

rteres  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061918AL\  
Data File : FC034805.D  
Signal(s) : FID1A.CH  
Acq On : 19 Jun 2018 21:30  
Sample : J3471-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\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         | 3.544       | 3.517        | 3.562      | PH       | 211            | 1729         | 0.04%          | 0.001%        |
| 2         | 3.571       | 3.562        | 3.603      | PH       | 136            | 1308         | 0.03%          | 0.001%        |
| 3         | 3.634       | 3.603        | 3.701      | PH       | 191            | 1878         | 0.04%          | 0.001%        |
| 4         | 3.911       | 3.894        | 3.992      | PH       | 735            | 15919        | 0.34%          | 0.007%        |
| 5         | 4.007       | 3.992        | 4.045      | PH       | 252            | 2531         | 0.05%          | 0.001%        |
| 6         | 4.095       | 4.045        | 4.164      | PH       | 158            | 5589         | 0.12%          | 0.003%        |
| 7         | 4.202       | 4.164        | 4.249      | PH       | 140            | 2837         | 0.06%          | 0.001%        |
| 8         | 4.258       | 4.249        | 4.307      | HH       | 154            | 1195         | 0.03%          | 0.001%        |
| 9         | 4.317       | 4.307        | 4.340      | PH       | 232            | 1689         | 0.04%          | 0.001%        |
| 10        | 4.388       | 4.340        | 4.403      | HH       | 285            | 4266         | 0.09%          | 0.002%        |
| 11        | 4.414       | 4.403        | 4.432      | HH       | 205            | 2111         | 0.05%          | 0.001%        |
| 12        | 4.443       | 4.432        | 4.452      | PH       | 163            | 1129         | 0.02%          | 0.001%        |
| 13        | 4.469       | 4.452        | 4.485      | HH       | 241            | 2949         | 0.06%          | 0.001%        |
| 14        | 4.500       | 4.485        | 4.514      | HH       | 261            | 2513         | 0.05%          | 0.001%        |
| 15        | 4.529       | 4.514        | 4.588      | HH       | 523            | 11306        | 0.24%          | 0.005%        |
| 16        | 4.602       | 4.588        | 4.637      | PH       | 118            | 2504         | 0.05%          | 0.001%        |
| 17        | 4.659       | 4.637        | 4.720      | HH       | 225            | 6150         | 0.13%          | 0.003%        |
| 18        | 4.725       | 4.720        | 4.754      | HH       | 121            | 1327         | 0.03%          | 0.001%        |
| 19        | 4.794       | 4.781        | 4.855      | PH       | 149            | 2653         | 0.06%          | 0.001%        |
| 20        | 4.866       | 4.855        | 4.888      | PH       | 89             | 1230         | 0.03%          | 0.001%        |
| 21        | 4.907       | 4.888        | 4.931      | PH       | 184            | 2734         | 0.06%          | 0.001%        |
| 22        | 4.949       | 4.931        | 4.983      | PH       | 321            | 4619         | 0.10%          | 0.002%        |
| 23        | 5.006       | 4.983        | 5.060      | PH       | 323            | 7251         | 0.16%          | 0.003%        |
| 24        | 5.070       | 5.060        | 5.105      | HH       | 204            | 3681         | 0.08%          | 0.002%        |
| 25        | 5.144       | 5.105        | 5.156      | HH       | 286            | 5519         | 0.12%          | 0.003%        |
| 26        | 5.175       | 5.156        | 5.229      | HH       | 492            | 10544        | 0.23%          | 0.005%        |
| 27        | 5.257       | 5.229        | 5.280      | HH       | 206            | 4597         | 0.10%          | 0.002%        |
| 28        | 5.293       | 5.280        | 5.312      | HH       | 148            | 2465         | 0.05%          | 0.001%        |
| 29        | 5.322       | 5.312        | 5.331      | HH       | 207            | 1405         | 0.03%          | 0.001%        |
| 30        | 5.355       | 5.331        | 5.376      | HH       | 299            | 5857         | 0.13%          | 0.003%        |
| 31        | 5.400       | 5.376        | 5.429      | HH       | 421            | 8370         | 0.18%          | 0.004%        |
| 32        | 5.452       | 5.429        | 5.499      | HH       | 269            | 8416         | 0.18%          | 0.004%        |
| 33        | 5.516       | 5.499        | 5.529      | HH       | 298            | 4186         | 0.09%          | 0.002%        |
| 34        | 5.538       | 5.529        | 5.575      | HH       | 318            | 5881         | 0.13%          | 0.003%        |
| 35        | 5.631       | 5.575        | 5.661      | HH       | 353            | 13872        | 0.30%          | 0.006%        |
| 36        | 5.699       | 5.661        | 5.707      | HH       | 399            | 8346         | 0.18%          | 0.004%        |

|    |       |       |       |    | rteres |         |         |        |
|----|-------|-------|-------|----|--------|---------|---------|--------|
| 37 | 5.718 | 5.707 | 5.732 | HH | 297    | 3902    | 0.08%   | 0.002% |
| 38 | 5.790 | 5.732 | 5.835 | HH | 467    | 18713   | 0.40%   | 0.009% |
| 39 | 5.898 | 5.835 | 5.964 | HH | 1633   | 47254   | 1.02%   | 0.022% |
| 40 | 5.973 | 5.964 | 5.984 | HH | 523    | 5461    | 0.12%   | 0.003% |
| 41 | 5.998 | 5.984 | 6.027 | HH | 659    | 14499   | 0.31%   | 0.007% |
| 42 | 6.055 | 6.027 | 6.102 | HH | 774    | 28461   | 0.61%   | 0.013% |
| 43 | 6.123 | 6.102 | 6.154 | HH | 697    | 17795   | 0.38%   | 0.008% |
| 44 | 6.180 | 6.154 | 6.213 | HH | 752    | 23179   | 0.50%   | 0.011% |
| 45 | 6.262 | 6.213 | 6.294 | HH | 807    | 31417   | 0.68%   | 0.015% |
| 46 | 6.340 | 6.294 | 6.397 | HH | 739    | 38198   | 0.82%   | 0.018% |
| 47 | 6.408 | 6.397 | 6.420 | HH | 442    | 5445    | 0.12%   | 0.003% |
| 48 | 6.442 | 6.420 | 6.475 | HH | 544    | 12959   | 0.28%   | 0.006% |
| 49 | 6.483 | 6.475 | 6.499 | HH | 293    | 4380    | 0.09%   | 0.002% |
| 50 | 6.525 | 6.499 | 6.566 | HH | 402    | 10591   | 0.23%   | 0.005% |
| 51 | 6.606 | 6.566 | 6.670 | HH | 495    | 21416   | 0.46%   | 0.010% |
| 52 | 6.725 | 6.670 | 6.749 | HH | 441    | 16835   | 0.36%   | 0.008% |
| 53 | 6.778 | 6.749 | 6.802 | HH | 423    | 11119   | 0.24%   | 0.005% |
| 54 | 6.827 | 6.802 | 6.835 | HH | 477    | 7158    | 0.15%   | 0.003% |
| 55 | 6.857 | 6.835 | 6.876 | HH | 554    | 10406   | 0.22%   | 0.005% |
| 56 | 6.889 | 6.876 | 6.920 | HH | 539    | 9897    | 0.21%   | 0.005% |
| 57 | 6.950 | 6.920 | 6.977 | HH | 2004   | 29526   | 0.64%   | 0.014% |
| 58 | 6.989 | 6.977 | 7.021 | HH | 778    | 13788   | 0.30%   | 0.006% |
| 59 | 7.034 | 7.021 | 7.057 | HH | 599    | 10439   | 0.23%   | 0.005% |
| 60 | 7.084 | 7.057 | 7.114 | HH | 3552   | 47526   | 1.03%   | 0.022% |
| 61 | 7.125 | 7.114 | 7.182 | HH | 680    | 21563   | 0.47%   | 0.010% |
| 62 | 7.198 | 7.182 | 7.240 | HH | 564    | 16640   | 0.36%   | 0.008% |
| 63 | 7.257 | 7.240 | 7.295 | HH | 790    | 18441   | 0.40%   | 0.009% |
| 64 | 7.315 | 7.295 | 7.356 | HH | 549    | 17447   | 0.38%   | 0.008% |
| 65 | 7.372 | 7.356 | 7.381 | HH | 471    | 6977    | 0.15%   | 0.003% |
| 66 | 7.427 | 7.381 | 7.458 | HH | 695    | 25113   | 0.54%   | 0.012% |
| 67 | 7.477 | 7.458 | 7.500 | HH | 673    | 15152   | 0.33%   | 0.007% |
| 68 | 7.562 | 7.500 | 7.644 | HH | 453025 | 4636288 | 100.00% | 2.142% |
| 69 | 7.672 | 7.644 | 7.767 | HH | 3358   | 125325  | 2.70%   | 0.058% |
| 70 | 7.779 | 7.767 | 7.801 | HH | 1037   | 19661   | 0.42%   | 0.009% |
| 71 | 7.829 | 7.801 | 7.864 | HH | 1989   | 50808   | 1.10%   | 0.023% |
| 72 | 7.885 | 7.864 | 7.905 | HH | 3033   | 47145   | 1.02%   | 0.022% |
| 73 | 7.940 | 7.905 | 7.975 | HH | 3025   | 86807   | 1.87%   | 0.040% |
| 74 | 8.042 | 7.975 | 8.058 | HH | 6493   | 119407  | 2.58%   | 0.055% |
| 75 | 8.069 | 8.058 | 8.103 | HH | 3814   | 59085   | 1.27%   | 0.027% |
| 76 | 8.121 | 8.103 | 8.157 | HH | 1590   | 37527   | 0.81%   | 0.017% |
| 77 | 8.178 | 8.157 | 8.214 | HH | 15223  | 213499  | 4.60%   | 0.099% |
| 78 | 8.225 | 8.214 | 8.270 | HH | 3674   | 75932   | 1.64%   | 0.035% |
| 79 | 8.278 | 8.270 | 8.292 | HH | 1055   | 12206   | 0.26%   | 0.006% |
| 80 | 8.314 | 8.292 | 8.334 | HH | 2382   | 36001   | 0.78%   | 0.017% |
| 81 | 8.361 | 8.334 | 8.384 | HH | 1234   | 30972   | 0.67%   | 0.014% |
| 82 | 8.422 | 8.384 | 8.495 | HH | 300894 | 3267546 | 70.48%  | 1.509% |
| 83 | 8.519 | 8.495 | 8.543 | HH | 13617  | 169952  | 3.67%   | 0.079% |
| 84 | 8.563 | 8.543 | 8.605 | HH | 4148   | 86856   | 1.87%   | 0.040% |
| 85 | 8.632 | 8.605 | 8.649 | HH | 2158   | 46664   | 1.01%   | 0.022% |
| 86 | 8.672 | 8.649 | 8.683 | HH | 2579   | 44765   | 0.97%   | 0.021% |
| 87 | 8.701 | 8.683 | 8.729 | HH | 3124   | 60309   | 1.30%   | 0.028% |
| 88 | 8.759 | 8.729 | 8.775 | HH | 6085   | 90244   | 1.95%   | 0.042% |
| 89 | 8.791 | 8.775 | 8.815 | HH | 6407   | 97165   | 2.10%   | 0.045% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.832  | 8.815  | 8.848  | HH | 3417   | 56051   | 1.21%  | 0.026% |
| 91  | 8.859  | 8.848  | 8.874  | HH | 2681   | 36896   | 0.80%  | 0.017% |
| 92  | 8.882  | 8.874  | 8.902  | HH | 2023   | 27917   | 0.60%  | 0.013% |
| 93  | 8.933  | 8.902  | 8.951  | HH | 4177   | 83795   | 1.81%  | 0.039% |
| 94  | 8.965  | 8.951  | 8.980  | HH | 4232   | 59285   | 1.28%  | 0.027% |
| 95  | 8.992  | 8.980  | 9.015  | HH | 3209   | 46542   | 1.00%  | 0.021% |
| 96  | 9.030  | 9.015  | 9.059  | HH | 1832   | 35212   | 0.76%  | 0.016% |
| 97  | 9.084  | 9.059  | 9.100  | HH | 3594   | 55028   | 1.19%  | 0.025% |
| 98  | 9.118  | 9.100  | 9.173  | HH | 4352   | 105648  | 2.28%  | 0.049% |
| 99  | 9.218  | 9.173  | 9.243  | HH | 3422   | 82532   | 1.78%  | 0.038% |
| 100 | 9.262  | 9.243  | 9.272  | HH | 1461   | 22692   | 0.49%  | 0.010% |
| 101 | 9.300  | 9.272  | 9.350  | HH | 15122  | 239491  | 5.17%  | 0.111% |
| 102 | 9.378  | 9.350  | 9.395  | HH | 3626   | 65643   | 1.42%  | 0.030% |
| 103 | 9.421  | 9.395  | 9.431  | HH | 3784   | 61444   | 1.33%  | 0.028% |
| 104 | 9.449  | 9.431  | 9.492  | HH | 7801   | 149891  | 3.23%  | 0.069% |
| 105 | 9.508  | 9.492  | 9.533  | HH | 5333   | 82835   | 1.79%  | 0.038% |
| 106 | 9.548  | 9.533  | 9.600  | HH | 2280   | 70151   | 1.51%  | 0.032% |
| 107 | 9.623  | 9.600  | 9.667  | HH | 5049   | 117528  | 2.53%  | 0.054% |
| 108 | 9.675  | 9.667  | 9.689  | HH | 2531   | 28413   | 0.61%  | 0.013% |
| 109 | 9.719  | 9.689  | 9.765  | HH | 9517   | 187444  | 4.04%  | 0.087% |
| 110 | 9.783  | 9.765  | 9.800  | HH | 2519   | 43666   | 0.94%  | 0.020% |
| 111 | 9.817  | 9.800  | 9.838  | HH | 2482   | 44554   | 0.96%  | 0.021% |
| 112 | 9.883  | 9.838  | 9.935  | HH | 3352   | 118462  | 2.56%  | 0.055% |
| 113 | 9.961  | 9.935  | 9.982  | HH | 2908   | 55773   | 1.20%  | 0.026% |
| 114 | 9.992  | 9.982  | 10.006 | HH | 1679   | 22048   | 0.48%  | 0.010% |
| 115 | 10.041 | 10.006 | 10.072 | HH | 2534   | 72773   | 1.57%  | 0.034% |
| 116 | 10.093 | 10.072 | 10.125 | HH | 3218   | 86650   | 1.87%  | 0.040% |
| 117 | 10.178 | 10.125 | 10.202 | HH | 8002   | 208910  | 4.51%  | 0.097% |
| 118 | 10.218 | 10.202 | 10.262 | HH | 6025   | 125345  | 2.70%  | 0.058% |
| 119 | 10.294 | 10.262 | 10.330 | HH | 6474   | 160738  | 3.47%  | 0.074% |
| 120 | 10.350 | 10.330 | 10.404 | HH | 4843   | 158062  | 3.41%  | 0.073% |
| 121 | 10.431 | 10.404 | 10.438 | HH | 4643   | 74494   | 1.61%  | 0.034% |
| 122 | 10.457 | 10.438 | 10.478 | HH | 7920   | 139934  | 3.02%  | 0.065% |
| 123 | 10.499 | 10.478 | 10.518 | HH | 9110   | 152074  | 3.28%  | 0.070% |
| 124 | 10.527 | 10.518 | 10.559 | HH | 5653   | 99865   | 2.15%  | 0.046% |
| 125 | 10.573 | 10.559 | 10.584 | HH | 3459   | 49964   | 1.08%  | 0.023% |
| 126 | 10.595 | 10.584 | 10.614 | HH | 3903   | 59041   | 1.27%  | 0.027% |
| 127 | 10.629 | 10.614 | 10.646 | HH | 2853   | 50472   | 1.09%  | 0.023% |
| 128 | 10.695 | 10.646 | 10.744 | HH | 125084 | 1558566 | 33.62% | 0.720% |
| 129 | 10.769 | 10.744 | 10.824 | HH | 31078  | 497135  | 10.72% | 0.230% |
| 130 | 10.831 | 10.824 | 10.859 | HH | 3042   | 61253   | 1.32%  | 0.028% |
| 131 | 10.873 | 10.859 | 10.894 | HH | 3322   | 62133   | 1.34%  | 0.029% |
| 132 | 10.909 | 10.894 | 10.927 | HH | 3016   | 53989   | 1.16%  | 0.025% |
| 133 | 10.945 | 10.927 | 10.969 | HH | 3388   | 73874   | 1.59%  | 0.034% |
| 134 | 10.989 | 10.969 | 11.027 | HH | 5768   | 146817  | 3.17%  | 0.068% |
| 135 | 11.051 | 11.027 | 11.072 | HH | 3687   | 85511   | 1.84%  | 0.039% |
| 136 | 11.090 | 11.072 | 11.112 | HH | 4510   | 86685   | 1.87%  | 0.040% |
| 137 | 11.125 | 11.112 | 11.139 | HH | 3817   | 55789   | 1.20%  | 0.026% |
| 138 | 11.156 | 11.139 | 11.179 | HH | 5671   | 106713  | 2.30%  | 0.049% |
| 139 | 11.220 | 11.179 | 11.265 | HH | 7115   | 242972  | 5.24%  | 0.112% |
| 140 | 11.294 | 11.265 | 11.320 | HH | 4520   | 112389  | 2.42%  | 0.052% |
| 141 | 11.347 | 11.320 | 11.372 | HH | 8246   | 149090  | 3.22%  | 0.069% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 11.397 | 11.372 | 11.422 | HH | 6456   | 132923  | 2.87%  | 0.061% |
| 143    | 11.465 | 11.422 | 11.487 | HH | 230165 | 2642717 | 57.00% | 1.221% |
| 144    | 11.497 | 11.487 | 11.511 | HH | 24708  | 268212  | 5.79%  | 0.124% |
| 145    | 11.527 | 11.511 | 11.570 | HH | 30581  | 443059  | 9.56%  | 0.205% |
| 146    | 11.609 | 11.570 | 11.626 | HH | 20951  | 422480  | 9.11%  | 0.195% |
| 147    | 11.643 | 11.626 | 11.657 | HH | 20066  | 252865  | 5.45%  | 0.117% |
| 148    | 11.674 | 11.657 | 11.733 | HH | 24652  | 430777  | 9.29%  | 0.199% |
| 149    | 11.757 | 11.733 | 11.780 | HH | 4330   | 104758  | 2.26%  | 0.048% |
| 150    | 11.825 | 11.780 | 11.837 | HH | 5648   | 154647  | 3.34%  | 0.071% |
| 151    | 11.854 | 11.837 | 11.875 | HH | 7668   | 141765  | 3.06%  | 0.065% |
| 152    | 11.884 | 11.875 | 11.924 | HH | 5595   | 133370  | 2.88%  | 0.062% |
| 153    | 11.966 | 11.924 | 12.010 | HH | 13149  | 314801  | 6.79%  | 0.145% |
| 154    | 12.028 | 12.010 | 12.052 | HH | 5227   | 113168  | 2.44%  | 0.052% |
| 155    | 12.112 | 12.052 | 12.130 | HH | 6228   | 215914  | 4.66%  | 0.100% |
| 156    | 12.145 | 12.130 | 12.156 | HH | 4243   | 61476   | 1.33%  | 0.028% |
| 157    | 12.172 | 12.156 | 12.185 | HH | 4635   | 73797   | 1.59%  | 0.034% |
| 158    | 12.216 | 12.185 | 12.230 | HH | 7420   | 149058  | 3.22%  | 0.069% |
| 159    | 12.237 | 12.230 | 12.260 | HH | 6526   | 101308  | 2.19%  | 0.047% |
| 160    | 12.284 | 12.260 | 12.325 | HH | 9967   | 258581  | 5.58%  | 0.119% |
| 161    | 12.361 | 12.325 | 12.370 | HH | 6841   | 154059  | 3.32%  | 0.071% |
| 162    | 12.393 | 12.370 | 12.413 | HH | 21847  | 337927  | 7.29%  | 0.156% |
| 163    | 12.428 | 12.413 | 12.442 | HH | 11443  | 176453  | 3.81%  | 0.082% |
| 164    | 12.457 | 12.442 | 12.478 | HH | 12412  | 209332  | 4.52%  | 0.097% |
| 165    | 12.507 | 12.478 | 12.557 | HH | 124076 | 1654157 | 35.68% | 0.764% |
| 166    | 12.569 | 12.557 | 12.587 | HH | 5169   | 84409   | 1.82%  | 0.039% |
| 167    | 12.607 | 12.587 | 12.619 | HH | 5670   | 94862   | 2.05%  | 0.044% |
| 168    | 12.639 | 12.619 | 12.652 | HH | 6093   | 111692  | 2.41%  | 0.052% |
| 169    | 12.672 | 12.652 | 12.681 | HH | 8173   | 122564  | 2.64%  | 0.057% |
| 170    | 12.694 | 12.681 | 12.710 | HH | 9511   | 141156  | 3.04%  | 0.065% |
| 171    | 12.723 | 12.710 | 12.775 | HH | 7769   | 254364  | 5.49%  | 0.117% |
| 172    | 12.804 | 12.775 | 12.827 | HH | 106895 | 1318473 | 28.44% | 0.609% |
| 173    | 12.845 | 12.827 | 12.877 | HH | 20024  | 450507  | 9.72%  | 0.208% |
| 174    | 12.905 | 12.877 | 12.935 | HH | 163916 | 2149492 | 46.36% | 0.993% |
| 175    | 12.946 | 12.935 | 12.960 | HH | 6766   | 98764   | 2.13%  | 0.046% |
| 176    | 12.980 | 12.960 | 12.990 | HH | 10227  | 155682  | 3.36%  | 0.072% |
| 177    | 13.001 | 12.990 | 13.036 | HH | 9955   | 207707  | 4.48%  | 0.096% |
| 178    | 13.074 | 13.036 | 13.117 | HH | 12927  | 372336  | 8.03%  | 0.172% |
| 179    | 13.140 | 13.117 | 13.169 | HH | 8902   | 217997  | 4.70%  | 0.101% |
| 180    | 13.202 | 13.169 | 13.219 | HH | 9572   | 210604  | 4.54%  | 0.097% |
| 181    | 13.228 | 13.219 | 13.244 | HH | 7639   | 108972  | 2.35%  | 0.050% |
| 182    | 13.265 | 13.244 | 13.295 | HH | 14251  | 300473  | 6.48%  | 0.139% |
| 183    | 13.308 | 13.295 | 13.331 | HH | 6479   | 130262  | 2.81%  | 0.060% |
| 184    | 13.393 | 13.331 | 13.449 | HH | 28766  | 776604  | 16.75% | 0.359% |
| 185    | 13.462 | 13.449 | 13.476 | HH | 7045   | 107427  | 2.32%  | 0.050% |
| 186    | 13.502 | 13.476 | 13.522 | HH | 23432  | 402625  | 8.68%  | 0.186% |
| 187    | 13.538 | 13.522 | 13.561 | HH | 16861  | 275609  | 5.94%  | 0.127% |
| 188    | 13.578 | 13.561 | 13.610 | HH | 9340   | 241433  | 5.21%  | 0.112% |
| 189    | 13.667 | 13.610 | 13.690 | HH | 18159  | 541817  | 11.69% | 0.250% |
| 190    | 13.708 | 13.690 | 13.754 | HH | 15120  | 370597  | 7.99%  | 0.171% |
| 191    | 13.784 | 13.754 | 13.810 | HH | 7556   | 237797  | 5.13%  | 0.110% |
| 192    | 13.824 | 13.810 | 13.840 | HH | 6854   | 124647  | 2.69%  | 0.058% |
| 193    | 13.877 | 13.840 | 13.912 | HH | 7704   | 312068  | 6.73%  | 0.144% |
| 194    | 13.920 | 13.912 | 13.927 | HH | 7007   | 64826   | 1.40%  | 0.030% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.938 | 13.927 | 13.963 | HH | 7118   | 147021  | 3.17%  | 0.068% |
| 196 | 13.979 | 13.963 | 13.995 | HH | 7240   | 134436  | 2.90%  | 0.062% |
| 197 | 14.016 | 13.995 | 14.050 | HH | 8200   | 247599  | 5.34%  | 0.114% |
| 198 | 14.090 | 14.050 | 14.112 | HH | 13068  | 390220  | 8.42%  | 0.180% |
| 199 | 14.126 | 14.112 | 14.172 | HH | 13983  | 374091  | 8.07%  | 0.173% |
| 200 | 14.222 | 14.172 | 14.277 | HH | 12916  | 638447  | 13.77% | 0.295% |
| 201 | 14.306 | 14.277 | 14.344 | HH | 16077  | 470044  | 10.14% | 0.217% |
| 202 | 14.367 | 14.344 | 14.391 | HH | 23462  | 411229  | 8.87%  | 0.190% |
| 203 | 14.428 | 14.391 | 14.462 | HH | 13989  | 474854  | 10.24% | 0.219% |
| 204 | 14.493 | 14.462 | 14.514 | HH | 9633   | 280652  | 6.05%  | 0.130% |
| 205 | 14.551 | 14.514 | 14.589 | HH | 11040  | 430355  | 9.28%  | 0.199% |
| 206 | 14.600 | 14.589 | 14.610 | HH | 8395   | 107678  | 2.32%  | 0.050% |
| 207 | 14.630 | 14.610 | 14.647 | HH | 10878  | 210263  | 4.54%  | 0.097% |
| 208 | 14.679 | 14.647 | 14.698 | HH | 64087  | 945446  | 20.39% | 0.437% |
| 209 | 14.719 | 14.698 | 14.749 | HH | 58408  | 925087  | 19.95% | 0.427% |
| 210 | 14.762 | 14.749 | 14.785 | HH | 11231  | 223618  | 4.82%  | 0.103% |
| 211 | 14.839 | 14.785 | 14.864 | HH | 20130  | 594889  | 12.83% | 0.275% |
| 212 | 14.878 | 14.864 | 14.899 | HH | 11651  | 232270  | 5.01%  | 0.107% |
| 213 | 14.919 | 14.899 | 14.957 | HH | 13022  | 384283  | 8.29%  | 0.178% |
| 214 | 14.984 | 14.957 | 15.004 | HH | 13658  | 335636  | 7.24%  | 0.155% |
| 215 | 15.015 | 15.004 | 15.027 | HH | 12273  | 164037  | 3.54%  | 0.076% |
| 216 | 15.036 | 15.027 | 15.075 | HH | 12212  | 325834  | 7.03%  | 0.151% |
| 217 | 15.123 | 15.075 | 15.136 | HH | 12762  | 402762  | 8.69%  | 0.186% |
| 218 | 15.169 | 15.136 | 15.215 | HH | 15077  | 675196  | 14.56% | 0.312% |
| 219 | 15.230 | 15.215 | 15.251 | HH | 14320  | 294384  | 6.35%  | 0.136% |
| 220 | 15.293 | 15.251 | 15.323 | HH | 32337  | 879814  | 18.98% | 0.406% |
| 221 | 15.350 | 15.323 | 15.372 | HH | 28134  | 563795  | 12.16% | 0.260% |
| 222 | 15.389 | 15.372 | 15.415 | HH | 18150  | 390415  | 8.42%  | 0.180% |
| 223 | 15.431 | 15.415 | 15.448 | HH | 14475  | 261063  | 5.63%  | 0.121% |
| 224 | 15.513 | 15.448 | 15.549 | HH | 18840  | 909448  | 19.62% | 0.420% |
| 225 | 15.590 | 15.549 | 15.649 | HH | 14724  | 765104  | 16.50% | 0.353% |
| 226 | 15.680 | 15.649 | 15.694 | HH | 13631  | 350418  | 7.56%  | 0.162% |
| 227 | 15.712 | 15.694 | 15.734 | HH | 14254  | 320040  | 6.90%  | 0.148% |
| 228 | 15.753 | 15.734 | 15.760 | HH | 13927  | 218633  | 4.72%  | 0.101% |
| 229 | 15.779 | 15.760 | 15.809 | HH | 16060  | 413195  | 8.91%  | 0.191% |
| 230 | 15.842 | 15.809 | 15.896 | HH | 15841  | 701804  | 15.14% | 0.324% |
| 231 | 15.953 | 15.896 | 15.979 | HH | 15725  | 703499  | 15.17% | 0.325% |
| 232 | 15.986 | 15.979 | 15.999 | HH | 14786  | 173842  | 3.75%  | 0.080% |
| 233 | 16.020 | 15.999 | 16.039 | HH | 15985  | 367715  | 7.93%  | 0.170% |
| 234 | 16.058 | 16.039 | 16.084 | HH | 16521  | 428151  | 9.23%  | 0.198% |
| 235 | 16.163 | 16.084 | 16.183 | HH | 20246  | 1028440 | 22.18% | 0.475% |
| 236 | 16.233 | 16.183 | 16.250 | HH | 68011  | 1481787 | 31.96% | 0.684% |
| 237 | 16.260 | 16.250 | 16.307 | HH | 48088  | 956996  | 20.64% | 0.442% |
| 238 | 16.329 | 16.307 | 16.344 | HH | 19831  | 413099  | 8.91%  | 0.191% |
| 239 | 16.362 | 16.344 | 16.390 | HH | 25475  | 588605  | 12.70% | 0.272% |
| 240 | 16.402 | 16.390 | 16.433 | HH | 18709  | 461885  | 9.96%  | 0.213% |
| 241 | 16.452 | 16.433 | 16.464 | HH | 18084  | 320409  | 6.91%  | 0.148% |
| 242 | 16.482 | 16.464 | 16.497 | HH | 18371  | 353469  | 7.62%  | 0.163% |
| 243 | 16.553 | 16.497 | 16.580 | HH | 48680  | 1352272 | 29.17% | 0.625% |
| 244 | 16.610 | 16.580 | 16.665 | HH | 56548  | 1449451 | 31.26% | 0.670% |
| 245 | 16.714 | 16.665 | 16.750 | HH | 30393  | 1176143 | 25.37% | 0.543% |
| 246 | 16.773 | 16.750 | 16.790 | HH | 31163  | 649552  | 14.01% | 0.300% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.804 | 16.790 | 16.833 | HH | 31058 | 659617  | 14.23% | 0.305% |
| 248    | 16.858 | 16.833 | 16.891 | HH | 23633 | 770517  | 16.62% | 0.356% |
| 249    | 16.905 | 16.891 | 16.913 | HH | 21368 | 280889  | 6.06%  | 0.130% |
| 250    | 16.924 | 16.913 | 16.935 | HH | 21540 | 282975  | 6.10%  | 0.131% |
|        |        |        |        |    |       |         |        |        |
| 251    | 16.979 | 16.935 | 17.005 | HH | 27154 | 1028243 | 22.18% | 0.475% |
| 252    | 17.014 | 17.005 | 17.066 | HH | 24387 | 847316  | 18.28% | 0.391% |
| 253    | 17.133 | 17.066 | 17.151 | HH | 31913 | 1394439 | 30.08% | 0.644% |
| 254    | 17.179 | 17.151 | 17.219 | HH | 60530 | 1597136 | 34.45% | 0.738% |
| 255    | 17.222 | 17.219 | 17.242 | HH | 28146 | 387469  | 8.36%  | 0.179% |
|        |        |        |        |    |       |         |        |        |
| 256    | 17.269 | 17.242 | 17.319 | HH | 31348 | 1271918 | 27.43% | 0.588% |
| 257    | 17.338 | 17.319 | 17.357 | HH | 25612 | 573753  | 12.38% | 0.265% |
| 258    | 17.370 | 17.357 | 17.416 | HH | 25137 | 869500  | 18.75% | 0.402% |
| 259    | 17.434 | 17.416 | 17.475 | HH | 25455 | 889154  | 19.18% | 0.411% |
| 260    | 17.504 | 17.475 | 17.513 | HH | 26261 | 579499  | 12.50% | 0.268% |
|        |        |        |        |    |       |         |        |        |
| 261    | 17.583 | 17.513 | 17.592 | HH | 30049 | 1294182 | 27.91% | 0.598% |
| 262    | 17.614 | 17.592 | 17.657 | HH | 34605 | 1202688 | 25.94% | 0.556% |
| 263    | 17.700 | 17.657 | 17.732 | HH | 46329 | 1591720 | 34.33% | 0.735% |
| 264    | 17.749 | 17.732 | 17.807 | HH | 35069 | 1441368 | 31.09% | 0.666% |
| 265    | 17.835 | 17.807 | 17.858 | HH | 30880 | 925725  | 19.97% | 0.428% |
|        |        |        |        |    |       |         |        |        |
| 266    | 17.890 | 17.858 | 17.909 | HH | 36885 | 999771  | 21.56% | 0.462% |
| 267    | 17.919 | 17.909 | 17.945 | HH | 33675 | 715402  | 15.43% | 0.330% |
| 268    | 17.979 | 17.945 | 18.002 | HH | 58248 | 1490621 | 32.15% | 0.689% |
| 269    | 18.037 | 18.002 | 18.078 | HH | 69175 | 2253735 | 48.61% | 1.041% |
| 270    | 18.113 | 18.078 | 18.129 | HH | 44867 | 1220361 | 26.32% | 0.564% |
|        |        |        |        |    |       |         |        |        |
| 271    | 18.141 | 18.129 | 18.204 | HH | 41843 | 1684405 | 36.33% | 0.778% |
| 272    | 18.232 | 18.204 | 18.264 | HH | 56696 | 1511038 | 32.59% | 0.698% |
| 273    | 18.272 | 18.264 | 18.284 | HH | 35496 | 425534  | 9.18%  | 0.197% |
| 274    | 18.318 | 18.284 | 18.335 | HH | 41221 | 1166562 | 25.16% | 0.539% |
| 275    | 18.363 | 18.335 | 18.388 | HH | 43472 | 1244387 | 26.84% | 0.575% |
|        |        |        |        |    |       |         |        |        |
| 276    | 18.448 | 18.388 | 18.488 | HH | 46217 | 2449490 | 52.83% | 1.131% |
| 277    | 18.544 | 18.488 | 18.574 | HH | 58598 | 2425696 | 52.32% | 1.120% |
| 278    | 18.588 | 18.574 | 18.646 | HH | 44970 | 1878192 | 40.51% | 0.868% |
| 279    | 18.667 | 18.646 | 18.678 | HH | 45052 | 833236  | 17.97% | 0.385% |
| 280    | 18.708 | 18.678 | 18.734 | HH | 63956 | 1777054 | 38.33% | 0.821% |
|        |        |        |        |    |       |         |        |        |
| 281    | 18.747 | 18.734 | 18.758 | HH | 51948 | 736721  | 15.89% | 0.340% |
| 282    | 18.793 | 18.758 | 18.819 | HH | 87787 | 2474976 | 53.38% | 1.143% |
| 283    | 18.840 | 18.819 | 18.888 | HH | 78659 | 2848733 | 61.44% | 1.316% |
| 284    | 18.909 | 18.888 | 18.928 | HH | 63288 | 1453499 | 31.35% | 0.671% |
| 285    | 18.960 | 18.928 | 18.999 | HH | 87365 | 2832625 | 61.10% | 1.308% |
|        |        |        |        |    |       |         |        |        |
| 286    | 19.007 | 18.999 | 19.032 | HH | 51172 | 999144  | 21.55% | 0.462% |
| 287    | 19.041 | 19.032 | 19.048 | HH | 50001 | 479651  | 10.35% | 0.222% |
| 288    | 19.092 | 19.048 | 19.172 | HH | 66622 | 4294903 | 92.64% | 1.984% |
| 289    | 19.182 | 19.172 | 19.209 | HH | 52964 | 1127320 | 24.32% | 0.521% |
| 290    | 19.243 | 19.209 | 19.258 | HH | 59365 | 1636164 | 35.29% | 0.756% |
|        |        |        |        |    |       |         |        |        |
| 291    | 19.277 | 19.258 | 19.306 | HH | 64778 | 1689333 | 36.44% | 0.780% |
| 292    | 19.334 | 19.306 | 19.367 | HH | 59928 | 2078756 | 44.84% | 0.960% |
| 293    | 19.392 | 19.367 | 19.435 | HH | 62374 | 2368733 | 51.09% | 1.094% |
| 294    | 19.461 | 19.435 | 19.477 | HH | 60618 | 1484697 | 32.02% | 0.686% |
| 295    | 19.498 | 19.477 | 19.530 | HH | 60543 | 1867772 | 40.29% | 0.863% |
|        |        |        |        |    |       |         |        |        |
| 296    | 19.558 | 19.530 | 19.592 | HH | 84772 | 2565857 | 55.34% | 1.185% |
| 297    | 19.604 | 19.592 | 19.617 | HH | 61431 | 918293  | 19.81% | 0.424% |
| 298    | 19.632 | 19.617 | 19.651 | HH | 60890 | 1205764 | 26.01% | 0.557% |
| 299    | 19.675 | 19.651 | 19.700 | HH | 61252 | 1793221 | 38.68% | 0.828% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rteres  |           |        |
| 300 | 19.768 | 19.700 | 19.807 | HH | 69653                   | 4001185 | 86.30%    | 1.848% |
| 301 | 19.834 | 19.807 | 19.857 | HH | 63186                   | 1856056 | 40.03%    | 0.857% |
| 302 | 19.887 | 19.857 | 19.942 | HH | 87641                   | 3502358 | 75.54%    | 1.618% |
| 303 | 19.976 | 19.942 | 19.987 | HH | 63493                   | 1665147 | 35.92%    | 0.769% |
| 304 | 19.998 | 19.987 | 20.010 | HH | 63166                   | 879146  | 18.96%    | 0.406% |
| 305 | 20.034 | 20.010 | 20.059 | HH | 64520                   | 1852567 | 39.96%    | 0.856% |
| 306 | 20.083 | 20.059 | 20.092 | HH | 64984                   | 1258993 | 27.16%    | 0.582% |
| 307 | 20.118 | 20.092 | 20.133 | HH | 65562                   | 1621479 | 34.97%    | 0.749% |
| 308 | 20.142 | 20.133 | 20.159 | HH | 64950                   | 993559  | 21.43%    | 0.459% |
| 309 | 20.187 | 20.159 | 20.205 | HH | 65621                   | 1819686 | 39.25%    | 0.841% |
| 310 | 20.252 | 20.205 | 20.270 | HH | 73988                   | 2670225 | 57.59%    | 1.233% |
| 311 | 20.280 | 20.270 | 20.303 | HH | 70790                   | 1385613 | 29.89%    | 0.640% |
| 312 | 20.350 | 20.303 | 20.385 | HH | 73282                   | 3550185 | 76.57%    | 1.640% |
| 313 | 20.402 | 20.385 | 20.454 | HH | 72871                   | 2938052 | 63.37%    | 1.357% |
| 314 | 20.462 | 20.454 | 20.470 | HH | 71440                   | 690194  | 14.89%    | 0.319% |
| 315 | 20.480 | 20.470 | 20.524 | HH | 71616                   | 2299246 | 49.59%    | 1.062% |
| 316 | 20.528 | 20.524 | 20.537 | HH | 70729                   | 544047  | 11.73%    | 0.251% |
| 317 | 20.546 | 20.537 | 20.589 | HH | 70791                   | 2205618 | 47.57%    | 1.019% |
| 318 | 20.603 | 20.589 | 20.626 | HH | 70942                   | 1519886 | 32.78%    | 0.702% |
| 319 | 20.645 | 20.626 | 20.663 | HH | 69372                   | 1553076 | 33.50%    | 0.717% |
| 320 | 20.680 | 20.663 | 20.720 | HH | 70168                   | 2364738 | 51.00%    | 1.092% |
| 321 | 20.737 | 20.720 | 20.752 | HH | 68590                   | 1295808 | 27.95%    | 0.599% |
| 322 | 20.782 | 20.752 | 20.817 | HH | 71072                   | 2692191 | 58.07%    | 1.244% |
| 323 | 20.824 | 20.817 | 20.850 | HH | 67928                   | 1331535 | 28.72%    | 0.615% |
| 324 | 20.863 | 20.850 | 20.894 | HH | 67862                   | 1776624 | 38.32%    | 0.821% |
| 325 | 20.917 | 20.894 | 20.940 | HH | 66931                   | 1820735 | 39.27%    | 0.841% |
| 326 | 20.956 | 20.940 | 20.987 | HH | 68103                   | 1902358 | 41.03%    | 0.879% |
| 327 | 20.997 | 20.987 | 21.025 | HH | 67039                   | 1502677 | 32.41%    | 0.694% |
| 328 | 21.034 | 21.025 | 21.064 | HH | 65553                   | 1506600 | 32.50%    | 0.696% |
| 329 | 21.094 | 21.064 | 21.104 | HH | 67170                   | 1593812 | 34.38%    | 0.736% |
| 330 | 21.110 | 21.104 | 21.137 | HH | 67329                   | 1332192 | 28.73%    | 0.615% |
| 331 | 21.152 | 21.137 | 21.190 | HH | 66765                   | 2111102 | 45.53%    | 0.975% |
| 332 | 21.208 | 21.190 | 21.307 | HH | 66595                   | 4548575 | 98.11%    | 2.101% |
| 333 | 21.317 | 21.307 | 21.347 | HH | 64612                   | 1513996 | 32.66%    | 0.699% |
| 334 | 21.361 | 21.347 | 21.389 | HH | 62894                   | 1566672 | 33.79%    | 0.724% |
| 335 | 21.422 | 21.389 | 21.442 | HH | 63346                   | 2002394 | 43.19%    | 0.925% |
| 336 | 21.477 | 21.442 | 21.500 | HH | 63617                   | 2200909 | 47.47%    | 1.017% |
| 337 | 21.516 | 21.500 | 21.535 | HH | 62971                   | 1279871 | 27.61%    | 0.591% |
| 338 | 21.566 | 21.535 | 21.615 | HH | 63781                   | 3013887 | 65.01%    | 1.392% |
| 339 | 21.626 | 21.615 | 21.677 | HH | 62456                   | 2293419 | 49.47%    | 1.059% |
|     |        |        |        |    | Sum of corrected areas: |         | 216485497 |        |

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