

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081519AL\
 Data File : FD030096.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2019 23:07
 Sample : K4319-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Title : GC Extractables

Signal : FID2B.CH

| peak # | R. T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|--------|-----------|-----------|---------|-------|-------------|-----------|-------------|------------|
| 1 | 3.457 | 3.418 | 3.472 | BV | 107 | 1381 | 0.03% | 0.002% |
| 2 | 3.486 | 3.472 | 3.499 | PV | 208 | 2146 | 0.05% | 0.004% |
| 3 | 3.509 | 3.499 | 3.538 | VV | 165 | 2064 | 0.05% | 0.003% |
| 4 | 3.547 | 3.538 | 3.615 | VV | 118 | 2092 | 0.05% | 0.004% |
| 5 | 3.626 | 3.615 | 3.636 | VV | 204 | 1734 | 0.04% | 0.003% |
| 6 | 3.648 | 3.636 | 3.718 | VV | 458 | 6489 | 0.14% | 0.011% |
| 7 | 3.747 | 3.718 | 3.785 | PV | 968 | 12641 | 0.28% | 0.021% |
| 8 | 3.796 | 3.785 | 3.827 | VV | 182 | 2284 | 0.05% | 0.004% |
| 9 | 3.844 | 3.827 | 3.892 | VV | 715 | 7657 | 0.17% | 0.013% |
| 10 | 3.902 | 3.892 | 3.918 | VV | 130 | 1138 | 0.03% | 0.002% |
| 11 | 3.934 | 3.918 | 3.990 | PV | 372 | 5564 | 0.12% | 0.009% |
| 12 | 4.010 | 3.990 | 4.136 | PV | 2492 | 38377 | 0.85% | 0.065% |
| 13 | 4.163 | 4.136 | 4.177 | PV | 437 | 6200 | 0.14% | 0.010% |
| 14 | 4.188 | 4.177 | 4.355 | VV | 547 | 16213 | 0.36% | 0.027% |
| 15 | 4.370 | 4.355 | 4.400 | VV | 39 | 1317 | 0.03% | 0.002% |
| 16 | 4.421 | 4.400 | 4.450 | VV | 429 | 4258 | 0.09% | 0.007% |
| 17 | 4.465 | 4.450 | 4.491 | PV | 215 | 2811 | 0.06% | 0.005% |
| 18 | 4.497 | 4.491 | 4.539 | VV | 154 | 3316 | 0.07% | 0.006% |
| 19 | 4.570 | 4.539 | 4.609 | PV | 663 | 7846 | 0.17% | 0.013% |
| 20 | 4.638 | 4.609 | 4.662 | VV | 853 | 11518 | 0.25% | 0.019% |
| 21 | 4.672 | 4.662 | 4.691 | VV | 337 | 3432 | 0.08% | 0.006% |
| 22 | 4.707 | 4.691 | 4.745 | VV | 295 | 4093 | 0.09% | 0.007% |
| 23 | 4.758 | 4.745 | 4.785 | VV | 260 | 3402 | 0.07% | 0.006% |
| 24 | 4.801 | 4.785 | 4.824 | VV | 283 | 3838 | 0.08% | 0.006% |
| 25 | 4.833 | 4.824 | 4.881 | VV | 137 | 3420 | 0.08% | 0.006% |
| 26 | 4.895 | 4.881 | 4.919 | VV | 194 | 2448 | 0.05% | 0.004% |
| 27 | 4.930 | 4.919 | 4.956 | PV | 136 | 1123 | 0.02% | 0.002% |
| 28 | 5.010 | 4.956 | 5.036 | PV | 354 | 7440 | 0.16% | 0.013% |
| 29 | 5.053 | 5.036 | 5.085 | VV | 598 | 7110 | 0.16% | 0.012% |
| 30 | 5.111 | 5.085 | 5.151 | VV | 500 | 9080 | 0.20% | 0.015% |
| 31 | 5.160 | 5.151 | 5.208 | VV | 261 | 4869 | 0.11% | 0.008% |
| 32 | 5.226 | 5.208 | 5.261 | PV | 226 | 5941 | 0.13% | 0.010% |
| 33 | 5.276 | 5.261 | 5.316 | VV | 462 | 8275 | 0.18% | 0.014% |
| 34 | 5.337 | 5.316 | 5.395 | VV | 929 | 14432 | 0.32% | 0.024% |
| 35 | 5.423 | 5.395 | 5.432 | VV | 156 | 2751 | 0.06% | 0.005% |
| 36 | 5.454 | 5.432 | 5.473 | PV | 1322 | 14098 | 0.31% | 0.024% |

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|----|--------|--------|--------|----|--------|-------|--------|---------|--|
| 37 | 5. 495 | 5. 473 | 5. 537 | VV | 652 | 13090 | 0. 29% | 0. 022% | |
| 38 | 5. 554 | 5. 537 | 5. 573 | VV | 332 | 4068 | 0. 09% | 0. 007% | |
| 39 | 5. 580 | 5. 573 | 5. 604 | VV | 211 | 2354 | 0. 05% | 0. 004% | |
| 40 | 5. 641 | 5. 604 | 5. 665 | PV | 329 | 6425 | 0. 14% | 0. 011% | |
| 41 | 5. 686 | 5. 665 | 5. 705 | VV | 336 | 4837 | 0. 11% | 0. 008% | |
| 42 | 5. 723 | 5. 705 | 5. 740 | VV | 352 | 5741 | 0. 13% | 0. 010% | |
| 43 | 5. 757 | 5. 740 | 5. 774 | VV | 512 | 7032 | 0. 15% | 0. 012% | |
| 44 | 5. 787 | 5. 774 | 5. 838 | VV | 293 | 6764 | 0. 15% | 0. 011% | |
| 45 | 5. 857 | 5. 838 | 5. 891 | VV | 256 | 4963 | 0. 11% | 0. 008% | |
| 46 | 5. 915 | 5. 891 | 5. 931 | VV | 268 | 4393 | 0. 10% | 0. 007% | |
| 47 | 5. 938 | 5. 931 | 5. 979 | VV | 250 | 5799 | 0. 13% | 0. 010% | |
| 48 | 6. 004 | 5. 979 | 6. 081 | VV | 2887 | 38089 | 0. 84% | 0. 064% | |
| 49 | 6. 152 | 6. 081 | 6. 201 | VV | 584 | 18101 | 0. 40% | 0. 031% | |
| 50 | 6. 210 | 6. 201 | 6. 232 | VV | 178 | 2365 | 0. 05% | 0. 004% | |
| 51 | 6. 245 | 6. 232 | 6. 262 | VV | 259 | 3655 | 0. 08% | 0. 006% | |
| 52 | 6. 289 | 6. 262 | 6. 348 | VV | 481 | 14210 | 0. 31% | 0. 024% | |
| 53 | 6. 360 | 6. 348 | 6. 411 | VV | 305 | 5964 | 0. 13% | 0. 010% | |
| 54 | 6. 433 | 6. 411 | 6. 458 | VV | 687 | 8693 | 0. 19% | 0. 015% | |
| 55 | 6. 503 | 6. 477 | 6. 545 | PV | 129 | 3000 | 0. 07% | 0. 005% | |
| 56 | 6. 577 | 6. 545 | 6. 667 | VV | 430 | 10591 | 0. 23% | 0. 018% | |
| 57 | 6. 690 | 6. 667 | 6. 716 | PV | 166 | 2707 | 0. 06% | 0. 005% | |
| 58 | 6. 753 | 6. 716 | 6. 784 | VV | 278 | 4861 | 0. 11% | 0. 008% | |
| 59 | 6. 807 | 6. 784 | 6. 831 | VV | 218 | 3534 | 0. 08% | 0. 006% | |
| 60 | 6. 838 | 6. 831 | 6. 875 | VV | 224 | 5004 | 0. 11% | 0. 008% | |
| 61 | 6. 882 | 6. 875 | 6. 891 | VV | 208 | 1817 | 0. 04% | 0. 003% | |
| 62 | 6. 938 | 6. 891 | 7. 017 | VV | 500 | 21896 | 0. 48% | 0. 037% | |
| 63 | 7. 054 | 7. 017 | 7. 077 | VV | 1694 | 21658 | 0. 48% | 0. 037% | |
| 64 | 7. 093 | 7. 077 | 7. 113 | VV | 538 | 8288 | 0. 18% | 0. 014% | |
| 65 | 7. 131 | 7. 113 | 7. 171 | VV | 602 | 10864 | 0. 24% | 0. 018% | |
| 66 | 7. 189 | 7. 171 | 7. 208 | VV | 1684 | 17665 | 0. 39% | 0. 030% | |
| 67 | 7. 223 | 7. 208 | 7. 270 | VV | 475 | 9267 | 0. 20% | 0. 016% | |
| 68 | 7. 283 | 7. 270 | 7. 325 | VV | 201 | 4731 | 0. 10% | 0. 008% | |
| 69 | 7. 350 | 7. 325 | 7. 391 | VV | 767 | 9963 | 0. 22% | 0. 017% | |
| 70 | 7. 473 | 7. 391 | 7. 513 | PV | 239 | 9975 | 0. 22% | 0. 017% | |
| 71 | 7. 528 | 7. 513 | 7. 548 | VV | 214 | 2927 | 0. 06% | 0. 005% | |
| 72 | 7. 559 | 7. 548 | 7. 565 | VV | 147 | 1289 | 0. 03% | 0. 002% | |
| 73 | 7. 585 | 7. 565 | 7. 598 | VV | 235 | 3534 | 0. 08% | 0. 006% | |
| 74 | 7. 759 | 7. 738 | 7. 818 | VV | 1389 | 41099 | 0. 91% | 0. 070% | |
| 75 | 7. 837 | 7. 818 | 7. 889 | VV | 1214 | 18727 | 0. 41% | 0. 032% | |
| 76 | 7. 928 | 7. 889 | 7. 983 | VV | 533 | 17965 | 0. 40% | 0. 030% | |
| 77 | 7. 994 | 7. 983 | 8. 011 | VV | 231 | 3218 | 0. 07% | 0. 005% | |
| 78 | 8. 044 | 8. 011 | 8. 081 | VV | 1078 | 22116 | 0. 49% | 0. 037% | |
| 79 | 8. 145 | 8. 081 | 8. 162 | VV | 2108 | 39175 | 0. 86% | 0. 066% | |
| 80 | 8. 175 | 8. 162 | 8. 191 | VV | 1195 | 15368 | 0. 34% | 0. 026% | |
| 81 | 8. 217 | 8. 191 | 8. 245 | VV | 1411 | 24930 | 0. 55% | 0. 042% | |
| 82 | 8. 330 | 8. 311 | 8. 367 | VV | 5042 | 59975 | 1. 32% | 0. 101% | |
| 83 | 8. 383 | 8. 367 | 8. 403 | VV | 571 | 6917 | 0. 15% | 0. 012% | |
| 84 | 8. 418 | 8. 403 | 8. 437 | VV | 511 | 4784 | 0. 11% | 0. 008% | |
| 85 | 8. 447 | 8. 437 | 8. 485 | VV | 136 | 2110 | 0. 05% | 0. 004% | |
| 86 | 8. 624 | 8. 601 | 8. 653 | VV | 2327 | 31633 | 0. 70% | 0. 054% | |
| 87 | 8. 675 | 8. 653 | 8. 708 | VV | 923 | 18222 | 0. 40% | 0. 031% | |
| 88 | 8. 730 | 8. 708 | 8. 772 | VV | 728 | 20445 | 0. 45% | 0. 035% | |
| 89 | 8. 861 | 8. 772 | 8. 878 | VV | 593 | 19715 | 0. 43% | 0. 033% | |

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|-----|---------|---------|---------|----|--------|---------|----------|---------|
| 90 | 8. 895 | 8. 878 | 8. 914 | VV | 1203 | 14448 | 0. 32% | 0. 024% |
| 91 | 8. 931 | 8. 914 | 8. 945 | VV | 716 | 10551 | 0. 23% | 0. 018% |
| 92 | 8. 961 | 8. 945 | 9. 006 | VV | 721 | 14220 | 0. 31% | 0. 024% |
| 93 | 9. 032 | 9. 006 | 9. 052 | VV | 1587 | 19534 | 0. 43% | 0. 033% |
| 94 | 9. 071 | 9. 052 | 9. 107 | VV | 1101 | 16269 | 0. 36% | 0. 028% |
| 95 | 9. 126 | 9. 107 | 9. 150 | VV | 431 | 4913 | 0. 11% | 0. 008% |
| 96 | 9. 186 | 9. 150 | 9. 198 | VV | 1439 | 18959 | 0. 42% | 0. 032% |
| 97 | 9. 217 | 9. 198 | 9. 249 | VV | 2577 | 38537 | 0. 85% | 0. 065% |
| 98 | 9. 268 | 9. 249 | 9. 288 | VV | 877 | 10687 | 0. 24% | 0. 018% |
| 99 | 9. 320 | 9. 288 | 9. 343 | VV | 1000 | 14177 | 0. 31% | 0. 024% |
| 100 | 9. 361 | 9. 343 | 9. 380 | PV | 807 | 9322 | 0. 21% | 0. 016% |
| 101 | 9. 404 | 9. 380 | 9. 465 | VV | 1843 | 34124 | 0. 75% | 0. 058% |
| 102 | 9. 482 | 9. 465 | 9. 518 | VV | 1153 | 18361 | 0. 40% | 0. 031% |
| 103 | 9. 549 | 9. 518 | 9. 572 | VV | 1056 | 19468 | 0. 43% | 0. 033% |
| 104 | 9. 585 | 9. 572 | 9. 597 | VV | 632 | 7362 | 0. 16% | 0. 012% |
| 105 | 9. 610 | 9. 597 | 9. 637 | VV | 662 | 11036 | 0. 24% | 0. 019% |
| 106 | 9. 664 | 9. 637 | 9. 695 | VV | 766 | 15277 | 0. 34% | 0. 026% |
| 107 | 9. 724 | 9. 695 | 9. 765 | VV | 1194 | 23232 | 0. 51% | 0. 039% |
| 108 | 9. 772 | 9. 765 | 9. 791 | VV | 523 | 5549 | 0. 12% | 0. 009% |
| 109 | 9. 811 | 9. 791 | 9. 867 | VV | 1639 | 39912 | 0. 88% | 0. 068% |
| 110 | 9. 912 | 9. 867 | 9. 948 | VV | 491 | 13890 | 0. 31% | 0. 023% |
| 111 | 9. 981 | 9. 948 | 10. 008 | VV | 497 | 7855 | 0. 17% | 0. 013% |
| 112 | 10. 027 | 10. 008 | 10. 049 | VV | 189 | 3036 | 0. 07% | 0. 005% |
| 113 | 10. 088 | 10. 065 | 10. 121 | PV | 136 | 2328 | 0. 05% | 0. 004% |
| 114 | 10. 144 | 10. 121 | 10. 178 | VV | 702 | 11191 | 0. 25% | 0. 019% |
| 115 | 10. 196 | 10. 178 | 10. 217 | VV | 894 | 11597 | 0. 26% | 0. 020% |
| 116 | 10. 252 | 10. 217 | 10. 263 | VV | 1221 | 19224 | 0. 42% | 0. 033% |
| 117 | 10. 278 | 10. 263 | 10. 302 | VV | 1309 | 21782 | 0. 48% | 0. 037% |
| 118 | 10. 320 | 10. 302 | 10. 361 | VV | 1058 | 20406 | 0. 45% | 0. 035% |
| 119 | 10. 396 | 10. 361 | 10. 416 | VV | 1298 | 22270 | 0. 49% | 0. 038% |
| 120 | 10. 447 | 10. 416 | 10. 466 | VV | 2637 | 40595 | 0. 89% | 0. 069% |
| 121 | 10. 473 | 10. 466 | 10. 489 | VV | 1190 | 13299 | 0. 29% | 0. 022% |
| 122 | 10. 543 | 10. 489 | 10. 555 | VV | 2043 | 49266 | 1. 09% | 0. 083% |
| 123 | 10. 565 | 10. 555 | 10. 581 | VV | 1729 | 20112 | 0. 44% | 0. 034% |
| 124 | 10. 604 | 10. 581 | 10. 657 | VV | 2308 | 64048 | 1. 41% | 0. 108% |
| 125 | 10. 690 | 10. 657 | 10. 709 | VV | 956 | 21113 | 0. 47% | 0. 036% |
| 126 | 10. 727 | 10. 709 | 10. 744 | VV | 577 | 8853 | 0. 20% | 0. 015% |
| 127 | 10. 973 | 10. 948 | 11. 005 | VV | 451 | 10359 | 0. 23% | 0. 018% |
| 128 | 11. 041 | 11. 005 | 11. 061 | VV | 778 | 14142 | 0. 31% | 0. 024% |
| 129 | 11. 082 | 11. 061 | 11. 128 | VV | 2502 | 36970 | 0. 81% | 0. 063% |
| 130 | 11. 177 | 11. 128 | 11. 225 | PV | 909 | 35018 | 0. 77% | 0. 059% |
| 131 | 11. 242 | 11. 225 | 11. 264 | VV | 2129 | 26995 | 0. 60% | 0. 046% |
| 132 | 11. 330 | 11. 264 | 11. 368 | VV | 2179 | 66718 | 1. 47% | 0. 113% |
| 133 | 11. 395 | 11. 368 | 11. 416 | VV | 1623 | 21346 | 0. 47% | 0. 036% |
| 134 | 11. 443 | 11. 416 | 11. 463 | VV | 1474 | 22562 | 0. 50% | 0. 038% |
| 135 | 11. 483 | 11. 463 | 11. 507 | VV | 1360 | 17797 | 0. 39% | 0. 030% |
| 136 | 11. 565 | 11. 507 | 11. 610 | VV | 427490 | 4537013 | 100. 00% | 7. 675% |
| 137 | 11. 626 | 11. 610 | 11. 667 | VV | 11519 | 131030 | 2. 89% | 0. 222% |
| 138 | 11. 710 | 11. 667 | 11. 726 | VV | 6325 | 109291 | 2. 41% | 0. 185% |
| 139 | 11. 743 | 11. 726 | 11. 758 | VV | 7947 | 87628 | 1. 93% | 0. 148% |
| 140 | 11. 774 | 11. 758 | 11. 802 | VV | 7853 | 93752 | 2. 07% | 0. 159% |
| 141 | 11. 814 | 11. 802 | 11. 825 | VV | 221 | 2351 | 0. 05% | 0. 004% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.848 | 11.825 | 11.871 | VV | 749 | 11265 | 0.25% | 0.019% |
| 143 | 11.908 | 11.871 | 11.926 | VV | 2071 | 35605 | 0.78% | 0.060% |
| 144 | 11.948 | 11.926 | 11.971 | VV | 6918 | 87991 | 1.94% | 0.149% |
| 145 | 11.998 | 11.971 | 12.040 | VV | 4650 | 78913 | 1.74% | 0.134% |
| 146 | 12.063 | 12.040 | 12.083 | VV | 4139 | 50918 | 1.12% | 0.086% |
| 147 | 12.094 | 12.083 | 12.106 | VV | 1136 | 12821 | 0.28% | 0.022% |
| 148 | 12.123 | 12.106 | 12.143 | VV | 1423 | 20847 | 0.46% | 0.035% |
| 149 | 12.153 | 12.143 | 12.168 | VV | 445 | 6415 | 0.14% | 0.011% |
| 150 | 12.209 | 12.168 | 12.228 | VV | 1185 | 25095 | 0.55% | 0.042% |
| 151 | 12.240 | 12.228 | 12.253 | VV | 1039 | 12123 | 0.27% | 0.021% |
| 152 | 12.268 | 12.253 | 12.278 | VV | 956 | 11822 | 0.26% | 0.020% |
| 153 | 12.335 | 12.278 | 12.361 | VV | 2340 | 70535 | 1.55% | 0.119% |
| 154 | 12.381 | 12.361 | 12.421 | VV | 4748 | 85125 | 1.88% | 0.144% |
| 155 | 12.439 | 12.421 | 12.468 | VV | 5157 | 68867 | 1.52% | 0.117% |
| 156 | 12.490 | 12.468 | 12.509 | VV | 11321 | 140174 | 3.09% | 0.237% |
| 157 | 12.526 | 12.509 | 12.538 | VV | 4892 | 66293 | 1.46% | 0.112% |
| 158 | 12.550 | 12.538 | 12.576 | VV | 5082 | 73807 | 1.63% | 0.125% |
| 159 | 12.605 | 12.576 | 12.645 | VV | 89629 | 1000815 | 22.06% | 1.693% |
| 160 | 12.665 | 12.645 | 12.684 | VV | 1489 | 20761 | 0.46% | 0.035% |
| 161 | 12.700 | 12.684 | 12.713 | VV | 1110 | 13670 | 0.30% | 0.023% |
| 162 | 12.739 | 12.713 | 12.750 | VV | 2389 | 35961 | 0.79% | 0.061% |
| 163 | 12.764 | 12.750 | 12.775 | VV | 2448 | 31543 | 0.70% | 0.053% |
| 164 | 12.795 | 12.775 | 12.873 | VV | 4328 | 138807 | 3.06% | 0.235% |
| 165 | 12.902 | 12.873 | 12.928 | VV | 82879 | 894460 | 19.71% | 1.513% |
| 166 | 12.990 | 12.928 | 13.022 | VV | 313721 | 3655188 | 80.56% | 6.184% |
| 167 | 13.040 | 13.022 | 13.054 | VV | 1687 | 24884 | 0.55% | 0.042% |
| 168 | 13.074 | 13.054 | 13.083 | VV | 3543 | 42890 | 0.95% | 0.073% |
| 169 | 13.097 | 13.083 | 13.126 | VV | 4477 | 61799 | 1.36% | 0.105% |
| 170 | 13.168 | 13.126 | 13.211 | PV | 5182 | 122152 | 2.69% | 0.207% |
| 171 | 13.231 | 13.211 | 13.261 | VV | 4301 | 68351 | 1.51% | 0.116% |
| 172 | 13.296 | 13.261 | 13.313 | VV | 4396 | 67601 | 1.49% | 0.114% |
| 173 | 13.357 | 13.313 | 13.386 | VV | 7881 | 168989 | 3.72% | 0.286% |
| 174 | 13.404 | 13.386 | 13.435 | VV | 1844 | 38219 | 0.84% | 0.065% |
| 175 | 13.486 | 13.435 | 13.528 | VV | 14506 | 286334 | 6.31% | 0.484% |
| 176 | 13.553 | 13.528 | 13.570 | VV | 2514 | 41084 | 0.91% | 0.070% |
| 177 | 13.595 | 13.570 | 13.613 | VV | 6099 | 90738 | 2.00% | 0.154% |
| 178 | 13.633 | 13.613 | 13.655 | VV | 11191 | 137142 | 3.02% | 0.232% |
| 179 | 13.676 | 13.655 | 13.699 | VV | 3865 | 68642 | 1.51% | 0.116% |
| 180 | 13.735 | 13.699 | 13.751 | VV | 15193 | 230294 | 5.08% | 0.390% |
| 181 | 13.762 | 13.751 | 13.783 | VV | 11285 | 133333 | 2.94% | 0.226% |
| 182 | 13.802 | 13.783 | 13.842 | VV | 8679 | 134056 | 2.95% | 0.227% |
| 183 | 13.875 | 13.842 | 13.895 | VV | 2462 | 50040 | 1.10% | 0.085% |
| 184 | 13.917 | 13.895 | 13.933 | VV | 1619 | 31000 | 0.68% | 0.052% |
| 185 | 13.963 | 13.933 | 13.998 | VV | 1891 | 61866 | 1.36% | 0.105% |
| 186 | 14.012 | 13.998 | 14.030 | VV | 1451 | 24532 | 0.54% | 0.042% |
| 187 | 14.066 | 14.030 | 14.082 | VV | 1954 | 42091 | 0.93% | 0.071% |
| 188 | 14.098 | 14.082 | 14.112 | VV | 2041 | 30015 | 0.66% | 0.051% |
| 189 | 14.205 | 14.112 | 14.256 | VV | 175147 | 2252178 | 49.64% | 3.810% |
| 190 | 14.294 | 14.256 | 14.306 | VV | 4549 | 84484 | 1.86% | 0.143% |
| 191 | 14.318 | 14.306 | 14.360 | VV | 4229 | 96709 | 2.13% | 0.164% |
| 192 | 14.394 | 14.360 | 14.435 | VV | 9151 | 223519 | 4.93% | 0.378% |
| 193 | 14.458 | 14.435 | 14.479 | VV | 17106 | 227810 | 5.02% | 0.385% |
| 194 | 14.517 | 14.479 | 14.554 | VV | 11298 | 226536 | 4.99% | 0.383% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 14.580 | 14.554 | 14.597 | VV | 3249 | 61637 | 1.36% | 0.104% |
| 196 | 14.640 | 14.597 | 14.678 | VV | 4386 | 146080 | 3.22% | 0.247% |
| 197 | 14.719 | 14.678 | 14.736 | VV | 4315 | 84710 | 1.87% | 0.143% |
| 198 | 14.766 | 14.736 | 14.785 | VV | 45909 | 548779 | 12.10% | 0.928% |
| 199 | 14.807 | 14.785 | 14.842 | VV | 53556 | 699934 | 15.43% | 1.184% |
| 200 | 14.855 | 14.842 | 14.883 | VV | 3424 | 65276 | 1.44% | 0.110% |
| 201 | 14.927 | 14.883 | 14.954 | VV | 11448 | 217362 | 4.79% | 0.368% |
| 202 | 14.964 | 14.954 | 14.984 | VV | 3489 | 59588 | 1.31% | 0.101% |
| 203 | 15.002 | 14.984 | 15.040 | VV | 3978 | 92511 | 2.04% | 0.157% |
| 204 | 15.071 | 15.040 | 15.088 | VV | 5626 | 117320 | 2.59% | 0.198% |
| 205 | 15.106 | 15.088 | 15.157 | VV | 9477 | 215729 | 4.75% | 0.365% |
| 206 | 15.214 | 15.157 | 15.295 | VV | 19365 | 596208 | 13.14% | 1.009% |
| 207 | 15.309 | 15.295 | 15.317 | VV | 2761 | 36377 | 0.80% | 0.062% |
| 208 | 15.366 | 15.317 | 15.403 | VV | 135740 | 1873547 | 41.29% | 3.170% |
| 209 | 15.434 | 15.403 | 15.455 | VV | 17675 | 291218 | 6.42% | 0.493% |
| 210 | 15.472 | 15.455 | 15.500 | VV | 11130 | 174902 | 3.86% | 0.296% |
| 211 | 15.516 | 15.500 | 15.527 | VV | 4145 | 60582 | 1.34% | 0.102% |
| 212 | 15.546 | 15.527 | 15.558 | VV | 4527 | 77130 | 1.70% | 0.130% |
| 213 | 15.595 | 15.558 | 15.640 | VV | 9253 | 305736 | 6.74% | 0.517% |
| 214 | 15.671 | 15.640 | 15.694 | VV | 5786 | 132767 | 2.93% | 0.225% |
| 215 | 15.726 | 15.694 | 15.738 | VV | 4437 | 103603 | 2.28% | 0.175% |
| 216 | 15.755 | 15.738 | 15.772 | VV | 5513 | 92056 | 2.03% | 0.156% |
| 217 | 15.789 | 15.772 | 15.815 | VV | 5309 | 108309 | 2.39% | 0.183% |
| 218 | 15.848 | 15.815 | 15.886 | VV | 6329 | 186740 | 4.12% | 0.316% |
| 219 | 15.899 | 15.886 | 15.913 | VV | 3162 | 48014 | 1.06% | 0.081% |
| 220 | 15.932 | 15.913 | 15.951 | VV | 4072 | 79421 | 1.75% | 0.134% |
| 221 | 15.962 | 15.951 | 15.972 | VV | 3187 | 37437 | 0.83% | 0.063% |
| 222 | 15.982 | 15.972 | 16.001 | VV | 3175 | 52881 | 1.17% | 0.089% |
| 223 | 16.040 | 16.001 | 16.057 | VV | 6855 | 165546 | 3.65% | 0.280% |
| 224 | 16.067 | 16.057 | 16.082 | VV | 4999 | 64478 | 1.42% | 0.109% |
| 225 | 16.100 | 16.082 | 16.116 | VV | 6169 | 99501 | 2.19% | 0.168% |
| 226 | 16.139 | 16.116 | 16.164 | VV | 7255 | 164250 | 3.62% | 0.278% |
| 227 | 16.238 | 16.164 | 16.268 | VV | 11440 | 477677 | 10.53% | 0.808% |
| 228 | 16.400 | 16.375 | 16.421 | VV | 5223 | 126861 | 2.80% | 0.215% |
| 229 | 16.442 | 16.421 | 16.465 | VV | 13736 | 219050 | 4.83% | 0.371% |
| 230 | 16.482 | 16.465 | 16.518 | VV | 6073 | 157835 | 3.48% | 0.267% |
| 231 | 16.532 | 16.518 | 16.541 | VV | 4314 | 58007 | 1.28% | 0.098% |
| 232 | 16.562 | 16.541 | 16.578 | VV | 5744 | 107669 | 2.37% | 0.182% |
| 233 | 16.789 | 16.737 | 16.818 | VV | 18297 | 419103 | 9.24% | 0.709% |
| 234 | 16.837 | 16.818 | 16.877 | VV | 7311 | 220775 | 4.87% | 0.373% |
| 235 | 16.932 | 16.910 | 16.977 | VV | 8750 | 289346 | 6.38% | 0.489% |
| 236 | 16.993 | 16.977 | 17.011 | VV | 6451 | 122495 | 2.70% | 0.207% |
| 237 | 17.052 | 17.011 | 17.125 | VV | 11434 | 512711 | 11.30% | 0.867% |
| 238 | 17.186 | 17.125 | 17.200 | VV | 10755 | 347329 | 7.66% | 0.588% |
| 239 | 17.214 | 17.200 | 17.252 | VV | 10556 | 285493 | 6.29% | 0.483% |
| 240 | 17.270 | 17.252 | 17.287 | VV | 8501 | 150644 | 3.32% | 0.255% |
| 241 | 17.299 | 17.287 | 17.313 | VV | 7085 | 106624 | 2.35% | 0.180% |
| 242 | 17.343 | 17.313 | 17.370 | VV | 10072 | 271355 | 5.98% | 0.459% |
| 243 | 17.383 | 17.370 | 17.422 | VV | 7254 | 198744 | 4.38% | 0.336% |
| 244 | 17.440 | 17.422 | 17.511 | VV | 6431 | 318120 | 7.01% | 0.538% |
| 245 | 17.529 | 17.511 | 17.569 | VV | 6372 | 203914 | 4.49% | 0.345% |
| 246 | 17.615 | 17.569 | 17.628 | VV | 7186 | 227655 | 5.02% | 0.385% |

| | | | | | rteres | | | |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 17.665 | 17.628 | 17.698 | VV | 11391 | 359038 | 7.91% | 0.607% |
| 248 | 17.740 | 17.698 | 17.761 | VV | 8647 | 282745 | 6.23% | 0.478% |
| 249 | 17.778 | 17.761 | 17.797 | VV | 9246 | 179315 | 3.95% | 0.303% |
| 250 | 17.818 | 17.797 | 17.871 | VV | 11034 | 393255 | 8.67% | 0.665% |
| 251 | 17.897 | 17.871 | 17.923 | VV | 9183 | 246390 | 5.43% | 0.417% |
| 252 | 17.958 | 17.923 | 18.005 | VV | 15481 | 480631 | 10.59% | 0.813% |
| 253 | 18.047 | 18.005 | 18.071 | VV | 40848 | 770228 | 16.98% | 1.303% |
| 254 | 18.087 | 18.071 | 18.117 | VV | 17689 | 366640 | 8.08% | 0.620% |
| 255 | 18.131 | 18.117 | 18.156 | VV | 9177 | 185795 | 4.10% | 0.314% |
| 256 | 18.181 | 18.156 | 18.196 | VV | 15286 | 272054 | 6.00% | 0.460% |
| 257 | 18.212 | 18.196 | 18.270 | VV | 14456 | 422259 | 9.31% | 0.714% |
| 258 | 18.300 | 18.270 | 18.328 | VV | 35885 | 572368 | 12.62% | 0.968% |
| 259 | 18.342 | 18.328 | 18.353 | VV | 7642 | 112413 | 2.48% | 0.190% |
| 260 | 18.386 | 18.353 | 18.403 | VV | 9652 | 254445 | 5.61% | 0.430% |
| 261 | 18.431 | 18.403 | 18.458 | VV | 14576 | 331949 | 7.32% | 0.562% |
| 262 | 18.489 | 18.458 | 18.516 | VV | 11410 | 316522 | 6.98% | 0.535% |
| 263 | 18.527 | 18.516 | 18.545 | VV | 8461 | 140199 | 3.09% | 0.237% |
| 264 | 18.605 | 18.545 | 18.630 | VV | 10101 | 437370 | 9.64% | 0.740% |
| 265 | 18.654 | 18.630 | 18.673 | VV | 8657 | 213849 | 4.71% | 0.362% |
| 266 | 18.697 | 18.673 | 18.715 | VV | 10347 | 233734 | 5.15% | 0.395% |
| 267 | 18.730 | 18.715 | 18.748 | VV | 9965 | 180731 | 3.98% | 0.306% |
| 268 | 18.773 | 18.748 | 18.787 | VV | 8651 | 197528 | 4.35% | 0.334% |
| 269 | 18.810 | 18.787 | 18.827 | VV | 10503 | 220881 | 4.87% | 0.374% |
| 270 | 18.860 | 18.827 | 18.922 | VV | 13974 | 654595 | 14.43% | 1.107% |
| 271 | 18.936 | 18.922 | 18.948 | VV | 8874 | 139467 | 3.07% | 0.236% |
| 272 | 18.974 | 18.948 | 19.031 | VV | 11549 | 492293 | 10.85% | 0.833% |
| 273 | 19.051 | 19.031 | 19.068 | VV | 9058 | 194131 | 4.28% | 0.328% |
| 274 | 19.084 | 19.068 | 19.113 | VV | 9370 | 237302 | 5.23% | 0.401% |
| 275 | 19.143 | 19.113 | 19.165 | VV | 9282 | 276053 | 6.08% | 0.467% |
| 276 | 19.182 | 19.165 | 19.200 | VV | 9112 | 184653 | 4.07% | 0.312% |
| 277 | 19.219 | 19.200 | 19.228 | VV | 8667 | 140277 | 3.09% | 0.237% |
| 278 | 19.266 | 19.228 | 19.288 | VV | 10326 | 337479 | 7.44% | 0.571% |
| 279 | 19.309 | 19.288 | 19.321 | VV | 10317 | 192866 | 4.25% | 0.326% |
| 280 | 19.332 | 19.321 | 19.355 | VV | 9791 | 192385 | 4.24% | 0.325% |
| 281 | 19.380 | 19.355 | 19.412 | VV | 12952 | 366022 | 8.07% | 0.619% |
| 282 | 19.447 | 19.412 | 19.475 | VV | 21818 | 535048 | 11.79% | 0.905% |
| 283 | 19.513 | 19.475 | 19.542 | VV | 20004 | 578577 | 12.75% | 0.979% |
| 284 | 19.562 | 19.542 | 19.585 | VV | 13745 | 315759 | 6.96% | 0.534% |
| 285 | 19.632 | 19.585 | 19.681 | VV | 13633 | 709319 | 15.63% | 1.200% |
| 286 | 19.695 | 19.681 | 19.707 | VV | 11152 | 166743 | 3.68% | 0.282% |
| 287 | 19.727 | 19.707 | 19.758 | VV | 12831 | 354112 | 7.80% | 0.599% |
| 288 | 19.820 | 19.758 | 19.851 | VV | 22998 | 835057 | 18.41% | 1.413% |
| 289 | 19.889 | 19.851 | 19.906 | VV | 15140 | 442910 | 9.76% | 0.749% |
| 290 | 19.914 | 19.906 | 19.932 | VV | 13428 | 199247 | 4.39% | 0.337% |
| 291 | 19.961 | 19.932 | 19.981 | VV | 14464 | 394140 | 8.69% | 0.667% |
| 292 | 20.000 | 19.981 | 20.026 | VV | 13366 | 351511 | 7.75% | 0.595% |
| 293 | 20.044 | 20.026 | 20.063 | VV | 13045 | 283069 | 6.24% | 0.479% |
| 294 | 20.087 | 20.063 | 20.128 | VV | 13260 | 492586 | 10.86% | 0.833% |
| 295 | 20.167 | 20.128 | 20.215 | VV | 13781 | 661694 | 14.58% | 1.119% |
| 296 | 20.246 | 20.215 | 20.275 | VV | 13128 | 459370 | 10.12% | 0.777% |
| 297 | 20.303 | 20.275 | 20.315 | VV | 13577 | 318819 | 7.03% | 0.539% |
| 298 | 20.350 | 20.315 | 20.411 | VV | 14747 | 804058 | 17.72% | 1.360% |
| 299 | 20.452 | 20.411 | 20.481 | VV | 14269 | 575472 | 12.68% | 0.974% |

| | | | | | rteres | | | |
|-------------------------|--------|--------|--------|-----|----------|---------|--------|--------|
| 300 | 20.500 | 20.481 | 20.531 | VV | 14771 | 433443 | 9.55% | 0.733% |
| 301 | 20.551 | 20.531 | 20.581 | VV | 13663 | 401259 | 8.84% | 0.679% |
| 302 | 20.600 | 20.581 | 20.621 | VV | 13482 | 321963 | 7.10% | 0.545% |
| 303 | 20.632 | 20.621 | 20.664 | VV | 13663 | 338613 | 7.46% | 0.573% |
| 304 | 20.724 | 20.664 | 20.760 | VV | 13701 | 775590 | 17.09% | 1.312% |
| 305 | 20.809 | 20.760 | 20.873 | VV | 14590 | 930022 | 20.50% | 1.573% |
| 306 | 20.899 | 20.873 | 20.935 | VV | 13951 | 495311 | 10.92% | 0.838% |
| 307 | 20.952 | 20.935 | 20.971 | VV | 12648 | 276730 | 6.10% | 0.468% |
| 308 | 21.005 | 20.971 | 21.062 | VV | 13781 | 705425 | 15.55% | 1.193% |
| 309 | 21.084 | 21.062 | 21.111 | VV | 13408 | 383143 | 8.44% | 0.648% |
| 310 | 21.168 | 21.111 | 21.279 | VV | 16407 | 1355182 | 29.87% | 2.293% |
| 311 | 21.292 | 21.279 | 21.305 | VV | 11543 | 176546 | 3.89% | 0.299% |
| 312 | 21.330 | 21.305 | 21.349 | VV | 12441 | 322195 | 7.10% | 0.545% |
| 313 | 21.370 | 21.349 | 21.415 | VV | 12804 | 470496 | 10.37% | 0.796% |
| 314 | 21.456 | 21.415 | 21.500 | VV | 13893 | 623506 | 13.74% | 1.055% |
| 315 | 21.532 | 21.500 | 21.562 | VV | 13919 | 466511 | 10.28% | 0.789% |
| 316 | 21.583 | 21.562 | 21.611 | VV | 11913 | 336626 | 7.42% | 0.569% |
| 317 | 21.630 | 21.611 | 21.704 | VV | 12190 | 605890 | 13.35% | 1.025% |
| 318 | 21.728 | 21.704 | 21.741 | VBA | 9999 | 239576 | 5.28% | 0.405% |
| Sum of corrected areas: | | | | | 59110614 | | | |

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