

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060623AL\  
 Data File : FE042431.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Jun 2023 19:03  
 Sample : 03028-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.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         | 3.479       | 3.472        | 3.491      | PV       | 67             | 591          | 0.01%          | 0.000%        |
| 2         | 3.525       | 3.491        | 3.574      | PV       | 135            | 4753         | 0.07%          | 0.002%        |
| 3         | 3.587       | 3.574        | 3.601      | VV       | 147            | 1459         | 0.02%          | 0.001%        |
| 4         | 3.643       | 3.601        | 3.713      | VV       | 206            | 9307         | 0.14%          | 0.004%        |
| 5         | 3.723       | 3.713        | 3.745      | VV       | 188            | 2635         | 0.04%          | 0.001%        |
| 6         | 3.771       | 3.745        | 3.781      | VV       | 357            | 4939         | 0.08%          | 0.002%        |
| 7         | 3.798       | 3.781        | 3.841      | VV       | 433            | 9914         | 0.15%          | 0.005%        |
| 8         | 3.856       | 3.841        | 3.882      | VV       | 258            | 4955         | 0.08%          | 0.002%        |
| 9         | 3.917       | 3.882        | 3.945      | VV       | 359            | 7907         | 0.12%          | 0.004%        |
| 10        | 3.963       | 3.945        | 3.981      | VV       | 418            | 5780         | 0.09%          | 0.003%        |
| 11        | 4.016       | 3.981        | 4.031      | VV       | 268            | 6584         | 0.10%          | 0.003%        |
| 12        | 4.041       | 4.031        | 4.084      | VV       | 296            | 5691         | 0.09%          | 0.003%        |
| 13        | 4.095       | 4.084        | 4.111      | VV       | 220            | 2970         | 0.05%          | 0.001%        |
| 14        | 4.122       | 4.111        | 4.138      | VV       | 284            | 4065         | 0.06%          | 0.002%        |
| 15        | 4.152       | 4.138        | 4.171      | VV       | 375            | 5156         | 0.08%          | 0.002%        |
| 16        | 4.190       | 4.171        | 4.221      | VV       | 561            | 10529        | 0.16%          | 0.005%        |
| 17        | 4.230       | 4.221        | 4.253      | VV       | 410            | 5084         | 0.08%          | 0.002%        |
| 18        | 4.281       | 4.253        | 4.294      | VV       | 424            | 7868         | 0.12%          | 0.004%        |
| 19        | 4.302       | 4.294        | 4.330      | VV       | 442            | 7654         | 0.12%          | 0.004%        |
| 20        | 4.346       | 4.330        | 4.370      | VV       | 581            | 9848         | 0.15%          | 0.005%        |
| 21        | 4.386       | 4.370        | 4.431      | VV       | 343            | 10300        | 0.16%          | 0.005%        |
| 22        | 4.445       | 4.431        | 4.460      | VV       | 276            | 4353         | 0.07%          | 0.002%        |
| 23        | 4.474       | 4.460        | 4.488      | VV       | 368            | 4821         | 0.07%          | 0.002%        |
| 24        | 4.537       | 4.488        | 4.547      | VV       | 356            | 9806         | 0.15%          | 0.004%        |
| 25        | 4.579       | 4.547        | 4.634      | VV       | 729            | 21576        | 0.33%          | 0.010%        |
| 26        | 4.649       | 4.634        | 4.681      | VV       | 426            | 9450         | 0.15%          | 0.004%        |
| 27        | 4.695       | 4.681        | 4.718      | VV       | 391            | 6669         | 0.10%          | 0.003%        |
| 28        | 4.744       | 4.718        | 4.781      | VV       | 363            | 9274         | 0.14%          | 0.004%        |
| 29        | 4.810       | 4.781        | 4.847      | VV       | 462            | 12553        | 0.19%          | 0.006%        |
| 30        | 4.865       | 4.847        | 4.914      | VV       | 700            | 13317        | 0.20%          | 0.006%        |
| 31        | 4.922       | 4.914        | 4.934      | VV       | 245            | 2769         | 0.04%          | 0.001%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 4.944 | 4.934 | 4.964 | VV | 288    | 4633  | 0.07% | 0.002% |
| 33 | 4.981 | 4.964 | 5.011 | VV | 298    | 6439  | 0.10% | 0.003% |
| 34 | 5.026 | 5.011 | 5.072 | VV | 446    | 11501 | 0.18% | 0.005% |
| 35 | 5.092 | 5.072 | 5.144 | VV | 489    | 11278 | 0.17% | 0.005% |
| 36 | 5.159 | 5.144 | 5.184 | VV | 272    | 4550  | 0.07% | 0.002% |
| 37 | 5.195 | 5.184 | 5.224 | VV | 253    | 3551  | 0.05% | 0.002% |
| 38 | 5.262 | 5.224 | 5.277 | VV | 421    | 7224  | 0.11% | 0.003% |
| 39 | 5.289 | 5.277 | 5.318 | VV | 357    | 6149  | 0.09% | 0.003% |
| 40 | 5.333 | 5.318 | 5.347 | VV | 372    | 4364  | 0.07% | 0.002% |
| 41 | 5.366 | 5.347 | 5.381 | VV | 461    | 6734  | 0.10% | 0.003% |
| 42 | 5.397 | 5.381 | 5.441 | VV | 362    | 8239  | 0.13% | 0.004% |
| 43 | 5.478 | 5.441 | 5.483 | VV | 231    | 4180  | 0.06% | 0.002% |
| 44 | 5.522 | 5.483 | 5.578 | VV | 771    | 20152 | 0.31% | 0.009% |
| 45 | 5.593 | 5.578 | 5.611 | VV | 439    | 6018  | 0.09% | 0.003% |
| 46 | 5.620 | 5.611 | 5.695 | VV | 303    | 8634  | 0.13% | 0.004% |
| 47 | 5.719 | 5.695 | 5.759 | VV | 968    | 18873 | 0.29% | 0.009% |
| 48 | 5.768 | 5.759 | 5.782 | VV | 292    | 3167  | 0.05% | 0.001% |
| 49 | 5.800 | 5.782 | 5.814 | VV | 481    | 5843  | 0.09% | 0.003% |
| 50 | 5.823 | 5.814 | 5.858 | VV | 303    | 5264  | 0.08% | 0.002% |
| 51 | 5.904 | 5.858 | 5.948 | VV | 739    | 15840 | 0.24% | 0.007% |
| 52 | 5.962 | 5.948 | 5.970 | VV | 278    | 2705  | 0.04% | 0.001% |
| 53 | 5.985 | 5.970 | 6.001 | VV | 341    | 4132  | 0.06% | 0.002% |
| 54 | 6.026 | 6.001 | 6.078 | VV | 557    | 14778 | 0.23% | 0.007% |
| 55 | 6.083 | 6.078 | 6.098 | VV | 280    | 2696  | 0.04% | 0.001% |
| 56 | 6.108 | 6.098 | 6.120 | VV | 229    | 2373  | 0.04% | 0.001% |
| 57 | 6.135 | 6.120 | 6.170 | VV | 262    | 5562  | 0.09% | 0.003% |
| 58 | 6.196 | 6.170 | 6.211 | VV | 252    | 4810  | 0.07% | 0.002% |
| 59 | 6.250 | 6.211 | 6.269 | VV | 407    | 8433  | 0.13% | 0.004% |
| 60 | 6.293 | 6.269 | 6.375 | VV | 2145   | 45000 | 0.69% | 0.021% |
| 61 | 6.395 | 6.375 | 6.421 | VV | 551    | 9619  | 0.15% | 0.004% |
| 62 | 6.460 | 6.421 | 6.507 | VV | 552    | 16922 | 0.26% | 0.008% |
| 63 | 6.542 | 6.507 | 6.563 | VV | 378    | 7384  | 0.11% | 0.003% |
| 64 | 6.588 | 6.563 | 6.612 | VV | 619    | 10481 | 0.16% | 0.005% |
| 65 | 6.635 | 6.612 | 6.651 | VV | 355    | 7813  | 0.12% | 0.004% |
| 66 | 6.672 | 6.651 | 6.725 | VV | 513    | 15840 | 0.24% | 0.007% |
| 67 | 6.750 | 6.725 | 6.775 | VV | 1118   | 15734 | 0.24% | 0.007% |
| 68 | 6.835 | 6.775 | 6.864 | VV | 365    | 12878 | 0.20% | 0.006% |
| 69 | 6.903 | 6.864 | 6.928 | VV | 786    | 13363 | 0.21% | 0.006% |
| 70 | 6.939 | 6.928 | 6.993 | VV | 462    | 8268  | 0.13% | 0.004% |
| 71 | 7.017 | 6.993 | 7.050 | VV | 262    | 5140  | 0.08% | 0.002% |
| 72 | 7.082 | 7.050 | 7.104 | PV | 420    | 6901  | 0.11% | 0.003% |
| 73 | 7.117 | 7.104 | 7.134 | VV | 191    | 2112  | 0.03% | 0.001% |
| 74 | 7.157 | 7.134 | 7.204 | VV | 330    | 8242  | 0.13% | 0.004% |
| 75 | 7.246 | 7.204 | 7.274 | VV | 885    | 19091 | 0.29% | 0.009% |
| 76 | 7.284 | 7.274 | 7.305 | VV | 529    | 8277  | 0.13% | 0.004% |
| 77 | 7.324 | 7.305 | 7.351 | VV | 590    | 9936  | 0.15% | 0.005% |
| 78 | 7.389 | 7.351 | 7.454 | VV | 1729   | 39961 | 0.61% | 0.018% |
| 79 | 7.471 | 7.454 | 7.505 | VV | 940    | 16457 | 0.25% | 0.008% |

|     |        |        |        |    |      |        |       |        |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 80  | 7.525  | 7.505  | 7.551  | VV | 1994 | 23742  | 0.37% | 0.011% |
| 81  | 7.568  | 7.551  | 7.587  | VV | 625  | 9489   | 0.15% | 0.004% |
| 82  | 7.596  | 7.587  | 7.632  | VV | 361  | 6937   | 0.11% | 0.003% |
| 83  | 7.698  | 7.632  | 7.750  | VV | 1364 | 29791  | 0.46% | 0.014% |
| 84  | 7.766  | 7.750  | 7.798  | VV | 287  | 6085   | 0.09% | 0.003% |
| 85  | 7.823  | 7.798  | 7.847  | VV | 301  | 6000   | 0.09% | 0.003% |
| 86  | 7.875  | 7.847  | 7.907  | VV | 589  | 10150  | 0.16% | 0.005% |
| 87  | 7.918  | 7.907  | 7.942  | VV | 140  | 2213   | 0.03% | 0.001% |
| 88  | 8.126  | 8.101  | 8.144  | VV | 1914 | 43992  | 0.68% | 0.020% |
| 89  | 8.154  | 8.144  | 8.209  | VV | 1473 | 38425  | 0.59% | 0.018% |
| 90  | 8.227  | 8.209  | 8.248  | VV | 706  | 13604  | 0.21% | 0.006% |
| 91  | 8.314  | 8.248  | 8.363  | VV | 1044 | 47195  | 0.73% | 0.022% |
| 92  | 8.399  | 8.363  | 8.441  | VV | 1957 | 44734  | 0.69% | 0.020% |
| 93  | 8.469  | 8.441  | 8.483  | VV | 859  | 18054  | 0.28% | 0.008% |
| 94  | 8.504  | 8.483  | 8.520  | VV | 2554 | 32912  | 0.51% | 0.015% |
| 95  | 8.534  | 8.520  | 8.554  | VV | 1743 | 26345  | 0.41% | 0.012% |
| 96  | 8.579  | 8.554  | 8.637  | VV | 2516 | 56746  | 0.87% | 0.026% |
| 97  | 8.691  | 8.637  | 8.724  | VV | 3745 | 74155  | 1.14% | 0.034% |
| 98  | 8.739  | 8.724  | 8.764  | VV | 1467 | 22958  | 0.35% | 0.011% |
| 99  | 8.780  | 8.764  | 8.819  | VV | 815  | 17041  | 0.26% | 0.008% |
| 100 | 8.831  | 8.819  | 8.854  | VV | 378  | 6094   | 0.09% | 0.003% |
| 101 | 8.987  | 8.965  | 9.021  | VV | 6055 | 103697 | 1.60% | 0.047% |
| 102 | 9.038  | 9.021  | 9.064  | VV | 2030 | 39408  | 0.61% | 0.018% |
| 103 | 9.076  | 9.064  | 9.088  | VV | 1179 | 15806  | 0.24% | 0.007% |
| 104 | 9.117  | 9.088  | 9.151  | VV | 2071 | 44899  | 0.69% | 0.021% |
| 105 | 9.177  | 9.151  | 9.189  | VV | 671  | 13308  | 0.20% | 0.006% |
| 106 | 9.232  | 9.189  | 9.247  | VV | 1350 | 29540  | 0.45% | 0.014% |
| 107 | 9.267  | 9.247  | 9.291  | VV | 2980 | 43651  | 0.67% | 0.020% |
| 108 | 9.324  | 9.291  | 9.378  | VV | 1293 | 45877  | 0.71% | 0.021% |
| 109 | 9.404  | 9.378  | 9.428  | VV | 2768 | 42703  | 0.66% | 0.020% |
| 110 | 9.443  | 9.428  | 9.524  | VV | 1363 | 35143  | 0.54% | 0.016% |
| 111 | 9.558  | 9.524  | 9.576  | VV | 1218 | 18972  | 0.29% | 0.009% |
| 112 | 9.591  | 9.576  | 9.626  | VV | 845  | 15528  | 0.24% | 0.007% |
| 113 | 9.643  | 9.626  | 9.662  | VV | 691  | 10415  | 0.16% | 0.005% |
| 114 | 9.696  | 9.662  | 9.718  | VV | 1049 | 20462  | 0.31% | 0.009% |
| 115 | 9.738  | 9.718  | 9.756  | VV | 1177 | 16643  | 0.26% | 0.008% |
| 116 | 9.780  | 9.756  | 9.838  | VV | 6221 | 107278 | 1.65% | 0.049% |
| 117 | 9.857  | 9.838  | 9.891  | VV | 1626 | 32138  | 0.49% | 0.015% |
| 118 | 9.929  | 9.891  | 9.948  | VV | 1449 | 31908  | 0.49% | 0.015% |
| 119 | 9.959  | 9.948  | 9.974  | VV | 940  | 12973  | 0.20% | 0.006% |
| 120 | 9.989  | 9.974  | 10.029 | VV | 910  | 20483  | 0.32% | 0.009% |
| 121 | 10.059 | 10.029 | 10.086 | VV | 6891 | 97005  | 1.49% | 0.044% |
| 122 | 10.103 | 10.086 | 10.165 | VV | 2083 | 55660  | 0.86% | 0.025% |
| 123 | 10.188 | 10.165 | 10.251 | VV | 2746 | 65406  | 1.01% | 0.030% |
| 124 | 10.268 | 10.251 | 10.278 | VV | 526  | 7435   | 0.11% | 0.003% |
| 125 | 10.293 | 10.278 | 10.330 | VV | 758  | 12005  | 0.18% | 0.005% |
| 126 | 10.363 | 10.330 | 10.412 | VV | 525  | 13222  | 0.20% | 0.006% |

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|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 127 | 10.420 | 10.412 | 10.438 | VV | 177    | 1759    | 0.03%   | 0.001% |
| 128 | 10.528 | 10.438 | 10.552 | PV | 1066   | 24479   | 0.38%   | 0.011% |
| 129 | 10.576 | 10.552 | 10.599 | VV | 1547   | 24487   | 0.38%   | 0.011% |
| 130 | 10.664 | 10.599 | 10.688 | VV | 2097   | 53724   | 0.83%   | 0.025% |
| 131 | 10.704 | 10.688 | 10.744 | VV | 1287   | 25062   | 0.39%   | 0.011% |
| 132 | 10.782 | 10.744 | 10.818 | VV | 1415   | 30998   | 0.48%   | 0.014% |
| 133 | 10.843 | 10.818 | 10.869 | VV | 1388   | 28521   | 0.44%   | 0.013% |
| 134 | 10.880 | 10.869 | 10.894 | VV | 752    | 9041    | 0.14%   | 0.004% |
| 135 | 10.926 | 10.894 | 10.965 | VV | 2773   | 56432   | 0.87%   | 0.026% |
| 136 | 10.993 | 10.965 | 11.048 | VV | 3492   | 73655   | 1.13%   | 0.034% |
| 137 | 11.082 | 11.048 | 11.101 | VV | 552    | 12423   | 0.19%   | 0.006% |
| 138 | 11.185 | 11.101 | 11.238 | VV | 40532  | 509202  | 7.84%   | 0.233% |
| 139 | 11.261 | 11.238 | 11.360 | VV | 11528  | 183918  | 2.83%   | 0.084% |
| 140 | 11.373 | 11.360 | 11.386 | VV | 496    | 5603    | 0.09%   | 0.003% |
| 141 | 11.398 | 11.386 | 11.420 | VV | 305    | 4405    | 0.07%   | 0.002% |
| 142 | 11.436 | 11.420 | 11.458 | PV | 301    | 4243    | 0.07%   | 0.002% |
| 143 | 11.487 | 11.458 | 11.517 | VV | 1593   | 25367   | 0.39%   | 0.012% |
| 144 | 11.559 | 11.517 | 11.571 | VV | 866    | 17135   | 0.26%   | 0.008% |
| 145 | 11.629 | 11.571 | 11.651 | VV | 3029   | 55165   | 0.85%   | 0.025% |
| 146 | 11.678 | 11.651 | 11.691 | VV | 774    | 14335   | 0.22%   | 0.007% |
| 147 | 11.717 | 11.691 | 11.749 | VV | 3507   | 56903   | 0.88%   | 0.026% |
| 148 | 11.785 | 11.749 | 11.808 | PV | 1137   | 15920   | 0.24%   | 0.007% |
| 149 | 11.840 | 11.808 | 11.860 | VV | 1238   | 23335   | 0.36%   | 0.011% |
| 150 | 11.876 | 11.860 | 11.901 | VV | 708    | 11472   | 0.18%   | 0.005% |
| 151 | 11.952 | 11.901 | 11.978 | VV | 588619 | 6498826 | 100.00% | 2.974% |
| 152 | 11.989 | 11.978 | 12.005 | VV | 6552   | 76487   | 1.18%   | 0.035% |
| 153 | 12.021 | 12.005 | 12.064 | VV | 7306   | 108042  | 1.66%   | 0.049% |
| 154 | 12.104 | 12.064 | 12.123 | VV | 8042   | 134561  | 2.07%   | 0.062% |
| 155 | 12.138 | 12.123 | 12.153 | VV | 4852   | 59769   | 0.92%   | 0.027% |
| 156 | 12.169 | 12.153 | 12.214 | VV | 5315   | 74840   | 1.15%   | 0.034% |
| 157 | 12.240 | 12.214 | 12.260 | PV | 594    | 10157   | 0.16%   | 0.005% |
| 158 | 12.299 | 12.260 | 12.338 | VV | 3237   | 60073   | 0.92%   | 0.027% |
| 159 | 12.354 | 12.338 | 12.371 | VV | 1936   | 25430   | 0.39%   | 0.012% |
| 160 | 12.391 | 12.371 | 12.434 | VV | 2139   | 35883   | 0.55%   | 0.016% |
| 161 | 12.461 | 12.434 | 12.481 | VV | 3055   | 40482   | 0.62%   | 0.019% |
| 162 | 12.490 | 12.481 | 12.508 | VV | 962    | 11208   | 0.17%   | 0.005% |
| 163 | 12.525 | 12.508 | 12.538 | VV | 1758   | 22195   | 0.34%   | 0.010% |
| 164 | 12.546 | 12.538 | 12.584 | VV | 1679   | 23110   | 0.36%   | 0.011% |
| 165 | 12.605 | 12.584 | 12.623 | VV | 867    | 12945   | 0.20%   | 0.006% |
| 166 | 12.640 | 12.623 | 12.650 | VV | 775    | 8546    | 0.13%   | 0.004% |
| 167 | 12.669 | 12.650 | 12.698 | VV | 1392   | 26786   | 0.41%   | 0.012% |
| 168 | 12.712 | 12.698 | 12.723 | VV | 1199   | 14369   | 0.22%   | 0.007% |
| 169 | 12.737 | 12.723 | 12.758 | VV | 1138   | 20642   | 0.32%   | 0.009% |
| 170 | 12.781 | 12.758 | 12.824 | VV | 2344   | 47993   | 0.74%   | 0.022% |
| 171 | 12.845 | 12.824 | 12.862 | PV | 1964   | 28893   | 0.44%   | 0.013% |
| 172 | 12.889 | 12.862 | 12.910 | VV | 6596   | 97773   | 1.50%   | 0.045% |
| 173 | 12.939 | 12.910 | 12.976 | VV | 5419   | 125775  | 1.94%   | 0.058% |
| 174 | 13.005 | 12.976 | 13.049 | VV | 65814  | 793622  | 12.21%  | 0.363% |

|     |        |        |        |    |               |         |        |        |
|-----|--------|--------|--------|----|---------------|---------|--------|--------|
| 175 | 13.063 | 13.049 | 13.086 | VV | rteres<br>832 | 14449   | 0.22%  | 0.007% |
| 176 | 13.102 | 13.086 | 13.116 | VV | 633           | 7028    | 0.11%  | 0.003% |
| 177 | 13.142 | 13.116 | 13.154 | VV | 1689          | 25524   | 0.39%  | 0.012% |
| 178 | 13.164 | 13.154 | 13.175 | VV | 1438          | 16208   | 0.25%  | 0.007% |
| 179 | 13.194 | 13.175 | 13.211 | VV | 3005          | 42305   | 0.65%  | 0.019% |
| 180 | 13.222 | 13.211 | 13.276 | VV | 1708          | 47400   | 0.73%  | 0.022% |
| 181 | 13.305 | 13.276 | 13.343 | PV | 55206         | 677902  | 10.43% | 0.310% |
| 182 | 13.388 | 13.343 | 13.461 | VV | 404296        | 5038484 | 77.53% | 2.305% |
| 183 | 13.480 | 13.461 | 13.530 | VV | 2364          | 60178   | 0.93%  | 0.028% |
| 184 | 13.554 | 13.530 | 13.565 | VV | 3734          | 46321   | 0.71%  | 0.021% |
| 185 | 13.574 | 13.565 | 13.618 | VV | 3115          | 63846   | 0.98%  | 0.029% |
| 186 | 13.637 | 13.618 | 13.679 | VV | 2239          | 38619   | 0.59%  | 0.018% |
| 187 | 13.703 | 13.679 | 13.718 | VV | 1808          | 23440   | 0.36%  | 0.011% |
| 188 | 13.725 | 13.718 | 13.743 | VV | 1290          | 14985   | 0.23%  | 0.007% |
| 189 | 13.767 | 13.743 | 13.809 | VV | 3849          | 66699   | 1.03%  | 0.031% |
| 190 | 13.817 | 13.809 | 13.838 | VV | 522           | 7160    | 0.11%  | 0.003% |
| 191 | 13.896 | 13.838 | 13.924 | VV | 10754         | 177535  | 2.73%  | 0.081% |
| 192 | 13.962 | 13.924 | 13.977 | VV | 1183          | 28490   | 0.44%  | 0.013% |
| 193 | 14.003 | 13.977 | 14.024 | VV | 7711          | 102104  | 1.57%  | 0.047% |
| 194 | 14.044 | 14.024 | 14.066 | VV | 5560          | 77474   | 1.19%  | 0.035% |
| 195 | 14.086 | 14.066 | 14.108 | VV | 2522          | 42771   | 0.66%  | 0.020% |
| 196 | 14.141 | 14.108 | 14.156 | VV | 6112          | 98705   | 1.52%  | 0.045% |
| 197 | 14.170 | 14.156 | 14.194 | VV | 6270          | 93035   | 1.43%  | 0.043% |
| 198 | 14.213 | 14.194 | 14.244 | VV | 4901          | 66798   | 1.03%  | 0.031% |
| 199 | 14.286 | 14.244 | 14.311 | VV | 1174          | 25706   | 0.40%  | 0.012% |
| 200 | 14.368 | 14.311 | 14.391 | PV | 1312          | 32555   | 0.50%  | 0.015% |
| 201 | 14.441 | 14.391 | 14.459 | VV | 698           | 18896   | 0.29%  | 0.009% |
| 202 | 14.478 | 14.459 | 14.490 | PV | 645           | 7719    | 0.12%  | 0.004% |
| 203 | 14.507 | 14.490 | 14.520 | VV | 1076          | 12684   | 0.20%  | 0.006% |
| 204 | 14.595 | 14.520 | 14.615 | VV | 2746          | 104091  | 1.60%  | 0.048% |
| 205 | 14.634 | 14.615 | 14.671 | VV | 3491          | 79306   | 1.22%  | 0.036% |
| 206 | 14.703 | 14.671 | 14.722 | VV | 5675          | 82641   | 1.27%  | 0.038% |
| 207 | 14.735 | 14.722 | 14.751 | VV | 2821          | 39917   | 0.61%  | 0.018% |
| 208 | 14.767 | 14.751 | 14.785 | VV | 2125          | 32675   | 0.50%  | 0.015% |
| 209 | 14.811 | 14.785 | 14.851 | VV | 5091          | 100143  | 1.54%  | 0.046% |
| 210 | 14.873 | 14.851 | 14.896 | VV | 8311          | 110064  | 1.69%  | 0.050% |
| 211 | 14.937 | 14.896 | 14.974 | VV | 3015          | 83516   | 1.29%  | 0.038% |
| 212 | 14.996 | 14.974 | 15.015 | VV | 1879          | 25517   | 0.39%  | 0.012% |
| 213 | 15.031 | 15.015 | 15.041 | VV | 1090          | 12298   | 0.19%  | 0.006% |
| 214 | 15.057 | 15.041 | 15.110 | VV | 1540          | 31923   | 0.49%  | 0.015% |
| 215 | 15.140 | 15.110 | 15.151 | VV | 1462          | 21462   | 0.33%  | 0.010% |
| 216 | 15.184 | 15.151 | 15.205 | VV | 27826         | 367287  | 5.65%  | 0.168% |
| 217 | 15.225 | 15.205 | 15.264 | VV | 27219         | 424366  | 6.53%  | 0.194% |
| 218 | 15.279 | 15.264 | 15.303 | VV | 1847          | 32117   | 0.49%  | 0.015% |
| 219 | 15.346 | 15.303 | 15.368 | VV | 8089          | 141518  | 2.18%  | 0.065% |
| 220 | 15.383 | 15.368 | 15.403 | VV | 2798          | 47421   | 0.73%  | 0.022% |
| 221 | 15.431 | 15.403 | 15.461 | VV | 2638          | 51533   | 0.79%  | 0.024% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 15.495 | 15.461 | 15.532 | VV | 3242   | 83366   | 1.28%  | 0.038% |
| 223 | 15.550 | 15.532 | 15.591 | VV | 2478   | 61383   | 0.94%  | 0.028% |
| 224 | 15.631 | 15.591 | 15.713 | VV | 18196  | 477291  | 7.34%  | 0.218% |
| 225 | 15.764 | 15.713 | 15.798 | VV | 7591   | 175777  | 2.70%  | 0.080% |
| 226 | 15.858 | 15.798 | 15.879 | VV | 10492  | 275984  | 4.25%  | 0.126% |
| 227 | 15.897 | 15.879 | 15.924 | VV | 6315   | 112030  | 1.72%  | 0.051% |
| 228 | 15.944 | 15.924 | 15.964 | VV | 3712   | 72930   | 1.12%  | 0.033% |
| 229 | 16.018 | 15.964 | 16.053 | VV | 7531   | 268560  | 4.13%  | 0.123% |
| 230 | 16.065 | 16.053 | 16.074 | VV | 3517   | 41760   | 0.64%  | 0.019% |
| 231 | 16.095 | 16.074 | 16.118 | VV | 4805   | 97659   | 1.50%  | 0.045% |
| 232 | 16.184 | 16.118 | 16.208 | VV | 5130   | 221998  | 3.42%  | 0.102% |
| 233 | 16.266 | 16.208 | 16.341 | VV | 9651   | 471747  | 7.26%  | 0.216% |
| 234 | 16.351 | 16.341 | 16.367 | VV | 5005   | 74765   | 1.15%  | 0.034% |
| 235 | 16.375 | 16.367 | 16.382 | VV | 5004   | 42419   | 0.65%  | 0.019% |
| 236 | 16.391 | 16.382 | 16.407 | VV | 4756   | 65884   | 1.01%  | 0.030% |
| 237 | 16.456 | 16.407 | 16.487 | VV | 8182   | 303916  | 4.68%  | 0.139% |
| 238 | 16.498 | 16.487 | 16.511 | VV | 6517   | 88942   | 1.37%  | 0.041% |
| 239 | 16.564 | 16.511 | 16.586 | VV | 9447   | 355457  | 5.47%  | 0.163% |
| 240 | 16.656 | 16.586 | 16.694 | VV | 13990  | 627469  | 9.66%  | 0.287% |
| 241 | 16.746 | 16.694 | 16.804 | VV | 46100  | 1256837 | 19.34% | 0.575% |
| 242 | 16.877 | 16.804 | 16.899 | VV | 18173  | 719938  | 11.08% | 0.329% |
| 243 | 16.925 | 16.899 | 16.944 | VV | 13337  | 346988  | 5.34%  | 0.159% |
| 244 | 16.962 | 16.944 | 16.991 | VV | 13453  | 360308  | 5.54%  | 0.165% |
| 245 | 17.067 | 16.991 | 17.095 | VV | 32140  | 1118706 | 17.21% | 0.512% |
| 246 | 17.126 | 17.095 | 17.166 | VV | 38283  | 902668  | 13.89% | 0.413% |
| 247 | 17.226 | 17.166 | 17.261 | VV | 26815  | 1141904 | 17.57% | 0.522% |
| 248 | 17.281 | 17.261 | 17.304 | VV | 19443  | 483964  | 7.45%  | 0.221% |
| 249 | 17.317 | 17.304 | 17.354 | VV | 17931  | 514790  | 7.92%  | 0.236% |
| 250 | 17.382 | 17.354 | 17.417 | VV | 19949  | 703109  | 10.82% | 0.322% |
| 251 | 17.439 | 17.417 | 17.448 | VV | 20796  | 368570  | 5.67%  | 0.169% |
| 252 | 17.466 | 17.448 | 17.480 | VV | 23707  | 428856  | 6.60%  | 0.196% |
| 253 | 17.492 | 17.480 | 17.511 | VV | 22513  | 408623  | 6.29%  | 0.187% |
| 254 | 17.536 | 17.511 | 17.566 | VV | 24209  | 747114  | 11.50% | 0.342% |
| 255 | 17.664 | 17.566 | 17.685 | VV | 34418  | 1872971 | 28.82% | 0.857% |
| 256 | 17.708 | 17.685 | 17.727 | VV | 26244  | 630441  | 9.70%  | 0.288% |
| 257 | 17.739 | 17.727 | 17.760 | VV | 26171  | 503197  | 7.74%  | 0.230% |
| 258 | 17.785 | 17.760 | 17.816 | VV | 31189  | 909805  | 14.00% | 0.416% |
| 259 | 17.844 | 17.816 | 17.864 | VV | 28352  | 751419  | 11.56% | 0.344% |
| 260 | 17.909 | 17.864 | 17.923 | VV | 26239  | 880779  | 13.55% | 0.403% |
| 261 | 17.957 | 17.923 | 17.968 | VV | 25860  | 696621  | 10.72% | 0.319% |
| 262 | 18.011 | 17.968 | 18.030 | VV | 31293  | 1039947 | 16.00% | 0.476% |
| 263 | 18.105 | 18.030 | 18.135 | VV | 43139  | 2131079 | 32.79% | 0.975% |
| 264 | 18.156 | 18.135 | 18.173 | VV | 33030  | 692523  | 10.66% | 0.317% |
| 265 | 18.201 | 18.173 | 18.211 | VV | 33251  | 717629  | 11.04% | 0.328% |
| 266 | 18.253 | 18.211 | 18.334 | VV | 49913  | 2797773 | 43.05% | 1.280% |
| 267 | 18.359 | 18.334 | 18.369 | VV | 33692  | 685579  | 10.55% | 0.314% |
| 268 | 18.439 | 18.369 | 18.446 | VV | 38599  | 1697775 | 26.12% | 0.777% |
| 269 | 18.497 | 18.446 | 18.513 | VV | 56954  | 1891072 | 29.10% | 0.865% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 270 | 18.528 | 18.513 | 18.564 | VV | rteres<br>50604 | 1346134 | 20.71% | 0.616% |
| 271 | 18.624 | 18.564 | 18.648 | VV | 57594           | 2254104 | 34.68% | 1.031% |
| 272 | 18.661 | 18.648 | 18.681 | VV | 44715           | 861182  | 13.25% | 0.394% |
| 273 | 18.690 | 18.681 | 18.724 | VV | 41191           | 1036737 | 15.95% | 0.474% |
| 274 | 18.753 | 18.724 | 18.804 | VV | 56080           | 2178839 | 33.53% | 0.997% |
| 275 | 18.837 | 18.804 | 18.853 | VV | 44872           | 1245317 | 19.16% | 0.570% |
| 276 | 18.887 | 18.853 | 18.901 | VV | 47449           | 1270687 | 19.55% | 0.581% |
| 277 | 18.937 | 18.901 | 18.981 | VV | 56718           | 2328332 | 35.83% | 1.065% |
| 278 | 19.044 | 18.981 | 19.068 | VV | 61333           | 2580817 | 39.71% | 1.181% |
| 279 | 19.093 | 19.068 | 19.150 | VV | 59935           | 2538019 | 39.05% | 1.161% |
| 280 | 19.188 | 19.150 | 19.204 | VV | 52559           | 1616740 | 24.88% | 0.740% |
| 281 | 19.215 | 19.204 | 19.248 | VV | 53987           | 1348125 | 20.74% | 0.617% |
| 282 | 19.265 | 19.248 | 19.281 | VV | 56343           | 1078999 | 16.60% | 0.494% |
| 283 | 19.336 | 19.281 | 19.354 | VV | 65140           | 2587068 | 39.81% | 1.184% |
| 284 | 19.374 | 19.354 | 19.407 | VV | 62314           | 1873639 | 28.83% | 0.857% |
| 285 | 19.447 | 19.407 | 19.491 | VV | 64064           | 2983663 | 45.91% | 1.365% |
| 286 | 19.506 | 19.491 | 19.530 | VV | 57270           | 1329048 | 20.45% | 0.608% |
| 287 | 19.555 | 19.530 | 19.578 | VV | 58689           | 1654430 | 25.46% | 0.757% |
| 288 | 19.603 | 19.578 | 19.631 | VV | 60240           | 1904221 | 29.30% | 0.871% |
| 289 | 19.646 | 19.631 | 19.660 | VV | 60878           | 1012483 | 15.58% | 0.463% |
| 290 | 19.723 | 19.660 | 19.737 | VV | 70821           | 2952799 | 45.44% | 1.351% |
| 291 | 19.755 | 19.737 | 19.804 | VV | 71037           | 2709107 | 41.69% | 1.240% |
| 292 | 19.844 | 19.804 | 19.868 | VV | 72789           | 2575400 | 39.63% | 1.178% |
| 293 | 19.912 | 19.868 | 19.954 | VV | 72846           | 3634017 | 55.92% | 1.663% |
| 294 | 19.977 | 19.954 | 19.988 | VV | 75647           | 1468435 | 22.60% | 0.672% |
| 295 | 20.000 | 19.988 | 20.018 | VV | 75830           | 1326253 | 20.41% | 0.607% |
| 296 | 20.031 | 20.018 | 20.046 | VV | 74785           | 1208325 | 18.59% | 0.553% |
| 297 | 20.075 | 20.046 | 20.130 | VV | 90190           | 4116941 | 63.35% | 1.884% |
| 298 | 20.149 | 20.130 | 20.190 | VV | 82335           | 2848181 | 43.83% | 1.303% |
| 299 | 20.295 | 20.190 | 20.314 | VV | 86366           | 6028647 | 92.77% | 2.758% |
| 300 | 20.378 | 20.314 | 20.396 | VV | 92354           | 4247381 | 65.36% | 1.943% |
| 301 | 20.410 | 20.396 | 20.424 | VV | 87626           | 1417829 | 21.82% | 0.649% |
| 302 | 20.464 | 20.424 | 20.493 | VV | 96662           | 3801885 | 58.50% | 1.740% |
| 303 | 20.504 | 20.493 | 20.512 | VV | 92262           | 1002380 | 15.42% | 0.459% |
| 304 | 20.535 | 20.512 | 20.551 | VV | 98973           | 2198472 | 33.83% | 1.006% |
| 305 | 20.574 | 20.551 | 20.584 | VV | 95115           | 1800996 | 27.71% | 0.824% |
| 306 | 20.607 | 20.584 | 20.621 | VV | 98554           | 2116043 | 32.56% | 0.968% |
| 307 | 20.652 | 20.621 | 20.661 | VV | 99864           | 2370638 | 36.48% | 1.085% |
| 308 | 20.680 | 20.661 | 20.731 | VV | 103326          | 4149644 | 63.85% | 1.899% |
| 309 | 20.746 | 20.731 | 20.768 | VV | 100076          | 2220960 | 34.17% | 1.016% |
| 310 | 20.822 | 20.768 | 20.853 | VV | 105506          | 5102168 | 78.51% | 2.335% |
| 311 | 20.880 | 20.853 | 20.910 | VV | 102015          | 3383265 | 52.06% | 1.548% |
| 312 | 20.956 | 20.910 | 20.974 | VV | 101178          | 3805025 | 58.55% | 1.741% |
| 313 | 20.994 | 20.974 | 21.022 | VV | 99017           | 2817188 | 43.35% | 1.289% |
| 314 | 21.033 | 21.022 | 21.051 | VV | 96376           | 1625123 | 25.01% | 0.744% |
| 315 | 21.069 | 21.051 | 21.091 | VV | 98042           | 2319369 | 35.69% | 1.061% |
| 316 | 21.109 | 21.091 | 21.144 | VV | 96561           | 2971705 | 45.73% | 1.360% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     | rteres                  |           |        |        |
| 317 | 21.154 | 21.144 | 21.161 | VV  | 92673                   | 918385    | 14.13% | 0.420% |
| 318 | 21.171 | 21.161 | 21.181 | VV  | 93992                   | 1140167   | 17.54% | 0.522% |
| 319 | 21.214 | 21.181 | 21.251 | VV  | 100756                  | 3951125   | 60.80% | 1.808% |
| 320 | 21.264 | 21.251 | 21.301 | VV  | 90729                   | 2701187   | 41.56% | 1.236% |
| 321 | 21.307 | 21.301 | 21.317 | VV  | 89449                   | 867193    | 13.34% | 0.397% |
| 322 | 21.329 | 21.317 | 21.344 | VV  | 89787                   | 1437233   | 22.12% | 0.658% |
| 323 | 21.372 | 21.344 | 21.398 | VV  | 89773                   | 2813028   | 43.29% | 1.287% |
| 324 | 21.405 | 21.398 | 21.413 | VV  | 87345                   | 798720    | 12.29% | 0.365% |
| 325 | 21.421 | 21.413 | 21.448 | VV  | 88668                   | 1794219   | 27.61% | 0.821% |
| 326 | 21.455 | 21.448 | 21.475 | VV  | 86771                   | 1384926   | 21.31% | 0.634% |
| 327 | 21.490 | 21.475 | 21.509 | VV  | 86600                   | 1756416   | 27.03% | 0.804% |
| 328 | 21.530 | 21.509 | 21.557 | VV  | 87667                   | 2385140   | 36.70% | 1.091% |
| 329 | 21.564 | 21.557 | 21.577 | VV  | 85005                   | 1043470   | 16.06% | 0.477% |
| 330 | 21.590 | 21.577 | 21.608 | VV  | 83326                   | 1489405   | 22.92% | 0.681% |
| 331 | 21.646 | 21.608 | 21.727 | VV  | 88754                   | 5897816   | 90.75% | 2.699% |
| 332 | 21.762 | 21.727 | 21.824 | VV  | 79393                   | 4492485   | 69.13% | 2.056% |
| 333 | 21.836 | 21.824 | 21.888 | VV  | 77524                   | 2888351   | 44.44% | 1.322% |
| 334 | 21.905 | 21.888 | 21.921 | VV  | 76439                   | 1522068   | 23.42% | 0.696% |
| 335 | 21.933 | 21.921 | 21.955 | VV  | 75620                   | 1500150   | 23.08% | 0.686% |
| 336 | 21.978 | 21.955 | 22.001 | VV  | 73331                   | 1987114   | 30.58% | 0.909% |
| 337 | 22.017 | 22.001 | 22.034 | VV  | 72124                   | 1427245   | 21.96% | 0.653% |
| 338 | 22.042 | 22.034 | 22.075 | VV  | 71800                   | 1698204   | 26.13% | 0.777% |
| 339 | 22.087 | 22.075 | 22.102 | VV  | 70561                   | 1149214   | 17.68% | 0.526% |
| 340 | 22.136 | 22.102 | 22.145 | VV  | 77047                   | 1856309   | 28.56% | 0.849% |
| 341 | 22.150 | 22.145 | 22.199 | VV  | 75417                   | 2251674   | 34.65% | 1.030% |
| 342 | 22.217 | 22.199 | 22.242 | VV  | 70057                   | 1753605   | 26.98% | 0.802% |
| 343 | 22.256 | 22.242 | 22.267 | VV  | 66198                   | 975067    | 15.00% | 0.446% |
| 344 | 22.284 | 22.267 | 22.301 | VBA | 67945                   | 1516062   | 23.33% | 0.694% |
|     |        |        |        |     | Sum of corrected areas: | 218550218 |        |        |

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