

Instrument :  
FID\_F  
ClientSampleId :  
EO-01-062819-C

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Ankita  
7/3/2019 10:11:06 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF070219\  
Data File : FF004931.D  
Signal(s) : FID2B.ch  
Acq On : 02 Jul 2019 18:38  
Sample : K3160-11 20X  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF062619.M  
Title :

Signal : FID2B.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         | 4.400       | 4.372        | 4.429      | BH       | 1582           | 14235        | 0.20%          | 0.019%        |
| 2         | 4.442       | 4.429        | 4.458      | PH       | 353            | 1175         | 0.02%          | 0.002%        |
| 3         | 4.474       | 4.458        | 4.495      | PH       | 246            | 1318         | 0.02%          | 0.002%        |
| 4         | 4.500       | 4.495        | 4.509      | PH       | 9              | -674         | -0.01%         | -0.001%       |
| 5         | 4.522       | 4.509        | 4.537      | PH       | 2              | -1511        | -0.02%         | -0.002%       |
| 6         | 4.561       | 4.537        | 4.584      | PH       | 259            | 3004         | 0.04%          | 0.004%        |
| 7         | 4.602       | 4.584        | 4.610      | PH       | 508            | 4685         | 0.07%          | 0.006%        |
| 8         | 4.622       | 4.610        | 4.640      | HH       | 524            | 6635         | 0.09%          | 0.009%        |
| 9         | 4.656       | 4.640        | 4.671      | HH       | 1411           | 11538        | 0.16%          | 0.015%        |
| 10        | 4.684       | 4.671        | 4.696      | PH       | 523            | 4175         | 0.06%          | 0.005%        |
| 11        | 4.712       | 4.696        | 4.720      | HH       | 579            | 5883         | 0.08%          | 0.008%        |
| 12        | 4.733       | 4.720        | 4.760      | HH       | 601            | 7770         | 0.11%          | 0.010%        |
| 13        | 4.777       | 4.760        | 4.793      | PH       | 840            | 7712         | 0.11%          | 0.010%        |
| 14        | 4.811       | 4.793        | 4.836      | PH       | 1124           | 13487        | 0.19%          | 0.018%        |
| 15        | 4.875       | 4.836        | 4.895      | PH       | 1878           | 23107        | 0.32%          | 0.030%        |
| 16        | 4.901       | 4.895        | 4.907      | PH       | 168            | 729          | 0.01%          | 0.001%        |
| 17        | 4.924       | 4.907        | 4.940      | HH       | 621            | 6699         | 0.09%          | 0.009%        |
| 18        | 4.962       | 4.940        | 4.981      | HH       | 483            | 4798         | 0.07%          | 0.006%        |
| 19        | 5.012       | 4.981        | 5.025      | PH       | 1382           | 13118        | 0.18%          | 0.017%        |
| 20        | 5.044       | 5.025        | 5.064      | HH       | 1701           | 20210        | 0.28%          | 0.027%        |
| 21        | 5.082       | 5.064        | 5.109      | HH       | 1630           | 21393        | 0.30%          | 0.028%        |
| 22        | 5.122       | 5.109        | 5.131      | HH       | 1172           | 11226        | 0.16%          | 0.015%        |
| 23        | 5.144       | 5.131        | 5.164      | HH       | 2443           | 27001        | 0.38%          | 0.036%        |
| 24        | 5.170       | 5.164        | 5.187      | HH       | 569            | 3421         | 0.05%          | 0.005%        |
| 25        | 5.200       | 5.187        | 5.223      | PH       | 267            | 3083         | 0.04%          | 0.004%        |
| 26        | 5.242       | 5.223        | 5.253      | HH       | 1592           | 17045        | 0.24%          | 0.022%        |
| 27        | 5.264       | 5.253        | 5.287      | HH       | 1146           | 18737        | 0.26%          | 0.025%        |
| 28        | 5.306       | 5.287        | 5.319      | HH       | 1624           | 23527        | 0.33%          | 0.031%        |
| 29        | 5.332       | 5.319        | 5.347      | HH       | 1777           | 21135        | 0.29%          | 0.028%        |
| 30        | 5.361       | 5.347        | 5.373      | HH       | 1088           | 12829        | 0.18%          | 0.017%        |
| 31        | 5.391       | 5.373        | 5.412      | HH       | 1411           | 20616        | 0.29%          | 0.027%        |
| 32        | 5.441       | 5.412        | 5.455      | HH       | 9228           | 99770        | 1.39%          | 0.131%        |
| 33        | 5.466       | 5.455        | 5.492      | HH       | 4995           | 58121        | 0.81%          | 0.077%        |
| 34        | 5.511       | 5.492        | 5.547      | HH       | 1413           | 25501        | 0.35%          | 0.034%        |
| 35        | 5.568       | 5.547        | 5.584      | HH       | 1022           | 16864        | 0.23%          | 0.022%        |
| 36        | 5.590       | 5.584        | 5.606      | HH       | 968            | 11329        | 0.16%          | 0.015%        |

|    |       |       |       |    | rt    | ret    |       |        |
|----|-------|-------|-------|----|-------|--------|-------|--------|
| 37 | 5.625 | 5.606 | 5.648 | HH | 5593  | 72440  | 1.01% | 0.095% |
| 38 | 5.657 | 5.648 | 5.666 | HH | 1158  | 9979   | 0.14% | 0.013% |
| 39 | 5.726 | 5.666 | 5.734 | HH | 4447  | 91208  | 1.27% | 0.120% |
| 40 | 5.739 | 5.734 | 5.770 | HH | 4323  | 53125  | 0.74% | 0.070% |
| 41 | 5.788 | 5.770 | 5.801 | HH | 2566  | 33564  | 0.47% | 0.044% |
| 42 | 5.813 | 5.801 | 5.824 | HH | 2279  | 25644  | 0.36% | 0.034% |
| 43 | 5.835 | 5.824 | 5.842 | HH | 2661  | 25558  | 0.36% | 0.034% |
| 44 | 5.849 | 5.842 | 5.872 | HH | 2532  | 30679  | 0.43% | 0.040% |
| 45 | 5.895 | 5.872 | 5.918 | HH | 3180  | 50390  | 0.70% | 0.066% |
| 46 | 5.943 | 5.918 | 5.967 | HH | 3759  | 70492  | 0.98% | 0.093% |
| 47 | 5.993 | 5.967 | 6.017 | HH | 4924  | 99935  | 1.39% | 0.132% |
| 48 | 6.038 | 6.017 | 6.057 | HH | 5514  | 81643  | 1.14% | 0.107% |
| 49 | 6.082 | 6.057 | 6.106 | HH | 5521  | 88735  | 1.24% | 0.117% |
| 50 | 6.142 | 6.106 | 6.157 | HH | 5854  | 114993 | 1.60% | 0.151% |
| 51 | 6.169 | 6.157 | 6.194 | HH | 3584  | 67305  | 0.94% | 0.089% |
| 52 | 6.210 | 6.194 | 6.223 | HH | 3625  | 55573  | 0.77% | 0.073% |
| 53 | 6.231 | 6.223 | 6.243 | HH | 3426  | 36642  | 0.51% | 0.048% |
| 54 | 6.260 | 6.243 | 6.283 | HH | 5244  | 88374  | 1.23% | 0.116% |
| 55 | 6.303 | 6.283 | 6.322 | HH | 4587  | 79703  | 1.11% | 0.105% |
| 56 | 6.357 | 6.322 | 6.372 | HH | 5071  | 122778 | 1.71% | 0.162% |
| 57 | 6.378 | 6.372 | 6.390 | HH | 3898  | 38415  | 0.53% | 0.051% |
| 58 | 6.422 | 6.390 | 6.474 | HH | 19034 | 337095 | 4.69% | 0.444% |
| 59 | 6.485 | 6.474 | 6.496 | HH | 3043  | 36563  | 0.51% | 0.048% |
| 60 | 6.514 | 6.496 | 6.524 | HH | 3595  | 52828  | 0.74% | 0.070% |
| 61 | 6.538 | 6.524 | 6.551 | HH | 4266  | 61986  | 0.86% | 0.082% |
| 62 | 6.571 | 6.551 | 6.590 | HH | 12526 | 173569 | 2.42% | 0.228% |
| 63 | 6.596 | 6.590 | 6.599 | HH | 4499  | 22709  | 0.32% | 0.030% |
| 64 | 6.617 | 6.599 | 6.633 | HH | 6239  | 104907 | 1.46% | 0.138% |
| 65 | 6.643 | 6.633 | 6.660 | HH | 4904  | 64891  | 0.90% | 0.085% |
| 66 | 6.700 | 6.660 | 6.721 | HH | 7277  | 167476 | 2.33% | 0.220% |
| 67 | 6.748 | 6.721 | 6.772 | HH | 6397  | 152061 | 2.12% | 0.200% |
| 68 | 6.780 | 6.772 | 6.793 | HH | 4494  | 49593  | 0.69% | 0.065% |
| 69 | 6.823 | 6.793 | 6.851 | HH | 9361  | 183962 | 2.56% | 0.242% |
| 70 | 6.891 | 6.851 | 6.906 | HH | 5606  | 144003 | 2.00% | 0.190% |
| 71 | 6.924 | 6.906 | 6.930 | HH | 8348  | 94163  | 1.31% | 0.124% |
| 72 | 6.940 | 6.930 | 6.962 | HH | 9137  | 134326 | 1.87% | 0.177% |
| 73 | 6.982 | 6.962 | 7.007 | HH | 11004 | 177186 | 2.47% | 0.233% |
| 74 | 7.026 | 7.007 | 7.042 | HH | 8934  | 141553 | 1.97% | 0.186% |
| 75 | 7.053 | 7.042 | 7.068 | HH | 7267  | 99045  | 1.38% | 0.130% |
| 76 | 7.082 | 7.068 | 7.106 | HH | 8694  | 137008 | 1.91% | 0.180% |
| 77 | 7.125 | 7.106 | 7.166 | HH | 13874 | 270280 | 3.76% | 0.356% |
| 78 | 7.184 | 7.166 | 7.207 | HH | 6749  | 134630 | 1.87% | 0.177% |
| 79 | 7.226 | 7.207 | 7.242 | HH | 7456  | 118714 | 1.65% | 0.156% |
| 80 | 7.272 | 7.242 | 7.287 | HH | 5490  | 134893 | 1.88% | 0.178% |
| 81 | 7.346 | 7.287 | 7.374 | HH | 29280 | 587339 | 8.17% | 0.773% |
| 82 | 7.392 | 7.374 | 7.429 | HH | 7575  | 216586 | 3.01% | 0.285% |
| 83 | 7.436 | 7.429 | 7.455 | HH | 6610  | 97037  | 1.35% | 0.128% |
| 84 | 7.468 | 7.455 | 7.493 | HH | 6021  | 125458 | 1.75% | 0.165% |
| 85 | 7.520 | 7.493 | 7.555 | HH | 13431 | 310422 | 4.32% | 0.409% |
| 86 | 7.574 | 7.555 | 7.592 | HH | 7716  | 136595 | 1.90% | 0.180% |
| 87 | 7.613 | 7.592 | 7.629 | HH | 5571  | 111805 | 1.56% | 0.147% |
| 88 | 7.661 | 7.629 | 7.670 | HH | 8142  | 156845 | 2.18% | 0.206% |
| 89 | 7.681 | 7.670 | 7.698 | HH | 8618  | 126771 | 1.76% | 0.167% |

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| rteres |       |       |       |    |       |        |       |        |
|--------|-------|-------|-------|----|-------|--------|-------|--------|
| 90     | 7.713 | 7.698 | 7.752 | HH | 7501  | 205983 | 2.87% | 0.271% |
| 91     | 7.776 | 7.752 | 7.787 | HH | 7944  | 137501 | 1.91% | 0.181% |
| 92     | 7.801 | 7.787 | 7.812 | HH | 9164  | 127212 | 1.77% | 0.167% |
| 93     | 7.823 | 7.812 | 7.841 | HH | 9413  | 137065 | 1.91% | 0.180% |
| 94     | 7.866 | 7.841 | 7.887 | HH | 10691 | 207727 | 2.89% | 0.273% |
| 95     | 7.913 | 7.887 | 7.934 | HH | 11968 | 226220 | 3.15% | 0.298% |
| 96     | 7.954 | 7.934 | 7.959 | HH | 9640  | 121892 | 1.70% | 0.160% |
| 97     | 7.970 | 7.959 | 7.995 | HH | 11896 | 187849 | 2.61% | 0.247% |
| 98     | 8.038 | 7.995 | 8.056 | HH | 15660 | 313770 | 4.37% | 0.413% |
| 99     | 8.063 | 8.056 | 8.077 | HH | 6859  | 85794  | 1.19% | 0.113% |
| 100    | 8.088 | 8.077 | 8.111 | HH | 6738  | 124913 | 1.74% | 0.164% |
| 101    | 8.128 | 8.111 | 8.147 | HH | 9349  | 169363 | 2.36% | 0.223% |
| 102    | 8.172 | 8.147 | 8.181 | HH | 8376  | 157369 | 2.19% | 0.207% |
| 103    | 8.217 | 8.181 | 8.244 | HH | 31030 | 566805 | 7.89% | 0.746% |
| 104    | 8.274 | 8.244 | 8.298 | HH | 11322 | 305047 | 4.25% | 0.402% |
| 105    | 8.324 | 8.298 | 8.347 | HH | 9157  | 235362 | 3.28% | 0.310% |
| 106    | 8.380 | 8.347 | 8.394 | HH | 8793  | 218834 | 3.05% | 0.288% |
| 107    | 8.404 | 8.394 | 8.421 | HH | 8089  | 118714 | 1.65% | 0.156% |
| 108    | 8.438 | 8.421 | 8.478 | HH | 10379 | 260371 | 3.62% | 0.343% |
| 109    | 8.509 | 8.478 | 8.531 | HH | 7742  | 204085 | 2.84% | 0.269% |
| 110    | 8.545 | 8.531 | 8.558 | HH | 6650  | 95157  | 1.32% | 0.125% |
| 111    | 8.578 | 8.558 | 8.584 | HH | 8517  | 116517 | 1.62% | 0.153% |
| 112    | 8.591 | 8.584 | 8.604 | HH | 8653  | 96156  | 1.34% | 0.127% |
| 113    | 8.637 | 8.604 | 8.652 | HH | 9476  | 244007 | 3.40% | 0.321% |
| 114    | 8.664 | 8.652 | 8.691 | HH | 9218  | 195629 | 2.72% | 0.257% |
| 115    | 8.709 | 8.691 | 8.727 | HH | 9182  | 175318 | 2.44% | 0.231% |
| 116    | 8.753 | 8.727 | 8.780 | HH | 17818 | 340783 | 4.74% | 0.449% |
| 117    | 8.807 | 8.780 | 8.823 | HH | 9097  | 186494 | 2.60% | 0.245% |
| 118    | 8.832 | 8.823 | 8.848 | HH | 6738  | 94168  | 1.31% | 0.124% |
| 119    | 8.865 | 8.848 | 8.888 | HH | 7122  | 161139 | 2.24% | 0.212% |
| 120    | 8.902 | 8.888 | 8.919 | HH | 7768  | 127921 | 1.78% | 0.168% |
| 121    | 8.936 | 8.919 | 8.951 | HH | 6950  | 121426 | 1.69% | 0.160% |
| 122    | 8.976 | 8.951 | 9.002 | HH | 8171  | 219211 | 3.05% | 0.289% |
| 123    | 9.040 | 9.002 | 9.107 | HH | 29960 | 668470 | 9.30% | 0.880% |
| 124    | 9.126 | 9.107 | 9.152 | HH | 7915  | 175873 | 2.45% | 0.231% |
| 125    | 9.188 | 9.152 | 9.211 | HH | 6561  | 206605 | 2.88% | 0.272% |
| 126    | 9.242 | 9.211 | 9.256 | HH | 6272  | 145267 | 2.02% | 0.191% |
| 127    | 9.271 | 9.256 | 9.287 | HH | 6803  | 113979 | 1.59% | 0.150% |
| 128    | 9.294 | 9.287 | 9.308 | HH | 5684  | 71466  | 0.99% | 0.094% |
| 129    | 9.325 | 9.308 | 9.356 | HH | 6998  | 166680 | 2.32% | 0.219% |
| 130    | 9.371 | 9.356 | 9.388 | HH | 6360  | 111454 | 1.55% | 0.147% |
| 131    | 9.415 | 9.388 | 9.447 | HH | 10532 | 270966 | 3.77% | 0.357% |
| 132    | 9.459 | 9.447 | 9.470 | HH | 6801  | 88797  | 1.24% | 0.117% |
| 133    | 9.499 | 9.470 | 9.522 | HH | 8564  | 226410 | 3.15% | 0.298% |
| 134    | 9.546 | 9.522 | 9.565 | HH | 7977  | 167403 | 2.33% | 0.220% |
| 135    | 9.598 | 9.565 | 9.626 | HH | 7858  | 224981 | 3.13% | 0.296% |
| 136    | 9.651 | 9.626 | 9.680 | HH | 5563  | 163448 | 2.27% | 0.215% |
| 137    | 9.691 | 9.680 | 9.696 | HH | 4783  | 42972  | 0.60% | 0.057% |
| 138    | 9.701 | 9.696 | 9.714 | HH | 4825  | 52530  | 0.73% | 0.069% |
| 139    | 9.775 | 9.714 | 9.797 | HH | 7685  | 301321 | 4.19% | 0.397% |
| 140    | 9.820 | 9.797 | 9.872 | HH | 27967 | 476863 | 6.64% | 0.628% |
| 141    | 9.895 | 9.872 | 9.909 | HH | 5510  | 116768 | 1.63% | 0.154% |

| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 142    | 9.922  | 9.909  | 9.963  | HH | 5430   | 153007  | 2.13%  | 0.201% |  |
| 143    | 9.994  | 9.963  | 10.021 | HH | 5703   | 160264  | 2.23%  | 0.211% |  |
| 144    | 10.031 | 10.021 | 10.047 | HH | 4463   | 66750   | 0.93%  | 0.088% |  |
| 145    | 10.067 | 10.047 | 10.077 | HH | 4620   | 82023   | 1.14%  | 0.108% |  |
| 146    | 10.093 | 10.077 | 10.119 | HH | 4909   | 113239  | 1.58%  | 0.149% |  |
| 147    | 10.167 | 10.119 | 10.184 | HH | 6513   | 206624  | 2.88%  | 0.272% |  |
| 148    | 10.209 | 10.184 | 10.238 | HH | 13821  | 280233  | 3.90%  | 0.369% |  |
| 149    | 10.259 | 10.238 | 10.277 | HH | 7371   | 145410  | 2.02%  | 0.191% |  |
| 150    | 10.297 | 10.277 | 10.317 | HH | 7562   | 149385  | 2.08%  | 0.197% |  |
| 151    | 10.331 | 10.317 | 10.337 | HH | 5711   | 62866   | 0.87%  | 0.083% |  |
| 152    | 10.355 | 10.337 | 10.384 | HH | 7401   | 159254  | 2.22%  | 0.210% |  |
| 153    | 10.402 | 10.384 | 10.437 | HH | 6060   | 156789  | 2.18%  | 0.206% |  |
| 154    | 10.465 | 10.437 | 10.481 | HH | 5772   | 136538  | 1.90%  | 0.180% |  |
| 155    | 10.492 | 10.481 | 10.501 | HH | 5343   | 60456   | 0.84%  | 0.080% |  |
| 156    | 10.509 | 10.501 | 10.522 | HH | 5260   | 65591   | 0.91%  | 0.086% |  |
| 157    | 10.560 | 10.522 | 10.594 | HH | 26416  | 460488  | 6.41%  | 0.606% |  |
| 158    | 10.632 | 10.594 | 10.666 | HH | 13277  | 345331  | 4.81%  | 0.455% |  |
| 159    | 10.677 | 10.666 | 10.716 | HH | 5576   | 146359  | 2.04%  | 0.193% |  |
| 160    | 10.758 | 10.716 | 10.766 | HH | 4609   | 127624  | 1.78%  | 0.168% |  |
| 161    | 10.775 | 10.766 | 10.790 | HH | 4702   | 66705   | 0.93%  | 0.088% |  |
| 162    | 10.814 | 10.790 | 10.826 | HH | 9138   | 148673  | 2.07%  | 0.196% |  |
| 163    | 10.835 | 10.826 | 10.860 | HH | 7584   | 129538  | 1.80%  | 0.171% |  |
| 164    | 10.889 | 10.860 | 10.921 | HH | 7583   | 220098  | 3.06%  | 0.290% |  |
| 165    | 10.953 | 10.921 | 10.971 | HH | 7155   | 179176  | 2.49%  | 0.236% |  |
| 166    | 10.975 | 10.971 | 10.994 | HH | 5737   | 71034   | 0.99%  | 0.093% |  |
| 167    | 11.016 | 10.994 | 11.052 | HH | 6200   | 174144  | 2.42%  | 0.229% |  |
| 168    | 11.068 | 11.052 | 11.089 | HH | 5880   | 110659  | 1.54%  | 0.146% |  |
| 169    | 11.121 | 11.089 | 11.149 | HH | 5058   | 157736  | 2.20%  | 0.208% |  |
| 170    | 11.176 | 11.149 | 11.188 | HH | 4603   | 103654  | 1.44%  | 0.136% |  |
| 171    | 11.215 | 11.188 | 11.222 | HH | 4873   | 96211   | 1.34%  | 0.127% |  |
| 172    | 11.229 | 11.222 | 11.236 | HH | 4836   | 40870   | 0.57%  | 0.054% |  |
| 173    | 11.265 | 11.236 | 11.308 | HH | 23454  | 415052  | 5.78%  | 0.546% |  |
| 174    | 11.310 | 11.308 | 11.326 | HH | 5184   | 53619   | 0.75%  | 0.071% |  |
| 175    | 11.357 | 11.326 | 11.399 | HH | 11441  | 292322  | 4.07%  | 0.385% |  |
| 176    | 11.420 | 11.399 | 11.436 | HH | 4486   | 96079   | 1.34%  | 0.126% |  |
| 177    | 11.463 | 11.436 | 11.489 | HH | 4733   | 137165  | 1.91%  | 0.181% |  |
| 178    | 11.512 | 11.489 | 11.529 | HH | 4874   | 110138  | 1.53%  | 0.145% |  |
| 179    | 11.559 | 11.529 | 11.601 | HH | 6230   | 229372  | 3.19%  | 0.302% |  |
| 180    | 11.621 | 11.601 | 11.637 | HH | 6129   | 117216  | 1.63%  | 0.154% |  |
| 181    | 11.673 | 11.637 | 11.691 | HH | 9630   | 235876  | 3.28%  | 0.310% |  |
| 182    | 11.697 | 11.691 | 11.722 | HH | 6557   | 110946  | 1.54%  | 0.146% |  |
| 183    | 11.752 | 11.722 | 11.783 | HH | 6245   | 207229  | 2.88%  | 0.273% |  |
| 184    | 11.818 | 11.783 | 11.851 | HH | 11740  | 300409  | 4.18%  | 0.395% |  |
| 185    | 11.874 | 11.851 | 11.893 | HH | 4929   | 117715  | 1.64%  | 0.155% |  |
| 186    | 11.937 | 11.893 | 11.962 | HH | 20232  | 400587  | 5.58%  | 0.527% |  |
| 187    | 11.989 | 11.962 | 12.055 | HH | 110461 | 1490290 | 20.74% | 1.962% |  |
| 188    | 12.061 | 12.055 | 12.082 | HH | 5068   | 79973   | 1.11%  | 0.105% |  |
| 189    | 12.093 | 12.082 | 12.109 | HH | 4821   | 76132   | 1.06%  | 0.100% |  |
| 190    | 12.184 | 12.109 | 12.258 | HH | 21813  | 627843  | 8.74%  | 0.826% |  |
| 191    | 12.273 | 12.258 | 12.287 | HH | 5148   | 83649   | 1.16%  | 0.110% |  |
| 192    | 12.320 | 12.287 | 12.333 | HH | 5646   | 149589  | 2.08%  | 0.197% |  |
| 193    | 12.352 | 12.333 | 12.386 | HH | 6183   | 166023  | 2.31%  | 0.219% |  |
| 194    | 12.406 | 12.386 | 12.440 | HH | 5868   | 167070  | 2.33%  | 0.220% |  |

Instrument :  
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Manual Integrations  
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| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 195    | 12.459 | 12.440 | 12.482 | HH | 5498   | 128484  | 1.79%   | 0.169% |
| 196    | 12.520 | 12.482 | 12.546 | HH | 6039   | 198064  | 2.76%   | 0.261% |
| 197    | 12.579 | 12.546 | 12.609 | HH | 18635  | 354229  | 4.93%   | 0.466% |
| 198    | 12.637 | 12.609 | 12.684 | HH | 12370  | 313579  | 4.36%   | 0.413% |
| 199    | 12.694 | 12.684 | 12.710 | HH | 4867   | 73727   | 1.03%   | 0.097% |
| 200    | 12.715 | 12.710 | 12.719 | HH | 4784   | 24260   | 0.34%   | 0.032% |
| 201    | 12.726 | 12.719 | 12.746 | HH | 4949   | 80615   | 1.12%   | 0.106% |
| 202    | 12.762 | 12.746 | 12.785 | HH | 4953   | 111875  | 1.56%   | 0.147% |
| 203    | 12.834 | 12.785 | 12.849 | HH | 5939   | 196593  | 2.74%   | 0.259% |
| 204    | 12.862 | 12.849 | 12.891 | HH | 6151   | 146684  | 2.04%   | 0.193% |
| 205    | 12.896 | 12.891 | 12.915 | HH | 5418   | 74698   | 1.04%   | 0.098% |
| 206    | 12.937 | 12.915 | 12.964 | HH | 11208  | 223931  | 3.12%   | 0.295% |
| 207    | 13.014 | 12.964 | 13.046 | HH | 416153 | 5724421 | 79.67%  | 7.535% |
| 208    | 13.073 | 13.046 | 13.095 | HH | 570081 | 7184858 | 100.00% | 9.457% |
| 209    | 13.104 | 13.095 | 13.154 | HH | 42579  | 655370  | 9.12%   | 0.863% |
| 210    | 13.162 | 13.154 | 13.171 | HH | 6762   | 65811   | 0.92%   | 0.087% |
| 211    | 13.195 | 13.171 | 13.222 | HH | 16880  | 362612  | 5.05%   | 0.477% |
| 212    | 13.248 | 13.222 | 13.322 | HH | 67470  | 1215302 | 16.91%  | 1.600% |
| 213    | 13.336 | 13.322 | 13.356 | HH | 7162   | 136655  | 1.90%   | 0.180% |
| 214    | 13.361 | 13.356 | 13.389 | HH | 6816   | 125939  | 1.75%   | 0.166% |
| 215    | 13.418 | 13.389 | 13.455 | HH | 8305   | 282946  | 3.94%   | 0.372% |
| 216    | 13.463 | 13.455 | 13.468 | HH | 6827   | 52177   | 0.73%   | 0.069% |
| 217    | 13.473 | 13.468 | 13.486 | HH | 6824   | 72910   | 1.01%   | 0.096% |
| 218    | 13.543 | 13.486 | 13.564 | HH | 10442  | 362051  | 5.04%   | 0.477% |
| 219    | 13.580 | 13.564 | 13.602 | HH | 7396   | 157338  | 2.19%   | 0.207% |
| 220    | 13.655 | 13.602 | 13.671 | HH | 9276   | 322450  | 4.49%   | 0.424% |
| 221    | 13.680 | 13.671 | 13.698 | HH | 7876   | 121049  | 1.68%   | 0.159% |
| 222    | 13.703 | 13.698 | 13.708 | HH | 7247   | 44685   | 0.62%   | 0.059% |
| 223    | 13.723 | 13.708 | 13.755 | HH | 7985   | 202091  | 2.81%   | 0.266% |
| 224    | 13.783 | 13.755 | 13.807 | HH | 15976  | 338198  | 4.71%   | 0.445% |
| 225    | 13.814 | 13.807 | 13.864 | HH | 9209   | 285455  | 3.97%   | 0.376% |
| 226    | 13.900 | 13.864 | 13.953 | HH | 9431   | 424922  | 5.91%   | 0.559% |
| 227    | 14.004 | 13.953 | 14.009 | HH | 8208   | 249198  | 3.47%   | 0.328% |
| 228    | 14.013 | 14.009 | 14.022 | HH | 8292   | 68541   | 0.95%   | 0.090% |
| 229    | 14.050 | 14.022 | 14.054 | HH | 10307  | 176710  | 2.46%   | 0.233% |
| 230    | 14.082 | 14.054 | 14.113 | HH | 11030  | 352477  | 4.91%   | 0.464% |
| 231    | 14.145 | 14.113 | 14.162 | HH | 9165   | 249902  | 3.48%   | 0.329% |
| 232    | 14.192 | 14.162 | 14.210 | HH | 11000  | 278213  | 3.87%   | 0.366% |
| 233    | 14.239 | 14.210 | 14.259 | HH | 17822  | 378995  | 5.27%   | 0.499% |
| 234    | 14.269 | 14.259 | 14.321 | HH | 10626  | 349181  | 4.86%   | 0.460% |
| 235    | 14.347 | 14.321 | 14.373 | HH | 15806  | 361209  | 5.03%   | 0.475% |
| 236    | 14.404 | 14.373 | 14.432 | HH | 17996  | 437528  | 6.09%   | 0.576% |
| 237    | 14.463 | 14.432 | 14.494 | HH | 11969  | 387518  | 5.39%   | 0.510% |
| 238    | 14.515 | 14.494 | 14.539 | HH | 11869  | 274781  | 3.82%   | 0.362% |
| 239    | 14.553 | 14.539 | 14.564 | HH | 9805   | 144955  | 2.02%   | 0.191% |
| 240    | 14.569 | 14.564 | 14.578 | HH | 9692   | 82524   | 1.15%   | 0.109% |
| 241    | 14.585 | 14.578 | 14.594 | HH | 9500   | 89794   | 1.25%   | 0.118% |
| 242    | 14.608 | 14.594 | 14.616 | HH | 9614   | 125362  | 1.74%   | 0.165% |
| 243    | 14.635 | 14.616 | 14.655 | HH | 10240  | 228727  | 3.18%   | 0.301% |
| 244    | 14.686 | 14.655 | 14.717 | HH | 14879  | 425632  | 5.92%   | 0.560% |
| 245    | 14.721 | 14.717 | 14.725 | HH | 9687   | 48421   | 0.67%   | 0.064% |
| 246    | 14.741 | 14.725 | 14.759 | HH | 10157  | 203619  | 2.83%   | 0.268% |

Instrument :  
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Manual Integrations  
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| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 14.824 | 14.759 | 14.840 | HH | 12317 | 522113  | 7.27%  | 0.687% |
| 248    | 14.888 | 14.840 | 14.928 | HH | 17553 | 701138  | 9.76%  | 0.923% |
| 249    | 14.956 | 14.928 | 14.971 | HH | 11603 | 291814  | 4.06%  | 0.384% |
| 250    | 14.980 | 14.971 | 15.005 | HH | 11873 | 238153  | 3.31%  | 0.313% |
| 251    | 15.030 | 15.005 | 15.065 | HH | 11984 | 414846  | 5.77%  | 0.546% |
| 252    | 15.076 | 15.065 | 15.097 | HH | 11903 | 230233  | 3.20%  | 0.303% |
| 253    | 15.103 | 15.097 | 15.111 | HH | 11674 | 94789   | 1.32%  | 0.125% |
| 254    | 15.137 | 15.111 | 15.161 | HH | 12411 | 361469  | 5.03%  | 0.476% |
| 255    | 15.165 | 15.161 | 15.170 | HH | 12181 | 64103   | 0.89%  | 0.084% |
| 256    | 15.174 | 15.170 | 15.184 | HH | 12185 | 103908  | 1.45%  | 0.137% |
| 257    | 15.218 | 15.184 | 15.222 | HH | 12624 | 282700  | 3.93%  | 0.372% |
| 258    | 15.231 | 15.222 | 15.236 | HH | 12640 | 102284  | 1.42%  | 0.135% |
| 259    | 15.242 | 15.236 | 15.249 | HH | 12779 | 102893  | 1.43%  | 0.135% |
| 260    | 15.274 | 15.249 | 15.303 | HH | 16126 | 464954  | 6.47%  | 0.612% |
| 261    | 15.314 | 15.303 | 15.331 | HH | 13765 | 229555  | 3.19%  | 0.302% |
| 262    | 15.340 | 15.331 | 15.357 | HH | 13433 | 205796  | 2.86%  | 0.271% |
| 263    | 15.373 | 15.357 | 15.384 | HH | 13194 | 208849  | 2.91%  | 0.275% |
| 264    | 15.414 | 15.384 | 15.441 | HH | 18650 | 526208  | 7.32%  | 0.693% |
| 265    | 15.472 | 15.441 | 15.522 | HH | 21151 | 784581  | 10.92% | 1.033% |
| 266    | 15.543 | 15.522 | 15.572 | HH | 15045 | 437174  | 6.08%  | 0.575% |
| 267    | 15.601 | 15.572 | 15.611 | HH | 14873 | 332703  | 4.63%  | 0.438% |
| 268    | 15.633 | 15.611 | 15.641 | HH | 15132 | 270875  | 3.77%  | 0.357% |
| 269    | 15.667 | 15.641 | 15.672 | HH | 15845 | 291767  | 4.06%  | 0.384% |
| 270    | 15.676 | 15.672 | 15.699 | HH | 15749 | 245467  | 3.42%  | 0.323% |
| 271    | 15.704 | 15.699 | 15.710 | HH | 15390 | 97719   | 1.36%  | 0.129% |
| 272    | 15.743 | 15.710 | 15.761 | HH | 15927 | 478034  | 6.65%  | 0.629% |
| 273    | 15.764 | 15.761 | 15.768 | HH | 15635 | 66451   | 0.92%  | 0.087% |
| 274    | 15.795 | 15.768 | 15.799 | HH | 16358 | 297807  | 4.14%  | 0.392% |
| 275    | 15.809 | 15.799 | 15.815 | HH | 16462 | 156646  | 2.18%  | 0.206% |
| 276    | 15.818 | 15.815 | 15.826 | HH | 16317 | 106612  | 1.48%  | 0.140% |
| 277    | 15.836 | 15.826 | 15.848 | HH | 16698 | 217334  | 3.02%  | 0.286% |
| 278    | 15.852 | 15.848 | 15.859 | HH | 16457 | 112188  | 1.56%  | 0.148% |
| 279    | 15.918 | 15.859 | 15.942 | HH | 22775 | 917967  | 12.78% | 1.208% |
| 280    | 15.945 | 15.942 | 15.965 | HH | 18057 | 252842  | 3.52%  | 0.333% |
| 281    | 15.976 | 15.965 | 16.001 | HH | 18385 | 382240  | 5.32%  | 0.503% |
| 282    | 16.025 | 16.001 | 16.029 | HH | 18127 | 301592  | 4.20%  | 0.397% |
| 283    | 16.034 | 16.029 | 16.057 | HH | 18204 | 305507  | 4.25%  | 0.402% |
| 284    | 16.117 | 16.057 | 16.146 | HH | 20532 | 1042608 | 14.51% | 1.372% |
| 285    | 16.207 | 16.146 | 16.218 | HH | 20953 | 864769  | 12.04% | 1.138% |
| 286    | 16.225 | 16.218 | 16.247 | HH | 21021 | 362446  | 5.04%  | 0.477% |
| 287    | 16.269 | 16.247 | 16.277 | HH | 21111 | 378582  | 5.27%  | 0.498% |
| 288    | 16.294 | 16.277 | 16.299 | HH | 22046 | 281013  | 3.91%  | 0.370% |
| 289    | 16.304 | 16.299 | 16.328 | HH | 22006 | 380196  | 5.29%  | 0.500% |
| 290    | 16.332 | 16.328 | 16.342 | HH | 21238 | 172142  | 2.40%  | 0.227% |
| 291    | 16.359 | 16.342 | 16.367 | HH | 21632 | 321000  | 4.47%  | 0.423% |
| 292    | 16.402 | 16.367 | 16.437 | HH | 29908 | 1061197 | 14.77% | 1.397% |
| 293    | 16.465 | 16.437 | 16.485 | HH | 25398 | 689608  | 9.60%  | 0.908% |
| 294    | 16.494 | 16.485 | 16.502 | HH | 23938 | 241958  | 3.37%  | 0.318% |
| 295    | 16.529 | 16.502 | 16.548 | HH | 24994 | 661588  | 9.21%  | 0.871% |
| 296    | 16.571 | 16.548 | 16.589 | HH | 25175 | 614567  | 8.55%  | 0.809% |
| 297    | 16.616 | 16.589 | 16.639 | HH | 26060 | 749824  | 10.44% | 0.987% |
| 298    | 16.642 | 16.639 | 16.649 | HH | 24821 | 142812  | 1.99%  | 0.188% |
| 299    | 16.713 | 16.649 | 16.737 | HH | 28022 | 1398715 | 19.47% | 1.841% |

Instrument :  
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|                         |        |        |        |     | rt    | Area     | %Area  | %Conv  |
|-------------------------|--------|--------|--------|-----|-------|----------|--------|--------|
| 300                     | 16.770 | 16.737 | 16.807 | HH  | 28202 | 1142563  | 15.90% | 1.504% |
| 301                     | 16.873 | 16.807 | 16.907 | HH  | 36478 | 1796183  | 25.00% | 2.364% |
| 302                     | 16.922 | 16.907 | 16.931 | HHA | 30373 | 435536   | 6.06%  | 0.573% |
| Sum of corrected areas: |        |        |        |     |       | 75974124 |        |        |

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Instrument :  
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