

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101619AL\  
Data File : FC044051.D  
Signal(s) : FID1A.CH  
Acq On : 17 Oct 2019 6:15  
Sample : K5394-01  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 092519.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         | 3.435       | 3.402        | 3.509      | BH       | 971            | 8104         | 0.15%          | 0.003%        |
| 2         | 3.541       | 3.509        | 3.554      | PH       | 695            | 2779         | 0.05%          | 0.001%        |
| 3         | 3.998       | 3.969        | 4.046      | PH       | 1232           | 10138        | 0.19%          | 0.003%        |
| 4         | 4.102       | 4.084        | 4.155      | PH       | 817            | 11455        | 0.22%          | 0.004%        |
| 5         | 4.257       | 4.202        | 4.306      | PH       | 2488           | 56459        | 1.06%          | 0.019%        |
| 6         | 4.314       | 4.306        | 4.361      | HH       | 1052           | 22851        | 0.43%          | 0.008%        |
| 7         | 4.386       | 4.361        | 4.413      | HH       | 675            | 15814        | 0.30%          | 0.005%        |
| 8         | 4.473       | 4.413        | 4.512      | HH       | 1652           | 44729        | 0.84%          | 0.015%        |
| 9         | 4.528       | 4.512        | 4.544      | HH       | 1335           | 17754        | 0.33%          | 0.006%        |
| 10        | 4.555       | 4.544        | 4.578      | HH       | 1348           | 14929        | 0.28%          | 0.005%        |
| 11        | 4.589       | 4.578        | 4.605      | HH       | 183            | 1629         | 0.03%          | 0.001%        |
| 12        | 4.623       | 4.605        | 4.632      | PH       | 253            | 2025         | 0.04%          | 0.001%        |
| 13        | 4.642       | 4.632        | 4.653      | HH       | 310            | 2906         | 0.05%          | 0.001%        |
| 14        | 4.666       | 4.653        | 4.682      | HH       | 612            | 4971         | 0.09%          | 0.002%        |
| 15        | 4.693       | 4.682        | 4.700      | HH       | 523            | 3853         | 0.07%          | 0.001%        |
| 16        | 4.720       | 4.700        | 4.735      | HH       | 2710           | 35773        | 0.67%          | 0.012%        |
| 17        | 4.750       | 4.735        | 4.824      | HH       | 2288           | 72573        | 1.36%          | 0.024%        |
| 18        | 4.837       | 4.824        | 4.856      | HH       | 628            | 10151        | 0.19%          | 0.003%        |
| 19        | 4.873       | 4.856        | 4.907      | HH       | 798            | 13894        | 0.26%          | 0.005%        |
| 20        | 4.939       | 4.907        | 4.994      | HH       | 1304           | 19407        | 0.36%          | 0.006%        |
| 21        | 5.143       | 5.102        | 5.168      | PH       | 601            | 9677         | 0.18%          | 0.003%        |
| 22        | 5.202       | 5.168        | 5.274      | HH       | 694            | 9043         | 0.17%          | 0.003%        |
| 23        | 5.297       | 5.274        | 5.341      | PH       | 545            | 12180        | 0.23%          | 0.004%        |
| 24        | 5.385       | 5.341        | 5.406      | HH       | 805            | 17242        | 0.32%          | 0.006%        |
| 25        | 5.496       | 5.445        | 5.599      | PH       | 2977           | 98630        | 1.85%          | 0.032%        |
| 26        | 5.616       | 5.599        | 5.644      | HH       | 355            | 6197         | 0.12%          | 0.002%        |
| 27        | 5.674       | 5.644        | 5.711      | HH       | 849            | 9188         | 0.17%          | 0.003%        |
| 28        | 5.789       | 5.753        | 5.806      | PH       | 892            | 16612        | 0.31%          | 0.005%        |
| 29        | 5.836       | 5.806        | 5.927      | HH       | 2774           | 92224        | 1.73%          | 0.030%        |
| 30        | 5.940       | 5.927        | 5.976      | HH       | 377            | 5584         | 0.10%          | 0.002%        |
| 31        | 6.008       | 5.976        | 6.027      | PH       | 261            | 5436         | 0.10%          | 0.002%        |
| 32        | 6.036       | 6.027        | 6.046      | HH       | 203            | 1756         | 0.03%          | 0.001%        |
| 33        | 6.075       | 6.046        | 6.159      | PH       | 9868           | 352953       | 6.64%          | 0.116%        |
| 34        | 6.174       | 6.159        | 6.249      | HH       | 3480           | 107156       | 2.01%          | 0.035%        |
| 35        | 6.251       | 6.249        | 6.264      | HH       | 1202           | 10138        | 0.19%          | 0.003%        |
| 36        | 6.274       | 6.264        | 6.288      | HH       | 1140           | 15241        | 0.29%          | 0.005%        |

|    |       |       |       |    | rteres |        |        |        |
|----|-------|-------|-------|----|--------|--------|--------|--------|
| 37 | 6.299 | 6.288 | 6.325 | HH | 1054   | 19557  | 0.37%  | 0.006% |
| 38 | 6.340 | 6.325 | 6.361 | HH | 711    | 13429  | 0.25%  | 0.004% |
| 39 | 6.384 | 6.361 | 6.409 | HH | 1148   | 26234  | 0.49%  | 0.009% |
| 40 | 6.463 | 6.409 | 6.492 | HH | 3706   | 85338  | 1.60%  | 0.028% |
|    |       |       |       |    |        |        |        |        |
| 41 | 6.517 | 6.492 | 6.584 | HH | 2253   | 72885  | 1.37%  | 0.024% |
| 42 | 6.605 | 6.584 | 6.631 | HH | 2407   | 35737  | 0.67%  | 0.012% |
| 43 | 6.648 | 6.631 | 6.700 | HH | 1047   | 22067  | 0.41%  | 0.007% |
| 44 | 6.723 | 6.700 | 6.734 | HH | 357    | 4694   | 0.09%  | 0.002% |
| 45 | 6.746 | 6.734 | 6.759 | HH | 305    | 3718   | 0.07%  | 0.001% |
|    |       |       |       |    |        |        |        |        |
| 46 | 6.781 | 6.759 | 6.802 | HH | 967    | 14942  | 0.28%  | 0.005% |
| 47 | 6.817 | 6.802 | 6.834 | HH | 763    | 11638  | 0.22%  | 0.004% |
| 48 | 6.847 | 6.834 | 6.864 | HH | 753    | 10727  | 0.20%  | 0.004% |
| 49 | 6.883 | 6.864 | 6.909 | HH | 831    | 19320  | 0.36%  | 0.006% |
| 50 | 6.916 | 6.909 | 6.932 | HH | 684    | 8346   | 0.16%  | 0.003% |
|    |       |       |       |    |        |        |        |        |
| 51 | 6.955 | 6.932 | 6.992 | HH | 1046   | 26266  | 0.49%  | 0.009% |
| 52 | 7.016 | 6.992 | 7.031 | HH | 1038   | 20046  | 0.38%  | 0.007% |
| 53 | 7.053 | 7.031 | 7.087 | HH | 1804   | 45244  | 0.85%  | 0.015% |
| 54 | 7.123 | 7.087 | 7.136 | HH | 7835   | 144532 | 2.72%  | 0.048% |
| 55 | 7.149 | 7.136 | 7.196 | HH | 8483   | 188581 | 3.55%  | 0.062% |
|    |       |       |       |    |        |        |        |        |
| 56 | 7.205 | 7.196 | 7.217 | HH | 3071   | 38531  | 0.72%  | 0.013% |
| 57 | 7.237 | 7.217 | 7.311 | HH | 14166  | 384514 | 7.23%  | 0.127% |
| 58 | 7.320 | 7.311 | 7.352 | HH | 3379   | 71641  | 1.35%  | 0.024% |
| 59 | 7.374 | 7.352 | 7.414 | HH | 5900   | 119335 | 2.24%  | 0.039% |
| 60 | 7.425 | 7.414 | 7.446 | HH | 1842   | 32745  | 0.62%  | 0.011% |
|    |       |       |       |    |        |        |        |        |
| 61 | 7.460 | 7.446 | 7.519 | HH | 1851   | 57736  | 1.09%  | 0.019% |
| 62 | 7.555 | 7.519 | 7.582 | HH | 1748   | 45339  | 0.85%  | 0.015% |
| 63 | 7.606 | 7.582 | 7.639 | HH | 1352   | 35240  | 0.66%  | 0.012% |
| 64 | 7.661 | 7.639 | 7.671 | HH | 1507   | 23493  | 0.44%  | 0.008% |
| 65 | 7.845 | 7.822 | 7.914 | HH | 7737   | 322486 | 6.06%  | 0.106% |
|    |       |       |       |    |        |        |        |        |
| 66 | 7.934 | 7.914 | 7.963 | HH | 5131   | 125554 | 2.36%  | 0.041% |
| 67 | 8.004 | 7.963 | 8.030 | HH | 5883   | 193110 | 3.63%  | 0.064% |
| 68 | 8.053 | 8.030 | 8.067 | HH | 6740   | 117752 | 2.21%  | 0.039% |
| 69 | 8.111 | 8.067 | 8.160 | HH | 8480   | 368769 | 6.93%  | 0.121% |
| 70 | 8.182 | 8.160 | 8.203 | HH | 22675  | 359754 | 6.76%  | 0.118% |
|    |       |       |       |    |        |        |        |        |
| 71 | 8.230 | 8.203 | 8.266 | HH | 15878  | 417054 | 7.84%  | 0.137% |
| 72 | 8.279 | 8.266 | 8.295 | HH | 6282   | 101831 | 1.91%  | 0.034% |
| 73 | 8.326 | 8.295 | 8.339 | HH | 14962  | 289866 | 5.45%  | 0.095% |
| 74 | 8.369 | 8.339 | 8.439 | HH | 27555  | 805157 | 15.14% | 0.265% |
| 75 | 8.457 | 8.439 | 8.540 | HH | 8150   | 277100 | 5.21%  | 0.091% |
|    |       |       |       |    |        |        |        |        |
| 76 | 8.656 | 8.641 | 8.703 | HH | 16965  | 496117 | 9.33%  | 0.163% |
| 77 | 8.721 | 8.703 | 8.741 | HH | 10763  | 218757 | 4.11%  | 0.072% |
| 78 | 8.759 | 8.741 | 8.799 | HH | 12745  | 317352 | 5.97%  | 0.105% |
| 79 | 8.812 | 8.799 | 8.827 | HH | 7130   | 113314 | 2.13%  | 0.037% |
| 80 | 8.840 | 8.827 | 8.864 | HH | 7100   | 140492 | 2.64%  | 0.046% |
|    |       |       |       |    |        |        |        |        |
| 81 | 8.901 | 8.864 | 8.947 | HH | 7679   | 347244 | 6.53%  | 0.114% |
| 82 | 8.966 | 8.947 | 8.982 | HH | 8284   | 158646 | 2.98%  | 0.052% |
| 83 | 8.995 | 8.982 | 9.025 | HH | 8233   | 200517 | 3.77%  | 0.066% |
| 84 | 9.048 | 9.025 | 9.085 | HH | 13862  | 369630 | 6.95%  | 0.122% |
| 85 | 9.105 | 9.085 | 9.188 | HH | 11563  | 456207 | 8.58%  | 0.150% |
|    |       |       |       |    |        |        |        |        |
| 86 | 9.212 | 9.188 | 9.241 | HH | 13542  | 277295 | 5.21%  | 0.091% |
| 87 | 9.257 | 9.241 | 9.296 | HH | 8971   | 239963 | 4.51%  | 0.079% |
| 88 | 9.348 | 9.296 | 9.382 | HH | 11878  | 450602 | 8.47%  | 0.148% |
| 89 | 9.411 | 9.382 | 9.429 | HH | 9055   | 224202 | 4.22%  | 0.074% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 90  | 9.455  | 9.429  | 9.489  | HH | 17269  | 452077  | 8.50%   | 0.149% |
| 91  | 9.511  | 9.489  | 9.569  | HH | 14330  | 495439  | 9.32%   | 0.163% |
| 92  | 9.597  | 9.569  | 9.624  | HH | 10080  | 299044  | 5.62%   | 0.098% |
| 93  | 9.641  | 9.624  | 9.694  | HH | 10209  | 354283  | 6.66%   | 0.117% |
| 94  | 9.737  | 9.694  | 9.752  | HH | 9518   | 290086  | 5.45%   | 0.096% |
| 95  | 9.774  | 9.752  | 9.794  | HH | 10994  | 248562  | 4.67%   | 0.082% |
| 96  | 9.816  | 9.794  | 9.877  | HH | 18407  | 544287  | 10.23%  | 0.179% |
| 97  | 9.894  | 9.877  | 9.911  | HH | 8939   | 171472  | 3.22%   | 0.056% |
| 98  | 9.941  | 9.911  | 9.979  | HH | 9462   | 353251  | 6.64%   | 0.116% |
| 99  | 9.999  | 9.979  | 10.066 | HH | 9137   | 423889  | 7.97%   | 0.140% |
| 100 | 10.090 | 10.066 | 10.105 | HH | 7682   | 169445  | 3.19%   | 0.056% |
| 101 | 10.130 | 10.105 | 10.140 | HH | 7970   | 160580  | 3.02%   | 0.053% |
| 102 | 10.167 | 10.140 | 10.178 | HH | 10570  | 212413  | 3.99%   | 0.070% |
| 103 | 10.198 | 10.178 | 10.227 | HH | 14526  | 327073  | 6.15%   | 0.108% |
| 104 | 10.290 | 10.227 | 10.305 | HH | 13187  | 518814  | 9.76%   | 0.171% |
| 105 | 10.358 | 10.305 | 10.398 | HH | 15648  | 760225  | 14.29%  | 0.250% |
| 106 | 10.427 | 10.398 | 10.459 | HH | 17021  | 511485  | 9.62%   | 0.168% |
| 107 | 10.476 | 10.459 | 10.503 | HH | 14795  | 354923  | 6.67%   | 0.117% |
| 108 | 10.547 | 10.503 | 10.572 | HH | 30742  | 758569  | 14.26%  | 0.250% |
| 109 | 10.618 | 10.572 | 10.631 | HH | 28014  | 741964  | 13.95%  | 0.244% |
| 110 | 10.646 | 10.631 | 10.724 | HH | 28371  | 1110633 | 20.88%  | 0.366% |
| 111 | 10.738 | 10.724 | 10.784 | HH | 14111  | 490115  | 9.22%   | 0.161% |
| 112 | 10.824 | 10.784 | 10.901 | HH | 225691 | 4013934 | 75.47%  | 1.322% |
| 113 | 10.922 | 10.901 | 11.035 | HH | 37410  | 1817939 | 34.18%  | 0.599% |
| 114 | 11.047 | 11.035 | 11.107 | HH | 16440  | 670874  | 12.61%  | 0.221% |
| 115 | 11.143 | 11.107 | 11.156 | HH | 17514  | 471923  | 8.87%   | 0.155% |
| 116 | 11.175 | 11.156 | 11.202 | HH | 20535  | 537611  | 10.11%  | 0.177% |
| 117 | 11.242 | 11.202 | 11.281 | HH | 37069  | 1100532 | 20.69%  | 0.362% |
| 118 | 11.353 | 11.281 | 11.403 | HH | 48823  | 1955296 | 36.76%  | 0.644% |
| 119 | 11.420 | 11.403 | 11.454 | HH | 23957  | 689529  | 12.96%  | 0.227% |
| 120 | 11.486 | 11.454 | 11.521 | HH | 36420  | 1111994 | 20.91%  | 0.366% |
| 121 | 11.564 | 11.521 | 11.599 | HH | 420152 | 5318440 | 100.00% | 1.752% |
| 122 | 11.621 | 11.599 | 11.641 | HH | 92455  | 1458436 | 27.42%  | 0.480% |
| 123 | 11.657 | 11.641 | 11.709 | HH | 81779  | 1872850 | 35.21%  | 0.617% |
| 124 | 11.738 | 11.709 | 11.755 | HH | 66308  | 1199012 | 22.54%  | 0.395% |
| 125 | 11.770 | 11.755 | 11.788 | HH | 70451  | 1077146 | 20.25%  | 0.355% |
| 126 | 11.804 | 11.788 | 11.874 | HH | 65103  | 2008603 | 37.77%  | 0.662% |
| 127 | 11.906 | 11.874 | 11.942 | HH | 45453  | 1234887 | 23.22%  | 0.407% |
| 128 | 11.991 | 11.942 | 12.005 | HH | 25948  | 910282  | 17.12%  | 0.300% |
| 129 | 12.026 | 12.005 | 12.076 | HH | 34382  | 1261645 | 23.72%  | 0.416% |
| 130 | 12.094 | 12.076 | 12.138 | HH | 48894  | 1456032 | 27.38%  | 0.480% |
| 131 | 12.158 | 12.138 | 12.222 | HH | 38130  | 1614670 | 30.36%  | 0.532% |
| 132 | 12.237 | 12.222 | 12.257 | HH | 29477  | 597232  | 11.23%  | 0.197% |
| 133 | 12.295 | 12.257 | 12.335 | HH | 36645  | 1538516 | 28.93%  | 0.507% |
| 134 | 12.363 | 12.335 | 12.392 | HH | 36796  | 1157427 | 21.76%  | 0.381% |
| 135 | 12.411 | 12.392 | 12.463 | HH | 42354  | 1483046 | 27.88%  | 0.488% |
| 136 | 12.513 | 12.463 | 12.531 | HH | 89275  | 2045381 | 38.46%  | 0.674% |
| 137 | 12.542 | 12.531 | 12.571 | HH | 64345  | 1296112 | 24.37%  | 0.427% |
| 138 | 12.579 | 12.571 | 12.610 | HH | 46400  | 966350  | 18.17%  | 0.318% |
| 139 | 12.633 | 12.610 | 12.717 | HH | 195728 | 4276655 | 80.41%  | 1.409% |
| 140 | 12.750 | 12.717 | 12.769 | HH | 34080  | 991515  | 18.64%  | 0.327% |
| 141 | 12.789 | 12.769 | 12.811 | HH | 49053  | 986763  | 18.55%  | 0.325% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 12.826 | 12.811 | 12.876 | HH | 50592  | 1614005 | 30.35% | 0.532% |
| 143    | 12.887 | 12.876 | 12.903 | HH | 37206  | 578393  | 10.88% | 0.191% |
| 144    | 12.928 | 12.903 | 12.960 | HH | 301693 | 4479386 | 84.22% | 1.475% |
| 145    | 12.984 | 12.960 | 13.016 | HH | 329061 | 4580851 | 86.13% | 1.509% |
|        |        |        |        |    |        |         |        |        |
| 146    | 13.034 | 13.016 | 13.070 | HH | 42333  | 1226377 | 23.06% | 0.404% |
| 147    | 13.080 | 13.070 | 13.106 | HH | 34061  | 702135  | 13.20% | 0.231% |
| 148    | 13.146 | 13.106 | 13.181 | HH | 45910  | 1597922 | 30.04% | 0.526% |
| 149    | 13.203 | 13.181 | 13.239 | HH | 36450  | 1192777 | 22.43% | 0.393% |
| 150    | 13.256 | 13.239 | 13.294 | HH | 41191  | 1157068 | 21.76% | 0.381% |
|        |        |        |        |    |        |         |        |        |
| 151    | 13.314 | 13.294 | 13.332 | HH | 34926  | 759510  | 14.28% | 0.250% |
| 152    | 13.347 | 13.332 | 13.369 | HH | 37225  | 777043  | 14.61% | 0.256% |
| 153    | 13.393 | 13.369 | 13.474 | HH | 56034  | 2592068 | 48.74% | 0.854% |
| 154    | 13.527 | 13.474 | 13.566 | HH | 66679  | 2736294 | 51.45% | 0.901% |
| 155    | 13.579 | 13.566 | 13.617 | HH | 39838  | 1118690 | 21.03% | 0.368% |
|        |        |        |        |    |        |         |        |        |
| 156    | 13.635 | 13.617 | 13.652 | HH | 47137  | 847519  | 15.94% | 0.279% |
| 157    | 13.671 | 13.652 | 13.716 | HH | 66980  | 1857400 | 34.92% | 0.612% |
| 158    | 13.727 | 13.716 | 13.746 | HH | 43794  | 715826  | 13.46% | 0.236% |
| 159    | 13.794 | 13.746 | 13.820 | HH | 71272  | 2071429 | 38.95% | 0.682% |
| 160    | 13.839 | 13.820 | 13.926 | HH | 58352  | 2449095 | 46.05% | 0.807% |
|        |        |        |        |    |        |         |        |        |
| 161    | 13.955 | 13.926 | 13.984 | HH | 33080  | 1117135 | 21.00% | 0.368% |
| 162    | 13.994 | 13.984 | 14.072 | HH | 32355  | 1593210 | 29.96% | 0.525% |
| 163    | 14.114 | 14.072 | 14.136 | HH | 35100  | 1228097 | 23.09% | 0.404% |
| 164    | 14.151 | 14.136 | 14.172 | HH | 33693  | 712326  | 13.39% | 0.235% |
| 165    | 14.241 | 14.172 | 14.272 | HH | 49188  | 2301491 | 43.27% | 0.758% |
|        |        |        |        |    |        |         |        |        |
| 166    | 14.296 | 14.272 | 14.331 | HH | 44749  | 1409571 | 26.50% | 0.464% |
| 167    | 14.355 | 14.331 | 14.421 | HH | 41553  | 1980496 | 37.24% | 0.652% |
| 168    | 14.442 | 14.421 | 14.467 | HH | 63505  | 1400554 | 26.33% | 0.461% |
| 169    | 14.490 | 14.467 | 14.551 | HH | 67015  | 2430711 | 45.70% | 0.801% |
| 170    | 14.566 | 14.551 | 14.596 | HH | 40994  | 1002407 | 18.85% | 0.330% |
|        |        |        |        |    |        |         |        |        |
| 171    | 14.621 | 14.596 | 14.642 | HH | 42157  | 1083165 | 20.37% | 0.357% |
| 172    | 14.656 | 14.642 | 14.676 | HH | 41823  | 804617  | 15.13% | 0.265% |
| 173    | 14.694 | 14.676 | 14.736 | HH | 44266  | 1327807 | 24.97% | 0.437% |
| 174    | 14.748 | 14.736 | 14.758 | HH | 30535  | 412969  | 7.76%  | 0.136% |
| 175    | 14.806 | 14.758 | 14.829 | HH | 146885 | 3038055 | 57.12% | 1.001% |
|        |        |        |        |    |        |         |        |        |
| 176    | 14.848 | 14.829 | 14.922 | HH | 130720 | 3577429 | 67.26% | 1.178% |
| 177    | 14.974 | 14.922 | 14.996 | HH | 41672  | 1674810 | 31.49% | 0.552% |
| 178    | 15.019 | 14.996 | 15.086 | HH | 46204  | 2079895 | 39.11% | 0.685% |
| 179    | 15.128 | 15.086 | 15.145 | HH | 41330  | 1327676 | 24.96% | 0.437% |
| 180    | 15.169 | 15.145 | 15.197 | HH | 49382  | 1344505 | 25.28% | 0.443% |
|        |        |        |        |    |        |         |        |        |
| 181    | 15.217 | 15.197 | 15.309 | HH | 51695  | 2878924 | 54.13% | 0.948% |
| 182    | 15.337 | 15.309 | 15.353 | HH | 41854  | 1008293 | 18.96% | 0.332% |
| 183    | 15.362 | 15.353 | 15.372 | HH | 38616  | 443991  | 8.35%  | 0.146% |
| 184    | 15.395 | 15.372 | 15.424 | HH | 39998  | 1186074 | 22.30% | 0.391% |
| 185    | 15.437 | 15.424 | 15.455 | HH | 38611  | 682741  | 12.84% | 0.225% |
|        |        |        |        |    |        |         |        |        |
| 186    | 15.480 | 15.455 | 15.507 | HH | 80305  | 1670939 | 31.42% | 0.550% |
| 187    | 15.522 | 15.507 | 15.566 | HH | 51028  | 1502789 | 28.26% | 0.495% |
| 188    | 15.584 | 15.566 | 15.604 | HH | 44591  | 940226  | 17.68% | 0.310% |
| 189    | 15.628 | 15.604 | 15.639 | HH | 52361  | 976483  | 18.36% | 0.322% |
| 190    | 15.655 | 15.639 | 15.694 | HH | 52029  | 1490930 | 28.03% | 0.491% |
|        |        |        |        |    |        |         |        |        |
| 191    | 15.722 | 15.694 | 15.747 | HH | 39309  | 1144838 | 21.53% | 0.377% |
| 192    | 15.766 | 15.747 | 15.787 | HH | 35525  | 826866  | 15.55% | 0.272% |
| 193    | 15.835 | 15.787 | 15.864 | HH | 43150  | 1719497 | 32.33% | 0.566% |
| 194    | 15.876 | 15.864 | 15.891 | HH | 33729  | 538357  | 10.12% | 0.177% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 15.912 | 15.891 | 15.961 | HH | 35343  | 1432288 | 26.93% | 0.472% |
| 196    | 15.966 | 15.961 | 15.994 | HH | 33094  | 654726  | 12.31% | 0.216% |
| 197    | 16.010 | 15.994 | 16.022 | HH | 34248  | 580006  | 10.91% | 0.191% |
| 198    | 16.049 | 16.022 | 16.057 | HH | 35503  | 710667  | 13.36% | 0.234% |
| 199    | 16.079 | 16.057 | 16.105 | HH | 37965  | 1044773 | 19.64% | 0.344% |
| 200    | 16.127 | 16.105 | 16.139 | HH | 35769  | 691974  | 13.01% | 0.228% |
| 201    | 16.173 | 16.139 | 16.207 | HH | 43699  | 1585995 | 29.82% | 0.522% |
| 202    | 16.260 | 16.207 | 16.271 | HH | 40833  | 1471060 | 27.66% | 0.485% |
| 203    | 16.281 | 16.271 | 16.299 | HH | 41121  | 688093  | 12.94% | 0.227% |
| 204    | 16.316 | 16.299 | 16.341 | HH | 46149  | 1053731 | 19.81% | 0.347% |
| 205    | 16.367 | 16.341 | 16.477 | HH | 137871 | 5022839 | 94.44% | 1.654% |
| 206    | 16.508 | 16.477 | 16.596 | HH | 51121  | 2788827 | 52.44% | 0.919% |
| 207    | 16.617 | 16.596 | 16.637 | HH | 55337  | 1100606 | 20.69% | 0.362% |
| 208    | 16.646 | 16.637 | 16.664 | HH | 40271  | 633437  | 11.91% | 0.209% |
| 209    | 16.688 | 16.664 | 16.729 | HH | 106691 | 2328485 | 43.78% | 0.767% |
| 210    | 16.753 | 16.729 | 16.846 | HH | 115325 | 4165542 | 78.32% | 1.372% |
| 211    | 16.865 | 16.846 | 16.939 | HH | 51561  | 2368256 | 44.53% | 0.780% |
| 212    | 16.998 | 16.939 | 17.081 | HH | 46838  | 3583461 | 67.38% | 1.180% |
| 213    | 17.107 | 17.081 | 17.131 | HH | 47265  | 1350772 | 25.40% | 0.445% |
| 214    | 17.147 | 17.131 | 17.198 | HH | 49000  | 1708496 | 32.12% | 0.563% |
| 215    | 17.226 | 17.198 | 17.266 | HH | 51047  | 1811046 | 34.05% | 0.596% |
| 216    | 17.280 | 17.266 | 17.327 | HH | 46068  | 1503604 | 28.27% | 0.495% |
| 217    | 17.349 | 17.327 | 17.387 | HH | 44661  | 1465357 | 27.55% | 0.483% |
| 218    | 17.416 | 17.387 | 17.491 | HH | 48731  | 2631579 | 49.48% | 0.867% |
| 219    | 17.550 | 17.491 | 17.582 | HH | 40172  | 2103442 | 39.55% | 0.693% |
| 220    | 17.606 | 17.582 | 17.631 | HH | 40247  | 1128849 | 21.23% | 0.372% |
| 221    | 17.661 | 17.631 | 17.702 | HH | 46846  | 1733161 | 32.59% | 0.571% |
| 222    | 17.738 | 17.702 | 17.771 | HH | 43746  | 1677787 | 31.55% | 0.553% |
| 223    | 17.809 | 17.771 | 17.817 | HH | 43146  | 1110294 | 20.88% | 0.366% |
| 224    | 17.831 | 17.817 | 17.841 | HH | 43658  | 599097  | 11.26% | 0.197% |
| 225    | 17.854 | 17.841 | 17.874 | HH | 43413  | 840001  | 15.79% | 0.277% |
| 226    | 17.898 | 17.874 | 17.922 | HH | 45418  | 1234005 | 23.20% | 0.406% |
| 227    | 17.956 | 17.922 | 17.996 | HH | 44690  | 1916291 | 36.03% | 0.631% |
| 228    | 18.005 | 17.996 | 18.021 | HH | 41899  | 608604  | 11.44% | 0.200% |
| 229    | 18.043 | 18.021 | 18.066 | HH | 59879  | 1409904 | 26.51% | 0.464% |
| 230    | 18.081 | 18.066 | 18.113 | HH | 52453  | 1312699 | 24.68% | 0.432% |
| 231    | 18.138 | 18.113 | 18.211 | HH | 79294  | 3239533 | 60.91% | 1.067% |
| 232    | 18.224 | 18.211 | 18.249 | HH | 42811  | 934712  | 17.57% | 0.308% |
| 233    | 18.272 | 18.249 | 18.289 | HH | 53168  | 1126538 | 21.18% | 0.371% |
| 234    | 18.303 | 18.289 | 18.351 | HH | 50292  | 1655233 | 31.12% | 0.545% |
| 235    | 18.355 | 18.351 | 18.366 | HH | 41031  | 366153  | 6.88%  | 0.121% |
| 236    | 18.388 | 18.366 | 18.451 | HH | 83214  | 2813513 | 52.90% | 0.927% |
| 237    | 18.485 | 18.451 | 18.533 | HH | 50114  | 2224417 | 41.82% | 0.733% |
| 238    | 18.557 | 18.533 | 18.611 | HH | 45707  | 1991108 | 37.44% | 0.656% |
| 239    | 18.622 | 18.611 | 18.637 | HH | 40765  | 648526  | 12.19% | 0.214% |
| 240    | 18.644 | 18.637 | 18.697 | HH | 40700  | 1447413 | 27.21% | 0.477% |
| 241    | 18.737 | 18.697 | 18.791 | HH | 42895  | 2309689 | 43.43% | 0.761% |
| 242    | 18.830 | 18.791 | 18.847 | HH | 45520  | 1453818 | 27.34% | 0.479% |
| 243    | 18.882 | 18.847 | 18.903 | HH | 52541  | 1624187 | 30.54% | 0.535% |
| 244    | 18.915 | 18.903 | 18.941 | HH | 47418  | 1012373 | 19.04% | 0.333% |
| 245    | 18.953 | 18.941 | 18.965 | HH | 42199  | 623360  | 11.72% | 0.205% |
| 246    | 18.987 | 18.965 | 19.047 | HH | 43451  | 2070141 | 38.92% | 0.682% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rters   |           |        |
| 247 | 19.086 | 19.047 | 19.117 | HH | 46374                   | 1831300 | 34.43%    | 0.603% |
| 248 | 19.128 | 19.117 | 19.158 | HH | 43448                   | 1035317 | 19.47%    | 0.341% |
| 249 | 19.171 | 19.158 | 19.216 | HH | 41942                   | 1426730 | 26.83%    | 0.470% |
| 250 | 19.266 | 19.216 | 19.316 | HH | 46072                   | 2578606 | 48.48%    | 0.849% |
| 251 | 19.358 | 19.316 | 19.371 | HH | 43996                   | 1425575 | 26.80%    | 0.470% |
| 252 | 19.410 | 19.371 | 19.455 | HH | 44596                   | 2215068 | 41.65%    | 0.730% |
| 253 | 19.474 | 19.455 | 19.498 | HH | 44641                   | 1120063 | 21.06%    | 0.369% |
| 254 | 19.568 | 19.498 | 19.604 | HH | 59074                   | 3177986 | 59.75%    | 1.047% |
| 255 | 19.638 | 19.604 | 19.679 | HH | 63887                   | 2493323 | 46.88%    | 0.821% |
| 256 | 19.685 | 19.679 | 19.728 | HH | 51707                   | 1488997 | 28.00%    | 0.490% |
| 257 | 19.751 | 19.728 | 19.772 | HH | 49771                   | 1274016 | 23.95%    | 0.420% |
| 258 | 19.790 | 19.772 | 19.835 | HH | 50020                   | 1847553 | 34.74%    | 0.609% |
| 259 | 19.867 | 19.835 | 19.926 | HH | 51672                   | 2699842 | 50.76%    | 0.889% |
| 260 | 19.968 | 19.926 | 20.024 | HH | 61530                   | 3245019 | 61.01%    | 1.069% |
| 261 | 20.047 | 20.024 | 20.080 | HH | 54689                   | 1810573 | 34.04%    | 0.596% |
| 262 | 20.092 | 20.080 | 20.136 | HH | 53729                   | 1781079 | 33.49%    | 0.587% |
| 263 | 20.168 | 20.136 | 20.195 | HH | 56043                   | 1929101 | 36.27%    | 0.635% |
| 264 | 20.209 | 20.195 | 20.256 | HH | 54694                   | 1990277 | 37.42%    | 0.656% |
| 265 | 20.308 | 20.256 | 20.339 | HH | 55324                   | 2682784 | 50.44%    | 0.884% |
| 266 | 20.363 | 20.339 | 20.416 | HH | 57115                   | 2564116 | 48.21%    | 0.845% |
| 267 | 20.436 | 20.416 | 20.474 | HH | 55797                   | 1928867 | 36.27%    | 0.635% |
| 268 | 20.513 | 20.474 | 20.536 | HH | 55573                   | 2045946 | 38.47%    | 0.674% |
| 269 | 20.550 | 20.536 | 20.577 | HH | 55460                   | 1360631 | 25.58%    | 0.448% |
| 270 | 20.593 | 20.577 | 20.602 | HH | 54629                   | 814983  | 15.32%    | 0.268% |
| 271 | 20.615 | 20.602 | 20.636 | HH | 54572                   | 1083633 | 20.38%    | 0.357% |
| 272 | 20.657 | 20.636 | 20.705 | HH | 54725                   | 2250227 | 42.31%    | 0.741% |
| 273 | 20.718 | 20.705 | 20.762 | HH | 54677                   | 1844947 | 34.69%    | 0.608% |
| 274 | 20.768 | 20.762 | 20.814 | HH | 52789                   | 1615365 | 30.37%    | 0.532% |
| 275 | 20.821 | 20.814 | 20.838 | HH | 51748                   | 747514  | 14.06%    | 0.246% |
| 276 | 20.843 | 20.838 | 20.866 | HH | 51715                   | 867236  | 16.31%    | 0.286% |
| 277 | 20.894 | 20.866 | 20.934 | HH | 52154                   | 2121638 | 39.89%    | 0.699% |
| 278 | 20.947 | 20.934 | 20.997 | HH | 51571                   | 1905731 | 35.83%    | 0.628% |
| 279 | 21.017 | 20.997 | 21.056 | HH | 50959                   | 1770791 | 33.30%    | 0.583% |
| 280 | 21.069 | 21.056 | 21.093 | HH | 50412                   | 1118029 | 21.02%    | 0.368% |
| 281 | 21.105 | 21.093 | 21.115 | HH | 49841                   | 659732  | 12.40%    | 0.217% |
| 282 | 21.131 | 21.115 | 21.179 | HH | 50143                   | 1910572 | 35.92%    | 0.629% |
| 283 | 21.199 | 21.179 | 21.226 | HH | 49496                   | 1373468 | 25.82%    | 0.452% |
| 284 | 21.237 | 21.226 | 21.291 | HH | 48917                   | 1885101 | 35.44%    | 0.621% |
| 285 | 21.299 | 21.291 | 21.357 | HH | 48161                   | 1914459 | 36.00%    | 0.631% |
| 286 | 21.368 | 21.357 | 21.402 | HH | 48332                   | 1296258 | 24.37%    | 0.427% |
|     |        |        |        |    | Sum of corrected areas: |         | 303615935 |        |

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