

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF123020\
 Data File : FF008022.D
 Signal(s) : FID2B.ch
 Acq On : 30 Dec 2020 16:59
 Sample : L5242-05
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120220.M
 Title :

Signal : FID2B.ch

| peak # | R. T. min | Start min | End min | PK TY | peak height | peak area | peak % max. | % of total |
|--------|-----------|-----------|---------|-------|-------------|-----------|-------------|------------|
| 1 | 4.422 | 4.380 | 4.447 | BH | 127 | -8018 | -0.01% | -0.001% |
| 2 | 4.469 | 4.447 | 4.489 | PH | -125 | -9139 | -0.01% | -0.001% |
| 3 | 4.532 | 4.489 | 4.537 | PH | 1543 | 8645 | 0.01% | 0.001% |
| 4 | 4.546 | 4.537 | 4.561 | HH | 1782 | 17336 | 0.02% | 0.002% |
| 5 | 4.574 | 4.561 | 4.594 | HH | 2650 | 22988 | 0.03% | 0.003% |
| 6 | 4.599 | 4.594 | 4.603 | PH | -77 | -600 | -0.00% | -0.000% |
| 7 | 4.641 | 4.603 | 4.762 | PH | 61644 | 1026617 | 1.15% | 0.118% |
| 8 | 4.780 | 4.762 | 4.836 | HH | 2308 | 67558 | 0.08% | 0.008% |
| 9 | 4.840 | 4.836 | 4.845 | HH | 812 | 4044 | 0.00% | 0.000% |
| 10 | 4.852 | 4.845 | 4.865 | HH | 840 | 9158 | 0.01% | 0.001% |
| 11 | 4.895 | 4.865 | 4.982 | HH | 1924 | 55920 | 0.06% | 0.006% |
| 12 | 5.001 | 4.982 | 5.045 | PH | 2452 | 39677 | 0.04% | 0.005% |
| 13 | 5.049 | 5.045 | 5.064 | HH | 376 | 3379 | 0.00% | 0.000% |
| 14 | 5.074 | 5.064 | 5.088 | HH | 591 | 6693 | 0.01% | 0.001% |
| 15 | 5.103 | 5.088 | 5.114 | HH | 1785 | 17931 | 0.02% | 0.002% |
| 16 | 5.125 | 5.114 | 5.139 | HH | 1567 | 16997 | 0.02% | 0.002% |
| 17 | 5.146 | 5.139 | 5.160 | HH | 1011 | 10422 | 0.01% | 0.001% |
| 18 | 5.180 | 5.160 | 5.220 | HH | 1898 | 41167 | 0.05% | 0.005% |
| 19 | 5.235 | 5.220 | 5.270 | HH | 1817 | 30031 | 0.03% | 0.003% |
| 20 | 5.289 | 5.270 | 5.339 | HH | 2038 | 35237 | 0.04% | 0.004% |
| 21 | 5.351 | 5.339 | 5.385 | PH | 92 | -4072 | -0.00% | -0.000% |
| 22 | 5.415 | 5.385 | 5.452 | PH | 13042 | 129238 | 0.14% | 0.015% |
| 23 | 5.495 | 5.452 | 5.510 | HH | 2603 | 36615 | 0.04% | 0.004% |
| 24 | 5.521 | 5.510 | 5.563 | HH | 1266 | 12420 | 0.01% | 0.001% |
| 25 | 5.571 | 5.563 | 5.601 | PH | -76 | -6217 | -0.01% | -0.001% |
| 26 | 5.625 | 5.601 | 5.640 | PH | 3603 | 26179 | 0.03% | 0.003% |
| 27 | 5.657 | 5.640 | 5.688 | HH | 6192 | 58975 | 0.07% | 0.007% |
| 28 | 5.737 | 5.688 | 5.759 | PH | 3588 | 66734 | 0.07% | 0.008% |
| 29 | 5.772 | 5.759 | 5.781 | HH | 2884 | 30554 | 0.03% | 0.004% |
| 30 | 5.809 | 5.781 | 5.849 | HH | 17575 | 258853 | 0.29% | 0.030% |
| 31 | 5.862 | 5.849 | 5.893 | HH | 4801 | 101620 | 0.11% | 0.012% |
| 32 | 5.914 | 5.893 | 5.945 | HH | 30203 | 380946 | 0.43% | 0.044% |
| 33 | 5.962 | 5.945 | 5.995 | HH | 9341 | 190039 | 0.21% | 0.022% |
| 34 | 6.017 | 5.995 | 6.057 | HH | 144576 | 1563817 | 1.75% | 0.180% |
| 35 | 6.066 | 6.057 | 6.102 | HH | 5981 | 100306 | 0.11% | 0.012% |
| 36 | 6.119 | 6.102 | 6.135 | HH | 4443 | 60128 | 0.07% | 0.007% |

| rteres | | | | | | | | |
|--------|--------|--------|--------|----|--------|---------|--------|---------|
| 37 | 6. 154 | 6. 135 | 6. 182 | HH | 7725 | 112561 | 0. 13% | 0. 013% |
| 38 | 6. 222 | 6. 182 | 6. 244 | HH | 5229 | 103080 | 0. 12% | 0. 012% |
| 39 | 6. 257 | 6. 244 | 6. 273 | HH | 2601 | 36769 | 0. 04% | 0. 004% |
| 40 | 6. 295 | 6. 273 | 6. 387 | HH | 21602 | 435803 | 0. 49% | 0. 050% |
| 41 | 6. 408 | 6. 387 | 6. 425 | HH | 5338 | 71077 | 0. 08% | 0. 008% |
| 42 | 6. 444 | 6. 425 | 6. 476 | HH | 43066 | 582738 | 0. 65% | 0. 067% |
| 43 | 6. 485 | 6. 476 | 6. 552 | HH | 8874 | 171402 | 0. 19% | 0. 020% |
| 44 | 6. 565 | 6. 552 | 6. 583 | HH | 2419 | 35624 | 0. 04% | 0. 004% |
| 45 | 6. 591 | 6. 583 | 6. 604 | HH | 1451 | 16170 | 0. 02% | 0. 002% |
| 46 | 6. 608 | 6. 604 | 6. 630 | HH | 1274 | 15900 | 0. 02% | 0. 002% |
| 47 | 6. 651 | 6. 630 | 6. 705 | HH | 10778 | 221948 | 0. 25% | 0. 026% |
| 48 | 6. 723 | 6. 705 | 6. 749 | HH | 3681 | 63105 | 0. 07% | 0. 007% |
| 49 | 6. 781 | 6. 749 | 6. 822 | HH | 6813 | 164007 | 0. 18% | 0. 019% |
| 50 | 6. 833 | 6. 822 | 6. 842 | HH | 2606 | 28798 | 0. 03% | 0. 003% |
| 51 | 6. 849 | 6. 842 | 6. 866 | HH | 2818 | 34419 | 0. 04% | 0. 004% |
| 52 | 6. 879 | 6. 866 | 6. 910 | HH | 2211 | 45593 | 0. 05% | 0. 005% |
| 53 | 6. 932 | 6. 910 | 6. 942 | HH | 22913 | 246859 | 0. 28% | 0. 028% |
| 54 | 6. 956 | 6. 942 | 7. 042 | HH | 47579 | 1144528 | 1. 28% | 0. 132% |
| 55 | 7. 073 | 7. 042 | 7. 108 | HH | 175954 | 1927459 | 2. 15% | 0. 222% |
| 56 | 7. 129 | 7. 108 | 7. 183 | HH | 14045 | 358310 | 0. 40% | 0. 041% |
| 57 | 7. 207 | 7. 183 | 7. 255 | HH | 135153 | 1514916 | 1. 69% | 0. 175% |
| 58 | 7. 264 | 7. 255 | 7. 280 | HH | 3770 | 50152 | 0. 06% | 0. 006% |
| 59 | 7. 312 | 7. 280 | 7. 327 | HH | 7111 | 140658 | 0. 16% | 0. 016% |
| 60 | 7. 346 | 7. 327 | 7. 383 | HH | 7135 | 190900 | 0. 21% | 0. 022% |
| 61 | 7. 408 | 7. 383 | 7. 472 | HH | 6080 | 221002 | 0. 25% | 0. 025% |
| 62 | 7. 509 | 7. 472 | 7. 540 | HH | 12103 | 270527 | 0. 30% | 0. 031% |
| 63 | 7. 564 | 7. 540 | 7. 622 | HH | 10145 | 280168 | 0. 31% | 0. 032% |
| 64 | 7. 629 | 7. 622 | 7. 635 | HH | 2757 | 21570 | 0. 02% | 0. 002% |
| 65 | 7. 662 | 7. 635 | 7. 685 | HH | 5997 | 122346 | 0. 14% | 0. 014% |
| 66 | 7. 708 | 7. 685 | 7. 744 | HH | 11936 | 224790 | 0. 25% | 0. 026% |
| 67 | 7. 760 | 7. 744 | 7. 775 | HH | 6330 | 97257 | 0. 11% | 0. 011% |
| 68 | 7. 798 | 7. 775 | 7. 865 | HH | 53526 | 883884 | 0. 99% | 0. 102% |
| 69 | 7. 888 | 7. 865 | 7. 924 | HH | 7713 | 208368 | 0. 23% | 0. 024% |
| 70 | 7. 956 | 7. 924 | 8. 024 | HH | 23712 | 540560 | 0. 60% | 0. 062% |
| 71 | 8. 054 | 8. 024 | 8. 059 | HH | 24837 | 263627 | 0. 29% | 0. 030% |
| 72 | 8. 067 | 8. 059 | 8. 089 | HH | 26774 | 318969 | 0. 36% | 0. 037% |
| 73 | 8. 101 | 8. 089 | 8. 109 | HH | 8183 | 93702 | 0. 10% | 0. 011% |
| 74 | 8. 128 | 8. 109 | 8. 148 | HH | 13470 | 237353 | 0. 27% | 0. 027% |
| 75 | 8. 171 | 8. 148 | 8. 186 | HH | 53507 | 638924 | 0. 71% | 0. 074% |
| 76 | 8. 198 | 8. 186 | 8. 218 | HH | 34818 | 424211 | 0. 47% | 0. 049% |
| 77 | 8. 230 | 8. 218 | 8. 257 | HH | 14016 | 226833 | 0. 25% | 0. 026% |
| 78 | 8. 302 | 8. 257 | 8. 319 | HH | 33487 | 715853 | 0. 80% | 0. 083% |
| 79 | 8. 356 | 8. 319 | 8. 430 | HH | 312357 | 4196570 | 4. 69% | 0. 484% |
| 80 | 8. 445 | 8. 430 | 8. 472 | HH | 13609 | 238731 | 0. 27% | 0. 028% |
| 81 | 8. 489 | 8. 472 | 8. 514 | HH | 7718 | 158344 | 0. 18% | 0. 018% |
| 82 | 8. 566 | 8. 514 | 8. 586 | HH | 6941 | 254178 | 0. 28% | 0. 029% |
| 83 | 8. 609 | 8. 586 | 8. 627 | HH | 25494 | 366432 | 0. 41% | 0. 042% |
| 84 | 8. 651 | 8. 627 | 8. 675 | HH | 253553 | 2676687 | 2. 99% | 0. 309% |
| 85 | 8. 695 | 8. 675 | 8. 728 | HH | 52633 | 826054 | 0. 92% | 0. 095% |
| 86 | 8. 737 | 8. 728 | 8. 750 | HH | 12309 | 154045 | 0. 17% | 0. 018% |
| 87 | 8. 767 | 8. 750 | 8. 789 | HH | 18664 | 295732 | 0. 33% | 0. 034% |
| 88 | 8. 807 | 8. 789 | 8. 816 | HH | 15966 | 204069 | 0. 23% | 0. 024% |
| 89 | 8. 829 | 8. 816 | 8. 852 | HH | 20361 | 334744 | 0. 37% | 0. 039% |

| | | | | rteres | | | | |
|-----|---------|---------|---------|--------|---------|----------|---------|---------|
| 90 | 8. 859 | 8. 852 | 8. 869 | HH | 11403 | 115751 | 0. 13% | 0. 013% |
| 91 | 8. 891 | 8. 869 | 8. 903 | HH | 35107 | 477127 | 0. 53% | 0. 055% |
| 92 | 8. 925 | 8. 903 | 8. 982 | HH | 328840 | 3820393 | 4. 27% | 0. 440% |
| 93 | 9. 016 | 8. 982 | 9. 040 | HH | 10920 | 322677 | 0. 36% | 0. 037% |
| 94 | 9. 060 | 9. 040 | 9. 081 | HH | 17339 | 275738 | 0. 31% | 0. 032% |
| 95 | 9. 102 | 9. 081 | 9. 144 | HH | 13954 | 333268 | 0. 37% | 0. 038% |
| 96 | 9. 159 | 9. 144 | 9. 181 | HH | 6437 | 133673 | 0. 15% | 0. 015% |
| 97 | 9. 218 | 9. 181 | 9. 234 | HH | 17286 | 340819 | 0. 38% | 0. 039% |
| 98 | 9. 249 | 9. 234 | 9. 279 | HH | 18858 | 338360 | 0. 38% | 0. 039% |
| 99 | 9. 302 | 9. 279 | 9. 324 | HH | 20367 | 355894 | 0. 40% | 0. 041% |
| 100 | 9. 351 | 9. 324 | 9. 380 | HH | 17630 | 438367 | 0. 49% | 0. 051% |
| 101 | 9. 396 | 9. 380 | 9. 412 | HH | 20293 | 288198 | 0. 32% | 0. 033% |
| 102 | 9. 437 | 9. 412 | 9. 477 | HH | 222003 | 2732746 | 3. 05% | 0. 315% |
| 103 | 9. 482 | 9. 477 | 9. 490 | HH | 10447 | 80903 | 0. 09% | 0. 009% |
| 104 | 9. 511 | 9. 490 | 9. 526 | HH | 24964 | 385853 | 0. 43% | 0. 044% |
| 105 | 9. 535 | 9. 526 | 9. 547 | HH | 18491 | 206064 | 0. 23% | 0. 024% |
| 106 | 9. 556 | 9. 547 | 9. 565 | HH | 16743 | 169982 | 0. 19% | 0. 020% |
| 107 | 9. 587 | 9. 565 | 9. 628 | HH | 44663 | 1005253 | 1. 12% | 0. 116% |
| 108 | 9. 648 | 9. 628 | 9. 680 | HH | 33123 | 631511 | 0. 71% | 0. 073% |
| 109 | 9. 700 | 9. 680 | 9. 734 | HH | 28438 | 629044 | 0. 70% | 0. 073% |
| 110 | 9. 758 | 9. 734 | 9. 789 | HH | 103198 | 1401018 | 1. 57% | 0. 162% |
| 111 | 9. 806 | 9. 789 | 9. 826 | HH | 21765 | 366161 | 0. 41% | 0. 042% |
| 112 | 9. 859 | 9. 826 | 9. 874 | HH | 101627 | 1420451 | 1. 59% | 0. 164% |
| 113 | 9. 886 | 9. 874 | 9. 908 | HH | 75672 | 997367 | 1. 11% | 0. 115% |
| 114 | 9. 921 | 9. 908 | 9. 931 | HH | 28230 | 329929 | 0. 37% | 0. 038% |
| 115 | 9. 942 | 9. 931 | 9. 987 | HH | 29376 | 625905 | 0. 70% | 0. 072% |
| 116 | 9. 999 | 9. 987 | 10. 005 | HH | 10238 | 107701 | 0. 12% | 0. 012% |
| 117 | 10. 010 | 10. 005 | 10. 018 | HH | 10251 | 74426 | 0. 08% | 0. 009% |
| 118 | 10. 035 | 10. 018 | 10. 049 | HH | 13131 | 219441 | 0. 25% | 0. 025% |
| 119 | 10. 073 | 10. 049 | 10. 106 | HH | 13318 | 394637 | 0. 44% | 0. 046% |
| 120 | 10. 120 | 10. 106 | 10. 139 | HH | 11667 | 207838 | 0. 23% | 0. 024% |
| 121 | 10. 151 | 10. 139 | 10. 166 | HH | 10750 | 165679 | 0. 19% | 0. 019% |
| 122 | 10. 201 | 10. 166 | 10. 218 | HH | 51697 | 763693 | 0. 85% | 0. 088% |
| 123 | 10. 231 | 10. 218 | 10. 265 | HH | 28060 | 521357 | 0. 58% | 0. 060% |
| 124 | 10. 295 | 10. 265 | 10. 306 | HH | 24239 | 439705 | 0. 49% | 0. 051% |
| 125 | 10. 322 | 10. 306 | 10. 345 | HH | 34530 | 605553 | 0. 68% | 0. 070% |
| 126 | 10. 362 | 10. 345 | 10. 392 | HH | 27023 | 526261 | 0. 59% | 0. 061% |
| 127 | 10. 405 | 10. 392 | 10. 414 | HH | 13935 | 166826 | 0. 19% | 0. 019% |
| 128 | 10. 438 | 10. 414 | 10. 469 | HH | 38455 | 796329 | 0. 89% | 0. 092% |
| 129 | 10. 506 | 10. 469 | 10. 550 | HH | 858614 | 10619521 | 11. 86% | 1. 224% |
| 130 | 10. 610 | 10. 550 | 10. 621 | HH | 50132 | 1181202 | 1. 32% | 0. 136% |
| 131 | 10. 646 | 10. 621 | 10. 685 | HH | 170168 | 2979333 | 3. 33% | 0. 344% |
| 132 | 10. 750 | 10. 685 | 10. 771 | HH | 39832 | 1342940 | 1. 50% | 0. 155% |
| 133 | 10. 797 | 10. 771 | 10. 814 | HH | 63063 | 1089104 | 1. 22% | 0. 126% |
| 134 | 10. 872 | 10. 814 | 10. 903 | HH | 2893763 | 46371110 | 51. 81% | 5. 346% |
| 135 | 10. 928 | 10. 903 | 10. 949 | HH | 502812 | 5482978 | 6. 13% | 0. 632% |
| 136 | 10. 960 | 10. 949 | 10. 991 | HH | 49595 | 959753 | 1. 07% | 0. 111% |
| 137 | 11. 003 | 10. 991 | 11. 047 | HH | 25293 | 755743 | 0. 84% | 0. 087% |
| 138 | 11. 063 | 11. 047 | 11. 074 | HH | 22073 | 335189 | 0. 37% | 0. 039% |
| 139 | 11. 097 | 11. 074 | 11. 117 | HH | 149954 | 1956270 | 2. 19% | 0. 226% |
| 140 | 11. 142 | 11. 117 | 11. 199 | HH | 538678 | 6804013 | 7. 60% | 0. 784% |
| 141 | 11. 213 | 11. 199 | 11. 226 | HH | 21948 | 347261 | 0. 39% | 0. 040% |

| rteres | | | | | | | | |
|--------|---------|---------|---------|----|---------|----------|----------|----------|
| 142 | 11. 249 | 11. 226 | 11. 259 | HH | 37376 | 584299 | 0. 65% | 0. 067% |
| 143 | 11. 279 | 11. 259 | 11. 300 | HH | 47142 | 961740 | 1. 07% | 0. 111% |
| 144 | 11. 330 | 11. 300 | 11. 344 | HH | 70514 | 1409865 | 1. 58% | 0. 163% |
| 145 | 11. 373 | 11. 344 | 11. 410 | HH | 147269 | 3178395 | 3. 55% | 0. 366% |
| 146 | 11. 443 | 11. 410 | 11. 476 | HH | 54467 | 1602209 | 1. 79% | 0. 185% |
| 147 | 11. 497 | 11. 476 | 11. 517 | HH | 43241 | 863107 | 0. 96% | 0. 100% |
| 148 | 11. 544 | 11. 517 | 11. 589 | HH | 81017 | 1808127 | 2. 02% | 0. 208% |
| 149 | 11. 611 | 11. 589 | 11. 621 | HH | 54321 | 792040 | 0. 88% | 0. 091% |
| 150 | 11. 650 | 11. 621 | 11. 665 | HH | 303374 | 4032426 | 4. 51% | 0. 465% |
| 151 | 11. 682 | 11. 665 | 11. 729 | HH | 411486 | 5339764 | 5. 97% | 0. 616% |
| 152 | 11. 766 | 11. 729 | 11. 782 | HH | 223620 | 3478245 | 3. 89% | 0. 401% |
| 153 | 11. 798 | 11. 782 | 11. 813 | HH | 161577 | 2050534 | 2. 29% | 0. 236% |
| 154 | 11. 830 | 11. 813 | 11. 856 | HH | 217369 | 2844151 | 3. 18% | 0. 328% |
| 155 | 11. 882 | 11. 856 | 11. 890 | HH | 52128 | 831761 | 0. 93% | 0. 096% |
| 156 | 11. 911 | 11. 890 | 11. 959 | HH | 124384 | 3215900 | 3. 59% | 0. 371% |
| 157 | 12. 041 | 11. 959 | 12. 095 | HH | 1083951 | 18440573 | 20. 60% | 2. 126% |
| 158 | 12. 120 | 12. 095 | 12. 146 | HH | 351674 | 4703518 | 5. 26% | 0. 542% |
| 159 | 12. 151 | 12. 146 | 12. 171 | HH | 54631 | 730016 | 0. 82% | 0. 084% |
| 160 | 12. 187 | 12. 171 | 12. 204 | HH | 48709 | 859642 | 0. 96% | 0. 099% |
| 161 | 12. 231 | 12. 204 | 12. 252 | HH | 153543 | 2535203 | 2. 83% | 0. 292% |
| 162 | 12. 266 | 12. 252 | 12. 296 | HH | 64731 | 1288069 | 1. 44% | 0. 149% |
| 163 | 12. 316 | 12. 296 | 12. 328 | HH | 43970 | 748286 | 0. 84% | 0. 086% |
| 164 | 12. 369 | 12. 328 | 12. 402 | HH | 667949 | 11602117 | 12. 96% | 1. 338% |
| 165 | 12. 418 | 12. 402 | 12. 430 | HH | 98818 | 1387167 | 1. 55% | 0. 160% |
| 166 | 12. 443 | 12. 430 | 12. 456 | HH | 101195 | 1319978 | 1. 47% | 0. 152% |
| 167 | 12. 460 | 12. 456 | 12. 502 | HH | 74221 | 1348969 | 1. 51% | 0. 156% |
| 168 | 12. 547 | 12. 502 | 12. 592 | HH | 649900 | 12259711 | 13. 70% | 1. 414% |
| 169 | 12. 614 | 12. 592 | 12. 647 | HH | 75999 | 2390804 | 2. 67% | 0. 276% |
| 170 | 12. 725 | 12. 647 | 12. 739 | HH | 3783779 | 89505563 | 100. 00% | 10. 320% |
| 171 | 12. 756 | 12. 739 | 12. 798 | HH | 160047 | 3142230 | 3. 51% | 0. 362% |
| 172 | 12. 824 | 12. 798 | 12. 834 | HH | 152098 | 2249525 | 2. 51% | 0. 259% |
| 173 | 12. 867 | 12. 834 | 12. 892 | HH | 281215 | 6118502 | 6. 84% | 0. 705% |
| 174 | 12. 922 | 12. 892 | 12. 951 | HH | 277525 | 5347558 | 5. 97% | 0. 617% |
| 175 | 13. 018 | 12. 951 | 13. 030 | HH | 3062771 | 59652077 | 66. 65% | 6. 878% |
| 176 | 13. 040 | 13. 030 | 13. 052 | HH | 260877 | 2720868 | 3. 04% | 0. 314% |
| 177 | 13. 072 | 13. 052 | 13. 100 | HH | 735667 | 9435094 | 10. 54% | 1. 088% |
| 178 | 13. 117 | 13. 100 | 13. 130 | HH | 72461 | 1286583 | 1. 44% | 0. 148% |
| 179 | 13. 153 | 13. 130 | 13. 168 | HH | 239238 | 3330858 | 3. 72% | 0. 384% |
| 180 | 13. 190 | 13. 168 | 13. 222 | HH | 314503 | 5576485 | 6. 23% | 0. 643% |
| 181 | 13. 245 | 13. 222 | 13. 270 | HH | 359174 | 4972866 | 5. 56% | 0. 573% |
| 182 | 13. 288 | 13. 270 | 13. 310 | HH | 110679 | 2161681 | 2. 42% | 0. 249% |
| 183 | 13. 326 | 13. 310 | 13. 349 | HH | 114229 | 1872337 | 2. 09% | 0. 216% |
| 184 | 13. 373 | 13. 349 | 13. 387 | HH | 104236 | 1762483 | 1. 97% | 0. 203% |
| 185 | 13. 398 | 13. 387 | 13. 409 | HH | 87955 | 1122543 | 1. 25% | 0. 129% |
| 186 | 13. 438 | 13. 409 | 13. 486 | HH | 386302 | 7937712 | 8. 87% | 0. 915% |
| 187 | 13. 568 | 13. 486 | 13. 610 | HH | 399109 | 12795087 | 14. 30% | 1. 475% |
| 188 | 13. 630 | 13. 610 | 13. 651 | HH | 148025 | 2724692 | 3. 04% | 0. 314% |
| 189 | 13. 677 | 13. 651 | 13. 695 | HH | 237625 | 4298287 | 4. 80% | 0. 496% |
| 190 | 13. 716 | 13. 695 | 13. 735 | HH | 357497 | 5262029 | 5. 88% | 0. 607% |
| 191 | 13. 751 | 13. 735 | 13. 771 | HH | 160681 | 2439858 | 2. 73% | 0. 281% |
| 192 | 13. 822 | 13. 771 | 13. 832 | HH | 187965 | 5277741 | 5. 90% | 0. 609% |
| 193 | 13. 849 | 13. 832 | 13. 870 | HH | 277987 | 4649441 | 5. 19% | 0. 536% |
| 194 | 13. 890 | 13. 870 | 13. 927 | HH | 221971 | 5028331 | 5. 62% | 0. 580% |

| | | | | rteres | | | | |
|-----|---------|---------|---------|--------|---------|----------|---------|---------|
| 195 | 13. 963 | 13. 927 | 13. 975 | HH | 112335 | 2753085 | 3. 08% | 0. 317% |
| 196 | 13. 989 | 13. 975 | 14. 019 | HH | 114128 | 2752397 | 3. 08% | 0. 317% |
| 197 | 14. 039 | 14. 019 | 14. 080 | HH | 151829 | 3784488 | 4. 23% | 0. 436% |
| 198 | 14. 091 | 14. 080 | 14. 105 | HH | 73309 | 1054947 | 1. 18% | 0. 122% |
| 199 | 14. 143 | 14. 105 | 14. 190 | HH | 111741 | 4873406 | 5. 44% | 0. 562% |
| 200 | 14. 200 | 14. 190 | 14. 216 | HH | 78858 | 1128100 | 1. 26% | 0. 130% |
| 201 | 14. 242 | 14. 216 | 14. 275 | HH | 140388 | 3748351 | 4. 19% | 0. 432% |
| 202 | 14. 326 | 14. 275 | 14. 355 | HH | 860705 | 15933499 | 17. 80% | 1. 837% |
| 203 | 14. 370 | 14. 355 | 14. 396 | HH | 123397 | 2755466 | 3. 08% | 0. 318% |
| 204 | 14. 409 | 14. 396 | 14. 433 | HH | 107710 | 2101676 | 2. 35% | 0. 242% |
| 205 | 14. 490 | 14. 433 | 14. 513 | HH | 722961 | 12752142 | 14. 25% | 1. 470% |
| 206 | 14. 555 | 14. 513 | 14. 580 | HH | 641349 | 14212610 | 15. 88% | 1. 639% |
| 207 | 14. 595 | 14. 580 | 14. 605 | HH | 231627 | 2927992 | 3. 27% | 0. 338% |
| 208 | 14. 637 | 14. 605 | 14. 658 | HH | 838756 | 14201041 | 15. 87% | 1. 637% |
| 209 | 14. 704 | 14. 658 | 14. 723 | HH | 247138 | 6676138 | 7. 46% | 0. 770% |
| 210 | 14. 737 | 14. 723 | 14. 770 | HH | 190786 | 4142997 | 4. 63% | 0. 478% |
| 211 | 14. 779 | 14. 770 | 14. 802 | HH | 93934 | 1680453 | 1. 88% | 0. 194% |
| 212 | 14. 840 | 14. 802 | 14. 847 | HH | 244832 | 4408046 | 4. 92% | 0. 508% |
| 213 | 14. 895 | 14. 847 | 14. 906 | HH | 915276 | 21532739 | 24. 06% | 2. 483% |
| 214 | 14. 936 | 14. 906 | 14. 954 | HH | 1759822 | 31234117 | 34. 90% | 3. 601% |
| 215 | 14. 961 | 14. 954 | 14. 977 | HH | 162285 | 2031771 | 2. 27% | 0. 234% |
| 216 | 15. 011 | 14. 977 | 15. 023 | HH | 217571 | 5129322 | 5. 73% | 0. 591% |
| 217 | 15. 038 | 15. 023 | 15. 077 | HH | 246912 | 6373980 | 7. 12% | 0. 735% |
| 218 | 15. 098 | 15. 077 | 15. 133 | HH | 154538 | 4601310 | 5. 14% | 0. 531% |
| 219 | 15. 176 | 15. 133 | 15. 194 | HH | 258201 | 6302138 | 7. 04% | 0. 727% |
| 220 | 15. 212 | 15. 194 | 15. 233 | HH | 232864 | 4321180 | 4. 83% | 0. 498% |
| 221 | 15. 237 | 15. 233 | 15. 264 | HH | 152570 | 2489515 | 2. 78% | 0. 287% |
| 222 | 15. 291 | 15. 264 | 15. 310 | HH | 225322 | 4880458 | 5. 45% | 0. 563% |
| 223 | 15. 320 | 15. 310 | 15. 338 | HH | 191047 | 2947583 | 3. 29% | 0. 340% |
| 224 | 15. 355 | 15. 338 | 15. 383 | HH | 176931 | 3709317 | 4. 14% | 0. 428% |
| 225 | 15. 415 | 15. 383 | 15. 435 | HH | 156988 | 3985568 | 4. 45% | 0. 460% |
| 226 | 15. 446 | 15. 435 | 15. 464 | HH | 137193 | 2172262 | 2. 43% | 0. 250% |
| 227 | 15. 479 | 15. 464 | 15. 493 | HH | 124889 | 2093456 | 2. 34% | 0. 241% |
| 228 | 15. 544 | 15. 493 | 15. 565 | HH | 688025 | 13007295 | 14. 53% | 1. 500% |
| 229 | 15. 579 | 15. 565 | 15. 615 | HH | 223285 | 4674522 | 5. 22% | 0. 539% |
| 230 | 15. 645 | 15. 615 | 15. 663 | HH | 124390 | 3279524 | 3. 66% | 0. 378% |
| 231 | 15. 690 | 15. 663 | 15. 735 | HH | 253181 | 7153504 | 7. 99% | 0. 825% |
| 232 | 15. 769 | 15. 735 | 15. 833 | HH | 260066 | 8027170 | 8. 97% | 0. 926% |
| 233 | 15. 856 | 15. 833 | 15. 875 | HH | 162933 | 3177547 | 3. 55% | 0. 366% |
| 234 | 15. 880 | 15. 875 | 15. 894 | HH | 108140 | 1173917 | 1. 31% | 0. 135% |
| 235 | 15. 920 | 15. 894 | 15. 956 | HH | 283008 | 6002903 | 6. 71% | 0. 692% |
| 236 | 15. 992 | 15. 956 | 16. 015 | HH | 106437 | 3434381 | 3. 84% | 0. 396% |
| 237 | 16. 066 | 16. 015 | 16. 097 | HH | 416493 | 9425820 | 10. 53% | 1. 087% |
| 238 | 16. 149 | 16. 097 | 16. 163 | HH | 157707 | 4837111 | 5. 40% | 0. 558% |
| 239 | 16. 180 | 16. 163 | 16. 204 | HH | 168556 | 3462185 | 3. 87% | 0. 399% |
| 240 | 16. 228 | 16. 204 | 16. 255 | HH | 175501 | 4256818 | 4. 76% | 0. 491% |
| 241 | 16. 263 | 16. 255 | 16. 268 | HH | 105098 | 761382 | 0. 85% | 0. 088% |
| 242 | 16. 305 | 16. 268 | 16. 331 | HH | 223951 | 6043311 | 6. 75% | 0. 697% |
| 243 | 16. 356 | 16. 331 | 16. 376 | HH | 159559 | 3853919 | 4. 31% | 0. 444% |
| 244 | 16. 409 | 16. 376 | 16. 414 | HH | 284641 | 4695584 | 5. 25% | 0. 541% |
| 245 | 16. 462 | 16. 414 | 16. 476 | HH | 1304166 | 29385440 | 32. 83% | 3. 388% |
| 246 | 16. 483 | 16. 476 | 16. 530 | HH | 898042 | 10558035 | 11. 80% | 1. 217% |

| rteres | | | | | | | | | |
|--------|--------|--------|--------|----|-------------------------|----------|-----------|--------|--|
| 247 | 16.568 | 16.530 | 16.586 | HH | 242298 | 6078391 | 6.79% | 0.701% | |
| 248 | 16.597 | 16.586 | 16.614 | HH | 155472 | 2287843 | 2.56% | 0.264% | |
| 249 | 16.626 | 16.614 | 16.649 | HH | 127656 | 2480024 | 2.77% | 0.286% | |
| 250 | 16.731 | 16.649 | 16.749 | HH | 860364 | 18266038 | 20.41% | 2.106% | |
| 251 | 16.778 | 16.749 | 16.797 | HH | 786118 | 13621342 | 15.22% | 1.570% | |
| 252 | 16.831 | 16.797 | 16.859 | HH | 530308 | 9722100 | 10.86% | 1.121% | |
| 253 | 16.915 | 16.859 | 16.942 | HH | 277785 | 7647701 | 8.54% | 0.882% | |
| | | | | | Sum of corrected areas: | | 867329206 | | |

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