

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012820AL\  
 Data File : FD032206.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Jan 2020 14:14  
 Sample : L1007-04DL 2X  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 010620.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         | 3.614       | 3.571        | 3.706      | BV       | 288            | 5861         | 0.05%          | 0.006%        |
| 2         | 3.714       | 3.706        | 3.889      | PV       | 188            | 5407         | 0.05%          | 0.005%        |
| 3         | 3.897       | 3.889        | 3.956      | PV       | 182            | 4210         | 0.04%          | 0.004%        |
| 4         | 3.981       | 3.956        | 4.006      | PV       | 2510           | 22085        | 0.21%          | 0.022%        |
| 5         | 4.018       | 4.006        | 4.065      | VV       | 501            | 5800         | 0.05%          | 0.006%        |
| 6         | 4.075       | 4.065        | 4.141      | VV       | 111            | 2085         | 0.02%          | 0.002%        |
| 7         | 4.163       | 4.141        | 4.372      | PV       | 1275           | 15948        | 0.15%          | 0.016%        |
| 8         | 4.389       | 4.372        | 4.425      | PV       | 234            | 2730         | 0.03%          | 0.003%        |
| 9         | 4.432       | 4.425        | 4.523      | VV       | 139            | 5612         | 0.05%          | 0.006%        |
| 10        | 4.538       | 4.523        | 4.578      | VV       | 385            | 4551         | 0.04%          | 0.005%        |
| 11        | 4.592       | 4.578        | 4.601      | VV       | 140            | 1686         | 0.02%          | 0.002%        |
| 12        | 4.615       | 4.601        | 4.635      | VV       | 308            | 3440         | 0.03%          | 0.003%        |
| 13        | 4.643       | 4.635        | 4.659      | VV       | 163            | 1645         | 0.02%          | 0.002%        |
| 14        | 4.675       | 4.659        | 4.698      | PV       | 187            | 2298         | 0.02%          | 0.002%        |
| 15        | 4.724       | 4.698        | 4.752      | VV       | 432            | 6281         | 0.06%          | 0.006%        |
| 16        | 4.767       | 4.752        | 4.831      | VV       | 178            | 4410         | 0.04%          | 0.004%        |
| 17        | 4.859       | 4.831        | 4.908      | VV       | 292            | 5247         | 0.05%          | 0.005%        |
| 18        | 4.919       | 4.908        | 4.969      | PV       | 140            | 2482         | 0.02%          | 0.002%        |
| 19        | 4.977       | 4.969        | 5.007      | VV       | 79             | 2422         | 0.02%          | 0.002%        |
| 20        | 5.029       | 5.007        | 5.056      | VV       | 309            | 5463         | 0.05%          | 0.005%        |
| 21        | 5.079       | 5.056        | 5.094      | VV       | 200            | 3165         | 0.03%          | 0.003%        |
| 22        | 5.107       | 5.094        | 5.116      | VV       | 305            | 2804         | 0.03%          | 0.003%        |
| 23        | 5.130       | 5.116        | 5.151      | VV       | 567            | 6355         | 0.06%          | 0.006%        |
| 24        | 5.157       | 5.151        | 5.175      | VV       | 227            | 1661         | 0.02%          | 0.002%        |
| 25        | 5.188       | 5.175        | 5.209      | PV       | 133            | 1229         | 0.01%          | 0.001%        |
| 26        | 5.242       | 5.209        | 5.270      | VV       | 744            | 10184        | 0.09%          | 0.010%        |
| 27        | 5.294       | 5.270        | 5.358      | VV       | 385            | 9476         | 0.09%          | 0.009%        |
| 28        | 5.374       | 5.358        | 5.398      | VV       | 235            | 3061         | 0.03%          | 0.003%        |
| 29        | 5.424       | 5.398        | 5.439      | PV       | 1421           | 15592        | 0.15%          | 0.016%        |
| 30        | 5.452       | 5.439        | 5.478      | VV       | 1230           | 15608        | 0.15%          | 0.016%        |
| 31        | 5.492       | 5.478        | 5.567      | VV       | 424            | 6720         | 0.06%          | 0.007%        |
| 32        | 5.610       | 5.567        | 5.629      | VV       | 1172           | 13456        | 0.13%          | 0.013%        |
| 33        | 5.639       | 5.629        | 5.664      | VV       | 366            | 3847         | 0.04%          | 0.004%        |
| 34        | 5.707       | 5.664        | 5.748      | VV       | 1314           | 25583        | 0.24%          | 0.026%        |
| 35        | 5.760       | 5.748        | 5.781      | VV       | 594            | 7160         | 0.07%          | 0.007%        |
| 36        | 5.797       | 5.781        | 5.855      | VV       | 1338           | 24619        | 0.23%          | 0.025%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 37 | 5.875 | 5.855 | 5.901 | PV | 818    | 10350   | 0.10%  | 0.010% |
| 38 | 5.920 | 5.901 | 5.947 | VV | 808    | 13644   | 0.13%  | 0.014% |
| 39 | 5.972 | 5.947 | 5.995 | VV | 1336   | 19319   | 0.18%  | 0.019% |
| 40 | 6.018 | 5.995 | 6.045 | VV | 1054   | 16895   | 0.16%  | 0.017% |
| 41 | 6.061 | 6.045 | 6.083 | VV | 1051   | 11281   | 0.10%  | 0.011% |
| 42 | 6.118 | 6.083 | 6.136 | PV | 1288   | 27174   | 0.25%  | 0.027% |
| 43 | 6.151 | 6.136 | 6.174 | VV | 900    | 14601   | 0.14%  | 0.015% |
| 44 | 6.189 | 6.174 | 6.213 | VV | 1122   | 14715   | 0.14%  | 0.015% |
| 45 | 6.241 | 6.213 | 6.267 | VV | 1441   | 22971   | 0.21%  | 0.023% |
| 46 | 6.283 | 6.267 | 6.297 | VV | 464    | 5863    | 0.05%  | 0.006% |
| 47 | 6.339 | 6.297 | 6.367 | VV | 2389   | 36413   | 0.34%  | 0.036% |
| 48 | 6.401 | 6.367 | 6.450 | VV | 7071   | 94634   | 0.88%  | 0.094% |
| 49 | 6.463 | 6.450 | 6.474 | VV | 321    | 3095    | 0.03%  | 0.003% |
| 50 | 6.491 | 6.474 | 6.501 | VV | 614    | 6369    | 0.06%  | 0.006% |
| 51 | 6.518 | 6.501 | 6.535 | VV | 1106   | 16992   | 0.16%  | 0.017% |
| 52 | 6.550 | 6.535 | 6.568 | VV | 2978   | 33948   | 0.32%  | 0.034% |
| 53 | 6.600 | 6.568 | 6.637 | VV | 1682   | 35883   | 0.33%  | 0.036% |
| 54 | 6.680 | 6.637 | 6.700 | VV | 3444   | 50667   | 0.47%  | 0.051% |
| 55 | 6.739 | 6.700 | 6.770 | PV | 2162   | 45841   | 0.43%  | 0.046% |
| 56 | 6.802 | 6.770 | 6.827 | VV | 9278   | 106800  | 0.99%  | 0.107% |
| 57 | 6.839 | 6.827 | 6.848 | VV | 850    | 8466    | 0.08%  | 0.008% |
| 58 | 6.870 | 6.848 | 6.885 | VV | 1694   | 25667   | 0.24%  | 0.026% |
| 59 | 6.918 | 6.885 | 6.940 | VV | 3319   | 62694   | 0.58%  | 0.063% |
| 60 | 6.960 | 6.940 | 6.983 | VV | 4757   | 60944   | 0.57%  | 0.061% |
| 61 | 7.029 | 6.983 | 7.048 | VV | 6238   | 117945  | 1.10%  | 0.118% |
| 62 | 7.059 | 7.048 | 7.085 | VV | 2793   | 37172   | 0.35%  | 0.037% |
| 63 | 7.103 | 7.085 | 7.145 | VV | 5335   | 83820   | 0.78%  | 0.084% |
| 64 | 7.161 | 7.145 | 7.186 | VV | 2469   | 41088   | 0.38%  | 0.041% |
| 65 | 7.203 | 7.186 | 7.220 | VV | 2258   | 29132   | 0.27%  | 0.029% |
| 66 | 7.238 | 7.220 | 7.265 | VV | 1271   | 30744   | 0.29%  | 0.031% |
| 67 | 7.322 | 7.265 | 7.349 | VV | 22932  | 385844  | 3.59%  | 0.385% |
| 68 | 7.365 | 7.349 | 7.388 | VV | 3575   | 63455   | 0.59%  | 0.063% |
| 69 | 7.394 | 7.388 | 7.431 | VV | 2840   | 54292   | 0.51%  | 0.054% |
| 70 | 7.443 | 7.431 | 7.466 | VV | 1386   | 23682   | 0.22%  | 0.024% |
| 71 | 7.496 | 7.466 | 7.534 | VV | 8257   | 155961  | 1.45%  | 0.156% |
| 72 | 7.550 | 7.534 | 7.569 | VV | 3227   | 42142   | 0.39%  | 0.042% |
| 73 | 7.592 | 7.569 | 7.604 | VV | 2073   | 29152   | 0.27%  | 0.029% |
| 74 | 7.633 | 7.604 | 7.674 | VV | 307289 | 3005395 | 27.96% | 2.999% |
| 75 | 7.687 | 7.674 | 7.728 | VV | 3619   | 95069   | 0.88%  | 0.095% |
| 76 | 7.751 | 7.728 | 7.764 | VV | 4681   | 78170   | 0.73%  | 0.078% |
| 77 | 7.775 | 7.764 | 7.785 | VV | 4609   | 53032   | 0.49%  | 0.053% |
| 78 | 7.797 | 7.785 | 7.816 | VV | 5229   | 71601   | 0.67%  | 0.071% |
| 79 | 7.840 | 7.816 | 7.862 | VV | 6516   | 99602   | 0.93%  | 0.099% |
| 80 | 7.887 | 7.862 | 7.906 | VV | 7088   | 105595  | 0.98%  | 0.105% |
| 81 | 7.927 | 7.906 | 7.936 | VV | 8872   | 109534  | 1.02%  | 0.109% |
| 82 | 7.946 | 7.936 | 7.971 | VV | 8996   | 111052  | 1.03%  | 0.111% |
| 83 | 8.012 | 7.971 | 8.053 | VV | 10715  | 211072  | 1.96%  | 0.211% |
| 84 | 8.069 | 8.053 | 8.085 | VV | 2573   | 46542   | 0.43%  | 0.046% |
| 85 | 8.120 | 8.085 | 8.134 | VV | 7229   | 159059  | 1.48%  | 0.159% |
| 86 | 8.144 | 8.134 | 8.157 | VV | 5871   | 73443   | 0.68%  | 0.073% |
| 87 | 8.190 | 8.157 | 8.218 | VV | 35482  | 520538  | 4.84%  | 0.519% |
| 88 | 8.246 | 8.218 | 8.268 | VV | 9652   | 191641  | 1.78%  | 0.191% |
| 89 | 8.295 | 8.268 | 8.319 | VV | 6141   | 140959  | 1.31%  | 0.141% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.354  | 8.319  | 8.366  | VV | 6115   | 120759  | 1.12%  | 0.120% |
| 91  | 8.378  | 8.366  | 8.392  | VV | 6186   | 76139   | 0.71%  | 0.076% |
| 92  | 8.412  | 8.392  | 8.450  | VV | 8761   | 171761  | 1.60%  | 0.171% |
| 93  | 8.561  | 8.531  | 8.575  | VV | 6465   | 143050  | 1.33%  | 0.143% |
| 94  | 8.609  | 8.575  | 8.618  | VV | 7041   | 155334  | 1.45%  | 0.155% |
| 95  | 8.634  | 8.618  | 8.660  | VV | 8599   | 174464  | 1.62%  | 0.174% |
| 96  | 8.678  | 8.660  | 8.698  | VV | 7298   | 137323  | 1.28%  | 0.137% |
| 97  | 8.723  | 8.698  | 8.750  | VV | 16438  | 273733  | 2.55%  | 0.273% |
| 98  | 8.778  | 8.750  | 8.818  | VV | 7276   | 198123  | 1.84%  | 0.198% |
| 99  | 8.833  | 8.818  | 8.857  | VV | 6012   | 117821  | 1.10%  | 0.118% |
| 100 | 8.872  | 8.857  | 8.893  | VV | 5770   | 101534  | 0.94%  | 0.101% |
| 101 | 8.902  | 8.893  | 8.920  | VV | 3823   | 59755   | 0.56%  | 0.060% |
| 102 | 8.950  | 8.920  | 8.972  | VV | 6886   | 167445  | 1.56%  | 0.167% |
| 103 | 9.157  | 9.122  | 9.177  | VV | 5974   | 150687  | 1.40%  | 0.150% |
| 104 | 9.211  | 9.177  | 9.223  | VV | 5262   | 116885  | 1.09%  | 0.117% |
| 105 | 9.240  | 9.223  | 9.258  | VV | 6906   | 107863  | 1.00%  | 0.108% |
| 106 | 9.267  | 9.258  | 9.278  | VV | 4511   | 51584   | 0.48%  | 0.051% |
| 107 | 9.293  | 9.278  | 9.310  | VV | 6689   | 103392  | 0.96%  | 0.103% |
| 108 | 9.334  | 9.310  | 9.360  | VV | 23239  | 336327  | 3.13%  | 0.336% |
| 109 | 9.383  | 9.360  | 9.413  | VV | 11650  | 250954  | 2.33%  | 0.250% |
| 110 | 9.426  | 9.413  | 9.437  | VV | 6423   | 86425   | 0.80%  | 0.086% |
| 111 | 9.465  | 9.437  | 9.489  | VV | 9442   | 221652  | 2.06%  | 0.221% |
| 112 | 9.513  | 9.489  | 9.533  | VV | 8940   | 166052  | 1.54%  | 0.166% |
| 113 | 9.564  | 9.533  | 9.592  | VV | 8522   | 216072  | 2.01%  | 0.216% |
| 114 | 9.617  | 9.592  | 9.640  | VV | 5673   | 127296  | 1.18%  | 0.127% |
| 115 | 9.657  | 9.640  | 9.680  | VV | 4272   | 98428   | 0.92%  | 0.098% |
| 116 | 9.741  | 9.680  | 9.761  | VV | 8764   | 303546  | 2.82%  | 0.303% |
| 117 | 9.784  | 9.761  | 9.836  | VV | 49938  | 695621  | 6.47%  | 0.694% |
| 118 | 9.862  | 9.836  | 9.875  | VV | 5103   | 110938  | 1.03%  | 0.111% |
| 119 | 9.887  | 9.875  | 9.935  | VV | 5245   | 138099  | 1.28%  | 0.138% |
| 120 | 9.958  | 9.935  | 9.985  | VV | 5544   | 124597  | 1.16%  | 0.124% |
| 121 | 9.995  | 9.985  | 10.007 | VV | 3573   | 45849   | 0.43%  | 0.046% |
| 122 | 10.032 | 10.007 | 10.041 | VV | 3955   | 74841   | 0.70%  | 0.075% |
| 123 | 10.057 | 10.041 | 10.077 | VV | 4615   | 86485   | 0.80%  | 0.086% |
| 124 | 10.129 | 10.077 | 10.144 | VV | 7297   | 203102  | 1.89%  | 0.203% |
| 125 | 10.171 | 10.144 | 10.200 | VV | 20163  | 368869  | 3.43%  | 0.368% |
| 126 | 10.222 | 10.200 | 10.240 | VV | 8438   | 157169  | 1.46%  | 0.157% |
| 127 | 10.259 | 10.240 | 10.280 | VV | 8877   | 157228  | 1.46%  | 0.157% |
| 128 | 10.315 | 10.280 | 10.344 | VV | 8804   | 220697  | 2.05%  | 0.220% |
| 129 | 10.363 | 10.344 | 10.378 | VV | 4208   | 75411   | 0.70%  | 0.075% |
| 130 | 10.425 | 10.378 | 10.443 | VV | 5874   | 179808  | 1.67%  | 0.179% |
| 131 | 10.453 | 10.443 | 10.482 | VV | 5093   | 108350  | 1.01%  | 0.108% |
| 132 | 10.520 | 10.482 | 10.543 | VV | 47325  | 665002  | 6.19%  | 0.664% |
| 133 | 10.570 | 10.543 | 10.622 | VV | 183038 | 2344341 | 21.81% | 2.339% |
| 134 | 10.639 | 10.622 | 10.673 | VV | 5935   | 145122  | 1.35%  | 0.145% |
| 135 | 10.730 | 10.673 | 10.748 | VV | 4765   | 174311  | 1.62%  | 0.174% |
| 136 | 10.791 | 10.748 | 10.818 | VV | 9932   | 244797  | 2.28%  | 0.244% |
| 137 | 10.846 | 10.818 | 10.878 | VV | 7563   | 213038  | 1.98%  | 0.213% |
| 138 | 10.910 | 10.878 | 10.953 | VV | 8755   | 268914  | 2.50%  | 0.268% |
| 139 | 10.973 | 10.953 | 11.006 | VV | 7066   | 152995  | 1.42%  | 0.153% |
| 140 | 11.024 | 11.006 | 11.047 | VV | 6512   | 113587  | 1.06%  | 0.113% |
| 141 | 11.077 | 11.047 | 11.103 | VV | 4297   | 116139  | 1.08%  | 0.116% |

|     |        |        |        |    | rteres |          |         |         |
|-----|--------|--------|--------|----|--------|----------|---------|---------|
| 142 | 11.134 | 11.103 | 11.148 | VV | 4079   | 95406    | 0.89%   | 0.095%  |
| 143 | 11.161 | 11.148 | 11.190 | VV | 4245   | 98963    | 0.92%   | 0.099%  |
| 144 | 11.220 | 11.190 | 11.254 | VV | 41907  | 571809   | 5.32%   | 0.571%  |
| 145 | 11.265 | 11.254 | 11.282 | VV | 5213   | 79804    | 0.74%   | 0.080%  |
| 146 | 11.311 | 11.282 | 11.355 | VV | 15018  | 308899   | 2.87%   | 0.308%  |
| 147 | 11.376 | 11.355 | 11.394 | VV | 3318   | 68322    | 0.64%   | 0.068%  |
| 148 | 11.417 | 11.394 | 11.438 | VV | 3759   | 79997    | 0.74%   | 0.080%  |
| 149 | 11.459 | 11.438 | 11.472 | VV | 3275   | 60785    | 0.57%   | 0.061%  |
| 150 | 11.538 | 11.472 | 11.589 | VV | 220945 | 2633664  | 24.50%  | 2.628%  |
| 151 | 11.614 | 11.589 | 11.637 | VV | 6513   | 148478   | 1.38%   | 0.148%  |
| 152 | 11.653 | 11.637 | 11.678 | VV | 5831   | 106953   | 1.00%   | 0.107%  |
| 153 | 11.703 | 11.678 | 11.733 | VV | 5514   | 137052   | 1.28%   | 0.137%  |
| 154 | 11.776 | 11.733 | 11.804 | VV | 11450  | 226749   | 2.11%   | 0.226%  |
| 155 | 11.822 | 11.804 | 11.841 | VV | 3187   | 62967    | 0.59%   | 0.063%  |
| 156 | 11.888 | 11.841 | 11.912 | VV | 33474  | 515519   | 4.80%   | 0.514%  |
| 157 | 11.940 | 11.912 | 12.033 | VV | 241432 | 2902593  | 27.00%  | 2.896%  |
| 158 | 12.040 | 12.033 | 12.061 | VV | 2167   | 30892    | 0.29%   | 0.031%  |
| 159 | 12.091 | 12.061 | 12.107 | VV | 2533   | 58428    | 0.54%   | 0.058%  |
| 160 | 12.131 | 12.107 | 12.208 | VV | 21214  | 372819   | 3.47%   | 0.372%  |
| 161 | 12.222 | 12.208 | 12.235 | VV | 2874   | 41717    | 0.39%   | 0.042%  |
| 162 | 12.268 | 12.235 | 12.283 | VV | 3557   | 85333    | 0.79%   | 0.085%  |
| 163 | 12.299 | 12.283 | 12.331 | VV | 4737   | 86324    | 0.80%   | 0.086%  |
| 164 | 12.352 | 12.331 | 12.384 | VV | 3677   | 84260    | 0.78%   | 0.084%  |
| 165 | 12.404 | 12.384 | 12.427 | VV | 5323   | 84103    | 0.78%   | 0.084%  |
| 166 | 12.466 | 12.427 | 12.488 | VV | 2886   | 75680    | 0.70%   | 0.076%  |
| 167 | 12.526 | 12.488 | 12.553 | VV | 27858  | 375837   | 3.50%   | 0.375%  |
| 168 | 12.581 | 12.553 | 12.630 | VV | 6236   | 132608   | 1.23%   | 0.132%  |
| 169 | 12.643 | 12.630 | 12.654 | VV | 1330   | 17016    | 0.16%   | 0.017%  |
| 170 | 12.672 | 12.654 | 12.696 | VV | 1423   | 27843    | 0.26%   | 0.028%  |
| 171 | 12.712 | 12.696 | 12.727 | VV | 803    | 12849    | 0.12%   | 0.013%  |
| 172 | 12.742 | 12.727 | 12.756 | VV | 939    | 13107    | 0.12%   | 0.013%  |
| 173 | 12.780 | 12.756 | 12.801 | VV | 2440   | 44740    | 0.42%   | 0.045%  |
| 174 | 12.830 | 12.801 | 12.858 | VV | 4609   | 90993    | 0.85%   | 0.091%  |
| 175 | 12.883 | 12.858 | 12.907 | VV | 5821   | 96234    | 0.90%   | 0.096%  |
| 176 | 12.962 | 12.907 | 12.993 | VV | 553711 | 9230891  | 85.88%  | 9.211%  |
| 177 | 13.019 | 12.993 | 13.096 | VV | 801408 | 10748676 | 100.00% | 10.725% |
| 178 | 13.143 | 13.096 | 13.166 | VV | 25201  | 474634   | 4.42%   | 0.474%  |
| 179 | 13.192 | 13.166 | 13.265 | VV | 92644  | 1692610  | 15.75%  | 1.689%  |
| 180 | 13.279 | 13.265 | 13.329 | VV | 4967   | 104620   | 0.97%   | 0.104%  |
| 181 | 13.363 | 13.329 | 13.399 | VV | 5158   | 123975   | 1.15%   | 0.124%  |
| 182 | 13.411 | 13.399 | 13.427 | VV | 2657   | 38392    | 0.36%   | 0.038%  |
| 183 | 13.482 | 13.427 | 13.509 | VV | 26423  | 401419   | 3.73%   | 0.401%  |
| 184 | 13.520 | 13.509 | 13.539 | VV | 2186   | 32674    | 0.30%   | 0.033%  |
| 185 | 13.558 | 13.539 | 13.575 | VV | 3223   | 48921    | 0.46%   | 0.049%  |
| 186 | 13.594 | 13.575 | 13.611 | VV | 4741   | 64816    | 0.60%   | 0.065%  |
| 187 | 13.621 | 13.611 | 13.647 | VV | 2374   | 37389    | 0.35%   | 0.037%  |
| 188 | 13.665 | 13.647 | 13.687 | VV | 1753   | 27050    | 0.25%   | 0.027%  |
| 189 | 13.720 | 13.687 | 13.742 | VV | 16455  | 243240   | 2.26%   | 0.243%  |
| 190 | 13.762 | 13.742 | 13.801 | VV | 6657   | 148844   | 1.38%   | 0.149%  |
| 191 | 13.830 | 13.801 | 13.872 | VV | 7374   | 154707   | 1.44%   | 0.154%  |
| 192 | 13.880 | 13.872 | 13.898 | PV | 83     | 1139     | 0.01%   | 0.001%  |
| 193 | 13.945 | 13.898 | 13.954 | VV | 2324   | 42783    | 0.40%   | 0.043%  |
| 194 | 13.980 | 13.954 | 14.008 | VV | 15767  | 318758   | 2.97%   | 0.318%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 14.019 | 14.008 | 14.047 | VV | 13732  | 194700 | 1.81% | 0.194% |
| 196 | 14.071 | 14.047 | 14.095 | VV | 3608   | 82890  | 0.77% | 0.083% |
| 197 | 14.126 | 14.095 | 14.145 | VV | 6672   | 121504 | 1.13% | 0.121% |
| 198 | 14.171 | 14.145 | 14.225 | VV | 16546  | 325994 | 3.03% | 0.325% |
| 199 | 14.236 | 14.225 | 14.251 | VV | 1864   | 24534  | 0.23% | 0.024% |
| 200 | 14.278 | 14.251 | 14.302 | VV | 14802  | 224273 | 2.09% | 0.224% |
| 201 | 14.335 | 14.302 | 14.368 | VV | 18003  | 290247 | 2.70% | 0.290% |
| 202 | 14.394 | 14.368 | 14.421 | VV | 7216   | 109333 | 1.02% | 0.109% |
| 203 | 14.446 | 14.421 | 14.467 | VV | 5982   | 80572  | 0.75% | 0.080% |
| 204 | 14.487 | 14.467 | 14.521 | VV | 1560   | 26863  | 0.25% | 0.027% |
| 205 | 14.536 | 14.521 | 14.547 | VV | 411    | 3169   | 0.03% | 0.003% |
| 206 | 14.565 | 14.547 | 14.586 | VV | 801    | 9138   | 0.09% | 0.009% |
| 207 | 14.605 | 14.586 | 14.640 | VV | 684    | 11469  | 0.11% | 0.011% |
| 208 | 14.662 | 14.640 | 14.689 | VV | 970    | 15662  | 0.15% | 0.016% |
| 209 | 14.709 | 14.689 | 14.717 | PV | 798    | 8408   | 0.08% | 0.008% |
| 210 | 14.748 | 14.717 | 14.762 | VV | 1510   | 32495  | 0.30% | 0.032% |
| 211 | 14.815 | 14.762 | 14.850 | VV | 11817  | 258152 | 2.40% | 0.258% |
| 212 | 14.873 | 14.850 | 14.888 | VV | 755    | 11103  | 0.10% | 0.011% |
| 213 | 14.907 | 14.888 | 14.925 | VV | 831    | 14754  | 0.14% | 0.015% |
| 214 | 14.956 | 14.925 | 14.991 | VV | 1089   | 24689  | 0.23% | 0.025% |
| 215 | 15.009 | 14.991 | 15.039 | PV | 559    | 8126   | 0.08% | 0.008% |
| 216 | 15.066 | 15.039 | 15.100 | VV | 630    | 14128  | 0.13% | 0.014% |
| 217 | 15.125 | 15.100 | 15.141 | VV | 1059   | 17394  | 0.16% | 0.017% |
| 218 | 15.163 | 15.141 | 15.177 | VV | 2141   | 29560  | 0.28% | 0.029% |
| 219 | 15.200 | 15.177 | 15.283 | VV | 8171   | 153603 | 1.43% | 0.153% |
| 220 | 15.297 | 15.283 | 15.311 | VV | 378    | 4864   | 0.05% | 0.005% |
| 221 | 15.337 | 15.311 | 15.368 | VV | 7781   | 107647 | 1.00% | 0.107% |
| 222 | 15.395 | 15.368 | 15.446 | VV | 8670   | 144647 | 1.35% | 0.144% |
| 223 | 15.465 | 15.446 | 15.497 | VV | 936    | 18453  | 0.17% | 0.018% |
| 224 | 15.521 | 15.497 | 15.538 | PV | 812    | 13951  | 0.13% | 0.014% |
| 225 | 15.559 | 15.538 | 15.574 | VV | 1013   | 19273  | 0.18% | 0.019% |
| 226 | 15.594 | 15.574 | 15.621 | VV | 1157   | 25305  | 0.24% | 0.025% |
| 227 | 15.658 | 15.621 | 15.688 | VV | 1067   | 29231  | 0.27% | 0.029% |
| 228 | 15.720 | 15.688 | 15.738 | VV | 1329   | 29668  | 0.28% | 0.030% |
| 229 | 15.757 | 15.738 | 15.787 | VV | 960    | 23924  | 0.22% | 0.024% |
| 230 | 15.836 | 15.787 | 15.874 | VV | 9603   | 162811 | 1.51% | 0.162% |
| 231 | 15.895 | 15.874 | 15.916 | VV | 1490   | 29710  | 0.28% | 0.030% |
| 232 | 15.952 | 15.916 | 15.966 | VV | 899    | 25064  | 0.23% | 0.025% |
| 233 | 16.006 | 15.966 | 16.021 | VV | 5441   | 91847  | 0.85% | 0.092% |
| 234 | 16.041 | 16.021 | 16.101 | VV | 8573   | 190236 | 1.77% | 0.190% |
| 235 | 16.132 | 16.101 | 16.159 | VV | 2278   | 64291  | 0.60% | 0.064% |
| 236 | 16.215 | 16.159 | 16.259 | VV | 2928   | 133689 | 1.24% | 0.133% |
| 237 | 16.317 | 16.259 | 16.351 | VV | 11111  | 225542 | 2.10% | 0.225% |
| 238 | 16.378 | 16.351 | 16.418 | VV | 5067   | 127563 | 1.19% | 0.127% |
| 239 | 16.438 | 16.418 | 16.460 | VV | 3174   | 69670  | 0.65% | 0.070% |
| 240 | 16.482 | 16.460 | 16.511 | VV | 3151   | 87407  | 0.81% | 0.087% |
| 241 | 16.527 | 16.511 | 16.561 | VV | 3215   | 84028  | 0.78% | 0.084% |
| 242 | 16.628 | 16.561 | 16.644 | VV | 6606   | 189314 | 1.76% | 0.189% |
| 243 | 16.666 | 16.644 | 16.724 | VV | 10334  | 248792 | 2.31% | 0.248% |
| 244 | 16.782 | 16.724 | 16.806 | VV | 13384  | 302629 | 2.82% | 0.302% |
| 245 | 16.829 | 16.806 | 16.861 | VV | 5802   | 167296 | 1.56% | 0.167% |
| 246 | 16.878 | 16.861 | 16.904 | VV | 4511   | 105091 | 0.98% | 0.105% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 17.026 | 16.904 | 17.054 | VV | 5400  | 411406  | 3.83%  | 0.411% |
| 248    | 17.073 | 17.054 | 17.084 | VV | 5083  | 86834   | 0.81%  | 0.087% |
| 249    | 17.102 | 17.084 | 17.110 | VV | 5509  | 80229   | 0.75%  | 0.080% |
| 250    | 17.121 | 17.110 | 17.135 | VV | 5391  | 78725   | 0.73%  | 0.079% |
|        |        |        |        |    |       |         |        |        |
| 251    | 17.232 | 17.135 | 17.258 | VV | 15572 | 550044  | 5.12%  | 0.549% |
| 252    | 17.273 | 17.258 | 17.285 | VV | 5862  | 92445   | 0.86%  | 0.092% |
| 253    | 17.300 | 17.285 | 17.315 | VV | 5968  | 106628  | 0.99%  | 0.106% |
| 254    | 17.351 | 17.315 | 17.375 | VV | 6898  | 226247  | 2.10%  | 0.226% |
| 255    | 17.408 | 17.375 | 17.426 | VV | 6885  | 192972  | 1.80%  | 0.193% |
|        |        |        |        |    |       |         |        |        |
| 256    | 17.445 | 17.426 | 17.458 | VV | 5993  | 113615  | 1.06%  | 0.113% |
| 257    | 17.510 | 17.458 | 17.541 | VV | 6976  | 316248  | 2.94%  | 0.316% |
| 258    | 17.574 | 17.541 | 17.587 | VV | 7546  | 192827  | 1.79%  | 0.192% |
| 259    | 17.607 | 17.587 | 17.621 | VV | 7559  | 148646  | 1.38%  | 0.148% |
| 260    | 17.667 | 17.621 | 17.699 | VV | 19797 | 523846  | 4.87%  | 0.523% |
|        |        |        |        |    |       |         |        |        |
| 261    | 17.760 | 17.699 | 17.771 | VV | 7689  | 320558  | 2.98%  | 0.320% |
| 262    | 17.815 | 17.771 | 17.878 | VV | 13363 | 634781  | 5.91%  | 0.633% |
| 263    | 17.940 | 17.878 | 17.964 | VV | 9861  | 470301  | 4.38%  | 0.469% |
| 264    | 17.991 | 17.964 | 18.002 | VV | 10601 | 226457  | 2.11%  | 0.226% |
| 265    | 18.029 | 18.002 | 18.061 | VV | 13363 | 420466  | 3.91%  | 0.420% |
|        |        |        |        |    |       |         |        |        |
| 266    | 18.088 | 18.061 | 18.118 | VV | 20501 | 493251  | 4.59%  | 0.492% |
| 267    | 18.183 | 18.118 | 18.201 | VV | 15352 | 600583  | 5.59%  | 0.599% |
| 268    | 18.214 | 18.201 | 18.242 | VV | 12939 | 301346  | 2.80%  | 0.301% |
| 269    | 18.299 | 18.242 | 18.315 | VV | 12813 | 536842  | 4.99%  | 0.536% |
| 270    | 18.352 | 18.315 | 18.375 | VV | 13001 | 450841  | 4.19%  | 0.450% |
|        |        |        |        |    |       |         |        |        |
| 271    | 18.399 | 18.375 | 18.419 | VV | 13349 | 347039  | 3.23%  | 0.346% |
| 272    | 18.496 | 18.419 | 18.536 | VV | 24896 | 1110610 | 10.33% | 1.108% |
| 273    | 18.606 | 18.536 | 18.628 | VV | 18035 | 830449  | 7.73%  | 0.829% |
| 274    | 18.651 | 18.628 | 18.693 | VV | 17990 | 630790  | 5.87%  | 0.629% |
| 275    | 18.702 | 18.693 | 18.718 | VV | 15274 | 226238  | 2.10%  | 0.226% |
|        |        |        |        |    |       |         |        |        |
| 276    | 18.781 | 18.718 | 18.817 | VV | 16780 | 967358  | 9.00%  | 0.965% |
| 277    | 18.858 | 18.817 | 18.868 | VV | 19718 | 564707  | 5.25%  | 0.563% |
| 278    | 18.892 | 18.868 | 18.916 | VV | 26462 | 634443  | 5.90%  | 0.633% |
| 279    | 18.932 | 18.916 | 18.965 | VV | 19933 | 548955  | 5.11%  | 0.548% |
| 280    | 19.005 | 18.965 | 19.032 | VV | 21009 | 804820  | 7.49%  | 0.803% |
|        |        |        |        |    |       |         |        |        |
| 281    | 19.055 | 19.032 | 19.075 | VV | 20657 | 517818  | 4.82%  | 0.517% |
| 282    | 19.091 | 19.075 | 19.105 | VV | 20632 | 373340  | 3.47%  | 0.373% |
| 283    | 19.142 | 19.105 | 19.152 | VV | 21490 | 581293  | 5.41%  | 0.580% |
| 284    | 19.277 | 19.152 | 19.299 | VV | 30847 | 2069189 | 19.25% | 2.065% |
| 285    | 19.312 | 19.299 | 19.346 | VV | 25556 | 690567  | 6.42%  | 0.689% |
|        |        |        |        |    |       |         |        |        |
| 286    | 19.402 | 19.346 | 19.430 | VV | 26389 | 1262689 | 11.75% | 1.260% |
| 287    | 19.471 | 19.430 | 19.491 | VV | 26126 | 927567  | 8.63%  | 0.926% |
| 288    | 19.561 | 19.491 | 19.593 | VV | 28621 | 1671314 | 15.55% | 1.668% |
| 289    | 19.650 | 19.593 | 19.678 | VV | 35666 | 1569910 | 14.61% | 1.566% |
| 290    | 19.703 | 19.678 | 19.730 | VV | 31041 | 944354  | 8.79%  | 0.942% |
|        |        |        |        |    |       |         |        |        |
| 291    | 19.809 | 19.730 | 19.855 | VV | 33484 | 2378415 | 22.13% | 2.373% |
| 292    | 19.927 | 19.855 | 19.947 | VV | 36174 | 1877878 | 17.47% | 1.874% |
| 293    | 20.015 | 19.947 | 20.061 | VV | 42468 | 2584549 | 24.05% | 2.579% |
| 294    | 20.085 | 20.061 | 20.096 | VV | 39678 | 810245  | 7.54%  | 0.808% |
| 295    | 20.102 | 20.096 | 20.108 | VV | 39115 | 273076  | 2.54%  | 0.272% |
|        |        |        |        |    |       |         |        |        |
| 296    | 20.277 | 20.108 | 20.318 | VV | 45406 | 5329156 | 49.58% | 5.317% |
| 297    | 20.366 | 20.318 | 20.409 | VV | 51341 | 2564667 | 23.86% | 2.559% |
| 298    | 20.441 | 20.409 | 20.491 | VV | 51230 | 2381430 | 22.16% | 2.376% |

Sum of corrected areas: 100219846

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