

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062824AL\  
 Data File : FC066688.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Jun 2024 18:35  
 Sample : P3111-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061724.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.250       | 3.204        | 3.269      | BV       | 250            | 5283         | 0.10%          | 0.004%        |
| 2         | 3.288       | 3.269        | 3.343      | VV       | 645            | 10465        | 0.21%          | 0.008%        |
| 3         | 3.355       | 3.343        | 3.375      | PV       | 242            | 2762         | 0.05%          | 0.002%        |
| 4         | 3.388       | 3.375        | 3.401      | VV       | 161            | 1757         | 0.03%          | 0.001%        |
| 5         | 3.414       | 3.401        | 3.426      | VV       | 224            | 1880         | 0.04%          | 0.001%        |
| 6         | 3.438       | 3.426        | 3.448      | VV       | 184            | 1582         | 0.03%          | 0.001%        |
| 7         | 3.481       | 3.448        | 3.506      | VV       | 349            | 6626         | 0.13%          | 0.005%        |
| 8         | 3.527       | 3.506        | 3.541      | VV       | 290            | 3375         | 0.07%          | 0.002%        |
| 9         | 3.578       | 3.541        | 3.640      | VV       | 1316           | 24418        | 0.48%          | 0.018%        |
| 10        | 3.662       | 3.640        | 3.709      | VV       | 1044           | 21624        | 0.42%          | 0.016%        |
| 11        | 3.736       | 3.709        | 3.762      | VV       | 725            | 11457        | 0.22%          | 0.008%        |
| 12        | 3.781       | 3.762        | 3.814      | VV       | 491            | 10396        | 0.20%          | 0.008%        |
| 13        | 3.830       | 3.814        | 3.849      | VV       | 620            | 6238         | 0.12%          | 0.005%        |
| 14        | 3.875       | 3.849        | 3.925      | VV       | 528            | 11272        | 0.22%          | 0.008%        |
| 15        | 3.948       | 3.925        | 3.974      | PV       | 7095           | 66818        | 1.31%          | 0.049%        |
| 16        | 3.991       | 3.974        | 4.024      | VV       | 1997           | 31560        | 0.62%          | 0.023%        |
| 17        | 4.037       | 4.024        | 4.080      | VV       | 526            | 10800        | 0.21%          | 0.008%        |
| 18        | 4.114       | 4.080        | 4.141      | VV       | 4917           | 61131        | 1.20%          | 0.045%        |
| 19        | 4.151       | 4.141        | 4.205      | VV       | 1123           | 20597        | 0.40%          | 0.015%        |
| 20        | 4.212       | 4.205        | 4.248      | VV       | 318            | 4511         | 0.09%          | 0.003%        |
| 21        | 4.272       | 4.248        | 4.287      | PV       | 281            | 3256         | 0.06%          | 0.002%        |
| 22        | 4.361       | 4.287        | 4.385      | VV       | 3087           | 40434        | 0.79%          | 0.030%        |
| 23        | 4.398       | 4.385        | 4.412      | VV       | 605            | 6220         | 0.12%          | 0.005%        |
| 24        | 4.427       | 4.412        | 4.483      | VV       | 647            | 15332        | 0.30%          | 0.011%        |
| 25        | 4.507       | 4.483        | 4.538      | VV       | 2660           | 29043        | 0.57%          | 0.021%        |
| 26        | 4.570       | 4.538        | 4.597      | VV       | 1468           | 26990        | 0.53%          | 0.020%        |
| 27        | 4.613       | 4.597        | 4.629      | VV       | 962            | 11866        | 0.23%          | 0.009%        |
| 28        | 4.641       | 4.629        | 4.656      | VV       | 597            | 7369         | 0.14%          | 0.005%        |
| 29        | 4.691       | 4.656        | 4.710      | VV       | 1217           | 19056        | 0.37%          | 0.014%        |
| 30        | 4.732       | 4.710        | 4.750      | VV       | 713            | 14008        | 0.27%          | 0.010%        |
| 31        | 4.769       | 4.750        | 4.800      | VV       | 945            | 17383        | 0.34%          | 0.013%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 4.831 | 4.800 | 4.846 | VV | 639    | 10815  | 0.21% | 0.008% |
| 33 | 4.857 | 4.846 | 4.869 | VV | 408    | 4028   | 0.08% | 0.003% |
| 34 | 4.925 | 4.869 | 4.939 | VV | 417    | 10314  | 0.20% | 0.008% |
| 35 | 4.981 | 4.939 | 4.991 | VV | 890    | 16274  | 0.32% | 0.012% |
| 36 | 4.999 | 4.991 | 5.021 | VV | 760    | 9250   | 0.18% | 0.007% |
| 37 | 5.040 | 5.021 | 5.063 | VV | 745    | 10289  | 0.20% | 0.008% |
| 38 | 5.100 | 5.063 | 5.139 | VV | 1075   | 19163  | 0.38% | 0.014% |
| 39 | 5.160 | 5.139 | 5.181 | VV | 268    | 4610   | 0.09% | 0.003% |
| 40 | 5.214 | 5.181 | 5.238 | VV | 1963   | 24937  | 0.49% | 0.018% |
| 41 | 5.256 | 5.238 | 5.270 | VV | 462    | 6890   | 0.13% | 0.005% |
| 42 | 5.285 | 5.270 | 5.302 | VV | 538    | 5855   | 0.11% | 0.004% |
| 43 | 5.317 | 5.302 | 5.332 | VV | 262    | 3179   | 0.06% | 0.002% |
| 44 | 5.348 | 5.332 | 5.371 | VV | 267    | 3112   | 0.06% | 0.002% |
| 45 | 5.396 | 5.371 | 5.409 | PV | 3925   | 37875  | 0.74% | 0.028% |
| 46 | 5.425 | 5.409 | 5.476 | VV | 8285   | 94551  | 1.85% | 0.069% |
| 47 | 5.497 | 5.476 | 5.554 | VV | 1830   | 28176  | 0.55% | 0.021% |
| 48 | 5.581 | 5.554 | 5.603 | VV | 736    | 11802  | 0.23% | 0.009% |
| 49 | 5.628 | 5.603 | 5.644 | VV | 400    | 6717   | 0.13% | 0.005% |
| 50 | 5.654 | 5.644 | 5.665 | VV | 427    | 4379   | 0.09% | 0.003% |
| 51 | 5.695 | 5.665 | 5.723 | VV | 941    | 17102  | 0.34% | 0.013% |
| 52 | 5.761 | 5.723 | 5.829 | VV | 902    | 28474  | 0.56% | 0.021% |
| 53 | 5.850 | 5.829 | 5.868 | VV | 515    | 7542   | 0.15% | 0.006% |
| 54 | 5.901 | 5.868 | 5.918 | VV | 566    | 10696  | 0.21% | 0.008% |
| 55 | 5.941 | 5.918 | 5.974 | VV | 3506   | 47678  | 0.93% | 0.035% |
| 56 | 5.993 | 5.974 | 6.024 | VV | 415    | 9186   | 0.18% | 0.007% |
| 57 | 6.044 | 6.024 | 6.068 | VV | 380    | 5947   | 0.12% | 0.004% |
| 58 | 6.097 | 6.068 | 6.147 | VV | 1538   | 26264  | 0.51% | 0.019% |
| 59 | 6.159 | 6.147 | 6.201 | VV | 381    | 8739   | 0.17% | 0.006% |
| 60 | 6.229 | 6.201 | 6.258 | VV | 1439   | 27523  | 0.54% | 0.020% |
| 61 | 6.271 | 6.258 | 6.284 | VV | 642    | 8494   | 0.17% | 0.006% |
| 62 | 6.288 | 6.284 | 6.346 | VV | 537    | 11874  | 0.23% | 0.009% |
| 63 | 6.379 | 6.346 | 6.431 | VV | 1314   | 23855  | 0.47% | 0.017% |
| 64 | 6.451 | 6.431 | 6.478 | VV | 2746   | 30149  | 0.59% | 0.022% |
| 65 | 6.498 | 6.478 | 6.561 | VV | 16476  | 187642 | 3.68% | 0.137% |
| 66 | 6.572 | 6.561 | 6.618 | VV | 496    | 8155   | 0.16% | 0.006% |
| 67 | 6.655 | 6.618 | 6.670 | PV | 424    | 6772   | 0.13% | 0.005% |
| 68 | 6.697 | 6.670 | 6.729 | VV | 776    | 14476  | 0.28% | 0.011% |
| 69 | 6.775 | 6.729 | 6.823 | VV | 426    | 14889  | 0.29% | 0.011% |
| 70 | 6.845 | 6.823 | 6.857 | VV | 1526   | 16846  | 0.33% | 0.012% |
| 71 | 6.868 | 6.857 | 6.920 | VV | 1293   | 29426  | 0.58% | 0.022% |
| 72 | 6.940 | 6.920 | 6.962 | VV | 613    | 10525  | 0.21% | 0.008% |
| 73 | 6.999 | 6.962 | 7.020 | VV | 2398   | 33233  | 0.65% | 0.024% |
| 74 | 7.035 | 7.020 | 7.065 | VV | 895    | 14597  | 0.29% | 0.011% |
| 75 | 7.083 | 7.065 | 7.115 | VV | 1144   | 17855  | 0.35% | 0.013% |
| 76 | 7.135 | 7.115 | 7.161 | VV | 3139   | 31591  | 0.62% | 0.023% |
| 77 | 7.174 | 7.161 | 7.222 | VV | 761    | 12936  | 0.25% | 0.009% |
| 78 | 7.254 | 7.222 | 7.276 | VV | 425    | 6465   | 0.13% | 0.005% |
| 79 | 7.308 | 7.276 | 7.351 | VV | 4835   | 67754  | 1.33% | 0.050% |

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|-----|-------|-------|-------|----|-------|--------|-------|--------|
| 80  | 7.384 | 7.351 | 7.405 | VV | 409   | 10350  | 0.20% | 0.008% |
| 81  | 7.424 | 7.405 | 7.454 | VV | 271   | 5221   | 0.10% | 0.004% |
| 82  | 7.477 | 7.454 | 7.513 | VV | 702   | 10578  | 0.21% | 0.008% |
| 83  | 7.528 | 7.513 | 7.551 | VV | 222   | 2033   | 0.04% | 0.001% |
| 84  | 7.559 | 7.551 | 7.574 | PV | 71    | 439    | 0.01% | 0.000% |
| 85  | 7.592 | 7.574 | 7.618 | PV | 682   | 8104   | 0.16% | 0.006% |
| 86  | 7.641 | 7.618 | 7.657 | PV | 310   | 4086   | 0.08% | 0.003% |
| 87  | 7.672 | 7.657 | 7.684 | VV | 87    | 934    | 0.02% | 0.001% |
| 88  | 7.720 | 7.684 | 7.746 | VV | 2425  | 39984  | 0.78% | 0.029% |
| 89  | 7.759 | 7.746 | 7.810 | VV | 645   | 16153  | 0.32% | 0.012% |
| 90  | 7.825 | 7.810 | 7.845 | VV | 505   | 6445   | 0.13% | 0.005% |
| 91  | 7.880 | 7.845 | 7.902 | VV | 1356  | 28827  | 0.56% | 0.021% |
| 92  | 7.912 | 7.902 | 7.937 | VV | 957   | 16918  | 0.33% | 0.012% |
| 93  | 7.951 | 7.937 | 7.960 | VV | 760   | 9248   | 0.18% | 0.007% |
| 94  | 7.993 | 7.960 | 8.029 | VV | 4038  | 78587  | 1.54% | 0.058% |
| 95  | 8.062 | 8.029 | 8.078 | VV | 1621  | 33497  | 0.66% | 0.025% |
| 96  | 8.097 | 8.078 | 8.113 | VV | 9958  | 115530 | 2.26% | 0.085% |
| 97  | 8.124 | 8.113 | 8.142 | VV | 5369  | 59056  | 1.16% | 0.043% |
| 98  | 8.175 | 8.142 | 8.201 | VV | 5582  | 83601  | 1.64% | 0.061% |
| 99  | 8.246 | 8.201 | 8.259 | VV | 4744  | 76794  | 1.50% | 0.056% |
| 100 | 8.280 | 8.259 | 8.315 | VV | 12028 | 174507 | 3.42% | 0.128% |
| 101 | 8.333 | 8.315 | 8.352 | VV | 2203  | 29822  | 0.58% | 0.022% |
| 102 | 8.370 | 8.352 | 8.392 | VV | 2865  | 30125  | 0.59% | 0.022% |
| 103 | 8.418 | 8.392 | 8.434 | VV | 1125  | 14138  | 0.28% | 0.010% |
| 104 | 8.445 | 8.434 | 8.454 | VV | 534   | 5559   | 0.11% | 0.004% |
| 105 | 8.464 | 8.454 | 8.488 | VV | 685   | 8759   | 0.17% | 0.006% |
| 106 | 8.530 | 8.488 | 8.547 | VV | 1232  | 21738  | 0.43% | 0.016% |
| 107 | 8.575 | 8.547 | 8.602 | VV | 19331 | 204918 | 4.01% | 0.150% |
| 108 | 8.640 | 8.602 | 8.674 | VV | 3356  | 92352  | 1.81% | 0.068% |
| 109 | 8.695 | 8.674 | 8.727 | VV | 2265  | 54829  | 1.07% | 0.040% |
| 110 | 8.737 | 8.727 | 8.751 | VV | 1436  | 16135  | 0.32% | 0.012% |
| 111 | 8.771 | 8.751 | 8.788 | VV | 2404  | 33764  | 0.66% | 0.025% |
| 112 | 8.817 | 8.788 | 8.835 | VV | 9043  | 119560 | 2.34% | 0.088% |
| 113 | 8.848 | 8.835 | 8.869 | VV | 5216  | 60795  | 1.19% | 0.044% |
| 114 | 8.888 | 8.869 | 8.924 | VV | 4353  | 77552  | 1.52% | 0.057% |
| 115 | 8.940 | 8.924 | 8.963 | VV | 3185  | 43333  | 0.85% | 0.032% |
| 116 | 8.987 | 8.963 | 9.007 | VV | 6950  | 90885  | 1.78% | 0.067% |
| 117 | 9.027 | 9.007 | 9.071 | VV | 11003 | 189975 | 3.72% | 0.139% |
| 118 | 9.084 | 9.071 | 9.110 | VV | 769   | 9927   | 0.19% | 0.007% |
| 119 | 9.141 | 9.110 | 9.158 | PV | 7754  | 87428  | 1.71% | 0.064% |
| 120 | 9.173 | 9.158 | 9.208 | VV | 5337  | 61663  | 1.21% | 0.045% |
| 121 | 9.225 | 9.208 | 9.239 | VV | 1941  | 23596  | 0.46% | 0.017% |
| 122 | 9.278 | 9.239 | 9.299 | VV | 7789  | 123735 | 2.42% | 0.091% |
| 123 | 9.319 | 9.299 | 9.337 | VV | 5818  | 69306  | 1.36% | 0.051% |
| 124 | 9.358 | 9.337 | 9.376 | VV | 12802 | 153428 | 3.01% | 0.112% |
| 125 | 9.384 | 9.376 | 9.414 | VV | 4829  | 57809  | 1.13% | 0.042% |
| 126 | 9.438 | 9.414 | 9.456 | VV | 8014  | 102029 | 2.00% | 0.075% |

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|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 127 | 9.480  | 9.456  | 9.491  | VV | 5540   | 78949   | 1.55%   | 0.058% |
| 128 | 9.508  | 9.491  | 9.530  | VV | 12586  | 160463  | 3.14%   | 0.117% |
| 129 | 9.542  | 9.530  | 9.550  | VV | 2762   | 28111   | 0.55%   | 0.021% |
| 130 | 9.568  | 9.550  | 9.598  | VV | 8099   | 116137  | 2.28%   | 0.085% |
| 131 | 9.618  | 9.598  | 9.634  | VV | 2154   | 40116   | 0.79%   | 0.029% |
| 132 | 9.644  | 9.634  | 9.660  | VV | 1823   | 24229   | 0.47%   | 0.018% |
| 133 | 9.682  | 9.660  | 9.722  | VV | 7625   | 146704  | 2.87%   | 0.107% |
| 134 | 9.735  | 9.722  | 9.750  | VV | 3097   | 41412   | 0.81%   | 0.030% |
| 135 | 9.779  | 9.750  | 9.825  | VV | 8497   | 200882  | 3.94%   | 0.147% |
| 136 | 9.842  | 9.825  | 9.858  | VV | 2674   | 38622   | 0.76%   | 0.028% |
| 137 | 9.878  | 9.858  | 9.902  | VV | 3391   | 52568   | 1.03%   | 0.038% |
| 138 | 9.948  | 9.902  | 10.024 | VV | 3385   | 79347   | 1.55%   | 0.058% |
| 139 | 10.049 | 10.024 | 10.057 | PV | 1236   | 12429   | 0.24%   | 0.009% |
| 140 | 10.074 | 10.057 | 10.086 | VV | 1335   | 20067   | 0.39%   | 0.015% |
| 141 | 10.105 | 10.086 | 10.141 | VV | 3454   | 57102   | 1.12%   | 0.042% |
| 142 | 10.161 | 10.141 | 10.187 | VV | 2555   | 49751   | 0.97%   | 0.036% |
| 143 | 10.215 | 10.187 | 10.226 | VV | 9122   | 125008  | 2.45%   | 0.091% |
| 144 | 10.240 | 10.226 | 10.263 | VV | 11646  | 161014  | 3.15%   | 0.118% |
| 145 | 10.281 | 10.263 | 10.324 | VV | 9269   | 148531  | 2.91%   | 0.109% |
| 146 | 10.357 | 10.324 | 10.391 | VV | 9980   | 197732  | 3.87%   | 0.145% |
| 147 | 10.409 | 10.391 | 10.478 | VV | 13296  | 268997  | 5.27%   | 0.197% |
| 148 | 10.494 | 10.478 | 10.503 | VV | 4081   | 51353   | 1.01%   | 0.038% |
| 149 | 10.529 | 10.503 | 10.544 | VV | 10897  | 165929  | 3.25%   | 0.121% |
| 150 | 10.562 | 10.544 | 10.605 | VV | 11844  | 248363  | 4.87%   | 0.182% |
| 151 | 10.634 | 10.605 | 10.646 | VV | 4321   | 85363   | 1.67%   | 0.062% |
| 152 | 10.660 | 10.646 | 10.675 | VV | 4500   | 60276   | 1.18%   | 0.044% |
| 153 | 10.690 | 10.675 | 10.713 | VV | 2955   | 51893   | 1.02%   | 0.038% |
| 154 | 10.761 | 10.713 | 10.807 | VV | 223510 | 2543844 | 49.84%  | 1.862% |
| 155 | 10.834 | 10.807 | 10.877 | VV | 52288  | 619537  | 12.14%  | 0.453% |
| 156 | 10.891 | 10.877 | 10.918 | VV | 2304   | 40289   | 0.79%   | 0.029% |
| 157 | 10.942 | 10.918 | 10.989 | VV | 2575   | 67415   | 1.32%   | 0.049% |
| 158 | 11.014 | 10.989 | 11.028 | VV | 2103   | 34517   | 0.68%   | 0.025% |
| 159 | 11.049 | 11.028 | 11.092 | VV | 11333  | 191152  | 3.74%   | 0.140% |
| 160 | 11.121 | 11.092 | 11.136 | PV | 3606   | 60445   | 1.18%   | 0.044% |
| 161 | 11.154 | 11.136 | 11.178 | VV | 4714   | 83726   | 1.64%   | 0.061% |
| 162 | 11.191 | 11.178 | 11.203 | VV | 3243   | 43495   | 0.85%   | 0.032% |
| 163 | 11.233 | 11.203 | 11.253 | VV | 8702   | 159435  | 3.12%   | 0.117% |
| 164 | 11.295 | 11.253 | 11.328 | VV | 17408  | 422799  | 8.28%   | 0.309% |
| 165 | 11.363 | 11.328 | 11.385 | VV | 7863   | 131124  | 2.57%   | 0.096% |
| 166 | 11.412 | 11.385 | 11.433 | VV | 9947   | 141289  | 2.77%   | 0.103% |
| 167 | 11.454 | 11.433 | 11.500 | VV | 11108  | 202315  | 3.96%   | 0.148% |
| 168 | 11.534 | 11.500 | 11.554 | VV | 465641 | 5104333 | 100.00% | 3.736% |
| 169 | 11.564 | 11.554 | 11.579 | VV | 63475  | 653019  | 12.79%  | 0.478% |
| 170 | 11.594 | 11.579 | 11.632 | VV | 76853  | 872739  | 17.10%  | 0.639% |
| 171 | 11.677 | 11.632 | 11.694 | VV | 39360  | 707589  | 13.86%  | 0.518% |
| 172 | 11.712 | 11.694 | 11.726 | VV | 48345  | 553909  | 10.85%  | 0.405% |
| 173 | 11.743 | 11.726 | 11.790 | VV | 64806  | 791980  | 15.52%  | 0.580% |
| 174 | 11.815 | 11.790 | 11.841 | VV | 2047   | 36537   | 0.72%   | 0.027% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 175 | 11.919 | 11.841 | 11.939 | VV | rteres<br>31885 | 524222  | 10.27% | 0.384% |
| 176 | 11.951 | 11.939 | 11.966 | VV | 10560           | 135988  | 2.66%  | 0.100% |
| 177 | 11.988 | 11.966 | 12.011 | VV | 10063           | 188414  | 3.69%  | 0.138% |
| 178 | 12.035 | 12.011 | 12.078 | VV | 44710           | 616202  | 12.07% | 0.451% |
| 179 | 12.093 | 12.078 | 12.108 | VV | 5089            | 78165   | 1.53%  | 0.057% |
| 180 | 12.138 | 12.108 | 12.162 | VV | 90899           | 1106737 | 21.68% | 0.810% |
| 181 | 12.181 | 12.162 | 12.205 | VV | 12478           | 181675  | 3.56%  | 0.133% |
| 182 | 12.213 | 12.205 | 12.226 | VV | 2918            | 31387   | 0.61%  | 0.023% |
| 183 | 12.239 | 12.226 | 12.249 | VV | 3191            | 34453   | 0.67%  | 0.025% |
| 184 | 12.285 | 12.249 | 12.330 | VV | 12430           | 343109  | 6.72%  | 0.251% |
| 185 | 12.354 | 12.330 | 12.391 | VV | 18658           | 351937  | 6.89%  | 0.258% |
| 186 | 12.413 | 12.391 | 12.442 | VV | 28791           | 411779  | 8.07%  | 0.301% |
| 187 | 12.465 | 12.442 | 12.485 | VV | 46702           | 618411  | 12.12% | 0.453% |
| 188 | 12.500 | 12.485 | 12.514 | VV | 20976           | 286383  | 5.61%  | 0.210% |
| 189 | 12.528 | 12.514 | 12.550 | VV | 21042           | 310256  | 6.08%  | 0.227% |
| 190 | 12.582 | 12.550 | 12.627 | VV | 322481          | 3979131 | 77.96% | 2.912% |
| 191 | 12.642 | 12.627 | 12.650 | VV | 1933            | 23178   | 0.45%  | 0.017% |
| 192 | 12.676 | 12.650 | 12.690 | VV | 5528            | 86090   | 1.69%  | 0.063% |
| 193 | 12.712 | 12.690 | 12.723 | VV | 7924            | 116212  | 2.28%  | 0.085% |
| 194 | 12.741 | 12.723 | 12.752 | VV | 16084           | 204750  | 4.01%  | 0.150% |
| 195 | 12.765 | 12.752 | 12.774 | VV | 17589           | 202995  | 3.98%  | 0.149% |
| 196 | 12.789 | 12.774 | 12.834 | VV | 20858           | 458819  | 8.99%  | 0.336% |
| 197 | 12.881 | 12.834 | 12.908 | VV | 346747          | 4089010 | 80.11% | 2.993% |
| 198 | 12.933 | 12.908 | 12.945 | VV | 34050           | 417598  | 8.18%  | 0.306% |
| 199 | 12.973 | 12.945 | 13.001 | VV | 327244          | 4133068 | 80.97% | 3.025% |
| 200 | 13.018 | 13.001 | 13.032 | VV | 8143            | 109746  | 2.15%  | 0.080% |
| 201 | 13.049 | 13.032 | 13.067 | VV | 12574           | 185662  | 3.64%  | 0.136% |
| 202 | 13.079 | 13.067 | 13.105 | VV | 8836            | 115218  | 2.26%  | 0.084% |
| 203 | 13.148 | 13.105 | 13.188 | PV | 27008           | 537094  | 10.52% | 0.393% |
| 204 | 13.206 | 13.188 | 13.248 | VV | 16950           | 361230  | 7.08%  | 0.264% |
| 205 | 13.274 | 13.248 | 13.293 | VV | 11140           | 174645  | 3.42%  | 0.128% |
| 206 | 13.336 | 13.293 | 13.350 | VV | 30051           | 525624  | 10.30% | 0.385% |
| 207 | 13.366 | 13.350 | 13.414 | VV | 42757           | 651153  | 12.76% | 0.477% |
| 208 | 13.466 | 13.414 | 13.521 | VV | 52108           | 1032975 | 20.24% | 0.756% |
| 209 | 13.534 | 13.521 | 13.550 | VV | 5426            | 67388   | 1.32%  | 0.049% |
| 210 | 13.576 | 13.550 | 13.592 | VV | 16737           | 246169  | 4.82%  | 0.180% |
| 211 | 13.613 | 13.592 | 13.635 | VV | 41797           | 539815  | 10.58% | 0.395% |
| 212 | 13.654 | 13.635 | 13.685 | VV | 11006           | 211775  | 4.15%  | 0.155% |
| 213 | 13.742 | 13.685 | 13.763 | VV | 39661           | 720088  | 14.11% | 0.527% |
| 214 | 13.782 | 13.763 | 13.833 | VV | 35433           | 531863  | 10.42% | 0.389% |
| 215 | 13.856 | 13.833 | 13.882 | VV | 10934           | 175804  | 3.44%  | 0.129% |
| 216 | 13.928 | 13.882 | 13.968 | VV | 8872            | 226394  | 4.44%  | 0.166% |
| 217 | 13.980 | 13.968 | 14.008 | VV | 3195            | 52706   | 1.03%  | 0.039% |
| 218 | 14.013 | 14.008 | 14.031 | VV | 840             | 7992    | 0.16%  | 0.006% |
| 219 | 14.052 | 14.031 | 14.070 | PV | 3227            | 40985   | 0.80%  | 0.030% |
| 220 | 14.106 | 14.070 | 14.121 | VV | 6612            | 119395  | 2.34%  | 0.087% |
| 221 | 14.158 | 14.121 | 14.174 | VV | 11173           | 266622  | 5.22%  | 0.195% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 14.200 | 14.174 | 14.234 | VV | 43148  | 631188  | 12.37% | 0.462% |
| 223 | 14.316 | 14.234 | 14.338 | VV | 18569  | 528459  | 10.35% | 0.387% |
| 224 | 14.373 | 14.338 | 14.417 | VV | 24758  | 632380  | 12.39% | 0.463% |
| 225 | 14.441 | 14.417 | 14.466 | VV | 57202  | 777006  | 15.22% | 0.569% |
| 226 | 14.502 | 14.466 | 14.536 | VV | 44571  | 712701  | 13.96% | 0.522% |
| 227 | 14.592 | 14.536 | 14.611 | VV | 13535  | 341399  | 6.69%  | 0.250% |
| 228 | 14.623 | 14.611 | 14.682 | VV | 10873  | 222739  | 4.36%  | 0.163% |
| 229 | 14.707 | 14.682 | 14.721 | VV | 8788   | 119453  | 2.34%  | 0.087% |
| 230 | 14.755 | 14.721 | 14.775 | VV | 156848 | 2097267 | 41.09% | 1.535% |
| 231 | 14.797 | 14.775 | 14.828 | VV | 170455 | 2110458 | 41.35% | 1.545% |
| 232 | 14.842 | 14.828 | 14.870 | VV | 8917   | 162715  | 3.19%  | 0.119% |
| 233 | 14.915 | 14.870 | 14.942 | VV | 30860  | 550844  | 10.79% | 0.403% |
| 234 | 14.951 | 14.942 | 14.970 | VV | 6588   | 92300   | 1.81%  | 0.068% |
| 235 | 14.996 | 14.970 | 15.028 | VV | 9460   | 202446  | 3.97%  | 0.148% |
| 236 | 15.059 | 15.028 | 15.098 | PV | 11481  | 311115  | 6.10%  | 0.228% |
| 237 | 15.112 | 15.098 | 15.156 | VV | 11079  | 184120  | 3.61%  | 0.135% |
| 238 | 15.210 | 15.156 | 15.259 | VV | 35597  | 755795  | 14.81% | 0.553% |
| 239 | 15.277 | 15.259 | 15.301 | VV | 3730   | 65564   | 1.28%  | 0.048% |
| 240 | 15.345 | 15.301 | 15.364 | VV | 9740   | 213045  | 4.17%  | 0.156% |
| 241 | 15.384 | 15.364 | 15.401 | VV | 10931  | 204152  | 4.00%  | 0.149% |
| 242 | 15.426 | 15.401 | 15.448 | VV | 47990  | 719885  | 14.10% | 0.527% |
| 243 | 15.465 | 15.448 | 15.493 | VV | 20982  | 312055  | 6.11%  | 0.228% |
| 244 | 15.509 | 15.493 | 15.520 | VV | 6583   | 93581   | 1.83%  | 0.068% |
| 245 | 15.564 | 15.520 | 15.575 | VV | 21555  | 426477  | 8.36%  | 0.312% |
| 246 | 15.590 | 15.575 | 15.627 | VV | 23169  | 418334  | 8.20%  | 0.306% |
| 247 | 15.666 | 15.627 | 15.692 | VV | 12806  | 247251  | 4.84%  | 0.181% |
| 248 | 15.748 | 15.692 | 15.766 | VV | 9755   | 214818  | 4.21%  | 0.157% |
| 249 | 15.783 | 15.766 | 15.804 | VV | 9130   | 126633  | 2.48%  | 0.093% |
| 250 | 15.848 | 15.804 | 15.891 | VV | 11724  | 246587  | 4.83%  | 0.180% |
| 251 | 15.915 | 15.891 | 15.939 | VV | 2771   | 48006   | 0.94%  | 0.035% |
| 252 | 15.958 | 15.939 | 15.998 | VV | 1930   | 38167   | 0.75%  | 0.028% |
| 253 | 16.037 | 15.998 | 16.078 | PV | 12670  | 265788  | 5.21%  | 0.195% |
| 254 | 16.096 | 16.078 | 16.113 | VV | 5901   | 79086   | 1.55%  | 0.058% |
| 255 | 16.139 | 16.113 | 16.190 | VV | 8133   | 249868  | 4.90%  | 0.183% |
| 256 | 16.228 | 16.190 | 16.266 | VV | 25085  | 588204  | 11.52% | 0.431% |
| 257 | 16.314 | 16.266 | 16.379 | VV | 144367 | 2956661 | 57.92% | 2.164% |
| 258 | 16.440 | 16.379 | 16.463 | PV | 25577  | 444303  | 8.70%  | 0.325% |
| 259 | 16.479 | 16.463 | 16.521 | VV | 5013   | 96675   | 1.89%  | 0.071% |
| 260 | 16.557 | 16.521 | 16.576 | VV | 4810   | 102957  | 2.02%  | 0.075% |
| 261 | 16.634 | 16.576 | 16.661 | VV | 91945  | 1477188 | 28.94% | 1.081% |
| 262 | 16.691 | 16.661 | 16.739 | VV | 123251 | 1674800 | 32.81% | 1.226% |
| 263 | 16.790 | 16.739 | 16.818 | VV | 35095  | 553949  | 10.85% | 0.405% |
| 264 | 16.846 | 16.818 | 16.857 | VV | 12048  | 216599  | 4.24%  | 0.159% |
| 265 | 16.874 | 16.857 | 16.905 | VV | 17458  | 305061  | 5.98%  | 0.223% |
| 266 | 16.929 | 16.905 | 16.976 | VV | 11036  | 314016  | 6.15%  | 0.230% |
| 267 | 16.993 | 16.976 | 17.014 | VV | 5459   | 86183   | 1.69%  | 0.063% |
| 268 | 17.061 | 17.014 | 17.119 | VV | 16144  | 507403  | 9.94%  | 0.371% |
| 269 | 17.166 | 17.119 | 17.202 | VV | 39111  | 803732  | 15.75% | 0.588% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 270 | 17.212 | 17.202 | 17.229 | VV | 12629 | 170188  | 3.33%  | 0.125% |
| 271 | 17.249 | 17.229 | 17.324 | VV | 17046 | 549508  | 10.77% | 0.402% |
| 272 | 17.345 | 17.324 | 17.378 | VV | 13621 | 305892  | 5.99%  | 0.224% |
| 273 | 17.388 | 17.378 | 17.403 | VV | 8487  | 108213  | 2.12%  | 0.079% |
| 274 | 17.414 | 17.403 | 17.433 | VV | 6214  | 91827   | 1.80%  | 0.067% |
| 275 | 17.459 | 17.433 | 17.509 | VV | 5644  | 209694  | 4.11%  | 0.153% |
| 276 | 17.533 | 17.509 | 17.551 | VV | 4960  | 97653   | 1.91%  | 0.071% |
| 277 | 17.616 | 17.551 | 17.631 | VV | 8608  | 259123  | 5.08%  | 0.190% |
| 278 | 17.689 | 17.631 | 17.718 | VV | 22219 | 642972  | 12.60% | 0.471% |
| 279 | 17.779 | 17.718 | 17.803 | VV | 18759 | 594480  | 11.65% | 0.435% |
| 280 | 17.828 | 17.803 | 17.879 | VV | 19537 | 597503  | 11.71% | 0.437% |
| 281 | 17.909 | 17.879 | 17.938 | VV | 17766 | 384542  | 7.53%  | 0.281% |
| 282 | 17.968 | 17.938 | 18.018 | VV | 29881 | 725715  | 14.22% | 0.531% |
| 283 | 18.059 | 18.018 | 18.084 | VV | 99450 | 1885072 | 36.93% | 1.380% |
| 284 | 18.106 | 18.084 | 18.134 | VV | 41673 | 815274  | 15.97% | 0.597% |
| 285 | 18.146 | 18.134 | 18.168 | VV | 14786 | 251490  | 4.93%  | 0.184% |
| 286 | 18.194 | 18.168 | 18.210 | VV | 37276 | 621279  | 12.17% | 0.455% |
| 287 | 18.227 | 18.210 | 18.281 | VV | 32193 | 748028  | 14.65% | 0.547% |
| 288 | 18.314 | 18.281 | 18.348 | VV | 80854 | 1314274 | 25.75% | 0.962% |
| 289 | 18.356 | 18.348 | 18.364 | VV | 11419 | 111644  | 2.19%  | 0.082% |
| 290 | 18.398 | 18.364 | 18.414 | VV | 16779 | 431806  | 8.46%  | 0.316% |
| 291 | 18.443 | 18.414 | 18.474 | VV | 25230 | 626719  | 12.28% | 0.459% |
| 292 | 18.510 | 18.474 | 18.585 | VV | 24803 | 1074322 | 21.05% | 0.786% |
| 293 | 18.621 | 18.585 | 18.651 | VV | 33751 | 835340  | 16.37% | 0.611% |
| 294 | 18.666 | 18.651 | 18.687 | VV | 19839 | 389897  | 7.64%  | 0.285% |
| 295 | 18.713 | 18.687 | 18.731 | VV | 21016 | 488681  | 9.57%  | 0.358% |
| 296 | 18.748 | 18.731 | 18.764 | VV | 23295 | 404107  | 7.92%  | 0.296% |
| 297 | 18.789 | 18.764 | 18.804 | VV | 21822 | 472924  | 9.27%  | 0.346% |
| 298 | 18.827 | 18.804 | 18.840 | VV | 25214 | 478652  | 9.38%  | 0.350% |
| 299 | 18.872 | 18.840 | 18.900 | VV | 66320 | 1498845 | 29.36% | 1.097% |
| 300 | 18.916 | 18.900 | 18.961 | VV | 35987 | 976560  | 19.13% | 0.715% |
| 301 | 18.999 | 18.961 | 19.029 | VV | 32739 | 1094574 | 21.44% | 0.801% |
| 302 | 19.038 | 19.029 | 19.066 | VV | 25924 | 495887  | 9.72%  | 0.363% |
| 303 | 19.103 | 19.066 | 19.133 | VV | 35394 | 1039119 | 20.36% | 0.761% |
| 304 | 19.149 | 19.133 | 19.190 | VV | 27542 | 806190  | 15.79% | 0.590% |
| 305 | 19.205 | 19.190 | 19.232 | VV | 25369 | 568380  | 11.14% | 0.416% |
| 306 | 19.257 | 19.232 | 19.284 | VV | 23518 | 680980  | 13.34% | 0.498% |
| 307 | 19.327 | 19.284 | 19.336 | VV | 27657 | 739558  | 14.49% | 0.541% |
| 308 | 19.360 | 19.336 | 19.379 | VV | 37114 | 792679  | 15.53% | 0.580% |
| 309 | 19.410 | 19.379 | 19.435 | VV | 38873 | 1053797 | 20.65% | 0.771% |
| 310 | 19.469 | 19.435 | 19.494 | VV | 60117 | 1464553 | 28.69% | 1.072% |
| 311 | 19.537 | 19.494 | 19.567 | VV | 52466 | 1695996 | 33.23% | 1.241% |
| 312 | 19.583 | 19.567 | 19.604 | VV | 36377 | 759024  | 14.87% | 0.556% |
| 313 | 19.648 | 19.604 | 19.695 | VV | 46754 | 2011019 | 39.40% | 1.472% |
| 314 | 19.717 | 19.695 | 19.738 | VV | 32721 | 802270  | 15.72% | 0.587% |
| 315 | 19.756 | 19.738 | 19.776 | VV | 33778 | 687838  | 13.48% | 0.503% |
| 316 | 19.848 | 19.776 | 19.874 | VV | 65758 | 2522546 | 49.42% | 1.846% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    | rteres                  |           |        |        |
| 317 | 19.914 | 19.874 | 19.974 | VV | 47110                   | 2395859   | 46.94% | 1.754% |
| 318 | 19.991 | 19.974 | 20.014 | VV | 39739                   | 870321    | 17.05% | 0.637% |
| 319 | 20.041 | 20.014 | 20.077 | VV | 38891                   | 1376236   | 26.96% | 1.007% |
| 320 | 20.113 | 20.077 | 20.135 | VV | 41920                   | 1316289   | 25.79% | 0.963% |
| 321 | 20.200 | 20.135 | 20.295 | VV | 48175                   | 3814284   | 74.73% | 2.792% |
| 322 | 20.341 | 20.295 | 20.351 | VV | 42656                   | 1273251   | 24.94% | 0.932% |
| 323 | 20.368 | 20.351 | 20.384 | VV | 42550                   | 838103    | 16.42% | 0.613% |
| 324 | 20.397 | 20.384 | 20.412 | VV | 44924                   | 719063    | 14.09% | 0.526% |
| 325 | 20.434 | 20.412 | 20.474 | VV | 43787                   | 1518801   | 29.76% | 1.112% |
| 326 | 20.489 | 20.474 | 20.504 | VV | 39450                   | 696696    | 13.65% | 0.510% |
| 327 | 20.513 | 20.504 | 20.547 | VV | 36152                   | 872428    | 17.09% | 0.639% |
| 328 | 20.592 | 20.547 | 20.621 | VV | 34809                   | 1498526   | 29.36% | 1.097% |
| 329 | 20.678 | 20.621 | 20.701 | VV | 37672                   | 1655979   | 32.44% | 1.212% |
| 330 | 20.709 | 20.701 | 20.731 | VV | 33303                   | 573376    | 11.23% | 0.420% |
| 331 | 20.756 | 20.731 | 20.803 | VV | 32690                   | 1220859   | 23.92% | 0.894% |
| 332 | 20.846 | 20.803 | 20.857 | VV | 28365                   | 819975    | 16.06% | 0.600% |
| 333 | 20.870 | 20.857 | 20.902 | VV | 26853                   | 673118    | 13.19% | 0.493% |
| 334 | 20.941 | 20.902 | 20.968 | VV | 29021                   | 1022245   | 20.03% | 0.748% |
| 335 | 20.996 | 20.968 | 21.017 | VV | 27120                   | 790741    | 15.49% | 0.579% |
| 336 | 21.028 | 21.017 | 21.118 | VV | 28148                   | 1487792   | 29.15% | 1.089% |
| 337 | 21.125 | 21.118 | 21.169 | VV | 22872                   | 583937    | 11.44% | 0.427% |
| 338 | 21.213 | 21.169 | 21.314 | VV | 25748                   | 1692601   | 33.16% | 1.239% |
| 339 | 21.340 | 21.314 | 21.357 | VV | 14687                   | 363045    | 7.11%  | 0.266% |
| 340 | 21.368 | 21.357 | 21.376 | VV | 13708                   | 148177    | 2.90%  | 0.108% |
| 341 | 21.386 | 21.376 | 21.394 | VV | 13848                   | 147269    | 2.89%  | 0.108% |
| 342 | 21.421 | 21.394 | 21.464 | VV | 16651                   | 578027    | 11.32% | 0.423% |
| 343 | 21.510 | 21.464 | 21.554 | VV | 17235                   | 727013    | 14.24% | 0.532% |
| 344 | 21.589 | 21.554 | 21.635 | VV | 14485                   | 527059    | 10.33% | 0.386% |
| 345 | 21.644 | 21.635 | 21.659 | VV | 7967                    | 92730     | 1.82%  | 0.068% |
| 346 | 21.680 | 21.659 | 21.729 | VV | 7574                    | 237181    | 4.65%  | 0.174% |
| 347 | 21.735 | 21.729 | 21.778 | VV | 4314                    | 69807     | 1.37%  | 0.051% |
|     |        |        |        |    | Sum of corrected areas: | 136628440 |        |        |

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