

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG080918\  
 Data File : FG002022.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Aug 2018 13:37  
 Sample : J4382-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG073018.M  
 Title :

Signal : FID1A.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         | 2.140       | 2.105        | 2.185      | BH       | 92             | 976          | 0.03%          | 0.001%        |
| 2         | 2.195       | 2.185        | 2.255      | HH       | 60             | 712          | 0.02%          | 0.001%        |
| 3         | 2.274       | 2.255        | 2.297      | PH       | 50             | 111          | 0.00%          | 0.000%        |
| 4         | 2.306       | 2.297        | 2.313      | PH       | 36             | 10           | 0.00%          | 0.000%        |
| 5         | 2.334       | 2.313        | 2.346      | PH       | 113            | 1133         | 0.04%          | 0.001%        |
| 6         | 2.350       | 2.346        | 2.361      | HH       | 81             | 444          | 0.01%          | 0.000%        |
| 7         | 2.374       | 2.361        | 2.447      | HH       | 708            | 7821         | 0.26%          | 0.009%        |
| 8         | 2.490       | 2.447        | 2.568      | PH       | 27             | -3248        | -0.11%         | -0.004%       |
| 9         | 2.593       | 2.568        | 2.604      | PH       | -6             | -549         | -0.02%         | -0.001%       |
| 10        | 2.629       | 2.604        | 2.658      | PH       | 35             | -1034        | -0.03%         | -0.001%       |
| 11        | 2.709       | 2.658        | 2.748      | PH       | 64             | -563         | -0.02%         | -0.001%       |
| 12        | 2.843       | 2.748        | 2.861      | PH       | 37             | -544         | -0.02%         | -0.001%       |
| 13        | 2.881       | 2.861        | 2.927      | PH       | 78             | 1204         | 0.04%          | 0.001%        |
| 14        | 2.946       | 2.927        | 2.965      | PH       | 83             | 364          | 0.01%          | 0.000%        |
| 15        | 2.971       | 2.965        | 3.095      | PH       | 67             | 1752         | 0.06%          | 0.002%        |
| 16        | 3.121       | 3.095        | 3.130      | HH       | 136            | 1480         | 0.05%          | 0.002%        |
| 17        | 3.145       | 3.130        | 3.228      | HH       | 119            | 4507         | 0.15%          | 0.005%        |
| 18        | 3.231       | 3.228        | 3.258      | HH       | 95             | 398          | 0.01%          | 0.000%        |
| 19        | 3.310       | 3.258        | 3.345      | PH       | 130            | 2540         | 0.09%          | 0.003%        |
| 20        | 3.353       | 3.345        | 3.402      | PH       | 91             | 491          | 0.02%          | 0.001%        |
| 21        | 3.413       | 3.402        | 3.431      | PH       | 19             | -362         | -0.01%         | -0.000%       |
| 22        | 3.449       | 3.431        | 3.471      | PH       | 11             | -804         | -0.03%         | -0.001%       |
| 23        | 3.487       | 3.471        | 3.568      | PH       | 8              | -1275        | -0.04%         | -0.001%       |
| 24        | 3.596       | 3.568        | 3.627      | PH       | 39             | -988         | -0.03%         | -0.001%       |
| 25        | 3.642       | 3.627        | 3.664      | PH       | 25             | -677         | -0.02%         | -0.001%       |
| 26        | 3.678       | 3.664        | 3.741      | PH       | 43             | -1912        | -0.06%         | -0.002%       |
| 27        | 3.769       | 3.741        | 3.780      | PH       | -29            | -1395        | -0.05%         | -0.002%       |
| 28        | 3.797       | 3.780        | 3.862      | PH       | 2              | -2182        | -0.07%         | -0.002%       |
| 29        | 3.909       | 3.862        | 3.940      | PH       | 483            | 13468        | 0.45%          | 0.015%        |
| 30        | 3.950       | 3.940        | 3.988      | HH       | 419            | 10730        | 0.36%          | 0.012%        |
| 31        | 4.001       | 3.988        | 4.017      | HH       | 456            | 6569         | 0.22%          | 0.007%        |
| 32        | 4.029       | 4.017        | 4.154      | HH       | 376            | 25133        | 0.84%          | 0.028%        |
| 33        | 4.172       | 4.154        | 4.206      | HH       | 410            | 9886         | 0.33%          | 0.011%        |
| 34        | 4.221       | 4.206        | 4.236      | HH       | 543            | 7148         | 0.24%          | 0.008%        |
| 35        | 4.242       | 4.236        | 4.302      | HH       | 423            | 12379        | 0.42%          | 0.014%        |
| 36        | 4.315       | 4.302        | 4.333      | HH       | 296            | 4378         | 0.15%          | 0.005%        |

|    |       |       |       |    |            |        |        |         |  |
|----|-------|-------|-------|----|------------|--------|--------|---------|--|
|    |       |       |       |    | rteres.txt |        |        |         |  |
| 37 | 4.376 | 4.333 | 4.492 | HH | 987        | 49290  | 1.66%  | 0.055%  |  |
| 38 | 4.497 | 4.492 | 4.608 | HH | 387        | 14360  | 0.48%  | 0.016%  |  |
| 39 | 4.629 | 4.608 | 4.641 | HH | 85         | 1398   | 0.05%  | 0.002%  |  |
| 40 | 4.647 | 4.641 | 4.671 | HH | 136        | 1600   | 0.05%  | 0.002%  |  |
| 41 | 4.677 | 4.671 | 4.741 | HH | 76         | 657    | 0.02%  | 0.001%  |  |
| 42 | 4.747 | 4.741 | 4.759 | PH | 29         | 79     | 0.00%  | 0.000%  |  |
| 43 | 4.766 | 4.759 | 4.781 | PH | 3          | -347   | -0.01% | -0.000% |  |
| 44 | 4.817 | 4.781 | 4.911 | PH | 520        | 5880   | 0.20%  | 0.007%  |  |
| 45 | 4.932 | 4.911 | 4.945 | PH | -73        | -2078  | -0.07% | -0.002% |  |
| 46 | 4.957 | 4.945 | 4.993 | PH | -59        | -3200  | -0.11% | -0.004% |  |
| 47 | 5.009 | 4.993 | 5.060 | PH | -44        | -4802  | -0.16% | -0.005% |  |
| 48 | 5.107 | 5.060 | 5.147 | PH | -28        | -4970  | -0.17% | -0.006% |  |
| 49 | 5.157 | 5.147 | 5.182 | PH | -125       | -3044  | -0.10% | -0.003% |  |
| 50 | 5.188 | 5.182 | 5.225 | PH | -142       | -4987  | -0.17% | -0.006% |  |
| 51 | 5.250 | 5.225 | 5.313 | PH | -112       | -10954 | -0.37% | -0.012% |  |
| 52 | 5.339 | 5.313 | 5.409 | PH | 141        | -5076  | -0.17% | -0.006% |  |
| 53 | 5.425 | 5.409 | 5.463 | PH | 7          | -5281  | -0.18% | -0.006% |  |
| 54 | 5.492 | 5.463 | 5.563 | PH | 40         | -9734  | -0.33% | -0.011% |  |
| 55 | 5.604 | 5.563 | 5.651 | PH | -221       | -15122 | -0.51% | -0.017% |  |
| 56 | 5.693 | 5.651 | 5.715 | PH | -264       | -12423 | -0.42% | -0.014% |  |
| 57 | 5.822 | 5.715 | 5.871 | PH | -122       | -21311 | -0.72% | -0.024% |  |
| 58 | 5.889 | 5.871 | 5.903 | PH | 2          | -2019  | -0.07% | -0.002% |  |
| 59 | 5.952 | 5.903 | 6.005 | PH | 636        | 8038   | 0.27%  | 0.009%  |  |
| 60 | 6.026 | 6.005 | 6.064 | PH | 334        | 4767   | 0.16%  | 0.005%  |  |
| 61 | 6.091 | 6.064 | 6.115 | HH | 243        | 5763   | 0.19%  | 0.006%  |  |
| 62 | 6.124 | 6.115 | 6.175 | HH | 309        | 8853   | 0.30%  | 0.010%  |  |
| 63 | 6.238 | 6.175 | 6.367 | HH | 945        | 37555  | 1.26%  | 0.042%  |  |
| 64 | 6.404 | 6.367 | 6.431 | PH | 142        | 2584   | 0.09%  | 0.003%  |  |
| 65 | 6.438 | 6.431 | 6.491 | HH | 151        | 1468   | 0.05%  | 0.002%  |  |
| 66 | 6.503 | 6.491 | 6.584 | PH | 45         | -7887  | -0.26% | -0.009% |  |
| 67 | 6.609 | 6.584 | 6.625 | PH | -83        | -3384  | -0.11% | -0.004% |  |
| 68 | 6.647 | 6.625 | 6.713 | PH | -45        | -7483  | -0.25% | -0.008% |  |
| 69 | 6.719 | 6.713 | 6.728 | PH | -142       | -1448  | -0.05% | -0.002% |  |
| 70 | 6.733 | 6.728 | 6.747 | PH | -100       | -1623  | -0.05% | -0.002% |  |
| 71 | 6.774 | 6.747 | 6.820 | PH | -16        | -4206  | -0.14% | -0.005% |  |
| 72 | 6.847 | 6.820 | 6.868 | PH | -66        | -3905  | -0.13% | -0.004% |  |
| 73 | 6.895 | 6.868 | 7.011 | PH | 63         | -11184 | -0.38% | -0.012% |  |
| 74 | 7.021 | 7.011 | 7.072 | PH | -211       | -9388  | -0.32% | -0.010% |  |
| 75 | 7.088 | 7.072 | 7.134 | PH | -232       | -11678 | -0.39% | -0.013% |  |
| 76 | 7.154 | 7.134 | 7.210 | PH | -140       | -14775 | -0.50% | -0.016% |  |
| 77 | 7.241 | 7.210 | 7.305 | PH | -332       | -21941 | -0.74% | -0.024% |  |
| 78 | 7.335 | 7.305 | 7.347 | PH | -310       | -9718  | -0.33% | -0.011% |  |
| 79 | 7.361 | 7.347 | 7.401 | PH | -331       | -13210 | -0.44% | -0.015% |  |
| 80 | 7.427 | 7.401 | 7.501 | PH | 1121       | 164    | 0.01%  | 0.000%  |  |
| 81 | 7.513 | 7.501 | 7.541 | PH | -248       | -7086  | -0.24% | -0.008% |  |
| 82 | 7.596 | 7.541 | 7.658 | PH | 1720       | 10438  | 0.35%  | 0.012%  |  |
| 83 | 7.671 | 7.658 | 7.680 | PH | -184       | -2821  | -0.09% | -0.003% |  |
| 84 | 7.759 | 7.680 | 7.822 | PH | 278        | 5710   | 0.19%  | 0.006%  |  |
| 85 | 7.842 | 7.822 | 7.866 | PH | 47         | -1044  | -0.04% | -0.001% |  |
| 86 | 7.885 | 7.866 | 7.898 | PH | -18        | -962   | -0.03% | -0.001% |  |
| 87 | 7.924 | 7.898 | 7.957 | PH | 211        | 1589   | 0.05%  | 0.002%  |  |
| 88 | 7.989 | 7.957 | 8.005 | PH | 2369       | 30579  | 1.03%  | 0.034%  |  |
| 89 | 8.014 | 8.005 | 8.048 | HH | 1256       | 17648  | 0.59%  | 0.020%  |  |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 90         | 8.079  | 8.048  | 8.210  | HH | 61675 | 861568 | 28.93% | 0.959% |
| 91         | 8.228  | 8.210  | 8.248  | HH | 740   | 13052  | 0.44%  | 0.015% |
| 92         | 8.256  | 8.248  | 8.291  | HH | 689   | 11260  | 0.38%  | 0.013% |
| 93         | 8.305  | 8.291  | 8.329  | HH | 313   | 5257   | 0.18%  | 0.006% |
| 94         | 8.369  | 8.329  | 8.412  | HH | 880   | 22636  | 0.76%  | 0.025% |
| 95         | 8.450  | 8.412  | 8.485  | HH | 1263  | 32311  | 1.08%  | 0.036% |
| 96         | 8.521  | 8.485  | 8.539  | HH | 1299  | 32544  | 1.09%  | 0.036% |
| 97         | 8.552  | 8.539  | 8.583  | HH | 1283  | 21924  | 0.74%  | 0.024% |
| 98         | 8.622  | 8.583  | 8.644  | HH | 722   | 19908  | 0.67%  | 0.022% |
| 99         | 8.695  | 8.644  | 8.715  | HH | 823   | 26831  | 0.90%  | 0.030% |
| 100        | 8.743  | 8.715  | 8.818  | HH | 2807  | 81573  | 2.74%  | 0.091% |
| 101        | 8.840  | 8.818  | 8.865  | HH | 1515  | 31232  | 1.05%  | 0.035% |
| 102        | 8.871  | 8.865  | 8.891  | HH | 1033  | 14643  | 0.49%  | 0.016% |
| 103        | 8.918  | 8.891  | 8.941  | HH | 1069  | 27614  | 0.93%  | 0.031% |
| 104        | 8.985  | 8.941  | 9.004  | HH | 1015  | 33706  | 1.13%  | 0.038% |
| 105        | 9.030  | 9.004  | 9.051  | HH | 1466  | 32571  | 1.09%  | 0.036% |
| 106        | 9.075  | 9.051  | 9.088  | HH | 1174  | 24912  | 0.84%  | 0.028% |
| 107        | 9.131  | 9.088  | 9.158  | HH | 1947  | 63449  | 2.13%  | 0.071% |
| 108        | 9.166  | 9.158  | 9.178  | HH | 1399  | 16616  | 0.56%  | 0.018% |
| 109        | 9.212  | 9.178  | 9.243  | HH | 3920  | 96654  | 3.25%  | 0.108% |
| 110        | 9.282  | 9.243  | 9.318  | HH | 2380  | 91578  | 3.07%  | 0.102% |
| 111        | 9.345  | 9.318  | 9.358  | HH | 2086  | 45470  | 1.53%  | 0.051% |
| 112        | 9.371  | 9.358  | 9.420  | HH | 2489  | 77352  | 2.60%  | 0.086% |
| 113        | 9.446  | 9.420  | 9.501  | HH | 4320  | 121368 | 4.08%  | 0.135% |
| 114        | 9.570  | 9.501  | 9.598  | HH | 3105  | 145396 | 4.88%  | 0.162% |
| 115        | 9.615  | 9.598  | 9.660  | HH | 4172  | 115782 | 3.89%  | 0.129% |
| 116        | 9.694  | 9.660  | 9.751  | HH | 3686  | 172162 | 5.78%  | 0.192% |
| 117        | 9.783  | 9.751  | 9.805  | HH | 3774  | 106047 | 3.56%  | 0.118% |
| 118        | 9.839  | 9.805  | 9.870  | HH | 3557  | 130559 | 4.38%  | 0.145% |
| 119        | 9.888  | 9.870  | 9.903  | HH | 3646  | 68339  | 2.29%  | 0.076% |
| 120        | 9.956  | 9.903  | 9.971  | HH | 4550  | 161694 | 5.43%  | 0.180% |
| 121        | 9.999  | 9.971  | 10.029 | HH | 6865  | 195006 | 6.55%  | 0.217% |
| 122        | 10.082 | 10.029 | 10.115 | HH | 6038  | 273710 | 9.19%  | 0.305% |
| 123        | 10.144 | 10.115 | 10.172 | HH | 5910  | 182186 | 6.12%  | 0.203% |
| 124        | 10.196 | 10.172 | 10.211 | HH | 5428  | 118210 | 3.97%  | 0.132% |
| 125        | 10.240 | 10.211 | 10.251 | HH | 6766  | 149433 | 5.02%  | 0.166% |
| 126        | 10.278 | 10.251 | 10.301 | HH | 6872  | 197213 | 6.62%  | 0.220% |
| 127        | 10.351 | 10.301 | 10.391 | HH | 9397  | 414104 | 13.90% | 0.461% |
| 128        | 10.425 | 10.391 | 10.449 | HH | 11756 | 324588 | 10.90% | 0.361% |
| 129        | 10.463 | 10.449 | 10.503 | HH | 8782  | 260088 | 8.73%  | 0.289% |
| 130        | 10.545 | 10.503 | 10.559 | HH | 8092  | 255277 | 8.57%  | 0.284% |
| 131        | 10.576 | 10.559 | 10.598 | HH | 7976  | 178326 | 5.99%  | 0.198% |
| 132        | 10.619 | 10.598 | 10.645 | HH | 8654  | 232177 | 7.80%  | 0.258% |
| 133        | 10.745 | 10.645 | 10.781 | HH | 9850  | 717503 | 24.09% | 0.799% |
| 134        | 10.827 | 10.781 | 10.845 | HH | 10658 | 373006 | 12.52% | 0.415% |
| 135        | 10.900 | 10.845 | 10.952 | HH | 10703 | 643093 | 21.59% | 0.716% |
| 136        | 10.976 | 10.952 | 10.991 | HH | 10757 | 243172 | 8.16%  | 0.271% |
| 137        | 11.012 | 10.991 | 11.027 | HH | 11136 | 232206 | 7.80%  | 0.258% |
| 138        | 11.054 | 11.027 | 11.085 | HH | 13170 | 404152 | 13.57% | 0.450% |
| 139        | 11.142 | 11.085 | 11.178 | HH | 14984 | 687076 | 23.07% | 0.765% |
| 140        | 11.208 | 11.178 | 11.231 | HH | 13213 | 382665 | 12.85% | 0.426% |
| 141        | 11.253 | 11.231 | 11.289 | HH | 12448 | 403088 | 13.53% | 0.449% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 142 | 11.342 | 11.289 | 11.395 | HH | 12871      | 764739  | 25.68% | 0.851% |
| 143 | 11.418 | 11.395 | 11.431 | HH | 13446      | 273436  | 9.18%  | 0.304% |
| 144 | 11.450 | 11.431 | 11.468 | HH | 13546      | 295251  | 9.91%  | 0.329% |
| 145 | 11.536 | 11.468 | 11.582 | HH | 15064      | 949909  | 31.89% | 1.057% |
| 146 | 11.606 | 11.582 | 11.638 | HH | 14618      | 467406  | 15.69% | 0.520% |
| 147 | 11.653 | 11.638 | 11.671 | HH | 14263      | 276421  | 9.28%  | 0.308% |
| 148 | 11.709 | 11.671 | 11.753 | HH | 15767      | 718737  | 24.13% | 0.800% |
| 149 | 11.777 | 11.753 | 11.796 | HH | 16686      | 388314  | 13.04% | 0.432% |
| 150 | 11.815 | 11.796 | 11.893 | HH | 16911      | 841804  | 28.27% | 0.937% |
| 151 | 11.927 | 11.893 | 11.978 | HH | 14223      | 684363  | 22.98% | 0.762% |
| 152 | 12.017 | 11.978 | 12.053 | HH | 14147      | 607616  | 20.40% | 0.676% |
| 153 | 12.073 | 12.053 | 12.085 | HH | 13594      | 256463  | 8.61%  | 0.285% |
| 154 | 12.103 | 12.085 | 12.175 | HH | 14023      | 720630  | 24.20% | 0.802% |
| 155 | 12.212 | 12.175 | 12.255 | HH | 13810      | 647593  | 21.74% | 0.721% |
| 156 | 12.274 | 12.255 | 12.304 | HH | 14194      | 403437  | 13.55% | 0.449% |
| 157 | 12.316 | 12.304 | 12.341 | HH | 13676      | 299309  | 10.05% | 0.333% |
| 158 | 12.362 | 12.341 | 12.403 | HH | 16467      | 512882  | 17.22% | 0.571% |
| 159 | 12.429 | 12.403 | 12.489 | HH | 15583      | 707818  | 23.77% | 0.788% |
| 160 | 12.504 | 12.489 | 12.524 | HH | 12682      | 259915  | 8.73%  | 0.289% |
| 161 | 12.535 | 12.524 | 12.553 | HH | 12038      | 212923  | 7.15%  | 0.237% |
| 162 | 12.561 | 12.553 | 12.572 | HH | 12157      | 131559  | 4.42%  | 0.146% |
| 163 | 12.589 | 12.572 | 12.605 | HH | 12218      | 236178  | 7.93%  | 0.263% |
| 164 | 12.628 | 12.605 | 12.639 | HH | 12556      | 249781  | 8.39%  | 0.278% |
| 165 | 12.646 | 12.639 | 12.671 | HH | 12264      | 236701  | 7.95%  | 0.263% |
| 166 | 12.685 | 12.671 | 12.699 | HH | 12009      | 196679  | 6.60%  | 0.219% |
| 167 | 12.724 | 12.699 | 12.757 | HH | 13999      | 441253  | 14.82% | 0.491% |
| 168 | 12.791 | 12.757 | 12.824 | HH | 21616      | 627187  | 21.06% | 0.698% |
| 169 | 12.848 | 12.824 | 12.911 | HH | 26961      | 821986  | 27.60% | 0.915% |
| 170 | 12.924 | 12.911 | 12.951 | HH | 11569      | 269617  | 9.05%  | 0.300% |
| 171 | 12.973 | 12.951 | 13.004 | HH | 12812      | 363652  | 12.21% | 0.405% |
| 172 | 13.028 | 13.004 | 13.058 | HH | 12690      | 372934  | 12.52% | 0.415% |
| 173 | 13.079 | 13.058 | 13.095 | HH | 10812      | 232036  | 7.79%  | 0.258% |
| 174 | 13.104 | 13.095 | 13.155 | HH | 10621      | 375201  | 12.60% | 0.418% |
| 175 | 13.195 | 13.155 | 13.228 | HH | 11210      | 461612  | 15.50% | 0.514% |
| 176 | 13.255 | 13.228 | 13.306 | HH | 22506      | 619798  | 20.81% | 0.690% |
| 177 | 13.325 | 13.306 | 13.345 | HH | 9927       | 226359  | 7.60%  | 0.252% |
| 178 | 13.383 | 13.345 | 13.431 | HH | 10005      | 510710  | 17.15% | 0.568% |
| 179 | 13.475 | 13.431 | 13.494 | HH | 9799       | 358370  | 12.03% | 0.399% |
| 180 | 13.514 | 13.494 | 13.537 | HH | 11453      | 262632  | 8.82%  | 0.292% |
| 181 | 13.559 | 13.537 | 13.601 | HH | 10660      | 364590  | 12.24% | 0.406% |
| 182 | 13.613 | 13.601 | 13.631 | HH | 9135       | 160877  | 5.40%  | 0.179% |
| 183 | 13.646 | 13.631 | 13.738 | HH | 8645       | 539889  | 18.13% | 0.601% |
| 184 | 13.785 | 13.738 | 13.834 | HH | 8752       | 478332  | 16.06% | 0.532% |
| 185 | 13.853 | 13.834 | 13.911 | HH | 8202       | 364618  | 12.24% | 0.406% |
| 186 | 13.977 | 13.911 | 14.091 | HH | 9033       | 851393  | 28.59% | 0.948% |
| 187 | 14.121 | 14.091 | 14.141 | HH | 9006       | 237952  | 7.99%  | 0.265% |
| 188 | 14.186 | 14.141 | 14.335 | HH | 9312       | 887827  | 29.81% | 0.988% |
| 189 | 14.355 | 14.335 | 14.416 | HH | 7783       | 342805  | 11.51% | 0.382% |
| 190 | 14.459 | 14.416 | 14.521 | HH | 123256     | 2038432 | 68.44% | 2.269% |
| 191 | 14.537 | 14.521 | 14.595 | HH | 6944       | 292955  | 9.84%  | 0.326% |
| 192 | 14.626 | 14.595 | 14.642 | HH | 9145       | 224987  | 7.55%  | 0.250% |
| 193 | 14.660 | 14.642 | 14.686 | HH | 9529       | 216474  | 7.27%  | 0.241% |
| 194 | 14.707 | 14.686 | 14.755 | HH | 8372       | 293802  | 9.86%  | 0.327% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 14.775 | 14.755 | 14.836 | HH | 6642       | 316109  | 10.61% | 0.352% |
| 196 | 14.857 | 14.836 | 14.881 | HH | 6623       | 171654  | 5.76%  | 0.191% |
| 197 | 14.926 | 14.881 | 15.025 | HH | 6967       | 553101  | 18.57% | 0.616% |
| 198 | 15.061 | 15.025 | 15.158 | HH | 31194      | 1162262 | 39.02% | 1.294% |
| 199 | 15.191 | 15.158 | 15.214 | HH | 9784       | 282285  | 9.48%  | 0.314% |
| 200 | 15.240 | 15.214 | 15.414 | HH | 18356      | 954953  | 32.06% | 1.063% |
| 201 | 15.434 | 15.414 | 15.453 | HH | 6652       | 150287  | 5.05%  | 0.167% |
| 202 | 15.496 | 15.453 | 15.531 | HH | 6961       | 316417  | 10.62% | 0.352% |
| 203 | 15.588 | 15.531 | 15.631 | HH | 7340       | 414252  | 13.91% | 0.461% |
| 204 | 15.682 | 15.631 | 15.715 | HH | 9320       | 372028  | 12.49% | 0.414% |
| 205 | 15.743 | 15.715 | 15.788 | HH | 7390       | 306758  | 10.30% | 0.341% |
| 206 | 15.861 | 15.788 | 15.901 | HH | 7670       | 480656  | 16.14% | 0.535% |
| 207 | 15.967 | 15.901 | 16.008 | HH | 9157       | 496105  | 16.66% | 0.552% |
| 208 | 16.032 | 16.008 | 16.051 | HH | 7979       | 200393  | 6.73%  | 0.223% |
| 209 | 16.086 | 16.051 | 16.141 | HH | 9964       | 479130  | 16.09% | 0.533% |
| 210 | 16.169 | 16.141 | 16.204 | HH | 11420      | 362992  | 12.19% | 0.404% |
| 211 | 16.242 | 16.204 | 16.275 | HH | 11167      | 406646  | 13.65% | 0.453% |
| 212 | 16.302 | 16.275 | 16.371 | HH | 13587      | 567725  | 19.06% | 0.632% |
| 213 | 16.414 | 16.371 | 16.430 | HH | 9131       | 306746  | 10.30% | 0.341% |
| 214 | 16.450 | 16.430 | 16.478 | HH | 8920       | 250843  | 8.42%  | 0.279% |
| 215 | 16.499 | 16.478 | 16.545 | HH | 9520       | 369711  | 12.41% | 0.412% |
| 216 | 16.565 | 16.545 | 16.599 | HH | 10108      | 314799  | 10.57% | 0.350% |
| 217 | 16.634 | 16.599 | 16.658 | HH | 13178      | 378983  | 12.73% | 0.422% |
| 218 | 16.675 | 16.658 | 16.733 | HH | 10831      | 425554  | 14.29% | 0.474% |
| 219 | 16.761 | 16.733 | 16.780 | HH | 9201       | 252394  | 8.47%  | 0.281% |
| 220 | 16.802 | 16.780 | 16.825 | HH | 9105       | 237043  | 7.96%  | 0.264% |
| 221 | 16.853 | 16.825 | 16.905 | HH | 9468       | 435457  | 14.62% | 0.485% |
| 222 | 16.951 | 16.905 | 16.987 | HH | 9415       | 452200  | 15.18% | 0.503% |
| 223 | 17.029 | 16.987 | 17.055 | HH | 10355      | 392109  | 13.17% | 0.436% |
| 224 | 17.081 | 17.055 | 17.121 | HH | 14071      | 444038  | 14.91% | 0.494% |
| 225 | 17.171 | 17.121 | 17.255 | HH | 10099      | 761398  | 25.57% | 0.847% |
| 226 | 17.265 | 17.255 | 17.305 | HH | 9447       | 278107  | 9.34%  | 0.310% |
| 227 | 17.349 | 17.305 | 17.377 | HH | 9671       | 407130  | 13.67% | 0.453% |
| 228 | 17.408 | 17.377 | 17.441 | HH | 9537       | 358149  | 12.03% | 0.399% |
| 229 | 17.476 | 17.441 | 17.490 | HH | 10515      | 295331  | 9.92%  | 0.329% |
| 230 | 17.517 | 17.490 | 17.554 | HH | 13782      | 430642  | 14.46% | 0.479% |
| 231 | 17.609 | 17.554 | 17.698 | HH | 12032      | 910108  | 30.56% | 1.013% |
| 232 | 17.733 | 17.698 | 17.775 | HH | 11359      | 487191  | 16.36% | 0.542% |
| 233 | 17.826 | 17.775 | 17.848 | HH | 11445      | 480310  | 16.13% | 0.535% |
| 234 | 17.905 | 17.848 | 17.988 | HH | 22597      | 1324781 | 44.48% | 1.475% |
| 235 | 18.010 | 17.988 | 18.118 | HH | 11984      | 870414  | 29.23% | 0.969% |
| 236 | 18.158 | 18.118 | 18.173 | HH | 11080      | 360839  | 12.12% | 0.402% |
| 237 | 18.204 | 18.173 | 18.267 | HH | 11752      | 637499  | 21.41% | 0.710% |
| 238 | 18.349 | 18.267 | 18.408 | HH | 16616      | 1067697 | 35.85% | 1.188% |
| 239 | 18.451 | 18.408 | 18.585 | HH | 14036      | 1349268 | 45.30% | 1.502% |
| 240 | 18.611 | 18.585 | 18.638 | HH | 12564      | 394566  | 13.25% | 0.439% |
| 241 | 18.740 | 18.638 | 18.821 | HH | 23580      | 1824488 | 61.26% | 2.031% |
| 242 | 18.843 | 18.821 | 18.878 | HH | 13718      | 459958  | 15.44% | 0.512% |
| 243 | 18.945 | 18.878 | 19.014 | HH | 16323      | 1142378 | 38.36% | 1.272% |
| 244 | 19.034 | 19.014 | 19.055 | HH | 13780      | 331855  | 11.14% | 0.369% |
| 245 | 19.139 | 19.055 | 19.165 | HH | 16621      | 944644  | 31.72% | 1.051% |
| 246 | 19.240 | 19.165 | 19.277 | HH | 17069      | 1059148 | 35.56% | 1.179% |

|     |        |        |        |     |                         |         |          |        |
|-----|--------|--------|--------|-----|-------------------------|---------|----------|--------|
|     |        |        |        |     | rteres.txt              |         |          |        |
| 247 | 19.303 | 19.277 | 19.333 | HH  | 15858                   | 517132  | 17.36%   | 0.576% |
| 248 | 19.422 | 19.333 | 19.451 | HH  | 16304                   | 1104750 | 37.09%   | 1.230% |
| 249 | 19.519 | 19.451 | 19.578 | HH  | 18912                   | 1307829 | 43.91%   | 1.456% |
| 250 | 19.618 | 19.578 | 19.678 | HH  | 17173                   | 1011792 | 33.97%   | 1.126% |
| 251 | 19.702 | 19.678 | 19.719 | HH  | 17910                   | 431568  | 14.49%   | 0.480% |
| 252 | 19.755 | 19.719 | 19.825 | HH  | 21515                   | 1188236 | 39.90%   | 1.323% |
| 253 | 19.882 | 19.825 | 19.902 | HH  | 19290                   | 843162  | 28.31%   | 0.938% |
| 254 | 19.925 | 19.902 | 19.950 | HH  | 19295                   | 552896  | 18.56%   | 0.615% |
| 255 | 20.033 | 19.950 | 20.075 | HH  | 29705                   | 1578935 | 53.02%   | 1.757% |
| 256 | 20.094 | 20.075 | 20.119 | HH  | 19708                   | 520884  | 17.49%   | 0.580% |
| 257 | 20.184 | 20.119 | 20.203 | HH  | 20401                   | 996658  | 33.46%   | 1.109% |
| 258 | 20.243 | 20.203 | 20.295 | HH  | 21516                   | 1151135 | 38.65%   | 1.281% |
| 259 | 20.393 | 20.295 | 20.434 | HH  | 22490                   | 1803700 | 60.56%   | 2.008% |
| 260 | 20.511 | 20.434 | 20.555 | HH  | 22359                   | 1606988 | 53.96%   | 1.789% |
| 261 | 20.591 | 20.555 | 20.660 | HH  | 22978                   | 1413638 | 47.47%   | 1.573% |
| 262 | 20.709 | 20.660 | 20.826 | HH  | 22620                   | 2236144 | 75.08%   | 2.489% |
| 263 | 20.878 | 20.826 | 20.939 | HH  | 23249                   | 1512363 | 50.78%   | 1.683% |
| 264 | 20.984 | 20.939 | 21.018 | HH  | 22872                   | 1061792 | 35.65%   | 1.182% |
| 265 | 21.101 | 21.018 | 21.243 | HH  | 22666                   | 2978251 | 100.00%  | 3.315% |
| 266 | 21.325 | 21.243 | 21.384 | HH  | 21582                   | 1813316 | 60.89%   | 2.018% |
| 267 | 21.452 | 21.384 | 21.501 | HHA | 22460                   | 1563040 | 52.48%   | 1.740% |
|     |        |        |        |     | Sum of corrected areas: |         | 89841602 |        |

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