

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080122AL\  
 Data File : FD043461.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 Aug 2022 07:19  
 Sample : N3979-02  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072522.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         | 2.056       | 2.014        | 2.078      | BV       | -550           | -18141       | -0.03%         | -0.009%       |
| 2         | 2.095       | 2.078        | 2.118      | PV       | 2501           | 19273        | 0.04%          | 0.010%        |
| 3         | 2.128       | 2.118        | 2.161      | VV       | 4621           | 38961        | 0.07%          | 0.019%        |
| 4         | 2.171       | 2.161        | 2.223      | VV       | 4388           | 38542        | 0.07%          | 0.019%        |
| 5         | 2.235       | 2.223        | 2.255      | VV       | 476            | 5881         | 0.01%          | 0.003%        |
| 6         | 2.264       | 2.255        | 2.281      | VV       | 335            | 3072         | 0.01%          | 0.002%        |
| 7         | 2.296       | 2.281        | 2.324      | VV       | 618            | 8372         | 0.02%          | 0.004%        |
| 8         | 2.335       | 2.324        | 2.381      | VV       | 236            | 5233         | 0.01%          | 0.003%        |
| 9         | 2.419       | 2.381        | 2.427      | PV       | 299            | 4539         | 0.01%          | 0.002%        |
| 10        | 2.451       | 2.427        | 2.501      | VV       | 2124           | 31336        | 0.06%          | 0.016%        |
| 11        | 2.521       | 2.501        | 2.546      | VV       | 1001           | 12686        | 0.02%          | 0.006%        |
| 12        | 2.561       | 2.546        | 2.611      | VV       | 300            | 7740         | 0.01%          | 0.004%        |
| 13        | 2.647       | 2.611        | 2.671      | VV       | 375            | 6199         | 0.01%          | 0.003%        |
| 14        | 2.677       | 2.671        | 2.723      | VV       | 273            | 4790         | 0.01%          | 0.002%        |
| 15        | 2.734       | 2.723        | 2.753      | VV       | 263            | 2105         | 0.00%          | 0.001%        |
| 16        | 2.765       | 2.753        | 2.781      | VV       | 195            | 2352         | 0.00%          | 0.001%        |
| 17        | 2.791       | 2.781        | 2.818      | VV       | 220            | 2518         | 0.00%          | 0.001%        |
| 18        | 2.838       | 2.818        | 2.882      | PV       | 309            | 5984         | 0.01%          | 0.003%        |
| 19        | 2.914       | 2.882        | 2.928      | VV       | 380            | 4268         | 0.01%          | 0.002%        |
| 20        | 2.935       | 2.928        | 2.973      | VV       | 179            | 4752         | 0.01%          | 0.002%        |
| 21        | 2.984       | 2.973        | 2.995      | VV       | 378            | 3543         | 0.01%          | 0.002%        |
| 22        | 3.014       | 2.995        | 3.076      | VV       | 728            | 16847        | 0.03%          | 0.008%        |
| 23        | 3.091       | 3.076        | 3.171      | VV       | 682            | 14074        | 0.03%          | 0.007%        |
| 24        | 3.188       | 3.171        | 3.261      | VV       | 366            | 13522        | 0.03%          | 0.007%        |
| 25        | 3.270       | 3.261        | 3.294      | VV       | 315            | 1833         | 0.00%          | 0.001%        |
| 26        | 3.308       | 3.294        | 3.321      | PV       | 336            | 3029         | 0.01%          | 0.002%        |
| 27        | 3.333       | 3.321        | 3.346      | VV       | 370            | 2866         | 0.01%          | 0.001%        |
| 28        | 3.420       | 3.346        | 3.474      | VV       | 356            | 16235        | 0.03%          | 0.008%        |
| 29        | 3.489       | 3.474        | 3.510      | VV       | 273            | 4608         | 0.01%          | 0.002%        |
| 30        | 3.526       | 3.510        | 3.535      | VV       | 319            | 3320         | 0.01%          | 0.002%        |
| 31        | 3.543       | 3.535        | 3.555      | VV       | 259            | 2218         | 0.00%          | 0.001%        |
| 32        | 3.574       | 3.555        | 3.588      | VV       | 234            | 3427         | 0.01%          | 0.002%        |
| 33        | 3.611       | 3.588        | 3.651      | VV       | 684            | 14145        | 0.03%          | 0.007%        |
| 34        | 3.696       | 3.651        | 3.717      | VV       | 1242           | 21669        | 0.04%          | 0.011%        |
| 35        | 3.739       | 3.717        | 3.776      | VV       | 1536           | 20903        | 0.04%          | 0.010%        |
| 36        | 3.794       | 3.776        | 3.864      | VV       | 748            | 12178        | 0.02%          | 0.006%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 3.898 | 3.864 | 3.921 | PV | 300    | 7889  | 0.01% | 0.004% |
| 38 | 3.937 | 3.921 | 3.951 | VV | 273    | 4218  | 0.01% | 0.002% |
| 39 | 3.991 | 3.951 | 4.012 | VV | 1777   | 24303 | 0.05% | 0.012% |
| 40 | 4.025 | 4.012 | 4.067 | VV | 473    | 10830 | 0.02% | 0.005% |
| 41 | 4.078 | 4.067 | 4.089 | VV | 293    | 3221  | 0.01% | 0.002% |
| 42 | 4.147 | 4.089 | 4.160 | VV | 898    | 20242 | 0.04% | 0.010% |
| 43 | 4.170 | 4.160 | 4.221 | VV | 598    | 12810 | 0.02% | 0.006% |
| 44 | 4.287 | 4.221 | 4.320 | VV | 310    | 12390 | 0.02% | 0.006% |
| 45 | 4.374 | 4.320 | 4.401 | VV | 425    | 9936  | 0.02% | 0.005% |
| 46 | 4.407 | 4.401 | 4.428 | VV | 255    | 4249  | 0.01% | 0.002% |
| 47 | 4.444 | 4.428 | 4.472 | VV | 349    | 7292  | 0.01% | 0.004% |
| 48 | 4.482 | 4.472 | 4.504 | VV | 331    | 4850  | 0.01% | 0.002% |
| 49 | 4.520 | 4.504 | 4.537 | VV | 521    | 6305  | 0.01% | 0.003% |
| 50 | 4.555 | 4.537 | 4.567 | VV | 584    | 6425  | 0.01% | 0.003% |
| 51 | 4.587 | 4.567 | 4.612 | VV | 1044   | 15458 | 0.03% | 0.008% |
| 52 | 4.640 | 4.612 | 4.686 | VV | 409    | 12135 | 0.02% | 0.006% |
| 53 | 4.708 | 4.686 | 4.738 | VV | 322    | 6718  | 0.01% | 0.003% |
| 54 | 4.748 | 4.738 | 4.767 | VV | 311    | 4053  | 0.01% | 0.002% |
| 55 | 4.784 | 4.767 | 4.799 | VV | 291    | 3426  | 0.01% | 0.002% |
| 56 | 4.803 | 4.799 | 4.814 | VV | 162    | 1250  | 0.00% | 0.001% |
| 57 | 4.847 | 4.814 | 4.884 | VV | 305    | 7612  | 0.01% | 0.004% |
| 58 | 4.904 | 4.884 | 4.917 | VV | 306    | 3782  | 0.01% | 0.002% |
| 59 | 4.985 | 4.917 | 4.997 | VV | 325    | 8581  | 0.02% | 0.004% |
| 60 | 5.010 | 4.997 | 5.074 | VV | 261    | 7453  | 0.01% | 0.004% |
| 61 | 5.091 | 5.074 | 5.103 | VV | 258    | 3629  | 0.01% | 0.002% |
| 62 | 5.116 | 5.103 | 5.160 | VV | 403    | 7468  | 0.01% | 0.004% |
| 63 | 5.230 | 5.160 | 5.267 | PV | 855    | 21531 | 0.04% | 0.011% |
| 64 | 5.279 | 5.267 | 5.289 | VV | 352    | 3549  | 0.01% | 0.002% |
| 65 | 5.301 | 5.289 | 5.318 | VV | 391    | 4339  | 0.01% | 0.002% |
| 66 | 5.358 | 5.318 | 5.397 | VV | 285    | 7744  | 0.01% | 0.004% |
| 67 | 5.435 | 5.397 | 5.462 | VV | 871    | 20945 | 0.04% | 0.010% |
| 68 | 5.476 | 5.462 | 5.501 | VV | 461    | 7723  | 0.01% | 0.004% |
| 69 | 5.517 | 5.501 | 5.548 | VV | 278    | 4304  | 0.01% | 0.002% |
| 70 | 5.567 | 5.548 | 5.612 | VV | 3241   | 38484 | 0.07% | 0.019% |
| 71 | 5.635 | 5.612 | 5.661 | VV | 390    | 7561  | 0.01% | 0.004% |
| 72 | 5.669 | 5.661 | 5.681 | VV | 434    | 4450  | 0.01% | 0.002% |
| 73 | 5.710 | 5.681 | 5.766 | VV | 678    | 22207 | 0.04% | 0.011% |
| 74 | 5.782 | 5.766 | 5.838 | VV | 362    | 12242 | 0.02% | 0.006% |
| 75 | 5.857 | 5.838 | 5.887 | VV | 4010   | 45156 | 0.08% | 0.022% |
| 76 | 5.916 | 5.887 | 5.936 | VV | 628    | 15609 | 0.03% | 0.008% |
| 77 | 5.956 | 5.936 | 5.979 | VV | 2226   | 28211 | 0.05% | 0.014% |
| 78 | 5.989 | 5.979 | 5.995 | VV | 515    | 4372  | 0.01% | 0.002% |
| 79 | 6.001 | 5.995 | 6.039 | VV | 483    | 8807  | 0.02% | 0.004% |
| 80 | 6.054 | 6.039 | 6.074 | VV | 346    | 4717  | 0.01% | 0.002% |
| 81 | 6.093 | 6.074 | 6.157 | VV | 641    | 19228 | 0.04% | 0.010% |
| 82 | 6.172 | 6.157 | 6.214 | VV | 413    | 9598  | 0.02% | 0.005% |
| 83 | 6.234 | 6.214 | 6.258 | VV | 563    | 9527  | 0.02% | 0.005% |
| 84 | 6.320 | 6.258 | 6.354 | VV | 577    | 21493 | 0.04% | 0.011% |
| 85 | 6.361 | 6.354 | 6.370 | VV | 308    | 2371  | 0.00% | 0.001% |
| 86 | 6.388 | 6.370 | 6.451 | VV | 682    | 13715 | 0.03% | 0.007% |
| 87 | 6.474 | 6.451 | 6.488 | VV | 298    | 3997  | 0.01% | 0.002% |
| 88 | 6.538 | 6.488 | 6.569 | PV | 453    | 13974 | 0.03% | 0.007% |
| 89 | 6.581 | 6.569 | 6.602 | VV | 585    | 7059  | 0.01% | 0.004% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 6.663 | 6.602 | 6.691 | VV | 667    | 15636   | 0.03%  | 0.008% |
| 91  | 6.723 | 6.691 | 6.739 | VV | 499    | 10319   | 0.02%  | 0.005% |
| 92  | 6.787 | 6.739 | 6.811 | VV | 1220   | 20122   | 0.04%  | 0.010% |
| 93  | 6.821 | 6.811 | 6.830 | VV | 533    | 4489    | 0.01%  | 0.002% |
| 94  | 6.846 | 6.830 | 6.873 | VV | 979    | 14336   | 0.03%  | 0.007% |
| 95  | 6.908 | 6.873 | 6.931 | VV | 733    | 15344   | 0.03%  | 0.008% |
| 96  | 6.948 | 6.931 | 6.984 | VV | 727    | 14164   | 0.03%  | 0.007% |
| 97  | 7.009 | 6.984 | 7.074 | VV | 3665   | 55257   | 0.10%  | 0.027% |
| 98  | 7.092 | 7.074 | 7.118 | VV | 904    | 14557   | 0.03%  | 0.007% |
| 99  | 7.143 | 7.118 | 7.168 | VV | 3273   | 37426   | 0.07%  | 0.019% |
| 100 | 7.193 | 7.168 | 7.251 | VV | 636    | 21417   | 0.04%  | 0.011% |
| 101 | 7.291 | 7.251 | 7.300 | VV | 1123   | 14971   | 0.03%  | 0.007% |
| 102 | 7.312 | 7.300 | 7.354 | VV | 1447   | 22558   | 0.04%  | 0.011% |
| 103 | 7.364 | 7.354 | 7.371 | VV | 493    | 4107    | 0.01%  | 0.002% |
| 104 | 7.397 | 7.371 | 7.429 | VV | 569    | 11943   | 0.02%  | 0.006% |
| 105 | 7.438 | 7.429 | 7.451 | VV | 314    | 2371    | 0.00%  | 0.001% |
| 106 | 7.484 | 7.451 | 7.517 | PV | 809    | 16520   | 0.03%  | 0.008% |
| 107 | 7.538 | 7.517 | 7.555 | VV | 553    | 6770    | 0.01%  | 0.003% |
| 108 | 7.622 | 7.555 | 7.701 | VV | 658420 | 6528491 | 12.14% | 3.244% |
| 109 | 7.732 | 7.701 | 7.772 | VV | 2058   | 52301   | 0.10%  | 0.026% |
| 110 | 7.784 | 7.772 | 7.802 | VV | 724    | 10973   | 0.02%  | 0.005% |
| 111 | 7.829 | 7.802 | 7.850 | VV | 706    | 14367   | 0.03%  | 0.007% |
| 112 | 7.887 | 7.850 | 7.902 | VV | 1192   | 24593   | 0.05%  | 0.012% |
| 113 | 7.914 | 7.902 | 7.924 | VV | 1048   | 11647   | 0.02%  | 0.006% |
| 114 | 7.935 | 7.924 | 7.966 | VV | 1075   | 18769   | 0.03%  | 0.009% |
| 115 | 8.001 | 7.966 | 8.040 | VV | 2581   | 56143   | 0.10%  | 0.028% |
| 116 | 8.062 | 8.040 | 8.073 | VV | 916    | 14696   | 0.03%  | 0.007% |
| 117 | 8.105 | 8.073 | 8.121 | VV | 5469   | 82865   | 0.15%  | 0.041% |
| 118 | 8.129 | 8.121 | 8.148 | VV | 3192   | 36971   | 0.07%  | 0.018% |
| 119 | 8.181 | 8.148 | 8.206 | VV | 2553   | 50482   | 0.09%  | 0.025% |
| 120 | 8.218 | 8.206 | 8.235 | VV | 598    | 7816    | 0.01%  | 0.004% |
| 121 | 8.289 | 8.235 | 8.319 | VV | 9039   | 141223  | 0.26%  | 0.070% |
| 122 | 8.341 | 8.319 | 8.356 | VV | 986    | 13534   | 0.03%  | 0.007% |
| 123 | 8.375 | 8.356 | 8.442 | VV | 1289   | 33245   | 0.06%  | 0.017% |
| 124 | 8.486 | 8.442 | 8.547 | VV | 421189 | 4394124 | 8.17%  | 2.183% |
| 125 | 8.581 | 8.547 | 8.608 | VV | 16711  | 213010  | 0.40%  | 0.106% |
| 126 | 8.627 | 8.608 | 8.658 | VV | 2863   | 52015   | 0.10%  | 0.026% |
| 127 | 8.670 | 8.658 | 8.688 | VV | 1084   | 16035   | 0.03%  | 0.008% |
| 128 | 8.715 | 8.688 | 8.751 | VV | 1793   | 41924   | 0.08%  | 0.021% |
| 129 | 8.773 | 8.751 | 8.792 | VV | 3197   | 39779   | 0.07%  | 0.020% |
| 130 | 8.822 | 8.792 | 8.836 | VV | 2968   | 44067   | 0.08%  | 0.022% |
| 131 | 8.854 | 8.836 | 8.877 | VV | 7225   | 89666   | 0.17%  | 0.045% |
| 132 | 8.894 | 8.877 | 8.970 | VV | 2572   | 73559   | 0.14%  | 0.037% |
| 133 | 8.998 | 8.970 | 9.016 | VV | 4316   | 65116   | 0.12%  | 0.032% |
| 134 | 9.030 | 9.016 | 9.070 | VV | 3149   | 50376   | 0.09%  | 0.025% |
| 135 | 9.091 | 9.070 | 9.120 | VV | 1491   | 22241   | 0.04%  | 0.011% |
| 136 | 9.146 | 9.120 | 9.163 | VV | 2770   | 34288   | 0.06%  | 0.017% |
| 137 | 9.178 | 9.163 | 9.212 | VV | 1801   | 27159   | 0.05%  | 0.013% |
| 138 | 9.229 | 9.212 | 9.245 | VV | 971    | 13418   | 0.02%  | 0.007% |
| 139 | 9.281 | 9.245 | 9.303 | VV | 2261   | 37119   | 0.07%  | 0.018% |
| 140 | 9.321 | 9.303 | 9.339 | VV | 1511   | 20221   | 0.04%  | 0.010% |
| 141 | 9.364 | 9.339 | 9.415 | VV | 20493  | 261776  | 0.49%  | 0.130% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.442  | 9.415  | 9.475  | VV | 3060   | 65468   | 0.12%  | 0.033% |
| 143 | 9.486  | 9.475  | 9.490  | VV | 1878   | 15091   | 0.03%  | 0.007% |
| 144 | 9.510  | 9.490  | 9.532  | VV | 5342   | 84099   | 0.16%  | 0.042% |
| 145 | 9.543  | 9.532  | 9.554  | VV | 2054   | 23195   | 0.04%  | 0.012% |
|     |        |        |        |    |        |         |        |        |
| 146 | 9.573  | 9.554  | 9.584  | VV | 2965   | 41616   | 0.08%  | 0.021% |
| 147 | 9.594  | 9.584  | 9.652  | VV | 2886   | 51383   | 0.10%  | 0.026% |
| 148 | 9.686  | 9.652  | 9.726  | VV | 4678   | 88660   | 0.16%  | 0.044% |
| 149 | 9.737  | 9.726  | 9.753  | VV | 1311   | 16787   | 0.03%  | 0.008% |
| 150 | 9.781  | 9.753  | 9.828  | VV | 8182   | 133621  | 0.25%  | 0.066% |
|     |        |        |        |    |        |         |        |        |
| 151 | 9.847  | 9.828  | 9.866  | VV | 1126   | 17188   | 0.03%  | 0.009% |
| 152 | 9.882  | 9.866  | 9.918  | VV | 1029   | 15681   | 0.03%  | 0.008% |
| 153 | 9.949  | 9.918  | 10.015 | VV | 1095   | 18318   | 0.03%  | 0.009% |
| 154 | 10.050 | 10.015 | 10.085 | PV | 683    | 12985   | 0.02%  | 0.006% |
| 155 | 10.110 | 10.085 | 10.140 | VV | 1337   | 30435   | 0.06%  | 0.015% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.166 | 10.140 | 10.190 | VV | 2727   | 47092   | 0.09%  | 0.023% |
| 157 | 10.215 | 10.190 | 10.225 | VV | 2498   | 33893   | 0.06%  | 0.017% |
| 158 | 10.244 | 10.225 | 10.267 | VV | 5321   | 82228   | 0.15%  | 0.041% |
| 159 | 10.282 | 10.267 | 10.328 | VV | 3218   | 59064   | 0.11%  | 0.029% |
| 160 | 10.360 | 10.328 | 10.393 | VV | 3990   | 69401   | 0.13%  | 0.034% |
|     |        |        |        |    |        |         |        |        |
| 161 | 10.414 | 10.393 | 10.429 | VV | 3108   | 49254   | 0.09%  | 0.024% |
| 162 | 10.440 | 10.429 | 10.481 | VV | 2734   | 55246   | 0.10%  | 0.027% |
| 163 | 10.515 | 10.481 | 10.542 | VV | 6372   | 121349  | 0.23%  | 0.060% |
| 164 | 10.564 | 10.542 | 10.624 | VV | 14910  | 255431  | 0.48%  | 0.127% |
| 165 | 10.634 | 10.624 | 10.647 | VV | 1694   | 19645   | 0.04%  | 0.010% |
|     |        |        |        |    |        |         |        |        |
| 166 | 10.662 | 10.647 | 10.678 | VV | 1733   | 22860   | 0.04%  | 0.011% |
| 167 | 10.697 | 10.678 | 10.711 | VV | 780    | 13153   | 0.02%  | 0.007% |
| 168 | 10.762 | 10.711 | 10.808 | VV | 146904 | 1626534 | 3.03%  | 0.808% |
| 169 | 10.836 | 10.808 | 10.879 | VV | 44334  | 519430  | 0.97%  | 0.258% |
| 170 | 10.922 | 10.879 | 10.954 | VV | 1807   | 68720   | 0.13%  | 0.034% |
|     |        |        |        |    |        |         |        |        |
| 171 | 10.970 | 10.954 | 10.994 | VV | 1335   | 21895   | 0.04%  | 0.011% |
| 172 | 11.017 | 10.994 | 11.030 | VV | 1260   | 19095   | 0.04%  | 0.009% |
| 173 | 11.052 | 11.030 | 11.094 | VV | 5130   | 91263   | 0.17%  | 0.045% |
| 174 | 11.154 | 11.094 | 11.174 | PV | 1756   | 56235   | 0.10%  | 0.028% |
| 175 | 11.216 | 11.174 | 11.240 | VV | 6146   | 100937  | 0.19%  | 0.050% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.287 | 11.240 | 11.331 | VV | 6613   | 182402  | 0.34%  | 0.091% |
| 177 | 11.362 | 11.331 | 11.388 | VV | 1943   | 30961   | 0.06%  | 0.015% |
| 178 | 11.413 | 11.388 | 11.436 | VV | 5214   | 63907   | 0.12%  | 0.032% |
| 179 | 11.458 | 11.436 | 11.480 | VV | 2643   | 36919   | 0.07%  | 0.018% |
| 180 | 11.533 | 11.480 | 11.554 | VV | 482242 | 5376688 | 10.00% | 2.672% |
|     |        |        |        |    |        |         |        |        |
| 181 | 11.563 | 11.554 | 11.578 | VV | 21104  | 209914  | 0.39%  | 0.104% |
| 182 | 11.594 | 11.578 | 11.634 | VV | 24559  | 289292  | 0.54%  | 0.144% |
| 183 | 11.677 | 11.634 | 11.695 | VV | 23567  | 347586  | 0.65%  | 0.173% |
| 184 | 11.711 | 11.695 | 11.726 | VV | 15356  | 174997  | 0.33%  | 0.087% |
| 185 | 11.743 | 11.726 | 11.759 | VV | 20196  | 239454  | 0.45%  | 0.119% |
|     |        |        |        |    |        |         |        |        |
| 186 | 11.772 | 11.759 | 11.799 | VV | 12469  | 141995  | 0.26%  | 0.071% |
| 187 | 11.820 | 11.799 | 11.844 | PV | 1328   | 19824   | 0.04%  | 0.010% |
| 188 | 11.885 | 11.844 | 11.903 | VV | 5574   | 88297   | 0.16%  | 0.044% |
| 189 | 11.941 | 11.903 | 12.010 | VV | 768111 | 8869419 | 16.50% | 4.407% |
| 190 | 12.034 | 12.010 | 12.074 | VV | 10783  | 157119  | 0.29%  | 0.078% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.095 | 12.074 | 12.109 | VV | 5609   | 79545   | 0.15%  | 0.040% |
| 192 | 12.133 | 12.109 | 12.152 | VV | 29846  | 320988  | 0.60%  | 0.159% |
| 193 | 12.167 | 12.152 | 12.190 | VV | 2843   | 51884   | 0.10%  | 0.026% |
| 194 | 12.211 | 12.190 | 12.231 | VV | 12056  | 145861  | 0.27%  | 0.072% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 12.240 | 12.231 | 12.255 | VV | 2901    | 32610    | 0.06%   | 0.016%  |
| 196 | 12.281 | 12.255 | 12.299 | VV | 5205    | 82563    | 0.15%   | 0.041%  |
| 197 | 12.307 | 12.299 | 12.331 | VV | 3001    | 40649    | 0.08%   | 0.020%  |
| 198 | 12.365 | 12.331 | 12.388 | VV | 12878   | 227539   | 0.42%   | 0.113%  |
| 199 | 12.407 | 12.388 | 12.439 | VV | 8803    | 127370   | 0.24%   | 0.063%  |
| 200 | 12.463 | 12.439 | 12.483 | VV | 18297   | 228338   | 0.42%   | 0.113%  |
| 201 | 12.524 | 12.483 | 12.547 | VV | 12268   | 251298   | 0.47%   | 0.125%  |
| 202 | 12.578 | 12.547 | 12.629 | VV | 199740  | 2256461  | 4.20%   | 1.121%  |
| 203 | 12.640 | 12.629 | 12.656 | VV | 948     | 9101     | 0.02%   | 0.005%  |
| 204 | 12.678 | 12.656 | 12.690 | PV | 1860    | 23812    | 0.04%   | 0.012%  |
| 205 | 12.710 | 12.690 | 12.722 | VV | 3682    | 46552    | 0.09%   | 0.023%  |
| 206 | 12.737 | 12.722 | 12.748 | VV | 4113    | 47018    | 0.09%   | 0.023%  |
| 207 | 12.764 | 12.748 | 12.779 | VV | 7452    | 94154    | 0.18%   | 0.047%  |
| 208 | 12.786 | 12.779 | 12.846 | VV | 4445    | 109482   | 0.20%   | 0.054%  |
| 209 | 12.875 | 12.846 | 12.910 | VV | 150392  | 1705540  | 3.17%   | 0.847%  |
| 210 | 12.981 | 12.910 | 13.007 | VV | 2735897 | 53763030 | 100.00% | 26.713% |
| 211 | 13.029 | 13.007 | 13.097 | VV | 1691306 | 22365772 | 41.60%  | 11.113% |
| 212 | 13.108 | 13.097 | 13.119 | VV | 3433    | 35510    | 0.07%   | 0.018%  |
| 213 | 13.151 | 13.119 | 13.164 | VV | 21723   | 332955   | 0.62%   | 0.165%  |
| 214 | 13.192 | 13.164 | 13.258 | VV | 345048  | 4378869  | 8.14%   | 2.176%  |
| 215 | 13.277 | 13.258 | 13.310 | VV | 7216    | 127837   | 0.24%   | 0.064%  |
| 216 | 13.341 | 13.310 | 13.386 | VV | 13915   | 336661   | 0.63%   | 0.167%  |
| 217 | 13.395 | 13.386 | 13.418 | VV | 1898    | 27388    | 0.05%   | 0.014%  |
| 218 | 13.475 | 13.418 | 13.504 | VV | 33131   | 592179   | 1.10%   | 0.294%  |
| 219 | 13.520 | 13.504 | 13.551 | VV | 3919    | 86034    | 0.16%   | 0.043%  |
| 220 | 13.579 | 13.551 | 13.601 | VV | 22805   | 344584   | 0.64%   | 0.171%  |
| 221 | 13.618 | 13.601 | 13.641 | VV | 16590   | 231424   | 0.43%   | 0.115%  |
| 222 | 13.659 | 13.641 | 13.682 | VV | 8203    | 128236   | 0.24%   | 0.064%  |
| 223 | 13.723 | 13.682 | 13.730 | VV | 12903   | 203267   | 0.38%   | 0.101%  |
| 224 | 13.745 | 13.730 | 13.767 | VV | 19083   | 289750   | 0.54%   | 0.144%  |
| 225 | 13.784 | 13.767 | 13.804 | VV | 15100   | 201782   | 0.38%   | 0.100%  |
| 226 | 13.834 | 13.804 | 13.877 | VV | 6672    | 194674   | 0.36%   | 0.097%  |
| 227 | 13.929 | 13.877 | 13.972 | VV | 5009    | 170004   | 0.32%   | 0.084%  |
| 228 | 14.000 | 13.972 | 14.037 | VV | 9387    | 255226   | 0.47%   | 0.127%  |
| 229 | 14.047 | 14.037 | 14.068 | VV | 4789    | 69215    | 0.13%   | 0.034%  |
| 230 | 14.126 | 14.068 | 14.140 | VV | 8693    | 211114   | 0.39%   | 0.105%  |
| 231 | 14.171 | 14.140 | 14.186 | VV | 22603   | 396404   | 0.74%   | 0.197%  |
| 232 | 14.198 | 14.186 | 14.241 | VV | 16058   | 275342   | 0.51%   | 0.137%  |
| 233 | 14.281 | 14.241 | 14.311 | VV | 17902   | 356613   | 0.66%   | 0.177%  |
| 234 | 14.335 | 14.311 | 14.358 | VV | 39130   | 561807   | 1.04%   | 0.279%  |
| 235 | 14.376 | 14.358 | 14.414 | VV | 16461   | 396592   | 0.74%   | 0.197%  |
| 236 | 14.438 | 14.414 | 14.464 | VV | 27687   | 424007   | 0.79%   | 0.211%  |
| 237 | 14.497 | 14.464 | 14.540 | VV | 10606   | 235118   | 0.44%   | 0.117%  |
| 238 | 14.561 | 14.540 | 14.579 | VV | 4069    | 59947    | 0.11%   | 0.030%  |
| 239 | 14.621 | 14.579 | 14.676 | VV | 5586    | 164149   | 0.31%   | 0.082%  |
| 240 | 14.702 | 14.676 | 14.717 | VV | 4553    | 65217    | 0.12%   | 0.032%  |
| 241 | 14.748 | 14.717 | 14.768 | VV | 79625   | 986946   | 1.84%   | 0.490%  |
| 242 | 14.789 | 14.768 | 14.851 | VV | 79377   | 1240961  | 2.31%   | 0.617%  |
| 243 | 14.908 | 14.851 | 14.940 | VV | 20777   | 383454   | 0.71%   | 0.191%  |
| 244 | 14.953 | 14.940 | 14.967 | VV | 4480    | 61503    | 0.11%   | 0.031%  |
| 245 | 14.987 | 14.967 | 15.023 | VV | 5206    | 96739    | 0.18%   | 0.048%  |
| 246 | 15.054 | 15.023 | 15.076 | PV | 6348    | 124581   | 0.23%   | 0.062%  |

|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 247 | 15.088 | 15.076 | 15.098 | VV | 5312   | 64236   | 0.12% | 0.032% |
| 248 | 15.104 | 15.098 | 15.144 | VV | 5052   | 83963   | 0.16% | 0.042% |
| 249 | 15.219 | 15.144 | 15.276 | VV | 17835  | 446732  | 0.83% | 0.222% |
| 250 | 15.337 | 15.276 | 15.359 | VV | 8439   | 160149  | 0.30% | 0.080% |
| 251 | 15.396 | 15.359 | 15.440 | VV | 28582  | 684599  | 1.27% | 0.340% |
| 252 | 15.457 | 15.440 | 15.484 | VV | 10034  | 162189  | 0.30% | 0.081% |
| 253 | 15.501 | 15.484 | 15.534 | VV | 5789   | 116312  | 0.22% | 0.058% |
| 254 | 15.580 | 15.534 | 15.614 | VV | 13977  | 374800  | 0.70% | 0.186% |
| 255 | 15.656 | 15.614 | 15.684 | VV | 5482   | 116994  | 0.22% | 0.058% |
| 256 | 15.709 | 15.684 | 15.720 | VV | 2203   | 37604   | 0.07% | 0.019% |
| 257 | 15.742 | 15.720 | 15.762 | VV | 5655   | 90936   | 0.17% | 0.045% |
| 258 | 15.778 | 15.762 | 15.791 | VV | 2823   | 38430   | 0.07% | 0.019% |
| 259 | 15.839 | 15.791 | 15.875 | VV | 9018   | 200370  | 0.37% | 0.100% |
| 260 | 15.896 | 15.875 | 15.934 | VV | 5409   | 93921   | 0.17% | 0.047% |
| 261 | 15.945 | 15.934 | 15.970 | VV | 1607   | 18290   | 0.03% | 0.009% |
| 262 | 16.023 | 15.970 | 16.044 | PV | 4654   | 111139  | 0.21% | 0.055% |
| 263 | 16.053 | 16.044 | 16.068 | VV | 2392   | 24629   | 0.05% | 0.012% |
| 264 | 16.088 | 16.068 | 16.106 | VV | 3714   | 53781   | 0.10% | 0.027% |
| 265 | 16.128 | 16.106 | 16.152 | VV | 4294   | 79039   | 0.15% | 0.039% |
| 266 | 16.230 | 16.152 | 16.259 | VV | 13567  | 313924  | 0.58% | 0.156% |
| 267 | 16.302 | 16.259 | 16.357 | VV | 75669  | 1539198 | 2.86% | 0.765% |
| 268 | 16.380 | 16.357 | 16.407 | VV | 9929   | 156320  | 0.29% | 0.078% |
| 269 | 16.431 | 16.407 | 16.454 | VV | 16092  | 214527  | 0.40% | 0.107% |
| 270 | 16.482 | 16.454 | 16.508 | VV | 3612   | 71157   | 0.13% | 0.035% |
| 271 | 16.550 | 16.508 | 16.564 | VV | 2680   | 49326   | 0.09% | 0.025% |
| 272 | 16.621 | 16.564 | 16.648 | VV | 44912  | 709305  | 1.32% | 0.352% |
| 273 | 16.678 | 16.648 | 16.726 | VV | 60388  | 781233  | 1.45% | 0.388% |
| 274 | 16.781 | 16.726 | 16.814 | VV | 20056  | 360038  | 0.67% | 0.179% |
| 275 | 16.861 | 16.814 | 16.894 | VV | 10442  | 266382  | 0.50% | 0.132% |
| 276 | 16.919 | 16.894 | 16.970 | VV | 5308   | 164562  | 0.31% | 0.082% |
| 277 | 16.987 | 16.970 | 17.003 | VV | 3277   | 45027   | 0.08% | 0.022% |
| 278 | 17.043 | 17.003 | 17.071 | VV | 11116  | 277943  | 0.52% | 0.138% |
| 279 | 17.087 | 17.071 | 17.121 | VV | 6295   | 123001  | 0.23% | 0.061% |
| 280 | 17.173 | 17.121 | 17.213 | VV | 22771  | 542825  | 1.01% | 0.270% |
| 281 | 17.236 | 17.213 | 17.282 | VV | 24153  | 432955  | 0.81% | 0.215% |
| 282 | 17.297 | 17.282 | 17.313 | VV | 4945   | 76521   | 0.14% | 0.038% |
| 283 | 17.340 | 17.313 | 17.366 | VV | 9088   | 175612  | 0.33% | 0.087% |
| 284 | 17.379 | 17.366 | 17.387 | VV | 3676   | 38031   | 0.07% | 0.019% |
| 285 | 17.402 | 17.387 | 17.419 | VV | 3874   | 57923   | 0.11% | 0.029% |
| 286 | 17.454 | 17.419 | 17.478 | VV | 3652   | 90603   | 0.17% | 0.045% |
| 287 | 17.521 | 17.478 | 17.534 | VV | 3212   | 78083   | 0.15% | 0.039% |
| 288 | 17.575 | 17.534 | 17.584 | VV | 3155   | 76676   | 0.14% | 0.038% |
| 289 | 17.640 | 17.584 | 17.651 | VV | 6879   | 178199  | 0.33% | 0.089% |
| 290 | 17.670 | 17.651 | 17.698 | VV | 12569  | 194046  | 0.36% | 0.096% |
| 291 | 17.760 | 17.698 | 17.785 | VV | 13734  | 312886  | 0.58% | 0.155% |
| 292 | 17.815 | 17.785 | 17.874 | VV | 14223  | 459382  | 0.85% | 0.228% |
| 293 | 17.896 | 17.874 | 17.922 | VV | 6356   | 141138  | 0.26% | 0.070% |
| 294 | 17.955 | 17.922 | 17.973 | VV | 14486  | 251333  | 0.47% | 0.125% |
| 295 | 17.984 | 17.973 | 18.008 | VV | 8812   | 152663  | 0.28% | 0.076% |
| 296 | 18.046 | 18.008 | 18.068 | VV | 54021  | 933892  | 1.74% | 0.464% |
| 297 | 18.093 | 18.068 | 18.121 | VV | 68190  | 1110522 | 2.07% | 0.552% |
| 298 | 18.130 | 18.121 | 18.158 | VV | 9257   | 170074  | 0.32% | 0.085% |
| 299 | 18.180 | 18.158 | 18.198 | VV | 22440  | 367119  | 0.68% | 0.182% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.213 | 18.198 | 18.274 | VV | 15892  | 443364  | 0.82%  | 0.220% |
| 301 | 18.298 | 18.274 | 18.324 | VV | 39452  | 576911  | 1.07%  | 0.287% |
| 302 | 18.338 | 18.324 | 18.361 | VV | 7597   | 157484  | 0.29%  | 0.078% |
| 303 | 18.385 | 18.361 | 18.401 | VV | 11056  | 218021  | 0.41%  | 0.108% |
| 304 | 18.430 | 18.401 | 18.454 | VV | 18590  | 404650  | 0.75%  | 0.201% |
| 305 | 18.497 | 18.454 | 18.538 | VV | 23700  | 670012  | 1.25%  | 0.333% |
| 306 | 18.601 | 18.538 | 18.621 | VV | 26671  | 698403  | 1.30%  | 0.347% |
| 307 | 18.647 | 18.621 | 18.687 | VV | 18553  | 608295  | 1.13%  | 0.302% |
| 308 | 18.702 | 18.687 | 18.718 | VV | 12427  | 220013  | 0.41%  | 0.109% |
| 309 | 18.735 | 18.718 | 18.756 | VV | 15254  | 314591  | 0.59%  | 0.156% |
| 310 | 18.775 | 18.756 | 18.789 | VV | 14448  | 258595  | 0.48%  | 0.128% |
| 311 | 18.816 | 18.789 | 18.833 | VV | 16198  | 365817  | 0.68%  | 0.182% |
| 312 | 18.871 | 18.833 | 18.948 | VV | 42052  | 1878293 | 3.49%  | 0.933% |
| 313 | 18.998 | 18.948 | 19.012 | VV | 23311  | 762530  | 1.42%  | 0.379% |
| 314 | 19.025 | 19.012 | 19.048 | VV | 21840  | 394057  | 0.73%  | 0.196% |
| 315 | 19.105 | 19.048 | 19.121 | VV | 16687  | 645911  | 1.20%  | 0.321% |
| 316 | 19.148 | 19.121 | 19.204 | VV | 19020  | 843756  | 1.57%  | 0.419% |
| 317 | 19.223 | 19.204 | 19.235 | VV | 16745  | 299164  | 0.56%  | 0.149% |
| 318 | 19.281 | 19.235 | 19.295 | VV | 26107  | 757808  | 1.41%  | 0.377% |
| 319 | 19.310 | 19.295 | 19.323 | VV | 25515  | 416001  | 0.77%  | 0.207% |
| 320 | 19.338 | 19.323 | 19.356 | VV | 26739  | 489694  | 0.91%  | 0.243% |
| 321 | 19.390 | 19.356 | 19.419 | VV | 36263  | 1051317 | 1.96%  | 0.522% |
| 322 | 19.455 | 19.419 | 19.492 | VV | 37338  | 1185320 | 2.20%  | 0.589% |
| 323 | 19.519 | 19.492 | 19.553 | VV | 34756  | 1048163 | 1.95%  | 0.521% |
| 324 | 19.568 | 19.553 | 19.601 | VV | 27687  | 747055  | 1.39%  | 0.371% |
| 325 | 19.652 | 19.601 | 19.723 | VV | 44777  | 2518012 | 4.68%  | 1.251% |
| 326 | 19.749 | 19.723 | 19.781 | VV | 32733  | 1048432 | 1.95%  | 0.521% |
| 327 | 19.829 | 19.781 | 19.854 | VV | 44213  | 1581066 | 2.94%  | 0.786% |
| 328 | 19.891 | 19.854 | 19.908 | VV | 36769  | 1105089 | 2.06%  | 0.549% |
| 329 | 19.927 | 19.908 | 19.948 | VV | 37654  | 874668  | 1.63%  | 0.435% |
| 330 | 19.973 | 19.948 | 19.998 | VV | 38714  | 1069655 | 1.99%  | 0.531% |
| 331 | 20.027 | 19.998 | 20.074 | VV | 50672  | 1938859 | 3.61%  | 0.963% |
| 332 | 20.086 | 20.074 | 20.111 | VV | 40410  | 873563  | 1.62%  | 0.434% |
| 333 | 20.125 | 20.111 | 20.140 | VV | 39151  | 672343  | 1.25%  | 0.334% |
| 334 | 20.158 | 20.140 | 20.171 | VV | 40395  | 716699  | 1.33%  | 0.356% |
| 335 | 20.189 | 20.171 | 20.198 | VV | 39522  | 627251  | 1.17%  | 0.312% |
| 336 | 20.234 | 20.198 | 20.248 | VV | 44353  | 1230502 | 2.29%  | 0.611% |
| 337 | 20.315 | 20.248 | 20.344 | VV | 47848  | 2451408 | 4.56%  | 1.218% |
| 338 | 20.386 | 20.344 | 20.441 | VV | 56436  | 2788137 | 5.19%  | 1.385% |
| 339 | 20.478 | 20.441 | 20.502 | VV | 47546  | 1666204 | 3.10%  | 0.828% |
| 340 | 20.514 | 20.502 | 20.608 | VV | 45434  | 2513623 | 4.68%  | 1.249% |
| 341 | 20.741 | 20.608 | 20.884 | VV | 46492  | 6108164 | 11.36% | 3.035% |
| 342 | 20.935 | 20.884 | 20.947 | VV | 31192  | 1127147 | 2.10%  | 0.560% |
| 343 | 20.958 | 20.947 | 20.971 | VV | 30363  | 439364  | 0.82%  | 0.218% |
| 344 | 21.005 | 20.971 | 21.068 | VV | 32057  | 1775479 | 3.30%  | 0.882% |
| 345 | 21.077 | 21.068 | 21.089 | VV | 28679  | 355321  | 0.66%  | 0.177% |
| 346 | 21.105 | 21.089 | 21.121 | VV | 30072  | 561057  | 1.04%  | 0.279% |
| 347 | 21.162 | 21.121 | 21.278 | VV | 32545  | 2483831 | 4.62%  | 1.234% |
| 348 | 21.285 | 21.278 | 21.321 | VV | 19367  | 476923  | 0.89%  | 0.237% |
| 349 | 21.394 | 21.321 | 21.454 | VV | 22186  | 1561051 | 2.90%  | 0.776% |
| 350 | 21.487 | 21.454 | 21.501 | VV | 18515  | 470068  | 0.87%  | 0.234% |
| 351 | 21.524 | 21.501 | 21.535 | VV | 16916  | 331185  | 0.62%  | 0.165% |

|     |        |        |        |    |                         |        |           |        |
|-----|--------|--------|--------|----|-------------------------|--------|-----------|--------|
|     |        |        |        |    |                         | rteres |           |        |
| 352 | 21.552 | 21.535 | 21.588 | VV | 18730                   | 519959 | 0.97%     | 0.258% |
| 353 | 21.620 | 21.588 | 21.681 | VV | 17707                   | 790638 | 1.47%     | 0.393% |
| 354 | 21.741 | 21.681 | 21.772 | VV | 15085                   | 714890 | 1.33%     | 0.355% |
| 355 | 21.780 | 21.772 | 21.862 | VV | 13958                   | 438364 | 0.82%     | 0.218% |
| 356 | 21.871 | 21.862 | 21.901 | VV | 2804                    | 28999  | 0.05%     | 0.014% |
| 357 | 21.911 | 21.901 | 21.920 | PV | 859                     | 4846   | 0.01%     | 0.002% |
| 358 | 21.960 | 21.920 | 21.971 | PV | 1362                    | 19307  | 0.04%     | 0.010% |
|     |        |        |        |    | Sum of corrected areas: |        | 201260176 |        |

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