

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082125AL\  
 Data File : FE055442.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Aug 2025 22:49  
 Sample : Q2919-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.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         | 2.829       | 2.804        | 2.877      | BV       | 473            | 9640         | 0.11%          | 0.003%        |
| 2         | 2.896       | 2.877        | 2.941      | VV       | 387            | 8470         | 0.10%          | 0.003%        |
| 3         | 2.948       | 2.941        | 3.004      | VV       | 158            | 4835         | 0.06%          | 0.001%        |
| 4         | 3.051       | 3.004        | 3.131      | VV       | 3878           | 71525        | 0.83%          | 0.022%        |
| 5         | 3.149       | 3.131        | 3.168      | VV       | 599            | 9059         | 0.11%          | 0.003%        |
| 6         | 3.180       | 3.168        | 3.234      | VV       | 385            | 10013        | 0.12%          | 0.003%        |
| 7         | 3.259       | 3.234        | 3.380      | VV       | 684            | 28428        | 0.33%          | 0.009%        |
| 8         | 3.415       | 3.380        | 3.511      | VV       | 409            | 13579        | 0.16%          | 0.004%        |
| 9         | 3.528       | 3.511        | 3.540      | VV       | 314            | 3145         | 0.04%          | 0.001%        |
| 10        | 3.558       | 3.540        | 3.581      | VV       | 330            | 5982         | 0.07%          | 0.002%        |
| 11        | 3.646       | 3.581        | 3.694      | VV       | 219            | 10905        | 0.13%          | 0.003%        |
| 12        | 3.701       | 3.694        | 3.735      | VV       | 206            | 3260         | 0.04%          | 0.001%        |
| 13        | 3.771       | 3.735        | 3.787      | VV       | 249            | 5512         | 0.06%          | 0.002%        |
| 14        | 3.810       | 3.787        | 3.828      | VV       | 260            | 3768         | 0.04%          | 0.001%        |
| 15        | 3.887       | 3.828        | 3.938      | VV       | 1425           | 30182        | 0.35%          | 0.009%        |
| 16        | 3.947       | 3.938        | 3.978      | VV       | 127            | 2554         | 0.03%          | 0.001%        |
| 17        | 4.005       | 3.978        | 4.070      | VV       | 1120           | 18096        | 0.21%          | 0.006%        |
| 18        | 4.104       | 4.070        | 4.138      | VV       | 324            | 8004         | 0.09%          | 0.002%        |
| 19        | 4.153       | 4.138        | 4.168      | PV       | 78             | 1055         | 0.01%          | 0.000%        |
| 20        | 4.212       | 4.168        | 4.241      | VV       | 700            | 14064        | 0.16%          | 0.004%        |
| 21        | 4.260       | 4.241        | 4.294      | VV       | 1785           | 24321        | 0.28%          | 0.008%        |
| 22        | 4.308       | 4.294        | 4.354      | VV       | 312            | 7766         | 0.09%          | 0.002%        |
| 23        | 4.377       | 4.354        | 4.403      | VV       | 3371           | 55081        | 0.64%          | 0.017%        |
| 24        | 4.418       | 4.403        | 4.521      | VV       | 2223           | 58438        | 0.68%          | 0.018%        |
| 25        | 4.531       | 4.521        | 4.614      | VV       | 331            | 10053        | 0.12%          | 0.003%        |
| 26        | 4.621       | 4.614        | 4.648      | VV       | 249            | 2973         | 0.03%          | 0.001%        |
| 27        | 4.674       | 4.648        | 4.701      | VV       | 347            | 6324         | 0.07%          | 0.002%        |
| 28        | 4.716       | 4.701        | 4.734      | VV       | 423            | 5648         | 0.07%          | 0.002%        |
| 29        | 4.750       | 4.734        | 4.776      | VV       | 430            | 7281         | 0.08%          | 0.002%        |
| 30        | 4.802       | 4.776        | 4.818      | VV       | 299            | 6409         | 0.07%          | 0.002%        |
| 31        | 4.837       | 4.818        | 4.870      | VV       | 886            | 12823        | 0.15%          | 0.004%        |
| 32        | 4.910       | 4.870        | 5.028      | VV       | 6127           | 120425       | 1.41%          | 0.037%        |
| 33        | 5.049       | 5.028        | 5.078      | VV       | 724            | 16668        | 0.19%          | 0.005%        |
| 34        | 5.091       | 5.078        | 5.108      | VV       | 521            | 8518         | 0.10%          | 0.003%        |
| 35        | 5.126       | 5.108        | 5.149      | VV       | 552            | 10936        | 0.13%          | 0.003%        |
| 36        | 5.179       | 5.149        | 5.251      | VV       | 808            | 26121        | 0.30%          | 0.008%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.260 | 5.251 | 5.268 | VV | 196    | 1919   | 0.02% | 0.001% |
| 38 | 5.297 | 5.268 | 5.348 | VV | 504    | 11437  | 0.13% | 0.004% |
| 39 | 5.382 | 5.348 | 5.411 | VV | 594    | 12348  | 0.14% | 0.004% |
| 40 | 5.437 | 5.411 | 5.455 | VV | 687    | 11200  | 0.13% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.468 | 5.455 | 5.483 | VV | 439    | 5352   | 0.06% | 0.002% |
| 42 | 5.498 | 5.483 | 5.515 | VV | 454    | 6979   | 0.08% | 0.002% |
| 43 | 5.524 | 5.515 | 5.543 | VV | 314    | 3566   | 0.04% | 0.001% |
| 44 | 5.565 | 5.543 | 5.605 | PV | 1468   | 25163  | 0.29% | 0.008% |
| 45 | 5.622 | 5.605 | 5.670 | VV | 1314   | 20474  | 0.24% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.694 | 5.670 | 5.708 | VV | 504    | 6545   | 0.08% | 0.002% |
| 47 | 5.727 | 5.708 | 5.744 | VV | 619    | 7473   | 0.09% | 0.002% |
| 48 | 5.757 | 5.744 | 5.798 | VV | 637    | 8293   | 0.10% | 0.003% |
| 49 | 5.818 | 5.798 | 5.833 | VV | 936    | 10352  | 0.12% | 0.003% |
| 50 | 5.871 | 5.833 | 5.916 | VV | 1678   | 35606  | 0.42% | 0.011% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.933 | 5.916 | 5.989 | VV | 430    | 7282   | 0.08% | 0.002% |
| 52 | 6.011 | 5.989 | 6.036 | PV | 657    | 7339   | 0.09% | 0.002% |
| 53 | 6.066 | 6.036 | 6.074 | VV | 543    | 5801   | 0.07% | 0.002% |
| 54 | 6.095 | 6.074 | 6.111 | VV | 2315   | 32353  | 0.38% | 0.010% |
| 55 | 6.135 | 6.111 | 6.200 | VV | 3423   | 88401  | 1.03% | 0.027% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.213 | 6.200 | 6.226 | VV | 791    | 10230  | 0.12% | 0.003% |
| 57 | 6.235 | 6.226 | 6.269 | VV | 628    | 13204  | 0.15% | 0.004% |
| 58 | 6.294 | 6.269 | 6.316 | VV | 584    | 11854  | 0.14% | 0.004% |
| 59 | 6.335 | 6.316 | 6.344 | VV | 887    | 9472   | 0.11% | 0.003% |
| 60 | 6.353 | 6.344 | 6.372 | VV | 748    | 9545   | 0.11% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.397 | 6.372 | 6.430 | VV | 10928  | 119952 | 1.40% | 0.037% |
| 62 | 6.447 | 6.430 | 6.458 | VV | 789    | 10267  | 0.12% | 0.003% |
| 63 | 6.470 | 6.458 | 6.481 | VV | 727    | 8768   | 0.10% | 0.003% |
| 64 | 6.497 | 6.481 | 6.525 | VV | 825    | 14602  | 0.17% | 0.005% |
| 65 | 6.550 | 6.525 | 6.572 | VV | 577    | 12313  | 0.14% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.587 | 6.572 | 6.609 | VV | 463    | 8217   | 0.10% | 0.003% |
| 67 | 6.625 | 6.609 | 6.638 | VV | 513    | 6987   | 0.08% | 0.002% |
| 68 | 6.647 | 6.638 | 6.662 | VV | 467    | 5629   | 0.07% | 0.002% |
| 69 | 6.689 | 6.662 | 6.727 | VV | 1426   | 25291  | 0.30% | 0.008% |
| 70 | 6.738 | 6.727 | 6.758 | VV | 420    | 7290   | 0.09% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.775 | 6.758 | 6.783 | VV | 622    | 8393   | 0.10% | 0.003% |
| 72 | 6.802 | 6.783 | 6.838 | VV | 1136   | 22674  | 0.26% | 0.007% |
| 73 | 6.854 | 6.838 | 6.908 | VV | 1453   | 25204  | 0.29% | 0.008% |
| 74 | 6.928 | 6.908 | 6.958 | VV | 784    | 14766  | 0.17% | 0.005% |
| 75 | 6.970 | 6.958 | 6.984 | VV | 321    | 3937   | 0.05% | 0.001% |
|    |       |       |       |    |        |        |       |        |
| 76 | 7.007 | 6.984 | 7.027 | VV | 868    | 11719  | 0.14% | 0.004% |
| 77 | 7.057 | 7.027 | 7.117 | VV | 776    | 18717  | 0.22% | 0.006% |
| 78 | 7.140 | 7.117 | 7.157 | VV | 529    | 6909   | 0.08% | 0.002% |
| 79 | 7.185 | 7.157 | 7.216 | PV | 1975   | 34747  | 0.41% | 0.011% |
| 80 | 7.236 | 7.216 | 7.251 | VV | 1469   | 23058  | 0.27% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.267 | 7.251 | 7.288 | VV | 1775   | 27180  | 0.32% | 0.008% |
| 82 | 7.304 | 7.288 | 7.321 | VV | 1227   | 20825  | 0.24% | 0.006% |
| 83 | 7.336 | 7.321 | 7.353 | VV | 1847   | 26694  | 0.31% | 0.008% |
| 84 | 7.400 | 7.353 | 7.417 | VV | 2264   | 67014  | 0.78% | 0.021% |
| 85 | 7.449 | 7.417 | 7.464 | VV | 2355   | 58126  | 0.68% | 0.018% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.498 | 7.464 | 7.544 | VV | 11912  | 171995 | 2.01% | 0.053% |
| 87 | 7.578 | 7.544 | 7.614 | VV | 1457   | 44336  | 0.52% | 0.014% |
| 88 | 7.637 | 7.614 | 7.662 | VV | 13828  | 140994 | 1.65% | 0.044% |
| 89 | 7.674 | 7.662 | 7.690 | VV | 874    | 11902  | 0.14% | 0.004% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.701  | 7.690  | 7.719  | VV | 773    | 10139   | 0.12%  | 0.003% |
| 91  | 7.732  | 7.719  | 7.746  | VV | 634    | 7942    | 0.09%  | 0.002% |
| 92  | 7.764  | 7.746  | 7.777  | VV | 721    | 11150   | 0.13%  | 0.003% |
| 93  | 7.804  | 7.777  | 7.841  | VV | 2300   | 45036   | 0.53%  | 0.014% |
| 94  | 7.859  | 7.841  | 7.914  | VV | 844    | 24217   | 0.28%  | 0.007% |
| 95  | 7.940  | 7.914  | 7.956  | VV | 358    | 7608    | 0.09%  | 0.002% |
| 96  | 7.984  | 7.956  | 8.013  | VV | 1009   | 19024   | 0.22%  | 0.006% |
| 97  | 8.035  | 8.013  | 8.051  | VV | 436    | 8264    | 0.10%  | 0.003% |
| 98  | 8.240  | 8.191  | 8.254  | VV | 3462   | 72584   | 0.85%  | 0.022% |
| 99  | 8.264  | 8.254  | 8.316  | VV | 2643   | 50380   | 0.59%  | 0.016% |
| 100 | 8.341  | 8.316  | 8.359  | VV | 1161   | 18279   | 0.21%  | 0.006% |
| 101 | 8.401  | 8.359  | 8.454  | VV | 4526   | 145790  | 1.70%  | 0.045% |
| 102 | 8.470  | 8.454  | 8.480  | VV | 2347   | 32195   | 0.38%  | 0.010% |
| 103 | 8.515  | 8.480  | 8.557  | VV | 8838   | 220622  | 2.57%  | 0.068% |
| 104 | 8.576  | 8.557  | 8.592  | VV | 2385   | 38757   | 0.45%  | 0.012% |
| 105 | 8.620  | 8.592  | 8.636  | VV | 19621  | 228406  | 2.67%  | 0.070% |
| 106 | 8.649  | 8.636  | 8.661  | VV | 11420  | 114806  | 1.34%  | 0.035% |
| 107 | 8.677  | 8.661  | 8.726  | VV | 17871  | 287098  | 3.35%  | 0.089% |
| 108 | 8.736  | 8.726  | 8.753  | VV | 1410   | 20116   | 0.23%  | 0.006% |
| 109 | 8.809  | 8.753  | 8.881  | VV | 104135 | 1501596 | 17.52% | 0.463% |
| 110 | 8.899  | 8.881  | 8.934  | VV | 6709   | 93599   | 1.09%  | 0.029% |
| 111 | 8.947  | 8.934  | 8.974  | VV | 1074   | 21589   | 0.25%  | 0.007% |
| 112 | 9.053  | 9.045  | 9.080  | VV | 4136   | 64962   | 0.76%  | 0.020% |
| 113 | 9.108  | 9.080  | 9.133  | VV | 17619  | 217076  | 2.53%  | 0.067% |
| 114 | 9.157  | 9.133  | 9.211  | VV | 6803   | 177802  | 2.07%  | 0.055% |
| 115 | 9.228  | 9.211  | 9.254  | VV | 5062   | 82829   | 0.97%  | 0.026% |
| 116 | 9.272  | 9.254  | 9.291  | VV | 2863   | 44319   | 0.52%  | 0.014% |
| 117 | 9.300  | 9.291  | 9.314  | VV | 1804   | 21710   | 0.25%  | 0.007% |
| 118 | 9.348  | 9.314  | 9.367  | VV | 7225   | 120221  | 1.40%  | 0.037% |
| 119 | 9.384  | 9.367  | 9.406  | VV | 10223  | 118913  | 1.39%  | 0.037% |
| 120 | 9.426  | 9.406  | 9.448  | VV | 5559   | 90918   | 1.06%  | 0.028% |
| 121 | 9.473  | 9.448  | 9.494  | VV | 4258   | 82492   | 0.96%  | 0.025% |
| 122 | 9.521  | 9.494  | 9.542  | VV | 13704  | 167464  | 1.95%  | 0.052% |
| 123 | 9.562  | 9.542  | 9.597  | VV | 12067  | 161181  | 1.88%  | 0.050% |
| 124 | 9.620  | 9.597  | 9.649  | VV | 7644   | 105389  | 1.23%  | 0.033% |
| 125 | 9.679  | 9.649  | 9.696  | VV | 11769  | 149344  | 1.74%  | 0.046% |
| 126 | 9.711  | 9.696  | 9.731  | VV | 10753  | 114511  | 1.34%  | 0.035% |
| 127 | 9.766  | 9.731  | 9.785  | VV | 16226  | 217576  | 2.54%  | 0.067% |
| 128 | 9.817  | 9.785  | 9.837  | VV | 9418   | 155872  | 1.82%  | 0.048% |
| 129 | 9.861  | 9.837  | 9.880  | VV | 12325  | 158905  | 1.85%  | 0.049% |
| 130 | 9.901  | 9.880  | 9.956  | VV | 30800  | 521619  | 6.09%  | 0.161% |
| 131 | 9.981  | 9.956  | 10.011 | VV | 8890   | 151318  | 1.77%  | 0.047% |
| 132 | 10.049 | 10.011 | 10.070 | VV | 16688  | 269013  | 3.14%  | 0.083% |
| 133 | 10.080 | 10.070 | 10.095 | VV | 5606   | 64766   | 0.76%  | 0.020% |
| 134 | 10.113 | 10.095 | 10.134 | VV | 6806   | 102621  | 1.20%  | 0.032% |
| 135 | 10.178 | 10.134 | 10.202 | VV | 45779  | 616386  | 7.19%  | 0.190% |
| 136 | 10.224 | 10.202 | 10.252 | VV | 10151  | 171640  | 2.00%  | 0.053% |
| 137 | 10.275 | 10.252 | 10.287 | VV | 3804   | 66502   | 0.78%  | 0.021% |
| 138 | 10.306 | 10.287 | 10.317 | VV | 8757   | 110081  | 1.28%  | 0.034% |
| 139 | 10.326 | 10.317 | 10.339 | VV | 8535   | 94142   | 1.10%  | 0.029% |
| 140 | 10.348 | 10.339 | 10.373 | VV | 7077   | 86889   | 1.01%  | 0.027% |
| 141 | 10.391 | 10.373 | 10.408 | VV | 2940   | 47798   | 0.56%  | 0.015% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.415 | 10.408 | 10.451 | VV | 2369   | 42448   | 0.50%  | 0.013% |
| 143 | 10.487 | 10.451 | 10.512 | VV | 3874   | 68168   | 0.80%  | 0.021% |
| 144 | 10.526 | 10.512 | 10.548 | VV | 1928   | 23241   | 0.27%  | 0.007% |
| 145 | 10.599 | 10.548 | 10.630 | PV | 2484   | 59455   | 0.69%  | 0.018% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.654 | 10.630 | 10.680 | VV | 15997  | 205459  | 2.40%  | 0.063% |
| 147 | 10.698 | 10.680 | 10.719 | VV | 4704   | 62570   | 0.73%  | 0.019% |
| 148 | 10.759 | 10.719 | 10.771 | VV | 10787  | 177447  | 2.07%  | 0.055% |
| 149 | 10.789 | 10.771 | 10.813 | VV | 19710  | 269804  | 3.15%  | 0.083% |
| 150 | 10.832 | 10.813 | 10.867 | VV | 15902  | 212209  | 2.48%  | 0.065% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.909 | 10.867 | 10.941 | VV | 15150  | 299470  | 3.49%  | 0.092% |
| 152 | 10.964 | 10.941 | 11.014 | VV | 13436  | 284460  | 3.32%  | 0.088% |
| 153 | 11.048 | 11.014 | 11.063 | VV | 12054  | 212393  | 2.48%  | 0.066% |
| 154 | 11.078 | 11.063 | 11.094 | VV | 11017  | 141223  | 1.65%  | 0.044% |
| 155 | 11.118 | 11.094 | 11.154 | VV | 25743  | 390455  | 4.56%  | 0.120% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.187 | 11.154 | 11.199 | VV | 4387   | 85106   | 0.99%  | 0.026% |
| 157 | 11.210 | 11.199 | 11.228 | VV | 4813   | 57531   | 0.67%  | 0.018% |
| 158 | 11.243 | 11.228 | 11.265 | VV | 2473   | 44286   | 0.52%  | 0.014% |
| 159 | 11.317 | 11.265 | 11.356 | VV | 201734 | 2237884 | 26.12% | 0.690% |
| 160 | 11.393 | 11.356 | 11.434 | VV | 111966 | 1344495 | 15.69% | 0.415% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.444 | 11.434 | 11.460 | VV | 4916   | 61487   | 0.72%  | 0.019% |
| 162 | 11.472 | 11.460 | 11.492 | VV | 3404   | 45957   | 0.54%  | 0.014% |
| 163 | 11.501 | 11.492 | 11.514 | VV | 1915   | 19609   | 0.23%  | 0.006% |
| 164 | 11.526 | 11.514 | 11.543 | VV | 1279   | 13591   | 0.16%  | 0.004% |
| 165 | 11.564 | 11.543 | 11.583 | PV | 2401   | 27666   | 0.32%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.606 | 11.583 | 11.647 | VV | 15482  | 260432  | 3.04%  | 0.080% |
| 167 | 11.680 | 11.647 | 11.697 | VV | 6534   | 123228  | 1.44%  | 0.038% |
| 168 | 11.714 | 11.697 | 11.733 | VV | 6993   | 114356  | 1.33%  | 0.035% |
| 169 | 11.753 | 11.733 | 11.776 | VV | 10872  | 168108  | 1.96%  | 0.052% |
| 170 | 11.811 | 11.776 | 11.821 | VV | 9418   | 160339  | 1.87%  | 0.049% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.845 | 11.821 | 11.885 | VV | 27859  | 438507  | 5.12%  | 0.135% |
| 172 | 11.916 | 11.885 | 11.938 | VV | 8489   | 128667  | 1.50%  | 0.040% |
| 173 | 11.973 | 11.938 | 11.993 | VV | 20090  | 283628  | 3.31%  | 0.088% |
| 174 | 12.013 | 11.993 | 12.035 | VV | 7168   | 108377  | 1.26%  | 0.033% |
| 175 | 12.086 | 12.035 | 12.109 | VV | 617887 | 6720470 | 78.43% | 2.074% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.125 | 12.109 | 12.140 | VV | 63520  | 718389  | 8.38%  | 0.222% |
| 177 | 12.156 | 12.140 | 12.196 | VV | 77619  | 841657  | 9.82%  | 0.260% |
| 178 | 12.242 | 12.196 | 12.258 | VV | 50666  | 970565  | 11.33% | 0.299% |
| 179 | 12.275 | 12.258 | 12.289 | VV | 47795  | 563103  | 6.57%  | 0.174% |
| 180 | 12.306 | 12.289 | 12.334 | VV | 64947  | 770352  | 8.99%  | 0.238% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.346 | 12.334 | 12.354 | VV | 632    | 3841    | 0.04%  | 0.001% |
| 182 | 12.373 | 12.354 | 12.396 | PV | 5464   | 75662   | 0.88%  | 0.023% |
| 183 | 12.427 | 12.396 | 12.451 | VV | 10374  | 174712  | 2.04%  | 0.054% |
| 184 | 12.486 | 12.451 | 12.502 | VV | 15050  | 211590  | 2.47%  | 0.065% |
| 185 | 12.523 | 12.502 | 12.552 | VV | 12404  | 221947  | 2.59%  | 0.068% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.561 | 12.552 | 12.571 | VV | 1646   | 13656   | 0.16%  | 0.004% |
| 187 | 12.596 | 12.571 | 12.615 | VV | 23450  | 282650  | 3.30%  | 0.087% |
| 188 | 12.629 | 12.615 | 12.643 | VV | 10503  | 121885  | 1.42%  | 0.038% |
| 189 | 12.674 | 12.643 | 12.720 | VV | 34044  | 547925  | 6.39%  | 0.169% |
| 190 | 12.743 | 12.720 | 12.757 | VV | 6517   | 93910   | 1.10%  | 0.029% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.775 | 12.757 | 12.791 | VV | 9762   | 130674  | 1.52%  | 0.040% |
| 192 | 12.808 | 12.791 | 12.819 | VV | 9130   | 111373  | 1.30%  | 0.034% |
| 193 | 12.828 | 12.819 | 12.837 | VV | 7725   | 77714   | 0.91%  | 0.024% |
| 194 | 12.849 | 12.837 | 12.858 | VV | 8886   | 97385   | 1.14%  | 0.030% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 12.874 | 12.858 | 12.901 | VV | 12245  | 212721  | 2.48%  | 0.066% |
| 196 | 12.919 | 12.901 | 12.959 | VV | 29796  | 505535  | 5.90%  | 0.156% |
| 197 | 12.983 | 12.959 | 13.008 | PV | 23993  | 371789  | 4.34%  | 0.115% |
| 198 | 13.031 | 13.008 | 13.049 | VV | 73220  | 934764  | 10.91% | 0.288% |
| 199 | 13.067 | 13.049 | 13.085 | VV | 42237  | 659027  | 7.69%  | 0.203% |
| 200 | 13.094 | 13.085 | 13.114 | VV | 25351  | 309835  | 3.62%  | 0.096% |
| 201 | 13.151 | 13.114 | 13.194 | VV | 336025 | 4005795 | 46.75% | 1.236% |
| 202 | 13.211 | 13.194 | 13.227 | VV | 2123   | 23904   | 0.28%  | 0.007% |
| 203 | 13.248 | 13.227 | 13.260 | PV | 7799   | 94209   | 1.10%  | 0.029% |
| 204 | 13.286 | 13.260 | 13.319 | VV | 46286  | 768640  | 8.97%  | 0.237% |
| 205 | 13.338 | 13.319 | 13.372 | VV | 24378  | 491831  | 5.74%  | 0.152% |
| 206 | 13.393 | 13.372 | 13.422 | VV | 18042  | 323505  | 3.78%  | 0.100% |
| 207 | 13.453 | 13.422 | 13.487 | VV | 348849 | 3936344 | 45.94% | 1.215% |
| 208 | 13.523 | 13.487 | 13.567 | VV | 468512 | 5856876 | 68.35% | 1.807% |
| 209 | 13.582 | 13.567 | 13.604 | VV | 6467   | 113718  | 1.33%  | 0.035% |
| 210 | 13.621 | 13.604 | 13.638 | VV | 11968  | 162608  | 1.90%  | 0.050% |
| 211 | 13.653 | 13.638 | 13.670 | VV | 11040  | 138229  | 1.61%  | 0.043% |
| 212 | 13.686 | 13.670 | 13.700 | VV | 8698   | 97119   | 1.13%  | 0.030% |
| 213 | 13.719 | 13.700 | 13.760 | VV | 18186  | 417211  | 4.87%  | 0.129% |
| 214 | 13.781 | 13.760 | 13.814 | VV | 24049  | 366001  | 4.27%  | 0.113% |
| 215 | 13.845 | 13.814 | 13.859 | VV | 17042  | 234182  | 2.73%  | 0.072% |
| 216 | 13.873 | 13.859 | 13.888 | VV | 15998  | 224265  | 2.62%  | 0.069% |
| 217 | 13.911 | 13.888 | 13.937 | VV | 38676  | 613567  | 7.16%  | 0.189% |
| 218 | 13.949 | 13.937 | 13.984 | VV | 8842   | 154957  | 1.81%  | 0.048% |
| 219 | 14.041 | 13.984 | 14.084 | VV | 88787  | 1610681 | 18.80% | 0.497% |
| 220 | 14.106 | 14.084 | 14.124 | VV | 10576  | 183896  | 2.15%  | 0.057% |
| 221 | 14.150 | 14.124 | 14.170 | VV | 49407  | 664071  | 7.75%  | 0.205% |
| 222 | 14.191 | 14.170 | 14.214 | VV | 55074  | 707241  | 8.25%  | 0.218% |
| 223 | 14.229 | 14.214 | 14.250 | VV | 12387  | 208352  | 2.43%  | 0.064% |
| 224 | 14.273 | 14.250 | 14.289 | VV | 29722  | 418111  | 4.88%  | 0.129% |
| 225 | 14.321 | 14.289 | 14.342 | VV | 56321  | 885245  | 10.33% | 0.273% |
| 226 | 14.361 | 14.342 | 14.387 | VV | 49182  | 589631  | 6.88%  | 0.182% |
| 227 | 14.414 | 14.387 | 14.455 | VV | 7352   | 204422  | 2.39%  | 0.063% |
| 228 | 14.516 | 14.455 | 14.534 | PV | 5892   | 160694  | 1.88%  | 0.050% |
| 229 | 14.548 | 14.534 | 14.583 | VV | 2630   | 46036   | 0.54%  | 0.014% |
| 230 | 14.628 | 14.583 | 14.643 | PV | 5621   | 87840   | 1.03%  | 0.027% |
| 231 | 14.672 | 14.643 | 14.695 | VV | 7565   | 155982  | 1.82%  | 0.048% |
| 232 | 14.746 | 14.695 | 14.763 | VV | 21483  | 480179  | 5.60%  | 0.148% |
| 233 | 14.780 | 14.763 | 14.817 | VV | 28060  | 474312  | 5.54%  | 0.146% |
| 234 | 14.842 | 14.817 | 14.864 | VV | 18818  | 342762  | 4.00%  | 0.106% |
| 235 | 14.883 | 14.864 | 14.930 | VV | 20335  | 502068  | 5.86%  | 0.155% |
| 236 | 14.961 | 14.930 | 14.979 | VV | 41006  | 671679  | 7.84%  | 0.207% |
| 237 | 14.987 | 14.979 | 15.001 | VV | 19256  | 217701  | 2.54%  | 0.067% |
| 238 | 15.024 | 15.001 | 15.046 | VV | 66122  | 933375  | 10.89% | 0.288% |
| 239 | 15.086 | 15.046 | 15.113 | VV | 31275  | 651902  | 7.61%  | 0.201% |
| 240 | 15.145 | 15.113 | 15.167 | VV | 14100  | 242356  | 2.83%  | 0.075% |
| 241 | 15.207 | 15.167 | 15.250 | VV | 18167  | 491675  | 5.74%  | 0.152% |
| 242 | 15.292 | 15.250 | 15.309 | PV | 33447  | 430532  | 5.02%  | 0.133% |
| 243 | 15.339 | 15.309 | 15.360 | VV | 194090 | 2484059 | 28.99% | 0.766% |
| 244 | 15.381 | 15.360 | 15.408 | VV | 212397 | 2463326 | 28.75% | 0.760% |
| 245 | 15.426 | 15.408 | 15.448 | VV | 10281  | 158292  | 1.85%  | 0.049% |
| 246 | 15.499 | 15.448 | 15.557 | VV | 59734  | 1378036 | 16.08% | 0.425% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.575 | 15.557 | 15.606 | VV | 15804  | 260344  | 3.04%  | 0.080% |
| 248    | 15.644 | 15.606 | 15.671 | PV | 23372  | 468833  | 5.47%  | 0.145% |
| 249    | 15.695 | 15.671 | 15.744 | VV | 18090  | 447297  | 5.22%  | 0.138% |
| 250    | 15.772 | 15.744 | 15.863 | VV | 33231  | 1030163 | 12.02% | 0.318% |
|        |        |        |        |    |        |         |        |        |
| 251    | 15.905 | 15.863 | 15.946 | VV | 15785  | 367996  | 4.29%  | 0.114% |
| 252    | 15.971 | 15.946 | 15.988 | VV | 16695  | 269059  | 3.14%  | 0.083% |
| 253    | 16.014 | 15.988 | 16.034 | VV | 75717  | 1011631 | 11.81% | 0.312% |
| 254    | 16.052 | 16.034 | 16.081 | VV | 36325  | 507236  | 5.92%  | 0.157% |
| 255    | 16.101 | 16.081 | 16.114 | VV | 16671  | 226469  | 2.64%  | 0.070% |
|        |        |        |        |    |        |         |        |        |
| 256    | 16.175 | 16.114 | 16.208 | VV | 45962  | 1384062 | 16.15% | 0.427% |
| 257    | 16.252 | 16.208 | 16.272 | VV | 15936  | 324851  | 3.79%  | 0.100% |
| 258    | 16.299 | 16.272 | 16.312 | VV | 5842   | 104120  | 1.22%  | 0.032% |
| 259    | 16.335 | 16.312 | 16.354 | VV | 11927  | 197276  | 2.30%  | 0.061% |
| 260    | 16.372 | 16.354 | 16.388 | VV | 10207  | 160334  | 1.87%  | 0.049% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.407 | 16.388 | 16.425 | VV | 19553  | 289489  | 3.38%  | 0.089% |
| 262    | 16.443 | 16.425 | 16.471 | VV | 17519  | 275915  | 3.22%  | 0.085% |
| 263    | 16.483 | 16.471 | 16.499 | VV | 5781   | 69110   | 0.81%  | 0.021% |
| 264    | 16.514 | 16.499 | 16.527 | VV | 4169   | 50400   | 0.59%  | 0.016% |
| 265    | 16.545 | 16.527 | 16.560 | VV | 3755   | 45986   | 0.54%  | 0.014% |
|        |        |        |        |    |        |         |        |        |
| 266    | 16.621 | 16.560 | 16.669 | PV | 16264  | 540646  | 6.31%  | 0.167% |
| 267    | 16.718 | 16.669 | 16.741 | VV | 21830  | 630432  | 7.36%  | 0.195% |
| 268    | 16.787 | 16.741 | 16.799 | VV | 20685  | 502412  | 5.86%  | 0.155% |
| 269    | 16.818 | 16.799 | 16.858 | VV | 26590  | 659904  | 7.70%  | 0.204% |
| 270    | 16.911 | 16.858 | 16.964 | VV | 240338 | 5022898 | 58.62% | 1.550% |
|        |        |        |        |    |        |         |        |        |
| 271    | 17.040 | 16.964 | 17.061 | VV | 78138  | 1487891 | 17.36% | 0.459% |
| 272    | 17.070 | 17.061 | 17.086 | VV | 20921  | 274580  | 3.20%  | 0.085% |
| 273    | 17.096 | 17.086 | 17.111 | VV | 17902  | 233675  | 2.73%  | 0.072% |
| 274    | 17.128 | 17.111 | 17.142 | VV | 16691  | 274703  | 3.21%  | 0.085% |
| 275    | 17.165 | 17.142 | 17.174 | VV | 19622  | 307405  | 3.59%  | 0.095% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.234 | 17.174 | 17.262 | VV | 177473 | 3451772 | 40.28% | 1.065% |
| 277    | 17.294 | 17.262 | 17.326 | VV | 228324 | 3219646 | 37.57% | 0.993% |
| 278    | 17.362 | 17.326 | 17.373 | VV | 35896  | 708773  | 8.27%  | 0.219% |
| 279    | 17.394 | 17.373 | 17.418 | VV | 90695  | 1406988 | 16.42% | 0.434% |
| 280    | 17.438 | 17.418 | 17.471 | VV | 34433  | 809876  | 9.45%  | 0.250% |
|        |        |        |        |    |        |         |        |        |
| 281    | 17.544 | 17.471 | 17.573 | VV | 40477  | 1839997 | 21.47% | 0.568% |
| 282    | 17.596 | 17.573 | 17.614 | VV | 34890  | 718620  | 8.39%  | 0.222% |
| 283    | 17.654 | 17.614 | 17.685 | VV | 57360  | 1881260 | 21.95% | 0.580% |
| 284    | 17.694 | 17.685 | 17.716 | VV | 46783  | 711618  | 8.30%  | 0.220% |
| 285    | 17.811 | 17.716 | 17.841 | VV | 70202  | 3022807 | 35.28% | 0.933% |
|        |        |        |        |    |        |         |        |        |
| 286    | 17.875 | 17.841 | 17.893 | VV | 43456  | 1064932 | 12.43% | 0.329% |
| 287    | 17.905 | 17.893 | 17.923 | VV | 42118  | 633609  | 7.39%  | 0.195% |
| 288    | 17.954 | 17.923 | 17.983 | VV | 64543  | 1628039 | 19.00% | 0.502% |
| 289    | 18.001 | 17.983 | 18.028 | VV | 42995  | 949056  | 11.08% | 0.293% |
| 290    | 18.084 | 18.028 | 18.120 | VV | 35599  | 1724050 | 20.12% | 0.532% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.166 | 18.120 | 18.188 | VV | 39395  | 1390907 | 16.23% | 0.429% |
| 292    | 18.253 | 18.188 | 18.307 | VV | 72123  | 3485596 | 40.68% | 1.075% |
| 293    | 18.356 | 18.307 | 18.374 | VV | 47684  | 1712429 | 19.98% | 0.528% |
| 294    | 18.395 | 18.374 | 18.403 | VV | 57200  | 913440  | 10.66% | 0.282% |
| 295    | 18.423 | 18.403 | 18.496 | VV | 85747  | 3548744 | 41.41% | 1.095% |
|        |        |        |        |    |        |         |        |        |
| 296    | 18.522 | 18.496 | 18.547 | VV | 57828  | 1530256 | 17.86% | 0.472% |
| 297    | 18.579 | 18.547 | 18.601 | VV | 92958  | 2175196 | 25.38% | 0.671% |
| 298    | 18.617 | 18.601 | 18.641 | VV | 66985  | 1449860 | 16.92% | 0.447% |
| 299    | 18.675 | 18.641 | 18.700 | VV | 210611 | 4129977 | 48.20% | 1.274% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 300    | 18.712 | 18.700 | 18.737 | VV | 74424  | 1480133 | 17.27%  | 0.457% |
| 301    | 18.753 | 18.737 | 18.770 | VV | 66836  | 1201919 | 14.03%  | 0.371% |
| 302    | 18.796 | 18.770 | 18.819 | VV | 109327 | 2629290 | 30.68%  | 0.811% |
| 303    | 18.836 | 18.819 | 18.892 | VV | 94094  | 3278539 | 38.26%  | 1.012% |
| 304    | 18.935 | 18.892 | 18.964 | VV | 208834 | 4566282 | 53.29%  | 1.409% |
| 305    | 18.970 | 18.964 | 18.984 | VV | 68525  | 789741  | 9.22%   | 0.244% |
| 306    | 19.013 | 18.984 | 19.031 | VV | 75844  | 1934864 | 22.58%  | 0.597% |
| 307    | 19.064 | 19.031 | 19.134 | VV | 108938 | 4956060 | 57.84%  | 1.529% |
| 308    | 19.155 | 19.134 | 19.164 | VV | 67105  | 1105471 | 12.90%  | 0.341% |
| 309    | 19.213 | 19.164 | 19.232 | VV | 90346  | 3064359 | 35.76%  | 0.945% |
| 310    | 19.258 | 19.232 | 19.304 | VV | 87089  | 3389379 | 39.55%  | 1.046% |
| 311    | 19.361 | 19.304 | 19.381 | VV | 89773  | 3532800 | 41.23%  | 1.090% |
| 312    | 19.398 | 19.381 | 19.421 | VV | 81486  | 1852635 | 21.62%  | 0.572% |
| 313    | 19.451 | 19.421 | 19.470 | VV | 95354  | 2593739 | 30.27%  | 0.800% |
| 314    | 19.490 | 19.470 | 19.528 | VV | 101576 | 3091031 | 36.07%  | 0.954% |
| 315    | 19.541 | 19.528 | 19.570 | VV | 96354  | 2258762 | 26.36%  | 0.697% |
| 316    | 19.609 | 19.570 | 19.671 | VV | 108715 | 5454534 | 63.65%  | 1.683% |
| 317    | 19.692 | 19.671 | 19.701 | VV | 86932  | 1533898 | 17.90%  | 0.473% |
| 318    | 19.735 | 19.701 | 19.755 | VV | 89924  | 2804706 | 32.73%  | 0.865% |
| 319    | 19.780 | 19.755 | 19.789 | VV | 91685  | 1847348 | 21.56%  | 0.570% |
| 320    | 19.801 | 19.789 | 19.828 | VV | 92177  | 2029262 | 23.68%  | 0.626% |
| 321    | 19.875 | 19.828 | 19.907 | VV | 117524 | 4623015 | 53.95%  | 1.426% |
| 322    | 19.927 | 19.907 | 19.947 | VV | 108950 | 2489748 | 29.06%  | 0.768% |
| 323    | 19.957 | 19.947 | 19.968 | VV | 101092 | 1206095 | 14.08%  | 0.372% |
| 324    | 19.992 | 19.968 | 20.001 | VV | 105248 | 2021635 | 23.59%  | 0.624% |
| 325    | 20.019 | 20.001 | 20.040 | VV | 112972 | 2504121 | 29.22%  | 0.773% |
| 326    | 20.051 | 20.040 | 20.064 | VV | 105054 | 1506999 | 17.59%  | 0.465% |
| 327    | 20.090 | 20.064 | 20.127 | VV | 141497 | 4612721 | 53.83%  | 1.423% |
| 328    | 20.162 | 20.127 | 20.198 | VV | 148999 | 5516056 | 64.37%  | 1.702% |
| 329    | 20.249 | 20.198 | 20.301 | VV | 163113 | 7986932 | 93.21%  | 2.464% |
| 330    | 20.311 | 20.301 | 20.342 | VV | 127722 | 2981515 | 34.79%  | 0.920% |
| 331    | 20.380 | 20.342 | 20.400 | VV | 124840 | 4161346 | 48.56%  | 1.284% |
| 332    | 20.474 | 20.400 | 20.506 | VV | 162351 | 8568910 | 100.00% | 2.644% |
| 333    | 20.544 | 20.506 | 20.590 | VV | 154686 | 7054791 | 82.33%  | 2.177% |
| 334    | 20.619 | 20.590 | 20.641 | VV | 154156 | 4239277 | 49.47%  | 1.308% |
| 335    | 20.662 | 20.641 | 20.671 | VV | 135552 | 2384897 | 27.83%  | 0.736% |
| 336    | 20.706 | 20.671 | 20.738 | VV | 153556 | 5648259 | 65.92%  | 1.743% |
| 337    | 20.755 | 20.738 | 20.764 | VV | 140857 | 2139109 | 24.96%  | 0.660% |
| 338    | 20.784 | 20.764 | 20.810 | VV | 137836 | 3622543 | 42.28%  | 1.118% |
| 339    | 20.822 | 20.810 | 20.833 | VV | 128742 | 1783169 | 20.81%  | 0.550% |
| 340    | 20.851 | 20.833 | 20.873 | VV | 133751 | 3009257 | 35.12%  | 0.928% |
| 341    | 20.896 | 20.873 | 20.938 | VV | 124382 | 4611613 | 53.82%  | 1.423% |
| 342    | 20.990 | 20.938 | 21.040 | VV | 133435 | 7349054 | 85.76%  | 2.267% |
| 343    | 21.062 | 21.040 | 21.088 | VV | 116037 | 3196292 | 37.30%  | 0.986% |
| 344    | 21.095 | 21.088 | 21.117 | VV | 108676 | 1856703 | 21.67%  | 0.573% |
| 345    | 21.137 | 21.117 | 21.191 | VV | 109531 | 4507262 | 52.60%  | 1.391% |
| 346    | 21.209 | 21.191 | 21.232 | VV | 101315 | 2385734 | 27.84%  | 0.736% |
| 347    | 21.267 | 21.232 | 21.294 | VV | 107606 | 3740460 | 43.65%  | 1.154% |
| 348    | 21.308 | 21.294 | 21.327 | VV | 99738  | 1902421 | 22.20%  | 0.587% |
| 349    | 21.341 | 21.327 | 21.363 | VV | 95973  | 1977032 | 23.07%  | 0.610% |
| 350    | 21.393 | 21.363 | 21.459 | VV | 97228  | 4901466 | 57.20%  | 1.512% |
| 351    | 21.467 | 21.459 | 21.506 | VV | 73959  | 1913329 | 22.33%  | 0.590% |

|     |        |        |        |    |       |                         |           |        |
|-----|--------|--------|--------|----|-------|-------------------------|-----------|--------|
|     |        |        |        |    |       | rteres                  |           |        |
| 352 | 21.545 | 21.506 | 21.555 | VV | 68337 | 1943739                 | 22.68%    | 0.600% |
| 353 | 21.562 | 21.555 | 21.584 | VV | 66990 | 1140083                 | 13.30%    | 0.352% |
| 354 | 21.611 | 21.584 | 21.631 | VV | 71220 | 1883622                 | 21.98%    | 0.581% |
| 355 | 21.650 | 21.631 | 21.684 | VV | 69484 | 2006491                 | 23.42%    | 0.619% |
| 356 | 21.694 | 21.684 | 21.713 | VV | 62839 | 1016341                 | 11.86%    | 0.314% |
| 357 | 21.741 | 21.713 | 21.811 | VV | 57974 | 3120502                 | 36.42%    | 0.963% |
| 358 | 21.866 | 21.811 | 21.898 | VV | 57702 | 2558758                 | 29.86%    | 0.789% |
| 359 | 21.913 | 21.898 | 21.924 | VV | 44672 | 675025                  | 7.88%     | 0.208% |
| 360 | 21.932 | 21.924 | 22.064 | VV | 45644 | 3164426                 | 36.93%    | 0.976% |
| 361 | 22.070 | 22.064 | 22.080 | VV | 26709 | 236328                  | 2.76%     | 0.073% |
| 362 | 22.090 | 22.080 | 22.140 | VV | 24817 | 887926                  | 10.36%    | 0.274% |
| 363 | 22.149 | 22.140 | 22.215 | VV | 26560 | 949117                  | 11.08%    | 0.293% |
| 364 | 22.223 | 22.215 | 22.234 | VV | 16351 | 163068                  | 1.90%     | 0.050% |
| 365 | 22.247 | 22.234 | 22.260 | VV | 15919 | 212263                  | 2.48%     | 0.065% |
| 366 | 22.288 | 22.260 | 22.322 | VV | 17417 | 528328                  | 6.17%     | 0.163% |
| 367 | 22.396 | 22.322 | 22.458 | VV | 20821 | 1018399                 | 11.88%    | 0.314% |
|     |        |        |        |    |       | Sum of corrected areas: | 324112104 |        |

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