

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF060419\  
 Data File : FF004712.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Jun 2019 12:32  
 Sample : K2641-21 5X  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF052219.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         | 4.421       | 4.392        | 4.450      | BH       | 945            | 7848         | 0.17%          | 0.007%        |
| 2         | 4.465       | 4.450        | 4.479      | PH       | 380            | 2128         | 0.04%          | 0.002%        |
| 3         | 4.492       | 4.479        | 4.509      | PH       | 249            | 643          | 0.01%          | 0.001%        |
| 4         | 4.512       | 4.509        | 4.555      | PH       | -69            | -3511        | -0.07%         | -0.003%       |
| 5         | 4.573       | 4.555        | 4.605      | PH       | 419            | 2075         | 0.04%          | 0.002%        |
| 6         | 4.638       | 4.605        | 4.663      | PH       | 1969           | 24117        | 0.51%          | 0.021%        |
| 7         | 4.677       | 4.663        | 4.693      | HH       | 896            | 7697         | 0.16%          | 0.007%        |
| 8         | 4.704       | 4.693        | 4.725      | PH       | 364            | 2713         | 0.06%          | 0.002%        |
| 9         | 4.730       | 4.725        | 4.745      | HH       | 131            | 569          | 0.01%          | 0.000%        |
| 10        | 4.756       | 4.745        | 4.780      | PH       | 333            | 1510         | 0.03%          | 0.001%        |
| 11        | 4.795       | 4.780        | 4.819      | PH       | 195            | 517          | 0.01%          | 0.000%        |
| 12        | 4.833       | 4.819        | 4.856      | PH       | 502            | 3761         | 0.08%          | 0.003%        |
| 13        | 4.877       | 4.856        | 4.884      | PH       | 148            | -481         | -0.01%         | -0.000%       |
| 14        | 4.898       | 4.884        | 4.925      | HH       | 516            | 2498         | 0.05%          | 0.002%        |
| 15        | 4.954       | 4.925        | 4.963      | PH       | -14            | -3437        | -0.07%         | -0.003%       |
| 16        | 4.975       | 4.963        | 5.002      | PH       | 21             | -2247        | -0.05%         | -0.002%       |
| 17        | 5.038       | 5.002        | 5.041      | PH       | 74             | -2949        | -0.06%         | -0.003%       |
| 18        | 5.065       | 5.041        | 5.090      | HH       | 366            | 3482         | 0.07%          | 0.003%        |
| 19        | 5.104       | 5.090        | 5.110      | PH       | 219            | 626          | 0.01%          | 0.001%        |
| 20        | 5.118       | 5.110        | 5.129      | HH       | 336            | 1568         | 0.03%          | 0.001%        |
| 21        | 5.145       | 5.129        | 5.155      | PH       | 576            | 3631         | 0.08%          | 0.003%        |
| 22        | 5.164       | 5.155        | 5.181      | HH       | 880            | 4607         | 0.10%          | 0.004%        |
| 23        | 5.194       | 5.181        | 5.210      | PH       | 118            | -1225        | -0.03%         | -0.001%       |
| 24        | 5.231       | 5.210        | 5.250      | PH       | 292            | 633          | 0.01%          | 0.001%        |
| 25        | 5.264       | 5.250        | 5.271      | PH       | 250            | 1763         | 0.04%          | 0.002%        |
| 26        | 5.282       | 5.271        | 5.309      | HH       | 351            | 3067         | 0.06%          | 0.003%        |
| 27        | 5.334       | 5.309        | 5.342      | PH       | 232            | 2214         | 0.05%          | 0.002%        |
| 28        | 5.355       | 5.342        | 5.370      | HH       | 738            | 6031         | 0.13%          | 0.005%        |
| 29        | 5.383       | 5.370        | 5.401      | PH       | 300            | 2013         | 0.04%          | 0.002%        |
| 30        | 5.412       | 5.401        | 5.437      | PH       | 292            | -138         | -0.00%         | -0.000%       |
| 31        | 5.464       | 5.437        | 5.480      | PH       | 2163           | 19148        | 0.40%          | 0.016%        |
| 32        | 5.494       | 5.480        | 5.510      | HH       | 1313           | 14830        | 0.31%          | 0.013%        |
| 33        | 5.525       | 5.510        | 5.564      | HH       | 655            | 7053         | 0.15%          | 0.006%        |
| 34        | 5.588       | 5.564        | 5.614      | PH       | -84            | -4170        | -0.09%         | -0.004%       |
| 35        | 5.650       | 5.614        | 5.675      | PH       | 1558           | 14214        | 0.30%          | 0.012%        |
| 36        | 5.680       | 5.675        | 5.686      | PH       | -27            | -509         | -0.01%         | -0.000%       |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 5.696 | 5.686 | 5.704 | PH | 199   | 560    | 0.01% | 0.000% |
| 38         | 5.729 | 5.704 | 5.737 | HH | 1263  | 13605  | 0.29% | 0.012% |
| 39         | 5.766 | 5.737 | 5.785 | HH | 2484  | 42134  | 0.89% | 0.036% |
| 40         | 5.800 | 5.785 | 5.821 | HH | 867   | 13261  | 0.28% | 0.011% |
| 41         | 5.837 | 5.821 | 5.855 | HH | 613   | 6572   | 0.14% | 0.006% |
| 42         | 5.870 | 5.855 | 5.899 | HH | 404   | 4086   | 0.09% | 0.003% |
| 43         | 5.919 | 5.899 | 5.941 | PH | 532   | 3312   | 0.07% | 0.003% |
| 44         | 5.967 | 5.941 | 5.990 | PH | 637   | 10445  | 0.22% | 0.009% |
| 45         | 6.015 | 5.990 | 6.039 | HH | 21653 | 204108 | 4.31% | 0.175% |
| 46         | 6.062 | 6.039 | 6.082 | HH | 1366  | 16517  | 0.35% | 0.014% |
| 47         | 6.108 | 6.082 | 6.132 | HH | 852   | 12405  | 0.26% | 0.011% |
| 48         | 6.160 | 6.132 | 6.178 | HH | 981   | 16026  | 0.34% | 0.014% |
| 49         | 6.192 | 6.178 | 6.220 | HH | 666   | 11084  | 0.23% | 0.009% |
| 50         | 6.230 | 6.220 | 6.245 | HH | 640   | 7439   | 0.16% | 0.006% |
| 51         | 6.256 | 6.245 | 6.271 | HH | 622   | 7629   | 0.16% | 0.007% |
| 52         | 6.286 | 6.271 | 6.307 | HH | 875   | 11767  | 0.25% | 0.010% |
| 53         | 6.329 | 6.307 | 6.344 | HH | 623   | 8744   | 0.18% | 0.007% |
| 54         | 6.384 | 6.344 | 6.394 | HH | 1062  | 19907  | 0.42% | 0.017% |
| 55         | 6.402 | 6.394 | 6.423 | HH | 844   | 12905  | 0.27% | 0.011% |
| 56         | 6.446 | 6.423 | 6.494 | HH | 2973  | 43921  | 0.93% | 0.038% |
| 57         | 6.514 | 6.494 | 6.521 | HH | 297   | 3522   | 0.07% | 0.003% |
| 58         | 6.538 | 6.521 | 6.549 | HH | 463   | 5593   | 0.12% | 0.005% |
| 59         | 6.563 | 6.549 | 6.574 | HH | 707   | 8240   | 0.17% | 0.007% |
| 60         | 6.594 | 6.574 | 6.614 | HH | 2224  | 27837  | 0.59% | 0.024% |
| 61         | 6.643 | 6.614 | 6.664 | HH | 1452  | 24844  | 0.52% | 0.021% |
| 62         | 6.668 | 6.664 | 6.681 | HH | 464   | 2907   | 0.06% | 0.002% |
| 63         | 6.726 | 6.681 | 6.742 | HH | 1075  | 17925  | 0.38% | 0.015% |
| 64         | 6.768 | 6.742 | 6.810 | HH | 2006  | 43064  | 0.91% | 0.037% |
| 65         | 6.823 | 6.810 | 6.833 | HH | 1282  | 15129  | 0.32% | 0.013% |
| 66         | 6.850 | 6.833 | 6.870 | HH | 2461  | 32629  | 0.69% | 0.028% |
| 67         | 6.885 | 6.870 | 6.899 | HH | 998   | 14469  | 0.31% | 0.012% |
| 68         | 6.915 | 6.899 | 6.932 | HH | 1151  | 18602  | 0.39% | 0.016% |
| 69         | 6.949 | 6.932 | 6.957 | HH | 1505  | 18110  | 0.38% | 0.015% |
| 70         | 6.976 | 6.957 | 6.991 | HH | 2196  | 35485  | 0.75% | 0.030% |
| 71         | 7.008 | 6.991 | 7.035 | HH | 2135  | 40858  | 0.86% | 0.035% |
| 72         | 7.072 | 7.035 | 7.095 | HH | 24807 | 280853 | 5.93% | 0.240% |
| 73         | 7.104 | 7.095 | 7.134 | HH | 1697  | 32526  | 0.69% | 0.028% |
| 74         | 7.152 | 7.134 | 7.186 | HH | 3053  | 63041  | 1.33% | 0.054% |
| 75         | 7.208 | 7.186 | 7.237 | HH | 28170 | 278480 | 5.88% | 0.238% |
| 76         | 7.253 | 7.237 | 7.275 | HH | 1224  | 19742  | 0.42% | 0.017% |
| 77         | 7.278 | 7.275 | 7.286 | HH | 643   | 3991   | 0.08% | 0.003% |
| 78         | 7.298 | 7.286 | 7.313 | HH | 752   | 10074  | 0.21% | 0.009% |
| 79         | 7.371 | 7.313 | 7.402 | HH | 3855  | 84317  | 1.78% | 0.072% |
| 80         | 7.424 | 7.402 | 7.442 | HH | 1163  | 23378  | 0.49% | 0.020% |
| 81         | 7.447 | 7.442 | 7.479 | HH | 1119  | 19671  | 0.42% | 0.017% |
| 82         | 7.506 | 7.479 | 7.524 | HH | 771   | 17303  | 0.37% | 0.015% |
| 83         | 7.547 | 7.524 | 7.584 | HH | 2244  | 46281  | 0.98% | 0.040% |
| 84         | 7.599 | 7.584 | 7.616 | HH | 1172  | 15728  | 0.33% | 0.013% |
| 85         | 7.663 | 7.616 | 7.678 | HH | 1114  | 26687  | 0.56% | 0.023% |
| 86         | 7.710 | 7.678 | 7.727 | HH | 1269  | 27739  | 0.59% | 0.024% |
| 87         | 7.741 | 7.727 | 7.751 | HH | 954   | 11888  | 0.25% | 0.010% |
| 88         | 7.763 | 7.751 | 7.768 | HH | 1035  | 8687   | 0.18% | 0.007% |
| 89         | 7.797 | 7.768 | 7.842 | HH | 8590  | 132332 | 2.79% | 0.113% |

| rteres.txt |        |       |        |    |       |         |        |        |
|------------|--------|-------|--------|----|-------|---------|--------|--------|
| 90         | 7.847  | 7.842 | 7.872  | HH | 1489  | 19570   | 0.41%  | 0.017% |
| 91         | 7.896  | 7.872 | 7.915  | HH | 2381  | 38131   | 0.81%  | 0.033% |
| 92         | 7.955  | 7.915 | 7.992  | HH | 6678  | 149032  | 3.15%  | 0.127% |
| 93         | 7.997  | 7.992 | 8.013  | HH | 2708  | 28686   | 0.61%  | 0.025% |
| 94         | 8.028  | 8.013 | 8.033  | HH | 2896  | 29854   | 0.63%  | 0.026% |
| 95         | 8.054  | 8.033 | 8.059  | HH | 13841 | 132866  | 2.81%  | 0.114% |
| 96         | 8.066  | 8.059 | 8.087  | HH | 14632 | 157610  | 3.33%  | 0.135% |
| 97         | 8.094  | 8.087 | 8.109  | HH | 2619  | 26911   | 0.57%  | 0.023% |
| 98         | 8.125  | 8.109 | 8.142  | HH | 2097  | 32758   | 0.69%  | 0.028% |
| 99         | 8.172  | 8.142 | 8.187  | HH | 29442 | 340888  | 7.20%  | 0.292% |
| 100        | 8.199  | 8.187 | 8.216  | HH | 18614 | 197824  | 4.18%  | 0.169% |
| 101        | 8.227  | 8.216 | 8.274  | HH | 7408  | 141401  | 2.99%  | 0.121% |
| 102        | 8.302  | 8.274 | 8.315  | HH | 15078 | 175370  | 3.70%  | 0.150% |
| 103        | 8.332  | 8.315 | 8.338  | HH | 11372 | 137634  | 2.91%  | 0.118% |
| 104        | 8.356  | 8.338 | 8.395  | HH | 25341 | 360969  | 7.62%  | 0.309% |
| 105        | 8.409  | 8.395 | 8.425  | HH | 3550  | 48805   | 1.03%  | 0.042% |
| 106        | 8.446  | 8.425 | 8.480  | HH | 8930  | 129484  | 2.73%  | 0.111% |
| 107        | 8.493  | 8.480 | 8.510  | HH | 1882  | 27333   | 0.58%  | 0.023% |
| 108        | 8.532  | 8.510 | 8.558  | HH | 1427  | 34772   | 0.73%  | 0.030% |
| 109        | 8.573  | 8.558 | 8.582  | HH | 1132  | 14598   | 0.31%  | 0.012% |
| 110        | 8.602  | 8.582 | 8.626  | HH | 4007  | 64300   | 1.36%  | 0.055% |
| 111        | 8.652  | 8.626 | 8.678  | HH | 70412 | 722596  | 15.26% | 0.618% |
| 112        | 8.697  | 8.678 | 8.741  | HH | 8231  | 147528  | 3.11%  | 0.126% |
| 113        | 8.773  | 8.741 | 8.802  | HH | 5233  | 133617  | 2.82%  | 0.114% |
| 114        | 8.815  | 8.802 | 8.830  | HH | 2854  | 39605   | 0.84%  | 0.034% |
| 115        | 8.841  | 8.830 | 8.854  | HH | 2549  | 31534   | 0.67%  | 0.027% |
| 116        | 8.892  | 8.854 | 8.907  | HH | 11602 | 176935  | 3.74%  | 0.151% |
| 117        | 8.925  | 8.907 | 8.948  | HH | 39936 | 425649  | 8.99%  | 0.364% |
| 118        | 8.965  | 8.948 | 8.984  | HH | 4818  | 71775   | 1.52%  | 0.061% |
| 119        | 9.016  | 8.984 | 9.035  | HH | 5432  | 112548  | 2.38%  | 0.096% |
| 120        | 9.063  | 9.035 | 9.083  | HH | 11331 | 156717  | 3.31%  | 0.134% |
| 121        | 9.103  | 9.083 | 9.140  | HH | 12365 | 186451  | 3.94%  | 0.160% |
| 122        | 9.160  | 9.140 | 9.188  | HH | 4390  | 81122   | 1.71%  | 0.069% |
| 123        | 9.219  | 9.188 | 9.236  | HH | 11646 | 162171  | 3.42%  | 0.139% |
| 124        | 9.251  | 9.236 | 9.269  | HH | 9426  | 111722  | 2.36%  | 0.096% |
| 125        | 9.302  | 9.269 | 9.320  | HH | 7897  | 129413  | 2.73%  | 0.111% |
| 126        | 9.356  | 9.320 | 9.377  | HH | 10603 | 193090  | 4.08%  | 0.165% |
| 127        | 9.397  | 9.377 | 9.414  | HH | 7367  | 100517  | 2.12%  | 0.086% |
| 128        | 9.438  | 9.414 | 9.493  | HH | 90902 | 1083824 | 22.88% | 0.927% |
| 129        | 9.518  | 9.493 | 9.547  | HH | 11148 | 201796  | 4.26%  | 0.173% |
| 130        | 9.560  | 9.547 | 9.570  | HH | 7795  | 84133   | 1.78%  | 0.072% |
| 131        | 9.589  | 9.570 | 9.606  | HH | 16082 | 233166  | 4.92%  | 0.199% |
| 132        | 9.617  | 9.606 | 9.632  | HH | 8263  | 95977   | 2.03%  | 0.082% |
| 133        | 9.650  | 9.632 | 9.684  | HH | 11444 | 187528  | 3.96%  | 0.160% |
| 134        | 9.699  | 9.684 | 9.734  | HH | 6047  | 112471  | 2.37%  | 0.096% |
| 135        | 9.760  | 9.734 | 9.786  | HH | 15647 | 233740  | 4.93%  | 0.200% |
| 136        | 9.808  | 9.786 | 9.829  | HH | 4854  | 103974  | 2.20%  | 0.089% |
| 137        | 9.861  | 9.829 | 9.902  | HH | 19400 | 389956  | 8.23%  | 0.334% |
| 138        | 9.923  | 9.902 | 9.940  | HH | 5316  | 85200   | 1.80%  | 0.073% |
| 139        | 9.958  | 9.940 | 9.984  | HH | 3765  | 76721   | 1.62%  | 0.066% |
| 140        | 9.989  | 9.984 | 9.995  | HH | 2213  | 15283   | 0.32%  | 0.013% |
| 141        | 10.024 | 9.995 | 10.049 | HH | 4354  | 102396  | 2.16%  | 0.088% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 142 | 10.060 | 10.049 | 10.077 | HH | 2771       | 38891   | 0.82%  | 0.033% |
| 143 | 10.127 | 10.077 | 10.145 | HH | 4368       | 106934  | 2.26%  | 0.091% |
| 144 | 10.151 | 10.145 | 10.164 | HH | 2598       | 27511   | 0.58%  | 0.024% |
| 145 | 10.187 | 10.164 | 10.219 | HH | 5919       | 136313  | 2.88%  | 0.117% |
| 146 | 10.237 | 10.219 | 10.263 | HH | 5939       | 110576  | 2.33%  | 0.095% |
| 147 | 10.294 | 10.263 | 10.301 | HH | 8219       | 132064  | 2.79%  | 0.113% |
| 148 | 10.322 | 10.301 | 10.344 | HH | 26562      | 373029  | 7.88%  | 0.319% |
| 149 | 10.363 | 10.344 | 10.399 | HH | 17221      | 264062  | 5.58%  | 0.226% |
| 150 | 10.440 | 10.399 | 10.475 | HH | 18513      | 376712  | 7.95%  | 0.322% |
| 151 | 10.494 | 10.475 | 10.512 | HH | 7692       | 144281  | 3.05%  | 0.123% |
| 152 | 10.518 | 10.512 | 10.549 | HH | 5867       | 111780  | 2.36%  | 0.096% |
| 153 | 10.610 | 10.549 | 10.624 | HH | 12647      | 329587  | 6.96%  | 0.282% |
| 154 | 10.647 | 10.624 | 10.685 | HH | 25736      | 480114  | 10.14% | 0.411% |
| 155 | 10.715 | 10.685 | 10.726 | HH | 5894       | 121582  | 2.57%  | 0.104% |
| 156 | 10.742 | 10.726 | 10.761 | HH | 8193       | 130984  | 2.77%  | 0.112% |
| 157 | 10.774 | 10.761 | 10.795 | HH | 4972       | 91322   | 1.93%  | 0.078% |
| 158 | 10.813 | 10.795 | 10.821 | HH | 7703       | 90648   | 1.91%  | 0.078% |
| 159 | 10.847 | 10.821 | 10.889 | HH | 319611     | 3525410 | 74.43% | 3.016% |
| 160 | 10.920 | 10.889 | 10.964 | HH | 120606     | 1509920 | 31.88% | 1.292% |
| 161 | 10.973 | 10.964 | 10.987 | HH | 5717       | 74494   | 1.57%  | 0.064% |
| 162 | 10.997 | 10.987 | 11.007 | HH | 5616       | 64519   | 1.36%  | 0.055% |
| 163 | 11.017 | 11.007 | 11.043 | HH | 5482       | 110025  | 2.32%  | 0.094% |
| 164 | 11.053 | 11.043 | 11.074 | HH | 5116       | 86855   | 1.83%  | 0.074% |
| 165 | 11.093 | 11.074 | 11.111 | HH | 5325       | 100127  | 2.11%  | 0.086% |
| 166 | 11.133 | 11.111 | 11.175 | HH | 19808      | 394692  | 8.33%  | 0.338% |
| 167 | 11.196 | 11.175 | 11.222 | HH | 8518       | 196053  | 4.14%  | 0.168% |
| 168 | 11.241 | 11.222 | 11.261 | HH | 10147      | 181355  | 3.83%  | 0.155% |
| 169 | 11.274 | 11.261 | 11.282 | HH | 7641       | 90995   | 1.92%  | 0.078% |
| 170 | 11.293 | 11.282 | 11.306 | HH | 7657       | 102368  | 2.16%  | 0.088% |
| 171 | 11.337 | 11.306 | 11.351 | HH | 9784       | 220732  | 4.66%  | 0.189% |
| 172 | 11.374 | 11.351 | 11.415 | HH | 19109      | 452418  | 9.55%  | 0.387% |
| 173 | 11.443 | 11.415 | 11.468 | HH | 10541      | 230554  | 4.87%  | 0.197% |
| 174 | 11.500 | 11.468 | 11.523 | HH | 16262      | 308817  | 6.52%  | 0.264% |
| 175 | 11.542 | 11.523 | 11.563 | HH | 7084       | 152198  | 3.21%  | 0.130% |
| 176 | 11.575 | 11.563 | 11.583 | HH | 5780       | 65795   | 1.39%  | 0.056% |
| 177 | 11.600 | 11.583 | 11.617 | HH | 7173       | 128340  | 2.71%  | 0.110% |
| 178 | 11.651 | 11.617 | 11.666 | HH | 55512      | 742917  | 15.69% | 0.636% |
| 179 | 11.682 | 11.666 | 11.720 | HH | 69725      | 862526  | 18.21% | 0.738% |
| 180 | 11.767 | 11.720 | 11.785 | HH | 79526      | 1307296 | 27.60% | 1.118% |
| 181 | 11.800 | 11.785 | 11.814 | HH | 39174      | 476157  | 10.05% | 0.407% |
| 182 | 11.831 | 11.814 | 11.859 | HH | 55538      | 736794  | 15.56% | 0.630% |
| 183 | 11.873 | 11.859 | 11.882 | HH | 6598       | 86862   | 1.83%  | 0.074% |
| 184 | 11.904 | 11.882 | 11.929 | HH | 9324       | 211354  | 4.46%  | 0.181% |
| 185 | 11.948 | 11.929 | 11.957 | HH | 8674       | 132556  | 2.80%  | 0.113% |
| 186 | 11.969 | 11.957 | 11.981 | HH | 8662       | 118570  | 2.50%  | 0.101% |
| 187 | 12.009 | 11.981 | 12.027 | HH | 14877      | 284336  | 6.00%  | 0.243% |
| 188 | 12.053 | 12.027 | 12.075 | HH | 10261      | 256721  | 5.42%  | 0.220% |
| 189 | 12.086 | 12.075 | 12.094 | HH | 7105       | 76119   | 1.61%  | 0.065% |
| 190 | 12.122 | 12.094 | 12.141 | HH | 31203      | 463663  | 9.79%  | 0.397% |
| 191 | 12.154 | 12.141 | 12.169 | HH | 11669      | 167379  | 3.53%  | 0.143% |
| 192 | 12.187 | 12.169 | 12.198 | HH | 12670      | 192264  | 4.06%  | 0.164% |
| 193 | 12.210 | 12.198 | 12.246 | HH | 13402      | 280237  | 5.92%  | 0.240% |
| 194 | 12.270 | 12.246 | 12.287 | HH | 11260      | 225627  | 4.76%  | 0.193% |

|     |        |        |        |    |            |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
|     |        |        |        |    | rteres.txt |         |         |        |
| 195 | 12.302 | 12.287 | 12.317 | HH | 10550      | 166996  | 3.53%   | 0.143% |
| 196 | 12.333 | 12.317 | 12.342 | HH | 9640       | 129075  | 2.73%   | 0.110% |
| 197 | 12.353 | 12.342 | 12.360 | HH | 10025      | 102240  | 2.16%   | 0.087% |
| 198 | 12.375 | 12.360 | 12.386 | HH | 13061      | 183465  | 3.87%   | 0.157% |
| 199 | 12.398 | 12.386 | 12.424 | HH | 13962      | 251475  | 5.31%   | 0.215% |
| 200 | 12.444 | 12.424 | 12.484 | HH | 23151      | 517059  | 10.92%  | 0.442% |
| 201 | 12.522 | 12.484 | 12.534 | HH | 14393      | 331639  | 7.00%   | 0.284% |
| 202 | 12.556 | 12.534 | 12.574 | HH | 48303      | 703182  | 14.85%  | 0.602% |
| 203 | 12.590 | 12.574 | 12.608 | HH | 26019      | 444976  | 9.39%   | 0.381% |
| 204 | 12.619 | 12.608 | 12.638 | HH | 22330      | 331769  | 7.00%   | 0.284% |
| 205 | 12.676 | 12.638 | 12.714 | HH | 383713     | 4736459 | 100.00% | 4.052% |
| 206 | 12.732 | 12.714 | 12.752 | HH | 10536      | 208900  | 4.41%   | 0.179% |
| 207 | 12.770 | 12.752 | 12.783 | HH | 11659      | 189023  | 3.99%   | 0.162% |
| 208 | 12.807 | 12.783 | 12.818 | HH | 19872      | 322257  | 6.80%   | 0.276% |
| 209 | 12.828 | 12.818 | 12.843 | HH | 18724      | 252833  | 5.34%   | 0.216% |
| 210 | 12.860 | 12.843 | 12.876 | HH | 24430      | 380224  | 8.03%   | 0.325% |
| 211 | 12.886 | 12.876 | 12.899 | HH | 16870      | 215558  | 4.55%   | 0.184% |
| 212 | 12.907 | 12.899 | 12.945 | HH | 14945      | 348391  | 7.36%   | 0.298% |
| 213 | 12.975 | 12.945 | 13.006 | HH | 304786     | 3686628 | 77.84%  | 3.154% |
| 214 | 13.027 | 13.006 | 13.042 | HH | 40759      | 568345  | 12.00%  | 0.486% |
| 215 | 13.059 | 13.042 | 13.090 | HH | 46447      | 768942  | 16.23%  | 0.658% |
| 216 | 13.107 | 13.090 | 13.124 | HH | 12656      | 238306  | 5.03%   | 0.204% |
| 217 | 13.145 | 13.124 | 13.159 | HH | 21329      | 348147  | 7.35%   | 0.298% |
| 218 | 13.172 | 13.159 | 13.199 | HH | 18060      | 334261  | 7.06%   | 0.286% |
| 219 | 13.239 | 13.199 | 13.283 | HH | 27507      | 794296  | 16.77%  | 0.680% |
| 220 | 13.307 | 13.283 | 13.331 | HH | 23820      | 492100  | 10.39%  | 0.421% |
| 221 | 13.343 | 13.331 | 13.351 | HH | 12843      | 151790  | 3.20%   | 0.130% |
| 222 | 13.369 | 13.351 | 13.385 | HH | 23095      | 358570  | 7.57%   | 0.307% |
| 223 | 13.397 | 13.385 | 13.410 | HH | 17777      | 255690  | 5.40%   | 0.219% |
| 224 | 13.433 | 13.410 | 13.459 | HH | 34099      | 663721  | 14.01%  | 0.568% |
| 225 | 13.470 | 13.459 | 13.504 | HH | 14052      | 333584  | 7.04%   | 0.285% |
| 226 | 13.563 | 13.504 | 13.602 | HH | 88153      | 1823984 | 38.51%  | 1.560% |
| 227 | 13.630 | 13.602 | 13.646 | HH | 16652      | 385378  | 8.14%   | 0.330% |
| 228 | 13.671 | 13.646 | 13.693 | HH | 69223      | 1083106 | 22.87%  | 0.927% |
| 229 | 13.712 | 13.693 | 13.735 | HH | 43916      | 707894  | 14.95%  | 0.606% |
| 230 | 13.752 | 13.735 | 13.774 | HH | 22964      | 443873  | 9.37%   | 0.380% |
| 231 | 13.801 | 13.774 | 13.810 | HH | 22786      | 422855  | 8.93%   | 0.362% |
| 232 | 13.841 | 13.810 | 13.863 | HH | 44085      | 896639  | 18.93%  | 0.767% |
| 233 | 13.882 | 13.863 | 13.924 | HH | 39266      | 809358  | 17.09%  | 0.692% |
| 234 | 13.952 | 13.924 | 13.977 | HH | 16931      | 480676  | 10.15%  | 0.411% |
| 235 | 13.996 | 13.977 | 14.015 | HH | 14586      | 313418  | 6.62%   | 0.268% |
| 236 | 14.044 | 14.015 | 14.059 | HH | 15597      | 399917  | 8.44%   | 0.342% |
| 237 | 14.070 | 14.059 | 14.084 | HH | 14968      | 214492  | 4.53%   | 0.183% |
| 238 | 14.094 | 14.084 | 14.110 | HH | 14676      | 225953  | 4.77%   | 0.193% |
| 239 | 14.150 | 14.110 | 14.168 | HH | 16659      | 505231  | 10.67%  | 0.432% |
| 240 | 14.200 | 14.168 | 14.218 | HH | 15747      | 453798  | 9.58%   | 0.388% |
| 241 | 14.264 | 14.218 | 14.287 | HH | 27293      | 883769  | 18.66%  | 0.756% |
| 242 | 14.298 | 14.287 | 14.337 | HH | 24342      | 580445  | 12.25%  | 0.497% |
| 243 | 14.380 | 14.337 | 14.390 | HH | 25650      | 680535  | 14.37%  | 0.582% |
| 244 | 14.406 | 14.390 | 14.454 | HH | 26907      | 823094  | 17.38%  | 0.704% |
| 245 | 14.482 | 14.454 | 14.499 | HH | 37509      | 725071  | 15.31%  | 0.620% |
| 246 | 14.508 | 14.499 | 14.521 | HH | 25558      | 328537  | 6.94%   | 0.281% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 247        | 14.544 | 14.521 | 14.565 | HH | 56998  | 982018  | 20.73% | 0.840% |
| 248        | 14.585 | 14.565 | 14.600 | HH | 28956  | 528798  | 11.16% | 0.452% |
| 249        | 14.605 | 14.600 | 14.637 | HH | 25847  | 465437  | 9.83%  | 0.398% |
| 250        | 14.667 | 14.637 | 14.687 | HH | 22692  | 584051  | 12.33% | 0.500% |
| 251        | 14.715 | 14.687 | 14.786 | HH | 50704  | 1606593 | 33.92% | 1.374% |
| 252        | 14.810 | 14.786 | 14.828 | HH | 27296  | 546605  | 11.54% | 0.468% |
| 253        | 14.859 | 14.828 | 14.879 | HH | 157256 | 2286687 | 48.28% | 1.956% |
| 254        | 14.901 | 14.879 | 14.932 | HH | 143775 | 2102015 | 44.38% | 1.798% |
| 255        | 14.944 | 14.932 | 14.981 | HH | 22989  | 622073  | 13.13% | 0.532% |
| 256        | 15.020 | 14.981 | 15.054 | HH | 54130  | 1410433 | 29.78% | 1.207% |
| 257        | 15.061 | 15.054 | 15.078 | HH | 26933  | 372702  | 7.87%  | 0.319% |
| 258        | 15.097 | 15.078 | 15.132 | HH | 32129  | 827743  | 17.48% | 0.708% |
| 259        | 15.158 | 15.132 | 15.186 | HH | 34100  | 896528  | 18.93% | 0.767% |
| 260        | 15.205 | 15.186 | 15.254 | HH | 32811  | 1100150 | 23.23% | 0.941% |
| 261        | 15.300 | 15.254 | 15.365 | HH | 43861  | 1921421 | 40.57% | 1.644% |
| 262        | 15.371 | 15.365 | 15.390 | HH | 23423  | 342310  | 7.23%  | 0.293% |
| 263        | 15.407 | 15.390 | 15.414 | HH | 24018  | 327070  | 6.91%  | 0.280% |
| 264        | 15.447 | 15.414 | 15.470 | HH | 28844  | 900399  | 19.01% | 0.770% |
| 265        | 15.491 | 15.470 | 15.509 | HH | 32818  | 684139  | 14.44% | 0.585% |
| 266        | 15.534 | 15.509 | 15.554 | HH | 63611  | 1154045 | 24.37% | 0.987% |
| 267        | 15.572 | 15.554 | 15.599 | HH | 42171  | 914270  | 19.30% | 0.782% |
| 268        | 15.618 | 15.599 | 15.636 | HH | 36773  | 722777  | 15.26% | 0.618% |
| 269        | 15.696 | 15.636 | 15.732 | HH | 51732  | 2221642 | 46.91% | 1.901% |
| 270        | 15.771 | 15.732 | 15.804 | HH | 35783  | 1313243 | 27.73% | 1.123% |
| 271        | 15.816 | 15.804 | 15.840 | HH | 29390  | 629307  | 13.29% | 0.538% |
| 272        | 15.857 | 15.840 | 15.877 | HH | 32717  | 680077  | 14.36% | 0.582% |
| 273        | 15.893 | 15.877 | 15.914 | HH | 33034  | 682904  | 14.42% | 0.584% |
| 274        | 15.959 | 15.914 | 15.999 | HH | 34278  | 1613647 | 34.07% | 1.380% |
| 275        | 16.012 | 15.999 | 16.023 | HH | 29746  | 432475  | 9.13%  | 0.370% |
| 276        | 16.041 | 16.023 | 16.054 | HH | 31097  | 552690  | 11.67% | 0.473% |
| 277        | 16.070 | 16.054 | 16.085 | HH | 31193  | 575583  | 12.15% | 0.492% |
| 278        | 16.139 | 16.085 | 16.161 | HH | 37709  | 1502931 | 31.73% | 1.286% |
| 279        | 16.175 | 16.161 | 16.188 | HH | 35286  | 557902  | 11.78% | 0.477% |
| 280        | 16.212 | 16.188 | 16.222 | HH | 37406  | 734419  | 15.51% | 0.628% |
| 281        | 16.243 | 16.222 | 16.272 | HH | 40838  | 1142222 | 24.12% | 0.977% |
| 282        | 16.341 | 16.272 | 16.374 | HH | 44069  | 2400787 | 50.69% | 2.054% |
| 283        | 16.426 | 16.374 | 16.444 | HH | 145547 | 3090771 | 65.25% | 2.644% |
| 284        | 16.452 | 16.444 | 16.491 | HH | 85284  | 1596189 | 33.70% | 1.366% |
| 285        | 16.510 | 16.491 | 16.515 | HH | 39534  | 573291  | 12.10% | 0.490% |
| 286        | 16.556 | 16.515 | 16.579 | HH | 65704  | 1817346 | 38.37% | 1.555% |
| 287        | 16.592 | 16.579 | 16.611 | HH | 44642  | 835886  | 17.65% | 0.715% |
| 288        | 16.615 | 16.611 | 16.629 | HH | 42187  | 448733  | 9.47%  | 0.384% |
| 289        | 16.649 | 16.629 | 16.662 | HH | 42313  | 816915  | 17.25% | 0.699% |
| 290        | 16.674 | 16.662 | 16.687 | HH | 43735  | 651129  | 13.75% | 0.557% |
| 291        | 16.748 | 16.687 | 16.776 | HH | 108051 | 3323180 | 70.16% | 2.843% |
| 292        | 16.807 | 16.776 | 16.848 | HH | 139096 | 3094488 | 65.33% | 2.647% |
| 293        | 16.873 | 16.848 | 16.878 | HH | 47968  | 836422  | 17.66% | 0.716% |
| 294        | 16.907 | 16.878 | 16.940 | HH | 72632  | 2149554 | 45.38% | 1.839% |
| 295        | 16.958 | 16.940 | 16.985 | HH | 52745  | 1360031 | 28.71% | 1.163% |

Sum of corrected areas: 116891978