

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD040418AL\  
Data File : FD022820.D  
Signal(s) : FID2B.CH  
Acq On : 04 Apr 2018 21:50  
Sample : J2151-01MS  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 031618.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         | 3.035       | 3.005        | 3.138      | BH       | 302224         | 2546588      | 13.35%         | 0.397%        |
| 2         | 4.086       | 4.062        | 4.104      | PH       | 364532         | 3182142      | 16.68%         | 0.496%        |
| 3         | 4.120       | 4.104        | 4.178      | HH       | 382917         | 3602414      | 18.89%         | 0.561%        |
| 4         | 4.190       | 4.178        | 4.214      | HH       | 3644           | 50890        | 0.27%          | 0.008%        |
| 5         | 4.234       | 4.214        | 4.320      | HH       | 5255           | 92089        | 0.48%          | 0.014%        |
| 6         | 4.336       | 4.320        | 4.373      | HH       | 923            | 11593        | 0.06%          | 0.002%        |
| 7         | 5.117       | 5.092        | 5.139      | PH       | 4480           | 46300        | 0.24%          | 0.007%        |
| 8         | 5.277       | 5.241        | 5.341      | PH       | 1456           | 16241        | 0.09%          | 0.003%        |
| 9         | 5.397       | 5.374        | 5.435      | PH       | 1468           | 16242        | 0.09%          | 0.003%        |
| 10        | 5.647       | 5.622        | 5.770      | HH       | 381467         | 4243802      | 22.25%         | 0.661%        |
| 11        | 5.781       | 5.770        | 5.794      | HH       | 2425           | 32735        | 0.17%          | 0.005%        |
| 12        | 5.813       | 5.794        | 5.854      | HH       | 2901           | 71677        | 0.38%          | 0.011%        |
| 13        | 5.878       | 5.854        | 5.902      | HH       | 1558           | 39625        | 0.21%          | 0.006%        |
| 14        | 5.915       | 5.902        | 5.944      | HH       | 1555           | 30165        | 0.16%          | 0.005%        |
| 15        | 5.962       | 5.944        | 5.982      | HH       | 1582           | 28630        | 0.15%          | 0.004%        |
| 16        | 5.991       | 5.982        | 5.999      | HH       | 1288           | 12604        | 0.07%          | 0.002%        |
| 17        | 6.030       | 5.999        | 6.057      | HH       | 1564           | 43241        | 0.23%          | 0.007%        |
| 18        | 6.088       | 6.057        | 6.142      | HH       | 405172         | 4009350      | 21.02%         | 0.625%        |
| 19        | 6.174       | 6.142        | 6.188      | HH       | 1445           | 36530        | 0.19%          | 0.006%        |
| 20        | 6.202       | 6.188        | 6.214      | HH       | 1615           | 20517        | 0.11%          | 0.003%        |
| 21        | 6.234       | 6.214        | 6.290      | HH       | 5343           | 97466        | 0.51%          | 0.015%        |
| 22        | 6.304       | 6.290        | 6.315      | HH       | 1208           | 15474        | 0.08%          | 0.002%        |
| 23        | 6.329       | 6.315        | 6.346      | HH       | 1239           | 18570        | 0.10%          | 0.003%        |
| 24        | 6.365       | 6.346        | 6.380      | HH       | 1517           | 23925        | 0.13%          | 0.004%        |
| 25        | 6.397       | 6.380        | 6.421      | HH       | 2314           | 36499        | 0.19%          | 0.006%        |
| 26        | 6.430       | 6.421        | 6.448      | HH       | 1050           | 14981        | 0.08%          | 0.002%        |
| 27        | 6.482       | 6.448        | 6.505      | HH       | 1636           | 44952        | 0.24%          | 0.007%        |
| 28        | 6.522       | 6.505        | 6.539      | HH       | 1708           | 25426        | 0.13%          | 0.004%        |
| 29        | 6.560       | 6.539        | 6.570      | HH       | 1672           | 26394        | 0.14%          | 0.004%        |
| 30        | 6.597       | 6.570        | 6.611      | HH       | 2587           | 51990        | 0.27%          | 0.008%        |
| 31        | 6.638       | 6.611        | 6.666      | HH       | 3277           | 76313        | 0.40%          | 0.012%        |
| 32        | 6.697       | 6.666        | 6.764      | HH       | 418566         | 4621485      | 24.23%         | 0.720%        |
| 33        | 6.782       | 6.764        | 6.824      | HH       | 9939           | 207224       | 1.09%          | 0.032%        |
| 34        | 6.844       | 6.824        | 6.866      | HH       | 5583           | 106129       | 0.56%          | 0.017%        |
| 35        | 6.873       | 6.866        | 6.893      | HH       | 3752           | 51516        | 0.27%          | 0.008%        |
| 36        | 6.903       | 6.893        | 6.920      | HH       | 2716           | 41573        | 0.22%          | 0.006%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 6.944 | 6.920 | 6.965 | HH | 2561   | 65332   | 0.34%  | 0.010% |
| 38     | 7.005 | 6.965 | 7.030 | HH | 7361   | 147376  | 0.77%  | 0.023% |
| 39     | 7.055 | 7.030 | 7.070 | HH | 2440   | 50928   | 0.27%  | 0.008% |
| 40     | 7.082 | 7.070 | 7.112 | HH | 2135   | 49830   | 0.26%  | 0.008% |
| 41     | 7.125 | 7.112 | 7.148 | HH | 2119   | 39345   | 0.21%  | 0.006% |
| 42     | 7.173 | 7.148 | 7.203 | HH | 4017   | 79649   | 0.42%  | 0.012% |
| 43     | 7.218 | 7.203 | 7.244 | HH | 1926   | 39156   | 0.21%  | 0.006% |
| 44     | 7.268 | 7.244 | 7.284 | HH | 2371   | 43936   | 0.23%  | 0.007% |
| 45     | 7.309 | 7.284 | 7.405 | HH | 387685 | 4261606 | 22.34% | 0.664% |
| 46     | 7.414 | 7.405 | 7.438 | HH | 3704   | 67627   | 0.35%  | 0.011% |
| 47     | 7.456 | 7.438 | 7.503 | HH | 3703   | 117562  | 0.62%  | 0.018% |
| 48     | 7.524 | 7.503 | 7.538 | HH | 3064   | 55621   | 0.29%  | 0.009% |
| 49     | 7.567 | 7.538 | 7.582 | HH | 3535   | 73811   | 0.39%  | 0.012% |
| 50     | 7.594 | 7.582 | 7.608 | HH | 2865   | 40270   | 0.21%  | 0.006% |
| 51     | 7.622 | 7.608 | 7.667 | HH | 3322   | 80231   | 0.42%  | 0.013% |
| 52     | 7.690 | 7.667 | 7.712 | HH | 6878   | 105448  | 0.55%  | 0.016% |
| 53     | 7.727 | 7.712 | 7.755 | HH | 3023   | 65250   | 0.34%  | 0.010% |
| 54     | 7.776 | 7.755 | 7.785 | HH | 3030   | 45256   | 0.24%  | 0.007% |
| 55     | 7.800 | 7.785 | 7.817 | HH | 4069   | 65751   | 0.34%  | 0.010% |
| 56     | 7.871 | 7.817 | 7.906 | HH | 429276 | 4568766 | 23.95% | 0.712% |
| 57     | 7.913 | 7.906 | 7.923 | HH | 3202   | 33289   | 0.17%  | 0.005% |
| 58     | 7.965 | 7.923 | 8.058 | HH | 445312 | 5006959 | 26.25% | 0.780% |
| 59     | 8.070 | 8.058 | 8.096 | HH | 3541   | 71796   | 0.38%  | 0.011% |
| 60     | 8.107 | 8.096 | 8.141 | HH | 2712   | 60403   | 0.32%  | 0.009% |
| 61     | 8.167 | 8.141 | 8.231 | HH | 236620 | 2888214 | 15.14% | 0.450% |
| 62     | 8.258 | 8.231 | 8.345 | HH | 476478 | 5149367 | 27.00% | 0.802% |
| 63     | 8.358 | 8.345 | 8.380 | HH | 4819   | 89021   | 0.47%  | 0.014% |
| 64     | 8.400 | 8.380 | 8.428 | HH | 7915   | 138076  | 0.72%  | 0.022% |
| 65     | 8.455 | 8.428 | 8.489 | HH | 3278   | 97401   | 0.51%  | 0.015% |
| 66     | 8.518 | 8.489 | 8.534 | HH | 2840   | 68282   | 0.36%  | 0.011% |
| 67     | 8.543 | 8.534 | 8.565 | HH | 2653   | 44030   | 0.23%  | 0.007% |
| 68     | 8.590 | 8.565 | 8.612 | HH | 2807   | 72668   | 0.38%  | 0.011% |
| 69     | 8.622 | 8.612 | 8.658 | HH | 2878   | 72609   | 0.38%  | 0.011% |
| 70     | 8.686 | 8.658 | 8.747 | HH | 11261  | 223310  | 1.17%  | 0.035% |
| 71     | 8.765 | 8.747 | 8.788 | HH | 2444   | 52479   | 0.28%  | 0.008% |
| 72     | 8.829 | 8.788 | 8.854 | HH | 2504   | 77469   | 0.41%  | 0.012% |
| 73     | 8.875 | 8.854 | 8.931 | HH | 2546   | 90407   | 0.47%  | 0.014% |
| 74     | 8.964 | 8.931 | 9.002 | HH | 2577   | 87409   | 0.46%  | 0.014% |
| 75     | 9.040 | 9.002 | 9.165 | HH | 439753 | 5083572 | 26.65% | 0.792% |
| 76     | 9.186 | 9.165 | 9.205 | HH | 3973   | 81318   | 0.43%  | 0.013% |
| 77     | 9.213 | 9.205 | 9.228 | HH | 3301   | 44046   | 0.23%  | 0.007% |
| 78     | 9.236 | 9.228 | 9.247 | HH | 3406   | 36241   | 0.19%  | 0.006% |
| 79     | 9.265 | 9.247 | 9.345 | HH | 5189   | 197760  | 1.04%  | 0.031% |
| 80     | 9.409 | 9.345 | 9.427 | HH | 3342   | 129377  | 0.68%  | 0.020% |
| 81     | 9.461 | 9.427 | 9.518 | HH | 421621 | 4647096 | 24.36% | 0.724% |
| 82     | 9.527 | 9.518 | 9.547 | HH | 2621   | 43611   | 0.23%  | 0.007% |
| 83     | 9.560 | 9.547 | 9.601 | HH | 2551   | 74509   | 0.39%  | 0.012% |
| 84     | 9.620 | 9.601 | 9.655 | HH | 2301   | 70237   | 0.37%  | 0.011% |
| 85     | 9.665 | 9.655 | 9.678 | HH | 2179   | 29999   | 0.16%  | 0.005% |
| 86     | 9.682 | 9.678 | 9.706 | HH | 2193   | 34951   | 0.18%  | 0.005% |
| 87     | 9.744 | 9.706 | 9.770 | HH | 2531   | 85262   | 0.45%  | 0.013% |
| 88     | 9.800 | 9.770 | 9.814 | HH | 2955   | 69875   | 0.37%  | 0.011% |
| 89     | 9.843 | 9.814 | 9.875 | HH | 5109   | 133048  | 0.70%  | 0.021% |

|     |        |        |        |    | rteres |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 90  | 9.893  | 9.875  | 9.908  | HH | 3257   | 58195    | 0.31%  | 0.009% |
| 91  | 9.934  | 9.908  | 9.958  | HH | 3395   | 87172    | 0.46%  | 0.014% |
| 92  | 9.985  | 9.958  | 10.012 | HH | 3531   | 90693    | 0.48%  | 0.014% |
| 93  | 10.051 | 10.012 | 10.060 | HH | 2758   | 73630    | 0.39%  | 0.011% |
| 94  | 10.076 | 10.060 | 10.094 | HH | 2899   | 56698    | 0.30%  | 0.009% |
| 95  | 10.116 | 10.094 | 10.139 | HH | 3084   | 79497    | 0.42%  | 0.012% |
| 96  | 10.193 | 10.139 | 10.221 | HH | 11358  | 243588   | 1.28%  | 0.038% |
| 97  | 10.249 | 10.221 | 10.294 | HH | 8913   | 280742   | 1.47%  | 0.044% |
| 98  | 10.310 | 10.294 | 10.350 | HH | 4375   | 115582   | 0.61%  | 0.018% |
| 99  | 10.369 | 10.350 | 10.388 | HH | 2967   | 61237    | 0.32%  | 0.010% |
| 100 | 10.434 | 10.388 | 10.484 | HH | 447711 | 5211508  | 27.32% | 0.812% |
| 101 | 10.510 | 10.484 | 10.624 | HH | 417701 | 5254896  | 27.55% | 0.819% |
| 102 | 10.642 | 10.624 | 10.677 | HH | 5401   | 149037   | 0.78%  | 0.023% |
| 103 | 10.695 | 10.677 | 10.727 | HH | 4427   | 116879   | 0.61%  | 0.018% |
| 104 | 10.744 | 10.727 | 10.781 | HH | 3907   | 116633   | 0.61%  | 0.018% |
| 105 | 10.834 | 10.781 | 10.855 | HH | 4069   | 166301   | 0.87%  | 0.026% |
| 106 | 10.894 | 10.855 | 10.955 | HH | 403719 | 4696161  | 24.62% | 0.732% |
| 107 | 10.980 | 10.955 | 11.026 | HH | 6189   | 185051   | 0.97%  | 0.029% |
| 108 | 11.051 | 11.026 | 11.064 | HH | 3819   | 83549    | 0.44%  | 0.013% |
| 109 | 11.083 | 11.064 | 11.103 | HH | 4422   | 88981    | 0.47%  | 0.014% |
| 110 | 11.128 | 11.103 | 11.144 | HH | 3917   | 90138    | 0.47%  | 0.014% |
| 111 | 11.193 | 11.144 | 11.233 | HH | 410461 | 4588699  | 24.06% | 0.715% |
| 112 | 11.251 | 11.233 | 11.272 | HH | 5106   | 114423   | 0.60%  | 0.018% |
| 113 | 11.287 | 11.272 | 11.308 | HH | 5032   | 103154   | 0.54%  | 0.016% |
| 114 | 11.319 | 11.308 | 11.334 | HH | 4804   | 73647    | 0.39%  | 0.011% |
| 115 | 11.362 | 11.334 | 11.388 | HH | 5426   | 158005   | 0.83%  | 0.025% |
| 116 | 11.401 | 11.388 | 11.421 | HH | 5042   | 94300    | 0.49%  | 0.015% |
| 117 | 11.447 | 11.421 | 11.504 | HH | 5832   | 234413   | 1.23%  | 0.037% |
| 118 | 11.556 | 11.504 | 11.580 | HH | 9770   | 260922   | 1.37%  | 0.041% |
| 119 | 11.612 | 11.580 | 11.714 | HH | 153875 | 1986934  | 10.42% | 0.310% |
| 120 | 11.747 | 11.714 | 11.758 | HH | 5076   | 120997   | 0.63%  | 0.019% |
| 121 | 11.773 | 11.758 | 11.802 | HH | 5170   | 133389   | 0.70%  | 0.021% |
| 122 | 11.856 | 11.802 | 11.877 | HH | 5962   | 241913   | 1.27%  | 0.038% |
| 123 | 11.932 | 11.877 | 11.955 | HH | 5848   | 249478   | 1.31%  | 0.039% |
| 124 | 12.016 | 11.955 | 12.031 | HH | 6868   | 258244   | 1.35%  | 0.040% |
| 125 | 12.045 | 12.031 | 12.065 | HH | 6680   | 128184   | 0.67%  | 0.020% |
| 126 | 12.075 | 12.065 | 12.114 | HH | 6085   | 169658   | 0.89%  | 0.026% |
| 127 | 12.139 | 12.114 | 12.158 | HH | 7350   | 172415   | 0.90%  | 0.027% |
| 128 | 12.195 | 12.158 | 12.220 | HH | 388883 | 4667891  | 24.47% | 0.727% |
| 129 | 12.245 | 12.220 | 12.356 | HH | 453988 | 5692561  | 29.84% | 0.887% |
| 130 | 12.378 | 12.356 | 12.395 | HH | 6562   | 151086   | 0.79%  | 0.024% |
| 131 | 12.412 | 12.395 | 12.422 | HH | 6356   | 98344    | 0.52%  | 0.015% |
| 132 | 12.445 | 12.422 | 12.484 | HH | 10327  | 298473   | 1.56%  | 0.047% |
| 133 | 12.539 | 12.484 | 12.588 | HH | 438486 | 5494075  | 28.80% | 0.856% |
| 134 | 12.627 | 12.588 | 12.659 | HH | 613553 | 11450510 | 60.03% | 1.784% |
| 135 | 12.680 | 12.659 | 12.702 | HH | 335846 | 4033851  | 21.15% | 0.629% |
| 136 | 12.711 | 12.702 | 12.765 | HH | 30495  | 566949   | 2.97%  | 0.088% |
| 137 | 12.804 | 12.765 | 12.833 | HH | 387125 | 4798752  | 25.16% | 0.748% |
| 138 | 12.857 | 12.833 | 12.918 | HH | 70977  | 1172779  | 6.15%  | 0.183% |
| 139 | 12.930 | 12.918 | 12.968 | HH | 9143   | 269593   | 1.41%  | 0.042% |
| 140 | 12.996 | 12.968 | 13.009 | HH | 9788   | 218944   | 1.15%  | 0.034% |
| 141 | 13.030 | 13.009 | 13.046 | HH | 10235  | 216641   | 1.14%  | 0.034% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 13.058 | 13.046 | 13.109 | HH | 9758   | 345843  | 1.81%  | 0.054% |
| 143    | 13.155 | 13.109 | 13.207 | HH | 13918  | 640074  | 3.36%  | 0.100% |
| 144    | 13.224 | 13.207 | 13.243 | HH | 9773   | 214450  | 1.12%  | 0.033% |
| 145    | 13.264 | 13.243 | 13.278 | HH | 10961  | 216466  | 1.13%  | 0.034% |
| 146    | 13.302 | 13.278 | 13.347 | HH | 12011  | 465494  | 2.44%  | 0.073% |
| 147    | 13.387 | 13.347 | 13.418 | HH | 358480 | 4953537 | 25.97% | 0.772% |
| 148    | 13.430 | 13.418 | 13.458 | HH | 13951  | 308950  | 1.62%  | 0.048% |
| 149    | 13.498 | 13.458 | 13.554 | HH | 14186  | 711344  | 3.73%  | 0.111% |
| 150    | 13.622 | 13.554 | 13.648 | HH | 12607  | 670995  | 3.52%  | 0.105% |
| 151    | 13.675 | 13.648 | 13.684 | HH | 17117  | 324694  | 1.70%  | 0.051% |
| 152    | 13.692 | 13.684 | 13.735 | HH | 17093  | 439929  | 2.31%  | 0.069% |
| 153    | 13.794 | 13.735 | 13.814 | HH | 15026  | 655957  | 3.44%  | 0.102% |
| 154    | 13.836 | 13.814 | 13.855 | HH | 16270  | 376391  | 1.97%  | 0.059% |
| 155    | 13.865 | 13.855 | 13.905 | HH | 15312  | 427897  | 2.24%  | 0.067% |
| 156    | 13.944 | 13.905 | 13.965 | HH | 17117  | 532985  | 2.79%  | 0.083% |
| 157    | 14.003 | 13.965 | 14.055 | HH | 19982  | 897311  | 4.70%  | 0.140% |
| 158    | 14.072 | 14.055 | 14.095 | HH | 17675  | 397463  | 2.08%  | 0.062% |
| 159    | 14.125 | 14.095 | 14.152 | HH | 17377  | 559319  | 2.93%  | 0.087% |
| 160    | 14.163 | 14.152 | 14.178 | HH | 16100  | 245331  | 1.29%  | 0.038% |
| 161    | 14.197 | 14.178 | 14.208 | HH | 15850  | 279710  | 1.47%  | 0.044% |
| 162    | 14.225 | 14.208 | 14.246 | HH | 16229  | 364831  | 1.91%  | 0.057% |
| 163    | 14.285 | 14.246 | 14.307 | HH | 16622  | 586054  | 3.07%  | 0.091% |
| 164    | 14.325 | 14.307 | 14.348 | HH | 17491  | 416417  | 2.18%  | 0.065% |
| 165    | 14.360 | 14.348 | 14.377 | HH | 17222  | 295967  | 1.55%  | 0.046% |
| 166    | 14.420 | 14.377 | 14.440 | HH | 426156 | 5547542 | 29.08% | 0.864% |
| 167    | 14.462 | 14.440 | 14.473 | HH | 421118 | 5192982 | 27.22% | 0.809% |
| 168    | 14.484 | 14.473 | 14.612 | HH | 421002 | 6435880 | 33.74% | 1.003% |
| 169    | 14.618 | 14.612 | 14.635 | HH | 20264  | 279253  | 1.46%  | 0.044% |
| 170    | 14.653 | 14.635 | 14.703 | HH | 21543  | 847157  | 4.44%  | 0.132% |
| 171    | 14.776 | 14.703 | 14.798 | HH | 21518  | 1186679 | 6.22%  | 0.185% |
| 172    | 14.861 | 14.798 | 14.958 | HH | 45346  | 2656499 | 13.93% | 0.414% |
| 173    | 15.001 | 14.958 | 15.025 | HH | 27479  | 998388  | 5.23%  | 0.156% |
| 174    | 15.051 | 15.025 | 15.079 | HH | 34493  | 954929  | 5.01%  | 0.149% |
| 175    | 15.112 | 15.079 | 15.145 | HH | 27176  | 1031382 | 5.41%  | 0.161% |
| 176    | 15.299 | 15.145 | 15.344 | HH | 29585  | 3284496 | 17.22% | 0.512% |
| 177    | 15.384 | 15.344 | 15.405 | HH | 30588  | 1078957 | 5.66%  | 0.168% |
| 178    | 15.501 | 15.405 | 15.538 | HH | 370487 | 6966610 | 36.52% | 1.086% |
| 179    | 15.559 | 15.538 | 15.607 | HH | 37967  | 1418931 | 7.44%  | 0.221% |
| 180    | 15.621 | 15.607 | 15.631 | HH | 33582  | 489808  | 2.57%  | 0.076% |
| 181    | 15.673 | 15.631 | 15.688 | HH | 36071  | 1190752 | 6.24%  | 0.186% |
| 182    | 15.697 | 15.688 | 15.709 | HH | 35816  | 447090  | 2.34%  | 0.070% |
| 183    | 15.805 | 15.709 | 15.842 | HH | 39059  | 2965711 | 15.55% | 0.462% |
| 184    | 15.880 | 15.842 | 15.943 | HH | 43614  | 2498610 | 13.10% | 0.389% |
| 185    | 15.980 | 15.943 | 15.994 | HH | 423380 | 5947277 | 31.18% | 0.927% |
| 186    | 16.009 | 15.994 | 16.096 | HH | 395857 | 7672344 | 40.22% | 1.196% |
| 187    | 16.107 | 16.096 | 16.130 | HH | 48316  | 955275  | 5.01%  | 0.149% |
| 188    | 16.151 | 16.130 | 16.192 | HH | 48841  | 1753647 | 9.19%  | 0.273% |
| 189    | 16.217 | 16.192 | 16.235 | HH | 47789  | 1225648 | 6.43%  | 0.191% |
| 190    | 16.277 | 16.235 | 16.288 | HH | 49815  | 1561067 | 8.18%  | 0.243% |
| 191    | 16.313 | 16.288 | 16.335 | HH | 55687  | 1433408 | 7.51%  | 0.223% |
| 192    | 16.360 | 16.335 | 16.413 | HH | 342914 | 6760991 | 35.44% | 1.054% |
| 193    | 16.445 | 16.413 | 16.488 | HH | 396578 | 7170190 | 37.59% | 1.117% |
| 194    | 16.516 | 16.488 | 16.562 | HH | 63620  | 2604076 | 13.65% | 0.406% |

|     |        |        |        |    | rteres |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 195 | 16.612 | 16.562 | 16.624 | HH | 60764  | 2205556  | 11.56% | 0.344% |
| 196 | 16.646 | 16.624 | 16.681 | HH | 63329  | 2049240  | 10.74% | 0.319% |
| 197 | 16.727 | 16.681 | 16.745 | HH | 64959  | 2388600  | 12.52% | 0.372% |
| 198 | 16.809 | 16.745 | 16.858 | HH | 70104  | 4429112  | 23.22% | 0.690% |
| 199 | 16.891 | 16.858 | 16.922 | HH | 85287  | 2800797  | 14.68% | 0.436% |
| 200 | 16.929 | 16.922 | 16.942 | HH | 70281  | 848021   | 4.45%  | 0.132% |
| 201 | 16.963 | 16.942 | 17.005 | HH | 72613  | 2654049  | 13.91% | 0.414% |
| 202 | 17.039 | 17.005 | 17.081 | HH | 74583  | 3240353  | 16.99% | 0.505% |
| 203 | 17.099 | 17.081 | 17.111 | HH | 71592  | 1275086  | 6.68%  | 0.199% |
| 204 | 17.166 | 17.111 | 17.175 | HH | 75055  | 2821319  | 14.79% | 0.440% |
| 205 | 17.198 | 17.175 | 17.213 | HH | 77964  | 1743521  | 9.14%  | 0.272% |
| 206 | 17.235 | 17.213 | 17.244 | HH | 77066  | 1422709  | 7.46%  | 0.222% |
| 207 | 17.274 | 17.244 | 17.286 | HH | 83219  | 1986984  | 10.42% | 0.310% |
| 208 | 17.330 | 17.286 | 17.382 | HH | 408084 | 8986190  | 47.11% | 1.400% |
| 209 | 17.427 | 17.382 | 17.525 | HH | 98439  | 7500825  | 39.32% | 1.169% |
| 210 | 17.546 | 17.525 | 17.561 | HH | 85209  | 1816489  | 9.52%  | 0.283% |
| 211 | 17.651 | 17.561 | 17.663 | HH | 94012  | 5533072  | 29.01% | 0.862% |
| 212 | 17.687 | 17.663 | 17.718 | HH | 99144  | 3159847  | 16.57% | 0.492% |
| 213 | 17.745 | 17.718 | 17.756 | HH | 299947 | 4643933  | 24.35% | 0.724% |
| 214 | 17.769 | 17.756 | 17.856 | HH | 321036 | 10486226 | 54.97% | 1.634% |
| 215 | 17.866 | 17.856 | 17.903 | HH | 108879 | 3012482  | 15.79% | 0.469% |
| 216 | 17.932 | 17.903 | 17.967 | HH | 106315 | 4030942  | 21.13% | 0.628% |
| 217 | 17.995 | 17.967 | 18.091 | HH | 242637 | 10589877 | 55.52% | 1.650% |
| 218 | 18.157 | 18.091 | 18.192 | HH | 432392 | 11346035 | 59.48% | 1.768% |
| 219 | 18.218 | 18.192 | 18.234 | HH | 122205 | 2987231  | 15.66% | 0.466% |
| 220 | 18.261 | 18.234 | 18.285 | HH | 128242 | 3697718  | 19.39% | 0.576% |
| 221 | 18.298 | 18.285 | 18.318 | HH | 118569 | 2287632  | 11.99% | 0.356% |
| 222 | 18.334 | 18.318 | 18.352 | HH | 115936 | 2284655  | 11.98% | 0.356% |
| 223 | 18.405 | 18.352 | 18.420 | HH | 120851 | 4823523  | 25.29% | 0.752% |
| 224 | 18.439 | 18.420 | 18.451 | HH | 120563 | 2195436  | 11.51% | 0.342% |
| 225 | 18.510 | 18.451 | 18.525 | HH | 129566 | 5538521  | 29.04% | 0.863% |
| 226 | 18.549 | 18.525 | 18.581 | HH | 141203 | 4508478  | 23.64% | 0.703% |
| 227 | 18.610 | 18.581 | 18.629 | HH | 130502 | 3660720  | 19.19% | 0.570% |
| 228 | 18.642 | 18.629 | 18.665 | HH | 129333 | 2754829  | 14.44% | 0.429% |
| 229 | 18.722 | 18.665 | 18.732 | HH | 132365 | 5159803  | 27.05% | 0.804% |
| 230 | 18.753 | 18.732 | 18.768 | HH | 133383 | 2900588  | 15.21% | 0.452% |
| 231 | 18.807 | 18.768 | 18.828 | HH | 136485 | 4832044  | 25.33% | 0.753% |
| 232 | 18.838 | 18.828 | 18.845 | HH | 134660 | 1340296  | 7.03%  | 0.209% |
| 233 | 18.852 | 18.845 | 18.871 | HH | 133754 | 2070120  | 10.85% | 0.323% |
| 234 | 18.939 | 18.871 | 18.968 | HH | 422252 | 12157944 | 63.74% | 1.895% |
| 235 | 18.979 | 18.968 | 18.995 | HH | 146100 | 2307861  | 12.10% | 0.360% |
| 236 | 19.043 | 18.995 | 19.072 | HH | 152141 | 6646066  | 34.84% | 1.036% |
| 237 | 19.119 | 19.072 | 19.141 | HH | 150129 | 6114314  | 32.05% | 0.953% |
| 238 | 19.165 | 19.141 | 19.176 | HH | 149061 | 3005020  | 15.75% | 0.468% |
| 239 | 19.240 | 19.176 | 19.278 | HH | 155028 | 9208061  | 48.27% | 1.435% |
| 240 | 19.315 | 19.278 | 19.402 | HH | 166719 | 11843938 | 62.09% | 1.846% |
| 241 | 19.445 | 19.402 | 19.479 | HH | 162795 | 7452265  | 39.07% | 1.161% |
| 242 | 19.544 | 19.479 | 19.572 | HH | 167129 | 9103040  | 47.72% | 1.419% |
| 243 | 19.589 | 19.572 | 19.627 | HH | 169121 | 5554216  | 29.12% | 0.866% |
| 244 | 19.675 | 19.627 | 19.740 | HH | 431477 | 15545937 | 81.50% | 2.423% |
| 245 | 19.753 | 19.740 | 19.757 | HH | 178785 | 1790336  | 9.39%  | 0.279% |
| 246 | 19.782 | 19.757 | 19.795 | HH | 182005 | 4090583  | 21.44% | 0.637% |

|     |        |        |        |    | rt     | er       |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 247 | 19.848 | 19.795 | 19.862 | HH | 184871 | 7264845  | 38.09%  | 1.132% |
| 248 | 19.878 | 19.862 | 19.889 | HH | 184600 | 3011724  | 15.79%  | 0.469% |
| 249 | 19.909 | 19.889 | 19.919 | HH | 185978 | 3370673  | 17.67%  | 0.525% |
| 250 | 19.985 | 19.919 | 19.996 | HH | 188292 | 8506000  | 44.59%  | 1.326% |
| 251 | 20.027 | 19.996 | 20.042 | HH | 195120 | 5329980  | 27.94%  | 0.831% |
| 252 | 20.050 | 20.042 | 20.072 | HH | 195354 | 3347970  | 17.55%  | 0.522% |
| 253 | 20.116 | 20.072 | 20.128 | HH | 199322 | 6558580  | 34.38%  | 1.022% |
| 254 | 20.147 | 20.128 | 20.159 | HH | 200156 | 3669130  | 19.24%  | 0.572% |
| 255 | 20.180 | 20.159 | 20.192 | HH | 201822 | 3970442  | 20.82%  | 0.619% |
| 256 | 20.223 | 20.192 | 20.236 | HH | 203442 | 5310461  | 27.84%  | 0.828% |
| 257 | 20.244 | 20.236 | 20.269 | HH | 200917 | 3929314  | 20.60%  | 0.612% |
| 258 | 20.283 | 20.269 | 20.295 | HH | 200448 | 3103398  | 16.27%  | 0.484% |
| 259 | 20.372 | 20.295 | 20.423 | HH | 424995 | 19074877 | 100.00% | 2.973% |
| 260 | 20.438 | 20.423 | 20.468 | HH | 210244 | 5546391  | 29.08%  | 0.864% |
| 261 | 20.481 | 20.468 | 20.495 | HH | 207385 | 3329982  | 17.46%  | 0.519% |
| 262 | 20.506 | 20.495 | 20.545 | HH | 203446 | 5968469  | 31.29%  | 0.930% |
| 263 | 20.555 | 20.545 | 20.579 | HH | 198784 | 4023880  | 21.10%  | 0.627% |
| 264 | 20.603 | 20.579 | 20.612 | HH | 199681 | 3848915  | 20.18%  | 0.600% |
| 265 | 20.621 | 20.612 | 20.631 | HH | 197999 | 2257069  | 11.83%  | 0.352% |
| 266 | 20.655 | 20.631 | 20.676 | HH | 200040 | 5326551  | 27.92%  | 0.830% |
| 267 | 20.684 | 20.676 | 20.709 | HH | 197985 | 3990266  | 20.92%  | 0.622% |
| 268 | 20.727 | 20.709 | 20.763 | HH | 201636 | 6372103  | 33.41%  | 0.993% |
| 269 | 20.775 | 20.763 | 20.799 | HH | 194417 | 4083902  | 21.41%  | 0.636% |
| 270 | 20.820 | 20.799 | 20.851 | HH | 194123 | 6024331  | 31.58%  | 0.939% |
| 271 | 20.867 | 20.851 | 20.891 | HH | 192347 | 4626920  | 24.26%  | 0.721% |
| 272 | 20.915 | 20.891 | 20.952 | HH | 191136 | 6861993  | 35.97%  | 1.069% |
| 273 | 20.958 | 20.952 | 20.990 | HH | 190452 | 4356002  | 22.84%  | 0.679% |
| 274 | 21.012 | 20.990 | 21.092 | HH | 187816 | 11320545 | 59.35%  | 1.764% |
| 275 | 21.139 | 21.092 | 21.235 | HH | 312163 | 18340924 | 96.15%  | 2.858% |

Sum of corrected areas: 641706585

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