

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061923AL\  
 Data File : FE042737.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Jun 2023 08:16  
 Sample : 03322-02  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061723.M  
 Title : GC Extractables

Signal : FID1B.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         | 3.254       | 3.205        | 3.276      | BV       | 2459           | 26741        | 0.44%          | 0.024%        |
| 2         | 3.289       | 3.276        | 3.311      | VV       | 358            | 5953         | 0.10%          | 0.005%        |
| 3         | 3.323       | 3.311        | 3.391      | VV       | 390            | 6580         | 0.11%          | 0.006%        |
| 4         | 3.435       | 3.391        | 3.468      | PV       | 507            | 10312        | 0.17%          | 0.009%        |
| 5         | 3.479       | 3.468        | 3.501      | VV       | 283            | 4228         | 0.07%          | 0.004%        |
| 6         | 3.518       | 3.501        | 3.568      | VV       | 220            | 5652         | 0.09%          | 0.005%        |
| 7         | 3.588       | 3.568        | 3.602      | VV       | 123            | 1381         | 0.02%          | 0.001%        |
| 8         | 3.624       | 3.602        | 3.644      | PV       | 347            | 5152         | 0.09%          | 0.005%        |
| 9         | 3.660       | 3.644        | 3.672      | VV       | 362            | 4725         | 0.08%          | 0.004%        |
| 10        | 3.677       | 3.672        | 3.695      | VV       | 286            | 3331         | 0.06%          | 0.003%        |
| 11        | 3.730       | 3.695        | 3.743      | VV       | 634            | 11904        | 0.20%          | 0.011%        |
| 12        | 3.761       | 3.743        | 3.802      | VV       | 776            | 19920        | 0.33%          | 0.018%        |
| 13        | 3.837       | 3.802        | 3.871      | VV       | 589            | 10810        | 0.18%          | 0.010%        |
| 14        | 3.894       | 3.871        | 3.920      | VV       | 421            | 5774         | 0.10%          | 0.005%        |
| 15        | 3.942       | 3.920        | 3.968      | VV       | 1071           | 12002        | 0.20%          | 0.011%        |
| 16        | 4.001       | 3.968        | 4.058      | VV       | 439            | 10914        | 0.18%          | 0.010%        |
| 17        | 4.099       | 4.058        | 4.113      | VV       | 356            | 7798         | 0.13%          | 0.007%        |
| 18        | 4.126       | 4.113        | 4.149      | VV       | 389            | 6116         | 0.10%          | 0.005%        |
| 19        | 4.182       | 4.149        | 4.225      | VV       | 598            | 15032        | 0.25%          | 0.013%        |
| 20        | 4.261       | 4.225        | 4.313      | VV       | 1436           | 34709        | 0.57%          | 0.031%        |
| 21        | 4.329       | 4.313        | 4.358      | VV       | 591            | 11644        | 0.19%          | 0.010%        |
| 22        | 4.372       | 4.358        | 4.408      | VV       | 399            | 7238         | 0.12%          | 0.006%        |
| 23        | 4.454       | 4.408        | 4.477      | VV       | 298            | 7434         | 0.12%          | 0.007%        |
| 24        | 4.516       | 4.477        | 4.529      | VV       | 282            | 6650         | 0.11%          | 0.006%        |
| 25        | 4.560       | 4.529        | 4.584      | VV       | 548            | 9331         | 0.15%          | 0.008%        |
| 26        | 4.595       | 4.584        | 4.611      | VV       | 278            | 3521         | 0.06%          | 0.003%        |
| 27        | 4.632       | 4.611        | 4.659      | VV       | 354            | 6388         | 0.11%          | 0.006%        |
| 28        | 4.681       | 4.659        | 4.699      | VV       | 166            | 2793         | 0.05%          | 0.002%        |
| 29        | 4.729       | 4.699        | 4.752      | VV       | 317            | 6462         | 0.11%          | 0.006%        |
| 30        | 4.792       | 4.752        | 4.823      | VV       | 897            | 21265        | 0.35%          | 0.019%        |
| 31        | 4.844       | 4.823        | 4.861      | VV       | 619            | 9480         | 0.16%          | 0.008%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 4.870 | 4.861 | 4.881 | VV | 372    | 3285  | 0.05% | 0.003% |
| 33 | 4.924 | 4.881 | 4.941 | VV | 341    | 9222  | 0.15% | 0.008% |
| 34 | 4.959 | 4.941 | 4.967 | VV | 288    | 3535  | 0.06% | 0.003% |
| 35 | 5.001 | 4.967 | 5.018 | VV | 733    | 12158 | 0.20% | 0.011% |
| 36 | 5.029 | 5.018 | 5.048 | VV | 405    | 6300  | 0.10% | 0.006% |
| 37 | 5.071 | 5.048 | 5.111 | VV | 562    | 12686 | 0.21% | 0.011% |
| 38 | 5.129 | 5.111 | 5.198 | VV | 367    | 11973 | 0.20% | 0.011% |
| 39 | 5.241 | 5.198 | 5.253 | VV | 346    | 6628  | 0.11% | 0.006% |
| 40 | 5.266 | 5.253 | 5.291 | VV | 339    | 4949  | 0.08% | 0.004% |
| 41 | 5.341 | 5.291 | 5.420 | VV | 490    | 22086 | 0.36% | 0.020% |
| 42 | 5.446 | 5.420 | 5.488 | VV | 318    | 8056  | 0.13% | 0.007% |
| 43 | 5.505 | 5.488 | 5.521 | VV | 607    | 7384  | 0.12% | 0.007% |
| 44 | 5.541 | 5.521 | 5.551 | VV | 324    | 5143  | 0.08% | 0.005% |
| 45 | 5.575 | 5.551 | 5.592 | VV | 311    | 5983  | 0.10% | 0.005% |
| 46 | 5.605 | 5.592 | 5.618 | VV | 224    | 2848  | 0.05% | 0.003% |
| 47 | 5.634 | 5.618 | 5.661 | VV | 188    | 3169  | 0.05% | 0.003% |
| 48 | 5.668 | 5.661 | 5.680 | VV | 98     | 947   | 0.02% | 0.001% |
| 49 | 5.703 | 5.680 | 5.781 | VV | 770    | 20809 | 0.34% | 0.019% |
| 50 | 5.801 | 5.781 | 5.860 | VV | 330    | 9709  | 0.16% | 0.009% |
| 51 | 5.883 | 5.860 | 5.916 | VV | 666    | 10436 | 0.17% | 0.009% |
| 52 | 5.937 | 5.916 | 5.951 | VV | 191    | 2600  | 0.04% | 0.002% |
| 53 | 6.011 | 5.951 | 6.051 | VV | 538    | 20344 | 0.34% | 0.018% |
| 54 | 6.066 | 6.051 | 6.101 | VV | 269    | 5957  | 0.10% | 0.005% |
| 55 | 6.115 | 6.101 | 6.158 | VV | 251    | 4251  | 0.07% | 0.004% |
| 56 | 6.179 | 6.158 | 6.208 | PV | 305    | 4511  | 0.07% | 0.004% |
| 57 | 6.231 | 6.208 | 6.250 | VV | 349    | 4713  | 0.08% | 0.004% |
| 58 | 6.276 | 6.250 | 6.321 | VV | 1095   | 22658 | 0.37% | 0.020% |
| 59 | 6.326 | 6.321 | 6.347 | VV | 347    | 3868  | 0.06% | 0.003% |
| 60 | 6.374 | 6.347 | 6.395 | VV | 365    | 6260  | 0.10% | 0.006% |
| 61 | 6.439 | 6.395 | 6.481 | VV | 447    | 12498 | 0.21% | 0.011% |
| 62 | 6.502 | 6.481 | 6.514 | VV | 214    | 2960  | 0.05% | 0.003% |
| 63 | 6.524 | 6.514 | 6.549 | VV | 204    | 3720  | 0.06% | 0.003% |
| 64 | 6.573 | 6.549 | 6.635 | VV | 393    | 11255 | 0.19% | 0.010% |
| 65 | 6.651 | 6.635 | 6.668 | VV | 285    | 4557  | 0.08% | 0.004% |
| 66 | 6.678 | 6.668 | 6.708 | VV | 325    | 5873  | 0.10% | 0.005% |
| 67 | 6.731 | 6.708 | 6.801 | VV | 641    | 13177 | 0.22% | 0.012% |
| 68 | 6.814 | 6.801 | 6.847 | VV | 369    | 4591  | 0.08% | 0.004% |
| 69 | 6.884 | 6.847 | 6.908 | VV | 699    | 11045 | 0.18% | 0.010% |
| 70 | 6.922 | 6.908 | 6.978 | VV | 467    | 7228  | 0.12% | 0.006% |
| 71 | 7.016 | 6.978 | 7.033 | VV | 211    | 3311  | 0.05% | 0.003% |
| 72 | 7.060 | 7.033 | 7.104 | PV | 408    | 8547  | 0.14% | 0.008% |
| 73 | 7.137 | 7.104 | 7.161 | VV | 419    | 7423  | 0.12% | 0.007% |
| 74 | 7.205 | 7.161 | 7.218 | VV | 414    | 8673  | 0.14% | 0.008% |
| 75 | 7.235 | 7.218 | 7.255 | VV | 836    | 12518 | 0.21% | 0.011% |
| 76 | 7.268 | 7.255 | 7.294 | VV | 646    | 12061 | 0.20% | 0.011% |
| 77 | 7.304 | 7.294 | 7.334 | VV | 371    | 6633  | 0.11% | 0.006% |
| 78 | 7.370 | 7.334 | 7.417 | VV | 524    | 17799 | 0.29% | 0.016% |
| 79 | 7.453 | 7.417 | 7.491 | VV | 792    | 18687 | 0.31% | 0.017% |

|     |        |        |        |    |      |        |       |        |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 80  | 7.508  | 7.491  | 7.533  | VV | 503  | 6700   | 0.11% | 0.006% |
| 81  | 7.552  | 7.533  | 7.571  | VV | 498  | 6087   | 0.10% | 0.005% |
| 82  | 7.584  | 7.571  | 7.611  | VV | 213  | 3689   | 0.06% | 0.003% |
| 83  | 7.635  | 7.611  | 7.648  | VV | 220  | 3712   | 0.06% | 0.003% |
| 84  | 7.681  | 7.648  | 7.716  | VV | 1040 | 18852  | 0.31% | 0.017% |
| 85  | 7.743  | 7.716  | 7.782  | VV | 397  | 8786   | 0.15% | 0.008% |
| 86  | 7.806  | 7.782  | 7.836  | VV | 241  | 5006   | 0.08% | 0.004% |
| 87  | 7.856  | 7.836  | 7.887  | VV | 375  | 4772   | 0.08% | 0.004% |
| 88  | 7.904  | 7.887  | 7.934  | VV | 98   | 1387   | 0.02% | 0.001% |
| 89  | 8.107  | 8.087  | 8.191  | VV | 1778 | 76622  | 1.27% | 0.068% |
| 90  | 8.208  | 8.191  | 8.232  | VV | 739  | 15481  | 0.26% | 0.014% |
| 91  | 8.254  | 8.232  | 8.268  | VV | 911  | 15821  | 0.26% | 0.014% |
| 92  | 8.293  | 8.268  | 8.350  | VV | 1039 | 35024  | 0.58% | 0.031% |
| 93  | 8.381  | 8.350  | 8.418  | VV | 1257 | 31263  | 0.52% | 0.028% |
| 94  | 8.488  | 8.418  | 8.504  | VV | 1590 | 41772  | 0.69% | 0.037% |
| 95  | 8.517  | 8.504  | 8.531  | VV | 1091 | 14525  | 0.24% | 0.013% |
| 96  | 8.561  | 8.531  | 8.619  | VV | 2292 | 60478  | 1.00% | 0.054% |
| 97  | 8.639  | 8.619  | 8.650  | VV | 946  | 13208  | 0.22% | 0.012% |
| 98  | 8.675  | 8.650  | 8.705  | VV | 4837 | 75597  | 1.25% | 0.068% |
| 99  | 8.721  | 8.705  | 8.751  | VV | 1623 | 28758  | 0.47% | 0.026% |
| 100 | 8.763  | 8.751  | 8.779  | VV | 657  | 8771   | 0.14% | 0.008% |
| 101 | 8.799  | 8.779  | 8.845  | VV | 1376 | 26789  | 0.44% | 0.024% |
| 102 | 8.970  | 8.958  | 9.006  | VV | 3331 | 73146  | 1.21% | 0.065% |
| 103 | 9.019  | 9.006  | 9.044  | VV | 1967 | 37335  | 0.62% | 0.033% |
| 104 | 9.058  | 9.044  | 9.070  | VV | 1432 | 21106  | 0.35% | 0.019% |
| 105 | 9.092  | 9.070  | 9.139  | VV | 1944 | 54869  | 0.91% | 0.049% |
| 106 | 9.155  | 9.139  | 9.172  | VV | 854  | 15493  | 0.26% | 0.014% |
| 107 | 9.215  | 9.172  | 9.233  | VV | 1273 | 33701  | 0.56% | 0.030% |
| 108 | 9.250  | 9.233  | 9.271  | VV | 1099 | 20224  | 0.33% | 0.018% |
| 109 | 9.305  | 9.271  | 9.368  | VV | 1387 | 57766  | 0.95% | 0.052% |
| 110 | 9.387  | 9.368  | 9.409  | VV | 2609 | 38137  | 0.63% | 0.034% |
| 111 | 9.427  | 9.409  | 9.464  | VV | 1851 | 33566  | 0.55% | 0.030% |
| 112 | 9.484  | 9.464  | 9.510  | VV | 700  | 16195  | 0.27% | 0.014% |
| 113 | 9.541  | 9.510  | 9.560  | VV | 1767 | 28140  | 0.46% | 0.025% |
| 114 | 9.576  | 9.560  | 9.606  | VV | 1274 | 22124  | 0.37% | 0.020% |
| 115 | 9.628  | 9.606  | 9.648  | VV | 1167 | 19791  | 0.33% | 0.018% |
| 116 | 9.680  | 9.648  | 9.704  | VV | 1304 | 29575  | 0.49% | 0.026% |
| 117 | 9.723  | 9.704  | 9.744  | VV | 1752 | 26600  | 0.44% | 0.024% |
| 118 | 9.766  | 9.744  | 9.814  | VV | 1955 | 54656  | 0.90% | 0.049% |
| 119 | 9.841  | 9.814  | 9.875  | VV | 1532 | 35552  | 0.59% | 0.032% |
| 120 | 9.910  | 9.875  | 9.931  | VV | 1519 | 32277  | 0.53% | 0.029% |
| 121 | 9.943  | 9.931  | 9.956  | VV | 859  | 11835  | 0.20% | 0.011% |
| 122 | 9.970  | 9.956  | 10.007 | VV | 841  | 19831  | 0.33% | 0.018% |
| 123 | 10.043 | 10.007 | 10.073 | VV | 9630 | 144184 | 2.38% | 0.129% |
| 124 | 10.084 | 10.073 | 10.151 | VV | 1905 | 58363  | 0.96% | 0.052% |
| 125 | 10.170 | 10.151 | 10.234 | VV | 2137 | 53856  | 0.89% | 0.048% |
| 126 | 10.278 | 10.234 | 10.328 | VV | 627  | 23521  | 0.39% | 0.021% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 10.343 | 10.328 | 10.408 | VV | 569    | 13148   | 0.22%  | 0.012% |
| 128 | 10.433 | 10.408 | 10.458 | PV | 144    | 3282    | 0.05%  | 0.003% |
| 129 | 10.472 | 10.458 | 10.481 | VV | 252    | 2977    | 0.05%  | 0.003% |
| 130 | 10.512 | 10.481 | 10.538 | VV | 1897   | 28004   | 0.46%  | 0.025% |
| 131 | 10.557 | 10.538 | 10.583 | VV | 1084   | 17115   | 0.28%  | 0.015% |
| 132 | 10.617 | 10.583 | 10.628 | VV | 1464   | 23778   | 0.39%  | 0.021% |
| 133 | 10.646 | 10.628 | 10.671 | VV | 1987   | 33842   | 0.56%  | 0.030% |
| 134 | 10.689 | 10.671 | 10.730 | VV | 1548   | 29052   | 0.48%  | 0.026% |
| 135 | 10.764 | 10.730 | 10.803 | VV | 1935   | 39716   | 0.66%  | 0.036% |
| 136 | 10.827 | 10.803 | 10.851 | VV | 1386   | 28295   | 0.47%  | 0.025% |
| 137 | 10.860 | 10.851 | 10.875 | VV | 745    | 9759    | 0.16%  | 0.009% |
| 138 | 10.907 | 10.875 | 10.921 | VV | 1906   | 32009   | 0.53%  | 0.029% |
| 139 | 10.933 | 10.921 | 10.950 | VV | 1748   | 22575   | 0.37%  | 0.020% |
| 140 | 10.977 | 10.950 | 11.029 | VV | 2984   | 64762   | 1.07%  | 0.058% |
| 141 | 11.043 | 11.029 | 11.054 | VV | 669    | 8569    | 0.14%  | 0.008% |
| 142 | 11.068 | 11.054 | 11.091 | VV | 664    | 11410   | 0.19%  | 0.010% |
| 143 | 11.105 | 11.091 | 11.118 | VV | 462    | 6293    | 0.10%  | 0.006% |
| 144 | 11.136 | 11.118 | 11.144 | VV | 525    | 7358    | 0.12%  | 0.007% |
| 145 | 11.170 | 11.144 | 11.221 | VV | 22517  | 291891  | 4.82%  | 0.261% |
| 146 | 11.247 | 11.221 | 11.333 | VV | 8064   | 138792  | 2.29%  | 0.124% |
| 147 | 11.356 | 11.333 | 11.405 | VV | 471    | 11051   | 0.18%  | 0.010% |
| 148 | 11.427 | 11.405 | 11.451 | PV | 147    | 2610    | 0.04%  | 0.002% |
| 149 | 11.477 | 11.451 | 11.501 | VV | 1342   | 21406   | 0.35%  | 0.019% |
| 150 | 11.539 | 11.501 | 11.551 | VV | 961    | 20182   | 0.33%  | 0.018% |
| 151 | 11.567 | 11.551 | 11.588 | VV | 1085   | 19072   | 0.32%  | 0.017% |
| 152 | 11.612 | 11.588 | 11.635 | VV | 1749   | 27756   | 0.46%  | 0.025% |
| 153 | 11.659 | 11.635 | 11.674 | VV | 942    | 17215   | 0.28%  | 0.015% |
| 154 | 11.701 | 11.674 | 11.735 | VV | 3567   | 57227   | 0.95%  | 0.051% |
| 155 | 11.768 | 11.735 | 11.791 | PV | 1398   | 21039   | 0.35%  | 0.019% |
| 156 | 11.823 | 11.791 | 11.845 | VV | 1430   | 27947   | 0.46%  | 0.025% |
| 157 | 11.868 | 11.845 | 11.892 | VV | 986    | 17149   | 0.28%  | 0.015% |
| 158 | 11.935 | 11.892 | 11.961 | VV | 523030 | 5862884 | 96.84% | 5.241% |
| 159 | 11.974 | 11.961 | 11.990 | VV | 8079   | 96411   | 1.59%  | 0.086% |
| 160 | 12.006 | 11.990 | 12.048 | VV | 9128   | 128996  | 2.13%  | 0.115% |
| 161 | 12.088 | 12.048 | 12.107 | VV | 8261   | 142991  | 2.36%  | 0.128% |
| 162 | 12.123 | 12.107 | 12.138 | VV | 6921   | 85664   | 1.41%  | 0.077% |
| 163 | 12.154 | 12.138 | 12.198 | VV | 8097   | 109199  | 1.80%  | 0.098% |
| 164 | 12.223 | 12.198 | 12.243 | PV | 395    | 6566    | 0.11%  | 0.006% |
| 165 | 12.280 | 12.243 | 12.321 | VV | 1451   | 36195   | 0.60%  | 0.032% |
| 166 | 12.345 | 12.321 | 12.361 | VV | 2085   | 30807   | 0.51%  | 0.028% |
| 167 | 12.373 | 12.361 | 12.421 | VV | 1764   | 30353   | 0.50%  | 0.027% |
| 168 | 12.447 | 12.421 | 12.489 | VV | 3336   | 59026   | 0.97%  | 0.053% |
| 169 | 12.533 | 12.489 | 12.571 | VV | 27846  | 310056  | 5.12%  | 0.277% |
| 170 | 12.589 | 12.571 | 12.608 | VV | 1197   | 17227   | 0.28%  | 0.015% |
| 171 | 12.623 | 12.608 | 12.634 | VV | 614    | 7025    | 0.12%  | 0.006% |
| 172 | 12.652 | 12.634 | 12.665 | VV | 895    | 12234   | 0.20%  | 0.011% |
| 173 | 12.720 | 12.665 | 12.745 | VV | 1389   | 43473   | 0.72%  | 0.039% |
| 174 | 12.766 | 12.745 | 12.806 | VV | 2824   | 53542   | 0.88%  | 0.048% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 175 | 12.831 | 12.806 | 12.853 | VV | rteres<br>3934 | 57721   | 0.95%  | 0.052% |
| 176 | 12.874 | 12.853 | 12.894 | VV | 9075           | 124500  | 2.06%  | 0.111% |
| 177 | 12.915 | 12.894 | 12.965 | VV | 4544           | 131300  | 2.17%  | 0.117% |
| 178 | 12.991 | 12.965 | 13.049 | VV | 76392          | 937618  | 15.49% | 0.838% |
| 179 | 13.056 | 13.049 | 13.075 | VV | 320            | 4023    | 0.07%  | 0.004% |
| 180 | 13.088 | 13.075 | 13.104 | VV | 792            | 8152    | 0.13%  | 0.007% |
| 181 | 13.147 | 13.104 | 13.161 | VV | 2526           | 57067   | 0.94%  | 0.051% |
| 182 | 13.178 | 13.161 | 13.193 | VV | 3138           | 41942   | 0.69%  | 0.037% |
| 183 | 13.206 | 13.193 | 13.261 | VV | 2318           | 57645   | 0.95%  | 0.052% |
| 184 | 13.290 | 13.261 | 13.327 | PV | 72667          | 872619  | 14.41% | 0.780% |
| 185 | 13.372 | 13.327 | 13.411 | VV | 374023         | 4584979 | 75.73% | 4.099% |
| 186 | 13.424 | 13.411 | 13.443 | VV | 1088           | 17773   | 0.29%  | 0.016% |
| 187 | 13.466 | 13.443 | 13.482 | VV | 2247           | 35104   | 0.58%  | 0.031% |
| 188 | 13.493 | 13.482 | 13.515 | VV | 1397           | 18219   | 0.30%  | 0.016% |
| 189 | 13.535 | 13.515 | 13.543 | PV | 1447           | 13468   | 0.22%  | 0.012% |
| 190 | 13.563 | 13.543 | 13.597 | VV | 3499           | 65011   | 1.07%  | 0.058% |
| 191 | 13.621 | 13.597 | 13.661 | VV | 2305           | 39506   | 0.65%  | 0.035% |
| 192 | 13.688 | 13.661 | 13.699 | PV | 2418           | 28654   | 0.47%  | 0.026% |
| 193 | 13.711 | 13.699 | 13.727 | VV | 2069           | 28685   | 0.47%  | 0.026% |
| 194 | 13.752 | 13.727 | 13.825 | VV | 6102           | 125058  | 2.07%  | 0.112% |
| 195 | 13.881 | 13.825 | 13.927 | PV | 13378          | 253554  | 4.19%  | 0.227% |
| 196 | 13.946 | 13.927 | 13.964 | VV | 1549           | 21815   | 0.36%  | 0.020% |
| 197 | 13.989 | 13.964 | 14.008 | VV | 6662           | 88743   | 1.47%  | 0.079% |
| 198 | 14.028 | 14.008 | 14.052 | VV | 8874           | 119112  | 1.97%  | 0.106% |
| 199 | 14.064 | 14.052 | 14.090 | VV | 2067           | 31403   | 0.52%  | 0.028% |
| 200 | 14.120 | 14.090 | 14.138 | VV | 3718           | 70010   | 1.16%  | 0.063% |
| 201 | 14.157 | 14.138 | 14.179 | VV | 9037           | 126186  | 2.08%  | 0.113% |
| 202 | 14.198 | 14.179 | 14.241 | VV | 7475           | 106174  | 1.75%  | 0.095% |
| 203 | 14.277 | 14.241 | 14.295 | VV | 1026           | 20585   | 0.34%  | 0.018% |
| 204 | 14.326 | 14.295 | 14.335 | VV | 716            | 12404   | 0.20%  | 0.011% |
| 205 | 14.355 | 14.335 | 14.378 | VV | 823            | 15688   | 0.26%  | 0.014% |
| 206 | 14.386 | 14.378 | 14.399 | VV | 517            | 4946    | 0.08%  | 0.004% |
| 207 | 14.408 | 14.399 | 14.424 | VV | 441            | 3995    | 0.07%  | 0.004% |
| 208 | 14.468 | 14.424 | 14.485 | PV | 947            | 15956   | 0.26%  | 0.014% |
| 209 | 14.584 | 14.485 | 14.601 | VV | 3372           | 116513  | 1.92%  | 0.104% |
| 210 | 14.623 | 14.601 | 14.655 | VV | 5554           | 99700   | 1.65%  | 0.089% |
| 211 | 14.686 | 14.655 | 14.703 | VV | 3179           | 54115   | 0.89%  | 0.048% |
| 212 | 14.720 | 14.703 | 14.766 | VV | 3108           | 64197   | 1.06%  | 0.057% |
| 213 | 14.795 | 14.766 | 14.834 | VV | 6424           | 124131  | 2.05%  | 0.111% |
| 214 | 14.858 | 14.834 | 14.883 | VV | 11064          | 161865  | 2.67%  | 0.145% |
| 215 | 14.926 | 14.883 | 14.957 | VV | 5441           | 110226  | 1.82%  | 0.099% |
| 216 | 14.980 | 14.957 | 14.999 | VV | 1386           | 20025   | 0.33%  | 0.018% |
| 217 | 15.047 | 14.999 | 15.081 | VV | 2172           | 60769   | 1.00%  | 0.054% |
| 218 | 15.128 | 15.081 | 15.140 | PV | 1926           | 22218   | 0.37%  | 0.020% |
| 219 | 15.170 | 15.140 | 15.191 | VV | 35510          | 480814  | 7.94%  | 0.430% |
| 220 | 15.211 | 15.191 | 15.247 | VV | 35027          | 501227  | 8.28%  | 0.448% |
| 221 | 15.262 | 15.247 | 15.290 | VV | 1243           | 22975   | 0.38%  | 0.021% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 222 | 15.332 | 15.290 | 15.388 | VV | 8555   | 166932 | 2.76%  | 0.149% |
| 223 | 15.420 | 15.388 | 15.451 | VV | 1455   | 37204  | 0.61%  | 0.033% |
| 224 | 15.482 | 15.451 | 15.498 | PV | 2889   | 44953  | 0.74%  | 0.040% |
| 225 | 15.516 | 15.498 | 15.549 | VV | 2804   | 63630  | 1.05%  | 0.057% |
| 226 | 15.568 | 15.549 | 15.576 | VV | 1217   | 17339  | 0.29%  | 0.015% |
| 227 | 15.623 | 15.576 | 15.695 | VV | 12958  | 353795 | 5.84%  | 0.316% |
| 228 | 15.754 | 15.695 | 15.780 | VV | 2180   | 69130  | 1.14%  | 0.062% |
| 229 | 15.844 | 15.780 | 15.866 | VV | 11144  | 230552 | 3.81%  | 0.206% |
| 230 | 15.883 | 15.866 | 15.912 | VV | 4855   | 72211  | 1.19%  | 0.065% |
| 231 | 15.931 | 15.912 | 15.957 | VV | 1942   | 32770  | 0.54%  | 0.029% |
| 232 | 16.007 | 15.957 | 16.038 | VV | 5604   | 157039 | 2.59%  | 0.140% |
| 233 | 16.080 | 16.038 | 16.105 | VV | 2020   | 36083  | 0.60%  | 0.032% |
| 234 | 16.133 | 16.105 | 16.144 | PV | 339    | 4897   | 0.08%  | 0.004% |
| 235 | 16.168 | 16.144 | 16.189 | VV | 1658   | 20339  | 0.34%  | 0.018% |
| 236 | 16.219 | 16.189 | 16.228 | PV | 1324   | 15241  | 0.25%  | 0.014% |
| 237 | 16.248 | 16.228 | 16.261 | VV | 1720   | 25528  | 0.42%  | 0.023% |
| 238 | 16.280 | 16.261 | 16.297 | VV | 1637   | 25860  | 0.43%  | 0.023% |
| 239 | 16.312 | 16.297 | 16.330 | VV | 983    | 10437  | 0.17%  | 0.009% |
| 240 | 16.383 | 16.330 | 16.393 | PV | 431    | 9419   | 0.16%  | 0.008% |
| 241 | 16.443 | 16.393 | 16.458 | PV | 2117   | 38307  | 0.63%  | 0.034% |
| 242 | 16.479 | 16.458 | 16.500 | VV | 1901   | 37957  | 0.63%  | 0.034% |
| 243 | 16.542 | 16.500 | 16.569 | VV | 4586   | 107861 | 1.78%  | 0.096% |
| 244 | 16.644 | 16.569 | 16.686 | VV | 4950   | 151093 | 2.50%  | 0.135% |
| 245 | 16.731 | 16.686 | 16.792 | VV | 43085  | 817885 | 13.51% | 0.731% |
| 246 | 16.813 | 16.792 | 16.836 | VV | 1016   | 20354  | 0.34%  | 0.018% |
| 247 | 16.862 | 16.836 | 16.909 | PV | 7743   | 119169 | 1.97%  | 0.107% |
| 248 | 16.924 | 16.909 | 16.937 | VV | 870    | 9897   | 0.16%  | 0.009% |
| 249 | 16.954 | 16.937 | 16.968 | VV | 820    | 7259   | 0.12%  | 0.006% |
| 250 | 17.052 | 16.968 | 17.083 | VV | 26326  | 470221 | 7.77%  | 0.420% |
| 251 | 17.111 | 17.083 | 17.157 | VV | 32518  | 447541 | 7.39%  | 0.400% |
| 252 | 17.213 | 17.157 | 17.245 | VV | 9872   | 208296 | 3.44%  | 0.186% |
| 253 | 17.259 | 17.245 | 17.304 | VV | 2607   | 54609  | 0.90%  | 0.049% |
| 254 | 17.369 | 17.304 | 17.395 | PV | 2824   | 88125  | 1.46%  | 0.079% |
| 255 | 17.417 | 17.395 | 17.427 | VV | 2308   | 31232  | 0.52%  | 0.028% |
| 256 | 17.477 | 17.427 | 17.488 | VV | 5671   | 116272 | 1.92%  | 0.104% |
| 257 | 17.520 | 17.488 | 17.551 | VV | 3451   | 105463 | 1.74%  | 0.094% |
| 258 | 17.616 | 17.551 | 17.626 | VV | 5295   | 135416 | 2.24%  | 0.121% |
| 259 | 17.643 | 17.626 | 17.671 | VV | 6566   | 111188 | 1.84%  | 0.099% |
| 260 | 17.697 | 17.671 | 17.707 | VV | 3571   | 57922  | 0.96%  | 0.052% |
| 261 | 17.728 | 17.707 | 17.746 | VV | 4086   | 75550  | 1.25%  | 0.068% |
| 262 | 17.771 | 17.746 | 17.794 | VV | 6589   | 118440 | 1.96%  | 0.106% |
| 263 | 17.816 | 17.794 | 17.838 | VV | 3454   | 67572  | 1.12%  | 0.060% |
| 264 | 17.844 | 17.838 | 17.859 | VV | 2051   | 19040  | 0.31%  | 0.017% |
| 265 | 17.911 | 17.859 | 17.925 | VV | 1653   | 53884  | 0.89%  | 0.048% |
| 266 | 17.942 | 17.925 | 17.964 | VV | 1471   | 20155  | 0.33%  | 0.018% |
| 267 | 17.987 | 17.964 | 18.005 | PV | 2282   | 29783  | 0.49%  | 0.027% |
| 268 | 18.086 | 18.005 | 18.118 | VV | 7140   | 181180 | 2.99%  | 0.162% |
| 269 | 18.182 | 18.118 | 18.191 | PV | 2783   | 34698  | 0.57%  | 0.031% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 270 | 18.275 | 18.191 | 18.302 | VV | rteres<br>5173 | 241152  | 3.98%  | 0.216% |
| 271 | 18.338 | 18.302 | 18.357 | VV | 5151           | 126432  | 2.09%  | 0.113% |
| 272 | 18.394 | 18.357 | 18.425 | VV | 10887          | 300473  | 4.96%  | 0.269% |
| 273 | 18.485 | 18.425 | 18.543 | VV | 28129          | 874836  | 14.45% | 0.782% |
| 274 | 18.614 | 18.543 | 18.631 | VV | 11208          | 396248  | 6.54%  | 0.354% |
| 275 | 18.648 | 18.631 | 18.693 | VV | 9934           | 267708  | 4.42%  | 0.239% |
| 276 | 18.739 | 18.693 | 18.778 | VV | 26125          | 544513  | 8.99%  | 0.487% |
| 277 | 18.821 | 18.778 | 18.838 | VV | 8449           | 254472  | 4.20%  | 0.227% |
| 278 | 18.875 | 18.838 | 18.889 | VV | 13466          | 305482  | 5.05%  | 0.273% |
| 279 | 18.914 | 18.889 | 18.948 | VV | 16964          | 458978  | 7.58%  | 0.410% |
| 280 | 19.022 | 18.948 | 19.032 | VV | 12865          | 544234  | 8.99%  | 0.487% |
| 281 | 19.076 | 19.032 | 19.104 | VV | 15637          | 576476  | 9.52%  | 0.515% |
| 282 | 19.122 | 19.104 | 19.134 | VV | 13011          | 226906  | 3.75%  | 0.203% |
| 283 | 19.175 | 19.134 | 19.183 | VV | 15126          | 372487  | 6.15%  | 0.333% |
| 284 | 19.198 | 19.183 | 19.209 | VV | 17610          | 249255  | 4.12%  | 0.223% |
| 285 | 19.257 | 19.209 | 19.271 | VV | 18202          | 601683  | 9.94%  | 0.538% |
| 286 | 19.311 | 19.271 | 19.341 | VV | 22973          | 843850  | 13.94% | 0.754% |
| 287 | 19.425 | 19.341 | 19.434 | VV | 20471          | 1050371 | 17.35% | 0.939% |
| 288 | 19.442 | 19.434 | 19.466 | VV | 20974          | 362184  | 5.98%  | 0.324% |
| 289 | 19.502 | 19.466 | 19.511 | VV | 20870          | 508985  | 8.41%  | 0.455% |
| 290 | 19.636 | 19.511 | 19.648 | VV | 34688          | 2278858 | 37.64% | 2.037% |
| 291 | 19.669 | 19.648 | 19.685 | VV | 34766          | 729493  | 12.05% | 0.652% |
| 292 | 19.704 | 19.685 | 19.719 | VV | 36718          | 724760  | 11.97% | 0.648% |
| 293 | 19.730 | 19.719 | 19.742 | VV | 35558          | 460008  | 7.60%  | 0.411% |
| 294 | 19.764 | 19.742 | 19.800 | VV | 37196          | 1157032 | 19.11% | 1.034% |
| 295 | 19.855 | 19.800 | 19.866 | VV | 36631          | 1282217 | 21.18% | 1.146% |
| 296 | 19.899 | 19.866 | 19.917 | VV | 45057          | 1233591 | 20.37% | 1.103% |
| 297 | 19.970 | 19.917 | 19.998 | VV | 53224          | 2279219 | 37.65% | 2.037% |
| 298 | 20.023 | 19.998 | 20.040 | VV | 50537          | 1205119 | 19.90% | 1.077% |
| 299 | 20.081 | 20.040 | 20.101 | VV | 53178          | 1870798 | 30.90% | 1.672% |
| 300 | 20.112 | 20.101 | 20.123 | VV | 52508          | 666596  | 11.01% | 0.596% |
| 301 | 20.135 | 20.123 | 20.148 | VV | 51486          | 750041  | 12.39% | 0.670% |
| 302 | 20.190 | 20.148 | 20.211 | VV | 49126          | 1813553 | 29.95% | 1.621% |
| 303 | 20.222 | 20.211 | 20.233 | VV | 46987          | 617143  | 10.19% | 0.552% |
| 304 | 20.279 | 20.233 | 20.299 | VV | 60986          | 2091640 | 34.55% | 1.870% |
| 305 | 20.421 | 20.299 | 20.430 | VV | 76465          | 5305001 | 87.62% | 4.742% |
| 306 | 20.468 | 20.430 | 20.515 | VV | 77923          | 3660110 | 60.45% | 3.272% |
| 307 | 20.551 | 20.515 | 20.562 | VV | 72997          | 1986526 | 32.81% | 1.776% |
| 308 | 20.616 | 20.562 | 20.624 | VV | 84174          | 2828475 | 46.72% | 2.528% |
| 309 | 20.645 | 20.624 | 20.656 | VV | 88409          | 1589204 | 26.25% | 1.421% |
| 310 | 20.694 | 20.656 | 20.751 | VV | 94613          | 5005133 | 82.67% | 4.474% |
| 311 | 20.760 | 20.751 | 20.778 | VV | 76882          | 1183358 | 19.55% | 1.058% |
| 312 | 20.812 | 20.778 | 20.834 | VV | 75575          | 2436340 | 40.24% | 2.178% |
| 313 | 20.913 | 20.834 | 20.941 | VV | 85366          | 5124213 | 84.64% | 4.581% |
| 314 | 20.954 | 20.941 | 20.970 | VV | 84299          | 1466373 | 24.22% | 1.311% |
| 315 | 20.984 | 20.970 | 21.089 | VV | 83925          | 4902688 | 80.98% | 4.383% |
| 316 | 21.110 | 21.089 | 21.123 | VV | 53062          | 1046976 | 17.29% | 0.936% |

|     |        |        |        |    |                         |           |         |        |
|-----|--------|--------|--------|----|-------------------------|-----------|---------|--------|
|     |        |        |        |    | rteres                  |           |         |        |
| 317 | 21.219 | 21.123 | 21.291 | VV | 65737                   | 5781195   | 95.49%  | 5.168% |
| 318 | 21.307 | 21.291 | 21.326 | VV | 51168                   | 1004661   | 16.59%  | 0.898% |
| 319 | 21.336 | 21.326 | 21.368 | VV | 48272                   | 1146036   | 18.93%  | 1.024% |
| 320 | 21.378 | 21.368 | 21.406 | VV | 41106                   | 879196    | 14.52%  | 0.786% |
| 321 | 21.526 | 21.406 | 21.655 | VV | 52996                   | 6054451   | 100.00% | 5.412% |
| 322 | 21.672 | 21.655 | 21.713 | VV | 26539                   | 823177    | 13.60%  | 0.736% |
| 323 | 21.773 | 21.713 | 21.821 | VV | 27241                   | 1553578   | 25.66%  | 1.389% |
| 324 | 21.899 | 21.821 | 21.910 | VV | 30767                   | 1400957   | 23.14%  | 1.252% |
| 325 | 21.936 | 21.910 | 21.943 | VV | 31249                   | 572682    | 9.46%   | 0.512% |
| 326 | 21.991 | 21.943 | 22.151 | VV | 33641                   | 2454719   | 40.54%  | 2.194% |
| 327 | 22.164 | 22.151 | 22.174 | PV | 2480                    | 17624     | 0.29%   | 0.016% |
|     |        |        |        |    | Sum of corrected areas: | 111866720 |         |        |

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