

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050622AL\  
 Data File : FD042346.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 May 2022 15:22  
 Sample : N2691-04  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.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         | 3.045       | 3.005        | 3.060      | BV       | 39             | 787          | 0.01%          | 0.000%        |
| 2         | 3.086       | 3.060        | 3.162      | VV       | 991            | 14414        | 0.13%          | 0.003%        |
| 3         | 3.172       | 3.162        | 3.179      | PV       | 98             | 593          | 0.01%          | 0.000%        |
| 4         | 3.194       | 3.179        | 3.275      | VV       | 251            | 7235         | 0.06%          | 0.002%        |
| 5         | 3.278       | 3.275        | 3.317      | VV       | 261            | 2534         | 0.02%          | 0.001%        |
| 6         | 3.336       | 3.317        | 3.346      | VV       | 398            | 4087         | 0.04%          | 0.001%        |
| 7         | 3.367       | 3.346        | 3.384      | VV       | 423            | 5879         | 0.05%          | 0.001%        |
| 8         | 3.396       | 3.384        | 3.426      | VV       | 274            | 4123         | 0.04%          | 0.001%        |
| 9         | 3.445       | 3.426        | 3.478      | PV       | 832            | 11706        | 0.10%          | 0.003%        |
| 10        | 3.513       | 3.478        | 3.541      | VV       | 746            | 13037        | 0.11%          | 0.003%        |
| 11        | 3.568       | 3.541        | 3.583      | VV       | 368            | 6154         | 0.05%          | 0.001%        |
| 12        | 3.598       | 3.583        | 3.625      | VV       | 682            | 6971         | 0.06%          | 0.002%        |
| 13        | 3.649       | 3.625        | 3.695      | VV       | 539            | 12013        | 0.11%          | 0.003%        |
| 14        | 3.735       | 3.695        | 3.747      | VV       | 658            | 10862        | 0.10%          | 0.002%        |
| 15        | 3.761       | 3.747        | 3.778      | VV       | 589            | 8198         | 0.07%          | 0.002%        |
| 16        | 3.789       | 3.778        | 3.811      | VV       | 691            | 8350         | 0.07%          | 0.002%        |
| 17        | 3.826       | 3.811        | 3.846      | VV       | 470            | 5803         | 0.05%          | 0.001%        |
| 18        | 3.858       | 3.846        | 3.869      | PV       | 150            | 834          | 0.01%          | 0.000%        |
| 19        | 3.898       | 3.869        | 3.918      | VV       | 671            | 10687        | 0.09%          | 0.002%        |
| 20        | 3.928       | 3.918        | 3.947      | VV       | 553            | 6900         | 0.06%          | 0.002%        |
| 21        | 3.966       | 3.947        | 3.997      | VV       | 358            | 7268         | 0.06%          | 0.002%        |
| 22        | 4.036       | 3.997        | 4.056      | VV       | 402            | 7492         | 0.07%          | 0.002%        |
| 23        | 4.080       | 4.056        | 4.103      | VV       | 390            | 7338         | 0.06%          | 0.002%        |
| 24        | 4.131       | 4.103        | 4.153      | VV       | 2036           | 24522        | 0.22%          | 0.005%        |
| 25        | 4.164       | 4.153        | 4.177      | VV       | 500            | 5905         | 0.05%          | 0.001%        |
| 26        | 4.190       | 4.177        | 4.210      | VV       | 432            | 7595         | 0.07%          | 0.002%        |
| 27        | 4.229       | 4.210        | 4.251      | VV       | 1635           | 19845        | 0.17%          | 0.004%        |
| 28        | 4.283       | 4.251        | 4.300      | VV       | 1099           | 17913        | 0.16%          | 0.004%        |
| 29        | 4.321       | 4.300        | 4.361      | VV       | 1032           | 26235        | 0.23%          | 0.006%        |
| 30        | 4.377       | 4.361        | 4.412      | VV       | 1795           | 25243        | 0.22%          | 0.006%        |
| 31        | 4.430       | 4.412        | 4.463      | VV       | 639            | 14839        | 0.13%          | 0.003%        |
| 32        | 4.515       | 4.463        | 4.527      | VV       | 831            | 19590        | 0.17%          | 0.004%        |
| 33        | 4.537       | 4.527        | 4.561      | VV       | 742            | 9963         | 0.09%          | 0.002%        |
| 34        | 4.577       | 4.561        | 4.614      | VV       | 1107           | 17261        | 0.15%          | 0.004%        |
| 35        | 4.644       | 4.614        | 4.661      | VV       | 435            | 6585         | 0.06%          | 0.001%        |
| 36        | 4.673       | 4.661        | 4.698      | VV       | 308            | 3290         | 0.03%          | 0.001%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.730 | 4.698 | 4.745 | PV | 871    | 10186 | 0.09% | 0.002% |
| 38 | 4.760 | 4.745 | 4.781 | VV | 811    | 10534 | 0.09% | 0.002% |
| 39 | 4.799 | 4.781 | 4.809 | VV | 852    | 9346  | 0.08% | 0.002% |
| 40 | 4.821 | 4.809 | 4.848 | VV | 879    | 16039 | 0.14% | 0.004% |
| 41 | 4.860 | 4.848 | 4.895 | VV | 837    | 12255 | 0.11% | 0.003% |
| 42 | 4.918 | 4.895 | 4.930 | VV | 394    | 5013  | 0.04% | 0.001% |
| 43 | 4.947 | 4.930 | 4.957 | VV | 543    | 6339  | 0.06% | 0.001% |
| 44 | 4.969 | 4.957 | 4.985 | VV | 548    | 7457  | 0.07% | 0.002% |
| 45 | 5.037 | 4.985 | 5.108 | VV | 968    | 41933 | 0.37% | 0.009% |
| 46 | 5.117 | 5.108 | 5.129 | VV | 356    | 3263  | 0.03% | 0.001% |
| 47 | 5.154 | 5.129 | 5.205 | VV | 4145   | 62595 | 0.55% | 0.014% |
| 48 | 5.228 | 5.205 | 5.248 | VV | 810    | 14527 | 0.13% | 0.003% |
| 49 | 5.262 | 5.248 | 5.278 | VV | 588    | 7935  | 0.07% | 0.002% |
| 50 | 5.315 | 5.278 | 5.355 | VV | 1443   | 29855 | 0.26% | 0.007% |
| 51 | 5.366 | 5.355 | 5.381 | VV | 466    | 6298  | 0.06% | 0.001% |
| 52 | 5.396 | 5.381 | 5.409 | VV | 496    | 5830  | 0.05% | 0.001% |
| 53 | 5.434 | 5.409 | 5.470 | VV | 1373   | 27321 | 0.24% | 0.006% |
| 54 | 5.492 | 5.470 | 5.510 | VV | 719    | 13683 | 0.12% | 0.003% |
| 55 | 5.528 | 5.510 | 5.570 | VV | 452    | 11856 | 0.10% | 0.003% |
| 56 | 5.597 | 5.570 | 5.622 | PV | 882    | 11719 | 0.10% | 0.003% |
| 57 | 5.642 | 5.622 | 5.664 | VV | 928    | 13397 | 0.12% | 0.003% |
| 58 | 5.698 | 5.664 | 5.761 | VV | 2949   | 84864 | 0.75% | 0.019% |
| 59 | 5.783 | 5.761 | 5.802 | VV | 1101   | 22394 | 0.20% | 0.005% |
| 60 | 5.818 | 5.802 | 5.832 | VV | 939    | 14220 | 0.12% | 0.003% |
| 61 | 5.855 | 5.832 | 5.881 | VV | 1464   | 26141 | 0.23% | 0.006% |
| 62 | 5.921 | 5.881 | 5.981 | VV | 696    | 28427 | 0.25% | 0.006% |
| 63 | 6.003 | 5.981 | 6.033 | VV | 799    | 18291 | 0.16% | 0.004% |
| 64 | 6.046 | 6.033 | 6.105 | VV | 651    | 16531 | 0.15% | 0.004% |
| 65 | 6.125 | 6.105 | 6.175 | VV | 3492   | 45923 | 0.40% | 0.010% |
| 66 | 6.208 | 6.175 | 6.222 | VV | 453    | 8679  | 0.08% | 0.002% |
| 67 | 6.239 | 6.222 | 6.248 | VV | 483    | 5119  | 0.04% | 0.001% |
| 68 | 6.270 | 6.248 | 6.328 | VV | 2127   | 35786 | 0.31% | 0.008% |
| 69 | 6.339 | 6.328 | 6.351 | PV | 300    | 2820  | 0.02% | 0.001% |
| 70 | 6.362 | 6.351 | 6.378 | VV | 456    | 4428  | 0.04% | 0.001% |
| 71 | 6.395 | 6.378 | 6.415 | VV | 453    | 5834  | 0.05% | 0.001% |
| 72 | 6.431 | 6.415 | 6.448 | VV | 728    | 8627  | 0.08% | 0.002% |
| 73 | 6.461 | 6.448 | 6.480 | VV | 394    | 4401  | 0.04% | 0.001% |
| 74 | 6.503 | 6.480 | 6.540 | VV | 651    | 11967 | 0.11% | 0.003% |
| 75 | 6.558 | 6.540 | 6.571 | VV | 468    | 6272  | 0.06% | 0.001% |
| 76 | 6.594 | 6.571 | 6.604 | VV | 707    | 9188  | 0.08% | 0.002% |
| 77 | 6.627 | 6.604 | 6.650 | VV | 1083   | 21766 | 0.19% | 0.005% |
| 78 | 6.673 | 6.650 | 6.698 | VV | 1181   | 22251 | 0.20% | 0.005% |
| 79 | 6.719 | 6.698 | 6.728 | VV | 1145   | 13131 | 0.12% | 0.003% |
| 80 | 6.747 | 6.728 | 6.765 | VV | 1554   | 26413 | 0.23% | 0.006% |
| 81 | 6.773 | 6.765 | 6.790 | VV | 1312   | 15403 | 0.14% | 0.003% |
| 82 | 6.817 | 6.790 | 6.845 | VV | 2890   | 43417 | 0.38% | 0.010% |
| 83 | 6.868 | 6.845 | 6.898 | VV | 1974   | 34848 | 0.31% | 0.008% |
| 84 | 6.910 | 6.898 | 6.925 | VV | 910    | 11533 | 0.10% | 0.003% |
| 85 | 6.934 | 6.925 | 6.953 | VV | 647    | 7585  | 0.07% | 0.002% |
| 86 | 7.037 | 6.953 | 7.068 | VV | 4929   | 73711 | 0.65% | 0.017% |
| 87 | 7.083 | 7.068 | 7.128 | VV | 532    | 11601 | 0.10% | 0.003% |
| 88 | 7.134 | 7.128 | 7.144 | VV | 263    | 2102  | 0.02% | 0.000% |
| 89 | 7.162 | 7.144 | 7.180 | VV | 387    | 6346  | 0.06% | 0.001% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.204 | 7.180 | 7.234 | VV | 1224   | 17866   | 0.16%  | 0.004% |
| 91  | 7.250 | 7.234 | 7.275 | PV | 301    | 4071    | 0.04%  | 0.001% |
| 92  | 7.337 | 7.275 | 7.431 | PV | 689782 | 7316944 | 64.25% | 1.640% |
| 93  | 7.445 | 7.431 | 7.478 | VV | 4127   | 100131  | 0.88%  | 0.022% |
| 94  | 7.486 | 7.478 | 7.530 | VV | 3023   | 71484   | 0.63%  | 0.016% |
| 95  | 7.553 | 7.530 | 7.568 | VV | 1897   | 37713   | 0.33%  | 0.008% |
| 96  | 7.620 | 7.568 | 7.637 | VV | 2455   | 74946   | 0.66%  | 0.017% |
| 97  | 7.649 | 7.637 | 7.668 | VV | 1821   | 25398   | 0.22%  | 0.006% |
| 98  | 7.684 | 7.668 | 7.695 | VV | 1194   | 16213   | 0.14%  | 0.004% |
| 99  | 7.721 | 7.695 | 7.748 | VV | 4273   | 73341   | 0.64%  | 0.016% |
| 100 | 7.759 | 7.748 | 7.778 | VV | 1855   | 25239   | 0.22%  | 0.006% |
| 101 | 7.814 | 7.778 | 7.831 | VV | 3451   | 63990   | 0.56%  | 0.014% |
| 102 | 7.846 | 7.831 | 7.866 | VV | 2574   | 44423   | 0.39%  | 0.010% |
| 103 | 7.898 | 7.866 | 7.924 | VV | 6856   | 111192  | 0.98%  | 0.025% |
| 104 | 7.943 | 7.924 | 7.966 | VV | 1512   | 32591   | 0.29%  | 0.007% |
| 105 | 7.993 | 7.966 | 8.019 | VV | 8698   | 137523  | 1.21%  | 0.031% |
| 106 | 8.034 | 8.019 | 8.071 | VV | 5000   | 78641   | 0.69%  | 0.018% |
| 107 | 8.086 | 8.071 | 8.113 | VV | 1132   | 21029   | 0.18%  | 0.005% |
| 108 | 8.132 | 8.113 | 8.155 | VV | 907    | 13185   | 0.12%  | 0.003% |
| 109 | 8.186 | 8.155 | 8.266 | VV | 400538 | 4700097 | 41.27% | 1.054% |
| 110 | 8.281 | 8.266 | 8.311 | VV | 9280   | 180457  | 1.58%  | 0.040% |
| 111 | 8.325 | 8.311 | 8.372 | VV | 5224   | 140309  | 1.23%  | 0.031% |
| 112 | 8.388 | 8.372 | 8.408 | VV | 3536   | 62165   | 0.55%  | 0.014% |
| 113 | 8.428 | 8.408 | 8.463 | VV | 4919   | 87768   | 0.77%  | 0.020% |
| 114 | 8.489 | 8.463 | 8.507 | VV | 1845   | 38609   | 0.34%  | 0.009% |
| 115 | 8.527 | 8.507 | 8.561 | VV | 2177   | 50260   | 0.44%  | 0.011% |
| 116 | 8.576 | 8.561 | 8.602 | VV | 1908   | 42806   | 0.38%  | 0.010% |
| 117 | 8.613 | 8.602 | 8.634 | VV | 1867   | 33227   | 0.29%  | 0.007% |
| 118 | 8.647 | 8.634 | 8.674 | VV | 1782   | 35928   | 0.32%  | 0.008% |
| 119 | 8.712 | 8.674 | 8.772 | VV | 6738   | 148084  | 1.30%  | 0.033% |
| 120 | 8.778 | 8.772 | 8.813 | VV | 833    | 13811   | 0.12%  | 0.003% |
| 121 | 8.847 | 8.813 | 8.868 | PV | 1909   | 23801   | 0.21%  | 0.005% |
| 122 | 8.894 | 8.868 | 8.918 | VV | 1104   | 20958   | 0.18%  | 0.005% |
| 123 | 8.941 | 8.918 | 8.958 | VV | 768    | 13016   | 0.11%  | 0.003% |
| 124 | 8.984 | 8.958 | 9.015 | VV | 1821   | 32175   | 0.28%  | 0.007% |
| 125 | 9.030 | 9.015 | 9.041 | VV | 754    | 8831    | 0.08%  | 0.002% |
| 126 | 9.073 | 9.041 | 9.115 | VV | 6367   | 123736  | 1.09%  | 0.028% |
| 127 | 9.142 | 9.115 | 9.191 | VV | 3029   | 74622   | 0.66%  | 0.017% |
| 128 | 9.212 | 9.191 | 9.235 | VV | 2500   | 42992   | 0.38%  | 0.010% |
| 129 | 9.263 | 9.235 | 9.298 | VV | 1681   | 41639   | 0.37%  | 0.009% |
| 130 | 9.318 | 9.298 | 9.348 | VV | 823    | 17561   | 0.15%  | 0.004% |
| 131 | 9.395 | 9.348 | 9.415 | VV | 1786   | 39173   | 0.34%  | 0.009% |
| 132 | 9.425 | 9.415 | 9.454 | VV | 1682   | 32046   | 0.28%  | 0.007% |
| 133 | 9.483 | 9.454 | 9.530 | VV | 5950   | 100721  | 0.88%  | 0.023% |
| 134 | 9.552 | 9.530 | 9.614 | VV | 1131   | 41567   | 0.37%  | 0.009% |
| 135 | 9.646 | 9.614 | 9.668 | VV | 883    | 17248   | 0.15%  | 0.004% |
| 136 | 9.710 | 9.668 | 9.734 | VV | 531    | 13456   | 0.12%  | 0.003% |
| 137 | 9.762 | 9.734 | 9.776 | PV | 571    | 8544    | 0.08%  | 0.002% |
| 138 | 9.801 | 9.776 | 9.811 | VV | 1202   | 16003   | 0.14%  | 0.004% |
| 139 | 9.825 | 9.811 | 9.834 | VV | 1041   | 12245   | 0.11%  | 0.003% |
| 140 | 9.868 | 9.834 | 9.888 | VV | 2494   | 50416   | 0.44%  | 0.011% |
| 141 | 9.942 | 9.888 | 9.985 | VV | 2487   | 107467  | 0.94%  | 0.024% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.998  | 9.985  | 10.026 | VV | 1795   | 29872   | 0.26%  | 0.007% |
| 143    | 10.055 | 10.026 | 10.091 | PV | 2572   | 47167   | 0.41%  | 0.011% |
| 144    | 10.106 | 10.091 | 10.121 | VV | 1000   | 13107   | 0.12%  | 0.003% |
| 145    | 10.140 | 10.121 | 10.158 | VV | 1412   | 21324   | 0.19%  | 0.005% |
|        |        |        |        |    |        |         |        |        |
| 146    | 10.180 | 10.158 | 10.194 | VV | 1621   | 27742   | 0.24%  | 0.006% |
| 147    | 10.216 | 10.194 | 10.239 | VV | 6951   | 94157   | 0.83%  | 0.021% |
| 148    | 10.282 | 10.239 | 10.337 | VV | 5409   | 145752  | 1.28%  | 0.033% |
| 149    | 10.353 | 10.337 | 10.370 | VV | 940    | 9692    | 0.09%  | 0.002% |
| 150    | 10.390 | 10.370 | 10.407 | PV | 424    | 6412    | 0.06%  | 0.001% |
|        |        |        |        |    |        |         |        |        |
| 151    | 10.446 | 10.407 | 10.495 | VV | 64427  | 847022  | 7.44%  | 0.190% |
| 152    | 10.528 | 10.495 | 10.585 | VV | 15275  | 306716  | 2.69%  | 0.069% |
| 153    | 10.597 | 10.585 | 10.645 | VV | 1814   | 48662   | 0.43%  | 0.011% |
| 154    | 10.663 | 10.645 | 10.711 | VV | 891    | 16656   | 0.15%  | 0.004% |
| 155    | 10.725 | 10.711 | 10.735 | VV | 476    | 3284    | 0.03%  | 0.001% |
|        |        |        |        |    |        |         |        |        |
| 156    | 10.787 | 10.735 | 10.805 | PV | 2682   | 58009   | 0.51%  | 0.013% |
| 157    | 10.817 | 10.805 | 10.827 | VV | 1368   | 17330   | 0.15%  | 0.004% |
| 158    | 10.847 | 10.827 | 10.869 | VV | 2325   | 40056   | 0.35%  | 0.009% |
| 159    | 10.883 | 10.869 | 10.891 | VV | 1234   | 11185   | 0.10%  | 0.003% |
| 160    | 10.913 | 10.891 | 10.933 | VV | 5042   | 61568   | 0.54%  | 0.014% |
|        |        |        |        |    |        |         |        |        |
| 161    | 10.986 | 10.933 | 11.028 | VV | 3688   | 113111  | 0.99%  | 0.025% |
| 162    | 11.054 | 11.028 | 11.071 | PV | 1244   | 20664   | 0.18%  | 0.005% |
| 163    | 11.101 | 11.071 | 11.165 | VV | 2403   | 50532   | 0.44%  | 0.011% |
| 164    | 11.213 | 11.165 | 11.261 | VV | 449798 | 5091092 | 44.71% | 1.141% |
| 165    | 11.278 | 11.261 | 11.326 | VV | 15393  | 319787  | 2.81%  | 0.072% |
|        |        |        |        |    |        |         |        |        |
| 166    | 11.353 | 11.326 | 11.374 | VV | 19975  | 290189  | 2.55%  | 0.065% |
| 167    | 11.390 | 11.374 | 11.406 | VV | 11788  | 164085  | 1.44%  | 0.037% |
| 168    | 11.423 | 11.406 | 11.473 | VV | 12468  | 206239  | 1.81%  | 0.046% |
| 169    | 11.495 | 11.473 | 11.511 | PV | 2117   | 27083   | 0.24%  | 0.006% |
| 170    | 11.546 | 11.511 | 11.554 | VV | 2039   | 30238   | 0.27%  | 0.007% |
|        |        |        |        |    |        |         |        |        |
| 171    | 11.579 | 11.554 | 11.609 | VV | 5583   | 86765   | 0.76%  | 0.019% |
| 172    | 11.639 | 11.609 | 11.668 | VV | 4733   | 90197   | 0.79%  | 0.020% |
| 173    | 11.681 | 11.668 | 11.700 | VV | 2599   | 37532   | 0.33%  | 0.008% |
| 174    | 11.723 | 11.700 | 11.760 | VV | 7253   | 133872  | 1.18%  | 0.030% |
| 175    | 11.780 | 11.760 | 11.800 | VV | 4086   | 67404   | 0.59%  | 0.015% |
|        |        |        |        |    |        |         |        |        |
| 176    | 11.834 | 11.800 | 11.884 | VV | 41647  | 632722  | 5.56%  | 0.142% |
| 177    | 11.911 | 11.884 | 11.925 | VV | 4326   | 84302   | 0.74%  | 0.019% |
| 178    | 11.964 | 11.925 | 11.975 | VV | 3900   | 86511   | 0.76%  | 0.019% |
| 179    | 12.002 | 11.975 | 12.017 | VV | 4834   | 83480   | 0.73%  | 0.019% |
| 180    | 12.036 | 12.017 | 12.080 | VV | 6171   | 116085  | 1.02%  | 0.026% |
|        |        |        |        |    |        |         |        |        |
| 181    | 12.135 | 12.080 | 12.157 | PV | 15835  | 328517  | 2.88%  | 0.074% |
| 182    | 12.172 | 12.157 | 12.186 | VV | 6557   | 93284   | 0.82%  | 0.021% |
| 183    | 12.210 | 12.186 | 12.223 | VV | 11288  | 178715  | 1.57%  | 0.040% |
| 184    | 12.247 | 12.223 | 12.321 | VV | 166015 | 2164739 | 19.01% | 0.485% |
| 185    | 12.348 | 12.321 | 12.360 | VV | 2517   | 36248   | 0.32%  | 0.008% |
|        |        |        |        |    |        |         |        |        |
| 186    | 12.391 | 12.360 | 12.405 | VV | 4682   | 87238   | 0.77%  | 0.020% |
| 187    | 12.437 | 12.405 | 12.458 | VV | 5574   | 122415  | 1.07%  | 0.027% |
| 188    | 12.494 | 12.458 | 12.513 | VV | 4784   | 106359  | 0.93%  | 0.024% |
| 189    | 12.540 | 12.513 | 12.566 | VV | 141982 | 1703893 | 14.96% | 0.382% |
| 190    | 12.574 | 12.566 | 12.590 | VV | 13685  | 149519  | 1.31%  | 0.034% |
|        |        |        |        |    |        |         |        |        |
| 191    | 12.603 | 12.590 | 12.620 | VV | 11250  | 144784  | 1.27%  | 0.032% |
| 192    | 12.652 | 12.620 | 12.690 | VV | 337119 | 4102638 | 36.03% | 0.920% |
| 193    | 12.727 | 12.690 | 12.750 | VV | 5973   | 132029  | 1.16%  | 0.030% |
| 194    | 12.772 | 12.750 | 12.791 | VV | 2495   | 45884   | 0.40%  | 0.010% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.825 | 12.791 | 12.862 | VV | 15018  | 291508  | 2.56%  | 0.065% |
| 196 | 12.888 | 12.862 | 12.918 | VV | 8544   | 191310  | 1.68%  | 0.043% |
| 197 | 12.951 | 12.918 | 12.982 | VV | 8608   | 221280  | 1.94%  | 0.050% |
| 198 | 13.008 | 12.982 | 13.031 | VV | 12695  | 228044  | 2.00%  | 0.051% |
| 199 | 13.056 | 13.031 | 13.080 | VV | 16703  | 263025  | 2.31%  | 0.059% |
| 200 | 13.136 | 13.080 | 13.191 | VV | 28840  | 748771  | 6.58%  | 0.168% |
| 201 | 13.201 | 13.191 | 13.217 | VV | 6756   | 85236   | 0.75%  | 0.019% |
| 202 | 13.242 | 13.217 | 13.262 | VV | 23296  | 356493  | 3.13%  | 0.080% |
| 203 | 13.277 | 13.262 | 13.295 | VV | 17546  | 246526  | 2.16%  | 0.055% |
| 204 | 13.312 | 13.295 | 13.341 | VV | 11366  | 224638  | 1.97%  | 0.050% |
| 205 | 13.372 | 13.341 | 13.381 | VV | 13502  | 223591  | 1.96%  | 0.050% |
| 206 | 13.402 | 13.381 | 13.433 | VV | 26833  | 503205  | 4.42%  | 0.113% |
| 207 | 13.446 | 13.433 | 13.491 | VV | 12297  | 272478  | 2.39%  | 0.061% |
| 208 | 13.537 | 13.491 | 13.561 | VV | 7001   | 226043  | 1.98%  | 0.051% |
| 209 | 13.582 | 13.561 | 13.605 | VV | 8851   | 177376  | 1.56%  | 0.040% |
| 210 | 13.643 | 13.605 | 13.661 | VV | 7963   | 220525  | 1.94%  | 0.049% |
| 211 | 13.740 | 13.661 | 13.755 | VV | 8428   | 335975  | 2.95%  | 0.075% |
| 212 | 13.775 | 13.755 | 13.792 | VV | 9733   | 173104  | 1.52%  | 0.039% |
| 213 | 13.827 | 13.792 | 13.848 | VV | 14884  | 392490  | 3.45%  | 0.088% |
| 214 | 13.883 | 13.848 | 13.918 | VV | 18134  | 532968  | 4.68%  | 0.119% |
| 215 | 13.962 | 13.918 | 14.012 | VV | 20346  | 743079  | 6.53%  | 0.167% |
| 216 | 14.050 | 14.012 | 14.077 | VV | 21850  | 589492  | 5.18%  | 0.132% |
| 217 | 14.101 | 14.077 | 14.130 | VV | 31635  | 618734  | 5.43%  | 0.139% |
| 218 | 14.192 | 14.130 | 14.241 | VV | 17678  | 966100  | 8.48%  | 0.217% |
| 219 | 14.254 | 14.241 | 14.278 | VV | 13412  | 275825  | 2.42%  | 0.062% |
| 220 | 14.291 | 14.278 | 14.307 | VV | 13458  | 217523  | 1.91%  | 0.049% |
| 221 | 14.318 | 14.307 | 14.330 | VV | 13211  | 175897  | 1.54%  | 0.039% |
| 222 | 14.413 | 14.330 | 14.433 | VV | 92364  | 1796105 | 15.77% | 0.403% |
| 223 | 14.453 | 14.433 | 14.485 | VV | 90182  | 1512799 | 13.28% | 0.339% |
| 224 | 14.499 | 14.485 | 14.522 | VV | 23633  | 446005  | 3.92%  | 0.100% |
| 225 | 14.571 | 14.522 | 14.590 | VV | 27903  | 786955  | 6.91%  | 0.176% |
| 226 | 14.612 | 14.590 | 14.687 | VV | 21845  | 1027395 | 9.02%  | 0.230% |
| 227 | 14.721 | 14.687 | 14.737 | VV | 19465  | 497075  | 4.37%  | 0.111% |
| 228 | 14.756 | 14.737 | 14.820 | VV | 22126  | 970629  | 8.52%  | 0.218% |
| 229 | 14.888 | 14.820 | 14.949 | VV | 43094  | 1883274 | 16.54% | 0.422% |
| 230 | 15.016 | 14.949 | 15.031 | VV | 27545  | 1069111 | 9.39%  | 0.240% |
| 231 | 15.049 | 15.031 | 15.061 | VV | 22420  | 388780  | 3.41%  | 0.087% |
| 232 | 15.085 | 15.061 | 15.111 | VV | 43267  | 962599  | 8.45%  | 0.216% |
| 233 | 15.119 | 15.111 | 15.158 | VV | 31132  | 726648  | 6.38%  | 0.163% |
| 234 | 15.166 | 15.158 | 15.185 | VV | 23225  | 366057  | 3.21%  | 0.082% |
| 235 | 15.247 | 15.185 | 15.297 | VV | 37324  | 1940350 | 17.04% | 0.435% |
| 236 | 15.313 | 15.297 | 15.350 | VV | 29115  | 843098  | 7.40%  | 0.189% |
| 237 | 15.368 | 15.350 | 15.382 | VV | 26890  | 505358  | 4.44%  | 0.113% |
| 238 | 15.412 | 15.382 | 15.461 | VV | 30476  | 1305703 | 11.47% | 0.293% |
| 239 | 15.513 | 15.461 | 15.554 | VV | 43311  | 1797438 | 15.78% | 0.403% |
| 240 | 15.585 | 15.554 | 15.598 | VV | 31240  | 778574  | 6.84%  | 0.175% |
| 241 | 15.613 | 15.598 | 15.645 | VV | 29711  | 812147  | 7.13%  | 0.182% |
| 242 | 15.682 | 15.645 | 15.706 | VV | 43246  | 1307655 | 11.48% | 0.293% |
| 243 | 15.766 | 15.706 | 15.801 | VV | 43212  | 2097180 | 18.42% | 0.470% |
| 244 | 15.838 | 15.801 | 15.854 | VV | 42900  | 1248757 | 10.97% | 0.280% |
| 245 | 15.894 | 15.854 | 15.914 | VV | 46389  | 1535885 | 13.49% | 0.344% |
| 246 | 15.966 | 15.914 | 15.985 | VV | 141151 | 3114252 | 27.35% | 0.698% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.993 | 15.985 | 16.030 | VV | 87642  | 1728795 | 15.18% | 0.388% |
| 248    | 16.069 | 16.030 | 16.077 | VV | 51425  | 1309046 | 11.50% | 0.293% |
| 249    | 16.100 | 16.077 | 16.130 | VV | 65715  | 1862671 | 16.36% | 0.418% |
| 250    | 16.141 | 16.130 | 16.152 | VV | 54571  | 682095  | 5.99%  | 0.153% |
| 251    | 16.175 | 16.152 | 16.191 | VV | 53764  | 1203290 | 10.57% | 0.270% |
| 252    | 16.203 | 16.191 | 16.215 | VV | 50853  | 704141  | 6.18%  | 0.158% |
| 253    | 16.253 | 16.215 | 16.263 | VV | 65681  | 1716808 | 15.08% | 0.385% |
| 254    | 16.285 | 16.263 | 16.321 | VV | 109053 | 2649107 | 23.26% | 0.594% |
| 255    | 16.344 | 16.321 | 16.381 | VV | 116859 | 2795982 | 24.55% | 0.627% |
| 256    | 16.393 | 16.381 | 16.405 | VV | 61519  | 855624  | 7.51%  | 0.192% |
| 257    | 16.415 | 16.405 | 16.428 | VV | 64138  | 890291  | 7.82%  | 0.200% |
| 258    | 16.455 | 16.428 | 16.478 | VV | 100476 | 2395754 | 21.04% | 0.537% |
| 259    | 16.489 | 16.478 | 16.515 | VV | 70990  | 1450235 | 12.74% | 0.325% |
| 260    | 16.529 | 16.515 | 16.567 | VV | 68035  | 2064244 | 18.13% | 0.463% |
| 261    | 16.612 | 16.567 | 16.622 | VV | 73141  | 2244221 | 19.71% | 0.503% |
| 262    | 16.657 | 16.622 | 16.685 | VV | 86505  | 2895244 | 25.42% | 0.649% |
| 263    | 16.750 | 16.685 | 16.777 | VV | 86509  | 4265292 | 37.46% | 0.956% |
| 264    | 16.788 | 16.777 | 16.796 | VV | 73790  | 813535  | 7.14%  | 0.182% |
| 265    | 16.829 | 16.796 | 16.875 | VV | 102234 | 3970730 | 34.87% | 0.890% |
| 266    | 16.908 | 16.875 | 16.931 | VV | 100391 | 2847909 | 25.01% | 0.638% |
| 267    | 16.943 | 16.931 | 16.958 | VV | 81707  | 1258798 | 11.05% | 0.282% |
| 268    | 16.986 | 16.958 | 17.018 | VV | 90674  | 3064104 | 26.91% | 0.687% |
| 269    | 17.056 | 17.018 | 17.098 | VV | 87272  | 3737013 | 32.82% | 0.838% |
| 270    | 17.156 | 17.098 | 17.178 | VV | 82773  | 3718412 | 32.65% | 0.834% |
| 271    | 17.218 | 17.178 | 17.228 | VV | 86005  | 2440349 | 21.43% | 0.547% |
| 272    | 17.234 | 17.228 | 17.259 | VV | 84671  | 1547713 | 13.59% | 0.347% |
| 273    | 17.311 | 17.259 | 17.331 | VV | 101598 | 4015483 | 35.26% | 0.900% |
| 274    | 17.345 | 17.331 | 17.385 | VV | 107854 | 2937098 | 25.79% | 0.658% |
| 275    | 17.445 | 17.385 | 17.535 | VV | 142906 | 9093249 | 79.85% | 2.038% |
| 276    | 17.551 | 17.535 | 17.598 | VV | 95217  | 3350712 | 29.42% | 0.751% |
| 277    | 17.625 | 17.598 | 17.676 | VV | 105824 | 4639224 | 40.74% | 1.040% |
| 278    | 17.719 | 17.676 | 17.743 | VV | 147503 | 4498909 | 39.51% | 1.009% |
| 279    | 17.765 | 17.743 | 17.789 | VV | 130779 | 3122477 | 27.42% | 0.700% |
| 280    | 17.811 | 17.789 | 17.835 | VV | 145601 | 3338349 | 29.32% | 0.748% |
| 281    | 17.849 | 17.835 | 17.867 | VV | 111575 | 2008347 | 17.64% | 0.450% |
| 282    | 17.887 | 17.867 | 17.922 | VV | 110126 | 3348189 | 29.40% | 0.751% |
| 283    | 17.936 | 17.922 | 17.948 | VV | 103644 | 1557890 | 13.68% | 0.349% |
| 284    | 17.968 | 17.948 | 18.014 | VV | 139440 | 4372804 | 38.40% | 0.980% |
| 285    | 18.031 | 18.014 | 18.050 | VV | 100862 | 2175434 | 19.10% | 0.488% |
| 286    | 18.061 | 18.050 | 18.086 | VV | 104089 | 2176901 | 19.12% | 0.488% |
| 287    | 18.127 | 18.086 | 18.150 | VV | 111046 | 4038289 | 35.46% | 0.905% |
| 288    | 18.172 | 18.150 | 18.204 | VV | 114776 | 3467510 | 30.45% | 0.777% |
| 289    | 18.232 | 18.204 | 18.252 | VV | 133097 | 3263849 | 28.66% | 0.732% |
| 290    | 18.280 | 18.252 | 18.350 | VV | 129369 | 6683258 | 58.69% | 1.498% |
| 291    | 18.371 | 18.350 | 18.381 | VV | 109659 | 1994856 | 17.52% | 0.447% |
| 292    | 18.420 | 18.381 | 18.445 | VV | 117333 | 4246649 | 37.29% | 0.952% |
| 293    | 18.497 | 18.445 | 18.521 | VV | 127452 | 5438343 | 47.76% | 1.219% |
| 294    | 18.565 | 18.521 | 18.600 | VV | 155897 | 6164700 | 54.13% | 1.382% |
| 295    | 18.631 | 18.600 | 18.645 | VV | 131894 | 3310072 | 29.07% | 0.742% |
| 296    | 18.655 | 18.645 | 18.715 | VV | 130915 | 5055684 | 44.40% | 1.133% |
| 297    | 18.768 | 18.715 | 18.780 | VV | 129268 | 4710675 | 41.37% | 1.056% |
| 298    | 18.783 | 18.780 | 18.842 | VV | 126590 | 4562786 | 40.07% | 1.023% |
| 299    | 18.885 | 18.842 | 18.898 | VV | 122825 | 3934959 | 34.55% | 0.882% |

|     |        |        |        |     |                         |          |           |        |
|-----|--------|--------|--------|-----|-------------------------|----------|-----------|--------|
|     |        |        |        |     | rters                   |          |           |        |
| 300 | 18.946 | 18.898 | 18.974 | VV  | 152910                  | 5943060  | 52.19%    | 1.332% |
| 301 | 18.984 | 18.974 | 18.999 | VV  | 132057                  | 1999927  | 17.56%    | 0.448% |
| 302 | 19.035 | 18.999 | 19.062 | VV  | 138504                  | 4875150  | 42.81%    | 1.093% |
| 303 | 19.071 | 19.062 | 19.090 | VV  | 131503                  | 2163395  | 19.00%    | 0.485% |
| 304 | 19.131 | 19.090 | 19.158 | VV  | 148971                  | 5592043  | 49.11%    | 1.254% |
| 305 | 19.205 | 19.158 | 19.229 | VV  | 152277                  | 5987916  | 52.58%    | 1.342% |
| 306 | 19.254 | 19.229 | 19.278 | VV  | 157246                  | 4366437  | 38.34%    | 0.979% |
| 307 | 19.283 | 19.278 | 19.295 | VV  | 142681                  | 1452733  | 12.76%    | 0.326% |
| 308 | 19.325 | 19.295 | 19.396 | VV  | 164162                  | 8998818  | 79.02%    | 2.017% |
| 309 | 19.442 | 19.396 | 19.470 | VV  | 152627                  | 6334817  | 55.63%    | 1.420% |
| 310 | 19.478 | 19.470 | 19.484 | VV  | 145459                  | 1258536  | 11.05%    | 0.282% |
| 311 | 19.514 | 19.484 | 19.532 | VV  | 161456                  | 4384516  | 38.50%    | 0.983% |
| 312 | 19.552 | 19.532 | 19.607 | VV  | 164569                  | 6983481  | 61.32%    | 1.566% |
| 313 | 19.626 | 19.607 | 19.640 | VV  | 155472                  | 2977332  | 26.15%    | 0.667% |
| 314 | 19.651 | 19.640 | 19.665 | VV  | 158350                  | 2288926  | 20.10%    | 0.513% |
| 315 | 19.687 | 19.665 | 19.702 | VV  | 167661                  | 3592988  | 31.55%    | 0.805% |
| 316 | 19.725 | 19.702 | 19.752 | VV  | 170268                  | 4949349  | 43.46%    | 1.110% |
| 317 | 19.794 | 19.752 | 19.808 | VV  | 168995                  | 5412757  | 47.53%    | 1.213% |
| 318 | 19.812 | 19.808 | 19.828 | VV  | 163735                  | 1902282  | 16.70%    | 0.426% |
| 319 | 19.856 | 19.828 | 19.876 | VV  | 171142                  | 4821152  | 42.34%    | 1.081% |
| 320 | 19.888 | 19.876 | 19.905 | VV  | 167700                  | 2790154  | 24.50%    | 0.625% |
| 321 | 19.930 | 19.905 | 19.941 | VV  | 166083                  | 3578833  | 31.43%    | 0.802% |
| 322 | 19.958 | 19.941 | 19.972 | VV  | 165302                  | 2967441  | 26.06%    | 0.665% |
| 323 | 19.980 | 19.972 | 19.995 | VV  | 161926                  | 2229617  | 19.58%    | 0.500% |
| 324 | 20.050 | 19.995 | 20.075 | VV  | 184328                  | 8265073  | 72.58%    | 1.853% |
| 325 | 20.157 | 20.075 | 20.184 | VV  | 180828                  | 11387664 | 100.00%   | 2.553% |
| 326 | 20.194 | 20.184 | 20.211 | VV  | 178263                  | 2883521  | 25.32%    | 0.646% |
| 327 | 20.243 | 20.211 | 20.258 | VV  | 181367                  | 4950953  | 43.48%    | 1.110% |
| 328 | 20.277 | 20.258 | 20.295 | VV  | 182678                  | 3966605  | 34.83%    | 0.889% |
| 329 | 20.338 | 20.295 | 20.359 | VV  | 188752                  | 6973924  | 61.24%    | 1.563% |
| 330 | 20.387 | 20.359 | 20.465 | VV  | 190775                  | 11349734 | 99.67%    | 2.544% |
| 331 | 20.487 | 20.465 | 20.547 | VV  | 174813                  | 8130337  | 71.40%    | 1.823% |
| 332 | 20.562 | 20.547 | 20.578 | VV  | 162685                  | 2956583  | 25.96%    | 0.663% |
| 333 | 20.587 | 20.578 | 20.606 | VV  | 156753                  | 2593423  | 22.77%    | 0.581% |
| 334 | 20.613 | 20.606 | 20.619 | VV  | 155187                  | 1235014  | 10.85%    | 0.277% |
| 335 | 20.624 | 20.619 | 20.641 | VV  | 154797                  | 1992560  | 17.50%    | 0.447% |
| 336 | 20.661 | 20.641 | 20.683 | VV  | 153042                  | 3747362  | 32.91%    | 0.840% |
| 337 | 20.695 | 20.683 | 20.712 | VV  | 152775                  | 2637158  | 23.16%    | 0.591% |
| 338 | 20.748 | 20.712 | 20.804 | VV  | 164314                  | 8314182  | 73.01%    | 1.864% |
| 339 | 20.821 | 20.804 | 20.844 | VV  | 143456                  | 3316489  | 29.12%    | 0.743% |
| 340 | 20.857 | 20.844 | 20.885 | VV  | 144794                  | 3474688  | 30.51%    | 0.779% |
| 341 | 20.897 | 20.885 | 20.928 | VV  | 138623                  | 3521130  | 30.92%    | 0.789% |
| 342 | 20.948 | 20.928 | 20.965 | VV  | 135055                  | 2855807  | 25.08%    | 0.640% |
| 343 | 20.976 | 20.965 | 20.989 | VV  | 129692                  | 1894898  | 16.64%    | 0.425% |
| 344 | 20.998 | 20.989 | 21.025 | VV  | 128243                  | 2624509  | 23.05%    | 0.588% |
| 345 | 21.040 | 21.025 | 21.109 | VV  | 122734                  | 5832842  | 51.22%    | 1.308% |
| 346 | 21.126 | 21.109 | 21.139 | VV  | 118478                  | 2110229  | 18.53%    | 0.473% |
| 347 | 21.165 | 21.139 | 21.201 | VBA | 120942                  | 4469119  | 39.25%    | 1.002% |
|     |        |        |        |     | Sum of corrected areas: |          | 446085608 |        |