

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF100918\  
 Data File : FF002381.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Oct 2018 14:26  
 Sample : J5201-05 5X  
 Misc :  
 ALS Vial : 58 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         | 4.388       | 4.362        | 4.409      | BH       | 1645           | 15794        | 0.03%          | 0.007%        |
| 2         | 4.429       | 4.409        | 4.444      | HH       | 909            | 7584         | 0.02%          | 0.003%        |
| 3         | 4.458       | 4.444        | 4.485      | PH       | 493            | 5488         | 0.01%          | 0.002%        |
| 4         | 4.492       | 4.485        | 4.519      | HH       | 160            | 385          | 0.00%          | 0.000%        |
| 5         | 4.534       | 4.519        | 4.572      | PH       | 678            | 8499         | 0.02%          | 0.004%        |
| 6         | 4.608       | 4.572        | 4.629      | HH       | 969            | 18700        | 0.04%          | 0.008%        |
| 7         | 4.644       | 4.629        | 4.657      | HH       | 923            | 9121         | 0.02%          | 0.004%        |
| 8         | 4.672       | 4.657        | 4.685      | HH       | 770            | 7079         | 0.01%          | 0.003%        |
| 9         | 4.722       | 4.685        | 4.736      | HH       | 1284           | 21285        | 0.04%          | 0.010%        |
| 10        | 4.740       | 4.736        | 4.752      | HH       | 628            | 4528         | 0.01%          | 0.002%        |
| 11        | 4.766       | 4.752        | 4.782      | HH       | 1662           | 16287        | 0.03%          | 0.007%        |
| 12        | 4.804       | 4.782        | 4.826      | HH       | 1488           | 21951        | 0.04%          | 0.010%        |
| 13        | 4.843       | 4.826        | 4.850      | HH       | 1601           | 15471        | 0.03%          | 0.007%        |
| 14        | 4.862       | 4.850        | 4.881      | HH       | 2454           | 26715        | 0.05%          | 0.012%        |
| 15        | 4.888       | 4.881        | 4.899      | HH       | 442            | 4128         | 0.01%          | 0.002%        |
| 16        | 4.918       | 4.899        | 4.936      | HH       | 1388           | 17982        | 0.04%          | 0.008%        |
| 17        | 4.951       | 4.936        | 4.966      | HH       | 579            | 7551         | 0.02%          | 0.003%        |
| 18        | 5.000       | 4.966        | 5.009      | HH       | 953            | 13419        | 0.03%          | 0.006%        |
| 19        | 5.032       | 5.009        | 5.057      | HH       | 2269           | 39296        | 0.08%          | 0.018%        |
| 20        | 5.082       | 5.057        | 5.093      | HH       | 1536           | 23494        | 0.05%          | 0.011%        |
| 21        | 5.108       | 5.093        | 5.120      | HH       | 2833           | 28136        | 0.06%          | 0.013%        |
| 22        | 5.133       | 5.120        | 5.151      | HH       | 2487           | 29981        | 0.06%          | 0.014%        |
| 23        | 5.160       | 5.151        | 5.176      | HH       | 1351           | 13991        | 0.03%          | 0.006%        |
| 24        | 5.190       | 5.176        | 5.209      | HH       | 533            | 8035         | 0.02%          | 0.004%        |
| 25        | 5.230       | 5.209        | 5.238      | HH       | 1361           | 15467        | 0.03%          | 0.007%        |
| 26        | 5.249       | 5.238        | 5.276      | HH       | 1554           | 29311        | 0.06%          | 0.013%        |
| 27        | 5.297       | 5.276        | 5.308      | HH       | 2869           | 37781        | 0.08%          | 0.017%        |
| 28        | 5.320       | 5.308        | 5.337      | HH       | 3210           | 36643        | 0.07%          | 0.017%        |
| 29        | 5.349       | 5.337        | 5.361      | HH       | 1315           | 16394        | 0.03%          | 0.007%        |
| 30        | 5.379       | 5.361        | 5.400      | HH       | 2149           | 31536        | 0.06%          | 0.014%        |
| 31        | 5.429       | 5.400        | 5.442      | HH       | 8274           | 95781        | 0.19%          | 0.043%        |
| 32        | 5.455       | 5.442        | 5.479      | HH       | 7392           | 92180        | 0.18%          | 0.042%        |
| 33        | 5.496       | 5.479        | 5.534      | HH       | 2371           | 42751        | 0.09%          | 0.019%        |
| 34        | 5.556       | 5.534        | 5.568      | HH       | 1195           | 19857        | 0.04%          | 0.009%        |
| 35        | 5.580       | 5.568        | 5.592      | HH       | 1137           | 14315        | 0.03%          | 0.006%        |
| 36        | 5.613       | 5.592        | 5.634      | HH       | 6857           | 87393        | 0.18%          | 0.040%        |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 5.644 | 5.634 | 5.666 | HH | 2481  | 33299  | 0.07% | 0.015% |
| 38         | 5.711 | 5.666 | 5.722 | HH | 6538  | 114295 | 0.23% | 0.052% |
| 39         | 5.727 | 5.722 | 5.751 | HH | 5225  | 59141  | 0.12% | 0.027% |
| 40         | 5.764 | 5.751 | 5.785 | HH | 2920  | 47698  | 0.10% | 0.022% |
|            |       |       |       |    |       |        |       |        |
| 41         | 5.801 | 5.785 | 5.815 | HH | 6191  | 70736  | 0.14% | 0.032% |
| 42         | 5.825 | 5.815 | 5.829 | HH | 3292  | 25742  | 0.05% | 0.012% |
| 43         | 5.838 | 5.829 | 5.861 | HH | 3499  | 53405  | 0.11% | 0.024% |
| 44         | 5.882 | 5.861 | 5.906 | HH | 4501  | 75133  | 0.15% | 0.034% |
| 45         | 5.927 | 5.906 | 5.957 | HH | 4846  | 101965 | 0.20% | 0.046% |
|            |       |       |       |    |       |        |       |        |
| 46         | 5.979 | 5.957 | 5.997 | HH | 4030  | 73073  | 0.15% | 0.033% |
| 47         | 6.025 | 5.997 | 6.048 | HH | 5103  | 109562 | 0.22% | 0.050% |
| 48         | 6.069 | 6.048 | 6.091 | HH | 4375  | 76982  | 0.15% | 0.035% |
| 49         | 6.112 | 6.091 | 6.142 | HH | 6221  | 142979 | 0.29% | 0.065% |
| 50         | 6.156 | 6.142 | 6.180 | HH | 5432  | 102696 | 0.21% | 0.047% |
|            |       |       |       |    |       |        |       |        |
| 51         | 6.196 | 6.180 | 6.224 | HH | 5921  | 113442 | 0.23% | 0.051% |
| 52         | 6.248 | 6.224 | 6.271 | HH | 6566  | 125054 | 0.25% | 0.057% |
| 53         | 6.292 | 6.271 | 6.307 | HH | 3947  | 72534  | 0.15% | 0.033% |
| 54         | 6.346 | 6.307 | 6.376 | HH | 9329  | 214504 | 0.43% | 0.097% |
| 55         | 6.411 | 6.376 | 6.462 | HH | 12932 | 305716 | 0.61% | 0.139% |
|            |       |       |       |    |       |        |       |        |
| 56         | 6.474 | 6.462 | 6.481 | HH | 3452  | 35391  | 0.07% | 0.016% |
| 57         | 6.500 | 6.481 | 6.510 | HH | 4647  | 68464  | 0.14% | 0.031% |
| 58         | 6.525 | 6.510 | 6.544 | HH | 6056  | 103590 | 0.21% | 0.047% |
| 59         | 6.559 | 6.544 | 6.575 | HH | 8693  | 119526 | 0.24% | 0.054% |
| 60         | 6.583 | 6.575 | 6.592 | HH | 5101  | 50562  | 0.10% | 0.023% |
|            |       |       |       |    |       |        |       |        |
| 61         | 6.608 | 6.592 | 6.624 | HH | 7806  | 112091 | 0.22% | 0.051% |
| 62         | 6.633 | 6.624 | 6.643 | HH | 4717  | 50791  | 0.10% | 0.023% |
| 63         | 6.659 | 6.643 | 6.664 | HH | 4975  | 56375  | 0.11% | 0.026% |
| 64         | 6.687 | 6.664 | 6.708 | HH | 10470 | 175848 | 0.35% | 0.080% |
| 65         | 6.747 | 6.708 | 6.779 | HH | 7748  | 219914 | 0.44% | 0.100% |
|            |       |       |       |    |       |        |       |        |
| 66         | 6.810 | 6.779 | 6.835 | HH | 20543 | 311768 | 0.63% | 0.141% |
| 67         | 6.847 | 6.835 | 6.859 | HH | 5108  | 66522  | 0.13% | 0.030% |
| 68         | 6.880 | 6.859 | 6.897 | HH | 7360  | 132140 | 0.26% | 0.060% |
| 69         | 6.929 | 6.897 | 6.950 | HH | 10302 | 235588 | 0.47% | 0.107% |
| 70         | 6.970 | 6.950 | 6.997 | HH | 13299 | 222837 | 0.45% | 0.101% |
|            |       |       |       |    |       |        |       |        |
| 71         | 7.037 | 6.997 | 7.058 | HH | 14409 | 336254 | 0.67% | 0.152% |
| 72         | 7.073 | 7.058 | 7.094 | HH | 7954  | 139353 | 0.28% | 0.063% |
| 73         | 7.113 | 7.094 | 7.152 | HH | 14499 | 300307 | 0.60% | 0.136% |
| 74         | 7.170 | 7.152 | 7.195 | HH | 9534  | 193338 | 0.39% | 0.088% |
| 75         | 7.214 | 7.195 | 7.231 | HH | 8674  | 145622 | 0.29% | 0.066% |
|            |       |       |       |    |       |        |       |        |
| 76         | 7.241 | 7.231 | 7.254 | HH | 6352  | 85002  | 0.17% | 0.039% |
| 77         | 7.266 | 7.254 | 7.279 | HH | 6273  | 89054  | 0.18% | 0.040% |
| 78         | 7.314 | 7.279 | 7.323 | HH | 22609 | 333570 | 0.67% | 0.151% |
| 79         | 7.333 | 7.323 | 7.360 | HH | 26505 | 368437 | 0.74% | 0.167% |
| 80         | 7.374 | 7.360 | 7.395 | HH | 10656 | 198873 | 0.40% | 0.090% |
|            |       |       |       |    |       |        |       |        |
| 81         | 7.405 | 7.395 | 7.447 | HH | 10002 | 254069 | 0.51% | 0.115% |
| 82         | 7.458 | 7.447 | 7.467 | HH | 6310  | 70465  | 0.14% | 0.032% |
| 83         | 7.476 | 7.467 | 7.480 | HH | 6234  | 50208  | 0.10% | 0.023% |
| 84         | 7.507 | 7.480 | 7.519 | HH | 17847 | 272465 | 0.55% | 0.124% |
| 85         | 7.524 | 7.519 | 7.544 | HH | 13259 | 157330 | 0.32% | 0.071% |
|            |       |       |       |    |       |        |       |        |
| 86         | 7.561 | 7.544 | 7.580 | HH | 11294 | 180437 | 0.36% | 0.082% |
| 87         | 7.603 | 7.580 | 7.615 | HH | 8338  | 141586 | 0.28% | 0.064% |
| 88         | 7.647 | 7.615 | 7.659 | HH | 12651 | 245644 | 0.49% | 0.111% |
| 89         | 7.664 | 7.659 | 7.686 | HH | 10719 | 148508 | 0.30% | 0.067% |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 90         | 7.700 | 7.686 | 7.707 | HH | 9252  | 111684 | 0.22% | 0.051% |
| 91         | 7.715 | 7.707 | 7.736 | HH | 9699  | 152831 | 0.31% | 0.069% |
| 92         | 7.763 | 7.736 | 7.777 | HH | 12247 | 249078 | 0.50% | 0.113% |
| 93         | 7.809 | 7.777 | 7.826 | HH | 11725 | 303431 | 0.61% | 0.138% |
| 94         | 7.851 | 7.826 | 7.873 | HH | 13396 | 287162 | 0.58% | 0.130% |
| 95         | 7.900 | 7.873 | 7.918 | HH | 14238 | 285746 | 0.57% | 0.130% |
| 96         | 7.938 | 7.918 | 7.948 | HH | 17962 | 253412 | 0.51% | 0.115% |
| 97         | 7.958 | 7.948 | 7.985 | HH | 18559 | 289154 | 0.58% | 0.131% |
| 98         | 8.025 | 7.985 | 8.062 | HH | 20448 | 560641 | 1.12% | 0.254% |
| 99         | 8.083 | 8.062 | 8.097 | HH | 9751  | 193081 | 0.39% | 0.088% |
| 100        | 8.130 | 8.097 | 8.144 | HH | 20502 | 427647 | 0.86% | 0.194% |
| 101        | 8.155 | 8.144 | 8.168 | HH | 15960 | 203899 | 0.41% | 0.092% |
| 102        | 8.203 | 8.168 | 8.230 | HH | 36136 | 745181 | 1.49% | 0.338% |
| 103        | 8.259 | 8.230 | 8.285 | HH | 26091 | 553390 | 1.11% | 0.251% |
| 104        | 8.308 | 8.285 | 8.332 | HH | 17699 | 392187 | 0.79% | 0.178% |
| 105        | 8.366 | 8.332 | 8.379 | HH | 17078 | 357031 | 0.72% | 0.162% |
| 106        | 8.390 | 8.379 | 8.406 | HH | 14664 | 208154 | 0.42% | 0.094% |
| 107        | 8.423 | 8.406 | 8.464 | HH | 19925 | 474750 | 0.95% | 0.215% |
| 108        | 8.494 | 8.464 | 8.517 | HH | 12507 | 337082 | 0.68% | 0.153% |
| 109        | 8.530 | 8.517 | 8.543 | HH | 10766 | 156151 | 0.31% | 0.071% |
| 110        | 8.575 | 8.543 | 8.587 | HH | 14274 | 328360 | 0.66% | 0.149% |
| 111        | 8.602 | 8.587 | 8.611 | HH | 14748 | 198591 | 0.40% | 0.090% |
| 112        | 8.621 | 8.611 | 8.632 | HH | 15254 | 183360 | 0.37% | 0.083% |
| 113        | 8.651 | 8.632 | 8.676 | HH | 17354 | 425587 | 0.85% | 0.193% |
| 114        | 8.695 | 8.676 | 8.711 | HH | 14989 | 295197 | 0.59% | 0.134% |
| 115        | 8.739 | 8.711 | 8.772 | HH | 27406 | 639642 | 1.28% | 0.290% |
| 116        | 8.794 | 8.772 | 8.810 | HH | 15570 | 307378 | 0.62% | 0.139% |
| 117        | 8.820 | 8.810 | 8.829 | HH | 13251 | 140966 | 0.28% | 0.064% |
| 118        | 8.845 | 8.829 | 8.865 | HH | 17716 | 323163 | 0.65% | 0.147% |
| 119        | 8.883 | 8.865 | 8.906 | HH | 14975 | 329149 | 0.66% | 0.149% |
| 120        | 8.919 | 8.906 | 8.935 | HH | 13392 | 218206 | 0.44% | 0.099% |
| 121        | 8.968 | 8.935 | 8.986 | HH | 15831 | 425245 | 0.85% | 0.193% |
| 122        | 9.024 | 8.986 | 9.045 | HH | 50379 | 904487 | 1.81% | 0.410% |
| 123        | 9.054 | 9.045 | 9.092 | HH | 18120 | 408212 | 0.82% | 0.185% |
| 124        | 9.112 | 9.092 | 9.136 | HH | 15491 | 347945 | 0.70% | 0.158% |
| 125        | 9.170 | 9.136 | 9.188 | HH | 16947 | 426659 | 0.86% | 0.193% |
| 126        | 9.202 | 9.188 | 9.216 | HH | 13765 | 206467 | 0.41% | 0.094% |
| 127        | 9.227 | 9.216 | 9.238 | HH | 13725 | 173334 | 0.35% | 0.079% |
| 128        | 9.254 | 9.238 | 9.271 | HH | 15550 | 271219 | 0.54% | 0.123% |
| 129        | 9.284 | 9.271 | 9.291 | HH | 13367 | 152985 | 0.31% | 0.069% |
| 130        | 9.307 | 9.291 | 9.341 | HH | 18960 | 447590 | 0.90% | 0.203% |
| 131        | 9.356 | 9.341 | 9.371 | HH | 14533 | 247310 | 0.50% | 0.112% |
| 132        | 9.399 | 9.371 | 9.431 | HH | 22565 | 630346 | 1.26% | 0.286% |
| 133        | 9.446 | 9.431 | 9.452 | HH | 15427 | 187924 | 0.38% | 0.085% |
| 134        | 9.473 | 9.452 | 9.478 | HH | 20298 | 277356 | 0.56% | 0.126% |
| 135        | 9.486 | 9.478 | 9.506 | HH | 20828 | 301046 | 0.60% | 0.137% |
| 136        | 9.532 | 9.506 | 9.551 | HH | 19621 | 431190 | 0.86% | 0.196% |
| 137        | 9.584 | 9.551 | 9.611 | HH | 19768 | 588512 | 1.18% | 0.267% |
| 138        | 9.632 | 9.611 | 9.648 | HH | 13908 | 291131 | 0.58% | 0.132% |
| 139        | 9.652 | 9.648 | 9.660 | HH | 12602 | 89251  | 0.18% | 0.040% |
| 140        | 9.679 | 9.660 | 9.693 | HH | 13139 | 256019 | 0.51% | 0.116% |
| 141        | 9.715 | 9.693 | 9.724 | HH | 15738 | 261436 | 0.52% | 0.119% |

|     |        |        |        |    | rteres.txt |          |        |        |
|-----|--------|--------|--------|----|------------|----------|--------|--------|
| 142 | 9.760  | 9.724  | 9.781  | HH | 19300      | 575060   | 1.15%  | 0.261% |
| 143 | 9.803  | 9.781  | 9.852  | HH | 63809      | 1160701  | 2.33%  | 0.526% |
| 144 | 9.884  | 9.852  | 9.896  | HH | 14691      | 366360   | 0.73%  | 0.166% |
| 145 | 9.908  | 9.896  | 9.949  | HH | 15179      | 409600   | 0.82%  | 0.186% |
| 146 | 9.976  | 9.949  | 10.006 | HH | 16134      | 456582   | 0.92%  | 0.207% |
| 147 | 10.015 | 10.006 | 10.023 | HH | 12614      | 128038   | 0.26%  | 0.058% |
| 148 | 10.048 | 10.023 | 10.060 | HH | 12852      | 281562   | 0.56%  | 0.128% |
| 149 | 10.077 | 10.060 | 10.100 | HH | 13972      | 315227   | 0.63%  | 0.143% |
| 150 | 10.152 | 10.100 | 10.167 | HH | 17442      | 596301   | 1.20%  | 0.270% |
| 151 | 10.193 | 10.167 | 10.220 | HH | 36619      | 761067   | 1.53%  | 0.345% |
| 152 | 10.243 | 10.220 | 10.259 | HH | 20570      | 406882   | 0.82%  | 0.185% |
| 153 | 10.280 | 10.259 | 10.297 | HH | 20630      | 418561   | 0.84%  | 0.190% |
| 154 | 10.311 | 10.297 | 10.322 | HH | 18139      | 243587   | 0.49%  | 0.110% |
| 155 | 10.336 | 10.322 | 10.364 | HH | 20712      | 419176   | 0.84%  | 0.190% |
| 156 | 10.384 | 10.364 | 10.397 | HH | 15117      | 269375   | 0.54%  | 0.122% |
| 157 | 10.406 | 10.397 | 10.419 | HH | 14421      | 191522   | 0.38%  | 0.087% |
| 158 | 10.445 | 10.419 | 10.463 | HH | 17356      | 402931   | 0.81%  | 0.183% |
| 159 | 10.477 | 10.463 | 10.503 | HH | 15539      | 354095   | 0.71%  | 0.161% |
| 160 | 10.543 | 10.503 | 10.574 | HH | 67254      | 1242019  | 2.49%  | 0.563% |
| 161 | 10.616 | 10.574 | 10.645 | HH | 39300      | 1036143  | 2.08%  | 0.470% |
| 162 | 10.656 | 10.645 | 10.704 | HH | 16608      | 510459   | 1.02%  | 0.231% |
| 163 | 10.734 | 10.704 | 10.741 | HH | 13697      | 287249   | 0.58%  | 0.130% |
| 164 | 10.757 | 10.741 | 10.768 | HH | 14478      | 224395   | 0.45%  | 0.102% |
| 165 | 10.789 | 10.768 | 10.811 | HH | 38088      | 605022   | 1.21%  | 0.274% |
| 166 | 10.819 | 10.811 | 10.838 | HH | 15449      | 238655   | 0.48%  | 0.108% |
| 167 | 10.865 | 10.838 | 10.904 | HH | 25627      | 718800   | 1.44%  | 0.326% |
| 168 | 10.935 | 10.904 | 10.954 | HH | 20387      | 517063   | 1.04%  | 0.234% |
| 169 | 10.957 | 10.954 | 10.979 | HH | 16584      | 219451   | 0.44%  | 0.100% |
| 170 | 10.998 | 10.979 | 11.031 | HH | 18125      | 474573   | 0.95%  | 0.215% |
| 171 | 11.050 | 11.031 | 11.064 | HH | 17185      | 301687   | 0.60%  | 0.137% |
| 172 | 11.076 | 11.064 | 11.091 | HH | 16418      | 245436   | 0.49%  | 0.111% |
| 173 | 11.099 | 11.091 | 11.124 | HH | 15547      | 280406   | 0.56%  | 0.127% |
| 174 | 11.151 | 11.124 | 11.166 | HH | 14538      | 338397   | 0.68%  | 0.153% |
| 175 | 11.187 | 11.166 | 11.199 | HH | 14747      | 286512   | 0.57%  | 0.130% |
| 176 | 11.204 | 11.199 | 11.217 | HH | 14225      | 147082   | 0.29%  | 0.067% |
| 177 | 11.246 | 11.217 | 11.275 | HH | 61703      | 1040886  | 2.09%  | 0.472% |
| 178 | 11.293 | 11.275 | 11.302 | HH | 15698      | 255689   | 0.51%  | 0.116% |
| 179 | 11.337 | 11.302 | 11.375 | HH | 32547      | 862063   | 1.73%  | 0.391% |
| 180 | 11.388 | 11.375 | 11.414 | HH | 13284      | 300480   | 0.60%  | 0.136% |
| 181 | 11.443 | 11.414 | 11.462 | HH | 14915      | 382306   | 0.77%  | 0.173% |
| 182 | 11.485 | 11.462 | 11.501 | HH | 14216      | 313518   | 0.63%  | 0.142% |
| 183 | 11.542 | 11.501 | 11.577 | HH | 17498      | 698558   | 1.40%  | 0.317% |
| 184 | 11.596 | 11.577 | 11.610 | HH | 18174      | 320582   | 0.64%  | 0.145% |
| 185 | 11.625 | 11.610 | 11.665 | HH | 18786      | 555841   | 1.11%  | 0.252% |
| 186 | 11.683 | 11.665 | 11.693 | HH | 17535      | 267286   | 0.54%  | 0.121% |
| 187 | 11.709 | 11.693 | 11.722 | HH | 22145      | 330533   | 0.66%  | 0.150% |
| 188 | 11.736 | 11.722 | 11.759 | HH | 18468      | 357940   | 0.72%  | 0.162% |
| 189 | 11.773 | 11.759 | 11.785 | HH | 16320      | 237226   | 0.48%  | 0.108% |
| 190 | 11.804 | 11.785 | 11.827 | HH | 22770      | 434082   | 0.87%  | 0.197% |
| 191 | 11.850 | 11.827 | 11.869 | HH | 13780      | 331985   | 0.67%  | 0.151% |
| 192 | 11.917 | 11.869 | 11.940 | HH | 52781      | 1108580  | 2.22%  | 0.503% |
| 193 | 11.974 | 11.940 | 12.017 | HH | 877030     | 10862340 | 21.78% | 4.926% |
| 194 | 12.024 | 12.017 | 12.042 | HH | 13519      | 195873   | 0.39%  | 0.089% |

|     |        |        |        |    |            |          |         |         |
|-----|--------|--------|--------|----|------------|----------|---------|---------|
|     |        |        |        |    | rteres.txt |          |         |         |
| 195 | 12.065 | 12.042 | 12.087 | HH | 13904      | 350255   | 0.70%   | 0.159%  |
| 196 | 12.125 | 12.087 | 12.140 | HH | 13845      | 408316   | 0.82%   | 0.185%  |
| 197 | 12.165 | 12.140 | 12.238 | HH | 65195      | 1423626  | 2.85%   | 0.646%  |
| 198 | 12.252 | 12.238 | 12.260 | HH | 13658      | 175740   | 0.35%   | 0.080%  |
| 199 | 12.276 | 12.260 | 12.281 | HH | 14033      | 170986   | 0.34%   | 0.078%  |
| 200 | 12.299 | 12.281 | 12.312 | HH | 14949      | 265655   | 0.53%   | 0.120%  |
| 201 | 12.330 | 12.312 | 12.362 | HH | 16883      | 432544   | 0.87%   | 0.196%  |
| 202 | 12.383 | 12.362 | 12.393 | HH | 16609      | 265372   | 0.53%   | 0.120%  |
| 203 | 12.403 | 12.393 | 12.418 | HH | 16395      | 227239   | 0.46%   | 0.103%  |
| 204 | 12.435 | 12.418 | 12.457 | HH | 18717      | 361947   | 0.73%   | 0.164%  |
| 205 | 12.494 | 12.457 | 12.516 | HH | 16911      | 503215   | 1.01%   | 0.228%  |
| 206 | 12.557 | 12.516 | 12.583 | HH | 48842      | 948224   | 1.90%   | 0.430%  |
| 207 | 12.609 | 12.583 | 12.661 | HH | 77276      | 1308821  | 2.62%   | 0.594%  |
| 208 | 12.671 | 12.661 | 12.688 | HH | 12730      | 202085   | 0.41%   | 0.092%  |
| 209 | 12.704 | 12.688 | 12.714 | HH | 12685      | 193851   | 0.39%   | 0.088%  |
| 210 | 12.737 | 12.714 | 12.758 | HH | 13549      | 335081   | 0.67%   | 0.152%  |
| 211 | 12.811 | 12.758 | 12.838 | HH | 15350      | 657682   | 1.32%   | 0.298%  |
| 212 | 12.862 | 12.838 | 12.883 | HH | 16483      | 392931   | 0.79%   | 0.178%  |
| 213 | 12.908 | 12.883 | 12.944 | HH | 57473      | 976414   | 1.96%   | 0.443%  |
| 214 | 13.013 | 12.944 | 13.038 | HH | 2839328    | 49867593 | 100.00% | 22.614% |
| 215 | 13.064 | 13.038 | 13.081 | HH | 1792951    | 23365484 | 46.86%  | 10.596% |
| 216 | 13.087 | 13.081 | 13.128 | HH | 194515     | 2015705  | 4.04%   | 0.914%  |
| 217 | 13.145 | 13.128 | 13.152 | HH | 17621      | 237919   | 0.48%   | 0.108%  |
| 218 | 13.193 | 13.152 | 13.206 | HH | 132778     | 2310034  | 4.63%   | 1.048%  |
| 219 | 13.228 | 13.206 | 13.300 | HH | 389670     | 7425708  | 14.89%  | 3.367%  |
| 220 | 13.314 | 13.300 | 13.333 | HH | 23294      | 409879   | 0.82%   | 0.186%  |
| 221 | 13.342 | 13.333 | 13.357 | HH | 19825      | 282472   | 0.57%   | 0.128%  |
| 222 | 13.400 | 13.357 | 13.446 | HH | 32893      | 1204511  | 2.42%   | 0.546%  |
| 223 | 13.450 | 13.446 | 13.465 | HH | 19517      | 213491   | 0.43%   | 0.097%  |
| 224 | 13.477 | 13.465 | 13.483 | HH | 19661      | 215439   | 0.43%   | 0.098%  |
| 225 | 13.515 | 13.483 | 13.541 | HH | 43372      | 988025   | 1.98%   | 0.448%  |
| 226 | 13.555 | 13.541 | 13.579 | HH | 20046      | 428558   | 0.86%   | 0.194%  |
| 227 | 13.626 | 13.579 | 13.645 | HH | 29681      | 901761   | 1.81%   | 0.409%  |
| 228 | 13.653 | 13.645 | 13.672 | HH | 22152      | 346355   | 0.69%   | 0.157%  |
| 229 | 13.697 | 13.672 | 13.724 | HH | 24136      | 639604   | 1.28%   | 0.290%  |
| 230 | 13.757 | 13.724 | 13.777 | HH | 39705      | 874627   | 1.75%   | 0.397%  |
| 231 | 13.797 | 13.777 | 13.836 | HH | 28261      | 853592   | 1.71%   | 0.387%  |
| 232 | 13.867 | 13.836 | 13.914 | HH | 30162      | 1102376  | 2.21%   | 0.500%  |
| 233 | 13.926 | 13.914 | 13.937 | HH | 17676      | 245842   | 0.49%   | 0.111%  |
| 234 | 13.982 | 13.937 | 13.993 | HH | 22123      | 689803   | 1.38%   | 0.313%  |
| 235 | 14.019 | 13.993 | 14.027 | HH | 42362      | 658619   | 1.32%   | 0.299%  |
| 236 | 14.032 | 14.027 | 14.046 | HH | 41526      | 471300   | 0.95%   | 0.214%  |
| 237 | 14.058 | 14.046 | 14.087 | HH | 41250      | 764610   | 1.53%   | 0.347%  |
| 238 | 14.127 | 14.087 | 14.146 | HH | 29293      | 880426   | 1.77%   | 0.399%  |
| 239 | 14.163 | 14.146 | 14.182 | HH | 32578      | 624519   | 1.25%   | 0.283%  |
| 240 | 14.228 | 14.182 | 14.284 | HH | 68700      | 2499193  | 5.01%   | 1.133%  |
| 241 | 14.311 | 14.284 | 14.352 | HH | 70257      | 1709057  | 3.43%   | 0.775%  |
| 242 | 14.376 | 14.352 | 14.404 | HH | 63733      | 1254879  | 2.52%   | 0.569%  |
| 243 | 14.433 | 14.404 | 14.457 | HH | 38751      | 977420   | 1.96%   | 0.443%  |
| 244 | 14.485 | 14.457 | 14.504 | HH | 37633      | 849116   | 1.70%   | 0.385%  |
| 245 | 14.530 | 14.504 | 14.562 | HH | 37619      | 1000085  | 2.01%   | 0.454%  |
| 246 | 14.569 | 14.562 | 14.586 | HH | 22403      | 309501   | 0.62%   | 0.140%  |

|     |        |        |        |    |                                   |         |       |        |
|-----|--------|--------|--------|----|-----------------------------------|---------|-------|--------|
|     |        |        |        |    | rteres.txt                        |         |       |        |
| 247 | 14.601 | 14.586 | 14.618 | HH | 23912                             | 447348  | 0.90% | 0.203% |
| 248 | 14.658 | 14.618 | 14.684 | HH | 49198                             | 1259848 | 2.53% | 0.571% |
| 249 | 14.690 | 14.684 | 14.723 | HH | 24173                             | 555754  | 1.11% | 0.252% |
| 250 | 14.746 | 14.723 | 14.759 | HH | 25146                             | 515193  | 1.03% | 0.234% |
| 251 | 14.786 | 14.759 | 14.806 | HH | 44485                             | 915865  | 1.84% | 0.415% |
| 252 | 14.830 | 14.806 | 14.844 | HH | 48070                             | 868587  | 1.74% | 0.394% |
| 253 | 14.853 | 14.844 | 14.895 | HH | 42131                             | 972292  | 1.95% | 0.441% |
| 254 | 14.917 | 14.895 | 14.930 | HH | 26167                             | 509390  | 1.02% | 0.231% |
| 255 | 14.946 | 14.930 | 14.969 | HH | 28161                             | 622388  | 1.25% | 0.282% |
| 256 | 14.989 | 14.969 | 15.004 | HH | 25301                             | 524128  | 1.05% | 0.238% |
| 257 | 15.022 | 15.004 | 15.041 | HH | 25097                             | 528196  | 1.06% | 0.240% |
| 258 | 15.050 | 15.041 | 15.059 | HH | 23195                             | 253835  | 0.51% | 0.115% |
| 259 | 15.064 | 15.059 | 15.067 | HH | 23115                             | 114941  | 0.23% | 0.052% |
| 260 | 15.088 | 15.067 | 15.107 | HH | 24626                             | 567396  | 1.14% | 0.257% |
| 261 | 15.130 | 15.107 | 15.154 | HH | 25612                             | 694258  | 1.39% | 0.315% |
| 262 | 15.169 | 15.154 | 15.186 | HH | 25048                             | 469037  | 0.94% | 0.213% |
| 263 | 15.201 | 15.186 | 15.217 | HH | 26686                             | 480649  | 0.96% | 0.218% |
| 264 | 15.238 | 15.217 | 15.321 | HH | 34280                             | 1627058 | 3.26% | 0.738% |
| 265 | 15.341 | 15.321 | 15.345 | HH | 23533                             | 333772  | 0.67% | 0.151% |
| 266 | 15.381 | 15.345 | 15.406 | HH | 30029                             | 936734  | 1.88% | 0.425% |
| 267 | 15.440 | 15.406 | 15.482 | HH | 50693                             | 1502662 | 3.01% | 0.681% |
| 268 | 15.498 | 15.482 | 15.512 | HH | 25548                             | 452627  | 0.91% | 0.205% |
| 269 | 15.517 | 15.512 | 15.531 | HH | 25077                             | 276329  | 0.55% | 0.125% |
| 270 | 15.541 | 15.531 | 15.552 | HH | 24883                             | 309826  | 0.62% | 0.140% |
| 271 | 15.562 | 15.552 | 15.577 | HH | 25151                             | 378034  | 0.76% | 0.171% |
| 272 | 15.620 | 15.577 | 15.681 | HH | 28252                             | 1639248 | 3.29% | 0.743% |
| 273 | 15.700 | 15.681 | 15.722 | HH | 26898                             | 657509  | 1.32% | 0.298% |
| 274 | 15.727 | 15.722 | 15.731 | HH | 25998                             | 136148  | 0.27% | 0.062% |
| 275 | 15.765 | 15.731 | 15.776 | HH | 27962                             | 736801  | 1.48% | 0.334% |
| 276 | 15.798 | 15.776 | 15.809 | HH | 28462                             | 549317  | 1.10% | 0.249% |
| 277 | 15.821 | 15.809 | 15.835 | HH | 28032                             | 438542  | 0.88% | 0.199% |
| 278 | 15.883 | 15.835 | 15.920 | HH | 37688                             | 1578222 | 3.16% | 0.716% |
| 279 | 15.941 | 15.920 | 15.969 | HH | 32234                             | 904567  | 1.81% | 0.410% |
| 280 | 15.994 | 15.969 | 16.009 | HH | 29987                             | 711369  | 1.43% | 0.323% |
| 281 | 16.050 | 16.009 | 16.067 | HH | 47585                             | 1278109 | 2.56% | 0.580% |
| 282 | 16.085 | 16.067 | 16.115 | HH | 48553                             | 1177207 | 2.36% | 0.534% |
| 283 | 16.126 | 16.115 | 16.151 | HH | 33139                             | 692470  | 1.39% | 0.314% |
| 284 | 16.176 | 16.151 | 16.204 | HH | 34022                             | 1049032 | 2.10% | 0.476% |
| 285 | 16.254 | 16.204 | 16.294 | HH | 37233                             | 1899274 | 3.81% | 0.861% |
| 286 | 16.346 | 16.294 | 16.399 | HH | 56613                             | 2610691 | 5.24% | 1.184% |
| 287 | 16.428 | 16.399 | 16.452 | HH | 43747                             | 1255282 | 2.52% | 0.569% |
| 288 | 16.477 | 16.452 | 16.499 | HH | 41627                             | 1100636 | 2.21% | 0.499% |
| 289 | 16.528 | 16.499 | 16.559 | HH | 39112                             | 1384882 | 2.78% | 0.628% |
| 290 | 16.576 | 16.559 | 16.605 | HH | 39603                             | 1071758 | 2.15% | 0.486% |
| 291 | 16.674 | 16.605 | 16.695 | HH | 61913                             | 2552037 | 5.12% | 1.157% |
| 292 | 16.718 | 16.695 | 16.776 | HH | 96228                             | 2773476 | 5.56% | 1.258% |
| 293 | 16.830 | 16.776 | 16.849 | HH | 51338                             | 1973849 | 3.96% | 0.895% |
|     |        |        |        |    | Sum of corrected areas: 220520960 |         |       |        |