

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF111918\  
 Data File : FF002740.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Nov 2018 19:11  
 Sample : J5774-01 10X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF111418.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         | 4.374       | 4.342        | 4.398      | BH       | 924            | 10188        | 0.07%          | 0.014%        |
| 2         | 4.414       | 4.398        | 4.432      | PH       | 357            | 2432         | 0.02%          | 0.003%        |
| 3         | 4.448       | 4.432        | 4.464      | PH       | 258            | 2419         | 0.02%          | 0.003%        |
| 4         | 4.477       | 4.464        | 4.500      | HH       | 187            | 909          | 0.01%          | 0.001%        |
| 5         | 4.525       | 4.500        | 4.556      | PH       | 226            | 2435         | 0.02%          | 0.003%        |
| 6         | 4.572       | 4.556        | 4.587      | PH       | 320            | 3242         | 0.02%          | 0.004%        |
| 7         | 4.594       | 4.587        | 4.612      | HH       | 254            | 2451         | 0.02%          | 0.003%        |
| 8         | 4.629       | 4.612        | 4.644      | HH       | 437            | 3885         | 0.03%          | 0.005%        |
| 9         | 4.656       | 4.644        | 4.669      | PH       | 337            | 3084         | 0.02%          | 0.004%        |
| 10        | 4.705       | 4.669        | 4.719      | HH       | 407            | 8565         | 0.06%          | 0.012%        |
| 11        | 4.726       | 4.719        | 4.734      | HH       | 218            | 1457         | 0.01%          | 0.002%        |
| 12        | 4.752       | 4.734        | 4.767      | HH       | 694            | 6802         | 0.05%          | 0.009%        |
| 13        | 4.782       | 4.767        | 4.813      | HH       | 579            | 9506         | 0.06%          | 0.013%        |
| 14        | 4.845       | 4.813        | 4.864      | HH       | 1427           | 22396        | 0.15%          | 0.030%        |
| 15        | 4.872       | 4.864        | 4.884      | HH       | 213            | 2004         | 0.01%          | 0.003%        |
| 16        | 4.900       | 4.884        | 4.926      | HH       | 570            | 5774         | 0.04%          | 0.008%        |
| 17        | 4.933       | 4.926        | 4.952      | HH       | 216            | 1071         | 0.01%          | 0.001%        |
| 18        | 4.982       | 4.952        | 4.995      | PH       | 429            | 5812         | 0.04%          | 0.008%        |
| 19        | 5.017       | 4.995        | 5.042      | HH       | 897            | 13111        | 0.09%          | 0.018%        |
| 20        | 5.061       | 5.042        | 5.078      | HH       | 620            | 8647         | 0.06%          | 0.012%        |
| 21        | 5.091       | 5.078        | 5.104      | HH       | 1021           | 9381         | 0.06%          | 0.013%        |
| 22        | 5.119       | 5.104        | 5.135      | HH       | 830            | 10470        | 0.07%          | 0.014%        |
| 23        | 5.143       | 5.135        | 5.162      | HH       | 392            | 4243         | 0.03%          | 0.006%        |
| 24        | 5.169       | 5.162        | 5.192      | HH       | 204            | 2381         | 0.02%          | 0.003%        |
| 25        | 5.212       | 5.192        | 5.223      | PH       | 669            | 6773         | 0.05%          | 0.009%        |
| 26        | 5.235       | 5.223        | 5.261      | HH       | 579            | 8938         | 0.06%          | 0.012%        |
| 27        | 5.279       | 5.261        | 5.291      | HH       | 1091           | 12925        | 0.09%          | 0.017%        |
| 28        | 5.303       | 5.291        | 5.320      | HH       | 1219           | 13098        | 0.09%          | 0.018%        |
| 29        | 5.330       | 5.320        | 5.341      | HH       | 466            | 4152         | 0.03%          | 0.006%        |
| 30        | 5.362       | 5.341        | 5.383      | HH       | 730            | 9645         | 0.07%          | 0.013%        |
| 31        | 5.413       | 5.383        | 5.424      | PH       | 2971           | 31808        | 0.22%          | 0.043%        |
| 32        | 5.436       | 5.424        | 5.462      | HH       | 3235           | 39250        | 0.27%          | 0.053%        |
| 33        | 5.480       | 5.462        | 5.513      | HH       | 613            | 9770         | 0.07%          | 0.013%        |
| 34        | 5.538       | 5.513        | 5.557      | HH       | 335            | 6058         | 0.04%          | 0.008%        |
| 35        | 5.565       | 5.557        | 5.574      | HH       | 291            | 2452         | 0.02%          | 0.003%        |
| 36        | 5.594       | 5.574        | 5.619      | HH       | 2618           | 32997        | 0.22%          | 0.045%        |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 5.627 | 5.619 | 5.644 | HH | 574   | 5698   | 0.04% | 0.008% |
| 38         | 5.693 | 5.644 | 5.706 | HH | 2363  | 43197  | 0.29% | 0.058% |
| 39         | 5.710 | 5.706 | 5.733 | HH | 1753  | 17699  | 0.12% | 0.024% |
| 40         | 5.747 | 5.733 | 5.753 | HH | 750   | 7613   | 0.05% | 0.010% |
| 41         | 5.757 | 5.753 | 5.769 | HH | 701   | 5867   | 0.04% | 0.008% |
| 42         | 5.784 | 5.769 | 5.798 | HH | 2205  | 24990  | 0.17% | 0.034% |
| 43         | 5.805 | 5.798 | 5.842 | HH | 1227  | 23725  | 0.16% | 0.032% |
| 44         | 5.864 | 5.842 | 5.888 | HH | 1548  | 23685  | 0.16% | 0.032% |
| 45         | 5.909 | 5.888 | 5.938 | HH | 1615  | 30928  | 0.21% | 0.042% |
| 46         | 5.960 | 5.938 | 5.978 | HH | 1412  | 23387  | 0.16% | 0.032% |
| 47         | 6.006 | 5.978 | 6.032 | HH | 1845  | 38063  | 0.26% | 0.051% |
| 48         | 6.052 | 6.032 | 6.072 | HH | 1560  | 22622  | 0.15% | 0.031% |
| 49         | 6.095 | 6.072 | 6.126 | HH | 2301  | 53829  | 0.36% | 0.073% |
| 50         | 6.138 | 6.126 | 6.162 | HH | 1991  | 34409  | 0.23% | 0.046% |
| 51         | 6.178 | 6.162 | 6.207 | HH | 2199  | 37931  | 0.26% | 0.051% |
| 52         | 6.229 | 6.207 | 6.250 | HH | 2296  | 37014  | 0.25% | 0.050% |
| 53         | 6.274 | 6.250 | 6.287 | HH | 1256  | 21028  | 0.14% | 0.028% |
| 54         | 6.327 | 6.287 | 6.358 | HH | 3242  | 68743  | 0.46% | 0.093% |
| 55         | 6.393 | 6.358 | 6.443 | HH | 4995  | 100743 | 0.68% | 0.136% |
| 56         | 6.454 | 6.443 | 6.463 | HH | 897   | 10055  | 0.07% | 0.014% |
| 57         | 6.480 | 6.463 | 6.492 | HH | 1308  | 18518  | 0.13% | 0.025% |
| 58         | 6.507 | 6.492 | 6.526 | HH | 1795  | 30246  | 0.20% | 0.041% |
| 59         | 6.542 | 6.526 | 6.574 | HH | 2875  | 53170  | 0.36% | 0.072% |
| 60         | 6.589 | 6.574 | 6.604 | HH | 2472  | 32476  | 0.22% | 0.044% |
| 61         | 6.613 | 6.604 | 6.626 | HH | 1439  | 16349  | 0.11% | 0.022% |
| 62         | 6.669 | 6.626 | 6.690 | HH | 3855  | 74144  | 0.50% | 0.100% |
| 63         | 6.729 | 6.690 | 6.762 | HH | 2380  | 63452  | 0.43% | 0.086% |
| 64         | 6.791 | 6.762 | 6.816 | HH | 7316  | 103631 | 0.70% | 0.140% |
| 65         | 6.826 | 6.816 | 6.844 | HH | 2038  | 21886  | 0.15% | 0.030% |
| 66         | 6.861 | 6.844 | 6.877 | HH | 2179  | 34335  | 0.23% | 0.046% |
| 67         | 6.910 | 6.877 | 6.931 | HH | 3482  | 74429  | 0.50% | 0.100% |
| 68         | 6.951 | 6.931 | 6.976 | HH | 4564  | 70045  | 0.47% | 0.094% |
| 69         | 7.018 | 6.976 | 7.039 | HH | 5042  | 110670 | 0.75% | 0.149% |
| 70         | 7.055 | 7.039 | 7.075 | HH | 2725  | 44305  | 0.30% | 0.060% |
| 71         | 7.095 | 7.075 | 7.132 | HH | 4554  | 89998  | 0.61% | 0.121% |
| 72         | 7.151 | 7.132 | 7.177 | HH | 2969  | 60437  | 0.41% | 0.082% |
| 73         | 7.193 | 7.177 | 7.210 | HH | 2211  | 34967  | 0.24% | 0.047% |
| 74         | 7.223 | 7.210 | 7.237 | HH | 1916  | 27402  | 0.19% | 0.037% |
| 75         | 7.249 | 7.237 | 7.258 | HH | 1751  | 20895  | 0.14% | 0.028% |
| 76         | 7.295 | 7.258 | 7.303 | HH | 7252  | 101578 | 0.69% | 0.137% |
| 77         | 7.316 | 7.303 | 7.340 | HH | 11032 | 145340 | 0.98% | 0.196% |
| 78         | 7.355 | 7.340 | 7.377 | HH | 3260  | 61987  | 0.42% | 0.084% |
| 79         | 7.386 | 7.377 | 7.427 | HH | 2914  | 70078  | 0.47% | 0.095% |
| 80         | 7.441 | 7.427 | 7.450 | HH | 2272  | 23168  | 0.16% | 0.031% |
| 81         | 7.456 | 7.450 | 7.459 | HH | 1662  | 8403   | 0.06% | 0.011% |
| 82         | 7.488 | 7.459 | 7.526 | HH | 5858  | 134877 | 0.91% | 0.182% |
| 83         | 7.541 | 7.526 | 7.561 | HH | 3404  | 50183  | 0.34% | 0.068% |
| 84         | 7.584 | 7.561 | 7.596 | HH | 2355  | 38606  | 0.26% | 0.052% |
| 85         | 7.628 | 7.596 | 7.639 | HH | 3829  | 67062  | 0.45% | 0.090% |
| 86         | 7.646 | 7.639 | 7.666 | HH | 3143  | 42164  | 0.29% | 0.057% |
| 87         | 7.684 | 7.666 | 7.714 | HH | 2892  | 74141  | 0.50% | 0.100% |
| 88         | 7.742 | 7.714 | 7.759 | HH | 4231  | 87963  | 0.59% | 0.119% |
| 89         | 7.788 | 7.759 | 7.810 | HH | 3612  | 96816  | 0.65% | 0.131% |

|            |        |       |        |    |       |        |       |        |
|------------|--------|-------|--------|----|-------|--------|-------|--------|
| rteres.txt |        |       |        |    |       |        |       |        |
| 90         | 7.834  | 7.810 | 7.855  | HH | 4120  | 80118  | 0.54% | 0.108% |
| 91         | 7.881  | 7.855 | 7.899  | HH | 4549  | 82827  | 0.56% | 0.112% |
| 92         | 7.917  | 7.899 | 7.928  | HH | 5616  | 73267  | 0.50% | 0.099% |
| 93         | 7.940  | 7.928 | 7.962  | HH | 6121  | 84428  | 0.57% | 0.114% |
| 94         | 8.006  | 7.962 | 8.041  | HH | 6005  | 158055 | 1.07% | 0.213% |
| 95         | 8.059  | 8.041 | 8.077  | HH | 2731  | 53880  | 0.36% | 0.073% |
| 96         | 8.098  | 8.077 | 8.102  | HH | 4818  | 55675  | 0.38% | 0.075% |
| 97         | 8.117  | 8.102 | 8.148  | HH | 5408  | 134820 | 0.91% | 0.182% |
| 98         | 8.186  | 8.148 | 8.211  | HH | 15565 | 279269 | 1.89% | 0.377% |
| 99         | 8.240  | 8.211 | 8.265  | HH | 4707  | 133928 | 0.91% | 0.181% |
| 100        | 8.289  | 8.265 | 8.312  | HH | 5401  | 116124 | 0.79% | 0.157% |
| 101        | 8.344  | 8.312 | 8.359  | HH | 4544  | 100713 | 0.68% | 0.136% |
| 102        | 8.370  | 8.359 | 8.385  | HH | 4245  | 57813  | 0.39% | 0.078% |
| 103        | 8.404  | 8.385 | 8.445  | HH | 5673  | 135337 | 0.92% | 0.183% |
| 104        | 8.476  | 8.445 | 8.496  | HH | 3456  | 86153  | 0.58% | 0.116% |
| 105        | 8.510  | 8.496 | 8.526  | HH | 2877  | 46617  | 0.32% | 0.063% |
| 106        | 8.558  | 8.526 | 8.569  | HH | 4124  | 91256  | 0.62% | 0.123% |
| 107        | 8.583  | 8.569 | 8.591  | HH | 3968  | 49341  | 0.33% | 0.067% |
| 108        | 8.608  | 8.591 | 8.617  | HH | 4597  | 69959  | 0.47% | 0.094% |
| 109        | 8.634  | 8.617 | 8.656  | HH | 5023  | 103813 | 0.70% | 0.140% |
| 110        | 8.676  | 8.656 | 8.692  | HH | 4725  | 88738  | 0.60% | 0.120% |
| 111        | 8.722  | 8.692 | 8.748  | HH | 8401  | 173676 | 1.17% | 0.234% |
| 112        | 8.776  | 8.748 | 8.791  | HH | 4972  | 97528  | 0.66% | 0.132% |
| 113        | 8.800  | 8.791 | 8.810  | HH | 3542  | 38427  | 0.26% | 0.052% |
| 114        | 8.827  | 8.810 | 8.849  | HH | 4397  | 89522  | 0.61% | 0.121% |
| 115        | 8.868  | 8.849 | 8.885  | HH | 4214  | 80196  | 0.54% | 0.108% |
| 116        | 8.903  | 8.885 | 8.917  | HH | 3888  | 65212  | 0.44% | 0.088% |
| 117        | 8.947  | 8.917 | 8.967  | HH | 4419  | 118113 | 0.80% | 0.159% |
| 118        | 9.008  | 8.967 | 9.073  | HH | 20668 | 428200 | 2.90% | 0.578% |
| 119        | 9.096  | 9.073 | 9.116  | HH | 4597  | 96679  | 0.65% | 0.130% |
| 120        | 9.150  | 9.116 | 9.171  | HH | 4578  | 119131 | 0.81% | 0.161% |
| 121        | 9.206  | 9.171 | 9.220  | HH | 4536  | 112279 | 0.76% | 0.151% |
| 122        | 9.235  | 9.220 | 9.257  | HH | 4536  | 84052  | 0.57% | 0.113% |
| 123        | 9.262  | 9.257 | 9.272  | HH | 3581  | 31162  | 0.21% | 0.042% |
| 124        | 9.289  | 9.272 | 9.306  | HH | 4852  | 82093  | 0.56% | 0.111% |
| 125        | 9.310  | 9.306 | 9.322  | HH | 3703  | 34702  | 0.23% | 0.047% |
| 126        | 9.338  | 9.322 | 9.354  | HH | 4028  | 68609  | 0.46% | 0.093% |
| 127        | 9.383  | 9.354 | 9.412  | HH | 7008  | 180258 | 1.22% | 0.243% |
| 128        | 9.429  | 9.412 | 9.436  | HH | 4473  | 60018  | 0.41% | 0.081% |
| 129        | 9.451  | 9.436 | 9.459  | HH | 5461  | 71081  | 0.48% | 0.096% |
| 130        | 9.469  | 9.459 | 9.490  | HH | 5933  | 90169  | 0.61% | 0.122% |
| 131        | 9.514  | 9.490 | 9.534  | HH | 6023  | 119432 | 0.81% | 0.161% |
| 132        | 9.567  | 9.534 | 9.591  | HH | 5957  | 159604 | 1.08% | 0.215% |
| 133        | 9.612  | 9.591 | 9.626  | HH | 3633  | 70029  | 0.47% | 0.094% |
| 134        | 9.632  | 9.626 | 9.642  | HH | 3393  | 31619  | 0.21% | 0.043% |
| 135        | 9.664  | 9.642 | 9.680  | HH | 3469  | 78062  | 0.53% | 0.105% |
| 136        | 9.741  | 9.680 | 9.763  | HH | 5580  | 218991 | 1.48% | 0.295% |
| 137        | 9.786  | 9.763 | 9.837  | HH | 24185 | 388153 | 2.63% | 0.524% |
| 138        | 9.861  | 9.837 | 9.876  | HH | 4198  | 87256  | 0.59% | 0.118% |
| 139        | 9.889  | 9.876 | 9.932  | HH | 4022  | 114478 | 0.77% | 0.154% |
| 140        | 9.959  | 9.932 | 9.982  | HH | 4181  | 104449 | 0.71% | 0.141% |
| 141        | 10.001 | 9.982 | 10.008 | HH | 3160  | 46060  | 0.31% | 0.062% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 10.033 | 10.008 | 10.044 | HH | 3378   | 69488   | 0.47%  | 0.094% |
| 143        | 10.060 | 10.044 | 10.083 | HH | 3637   | 76034   | 0.51%  | 0.103% |
| 144        | 10.134 | 10.083 | 10.148 | HH | 5114   | 155094  | 1.05%  | 0.209% |
| 145        | 10.177 | 10.148 | 10.202 | HH | 10665  | 223304  | 1.51%  | 0.301% |
|            |        |        |        |    |        |         |        |        |
| 146        | 10.225 | 10.202 | 10.242 | HH | 5872   | 116073  | 0.79%  | 0.157% |
| 147        | 10.263 | 10.242 | 10.279 | HH | 5930   | 113990  | 0.77%  | 0.154% |
| 148        | 10.293 | 10.279 | 10.303 | HH | 4810   | 64421   | 0.44%  | 0.087% |
| 149        | 10.320 | 10.303 | 10.344 | HH | 5901   | 113726  | 0.77%  | 0.153% |
| 150        | 10.366 | 10.344 | 10.399 | HH | 4139   | 121820  | 0.82%  | 0.164% |
|            |        |        |        |    |        |         |        |        |
| 151        | 10.426 | 10.399 | 10.444 | HH | 4847   | 111750  | 0.76%  | 0.151% |
| 152        | 10.462 | 10.444 | 10.486 | HH | 4308   | 100777  | 0.68%  | 0.136% |
| 153        | 10.526 | 10.486 | 10.557 | HH | 23639  | 408494  | 2.76%  | 0.551% |
| 154        | 10.598 | 10.557 | 10.629 | HH | 10857  | 296521  | 2.01%  | 0.400% |
| 155        | 10.639 | 10.629 | 10.685 | HH | 4704   | 131541  | 0.89%  | 0.177% |
|            |        |        |        |    |        |         |        |        |
| 156        | 10.734 | 10.685 | 10.747 | HH | 3807   | 132198  | 0.89%  | 0.178% |
| 157        | 10.771 | 10.747 | 10.797 | HH | 9422   | 172052  | 1.16%  | 0.232% |
| 158        | 10.803 | 10.797 | 10.822 | HH | 4141   | 57851   | 0.39%  | 0.078% |
| 159        | 10.847 | 10.822 | 10.885 | HH | 6729   | 187805  | 1.27%  | 0.253% |
| 160        | 10.915 | 10.885 | 10.960 | HH | 6001   | 211127  | 1.43%  | 0.285% |
|            |        |        |        |    |        |         |        |        |
| 161        | 10.982 | 10.960 | 11.011 | HH | 5263   | 127968  | 0.87%  | 0.173% |
| 162        | 11.033 | 11.011 | 11.052 | HH | 4706   | 99208   | 0.67%  | 0.134% |
| 163        | 11.080 | 11.052 | 11.104 | HH | 4456   | 119660  | 0.81%  | 0.161% |
| 164        | 11.169 | 11.104 | 11.187 | HH | 4013   | 185977  | 1.26%  | 0.251% |
| 165        | 11.229 | 11.187 | 11.271 | HH | 20767  | 398970  | 2.70%  | 0.538% |
|            |        |        |        |    |        |         |        |        |
| 166        | 11.321 | 11.271 | 11.356 | HH | 9177   | 284062  | 1.92%  | 0.383% |
| 167        | 11.377 | 11.356 | 11.402 | HH | 3644   | 99425   | 0.67%  | 0.134% |
| 168        | 11.425 | 11.402 | 11.447 | HH | 4742   | 106248  | 0.72%  | 0.143% |
| 169        | 11.467 | 11.447 | 11.486 | HH | 4018   | 86321   | 0.58%  | 0.116% |
| 170        | 11.525 | 11.486 | 11.549 | HH | 5297   | 167813  | 1.14%  | 0.226% |
|            |        |        |        |    |        |         |        |        |
| 171        | 11.577 | 11.549 | 11.592 | HH | 5958   | 131398  | 0.89%  | 0.177% |
| 172        | 11.606 | 11.592 | 11.647 | HH | 6240   | 177435  | 1.20%  | 0.239% |
| 173        | 11.667 | 11.647 | 11.677 | HH | 5462   | 85958   | 0.58%  | 0.116% |
| 174        | 11.690 | 11.677 | 11.704 | HH | 5575   | 84130   | 0.57%  | 0.113% |
| 175        | 11.720 | 11.704 | 11.740 | HH | 6553   | 117097  | 0.79%  | 0.158% |
|            |        |        |        |    |        |         |        |        |
| 176        | 11.757 | 11.740 | 11.772 | HH | 5663   | 96222   | 0.65%  | 0.130% |
| 177        | 11.789 | 11.772 | 11.812 | HH | 6516   | 122550  | 0.83%  | 0.165% |
| 178        | 11.833 | 11.812 | 11.852 | HH | 4047   | 92508   | 0.63%  | 0.125% |
| 179        | 11.901 | 11.852 | 11.923 | HH | 19090  | 364285  | 2.46%  | 0.491% |
| 180        | 11.954 | 11.923 | 12.029 | HH | 285268 | 3437411 | 23.25% | 4.637% |
|            |        |        |        |    |        |         |        |        |
| 181        | 12.050 | 12.029 | 12.067 | HH | 4294   | 93047   | 0.63%  | 0.126% |
| 182        | 12.078 | 12.067 | 12.087 | HH | 3854   | 44922   | 0.30%  | 0.061% |
| 183        | 12.110 | 12.087 | 12.142 | HH | 4800   | 137866  | 0.93%  | 0.186% |
| 184        | 12.176 | 12.142 | 12.233 | HH | 4746   | 231273  | 1.56%  | 0.312% |
| 185        | 12.254 | 12.233 | 12.269 | HH | 4849   | 97970   | 0.66%  | 0.132% |
|            |        |        |        |    |        |         |        |        |
| 186        | 12.280 | 12.269 | 12.294 | HH | 4809   | 69869   | 0.47%  | 0.094% |
| 187        | 12.315 | 12.294 | 12.346 | HH | 5568   | 145026  | 0.98%  | 0.196% |
| 188        | 12.366 | 12.346 | 12.402 | HH | 5820   | 166012  | 1.12%  | 0.224% |
| 189        | 12.421 | 12.402 | 12.446 | HH | 7158   | 138718  | 0.94%  | 0.187% |
| 190        | 12.477 | 12.446 | 12.496 | HH | 6993   | 158881  | 1.07%  | 0.214% |
|            |        |        |        |    |        |         |        |        |
| 191        | 12.542 | 12.496 | 12.567 | HH | 17720  | 355497  | 2.40%  | 0.480% |
| 192        | 12.591 | 12.567 | 12.649 | HH | 18840  | 371283  | 2.51%  | 0.501% |
| 193        | 12.690 | 12.649 | 12.709 | HH | 4258   | 143885  | 0.97%  | 0.194% |
| 194        | 12.724 | 12.709 | 12.743 | HH | 4448   | 84451   | 0.57%  | 0.114% |

|     |        |        |        |    |            |          |         |         |
|-----|--------|--------|--------|----|------------|----------|---------|---------|
|     |        |        |        |    | rteres.txt |          |         |         |
| 195 | 12.796 | 12.743 | 12.815 | HH | 5462       | 198391   | 1.34%   | 0.268%  |
| 196 | 12.848 | 12.815 | 12.867 | HH | 7234       | 179005   | 1.21%   | 0.241%  |
| 197 | 12.889 | 12.867 | 12.927 | HH | 16375      | 318358   | 2.15%   | 0.429%  |
| 198 | 12.980 | 12.927 | 13.011 | HH | 1043100    | 14785172 | 100.00% | 19.943% |
| 199 | 13.034 | 13.011 | 13.112 | HH | 617658     | 8510711  | 57.56%  | 11.480% |
| 200 | 13.156 | 13.112 | 13.178 | HH | 15705      | 345217   | 2.33%   | 0.466%  |
| 201 | 13.209 | 13.178 | 13.259 | HH | 115601     | 1670490  | 11.30%  | 2.253%  |
| 202 | 13.267 | 13.259 | 13.284 | HH | 9092       | 121328   | 0.82%   | 0.164%  |
| 203 | 13.297 | 13.284 | 13.341 | HH | 7796       | 228157   | 1.54%   | 0.308%  |
| 204 | 13.373 | 13.341 | 13.443 | HH | 7329       | 381568   | 2.58%   | 0.515%  |
| 205 | 13.502 | 13.443 | 13.534 | HH | 23900      | 588498   | 3.98%   | 0.794%  |
| 206 | 13.540 | 13.534 | 13.561 | HH | 6483       | 99809    | 0.68%   | 0.135%  |
| 207 | 13.612 | 13.561 | 13.654 | HH | 9164       | 419130   | 2.83%   | 0.565%  |
| 208 | 13.676 | 13.654 | 13.702 | HH | 7056       | 183942   | 1.24%   | 0.248%  |
| 209 | 13.743 | 13.702 | 13.779 | HH | 15193      | 425361   | 2.88%   | 0.574%  |
| 210 | 13.799 | 13.779 | 13.827 | HH | 8523       | 218209   | 1.48%   | 0.294%  |
| 211 | 13.856 | 13.827 | 13.892 | HH | 8232       | 272020   | 1.84%   | 0.367%  |
| 212 | 13.907 | 13.892 | 13.920 | HH | 6007       | 100262   | 0.68%   | 0.135%  |
| 213 | 13.963 | 13.920 | 13.977 | HH | 7734       | 238041   | 1.61%   | 0.321%  |
| 214 | 14.003 | 13.977 | 14.024 | HH | 23185      | 411693   | 2.78%   | 0.555%  |
| 215 | 14.039 | 14.024 | 14.071 | HH | 12660      | 294645   | 1.99%   | 0.397%  |
| 216 | 14.098 | 14.071 | 14.119 | HH | 10627      | 265123   | 1.79%   | 0.358%  |
| 217 | 14.149 | 14.119 | 14.170 | HH | 13643      | 328981   | 2.23%   | 0.444%  |
| 218 | 14.197 | 14.170 | 14.212 | HH | 17802      | 350369   | 2.37%   | 0.473%  |
| 219 | 14.225 | 14.212 | 14.277 | HH | 14583      | 439665   | 2.97%   | 0.593%  |
| 220 | 14.307 | 14.277 | 14.339 | HH | 21798      | 516896   | 3.50%   | 0.697%  |
| 221 | 14.362 | 14.339 | 14.387 | HH | 23398      | 438428   | 2.97%   | 0.591%  |
| 222 | 14.419 | 14.387 | 14.442 | HH | 13553      | 354927   | 2.40%   | 0.479%  |
| 223 | 14.470 | 14.442 | 14.496 | HH | 13350      | 336240   | 2.27%   | 0.454%  |
| 224 | 14.523 | 14.496 | 14.571 | HH | 10151      | 401934   | 2.72%   | 0.542%  |
| 225 | 14.584 | 14.571 | 14.610 | HH | 8930       | 197653   | 1.34%   | 0.267%  |
| 226 | 14.645 | 14.610 | 14.678 | HH | 17078      | 451142   | 3.05%   | 0.609%  |
| 227 | 14.770 | 14.678 | 14.790 | HH | 15397      | 661664   | 4.48%   | 0.893%  |
| 228 | 14.814 | 14.790 | 14.827 | HH | 17180      | 311407   | 2.11%   | 0.420%  |
| 229 | 14.844 | 14.827 | 14.881 | HH | 18471      | 440373   | 2.98%   | 0.594%  |
| 230 | 14.905 | 14.881 | 14.917 | HH | 10148      | 208201   | 1.41%   | 0.281%  |
| 231 | 14.932 | 14.917 | 14.959 | HH | 10941      | 249854   | 1.69%   | 0.337%  |
| 232 | 14.978 | 14.959 | 14.992 | HH | 10269      | 195107   | 1.32%   | 0.263%  |
| 233 | 15.005 | 14.992 | 15.030 | HH | 10643      | 226148   | 1.53%   | 0.305%  |
| 234 | 15.049 | 15.030 | 15.061 | HH | 10503      | 184010   | 1.24%   | 0.248%  |
| 235 | 15.084 | 15.061 | 15.112 | HH | 10951      | 317035   | 2.14%   | 0.428%  |
| 236 | 15.153 | 15.112 | 15.174 | HH | 11634      | 394326   | 2.67%   | 0.532%  |
| 237 | 15.228 | 15.174 | 15.264 | HH | 12324      | 610348   | 4.13%   | 0.823%  |
| 238 | 15.279 | 15.264 | 15.337 | HH | 11411      | 473945   | 3.21%   | 0.639%  |
| 239 | 15.369 | 15.337 | 15.397 | HH | 17340      | 459039   | 3.10%   | 0.619%  |
| 240 | 15.428 | 15.397 | 15.474 | HH | 19318      | 646518   | 4.37%   | 0.872%  |
| 241 | 15.483 | 15.474 | 15.523 | HH | 12042      | 337289   | 2.28%   | 0.455%  |
| 242 | 15.553 | 15.523 | 15.562 | HH | 11843      | 266171   | 1.80%   | 0.359%  |
| 243 | 15.614 | 15.562 | 15.654 | HH | 13201      | 674234   | 4.56%   | 0.909%  |
| 244 | 15.692 | 15.654 | 15.717 | HH | 12700      | 450238   | 3.05%   | 0.607%  |
| 245 | 15.751 | 15.717 | 15.759 | HH | 13204      | 323025   | 2.18%   | 0.436%  |
| 246 | 15.776 | 15.759 | 15.791 | HH | 13491      | 245249   | 1.66%   | 0.331%  |

|     |        |        |        |     |                         |         |          |        |
|-----|--------|--------|--------|-----|-------------------------|---------|----------|--------|
|     |        |        |        |     | rteres.txt              |         |          |        |
| 247 | 15.802 | 15.791 | 15.819 | HH  | 13220                   | 216149  | 1.46%    | 0.292% |
| 248 | 15.870 | 15.819 | 15.907 | HH  | 23075                   | 838615  | 5.67%    | 1.131% |
| 249 | 15.927 | 15.907 | 15.964 | HH  | 14142                   | 469804  | 3.18%    | 0.634% |
| 250 | 15.977 | 15.964 | 15.995 | HH  | 13632                   | 250467  | 1.69%    | 0.338% |
| 251 | 16.062 | 15.995 | 16.074 | HH  | 20830                   | 789671  | 5.34%    | 1.065% |
| 252 | 16.091 | 16.074 | 16.139 | HH  | 20106                   | 739898  | 5.00%    | 0.998% |
| 253 | 16.152 | 16.139 | 16.210 | HH  | 17613                   | 713782  | 4.83%    | 0.963% |
| 254 | 16.249 | 16.210 | 16.286 | HH  | 18125                   | 759861  | 5.14%    | 1.025% |
| 255 | 16.333 | 16.286 | 16.340 | HH  | 23737                   | 622483  | 4.21%    | 0.840% |
| 256 | 16.356 | 16.340 | 16.396 | HH  | 28317                   | 713345  | 4.82%    | 0.962% |
| 257 | 16.419 | 16.396 | 16.444 | HH  | 20063                   | 540449  | 3.66%    | 0.729% |
| 258 | 16.459 | 16.444 | 16.492 | HH  | 19834                   | 552179  | 3.73%    | 0.745% |
| 259 | 16.515 | 16.492 | 16.537 | HH  | 20072                   | 521050  | 3.52%    | 0.703% |
| 260 | 16.559 | 16.537 | 16.570 | HH  | 19364                   | 369170  | 2.50%    | 0.498% |
| 261 | 16.578 | 16.570 | 16.593 | HH  | 19582                   | 266371  | 1.80%    | 0.359% |
| 262 | 16.663 | 16.593 | 16.683 | HH  | 32316                   | 1267942 | 8.58%    | 1.710% |
| 263 | 16.705 | 16.683 | 16.759 | HH  | 41800                   | 1225336 | 8.29%    | 1.653% |
| 264 | 16.824 | 16.759 | 16.861 | HHA | 31770                   | 1488978 | 10.07%   | 2.008% |
|     |        |        |        |     | Sum of corrected areas: |         | 74135359 |        |

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