

rteres  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062518AL\  
Data File : FC034969.D  
Signal(s) : FID1A.CH  
Acq On : 26 Jun 2018 13:01  
Sample : J3629-15  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 062518.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         | 3.250       | 3.229        | 3.322      | PH       | 289            | 2832         | 0.01%          | 0.000%        |
| 2         | 3.440       | 3.417        | 3.469      | PH       | 243            | 2095         | 0.01%          | 0.000%        |
| 3         | 3.547       | 3.469        | 3.594      | PH       | 994            | 9820         | 0.03%          | 0.001%        |
| 4         | 3.619       | 3.594        | 3.646      | PH       | 697            | 7076         | 0.02%          | 0.001%        |
| 5         | 3.659       | 3.646        | 3.694      | HH       | 212            | 3702         | 0.01%          | 0.000%        |
| 6         | 3.707       | 3.694        | 3.722      | HH       | 220            | 2905         | 0.01%          | 0.000%        |
| 7         | 3.741       | 3.722        | 3.781      | HH       | 503            | 6973         | 0.02%          | 0.001%        |
| 8         | 3.840       | 3.781        | 3.890      | PH       | 402            | 10010        | 0.03%          | 0.001%        |
| 9         | 3.921       | 3.890        | 3.954      | PH       | 550            | 13465        | 0.04%          | 0.001%        |
| 10        | 3.965       | 3.954        | 3.981      | HH       | 373            | 4669         | 0.01%          | 0.000%        |
| 11        | 4.000       | 3.981        | 4.044      | HH       | 568            | 11210        | 0.03%          | 0.001%        |
| 12        | 4.081       | 4.044        | 4.096      | HH       | 581            | 8525         | 0.02%          | 0.001%        |
| 13        | 4.114       | 4.096        | 4.171      | HH       | 1232           | 21496        | 0.06%          | 0.002%        |
| 14        | 4.196       | 4.171        | 4.222      | HH       | 376            | 8041         | 0.02%          | 0.001%        |
| 15        | 4.244       | 4.222        | 4.257      | HH       | 347            | 5514         | 0.02%          | 0.001%        |
| 16        | 4.268       | 4.257        | 4.294      | HH       | 324            | 4474         | 0.01%          | 0.000%        |
| 17        | 4.321       | 4.294        | 4.347      | HH       | 642            | 11982        | 0.03%          | 0.001%        |
| 18        | 4.357       | 4.347        | 4.374      | HH       | 455            | 5373         | 0.02%          | 0.001%        |
| 19        | 4.386       | 4.374        | 4.404      | HH       | 620            | 7321         | 0.02%          | 0.001%        |
| 20        | 4.432       | 4.404        | 4.450      | HH       | 703            | 12408        | 0.04%          | 0.001%        |
| 21        | 4.516       | 4.450        | 4.567      | HH       | 958            | 53891        | 0.15%          | 0.005%        |
| 22        | 4.578       | 4.567        | 4.586      | HH       | 846            | 8767         | 0.03%          | 0.001%        |
| 23        | 4.602       | 4.586        | 4.644      | HH       | 1114           | 26633        | 0.08%          | 0.003%        |
| 24        | 4.668       | 4.644        | 4.681      | HH       | 772            | 14880        | 0.04%          | 0.001%        |
| 25        | 4.700       | 4.681        | 4.724      | HH       | 924            | 18204        | 0.05%          | 0.002%        |
| 26        | 4.743       | 4.724        | 4.761      | HH       | 610            | 12968        | 0.04%          | 0.001%        |
| 27        | 4.769       | 4.761        | 4.803      | HH       | 571            | 11531        | 0.03%          | 0.001%        |
| 28        | 4.817       | 4.803        | 4.837      | HH       | 460            | 7590         | 0.02%          | 0.001%        |
| 29        | 4.845       | 4.837        | 4.857      | HH       | 360            | 3808         | 0.01%          | 0.000%        |
| 30        | 4.875       | 4.857        | 4.887      | HH       | 632            | 7571         | 0.02%          | 0.001%        |
| 31        | 4.904       | 4.887        | 4.934      | HH       | 688            | 14501        | 0.04%          | 0.001%        |
| 32        | 4.953       | 4.934        | 4.992      | HH       | 2453           | 51010        | 0.15%          | 0.005%        |
| 33        | 5.008       | 4.992        | 5.041      | HH       | 1986           | 33394        | 0.10%          | 0.003%        |
| 34        | 5.057       | 5.041        | 5.104      | HH       | 859            | 22099        | 0.06%          | 0.002%        |
| 35        | 5.142       | 5.104        | 5.161      | HH       | 801            | 19996        | 0.06%          | 0.002%        |
| 36        | 5.175       | 5.161        | 5.216      | HH       | 1744           | 30109        | 0.09%          | 0.003%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.240 | 5.216 | 5.291 | HH | 907    | 24725  | 0.07% | 0.002% |
| 38 | 5.324 | 5.291 | 5.344 | HH | 579    | 14641  | 0.04% | 0.001% |
| 39 | 5.358 | 5.344 | 5.366 | HH | 1172   | 11848  | 0.03% | 0.001% |
| 40 | 5.373 | 5.366 | 5.386 | HH | 1112   | 11507  | 0.03% | 0.001% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.397 | 5.386 | 5.419 | HH | 1624   | 19902  | 0.06% | 0.002% |
| 42 | 5.429 | 5.419 | 5.437 | HH | 486    | 4953   | 0.01% | 0.000% |
| 43 | 5.461 | 5.437 | 5.504 | HH | 1247   | 31191  | 0.09% | 0.003% |
| 44 | 5.538 | 5.504 | 5.565 | HH | 760    | 21922  | 0.06% | 0.002% |
| 45 | 5.616 | 5.565 | 5.626 | HH | 655    | 20421  | 0.06% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.661 | 5.626 | 5.677 | HH | 798    | 21316  | 0.06% | 0.002% |
| 47 | 5.685 | 5.677 | 5.706 | HH | 673    | 11448  | 0.03% | 0.001% |
| 48 | 5.716 | 5.706 | 5.740 | HH | 800    | 13645  | 0.04% | 0.001% |
| 49 | 5.775 | 5.740 | 5.789 | HH | 804    | 20660  | 0.06% | 0.002% |
| 50 | 5.807 | 5.789 | 5.831 | HH | 1050   | 22050  | 0.06% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.866 | 5.831 | 5.881 | HH | 1003   | 25274  | 0.07% | 0.003% |
| 52 | 5.904 | 5.881 | 5.946 | HH | 1311   | 42975  | 0.12% | 0.004% |
| 53 | 5.952 | 5.946 | 5.980 | HH | 1021   | 18492  | 0.05% | 0.002% |
| 54 | 5.995 | 5.980 | 6.028 | HH | 902    | 23311  | 0.07% | 0.002% |
| 55 | 6.059 | 6.028 | 6.099 | HH | 1473   | 42851  | 0.12% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.181 | 6.099 | 6.209 | HH | 2025   | 69070  | 0.20% | 0.007% |
| 57 | 6.228 | 6.209 | 6.254 | HH | 1468   | 32457  | 0.09% | 0.003% |
| 58 | 6.262 | 6.254 | 6.297 | HH | 1075   | 23080  | 0.07% | 0.002% |
| 59 | 6.337 | 6.297 | 6.390 | HH | 2056   | 63266  | 0.18% | 0.006% |
| 60 | 6.414 | 6.390 | 6.459 | HH | 1107   | 36533  | 0.10% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.484 | 6.459 | 6.501 | HH | 1186   | 23900  | 0.07% | 0.002% |
| 62 | 6.520 | 6.501 | 6.564 | HH | 959    | 29698  | 0.08% | 0.003% |
| 63 | 6.598 | 6.564 | 6.615 | HH | 921    | 22492  | 0.06% | 0.002% |
| 64 | 6.657 | 6.615 | 6.704 | HH | 980    | 45768  | 0.13% | 0.005% |
| 65 | 6.729 | 6.704 | 6.752 | HH | 1059   | 29575  | 0.08% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.767 | 6.752 | 6.792 | HH | 1354   | 28740  | 0.08% | 0.003% |
| 67 | 6.822 | 6.792 | 6.877 | HH | 1385   | 62400  | 0.18% | 0.006% |
| 68 | 6.894 | 6.877 | 6.918 | HH | 1187   | 26027  | 0.07% | 0.003% |
| 69 | 6.954 | 6.918 | 6.973 | HH | 1195   | 36851  | 0.11% | 0.004% |
| 70 | 7.011 | 6.973 | 7.026 | HH | 1397   | 39358  | 0.11% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 71 | 7.038 | 7.026 | 7.081 | HH | 1367   | 38712  | 0.11% | 0.004% |
| 72 | 7.127 | 7.081 | 7.146 | HH | 2570   | 63115  | 0.18% | 0.006% |
| 73 | 7.159 | 7.146 | 7.183 | HH | 1675   | 34160  | 0.10% | 0.003% |
| 74 | 7.205 | 7.183 | 7.227 | HH | 1688   | 37232  | 0.11% | 0.004% |
| 75 | 7.258 | 7.227 | 7.297 | HH | 2588   | 69891  | 0.20% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 76 | 7.320 | 7.297 | 7.356 | HH | 1409   | 44438  | 0.13% | 0.004% |
| 77 | 7.412 | 7.356 | 7.451 | HH | 1896   | 77666  | 0.22% | 0.008% |
| 78 | 7.483 | 7.451 | 7.502 | HH | 1461   | 41434  | 0.12% | 0.004% |
| 79 | 7.518 | 7.502 | 7.534 | HH | 1559   | 26804  | 0.08% | 0.003% |
| 80 | 7.566 | 7.534 | 7.581 | HH | 1755   | 44584  | 0.13% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.619 | 7.581 | 7.627 | HH | 2373   | 57181  | 0.16% | 0.006% |
| 82 | 7.663 | 7.627 | 7.721 | HH | 3267   | 132757 | 0.38% | 0.013% |
| 83 | 7.731 | 7.721 | 7.757 | HH | 1844   | 35704  | 0.10% | 0.004% |
| 84 | 7.775 | 7.757 | 7.807 | HH | 1728   | 46578  | 0.13% | 0.005% |
| 85 | 7.821 | 7.807 | 7.842 | HH | 1774   | 33596  | 0.10% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.897 | 7.842 | 7.911 | HH | 1958   | 72434  | 0.21% | 0.007% |
| 87 | 7.921 | 7.911 | 7.934 | HH | 2013   | 26513  | 0.08% | 0.003% |
| 88 | 7.948 | 7.934 | 7.964 | HH | 2160   | 35514  | 0.10% | 0.004% |
| 89 | 7.984 | 7.964 | 7.995 | HH | 2643   | 43618  | 0.12% | 0.004% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 90  | 8.023  | 7.995  | 8.072  | HH | 3865   | 131817 | 0.38% | 0.013% |
| 91  | 8.124  | 8.072  | 8.156  | HH | 5369   | 139882 | 0.40% | 0.014% |
| 92  | 8.171  | 8.156  | 8.206  | HH | 2006   | 55613  | 0.16% | 0.006% |
| 93  | 8.231  | 8.206  | 8.269  | HH | 3144   | 86584  | 0.25% | 0.009% |
| 94  | 8.282  | 8.269  | 8.332  | HH | 2142   | 71309  | 0.20% | 0.007% |
| 95  | 8.425  | 8.332  | 8.442  | HH | 2175   | 126698 | 0.36% | 0.013% |
| 96  | 8.481  | 8.442  | 8.527  | HH | 2864   | 124988 | 0.36% | 0.013% |
| 97  | 8.539  | 8.527  | 8.552  | HH | 2582   | 36781  | 0.11% | 0.004% |
| 98  | 8.573  | 8.552  | 8.596  | HH | 2791   | 67260  | 0.19% | 0.007% |
| 99  | 8.626  | 8.596  | 8.643  | HH | 3772   | 91694  | 0.26% | 0.009% |
| 100 | 8.659  | 8.643  | 8.689  | HH | 4168   | 89555  | 0.26% | 0.009% |
| 101 | 8.714  | 8.689  | 8.771  | HH | 4716   | 167805 | 0.48% | 0.017% |
| 102 | 8.857  | 8.771  | 8.896  | HH | 5078   | 258751 | 0.74% | 0.026% |
| 103 | 8.944  | 8.896  | 9.001  | HH | 8087   | 244967 | 0.70% | 0.025% |
| 104 | 9.030  | 9.001  | 9.052  | HH | 3147   | 88159  | 0.25% | 0.009% |
| 105 | 9.124  | 9.052  | 9.219  | HH | 5364   | 337459 | 0.96% | 0.034% |
| 106 | 9.269  | 9.219  | 9.293  | HH | 5583   | 171967 | 0.49% | 0.017% |
| 107 | 9.319  | 9.293  | 9.351  | HH | 4486   | 141726 | 0.40% | 0.014% |
| 108 | 9.358  | 9.351  | 9.389  | HH | 4160   | 88806  | 0.25% | 0.009% |
| 109 | 9.404  | 9.389  | 9.424  | HH | 4046   | 80658  | 0.23% | 0.008% |
| 110 | 9.448  | 9.424  | 9.469  | HH | 4494   | 105228 | 0.30% | 0.011% |
| 111 | 9.498  | 9.469  | 9.526  | HH | 4184   | 130515 | 0.37% | 0.013% |
| 112 | 9.547  | 9.526  | 9.563  | HH | 3995   | 85168  | 0.24% | 0.009% |
| 113 | 9.584  | 9.563  | 9.604  | HH | 4946   | 104952 | 0.30% | 0.011% |
| 114 | 9.649  | 9.604  | 9.694  | HH | 8282   | 299927 | 0.86% | 0.030% |
| 115 | 9.720  | 9.694  | 9.772  | HH | 14009  | 306796 | 0.88% | 0.031% |
| 116 | 9.821  | 9.772  | 9.857  | HH | 4568   | 216629 | 0.62% | 0.022% |
| 117 | 9.885  | 9.857  | 9.902  | HH | 4457   | 114039 | 0.33% | 0.011% |
| 118 | 9.915  | 9.902  | 9.932  | HH | 4293   | 75402  | 0.22% | 0.008% |
| 119 | 9.953  | 9.932  | 9.964  | HH | 4397   | 80695  | 0.23% | 0.008% |
| 120 | 9.988  | 9.964  | 10.005 | HH | 4540   | 107048 | 0.31% | 0.011% |
| 121 | 10.065 | 10.005 | 10.081 | HH | 5416   | 216429 | 0.62% | 0.022% |
| 122 | 10.107 | 10.081 | 10.127 | HH | 6984   | 168744 | 0.48% | 0.017% |
| 123 | 10.146 | 10.127 | 10.177 | HH | 5972   | 167632 | 0.48% | 0.017% |
| 124 | 10.197 | 10.177 | 10.224 | HH | 5934   | 153909 | 0.44% | 0.015% |
| 125 | 10.251 | 10.224 | 10.279 | HH | 6239   | 187147 | 0.53% | 0.019% |
| 126 | 10.298 | 10.279 | 10.323 | HH | 6234   | 156374 | 0.45% | 0.016% |
| 127 | 10.381 | 10.323 | 10.392 | HH | 7713   | 271195 | 0.77% | 0.027% |
| 128 | 10.409 | 10.392 | 10.425 | HH | 8604   | 152079 | 0.43% | 0.015% |
| 129 | 10.456 | 10.425 | 10.492 | HH | 12483  | 339524 | 0.97% | 0.034% |
| 130 | 10.529 | 10.492 | 10.571 | HH | 8438   | 335812 | 0.96% | 0.034% |
| 131 | 10.584 | 10.571 | 10.609 | HH | 7146   | 153862 | 0.44% | 0.015% |
| 132 | 10.630 | 10.609 | 10.653 | HH | 6888   | 175097 | 0.50% | 0.018% |
| 133 | 10.677 | 10.653 | 10.715 | HH | 8771   | 273540 | 0.78% | 0.028% |
| 134 | 10.733 | 10.715 | 10.746 | HH | 7220   | 128683 | 0.37% | 0.013% |
| 135 | 10.775 | 10.746 | 10.812 | HH | 8347   | 307365 | 0.88% | 0.031% |
| 136 | 10.849 | 10.812 | 10.891 | HH | 8532   | 375960 | 1.07% | 0.038% |
| 137 | 10.906 | 10.891 | 10.929 | HH | 7833   | 177097 | 0.51% | 0.018% |
| 138 | 10.936 | 10.929 | 10.946 | HH | 7714   | 76157  | 0.22% | 0.008% |
| 139 | 10.965 | 10.946 | 10.976 | HH | 7981   | 139830 | 0.40% | 0.014% |
| 140 | 11.018 | 10.976 | 11.038 | HH | 8364   | 297381 | 0.85% | 0.030% |
| 141 | 11.046 | 11.038 | 11.062 | HH | 8032   | 117245 | 0.33% | 0.012% |

| rteres |        |        |        |    |        |         |       |        |
|--------|--------|--------|--------|----|--------|---------|-------|--------|
| 142    | 11.088 | 11.062 | 11.105 | HH | 11837  | 251968  | 0.72% | 0.025% |
| 143    | 11.125 | 11.105 | 11.139 | HH | 13657  | 231135  | 0.66% | 0.023% |
| 144    | 11.157 | 11.139 | 11.203 | HH | 16226  | 429075  | 1.23% | 0.043% |
| 145    | 11.248 | 11.203 | 11.282 | HH | 10578  | 440092  | 1.26% | 0.044% |
|        |        |        |        |    |        |         |       |        |
| 146    | 11.347 | 11.282 | 11.371 | HH | 11994  | 514807  | 1.47% | 0.052% |
| 147    | 11.402 | 11.371 | 11.419 | HH | 10558  | 285856  | 0.82% | 0.029% |
| 148    | 11.466 | 11.419 | 11.499 | HH | 45090  | 863604  | 2.47% | 0.087% |
| 149    | 11.560 | 11.499 | 11.579 | HH | 11682  | 514354  | 1.47% | 0.052% |
| 150    | 11.596 | 11.579 | 11.657 | HH | 11376  | 516308  | 1.47% | 0.052% |
|        |        |        |        |    |        |         |       |        |
| 151    | 11.703 | 11.657 | 11.739 | HH | 13051  | 569248  | 1.63% | 0.057% |
| 152    | 11.764 | 11.739 | 11.782 | HH | 12399  | 309788  | 0.88% | 0.031% |
| 153    | 11.824 | 11.782 | 11.852 | HH | 16030  | 576548  | 1.65% | 0.058% |
| 154    | 11.871 | 11.852 | 11.886 | HH | 12699  | 246915  | 0.71% | 0.025% |
| 155    | 11.914 | 11.886 | 11.964 | HH | 13034  | 596577  | 1.70% | 0.060% |
|        |        |        |        |    |        |         |       |        |
| 156    | 11.983 | 11.964 | 12.006 | HH | 13368  | 324212  | 0.93% | 0.033% |
| 157    | 12.070 | 12.006 | 12.153 | HH | 31913  | 1512600 | 4.32% | 0.152% |
| 158    | 12.181 | 12.153 | 12.204 | HH | 15912  | 463968  | 1.33% | 0.047% |
| 159    | 12.229 | 12.204 | 12.249 | HH | 15796  | 419411  | 1.20% | 0.042% |
| 160    | 12.257 | 12.249 | 12.267 | HH | 15631  | 171170  | 0.49% | 0.017% |
|        |        |        |        |    |        |         |       |        |
| 161    | 12.290 | 12.267 | 12.317 | HH | 16053  | 468371  | 1.34% | 0.047% |
| 162    | 12.326 | 12.317 | 12.342 | HH | 15914  | 239433  | 0.68% | 0.024% |
| 163    | 12.361 | 12.342 | 12.370 | HH | 16379  | 270833  | 0.77% | 0.027% |
| 164    | 12.403 | 12.370 | 12.424 | HH | 19572  | 570233  | 1.63% | 0.057% |
| 165    | 12.464 | 12.424 | 12.489 | HH | 23815  | 756102  | 2.16% | 0.076% |
|        |        |        |        |    |        |         |       |        |
| 166    | 12.505 | 12.489 | 12.532 | HH | 17270  | 443904  | 1.27% | 0.045% |
| 167    | 12.573 | 12.532 | 12.589 | HH | 18580  | 607179  | 1.73% | 0.061% |
| 168    | 12.608 | 12.589 | 12.632 | HH | 18958  | 477968  | 1.37% | 0.048% |
| 169    | 12.670 | 12.632 | 12.680 | HH | 18619  | 530211  | 1.51% | 0.053% |
| 170    | 12.721 | 12.680 | 12.735 | HH | 20039  | 620922  | 1.77% | 0.063% |
|        |        |        |        |    |        |         |       |        |
| 171    | 12.752 | 12.735 | 12.772 | HH | 19928  | 439362  | 1.26% | 0.044% |
| 172    | 12.814 | 12.772 | 12.849 | HH | 21414  | 943924  | 2.70% | 0.095% |
| 173    | 12.856 | 12.849 | 12.876 | HH | 20847  | 327074  | 0.93% | 0.033% |
| 174    | 12.907 | 12.876 | 12.954 | HH | 135733 | 2366998 | 6.76% | 0.238% |
| 175    | 12.980 | 12.954 | 13.050 | HH | 23561  | 1302601 | 3.72% | 0.131% |
|        |        |        |        |    |        |         |       |        |
| 176    | 13.078 | 13.050 | 13.102 | HH | 25153  | 741034  | 2.12% | 0.075% |
| 177    | 13.121 | 13.102 | 13.141 | HH | 23522  | 537646  | 1.54% | 0.054% |
| 178    | 13.151 | 13.141 | 13.164 | HH | 23608  | 328700  | 0.94% | 0.033% |
| 179    | 13.167 | 13.164 | 13.177 | HH | 23815  | 187724  | 0.54% | 0.019% |
| 180    | 13.239 | 13.177 | 13.255 | HH | 24557  | 1116577 | 3.19% | 0.112% |
|        |        |        |        |    |        |         |       |        |
| 181    | 13.303 | 13.255 | 13.321 | HH | 28236  | 1010703 | 2.89% | 0.102% |
| 182    | 13.339 | 13.321 | 13.359 | HH | 26544  | 603645  | 1.72% | 0.061% |
| 183    | 13.383 | 13.359 | 13.413 | HH | 26514  | 841052  | 2.40% | 0.085% |
| 184    | 13.433 | 13.413 | 13.462 | HH | 27746  | 804833  | 2.30% | 0.081% |
| 185    | 13.486 | 13.462 | 13.506 | HH | 29707  | 737467  | 2.11% | 0.074% |
|        |        |        |        |    |        |         |       |        |
| 186    | 13.516 | 13.506 | 13.539 | HH | 28296  | 556438  | 1.59% | 0.056% |
| 187    | 13.578 | 13.539 | 13.589 | HH | 29322  | 852359  | 2.43% | 0.086% |
| 188    | 13.610 | 13.589 | 13.631 | HH | 31920  | 751359  | 2.15% | 0.076% |
| 189    | 13.657 | 13.631 | 13.702 | HH | 34614  | 1376404 | 3.93% | 0.139% |
| 190    | 13.708 | 13.702 | 13.727 | HH | 30719  | 457436  | 1.31% | 0.046% |
|        |        |        |        |    |        |         |       |        |
| 191    | 13.812 | 13.727 | 13.837 | HH | 32177  | 2050951 | 5.86% | 0.207% |
| 192    | 13.882 | 13.837 | 13.906 | HH | 34395  | 1361898 | 3.89% | 0.137% |
| 193    | 13.945 | 13.906 | 13.996 | HH | 37916  | 1901106 | 5.43% | 0.191% |
| 194    | 14.047 | 13.996 | 14.073 | HH | 39459  | 1724869 | 4.93% | 0.174% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 14.097 | 14.073 | 14.114 | HH | 38287  | 929502  | 2.66%  | 0.094% |
| 196    | 14.123 | 14.114 | 14.132 | HH | 37164  | 407654  | 1.16%  | 0.041% |
| 197    | 14.159 | 14.132 | 14.176 | HH | 38044  | 982654  | 2.81%  | 0.099% |
| 198    | 14.184 | 14.176 | 14.199 | HH | 38033  | 520325  | 1.49%  | 0.052% |
| 199    | 14.223 | 14.199 | 14.244 | HH | 41694  | 1069544 | 3.06%  | 0.108% |
| 200    | 14.279 | 14.244 | 14.298 | HH | 40830  | 1303702 | 3.72%  | 0.131% |
| 201    | 14.321 | 14.298 | 14.357 | HH | 41924  | 1434856 | 4.10%  | 0.145% |
| 202    | 14.383 | 14.357 | 14.402 | HH | 41487  | 1094335 | 3.13%  | 0.110% |
| 203    | 14.448 | 14.402 | 14.466 | HH | 43073  | 1599112 | 4.57%  | 0.161% |
| 204    | 14.504 | 14.466 | 14.521 | HH | 44234  | 1417111 | 4.05%  | 0.143% |
| 205    | 14.547 | 14.521 | 14.572 | HH | 44064  | 1352269 | 3.86%  | 0.136% |
| 206    | 14.612 | 14.572 | 14.651 | HH | 47128  | 2140091 | 6.11%  | 0.216% |
| 207    | 14.719 | 14.651 | 14.744 | HH | 49549  | 2663712 | 7.61%  | 0.268% |
| 208    | 14.765 | 14.744 | 14.787 | HH | 52209  | 1296028 | 3.70%  | 0.131% |
| 209    | 14.813 | 14.787 | 14.839 | HH | 51782  | 1563407 | 4.47%  | 0.157% |
| 210    | 14.859 | 14.839 | 14.872 | HH | 51574  | 1010799 | 2.89%  | 0.102% |
| 211    | 14.895 | 14.872 | 14.907 | HH | 52712  | 1080550 | 3.09%  | 0.109% |
| 212    | 14.928 | 14.907 | 14.944 | HH | 52635  | 1137734 | 3.25%  | 0.115% |
| 213    | 14.965 | 14.944 | 14.983 | HH | 54253  | 1258188 | 3.59%  | 0.127% |
| 214    | 15.000 | 14.983 | 15.024 | HH | 54819  | 1320749 | 3.77%  | 0.133% |
| 215    | 15.051 | 15.024 | 15.064 | HH | 55723  | 1311264 | 3.75%  | 0.132% |
| 216    | 15.075 | 15.064 | 15.086 | HH | 55901  | 719289  | 2.05%  | 0.072% |
| 217    | 15.100 | 15.086 | 15.108 | HH | 56299  | 756034  | 2.16%  | 0.076% |
| 218    | 15.182 | 15.108 | 15.202 | HH | 59299  | 3250836 | 9.29%  | 0.327% |
| 219    | 15.212 | 15.202 | 15.228 | HH | 60189  | 929160  | 2.65%  | 0.094% |
| 220    | 15.244 | 15.228 | 15.259 | HH | 62292  | 1100265 | 3.14%  | 0.111% |
| 221    | 15.280 | 15.259 | 15.311 | HH | 65512  | 1974243 | 5.64%  | 0.199% |
| 222    | 15.331 | 15.311 | 15.342 | HH | 63528  | 1181828 | 3.38%  | 0.119% |
| 223    | 15.358 | 15.342 | 15.371 | HH | 62870  | 1058500 | 3.02%  | 0.107% |
| 224    | 15.393 | 15.371 | 15.412 | HH | 63403  | 1527672 | 4.36%  | 0.154% |
| 225    | 15.438 | 15.412 | 15.452 | HH | 64558  | 1524434 | 4.35%  | 0.154% |
| 226    | 15.513 | 15.452 | 15.526 | HH | 67293  | 2912165 | 8.32%  | 0.293% |
| 227    | 15.552 | 15.526 | 15.563 | HH | 68827  | 1499426 | 4.28%  | 0.151% |
| 228    | 15.596 | 15.563 | 15.616 | HH | 70006  | 2185524 | 6.24%  | 0.220% |
| 229    | 15.643 | 15.616 | 15.652 | HH | 71551  | 1535790 | 4.39%  | 0.155% |
| 230    | 15.672 | 15.652 | 15.683 | HH | 72289  | 1286051 | 3.67%  | 0.130% |
| 231    | 15.697 | 15.683 | 15.706 | HH | 72548  | 992600  | 2.84%  | 0.100% |
| 232    | 15.736 | 15.706 | 15.755 | HH | 75544  | 2164965 | 6.18%  | 0.218% |
| 233    | 15.786 | 15.755 | 15.812 | HH | 78853  | 2613183 | 7.46%  | 0.263% |
| 234    | 15.851 | 15.812 | 15.874 | HH | 80171  | 2886878 | 8.25%  | 0.291% |
| 235    | 15.887 | 15.874 | 15.895 | HH | 78840  | 986871  | 2.82%  | 0.099% |
| 236    | 15.917 | 15.895 | 15.936 | HH | 82298  | 1945005 | 5.56%  | 0.196% |
| 237    | 15.989 | 15.936 | 16.007 | HH | 86156  | 3546018 | 10.13% | 0.357% |
| 238    | 16.028 | 16.007 | 16.037 | HH | 86499  | 1535034 | 4.39%  | 0.155% |
| 239    | 16.060 | 16.037 | 16.074 | HH | 92427  | 1939810 | 5.54%  | 0.195% |
| 240    | 16.084 | 16.074 | 16.092 | HH | 89437  | 941197  | 2.69%  | 0.095% |
| 241    | 16.124 | 16.092 | 16.144 | HH | 92876  | 2848879 | 8.14%  | 0.287% |
| 242    | 16.166 | 16.144 | 16.188 | HH | 91846  | 2390416 | 6.83%  | 0.241% |
| 243    | 16.269 | 16.188 | 16.324 | HH | 103643 | 7818133 | 22.33% | 0.787% |
| 244    | 16.349 | 16.324 | 16.376 | HH | 102588 | 3092891 | 8.84%  | 0.311% |
| 245    | 16.413 | 16.376 | 16.434 | HH | 106987 | 3629201 | 10.37% | 0.365% |
| 246    | 16.446 | 16.434 | 16.468 | HH | 105455 | 2162475 | 6.18%  | 0.218% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 16.477 | 16.468 | 16.495 | HH | 107782 | 1697686  | 4.85%  | 0.171% |
| 248    | 16.527 | 16.495 | 16.544 | HH | 107879 | 3103078  | 8.86%  | 0.313% |
| 249    | 16.589 | 16.544 | 16.602 | HH | 112816 | 3813738  | 10.89% | 0.384% |
| 250    | 16.628 | 16.602 | 16.642 | HH | 111844 | 2656877  | 7.59%  | 0.268% |
|        |        |        |        |    |        |          |        |        |
| 251    | 16.696 | 16.642 | 16.708 | HH | 121346 | 4513243  | 12.89% | 0.455% |
| 252    | 16.750 | 16.708 | 16.771 | HH | 131178 | 4702475  | 13.43% | 0.474% |
| 253    | 16.777 | 16.771 | 16.795 | HH | 126877 | 1808716  | 5.17%  | 0.182% |
| 254    | 16.813 | 16.795 | 16.825 | HH | 124254 | 2189518  | 6.25%  | 0.221% |
| 255    | 16.838 | 16.825 | 16.866 | HH | 123522 | 3006402  | 8.59%  | 0.303% |
|        |        |        |        |    |        |          |        |        |
| 256    | 16.873 | 16.866 | 16.887 | HH | 122577 | 1562708  | 4.46%  | 0.157% |
| 257    | 16.918 | 16.887 | 16.927 | HH | 133901 | 3091845  | 8.83%  | 0.311% |
| 258    | 16.968 | 16.927 | 16.995 | HH | 134722 | 5351128  | 15.29% | 0.539% |
| 259    | 17.004 | 16.995 | 17.011 | HH | 130863 | 1196225  | 3.42%  | 0.120% |
| 260    | 17.036 | 17.011 | 17.043 | HH | 132222 | 2556058  | 7.30%  | 0.257% |
|        |        |        |        |    |        |          |        |        |
| 261    | 17.054 | 17.043 | 17.084 | HH | 134375 | 3241854  | 9.26%  | 0.326% |
| 262    | 17.108 | 17.084 | 17.124 | HH | 139997 | 3252665  | 9.29%  | 0.328% |
| 263    | 17.186 | 17.124 | 17.209 | HH | 177399 | 7559007  | 21.59% | 0.761% |
| 264    | 17.218 | 17.209 | 17.237 | HH | 145804 | 2386379  | 6.82%  | 0.240% |
| 265    | 17.253 | 17.237 | 17.272 | HH | 148361 | 3097031  | 8.85%  | 0.312% |
|        |        |        |        |    |        |          |        |        |
| 266    | 17.293 | 17.272 | 17.327 | HH | 153458 | 4832812  | 13.81% | 0.487% |
| 267    | 17.358 | 17.327 | 17.380 | HH | 152525 | 4677699  | 13.36% | 0.471% |
| 268    | 17.404 | 17.380 | 17.417 | HH | 149935 | 3305661  | 9.44%  | 0.333% |
| 269    | 17.472 | 17.417 | 17.492 | HH | 156062 | 6726495  | 19.22% | 0.677% |
| 270    | 17.512 | 17.492 | 17.542 | HH | 167096 | 4789735  | 13.68% | 0.482% |
|        |        |        |        |    |        |          |        |        |
| 271    | 17.586 | 17.542 | 17.596 | HH | 170668 | 5264704  | 15.04% | 0.530% |
| 272    | 17.616 | 17.596 | 17.668 | HH | 179969 | 7153587  | 20.44% | 0.720% |
| 273    | 17.789 | 17.668 | 17.839 | HH | 179383 | 17368358 | 49.61% | 1.749% |
| 274    | 17.855 | 17.839 | 17.872 | HH | 176079 | 3414909  | 9.76%  | 0.344% |
| 275    | 17.900 | 17.872 | 17.907 | HH | 177378 | 3715449  | 10.61% | 0.374% |
|        |        |        |        |    |        |          |        |        |
| 276    | 17.954 | 17.907 | 17.962 | HH | 184887 | 5912063  | 16.89% | 0.595% |
| 277    | 17.972 | 17.962 | 18.014 | HH | 187532 | 5709624  | 16.31% | 0.575% |
| 278    | 18.044 | 18.014 | 18.085 | HH | 228619 | 8560049  | 24.45% | 0.862% |
| 279    | 18.119 | 18.085 | 18.152 | HH | 195782 | 7671634  | 21.92% | 0.773% |
| 280    | 18.195 | 18.152 | 18.221 | HH | 195516 | 7892464  | 22.55% | 0.795% |
|        |        |        |        |    |        |          |        |        |
| 281    | 18.246 | 18.221 | 18.276 | HH | 197080 | 6373503  | 18.21% | 0.642% |
| 282    | 18.287 | 18.276 | 18.306 | HH | 197351 | 3484125  | 9.95%  | 0.351% |
| 283    | 18.333 | 18.306 | 18.342 | HH | 199969 | 4252569  | 12.15% | 0.428% |
| 284    | 18.354 | 18.342 | 18.380 | HH | 198130 | 4415057  | 12.61% | 0.445% |
| 285    | 18.454 | 18.380 | 18.486 | HH | 218197 | 13043568 | 37.26% | 1.314% |
|        |        |        |        |    |        |          |        |        |
| 286    | 18.503 | 18.486 | 18.526 | HH | 212225 | 5013647  | 14.32% | 0.505% |
| 287    | 18.546 | 18.526 | 18.567 | HH | 222991 | 5381482  | 15.37% | 0.542% |
| 288    | 18.578 | 18.567 | 18.585 | HH | 216981 | 2309456  | 6.60%  | 0.233% |
| 289    | 18.604 | 18.585 | 18.619 | HH | 218575 | 4395306  | 12.56% | 0.443% |
| 290    | 18.634 | 18.619 | 18.666 | HH | 223227 | 6160699  | 17.60% | 0.620% |
|        |        |        |        |    |        |          |        |        |
| 291    | 18.687 | 18.666 | 18.707 | HH | 229409 | 5490602  | 15.68% | 0.553% |
| 292    | 18.719 | 18.707 | 18.738 | HH | 228156 | 4183891  | 11.95% | 0.421% |
| 293    | 18.749 | 18.738 | 18.757 | HH | 226823 | 2554068  | 7.30%  | 0.257% |
| 294    | 18.767 | 18.757 | 18.786 | HH | 228344 | 3877281  | 11.08% | 0.390% |
| 295    | 18.803 | 18.786 | 18.825 | HH | 232725 | 5426656  | 15.50% | 0.547% |
|        |        |        |        |    |        |          |        |        |
| 296    | 18.853 | 18.825 | 18.902 | HH | 249558 | 11175367 | 31.92% | 1.125% |
| 297    | 18.932 | 18.902 | 18.946 | HH | 245638 | 6320476  | 18.06% | 0.637% |
| 298    | 18.965 | 18.946 | 18.973 | HH | 253200 | 4109142  | 11.74% | 0.414% |
| 299    | 19.000 | 18.973 | 19.032 | HH | 260196 | 9012154  | 25.74% | 0.908% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    | rteres |          |         |        |
| 300 | 19.044 | 19.032 | 19.064 | HH | 258337 | 4838356  | 13.82%  | 0.487% |
| 301 | 19.106 | 19.064 | 19.121 | HH | 260360 | 8769344  | 25.05%  | 0.883% |
| 302 | 19.139 | 19.121 | 19.156 | HH | 267682 | 5485296  | 15.67%  | 0.552% |
| 303 | 19.247 | 19.156 | 19.267 | HH | 280626 | 18165973 | 51.89%  | 1.829% |
| 304 | 19.287 | 19.267 | 19.307 | HH | 292683 | 6789324  | 19.39%  | 0.684% |
| 305 | 19.313 | 19.307 | 19.324 | HH | 278009 | 2816534  | 8.05%   | 0.284% |
| 306 | 19.343 | 19.324 | 19.359 | HH | 286234 | 5788948  | 16.54%  | 0.583% |
| 307 | 19.370 | 19.359 | 19.381 | HH | 285579 | 3708295  | 10.59%  | 0.373% |
| 308 | 19.412 | 19.381 | 19.421 | HH | 293871 | 6932578  | 19.80%  | 0.698% |
| 309 | 19.438 | 19.421 | 19.456 | HH | 298882 | 6162233  | 17.60%  | 0.621% |
| 310 | 19.516 | 19.456 | 19.554 | HH | 320192 | 18343724 | 52.40%  | 1.847% |
| 311 | 19.578 | 19.554 | 19.591 | HH | 315925 | 6799566  | 19.42%  | 0.685% |
| 312 | 19.608 | 19.591 | 19.617 | HH | 319146 | 5034330  | 14.38%  | 0.507% |
| 313 | 19.759 | 19.617 | 19.791 | HH | 352918 | 35006310 | 100.00% | 3.525% |
| 314 | 19.806 | 19.791 | 19.847 | HH | 356478 | 11658715 | 33.30%  | 1.174% |
| 315 | 19.920 | 19.847 | 19.933 | HH | 360671 | 18447064 | 52.70%  | 1.858% |
| 316 | 20.010 | 19.933 | 20.047 | HH | 391822 | 25717311 | 73.46%  | 2.590% |
| 317 | 20.053 | 20.047 | 20.062 | HH | 379700 | 3374782  | 9.64%   | 0.340% |
| 318 | 20.080 | 20.062 | 20.096 | HH | 385122 | 7610384  | 21.74%  | 0.766% |
| 319 | 20.107 | 20.096 | 20.122 | HH | 391876 | 6212553  | 17.75%  | 0.626% |
| 320 | 20.170 | 20.122 | 20.206 | HH | 406660 | 19760410 | 56.45%  | 1.990% |
| 321 | 20.248 | 20.206 | 20.255 | HH | 408447 | 11997699 | 34.27%  | 1.208% |
| 322 | 20.266 | 20.255 | 20.286 | HH | 412988 | 7517648  | 21.48%  | 0.757% |
| 323 | 20.319 | 20.286 | 20.339 | HH | 418851 | 13148962 | 37.56%  | 1.324% |
| 324 | 20.357 | 20.339 | 20.368 | HH | 422848 | 7348688  | 20.99%  | 0.740% |
| 325 | 20.382 | 20.368 | 20.404 | HH | 425327 | 9019991  | 25.77%  | 0.908% |
| 326 | 20.430 | 20.404 | 20.440 | HH | 417004 | 9012062  | 25.74%  | 0.908% |
| 327 | 20.470 | 20.440 | 20.506 | HH | 434043 | 16607018 | 47.44%  | 1.672% |
| 328 | 20.518 | 20.506 | 20.532 | HH | 426873 | 6793374  | 19.41%  | 0.684% |
| 329 | 20.548 | 20.532 | 20.597 | HH | 423229 | 16406649 | 46.87%  | 1.652% |
| 330 | 20.605 | 20.597 | 20.650 | HH | 420527 | 12971699 | 37.06%  | 1.306% |
| 331 | 20.663 | 20.650 | 20.681 | HH | 412918 | 7633602  | 21.81%  | 0.769% |
| 332 | 20.699 | 20.681 | 20.712 | HH | 414770 | 7802111  | 22.29%  | 0.786% |
| 333 | 20.785 | 20.712 | 20.793 | HH | 423821 | 20220385 | 57.76%  | 2.036% |
| 334 | 20.825 | 20.793 | 20.837 | HH | 434151 | 11154464 | 31.86%  | 1.123% |
| 335 | 20.845 | 20.837 | 20.909 | HH | 432850 | 18175865 | 51.92%  | 1.830% |
| 336 | 20.932 | 20.909 | 20.962 | HH | 407968 | 12915302 | 36.89%  | 1.301% |
| 337 | 20.991 | 20.962 | 21.044 | HH | 415329 | 19726126 | 56.35%  | 1.987% |
| 338 | 21.063 | 21.044 | 21.074 | HH | 403474 | 7291401  | 20.83%  | 0.734% |
| 339 | 21.081 | 21.074 | 21.104 | HH | 402216 | 7203830  | 20.58%  | 0.725% |
| 340 | 21.111 | 21.104 | 21.119 | HH | 401842 | 3594824  | 10.27%  | 0.362% |
| 341 | 21.126 | 21.119 | 21.157 | HH | 401842 | 9127468  | 26.07%  | 0.919% |
| 342 | 21.165 | 21.157 | 21.177 | HH | 396203 | 4758753  | 13.59%  | 0.479% |
| 343 | 21.191 | 21.177 | 21.240 | HH | 401232 | 14798781 | 42.27%  | 1.490% |
| 344 | 21.277 | 21.240 | 21.322 | HH | 387653 | 18605723 | 53.15%  | 1.874% |
| 345 | 21.347 | 21.322 | 21.376 | HH | 374791 | 11898732 | 33.99%  | 1.198% |
| 346 | 21.424 | 21.376 | 21.439 | HH | 388660 | 14466434 | 41.33%  | 1.457% |
| 347 | 21.450 | 21.439 | 21.458 | HH | 386170 | 4444682  | 12.70%  | 0.448% |
| 348 | 21.479 | 21.458 | 21.496 | HH | 396482 | 8724850  | 24.92%  | 0.879% |
| 349 | 21.511 | 21.496 | 21.537 | HH | 392485 | 9498910  | 27.13%  | 0.957% |
| 350 | 21.570 | 21.537 | 21.632 | HH | 393234 | 22087343 | 63.10%  | 2.224% |
| 351 | 21.648 | 21.632 | 21.701 | HH | 378157 | 15430017 | 44.08%  | 1.554% |

rters  
Sum of corrected areas: 992970701

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