

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121923AL\  
 Data File : FE045908.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Dec 2023 07:31  
 Sample : 05882-01DL 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 113023.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         | 3.362       | 3.304        | 3.380      | BV       | 188            | 2679         | 0.01%          | 0.002%        |
| 2         | 3.404       | 3.380        | 3.444      | VV       | 344            | 5648         | 0.02%          | 0.005%        |
| 3         | 3.462       | 3.444        | 3.474      | VV       | 169            | 1883         | 0.01%          | 0.002%        |
| 4         | 3.499       | 3.474        | 3.518      | VV       | 154            | 1993         | 0.01%          | 0.002%        |
| 5         | 3.533       | 3.518        | 3.548      | VV       | 420            | 4996         | 0.02%          | 0.005%        |
| 6         | 3.558       | 3.548        | 3.572      | VV       | 204            | 2194         | 0.01%          | 0.002%        |
| 7         | 3.591       | 3.572        | 3.601      | VV       | 226            | 2760         | 0.01%          | 0.002%        |
| 8         | 3.614       | 3.601        | 3.628      | VV       | 228            | 2958         | 0.01%          | 0.003%        |
| 9         | 3.643       | 3.628        | 3.651      | VV       | 377            | 3776         | 0.01%          | 0.003%        |
| 10        | 3.694       | 3.651        | 3.733      | VV       | 4072           | 55686        | 0.21%          | 0.050%        |
| 11        | 3.748       | 3.733        | 3.784      | VV       | 393            | 8224         | 0.03%          | 0.007%        |
| 12        | 3.811       | 3.784        | 3.874      | VV       | 3279           | 51116        | 0.19%          | 0.046%        |
| 13        | 3.900       | 3.874        | 3.928      | VV       | 1414           | 23179        | 0.09%          | 0.021%        |
| 14        | 3.933       | 3.928        | 3.968      | VV       | 531            | 7480         | 0.03%          | 0.007%        |
| 15        | 4.010       | 3.968        | 4.029      | VV       | 1622           | 25214        | 0.09%          | 0.023%        |
| 16        | 4.045       | 4.029        | 4.068      | VV       | 959            | 14141        | 0.05%          | 0.013%        |
| 17        | 4.090       | 4.068        | 4.102      | VV       | 619            | 10835        | 0.04%          | 0.010%        |
| 18        | 4.121       | 4.102        | 4.144      | VV       | 999            | 15257        | 0.06%          | 0.014%        |
| 19        | 4.186       | 4.144        | 4.198      | VV       | 886            | 17081        | 0.06%          | 0.015%        |
| 20        | 4.212       | 4.198        | 4.226      | VV       | 1184           | 15154        | 0.06%          | 0.014%        |
| 21        | 4.242       | 4.226        | 4.270      | VV       | 1148           | 19713        | 0.07%          | 0.018%        |
| 22        | 4.280       | 4.270        | 4.296      | VV       | 605            | 7961         | 0.03%          | 0.007%        |
| 23        | 4.307       | 4.296        | 4.328      | VV       | 489            | 6598         | 0.02%          | 0.006%        |
| 24        | 4.363       | 4.328        | 4.385      | VV       | 766            | 14972        | 0.06%          | 0.014%        |
| 25        | 4.409       | 4.385        | 4.436      | VV       | 1003           | 17889        | 0.07%          | 0.016%        |
| 26        | 4.472       | 4.436        | 4.492      | VV       | 3856           | 51616        | 0.19%          | 0.047%        |
| 27        | 4.507       | 4.492        | 4.526      | VV       | 1990           | 24088        | 0.09%          | 0.022%        |
| 28        | 4.545       | 4.526        | 4.564      | VV       | 1388           | 19009        | 0.07%          | 0.017%        |
| 29        | 4.579       | 4.564        | 4.608      | VV       | 729            | 14647        | 0.05%          | 0.013%        |
| 30        | 4.624       | 4.608        | 4.634      | VV       | 928            | 10587        | 0.04%          | 0.010%        |
| 31        | 4.649       | 4.634        | 4.664      | VV       | 990            | 15403        | 0.06%          | 0.014%        |
| 32        | 4.696       | 4.664        | 4.713      | VV       | 1183           | 28776        | 0.11%          | 0.026%        |
| 33        | 4.723       | 4.713        | 4.737      | VV       | 1069           | 12447        | 0.05%          | 0.011%        |
| 34        | 4.756       | 4.737        | 4.769      | VV       | 3015           | 35179        | 0.13%          | 0.032%        |
| 35        | 4.777       | 4.769        | 4.793      | VV       | 1995           | 21164        | 0.08%          | 0.019%        |
| 36        | 4.834       | 4.793        | 4.849      | VV       | 2110           | 51695        | 0.19%          | 0.047%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.887 | 4.849 | 4.904 | VV | 3214   | 62170  | 0.23% | 0.056% |
| 38 | 4.931 | 4.904 | 4.951 | VV | 2723   | 54519  | 0.20% | 0.049% |
| 39 | 4.975 | 4.951 | 5.021 | VH | 5260   | 98137  | 0.37% | 0.089% |
| 40 | 5.049 | 5.021 | 5.071 | HH | 2951   | 49717  | 0.19% | 0.045% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.085 | 5.071 | 5.108 | HH | 1635   | 27952  | 0.10% | 0.025% |
| 42 | 5.148 | 5.108 | 5.160 | HH | 2658   | 48377  | 0.18% | 0.044% |
| 43 | 5.179 | 5.160 | 5.204 | HH | 4062   | 71902  | 0.27% | 0.065% |
| 44 | 5.224 | 5.204 | 5.239 | HH | 4717   | 59946  | 0.22% | 0.054% |
| 45 | 5.254 | 5.239 | 5.273 | HH | 3839   | 58614  | 0.22% | 0.053% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.290 | 5.273 | 5.326 | HH | 3886   | 70945  | 0.27% | 0.064% |
| 47 | 5.353 | 5.326 | 5.365 | HH | 1332   | 29025  | 0.11% | 0.026% |
| 48 | 5.388 | 5.365 | 5.400 | HH | 2859   | 43781  | 0.16% | 0.040% |
| 49 | 5.411 | 5.400 | 5.431 | HH | 2756   | 43782  | 0.16% | 0.040% |
| 50 | 5.453 | 5.431 | 5.470 | HH | 3969   | 76273  | 0.29% | 0.069% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.484 | 5.470 | 5.502 | HH | 4682   | 64088  | 0.24% | 0.058% |
| 52 | 5.512 | 5.502 | 5.524 | HH | 2410   | 30888  | 0.12% | 0.028% |
| 53 | 5.547 | 5.524 | 5.563 | HH | 3398   | 60396  | 0.23% | 0.055% |
| 54 | 5.575 | 5.563 | 5.586 | HH | 2380   | 27830  | 0.10% | 0.025% |
| 55 | 5.612 | 5.586 | 5.660 | HH | 16529  | 308217 | 1.15% | 0.279% |
|    |       |       |       |    |        |        |       |        |
| 56 | 5.671 | 5.660 | 5.713 | HH | 2344   | 68284  | 0.26% | 0.062% |
| 57 | 5.737 | 5.713 | 5.749 | HH | 2409   | 46128  | 0.17% | 0.042% |
| 58 | 5.789 | 5.749 | 5.850 | HH | 7029   | 231919 | 0.87% | 0.210% |
| 59 | 5.872 | 5.850 | 5.881 | HH | 4918   | 68458  | 0.26% | 0.062% |
| 60 | 5.899 | 5.881 | 5.944 | HH | 9161   | 251308 | 0.94% | 0.227% |
|    |       |       |       |    |        |        |       |        |
| 61 | 5.954 | 5.944 | 5.963 | HH | 4333   | 45575  | 0.17% | 0.041% |
| 62 | 5.994 | 5.963 | 6.026 | HH | 10438  | 226450 | 0.85% | 0.205% |
| 63 | 6.040 | 6.026 | 6.068 | HH | 4847   | 106772 | 0.40% | 0.097% |
| 64 | 6.086 | 6.068 | 6.104 | HH | 6518   | 101498 | 0.38% | 0.092% |
| 65 | 6.138 | 6.104 | 6.158 | HH | 6765   | 159986 | 0.60% | 0.145% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.214 | 6.158 | 6.227 | HH | 6540   | 223873 | 0.84% | 0.203% |
| 67 | 6.237 | 6.227 | 6.257 | HH | 6370   | 92317  | 0.35% | 0.084% |
| 68 | 6.284 | 6.257 | 6.300 | HH | 6880   | 133538 | 0.50% | 0.121% |
| 69 | 6.323 | 6.300 | 6.337 | HH | 8408   | 148806 | 0.56% | 0.135% |
| 70 | 6.353 | 6.337 | 6.390 | HH | 8340   | 212555 | 0.80% | 0.192% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.407 | 6.390 | 6.422 | HH | 7760   | 113530 | 0.42% | 0.103% |
| 72 | 6.431 | 6.422 | 6.439 | HH | 5956   | 60826  | 0.23% | 0.055% |
| 73 | 6.460 | 6.439 | 6.493 | HH | 8179   | 198808 | 0.74% | 0.180% |
| 74 | 6.512 | 6.493 | 6.537 | HH | 6198   | 143766 | 0.54% | 0.130% |
| 75 | 6.562 | 6.537 | 6.594 | HH | 11240  | 251466 | 0.94% | 0.228% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.604 | 6.594 | 6.619 | HH | 5925   | 82218  | 0.31% | 0.074% |
| 77 | 6.641 | 6.619 | 6.688 | HH | 24916  | 428514 | 1.60% | 0.388% |
| 78 | 6.727 | 6.688 | 6.737 | HH | 6205   | 155480 | 0.58% | 0.141% |
| 79 | 6.757 | 6.737 | 6.773 | HH | 8043   | 146858 | 0.55% | 0.133% |
| 80 | 6.794 | 6.773 | 6.818 | HH | 14854  | 259040 | 0.97% | 0.234% |
|    |       |       |       |    |        |        |       |        |
| 81 | 6.838 | 6.818 | 6.855 | HH | 8527   | 159909 | 0.60% | 0.145% |
| 82 | 6.867 | 6.855 | 6.878 | HH | 7140   | 89600  | 0.34% | 0.081% |
| 83 | 6.894 | 6.878 | 6.904 | HH | 7452   | 105662 | 0.40% | 0.096% |
| 84 | 6.921 | 6.904 | 6.944 | HH | 12279  | 204041 | 0.76% | 0.185% |
| 85 | 6.965 | 6.944 | 6.975 | HH | 9318   | 139362 | 0.52% | 0.126% |
|    |       |       |       |    |        |        |       |        |
| 86 | 6.984 | 6.975 | 7.016 | HH | 9147   | 186048 | 0.70% | 0.168% |
| 87 | 7.043 | 7.016 | 7.082 | HH | 23399  | 449919 | 1.68% | 0.407% |
| 88 | 7.090 | 7.082 | 7.101 | HH | 6582   | 73825  | 0.28% | 0.067% |
| 89 | 7.120 | 7.101 | 7.138 | HH | 8688   | 165258 | 0.62% | 0.150% |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
|     |       |       |       |    | rteres |         |       |        |
| 90  | 7.168 | 7.138 | 7.190 | HH | 12618  | 299795  | 1.12% | 0.271% |
| 91  | 7.212 | 7.190 | 7.242 | HH | 14527  | 294183  | 1.10% | 0.266% |
| 92  | 7.275 | 7.242 | 7.304 | HH | 18795  | 440321  | 1.65% | 0.399% |
| 93  | 7.320 | 7.304 | 7.337 | HH | 11853  | 179686  | 0.67% | 0.163% |
| 94  | 7.361 | 7.337 | 7.394 | HH | 17753  | 370647  | 1.39% | 0.335% |
| 95  | 7.415 | 7.394 | 7.442 | HH | 12943  | 285386  | 1.07% | 0.258% |
| 96  | 7.460 | 7.442 | 7.477 | HH | 9957   | 174355  | 0.65% | 0.158% |
| 97  | 7.561 | 7.477 | 7.572 | HH | 20695  | 574908  | 2.15% | 0.520% |
| 98  | 7.588 | 7.572 | 7.610 | HH | 39564  | 529103  | 1.98% | 0.479% |
| 99  | 7.623 | 7.610 | 7.648 | HH | 10984  | 238519  | 0.89% | 0.216% |
| 100 | 7.654 | 7.648 | 7.694 | HH | 10389  | 253094  | 0.95% | 0.229% |
| 101 | 7.709 | 7.694 | 7.724 | HH | 8315   | 142742  | 0.53% | 0.129% |
| 102 | 7.760 | 7.724 | 7.795 | HH | 18751  | 499421  | 1.87% | 0.452% |
| 103 | 7.812 | 7.795 | 7.835 | HH | 11169  | 220872  | 0.83% | 0.200% |
| 104 | 7.853 | 7.835 | 7.871 | HH | 9759   | 177970  | 0.67% | 0.161% |
| 105 | 7.899 | 7.871 | 7.942 | HH | 77926  | 1192862 | 4.46% | 1.080% |
| 106 | 7.957 | 7.942 | 7.997 | HH | 14286  | 361734  | 1.35% | 0.327% |
| 107 | 8.018 | 7.997 | 8.035 | HH | 14047  | 258170  | 0.97% | 0.234% |
| 108 | 8.053 | 8.035 | 8.088 | HH | 13969  | 384869  | 1.44% | 0.348% |
| 109 | 8.114 | 8.088 | 8.135 | HH | 13996  | 315736  | 1.18% | 0.286% |
| 110 | 8.161 | 8.135 | 8.178 | HH | 16367  | 325866  | 1.22% | 0.295% |
| 111 | 8.194 | 8.178 | 8.205 | HH | 17052  | 235609  | 0.88% | 0.213% |
| 112 | 8.218 | 8.205 | 8.242 | HH | 18921  | 300676  | 1.13% | 0.272% |
| 113 | 8.288 | 8.242 | 8.320 | HH | 23702  | 627338  | 2.35% | 0.568% |
| 114 | 8.334 | 8.320 | 8.355 | HH | 11010  | 214830  | 0.80% | 0.194% |
| 115 | 8.387 | 8.355 | 8.403 | HH | 16754  | 400804  | 1.50% | 0.363% |
| 116 | 8.419 | 8.403 | 8.430 | HH | 15922  | 236612  | 0.89% | 0.214% |
| 117 | 8.470 | 8.430 | 8.494 | HH | 48103  | 913586  | 3.42% | 0.827% |
| 118 | 8.511 | 8.494 | 8.530 | HH | 14079  | 286463  | 1.07% | 0.259% |
| 119 | 8.542 | 8.530 | 8.547 | HH | 12615  | 124018  | 0.46% | 0.112% |
| 120 | 8.568 | 8.547 | 8.597 | HH | 16143  | 402985  | 1.51% | 0.365% |
| 121 | 8.624 | 8.597 | 8.640 | HH | 14095  | 324080  | 1.21% | 0.293% |
| 122 | 8.653 | 8.640 | 8.666 | HH | 13733  | 202491  | 0.76% | 0.183% |
| 123 | 8.686 | 8.666 | 8.731 | HH | 16909  | 498913  | 1.87% | 0.452% |
| 124 | 8.776 | 8.731 | 8.813 | HH | 41527  | 971566  | 3.64% | 0.879% |
| 125 | 8.829 | 8.813 | 8.854 | HH | 16285  | 376606  | 1.41% | 0.341% |
| 126 | 8.871 | 8.854 | 8.882 | HH | 17417  | 268854  | 1.01% | 0.243% |
| 127 | 8.893 | 8.882 | 8.909 | HH | 16861  | 265234  | 0.99% | 0.240% |
| 128 | 8.923 | 8.909 | 8.945 | HH | 17319  | 326785  | 1.22% | 0.296% |
| 129 | 8.965 | 8.945 | 8.981 | HH | 15720  | 312988  | 1.17% | 0.283% |
| 130 | 9.011 | 8.981 | 9.038 | HV | 29348  | 614561  | 2.30% | 0.556% |
| 131 | 9.064 | 9.038 | 9.099 | VV | 16494  | 482495  | 1.81% | 0.437% |
| 132 | 9.117 | 9.099 | 9.140 | VV | 14210  | 319353  | 1.20% | 0.289% |
| 133 | 9.157 | 9.140 | 9.176 | VV | 15181  | 294435  | 1.10% | 0.266% |
| 134 | 9.188 | 9.176 | 9.205 | VV | 12446  | 200583  | 0.75% | 0.182% |
| 135 | 9.237 | 9.205 | 9.261 | VV | 14004  | 428737  | 1.60% | 0.388% |
| 136 | 9.299 | 9.261 | 9.363 | VV | 57815  | 1292382 | 4.84% | 1.170% |
| 137 | 9.384 | 9.363 | 9.407 | VV | 13988  | 317275  | 1.19% | 0.287% |
| 138 | 9.441 | 9.407 | 9.463 | VV | 13459  | 384099  | 1.44% | 0.348% |
| 139 | 9.496 | 9.463 | 9.510 | VV | 11726  | 306317  | 1.15% | 0.277% |
| 140 | 9.526 | 9.510 | 9.549 | VV | 12692  | 270397  | 1.01% | 0.245% |
| 141 | 9.582 | 9.549 | 9.615 | VV | 14001  | 458492  | 1.72% | 0.415% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.630  | 9.615  | 9.645  | VV | 11975  | 196700  | 0.74%  | 0.178% |
| 143    | 9.673  | 9.645  | 9.708  | VV | 22788  | 607959  | 2.28%  | 0.550% |
| 144    | 9.762  | 9.708  | 9.785  | VV | 16118  | 630547  | 2.36%  | 0.571% |
| 145    | 9.809  | 9.785  | 9.829  | VV | 17378  | 366963  | 1.37%  | 0.332% |
| 146    | 9.860  | 9.829  | 9.891  | VV | 15880  | 475337  | 1.78%  | 0.430% |
| 147    | 9.905  | 9.891  | 9.950  | VV | 10049  | 344078  | 1.29%  | 0.311% |
| 148    | 9.960  | 9.950  | 9.974  | VV | 9672   | 138247  | 0.52%  | 0.125% |
| 149    | 9.995  | 9.974  | 10.010 | VV | 11877  | 236618  | 0.89%  | 0.214% |
| 150    | 10.036 | 10.010 | 10.058 | VV | 15469  | 379640  | 1.42%  | 0.344% |
| 151    | 10.082 | 10.058 | 10.131 | VV | 63475  | 1031055 | 3.86%  | 0.933% |
| 152    | 10.159 | 10.131 | 10.174 | VV | 10980  | 265954  | 1.00%  | 0.241% |
| 153    | 10.183 | 10.174 | 10.227 | VV | 10325  | 286615  | 1.07%  | 0.259% |
| 154    | 10.255 | 10.227 | 10.281 | VV | 10177  | 284366  | 1.06%  | 0.257% |
| 155    | 10.294 | 10.281 | 10.304 | VV | 8442   | 116148  | 0.43%  | 0.105% |
| 156    | 10.318 | 10.304 | 10.339 | VV | 8535   | 171687  | 0.64%  | 0.155% |
| 157    | 10.357 | 10.339 | 10.378 | VV | 9172   | 198849  | 0.74%  | 0.180% |
| 158    | 10.389 | 10.378 | 10.398 | VV | 8369   | 98973   | 0.37%  | 0.090% |
| 159    | 10.430 | 10.398 | 10.443 | VV | 12986  | 294402  | 1.10%  | 0.266% |
| 160    | 10.471 | 10.443 | 10.499 | VV | 27353  | 569536  | 2.13%  | 0.515% |
| 161    | 10.522 | 10.499 | 10.539 | VV | 13494  | 276727  | 1.04%  | 0.250% |
| 162    | 10.559 | 10.539 | 10.580 | VV | 15377  | 305933  | 1.14%  | 0.277% |
| 163    | 10.615 | 10.580 | 10.642 | VV | 14342  | 401881  | 1.50%  | 0.364% |
| 164    | 10.667 | 10.642 | 10.700 | VV | 9376   | 286948  | 1.07%  | 0.260% |
| 165    | 10.726 | 10.700 | 10.738 | VV | 9823   | 211188  | 0.79%  | 0.191% |
| 166    | 10.753 | 10.738 | 10.777 | VV | 9718   | 209959  | 0.79%  | 0.190% |
| 167    | 10.823 | 10.777 | 10.856 | VV | 58231  | 1011854 | 3.79%  | 0.916% |
| 168    | 10.895 | 10.856 | 10.924 | VV | 26039  | 635522  | 2.38%  | 0.575% |
| 169    | 10.937 | 10.924 | 10.991 | VV | 9350   | 310548  | 1.16%  | 0.281% |
| 170    | 11.015 | 10.991 | 11.025 | VV | 7812   | 148394  | 0.56%  | 0.134% |
| 171    | 11.035 | 11.025 | 11.049 | VV | 7704   | 111234  | 0.42%  | 0.101% |
| 172    | 11.077 | 11.049 | 11.122 | VV | 32753  | 666307  | 2.49%  | 0.603% |
| 173    | 11.155 | 11.122 | 11.184 | VV | 17395  | 449613  | 1.68%  | 0.407% |
| 174    | 11.214 | 11.184 | 11.258 | VV | 13716  | 452284  | 1.69%  | 0.409% |
| 175    | 11.279 | 11.258 | 11.314 | VV | 10718  | 272479  | 1.02%  | 0.247% |
| 176    | 11.331 | 11.314 | 11.361 | VV | 9634   | 203044  | 0.76%  | 0.184% |
| 177    | 11.382 | 11.361 | 11.411 | VV | 7452   | 195529  | 0.73%  | 0.177% |
| 178    | 11.450 | 11.411 | 11.494 | VV | 7433   | 338292  | 1.27%  | 0.306% |
| 179    | 11.528 | 11.494 | 11.564 | VV | 50602  | 791124  | 2.96%  | 0.716% |
| 180    | 11.573 | 11.564 | 11.586 | VV | 7408   | 95115   | 0.36%  | 0.086% |
| 181    | 11.617 | 11.586 | 11.658 | VV | 19762  | 457255  | 1.71%  | 0.414% |
| 182    | 11.679 | 11.658 | 11.701 | VV | 5650   | 137587  | 0.51%  | 0.125% |
| 183    | 11.729 | 11.701 | 11.751 | VV | 6256   | 160749  | 0.60%  | 0.145% |
| 184    | 11.773 | 11.751 | 11.786 | VV | 5542   | 108951  | 0.41%  | 0.099% |
| 185    | 11.840 | 11.786 | 11.866 | VV | 51421  | 836281  | 3.13%  | 0.757% |
| 186    | 11.882 | 11.866 | 11.898 | VV | 11959  | 186786  | 0.70%  | 0.169% |
| 187    | 11.918 | 11.898 | 11.946 | VV | 13938  | 281836  | 1.05%  | 0.255% |
| 188    | 11.964 | 11.946 | 11.974 | VV | 8039   | 110996  | 0.42%  | 0.100% |
| 189    | 11.995 | 11.974 | 12.044 | VV | 10551  | 368378  | 1.38%  | 0.333% |
| 190    | 12.062 | 12.044 | 12.076 | VV | 9702   | 154679  | 0.58%  | 0.140% |
| 191    | 12.086 | 12.076 | 12.111 | VV | 8960   | 142034  | 0.53%  | 0.129% |
| 192    | 12.132 | 12.111 | 12.149 | VV | 5182   | 104739  | 0.39%  | 0.095% |
| 193    | 12.200 | 12.149 | 12.223 | VV | 40075  | 679234  | 2.54%  | 0.615% |
| 194    | 12.253 | 12.223 | 12.339 | VV | 373696 | 4872424 | 18.23% | 4.410% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 12.356 | 12.339 | 12.375 | VV | 4952    | 88338    | 0.33%   | 0.080%  |
| 196 | 12.425 | 12.375 | 12.442 | VV | 6033    | 181211   | 0.68%   | 0.164%  |
| 197 | 12.472 | 12.442 | 12.500 | VV | 6105    | 183655   | 0.69%   | 0.166%  |
| 198 | 12.523 | 12.500 | 12.549 | VV | 6751    | 162682   | 0.61%   | 0.147%  |
| 199 | 12.581 | 12.549 | 12.597 | VV | 5855    | 151791   | 0.57%   | 0.137%  |
| 200 | 12.611 | 12.597 | 12.648 | VV | 6834    | 147230   | 0.55%   | 0.133%  |
| 201 | 12.675 | 12.648 | 12.706 | VV | 10225   | 226865   | 0.85%   | 0.205%  |
| 202 | 12.719 | 12.706 | 12.740 | VV | 4979    | 81567    | 0.31%   | 0.074%  |
| 203 | 12.784 | 12.740 | 12.806 | VV | 9452    | 221262   | 0.83%   | 0.200%  |
| 204 | 12.841 | 12.806 | 12.875 | VV | 36272   | 584999   | 2.19%   | 0.529%  |
| 205 | 12.901 | 12.875 | 12.969 | VV | 26664   | 517001   | 1.93%   | 0.468%  |
| 206 | 12.994 | 12.969 | 13.014 | VV | 2928    | 67928    | 0.25%   | 0.061%  |
| 207 | 13.028 | 13.014 | 13.044 | VV | 2416    | 41595    | 0.16%   | 0.038%  |
| 208 | 13.059 | 13.044 | 13.073 | VV | 2521    | 38278    | 0.14%   | 0.035%  |
| 209 | 13.095 | 13.073 | 13.120 | VV | 4832    | 102905   | 0.39%   | 0.093%  |
| 210 | 13.135 | 13.120 | 13.175 | VV | 3874    | 102441   | 0.38%   | 0.093%  |
| 211 | 13.201 | 13.175 | 13.234 | VV | 23373   | 378529   | 1.42%   | 0.343%  |
| 212 | 13.286 | 13.234 | 13.316 | VV | 1660619 | 26720324 | 100.00% | 24.183% |
| 213 | 13.338 | 13.316 | 13.414 | VV | 848429  | 11384999 | 42.61%  | 10.304% |
| 214 | 13.425 | 13.414 | 13.432 | VV | 4444    | 45596    | 0.17%   | 0.041%  |
| 215 | 13.456 | 13.432 | 13.481 | VV | 27268   | 404060   | 1.51%   | 0.366%  |
| 216 | 13.510 | 13.481 | 13.584 | VV | 158374  | 2178966  | 8.15%   | 1.972%  |
| 217 | 13.605 | 13.584 | 13.631 | VV | 3516    | 91578    | 0.34%   | 0.083%  |
| 218 | 13.672 | 13.631 | 13.748 | VV | 10323   | 329019   | 1.23%   | 0.298%  |
| 219 | 13.803 | 13.748 | 13.827 | VV | 10185   | 237121   | 0.89%   | 0.215%  |
| 220 | 13.836 | 13.827 | 13.858 | VV | 4445    | 69010    | 0.26%   | 0.062%  |
| 221 | 13.910 | 13.858 | 13.930 | VV | 5593    | 167166   | 0.63%   | 0.151%  |
| 222 | 13.951 | 13.930 | 13.970 | VV | 5773    | 112885   | 0.42%   | 0.102%  |
| 223 | 13.982 | 13.970 | 14.012 | VV | 4071    | 77947    | 0.29%   | 0.071%  |
| 224 | 14.042 | 14.012 | 14.066 | VV | 21443   | 331085   | 1.24%   | 0.300%  |
| 225 | 14.074 | 14.066 | 14.103 | VV | 6767    | 118663   | 0.44%   | 0.107%  |
| 226 | 14.115 | 14.103 | 14.139 | VV | 4374    | 81867    | 0.31%   | 0.074%  |
| 227 | 14.155 | 14.139 | 14.209 | VV | 3776    | 102606   | 0.38%   | 0.093%  |
| 228 | 14.270 | 14.209 | 14.299 | VV | 4307    | 144936   | 0.54%   | 0.131%  |
| 229 | 14.344 | 14.299 | 14.367 | VV | 4743    | 147422   | 0.55%   | 0.133%  |
| 230 | 14.379 | 14.367 | 14.391 | VV | 2977    | 38264    | 0.14%   | 0.035%  |
| 231 | 14.404 | 14.391 | 14.421 | VV | 3013    | 48991    | 0.18%   | 0.044%  |
| 232 | 14.454 | 14.421 | 14.474 | VV | 4527    | 110095   | 0.41%   | 0.100%  |
| 233 | 14.497 | 14.474 | 14.519 | VV | 9799    | 173732   | 0.65%   | 0.157%  |
| 234 | 14.527 | 14.519 | 14.576 | VV | 4736    | 108931   | 0.41%   | 0.099%  |
| 235 | 14.606 | 14.576 | 14.634 | VV | 16013   | 254800   | 0.95%   | 0.231%  |
| 236 | 14.662 | 14.634 | 14.694 | VV | 15319   | 273951   | 1.03%   | 0.248%  |
| 237 | 14.725 | 14.694 | 14.754 | VV | 5175    | 129971   | 0.49%   | 0.118%  |
| 238 | 14.776 | 14.754 | 14.799 | VV | 5267    | 98876    | 0.37%   | 0.089%  |
| 239 | 14.808 | 14.799 | 14.834 | VV | 2514    | 47582    | 0.18%   | 0.043%  |
| 240 | 14.844 | 14.834 | 14.874 | VV | 1930    | 39391    | 0.15%   | 0.036%  |
| 241 | 14.893 | 14.874 | 14.914 | VV | 2226    | 38795    | 0.15%   | 0.035%  |
| 242 | 14.932 | 14.914 | 14.942 | VV | 1655    | 23452    | 0.09%   | 0.021%  |
| 243 | 14.958 | 14.942 | 14.983 | VV | 1836    | 37145    | 0.14%   | 0.034%  |
| 244 | 15.001 | 14.983 | 15.021 | VV | 1614    | 27544    | 0.10%   | 0.025%  |
| 245 | 15.094 | 15.021 | 15.113 | VV | 9047    | 192470   | 0.72%   | 0.174%  |
| 246 | 15.146 | 15.113 | 15.187 | VV | 17215   | 365781   | 1.37%   | 0.331%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.207 | 15.187 | 15.221 | VV | 2421   | 42141  | 0.16% | 0.038% |
| 248 | 15.247 | 15.221 | 15.275 | VV | 2891   | 78843  | 0.30% | 0.071% |
| 249 | 15.287 | 15.275 | 15.324 | VV | 2341   | 52719  | 0.20% | 0.048% |
| 250 | 15.337 | 15.324 | 15.368 | VV | 1749   | 29830  | 0.11% | 0.027% |
|     |        |        |        |    |        |        |       |        |
| 251 | 15.401 | 15.368 | 15.438 | VV | 1845   | 51663  | 0.19% | 0.047% |
| 252 | 15.456 | 15.438 | 15.472 | VV | 1494   | 24555  | 0.09% | 0.022% |
| 253 | 15.482 | 15.472 | 15.499 | VV | 1114   | 14079  | 0.05% | 0.013% |
| 254 | 15.562 | 15.499 | 15.628 | VV | 2439   | 104515 | 0.39% | 0.095% |
| 255 | 15.632 | 15.628 | 15.637 | VV | 560    | 2615   | 0.01% | 0.002% |
|     |        |        |        |    |        |        |       |        |
| 256 | 15.670 | 15.637 | 15.698 | VV | 8576   | 128478 | 0.48% | 0.116% |
| 257 | 15.729 | 15.698 | 15.752 | VV | 11856  | 175695 | 0.66% | 0.159% |
| 258 | 15.770 | 15.752 | 15.791 | VV | 4124   | 73414  | 0.27% | 0.066% |
| 259 | 15.800 | 15.791 | 15.834 | VV | 2521   | 43850  | 0.16% | 0.040% |
| 260 | 15.855 | 15.834 | 15.890 | VV | 1477   | 37605  | 0.14% | 0.034% |
|     |        |        |        |    |        |        |       |        |
| 261 | 15.930 | 15.890 | 15.971 | VV | 2792   | 86811  | 0.32% | 0.079% |
| 262 | 15.991 | 15.971 | 16.024 | VV | 1373   | 30173  | 0.11% | 0.027% |
| 263 | 16.059 | 16.024 | 16.077 | VV | 1024   | 23802  | 0.09% | 0.022% |
| 264 | 16.100 | 16.077 | 16.141 | VV | 1287   | 31843  | 0.12% | 0.029% |
| 265 | 16.172 | 16.141 | 16.208 | VV | 7394   | 123613 | 0.46% | 0.112% |
|     |        |        |        |    |        |        |       |        |
| 266 | 16.227 | 16.208 | 16.288 | VV | 2191   | 44559  | 0.17% | 0.040% |
| 267 | 16.300 | 16.288 | 16.324 | VV | 426    | 4768   | 0.02% | 0.004% |
| 268 | 16.354 | 16.324 | 16.393 | PV | 1592   | 43388  | 0.16% | 0.039% |
| 269 | 16.409 | 16.393 | 16.425 | VV | 681    | 9254   | 0.03% | 0.008% |
| 270 | 16.471 | 16.425 | 16.514 | VV | 1379   | 44307  | 0.17% | 0.040% |
|     |        |        |        |    |        |        |       |        |
| 271 | 16.567 | 16.514 | 16.600 | VV | 1402   | 44000  | 0.16% | 0.040% |
| 272 | 16.658 | 16.600 | 16.701 | VV | 12575  | 281723 | 1.05% | 0.255% |
| 273 | 16.716 | 16.701 | 16.762 | VV | 4337   | 86812  | 0.32% | 0.079% |
| 274 | 16.791 | 16.762 | 16.806 | VV | 2033   | 36088  | 0.14% | 0.033% |
| 275 | 16.820 | 16.806 | 16.861 | VV | 1488   | 38404  | 0.14% | 0.035% |
|     |        |        |        |    |        |        |       |        |
| 276 | 16.874 | 16.861 | 16.902 | VV | 950    | 14029  | 0.05% | 0.013% |
| 277 | 16.944 | 16.902 | 16.956 | PV | 2088   | 34828  | 0.13% | 0.032% |
| 278 | 16.986 | 16.956 | 17.020 | VV | 4573   | 106455 | 0.40% | 0.096% |
| 279 | 17.045 | 17.020 | 17.104 | VV | 5164   | 129335 | 0.48% | 0.117% |
| 280 | 17.129 | 17.104 | 17.211 | VV | 5447   | 146200 | 0.55% | 0.132% |
|     |        |        |        |    |        |        |       |        |
| 281 | 17.289 | 17.211 | 17.322 | VV | 1456   | 32875  | 0.12% | 0.030% |
| 282 | 17.358 | 17.322 | 17.381 | VV | 1292   | 23731  | 0.09% | 0.021% |
| 283 | 17.433 | 17.381 | 17.484 | VV | 2721   | 77766  | 0.29% | 0.070% |
| 284 | 17.505 | 17.484 | 17.514 | VV | 946    | 10253  | 0.04% | 0.009% |
| 285 | 17.536 | 17.514 | 17.552 | VV | 1604   | 27037  | 0.10% | 0.024% |
|     |        |        |        |    |        |        |       |        |
| 286 | 17.578 | 17.552 | 17.613 | VV | 5377   | 94428  | 0.35% | 0.085% |
| 287 | 17.641 | 17.613 | 17.661 | VV | 1301   | 26113  | 0.10% | 0.024% |
| 288 | 17.679 | 17.661 | 17.695 | VV | 1536   | 23604  | 0.09% | 0.021% |
| 289 | 17.714 | 17.695 | 17.723 | VV | 1572   | 20523  | 0.08% | 0.019% |
| 290 | 17.740 | 17.723 | 17.767 | VV | 1437   | 26084  | 0.10% | 0.024% |
|     |        |        |        |    |        |        |       |        |
| 291 | 17.778 | 17.767 | 17.798 | VV | 681    | 8228   | 0.03% | 0.007% |
| 292 | 17.839 | 17.798 | 17.876 | VV | 1142   | 24558  | 0.09% | 0.022% |
| 293 | 17.930 | 17.876 | 17.955 | PV | 1029   | 28043  | 0.10% | 0.025% |
| 294 | 18.016 | 17.955 | 18.052 | VV | 6406   | 119764 | 0.45% | 0.108% |
| 295 | 18.057 | 18.052 | 18.066 | VV | 611    | 3960   | 0.01% | 0.004% |
|     |        |        |        |    |        |        |       |        |
| 296 | 18.072 | 18.066 | 18.077 | VV | 382    | 2147   | 0.01% | 0.002% |
| 297 | 18.100 | 18.077 | 18.110 | VV | 810    | 12229  | 0.05% | 0.011% |
| 298 | 18.149 | 18.110 | 18.229 | VV | 4485   | 133306 | 0.50% | 0.121% |
| 299 | 18.238 | 18.229 | 18.257 | VV | 934    | 7589   | 0.03% | 0.007% |

|                         |        |        |        |    |        |           |       |        |
|-------------------------|--------|--------|--------|----|--------|-----------|-------|--------|
|                         |        |        |        |    | rteres |           |       |        |
| 300                     | 18.338 | 18.257 | 18.375 | PV | 2009   | 59702     | 0.22% | 0.054% |
| 301                     | 18.440 | 18.375 | 18.484 | VV | 7589   | 192204    | 0.72% | 0.174% |
| 302                     | 18.517 | 18.484 | 18.544 | VV | 3133   | 63228     | 0.24% | 0.057% |
| 303                     | 18.557 | 18.544 | 18.567 | VV | 1615   | 18783     | 0.07% | 0.017% |
| 304                     | 18.590 | 18.567 | 18.621 | VV | 1746   | 41732     | 0.16% | 0.038% |
| 305                     | 18.689 | 18.621 | 18.743 | VV | 3462   | 114181    | 0.43% | 0.103% |
| 306                     | 18.751 | 18.743 | 18.776 | VV | 528    | 7169      | 0.03% | 0.006% |
| 307                     | 18.851 | 18.776 | 18.899 | VV | 6232   | 158493    | 0.59% | 0.143% |
| 308                     | 18.944 | 18.899 | 18.961 | PV | 2778   | 50042     | 0.19% | 0.045% |
| 309                     | 18.994 | 18.961 | 19.046 | VV | 3258   | 106502    | 0.40% | 0.096% |
| 310                     | 19.122 | 19.046 | 19.141 | VV | 1993   | 73133     | 0.27% | 0.066% |
| 311                     | 19.163 | 19.141 | 19.184 | VV | 1778   | 39476     | 0.15% | 0.036% |
| 312                     | 19.251 | 19.184 | 19.305 | VV | 6434   | 258246    | 0.97% | 0.234% |
| 313                     | 19.378 | 19.305 | 19.391 | VV | 3178   | 134950    | 0.51% | 0.122% |
| 314                     | 19.401 | 19.391 | 19.421 | VV | 2992   | 48290     | 0.18% | 0.044% |
| 315                     | 19.438 | 19.421 | 19.473 | VV | 2722   | 75000     | 0.28% | 0.068% |
| 316                     | 19.491 | 19.473 | 19.504 | VV | 2195   | 40123     | 0.15% | 0.036% |
| 317                     | 19.552 | 19.504 | 19.568 | VV | 2580   | 87429     | 0.33% | 0.079% |
| 318                     | 19.575 | 19.568 | 19.584 | VV | 2815   | 24986     | 0.09% | 0.023% |
| 319                     | 19.641 | 19.584 | 19.683 | VV | 7222   | 257132    | 0.96% | 0.233% |
| 320                     | 19.756 | 19.683 | 19.791 | VV | 5794   | 284179    | 1.06% | 0.257% |
| 321                     | 19.873 | 19.791 | 19.891 | VV | 6816   | 327513    | 1.23% | 0.296% |
| 322                     | 19.932 | 19.891 | 19.951 | VV | 7894   | 252582    | 0.95% | 0.229% |
| 323                     | 20.017 | 19.951 | 20.048 | VV | 11651  | 520163    | 1.95% | 0.471% |
| 324                     | 20.287 | 20.083 | 20.310 | VV | 13239  | 1423730   | 5.33% | 1.289% |
| 325                     | 20.382 | 20.310 | 20.416 | VV | 17611  | 916410    | 3.43% | 0.829% |
| 326                     | 20.577 | 20.416 | 20.588 | VV | 16917  | 1623345   | 6.08% | 1.469% |
| 327                     | 20.750 | 20.638 | 20.808 | VV | 25052  | 2044494   | 7.65% | 1.850% |
| Sum of corrected areas: |        |        |        |    |        | 110490680 |       |        |

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