

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE032621\  
 Data File : FE033452.D  
 Signal(s) : FID1B.CH  
 Acq On : 26 Mar 2021 16:23  
 Sample : M1821-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE031621.M  
 Title :

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         | 2.432       | 2.392        | 2.450      | BH       | -184           | -7672        | -0.12%         | -0.089%       |
| 2         | 2.458       | 2.450        | 2.580      | PH       | -376           | -93302       | -1.43%         | -1.086%       |
| 3         | 2.591       | 2.580        | 2.642      | PH       | -455           | -53477       | -0.82%         | -0.623%       |
| 4         | 2.657       | 2.642        | 2.684      | PH       | 3356           | -11036       | -0.17%         | -0.128%       |
| 5         | 2.696       | 2.684        | 2.731      | PH       | -1243          | -58743       | -0.90%         | -0.684%       |
| 6         | 2.741       | 2.731        | 2.845      | PH       | -2309          | -203107      | -3.11%         | -2.365%       |
| 7         | 2.867       | 2.845        | 2.914      | PH       | -3149          | -136199      | -2.09%         | -1.586%       |
| 8         | 2.921       | 2.914        | 2.954      | PH       | -3396          | -83714       | -1.28%         | -0.975%       |
| 9         | 2.967       | 2.954        | 3.019      | PH       | -2826          | -135012      | -2.07%         | -1.572%       |
| 10        | 3.045       | 3.019        | 3.075      | PH       | -1806          | -104721      | -1.60%         | -1.219%       |
| 11        | 3.090       | 3.075        | 3.112      | PH       | -2697          | -73167       | -1.12%         | -0.852%       |
| 12        | 3.124       | 3.112        | 3.162      | PH       | -3147          | -107974      | -1.65%         | -1.257%       |
| 13        | 3.177       | 3.162        | 3.204      | PH       | -3718          | -97206       | -1.49%         | -1.132%       |
| 14        | 3.220       | 3.204        | 3.232      | PH       | -3687          | -66571       | -1.02%         | -0.775%       |
| 15        | 3.241       | 3.232        | 3.262      | PH       | -3830          | -72151       | -1.10%         | -0.840%       |
| 16        | 3.271       | 3.262        | 3.289      | PH       | -4001          | -67096       | -1.03%         | -0.781%       |
| 17        | 3.309       | 3.289        | 3.374      | PH       | 1552           | -157917      | -2.42%         | -1.839%       |
| 18        | 3.383       | 3.374        | 3.414      | PH       | -3988          | -99212       | -1.52%         | -1.155%       |
| 19        | 3.430       | 3.414        | 3.465      | PH       | -3359          | -125239      | -1.92%         | -1.458%       |
| 20        | 3.476       | 3.465        | 3.495      | PH       | -4027          | -74166       | -1.14%         | -0.863%       |
| 21        | 3.505       | 3.495        | 3.525      | PH       | -4067          | -72841       | -1.12%         | -0.848%       |
| 22        | 3.542       | 3.525        | 3.560      | PH       | -4025          | -89123       | -1.36%         | -1.038%       |
| 23        | 3.594       | 3.560        | 3.640      | PH       | -3790          | -203186      | -3.11%         | -2.366%       |
| 24        | 3.648       | 3.640        | 3.689      | PH       | -4710          | -141851      | -2.17%         | -1.652%       |
| 25        | 3.712       | 3.689        | 3.794      | PH       | -3889          | -296270      | -4.54%         | -3.449%       |
| 26        | 3.816       | 3.794        | 3.845      | PH       | -5000          | -159814      | -2.45%         | -1.861%       |
| 27        | 3.852       | 3.845        | 3.862      | PH       | -5159          | -52431       | -0.80%         | -0.610%       |
| 28        | 3.888       | 3.862        | 3.940      | PH       | -5136          | -246274      | -3.77%         | -2.867%       |
| 29        | 3.951       | 3.940        | 3.984      | PH       | -5212          | -139271      | -2.13%         | -1.621%       |
| 30        | 4.003       | 3.984        | 4.035      | PH       | -4605          | -156506      | -2.40%         | -1.822%       |
| 31        | 4.061       | 4.035        | 4.088      | PH       | 135138         | 957692       | 14.67%         | 11.150%       |
| 32        | 4.109       | 4.088        | 4.158      | PH       | 2695           | -106847      | -1.64%         | -1.244%       |
| 33        | 4.172       | 4.158        | 4.190      | PH       | -4960          | -99682       | -1.53%         | -1.161%       |
| 34        | 4.198       | 4.190        | 4.214      | PH       | -5120          | -72925       | -1.12%         | -0.849%       |
| 35        | 4.229       | 4.214        | 4.302      | PH       | 32066          | 99617        | 1.53%          | 1.160%        |
| 36        | 4.312       | 4.302        | 4.322      | PH       | -4919          | -59691       | -0.91%         | -0.695%       |

| rteres |       |       |       |    |       |         |        |         |
|--------|-------|-------|-------|----|-------|---------|--------|---------|
| 37     | 4.337 | 4.322 | 4.373 | PH | -4821 | -155649 | -2.38% | -1.812% |
| 38     | 4.389 | 4.373 | 4.399 | PH | -5324 | -84940  | -1.30% | -0.989% |
| 39     | 4.414 | 4.399 | 4.429 | PH | -4963 | -92130  | -1.41% | -1.073% |
| 40     | 4.448 | 4.429 | 4.461 | PH | -4359 | -96413  | -1.48% | -1.123% |
| 41     | 4.482 | 4.461 | 4.501 | PH | -3287 | -107097 | -1.64% | -1.247% |
| 42     | 4.518 | 4.501 | 4.540 | PH | -3792 | -111653 | -1.71% | -1.300% |
| 43     | 4.550 | 4.540 | 4.562 | PH | -5237 | -68953  | -1.06% | -0.803% |
| 44     | 4.576 | 4.562 | 4.607 | PH | -4225 | -137017 | -2.10% | -1.595% |
| 45     | 4.627 | 4.607 | 4.680 | PH | 6969  | -124098 | -1.90% | -1.445% |
| 46     | 4.688 | 4.680 | 4.742 | PH | -5457 | -209817 | -3.21% | -2.443% |
| 47     | 4.768 | 4.742 | 4.777 | PH | -5675 | -117841 | -1.80% | -1.372% |
| 48     | 4.792 | 4.777 | 4.800 | PH | -4711 | -74781  | -1.15% | -0.871% |
| 49     | 4.814 | 4.800 | 4.839 | PH | -3866 | -115947 | -1.78% | -1.350% |
| 50     | 4.868 | 4.839 | 4.884 | PH | -5485 | -150808 | -2.31% | -1.756% |
| 51     | 4.929 | 4.884 | 4.939 | PH | -5404 | -182702 | -2.80% | -2.127% |
| 52     | 4.963 | 4.939 | 4.999 | PH | -5390 | -202277 | -3.10% | -2.355% |
| 53     | 5.021 | 4.999 | 5.032 | PH | -5595 | -113586 | -1.74% | -1.322% |
| 54     | 5.047 | 5.032 | 5.057 | PH | -4496 | -76740  | -1.18% | -0.893% |
| 55     | 5.072 | 5.057 | 5.137 | PH | 3139  | -192205 | -2.94% | -2.238% |
| 56     | 5.153 | 5.137 | 5.185 | PH | -5154 | -163100 | -2.50% | -1.899% |
| 57     | 5.219 | 5.185 | 5.245 | PH | -5623 | -209856 | -3.21% | -2.443% |
| 58     | 5.256 | 5.245 | 5.279 | PH | -5883 | -121119 | -1.85% | -1.410% |
| 59     | 5.290 | 5.279 | 5.307 | PH | -5897 | -99737  | -1.53% | -1.161% |
| 60     | 5.333 | 5.307 | 5.353 | PH | -2267 | -130138 | -1.99% | -1.515% |
| 61     | 5.364 | 5.353 | 5.372 | PH | -5479 | -60961  | -0.93% | -0.710% |
| 62     | 5.390 | 5.372 | 5.421 | PH | -505  | -119044 | -1.82% | -1.386% |
| 63     | 5.433 | 5.421 | 5.454 | PH | -5782 | -119572 | -1.83% | -1.392% |
| 64     | 5.470 | 5.454 | 5.489 | PH | -5877 | -123295 | -1.89% | -1.435% |
| 65     | 5.553 | 5.489 | 5.602 | PH | -1251 | -344572 | -5.28% | -4.012% |
| 66     | 5.620 | 5.602 | 5.659 | PH | -4484 | -186635 | -2.86% | -2.173% |
| 67     | 5.682 | 5.659 | 5.707 | PH | -5558 | -166689 | -2.55% | -1.941% |
| 68     | 5.727 | 5.707 | 5.740 | PH | -5295 | -112835 | -1.73% | -1.314% |
| 69     | 5.750 | 5.740 | 5.770 | PH | -5379 | -100189 | -1.53% | -1.166% |
| 70     | 5.784 | 5.770 | 5.802 | PH | -5836 | -115159 | -1.76% | -1.341% |
| 71     | 5.813 | 5.802 | 5.833 | PH | -5638 | -108044 | -1.65% | -1.258% |
| 72     | 5.855 | 5.833 | 5.875 | PH | -4544 | -131834 | -2.02% | -1.535% |
| 73     | 5.890 | 5.875 | 5.920 | PH | -5597 | -161088 | -2.47% | -1.875% |
| 74     | 5.936 | 5.920 | 5.952 | PH | -5885 | -112666 | -1.73% | -1.312% |
| 75     | 5.968 | 5.952 | 6.004 | PH | -5812 | -187263 | -2.87% | -2.180% |
| 76     | 6.035 | 6.004 | 6.080 | PH | -3273 | -217815 | -3.34% | -2.536% |
| 77     | 6.092 | 6.080 | 6.105 | PH | -5526 | -86332  | -1.32% | -1.005% |
| 78     | 6.122 | 6.105 | 6.152 | PH | -3768 | -143626 | -2.20% | -1.672% |
| 79     | 6.164 | 6.152 | 6.184 | PH | -5462 | -109389 | -1.68% | -1.274% |
| 80     | 6.211 | 6.184 | 6.262 | PH | -2127 | -227094 | -3.48% | -2.644% |
| 81     | 6.277 | 6.262 | 6.288 | PH | -5859 | -93268  | -1.43% | -1.086% |
| 82     | 6.304 | 6.288 | 6.314 | PH | -5829 | -90362  | -1.38% | -1.052% |
| 83     | 6.340 | 6.314 | 6.370 | PH | -3467 | -164985 | -2.53% | -1.921% |
| 84     | 6.386 | 6.370 | 6.417 | PH | -5849 | -168112 | -2.57% | -1.957% |
| 85     | 6.431 | 6.417 | 6.464 | PH | -5617 | -165766 | -2.54% | -1.930% |
| 86     | 6.507 | 6.464 | 6.545 | PH | -4772 | -275320 | -4.22% | -3.205% |
| 87     | 6.565 | 6.545 | 6.580 | PH | -5510 | -124887 | -1.91% | -1.454% |
| 88     | 6.588 | 6.580 | 6.602 | PH | -5697 | -75766  | -1.16% | -0.882% |
| 89     | 6.611 | 6.602 | 6.628 | PH | -5588 | -91153  | -1.40% | -1.061% |

| rteres |       |       |       |    |        |         |        |         |
|--------|-------|-------|-------|----|--------|---------|--------|---------|
| 90     | 6.638 | 6.628 | 6.670 | PH | -6001  | -153527 | -2.35% | -1.787% |
| 91     | 6.715 | 6.670 | 6.728 | PH | -6008  | -216914 | -3.32% | -2.525% |
| 92     | 6.768 | 6.728 | 6.795 | PH | -5421  | -243698 | -3.73% | -2.837% |
| 93     | 6.829 | 6.795 | 6.866 | PH | -5869  | -261318 | -4.00% | -3.042% |
| 94     | 6.878 | 6.866 | 6.908 | PH | -6231  | -160422 | -2.46% | -1.868% |
| 95     | 6.945 | 6.908 | 6.987 | PH | -3737  | -258938 | -3.97% | -3.015% |
| 96     | 7.005 | 6.987 | 7.077 | PH | -5209  | -321934 | -4.93% | -3.748% |
| 97     | 7.143 | 7.077 | 7.180 | PH | -5045  | -360179 | -5.52% | -4.193% |
| 98     | 7.198 | 7.180 | 7.237 | PH | -5731  | -210340 | -3.22% | -2.449% |
| 99     | 7.253 | 7.237 | 7.269 | PH | -5829  | -115056 | -1.76% | -1.340% |
| 100    | 7.285 | 7.269 | 7.345 | PH | -5563  | -281200 | -4.31% | -3.274% |
| 101    | 7.370 | 7.345 | 7.390 | PH | -5792  | -166353 | -2.55% | -1.937% |
| 102    | 7.415 | 7.390 | 7.462 | PH | -3865  | -247846 | -3.80% | -2.886% |
| 103    | 7.487 | 7.462 | 7.506 | PH | -5651  | -161225 | -2.47% | -1.877% |
| 104    | 7.544 | 7.506 | 7.610 | PH | -5544  | -377798 | -5.79% | -4.399% |
| 105    | 7.632 | 7.610 | 7.655 | PH | -5867  | -164451 | -2.52% | -1.915% |
| 106    | 7.704 | 7.655 | 7.738 | PH | 40     | -236143 | -3.62% | -2.749% |
| 107    | 7.754 | 7.738 | 7.791 | PH | -5710  | -188619 | -2.89% | -2.196% |
| 108    | 7.834 | 7.791 | 7.848 | PH | -5024  | -188699 | -2.89% | -2.197% |
| 109    | 7.870 | 7.848 | 7.888 | PH | 2550   | -54322  | -0.83% | -0.632% |
| 110    | 7.898 | 7.888 | 7.922 | PH | -4232  | -99451  | -1.52% | -1.158% |
| 111    | 7.936 | 7.922 | 7.960 | PH | -5522  | -136073 | -2.08% | -1.584% |
| 112    | 7.981 | 7.960 | 7.995 | PH | -4783  | -116441 | -1.78% | -1.356% |
| 113    | 8.011 | 7.995 | 8.026 | PH | -4416  | -92901  | -1.42% | -1.082% |
| 114    | 8.037 | 8.026 | 8.055 | PH | -5054  | -98165  | -1.50% | -1.143% |
| 115    | 8.063 | 8.055 | 8.089 | PH | -5867  | -119420 | -1.83% | -1.390% |
| 116    | 8.109 | 8.089 | 8.147 | PH | -4340  | -194409 | -2.98% | -2.263% |
| 117    | 8.178 | 8.147 | 8.204 | PH | -4057  | -182165 | -2.79% | -2.121% |
| 118    | 8.253 | 8.204 | 8.273 | PH | 32886  | 205807  | 3.15%  | 2.396%  |
| 119    | 8.285 | 8.273 | 8.305 | PH | 5354   | 3568    | 0.05%  | 0.042%  |
| 120    | 8.347 | 8.305 | 8.377 | PH | 115519 | 1069293 | 16.37% | 12.449% |
| 121    | 8.402 | 8.377 | 8.450 | PH | -4680  | -230608 | -3.53% | -2.685% |
| 122    | 8.461 | 8.450 | 8.470 | PH | -5662  | -69542  | -1.06% | -0.810% |
| 123    | 8.478 | 8.470 | 8.499 | PH | -5730  | -98862  | -1.51% | -1.151% |
| 124    | 8.518 | 8.499 | 8.542 | PH | -5096  | -141386 | -2.17% | -1.646% |
| 125    | 8.561 | 8.542 | 8.596 | PH | -5523  | -182469 | -2.79% | -2.124% |
| 126    | 8.613 | 8.596 | 8.624 | PH | -5740  | -97403  | -1.49% | -1.134% |
| 127    | 8.649 | 8.624 | 8.673 | PH | -2569  | -134790 | -2.06% | -1.569% |
| 128    | 8.724 | 8.673 | 8.735 | PH | -3764  | -181151 | -2.77% | -2.109% |
| 129    | 8.770 | 8.735 | 8.804 | PH | 17755  | 121369  | 1.86%  | 1.413%  |
| 130    | 8.820 | 8.804 | 8.852 | PH | -3399  | -135904 | -2.08% | -1.582% |
| 131    | 8.874 | 8.852 | 8.921 | PH | -4504  | -209471 | -3.21% | -2.439% |
| 132    | 8.930 | 8.921 | 8.953 | PH | -5447  | -107530 | -1.65% | -1.252% |
| 133    | 8.969 | 8.953 | 8.990 | PH | -5303  | -123403 | -1.89% | -1.437% |
| 134    | 9.021 | 8.990 | 9.040 | PH | -4017  | -143637 | -2.20% | -1.672% |
| 135    | 9.058 | 9.040 | 9.078 | PH | 1881   | -48891  | -0.75% | -0.569% |
| 136    | 9.107 | 9.078 | 9.130 | PH | -489   | -114228 | -1.75% | -1.330% |
| 137    | 9.159 | 9.130 | 9.182 | PH | 1007   | -107083 | -1.64% | -1.247% |
| 138    | 9.222 | 9.182 | 9.239 | PH | -5238  | -185975 | -2.85% | -2.165% |
| 139    | 9.251 | 9.239 | 9.274 | PH | -5517  | -120037 | -1.84% | -1.398% |
| 140    | 9.301 | 9.274 | 9.327 | PH | -4778  | -171274 | -2.62% | -1.994% |
| 141    | 9.345 | 9.327 | 9.377 | PH | -2662  | -138197 | -2.12% | -1.609% |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 142 | 9.425  | 9.377  | 9.460  | PH | -1817  | -230433 | -3.53% | -2.683% |
| 143 | 9.485  | 9.460  | 9.510  | PH | -2519  | -123195 | -1.89% | -1.434% |
| 144 | 9.526  | 9.510  | 9.545  | PH | -4473  | -103531 | -1.59% | -1.205% |
| 145 | 9.562  | 9.545  | 9.589  | PH | -4475  | -129920 | -1.99% | -1.513% |
| 146 | 9.614  | 9.589  | 9.642  | PH | -4820  | -166976 | -2.56% | -1.944% |
| 147 | 9.666  | 9.642  | 9.686  | PH | -4636  | -136190 | -2.09% | -1.586% |
| 148 | 9.723  | 9.686  | 9.740  | PH | -3903  | -148236 | -2.27% | -1.726% |
| 149 | 9.755  | 9.740  | 9.782  | PH | -4242  | -124202 | -1.90% | -1.446% |
| 150 | 9.818  | 9.782  | 9.863  | PH | -3493  | -214320 | -3.28% | -2.495% |
| 151 | 9.885  | 9.863  | 9.935  | PH | -53    | -162223 | -2.48% | -1.889% |
| 152 | 9.959  | 9.935  | 9.974  | PH | -4031  | -106792 | -1.64% | -1.243% |
| 153 | 9.989  | 9.974  | 10.014 | PH | -3696  | -108087 | -1.66% | -1.258% |
| 154 | 10.038 | 10.014 | 10.076 | PH | -358   | -132757 | -2.03% | -1.546% |
| 155 | 10.102 | 10.076 | 10.123 | PH | -4993  | -143901 | -2.20% | -1.675% |
| 156 | 10.159 | 10.123 | 10.179 | PH | -4459  | -163006 | -2.50% | -1.898% |
| 157 | 10.188 | 10.179 | 10.197 | PH | -4886  | -54444  | -0.83% | -0.634% |
| 158 | 10.224 | 10.197 | 10.247 | PH | -2014  | -108914 | -1.67% | -1.268% |
| 159 | 10.271 | 10.247 | 10.299 | PH | -1442  | -96732  | -1.48% | -1.126% |
| 160 | 10.325 | 10.299 | 10.350 | PH | -912   | -92089  | -1.41% | -1.072% |
| 161 | 10.362 | 10.350 | 10.387 | PH | -3506  | -86489  | -1.32% | -1.007% |
| 162 | 10.413 | 10.387 | 10.456 | PH | -480   | -114979 | -1.76% | -1.339% |
| 163 | 10.465 | 10.456 | 10.484 | PH | -4007  | -69490  | -1.06% | -0.809% |
| 164 | 10.510 | 10.484 | 10.537 | PH | -319   | -86690  | -1.33% | -1.009% |
| 165 | 10.574 | 10.537 | 10.586 | PH | -2114  | -87137  | -1.33% | -1.015% |
| 166 | 10.601 | 10.586 | 10.610 | PH | -1170  | -27950  | -0.43% | -0.325% |
| 167 | 10.623 | 10.610 | 10.664 | PH | -642   | -85108  | -1.30% | -0.991% |
| 168 | 10.693 | 10.664 | 10.707 | PH | -2120  | -74118  | -1.14% | -0.863% |
| 169 | 10.722 | 10.707 | 10.739 | PH | -1542  | -42438  | -0.65% | -0.494% |
| 170 | 10.765 | 10.739 | 10.825 | PH | 8051   | -53633  | -0.82% | -0.624% |
| 171 | 10.842 | 10.825 | 10.857 | PH | -3443  | -70929  | -1.09% | -0.826% |
| 172 | 10.891 | 10.857 | 10.922 | PH | -854   | -95162  | -1.46% | -1.108% |
| 173 | 10.941 | 10.922 | 10.977 | PH | 111    | -67294  | -1.03% | -0.783% |
| 174 | 10.995 | 10.977 | 11.030 | PH | -1288  | -79650  | -1.22% | -0.927% |
| 175 | 11.049 | 11.030 | 11.065 | PH | -2716  | -62164  | -0.95% | -0.724% |
| 176 | 11.075 | 11.065 | 11.087 | PH | -2792  | -38944  | -0.60% | -0.453% |
| 177 | 11.103 | 11.087 | 11.120 | PH | -1048  | -43952  | -0.67% | -0.512% |
| 178 | 11.132 | 11.120 | 11.167 | PH | -2394  | -85429  | -1.31% | -0.995% |
| 179 | 11.181 | 11.167 | 11.199 | PH | -3269  | -66682  | -1.02% | -0.776% |
| 180 | 11.216 | 11.199 | 11.234 | PH | -3325  | -73209  | -1.12% | -0.852% |
| 181 | 11.258 | 11.234 | 11.282 | PH | -2578  | -89013  | -1.36% | -1.036% |
| 182 | 11.326 | 11.282 | 11.385 | PH | -288   | -147055 | -2.25% | -1.712% |
| 183 | 11.414 | 11.385 | 11.464 | PH | -1278  | -119543 | -1.83% | -1.392% |
| 184 | 11.487 | 11.464 | 11.499 | PH | -2241  | -60425  | -0.93% | -0.704% |
| 185 | 11.519 | 11.499 | 11.549 | PH | 2856   | -32822  | -0.50% | -0.382% |
| 186 | 11.577 | 11.549 | 11.603 | PH | 2199   | -38435  | -0.59% | -0.447% |
| 187 | 11.626 | 11.603 | 11.659 | PH | -1646  | -71310  | -1.09% | -0.830% |
| 188 | 11.677 | 11.659 | 11.714 | PH | -1147  | -61835  | -0.95% | -0.720% |
| 189 | 11.744 | 11.714 | 11.785 | PH | -654   | -87228  | -1.34% | -1.016% |
| 190 | 11.811 | 11.785 | 11.832 | PH | -1053  | -59127  | -0.91% | -0.688% |
| 191 | 11.850 | 11.832 | 11.865 | PH | -2128  | -48067  | -0.74% | -0.560% |
| 192 | 11.873 | 11.865 | 11.914 | PH | -2524  | -81964  | -1.26% | -0.954% |
| 193 | 11.932 | 11.914 | 11.950 | PH | -2936  | -66795  | -1.02% | -0.778% |
| 194 | 11.996 | 11.950 | 12.022 | PH | -968   | -88064  | -1.35% | -1.025% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 195 | 12.045 | 12.022 | 12.062 | PH | -1535  | -49498  | -0.76%  | -0.576% |
| 196 | 12.086 | 12.062 | 12.117 | PH | 630    | -36632  | -0.56%  | -0.426% |
| 197 | 12.128 | 12.117 | 12.172 | PH | -2226  | -81821  | -1.25%  | -0.953% |
| 198 | 12.203 | 12.172 | 12.214 | PH | -1898  | -57621  | -0.88%  | -0.671% |
| 199 | 12.259 | 12.214 | 12.390 | PH | 224658 | 3331287 | 51.01%  | 38.785% |
| 200 | 12.404 | 12.390 | 12.418 | PH | -439   | -12029  | -0.18%  | -0.140% |
| 201 | 12.433 | 12.418 | 12.478 | PH | -243   | -35156  | -0.54%  | -0.409% |
| 202 | 12.494 | 12.478 | 12.510 | PH | -1439  | -31527  | -0.48%  | -0.367% |
| 203 | 12.526 | 12.510 | 12.539 | PH | -1587  | -29794  | -0.46%  | -0.347% |
| 204 | 12.574 | 12.539 | 12.595 | PH | -397   | -38368  | -0.59%  | -0.447% |
| 205 | 12.634 | 12.595 | 12.658 | PH | 1760   | -23382  | -0.36%  | -0.272% |
| 206 | 12.696 | 12.658 | 12.724 | PH | 51     | -40922  | -0.63%  | -0.476% |
| 207 | 12.747 | 12.724 | 12.771 | PH | 4866   | 38404   | 0.59%   | 0.447%  |
| 208 | 12.788 | 12.771 | 12.815 | PH | 448    | -27026  | -0.41%  | -0.315% |
| 209 | 12.867 | 12.815 | 12.889 | PH | 3257   | -24777  | -0.38%  | -0.288% |
| 210 | 12.909 | 12.889 | 12.942 | PH | 294    | -22833  | -0.35%  | -0.266% |
| 211 | 12.974 | 12.942 | 13.010 | PH | 16233  | 163578  | 2.50%   | 1.904%  |
| 212 | 13.039 | 13.010 | 13.072 | PH | 982    | -18300  | -0.28%  | -0.213% |
| 213 | 13.098 | 13.072 | 13.138 | PH | 1544   | -6253   | -0.10%  | -0.073% |
| 214 | 13.154 | 13.138 | 13.177 | PH | -581   | -28793  | -0.44%  | -0.335% |
| 215 | 13.190 | 13.177 | 13.217 | PH | -1781  | -47958  | -0.73%  | -0.558% |
| 216 | 13.259 | 13.217 | 13.292 | PH | 17443  | 211457  | 3.24%   | 2.462%  |
| 217 | 13.311 | 13.292 | 13.379 | HH | 8915   | 110967  | 1.70%   | 1.292%  |
| 218 | 13.388 | 13.379 | 13.410 | PH | -568   | -20042  | -0.31%  | -0.233% |
| 219 | 13.436 | 13.410 | 13.449 | PH | 623    | -15112  | -0.23%  | -0.176% |
| 220 | 13.476 | 13.449 | 13.590 | PH | 59520  | 684083  | 10.48%  | 7.965%  |
| 221 | 13.620 | 13.590 | 13.658 | PH | -885   | -52718  | -0.81%  | -0.614% |
| 222 | 13.672 | 13.658 | 13.686 | PH | -1486  | -26211  | -0.40%  | -0.305% |
| 223 | 13.701 | 13.686 | 13.723 | PH | -1545  | -39052  | -0.60%  | -0.455% |
| 224 | 13.785 | 13.723 | 13.810 | PH | 5019   | -6510   | -0.10%  | -0.076% |
| 225 | 13.833 | 13.810 | 13.875 | PH | -33    | -59629  | -0.91%  | -0.694% |
| 226 | 13.893 | 13.875 | 13.909 | PH | -2011  | -45555  | -0.70%  | -0.530% |
| 227 | 13.932 | 13.909 | 14.000 | PH | -1868  | -132117 | -2.02%  | -1.538% |
| 228 | 14.016 | 14.000 | 14.028 | PH | -2643  | -45996  | -0.70%  | -0.536% |
| 229 | 14.053 | 14.028 | 14.113 | PH | -2268  | -133847 | -2.05%  | -1.558% |
| 230 | 14.121 | 14.113 | 14.174 | PH | -2807  | -108351 | -1.66%  | -1.262% |
| 231 | 14.227 | 14.174 | 14.318 | PH | 6275   | -72687  | -1.11%  | -0.846% |
| 232 | 14.335 | 14.318 | 14.367 | PH | -2655  | -85573  | -1.31%  | -0.996% |
| 233 | 14.398 | 14.367 | 14.422 | PH | 5384   | 13804   | 0.21%   | 0.161%  |
| 234 | 14.450 | 14.422 | 14.480 | PH | 5087   | 22286   | 0.34%   | 0.259%  |
| 235 | 14.489 | 14.480 | 14.535 | PH | -1296  | -69377  | -1.06%  | -0.808% |
| 236 | 14.554 | 14.535 | 14.577 | PH | -2679  | -73842  | -1.13%  | -0.860% |
| 237 | 14.611 | 14.577 | 14.645 | PH | 3869   | -36878  | -0.56%  | -0.429% |
| 238 | 14.661 | 14.645 | 14.695 | PH | -2517  | -82344  | -1.26%  | -0.959% |
| 239 | 14.738 | 14.695 | 14.773 | PH | 479389 | 6530167 | 100.00% | 76.029% |
| 240 | 14.786 | 14.773 | 14.850 | PH | 643    | -80606  | -1.23%  | -0.938% |
| 241 | 14.899 | 14.850 | 14.918 | PH | -18    | -75180  | -1.15%  | -0.875% |
| 242 | 14.935 | 14.918 | 14.959 | PH | 1860   | -15399  | -0.24%  | -0.179% |
| 243 | 14.980 | 14.959 | 15.028 | PH | 706    | -86472  | -1.32%  | -1.007% |
| 244 | 15.045 | 15.028 | 15.065 | PH | -3199  | -73687  | -1.13%  | -0.858% |
| 245 | 15.084 | 15.065 | 15.109 | PH | -1807  | -70558  | -1.08%  | -0.821% |
| 246 | 15.135 | 15.109 | 15.192 | PH | -2586  | -155104 | -2.38%  | -1.806% |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 247 | 15.200 | 15.192 | 15.217 | PH | -3292  | -50703  | -0.78% | -0.590% |
| 248 | 15.315 | 15.217 | 15.430 | PH | 289547 | 3587448 | 54.94% | 41.768% |
| 249 | 15.457 | 15.430 | 15.490 | PH | 3732   | -9474   | -0.15% | -0.110% |
| 250 | 15.533 | 15.490 | 15.564 | PH | 11680  | 79122   | 1.21%  | 0.921%  |
| 251 | 15.585 | 15.564 | 15.617 | PH | -1819  | -78644  | -1.20% | -0.916% |
| 252 | 15.630 | 15.617 | 15.647 | PH | -2653  | -50415  | -0.77% | -0.587% |
| 253 | 15.666 | 15.647 | 15.723 | PH | -1101  | -104206 | -1.60% | -1.213% |
| 254 | 15.747 | 15.723 | 15.767 | PH | -2209  | -68527  | -1.05% | -0.798% |
| 255 | 15.776 | 15.767 | 15.805 | PH | -2685  | -65773  | -1.01% | -0.766% |
| 256 | 15.835 | 15.805 | 15.901 | PH | 3373   | -68209  | -1.04% | -0.794% |
| 257 | 15.916 | 15.901 | 15.930 | PH | -3042  | -53545  | -0.82% | -0.623% |
| 258 | 15.957 | 15.930 | 16.003 | PH | 5048   | -18175  | -0.28% | -0.212% |
| 259 | 16.017 | 16.003 | 16.076 | PH | -1972  | -118338 | -1.81% | -1.378% |
| 260 | 16.091 | 16.076 | 16.114 | PH | -2988  | -68786  | -1.05% | -0.801% |
| 261 | 16.152 | 16.114 | 16.205 | PH | -2287  | -152376 | -2.33% | -1.774% |
| 262 | 16.214 | 16.205 | 16.227 | PH | -2841  | -37906  | -0.58% | -0.441% |
| 263 | 16.261 | 16.227 | 16.295 | PH | -1783  | -94116  | -1.44% | -1.096% |
| 264 | 16.328 | 16.295 | 16.374 | PH | 20304  | 261152  | 4.00%  | 3.041%  |
| 265 | 16.402 | 16.374 | 16.417 | PH | 122    | -14575  | -0.22% | -0.170% |
| 266 | 16.439 | 16.417 | 16.472 | PH | 5543   | 21158   | 0.32%  | 0.246%  |
| 267 | 16.517 | 16.472 | 16.545 | PH | 595    | -71595  | -1.10% | -0.834% |
| 268 | 16.567 | 16.545 | 16.616 | PH | 852    | -65147  | -1.00% | -0.758% |
| 269 | 16.638 | 16.616 | 16.667 | PH | -2124  | -74744  | -1.14% | -0.870% |
| 270 | 16.698 | 16.667 | 16.773 | PH | 1970   | -17074  | -0.26% | -0.199% |
| 271 | 16.805 | 16.773 | 16.851 | PH | -743   | -65080  | -1.00% | -0.758% |
| 272 | 16.906 | 16.851 | 16.932 | PH | 7184   | 33609   | 0.51%  | 0.391%  |
| 273 | 16.957 | 16.932 | 17.010 | PH | 11067  | 94361   | 1.45%  | 1.099%  |
| 274 | 17.038 | 17.010 | 17.071 | PH | -2108  | -82544  | -1.26% | -0.961% |
| 275 | 17.103 | 17.071 | 17.124 | PH | -2074  | -71510  | -1.10% | -0.833% |
| 276 | 17.143 | 17.124 | 17.165 | PH | -1838  | -50278  | -0.77% | -0.585% |
| 277 | 17.191 | 17.165 | 17.215 | PH | -1985  | -63604  | -0.97% | -0.741% |
| 278 | 17.272 | 17.215 | 17.317 | PH | 4084   | 5748    | 0.09%  | 0.067%  |
| 279 | 17.356 | 17.317 | 17.414 | PH | 13157  | 115581  | 1.77%  | 1.346%  |
| 280 | 17.440 | 17.414 | 17.542 | PH | 561    | -103743 | -1.59% | -1.208% |
| 281 | 17.577 | 17.542 | 17.602 | PH | -1606  | -63009  | -0.96% | -0.734% |
| 282 | 17.634 | 17.602 | 17.660 | PH | -1077  | -47350  | -0.73% | -0.551% |
| 283 | 17.722 | 17.660 | 17.734 | PH | 810    | -26362  | -0.40% | -0.307% |
| 284 | 17.750 | 17.734 | 17.765 | HH | 1490   | 19665   | 0.30%  | 0.229%  |
| 285 | 17.793 | 17.765 | 17.823 | HH | 12942  | 162045  | 2.48%  | 1.887%  |
| 286 | 17.883 | 17.823 | 17.954 | PH | 5221   | 40927   | 0.63%  | 0.477%  |
| 287 | 17.977 | 17.954 | 17.994 | PH | -653   | -19052  | -0.29% | -0.222% |
| 288 | 18.024 | 17.994 | 18.050 | PH | 3763   | 33233   | 0.51%  | 0.387%  |
| 289 | 18.070 | 18.050 | 18.092 | PH | 46     | -5175   | -0.08% | -0.060% |
| 290 | 18.150 | 18.092 | 18.194 | PH | 104119 | 1663729 | 25.48% | 19.370% |
| 291 | 18.218 | 18.194 | 18.275 | HH | 20125  | 320678  | 4.91%  | 3.734%  |
| 292 | 18.308 | 18.275 | 18.380 | PH | 7476   | 101459  | 1.55%  | 1.181%  |
| 293 | 18.419 | 18.380 | 18.446 | PH | 234    | -873    | -0.01% | -0.010% |
| 294 | 18.485 | 18.446 | 18.495 | HH | 482    | 7140    | 0.11%  | 0.083%  |
| 295 | 18.515 | 18.495 | 18.549 | HH | 1090   | 22339   | 0.34%  | 0.260%  |
| 296 | 18.573 | 18.549 | 18.590 | HH | 4265   | 68797   | 1.05%  | 0.801%  |
| 297 | 18.624 | 18.590 | 18.685 | HH | 18863  | 400148  | 6.13%  | 4.659%  |
| 298 | 18.731 | 18.685 | 18.770 | HH | 7708   | 217536  | 3.33%  | 2.533%  |
| 299 | 18.783 | 18.770 | 18.850 | HH | 2537   | 74926   | 1.15%  | 0.872%  |

|     |        |        |        |    |                         |         |         |         |
|-----|--------|--------|--------|----|-------------------------|---------|---------|---------|
|     |        |        |        |    | rteres                  |         |         |         |
| 300 | 18.889 | 18.850 | 18.922 | HH | 2375                    | 71466   | 1.09%   | 0.832%  |
| 301 | 18.978 | 18.922 | 19.008 | HH | 80028                   | 1349130 | 20.66%  | 15.708% |
| 302 | 19.028 | 19.008 | 19.078 | HH | 26062                   | 569113  | 8.72%   | 6.626%  |
| 303 | 19.115 | 19.078 | 19.150 | HH | 4933                    | 185121  | 2.83%   | 2.155%  |
| 304 | 19.222 | 19.150 | 19.247 | HH | 12501                   | 354489  | 5.43%   | 4.127%  |
| 305 | 19.264 | 19.247 | 19.297 | HH | 5025                    | 122695  | 1.88%   | 1.428%  |
| 306 | 19.318 | 19.297 | 19.355 | HH | 3806                    | 118550  | 1.82%   | 1.380%  |
| 307 | 19.410 | 19.355 | 19.444 | HH | 14951                   | 359283  | 5.50%   | 4.183%  |
| 308 | 19.512 | 19.444 | 19.545 | HH | 14036                   | 461261  | 7.06%   | 5.370%  |
| 309 | 19.580 | 19.545 | 19.619 | HH | 9085                    | 269210  | 4.12%   | 3.134%  |
| 310 | 19.648 | 19.619 | 19.658 | HH | 4867                    | 107238  | 1.64%   | 1.249%  |
| 311 | 19.686 | 19.658 | 19.730 | HH | 6970                    | 253970  | 3.89%   | 2.957%  |
| 312 | 19.783 | 19.730 | 19.847 | HH | 19137                   | 719609  | 11.02%  | 8.378%  |
| 313 | 19.863 | 19.847 | 19.872 | HH | 5572                    | 80554   | 1.23%   | 0.938%  |
| 314 | 19.883 | 19.872 | 19.905 | HH | 5518                    | 107672  | 1.65%   | 1.254%  |
| 315 | 19.925 | 19.905 | 19.949 | HH | 5807                    | 145909  | 2.23%   | 1.699%  |
| 316 | 20.002 | 19.949 | 20.015 | HH | 11613                   | 325263  | 4.98%   | 3.787%  |
| 317 | 20.034 | 20.015 | 20.091 | HH | 15773                   | 435397  | 6.67%   | 5.069%  |
| 318 | 20.150 | 20.091 | 20.182 | HH | 18120                   | 525922  | 8.05%   | 6.123%  |
| 319 | 20.206 | 20.182 | 20.242 | HH | 8162                    | 268532  | 4.11%   | 3.126%  |
| 320 | 20.270 | 20.242 | 20.281 | HH | 8268                    | 179760  | 2.75%   | 2.093%  |
| 321 | 20.311 | 20.281 | 20.355 | HH | 43122                   | 794857  | 12.17%  | 9.254%  |
| 322 | 20.382 | 20.355 | 20.400 | HH | 9869                    | 230190  | 3.53%   | 2.680%  |
| 323 | 20.418 | 20.400 | 20.439 | HH | 9052                    | 205553  | 3.15%   | 2.393%  |
| 324 | 20.459 | 20.439 | 20.475 | HH | 10295                   | 205812  | 3.15%   | 2.396%  |
| 325 | 20.507 | 20.475 | 20.540 | HH | 19374                   | 517209  | 7.92%   | 6.022%  |
| 326 | 20.554 | 20.540 | 20.583 | HH | 9517                    | 233818  | 3.58%   | 2.722%  |
| 327 | 20.609 | 20.583 | 20.644 | HH | 8843                    | 306837  | 4.70%   | 3.572%  |
| 328 | 20.692 | 20.644 | 20.733 | HH | 10201                   | 482140  | 7.38%   | 5.613%  |
| 329 | 20.776 | 20.733 | 20.785 | HH | 9723                    | 282601  | 4.33%   | 3.290%  |
| 330 | 20.803 | 20.785 | 20.855 | HH | 10381                   | 383025  | 5.87%   | 4.459%  |
| 331 | 20.895 | 20.855 | 20.990 | HH | 17896                   | 822794  | 12.60%  | 9.580%  |
| 332 | 21.020 | 20.990 | 21.069 | HH | 8108                    | 376743  | 5.77%   | 4.386%  |
| 333 | 21.090 | 21.069 | 21.127 | HH | 7994                    | 278468  | 4.26%   | 3.242%  |
| 334 | 21.139 | 21.127 | 21.179 | HH | 7933                    | 243825  | 3.73%   | 2.839%  |
| 335 | 21.244 | 21.179 | 21.284 | HH | 9441                    | 534004  | 8.18%   | 6.217%  |
| 336 | 21.328 | 21.284 | 21.440 | HH | 16233                   | 927788  | 14.21%  | 10.802% |
| 337 | 21.462 | 21.440 | 21.496 | HH | 8022                    | 268102  | 4.11%   | 3.121%  |
| 338 | 21.509 | 21.496 | 21.535 | HH | 7932                    | 186725  | 2.86%   | 2.174%  |
| 339 | 21.574 | 21.535 | 21.627 | HH | 8250                    | 440304  | 6.74%   | 5.126%  |
| 340 | 21.636 | 21.627 | 21.656 | HH | 7831                    | 133933  | 2.05%   | 1.559%  |
| 341 | 21.664 | 21.656 | 21.675 | HH | 7787                    | 90885   | 1.39%   | 1.058%  |
| 342 | 21.694 | 21.675 | 21.705 | HH | 7856                    | 140712  | 2.15%   | 1.638%  |
| 343 | 21.712 | 21.705 | 21.750 | HH | 7837                    | 208797  | 3.20%   | 2.431%  |
| 344 | 21.824 | 21.750 | 21.867 | HH | 16264                   | 751721  | 11.51%  | 8.752%  |
|     |        |        |        |    | Sum of corrected areas: |         | 8589078 |         |

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