

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041125AL\  
Data File : FC068554.D  
Signal(s) : FID1A.ch  
Acq On : 10 Apr 2025 16:01  
Sample : Q1760-05D  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.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         | 2.352       | 2.305        | 2.372      | BV       | 36365          | 203846       | 2.48%          | 0.091%        |
| 2         | 2.387       | 2.372        | 2.397      | PV       | 19540          | 149202       | 1.81%          | 0.067%        |
| 3         | 2.413       | 2.397        | 2.439      | VV       | 163847         | 1371129      | 16.67%         | 0.615%        |
| 4         | 2.466       | 2.439        | 2.513      | PV       | 31182          | 435584       | 5.29%          | 0.195%        |
| 5         | 2.556       | 2.513        | 2.575      | VV       | 23234          | 328009       | 3.99%          | 0.147%        |
| 6         | 2.600       | 2.575        | 2.614      | VV       | 16021          | 264595       | 3.22%          | 0.119%        |
| 7         | 2.643       | 2.614        | 2.669      | VV       | 31411          | 371468       | 4.52%          | 0.167%        |
| 8         | 2.692       | 2.669        | 2.722      | VV       | 70094          | 919326       | 11.17%         | 0.412%        |
| 9         | 2.745       | 2.722        | 2.759      | VV       | 45186          | 493517       | 6.00%          | 0.221%        |
| 10        | 2.773       | 2.759        | 2.841      | VV       | 58833          | 903494       | 10.98%         | 0.405%        |
| 11        | 2.875       | 2.841        | 2.889      | VV       | 94212          | 959300       | 11.66%         | 0.430%        |
| 12        | 2.897       | 2.889        | 2.928      | VV       | 43440          | 497937       | 6.05%          | 0.223%        |
| 13        | 2.975       | 2.928        | 2.997      | VV       | 108240         | 1636048      | 19.89%         | 0.734%        |
| 14        | 3.012       | 2.997        | 3.022      | VV       | 19818          | 244427       | 2.97%          | 0.110%        |
| 15        | 3.034       | 3.022        | 3.048      | VV       | 25075          | 283039       | 3.44%          | 0.127%        |
| 16        | 3.074       | 3.048        | 3.114      | VV       | 110786         | 1724974      | 20.97%         | 0.774%        |
| 17        | 3.145       | 3.114        | 3.166      | VV       | 129385         | 1522982      | 18.51%         | 0.683%        |
| 18        | 3.195       | 3.166        | 3.221      | VV       | 32579          | 650627       | 7.91%          | 0.292%        |
| 19        | 3.230       | 3.221        | 3.240      | VV       | 13552          | 127267       | 1.55%          | 0.057%        |
| 20        | 3.267       | 3.240        | 3.281      | VV       | 114301         | 1389915      | 16.89%         | 0.623%        |
| 21        | 3.292       | 3.281        | 3.314      | VV       | 79557          | 830567       | 10.10%         | 0.372%        |
| 22        | 3.337       | 3.314        | 3.360      | VV       | 19006          | 333260       | 4.05%          | 0.149%        |
| 23        | 3.394       | 3.360        | 3.404      | VV       | 20042          | 350457       | 4.26%          | 0.157%        |
| 24        | 3.443       | 3.404        | 3.482      | VV       | 277414         | 3673318      | 44.65%         | 1.647%        |
| 25        | 3.494       | 3.482        | 3.525      | VV       | 33343          | 419773       | 5.10%          | 0.188%        |
| 26        | 3.546       | 3.525        | 3.558      | VV       | 35569          | 321214       | 3.90%          | 0.144%        |
| 27        | 3.574       | 3.558        | 3.586      | VV       | 87935          | 902015       | 10.96%         | 0.405%        |
| 28        | 3.595       | 3.586        | 3.612      | VV       | 59671          | 654101       | 7.95%          | 0.293%        |
| 29        | 3.648       | 3.612        | 3.679      | VV       | 83908          | 1627042      | 19.78%         | 0.730%        |
| 30        | 3.716       | 3.679        | 3.748      | VV       | 183467         | 2840430      | 34.52%         | 1.274%        |
| 31        | 3.773       | 3.748        | 3.794      | VV       | 71859          | 1264959      | 15.38%         | 0.567%        |
| 32        | 3.822       | 3.794        | 3.842      | VV       | 260827         | 3113347      | 37.84%         | 1.396%        |
| 33        | 3.858       | 3.842        | 3.873      | VV       | 182320         | 1961731      | 23.84%         | 0.880%        |
| 34        | 3.894       | 3.873        | 3.931      | VV       | 131771         | 2318285      | 28.18%         | 1.040%        |
| 35        | 3.963       | 3.931        | 3.980      | VV       | 196604         | 2514143      | 30.56%         | 1.127%        |
| 36        | 3.995       | 3.980        | 4.012      | VV       | 118285         | 1382143      | 16.80%         | 0.620%        |

| rteres |       |       |       |    |        |         |         |        |
|--------|-------|-------|-------|----|--------|---------|---------|--------|
| 37     | 4.028 | 4.012 | 4.084 | VV | 237933 | 4350462 | 52.88%  | 1.951% |
| 38     | 4.120 | 4.084 | 4.135 | VV | 369363 | 4610267 | 56.04%  | 2.067% |
| 39     | 4.148 | 4.135 | 4.168 | VV | 253209 | 2635081 | 32.03%  | 1.182% |
| 40     | 4.184 | 4.168 | 4.197 | VV | 89704  | 1177266 | 14.31%  | 0.528% |
| 41     | 4.217 | 4.197 | 4.239 | VV | 259567 | 2880878 | 35.02%  | 1.292% |
| 42     | 4.286 | 4.239 | 4.315 | VV | 723767 | 8227223 | 100.00% | 3.690% |
| 43     | 4.329 | 4.315 | 4.356 | VV | 148787 | 2163422 | 26.30%  | 0.970% |
| 44     | 4.364 | 4.356 | 4.405 | VV | 61204  | 1069236 | 13.00%  | 0.480% |
| 45     | 4.438 | 4.405 | 4.459 | VV | 88499  | 1610414 | 19.57%  | 0.722% |
| 46     | 4.478 | 4.459 | 4.498 | VV | 105156 | 1549918 | 18.84%  | 0.695% |
| 47     | 4.521 | 4.498 | 4.546 | VV | 491278 | 5161601 | 62.74%  | 2.315% |
| 48     | 4.565 | 4.546 | 4.582 | VV | 231159 | 2313534 | 28.12%  | 1.038% |
| 49     | 4.595 | 4.582 | 4.614 | VV | 92851  | 1042191 | 12.67%  | 0.467% |
| 50     | 4.629 | 4.614 | 4.654 | VV | 41480  | 703282  | 8.55%   | 0.315% |
| 51     | 4.675 | 4.654 | 4.710 | VV | 169566 | 2633479 | 32.01%  | 1.181% |
| 52     | 4.725 | 4.710 | 4.736 | VV | 93633  | 1115502 | 13.56%  | 0.500% |
| 53     | 4.747 | 4.736 | 4.760 | VV | 88228  | 1018416 | 12.38%  | 0.457% |
| 54     | 4.777 | 4.760 | 4.794 | VV | 309430 | 3123457 | 37.96%  | 1.401% |
| 55     | 4.809 | 4.794 | 4.822 | VV | 150314 | 1649367 | 20.05%  | 0.740% |
| 56     | 4.831 | 4.822 | 4.845 | VV | 89127  | 996572  | 12.11%  | 0.447% |
| 57     | 4.877 | 4.845 | 4.889 | VV | 141129 | 2246705 | 27.31%  | 1.008% |
| 58     | 4.901 | 4.889 | 4.918 | VV | 118488 | 1489401 | 18.10%  | 0.668% |
| 59     | 4.941 | 4.918 | 4.962 | VV | 259118 | 3572839 | 43.43%  | 1.602% |
| 60     | 4.977 | 4.962 | 4.992 | VV | 185528 | 1996518 | 24.27%  | 0.895% |
| 61     | 5.001 | 4.992 | 5.021 | VV | 91833  | 1080134 | 13.13%  | 0.484% |
| 62     | 5.054 | 5.021 | 5.102 | VV | 107530 | 2426071 | 29.49%  | 1.088% |
| 63     | 5.132 | 5.102 | 5.146 | VV | 99489  | 1466308 | 17.82%  | 0.658% |
| 64     | 5.166 | 5.146 | 5.207 | VV | 266667 | 4853682 | 59.00%  | 2.177% |
| 65     | 5.221 | 5.207 | 5.230 | VV | 193214 | 1970109 | 23.95%  | 0.884% |
| 66     | 5.243 | 5.230 | 5.285 | VV | 327953 | 4372150 | 53.14%  | 1.961% |
| 67     | 5.297 | 5.285 | 5.311 | VV | 48770  | 535985  | 6.51%   | 0.240% |
| 68     | 5.334 | 5.311 | 5.346 | VV | 35171  | 603374  | 7.33%   | 0.271% |
| 69     | 5.364 | 5.346 | 5.398 | VV | 55651  | 1239224 | 15.06%  | 0.556% |
| 70     | 5.436 | 5.398 | 5.475 | VV | 108019 | 2663295 | 32.37%  | 1.194% |
| 71     | 5.492 | 5.475 | 5.505 | VV | 40900  | 637482  | 7.75%   | 0.286% |
| 72     | 5.514 | 5.505 | 5.537 | VV | 35829  | 531111  | 6.46%   | 0.238% |
| 73     | 5.564 | 5.537 | 5.582 | VV | 296966 | 3339808 | 40.59%  | 1.498% |
| 74     | 5.598 | 5.582 | 5.619 | VV | 236563 | 2549902 | 30.99%  | 1.144% |
| 75     | 5.635 | 5.619 | 5.645 | VV | 43145  | 495784  | 6.03%   | 0.222% |
| 76     | 5.654 | 5.645 | 5.672 | VV | 40119  | 467751  | 5.69%   | 0.210% |
| 77     | 5.701 | 5.672 | 5.728 | VV | 29364  | 842243  | 10.24%  | 0.378% |
| 78     | 5.754 | 5.728 | 5.795 | VV | 258639 | 3949707 | 48.01%  | 1.771% |
| 79     | 5.815 | 5.795 | 5.824 | VV | 52055  | 762359  | 9.27%   | 0.342% |
| 80     | 5.849 | 5.824 | 5.885 | VV | 320179 | 5234110 | 63.62%  | 2.347% |
| 81     | 5.902 | 5.885 | 5.921 | VV | 121139 | 1500963 | 18.24%  | 0.673% |
| 82     | 5.938 | 5.921 | 5.956 | VV | 92629  | 1240763 | 15.08%  | 0.556% |
| 83     | 5.975 | 5.956 | 6.001 | VV | 72734  | 1386240 | 16.85%  | 0.622% |
| 84     | 6.022 | 6.001 | 6.043 | VV | 86894  | 1247381 | 15.16%  | 0.559% |
| 85     | 6.074 | 6.043 | 6.095 | VV | 83730  | 1713810 | 20.83%  | 0.769% |
| 86     | 6.117 | 6.095 | 6.134 | VV | 261003 | 2908965 | 35.36%  | 1.305% |
| 87     | 6.145 | 6.134 | 6.181 | VV | 106663 | 1666009 | 20.25%  | 0.747% |
| 88     | 6.204 | 6.181 | 6.228 | VV | 99537  | 1372165 | 16.68%  | 0.615% |
| 89     | 6.249 | 6.228 | 6.279 | VV | 173504 | 3215985 | 39.09%  | 1.442% |

|     |       |       |       |    | rteres |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 6.295 | 6.279 | 6.317 | VV | 82226  | 1234840 | 15.01% | 0.554% |
| 91  | 6.334 | 6.317 | 6.351 | VV | 118609 | 1416449 | 17.22% | 0.635% |
| 92  | 6.371 | 6.351 | 6.406 | VV | 108020 | 2130421 | 25.89% | 0.955% |
| 93  | 6.428 | 6.406 | 6.449 | VV | 39418  | 818105  | 9.94%  | 0.367% |
| 94  | 6.471 | 6.449 | 6.519 | VV | 67662  | 1599142 | 19.44% | 0.717% |
| 95  | 6.545 | 6.519 | 6.593 | VV | 120545 | 2042060 | 24.82% | 0.916% |
| 96  | 6.632 | 6.593 | 6.645 | VV | 40499  | 900649  | 10.95% | 0.404% |
| 97  | 6.662 | 6.645 | 6.678 | VV | 86172  | 1221651 | 14.85% | 0.548% |
| 98  | 6.694 | 6.678 | 6.716 | VV | 118594 | 1509884 | 18.35% | 0.677% |
| 99  | 6.746 | 6.716 | 6.781 | VV | 76948  | 1570599 | 19.09% | 0.704% |
| 100 | 6.796 | 6.781 | 6.807 | VV | 32885  | 431947  | 5.25%  | 0.194% |
| 101 | 6.828 | 6.807 | 6.848 | VV | 128238 | 1624850 | 19.75% | 0.729% |
| 102 | 6.864 | 6.848 | 6.915 | VV | 42076  | 1349406 | 16.40% | 0.605% |
| 103 | 6.950 | 6.915 | 6.973 | VV | 92532  | 1631425 | 19.83% | 0.732% |
| 104 | 6.985 | 6.973 | 7.002 | VV | 37051  | 484073  | 5.88%  | 0.217% |
| 105 | 7.020 | 7.002 | 7.031 | VV | 28466  | 419734  | 5.10%  | 0.188% |
| 106 | 7.068 | 7.031 | 7.089 | VV | 49668  | 1173078 | 14.26% | 0.526% |
| 107 | 7.109 | 7.089 | 7.135 | VV | 80217  | 1263389 | 15.36% | 0.567% |
| 108 | 7.174 | 7.135 | 7.231 | VV | 260306 | 3950600 | 48.02% | 1.772% |
| 109 | 7.250 | 7.231 | 7.290 | VV | 64213  | 1264273 | 15.37% | 0.567% |
| 110 | 7.310 | 7.290 | 7.338 | VV | 117929 | 1459952 | 17.75% | 0.655% |
| 111 | 7.355 | 7.338 | 7.391 | VV | 16500  | 447550  | 5.44%  | 0.201% |
| 112 | 7.408 | 7.391 | 7.422 | VV | 15173  | 236552  | 2.88%  | 0.106% |
| 113 | 7.435 | 7.422 | 7.444 | VV | 14179  | 168610  | 2.05%  | 0.076% |
| 114 | 7.469 | 7.444 | 7.501 | VV | 88022  | 1178303 | 14.32% | 0.528% |
| 115 | 7.526 | 7.501 | 7.544 | VV | 16315  | 373174  | 4.54%  | 0.167% |
| 116 | 7.561 | 7.544 | 7.621 | VV | 19137  | 575326  | 6.99%  | 0.258% |
| 117 | 7.646 | 7.621 | 7.671 | VV | 23576  | 417883  | 5.08%  | 0.187% |
| 118 | 7.702 | 7.671 | 7.755 | VV | 15183  | 427209  | 5.19%  | 0.192% |
| 119 | 7.835 | 7.825 | 7.852 | VV | 8772   | 119458  | 1.45%  | 0.054% |
| 120 | 7.866 | 7.852 | 7.879 | VV | 7965   | 115516  | 1.40%  | 0.052% |
| 121 | 7.896 | 7.879 | 7.908 | VV | 9789   | 147222  | 1.79%  | 0.066% |
| 122 | 7.922 | 7.908 | 7.936 | VV | 9642   | 142906  | 1.74%  | 0.064% |
| 123 | 7.947 | 7.936 | 7.967 | VV | 9171   | 133840  | 1.63%  | 0.060% |
| 124 | 7.991 | 7.967 | 8.013 | VV | 10962  | 187153  | 2.27%  | 0.084% |
| 125 | 8.055 | 8.013 | 8.079 | VV | 13752  | 364323  | 4.43%  | 0.163% |
| 126 | 8.095 | 8.079 | 8.135 | VV | 8699   | 203270  | 2.47%  | 0.091% |
| 127 | 8.163 | 8.135 | 8.238 | VV | 27788  | 552111  | 6.71%  | 0.248% |
| 128 | 8.272 | 8.238 | 8.288 | VV | 24195  | 325111  | 3.95%  | 0.146% |
| 129 | 8.299 | 8.288 | 8.319 | VV | 14392  | 169717  | 2.06%  | 0.076% |
| 130 | 8.340 | 8.319 | 8.365 | VV | 22107  | 267732  | 3.25%  | 0.120% |
| 131 | 8.387 | 8.365 | 8.406 | VV | 4841   | 79151   | 0.96%  | 0.035% |
| 132 | 8.434 | 8.406 | 8.474 | VV | 7769   | 188356  | 2.29%  | 0.084% |
| 133 | 8.485 | 8.474 | 8.494 | VV | 2093   | 23324   | 0.28%  | 0.010% |
| 134 | 8.512 | 8.494 | 8.529 | VV | 3852   | 55474   | 0.67%  | 0.025% |
| 135 | 8.547 | 8.529 | 8.582 | VV | 4129   | 78643   | 0.96%  | 0.035% |
| 136 | 8.594 | 8.582 | 8.607 | VV | 1637   | 22515   | 0.27%  | 0.010% |
| 137 | 8.704 | 8.685 | 8.731 | VV | 2925   | 59500   | 0.72%  | 0.027% |
| 138 | 8.753 | 8.731 | 8.776 | VV | 10401  | 131545  | 1.60%  | 0.059% |
| 139 | 8.803 | 8.776 | 8.822 | VV | 3380   | 72009   | 0.88%  | 0.032% |
| 140 | 8.831 | 8.822 | 8.841 | VV | 2211   | 22356   | 0.27%  | 0.010% |
| 141 | 8.877 | 8.841 | 8.902 | VV | 9566   | 154024  | 1.87%  | 0.069% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 8.928  | 8.902  | 8.967  | VV | 1929   | 55719  | 0.68% | 0.025% |
| 143 | 8.990  | 8.967  | 9.008  | VV | 5269   | 72392  | 0.88% | 0.032% |
| 144 | 9.025  | 9.008  | 9.045  | VV | 6555   | 75113  | 0.91% | 0.034% |
| 145 | 9.060  | 9.045  | 9.080  | VV | 1575   | 24778  | 0.30% | 0.011% |
| 146 | 9.114  | 9.080  | 9.130  | VV | 2530   | 48978  | 0.60% | 0.022% |
| 147 | 9.162  | 9.130  | 9.183  | VV | 11036  | 144147 | 1.75% | 0.065% |
| 148 | 9.201  | 9.183  | 9.234  | VV | 4570   | 66881  | 0.81% | 0.030% |
| 149 | 9.248  | 9.234  | 9.273  | VV | 1219   | 21899  | 0.27% | 0.010% |
| 150 | 9.286  | 9.273  | 9.293  | VV | 695    | 7362   | 0.09% | 0.003% |
| 151 | 9.317  | 9.293  | 9.334  | VV | 3635   | 45234  | 0.55% | 0.020% |
| 152 | 9.348  | 9.334  | 9.382  | VV | 2919   | 34986  | 0.43% | 0.016% |
| 153 | 9.397  | 9.382  | 9.409  | VV | 564    | 7373   | 0.09% | 0.003% |
| 154 | 9.454  | 9.409  | 9.478  | VV | 3528   | 62059  | 0.75% | 0.028% |
| 155 | 9.493  | 9.478  | 9.509  | VV | 829    | 10787  | 0.13% | 0.005% |
| 156 | 9.537  | 9.509  | 9.593  | VV | 8651   | 137963 | 1.68% | 0.062% |
| 157 | 9.619  | 9.593  | 9.646  | VV | 4094   | 69778  | 0.85% | 0.031% |
| 158 | 9.665  | 9.646  | 9.678  | VV | 1643   | 23640  | 0.29% | 0.011% |
| 159 | 9.695  | 9.678  | 9.704  | VV | 1735   | 23268  | 0.28% | 0.010% |
| 160 | 9.718  | 9.704  | 9.731  | VV | 2111   | 29748  | 0.36% | 0.013% |
| 161 | 9.741  | 9.731  | 9.766  | VV | 1725   | 25432  | 0.31% | 0.011% |
| 162 | 9.814  | 9.766  | 9.840  | VV | 46567  | 490711 | 5.96% | 0.220% |
| 163 | 9.857  | 9.840  | 9.880  | VV | 1802   | 31583  | 0.38% | 0.014% |
| 164 | 9.906  | 9.880  | 9.921  | VV | 1765   | 34925  | 0.42% | 0.016% |
| 165 | 9.942  | 9.921  | 9.995  | VV | 8286   | 120840 | 1.47% | 0.054% |
| 166 | 10.014 | 9.995  | 10.034 | VV | 959    | 19751  | 0.24% | 0.009% |
| 167 | 10.052 | 10.034 | 10.096 | VV | 1271   | 26735  | 0.32% | 0.012% |
| 168 | 10.119 | 10.096 | 10.161 | VV | 1370   | 27590  | 0.34% | 0.012% |
| 169 | 10.175 | 10.161 | 10.201 | VV | 575    | 8532   | 0.10% | 0.004% |
| 170 | 10.222 | 10.201 | 10.241 | PV | 761    | 9150   | 0.11% | 0.004% |
| 171 | 10.287 | 10.241 | 10.308 | VV | 4445   | 63988  | 0.78% | 0.029% |
| 172 | 10.332 | 10.308 | 10.365 | VV | 5961   | 90837  | 1.10% | 0.041% |
| 173 | 10.385 | 10.365 | 10.400 | VV | 2061   | 29042  | 0.35% | 0.013% |
| 174 | 10.417 | 10.400 | 10.441 | VV | 2615   | 36336  | 0.44% | 0.016% |
| 175 | 10.461 | 10.441 | 10.514 | VV | 2192   | 46874  | 0.57% | 0.021% |
| 176 | 10.534 | 10.514 | 10.569 | VV | 1217   | 28627  | 0.35% | 0.013% |
| 177 | 10.605 | 10.569 | 10.645 | VV | 1472   | 41766  | 0.51% | 0.019% |
| 178 | 10.681 | 10.645 | 10.722 | VV | 5569   | 92980  | 1.13% | 0.042% |
| 179 | 10.754 | 10.722 | 10.782 | VV | 7682   | 123597 | 1.50% | 0.055% |
| 180 | 10.790 | 10.782 | 10.855 | VV | 913    | 25410  | 0.31% | 0.011% |
| 181 | 10.899 | 10.855 | 10.910 | VV | 571    | 15317  | 0.19% | 0.007% |
| 182 | 10.939 | 10.910 | 10.981 | VV | 8999   | 113617 | 1.38% | 0.051% |
| 183 | 11.014 | 10.981 | 11.043 | VV | 3382   | 53843  | 0.65% | 0.024% |
| 184 | 11.076 | 11.043 | 11.118 | VV | 1615   | 39091  | 0.48% | 0.018% |
| 185 | 11.136 | 11.118 | 11.172 | VV | 973    | 19703  | 0.24% | 0.009% |
| 186 | 11.190 | 11.172 | 11.207 | VV | 796    | 10652  | 0.13% | 0.005% |
| 187 | 11.249 | 11.207 | 11.269 | VV | 1046   | 24891  | 0.30% | 0.011% |
| 188 | 11.295 | 11.269 | 11.311 | VV | 949    | 19085  | 0.23% | 0.009% |
| 189 | 11.332 | 11.311 | 11.346 | VV | 1191   | 19706  | 0.24% | 0.009% |
| 190 | 11.384 | 11.346 | 11.406 | VV | 5866   | 84120  | 1.02% | 0.038% |
| 191 | 11.422 | 11.406 | 11.444 | VV | 1123   | 21789  | 0.26% | 0.010% |
| 192 | 11.475 | 11.444 | 11.512 | VV | 4383   | 79341  | 0.96% | 0.036% |
| 193 | 11.537 | 11.512 | 11.561 | VV | 863    | 18068  | 0.22% | 0.008% |
| 194 | 11.592 | 11.561 | 11.614 | VV | 1151   | 22380  | 0.27% | 0.010% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 11.633 | 11.614 | 11.648 | VV | 772    | 11752   | 0.14%  | 0.005% |
| 196 | 11.711 | 11.648 | 11.758 | VV | 385853 | 4076375 | 49.55% | 1.828% |
| 197 | 11.775 | 11.758 | 11.803 | VV | 2916   | 47317   | 0.58%  | 0.021% |
| 198 | 11.863 | 11.803 | 11.877 | VV | 1381   | 50408   | 0.61%  | 0.023% |
| 199 | 11.893 | 11.877 | 11.909 | VV | 2106   | 28748   | 0.35%  | 0.013% |
| 200 | 11.924 | 11.909 | 11.974 | VV | 1851   | 43619   | 0.53%  | 0.020% |
| 201 | 12.053 | 11.974 | 12.117 | VV | 4015   | 137680  | 1.67%  | 0.062% |
| 202 | 12.146 | 12.117 | 12.170 | VV | 1521   | 37014   | 0.45%  | 0.017% |
| 203 | 12.188 | 12.170 | 12.200 | VV | 1255   | 21229   | 0.26%  | 0.010% |
| 204 | 12.214 | 12.200 | 12.226 | VV | 1309   | 18428   | 0.22%  | 0.008% |
| 205 | 12.301 | 12.226 | 12.378 | VV | 27564  | 466746  | 5.67%  | 0.209% |
| 206 | 12.391 | 12.378 | 12.404 | VV | 2337   | 34175   | 0.42%  | 0.015% |
| 207 | 12.424 | 12.404 | 12.451 | VV | 2665   | 63813   | 0.78%  | 0.029% |
| 208 | 12.468 | 12.451 | 12.504 | VV | 2366   | 64871   | 0.79%  | 0.029% |
| 209 | 12.532 | 12.504 | 12.595 | VV | 2386   | 98978   | 1.20%  | 0.044% |
| 210 | 12.642 | 12.595 | 12.663 | VV | 3853   | 100537  | 1.22%  | 0.045% |
| 211 | 12.696 | 12.663 | 12.735 | VV | 5934   | 135754  | 1.65%  | 0.061% |
| 212 | 12.759 | 12.735 | 12.827 | VV | 6697   | 169683  | 2.06%  | 0.076% |
| 213 | 12.843 | 12.827 | 12.881 | VV | 1870   | 57660   | 0.70%  | 0.026% |
| 214 | 12.887 | 12.881 | 12.901 | VV | 1748   | 20056   | 0.24%  | 0.009% |
| 215 | 12.918 | 12.901 | 12.931 | VV | 1883   | 29244   | 0.36%  | 0.013% |
| 216 | 12.949 | 12.931 | 12.960 | VV | 2152   | 33720   | 0.41%  | 0.015% |
| 217 | 12.974 | 12.960 | 12.989 | VV | 2104   | 34970   | 0.43%  | 0.016% |
| 218 | 13.005 | 12.989 | 13.038 | VV | 1955   | 53633   | 0.65%  | 0.024% |
| 219 | 13.058 | 13.038 | 13.077 | VV | 5763   | 83762   | 1.02%  | 0.038% |
| 220 | 13.094 | 13.077 | 13.108 | VV | 3788   | 56486   | 0.69%  | 0.025% |
| 221 | 13.143 | 13.108 | 13.175 | VV | 260210 | 3152010 | 38.31% | 1.414% |
| 222 | 13.193 | 13.175 | 13.220 | VV | 3378   | 76846   | 0.93%  | 0.034% |
| 223 | 13.245 | 13.220 | 13.276 | VV | 2484   | 77679   | 0.94%  | 0.035% |
| 224 | 13.308 | 13.276 | 13.341 | VV | 4870   | 121456  | 1.48%  | 0.054% |
| 225 | 13.352 | 13.341 | 13.370 | VV | 3038   | 48472   | 0.59%  | 0.022% |
| 226 | 13.386 | 13.370 | 13.438 | VV | 2998   | 105378  | 1.28%  | 0.047% |
| 227 | 13.454 | 13.438 | 13.464 | VV | 2750   | 40952   | 0.50%  | 0.018% |
| 228 | 13.485 | 13.464 | 13.504 | VV | 3423   | 70703   | 0.86%  | 0.032% |
| 229 | 13.543 | 13.504 | 13.611 | VV | 6205   | 275092  | 3.34%  | 0.123% |
| 230 | 13.644 | 13.611 | 13.677 | VV | 3735   | 132959  | 1.62%  | 0.060% |
| 231 | 13.698 | 13.677 | 13.709 | VV | 3304   | 57967   | 0.70%  | 0.026% |
| 232 | 13.758 | 13.709 | 13.776 | VV | 3925   | 138362  | 1.68%  | 0.062% |
| 233 | 13.817 | 13.776 | 13.835 | VV | 3614   | 122951  | 1.49%  | 0.055% |
| 234 | 13.845 | 13.835 | 13.867 | VV | 3559   | 63208   | 0.77%  | 0.028% |
| 235 | 13.894 | 13.867 | 13.935 | VV | 5097   | 163230  | 1.98%  | 0.073% |
| 236 | 13.957 | 13.935 | 13.988 | VV | 3741   | 106829  | 1.30%  | 0.048% |
| 237 | 13.992 | 13.988 | 14.011 | VV | 3222   | 43985   | 0.53%  | 0.020% |
| 238 | 14.025 | 14.011 | 14.081 | VV | 3340   | 131690  | 1.60%  | 0.059% |
| 239 | 14.128 | 14.081 | 14.178 | VV | 4515   | 212932  | 2.59%  | 0.095% |
| 240 | 14.192 | 14.178 | 14.209 | VV | 3965   | 70040   | 0.85%  | 0.031% |
| 241 | 14.224 | 14.209 | 14.241 | VV | 4055   | 72528   | 0.88%  | 0.033% |
| 242 | 14.260 | 14.241 | 14.275 | VV | 4046   | 74333   | 0.90%  | 0.033% |
| 243 | 14.332 | 14.275 | 14.348 | VV | 4322   | 175858  | 2.14%  | 0.079% |
| 244 | 14.376 | 14.348 | 14.404 | VV | 4198   | 130632  | 1.59%  | 0.059% |
| 245 | 14.413 | 14.404 | 14.431 | VV | 3707   | 58960   | 0.72%  | 0.026% |
| 246 | 14.460 | 14.431 | 14.479 | VV | 4332   | 112096  | 1.36%  | 0.050% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 247 | 14.521 | 14.479 | 14.546 | VV | 4501   | 164479 | 2.00% | 0.074% |
| 248 | 14.584 | 14.546 | 14.612 | VV | 4963   | 173167 | 2.10% | 0.078% |
| 249 | 14.625 | 14.612 | 14.641 | VV | 4099   | 69727  | 0.85% | 0.031% |
| 250 | 14.676 | 14.641 | 14.696 | VV | 4339   | 134977 | 1.64% | 0.061% |
| 251 | 14.745 | 14.696 | 14.795 | VV | 4601   | 245729 | 2.99% | 0.110% |
| 252 | 14.813 | 14.795 | 14.829 | VV | 4440   | 83857  | 1.02% | 0.038% |
| 253 | 14.855 | 14.829 | 14.867 | VV | 4107   | 90566  | 1.10% | 0.041% |
| 254 | 14.892 | 14.867 | 14.913 | VV | 4436   | 117175 | 1.42% | 0.053% |
| 255 | 14.935 | 14.913 | 14.955 | VV | 6570   | 129448 | 1.57% | 0.058% |
| 256 | 14.994 | 14.955 | 15.022 | VV | 6339   | 219385 | 2.67% | 0.098% |
| 257 | 15.044 | 15.022 | 15.115 | VV | 5319   | 254299 | 3.09% | 0.114% |
| 258 | 15.144 | 15.115 | 15.169 | VV | 4893   | 145636 | 1.77% | 0.065% |
| 259 | 15.204 | 15.169 | 15.228 | VV | 4549   | 151424 | 1.84% | 0.068% |
| 260 | 15.252 | 15.228 | 15.298 | VV | 4891   | 189392 | 2.30% | 0.085% |
| 261 | 15.335 | 15.298 | 15.355 | VV | 4996   | 151622 | 1.84% | 0.068% |
| 262 | 15.378 | 15.355 | 15.495 | VV | 12966  | 546961 | 6.65% | 0.245% |
| 263 | 15.542 | 15.495 | 15.588 | VV | 8123   | 327143 | 3.98% | 0.147% |
| 264 | 15.605 | 15.588 | 15.637 | VV | 6036   | 151730 | 1.84% | 0.068% |
| 265 | 15.657 | 15.637 | 15.681 | VV | 4523   | 116402 | 1.41% | 0.052% |
| 266 | 15.685 | 15.681 | 15.695 | VV | 4355   | 34424  | 0.42% | 0.015% |
| 267 | 15.708 | 15.695 | 15.731 | VV | 4648   | 97909  | 1.19% | 0.044% |
| 268 | 15.779 | 15.731 | 15.815 | VV | 4986   | 233227 | 2.83% | 0.105% |
| 269 | 15.832 | 15.815 | 15.886 | VV | 5544   | 214184 | 2.60% | 0.096% |
| 270 | 15.929 | 15.886 | 15.949 | VV | 4840   | 171134 | 2.08% | 0.077% |
| 271 | 16.022 | 15.949 | 16.045 | VV | 6664   | 286583 | 3.48% | 0.129% |
| 272 | 16.058 | 16.045 | 16.103 | VV | 5568   | 172676 | 2.10% | 0.077% |
| 273 | 16.121 | 16.103 | 16.139 | VV | 4828   | 95841  | 1.16% | 0.043% |
| 274 | 16.148 | 16.139 | 16.168 | VV | 4305   | 72057  | 0.88% | 0.032% |
| 275 | 16.214 | 16.168 | 16.228 | VV | 5219   | 170498 | 2.07% | 0.076% |
| 276 | 16.245 | 16.228 | 16.281 | VV | 5253   | 156350 | 1.90% | 0.070% |
| 277 | 16.334 | 16.281 | 16.358 | VV | 5604   | 231409 | 2.81% | 0.104% |
| 278 | 16.363 | 16.358 | 16.374 | VV | 5245   | 49261  | 0.60% | 0.022% |
| 279 | 16.407 | 16.374 | 16.437 | VV | 5607   | 198217 | 2.41% | 0.089% |
| 280 | 16.494 | 16.437 | 16.511 | VV | 7697   | 256219 | 3.11% | 0.115% |
| 281 | 16.522 | 16.511 | 16.571 | VV | 6721   | 193478 | 2.35% | 0.087% |
| 282 | 16.586 | 16.571 | 16.605 | VV | 4992   | 96309  | 1.17% | 0.043% |
| 283 | 16.618 | 16.605 | 16.635 | VV | 4782   | 82610  | 1.00% | 0.037% |
| 284 | 16.642 | 16.635 | 16.648 | VV | 4773   | 38909  | 0.47% | 0.017% |
| 285 | 16.673 | 16.648 | 16.688 | VV | 5135   | 117220 | 1.42% | 0.053% |
| 286 | 16.728 | 16.688 | 16.767 | VV | 5367   | 234707 | 2.85% | 0.105% |
| 287 | 16.783 | 16.767 | 16.795 | VV | 5050   | 80776  | 0.98% | 0.036% |
| 288 | 16.820 | 16.795 | 16.838 | VV | 5312   | 131922 | 1.60% | 0.059% |
| 289 | 16.873 | 16.838 | 16.931 | VV | 6690   | 280018 | 3.40% | 0.126% |
| 290 | 16.973 | 16.931 | 16.995 | VV | 7343   | 211858 | 2.58% | 0.095% |
| 291 | 17.022 | 16.995 | 17.075 | VV | 8537   | 281912 | 3.43% | 0.126% |
| 292 | 17.100 | 17.075 | 17.157 | VV | 4894   | 226520 | 2.75% | 0.102% |
| 293 | 17.173 | 17.157 | 17.181 | VV | 4710   | 65417  | 0.80% | 0.029% |
| 294 | 17.227 | 17.181 | 17.258 | VV | 5483   | 232353 | 2.82% | 0.104% |
| 295 | 17.300 | 17.258 | 17.337 | VV | 5404   | 218056 | 2.65% | 0.098% |
| 296 | 17.348 | 17.337 | 17.368 | VV | 4703   | 84083  | 1.02% | 0.038% |
| 297 | 17.421 | 17.368 | 17.446 | VV | 6778   | 240497 | 2.92% | 0.108% |
| 298 | 17.455 | 17.446 | 17.501 | VV | 4308   | 137937 | 1.68% | 0.062% |
| 299 | 17.550 | 17.501 | 17.619 | VV | 5045   | 306714 | 3.73% | 0.138% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 300 | 17.645 | 17.619 | 17.688 | VV | 4018   | 155883 | 1.89% | 0.070% |
| 301 | 17.705 | 17.688 | 17.747 | VV | 3933   | 130781 | 1.59% | 0.059% |
| 302 | 17.816 | 17.747 | 17.835 | VV | 4686   | 216491 | 2.63% | 0.097% |
| 303 | 17.862 | 17.835 | 17.901 | VV | 7535   | 195833 | 2.38% | 0.088% |
| 304 | 17.948 | 17.901 | 17.973 | VV | 4298   | 163082 | 1.98% | 0.073% |
| 305 | 18.024 | 17.973 | 18.042 | VV | 4957   | 164692 | 2.00% | 0.074% |
| 306 | 18.051 | 18.042 | 18.097 | VV | 4276   | 124415 | 1.51% | 0.056% |
| 307 | 18.163 | 18.097 | 18.178 | VV | 3564   | 163715 | 1.99% | 0.073% |
| 308 | 18.224 | 18.178 | 18.263 | VV | 10138  | 319629 | 3.89% | 0.143% |
| 309 | 18.285 | 18.263 | 18.317 | VV | 9017   | 188599 | 2.29% | 0.085% |
| 310 | 18.330 | 18.317 | 18.345 | VV | 3316   | 53714  | 0.65% | 0.024% |
| 311 | 18.358 | 18.345 | 18.368 | VV | 3543   | 46544  | 0.57% | 0.021% |
| 312 | 18.391 | 18.368 | 18.455 | VV | 4940   | 185887 | 2.26% | 0.083% |
| 313 | 18.465 | 18.455 | 18.474 | VV | 2859   | 31919  | 0.39% | 0.014% |
| 314 | 18.499 | 18.474 | 18.524 | VV | 4898   | 107881 | 1.31% | 0.048% |
| 315 | 18.549 | 18.524 | 18.624 | VV | 3239   | 172707 | 2.10% | 0.077% |
| 316 | 18.695 | 18.624 | 18.745 | VV | 6997   | 250562 | 3.05% | 0.112% |
| 317 | 18.758 | 18.745 | 18.770 | VV | 2515   | 37457  | 0.46% | 0.017% |
| 318 | 18.814 | 18.770 | 18.839 | VV | 3215   | 116125 | 1.41% | 0.052% |
| 319 | 18.858 | 18.839 | 18.908 | VV | 3057   | 113114 | 1.37% | 0.051% |
| 320 | 18.913 | 18.908 | 18.930 | VV | 2480   | 32465  | 0.39% | 0.015% |
| 321 | 18.953 | 18.930 | 19.018 | VV | 2708   | 133329 | 1.62% | 0.060% |
| 322 | 19.052 | 19.018 | 19.072 | VV | 4921   | 122859 | 1.49% | 0.055% |
| 323 | 19.092 | 19.072 | 19.161 | VV | 5604   | 214433 | 2.61% | 0.096% |
| 324 | 19.175 | 19.161 | 19.187 | VV | 2823   | 40918  | 0.50% | 0.018% |
| 325 | 19.208 | 19.187 | 19.250 | VV | 2841   | 100112 | 1.22% | 0.045% |
| 326 | 19.275 | 19.250 | 19.285 | VV | 2798   | 54432  | 0.66% | 0.024% |
| 327 | 19.296 | 19.285 | 19.323 | VV | 2859   | 59563  | 0.72% | 0.027% |
| 328 | 19.344 | 19.323 | 19.371 | VV | 2678   | 72891  | 0.89% | 0.033% |
| 329 | 19.390 | 19.371 | 19.407 | VV | 2611   | 52479  | 0.64% | 0.024% |
| 330 | 19.417 | 19.407 | 19.439 | VV | 2447   | 44768  | 0.54% | 0.020% |
| 331 | 19.481 | 19.439 | 19.561 | VV | 5650   | 234230 | 2.85% | 0.105% |
| 332 | 19.593 | 19.561 | 19.615 | VV | 2961   | 87244  | 1.06% | 0.039% |
| 333 | 19.621 | 19.615 | 19.635 | VV | 2717   | 31281  | 0.38% | 0.014% |
| 334 | 19.658 | 19.635 | 19.698 | VV | 3172   | 106362 | 1.29% | 0.048% |
| 335 | 19.722 | 19.698 | 19.751 | VV | 2926   | 89153  | 1.08% | 0.040% |
| 336 | 19.769 | 19.751 | 19.810 | VV | 3103   | 100532 | 1.22% | 0.045% |
| 337 | 19.858 | 19.810 | 19.879 | VV | 5027   | 148938 | 1.81% | 0.067% |
| 338 | 19.889 | 19.879 | 19.905 | VV | 3366   | 48842  | 0.59% | 0.022% |
| 339 | 19.917 | 19.905 | 19.939 | VV | 3239   | 64081  | 0.78% | 0.029% |
| 340 | 19.953 | 19.939 | 19.984 | VV | 3034   | 78643  | 0.96% | 0.035% |
| 341 | 20.036 | 19.984 | 20.057 | VV | 3316   | 137146 | 1.67% | 0.062% |
| 342 | 20.083 | 20.057 | 20.103 | VV | 3805   | 95859  | 1.17% | 0.043% |
| 343 | 20.110 | 20.103 | 20.169 | VV | 3484   | 130585 | 1.59% | 0.059% |
| 344 | 20.181 | 20.169 | 20.190 | VV | 3368   | 41052  | 0.50% | 0.018% |
| 345 | 20.222 | 20.190 | 20.255 | VV | 5754   | 162834 | 1.98% | 0.073% |
| 346 | 20.268 | 20.255 | 20.288 | VV | 3502   | 67219  | 0.82% | 0.030% |
| 347 | 20.318 | 20.288 | 20.351 | VV | 3602   | 132713 | 1.61% | 0.060% |
| 348 | 20.392 | 20.351 | 20.422 | VV | 3977   | 155690 | 1.89% | 0.070% |
| 349 | 20.432 | 20.422 | 20.451 | VV | 3639   | 63497  | 0.77% | 0.028% |
| 350 | 20.462 | 20.451 | 20.482 | VV | 3675   | 66445  | 0.81% | 0.030% |
| 351 | 20.493 | 20.482 | 20.545 | VV | 3536   | 122868 | 1.49% | 0.055% |

|     |        |        |        |    |                                   |        |       |        |
|-----|--------|--------|--------|----|-----------------------------------|--------|-------|--------|
|     |        |        |        |    | rters                             |        |       |        |
| 352 | 20.589 | 20.545 | 20.671 | VV | 4028                              | 251750 | 3.06% | 0.113% |
| 353 | 20.679 | 20.671 | 20.684 | VV | 3168                              | 23307  | 0.28% | 0.010% |
| 354 | 20.694 | 20.684 | 20.765 | VV | 3322                              | 148160 | 1.80% | 0.066% |
| 355 | 20.775 | 20.765 | 20.810 | VV | 2871                              | 75535  | 0.92% | 0.034% |
| 356 | 20.822 | 20.810 | 20.888 | VV | 2797                              | 121450 | 1.48% | 0.054% |
| 357 | 20.893 | 20.888 | 20.908 | VV | 2422                              | 27686  | 0.34% | 0.012% |
| 358 | 20.919 | 20.908 | 20.940 | VV | 2311                              | 42662  | 0.52% | 0.019% |
| 359 | 20.997 | 20.940 | 21.050 | VV | 3604                              | 171965 | 2.09% | 0.077% |
| 360 | 21.068 | 21.050 | 21.132 | VV | 2166                              | 96832  | 1.18% | 0.043% |
| 361 | 21.141 | 21.132 | 21.164 | VV | 1828                              | 34601  | 0.42% | 0.016% |
| 362 | 21.187 | 21.164 | 21.205 | VV | 1891                              | 43173  | 0.52% | 0.019% |
| 363 | 21.238 | 21.205 | 21.295 | VV | 1700                              | 85224  | 1.04% | 0.038% |
| 364 | 21.320 | 21.295 | 21.412 | VV | 1592                              | 100017 | 1.22% | 0.045% |
| 365 | 21.423 | 21.412 | 21.431 | VV | 1379                              | 14657  | 0.18% | 0.007% |
| 366 | 21.454 | 21.431 | 21.525 | VV | 1461                              | 70773  | 0.86% | 0.032% |
| 367 | 21.537 | 21.525 | 21.547 | VV | 1109                              | 14381  | 0.17% | 0.006% |
| 368 | 21.580 | 21.547 | 21.611 | VV | 1199                              | 42048  | 0.51% | 0.019% |
| 369 | 21.625 | 21.611 | 21.649 | VV | 1089                              | 22725  | 0.28% | 0.010% |
| 370 | 21.666 | 21.649 | 21.711 | VV | 996                               | 33723  | 0.41% | 0.015% |
| 371 | 21.721 | 21.711 | 21.746 | VV | 804                               | 14828  | 0.18% | 0.007% |
| 372 | 21.758 | 21.746 | 21.775 | VV | 623                               | 10181  | 0.12% | 0.005% |
| 373 | 21.782 | 21.775 | 21.812 | VV | 625                               | 12555  | 0.15% | 0.006% |
| 374 | 21.821 | 21.812 | 21.829 | VV | 591                               | 5308   | 0.06% | 0.002% |
| 375 | 21.844 | 21.829 | 21.906 | VV | 569                               | 21759  | 0.26% | 0.010% |
| 376 | 21.917 | 21.906 | 21.926 | VV | 432                               | 5005   | 0.06% | 0.002% |
| 377 | 21.974 | 21.926 | 22.043 | VV | 1219                              | 49619  | 0.60% | 0.022% |
| 378 | 22.076 | 22.043 | 22.091 | VV | 470                               | 11202  | 0.14% | 0.005% |
| 379 | 22.108 | 22.091 | 22.147 | VV | 414                               | 9525   | 0.12% | 0.004% |
| 380 | 22.175 | 22.147 | 22.205 | VV | 211                               | 4585   | 0.06% | 0.002% |
| 381 | 22.239 | 22.205 | 22.246 | PV | 87                                | 1284   | 0.02% | 0.001% |
| 382 | 22.265 | 22.246 | 22.285 | PV | 167                               | 2265   | 0.03% | 0.001% |
| 383 | 22.340 | 22.285 | 22.361 | VV | 95                                | 906    | 0.01% | 0.000% |
|     |        |        |        |    | Sum of corrected areas: 222988573 |        |       |        |

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