

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE103024AL\  
Data File : FE050926.D  
Signal(s) : FID1B.ch  
Acq On : 31 Oct 2024 05:59  
Sample : P4599-05  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.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         | 2.584       | 2.524        | 2.617      | PV       | 30388          | 518503       | 0.90%          | 0.021%        |
| 2         | 2.630       | 2.617        | 2.650      | PV       | 2689           | 21567        | 0.04%          | 0.001%        |
| 3         | 2.685       | 2.650        | 2.701      | PV       | 38780          | 433393       | 0.75%          | 0.017%        |
| 4         | 2.716       | 2.701        | 2.732      | VV       | 19427          | 266884       | 0.46%          | 0.011%        |
| 5         | 2.747       | 2.732        | 2.772      | VV       | 22801          | 269728       | 0.47%          | 0.011%        |
| 6         | 2.789       | 2.772        | 2.802      | VV       | 6118           | 66302        | 0.12%          | 0.003%        |
| 7         | 2.824       | 2.802        | 2.841      | VV       | 9697           | 132294       | 0.23%          | 0.005%        |
| 8         | 2.864       | 2.841        | 2.900      | VV       | 40524          | 711812       | 1.24%          | 0.028%        |
| 9         | 2.917       | 2.900        | 2.926      | VV       | 22230          | 257637       | 0.45%          | 0.010%        |
| 10        | 2.937       | 2.926        | 2.961      | VV       | 23760          | 352453       | 0.61%          | 0.014%        |
| 11        | 2.985       | 2.961        | 3.000      | VV       | 40756          | 527145       | 0.92%          | 0.021%        |
| 12        | 3.024       | 3.000        | 3.042      | VV       | 49318          | 784005       | 1.36%          | 0.031%        |
| 13        | 3.066       | 3.042        | 3.096      | VV       | 59512          | 916188       | 1.59%          | 0.037%        |
| 14        | 3.111       | 3.096        | 3.142      | VV       | 9876           | 148898       | 0.26%          | 0.006%        |
| 15        | 3.169       | 3.142        | 3.185      | PV       | 10391          | 129321       | 0.22%          | 0.005%        |
| 16        | 3.224       | 3.185        | 3.243      | VV       | 55607          | 868650       | 1.51%          | 0.035%        |
| 17        | 3.260       | 3.243        | 3.279      | VV       | 66425          | 781677       | 1.36%          | 0.031%        |
| 18        | 3.288       | 3.279        | 3.333      | VV       | 15189          | 255950       | 0.44%          | 0.010%        |
| 19        | 3.386       | 3.333        | 3.401      | PV       | 51916          | 679969       | 1.18%          | 0.027%        |
| 20        | 3.414       | 3.401        | 3.434      | VV       | 40612          | 502013       | 0.87%          | 0.020%        |
| 21        | 3.455       | 3.434        | 3.470      | VV       | 68733          | 841497       | 1.46%          | 0.034%        |
| 22        | 3.485       | 3.470        | 3.510      | VV       | 61215          | 904248       | 1.57%          | 0.036%        |
| 23        | 3.524       | 3.510        | 3.537      | VV       | 25059          | 283888       | 0.49%          | 0.011%        |
| 24        | 3.557       | 3.537        | 3.600      | VV       | 86732          | 1719410      | 2.99%          | 0.069%        |
| 25        | 3.635       | 3.600        | 3.667      | VV       | 85018          | 1637869      | 2.84%          | 0.065%        |
| 26        | 3.689       | 3.667        | 3.733      | VV       | 209595         | 3383194      | 5.88%          | 0.135%        |
| 27        | 3.771       | 3.733        | 3.805      | VV       | 142302         | 2854676      | 4.96%          | 0.114%        |
| 28        | 3.827       | 3.805        | 3.854      | VV       | 50222          | 992507       | 1.72%          | 0.040%        |
| 29        | 3.874       | 3.854        | 3.903      | VV       | 129965         | 1509988      | 2.62%          | 0.060%        |
| 30        | 3.938       | 3.903        | 3.949      | VV       | 122950         | 1780775      | 3.09%          | 0.071%        |
| 31        | 3.957       | 3.949        | 3.986      | VV       | 109205         | 1441485      | 2.50%          | 0.058%        |
| 32        | 4.035       | 3.986        | 4.081      | VV       | 246207         | 4172931      | 7.25%          | 0.167%        |
| 33        | 4.104       | 4.081        | 4.123      | VV       | 105814         | 1841808      | 3.20%          | 0.074%        |
| 34        | 4.134       | 4.123        | 4.162      | VV       | 75990          | 1146606      | 1.99%          | 0.046%        |
| 35        | 4.185       | 4.162        | 4.218      | VV       | 90536          | 1936731      | 3.36%          | 0.077%        |
| 36        | 4.237       | 4.218        | 4.250      | VV       | 123198         | 1641026      | 2.85%          | 0.066%        |

|    |       |       |       |    | rteres |          |        |        |
|----|-------|-------|-------|----|--------|----------|--------|--------|
| 37 | 4.265 | 4.250 | 4.281 | VV | 125134 | 1769924  | 3.07%  | 0.071% |
| 38 | 4.298 | 4.281 | 4.348 | VV | 103469 | 2476088  | 4.30%  | 0.099% |
| 39 | 4.387 | 4.348 | 4.411 | VV | 164650 | 2612208  | 4.54%  | 0.104% |
| 40 | 4.435 | 4.411 | 4.460 | VV | 119885 | 2371619  | 4.12%  | 0.095% |
| 41 | 4.477 | 4.460 | 4.543 | VV | 82298  | 2998554  | 5.21%  | 0.120% |
| 42 | 4.565 | 4.543 | 4.606 | VV | 113494 | 2255916  | 3.92%  | 0.090% |
| 43 | 4.672 | 4.606 | 4.686 | VV | 143798 | 3619853  | 6.29%  | 0.145% |
| 44 | 4.705 | 4.686 | 4.761 | VV | 207487 | 5907815  | 10.26% | 0.236% |
| 45 | 4.780 | 4.761 | 4.790 | VV | 182736 | 2266969  | 3.94%  | 0.091% |
| 46 | 4.804 | 4.790 | 4.823 | VV | 204638 | 3349006  | 5.82%  | 0.134% |
| 47 | 4.839 | 4.823 | 4.875 | VV | 202319 | 5022973  | 8.72%  | 0.201% |
| 48 | 4.916 | 4.875 | 4.927 | VV | 283155 | 5764676  | 10.01% | 0.230% |
| 49 | 4.936 | 4.927 | 4.947 | VV | 259174 | 2865502  | 4.98%  | 0.114% |
| 50 | 4.959 | 4.947 | 4.984 | VV | 291306 | 4313197  | 7.49%  | 0.172% |
| 51 | 5.005 | 4.984 | 5.043 | VV | 368410 | 6691990  | 11.62% | 0.267% |
| 52 | 5.076 | 5.043 | 5.092 | VV | 149770 | 3338285  | 5.80%  | 0.133% |
| 53 | 5.111 | 5.092 | 5.127 | VV | 234771 | 3461471  | 6.01%  | 0.138% |
| 54 | 5.139 | 5.127 | 5.161 | VV | 179101 | 2913586  | 5.06%  | 0.116% |
| 55 | 5.178 | 5.161 | 5.192 | VV | 181128 | 2787937  | 4.84%  | 0.111% |
| 56 | 5.201 | 5.192 | 5.224 | VV | 144516 | 2108377  | 3.66%  | 0.084% |
| 57 | 5.273 | 5.224 | 5.312 | VV | 302876 | 9871878  | 17.14% | 0.394% |
| 58 | 5.328 | 5.312 | 5.350 | VV | 173477 | 3158008  | 5.48%  | 0.126% |
| 59 | 5.382 | 5.350 | 5.393 | VV | 191155 | 3742618  | 6.50%  | 0.149% |
| 60 | 5.414 | 5.393 | 5.428 | VV | 303365 | 4831171  | 8.39%  | 0.193% |
| 61 | 5.438 | 5.428 | 5.451 | VV | 255733 | 3180861  | 5.52%  | 0.127% |
| 62 | 5.476 | 5.451 | 5.488 | VV | 246649 | 4871652  | 8.46%  | 0.195% |
| 63 | 5.509 | 5.488 | 5.524 | VV | 277422 | 5265295  | 9.14%  | 0.210% |
| 64 | 5.538 | 5.524 | 5.560 | VV | 272520 | 4987668  | 8.66%  | 0.199% |
| 65 | 5.573 | 5.560 | 5.587 | VV | 211523 | 2999973  | 5.21%  | 0.120% |
| 66 | 5.601 | 5.587 | 5.619 | VV | 206161 | 3078520  | 5.35%  | 0.123% |
| 67 | 5.648 | 5.619 | 5.667 | VV | 596749 | 8739725  | 15.18% | 0.349% |
| 68 | 5.680 | 5.667 | 5.697 | VV | 243449 | 3607128  | 6.26%  | 0.144% |
| 69 | 5.711 | 5.697 | 5.741 | VV | 218488 | 4809522  | 8.35%  | 0.192% |
| 70 | 5.762 | 5.741 | 5.776 | VV | 233802 | 4156014  | 7.22%  | 0.166% |
| 71 | 5.788 | 5.776 | 5.794 | VV | 219597 | 2181693  | 3.79%  | 0.087% |
| 72 | 5.817 | 5.794 | 5.849 | VV | 731227 | 12129034 | 21.06% | 0.484% |
| 73 | 5.867 | 5.849 | 5.888 | VV | 254322 | 5018716  | 8.72%  | 0.200% |
| 74 | 5.900 | 5.888 | 5.917 | VV | 242418 | 3574616  | 6.21%  | 0.143% |
| 75 | 5.946 | 5.917 | 5.984 | VV | 548198 | 12332483 | 21.42% | 0.493% |
| 76 | 6.006 | 5.984 | 6.033 | VV | 340885 | 7249098  | 12.59% | 0.290% |
| 77 | 6.049 | 6.033 | 6.057 | VV | 322363 | 4079565  | 7.08%  | 0.163% |
| 78 | 6.067 | 6.057 | 6.092 | VV | 346184 | 5130050  | 8.91%  | 0.205% |
| 79 | 6.117 | 6.092 | 6.133 | VV | 410535 | 6342354  | 11.01% | 0.253% |
| 80 | 6.167 | 6.133 | 6.187 | VV | 496903 | 10397521 | 18.06% | 0.415% |
| 81 | 6.200 | 6.187 | 6.240 | VV | 307106 | 8092408  | 14.05% | 0.323% |
| 82 | 6.260 | 6.240 | 6.280 | VV | 317250 | 6329344  | 10.99% | 0.253% |
| 83 | 6.304 | 6.280 | 6.335 | VV | 358999 | 9594834  | 16.66% | 0.383% |
| 84 | 6.354 | 6.335 | 6.378 | VV | 409878 | 8611171  | 14.95% | 0.344% |
| 85 | 6.401 | 6.378 | 6.434 | VV | 402703 | 10611662 | 18.43% | 0.424% |
| 86 | 6.461 | 6.434 | 6.480 | VV | 463585 | 9874637  | 17.15% | 0.394% |
| 87 | 6.496 | 6.480 | 6.523 | VV | 454220 | 10322818 | 17.93% | 0.412% |
| 88 | 6.542 | 6.523 | 6.566 | VV | 590812 | 11523296 | 20.01% | 0.460% |
| 89 | 6.593 | 6.566 | 6.613 | VV | 458304 | 11709649 | 20.33% | 0.468% |

|     |       |       |       |    |         |          |         |        |
|-----|-------|-------|-------|----|---------|----------|---------|--------|
|     |       |       |       |    | rteres  |          |         |        |
| 90  | 6.621 | 6.613 | 6.666 | VV | 412486  | 10778593 | 18.72%  | 0.431% |
| 91  | 6.702 | 6.666 | 6.719 | VV | 430043  | 11045553 | 19.18%  | 0.441% |
| 92  | 6.731 | 6.719 | 6.741 | VV | 335541  | 4016687  | 6.98%   | 0.160% |
| 93  | 6.766 | 6.741 | 6.782 | VV | 399076  | 8726715  | 15.15%  | 0.349% |
| 94  | 6.796 | 6.782 | 6.807 | VV | 430644  | 5557436  | 9.65%   | 0.222% |
| 95  | 6.857 | 6.807 | 6.885 | VV | 683553  | 22197338 | 38.55%  | 0.887% |
| 96  | 6.929 | 6.885 | 6.942 | VV | 423971  | 11913287 | 20.69%  | 0.476% |
| 97  | 6.958 | 6.942 | 6.971 | VV | 466759  | 7609791  | 13.22%  | 0.304% |
| 98  | 6.999 | 6.971 | 7.048 | VV | 893185  | 24487393 | 42.52%  | 0.978% |
| 99  | 7.067 | 7.048 | 7.111 | VV | 578790  | 16546760 | 28.73%  | 0.661% |
| 100 | 7.137 | 7.111 | 7.158 | VV | 594902  | 13609234 | 23.63%  | 0.544% |
| 101 | 7.173 | 7.158 | 7.184 | VV | 544658  | 8038292  | 13.96%  | 0.321% |
| 102 | 7.204 | 7.184 | 7.223 | VV | 621871  | 12353579 | 21.45%  | 0.493% |
| 103 | 7.242 | 7.223 | 7.272 | VV | 607715  | 14307469 | 24.85%  | 0.571% |
| 104 | 7.301 | 7.272 | 7.316 | VV | 553619  | 12446896 | 21.62%  | 0.497% |
| 105 | 7.327 | 7.316 | 7.366 | VV | 519980  | 13035532 | 22.64%  | 0.521% |
| 106 | 7.401 | 7.366 | 7.430 | VV | 2154432 | 36176812 | 62.82%  | 1.445% |
| 107 | 7.452 | 7.430 | 7.472 | VV | 627307  | 13342094 | 23.17%  | 0.533% |
| 108 | 7.496 | 7.472 | 7.514 | VV | 943466  | 16997321 | 29.52%  | 0.679% |
| 109 | 7.526 | 7.514 | 7.552 | VV | 577035  | 12161685 | 21.12%  | 0.486% |
| 110 | 7.581 | 7.552 | 7.614 | VV | 694263  | 21486746 | 37.31%  | 0.858% |
| 111 | 7.623 | 7.614 | 7.644 | VV | 502739  | 8620683  | 14.97%  | 0.344% |
| 112 | 7.668 | 7.644 | 7.695 | VV | 544557  | 15032796 | 26.11%  | 0.600% |
| 113 | 7.729 | 7.695 | 7.740 | VV | 537881  | 13180975 | 22.89%  | 0.526% |
| 114 | 7.756 | 7.740 | 7.768 | VV | 567943  | 9024266  | 15.67%  | 0.360% |
| 115 | 7.795 | 7.768 | 7.825 | VV | 753853  | 21064407 | 36.58%  | 0.841% |
| 116 | 7.839 | 7.825 | 7.861 | VV | 499883  | 9797299  | 17.01%  | 0.391% |
| 117 | 7.909 | 7.861 | 7.926 | VV | 827492  | 23334892 | 40.52%  | 0.932% |
| 118 | 7.963 | 7.926 | 7.980 | VV | 978633  | 22989345 | 39.92%  | 0.918% |
| 119 | 7.994 | 7.980 | 8.027 | VV | 641057  | 15945807 | 27.69%  | 0.637% |
| 120 | 8.053 | 8.027 | 8.074 | VV | 893067  | 18606203 | 32.31%  | 0.743% |
| 121 | 8.100 | 8.074 | 8.119 | VV | 635329  | 15181657 | 26.36%  | 0.606% |
| 122 | 8.200 | 8.119 | 8.215 | VV | 750882  | 34214470 | 59.42%  | 1.367% |
| 123 | 8.234 | 8.215 | 8.277 | VV | 1055540 | 26140549 | 45.40%  | 1.044% |
| 124 | 8.333 | 8.277 | 8.353 | VV | 2345951 | 47271856 | 82.09%  | 1.888% |
| 125 | 8.373 | 8.353 | 8.397 | VV | 951082  | 20215964 | 35.11%  | 0.808% |
| 126 | 8.417 | 8.397 | 8.437 | VV | 881801  | 16787606 | 29.15%  | 0.671% |
| 127 | 8.469 | 8.437 | 8.492 | VV | 723549  | 22340448 | 38.80%  | 0.892% |
| 128 | 8.506 | 8.492 | 8.541 | VV | 708692  | 18670552 | 32.42%  | 0.746% |
| 129 | 8.550 | 8.541 | 8.568 | VV | 583170  | 9458821  | 16.43%  | 0.378% |
| 130 | 8.586 | 8.568 | 8.612 | VV | 613349  | 15299119 | 26.57%  | 0.611% |
| 131 | 8.628 | 8.612 | 8.637 | VV | 623439  | 8544013  | 14.84%  | 0.341% |
| 132 | 8.668 | 8.637 | 8.732 | VV | 2064405 | 55148898 | 95.77%  | 2.203% |
| 133 | 8.753 | 8.732 | 8.776 | VV | 785894  | 18456395 | 32.05%  | 0.737% |
| 134 | 8.792 | 8.776 | 8.820 | VV | 712585  | 17301871 | 30.05%  | 0.691% |
| 135 | 8.836 | 8.820 | 8.846 | VV | 669797  | 9655604  | 16.77%  | 0.386% |
| 136 | 8.865 | 8.846 | 8.877 | VV | 1028130 | 15646799 | 27.17%  | 0.625% |
| 137 | 8.893 | 8.877 | 8.917 | VV | 1032360 | 19516006 | 33.89%  | 0.780% |
| 138 | 8.963 | 8.917 | 8.986 | VV | 1668585 | 35761844 | 62.10%  | 1.428% |
| 139 | 9.051 | 8.986 | 9.074 | VV | 2090005 | 57584167 | 100.00% | 2.300% |
| 140 | 9.086 | 9.074 | 9.103 | VV | 667719  | 10943031 | 19.00%  | 0.437% |
| 141 | 9.124 | 9.103 | 9.146 | VV | 863925  | 17355658 | 30.14%  | 0.693% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 9.191  | 9.146  | 9.209  | VV | 902512  | 26072290 | 45.28% | 1.041% |
| 143    | 9.222  | 9.209  | 9.236  | VV | 652873  | 9972242  | 17.32% | 0.398% |
| 144    | 9.267  | 9.236  | 9.324  | VV | 824945  | 37614688 | 65.32% | 1.502% |
| 145    | 9.356  | 9.324  | 9.381  | VV | 673128  | 21264319 | 36.93% | 0.849% |
| 146    | 9.413  | 9.381  | 9.439  | VV | 803896  | 21748409 | 37.77% | 0.869% |
| 147    | 9.457  | 9.439  | 9.498  | VV | 595595  | 18974035 | 32.95% | 0.758% |
| 148    | 9.536  | 9.498  | 9.550  | VV | 625564  | 16739464 | 29.07% | 0.669% |
| 149    | 9.565  | 9.550  | 9.581  | VV | 643896  | 11138466 | 19.34% | 0.445% |
| 150    | 9.592  | 9.581  | 9.601  | VV | 575781  | 6534209  | 11.35% | 0.261% |
| 151    | 9.632  | 9.601  | 9.671  | VV | 762448  | 25862883 | 44.91% | 1.033% |
| 152    | 9.701  | 9.671  | 9.750  | VV | 1051406 | 35839247 | 62.24% | 1.432% |
| 153    | 9.783  | 9.750  | 9.812  | VV | 884690  | 24787880 | 43.05% | 0.990% |
| 154    | 9.821  | 9.812  | 9.835  | VV | 560697  | 7681872  | 13.34% | 0.307% |
| 155    | 9.865  | 9.835  | 9.910  | VV | 878226  | 27119893 | 47.10% | 1.083% |
| 156    | 9.943  | 9.910  | 9.972  | VV | 487696  | 17473701 | 30.34% | 0.698% |
| 157    | 9.988  | 9.972  | 9.997  | VV | 454156  | 6778501  | 11.77% | 0.271% |
| 158    | 10.018 | 9.997  | 10.038 | VV | 533557  | 11857046 | 20.59% | 0.474% |
| 159    | 10.065 | 10.038 | 10.095 | VV | 772138  | 21398846 | 37.16% | 0.855% |
| 160    | 10.109 | 10.095 | 10.126 | VV | 590899  | 10059226 | 17.47% | 0.402% |
| 161    | 10.165 | 10.126 | 10.179 | VV | 608680  | 16990552 | 29.51% | 0.679% |
| 162    | 10.210 | 10.179 | 10.251 | VV | 589158  | 22652366 | 39.34% | 0.905% |
| 163    | 10.280 | 10.251 | 10.296 | VV | 486485  | 12516468 | 21.74% | 0.500% |
| 164    | 10.338 | 10.296 | 10.363 | VV | 535250  | 19995098 | 34.72% | 0.799% |
| 165    | 10.384 | 10.363 | 10.410 | VV | 554695  | 13674125 | 23.75% | 0.546% |
| 166    | 10.421 | 10.410 | 10.433 | VV | 446771  | 6162930  | 10.70% | 0.246% |
| 167    | 10.457 | 10.433 | 10.467 | VV | 496645  | 9387457  | 16.30% | 0.375% |
| 168    | 10.502 | 10.467 | 10.527 | VV | 1765745 | 36557414 | 63.49% | 1.460% |
| 169    | 10.562 | 10.527 | 10.614 | VV | 543585  | 26350323 | 45.76% | 1.053% |
| 170    | 10.643 | 10.614 | 10.666 | VV | 625764  | 15618154 | 27.12% | 0.624% |
| 171    | 10.686 | 10.666 | 10.710 | VV | 449734  | 10938635 | 19.00% | 0.437% |
| 172    | 10.743 | 10.710 | 10.750 | VV | 466703  | 10491494 | 18.22% | 0.419% |
| 173    | 10.777 | 10.750 | 10.802 | VV | 584961  | 15871594 | 27.56% | 0.634% |
| 174    | 10.825 | 10.802 | 10.835 | VV | 566351  | 10011050 | 17.39% | 0.400% |
| 175    | 10.846 | 10.835 | 10.861 | VV | 555033  | 8082168  | 14.04% | 0.323% |
| 176    | 10.870 | 10.861 | 10.886 | VV | 515449  | 7632203  | 13.25% | 0.305% |
| 177    | 10.929 | 10.886 | 10.952 | VV | 2499552 | 47066776 | 81.74% | 1.880% |
| 178    | 10.965 | 10.952 | 10.998 | VV | 581984  | 13766422 | 23.91% | 0.550% |
| 179    | 11.033 | 10.998 | 11.072 | VV | 484475  | 20081853 | 34.87% | 0.802% |
| 180    | 11.116 | 11.072 | 11.154 | VV | 491022  | 22573806 | 39.20% | 0.902% |
| 181    | 11.183 | 11.154 | 11.206 | VV | 525150  | 14745433 | 25.61% | 0.589% |
| 182    | 11.240 | 11.206 | 11.281 | VV | 717594  | 22825759 | 39.64% | 0.912% |
| 183    | 11.299 | 11.281 | 11.308 | VV | 419438  | 6597542  | 11.46% | 0.264% |
| 184    | 11.326 | 11.308 | 11.353 | VV | 461094  | 11489010 | 19.95% | 0.459% |
| 185    | 11.374 | 11.353 | 11.390 | VV | 450762  | 9608771  | 16.69% | 0.384% |
| 186    | 11.402 | 11.390 | 11.430 | VV | 442733  | 10270677 | 17.84% | 0.410% |
| 187    | 11.498 | 11.430 | 11.513 | VV | 451483  | 21309259 | 37.01% | 0.851% |
| 188    | 11.540 | 11.513 | 11.560 | VV | 458121  | 12246000 | 21.27% | 0.489% |
| 189    | 11.572 | 11.560 | 11.589 | VV | 413807  | 6889568  | 11.96% | 0.275% |
| 190    | 11.598 | 11.589 | 11.605 | VV | 390848  | 3789636  | 6.58%  | 0.151% |
| 191    | 11.646 | 11.605 | 11.674 | VV | 1597411 | 33977376 | 59.00% | 1.357% |
| 192    | 11.702 | 11.674 | 11.728 | VV | 434614  | 12862471 | 22.34% | 0.514% |
| 193    | 11.745 | 11.728 | 11.766 | VV | 412033  | 8515890  | 14.79% | 0.340% |
| 194    | 11.814 | 11.766 | 11.888 | VV | 479644  | 28923953 | 50.23% | 1.155% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 11.916 | 11.888 | 11.966 | VV | 393493 | 16820622 | 29.21% | 0.672% |
| 196 | 11.987 | 11.966 | 11.999 | VV | 357784 | 6540850  | 11.36% | 0.261% |
| 197 | 12.008 | 11.999 | 12.020 | VV | 350745 | 4414880  | 7.67%  | 0.176% |
| 198 | 12.053 | 12.020 | 12.078 | VV | 383923 | 12513429 | 21.73% | 0.500% |
| 199 | 12.099 | 12.078 | 12.136 | VV | 391492 | 12488602 | 21.69% | 0.499% |
| 200 | 12.194 | 12.136 | 12.221 | VV | 639825 | 22087590 | 38.36% | 0.882% |
| 201 | 12.231 | 12.221 | 12.262 | VV | 351118 | 7821381  | 13.58% | 0.312% |
| 202 | 12.286 | 12.262 | 12.301 | VV | 333028 | 7161700  | 12.44% | 0.286% |
| 203 | 12.326 | 12.301 | 12.388 | VV | 370897 | 17157747 | 29.80% | 0.685% |
| 204 | 12.412 | 12.388 | 12.458 | VV | 331483 | 12430804 | 21.59% | 0.497% |
| 205 | 12.500 | 12.458 | 12.543 | VV | 293240 | 14474585 | 25.14% | 0.578% |
| 206 | 12.568 | 12.543 | 12.588 | VV | 279282 | 7147761  | 12.41% | 0.286% |
| 207 | 12.600 | 12.588 | 12.618 | VV | 260359 | 4565637  | 7.93%  | 0.182% |
| 208 | 12.642 | 12.618 | 12.670 | VV | 264784 | 7833099  | 13.60% | 0.313% |
| 209 | 12.717 | 12.670 | 12.747 | VV | 283855 | 11707989 | 20.33% | 0.468% |
| 210 | 12.772 | 12.747 | 12.830 | VV | 322943 | 13309531 | 23.11% | 0.532% |
| 211 | 12.853 | 12.830 | 12.884 | VV | 298021 | 8009986  | 13.91% | 0.320% |
| 212 | 12.904 | 12.884 | 12.929 | VV | 214420 | 5609962  | 9.74%  | 0.224% |
| 213 | 12.961 | 12.929 | 12.978 | VV | 228215 | 6320866  | 10.98% | 0.252% |
| 214 | 12.994 | 12.978 | 13.075 | VV | 251047 | 11556773 | 20.07% | 0.462% |
| 215 | 13.099 | 13.075 | 13.106 | VV | 178841 | 3336875  | 5.79%  | 0.133% |
| 216 | 13.128 | 13.106 | 13.156 | VV | 187566 | 5291702  | 9.19%  | 0.211% |
| 217 | 13.175 | 13.156 | 13.200 | VV | 185840 | 4530103  | 7.87%  | 0.181% |
| 218 | 13.210 | 13.200 | 13.244 | VV | 165456 | 4269692  | 7.41%  | 0.171% |
| 219 | 13.295 | 13.244 | 13.320 | VV | 402818 | 10050437 | 17.45% | 0.401% |
| 220 | 13.344 | 13.320 | 13.376 | VV | 248229 | 6639655  | 11.53% | 0.265% |
| 221 | 13.393 | 13.376 | 13.446 | VV | 163060 | 6165861  | 10.71% | 0.246% |
| 222 | 13.461 | 13.446 | 13.487 | VV | 125519 | 2951311  | 5.13%  | 0.118% |
| 223 | 13.507 | 13.487 | 13.536 | VV | 126230 | 3529901  | 6.13%  | 0.141% |
| 224 | 13.558 | 13.536 | 13.608 | VV | 125689 | 5068330  | 8.80%  | 0.202% |
| 225 | 13.623 | 13.608 | 13.649 | VV | 113748 | 2645888  | 4.59%  | 0.106% |
| 226 | 13.680 | 13.649 | 13.711 | VV | 136179 | 4229172  | 7.34%  | 0.169% |
| 227 | 13.729 | 13.711 | 13.752 | VV | 107775 | 2532522  | 4.40%  | 0.101% |
| 228 | 13.769 | 13.752 | 13.814 | VV | 100617 | 3426152  | 5.95%  | 0.137% |
| 229 | 13.825 | 13.814 | 13.850 | VV | 83877  | 1788689  | 3.11%  | 0.071% |
| 230 | 13.893 | 13.850 | 13.923 | VV | 93281  | 3721288  | 6.46%  | 0.149% |
| 231 | 13.952 | 13.923 | 14.017 | VV | 95129  | 4311168  | 7.49%  | 0.172% |
| 232 | 14.037 | 14.017 | 14.074 | VV | 69319  | 2134691  | 3.71%  | 0.085% |
| 233 | 14.089 | 14.074 | 14.104 | VV | 59563  | 1040906  | 1.81%  | 0.042% |
| 234 | 14.124 | 14.104 | 14.155 | VV | 61754  | 1720809  | 2.99%  | 0.069% |
| 235 | 14.177 | 14.155 | 14.213 | VV | 55981  | 1837624  | 3.19%  | 0.073% |
| 236 | 14.222 | 14.213 | 14.236 | VV | 47806  | 674403   | 1.17%  | 0.027% |
| 237 | 14.275 | 14.236 | 14.304 | VV | 65147  | 2152658  | 3.74%  | 0.086% |
| 238 | 14.332 | 14.304 | 14.386 | VV | 47693  | 2108571  | 3.66%  | 0.084% |
| 239 | 14.422 | 14.386 | 14.464 | VV | 41668  | 1754427  | 3.05%  | 0.070% |
| 240 | 14.479 | 14.464 | 14.491 | VV | 33273  | 535288   | 0.93%  | 0.021% |
| 241 | 14.505 | 14.491 | 14.538 | VV | 33735  | 892879   | 1.55%  | 0.036% |
| 242 | 14.547 | 14.538 | 14.580 | VV | 30449  | 714242   | 1.24%  | 0.029% |
| 243 | 14.599 | 14.580 | 14.647 | VV | 30503  | 1037394  | 1.80%  | 0.041% |
| 244 | 14.670 | 14.647 | 14.703 | VV | 26809  | 824793   | 1.43%  | 0.033% |
| 245 | 14.728 | 14.703 | 14.804 | VV | 27868  | 1342750  | 2.33%  | 0.054% |
| 246 | 14.850 | 14.804 | 14.861 | VV | 19175  | 620573   | 1.08%  | 0.025% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 14.881 | 14.861 | 14.954 | VV | 18735  | 893947 | 1.55% | 0.036% |
| 248 | 14.973 | 14.954 | 15.021 | VV | 13839  | 514356 | 0.89% | 0.021% |
| 249 | 15.044 | 15.021 | 15.079 | VV | 12882  | 416552 | 0.72% | 0.017% |
| 250 | 15.095 | 15.079 | 15.113 | VV | 11307  | 213198 | 0.37% | 0.009% |
|     |        |        |        |    |        |        |       |        |
| 251 | 15.139 | 15.113 | 15.172 | VV | 20072  | 477145 | 0.83% | 0.019% |
| 252 | 15.181 | 15.172 | 15.248 | VV | 10451  | 415747 | 0.72% | 0.017% |
| 253 | 15.284 | 15.248 | 15.318 | VV | 8851   | 314834 | 0.55% | 0.013% |
| 254 | 15.339 | 15.318 | 15.357 | VV | 6480   | 141395 | 0.25% | 0.006% |
| 255 | 15.394 | 15.357 | 15.444 | VV | 7075   | 323374 | 0.56% | 0.013% |
|     |        |        |        |    |        |        |       |        |
| 256 | 15.450 | 15.444 | 15.541 | VV | 5437   | 266920 | 0.46% | 0.011% |
| 257 | 15.568 | 15.541 | 15.629 | VV | 4996   | 209196 | 0.36% | 0.008% |
| 258 | 15.659 | 15.629 | 15.775 | VV | 13076  | 444958 | 0.77% | 0.018% |
| 259 | 15.792 | 15.775 | 15.818 | VV | 2505   | 56377  | 0.10% | 0.002% |
| 260 | 15.833 | 15.818 | 15.848 | VV | 1913   | 32085  | 0.06% | 0.001% |
|     |        |        |        |    |        |        |       |        |
| 261 | 15.879 | 15.848 | 15.900 | VV | 2406   | 62203  | 0.11% | 0.002% |
| 262 | 15.920 | 15.900 | 15.934 | VV | 2314   | 40810  | 0.07% | 0.002% |
| 263 | 15.971 | 15.934 | 16.027 | VV | 3906   | 142169 | 0.25% | 0.006% |
| 264 | 16.038 | 16.027 | 16.087 | VV | 1764   | 43761  | 0.08% | 0.002% |
| 265 | 16.121 | 16.087 | 16.134 | VV | 2431   | 47470  | 0.08% | 0.002% |
|     |        |        |        |    |        |        |       |        |
| 266 | 16.159 | 16.134 | 16.241 | VV | 13656  | 244186 | 0.42% | 0.010% |
| 267 | 16.258 | 16.241 | 16.278 | VV | 546    | 7046   | 0.01% | 0.000% |
| 268 | 16.295 | 16.278 | 16.307 | VV | 428    | 5381   | 0.01% | 0.000% |
| 269 | 16.354 | 16.307 | 16.390 | VV | 1508   | 45398  | 0.08% | 0.002% |
| 270 | 16.403 | 16.390 | 16.431 | VV | 956    | 17647  | 0.03% | 0.001% |
|     |        |        |        |    |        |        |       |        |
| 271 | 16.473 | 16.431 | 16.507 | VV | 2260   | 66442  | 0.12% | 0.003% |
| 272 | 16.520 | 16.507 | 16.561 | VV | 1298   | 27240  | 0.05% | 0.001% |
| 273 | 16.641 | 16.561 | 16.707 | PV | 10878  | 177100 | 0.31% | 0.007% |
| 274 | 16.755 | 16.707 | 16.770 | PV | 357    | 8329   | 0.01% | 0.000% |
| 275 | 16.856 | 16.770 | 16.924 | VV | 1208   | 60510  | 0.11% | 0.002% |
|     |        |        |        |    |        |        |       |        |
| 276 | 16.943 | 16.924 | 16.958 | VV | 1211   | 15535  | 0.03% | 0.001% |
| 277 | 16.973 | 16.958 | 17.014 | VV | 958    | 20968  | 0.04% | 0.001% |
| 278 | 17.025 | 17.014 | 17.041 | VV | 200    | 2164   | 0.00% | 0.000% |
| 279 | 17.108 | 17.041 | 17.151 | PV | 11777  | 211531 | 0.37% | 0.008% |
| 280 | 17.163 | 17.151 | 17.181 | VV | 594    | 6901   | 0.01% | 0.000% |
|     |        |        |        |    |        |        |       |        |
| 281 | 17.207 | 17.181 | 17.218 | VV | 559    | 7331   | 0.01% | 0.000% |
| 282 | 17.232 | 17.218 | 17.248 | VV | 439    | 6152   | 0.01% | 0.000% |
| 283 | 17.288 | 17.248 | 17.298 | VV | 620    | 11102  | 0.02% | 0.000% |
| 284 | 17.345 | 17.298 | 17.377 | VV | 2425   | 53484  | 0.09% | 0.002% |
| 285 | 17.442 | 17.377 | 17.458 | VV | 716    | 25575  | 0.04% | 0.001% |
|     |        |        |        |    |        |        |       |        |
| 286 | 17.519 | 17.458 | 17.531 | VV | 1571   | 39753  | 0.07% | 0.002% |
| 287 | 17.558 | 17.531 | 17.606 | VV | 7877   | 128750 | 0.22% | 0.005% |
| 288 | 17.626 | 17.606 | 17.640 | VV | 553    | 8906   | 0.02% | 0.000% |
| 289 | 17.671 | 17.640 | 17.711 | VV | 2227   | 46180  | 0.08% | 0.002% |
| 290 | 17.720 | 17.711 | 17.737 | VV | 537    | 6934   | 0.01% | 0.000% |
|     |        |        |        |    |        |        |       |        |
| 291 | 17.760 | 17.737 | 17.776 | VV | 554    | 9164   | 0.02% | 0.000% |
| 292 | 17.799 | 17.776 | 17.809 | PV | 299    | 4088   | 0.01% | 0.000% |
| 293 | 17.842 | 17.809 | 17.864 | VV | 840    | 14516  | 0.03% | 0.001% |
| 294 | 17.891 | 17.864 | 17.904 | VV | 961    | 14387  | 0.02% | 0.001% |
| 295 | 17.993 | 17.904 | 18.023 | VV | 8190   | 169212 | 0.29% | 0.007% |
|     |        |        |        |    |        |        |       |        |
| 296 | 18.039 | 18.023 | 18.055 | VV | 418    | 6668   | 0.01% | 0.000% |
| 297 | 18.134 | 18.055 | 18.188 | VV | 4331   | 104259 | 0.18% | 0.004% |
| 298 | 18.200 | 18.188 | 18.217 | VV | 463    | 4209   | 0.01% | 0.000% |
| 299 | 18.285 | 18.217 | 18.294 | PV | 509    | 10776  | 0.02% | 0.000% |

|                         |        |        |        |    |            |         |       |        |
|-------------------------|--------|--------|--------|----|------------|---------|-------|--------|
|                         |        |        |        |    | rteres     |         |       |        |
| 300                     | 18.309 | 18.294 | 18.313 | VV | 448        | 4382    | 0.01% | 0.000% |
| 301                     | 18.343 | 18.313 | 18.354 | VV | 978        | 16712   | 0.03% | 0.001% |
| 302                     | 18.369 | 18.354 | 18.386 | VV | 786        | 12740   | 0.02% | 0.001% |
| 303                     | 18.416 | 18.386 | 18.441 | VV | 4621       | 67916   | 0.12% | 0.003% |
| 304                     | 18.501 | 18.441 | 18.561 | VV | 4476       | 91929   | 0.16% | 0.004% |
| 305                     | 18.581 | 18.561 | 18.591 | VV | 270        | 3873    | 0.01% | 0.000% |
| 306                     | 18.614 | 18.591 | 18.638 | PV | 864        | 12261   | 0.02% | 0.000% |
| 307                     | 18.686 | 18.638 | 18.741 | VV | 1046       | 38215   | 0.07% | 0.002% |
| 308                     | 18.825 | 18.741 | 18.861 | VV | 5599       | 113133  | 0.20% | 0.005% |
| 309                     | 18.873 | 18.861 | 18.890 | VV | 416        | 5647    | 0.01% | 0.000% |
| 310                     | 18.922 | 18.890 | 18.945 | VV | 1802       | 23972   | 0.04% | 0.001% |
| 311                     | 18.972 | 18.945 | 18.998 | PV | 1455       | 23658   | 0.04% | 0.001% |
| 312                     | 19.017 | 18.998 | 19.040 | VV | 549        | 11164   | 0.02% | 0.000% |
| 313                     | 19.143 | 19.040 | 19.163 | VV | 521        | 33593   | 0.06% | 0.001% |
| 314                     | 19.224 | 19.163 | 19.244 | PV | 3525       | 60800   | 0.11% | 0.002% |
| 315                     | 19.256 | 19.244 | 19.285 | VV | 1260       | 17499   | 0.03% | 0.001% |
| 316                     | 19.325 | 19.285 | 19.340 | PV | 940        | 12636   | 0.02% | 0.001% |
| 317                     | 19.427 | 19.340 | 19.439 | VV | 833        | 30513   | 0.05% | 0.001% |
| 318                     | 19.609 | 19.439 | 19.685 | VV | 4636       | 147174  | 0.26% | 0.006% |
| 319                     | 19.734 | 19.685 | 19.744 | VV | 1138       | 29396   | 0.05% | 0.001% |
| 320                     | 19.752 | 19.744 | 19.759 | VV | 958        | 7795    | 0.01% | 0.000% |
| 321                     | 19.902 | 19.759 | 19.922 | VV | 2249       | 131942  | 0.23% | 0.005% |
| 322                     | 19.985 | 19.922 | 20.010 | VV | 4781       | 156340  | 0.27% | 0.006% |
| 323                     | 20.030 | 20.010 | 20.065 | VV | 3326       | 93303   | 0.16% | 0.004% |
| 324                     | 20.251 | 20.065 | 20.261 | VV | 5324       | 462470  | 0.80% | 0.018% |
| 325                     | 20.349 | 20.261 | 20.375 | VV | 9031       | 435397  | 0.76% | 0.017% |
| 326                     | 20.705 | 20.375 | 20.730 | VV | 12536      | 1845636 | 3.21% | 0.074% |
| 327                     | 20.888 | 20.730 | 20.899 | VV | 11909      | 1160376 | 2.02% | 0.046% |
| 328                     | 20.944 | 20.899 | 20.961 | VV | 11823      | 433707  | 0.75% | 0.017% |
| 329                     | 21.070 | 20.961 | 21.106 | VV | 12808      | 1001200 | 1.74% | 0.040% |
| 330                     | 21.149 | 21.106 | 21.171 | VV | 10539      | 411730  | 0.72% | 0.016% |
| 331                     | 21.180 | 21.171 | 21.210 | VV | 10165      | 232589  | 0.40% | 0.009% |
| 332                     | 21.222 | 21.210 | 21.241 | VV | 9530       | 173902  | 0.30% | 0.007% |
| 333                     | 21.296 | 21.241 | 21.364 | VV | 9325       | 665547  | 1.16% | 0.027% |
| 334                     | 21.389 | 21.364 | 21.424 | VV | 7816       | 274484  | 0.48% | 0.011% |
| 335                     | 21.440 | 21.424 | 21.451 | VV | 7203       | 114651  | 0.20% | 0.005% |
| 336                     | 21.490 | 21.451 | 21.544 | VV | 7657       | 388755  | 0.68% | 0.016% |
| 337                     | 21.585 | 21.544 | 21.691 | VV | 6141       | 466471  | 0.81% | 0.019% |
| 338                     | 21.722 | 21.691 | 21.734 | VV | 3920       | 101679  | 0.18% | 0.004% |
| 339                     | 21.768 | 21.734 | 21.790 | VV | 3437       | 113343  | 0.20% | 0.005% |
| 340                     | 21.835 | 21.790 | 21.871 | VV | 2830       | 131281  | 0.23% | 0.005% |
| 341                     | 21.881 | 21.871 | 21.896 | VV | 1977       | 27217   | 0.05% | 0.001% |
| 342                     | 21.954 | 21.896 | 21.999 | VV | 2090       | 92466   | 0.16% | 0.004% |
| 343                     | 22.032 | 21.999 | 22.051 | VV | 379        | 10596   | 0.02% | 0.000% |
| Sum of corrected areas: |        |        |        |    | 2503519581 |         |       |        |

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