

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081919AL\  
 Data File : FC042982\_DM  
 Signal(s) : FID1A.CH  
 Acq On : 19 Aug 2019 11:35  
 Sample : K3616-02DL 10X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080819.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         | 3.489       | 3.462        | 3.537      | BV       | 215            | 3595         | 0.14%          | 0.011%        |
| 2         | 3.562       | 3.537        | 3.576      | PV       | 122            | 1465         | 0.06%          | 0.004%        |
| 3         | 3.593       | 3.576        | 3.606      | VV       | 110            | 1097         | 0.04%          | 0.003%        |
| 4         | 3.633       | 3.626        | 3.712      | VV       | 123            | 2815         | 0.11%          | 0.008%        |
| 5         | 3.718       | 3.712        | 3.742      | VV       | 17             | 1037         | 0.04%          | 0.003%        |
| 6         | 3.777       | 3.742        | 3.802      | VV       | 164            | 2948         | 0.11%          | 0.009%        |
| 7         | 3.857       | 3.839        | 3.895      | PV       | 173            | 2826         | 0.11%          | 0.008%        |
| 8         | 3.917       | 3.895        | 3.952      | VV       | 474            | 3800         | 0.14%          | 0.011%        |
| 9         | 3.962       | 3.952        | 3.975      | VV       | 135            | 1458         | 0.05%          | 0.004%        |
| 10        | 4.002       | 3.975        | 4.049      | VV       | 245            | 5890         | 0.22%          | 0.017%        |
| 11        | 4.071       | 4.049        | 4.098      | VV       | 234            | 4329         | 0.16%          | 0.013%        |
| 12        | 4.111       | 4.098        | 4.147      | VV       | 144            | 3246         | 0.12%          | 0.010%        |
| 13        | 4.175       | 4.147        | 4.200      | PV       | 177            | 3813         | 0.14%          | 0.011%        |
| 14        | 4.207       | 4.200        | 4.242      | VV       | 150            | 3062         | 0.12%          | 0.009%        |
| 15        | 4.249       | 4.242        | 4.293      | VV       | 162            | 3278         | 0.12%          | 0.010%        |
| 16        | 4.326       | 4.293        | 4.344      | VV       | 295            | 5156         | 0.19%          | 0.015%        |
| 17        | 4.354       | 4.344        | 4.383      | VV       | 246            | 3734         | 0.14%          | 0.011%        |
| 18        | 4.390       | 4.383        | 4.406      | VV       | 190            | 1898         | 0.07%          | 0.006%        |
| 19        | 4.415       | 4.406        | 4.436      | VV       | 175            | 2171         | 0.08%          | 0.006%        |
| 20        | 4.446       | 4.436        | 4.465      | VV       | 193            | 2291         | 0.09%          | 0.007%        |
| 21        | 4.474       | 4.465        | 4.487      | VV       | 174            | 1627         | 0.06%          | 0.005%        |
| 22        | 4.491       | 4.487        | 4.522      | VV       | 195            | 2745         | 0.10%          | 0.008%        |
| 23        | 4.550       | 4.522        | 4.591      | VV       | 290            | 6992         | 0.26%          | 0.021%        |
| 24        | 4.607       | 4.591        | 4.626      | VV       | 208            | 3072         | 0.12%          | 0.009%        |
| 25        | 4.634       | 4.626        | 4.659      | VV       | 221            | 2319         | 0.09%          | 0.007%        |
| 26        | 4.677       | 4.670        | 4.696      | VV       | 144            | 1770         | 0.07%          | 0.005%        |
| 27        | 4.707       | 4.696        | 4.726      | VV       | 183            | 2204         | 0.08%          | 0.006%        |
| 28        | 4.746       | 4.726        | 4.767      | VV       | 150            | 2652         | 0.10%          | 0.008%        |
| 29        | 4.776       | 4.767        | 4.799      | VV       | 159            | 2308         | 0.09%          | 0.007%        |
| 30        | 4.822       | 4.813        | 4.906      | VV       | 114            | 4278         | 0.16%          | 0.013%        |
| 31        | 4.919       | 4.906        | 4.947      | VV       | 152            | 1402         | 0.05%          | 0.004%        |
| 32        | 4.961       | 4.947        | 4.987      | PV       | 124            | 1713         | 0.06%          | 0.005%        |
| 33        | 4.997       | 4.987        | 5.024      | PV       | 114            | 1399         | 0.05%          | 0.004%        |
| 34        | 5.083       | 5.024        | 5.109      | VV       | 170            | 3900         | 0.15%          | 0.011%        |
| 35        | 5.141       | 5.122        | 5.154      | VV       | 166            | 1835         | 0.07%          | 0.005%        |
| 36        | 5.177       | 5.154        | 5.214      | VV       | 215            | 4348         | 0.16%          | 0.013%        |

|    |       |       |       |    |        |        |        |        |
|----|-------|-------|-------|----|--------|--------|--------|--------|
|    |       |       |       |    | rteres |        |        |        |
| 37 | 5.239 | 5.214 | 5.259 | PV | 180    | 3103   | 0.12%  | 0.009% |
| 38 | 5.312 | 5.259 | 5.349 | VV | 173    | 7047   | 0.26%  | 0.021% |
| 39 | 5.360 | 5.349 | 5.416 | VV | 180    | 4517   | 0.17%  | 0.013% |
| 40 | 5.431 | 5.416 | 5.454 | VV | 174    | 2752   | 0.10%  | 0.008% |
| 41 | 5.461 | 5.454 | 5.497 | VV | 195    | 3068   | 0.12%  | 0.009% |
| 42 | 5.503 | 5.497 | 5.534 | VV | 168    | 2529   | 0.10%  | 0.007% |
| 43 | 5.545 | 5.534 | 5.556 | VV | 210    | 1493   | 0.06%  | 0.004% |
| 44 | 5.580 | 5.556 | 5.607 | VV | 303    | 5210   | 0.20%  | 0.015% |
| 45 | 5.623 | 5.607 | 5.654 | VV | 201    | 4550   | 0.17%  | 0.013% |
| 46 | 5.673 | 5.654 | 5.706 | VV | 218    | 4468   | 0.17%  | 0.013% |
| 47 | 5.735 | 5.706 | 5.812 | VV | 226    | 9385   | 0.35%  | 0.028% |
| 48 | 5.820 | 5.812 | 5.835 | VV | 220    | 1873   | 0.07%  | 0.006% |
| 49 | 5.860 | 5.835 | 5.871 | VV | 211    | 3209   | 0.12%  | 0.009% |
| 50 | 5.906 | 5.871 | 5.939 | VV | 256    | 7905   | 0.30%  | 0.023% |
| 51 | 5.948 | 5.939 | 5.964 | VV | 267    | 3401   | 0.13%  | 0.010% |
| 52 | 5.977 | 5.964 | 5.996 | VV | 305    | 4434   | 0.17%  | 0.013% |
| 53 | 6.004 | 5.996 | 6.019 | VV | 268    | 3237   | 0.12%  | 0.010% |
| 54 | 6.035 | 6.019 | 6.059 | VV | 339    | 5981   | 0.22%  | 0.018% |
| 55 | 6.082 | 6.059 | 6.096 | VV | 370    | 5495   | 0.21%  | 0.016% |
| 56 | 6.166 | 6.096 | 6.192 | VV | 458    | 18767  | 0.71%  | 0.055% |
| 57 | 6.218 | 6.192 | 6.232 | VV | 387    | 8226   | 0.31%  | 0.024% |
| 58 | 6.263 | 6.232 | 6.274 | VV | 416    | 8561   | 0.32%  | 0.025% |
| 59 | 6.285 | 6.274 | 6.296 | VV | 365    | 4440   | 0.17%  | 0.013% |
| 60 | 6.304 | 6.296 | 6.319 | VV | 334    | 4449   | 0.17%  | 0.013% |
| 61 | 6.332 | 6.319 | 6.344 | VV | 376    | 4782   | 0.18%  | 0.014% |
| 62 | 6.365 | 6.344 | 6.387 | VV | 339    | 8121   | 0.31%  | 0.024% |
| 63 | 6.400 | 6.387 | 6.419 | VV | 365    | 6220   | 0.23%  | 0.018% |
| 64 | 6.452 | 6.419 | 6.472 | VV | 363    | 10655  | 0.40%  | 0.031% |
| 65 | 6.553 | 6.472 | 6.588 | VV | 524    | 27938  | 1.05%  | 0.082% |
| 66 | 6.605 | 6.588 | 6.641 | VV | 410    | 9770   | 0.37%  | 0.029% |
| 67 | 6.660 | 6.641 | 6.683 | VV | 369    | 7410   | 0.28%  | 0.022% |
| 68 | 6.711 | 6.683 | 6.725 | VV | 329    | 7069   | 0.27%  | 0.021% |
| 69 | 6.777 | 6.725 | 6.785 | VV | 286    | 9573   | 0.36%  | 0.028% |
| 70 | 6.801 | 6.785 | 6.822 | VV | 299    | 5925   | 0.22%  | 0.017% |
| 71 | 6.839 | 6.822 | 6.853 | VV | 331    | 5119   | 0.19%  | 0.015% |
| 72 | 6.869 | 6.853 | 6.907 | VV | 327    | 8723   | 0.33%  | 0.026% |
| 73 | 6.916 | 6.907 | 6.946 | VV | 296    | 5533   | 0.21%  | 0.016% |
| 74 | 6.962 | 6.946 | 6.983 | VV | 326    | 5217   | 0.20%  | 0.015% |
| 75 | 6.992 | 6.983 | 7.027 | VV | 321    | 6827   | 0.26%  | 0.020% |
| 76 | 7.032 | 7.027 | 7.114 | VV | 400    | 14597  | 0.55%  | 0.043% |
| 77 | 7.121 | 7.114 | 7.136 | VV | 320    | 3223   | 0.12%  | 0.009% |
| 78 | 7.148 | 7.136 | 7.181 | VV | 293    | 6346   | 0.24%  | 0.019% |
| 79 | 7.215 | 7.181 | 7.242 | VV | 330    | 10121  | 0.38%  | 0.030% |
| 80 | 7.251 | 7.242 | 7.277 | VV | 340    | 5820   | 0.22%  | 0.017% |
| 81 | 7.331 | 7.277 | 7.342 | VV | 406    | 11752  | 0.44%  | 0.035% |
| 82 | 7.358 | 7.342 | 7.387 | VV | 347    | 8053   | 0.30%  | 0.024% |
| 83 | 7.470 | 7.387 | 7.517 | VV | 433    | 25272  | 0.95%  | 0.074% |
| 84 | 7.533 | 7.517 | 7.572 | VV | 294    | 8944   | 0.34%  | 0.026% |
| 85 | 7.576 | 7.572 | 7.584 | VV | 330    | 1878   | 0.07%  | 0.006% |
| 86 | 7.592 | 7.584 | 7.637 | VV | 292    | 8137   | 0.31%  | 0.024% |
| 87 | 7.645 | 7.637 | 7.729 | VV | 336    | 14705  | 0.55%  | 0.043% |
| 88 | 7.791 | 7.729 | 8.016 | VV | 42295  | 600737 | 22.58% | 1.769% |
| 89 | 8.024 | 8.016 | 8.072 | VV | 518    | 14668  | 0.55%  | 0.043% |

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|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 8.084  | 8.072  | 8.144  | VV | 492    | 16929  | 0.64%  | 0.050% |
| 91  | 8.284  | 8.144  | 8.322  | VV | 1202   | 72277  | 2.72%  | 0.213% |
| 92  | 8.330  | 8.322  | 8.381  | VV | 876    | 17956  | 0.67%  | 0.053% |
| 93  | 8.402  | 8.381  | 8.447  | VV | 2158   | 37463  | 1.41%  | 0.110% |
| 94  | 8.467  | 8.447  | 8.486  | VV | 610    | 11300  | 0.42%  | 0.033% |
| 95  | 8.501  | 8.486  | 8.538  | VV | 447    | 11108  | 0.42%  | 0.033% |
| 96  | 8.563  | 8.538  | 8.626  | VV | 375    | 12018  | 0.45%  | 0.035% |
| 97  | 8.632  | 8.626  | 8.642  | VV | 251    | 1767   | 0.07%  | 0.005% |
| 98  | 8.665  | 8.642  | 8.851  | VV | 18887  | 367053 | 13.80% | 1.081% |
| 99  | 8.866  | 8.851  | 8.927  | VV | 719    | 24104  | 0.91%  | 0.071% |
| 100 | 8.948  | 8.927  | 8.961  | VV | 493    | 8394   | 0.32%  | 0.025% |
| 101 | 9.045  | 8.961  | 9.091  | VV | 1990   | 59311  | 2.23%  | 0.175% |
| 102 | 9.105  | 9.091  | 9.122  | VV | 457    | 7354   | 0.28%  | 0.022% |
| 103 | 9.147  | 9.122  | 9.191  | VV | 653    | 17566  | 0.66%  | 0.052% |
| 104 | 9.207  | 9.191  | 9.276  | VV | 323    | 12166  | 0.46%  | 0.036% |
| 105 | 9.315  | 9.276  | 9.346  | VV | 357    | 9646   | 0.36%  | 0.028% |
| 106 | 9.358  | 9.346  | 9.381  | VV | 279    | 4593   | 0.17%  | 0.014% |
| 107 | 9.389  | 9.381  | 9.426  | VV | 253    | 5382   | 0.20%  | 0.016% |
| 108 | 9.443  | 9.426  | 9.463  | VV | 245    | 4420   | 0.17%  | 0.013% |
| 109 | 9.502  | 9.463  | 9.514  | VV | 330    | 6738   | 0.25%  | 0.020% |
| 110 | 9.524  | 9.514  | 9.537  | VV | 274    | 3415   | 0.13%  | 0.010% |
| 111 | 9.555  | 9.537  | 9.592  | VV | 436    | 9239   | 0.35%  | 0.027% |
| 112 | 9.606  | 9.592  | 9.630  | VV | 330    | 5340   | 0.20%  | 0.016% |
| 113 | 9.636  | 9.630  | 9.691  | VV | 249    | 6248   | 0.23%  | 0.018% |
| 114 | 9.700  | 9.691  | 9.732  | VV | 215    | 3927   | 0.15%  | 0.012% |
| 115 | 9.765  | 9.732  | 9.790  | VV | 237    | 5168   | 0.19%  | 0.015% |
| 116 | 9.802  | 9.790  | 9.816  | VV | 155    | 2257   | 0.08%  | 0.007% |
| 117 | 9.841  | 9.816  | 9.849  | VV | 254    | 3463   | 0.13%  | 0.010% |
| 118 | 9.865  | 9.849  | 9.891  | VV | 321    | 6237   | 0.23%  | 0.018% |
| 119 | 9.920  | 9.891  | 9.971  | VV | 511    | 13833  | 0.52%  | 0.041% |
| 120 | 9.978  | 9.971  | 10.006 | VV | 166    | 2658   | 0.10%  | 0.008% |
| 121 | 10.033 | 10.006 | 10.059 | VV | 208    | 3197   | 0.12%  | 0.009% |
| 122 | 10.077 | 10.059 | 10.089 | VV | 78     | 1229   | 0.05%  | 0.004% |
| 123 | 10.107 | 10.089 | 10.162 | VV | 120    | 4115   | 0.15%  | 0.012% |
| 124 | 10.173 | 10.162 | 10.183 | VV | 120    | 1093   | 0.04%  | 0.003% |
| 125 | 10.197 | 10.183 | 10.219 | PV | 187    | 2257   | 0.08%  | 0.007% |
| 126 | 10.273 | 10.219 | 10.290 | VV | 259    | 6101   | 0.23%  | 0.018% |
| 127 | 10.309 | 10.290 | 10.341 | VV | 360    | 6862   | 0.26%  | 0.020% |
| 128 | 10.375 | 10.341 | 10.388 | VV | 313    | 6713   | 0.25%  | 0.020% |
| 129 | 10.409 | 10.388 | 10.435 | VV | 419    | 7915   | 0.30%  | 0.023% |
| 130 | 10.460 | 10.435 | 10.514 | VV | 336    | 9197   | 0.35%  | 0.027% |
| 131 | 10.580 | 10.514 | 10.604 | VV | 514    | 15552  | 0.58%  | 0.046% |
| 132 | 10.656 | 10.604 | 10.689 | VV | 705    | 16189  | 0.61%  | 0.048% |
| 133 | 10.725 | 10.689 | 10.744 | VV | 523    | 10936  | 0.41%  | 0.032% |
| 134 | 10.762 | 10.744 | 10.789 | VV | 783    | 12745  | 0.48%  | 0.038% |
| 135 | 10.797 | 10.789 | 10.821 | VV | 243    | 3608   | 0.14%  | 0.011% |
| 136 | 10.829 | 10.821 | 10.847 | VV | 220    | 2704   | 0.10%  | 0.008% |
| 137 | 10.874 | 10.847 | 10.892 | VV | 287    | 6221   | 0.23%  | 0.018% |
| 138 | 10.907 | 10.892 | 10.920 | VV | 245    | 3484   | 0.13%  | 0.010% |
| 139 | 10.947 | 10.920 | 11.009 | VV | 625    | 18067  | 0.68%  | 0.053% |
| 140 | 11.025 | 11.009 | 11.118 | VV | 367    | 13755  | 0.52%  | 0.041% |
| 141 | 11.131 | 11.118 | 11.206 | VV | 198    | 4761   | 0.18%  | 0.014% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 142 | 11.227 | 11.206 | 11.262 | VV | 193    | 3520   | 0.13%  | 0.010% |
| 143 | 11.287 | 11.262 | 11.308 | VV | 250    | 5352   | 0.20%  | 0.016% |
| 144 | 11.353 | 11.308 | 11.382 | VV | 743    | 13881  | 0.52%  | 0.041% |
| 145 | 11.392 | 11.382 | 11.409 | VV | 197    | 1847   | 0.07%  | 0.005% |
| 146 | 11.445 | 11.409 | 11.489 | VV | 609    | 10578  | 0.40%  | 0.031% |
| 147 | 11.521 | 11.489 | 11.533 | PV | 181    | 2605   | 0.10%  | 0.008% |
| 148 | 11.553 | 11.533 | 11.577 | VV | 130    | 2409   | 0.09%  | 0.007% |
| 149 | 11.594 | 11.577 | 11.622 | VV | 235    | 3794   | 0.14%  | 0.011% |
| 150 | 11.678 | 11.622 | 11.759 | VV | 40847  | 451502 | 16.97% | 1.329% |
| 151 | 11.771 | 11.759 | 11.811 | VV | 485    | 9396   | 0.35%  | 0.028% |
| 152 | 11.848 | 11.811 | 11.892 | VV | 517    | 18313  | 0.69%  | 0.054% |
| 153 | 11.908 | 11.892 | 11.931 | VV | 377    | 7304   | 0.27%  | 0.022% |
| 154 | 11.960 | 11.931 | 11.975 | VV | 293    | 6277   | 0.24%  | 0.018% |
| 155 | 12.017 | 11.975 | 12.056 | VV | 782    | 17548  | 0.66%  | 0.052% |
| 156 | 12.074 | 12.056 | 12.103 | VV | 391    | 6709   | 0.25%  | 0.020% |
| 157 | 12.142 | 12.103 | 12.169 | VV | 260    | 5789   | 0.22%  | 0.017% |
| 158 | 12.177 | 12.169 | 12.189 | PV | 135    | 1120   | 0.04%  | 0.003% |
| 159 | 12.227 | 12.201 | 12.242 | VV | 284    | 3978   | 0.15%  | 0.012% |
| 160 | 12.290 | 12.242 | 12.316 | VV | 258    | 7034   | 0.26%  | 0.021% |
| 161 | 12.327 | 12.316 | 12.378 | VV | 224    | 4127   | 0.16%  | 0.012% |
| 162 | 12.402 | 12.378 | 12.449 | PV | 323    | 7124   | 0.27%  | 0.021% |
| 163 | 12.461 | 12.449 | 12.494 | VV | 188    | 3470   | 0.13%  | 0.010% |
| 164 | 12.514 | 12.494 | 12.560 | VV | 300    | 5415   | 0.20%  | 0.016% |
| 165 | 12.626 | 12.560 | 12.639 | VV | 494    | 11630  | 0.44%  | 0.034% |
| 166 | 12.655 | 12.639 | 12.711 | VV | 996    | 19252  | 0.72%  | 0.057% |
| 167 | 12.715 | 12.711 | 12.727 | VV | 199    | 1571   | 0.06%  | 0.005% |
| 168 | 12.749 | 12.727 | 12.829 | VV | 2166   | 40914  | 1.54%  | 0.120% |
| 169 | 12.872 | 12.829 | 12.882 | PV | 195    | 2847   | 0.11%  | 0.008% |
| 170 | 12.901 | 12.882 | 12.917 | VV | 193    | 2449   | 0.09%  | 0.007% |
| 171 | 12.935 | 12.917 | 12.949 | VV | 187    | 2337   | 0.09%  | 0.007% |
| 172 | 12.962 | 12.949 | 12.993 | VV | 153    | 3080   | 0.12%  | 0.009% |
| 173 | 13.006 | 12.993 | 13.014 | VV | 159    | 1492   | 0.06%  | 0.004% |
| 174 | 13.047 | 13.014 | 13.072 | VV | 2382   | 38251  | 1.44%  | 0.113% |
| 175 | 13.099 | 13.072 | 13.125 | VV | 30049  | 351955 | 13.23% | 1.036% |
| 176 | 13.140 | 13.125 | 13.164 | VV | 2797   | 36793  | 1.38%  | 0.108% |
| 177 | 13.176 | 13.164 | 13.197 | VV | 678    | 9827   | 0.37%  | 0.029% |
| 178 | 13.207 | 13.197 | 13.239 | VV | 384    | 5966   | 0.22%  | 0.018% |
| 179 | 13.263 | 13.239 | 13.289 | VV | 766    | 10540  | 0.40%  | 0.031% |
| 180 | 13.318 | 13.289 | 13.347 | VV | 780    | 13916  | 0.52%  | 0.041% |
| 181 | 13.364 | 13.347 | 13.414 | VV | 339    | 8288   | 0.31%  | 0.024% |
| 182 | 13.434 | 13.414 | 13.470 | PV | 127    | 3184   | 0.12%  | 0.009% |
| 183 | 13.497 | 13.470 | 13.518 | VV | 661    | 9254   | 0.35%  | 0.027% |
| 184 | 13.542 | 13.518 | 13.562 | VV | 309    | 4429   | 0.17%  | 0.013% |
| 185 | 13.579 | 13.562 | 13.589 | PV | 160    | 1265   | 0.05%  | 0.004% |
| 186 | 13.614 | 13.589 | 13.672 | VV | 835    | 20857  | 0.78%  | 0.061% |
| 187 | 13.690 | 13.672 | 13.719 | VV | 785    | 10564  | 0.40%  | 0.031% |
| 188 | 13.744 | 13.719 | 13.767 | VV | 526    | 9294   | 0.35%  | 0.027% |
| 189 | 13.794 | 13.767 | 13.826 | VV | 561    | 13640  | 0.51%  | 0.040% |
| 190 | 13.843 | 13.826 | 13.869 | VV | 1672   | 23153  | 0.87%  | 0.068% |
| 191 | 13.905 | 13.869 | 13.917 | VV | 795    | 18350  | 0.69%  | 0.054% |
| 192 | 13.936 | 13.917 | 14.012 | VV | 776    | 26041  | 0.98%  | 0.077% |
| 193 | 14.029 | 14.012 | 14.047 | VV | 265    | 2639   | 0.10%  | 0.008% |
| 194 | 14.074 | 14.047 | 14.106 | PV | 516    | 9053   | 0.34%  | 0.027% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 195 | 14.138 | 14.106 | 14.190 | VV | 488    | 13383 | 0.50% | 0.039% |
| 196 | 14.213 | 14.190 | 14.227 | PV | 466    | 5293  | 0.20% | 0.016% |
| 197 | 14.240 | 14.227 | 14.254 | VV | 434    | 4721  | 0.18% | 0.014% |
| 198 | 14.274 | 14.254 | 14.295 | VV | 500    | 8201  | 0.31% | 0.024% |
| 199 | 14.329 | 14.295 | 14.341 | VV | 497    | 9066  | 0.34% | 0.027% |
| 200 | 14.365 | 14.341 | 14.386 | VV | 873    | 13528 | 0.51% | 0.040% |
| 201 | 14.407 | 14.386 | 14.436 | VV | 660    | 10755 | 0.40% | 0.032% |
| 202 | 14.474 | 14.436 | 14.518 | VV | 674    | 17809 | 0.67% | 0.052% |
| 203 | 14.559 | 14.518 | 14.581 | VV | 443    | 10439 | 0.39% | 0.031% |
| 204 | 14.606 | 14.581 | 14.651 | VV | 535    | 9373  | 0.35% | 0.028% |
| 205 | 14.675 | 14.651 | 14.699 | PV | 320    | 7339  | 0.28% | 0.022% |
| 206 | 14.724 | 14.699 | 14.744 | VV | 417    | 6343  | 0.24% | 0.019% |
| 207 | 14.760 | 14.744 | 14.786 | VV | 341    | 4064  | 0.15% | 0.012% |
| 208 | 14.803 | 14.786 | 14.821 | VV | 290    | 3027  | 0.11% | 0.009% |
| 209 | 14.837 | 14.821 | 14.867 | VV | 296    | 4487  | 0.17% | 0.013% |
| 210 | 14.925 | 14.867 | 14.939 | PV | 1518   | 32412 | 1.22% | 0.095% |
| 211 | 14.956 | 14.939 | 15.015 | VV | 1428   | 38231 | 1.44% | 0.113% |
| 212 | 15.048 | 15.015 | 15.072 | VV | 584    | 11889 | 0.45% | 0.035% |
| 213 | 15.084 | 15.072 | 15.113 | VV | 504    | 9387  | 0.35% | 0.028% |
| 214 | 15.134 | 15.113 | 15.169 | VV | 528    | 11223 | 0.42% | 0.033% |
| 215 | 15.180 | 15.169 | 15.191 | VV | 161    | 1511  | 0.06% | 0.004% |
| 216 | 15.232 | 15.191 | 15.247 | PV | 332    | 5056  | 0.19% | 0.015% |
| 217 | 15.271 | 15.247 | 15.309 | VV | 441    | 9992  | 0.38% | 0.029% |
| 218 | 15.339 | 15.309 | 15.369 | VV | 1492   | 31359 | 1.18% | 0.092% |
| 219 | 15.383 | 15.369 | 15.411 | VV | 751    | 13666 | 0.51% | 0.040% |
| 220 | 15.421 | 15.411 | 15.436 | VV | 438    | 4084  | 0.15% | 0.012% |
| 221 | 15.461 | 15.436 | 15.524 | VV | 770    | 19404 | 0.73% | 0.057% |
| 222 | 15.544 | 15.524 | 15.566 | VV | 559    | 7202  | 0.27% | 0.021% |
| 223 | 15.613 | 15.566 | 15.657 | VV | 850    | 29174 | 1.10% | 0.086% |
| 224 | 15.695 | 15.657 | 15.709 | PV | 464    | 6619  | 0.25% | 0.019% |
| 225 | 15.731 | 15.709 | 15.749 | VV | 724    | 11361 | 0.43% | 0.033% |
| 226 | 15.769 | 15.749 | 15.781 | VV | 433    | 7669  | 0.29% | 0.023% |
| 227 | 15.892 | 15.781 | 15.900 | VV | 392    | 17853 | 0.67% | 0.053% |
| 228 | 15.961 | 15.900 | 15.983 | VV | 1102   | 25124 | 0.94% | 0.074% |
| 229 | 16.026 | 15.983 | 16.044 | VV | 572    | 18313 | 0.69% | 0.054% |
| 230 | 16.051 | 16.044 | 16.066 | VV | 484    | 4738  | 0.18% | 0.014% |
| 231 | 16.122 | 16.066 | 16.131 | VV | 322    | 10464 | 0.39% | 0.031% |
| 232 | 16.179 | 16.131 | 16.211 | VV | 931    | 25178 | 0.95% | 0.074% |
| 233 | 16.263 | 16.211 | 16.297 | PV | 979    | 29561 | 1.11% | 0.087% |
| 234 | 16.384 | 16.297 | 16.407 | VV | 661    | 30368 | 1.14% | 0.089% |
| 235 | 16.442 | 16.407 | 16.452 | VV | 1108   | 15532 | 0.58% | 0.046% |
| 236 | 16.476 | 16.452 | 16.496 | VV | 2682   | 42641 | 1.60% | 0.126% |
| 237 | 16.517 | 16.496 | 16.546 | VV | 1150   | 26534 | 1.00% | 0.078% |
| 238 | 16.608 | 16.546 | 16.626 | VV | 1396   | 45713 | 1.72% | 0.135% |
| 239 | 16.664 | 16.626 | 16.691 | VV | 1083   | 28168 | 1.06% | 0.083% |
| 240 | 16.754 | 16.691 | 16.774 | VV | 1069   | 29196 | 1.10% | 0.086% |
| 241 | 16.799 | 16.774 | 16.837 | VV | 1994   | 35284 | 1.33% | 0.104% |
| 242 | 16.862 | 16.837 | 16.880 | VV | 1798   | 26650 | 1.00% | 0.078% |
| 243 | 16.906 | 16.880 | 16.924 | VV | 2297   | 39240 | 1.47% | 0.116% |
| 244 | 16.947 | 16.924 | 16.991 | VV | 2252   | 56176 | 2.11% | 0.165% |
| 245 | 17.012 | 16.991 | 17.040 | VV | 776    | 15065 | 0.57% | 0.044% |
| 246 | 17.056 | 17.040 | 17.064 | VV | 489    | 3344  | 0.13% | 0.010% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 17.092 | 17.064 | 17.109 | PV | 1197   | 15494   | 0.58%  | 0.046% |
| 248 | 17.168 | 17.109 | 17.194 | VV | 1051   | 33692   | 1.27%  | 0.099% |
| 249 | 17.244 | 17.194 | 17.266 | PV | 1330   | 34404   | 1.29%  | 0.101% |
| 250 | 17.352 | 17.266 | 17.379 | VV | 2661   | 63233   | 2.38%  | 0.186% |
| 251 | 17.405 | 17.379 | 17.424 | VV | 1036   | 13494   | 0.51%  | 0.040% |
| 252 | 17.438 | 17.424 | 17.461 | VV | 984    | 12455   | 0.47%  | 0.037% |
| 253 | 17.483 | 17.461 | 17.507 | VV | 1827   | 23566   | 0.89%  | 0.069% |
| 254 | 17.541 | 17.507 | 17.560 | PV | 1307   | 20243   | 0.76%  | 0.060% |
| 255 | 17.571 | 17.560 | 17.584 | VV | 609    | 5950    | 0.22%  | 0.018% |
| 256 | 17.661 | 17.584 | 17.672 | PV | 449    | 11483   | 0.43%  | 0.034% |
| 257 | 17.729 | 17.672 | 17.742 | VV | 761    | 26982   | 1.01%  | 0.079% |
| 258 | 17.791 | 17.742 | 17.832 | VV | 3168   | 85330   | 3.21%  | 0.251% |
| 259 | 17.857 | 17.832 | 17.876 | VV | 725    | 11185   | 0.42%  | 0.033% |
| 260 | 17.952 | 17.876 | 18.024 | PV | 4706   | 125196  | 4.71%  | 0.369% |
| 261 | 18.039 | 18.024 | 18.064 | VV | 945    | 11275   | 0.42%  | 0.033% |
| 262 | 18.161 | 18.064 | 18.187 | VV | 1665   | 61071   | 2.30%  | 0.180% |
| 263 | 18.211 | 18.187 | 18.251 | VV | 2508   | 48316   | 1.82%  | 0.142% |
| 264 | 18.319 | 18.251 | 18.352 | VV | 4777   | 115441  | 4.34%  | 0.340% |
| 265 | 18.362 | 18.352 | 18.376 | VV | 1181   | 12771   | 0.48%  | 0.038% |
| 266 | 18.394 | 18.376 | 18.414 | VV | 1313   | 20690   | 0.78%  | 0.061% |
| 267 | 18.428 | 18.414 | 18.443 | VV | 1418   | 17986   | 0.68%  | 0.053% |
| 268 | 18.491 | 18.443 | 18.525 | VV | 2225   | 71607   | 2.69%  | 0.211% |
| 269 | 18.621 | 18.525 | 18.666 | VV | 4191   | 121165  | 4.55%  | 0.357% |
| 270 | 18.695 | 18.666 | 18.709 | VV | 959    | 16387   | 0.62%  | 0.048% |
| 271 | 18.739 | 18.709 | 18.764 | VV | 4173   | 73242   | 2.75%  | 0.216% |
| 272 | 18.788 | 18.764 | 18.815 | VV | 3544   | 73396   | 2.76%  | 0.216% |
| 273 | 18.958 | 18.815 | 18.967 | VV | 4007   | 228651  | 8.59%  | 0.673% |
| 274 | 19.016 | 18.967 | 19.042 | VV | 6077   | 221967  | 8.34%  | 0.654% |
| 275 | 19.066 | 19.042 | 19.092 | VV | 6782   | 169431  | 6.37%  | 0.499% |
| 276 | 19.138 | 19.092 | 19.149 | VV | 6740   | 199833  | 7.51%  | 0.588% |
| 277 | 19.253 | 19.149 | 19.272 | VV | 6485   | 471727  | 17.73% | 1.389% |
| 278 | 19.400 | 19.272 | 19.426 | VV | 10231  | 740574  | 27.84% | 2.181% |
| 279 | 19.446 | 19.426 | 19.462 | VV | 11037  | 227765  | 8.56%  | 0.671% |
| 280 | 19.494 | 19.462 | 19.507 | VV | 10839  | 284963  | 10.71% | 0.839% |
| 281 | 19.541 | 19.507 | 19.554 | VV | 13044  | 326981  | 12.29% | 0.963% |
| 282 | 19.567 | 19.554 | 19.586 | VV | 12139  | 223854  | 8.41%  | 0.659% |
| 283 | 19.678 | 19.586 | 19.713 | VV | 13712  | 957285  | 35.98% | 2.819% |
| 284 | 19.774 | 19.713 | 19.782 | VV | 15632  | 562277  | 21.13% | 1.656% |
| 285 | 19.800 | 19.782 | 19.807 | VV | 15357  | 227187  | 8.54%  | 0.669% |
| 286 | 19.972 | 19.807 | 19.986 | VV | 19127  | 1821710 | 68.47% | 5.364% |
| 287 | 20.012 | 19.986 | 20.022 | VV | 20675  | 435086  | 16.35% | 1.281% |
| 288 | 20.066 | 20.022 | 20.076 | VV | 23080  | 685960  | 25.78% | 2.020% |
| 289 | 20.084 | 20.076 | 20.106 | VV | 23101  | 401159  | 15.08% | 1.181% |
| 290 | 20.141 | 20.106 | 20.148 | VV | 23992  | 585676  | 22.01% | 1.725% |
| 291 | 20.164 | 20.148 | 20.191 | VV | 24316  | 605077  | 22.74% | 1.782% |
| 292 | 20.225 | 20.191 | 20.260 | VV | 26263  | 1032548 | 38.81% | 3.040% |
| 293 | 20.364 | 20.260 | 20.384 | VV | 29516  | 1996474 | 75.04% | 5.879% |
| 294 | 20.416 | 20.384 | 20.444 | VV | 29796  | 1048608 | 39.41% | 3.088% |
| 295 | 20.450 | 20.444 | 20.461 | VV | 28980  | 289212  | 10.87% | 0.852% |
| 296 | 20.472 | 20.461 | 20.487 | VV | 29049  | 460437  | 17.31% | 1.356% |
| 297 | 20.500 | 20.487 | 20.539 | VV | 28924  | 860304  | 32.34% | 2.533% |
| 298 | 20.556 | 20.539 | 20.591 | VV | 27294  | 802401  | 30.16% | 2.363% |
| 299 | 20.634 | 20.591 | 20.658 | VV | 25356  | 1009010 | 37.93% | 2.971% |

|     |        |        |        |    |                         |          |         |        |
|-----|--------|--------|--------|----|-------------------------|----------|---------|--------|
|     |        |        |        |    | rteres                  |          |         |        |
| 300 | 20.742 | 20.658 | 20.829 | VV | 29028                   | 2660512  | 100.00% | 7.834% |
| 301 | 20.906 | 20.829 | 20.932 | VV | 25279                   | 1489086  | 55.97%  | 4.385% |
| 302 | 20.941 | 20.932 | 20.996 | VV | 22845                   | 807525   | 30.35%  | 2.378% |
| 303 | 21.043 | 20.996 | 21.117 | VV | 21099                   | 1382200  | 51.95%  | 4.070% |
| 304 | 21.131 | 21.117 | 21.164 | VV | 15697                   | 421409   | 15.84%  | 1.241% |
| 305 | 21.176 | 21.164 | 21.194 | VV | 14678                   | 257953   | 9.70%   | 0.760% |
| 306 | 21.207 | 21.194 | 21.216 | VV | 14418                   | 183309   | 6.89%   | 0.540% |
| 307 | 21.229 | 21.216 | 21.241 | VV | 14270                   | 207688   | 7.81%   | 0.612% |
| 308 | 21.322 | 21.241 | 21.449 | VV | 17162                   | 1761844  | 66.22%  | 5.188% |
| 309 | 21.484 | 21.449 | 21.555 | VV | 10888                   | 619377   | 23.28%  | 1.824% |
| 310 | 21.566 | 21.555 | 21.577 | VV | 8653                    | 112734   | 4.24%   | 0.332% |
| 311 | 21.594 | 21.577 | 21.616 | VV | 8329                    | 179561   | 6.75%   | 0.529% |
| 312 | 21.640 | 21.616 | 21.656 | VV | 8423                    | 189409   | 7.12%   | 0.558% |
| 313 | 21.684 | 21.656 | 21.705 | VV | 9018                    | 250580   | 9.42%   | 0.738% |
| 314 | 21.717 | 21.705 | 21.742 | VV | 8268                    | 174745   | 6.57%   | 0.515% |
| 315 | 21.757 | 21.742 | 21.791 | VV | 7306                    | 188880   | 7.10%   | 0.556% |
| 316 | 21.817 | 21.791 | 21.828 | VV | 7468                    | 147738   | 5.55%   | 0.435% |
| 317 | 21.876 | 21.828 | 21.904 | VV | 7954                    | 334317   | 12.57%  | 0.984% |
| 318 | 21.920 | 21.904 | 21.936 | VV | 6907                    | 128846   | 4.84%   | 0.379% |
| 319 | 21.943 | 21.936 | 21.992 | VV | 6609                    | 155017   | 5.83%   | 0.456% |
| 320 | 22.001 | 21.992 | 22.036 | VV | 2845                    | 54394    | 2.04%   | 0.160% |
| 321 | 22.052 | 22.036 | 22.068 | VV | 1189                    | 14862    | 0.56%   | 0.044% |
|     |        |        |        |    | Sum of corrected areas: | 33961061 |         |        |

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