

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_C\Data\FC052418AL\  
Data File : FC034312.D  
Signal(s) : FID1A.CH  
Acq On : 25 May 2018 11:17  
Sample : J3060-17  
Misc :  
ALS Vial : 75 Sample Multiplier: 1

Integration File: sample.E

Method : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 052418.M  
Title : GC Extractables

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         | 2.958       | 2.922        | 2.980      | BH       | 707            | 6226         | 0.06%          | 0.003%        |
| 2         | 3.005       | 2.980        | 3.054      | PH       | 973            | 4844         | 0.04%          | 0.002%        |
| 3         | 4.254       | 4.210        | 4.303      | PH       | 427            | 1420         | 0.01%          | 0.001%        |
| 4         | 4.329       | 4.303        | 4.359      | PH       | 687            | 4761         | 0.04%          | 0.002%        |
| 5         | 4.429       | 4.415        | 4.466      | PH       | 281            | 2033         | 0.02%          | 0.001%        |
| 6         | 4.962       | 4.940        | 4.993      | PH       | 2019           | 14283        | 0.13%          | 0.007%        |
| 7         | 5.020       | 4.993        | 5.037      | PH       | 988            | 6097         | 0.06%          | 0.003%        |
| 8         | 5.366       | 5.354        | 5.391      | PH       | 215            | 1874         | 0.02%          | 0.001%        |
| 9         | 5.410       | 5.391        | 5.442      | HH       | 1037           | 11058        | 0.10%          | 0.006%        |
| 10        | 5.465       | 5.442        | 5.510      | PH       | 482            | 2592         | 0.02%          | 0.001%        |
| 11        | 5.547       | 5.510        | 5.586      | PH       | 225            | 1282         | 0.01%          | 0.001%        |
| 12        | 5.878       | 5.836        | 5.895      | PH       | 173            | 1677         | 0.02%          | 0.001%        |
| 13        | 5.911       | 5.895        | 5.942      | HH       | 1530           | 17875        | 0.17%          | 0.009%        |
| 14        | 5.962       | 5.942        | 5.991      | HH       | 283            | 4822         | 0.04%          | 0.002%        |
| 15        | 6.011       | 5.991        | 6.034      | HH       | 341            | 5756         | 0.05%          | 0.003%        |
| 16        | 6.068       | 6.034        | 6.145      | HH       | 549            | 18277        | 0.17%          | 0.009%        |
| 17        | 6.157       | 6.145        | 6.170      | HH       | 157            | 1285         | 0.01%          | 0.001%        |
| 18        | 6.188       | 6.170        | 6.204      | HH       | 161            | 2546         | 0.02%          | 0.001%        |
| 19        | 6.239       | 6.204        | 6.256      | HH       | 681            | 10714        | 0.10%          | 0.006%        |
| 20        | 6.268       | 6.256        | 6.292      | HH       | 400            | 6471         | 0.06%          | 0.003%        |
| 21        | 6.348       | 6.292        | 6.462      | HH       | 9547           | 111519       | 1.03%          | 0.057%        |
| 22        | 6.496       | 6.462        | 6.514      | HH       | 197            | 3476         | 0.03%          | 0.002%        |
| 23        | 6.534       | 6.514        | 6.580      | HH       | 435            | 4172         | 0.04%          | 0.002%        |
| 24        | 6.681       | 6.640        | 6.694      | HH       | 119            | 1954         | 0.02%          | 0.001%        |
| 25        | 6.708       | 6.694        | 6.724      | HH       | 141            | 1430         | 0.01%          | 0.001%        |
| 26        | 6.744       | 6.724        | 6.758      | HH       | 204            | 2391         | 0.02%          | 0.001%        |
| 27        | 6.806       | 6.758        | 6.820      | HH       | 321            | 6266         | 0.06%          | 0.003%        |
| 28        | 6.844       | 6.820        | 6.857      | HH       | 466            | 7416         | 0.07%          | 0.004%        |
| 29        | 6.870       | 6.857        | 6.884      | HH       | 549            | 7084         | 0.07%          | 0.004%        |
| 30        | 6.902       | 6.884        | 6.929      | HH       | 466            | 8974         | 0.08%          | 0.005%        |
| 31        | 6.964       | 6.929        | 6.988      | HH       | 572            | 11895        | 0.11%          | 0.006%        |
| 32        | 7.004       | 6.988        | 7.028      | HH       | 388            | 6483         | 0.06%          | 0.003%        |
| 33        | 7.049       | 7.028        | 7.091      | HH       | 970            | 19538        | 0.18%          | 0.010%        |
| 34        | 7.101       | 7.091        | 7.115      | HH       | 445            | 4232         | 0.04%          | 0.002%        |
| 35        | 7.130       | 7.115        | 7.201      | HH       | 532            | 16425        | 0.15%          | 0.008%        |
| 36        | 7.269       | 7.201        | 7.317      | HH       | 1035           | 25870        | 0.24%          | 0.013%        |

|    |        |        |        |    | rteres |       |       |        |
|----|--------|--------|--------|----|--------|-------|-------|--------|
| 37 | 7.337  | 7.317  | 7.390  | HH | 340    | 10028 | 0.09% | 0.005% |
| 38 | 7.437  | 7.390  | 7.471  | HH | 438    | 14939 | 0.14% | 0.008% |
| 39 | 7.487  | 7.471  | 7.506  | HH | 377    | 5450  | 0.05% | 0.003% |
| 40 | 7.531  | 7.506  | 7.543  | HH | 630    | 8903  | 0.08% | 0.005% |
|    |        |        |        |    |        |       |       |        |
| 41 | 7.555  | 7.543  | 7.571  | HH | 656    | 8575  | 0.08% | 0.004% |
| 42 | 7.582  | 7.571  | 7.587  | HH | 478    | 4316  | 0.04% | 0.002% |
| 43 | 7.685  | 7.587  | 7.739  | HH | 1854   | 88447 | 0.82% | 0.046% |
| 44 | 7.749  | 7.739  | 7.770  | HH | 575    | 8150  | 0.08% | 0.004% |
| 45 | 7.794  | 7.770  | 7.813  | HH | 445    | 9296  | 0.09% | 0.005% |
|    |        |        |        |    |        |       |       |        |
| 46 | 7.838  | 7.813  | 7.857  | HH | 563    | 10663 | 0.10% | 0.005% |
| 47 | 7.890  | 7.857  | 7.915  | HH | 1863   | 33954 | 0.31% | 0.017% |
| 48 | 7.961  | 7.915  | 7.975  | HH | 953    | 19229 | 0.18% | 0.010% |
| 49 | 7.987  | 7.975  | 8.004  | HH | 701    | 10485 | 0.10% | 0.005% |
| 50 | 8.015  | 8.004  | 8.025  | HH | 655    | 7227  | 0.07% | 0.004% |
|    |        |        |        |    |        |       |       |        |
| 51 | 8.044  | 8.025  | 8.111  | HH | 976    | 33261 | 0.31% | 0.017% |
| 52 | 8.138  | 8.111  | 8.178  | HH | 4186   | 57724 | 0.53% | 0.030% |
| 53 | 8.192  | 8.178  | 8.209  | HH | 352    | 6024  | 0.06% | 0.003% |
| 54 | 8.238  | 8.209  | 8.247  | HH | 443    | 8369  | 0.08% | 0.004% |
| 55 | 8.293  | 8.247  | 8.315  | HH | 1016   | 28319 | 0.26% | 0.015% |
|    |        |        |        |    |        |       |       |        |
| 56 | 8.324  | 8.315  | 8.356  | HH | 462    | 7780  | 0.07% | 0.004% |
| 57 | 8.381  | 8.356  | 8.415  | HH | 316    | 8858  | 0.08% | 0.005% |
| 58 | 8.438  | 8.415  | 8.456  | HH | 351    | 6196  | 0.06% | 0.003% |
| 59 | 8.516  | 8.456  | 8.538  | HH | 545    | 15449 | 0.14% | 0.008% |
| 60 | 8.556  | 8.538  | 8.569  | HH | 433    | 6729  | 0.06% | 0.003% |
|    |        |        |        |    |        |       |       |        |
| 61 | 8.589  | 8.569  | 8.611  | HH | 781    | 13298 | 0.12% | 0.007% |
| 62 | 8.673  | 8.611  | 8.712  | HH | 876    | 30099 | 0.28% | 0.015% |
| 63 | 8.725  | 8.712  | 8.740  | HH | 281    | 4103  | 0.04% | 0.002% |
| 64 | 8.759  | 8.740  | 8.785  | HH | 308    | 7121  | 0.07% | 0.004% |
| 65 | 8.857  | 8.785  | 8.914  | HH | 1787   | 54757 | 0.51% | 0.028% |
|    |        |        |        |    |        |       |       |        |
| 66 | 8.958  | 8.914  | 9.031  | HH | 3180   | 59072 | 0.55% | 0.030% |
| 67 | 9.043  | 9.031  | 9.075  | HH | 349    | 7081  | 0.07% | 0.004% |
| 68 | 9.143  | 9.075  | 9.231  | HH | 2923   | 74440 | 0.69% | 0.038% |
| 69 | 9.255  | 9.231  | 9.276  | HH | 442    | 8690  | 0.08% | 0.004% |
| 70 | 9.285  | 9.276  | 9.293  | HH | 345    | 3219  | 0.03% | 0.002% |
|    |        |        |        |    |        |       |       |        |
| 71 | 9.329  | 9.293  | 9.365  | HH | 829    | 21794 | 0.20% | 0.011% |
| 72 | 9.378  | 9.365  | 9.405  | HH | 547    | 10421 | 0.10% | 0.005% |
| 73 | 9.419  | 9.405  | 9.443  | HH | 417    | 8154  | 0.08% | 0.004% |
| 74 | 9.472  | 9.443  | 9.485  | HH | 530    | 11095 | 0.10% | 0.006% |
| 75 | 9.515  | 9.485  | 9.544  | HH | 921    | 18742 | 0.17% | 0.010% |
|    |        |        |        |    |        |       |       |        |
| 76 | 9.567  | 9.544  | 9.577  | HH | 391    | 6264  | 0.06% | 0.003% |
| 77 | 9.603  | 9.577  | 9.633  | HH | 660    | 14661 | 0.14% | 0.008% |
| 78 | 9.653  | 9.633  | 9.705  | HH | 747    | 19916 | 0.18% | 0.010% |
| 79 | 9.735  | 9.705  | 9.761  | HH | 2233   | 34009 | 0.31% | 0.017% |
| 80 | 9.771  | 9.761  | 9.798  | HH | 381    | 6761  | 0.06% | 0.003% |
|    |        |        |        |    |        |       |       |        |
| 81 | 9.808  | 9.798  | 9.816  | HH | 309    | 3291  | 0.03% | 0.002% |
| 82 | 9.831  | 9.816  | 9.854  | HH | 386    | 6866  | 0.06% | 0.004% |
| 83 | 9.921  | 9.854  | 9.958  | HH | 371    | 15686 | 0.14% | 0.008% |
| 84 | 9.973  | 9.958  | 9.987  | HH | 325    | 4300  | 0.04% | 0.002% |
| 85 | 10.006 | 9.987  | 10.021 | HH | 279    | 5068  | 0.05% | 0.003% |
|    |        |        |        |    |        |       |       |        |
| 86 | 10.080 | 10.021 | 10.095 | HH | 441    | 13891 | 0.13% | 0.007% |
| 87 | 10.123 | 10.095 | 10.148 | HH | 907    | 18840 | 0.17% | 0.010% |
| 88 | 10.168 | 10.148 | 10.187 | HH | 588    | 11146 | 0.10% | 0.006% |
| 89 | 10.210 | 10.187 | 10.263 | HH | 623    | 21941 | 0.20% | 0.011% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 10.269 | 10.263 | 10.331 | HH | 512    | 17678   | 0.16%  | 0.009% |
| 91  | 10.368 | 10.331 | 10.381 | HH | 711    | 16108   | 0.15%  | 0.008% |
| 92  | 10.396 | 10.381 | 10.414 | HH | 767    | 13199   | 0.12%  | 0.007% |
| 93  | 10.472 | 10.414 | 10.511 | HH | 4771   | 96077   | 0.89%  | 0.049% |
| 94  | 10.551 | 10.511 | 10.590 | HH | 1217   | 37348   | 0.34%  | 0.019% |
| 95  | 10.602 | 10.590 | 10.637 | HH | 606    | 14094   | 0.13%  | 0.007% |
| 96  | 10.659 | 10.637 | 10.671 | HH | 595    | 10108   | 0.09%  | 0.005% |
| 97  | 10.692 | 10.671 | 10.745 | HH | 742    | 27211   | 0.25%  | 0.014% |
| 98  | 10.752 | 10.745 | 10.771 | HH | 584    | 8487    | 0.08%  | 0.004% |
| 99  | 10.794 | 10.771 | 10.830 | HH | 786    | 23213   | 0.21%  | 0.012% |
| 100 | 10.857 | 10.830 | 10.874 | HH | 910    | 21173   | 0.20%  | 0.011% |
| 101 | 10.893 | 10.874 | 10.905 | HH | 812    | 14138   | 0.13%  | 0.007% |
| 102 | 10.916 | 10.905 | 10.965 | HH | 757    | 23577   | 0.22%  | 0.012% |
| 103 | 10.981 | 10.965 | 11.061 | HH | 815    | 39146   | 0.36%  | 0.020% |
| 104 | 11.105 | 11.061 | 11.131 | HH | 1511   | 37099   | 0.34%  | 0.019% |
| 105 | 11.174 | 11.131 | 11.214 | HH | 2741   | 60898   | 0.56%  | 0.031% |
| 106 | 11.265 | 11.214 | 11.310 | HH | 1354   | 51759   | 0.48%  | 0.027% |
| 107 | 11.329 | 11.310 | 11.350 | HH | 979    | 19313   | 0.18%  | 0.010% |
| 108 | 11.365 | 11.350 | 11.392 | HH | 864    | 19543   | 0.18%  | 0.010% |
| 109 | 11.422 | 11.392 | 11.430 | HH | 871    | 17987   | 0.17%  | 0.009% |
| 110 | 11.469 | 11.430 | 11.484 | HH | 1277   | 32113   | 0.30%  | 0.017% |
| 111 | 11.500 | 11.484 | 11.548 | HH | 1294   | 42012   | 0.39%  | 0.022% |
| 112 | 11.583 | 11.548 | 11.608 | HH | 1709   | 47646   | 0.44%  | 0.025% |
| 113 | 11.624 | 11.608 | 11.645 | HH | 1346   | 27274   | 0.25%  | 0.014% |
| 114 | 11.660 | 11.645 | 11.700 | HH | 1288   | 37520   | 0.35%  | 0.019% |
| 115 | 11.723 | 11.700 | 11.731 | HH | 1237   | 21562   | 0.20%  | 0.011% |
| 116 | 11.778 | 11.731 | 11.797 | HH | 1522   | 50172   | 0.46%  | 0.026% |
| 117 | 11.843 | 11.797 | 11.870 | HH | 2974   | 83432   | 0.77%  | 0.043% |
| 118 | 11.889 | 11.870 | 11.909 | HH | 1839   | 38404   | 0.35%  | 0.020% |
| 119 | 11.931 | 11.909 | 11.953 | HH | 1920   | 44246   | 0.41%  | 0.023% |
| 120 | 11.973 | 11.953 | 12.018 | HH | 1850   | 63374   | 0.59%  | 0.033% |
| 121 | 12.046 | 12.018 | 12.054 | HH | 1723   | 34986   | 0.32%  | 0.018% |
| 122 | 12.084 | 12.054 | 12.101 | HH | 2718   | 58333   | 0.54%  | 0.030% |
| 123 | 12.121 | 12.101 | 12.168 | HH | 2217   | 82694   | 0.76%  | 0.043% |
| 124 | 12.193 | 12.168 | 12.205 | HH | 2145   | 44885   | 0.41%  | 0.023% |
| 125 | 12.227 | 12.205 | 12.239 | HH | 2191   | 42735   | 0.39%  | 0.022% |
| 126 | 12.257 | 12.239 | 12.271 | HH | 2294   | 42374   | 0.39%  | 0.022% |
| 127 | 12.299 | 12.271 | 12.338 | HH | 2450   | 90711   | 0.84%  | 0.047% |
| 128 | 12.364 | 12.338 | 12.378 | HH | 2327   | 53579   | 0.49%  | 0.028% |
| 129 | 12.421 | 12.378 | 12.451 | HH | 2909   | 112128  | 1.04%  | 0.058% |
| 130 | 12.482 | 12.451 | 12.505 | HH | 4687   | 110633  | 1.02%  | 0.057% |
| 131 | 12.521 | 12.505 | 12.534 | HH | 3026   | 52095   | 0.48%  | 0.027% |
| 132 | 12.552 | 12.534 | 12.573 | HH | 3030   | 69264   | 0.64%  | 0.036% |
| 133 | 12.603 | 12.573 | 12.648 | HH | 3467   | 140841  | 1.30%  | 0.072% |
| 134 | 12.736 | 12.648 | 12.754 | HH | 4196   | 207146  | 1.91%  | 0.107% |
| 135 | 12.772 | 12.754 | 12.793 | HH | 3791   | 86086   | 0.79%  | 0.044% |
| 136 | 12.807 | 12.793 | 12.820 | HH | 3855   | 59025   | 0.55%  | 0.030% |
| 137 | 12.844 | 12.820 | 12.862 | HH | 4319   | 96803   | 0.89%  | 0.050% |
| 138 | 12.879 | 12.862 | 12.891 | HH | 3965   | 69328   | 0.64%  | 0.036% |
| 139 | 12.928 | 12.891 | 12.962 | HH | 257819 | 3254368 | 30.05% | 1.674% |
| 140 | 12.983 | 12.962 | 13.015 | HH | 5071   | 152120  | 1.40%  | 0.078% |
| 141 | 13.029 | 13.015 | 13.048 | HH | 4985   | 96600   | 0.89%  | 0.050% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 13.095 | 13.048 | 13.141 | HH | 7078   | 307567  | 2.84%  | 0.158% |
| 143 | 13.160 | 13.141 | 13.238 | HH | 6211   | 322081  | 2.97%  | 0.166% |
| 144 | 13.258 | 13.238 | 13.286 | HH | 5599   | 154067  | 1.42%  | 0.079% |
| 145 | 13.331 | 13.286 | 13.351 | HH | 7388   | 255289  | 2.36%  | 0.131% |
|     |        |        |        |    |        |         |        |        |
| 146 | 13.369 | 13.351 | 13.388 | HH | 7038   | 147859  | 1.37%  | 0.076% |
| 147 | 13.405 | 13.388 | 13.418 | HH | 7005   | 119349  | 1.10%  | 0.061% |
| 148 | 13.444 | 13.418 | 13.461 | HH | 6942   | 171502  | 1.58%  | 0.088% |
| 149 | 13.476 | 13.461 | 13.485 | HH | 6921   | 99067   | 0.91%  | 0.051% |
| 150 | 13.532 | 13.485 | 13.561 | HH | 8354   | 352535  | 3.26%  | 0.181% |
|     |        |        |        |    |        |         |        |        |
| 151 | 13.600 | 13.561 | 13.647 | HH | 8355   | 417733  | 3.86%  | 0.215% |
| 152 | 13.681 | 13.647 | 13.719 | HH | 10323  | 394498  | 3.64%  | 0.203% |
| 153 | 13.742 | 13.719 | 13.755 | HH | 10064  | 201929  | 1.86%  | 0.104% |
| 154 | 13.764 | 13.755 | 13.798 | HH | 9540   | 235486  | 2.17%  | 0.121% |
| 155 | 13.817 | 13.798 | 13.826 | HH | 8818   | 148200  | 1.37%  | 0.076% |
|     |        |        |        |    |        |         |        |        |
| 156 | 13.830 | 13.826 | 13.845 | HH | 8697   | 94440   | 0.87%  | 0.049% |
| 157 | 13.909 | 13.845 | 13.961 | HH | 12688  | 731570  | 6.76%  | 0.376% |
| 158 | 13.974 | 13.961 | 13.993 | HH | 11402  | 198773  | 1.84%  | 0.102% |
| 159 | 14.015 | 13.993 | 14.028 | HH | 10683  | 221366  | 2.04%  | 0.114% |
| 160 | 14.113 | 14.028 | 14.141 | HH | 12618  | 785752  | 7.26%  | 0.404% |
|     |        |        |        |    |        |         |        |        |
| 161 | 14.154 | 14.141 | 14.171 | HH | 12184  | 217194  | 2.01%  | 0.112% |
| 162 | 14.179 | 14.171 | 14.201 | HH | 12545  | 213834  | 1.97%  | 0.110% |
| 163 | 14.245 | 14.201 | 14.276 | HH | 14191  | 560546  | 5.18%  | 0.288% |
| 164 | 14.299 | 14.276 | 14.351 | HH | 14974  | 604397  | 5.58%  | 0.311% |
| 165 | 14.378 | 14.351 | 14.418 | HH | 13560  | 515063  | 4.76%  | 0.265% |
|     |        |        |        |    |        |         |        |        |
| 166 | 14.448 | 14.418 | 14.477 | HH | 15555  | 498471  | 4.60%  | 0.256% |
| 167 | 14.497 | 14.477 | 14.515 | HH | 14767  | 324725  | 3.00%  | 0.167% |
| 168 | 14.525 | 14.515 | 14.546 | HH | 14624  | 261482  | 2.41%  | 0.135% |
| 169 | 14.560 | 14.546 | 14.576 | HH | 13960  | 249159  | 2.30%  | 0.128% |
| 170 | 14.639 | 14.576 | 14.658 | HH | 15430  | 706734  | 6.53%  | 0.364% |
|     |        |        |        |    |        |         |        |        |
| 171 | 14.704 | 14.658 | 14.740 | HH | 15676  | 745927  | 6.89%  | 0.384% |
| 172 | 14.782 | 14.740 | 14.808 | HH | 17982  | 660731  | 6.10%  | 0.340% |
| 173 | 14.835 | 14.808 | 14.902 | HH | 17616  | 927324  | 8.56%  | 0.477% |
| 174 | 14.920 | 14.902 | 14.948 | HH | 16547  | 434400  | 4.01%  | 0.223% |
| 175 | 14.980 | 14.948 | 15.003 | HH | 18425  | 555762  | 5.13%  | 0.286% |
|     |        |        |        |    |        |         |        |        |
| 176 | 15.012 | 15.003 | 15.017 | HH | 17178  | 145123  | 1.34%  | 0.075% |
| 177 | 15.032 | 15.017 | 15.076 | HH | 17990  | 602701  | 5.57%  | 0.310% |
| 178 | 15.086 | 15.076 | 15.107 | HH | 16961  | 311892  | 2.88%  | 0.160% |
| 179 | 15.172 | 15.107 | 15.188 | HH | 19739  | 874368  | 8.07%  | 0.450% |
| 180 | 15.210 | 15.188 | 15.240 | HH | 19910  | 595526  | 5.50%  | 0.306% |
|     |        |        |        |    |        |         |        |        |
| 181 | 15.251 | 15.240 | 15.282 | HH | 19292  | 469488  | 4.34%  | 0.242% |
| 182 | 15.304 | 15.282 | 15.325 | HH | 21306  | 507458  | 4.69%  | 0.261% |
| 183 | 15.360 | 15.325 | 15.422 | HH | 21902  | 1134892 | 10.48% | 0.584% |
| 184 | 15.433 | 15.422 | 15.458 | HH | 18536  | 392434  | 3.62%  | 0.202% |
| 185 | 15.489 | 15.458 | 15.505 | HH | 20525  | 541106  | 5.00%  | 0.278% |
|     |        |        |        |    |        |         |        |        |
| 186 | 15.521 | 15.505 | 15.544 | HH | 19837  | 464748  | 4.29%  | 0.239% |
| 187 | 15.552 | 15.544 | 15.578 | HH | 19871  | 383987  | 3.55%  | 0.198% |
| 188 | 15.610 | 15.578 | 15.618 | HH | 20640  | 486514  | 4.49%  | 0.250% |
| 189 | 15.627 | 15.618 | 15.640 | HH | 20990  | 266855  | 2.46%  | 0.137% |
| 190 | 15.681 | 15.640 | 15.717 | HH | 20707  | 938594  | 8.67%  | 0.483% |
|     |        |        |        |    |        |         |        |        |
| 191 | 15.730 | 15.717 | 15.751 | HH | 20740  | 413007  | 3.81%  | 0.212% |
| 192 | 15.805 | 15.751 | 15.831 | HH | 23157  | 1039002 | 9.59%  | 0.535% |
| 193 | 15.849 | 15.831 | 15.881 | HH | 22807  | 639858  | 5.91%  | 0.329% |
| 194 | 15.895 | 15.881 | 15.901 | HH | 20261  | 239871  | 2.22%  | 0.123% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 15.909 | 15.901 | 15.916 | HH | 20809  | 189513  | 1.75%  | 0.097% |
| 196 | 15.934 | 15.916 | 15.948 | HH | 20677  | 381486  | 3.52%  | 0.196% |
| 197 | 15.984 | 15.948 | 16.021 | HH | 23072  | 954792  | 8.82%  | 0.491% |
| 198 | 16.034 | 16.021 | 16.074 | HH | 21752  | 688717  | 6.36%  | 0.354% |
| 199 | 16.121 | 16.074 | 16.151 | HH | 23465  | 1054710 | 9.74%  | 0.543% |
| 200 | 16.169 | 16.151 | 16.225 | HH | 24083  | 1017663 | 9.40%  | 0.524% |
| 201 | 16.242 | 16.225 | 16.267 | HH | 23633  | 569268  | 5.26%  | 0.293% |
| 202 | 16.287 | 16.267 | 16.308 | HH | 26327  | 605378  | 5.59%  | 0.311% |
| 203 | 16.322 | 16.308 | 16.338 | HH | 23594  | 403437  | 3.73%  | 0.208% |
| 204 | 16.349 | 16.338 | 16.377 | HH | 23518  | 543039  | 5.01%  | 0.279% |
| 205 | 16.454 | 16.377 | 16.476 | HH | 24116  | 1372664 | 12.68% | 0.706% |
| 206 | 16.508 | 16.476 | 16.555 | HH | 24369  | 1115993 | 10.31% | 0.574% |
| 207 | 16.595 | 16.555 | 16.604 | HH | 24741  | 711328  | 6.57%  | 0.366% |
| 208 | 16.624 | 16.604 | 16.638 | HH | 25698  | 503801  | 4.65%  | 0.259% |
| 209 | 16.647 | 16.638 | 16.692 | HH | 24542  | 770960  | 7.12%  | 0.397% |
| 210 | 16.756 | 16.692 | 16.801 | HH | 29179  | 1662093 | 15.35% | 0.855% |
| 211 | 16.807 | 16.801 | 16.825 | HH | 24725  | 346795  | 3.20%  | 0.178% |
| 212 | 16.836 | 16.825 | 16.861 | HH | 24231  | 521939  | 4.82%  | 0.269% |
| 213 | 16.873 | 16.861 | 16.888 | HH | 24195  | 386409  | 3.57%  | 0.199% |
| 214 | 16.915 | 16.888 | 16.934 | HH | 25827  | 691206  | 6.38%  | 0.356% |
| 215 | 16.984 | 16.934 | 17.014 | HH | 27552  | 1237866 | 11.43% | 0.637% |
| 216 | 17.038 | 17.014 | 17.067 | HH | 26026  | 823077  | 7.60%  | 0.423% |
| 217 | 17.095 | 17.067 | 17.111 | HH | 26488  | 687139  | 6.35%  | 0.354% |
| 218 | 17.156 | 17.111 | 17.172 | HH | 27651  | 974095  | 9.00%  | 0.501% |
| 219 | 17.205 | 17.172 | 17.248 | HH | 30803  | 1266898 | 11.70% | 0.652% |
| 220 | 17.268 | 17.248 | 17.281 | HH | 26676  | 529255  | 4.89%  | 0.272% |
| 221 | 17.304 | 17.281 | 17.337 | HH | 28254  | 911813  | 8.42%  | 0.469% |
| 222 | 17.349 | 17.337 | 17.378 | HH | 27670  | 676266  | 6.24%  | 0.348% |
| 223 | 17.400 | 17.378 | 17.418 | HH | 27080  | 635688  | 5.87%  | 0.327% |
| 224 | 17.424 | 17.418 | 17.441 | HH | 26879  | 362022  | 3.34%  | 0.186% |
| 225 | 17.484 | 17.441 | 17.501 | HH | 27932  | 986793  | 9.11%  | 0.508% |
| 226 | 17.509 | 17.501 | 17.515 | HH | 27374  | 221470  | 2.05%  | 0.114% |
| 227 | 17.532 | 17.515 | 17.552 | HH | 28616  | 621112  | 5.74%  | 0.320% |
| 228 | 17.583 | 17.552 | 17.598 | HH | 28568  | 786320  | 7.26%  | 0.405% |
| 229 | 17.640 | 17.598 | 17.668 | HH | 34116  | 1277845 | 11.80% | 0.657% |
| 230 | 17.675 | 17.668 | 17.708 | HH | 29068  | 686662  | 6.34%  | 0.353% |
| 231 | 17.776 | 17.708 | 17.835 | HH | 35032  | 2324212 | 21.46% | 1.196% |
| 232 | 17.849 | 17.835 | 17.858 | HH | 29648  | 405358  | 3.74%  | 0.209% |
| 233 | 17.875 | 17.858 | 17.891 | HH | 29996  | 600202  | 5.54%  | 0.309% |
| 234 | 17.922 | 17.891 | 17.933 | HH | 31085  | 764477  | 7.06%  | 0.393% |
| 235 | 17.950 | 17.933 | 17.965 | HH | 32124  | 590810  | 5.46%  | 0.304% |
| 236 | 17.974 | 17.965 | 17.988 | HH | 31112  | 437336  | 4.04%  | 0.225% |
| 237 | 18.006 | 17.988 | 18.018 | HH | 31838  | 569232  | 5.26%  | 0.293% |
| 238 | 18.024 | 18.018 | 18.038 | HH | 31952  | 380205  | 3.51%  | 0.196% |
| 239 | 18.063 | 18.038 | 18.098 | HH | 35838  | 1172686 | 10.83% | 0.603% |
| 240 | 18.143 | 18.098 | 18.166 | HH | 35208  | 1352143 | 12.49% | 0.696% |
| 241 | 18.183 | 18.166 | 18.196 | HH | 32788  | 583262  | 5.39%  | 0.300% |
| 242 | 18.255 | 18.196 | 18.275 | HH | 33282  | 1536094 | 14.18% | 0.790% |
| 243 | 18.336 | 18.275 | 18.359 | HH | 34817  | 1721502 | 15.90% | 0.886% |
| 244 | 18.366 | 18.359 | 18.412 | HH | 34573  | 1068725 | 9.87%  | 0.550% |
| 245 | 18.472 | 18.412 | 18.528 | HH | 39678  | 2528817 | 23.35% | 1.301% |
| 246 | 18.567 | 18.528 | 18.585 | HH | 38463  | 1253801 | 11.58% | 0.645% |

| rteres                  |        |        |        |    |           |          |         |        |
|-------------------------|--------|--------|--------|----|-----------|----------|---------|--------|
| 247                     | 18.614 | 18.585 | 18.645 | HH | 38857     | 1351547  | 12.48%  | 0.695% |
| 248                     | 18.658 | 18.645 | 18.683 | HH | 38205     | 881394   | 8.14%   | 0.453% |
| 249                     | 18.732 | 18.683 | 18.755 | HH | 39536     | 1669080  | 15.41%  | 0.859% |
| 250                     | 18.764 | 18.755 | 18.781 | HH | 39161     | 608762   | 5.62%   | 0.313% |
|                         |        |        |        |    |           |          |         |        |
| 251                     | 18.809 | 18.781 | 18.819 | HH | 40113     | 890482   | 8.22%   | 0.458% |
| 252                     | 18.873 | 18.819 | 18.935 | HH | 44975     | 2946425  | 27.21%  | 1.516% |
| 253                     | 18.970 | 18.935 | 18.983 | HH | 43824     | 1249051  | 11.53%  | 0.643% |
| 254                     | 19.074 | 18.983 | 19.091 | HH | 45617     | 2908949  | 26.86%  | 1.497% |
| 255                     | 19.177 | 19.091 | 19.187 | HH | 47318     | 2664294  | 24.60%  | 1.371% |
|                         |        |        |        |    |           |          |         |        |
| 256                     | 19.268 | 19.187 | 19.340 | HH | 52585     | 4551083  | 42.03%  | 2.341% |
| 257                     | 19.369 | 19.340 | 19.386 | HH | 51567     | 1393332  | 12.87%  | 0.717% |
| 258                     | 19.400 | 19.386 | 19.407 | HH | 50986     | 657954   | 6.08%   | 0.338% |
| 259                     | 19.453 | 19.407 | 19.463 | HH | 52894     | 1710829  | 15.80%  | 0.880% |
| 260                     | 19.546 | 19.463 | 19.565 | HH | 55438     | 3332123  | 30.77%  | 1.714% |
|                         |        |        |        |    |           |          |         |        |
| 261                     | 19.635 | 19.565 | 19.651 | HH | 60020     | 2937738  | 27.13%  | 1.511% |
| 262                     | 19.669 | 19.651 | 19.714 | HH | 59837     | 2248530  | 20.76%  | 1.157% |
| 263                     | 19.748 | 19.714 | 19.759 | HH | 61566     | 1656422  | 15.30%  | 0.852% |
| 264                     | 19.791 | 19.759 | 19.810 | HH | 62780     | 1877101  | 17.33%  | 0.966% |
| 265                     | 19.898 | 19.810 | 19.905 | HH | 66068     | 3708396  | 34.24%  | 1.908% |
|                         |        |        |        |    |           |          |         |        |
| 266                     | 19.997 | 19.905 | 20.018 | HH | 71101     | 4576263  | 42.26%  | 2.354% |
| 267                     | 20.060 | 20.018 | 20.075 | HH | 71313     | 2399406  | 22.16%  | 1.234% |
| 268                     | 20.105 | 20.075 | 20.125 | HH | 71843     | 2145424  | 19.81%  | 1.104% |
| 269                     | 20.174 | 20.125 | 20.185 | HH | 73614     | 2623350  | 24.23%  | 1.350% |
| 270                     | 20.192 | 20.185 | 20.201 | HH | 73426     | 713680   | 6.59%   | 0.367% |
|                         |        |        |        |    |           |          |         |        |
| 271                     | 20.279 | 20.201 | 20.305 | HH | 77531     | 4706194  | 43.46%  | 2.421% |
| 272                     | 20.354 | 20.305 | 20.393 | HH | 81578     | 4170137  | 38.51%  | 2.145% |
| 273                     | 20.401 | 20.393 | 20.415 | HH | 79294     | 1056292  | 9.75%   | 0.543% |
| 274                     | 20.428 | 20.415 | 20.451 | HH | 79719     | 1728851  | 15.96%  | 0.889% |
| 275                     | 20.459 | 20.451 | 20.470 | HH | 79560     | 897419   | 8.29%   | 0.462% |
|                         |        |        |        |    |           |          |         |        |
| 276                     | 20.513 | 20.470 | 20.535 | HH | 81211     | 3120844  | 28.82%  | 1.606% |
| 277                     | 20.565 | 20.535 | 20.681 | HH | 81463     | 6917229  | 63.88%  | 3.559% |
| 278                     | 20.733 | 20.681 | 20.752 | HH | 81503     | 3370917  | 31.13%  | 1.734% |
| 279                     | 20.770 | 20.752 | 20.878 | HH | 81112     | 5915155  | 54.62%  | 3.043% |
| 280                     | 20.904 | 20.878 | 20.917 | HH | 76270     | 1787989  | 16.51%  | 0.920% |
|                         |        |        |        |    |           |          |         |        |
| 281                     | 20.977 | 20.917 | 21.002 | HH | 77678     | 3897573  | 35.99%  | 2.005% |
| 282                     | 21.033 | 21.002 | 21.099 | HH | 77110     | 4403440  | 40.66%  | 2.265% |
| 283                     | 21.145 | 21.099 | 21.340 | HH | 78032     | 10829046 | 100.00% | 5.571% |
| 284                     | 21.356 | 21.340 | 21.365 | HH | 71365     | 1046219  | 9.66%   | 0.538% |
| 285                     | 21.506 | 21.365 | 21.568 | HH | 77904     | 9207711  | 85.03%  | 4.737% |
|                         |        |        |        |    |           |          |         |        |
| 286                     | 21.611 | 21.568 | 21.668 | HH | 77238     | 4559899  | 42.11%  | 2.346% |
| Sum of corrected areas: |        |        |        |    | 194373893 |          |         |        |

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