

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012720AL\  
 Data File : FD032178.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Jan 2020 19:59  
 Sample : L1007-09  
 Misc :  
 ALS Vial : 61 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         | 3.333       | 3.305        | 3.604      | BV       | 244            | 3388         | 0.03%          | 0.003%        |
| 2         | 3.619       | 3.604        | 3.644      | PV       | 709            | 6561         | 0.07%          | 0.005%        |
| 3         | 3.654       | 3.644        | 3.692      | PV       | 209            | 1987         | 0.02%          | 0.002%        |
| 4         | 3.700       | 3.692        | 3.890      | VV       | 194            | 4650         | 0.05%          | 0.004%        |
| 5         | 3.897       | 3.890        | 3.968      | PV       | 73             | 3280         | 0.03%          | 0.003%        |
| 6         | 3.984       | 3.968        | 4.008      | PV       | 6916           | 56545        | 0.57%          | 0.044%        |
| 7         | 4.019       | 4.008        | 4.154      | VV       | 1288           | 21350        | 0.22%          | 0.017%        |
| 8         | 4.166       | 4.154        | 4.181      | VV       | 378            | 4456         | 0.04%          | 0.003%        |
| 9         | 4.192       | 4.181        | 4.328      | VV       | 600            | 12062        | 0.12%          | 0.009%        |
| 10        | 4.337       | 4.328        | 4.378      | PV       | 196            | 2517         | 0.03%          | 0.002%        |
| 11        | 4.395       | 4.378        | 4.421      | VV       | 299            | 3405         | 0.03%          | 0.003%        |
| 12        | 4.435       | 4.421        | 4.461      | VV       | 176            | 2668         | 0.03%          | 0.002%        |
| 13        | 4.467       | 4.461        | 4.485      | VV       | 123            | 1878         | 0.02%          | 0.001%        |
| 14        | 4.495       | 4.485        | 4.528      | VV       | 236            | 3233         | 0.03%          | 0.003%        |
| 15        | 4.543       | 4.528        | 4.585      | VV       | 661            | 7655         | 0.08%          | 0.006%        |
| 16        | 4.614       | 4.585        | 4.638      | VV       | 291            | 4770         | 0.05%          | 0.004%        |
| 17        | 4.647       | 4.638        | 4.668      | VV       | 229            | 1625         | 0.02%          | 0.001%        |
| 18        | 4.678       | 4.668        | 4.712      | PV       | 219            | 3259         | 0.03%          | 0.003%        |
| 19        | 4.730       | 4.712        | 4.755      | VV       | 532            | 6441         | 0.06%          | 0.005%        |
| 20        | 4.766       | 4.755        | 4.798      | PV       | 277            | 3160         | 0.03%          | 0.002%        |
| 21        | 4.805       | 4.798        | 4.858      | VV       | 175            | 3773         | 0.04%          | 0.003%        |
| 22        | 4.869       | 4.858        | 4.901      | VV       | 264            | 3208         | 0.03%          | 0.003%        |
| 23        | 4.918       | 4.901        | 4.935      | PV       | 189            | 2105         | 0.02%          | 0.002%        |
| 24        | 4.953       | 4.935        | 5.001      | VV       | 159            | 5063         | 0.05%          | 0.004%        |
| 25        | 5.018       | 5.001        | 5.075      | VV       | 248            | 6137         | 0.06%          | 0.005%        |
| 26        | 5.089       | 5.075        | 5.101      | VV       | 252            | 2687         | 0.03%          | 0.002%        |
| 27        | 5.112       | 5.101        | 5.124      | VV       | 296            | 2516         | 0.03%          | 0.002%        |
| 28        | 5.136       | 5.124        | 5.151      | VV       | 357            | 3411         | 0.03%          | 0.003%        |
| 29        | 5.162       | 5.151        | 5.214      | VV       | 203            | 3200         | 0.03%          | 0.003%        |
| 30        | 5.248       | 5.214        | 5.275      | PV       | 1043           | 11806        | 0.12%          | 0.009%        |
| 31        | 5.285       | 5.275        | 5.310      | VV       | 214            | 3284         | 0.03%          | 0.003%        |
| 32        | 5.321       | 5.310        | 5.355      | VV       | 406            | 4511         | 0.05%          | 0.004%        |
| 33        | 5.381       | 5.355        | 5.400      | PV       | 219            | 3070         | 0.03%          | 0.002%        |
| 34        | 5.430       | 5.400        | 5.443      | VV       | 728            | 8447         | 0.09%          | 0.007%        |
| 35        | 5.457       | 5.443        | 5.486      | VV       | 662            | 11695        | 0.12%          | 0.009%        |
| 36        | 5.497       | 5.486        | 5.515      | VV       | 378            | 3567         | 0.04%          | 0.003%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 5.532 | 5.515 | 5.573 | VV | 149    | 3002   | 0.03% | 0.002% |
| 38 | 5.613 | 5.573 | 5.634 | PV | 662    | 8670   | 0.09% | 0.007% |
| 39 | 5.645 | 5.634 | 5.674 | VV | 226    | 3513   | 0.04% | 0.003% |
| 40 | 5.710 | 5.674 | 5.751 | VV | 384    | 11155  | 0.11% | 0.009% |
| 41 | 5.765 | 5.751 | 5.784 | VV | 294    | 2790   | 0.03% | 0.002% |
| 42 | 5.801 | 5.784 | 5.813 | VV | 468    | 4529   | 0.05% | 0.004% |
| 43 | 5.822 | 5.813 | 5.858 | VV | 245    | 5534   | 0.06% | 0.004% |
| 44 | 5.879 | 5.858 | 5.903 | VV | 434    | 5821   | 0.06% | 0.005% |
| 45 | 5.927 | 5.903 | 5.948 | PV | 474    | 8260   | 0.08% | 0.006% |
| 46 | 5.978 | 5.948 | 6.015 | VV | 2429   | 38691  | 0.39% | 0.030% |
| 47 | 6.023 | 6.015 | 6.058 | VV | 620    | 9324   | 0.09% | 0.007% |
| 48 | 6.068 | 6.058 | 6.095 | VV | 427    | 4435   | 0.04% | 0.003% |
| 49 | 6.125 | 6.095 | 6.145 | VV | 797    | 14586  | 0.15% | 0.011% |
| 50 | 6.156 | 6.145 | 6.180 | VV | 576    | 9028   | 0.09% | 0.007% |
| 51 | 6.196 | 6.180 | 6.223 | VV | 540    | 8336   | 0.08% | 0.007% |
| 52 | 6.248 | 6.223 | 6.272 | VV | 896    | 13631  | 0.14% | 0.011% |
| 53 | 6.287 | 6.272 | 6.303 | VV | 360    | 4415   | 0.04% | 0.003% |
| 54 | 6.342 | 6.303 | 6.375 | VV | 1014   | 17559  | 0.18% | 0.014% |
| 55 | 6.406 | 6.375 | 6.461 | VV | 3139   | 44869  | 0.45% | 0.035% |
| 56 | 6.470 | 6.461 | 6.477 | VV | 153    | 1259   | 0.01% | 0.001% |
| 57 | 6.495 | 6.477 | 6.505 | VV | 283    | 3566   | 0.04% | 0.003% |
| 58 | 6.526 | 6.505 | 6.539 | VV | 698    | 9722   | 0.10% | 0.008% |
| 59 | 6.555 | 6.539 | 6.586 | VV | 1465   | 19637  | 0.20% | 0.015% |
| 60 | 6.605 | 6.586 | 6.641 | VV | 888    | 16294  | 0.16% | 0.013% |
| 61 | 6.683 | 6.641 | 6.704 | VV | 1534   | 24785  | 0.25% | 0.019% |
| 62 | 6.742 | 6.704 | 6.776 | PV | 1219   | 24728  | 0.25% | 0.019% |
| 63 | 6.806 | 6.776 | 6.830 | VV | 3299   | 38916  | 0.39% | 0.030% |
| 64 | 6.843 | 6.830 | 6.849 | VV | 407    | 3164   | 0.03% | 0.002% |
| 65 | 6.873 | 6.849 | 6.890 | VV | 951    | 16671  | 0.17% | 0.013% |
| 66 | 6.923 | 6.890 | 6.945 | VV | 1652   | 31939  | 0.32% | 0.025% |
| 67 | 6.965 | 6.945 | 6.987 | VV | 2288   | 27889  | 0.28% | 0.022% |
| 68 | 7.032 | 6.987 | 7.051 | VV | 2532   | 50990  | 0.51% | 0.040% |
| 69 | 7.064 | 7.051 | 7.087 | VV | 1225   | 16284  | 0.16% | 0.013% |
| 70 | 7.107 | 7.087 | 7.148 | VV | 2581   | 37463  | 0.38% | 0.029% |
| 71 | 7.165 | 7.148 | 7.188 | VV | 1271   | 18886  | 0.19% | 0.015% |
| 72 | 7.206 | 7.188 | 7.224 | VV | 1068   | 13744  | 0.14% | 0.011% |
| 73 | 7.236 | 7.224 | 7.270 | VV | 603    | 11980  | 0.12% | 0.009% |
| 74 | 7.327 | 7.270 | 7.354 | VV | 11077  | 177064 | 1.78% | 0.138% |
| 75 | 7.369 | 7.354 | 7.388 | VV | 1463   | 22078  | 0.22% | 0.017% |
| 76 | 7.400 | 7.388 | 7.438 | VV | 1338   | 25744  | 0.26% | 0.020% |
| 77 | 7.449 | 7.438 | 7.473 | VV | 442    | 7374   | 0.07% | 0.006% |
| 78 | 7.500 | 7.473 | 7.538 | VV | 4129   | 73199  | 0.74% | 0.057% |
| 79 | 7.554 | 7.538 | 7.573 | VV | 1482   | 16946  | 0.17% | 0.013% |
| 80 | 7.597 | 7.573 | 7.607 | PV | 837    | 8962   | 0.09% | 0.007% |
| 81 | 7.691 | 7.679 | 7.734 | VV | 1959   | 56159  | 0.57% | 0.044% |
| 82 | 7.754 | 7.734 | 7.768 | VV | 2538   | 40968  | 0.41% | 0.032% |
| 83 | 7.779 | 7.768 | 7.789 | VV | 2249   | 25561  | 0.26% | 0.020% |
| 84 | 7.801 | 7.789 | 7.820 | VV | 2381   | 32161  | 0.32% | 0.025% |
| 85 | 7.843 | 7.820 | 7.865 | VV | 2951   | 41666  | 0.42% | 0.033% |
| 86 | 7.891 | 7.865 | 7.910 | VV | 3334   | 44896  | 0.45% | 0.035% |
| 87 | 7.930 | 7.910 | 7.939 | VV | 4109   | 46750  | 0.47% | 0.037% |
| 88 | 7.950 | 7.939 | 7.976 | VV | 4357   | 51703  | 0.52% | 0.040% |
| 89 | 8.016 | 7.976 | 8.055 | VV | 5304   | 84989  | 0.86% | 0.066% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.075  | 8.055  | 8.085  | VV | 998    | 15130  | 0.15% | 0.012% |
| 91  | 8.123  | 8.085  | 8.138  | VV | 3817   | 79261  | 0.80% | 0.062% |
| 92  | 8.148  | 8.138  | 8.161  | VV | 2868   | 35151  | 0.35% | 0.027% |
| 93  | 8.193  | 8.161  | 8.222  | VV | 19766  | 273171 | 2.75% | 0.213% |
| 94  | 8.252  | 8.222  | 8.276  | VV | 21836  | 257277 | 2.59% | 0.201% |
| 95  | 8.302  | 8.276  | 8.324  | VV | 4501   | 74527  | 0.75% | 0.058% |
| 96  | 8.357  | 8.324  | 8.370  | VV | 3108   | 50925  | 0.51% | 0.040% |
| 97  | 8.382  | 8.370  | 8.396  | VV | 3105   | 34054  | 0.34% | 0.027% |
| 98  | 8.416  | 8.396  | 8.454  | VV | 4770   | 76865  | 0.77% | 0.060% |
| 99  | 8.598  | 8.578  | 8.622  | VV | 4314   | 96105  | 0.97% | 0.075% |
| 100 | 8.638  | 8.622  | 8.664  | VV | 4257   | 87874  | 0.88% | 0.069% |
| 101 | 8.681  | 8.664  | 8.700  | VV | 3597   | 62395  | 0.63% | 0.049% |
| 102 | 8.726  | 8.700  | 8.753  | VV | 9612   | 146638 | 1.48% | 0.115% |
| 103 | 8.781  | 8.753  | 8.819  | VV | 3592   | 81591  | 0.82% | 0.064% |
| 104 | 8.836  | 8.819  | 8.854  | VV | 2959   | 47236  | 0.48% | 0.037% |
| 105 | 8.872  | 8.854  | 8.895  | VV | 3066   | 53926  | 0.54% | 0.042% |
| 106 | 8.907  | 8.895  | 8.920  | VV | 1499   | 19422  | 0.20% | 0.015% |
| 107 | 8.952  | 8.920  | 8.973  | VV | 3302   | 72553  | 0.73% | 0.057% |
| 108 | 9.011  | 8.973  | 9.077  | VV | 30016  | 435906 | 4.39% | 0.341% |
| 109 | 9.097  | 9.077  | 9.123  | VV | 2902   | 54070  | 0.54% | 0.042% |
| 110 | 9.158  | 9.123  | 9.179  | VV | 2901   | 60302  | 0.61% | 0.047% |
| 111 | 9.212  | 9.179  | 9.225  | VV | 2227   | 43435  | 0.44% | 0.034% |
| 112 | 9.242  | 9.225  | 9.259  | VV | 3467   | 47478  | 0.48% | 0.037% |
| 113 | 9.268  | 9.259  | 9.277  | VV | 1745   | 16963  | 0.17% | 0.013% |
| 114 | 9.295  | 9.277  | 9.318  | VV | 3729   | 58564  | 0.59% | 0.046% |
| 115 | 9.339  | 9.318  | 9.357  | VV | 2678   | 49902  | 0.50% | 0.039% |
| 116 | 9.384  | 9.357  | 9.415  | VV | 7550   | 154179 | 1.55% | 0.120% |
| 117 | 9.428  | 9.415  | 9.439  | VV | 3236   | 38417  | 0.39% | 0.030% |
| 118 | 9.467  | 9.439  | 9.491  | VV | 5447   | 121900 | 1.23% | 0.095% |
| 119 | 9.515  | 9.491  | 9.536  | VV | 5190   | 87082  | 0.88% | 0.068% |
| 120 | 9.567  | 9.536  | 9.595  | VV | 4888   | 105472 | 1.06% | 0.082% |
| 121 | 9.617  | 9.595  | 9.642  | VV | 1937   | 41447  | 0.42% | 0.032% |
| 122 | 9.667  | 9.642  | 9.681  | VV | 1393   | 30428  | 0.31% | 0.024% |
| 123 | 9.700  | 9.681  | 9.712  | VV | 2625   | 37317  | 0.38% | 0.029% |
| 124 | 9.742  | 9.712  | 9.765  | VV | 4922   | 107450 | 1.08% | 0.084% |
| 125 | 9.787  | 9.765  | 9.837  | VV | 35830  | 446595 | 4.50% | 0.349% |
| 126 | 9.865  | 9.837  | 9.875  | VV | 2262   | 43969  | 0.44% | 0.034% |
| 127 | 9.889  | 9.875  | 9.934  | VV | 2456   | 47725  | 0.48% | 0.037% |
| 128 | 9.959  | 9.934  | 9.991  | VV | 2563   | 46458  | 0.47% | 0.036% |
| 129 | 10.000 | 9.991  | 10.009 | VV | 985    | 9415   | 0.09% | 0.007% |
| 130 | 10.059 | 10.009 | 10.078 | VV | 1810   | 48055  | 0.48% | 0.038% |
| 131 | 10.132 | 10.078 | 10.147 | VV | 3958   | 90132  | 0.91% | 0.070% |
| 132 | 10.174 | 10.147 | 10.202 | VV | 13680  | 221700 | 2.23% | 0.173% |
| 133 | 10.224 | 10.202 | 10.242 | VV | 5080   | 79324  | 0.80% | 0.062% |
| 134 | 10.260 | 10.242 | 10.281 | VV | 5569   | 85556  | 0.86% | 0.067% |
| 135 | 10.317 | 10.281 | 10.346 | VV | 5090   | 106892 | 1.08% | 0.084% |
| 136 | 10.368 | 10.346 | 10.401 | VV | 1824   | 41629  | 0.42% | 0.033% |
| 137 | 10.427 | 10.401 | 10.484 | VV | 3157   | 102958 | 1.04% | 0.080% |
| 138 | 10.522 | 10.484 | 10.555 | VV | 35932  | 466611 | 4.70% | 0.365% |
| 139 | 10.594 | 10.555 | 10.622 | VV | 13539  | 262447 | 2.64% | 0.205% |
| 140 | 10.640 | 10.622 | 10.685 | VV | 2974   | 67739  | 0.68% | 0.053% |
| 141 | 10.736 | 10.685 | 10.748 | VV | 1679   | 43515  | 0.44% | 0.034% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.772 | 10.748 | 10.817 | VV | 16143  | 220575  | 2.22%   | 0.172% |
| 143 | 10.847 | 10.817 | 10.881 | VV | 8656   | 154852  | 1.56%   | 0.121% |
| 144 | 10.912 | 10.881 | 10.955 | VV | 5076   | 123787  | 1.25%   | 0.097% |
| 145 | 10.975 | 10.955 | 11.007 | VV | 3629   | 58483   | 0.59%   | 0.046% |
| 146 | 11.027 | 11.007 | 11.045 | VV | 3170   | 39564   | 0.40%   | 0.031% |
| 147 | 11.078 | 11.045 | 11.105 | VV | 1860   | 37144   | 0.37%   | 0.029% |
| 148 | 11.132 | 11.105 | 11.145 | VV | 1237   | 20828   | 0.21%   | 0.016% |
| 149 | 11.162 | 11.145 | 11.195 | VV | 1645   | 39092   | 0.39%   | 0.031% |
| 150 | 11.222 | 11.195 | 11.277 | VV | 30694  | 402262  | 4.05%   | 0.314% |
| 151 | 11.312 | 11.277 | 11.351 | VV | 10723  | 187966  | 1.89%   | 0.147% |
| 152 | 11.372 | 11.351 | 11.394 | VV | 1182   | 18328   | 0.18%   | 0.014% |
| 153 | 11.422 | 11.394 | 11.445 | VV | 2107   | 31930   | 0.32%   | 0.025% |
| 154 | 11.462 | 11.445 | 11.490 | VV | 1204   | 24643   | 0.25%   | 0.019% |
| 155 | 11.541 | 11.490 | 11.589 | VV | 492299 | 5520703 | 55.59%  | 4.315% |
| 156 | 11.610 | 11.589 | 11.632 | VV | 8763   | 146411  | 1.47%   | 0.114% |
| 157 | 11.655 | 11.632 | 11.675 | VV | 9475   | 150556  | 1.52%   | 0.118% |
| 158 | 11.688 | 11.675 | 11.711 | VV | 4630   | 80531   | 0.81%   | 0.063% |
| 159 | 11.718 | 11.711 | 11.735 | VV | 3513   | 37783   | 0.38%   | 0.030% |
| 160 | 11.751 | 11.735 | 11.763 | VV | 3930   | 46684   | 0.47%   | 0.036% |
| 161 | 11.778 | 11.763 | 11.802 | VV | 4802   | 59077   | 0.59%   | 0.046% |
| 162 | 11.824 | 11.802 | 11.841 | VV | 1034   | 14222   | 0.14%   | 0.011% |
| 163 | 11.889 | 11.841 | 11.915 | VV | 25144  | 357655  | 3.60%   | 0.280% |
| 164 | 11.940 | 11.915 | 11.968 | VV | 101769 | 1207747 | 12.16%  | 0.944% |
| 165 | 11.979 | 11.968 | 12.009 | VV | 3328   | 51989   | 0.52%   | 0.041% |
| 166 | 12.040 | 12.009 | 12.059 | VV | 1842   | 26794   | 0.27%   | 0.021% |
| 167 | 12.139 | 12.059 | 12.204 | PV | 90288  | 1154896 | 11.63%  | 0.903% |
| 168 | 12.243 | 12.204 | 12.284 | VV | 14216  | 238195  | 2.40%   | 0.186% |
| 169 | 12.300 | 12.284 | 12.335 | VV | 3173   | 70855   | 0.71%   | 0.055% |
| 170 | 12.355 | 12.335 | 12.387 | VV | 3592   | 68886   | 0.69%   | 0.054% |
| 171 | 12.406 | 12.387 | 12.429 | VV | 3104   | 47028   | 0.47%   | 0.037% |
| 172 | 12.459 | 12.429 | 12.489 | VV | 25011  | 337101  | 3.39%   | 0.263% |
| 173 | 12.527 | 12.489 | 12.558 | VV | 22528  | 308313  | 3.10%   | 0.241% |
| 174 | 12.583 | 12.558 | 12.631 | VV | 42155  | 530060  | 5.34%   | 0.414% |
| 175 | 12.645 | 12.631 | 12.656 | PV | 625    | 4807    | 0.05%   | 0.004% |
| 176 | 12.683 | 12.656 | 12.694 | VV | 974    | 14641   | 0.15%   | 0.011% |
| 177 | 12.712 | 12.694 | 12.727 | VV | 1407   | 19941   | 0.20%   | 0.016% |
| 178 | 12.741 | 12.727 | 12.754 | VV | 1256   | 15368   | 0.15%   | 0.012% |
| 179 | 12.780 | 12.754 | 12.804 | VV | 3837   | 65384   | 0.66%   | 0.051% |
| 180 | 12.828 | 12.804 | 12.854 | VV | 3343   | 55048   | 0.55%   | 0.043% |
| 181 | 12.881 | 12.854 | 12.903 | VV | 38135  | 430012  | 4.33%   | 0.336% |
| 182 | 12.969 | 12.903 | 12.994 | VV | 442206 | 9180326 | 92.45%  | 7.175% |
| 183 | 13.019 | 12.994 | 13.106 | VV | 777014 | 9930411 | 100.00% | 7.761% |
| 184 | 13.157 | 13.106 | 13.173 | VV | 85426  | 1328286 | 13.38%  | 1.038% |
| 185 | 13.214 | 13.173 | 13.265 | VV | 171750 | 3513564 | 35.38%  | 2.746% |
| 186 | 13.279 | 13.265 | 13.296 | VV | 4706   | 64388   | 0.65%   | 0.050% |
| 187 | 13.304 | 13.296 | 13.321 | VV | 2742   | 32713   | 0.33%   | 0.026% |
| 188 | 13.366 | 13.321 | 13.396 | VV | 18574  | 319829  | 3.22%   | 0.250% |
| 189 | 13.413 | 13.396 | 13.426 | VV | 2503   | 38419   | 0.39%   | 0.030% |
| 190 | 13.481 | 13.426 | 13.507 | VV | 17518  | 327448  | 3.30%   | 0.256% |
| 191 | 13.519 | 13.507 | 13.525 | VV | 2169   | 19667   | 0.20%   | 0.015% |
| 192 | 13.549 | 13.525 | 13.565 | VV | 5881   | 96926   | 0.98%   | 0.076% |
| 193 | 13.587 | 13.565 | 13.634 | VV | 9385   | 212193  | 2.14%   | 0.166% |
| 194 | 13.661 | 13.634 | 13.685 | VV | 3625   | 64485   | 0.65%   | 0.050% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.721 | 13.685 | 13.752 | VV | 15771  | 296892 | 2.99% | 0.232% |
| 196 | 13.767 | 13.752 | 13.808 | VV | 8538   | 182429 | 1.84% | 0.143% |
| 197 | 13.834 | 13.808 | 13.878 | VV | 3760   | 77358  | 0.78% | 0.060% |
| 198 | 13.944 | 13.878 | 13.955 | PV | 2492   | 53601  | 0.54% | 0.042% |
| 199 | 13.980 | 13.955 | 14.002 | VV | 19062  | 273916 | 2.76% | 0.214% |
| 200 | 14.018 | 14.002 | 14.045 | VV | 8512   | 130942 | 1.32% | 0.102% |
| 201 | 14.075 | 14.045 | 14.092 | VV | 3834   | 73423  | 0.74% | 0.057% |
| 202 | 14.125 | 14.092 | 14.144 | VV | 8124   | 154614 | 1.56% | 0.121% |
| 203 | 14.172 | 14.144 | 14.191 | VV | 21585  | 318826 | 3.21% | 0.249% |
| 204 | 14.200 | 14.191 | 14.251 | VV | 8115   | 134636 | 1.36% | 0.105% |
| 205 | 14.279 | 14.251 | 14.309 | VV | 13333  | 198807 | 2.00% | 0.155% |
| 206 | 14.337 | 14.309 | 14.363 | VV | 22581  | 325262 | 3.28% | 0.254% |
| 207 | 14.381 | 14.363 | 14.420 | VV | 4224   | 95388  | 0.96% | 0.075% |
| 208 | 14.443 | 14.420 | 14.465 | VV | 8750   | 103892 | 1.05% | 0.081% |
| 209 | 14.498 | 14.465 | 14.520 | VV | 3256   | 56972  | 0.57% | 0.045% |
| 210 | 14.536 | 14.520 | 14.544 | PV | 502    | 3494   | 0.04% | 0.003% |
| 211 | 14.564 | 14.544 | 14.585 | VV | 1991   | 25591  | 0.26% | 0.020% |
| 212 | 14.603 | 14.585 | 14.615 | VV | 1059   | 13018  | 0.13% | 0.010% |
| 213 | 14.626 | 14.615 | 14.650 | VV | 1147   | 12651  | 0.13% | 0.010% |
| 214 | 14.676 | 14.650 | 14.685 | VV | 1069   | 11040  | 0.11% | 0.009% |
| 215 | 14.705 | 14.685 | 14.718 | VV | 1701   | 23200  | 0.23% | 0.018% |
| 216 | 14.751 | 14.718 | 14.770 | VV | 20545  | 255398 | 2.57% | 0.200% |
| 217 | 14.792 | 14.770 | 14.810 | VV | 22254  | 298189 | 3.00% | 0.233% |
| 218 | 14.818 | 14.810 | 14.865 | VV | 9577   | 125417 | 1.26% | 0.098% |
| 219 | 14.911 | 14.865 | 14.931 | VV | 5519   | 102515 | 1.03% | 0.080% |
| 220 | 14.956 | 14.931 | 14.973 | VV | 3353   | 53783  | 0.54% | 0.042% |
| 221 | 14.992 | 14.973 | 15.031 | VV | 2033   | 40789  | 0.41% | 0.032% |
| 222 | 15.063 | 15.031 | 15.075 | PV | 2309   | 38020  | 0.38% | 0.030% |
| 223 | 15.090 | 15.075 | 15.143 | VV | 2069   | 54664  | 0.55% | 0.043% |
| 224 | 15.197 | 15.143 | 15.288 | VV | 24011  | 455057 | 4.58% | 0.356% |
| 225 | 15.299 | 15.288 | 15.307 | VV | 782    | 6514   | 0.07% | 0.005% |
| 226 | 15.337 | 15.307 | 15.366 | VV | 10409  | 152824 | 1.54% | 0.119% |
| 227 | 15.396 | 15.366 | 15.413 | VV | 13105  | 197031 | 1.98% | 0.154% |
| 228 | 15.421 | 15.413 | 15.442 | VV | 7536   | 85003  | 0.86% | 0.066% |
| 229 | 15.462 | 15.442 | 15.491 | VV | 3572   | 64039  | 0.64% | 0.050% |
| 230 | 15.587 | 15.491 | 15.628 | PV | 4486   | 153088 | 1.54% | 0.120% |
| 231 | 15.664 | 15.628 | 15.681 | VV | 1833   | 33643  | 0.34% | 0.026% |
| 232 | 15.749 | 15.681 | 15.766 | VV | 3017   | 98080  | 0.99% | 0.077% |
| 233 | 15.782 | 15.766 | 15.795 | VV | 1723   | 22737  | 0.23% | 0.018% |
| 234 | 15.836 | 15.795 | 15.881 | VV | 13669  | 253976 | 2.56% | 0.198% |
| 235 | 15.895 | 15.881 | 15.915 | VV | 2551   | 39091  | 0.39% | 0.031% |
| 236 | 15.950 | 15.915 | 15.965 | VV | 1076   | 26177  | 0.26% | 0.020% |
| 237 | 16.038 | 15.965 | 16.072 | VV | 7036   | 203954 | 2.05% | 0.159% |
| 238 | 16.089 | 16.072 | 16.097 | VV | 2987   | 37902  | 0.38% | 0.030% |
| 239 | 16.127 | 16.097 | 16.158 | VV | 6517   | 174194 | 1.75% | 0.136% |
| 240 | 16.211 | 16.158 | 16.255 | VV | 8607   | 291023 | 2.93% | 0.227% |
| 241 | 16.307 | 16.255 | 16.353 | VV | 34987  | 849795 | 8.56% | 0.664% |
| 242 | 16.381 | 16.353 | 16.399 | VV | 9596   | 190677 | 1.92% | 0.149% |
| 243 | 16.436 | 16.399 | 16.454 | VV | 11103  | 277997 | 2.80% | 0.217% |
| 244 | 16.476 | 16.454 | 16.505 | VV | 8587   | 226020 | 2.28% | 0.177% |
| 245 | 16.530 | 16.505 | 16.558 | VV | 8393   | 211265 | 2.13% | 0.165% |
| 246 | 16.625 | 16.558 | 16.648 | VV | 24512  | 597305 | 6.01% | 0.467% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.679 | 16.648 | 16.718 | VV | 29355 | 579294  | 5.83%  | 0.453% |
| 248    | 16.783 | 16.718 | 16.822 | VV | 26767 | 803619  | 8.09%  | 0.628% |
| 249    | 16.832 | 16.822 | 16.861 | VV | 15314 | 291870  | 2.94%  | 0.228% |
| 250    | 16.892 | 16.861 | 16.905 | VV | 8219  | 202351  | 2.04%  | 0.158% |
| 251    | 16.996 | 16.905 | 17.005 | VV | 11150 | 586243  | 5.90%  | 0.458% |
| 252    | 17.037 | 17.005 | 17.060 | VV | 13034 | 392983  | 3.96%  | 0.307% |
| 253    | 17.092 | 17.060 | 17.124 | VV | 12693 | 443098  | 4.46%  | 0.346% |
| 254    | 17.144 | 17.124 | 17.158 | VV | 13683 | 251870  | 2.54%  | 0.197% |
| 255    | 17.176 | 17.158 | 17.188 | VV | 15086 | 242038  | 2.44%  | 0.189% |
| 256    | 17.232 | 17.188 | 17.253 | VV | 24687 | 671236  | 6.76%  | 0.525% |
| 257    | 17.270 | 17.253 | 17.286 | VV | 15724 | 268530  | 2.70%  | 0.210% |
| 258    | 17.301 | 17.286 | 17.324 | VV | 15245 | 296577  | 2.99%  | 0.232% |
| 259    | 17.348 | 17.324 | 17.379 | VV | 16708 | 430892  | 4.34%  | 0.337% |
| 260    | 17.407 | 17.379 | 17.426 | VV | 15030 | 360895  | 3.63%  | 0.282% |
| 261    | 17.448 | 17.426 | 17.481 | VV | 11872 | 373420  | 3.76%  | 0.292% |
| 262    | 17.505 | 17.481 | 17.536 | VV | 12394 | 384418  | 3.87%  | 0.300% |
| 263    | 17.577 | 17.536 | 17.599 | VV | 16564 | 544706  | 5.49%  | 0.426% |
| 264    | 17.667 | 17.599 | 17.704 | VV | 38945 | 1340719 | 13.50% | 1.048% |
| 265    | 17.714 | 17.704 | 17.736 | VV | 13614 | 257977  | 2.60%  | 0.202% |
| 266    | 17.816 | 17.736 | 17.890 | VV | 34928 | 1799415 | 18.12% | 1.406% |
| 267    | 17.915 | 17.890 | 17.935 | VV | 15224 | 379614  | 3.82%  | 0.297% |
| 268    | 17.958 | 17.935 | 17.973 | VV | 20088 | 391740  | 3.94%  | 0.306% |
| 269    | 17.986 | 17.973 | 18.000 | VV | 18976 | 289003  | 2.91%  | 0.226% |
| 270    | 18.046 | 18.000 | 18.068 | VV | 32834 | 1022811 | 10.30% | 0.799% |
| 271    | 18.088 | 18.068 | 18.113 | VV | 32130 | 637694  | 6.42%  | 0.498% |
| 272    | 18.182 | 18.113 | 18.201 | VV | 35365 | 1117276 | 11.25% | 0.873% |
| 273    | 18.213 | 18.201 | 18.251 | VV | 23949 | 617987  | 6.22%  | 0.483% |
| 274    | 18.258 | 18.251 | 18.275 | VV | 18936 | 255437  | 2.57%  | 0.200% |
| 275    | 18.300 | 18.275 | 18.334 | VV | 33360 | 838797  | 8.45%  | 0.656% |
| 276    | 18.352 | 18.334 | 18.368 | VV | 19833 | 395115  | 3.98%  | 0.309% |
| 277    | 18.385 | 18.368 | 18.420 | VV | 20467 | 618344  | 6.23%  | 0.483% |
| 278    | 18.435 | 18.420 | 18.454 | VV | 21682 | 412177  | 4.15%  | 0.322% |
| 279    | 18.495 | 18.454 | 18.541 | VV | 35706 | 1258678 | 12.67% | 0.984% |
| 280    | 18.550 | 18.541 | 18.571 | VV | 19533 | 337837  | 3.40%  | 0.264% |
| 281    | 18.602 | 18.571 | 18.628 | VV | 33281 | 861807  | 8.68%  | 0.674% |
| 282    | 18.653 | 18.628 | 18.706 | VV | 30665 | 1083572 | 10.91% | 0.847% |
| 283    | 18.736 | 18.706 | 18.751 | VV | 22417 | 569267  | 5.73%  | 0.445% |
| 284    | 18.771 | 18.751 | 18.799 | VV | 22474 | 627188  | 6.32%  | 0.490% |
| 285    | 18.852 | 18.799 | 18.869 | VV | 29218 | 1011789 | 10.19% | 0.791% |
| 286    | 18.893 | 18.869 | 18.915 | VV | 34503 | 817365  | 8.23%  | 0.639% |
| 287    | 18.932 | 18.915 | 18.965 | VV | 31434 | 810135  | 8.16%  | 0.633% |
| 288    | 19.000 | 18.965 | 19.047 | VV | 31846 | 1341977 | 13.51% | 1.049% |
| 289    | 19.116 | 19.047 | 19.134 | VV | 27195 | 1356120 | 13.66% | 1.060% |
| 290    | 19.161 | 19.134 | 19.195 | VV | 27008 | 959483  | 9.66%  | 0.750% |
| 291    | 19.278 | 19.195 | 19.296 | VV | 37387 | 1741946 | 17.54% | 1.361% |
| 292    | 19.311 | 19.296 | 19.351 | VV | 33512 | 962345  | 9.69%  | 0.752% |
| 293    | 19.403 | 19.351 | 19.425 | VV | 33046 | 1287390 | 12.96% | 1.006% |
| 294    | 19.458 | 19.425 | 19.491 | VV | 35978 | 1291176 | 13.00% | 1.009% |
| 295    | 19.521 | 19.491 | 19.544 | VV | 36677 | 1057990 | 10.65% | 0.827% |
| 296    | 19.559 | 19.544 | 19.572 | VV | 33096 | 547323  | 5.51%  | 0.428% |
| 297    | 19.587 | 19.572 | 19.598 | VV | 32386 | 498407  | 5.02%  | 0.390% |
| 298    | 19.651 | 19.598 | 19.678 | VV | 43753 | 1797074 | 18.10% | 1.404% |
| 299    | 19.699 | 19.678 | 19.741 | VV | 39653 | 1402906 | 14.13% | 1.096% |

|     |        |        |        |    |       |                         |           |        |
|-----|--------|--------|--------|----|-------|-------------------------|-----------|--------|
|     |        |        |        |    |       | rteres                  |           |        |
| 300 | 19.833 | 19.741 | 19.862 | VV | 43548 | 2786052                 | 28.06%    | 2.177% |
| 301 | 19.926 | 19.862 | 19.953 | VV | 44663 | 2247869                 | 22.64%    | 1.757% |
| 302 | 19.966 | 19.953 | 19.992 | VV | 42637 | 958942                  | 9.66%     | 0.749% |
| 303 | 20.014 | 19.992 | 20.049 | VV | 47660 | 1456728                 | 14.67%    | 1.138% |
| 304 | 20.087 | 20.049 | 20.100 | VV | 45951 | 1296751                 | 13.06%    | 1.013% |
| 305 | 20.115 | 20.100 | 20.130 | VV | 43457 | 766165                  | 7.72%     | 0.599% |
| 306 | 20.168 | 20.130 | 20.178 | VV | 46028 | 1278695                 | 12.88%    | 0.999% |
| 307 | 20.225 | 20.178 | 20.255 | VV | 49204 | 2185939                 | 22.01%    | 1.708% |
| 308 | 20.276 | 20.255 | 20.285 | VV | 48545 | 869905                  | 8.76%     | 0.680% |
| 309 | 20.304 | 20.285 | 20.325 | VV | 48144 | 1129771                 | 11.38%    | 0.883% |
| 310 | 20.370 | 20.325 | 20.404 | VV | 55990 | 2399828                 | 24.17%    | 1.876% |
| 311 | 20.422 | 20.404 | 20.451 | VV | 50137 | 1412098                 | 14.22%    | 1.104% |
| 312 | 20.483 | 20.451 | 20.561 | VV | 51708 | 3089567                 | 31.11%    | 2.415% |
| 313 | 20.567 | 20.561 | 20.576 | VV | 39962 | 352531                  | 3.55%     | 0.276% |
| 314 | 20.586 | 20.576 | 20.617 | VV | 39842 | 962492                  | 9.69%     | 0.752% |
| 315 | 20.736 | 20.617 | 20.817 | VV | 45595 | 4704963                 | 47.38%    | 3.677% |
| 316 | 20.830 | 20.817 | 20.939 | VV | 35212 | 2141808                 | 21.57%    | 1.674% |
| 317 | 20.948 | 20.939 | 20.961 | VV | 22400 | 288028                  | 2.90%     | 0.225% |
| 318 | 21.034 | 20.961 | 21.081 | VV | 24459 | 1666368                 | 16.78%    | 1.302% |
| 319 | 21.095 | 21.081 | 21.105 | VV | 23592 | 337169                  | 3.40%     | 0.264% |
| 320 | 21.144 | 21.105 | 21.325 | VV | 27269 | 2574208                 | 25.92%    | 2.012% |
| 321 | 21.386 | 21.325 | 21.515 | VV | 14377 | 1023286                 | 10.30%    | 0.800% |
| 322 | 21.602 | 21.515 | 21.670 | PV | 7252  | 331036                  | 3.33%     | 0.259% |
|     |        |        |        |    |       | Sum of corrected areas: | 127951817 |        |

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