

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD011518AL\  
Data File : FD019059.D  
Signal(s) : FID2B.CH  
Acq On : 15 Jan 2018 20:29  
Sample : J1018-03  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 121917.M  
Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.795       | 3.771        | 3.890      | PH       | 1385           | 14334        | 0.03%          | 0.002%        |
| 2         | 5.038       | 4.990        | 5.056      | PH       | 794            | 15444        | 0.03%          | 0.002%        |
| 3         | 5.183       | 5.161        | 5.257      | PH       | 7295           | 105806       | 0.23%          | 0.014%        |
| 4         | 5.351       | 5.312        | 5.410      | PH       | 2288           | 42626        | 0.09%          | 0.006%        |
| 5         | 5.428       | 5.410        | 5.440      | HH       | 1371           | 12605        | 0.03%          | 0.002%        |
| 6         | 5.458       | 5.440        | 5.498      | HH       | 4089           | 78970        | 0.17%          | 0.011%        |
| 7         | 5.512       | 5.498        | 5.530      | HH       | 1496           | 22687        | 0.05%          | 0.003%        |
| 8         | 5.547       | 5.530        | 5.573      | HH       | 4244           | 55654        | 0.12%          | 0.008%        |
| 9         | 5.587       | 5.573        | 5.615      | HH       | 1678           | 29548        | 0.07%          | 0.004%        |
| 10        | 5.630       | 5.615        | 5.648      | HH       | 2264           | 26525        | 0.06%          | 0.004%        |
| 11        | 5.679       | 5.648        | 5.698      | HH       | 2460           | 44215        | 0.10%          | 0.006%        |
| 12        | 5.721       | 5.698        | 5.793      | HH       | 26422          | 372387       | 0.82%          | 0.051%        |
| 13        | 5.817       | 5.793        | 5.835      | HH       | 3123           | 45516        | 0.10%          | 0.006%        |
| 14        | 5.856       | 5.835        | 5.865      | HH       | 3316           | 44447        | 0.10%          | 0.006%        |
| 15        | 5.881       | 5.865        | 5.921      | HH       | 4218           | 94536        | 0.21%          | 0.013%        |
| 16        | 5.937       | 5.921        | 5.950      | HH       | 2959           | 36439        | 0.08%          | 0.005%        |
| 17        | 5.955       | 5.950        | 5.967      | HH       | 2105           | 20944        | 0.05%          | 0.003%        |
| 18        | 5.984       | 5.967        | 6.011      | HH       | 3343           | 60318        | 0.13%          | 0.008%        |
| 19        | 6.035       | 6.011        | 6.061      | HH       | 2222           | 53653        | 0.12%          | 0.007%        |
| 20        | 6.085       | 6.061        | 6.136      | HH       | 4743           | 116900       | 0.26%          | 0.016%        |
| 21        | 6.158       | 6.136        | 6.217      | HH       | 14752          | 215207       | 0.48%          | 0.029%        |
| 22        | 6.241       | 6.217        | 6.255      | HH       | 2551           | 42214        | 0.09%          | 0.006%        |
| 23        | 6.272       | 6.255        | 6.285      | HH       | 3435           | 48141        | 0.11%          | 0.007%        |
| 24        | 6.305       | 6.285        | 6.327      | HH       | 7017           | 109562       | 0.24%          | 0.015%        |
| 25        | 6.350       | 6.327        | 6.365      | HH       | 3629           | 65903        | 0.15%          | 0.009%        |
| 26        | 6.375       | 6.365        | 6.386      | HH       | 2723           | 30057        | 0.07%          | 0.004%        |
| 27        | 6.402       | 6.386        | 6.414      | HH       | 3331           | 46532        | 0.10%          | 0.006%        |
| 28        | 6.430       | 6.414        | 6.451      | HH       | 6125           | 81556        | 0.18%          | 0.011%        |
| 29        | 6.469       | 6.451        | 6.479      | HH       | 3936           | 50881        | 0.11%          | 0.007%        |
| 30        | 6.492       | 6.479        | 6.519      | HH       | 4635           | 82569        | 0.18%          | 0.011%        |
| 31        | 6.547       | 6.519        | 6.579      | HH       | 12075          | 200080       | 0.44%          | 0.027%        |
| 32        | 6.589       | 6.579        | 6.603      | HH       | 2831           | 37913        | 0.08%          | 0.005%        |
| 33        | 6.624       | 6.603        | 6.640      | HH       | 4131           | 72203        | 0.16%          | 0.010%        |
| 34        | 6.667       | 6.640        | 6.689      | HH       | 6507           | 134152       | 0.30%          | 0.018%        |
| 35        | 6.710       | 6.689        | 6.737      | HH       | 7900           | 134106       | 0.30%          | 0.018%        |
| 36        | 6.772       | 6.737        | 6.800      | HH       | 18569          | 314877       | 0.70%          | 0.043%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 6.814 | 6.800 | 6.831 | HH | 6975   | 91553   | 0.20%  | 0.012% |
| 38 | 6.855 | 6.831 | 6.884 | HH | 9699   | 183606  | 0.41%  | 0.025% |
| 39 | 6.905 | 6.884 | 6.933 | HH | 12608  | 205194  | 0.45%  | 0.028% |
| 40 | 6.950 | 6.933 | 6.966 | HH | 4908   | 79745   | 0.18%  | 0.011% |
|    |       |       |       |    |        |         |        |        |
| 41 | 6.977 | 6.966 | 6.991 | HH | 3859   | 52397   | 0.12%  | 0.007% |
| 42 | 7.015 | 6.991 | 7.024 | HH | 4002   | 73431   | 0.16%  | 0.010% |
| 43 | 7.049 | 7.024 | 7.060 | HH | 12805  | 171154  | 0.38%  | 0.023% |
| 44 | 7.076 | 7.060 | 7.098 | HH | 29564  | 358927  | 0.79%  | 0.049% |
| 45 | 7.109 | 7.098 | 7.188 | HH | 5732   | 270280  | 0.60%  | 0.037% |
|    |       |       |       |    |        |         |        |        |
| 46 | 7.197 | 7.188 | 7.211 | HH | 3988   | 53560   | 0.12%  | 0.007% |
| 47 | 7.244 | 7.211 | 7.277 | HH | 11163  | 268532  | 0.59%  | 0.037% |
| 48 | 7.295 | 7.277 | 7.319 | HH | 6245   | 118780  | 0.26%  | 0.016% |
| 49 | 7.336 | 7.319 | 7.355 | HH | 5498   | 94045   | 0.21%  | 0.013% |
| 50 | 7.381 | 7.355 | 7.421 | HH | 491141 | 5009015 | 11.08% | 0.682% |
|    |       |       |       |    |        |         |        |        |
| 51 | 7.435 | 7.421 | 7.475 | HH | 9498   | 210618  | 0.47%  | 0.029% |
| 52 | 7.497 | 7.475 | 7.514 | HH | 10254  | 182912  | 0.40%  | 0.025% |
| 53 | 7.531 | 7.514 | 7.572 | HH | 9607   | 252016  | 0.56%  | 0.034% |
| 54 | 7.593 | 7.572 | 7.613 | HH | 8917   | 167369  | 0.37%  | 0.023% |
| 55 | 7.640 | 7.613 | 7.654 | HH | 10896  | 192903  | 0.43%  | 0.026% |
|    |       |       |       |    |        |         |        |        |
| 56 | 7.667 | 7.654 | 7.680 | HH | 11276  | 144057  | 0.32%  | 0.020% |
| 57 | 7.693 | 7.680 | 7.715 | HH | 12777  | 184602  | 0.41%  | 0.025% |
| 58 | 7.763 | 7.715 | 7.792 | HH | 15893  | 393040  | 0.87%  | 0.054% |
| 59 | 7.806 | 7.792 | 7.828 | HH | 6505   | 125877  | 0.28%  | 0.017% |
| 60 | 7.859 | 7.828 | 7.875 | HH | 13508  | 268740  | 0.59%  | 0.037% |
|    |       |       |       |    |        |         |        |        |
| 61 | 7.891 | 7.875 | 7.921 | HH | 14695  | 330152  | 0.73%  | 0.045% |
| 62 | 7.943 | 7.921 | 7.968 | HH | 44020  | 590610  | 1.31%  | 0.080% |
| 63 | 8.007 | 7.968 | 8.024 | HH | 19443  | 386393  | 0.85%  | 0.053% |
| 64 | 8.039 | 8.024 | 8.071 | HH | 13830  | 299350  | 0.66%  | 0.041% |
| 65 | 8.089 | 8.071 | 8.106 | HH | 9374   | 177209  | 0.39%  | 0.024% |
|    |       |       |       |    |        |         |        |        |
| 66 | 8.152 | 8.106 | 8.199 | HH | 11547  | 461778  | 1.02%  | 0.063% |
| 67 | 8.238 | 8.199 | 8.278 | HH | 327797 | 3559404 | 7.87%  | 0.485% |
| 68 | 8.291 | 8.278 | 8.313 | HH | 11176  | 219039  | 0.48%  | 0.030% |
| 69 | 8.333 | 8.313 | 8.374 | HH | 27310  | 568932  | 1.26%  | 0.077% |
| 70 | 8.388 | 8.374 | 8.415 | HH | 13452  | 265859  | 0.59%  | 0.036% |
|    |       |       |       |    |        |         |        |        |
| 71 | 8.432 | 8.415 | 8.453 | HH | 11749  | 241187  | 0.53%  | 0.033% |
| 72 | 8.475 | 8.453 | 8.500 | HH | 22266  | 383012  | 0.85%  | 0.052% |
| 73 | 8.527 | 8.500 | 8.557 | HH | 12630  | 322777  | 0.71%  | 0.044% |
| 74 | 8.575 | 8.557 | 8.590 | HH | 10660  | 187121  | 0.41%  | 0.025% |
| 75 | 8.610 | 8.590 | 8.636 | HH | 18987  | 360549  | 0.80%  | 0.049% |
|    |       |       |       |    |        |         |        |        |
| 76 | 8.645 | 8.636 | 8.663 | HH | 9375   | 143171  | 0.32%  | 0.020% |
| 77 | 8.696 | 8.663 | 8.715 | HH | 10642  | 291724  | 0.65%  | 0.040% |
| 78 | 8.760 | 8.715 | 8.821 | HH | 58320  | 1129646 | 2.50%  | 0.154% |
| 79 | 8.842 | 8.821 | 8.863 | HH | 11589  | 235804  | 0.52%  | 0.032% |
| 80 | 8.896 | 8.863 | 8.915 | HH | 11968  | 296848  | 0.66%  | 0.040% |
|    |       |       |       |    |        |         |        |        |
| 81 | 8.945 | 8.915 | 8.962 | HH | 9766   | 249067  | 0.55%  | 0.034% |
| 82 | 8.979 | 8.962 | 9.007 | HH | 10326  | 255413  | 0.57%  | 0.035% |
| 83 | 9.034 | 9.007 | 9.065 | HH | 12271  | 337733  | 0.75%  | 0.046% |
| 84 | 9.081 | 9.065 | 9.093 | HH | 9897   | 155552  | 0.34%  | 0.021% |
| 85 | 9.116 | 9.093 | 9.161 | HH | 32290  | 727973  | 1.61%  | 0.099% |
|    |       |       |       |    |        |         |        |        |
| 86 | 9.191 | 9.161 | 9.203 | HH | 13425  | 302423  | 0.67%  | 0.041% |
| 87 | 9.216 | 9.203 | 9.241 | HH | 14785  | 279991  | 0.62%  | 0.038% |
| 88 | 9.262 | 9.241 | 9.282 | HH | 18261  | 324068  | 0.72%  | 0.044% |
| 89 | 9.314 | 9.282 | 9.343 | HH | 15272  | 435225  | 0.96%  | 0.059% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 9.358  | 9.343  | 9.366  | HH | 9297   | 129862  | 0.29%  | 0.018% |
| 91  | 9.378  | 9.366  | 9.399  | HH | 9509   | 175701  | 0.39%  | 0.024% |
| 92  | 9.410  | 9.399  | 9.420  | HH | 8794   | 110129  | 0.24%  | 0.015% |
| 93  | 9.440  | 9.420  | 9.460  | HH | 12463  | 256783  | 0.57%  | 0.035% |
| 94  | 9.486  | 9.460  | 9.507  | HH | 14095  | 344994  | 0.76%  | 0.047% |
| 95  | 9.534  | 9.507  | 9.574  | HH | 64773  | 1015897 | 2.25%  | 0.138% |
| 96  | 9.606  | 9.574  | 9.625  | HH | 11661  | 320242  | 0.71%  | 0.044% |
| 97  | 9.635  | 9.625  | 9.673  | HH | 10331  | 269761  | 0.60%  | 0.037% |
| 98  | 9.700  | 9.673  | 9.727  | HH | 10288  | 298010  | 0.66%  | 0.041% |
| 99  | 9.763  | 9.727  | 9.784  | HH | 9215   | 303373  | 0.67%  | 0.041% |
| 100 | 9.811  | 9.784  | 9.837  | HH | 9386   | 284979  | 0.63%  | 0.039% |
| 101 | 9.879  | 9.837  | 9.890  | HH | 13803  | 345376  | 0.76%  | 0.047% |
| 102 | 9.919  | 9.890  | 9.947  | HH | 24024  | 579750  | 1.28%  | 0.079% |
| 103 | 9.969  | 9.947  | 9.983  | HH | 15045  | 282753  | 0.63%  | 0.039% |
| 104 | 10.004 | 9.983  | 10.043 | HH | 15959  | 488347  | 1.08%  | 0.067% |
| 105 | 10.061 | 10.043 | 10.084 | HH | 16259  | 304061  | 0.67%  | 0.041% |
| 106 | 10.107 | 10.084 | 10.138 | HH | 11874  | 334802  | 0.74%  | 0.046% |
| 107 | 10.195 | 10.138 | 10.219 | HH | 13238  | 556836  | 1.23%  | 0.076% |
| 108 | 10.269 | 10.219 | 10.295 | HH | 61862  | 1085118 | 2.40%  | 0.148% |
| 109 | 10.338 | 10.295 | 10.402 | HH | 25401  | 1017183 | 2.25%  | 0.139% |
| 110 | 10.410 | 10.402 | 10.427 | HH | 10380  | 150467  | 0.33%  | 0.020% |
| 111 | 10.450 | 10.427 | 10.465 | HH | 10863  | 231047  | 0.51%  | 0.031% |
| 112 | 10.506 | 10.465 | 10.560 | HH | 140787 | 2008764 | 4.44%  | 0.274% |
| 113 | 10.585 | 10.560 | 10.625 | HH | 42530  | 833089  | 1.84%  | 0.113% |
| 114 | 10.648 | 10.625 | 10.671 | HH | 15914  | 385520  | 0.85%  | 0.053% |
| 115 | 10.680 | 10.671 | 10.699 | HH | 13587  | 207322  | 0.46%  | 0.028% |
| 116 | 10.721 | 10.699 | 10.751 | HH | 14171  | 360517  | 0.80%  | 0.049% |
| 117 | 10.774 | 10.751 | 10.797 | HH | 13031  | 311333  | 0.69%  | 0.042% |
| 118 | 10.819 | 10.797 | 10.850 | HH | 17762  | 422749  | 0.94%  | 0.058% |
| 119 | 10.906 | 10.850 | 10.931 | HH | 11950  | 540871  | 1.20%  | 0.074% |
| 120 | 10.968 | 10.931 | 11.005 | HH | 52811  | 975274  | 2.16%  | 0.133% |
| 121 | 11.056 | 11.005 | 11.086 | HH | 22009  | 735859  | 1.63%  | 0.100% |
| 122 | 11.108 | 11.086 | 11.135 | HH | 11215  | 311495  | 0.69%  | 0.042% |
| 123 | 11.161 | 11.135 | 11.185 | HH | 12725  | 335077  | 0.74%  | 0.046% |
| 124 | 11.212 | 11.185 | 11.220 | HH | 10550  | 223477  | 0.49%  | 0.030% |
| 125 | 11.272 | 11.220 | 11.296 | HH | 315745 | 3959495 | 8.76%  | 0.539% |
| 126 | 11.308 | 11.296 | 11.324 | HH | 23211  | 323687  | 0.72%  | 0.044% |
| 127 | 11.340 | 11.324 | 11.381 | HH | 25063  | 590823  | 1.31%  | 0.080% |
| 128 | 11.417 | 11.381 | 11.437 | HH | 29759  | 622591  | 1.38%  | 0.085% |
| 129 | 11.452 | 11.437 | 11.470 | HH | 20086  | 333359  | 0.74%  | 0.045% |
| 130 | 11.487 | 11.470 | 11.507 | HH | 20705  | 360916  | 0.80%  | 0.049% |
| 131 | 11.522 | 11.507 | 11.548 | HH | 15373  | 313660  | 0.69%  | 0.043% |
| 132 | 11.564 | 11.548 | 11.577 | HH | 11084  | 191310  | 0.42%  | 0.026% |
| 133 | 11.635 | 11.577 | 11.659 | HH | 42992  | 946488  | 2.09%  | 0.129% |
| 134 | 11.692 | 11.659 | 11.761 | HH | 516175 | 6551988 | 14.49% | 0.892% |
| 135 | 11.780 | 11.761 | 11.814 | HH | 16437  | 416907  | 0.92%  | 0.057% |
| 136 | 11.839 | 11.814 | 11.877 | HH | 12636  | 437213  | 0.97%  | 0.060% |
| 137 | 11.904 | 11.877 | 11.957 | HH | 14836  | 630089  | 1.39%  | 0.086% |
| 138 | 11.980 | 11.957 | 11.993 | HH | 13131  | 275043  | 0.61%  | 0.037% |
| 139 | 12.012 | 11.993 | 12.025 | HH | 13449  | 242467  | 0.54%  | 0.033% |
| 140 | 12.044 | 12.025 | 12.074 | HH | 14554  | 390594  | 0.86%  | 0.053% |
| 141 | 12.096 | 12.074 | 12.135 | HH | 16399  | 495803  | 1.10%  | 0.068% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 12.154 | 12.135 | 12.163 | HH | 13687   | 215870   | 0.48%  | 0.029% |
| 143    | 12.203 | 12.163 | 12.224 | HH | 20896   | 583940   | 1.29%  | 0.080% |
| 144    | 12.271 | 12.224 | 12.293 | HH | 40136   | 886746   | 1.96%  | 0.121% |
| 145    | 12.318 | 12.293 | 12.381 | HH | 158093  | 2275447  | 5.03%  | 0.310% |
| 146    | 12.414 | 12.381 | 12.434 | HH | 12900   | 387224   | 0.86%  | 0.053% |
| 147    | 12.477 | 12.434 | 12.488 | HH | 13167   | 404337   | 0.89%  | 0.055% |
| 148    | 12.506 | 12.488 | 12.527 | HH | 16867   | 343686   | 0.76%  | 0.047% |
| 149    | 12.564 | 12.527 | 12.585 | HH | 15573   | 511042   | 1.13%  | 0.070% |
| 150    | 12.612 | 12.585 | 12.651 | HH | 130492  | 1807314  | 4.00%  | 0.246% |
| 151    | 12.718 | 12.651 | 12.746 | HH | 1686406 | 29944460 | 66.25% | 4.079% |
| 152    | 12.770 | 12.746 | 12.860 | HH | 1205678 | 16581682 | 36.68% | 2.259% |
| 153    | 12.884 | 12.860 | 12.908 | HH | 35093   | 707105   | 1.56%  | 0.096% |
| 154    | 12.937 | 12.908 | 13.006 | HH | 242140  | 3555445  | 7.87%  | 0.484% |
| 155    | 13.023 | 13.006 | 13.057 | HH | 18685   | 507770   | 1.12%  | 0.069% |
| 156    | 13.084 | 13.057 | 13.107 | HH | 21609   | 536373   | 1.19%  | 0.073% |
| 157    | 13.121 | 13.107 | 13.151 | HH | 17654   | 454228   | 1.00%  | 0.062% |
| 158    | 13.218 | 13.151 | 13.291 | HH | 34526   | 1745942  | 3.86%  | 0.238% |
| 159    | 13.318 | 13.291 | 13.335 | HH | 28354   | 581905   | 1.29%  | 0.079% |
| 160    | 13.358 | 13.335 | 13.421 | HH | 25605   | 1055518  | 2.34%  | 0.144% |
| 161    | 13.466 | 13.421 | 13.498 | HH | 36361   | 1147487  | 2.54%  | 0.156% |
| 162    | 13.518 | 13.498 | 13.545 | HH | 24974   | 632336   | 1.40%  | 0.086% |
| 163    | 13.573 | 13.545 | 13.620 | HH | 24881   | 934146   | 2.07%  | 0.127% |
| 164    | 13.692 | 13.620 | 13.700 | HH | 21182   | 931009   | 2.06%  | 0.127% |
| 165    | 13.719 | 13.700 | 13.728 | HH | 24925   | 390847   | 0.86%  | 0.053% |
| 166    | 13.748 | 13.728 | 13.788 | HH | 31749   | 1003073  | 2.22%  | 0.137% |
| 167    | 13.804 | 13.788 | 13.827 | HH | 22905   | 517932   | 1.15%  | 0.071% |
| 168    | 13.869 | 13.827 | 13.885 | HH | 27014   | 854768   | 1.89%  | 0.116% |
| 169    | 13.914 | 13.885 | 13.931 | HH | 36327   | 832016   | 1.84%  | 0.113% |
| 170    | 13.953 | 13.931 | 13.992 | HH | 31223   | 1008515  | 2.23%  | 0.137% |
| 171    | 14.026 | 13.992 | 14.056 | HH | 40235   | 1162190  | 2.57%  | 0.158% |
| 172    | 14.081 | 14.056 | 14.105 | HH | 52354   | 1065467  | 2.36%  | 0.145% |
| 173    | 14.139 | 14.105 | 14.157 | HH | 34710   | 916093   | 2.03%  | 0.125% |
| 174    | 14.181 | 14.157 | 14.216 | HH | 35793   | 1045858  | 2.31%  | 0.142% |
| 175    | 14.236 | 14.216 | 14.255 | HH | 25953   | 592629   | 1.31%  | 0.081% |
| 176    | 14.269 | 14.255 | 14.319 | HH | 26646   | 932486   | 2.06%  | 0.127% |
| 177    | 14.340 | 14.319 | 14.355 | HH | 23464   | 490664   | 1.09%  | 0.067% |
| 178    | 14.369 | 14.355 | 14.391 | HH | 25427   | 523735   | 1.16%  | 0.071% |
| 179    | 14.408 | 14.391 | 14.432 | HH | 22988   | 556192   | 1.23%  | 0.076% |
| 180    | 14.454 | 14.432 | 14.463 | HH | 27559   | 473941   | 1.05%  | 0.065% |
| 181    | 14.489 | 14.463 | 14.509 | HH | 77025   | 1301747  | 2.88%  | 0.177% |
| 182    | 14.529 | 14.509 | 14.593 | HH | 74380   | 2212614  | 4.89%  | 0.301% |
| 183    | 14.647 | 14.593 | 14.666 | HH | 36584   | 1261439  | 2.79%  | 0.172% |
| 184    | 14.681 | 14.666 | 14.730 | HH | 30175   | 1069873  | 2.37%  | 0.146% |
| 185    | 14.758 | 14.730 | 14.776 | HH | 28421   | 755885   | 1.67%  | 0.103% |
| 186    | 14.814 | 14.776 | 14.825 | HH | 30962   | 844370   | 1.87%  | 0.115% |
| 187    | 14.837 | 14.825 | 14.858 | HH | 31235   | 591582   | 1.31%  | 0.081% |
| 188    | 14.871 | 14.858 | 14.893 | HH | 28921   | 591204   | 1.31%  | 0.081% |
| 189    | 14.981 | 14.893 | 15.028 | HH | 34228   | 2553292  | 5.65%  | 0.348% |
| 190    | 15.079 | 15.028 | 15.101 | HH | 39265   | 1486790  | 3.29%  | 0.203% |
| 191    | 15.139 | 15.101 | 15.185 | HH | 53110   | 2058965  | 4.56%  | 0.280% |
| 192    | 15.202 | 15.185 | 15.235 | HH | 37628   | 1033290  | 2.29%  | 0.141% |
| 193    | 15.253 | 15.235 | 15.261 | HH | 36489   | 564466   | 1.25%  | 0.077% |
| 194    | 15.270 | 15.261 | 15.281 | HH | 36200   | 418959   | 0.93%  | 0.057% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 15.323 | 15.281 | 15.367 | HH | 43151  | 2022209 | 4.47%  | 0.275% |
| 196 | 15.392 | 15.367 | 15.431 | HH | 39199  | 1458216 | 3.23%  | 0.199% |
| 197 | 15.452 | 15.431 | 15.464 | HH | 39101  | 759527  | 1.68%  | 0.103% |
| 198 | 15.487 | 15.464 | 15.528 | HH | 40826  | 1507876 | 3.34%  | 0.205% |
| 199 | 15.577 | 15.528 | 15.621 | HH | 50562  | 2408127 | 5.33%  | 0.328% |
| 200 | 15.636 | 15.621 | 15.656 | HH | 44250  | 898611  | 1.99%  | 0.122% |
| 201 | 15.678 | 15.656 | 15.700 | HH | 41963  | 1074321 | 2.38%  | 0.146% |
| 202 | 15.712 | 15.700 | 15.720 | HH | 41826  | 511674  | 1.13%  | 0.070% |
| 203 | 15.762 | 15.720 | 15.785 | HH | 47282  | 1742018 | 3.85%  | 0.237% |
| 204 | 15.850 | 15.785 | 15.881 | HH | 49685  | 2780406 | 6.15%  | 0.379% |
| 205 | 15.897 | 15.881 | 15.915 | HH | 47051  | 931263  | 2.06%  | 0.127% |
| 206 | 15.961 | 15.915 | 15.984 | HH | 51362  | 2027528 | 4.49%  | 0.276% |
| 207 | 16.046 | 15.984 | 16.102 | HH | 111311 | 4666804 | 10.32% | 0.636% |
| 208 | 16.122 | 16.102 | 16.150 | HH | 58665  | 1592121 | 3.52%  | 0.217% |
| 209 | 16.180 | 16.150 | 16.227 | HH | 65839  | 2664469 | 5.89%  | 0.363% |
| 210 | 16.240 | 16.227 | 16.258 | HH | 57397  | 1056845 | 2.34%  | 0.144% |
| 211 | 16.273 | 16.258 | 16.287 | HH | 57025  | 973625  | 2.15%  | 0.133% |
| 212 | 16.329 | 16.287 | 16.341 | HH | 64977  | 1961773 | 4.34%  | 0.267% |
| 213 | 16.365 | 16.341 | 16.386 | HH | 102721 | 2146855 | 4.75%  | 0.292% |
| 214 | 16.426 | 16.386 | 16.465 | HH | 106829 | 3679820 | 8.14%  | 0.501% |
| 215 | 16.484 | 16.465 | 16.498 | HH | 63576  | 1246678 | 2.76%  | 0.170% |
| 216 | 16.527 | 16.498 | 16.585 | HH | 87342  | 3735766 | 8.26%  | 0.509% |
| 217 | 16.605 | 16.585 | 16.630 | HH | 67363  | 1791891 | 3.96%  | 0.244% |
| 218 | 16.677 | 16.630 | 16.715 | HH | 71703  | 3500117 | 7.74%  | 0.477% |
| 219 | 16.736 | 16.715 | 16.756 | HH | 72646  | 1733743 | 3.84%  | 0.236% |
| 220 | 16.812 | 16.756 | 16.852 | HH | 78511  | 4314757 | 9.55%  | 0.588% |
| 221 | 16.904 | 16.852 | 16.943 | HH | 81021  | 4177245 | 9.24%  | 0.569% |
| 222 | 16.973 | 16.943 | 17.003 | HH | 88174  | 2958849 | 6.55%  | 0.403% |
| 223 | 17.022 | 17.003 | 17.037 | HH | 83344  | 1689507 | 3.74%  | 0.230% |
| 224 | 17.087 | 17.037 | 17.111 | HH | 84514  | 3645693 | 8.07%  | 0.497% |
| 225 | 17.126 | 17.111 | 17.151 | HH | 85308  | 2019094 | 4.47%  | 0.275% |
| 226 | 17.160 | 17.151 | 17.176 | HH | 82572  | 1248513 | 2.76%  | 0.170% |
| 227 | 17.224 | 17.176 | 17.256 | HH | 86999  | 4063551 | 8.99%  | 0.554% |
| 228 | 17.291 | 17.256 | 17.303 | HH | 89494  | 2421646 | 5.36%  | 0.330% |
| 229 | 17.317 | 17.303 | 17.333 | HH | 90706  | 1614966 | 3.57%  | 0.220% |
| 230 | 17.409 | 17.333 | 17.451 | HH | 104129 | 6815956 | 15.08% | 0.928% |
| 231 | 17.521 | 17.451 | 17.578 | HH | 118158 | 7877103 | 17.43% | 1.073% |
| 232 | 17.588 | 17.578 | 17.598 | HH | 103311 | 1233720 | 2.73%  | 0.168% |
| 233 | 17.627 | 17.598 | 17.649 | HH | 104697 | 3167874 | 7.01%  | 0.432% |
| 234 | 17.712 | 17.649 | 17.763 | HH | 116723 | 7368498 | 16.30% | 1.004% |
| 235 | 17.805 | 17.763 | 17.864 | HH | 137963 | 7263537 | 16.07% | 0.989% |
| 236 | 17.887 | 17.864 | 17.909 | HH | 128728 | 3289274 | 7.28%  | 0.448% |
| 237 | 17.937 | 17.909 | 17.949 | HH | 123295 | 2887898 | 6.39%  | 0.393% |
| 238 | 17.967 | 17.949 | 17.988 | HH | 124269 | 2780748 | 6.15%  | 0.379% |
| 239 | 18.011 | 17.988 | 18.025 | HH | 120563 | 2635237 | 5.83%  | 0.359% |
| 240 | 18.055 | 18.025 | 18.086 | HH | 146846 | 4779577 | 10.57% | 0.651% |
| 241 | 18.093 | 18.086 | 18.102 | HH | 121109 | 1135005 | 2.51%  | 0.155% |
| 242 | 18.198 | 18.102 | 18.216 | HH | 138734 | 8704171 | 19.26% | 1.186% |
| 243 | 18.237 | 18.216 | 18.273 | HH | 140279 | 4623991 | 10.23% | 0.630% |
| 244 | 18.307 | 18.273 | 18.328 | HH | 146451 | 4569742 | 10.11% | 0.622% |
| 245 | 18.364 | 18.328 | 18.407 | HH | 148621 | 6801146 | 15.05% | 0.926% |
| 246 | 18.417 | 18.407 | 18.457 | HH | 143379 | 4210132 | 9.31%  | 0.573% |

|     |        |        |        |    |                         |          |           |        |
|-----|--------|--------|--------|----|-------------------------|----------|-----------|--------|
|     |        |        |        |    |                         | rters    |           |        |
| 247 | 18.489 | 18.457 | 18.511 | HH | 147742                  | 4737419  | 10.48%    | 0.645% |
| 248 | 18.532 | 18.511 | 18.549 | HH | 148044                  | 3347945  | 7.41%     | 0.456% |
| 249 | 18.636 | 18.549 | 18.674 | HH | 170433                  | 11566191 | 25.59%    | 1.575% |
| 250 | 18.708 | 18.674 | 18.735 | HH | 161314                  | 5708420  | 12.63%    | 0.778% |
| 251 | 18.761 | 18.735 | 18.780 | HH | 159530                  | 4277845  | 9.46%     | 0.583% |
| 252 | 18.826 | 18.780 | 18.848 | HH | 162068                  | 6515421  | 14.41%    | 0.887% |
| 253 | 18.888 | 18.848 | 18.901 | HH | 168227                  | 5286387  | 11.70%    | 0.720% |
| 254 | 18.980 | 18.901 | 18.987 | HH | 174381                  | 8817828  | 19.51%    | 1.201% |
| 255 | 19.017 | 18.987 | 19.045 | HH | 192977                  | 6334390  | 14.01%    | 0.863% |
| 256 | 19.061 | 19.045 | 19.086 | HH | 180932                  | 4388675  | 9.71%     | 0.598% |
| 257 | 19.108 | 19.086 | 19.149 | HH | 181894                  | 6814069  | 15.07%    | 0.928% |
| 258 | 19.174 | 19.149 | 19.191 | HH | 180606                  | 4561339  | 10.09%    | 0.621% |
| 259 | 19.215 | 19.191 | 19.247 | HH | 193018                  | 6367216  | 14.09%    | 0.867% |
| 260 | 19.292 | 19.247 | 19.315 | HH | 200159                  | 7853275  | 17.37%    | 1.070% |
| 261 | 19.342 | 19.315 | 19.359 | HH | 200100                  | 5299452  | 11.72%    | 0.722% |
| 262 | 19.395 | 19.359 | 19.450 | HH | 212058                  | 10995171 | 24.32%    | 1.498% |
| 263 | 19.604 | 19.450 | 19.623 | HH | 234803                  | 22060674 | 48.80%    | 3.005% |
| 264 | 19.632 | 19.623 | 19.655 | HH | 229076                  | 4285730  | 9.48%     | 0.584% |
| 265 | 19.676 | 19.655 | 19.709 | HH | 221196                  | 7057404  | 15.61%    | 0.961% |
| 266 | 19.755 | 19.709 | 19.773 | HH | 228086                  | 8626638  | 19.08%    | 1.175% |
| 267 | 19.941 | 19.773 | 19.964 | HH | 248649                  | 27170827 | 60.11%    | 3.701% |
| 268 | 20.108 | 19.964 | 20.150 | HH | 269018                  | 28119880 | 62.21%    | 3.830% |
| 269 | 20.198 | 20.150 | 20.219 | HH | 258565                  | 10556709 | 23.35%    | 1.438% |
| 270 | 20.329 | 20.219 | 20.338 | HH | 287133                  | 19280470 | 42.65%    | 2.626% |
| 271 | 20.355 | 20.338 | 20.481 | HH | 288059                  | 23684446 | 52.40%    | 3.226% |
| 272 | 20.491 | 20.481 | 20.513 | HH | 256132                  | 4844592  | 10.72%    | 0.660% |
| 273 | 20.532 | 20.513 | 20.550 | HH | 256839                  | 5572046  | 12.33%    | 0.759% |
| 274 | 20.645 | 20.550 | 20.688 | HH | 269138                  | 21888191 | 48.42%    | 2.981% |
| 275 | 20.697 | 20.688 | 20.723 | HH | 264993                  | 5537328  | 12.25%    | 0.754% |
| 276 | 20.747 | 20.723 | 20.805 | HH | 259505                  | 12444704 | 27.53%    | 1.695% |
| 277 | 20.829 | 20.805 | 20.848 | HH | 262150                  | 6694830  | 14.81%    | 0.912% |
| 278 | 20.873 | 20.848 | 20.904 | HH | 258021                  | 8560014  | 18.94%    | 1.166% |
| 279 | 20.918 | 20.904 | 20.930 | HH | 258153                  | 4057982  | 8.98%     | 0.553% |
| 280 | 20.948 | 20.930 | 21.008 | HH | 261194                  | 11968702 | 26.48%    | 1.630% |
| 281 | 21.022 | 21.008 | 21.049 | HH | 254162                  | 6160862  | 13.63%    | 0.839% |
| 282 | 21.058 | 21.049 | 21.076 | HH | 246487                  | 4043125  | 8.94%     | 0.551% |
| 283 | 21.084 | 21.076 | 21.094 | HH | 243633                  | 2586949  | 5.72%     | 0.352% |
| 284 | 21.108 | 21.094 | 21.117 | HH | 244742                  | 3397304  | 7.52%     | 0.463% |
| 285 | 21.223 | 21.117 | 21.425 | HH | 256395                  | 45201733 | 100.00%   | 6.157% |
| 286 | 21.434 | 21.425 | 21.485 | HH | 232525                  | 8308752  | 18.38%    | 1.132% |
| 287 | 21.511 | 21.485 | 21.532 | HH | 232756                  | 6592900  | 14.59%    | 0.898% |
| 288 | 21.565 | 21.532 | 21.606 | HH | 234791                  | 10299075 | 22.78%    | 1.403% |
|     |        |        |        |    | Sum of corrected areas: |          | 734133634 |        |

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