126% |
| 151 | 10.308 | 10.289 | 10.325 | HH | 2418       | 36268  | 2.38%  | 0.097% |
| 152 | 10.336 | 10.325 | 10.352 | HH | 1324       | 17333  | 1.14%  | 0.047% |
| 153 | 10.357 | 10.352 | 10.361 | HH | 803        | 4102   | 0.27%  | 0.011% |
| 154 | 10.385 | 10.361 | 10.414 | HH | 2247       | 46615  | 3.06%  | 0.125% |
| 155 | 10.435 | 10.414 | 10.479 | HH | 2927       | 66838  | 4.39%  | 0.179% |
| 156 | 10.491 | 10.479 | 10.507 | HH | 1545       | 21803  | 1.43%  | 0.059% |
| 157 | 10.541 | 10.507 | 10.569 | HH | 5929       | 108244 | 7.10%  | 0.291% |
| 158 | 10.590 | 10.569 | 10.602 | HH | 3719       | 54503  | 3.58%  | 0.146% |
| 159 | 10.613 | 10.602 | 10.648 | HH | 3403       | 62553  | 4.11%  | 0.168% |
| 160 | 10.661 | 10.648 | 10.675 | HH | 1402       | 21425  | 1.41%  | 0.058% |
| 161 | 10.687 | 10.675 | 10.703 | HH | 1384       | 19258  | 1.26%  | 0.052% |
| 162 | 10.714 | 10.703 | 10.719 | HH | 929        | 8997   | 0.59%  | 0.024% |
| 163 | 10.729 | 10.719 | 10.742 | HH | 1115       | 13574  | 0.89%  | 0.036% |
| 164 | 10.757 | 10.742 | 10.762 | HH | 1760       | 17363  | 1.14%  | 0.047% |
| 165 | 10.786 | 10.762 | 10.818 | HH | 37525      | 418551 | 27.47% | 1.124% |
| 166 | 10.822 | 10.818 | 10.830 | HH | 1504       | 9929   | 0.65%  | 0.027% |
| 167 | 10.861 | 10.830 | 10.905 | HH | 11335      | 172591 | 11.33% | 0.463% |
| 168 | 10.932 | 10.905 | 10.945 | HH | 1825       | 37729  | 2.48%  | 0.101% |
| 169 | 10.956 | 10.945 | 10.980 | HH | 1685       | 29726  | 1.95%  | 0.080% |
| 170 | 10.998 | 10.980 | 11.017 | HH | 1633       | 29582  | 1.94%  | 0.079% |
| 171 | 11.027 | 11.017 | 11.033 | HH | 1368       | 12260  | 0.80%  | 0.033% |
| 172 | 11.048 | 11.033 | 11.055 | HH | 1469       | 18537  | 1.22%  | 0.050% |
| 173 | 11.074 | 11.055 | 11.119 | HH | 3807       | 80658  | 5.29%  | 0.217% |
| 174 | 11.147 | 11.119 | 11.159 | HH | 1792       | 35098  | 2.30%  | 0.094% |
| 175 | 11.178 | 11.159 | 11.201 | HH | 2091       | 44559  | 2.92%  | 0.120% |
| 176 | 11.212 | 11.201 | 11.223 | HH | 2017       | 24433  | 1.60%  | 0.066% |
| 177 | 11.244 | 11.223 | 11.266 | HH | 6469       | 96094  | 6.31%  | 0.258% |
| 178 | 11.276 | 11.266 | 11.285 | HH | 2260       | 25211  | 1.65%  | 0.068% |
| 179 | 11.309 | 11.285 | 11.322 | HH | 4326       | 76104  | 4.99%  | 0.204% |
| 180 | 11.331 | 11.322 | 11.362 | HH | 4142       | 68293  | 4.48%  | 0.183% |
| 181 | 11.389 | 11.362 | 11.414 | HH | 2326       | 54204  | 3.56%  | 0.146% |
| 182 | 11.439 | 11.414 | 11.461 | HH | 4122       | 72041  | 4.73%  | 0.193% |
| 183 | 11.479 | 11.461 | 11.499 | HH | 2410       | 44009  | 2.89%  | 0.118% |
| 184 | 11.537 | 11.499 | 11.559 | HH | 2370       | 68179  | 4.47%  | 0.183% |
| 185 | 11.589 | 11.559 | 11.604 | HH | 9136       | 134537 | 8.83%  | 0.361% |
| 186 | 11.619 | 11.604 | 11.649 | HH | 10317      | 142502 | 9.35%  | 0.383% |
| 187 | 11.653 | 11.649 | 11.665 | HH | 2148       | 20195  | 1.33%  | 0.054% |
| 188 | 11.686 | 11.665 | 11.692 | HH | 4763       | 57897  | 3.80%  | 0.155% |
| 189 | 11.704 | 11.692 | 11.720 | HH | 6771       | 84341  | 5.54%  | 0.226% |
| 190 | 11.737 | 11.720 | 11.752 | HH | 7168       | 96458  | 6.33%  | 0.259% |
| 191 | 11.768 | 11.752 | 11.800 | HH | 7674       | 118570 | 7.78%  | 0.318% |
| 192 | 11.810 | 11.800 | 11.827 | HH | 1846       | 27775  | 1.82%  | 0.075% |
| 193 | 11.847 | 11.827 | 11.867 | HH | 2240       | 45891  | 3.01%  | 0.123% |
| 194 | 11.913 | 11.867 | 11.930 | HH | 7143       | 147870 | 9.70%  | 0.397% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 11.941 | 11.930 | 11.965 | HH | 5200       | 81429  | 5.34%  | 0.219% |
| 196 | 11.992 | 11.965 | 12.016 | HH | 3372       | 80499  | 5.28%  | 0.216% |
| 197 | 12.021 | 12.016 | 12.025 | HH | 2226       | 11055  | 0.73%  | 0.030% |
| 198 | 12.030 | 12.025 | 12.034 | HH | 2180       | 12712  | 0.83%  | 0.034% |
| 199 | 12.061 | 12.034 | 12.079 | HH | 4895       | 87572  | 5.75%  | 0.235% |
| 200 | 12.090 | 12.079 | 12.105 | HH | 3038       | 42601  | 2.80%  | 0.114% |
| 201 | 12.123 | 12.105 | 12.140 | HH | 4054       | 68738  | 4.51%  | 0.185% |
| 202 | 12.155 | 12.140 | 12.188 | HH | 11198      | 160659 | 10.54% | 0.431% |
| 203 | 12.207 | 12.188 | 12.224 | HH | 3614       | 70877  | 4.65%  | 0.190% |
| 204 | 12.238 | 12.224 | 12.252 | HH | 3396       | 50550  | 3.32%  | 0.136% |
| 205 | 12.268 | 12.252 | 12.280 | HH | 3431       | 54197  | 3.56%  | 0.146% |
| 206 | 12.290 | 12.280 | 12.302 | HH | 3548       | 43204  | 2.84%  | 0.116% |
| 207 | 12.331 | 12.302 | 12.361 | HH | 4081       | 121886 | 8.00%  | 0.327% |
| 208 | 12.380 | 12.361 | 12.417 | HH | 5655       | 132498 | 8.70%  | 0.356% |
| 209 | 12.436 | 12.417 | 12.457 | HH | 4519       | 84892  | 5.57%  | 0.228% |
| 210 | 12.461 | 12.457 | 12.468 | HH | 3463       | 22439  | 1.47%  | 0.060% |
| 211 | 12.490 | 12.468 | 12.509 | HH | 9762       | 156350 | 10.26% | 0.420% |
| 212 | 12.524 | 12.509 | 12.537 | HH | 5690       | 84383  | 5.54%  | 0.227% |
| 213 | 12.554 | 12.537 | 12.578 | HH | 10645      | 168236 | 11.04% | 0.452% |
| 214 | 12.604 | 12.578 | 12.655 | HH | 45105      | 609013 | 39.97% | 1.635% |
| 215 | 12.668 | 12.655 | 12.680 | HH | 2825       | 40609  | 2.67%  | 0.109% |
| 216 | 12.706 | 12.680 | 12.717 | HH | 3306       | 65490  | 4.30%  | 0.176% |
| 217 | 12.739 | 12.717 | 12.758 | HH | 5854       | 106280 | 6.98%  | 0.285% |
| 218 | 12.767 | 12.758 | 12.777 | HH | 3953       | 42841  | 2.81%  | 0.115% |
| 219 | 12.797 | 12.777 | 12.828 | HH | 5541       | 139965 | 9.19%  | 0.376% |
| 220 | 12.847 | 12.828 | 12.877 | HH | 5299       | 123251 | 8.09%  | 0.331% |
| 221 | 12.902 | 12.877 | 12.932 | HH | 40561      | 526365 | 34.55% | 1.413% |
| 222 | 12.960 | 12.932 | 12.977 | HH | 6517       | 137549 | 9.03%  | 0.369% |
| 223 | 12.992 | 12.977 | 13.026 | HH | 7340       | 151409 | 9.94%  | 0.407% |
| 224 | 13.043 | 13.026 | 13.061 | HH | 4536       | 86536  | 5.68%  | 0.232% |
| 225 | 13.079 | 13.061 | 13.087 | HH | 5089       | 72486  | 4.76%  | 0.195% |
| 226 | 13.096 | 13.087 | 13.130 | HH | 4957       | 109796 | 7.21%  | 0.295% |
| 227 | 13.168 | 13.130 | 13.217 | HH | 11056      | 293842 | 19.29% | 0.789% |
| 228 | 13.239 | 13.217 | 13.260 | HH | 6432       | 135175 | 8.87%  | 0.363% |
| 229 | 13.270 | 13.260 | 13.285 | HH | 4144       | 58806  | 3.86%  | 0.158% |
| 230 | 13.301 | 13.285 | 13.317 | HH | 5654       | 91523  | 6.01%  | 0.246% |
| 231 | 13.335 | 13.317 | 13.342 | HH | 5312       | 73858  | 4.85%  | 0.198% |
| 232 | 13.363 | 13.342 | 13.387 | HH | 7164       | 154288 | 10.13% | 0.414% |
| 233 | 13.405 | 13.387 | 13.432 | HH | 5166       | 129325 | 8.49%  | 0.347% |
| 234 | 13.492 | 13.432 | 13.530 | HH | 13405      | 397671 | 26.10% | 1.068% |
| 235 | 13.561 | 13.530 | 13.577 | HH | 5562       | 145171 | 9.53%  | 0.390% |
| 236 | 13.599 | 13.577 | 13.622 | HH | 9522       | 188383 | 12.36% | 0.506% |
| 237 | 13.639 | 13.622 | 13.659 | HH | 9643       | 159433 | 10.46% | 0.428% |
| 238 | 13.679 | 13.659 | 13.708 | HH | 6130       | 170952 | 11.22% | 0.459% |
| 239 | 13.756 | 13.708 | 13.789 | HH | 12577      | 403038 | 26.45% | 1.082% |
| 240 | 13.810 | 13.789 | 13.836 | HH | 9181       | 188296 | 12.36% | 0.506% |
| 241 | 13.850 | 13.836 | 13.862 | HH | 5178       | 80947  | 5.31%  | 0.217% |
| 242 | 13.882 | 13.862 | 13.905 | HH | 5788       | 139312 | 9.14%  | 0.374% |
| 243 | 13.913 | 13.905 | 13.929 | HH | 5065       | 69500  | 4.56%  | 0.187% |
| 244 | 13.985 | 13.929 | 14.009 | HH | 6195       | 272436 | 17.88% | 0.732% |
| 245 | 14.017 | 14.009 | 14.030 | HH | 5730       | 71113  | 4.67%  | 0.191% |
| 246 | 14.045 | 14.030 | 14.066 | HH | 5915       | 118828 | 7.80%  | 0.319% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 247 | 14.082 | 14.066 | 14.095 | HH | 5885       | 99414   | 6.52%  | 0.267% |
| 248 | 14.114 | 14.095 | 14.120 | HH | 6815       | 92869   | 6.10%  | 0.249% |
| 249 | 14.139 | 14.120 | 14.155 | HH | 7919       | 147584  | 9.69%  | 0.396% |
| 250 | 14.194 | 14.155 | 14.207 | HH | 8037       | 233097  | 15.30% | 0.626% |
| 251 | 14.225 | 14.207 | 14.250 | HH | 10443      | 216537  | 14.21% | 0.581% |
| 252 | 14.259 | 14.250 | 14.284 | HH | 6520       | 130579  | 8.57%  | 0.351% |
| 253 | 14.317 | 14.284 | 14.352 | HH | 13778      | 376969  | 24.74% | 1.012% |
| 254 | 14.408 | 14.352 | 14.426 | HH | 11852      | 403195  | 26.46% | 1.083% |
| 255 | 14.436 | 14.426 | 14.449 | HH | 8704       | 114869  | 7.54%  | 0.308% |
| 256 | 14.470 | 14.449 | 14.491 | HH | 14295      | 256391  | 16.83% | 0.688% |
| 257 | 14.526 | 14.491 | 14.561 | HH | 11680      | 372872  | 24.47% | 1.001% |
| 258 | 14.594 | 14.561 | 14.617 | HH | 8610       | 261438  | 17.16% | 0.702% |
| 259 | 14.655 | 14.617 | 14.692 | HH | 75792      | 1306029 | 85.72% | 3.507% |
| 260 | 14.708 | 14.692 | 14.714 | HH | 8285       | 106799  | 7.01%  | 0.287% |
| 261 | 14.733 | 14.714 | 14.752 | HH | 10773      | 218221  | 14.32% | 0.586% |
| 262 | 14.780 | 14.752 | 14.800 | HH | 32031      | 508323  | 33.36% | 1.365% |
| 263 | 14.821 | 14.800 | 14.841 | HH | 34153      | 491086  | 32.23% | 1.319% |
| 264 | 14.859 | 14.841 | 14.893 | HH | 14945      | 350456  | 23.00% | 0.941% |
| 265 | 14.939 | 14.893 | 14.974 | HH | 14167      | 521293  | 34.21% | 1.400% |
| 266 | 14.988 | 14.974 | 15.002 | HH | 10814      | 172079  | 11.29% | 0.462% |
| 267 | 15.017 | 15.002 | 15.042 | HH | 11499      | 249159  | 16.35% | 0.669% |
| 268 | 15.054 | 15.042 | 15.058 | HH | 9374       | 89903   | 5.90%  | 0.241% |
| 269 | 15.088 | 15.058 | 15.108 | HH | 12129      | 330495  | 21.69% | 0.887% |
| 270 | 15.119 | 15.108 | 15.157 | HH | 11650      | 311490  | 20.44% | 0.836% |
| 271 | 15.167 | 15.157 | 15.180 | HH | 10129      | 137837  | 9.05%  | 0.370% |
| 272 | 15.234 | 15.180 | 15.285 | HH | 38261      | 1062520 | 69.73% | 2.853% |
| 273 | 15.293 | 15.285 | 15.325 | HH | 11019      | 254248  | 16.69% | 0.683% |
| 274 | 15.330 | 15.325 | 15.346 | HH | 10657      | 131233  | 8.61%  | 0.352% |
| 275 | 15.378 | 15.346 | 15.402 | HH | 19004      | 476205  | 31.25% | 1.279% |
| 276 | 15.416 | 15.402 | 15.431 | HH | 12738      | 214632  | 14.09% | 0.576% |
| 277 | 15.455 | 15.431 | 15.476 | HH | 19967      | 421626  | 27.67% | 1.132% |
| 278 | 15.492 | 15.476 | 15.524 | HH | 14913      | 376811  | 24.73% | 1.012% |
| 279 | 15.537 | 15.524 | 15.548 | HH | 12222      | 174057  | 11.42% | 0.467% |
| 280 | 15.567 | 15.548 | 15.580 | HH | 13299      | 249101  | 16.35% | 0.669% |
| 281 | 15.597 | 15.580 | 15.604 | HH | 15527      | 203282  | 13.34% | 0.546% |
| 282 | 15.621 | 15.604 | 15.660 | HH | 16588      | 488912  | 32.09% | 1.313% |
| 283 | 15.699 | 15.660 | 15.728 | HH | 14196      | 532350  | 34.94% | 1.429% |
| 284 | 15.750 | 15.728 | 15.771 | HH | 14613      | 357440  | 23.46% | 0.960% |
| 285 | 15.782 | 15.771 | 15.797 | HH | 14495      | 220730  | 14.49% | 0.593% |
| 286 | 15.806 | 15.797 | 15.825 | HH | 14552      | 239203  | 15.70% | 0.642% |
| 287 | 15.880 | 15.825 | 15.953 | HH | 24840      | 1221520 | 80.17% | 3.280% |
| 288 | 15.961 | 15.953 | 15.970 | HH | 14502      | 144418  | 9.48%  | 0.388% |
| 289 | 15.982 | 15.970 | 15.999 | HH | 14589      | 249422  | 16.37% | 0.670% |
| 290 | 16.064 | 15.999 | 16.087 | HH | 17975      | 815988  | 53.55% | 2.191% |
| 291 | 16.097 | 16.087 | 16.109 | HH | 16435      | 211958  | 13.91% | 0.569% |
| 292 | 16.123 | 16.109 | 16.140 | HH | 16711      | 307620  | 20.19% | 0.826% |
| 293 | 16.168 | 16.140 | 16.186 | HH | 18127      | 465613  | 30.56% | 1.250% |
| 294 | 16.192 | 16.186 | 16.201 | HH | 17472      | 160256  | 10.52% | 0.430% |
| 295 | 16.203 | 16.201 | 16.212 | HH | 17292      | 113276  | 7.43%  | 0.304% |
| 296 | 16.254 | 16.212 | 16.289 | HH | 22176      | 873369  | 57.32% | 2.345% |
| 297 | 16.339 | 16.289 | 16.354 | HH | 43738      | 1024449 | 67.24% | 2.751% |
| 298 | 16.364 | 16.354 | 16.405 | HH | 38230      | 801216  | 52.58% | 2.151% |
| 299 | 16.470 | 16.405 | 16.494 | HH | 24804      | 1067725 | 70.08% | 2.867% |

|     |        |        |        |    |            |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
|     |        |        |        |    | rteres.txt |         |         |        |
| 300 | 16.523 | 16.494 | 16.544 | HH | 21650      | 614701  | 40.34%  | 1.651% |
| 301 | 16.584 | 16.544 | 16.588 | HH | 21077      | 551750  | 36.21%  | 1.482% |
| 302 | 16.596 | 16.588 | 16.613 | HH | 21336      | 318494  | 20.90%  | 0.855% |
| 303 | 16.660 | 16.613 | 16.686 | HH | 37327      | 1165415 | 76.49%  | 3.129% |
| 304 | 16.716 | 16.686 | 16.761 | HH | 42283      | 1213670 | 79.65%  | 3.259% |
| 305 | 16.827 | 16.761 | 16.857 | HH | 37292      | 1523664 | 100.00% | 4.091% |

Sum of corrected areas: 37241089

FF100118.M Mon Oct 08 09:12:57 2018