

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC083022AL\  
 Data File : FC061370.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Aug 2022 03:15  
 Sample : N4421-04  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 082222.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.373       | 3.345        | 3.385      | PV       | 3186           | 30323        | 0.05%          | 0.001%        |
| 2         | 3.422       | 3.385        | 3.432      | VV       | 15517          | 183133       | 0.31%          | 0.005%        |
| 3         | 3.445       | 3.432        | 3.461      | VV       | 25339          | 239982       | 0.40%          | 0.006%        |
| 4         | 3.472       | 3.461        | 3.508      | VV       | 6505           | 73503        | 0.12%          | 0.002%        |
| 5         | 3.552       | 3.508        | 3.566      | PV       | 20554          | 224035       | 0.37%          | 0.006%        |
| 6         | 3.576       | 3.566        | 3.591      | VV       | 13782          | 138998       | 0.23%          | 0.004%        |
| 7         | 3.624       | 3.591        | 3.656      | VV       | 16633          | 331935       | 0.55%          | 0.008%        |
| 8         | 3.694       | 3.656        | 3.724      | VV       | 42247          | 658403       | 1.10%          | 0.017%        |
| 9         | 3.753       | 3.724        | 3.771      | VV       | 18968          | 295418       | 0.49%          | 0.008%        |
| 10        | 3.798       | 3.771        | 3.842      | VV       | 58548          | 984348       | 1.64%          | 0.025%        |
| 11        | 3.870       | 3.842        | 3.906      | VV       | 50394          | 812823       | 1.35%          | 0.021%        |
| 12        | 3.922       | 3.906        | 3.950      | VV       | 20985          | 261552       | 0.44%          | 0.007%        |
| 13        | 3.970       | 3.950        | 3.988      | VV       | 51157          | 451291       | 0.75%          | 0.012%        |
| 14        | 4.014       | 3.988        | 4.062      | VV       | 38920          | 873017       | 1.45%          | 0.022%        |
| 15        | 4.090       | 4.062        | 4.107      | VV       | 29569          | 379275       | 0.63%          | 0.010%        |
| 16        | 4.123       | 4.107        | 4.140      | VV       | 28364          | 366045       | 0.61%          | 0.009%        |
| 17        | 4.158       | 4.140        | 4.174      | VV       | 36538          | 509479       | 0.85%          | 0.013%        |
| 18        | 4.190       | 4.174        | 4.211      | VV       | 41246          | 505085       | 0.84%          | 0.013%        |
| 19        | 4.273       | 4.211        | 4.286      | VV       | 50959          | 856311       | 1.43%          | 0.022%        |
| 20        | 4.301       | 4.286        | 4.325      | VV       | 64828          | 792238       | 1.32%          | 0.020%        |
| 21        | 4.339       | 4.325        | 4.376      | VV       | 29251          | 435745       | 0.73%          | 0.011%        |
| 22        | 4.410       | 4.376        | 4.428      | PV       | 41317          | 565107       | 0.94%          | 0.014%        |
| 23        | 4.452       | 4.428        | 4.471      | VV       | 31346          | 560862       | 0.93%          | 0.014%        |
| 24        | 4.490       | 4.471        | 4.547      | VV       | 37663          | 878540       | 1.46%          | 0.022%        |
| 25        | 4.564       | 4.547        | 4.592      | VV       | 29441          | 409178       | 0.68%          | 0.010%        |
| 26        | 4.608       | 4.592        | 4.625      | VV       | 10793          | 175109       | 0.29%          | 0.004%        |
| 27        | 4.656       | 4.625        | 4.678      | VV       | 41197          | 849376       | 1.42%          | 0.022%        |
| 28        | 4.694       | 4.678        | 4.708      | VV       | 69029          | 821465       | 1.37%          | 0.021%        |
| 29        | 4.718       | 4.708        | 4.729      | VV       | 45448          | 483003       | 0.80%          | 0.012%        |
| 30        | 4.746       | 4.729        | 4.763      | VV       | 137781         | 1411811      | 2.35%          | 0.036%        |
| 31        | 4.777       | 4.763        | 4.812      | VV       | 84301          | 1508793      | 2.51%          | 0.039%        |
| 32        | 4.824       | 4.812        | 4.840      | VV       | 58206          | 637117       | 1.06%          | 0.016%        |
| 33        | 4.865       | 4.840        | 4.882      | VV       | 68794          | 939307       | 1.57%          | 0.024%        |
| 34        | 4.904       | 4.882        | 4.927      | VV       | 124686         | 1605243      | 2.68%          | 0.041%        |
| 35        | 4.939       | 4.927        | 4.950      | VV       | 25494          | 299362       | 0.50%          | 0.008%        |
| 36        | 4.970       | 4.950        | 4.992      | VV       | 115368         | 1367130      | 2.28%          | 0.035%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.014 | 4.992 | 5.027 | VV | 39995  | 585406  | 0.98%  | 0.015% |
| 38     | 5.043 | 5.027 | 5.074 | VV | 46875  | 858589  | 1.43%  | 0.022% |
| 39     | 5.124 | 5.074 | 5.157 | VV | 62740  | 1536196 | 2.56%  | 0.039% |
| 40     | 5.187 | 5.157 | 5.200 | VV | 49325  | 748980  | 1.25%  | 0.019% |
|        |       |       |       |    |        |         |        |        |
| 41     | 5.215 | 5.200 | 5.223 | VV | 54136  | 563374  | 0.94%  | 0.014% |
| 42     | 5.234 | 5.223 | 5.275 | VV | 64201  | 1214446 | 2.02%  | 0.031% |
| 43     | 5.291 | 5.275 | 5.311 | VV | 30160  | 532053  | 0.89%  | 0.014% |
| 44     | 5.332 | 5.311 | 5.361 | VV | 81646  | 1516014 | 2.53%  | 0.039% |
| 45     | 5.389 | 5.361 | 5.405 | VV | 62785  | 1181399 | 1.97%  | 0.030% |
|        |       |       |       |    |        |         |        |        |
| 46     | 5.423 | 5.405 | 5.436 | VV | 64875  | 817752  | 1.36%  | 0.021% |
| 47     | 5.452 | 5.436 | 5.470 | VV | 68954  | 1056445 | 1.76%  | 0.027% |
| 48     | 5.480 | 5.470 | 5.505 | VV | 43295  | 712662  | 1.19%  | 0.018% |
| 49     | 5.527 | 5.505 | 5.541 | VV | 65482  | 1043068 | 1.74%  | 0.027% |
| 50     | 5.558 | 5.541 | 5.582 | VV | 129888 | 1651599 | 2.75%  | 0.042% |
|        |       |       |       |    |        |         |        |        |
| 51     | 5.599 | 5.582 | 5.634 | VV | 52847  | 1014269 | 1.69%  | 0.026% |
| 52     | 5.664 | 5.634 | 5.693 | VV | 43468  | 1322060 | 2.20%  | 0.034% |
| 53     | 5.716 | 5.693 | 5.750 | VV | 201704 | 2730048 | 4.55%  | 0.070% |
| 54     | 5.767 | 5.750 | 5.787 | VV | 52361  | 933099  | 1.55%  | 0.024% |
| 55     | 5.828 | 5.787 | 5.858 | VV | 134627 | 3188676 | 5.31%  | 0.081% |
|        |       |       |       |    |        |         |        |        |
| 56     | 5.875 | 5.858 | 5.907 | VV | 68064  | 1213473 | 2.02%  | 0.031% |
| 57     | 5.937 | 5.907 | 5.961 | VV | 70233  | 1474006 | 2.46%  | 0.038% |
| 58     | 5.982 | 5.961 | 6.007 | VV | 74767  | 1116931 | 1.86%  | 0.029% |
| 59     | 6.029 | 6.007 | 6.051 | VV | 94614  | 1586628 | 2.64%  | 0.041% |
| 60     | 6.082 | 6.051 | 6.106 | VV | 81587  | 1949245 | 3.25%  | 0.050% |
|        |       |       |       |    |        |         |        |        |
| 61     | 6.125 | 6.106 | 6.143 | VV | 72852  | 1162667 | 1.94%  | 0.030% |
| 62     | 6.182 | 6.143 | 6.198 | VV | 78841  | 1857232 | 3.09%  | 0.047% |
| 63     | 6.224 | 6.198 | 6.241 | VV | 87027  | 1658885 | 2.76%  | 0.042% |
| 64     | 6.259 | 6.241 | 6.288 | VV | 88887  | 1898080 | 3.16%  | 0.048% |
| 65     | 6.319 | 6.288 | 6.332 | VV | 82273  | 1724318 | 2.87%  | 0.044% |
|        |       |       |       |    |        |         |        |        |
| 66     | 6.347 | 6.332 | 6.370 | VV | 96970  | 1803127 | 3.00%  | 0.046% |
| 67     | 6.389 | 6.370 | 6.410 | VV | 130096 | 1972542 | 3.29%  | 0.050% |
| 68     | 6.441 | 6.410 | 6.457 | VV | 106084 | 2149985 | 3.58%  | 0.055% |
| 69     | 6.468 | 6.457 | 6.481 | VV | 83363  | 1069981 | 1.78%  | 0.027% |
| 70     | 6.504 | 6.481 | 6.519 | VV | 139328 | 2163775 | 3.61%  | 0.055% |
|        |       |       |       |    |        |         |        |        |
| 71     | 6.529 | 6.519 | 6.555 | VV | 79547  | 1422700 | 2.37%  | 0.036% |
| 72     | 6.571 | 6.555 | 6.586 | VV | 69393  | 1047188 | 1.75%  | 0.027% |
| 73     | 6.656 | 6.586 | 6.676 | VV | 385676 | 6763904 | 11.27% | 0.173% |
| 74     | 6.699 | 6.676 | 6.718 | VV | 155593 | 3010109 | 5.02%  | 0.077% |
| 75     | 6.727 | 6.718 | 6.758 | VV | 93375  | 1693681 | 2.82%  | 0.043% |
|        |       |       |       |    |        |         |        |        |
| 76     | 6.780 | 6.758 | 6.806 | VV | 122530 | 2461109 | 4.10%  | 0.063% |
| 77     | 6.832 | 6.806 | 6.858 | VV | 188844 | 3747441 | 6.24%  | 0.096% |
| 78     | 6.868 | 6.858 | 6.878 | VV | 89757  | 969880  | 1.62%  | 0.025% |
| 79     | 6.896 | 6.878 | 6.926 | VV | 107658 | 2539846 | 4.23%  | 0.065% |
| 80     | 6.966 | 6.926 | 6.990 | VV | 121161 | 3406768 | 5.68%  | 0.087% |
|        |       |       |       |    |        |         |        |        |
| 81     | 7.010 | 6.990 | 7.025 | VV | 169256 | 2662297 | 4.44%  | 0.068% |
| 82     | 7.033 | 7.025 | 7.049 | VV | 137703 | 1670631 | 2.78%  | 0.043% |
| 83     | 7.066 | 7.049 | 7.093 | VV | 157482 | 3010294 | 5.02%  | 0.077% |
| 84     | 7.112 | 7.093 | 7.151 | VV | 130517 | 3562870 | 5.94%  | 0.091% |
| 85     | 7.166 | 7.151 | 7.186 | VV | 131766 | 2112374 | 3.52%  | 0.054% |
|        |       |       |       |    |        |         |        |        |
| 86     | 7.211 | 7.186 | 7.252 | VV | 498034 | 8278793 | 13.80% | 0.212% |
| 87     | 7.267 | 7.252 | 7.285 | VV | 142641 | 2118562 | 3.53%  | 0.054% |
| 88     | 7.313 | 7.285 | 7.333 | VV | 213919 | 3906402 | 6.51%  | 0.100% |
| 89     | 7.355 | 7.333 | 7.374 | VV | 127251 | 2836807 | 4.73%  | 0.072% |

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|--------|-------|-------|-------|----|--------|----------|--------|--------|
| 90     | 7.399 | 7.374 | 7.414 | VV | 158477 | 3150671  | 5.25%  | 0.080% |
| 91     | 7.431 | 7.414 | 7.462 | VV | 208760 | 3919232  | 6.53%  | 0.100% |
| 92     | 7.482 | 7.462 | 7.505 | VV | 118025 | 2615303  | 4.36%  | 0.067% |
| 93     | 7.526 | 7.505 | 7.537 | VV | 129059 | 2170540  | 3.62%  | 0.055% |
| 94     | 7.551 | 7.537 | 7.580 | VV | 137674 | 3321650  | 5.54%  | 0.085% |
| 95     | 7.605 | 7.580 | 7.636 | VV | 266193 | 5633984  | 9.39%  | 0.144% |
| 96     | 7.644 | 7.636 | 7.673 | VV | 106336 | 2103804  | 3.51%  | 0.054% |
| 97     | 7.693 | 7.673 | 7.709 | VV | 117853 | 2155975  | 3.59%  | 0.055% |
| 98     | 7.732 | 7.709 | 7.753 | VV | 163908 | 3615970  | 6.03%  | 0.092% |
| 99     | 7.773 | 7.753 | 7.841 | VV | 231031 | 7351365  | 12.25% | 0.188% |
| 100    | 7.874 | 7.841 | 7.896 | VV | 166678 | 4669743  | 7.78%  | 0.119% |
| 101    | 7.909 | 7.896 | 7.929 | VV | 157018 | 2567530  | 4.28%  | 0.066% |
| 102    | 7.951 | 7.929 | 7.969 | VV | 154386 | 3012400  | 5.02%  | 0.077% |
| 103    | 8.001 | 7.969 | 8.023 | VV | 182508 | 4871367  | 8.12%  | 0.124% |
| 104    | 8.049 | 8.023 | 8.075 | VV | 211385 | 4775460  | 7.96%  | 0.122% |
| 105    | 8.125 | 8.075 | 8.146 | VV | 613288 | 10363275 | 17.27% | 0.265% |
| 106    | 8.178 | 8.146 | 8.198 | VV | 179507 | 4758535  | 7.93%  | 0.122% |
| 107    | 8.215 | 8.198 | 8.235 | VV | 209040 | 3576579  | 5.96%  | 0.091% |
| 108    | 8.259 | 8.235 | 8.277 | VV | 164614 | 3931588  | 6.55%  | 0.100% |
| 109    | 8.302 | 8.277 | 8.330 | VV | 286831 | 6178536  | 10.30% | 0.158% |
| 110    | 8.350 | 8.330 | 8.371 | VV | 226887 | 4134687  | 6.89%  | 0.106% |
| 111    | 8.396 | 8.371 | 8.430 | VV | 164260 | 5093107  | 8.49%  | 0.130% |
| 112    | 8.471 | 8.430 | 8.507 | VV | 281925 | 8653050  | 14.42% | 0.221% |
| 113    | 8.519 | 8.507 | 8.538 | VV | 156262 | 2680608  | 4.47%  | 0.068% |
| 114    | 8.552 | 8.538 | 8.561 | VV | 153297 | 2015742  | 3.36%  | 0.051% |
| 115    | 8.580 | 8.561 | 8.617 | VV | 190542 | 5456783  | 9.09%  | 0.139% |
| 116    | 8.631 | 8.617 | 8.640 | VV | 142840 | 1858151  | 3.10%  | 0.047% |
| 117    | 8.661 | 8.640 | 8.682 | VV | 278431 | 5216800  | 8.69%  | 0.133% |
| 118    | 8.694 | 8.682 | 8.736 | VV | 209099 | 5753906  | 9.59%  | 0.147% |
| 119    | 8.765 | 8.736 | 8.784 | VV | 304338 | 5821963  | 9.70%  | 0.149% |
| 120    | 8.799 | 8.784 | 8.810 | VV | 188778 | 2762917  | 4.60%  | 0.071% |
| 121    | 8.841 | 8.810 | 8.866 | VV | 814744 | 13502121 | 22.50% | 0.345% |
| 122    | 8.883 | 8.866 | 8.901 | VV | 184501 | 3499671  | 5.83%  | 0.089% |
| 123    | 8.920 | 8.901 | 8.941 | VV | 192427 | 3864086  | 6.44%  | 0.099% |
| 124    | 8.985 | 8.941 | 9.006 | VV | 226796 | 6842201  | 11.40% | 0.175% |
| 125    | 9.013 | 9.006 | 9.031 | VV | 158083 | 2313809  | 3.86%  | 0.059% |
| 126    | 9.064 | 9.031 | 9.086 | VV | 250864 | 6637067  | 11.06% | 0.170% |
| 127    | 9.123 | 9.086 | 9.178 | VV | 310094 | 11614422 | 19.35% | 0.297% |
| 128    | 9.207 | 9.178 | 9.231 | VV | 226916 | 5762702  | 9.60%  | 0.147% |
| 129    | 9.255 | 9.231 | 9.294 | VV | 165898 | 5700143  | 9.50%  | 0.146% |
| 130    | 9.358 | 9.294 | 9.375 | VV | 200568 | 7828046  | 13.04% | 0.200% |
| 131    | 9.385 | 9.375 | 9.393 | VV | 175280 | 1902985  | 3.17%  | 0.049% |
| 132    | 9.422 | 9.393 | 9.465 | VV | 188700 | 7475030  | 12.46% | 0.191% |
| 133    | 9.497 | 9.465 | 9.512 | VV | 399628 | 7341617  | 12.23% | 0.188% |
| 134    | 9.520 | 9.512 | 9.551 | VV | 298583 | 5431513  | 9.05%  | 0.139% |
| 135    | 9.575 | 9.551 | 9.600 | VV | 295885 | 6647136  | 11.08% | 0.170% |
| 136    | 9.628 | 9.600 | 9.640 | VV | 208557 | 4737291  | 7.89%  | 0.121% |
| 137    | 9.658 | 9.640 | 9.705 | VV | 282012 | 8079170  | 13.46% | 0.206% |
| 138    | 9.741 | 9.705 | 9.772 | VV | 171581 | 6413214  | 10.69% | 0.164% |
| 139    | 9.816 | 9.772 | 9.831 | VV | 192602 | 6011745  | 10.02% | 0.154% |
| 140    | 9.858 | 9.831 | 9.885 | VV | 300250 | 7964705  | 13.27% | 0.203% |
| 141    | 9.902 | 9.885 | 9.924 | VV | 375357 | 6364720  | 10.61% | 0.163% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 9.934  | 9.924  | 9.945  | VV | 207670  | 2623297  | 4.37%  | 0.067% |
| 143    | 9.963  | 9.945  | 9.976  | VV | 249205  | 4141886  | 6.90%  | 0.106% |
| 144    | 10.004 | 9.976  | 10.055 | VV | 250112  | 10008945 | 16.68% | 0.256% |
| 145    | 10.075 | 10.055 | 10.091 | VV | 206252  | 4212191  | 7.02%  | 0.108% |
| 146    | 10.113 | 10.091 | 10.128 | VV | 229325  | 4759846  | 7.93%  | 0.122% |
| 147    | 10.138 | 10.128 | 10.158 | VV | 224763  | 3858273  | 6.43%  | 0.099% |
| 148    | 10.177 | 10.158 | 10.202 | VV | 241060  | 5697758  | 9.49%  | 0.146% |
| 149    | 10.221 | 10.202 | 10.231 | VV | 207186  | 3539070  | 5.90%  | 0.090% |
| 150    | 10.251 | 10.231 | 10.261 | VV | 250699  | 4073422  | 6.79%  | 0.104% |
| 151    | 10.293 | 10.261 | 10.319 | VV | 916355  | 17812704 | 29.68% | 0.455% |
| 152    | 10.341 | 10.319 | 10.365 | VV | 264764  | 6934634  | 11.56% | 0.177% |
| 153    | 10.377 | 10.365 | 10.407 | VV | 255160  | 6320533  | 10.53% | 0.161% |
| 154    | 10.439 | 10.407 | 10.464 | VV | 323599  | 8899860  | 14.83% | 0.227% |
| 155    | 10.484 | 10.464 | 10.505 | VV | 232018  | 5368448  | 8.95%  | 0.137% |
| 156    | 10.538 | 10.505 | 10.549 | VV | 256913  | 6407590  | 10.68% | 0.164% |
| 157    | 10.572 | 10.549 | 10.600 | VV | 323586  | 8465423  | 14.11% | 0.216% |
| 158    | 10.642 | 10.600 | 10.680 | VV | 451191  | 15715914 | 26.19% | 0.401% |
| 159    | 10.722 | 10.680 | 10.746 | VV | 1540805 | 28973120 | 48.28% | 0.740% |
| 160    | 10.760 | 10.746 | 10.796 | VV | 370206  | 9423764  | 15.70% | 0.241% |
| 161    | 10.850 | 10.796 | 10.868 | VV | 311362  | 12673739 | 21.12% | 0.324% |
| 162    | 10.897 | 10.868 | 10.909 | VV | 325314  | 7547754  | 12.58% | 0.193% |
| 163    | 10.921 | 10.909 | 10.945 | VV | 337537  | 6866534  | 11.44% | 0.175% |
| 164    | 10.977 | 10.945 | 11.001 | VV | 356391  | 11082406 | 18.47% | 0.283% |
| 165    | 11.036 | 11.001 | 11.078 | VV | 502491  | 17134686 | 28.55% | 0.438% |
| 166    | 11.098 | 11.078 | 11.108 | VV | 328264  | 5603214  | 9.34%  | 0.143% |
| 167    | 11.128 | 11.108 | 11.143 | VV | 345738  | 6942026  | 11.57% | 0.177% |
| 168    | 11.175 | 11.143 | 11.185 | VV | 354269  | 8622621  | 14.37% | 0.220% |
| 169    | 11.198 | 11.185 | 11.223 | VV | 356558  | 7962646  | 13.27% | 0.203% |
| 170    | 11.242 | 11.223 | 11.264 | VV | 349019  | 8294399  | 13.82% | 0.212% |
| 171    | 11.301 | 11.264 | 11.313 | VV | 375162  | 10640955 | 17.73% | 0.272% |
| 172    | 11.344 | 11.313 | 11.395 | VV | 511180  | 19891437 | 33.15% | 0.508% |
| 173    | 11.443 | 11.395 | 11.475 | VV | 1195899 | 29222464 | 48.70% | 0.747% |
| 174    | 11.499 | 11.475 | 11.528 | VV | 403792  | 12018289 | 20.03% | 0.307% |
| 175    | 11.545 | 11.528 | 11.567 | VV | 382585  | 8543142  | 14.24% | 0.218% |
| 176    | 11.635 | 11.567 | 11.688 | VV | 452798  | 29357729 | 48.92% | 0.750% |
| 177    | 11.745 | 11.688 | 11.768 | VV | 452874  | 19543922 | 32.57% | 0.499% |
| 178    | 11.786 | 11.768 | 11.801 | VV | 412448  | 7724063  | 12.87% | 0.197% |
| 179    | 11.812 | 11.801 | 11.818 | VV | 407956  | 4237556  | 7.06%  | 0.108% |
| 180    | 11.857 | 11.818 | 11.877 | VV | 471882  | 15270998 | 25.45% | 0.390% |
| 181    | 11.904 | 11.877 | 11.945 | VV | 465193  | 17846241 | 29.74% | 0.456% |
| 182    | 12.000 | 11.945 | 12.067 | VV | 739074  | 38724656 | 64.53% | 0.989% |
| 183    | 12.092 | 12.067 | 12.108 | VV | 460890  | 10965739 | 18.27% | 0.280% |
| 184    | 12.147 | 12.108 | 12.195 | VV | 509439  | 24497471 | 40.82% | 0.626% |
| 185    | 12.219 | 12.195 | 12.229 | VV | 484922  | 9538714  | 15.90% | 0.244% |
| 186    | 12.243 | 12.229 | 12.265 | VV | 478963  | 10102344 | 16.83% | 0.258% |
| 187    | 12.288 | 12.265 | 12.347 | VV | 510420  | 23145588 | 38.57% | 0.591% |
| 188    | 12.388 | 12.347 | 12.408 | VV | 484988  | 17015177 | 28.35% | 0.435% |
| 189    | 12.429 | 12.408 | 12.465 | VV | 509235  | 16926198 | 28.21% | 0.432% |
| 190    | 12.483 | 12.465 | 12.497 | VV | 486548  | 9147541  | 15.24% | 0.234% |
| 191    | 12.531 | 12.497 | 12.555 | VV | 540245  | 17270595 | 28.78% | 0.441% |
| 192    | 12.579 | 12.555 | 12.634 | VV | 602363  | 25226427 | 42.04% | 0.644% |
| 193    | 12.660 | 12.634 | 12.705 | VV | 728744  | 24087134 | 40.14% | 0.615% |
| 194    | 12.716 | 12.705 | 12.745 | VV | 520427  | 12075579 | 20.12% | 0.308% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 12.779 | 12.745 | 12.790 | VV | 555643 | 14350965 | 23.91% | 0.367% |
| 196 | 12.803 | 12.790 | 12.865 | VV | 576299 | 23512702 | 39.18% | 0.601% |
| 197 | 12.881 | 12.865 | 12.895 | VV | 497908 | 8600212  | 14.33% | 0.220% |
| 198 | 12.938 | 12.895 | 12.965 | VV | 540666 | 21680696 | 36.13% | 0.554% |
| 199 | 12.986 | 12.965 | 13.008 | VV | 535848 | 13121803 | 21.87% | 0.335% |
| 200 | 13.023 | 13.008 | 13.040 | VV | 531391 | 10109415 | 16.85% | 0.258% |
| 201 | 13.104 | 13.040 | 13.131 | VV | 888022 | 33413032 | 55.68% | 0.854% |
| 202 | 13.158 | 13.131 | 13.190 | VV | 771227 | 22820608 | 38.03% | 0.583% |
| 203 | 13.210 | 13.190 | 13.238 | VV | 590477 | 16382725 | 27.30% | 0.419% |
| 204 | 13.272 | 13.238 | 13.297 | VV | 704807 | 21144970 | 35.24% | 0.540% |
| 205 | 13.320 | 13.297 | 13.353 | VV | 599328 | 18906059 | 31.51% | 0.483% |
| 206 | 13.374 | 13.353 | 13.398 | VV | 574675 | 15080444 | 25.13% | 0.385% |
| 207 | 13.408 | 13.398 | 13.421 | VV | 559180 | 7492539  | 12.49% | 0.191% |
| 208 | 13.442 | 13.421 | 13.468 | VV | 588058 | 15864745 | 26.44% | 0.405% |
| 209 | 13.499 | 13.468 | 13.525 | VV | 721344 | 21750305 | 36.25% | 0.556% |
| 210 | 13.547 | 13.525 | 13.567 | VV | 635850 | 14892282 | 24.82% | 0.380% |
| 211 | 13.588 | 13.567 | 13.635 | VV | 633747 | 24158527 | 40.26% | 0.617% |
| 212 | 13.656 | 13.635 | 13.674 | VV | 608973 | 13781874 | 22.97% | 0.352% |
| 213 | 13.707 | 13.674 | 13.741 | VV | 688930 | 25557452 | 42.59% | 0.653% |
| 214 | 13.770 | 13.741 | 13.805 | VV | 695465 | 24317819 | 40.52% | 0.621% |
| 215 | 13.860 | 13.805 | 13.890 | VV | 815115 | 33188961 | 55.31% | 0.848% |
| 216 | 13.919 | 13.890 | 13.937 | VV | 658862 | 17387652 | 28.98% | 0.444% |
| 217 | 13.947 | 13.937 | 13.974 | VV | 642023 | 13786915 | 22.97% | 0.352% |
| 218 | 14.006 | 13.974 | 14.031 | VV | 660704 | 21620012 | 36.03% | 0.552% |
| 219 | 14.045 | 14.031 | 14.053 | VV | 617509 | 8054524  | 13.42% | 0.206% |
| 220 | 14.095 | 14.053 | 14.122 | VV | 826953 | 29206051 | 48.67% | 0.746% |
| 221 | 14.161 | 14.122 | 14.207 | VV | 694914 | 33450570 | 55.74% | 0.855% |
| 222 | 14.246 | 14.207 | 14.304 | VV | 696131 | 38729201 | 64.54% | 0.989% |
| 223 | 14.326 | 14.304 | 14.352 | VV | 687582 | 18993339 | 31.65% | 0.485% |
| 224 | 14.379 | 14.352 | 14.398 | VV | 668588 | 17659868 | 29.43% | 0.451% |
| 225 | 14.422 | 14.398 | 14.446 | VV | 814946 | 20024021 | 33.37% | 0.512% |
| 226 | 14.458 | 14.446 | 14.467 | VV | 632052 | 7980757  | 13.30% | 0.204% |
| 227 | 14.491 | 14.467 | 14.511 | VV | 728917 | 18020526 | 30.03% | 0.460% |
| 228 | 14.552 | 14.511 | 14.607 | VV | 781087 | 39869536 | 66.44% | 1.019% |
| 229 | 14.628 | 14.607 | 14.644 | VV | 692490 | 14522051 | 24.20% | 0.371% |
| 230 | 14.698 | 14.644 | 14.753 | VV | 728073 | 45006732 | 75.00% | 1.150% |
| 231 | 14.776 | 14.753 | 14.796 | VV | 662653 | 16979559 | 28.30% | 0.434% |
| 232 | 14.816 | 14.796 | 14.835 | VV | 698307 | 15476639 | 25.79% | 0.395% |
| 233 | 14.863 | 14.835 | 14.935 | VV | 715873 | 39794154 | 66.31% | 1.017% |
| 234 | 14.965 | 14.935 | 14.988 | VV | 815383 | 22977284 | 38.29% | 0.587% |
| 235 | 15.023 | 14.988 | 15.080 | VV | 727079 | 38234586 | 63.72% | 0.977% |
| 236 | 15.105 | 15.080 | 15.135 | VV | 740438 | 22671233 | 37.78% | 0.579% |
| 237 | 15.169 | 15.135 | 15.188 | VV | 700366 | 21589997 | 35.98% | 0.552% |
| 238 | 15.220 | 15.188 | 15.238 | VV | 751717 | 21684200 | 36.14% | 0.554% |
| 239 | 15.240 | 15.238 | 15.265 | VV | 740068 | 11299645 | 18.83% | 0.289% |
| 240 | 15.299 | 15.265 | 15.330 | VV | 753964 | 27710352 | 46.18% | 0.708% |
| 241 | 15.352 | 15.330 | 15.373 | VV | 698158 | 17842114 | 29.73% | 0.456% |
| 242 | 15.399 | 15.373 | 15.455 | VV | 751753 | 34311019 | 57.18% | 0.877% |
| 243 | 15.488 | 15.455 | 15.501 | VV | 859862 | 21533757 | 35.88% | 0.550% |
| 244 | 15.512 | 15.501 | 15.561 | VV | 853575 | 28904687 | 48.17% | 0.738% |
| 245 | 15.569 | 15.561 | 15.611 | VV | 728868 | 20917034 | 34.86% | 0.534% |
| 246 | 15.627 | 15.611 | 15.648 | VV | 704652 | 15174141 | 25.29% | 0.388% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 247    | 15.712 | 15.648 | 15.721 | VV | 735515 | 31112063 | 51.85%  | 0.795% |
| 248    | 15.745 | 15.721 | 15.769 | VV | 754708 | 20883491 | 34.80%  | 0.534% |
| 249    | 15.799 | 15.769 | 15.855 | VV | 892592 | 40971954 | 68.28%  | 1.047% |
| 250    | 15.878 | 15.855 | 15.900 | VV | 764867 | 19947232 | 33.24%  | 0.510% |
| 251    | 15.936 | 15.900 | 15.955 | VV | 749282 | 23603873 | 39.33%  | 0.603% |
| 252    | 15.991 | 15.955 | 16.011 | VV | 854209 | 26505123 | 44.17%  | 0.677% |
| 253    | 16.025 | 16.011 | 16.071 | VV | 846635 | 28058324 | 46.76%  | 0.717% |
| 254    | 16.097 | 16.071 | 16.133 | VV | 727492 | 26417562 | 44.02%  | 0.675% |
| 255    | 16.183 | 16.133 | 16.217 | VV | 814029 | 39190170 | 65.31%  | 1.001% |
| 256    | 16.227 | 16.217 | 16.258 | VV | 804694 | 19387891 | 32.31%  | 0.495% |
| 257    | 16.311 | 16.258 | 16.341 | VV | 895933 | 41341383 | 68.89%  | 1.056% |
| 258    | 16.357 | 16.341 | 16.401 | VV | 836941 | 28399911 | 47.33%  | 0.726% |
| 259    | 16.473 | 16.401 | 16.497 | VV | 848936 | 44933099 | 74.88%  | 1.148% |
| 260    | 16.511 | 16.497 | 16.557 | VV | 777357 | 26935061 | 44.89%  | 0.688% |
| 261    | 16.579 | 16.557 | 16.611 | VV | 768776 | 24364033 | 40.60%  | 0.622% |
| 262    | 16.696 | 16.611 | 16.733 | VV | 873978 | 60008752 | 100.00% | 1.533% |
| 263    | 16.749 | 16.733 | 16.765 | VV | 819643 | 15449166 | 25.74%  | 0.395% |
| 264    | 16.812 | 16.765 | 16.888 | VV | 849297 | 57088206 | 95.13%  | 1.458% |
| 265    | 16.937 | 16.888 | 16.953 | VV | 866148 | 31296900 | 52.15%  | 0.800% |
| 266    | 16.970 | 16.953 | 17.021 | VV | 902712 | 32696472 | 54.49%  | 0.835% |
| 267    | 17.065 | 17.021 | 17.079 | VV | 809374 | 26948793 | 44.91%  | 0.688% |
| 268    | 17.098 | 17.079 | 17.135 | VV | 824467 | 26731850 | 44.55%  | 0.683% |
| 269    | 17.177 | 17.135 | 17.237 | VV | 885967 | 49484028 | 82.46%  | 1.264% |
| 270    | 17.264 | 17.237 | 17.294 | VV | 811330 | 26657596 | 44.42%  | 0.681% |
| 271    | 17.312 | 17.294 | 17.348 | VV | 771545 | 24156681 | 40.26%  | 0.617% |
| 272    | 17.384 | 17.348 | 17.411 | VV | 811934 | 29090310 | 48.48%  | 0.743% |
| 273    | 17.433 | 17.411 | 17.455 | VV | 745281 | 18879415 | 31.46%  | 0.482% |
| 274    | 17.512 | 17.455 | 17.551 | VV | 858810 | 44350327 | 73.91%  | 1.133% |
| 275    | 17.557 | 17.551 | 17.581 | VV | 723043 | 12722831 | 21.20%  | 0.325% |
| 276    | 17.598 | 17.581 | 17.655 | VV | 722540 | 30736716 | 51.22%  | 0.785% |
| 277    | 17.684 | 17.655 | 17.706 | VV | 690171 | 20829389 | 34.71%  | 0.532% |
| 278    | 17.751 | 17.706 | 17.791 | VV | 749733 | 36664731 | 61.10%  | 0.937% |
| 279    | 17.826 | 17.791 | 17.853 | VV | 800426 | 26760727 | 44.59%  | 0.684% |
| 280    | 17.880 | 17.853 | 17.930 | VV | 648455 | 29529451 | 49.21%  | 0.754% |
| 281    | 17.984 | 17.930 | 18.061 | VV | 773731 | 52804588 | 87.99%  | 1.349% |
| 282    | 18.111 | 18.061 | 18.168 | VV | 647628 | 39253470 | 65.41%  | 1.003% |
| 283    | 18.185 | 18.168 | 18.228 | VV | 666598 | 22609993 | 37.68%  | 0.578% |
| 284    | 18.240 | 18.228 | 18.281 | VV | 636405 | 18710064 | 31.18%  | 0.478% |
| 285    | 18.299 | 18.281 | 18.320 | VV | 573655 | 13108710 | 21.84%  | 0.335% |
| 286    | 18.347 | 18.320 | 18.451 | VV | 696912 | 43883664 | 73.13%  | 1.121% |
| 287    | 18.462 | 18.451 | 18.475 | VV | 521678 | 7270717  | 12.12%  | 0.186% |
| 288    | 18.517 | 18.475 | 18.584 | VV | 566168 | 34582234 | 57.63%  | 0.883% |
| 289    | 18.604 | 18.584 | 18.625 | VV | 507559 | 11987023 | 19.98%  | 0.306% |
| 290    | 18.646 | 18.625 | 18.718 | VV | 529384 | 27017613 | 45.02%  | 0.690% |
| 291    | 18.724 | 18.718 | 18.742 | VV | 459829 | 6567543  | 10.94%  | 0.168% |
| 292    | 18.765 | 18.742 | 18.790 | VV | 506282 | 13597889 | 22.66%  | 0.347% |
| 293    | 18.823 | 18.790 | 18.878 | VV | 487274 | 24167053 | 40.27%  | 0.617% |
| 294    | 18.929 | 18.878 | 19.000 | VV | 450173 | 31345857 | 52.24%  | 0.801% |
| 295    | 19.043 | 19.000 | 19.065 | VV | 485623 | 16832791 | 28.05%  | 0.430% |
| 296    | 19.087 | 19.065 | 19.117 | VV | 429686 | 12649814 | 21.08%  | 0.323% |
| 297    | 19.154 | 19.117 | 19.180 | VV | 395045 | 14293695 | 23.82%  | 0.365% |
| 298    | 19.225 | 19.180 | 19.275 | VV | 408264 | 21567499 | 35.94%  | 0.551% |
| 299    | 19.285 | 19.275 | 19.311 | VV | 360438 | 7563841  | 12.60%  | 0.193% |

| rteres |        |        |        |     |        |          |        |        |
|--------|--------|--------|--------|-----|--------|----------|--------|--------|
| 300    | 19.318 | 19.311 | 19.342 | VV  | 352649 | 6319581  | 10.53% | 0.161% |
| 301    | 19.350 | 19.342 | 19.385 | VV  | 344827 | 8649982  | 14.41% | 0.221% |
| 302    | 19.429 | 19.385 | 19.442 | VV  | 405265 | 12457919 | 20.76% | 0.318% |
| 303    | 19.454 | 19.442 | 19.521 | VV  | 408411 | 16477768 | 27.46% | 0.421% |
| 304    | 19.557 | 19.521 | 19.588 | VV  | 322250 | 12611990 | 21.02% | 0.322% |
| 305    | 19.617 | 19.588 | 19.677 | VV  | 311292 | 16155640 | 26.92% | 0.413% |
| 306    | 19.724 | 19.677 | 19.763 | VV  | 306481 | 15076218 | 25.12% | 0.385% |
| 307    | 19.793 | 19.763 | 19.817 | VV  | 324916 | 9842218  | 16.40% | 0.251% |
| 308    | 19.840 | 19.817 | 19.884 | VV  | 327716 | 12250620 | 20.41% | 0.313% |
| 309    | 19.902 | 19.884 | 19.918 | VV  | 270204 | 5504414  | 9.17%  | 0.141% |
| 310    | 19.935 | 19.918 | 19.998 | VV  | 283829 | 12543704 | 20.90% | 0.320% |
| 311    | 20.040 | 19.998 | 20.085 | VV  | 266026 | 13437512 | 22.39% | 0.343% |
| 312    | 20.108 | 20.085 | 20.192 | VV  | 257999 | 15786227 | 26.31% | 0.403% |
| 313    | 20.205 | 20.192 | 20.221 | VV  | 242175 | 4209016  | 7.01%  | 0.108% |
| 314    | 20.237 | 20.221 | 20.297 | VV  | 253054 | 10678408 | 17.79% | 0.273% |
| 315    | 20.340 | 20.297 | 20.397 | VV  | 244900 | 13727394 | 22.88% | 0.351% |
| 316    | 20.408 | 20.397 | 20.461 | VV  | 219634 | 8068102  | 13.44% | 0.206% |
| 317    | 20.498 | 20.461 | 20.571 | VV  | 205122 | 12366118 | 20.61% | 0.316% |
| 318    | 20.582 | 20.571 | 20.591 | VV  | 169913 | 2007351  | 3.35%  | 0.051% |
| 319    | 20.628 | 20.591 | 20.718 | VV  | 185240 | 12819020 | 21.36% | 0.327% |
| 320    | 20.740 | 20.718 | 20.811 | VV  | 173977 | 8652357  | 14.42% | 0.221% |
| 321    | 20.820 | 20.811 | 20.853 | VV  | 131263 | 3193843  | 5.32%  | 0.082% |
| 322    | 20.867 | 20.853 | 20.960 | VV  | 130856 | 7489628  | 12.48% | 0.191% |
| 323    | 20.980 | 20.960 | 21.041 | VV  | 111817 | 4997725  | 8.33%  | 0.128% |
| 324    | 21.048 | 21.041 | 21.094 | VV  | 96231  | 3025513  | 5.04%  | 0.077% |
| 325    | 21.111 | 21.094 | 21.198 | VV  | 94154  | 5204724  | 8.67%  | 0.133% |
| 326    | 21.208 | 21.198 | 21.251 | VV  | 76138  | 2191037  | 3.65%  | 0.056% |
| 327    | 21.275 | 21.251 | 21.321 | VV  | 68938  | 2682227  | 4.47%  | 0.069% |
| 328    | 21.331 | 21.321 | 21.401 | VV  | 62330  | 2730265  | 4.55%  | 0.070% |
| 329    | 21.416 | 21.401 | 21.437 | VV  | 54641  | 1110280  | 1.85%  | 0.028% |
| 330    | 21.451 | 21.437 | 21.508 | VV  | 56140  | 2089597  | 3.48%  | 0.053% |
| 331    | 21.530 | 21.508 | 21.573 | VV  | 40432  | 1428218  | 2.38%  | 0.036% |
| 332    | 21.604 | 21.573 | 21.625 | VV  | 38914  | 1125848  | 1.88%  | 0.029% |
| 333    | 21.633 | 21.625 | 21.705 | VV  | 34260  | 1422398  | 2.37%  | 0.036% |
| 334    | 21.715 | 21.705 | 21.813 | VV  | 27816  | 1426479  | 2.38%  | 0.036% |
| 335    | 21.827 | 21.813 | 21.901 | VBA | 16675  | 821377   | 1.37%  | 0.021% |

Sum of corrected areas: 3914322859

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