

Instrument :  
FID\_F  
ClientSampleId :  
PL-01-050820MSD

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Sohil  
5/13/2020 3:31:41 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF051220\  
Data File : FF006949.D  
Signal(s) : FID2B.ch  
Acq On : 12 May 2020 15:15  
Sample : L2502-01MSD 10X  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF042820.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         | 4.338       | 4.302        | 4.370      | BH       | 30967          | 285137       | 3.84%          | 0.169%        |
| 2         | 4.382       | 4.370        | 4.395      | PH       | 715            | 4590         | 0.06%          | 0.003%        |
| 3         | 4.407       | 4.395        | 4.430      | PH       | 491            | 1321         | 0.02%          | 0.001%        |
| 4         | 4.458       | 4.430        | 4.472      | PH       | 236            | -3374        | -0.05%         | -0.002%       |
| 5         | 4.493       | 4.472        | 4.520      | PH       | 1430           | 15867        | 0.21%          | 0.009%        |
| 6         | 4.536       | 4.520        | 4.544      | HH       | 1413           | 12485        | 0.17%          | 0.007%        |
| 7         | 4.561       | 4.544        | 4.576      | HH       | 5221           | 66798        | 0.90%          | 0.040%        |
| 8         | 4.590       | 4.576        | 4.606      | HH       | 6745           | 73023        | 0.98%          | 0.043%        |
| 9         | 4.619       | 4.606        | 4.632      | HH       | 3442           | 36720        | 0.49%          | 0.022%        |
| 10        | 4.644       | 4.632        | 4.656      | HH       | 2273           | 28359        | 0.38%          | 0.017%        |
| 11        | 4.667       | 4.656        | 4.683      | HH       | 2355           | 26883        | 0.36%          | 0.016%        |
| 12        | 4.711       | 4.683        | 4.725      | HH       | 2303           | 35612        | 0.48%          | 0.021%        |
| 13        | 4.744       | 4.725        | 4.776      | HH       | 3933           | 69391        | 0.93%          | 0.041%        |
| 14        | 4.808       | 4.776        | 4.838      | HH       | 4436           | 69182        | 0.93%          | 0.041%        |
| 15        | 4.860       | 4.838        | 4.875      | HH       | 1480           | 22211        | 0.30%          | 0.013%        |
| 16        | 4.888       | 4.875        | 4.914      | HH       | 1341           | 18900        | 0.25%          | 0.011%        |
| 17        | 4.945       | 4.914        | 4.960      | PH       | 2924           | 32397        | 0.44%          | 0.019%        |
| 18        | 4.977       | 4.960        | 4.999      | HH       | 3886           | 51391        | 0.69%          | 0.030%        |
| 19        | 5.015       | 4.999        | 5.042      | HH       | 3784           | 56355        | 0.76%          | 0.033%        |
| 20        | 5.056       | 5.042        | 5.063      | HH       | 2988           | 27106        | 0.36%          | 0.016%        |
| 21        | 5.077       | 5.063        | 5.118      | HH       | 5242           | 75320        | 1.01%          | 0.045%        |
| 22        | 5.136       | 5.118        | 5.154      | HH       | 720            | 11526        | 0.16%          | 0.007%        |
| 23        | 5.174       | 5.154        | 5.187      | HH       | 2778           | 35948        | 0.48%          | 0.021%        |
| 24        | 5.194       | 5.187        | 5.205      | HH       | 2045           | 19672        | 0.26%          | 0.012%        |
| 25        | 5.237       | 5.205        | 5.249      | HH       | 3077           | 57782        | 0.78%          | 0.034%        |
| 26        | 5.263       | 5.249        | 5.278      | HH       | 3901           | 46540        | 0.63%          | 0.028%        |
| 27        | 5.291       | 5.278        | 5.308      | HH       | 2172           | 30814        | 0.41%          | 0.018%        |
| 28        | 5.323       | 5.308        | 5.342      | HH       | 2209           | 29904        | 0.40%          | 0.018%        |
| 29        | 5.373       | 5.342        | 5.389      | HH       | 19466          | 217622       | 2.93%          | 0.129%        |
| 30        | 5.397       | 5.389        | 5.423      | HH       | 6942           | 94012        | 1.27%          | 0.056%        |
| 31        | 5.440       | 5.423        | 5.454      | HH       | 2479           | 36235        | 0.49%          | 0.021%        |
| 32        | 5.458       | 5.454        | 5.477      | HH       | 1450           | 14111        | 0.19%          | 0.008%        |
| 33        | 5.499       | 5.477        | 5.512      | HH       | 1585           | 25875        | 0.35%          | 0.015%        |
| 34        | 5.521       | 5.512        | 5.534      | HH       | 1508           | 16675        | 0.22%          | 0.010%        |
| 35        | 5.556       | 5.534        | 5.579      | HH       | 7801           | 110375       | 1.49%          | 0.065%        |
| 36        | 5.588       | 5.579        | 5.596      | HH       | 1831           | 17033        | 0.23%          | 0.010%        |

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|--------|-------|-------|-------|----|-------|--------|-------|--------|--|
| 37     | 5.656 | 5.596 | 5.699 | HH | 8983  | 272104 | 3.66% | 0.161% |  |
| 38     | 5.713 | 5.699 | 5.732 | HH | 5497  | 82819  | 1.11% | 0.049% |  |
| 39     | 5.747 | 5.732 | 5.755 | HH | 3950  | 47300  | 0.64% | 0.028% |  |
| 40     | 5.763 | 5.755 | 5.771 | HH | 3795  | 34887  | 0.47% | 0.021% |  |
| 41     | 5.779 | 5.771 | 5.803 | HH | 3616  | 46321  | 0.62% | 0.027% |  |
| 42     | 5.826 | 5.803 | 5.847 | HH | 4227  | 65222  | 0.88% | 0.039% |  |
| 43     | 5.875 | 5.847 | 5.898 | HH | 4938  | 99600  | 1.34% | 0.059% |  |
| 44     | 5.928 | 5.898 | 5.953 | HH | 19872 | 307824 | 4.14% | 0.183% |  |
| 45     | 5.967 | 5.953 | 5.991 | HH | 8085  | 128175 | 1.72% | 0.076% |  |
| 46     | 6.012 | 5.991 | 6.035 | HH | 7675  | 128156 | 1.72% | 0.076% |  |
| 47     | 6.070 | 6.035 | 6.086 | HH | 7016  | 148384 | 2.00% | 0.088% |  |
| 48     | 6.097 | 6.086 | 6.123 | HH | 4516  | 89781  | 1.21% | 0.053% |  |
| 49     | 6.140 | 6.123 | 6.147 | HH | 4491  | 57124  | 0.77% | 0.034% |  |
| 50     | 6.158 | 6.147 | 6.171 | HH | 4836  | 62376  | 0.84% | 0.037% |  |
| 51     | 6.189 | 6.171 | 6.211 | HH | 5504  | 101077 | 1.36% | 0.060% |  |
| 52     | 6.232 | 6.211 | 6.248 | HH | 5492  | 89180  | 1.20% | 0.053% |  |
| 53     | 6.282 | 6.248 | 6.318 | HH | 5805  | 190808 | 2.57% | 0.113% |  |
| 54     | 6.351 | 6.318 | 6.399 | HH | 43850 | 592812 | 7.98% | 0.352% |  |
| 55     | 6.413 | 6.399 | 6.424 | HH | 3381  | 48095  | 0.65% | 0.029% |  |
| 56     | 6.441 | 6.424 | 6.453 | HH | 4115  | 63913  | 0.86% | 0.038% |  |
| 57     | 6.469 | 6.453 | 6.476 | HH | 4314  | 54411  | 0.73% | 0.032% |  |
| 58     | 6.499 | 6.476 | 6.517 | HH | 14156 | 197665 | 2.66% | 0.117% |  |
| 59     | 6.540 | 6.517 | 6.561 | HH | 7698  | 152798 | 2.06% | 0.091% |  |
| 60     | 6.570 | 6.561 | 6.589 | HH | 4688  | 64757  | 0.87% | 0.038% |  |
| 61     | 6.630 | 6.589 | 6.648 | HH | 6791  | 164921 | 2.22% | 0.098% |  |
| 62     | 6.673 | 6.648 | 6.696 | HH | 7184  | 157963 | 2.13% | 0.094% |  |
| 63     | 6.706 | 6.696 | 6.721 | HH | 5645  | 73808  | 0.99% | 0.044% |  |
| 64     | 6.753 | 6.721 | 6.778 | HH | 9612  | 209660 | 2.82% | 0.124% |  |
| 65     | 6.816 | 6.778 | 6.832 | HH | 5293  | 153256 | 2.06% | 0.091% |  |
| 66     | 6.850 | 6.832 | 6.858 | HH | 8464  | 102978 | 1.39% | 0.061% |  |
| 67     | 6.870 | 6.858 | 6.889 | HH | 8587  | 133446 | 1.80% | 0.079% |  |
| 68     | 6.909 | 6.889 | 6.933 | HH | 10106 | 183677 | 2.47% | 0.109% |  |
| 69     | 6.954 | 6.933 | 6.963 | HH | 8987  | 128094 | 1.72% | 0.076% |  |
| 70     | 6.981 | 6.963 | 7.032 | HH | 25697 | 506902 | 6.82% | 0.301% |  |
| 71     | 7.051 | 7.032 | 7.091 | HH | 15941 | 341849 | 4.60% | 0.203% |  |
| 72     | 7.113 | 7.091 | 7.138 | HH | 31584 | 450526 | 6.06% | 0.267% |  |
| 73     | 7.152 | 7.138 | 7.169 | HH | 8956  | 139451 | 1.88% | 0.083% |  |
| 74     | 7.177 | 7.169 | 7.190 | HH | 6144  | 76840  | 1.03% | 0.046% |  |
| 75     | 7.195 | 7.190 | 7.210 | HH | 5802  | 64821  | 0.87% | 0.038% |  |
| 76     | 7.236 | 7.210 | 7.241 | HH | 6661  | 110217 | 1.48% | 0.065% |  |
| 77     | 7.273 | 7.241 | 7.301 | HH | 26685 | 457259 | 6.15% | 0.271% |  |
| 78     | 7.318 | 7.301 | 7.339 | HH | 7541  | 152359 | 2.05% | 0.090% |  |
| 79     | 7.360 | 7.339 | 7.380 | HH | 6901  | 153490 | 2.07% | 0.091% |  |
| 80     | 7.397 | 7.380 | 7.420 | HH | 6020  | 134297 | 1.81% | 0.080% |  |
| 81     | 7.447 | 7.420 | 7.482 | HH | 12310 | 292940 | 3.94% | 0.174% |  |
| 82     | 7.499 | 7.482 | 7.518 | HH | 6419  | 120076 | 1.62% | 0.071% |  |
| 83     | 7.562 | 7.518 | 7.573 | HH | 6216  | 176121 | 2.37% | 0.104% |  |
| 84     | 7.606 | 7.573 | 7.624 | HH | 9006  | 212825 | 2.86% | 0.126% |  |
| 85     | 7.638 | 7.624 | 7.681 | HH | 6577  | 194835 | 2.62% | 0.116% |  |
| 86     | 7.705 | 7.681 | 7.714 | HH | 8198  | 131654 | 1.77% | 0.078% |  |
| 87     | 7.725 | 7.714 | 7.738 | HH | 8820  | 119752 | 1.61% | 0.071% |  |
| 88     | 7.748 | 7.738 | 7.765 | HH | 8450  | 118317 | 1.59% | 0.070% |  |
| 89     | 7.791 | 7.765 | 7.814 | HH | 8952  | 198256 | 2.67% | 0.118% |  |

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|--------|-------|-------|-------|----|-------|---------|--------|--------|
| 90     | 7.838 | 7.814 | 7.850 | HH | 10634 | 182737  | 2.46%  | 0.108% |
| 91     | 7.874 | 7.850 | 7.887 | HH | 11580 | 228827  | 3.08%  | 0.136% |
| 92     | 7.894 | 7.887 | 7.917 | HH | 10653 | 159733  | 2.15%  | 0.095% |
| 93     | 7.929 | 7.917 | 7.937 | HH | 7278  | 83991   | 1.13%  | 0.050% |
| 94     | 7.961 | 7.937 | 8.004 | HH | 25801 | 594530  | 8.00%  | 0.353% |
| 95     | 8.012 | 8.004 | 8.035 | HH | 9090  | 152259  | 2.05%  | 0.090% |
| 96     | 8.072 | 8.035 | 8.087 | HH | 35695 | 550710  | 7.41%  | 0.327% |
| 97     | 8.100 | 8.087 | 8.120 | HH | 25973 | 382206  | 5.14%  | 0.227% |
| 98     | 8.140 | 8.120 | 8.170 | HH | 49176 | 708137  | 9.53%  | 0.420% |
| 99     | 8.186 | 8.170 | 8.190 | HH | 10066 | 114236  | 1.54%  | 0.068% |
| 100    | 8.207 | 8.190 | 8.212 | HH | 15799 | 175990  | 2.37%  | 0.104% |
| 101    | 8.223 | 8.212 | 8.230 | HH | 17343 | 180342  | 2.43%  | 0.107% |
| 102    | 8.257 | 8.230 | 8.287 | HH | 28910 | 645510  | 8.69%  | 0.383% |
| 103    | 8.300 | 8.287 | 8.317 | HH | 12019 | 193283  | 2.60%  | 0.115% |
| 104    | 8.348 | 8.317 | 8.379 | HH | 15002 | 395835  | 5.33%  | 0.235% |
| 105    | 8.386 | 8.379 | 8.410 | HH | 8408  | 143761  | 1.93%  | 0.085% |
| 106    | 8.428 | 8.410 | 8.452 | HH | 7323  | 167792  | 2.26%  | 0.100% |
| 107    | 8.467 | 8.452 | 8.480 | HH | 6201  | 95718   | 1.29%  | 0.057% |
| 108    | 8.497 | 8.480 | 8.510 | HH | 9004  | 138337  | 1.86%  | 0.082% |
| 109    | 8.515 | 8.510 | 8.521 | HH | 8244  | 52905   | 0.71%  | 0.031% |
| 110    | 8.549 | 8.521 | 8.576 | HH | 55106 | 793725  | 10.68% | 0.471% |
| 111    | 8.596 | 8.576 | 8.616 | HH | 13475 | 266131  | 3.58%  | 0.158% |
| 112    | 8.628 | 8.616 | 8.645 | HH | 9752  | 156930  | 2.11%  | 0.093% |
| 113    | 8.674 | 8.645 | 8.699 | HH | 19469 | 392923  | 5.29%  | 0.233% |
| 114    | 8.725 | 8.699 | 8.767 | HH | 8601  | 318693  | 4.29%  | 0.189% |
| 115    | 8.789 | 8.767 | 8.807 | HH | 17876 | 299978  | 4.04%  | 0.178% |
| 116    | 8.826 | 8.807 | 8.850 | HH | 25548 | 425513  | 5.73%  | 0.252% |
| 117    | 8.857 | 8.850 | 8.881 | HH | 11406 | 188656  | 2.54%  | 0.112% |
| 118    | 8.909 | 8.881 | 8.936 | HH | 11119 | 326638  | 4.40%  | 0.194% |
| 119    | 8.959 | 8.936 | 8.982 | HH | 30669 | 466163  | 6.27%  | 0.276% |
| 120    | 9.000 | 8.982 | 9.036 | HH | 19071 | 388460  | 5.23%  | 0.230% |
| 121    | 9.042 | 9.036 | 9.075 | HH | 8314  | 167775  | 2.26%  | 0.100% |
| 122    | 9.113 | 9.075 | 9.132 | HH | 19690 | 368397  | 4.96%  | 0.218% |
| 123    | 9.148 | 9.132 | 9.179 | HH | 13004 | 256553  | 3.45%  | 0.152% |
| 124    | 9.200 | 9.179 | 9.213 | HH | 8585  | 158478  | 2.13%  | 0.094% |
| 125    | 9.250 | 9.213 | 9.277 | HH | 17314 | 429828  | 5.78%  | 0.255% |
| 126    | 9.293 | 9.277 | 9.307 | HH | 8747  | 140441  | 1.89%  | 0.083% |
| 127    | 9.334 | 9.307 | 9.386 | HH | 56723 | 1000752 | 13.47% | 0.594% |
| 128    | 9.411 | 9.386 | 9.441 | HH | 19524 | 424455  | 5.71%  | 0.252% |
| 129    | 9.456 | 9.441 | 9.465 | HH | 13198 | 171206  | 2.30%  | 0.102% |
| 130    | 9.482 | 9.465 | 9.500 | HH | 20719 | 334276  | 4.50%  | 0.198% |
| 131    | 9.511 | 9.500 | 9.526 | HH | 13667 | 185883  | 2.50%  | 0.110% |
| 132    | 9.542 | 9.526 | 9.583 | HH | 14264 | 350204  | 4.71%  | 0.208% |
| 133    | 9.600 | 9.583 | 9.634 | HH | 8219  | 223751  | 3.01%  | 0.133% |
| 134    | 9.656 | 9.634 | 9.696 | HH | 17248 | 423497  | 5.70%  | 0.251% |
| 135    | 9.703 | 9.696 | 9.714 | HH | 9728  | 98745   | 1.33%  | 0.059% |
| 136    | 9.736 | 9.714 | 9.753 | HH | 42699 | 572952  | 7.71%  | 0.340% |
| 137    | 9.757 | 9.753 | 9.786 | HH | 17581 | 265746  | 3.58%  | 0.158% |
| 138    | 9.815 | 9.786 | 9.832 | HH | 9618  | 248078  | 3.34%  | 0.147% |
| 139    | 9.843 | 9.832 | 9.882 | HH | 8329  | 204146  | 2.75%  | 0.121% |
| 140    | 9.911 | 9.882 | 9.963 | HH | 8441  | 312746  | 4.21%  | 0.185% |
| 141    | 9.968 | 9.963 | 9.989 | HH | 5307  | 77414   | 1.04%  | 0.046% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 10.011 | 9.989  | 10.032 | HH | 5906   | 141794  | 1.91%  | 0.084% |
| 143    | 10.037 | 10.032 | 10.054 | HH | 5761   | 73096   | 0.98%  | 0.043% |
| 144    | 10.075 | 10.054 | 10.087 | HH | 9740   | 159680  | 2.15%  | 0.095% |
| 145    | 10.093 | 10.087 | 10.105 | HH | 8709   | 87430   | 1.18%  | 0.052% |
| 146    | 10.123 | 10.105 | 10.153 | HH | 12929  | 263776  | 3.55%  | 0.156% |
| 147    | 10.180 | 10.153 | 10.192 | HH | 12808  | 223823  | 3.01%  | 0.133% |
| 148    | 10.216 | 10.192 | 10.238 | HH | 52421  | 747762  | 10.06% | 0.443% |
| 149    | 10.255 | 10.238 | 10.299 | HH | 20176  | 446922  | 6.01%  | 0.265% |
| 150    | 10.329 | 10.299 | 10.371 | HH | 20794  | 534928  | 7.20%  | 0.317% |
| 151    | 10.399 | 10.371 | 10.439 | HH | 24365  | 584892  | 7.87%  | 0.347% |
| 152    | 10.470 | 10.439 | 10.485 | HH | 20563  | 378915  | 5.10%  | 0.225% |
| 153    | 10.498 | 10.485 | 10.512 | HH | 16993  | 232024  | 3.12%  | 0.138% |
| 154    | 10.540 | 10.512 | 10.577 | HH | 32511  | 715140  | 9.62%  | 0.424% |
| 155    | 10.586 | 10.577 | 10.591 | HH | 8614   | 69238   | 0.93%  | 0.041% |
| 156    | 10.605 | 10.591 | 10.617 | HH | 8755   | 135796  | 1.83%  | 0.081% |
| 157    | 10.633 | 10.617 | 10.650 | HH | 10709  | 179053  | 2.41%  | 0.106% |
| 158    | 10.666 | 10.650 | 10.686 | HH | 7872   | 158562  | 2.13%  | 0.094% |
| 159    | 10.734 | 10.686 | 10.788 | HH | 391167 | 4855310 | 65.34% | 2.880% |
| 160    | 10.810 | 10.788 | 10.851 | HH | 112071 | 1606426 | 21.62% | 0.953% |
| 161    | 10.884 | 10.851 | 10.961 | HH | 123401 | 1925117 | 25.91% | 1.142% |
| 162    | 10.978 | 10.961 | 10.986 | HH | 7435   | 107900  | 1.45%  | 0.064% |
| 163    | 11.004 | 10.986 | 11.014 | HH | 9016   | 138122  | 1.86%  | 0.082% |
| 164    | 11.036 | 11.014 | 11.065 | HH | 29252  | 547350  | 7.37%  | 0.325% |
| 165    | 11.078 | 11.065 | 11.110 | HH | 12812  | 313115  | 4.21%  | 0.186% |
| 166    | 11.128 | 11.110 | 11.146 | HH | 12749  | 233532  | 3.14%  | 0.139% |
| 167    | 11.177 | 11.146 | 11.206 | HH | 71096  | 1143623 | 15.39% | 0.678% |
| 168    | 11.240 | 11.206 | 11.308 | HH | 156254 | 2544263 | 34.24% | 1.509% |
| 169    | 11.328 | 11.308 | 11.348 | HH | 14491  | 267389  | 3.60%  | 0.159% |
| 170    | 11.387 | 11.348 | 11.413 | HH | 16756  | 452659  | 6.09%  | 0.268% |
| 171    | 11.437 | 11.413 | 11.449 | HH | 9740   | 202484  | 2.72%  | 0.120% |
| 172    | 11.465 | 11.449 | 11.480 | HH | 9296   | 164381  | 2.21%  | 0.097% |
| 173    | 11.492 | 11.480 | 11.505 | HH | 8964   | 127089  | 1.71%  | 0.075% |
| 174    | 11.534 | 11.505 | 11.550 | HH | 61233  | 811312  | 10.92% | 0.481% |
| 175    | 11.566 | 11.550 | 11.612 | HH | 68614  | 1062697 | 14.30% | 0.630% |
| 176    | 11.647 | 11.612 | 11.667 | HH | 77195  | 1348746 | 18.15% | 0.800% |
| 177    | 11.683 | 11.667 | 11.696 | HH | 43860  | 565876  | 7.62%  | 0.336% |
| 178    | 11.713 | 11.696 | 11.759 | HH | 57827  | 1011095 | 13.61% | 0.600% |
| 179    | 11.778 | 11.759 | 11.793 | HH | 9284   | 177273  | 2.39%  | 0.105% |
| 180    | 11.838 | 11.793 | 11.858 | HH | 16689  | 477292  | 6.42%  | 0.283% |
| 181    | 11.892 | 11.858 | 11.980 | HH | 87325  | 1936552 | 26.06% | 1.149% |
| 182    | 12.004 | 11.980 | 12.025 | HH | 32010  | 534406  | 7.19%  | 0.317% |
| 183    | 12.031 | 12.025 | 12.050 | HH | 16020  | 211844  | 2.85%  | 0.126% |
| 184    | 12.068 | 12.050 | 12.078 | HH | 15282  | 229808  | 3.09%  | 0.136% |
| 185    | 12.092 | 12.078 | 12.125 | HH | 22647  | 436699  | 5.88%  | 0.259% |
| 186    | 12.148 | 12.125 | 12.168 | HH | 13502  | 294293  | 3.96%  | 0.175% |
| 187    | 12.185 | 12.168 | 12.197 | HH | 12235  | 195301  | 2.63%  | 0.116% |
| 188    | 12.210 | 12.197 | 12.240 | HH | 13277  | 311202  | 4.19%  | 0.185% |
| 189    | 12.255 | 12.240 | 12.265 | HH | 15648  | 215810  | 2.90%  | 0.128% |
| 190    | 12.278 | 12.265 | 12.301 | HH | 16323  | 298736  | 4.02%  | 0.177% |
| 191    | 12.323 | 12.301 | 12.338 | HH | 23938  | 393519  | 5.30%  | 0.233% |
| 192    | 12.343 | 12.338 | 12.367 | HH | 17829  | 243594  | 3.28%  | 0.144% |
| 193    | 12.400 | 12.367 | 12.415 | HH | 39030  | 644132  | 8.67%  | 0.382% |
| 194    | 12.433 | 12.415 | 12.452 | HH | 55005  | 810389  | 10.91% | 0.481% |

Instrument :  
FID\_F  
ClientSampleId :  
PL-01-050820MSD

Manual Integrations  
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FID\_F  
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Manual Integrations  
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| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 195    | 12.475 | 12.452 | 12.520 | HH | 52787  | 1234206 | 16.61%  | 0.732% |
| 196    | 12.554 | 12.520 | 12.610 | HH | 584045 | 7430843 | 100.00% | 4.407% |
| 197    | 12.630 | 12.610 | 12.636 | HH | 14393  | 201632  | 2.71%   | 0.120% |
| 198    | 12.648 | 12.636 | 12.666 | HH | 14875  | 245027  | 3.30%   | 0.145% |
| 199    | 12.701 | 12.666 | 12.719 | HH | 25140  | 581595  | 7.83%   | 0.345% |
| 200    | 12.738 | 12.719 | 12.756 | HH | 33998  | 540850  | 7.28%   | 0.321% |
| 201    | 12.763 | 12.756 | 12.770 | HH | 19036  | 162225  | 2.18%   | 0.096% |
| 202    | 12.781 | 12.770 | 12.817 | HH | 20016  | 506455  | 6.82%   | 0.300% |
| 203    | 12.852 | 12.817 | 12.881 | HH | 487848 | 5943828 | 79.99%  | 3.525% |
| 204    | 12.907 | 12.881 | 12.926 | HH | 269469 | 3471060 | 46.71%  | 2.059% |
| 205    | 12.934 | 12.926 | 12.943 | HH | 71908  | 660854  | 8.89%   | 0.392% |
| 206    | 12.964 | 12.943 | 12.988 | HH | 316987 | 4263667 | 57.38%  | 2.529% |
| 207    | 12.997 | 12.988 | 13.013 | HH | 34042  | 446770  | 6.01%   | 0.265% |
| 208    | 13.022 | 13.013 | 13.043 | HH | 25870  | 385234  | 5.18%   | 0.228% |
| 209    | 13.061 | 13.043 | 13.077 | HH | 21498  | 388640  | 5.23%   | 0.230% |
| 210    | 13.085 | 13.077 | 13.101 | HH | 19045  | 244634  | 3.29%   | 0.145% |
| 211    | 13.140 | 13.101 | 13.162 | HH | 54626  | 1261099 | 16.97%  | 0.748% |
| 212    | 13.177 | 13.162 | 13.193 | HH | 25796  | 410628  | 5.53%   | 0.244% |
| 213    | 13.202 | 13.193 | 13.223 | HH | 20198  | 317068  | 4.27%   | 0.188% |
| 214    | 13.248 | 13.223 | 13.285 | HH | 24738  | 728384  | 9.80%   | 0.432% |
| 215    | 13.309 | 13.285 | 13.335 | HH | 42431  | 867018  | 11.67%  | 0.514% |
| 216    | 13.343 | 13.335 | 13.372 | HH | 17983  | 334023  | 4.50%   | 0.198% |
| 217    | 13.439 | 13.372 | 13.482 | HH | 80136  | 2104291 | 28.32%  | 1.248% |
| 218    | 13.500 | 13.482 | 13.519 | HH | 20333  | 383928  | 5.17%   | 0.228% |
| 219    | 13.546 | 13.519 | 13.568 | HH | 58475  | 968802  | 13.04%  | 0.575% |
| 220    | 13.586 | 13.568 | 13.607 | HH | 50751  | 825853  | 11.11%  | 0.490% |
| 221    | 13.621 | 13.607 | 13.645 | HH | 31007  | 565340  | 7.61%   | 0.335% |
| 222    | 13.672 | 13.645 | 13.692 | HH | 47539  | 906781  | 12.20%  | 0.538% |
| 223    | 13.714 | 13.692 | 13.737 | HH | 53097  | 958194  | 12.89%  | 0.568% |
| 224    | 13.756 | 13.737 | 13.822 | HH | 45005  | 1249688 | 16.82%  | 0.741% |
| 225    | 13.833 | 13.822 | 13.852 | HH | 16887  | 295931  | 3.98%   | 0.176% |
| 226    | 13.876 | 13.852 | 13.889 | HH | 17811  | 375334  | 5.05%   | 0.223% |
| 227    | 13.907 | 13.889 | 13.926 | HH | 18440  | 399358  | 5.37%   | 0.237% |
| 228    | 13.949 | 13.926 | 13.959 | HH | 18080  | 341089  | 4.59%   | 0.202% |
| 229    | 13.963 | 13.959 | 13.997 | HH | 18014  | 395493  | 5.32%   | 0.235% |
| 230    | 14.025 | 13.997 | 14.055 | HH | 20070  | 616156  | 8.29%   | 0.365% |
| 231    | 14.082 | 14.055 | 14.090 | HH | 18046  | 361922  | 4.87%   | 0.215% |
| 232    | 14.129 | 14.090 | 14.159 | HH | 31376  | 1037243 | 13.96%  | 0.615% |
| 233    | 14.185 | 14.159 | 14.214 | HH | 46792  | 1069151 | 14.39%  | 0.634% |
| 234    | 14.237 | 14.214 | 14.260 | HH | 28047  | 707161  | 9.52%   | 0.419% |
| 235    | 14.279 | 14.260 | 14.325 | HH | 32602  | 1056782 | 14.22%  | 0.627% |
| 236    | 14.353 | 14.325 | 14.387 | HH | 58186  | 1289763 | 17.36%  | 0.765% |
| 237    | 14.413 | 14.387 | 14.439 | HH | 69004  | 1421477 | 19.13%  | 0.843% |
| 238    | 14.463 | 14.439 | 14.477 | HH | 35919  | 713680  | 9.60%   | 0.423% |
| 239    | 14.492 | 14.477 | 14.520 | HH | 43507  | 864970  | 11.64%  | 0.513% |
| 240    | 14.531 | 14.520 | 14.544 | HH | 25032  | 350853  | 4.72%   | 0.208% |
| 241    | 14.568 | 14.544 | 14.589 | HH | 41795  | 867747  | 11.68%  | 0.515% |
| 242    | 14.604 | 14.589 | 14.663 | HH | 31797  | 1042185 | 14.03%  | 0.618% |
| 243    | 14.688 | 14.663 | 14.700 | HH | 31606  | 567853  | 7.64%   | 0.337% |
| 244    | 14.728 | 14.700 | 14.748 | HH | 260243 | 3621003 | 48.73%  | 2.148% |
| 245    | 14.769 | 14.748 | 14.852 | HH | 260851 | 4378396 | 58.92%  | 2.597% |
| 246    | 14.888 | 14.852 | 14.950 | HH | 50994  | 2064393 | 27.78%  | 1.224% |

| rteres |        |        |        |     |        |         |        |        |  |
|--------|--------|--------|--------|-----|--------|---------|--------|--------|--|
| 247    | 14.961 | 14.950 | 14.965 | HH  | 27579  | 238208  | 3.21%  | 0.141% |  |
| 248    | 14.985 | 14.965 | 15.013 | HH  | 31243  | 814443  | 10.96% | 0.483% |  |
| 249    | 15.039 | 15.013 | 15.057 | HH  | 40272  | 882447  | 11.88% | 0.523% |  |
| 250    | 15.073 | 15.057 | 15.097 | HH  | 40238  | 830787  | 11.18% | 0.493% |  |
| 251    | 15.110 | 15.097 | 15.125 | HH  | 29110  | 468911  | 6.31%  | 0.278% |  |
| 252    | 15.130 | 15.125 | 15.137 | HH  | 28891  | 207185  | 2.79%  | 0.123% |  |
| 253    | 15.163 | 15.137 | 15.176 | HH  | 36766  | 774937  | 10.43% | 0.460% |  |
| 254    | 15.182 | 15.176 | 15.252 | HH  | 35349  | 1321718 | 17.79% | 0.784% |  |
| 255    | 15.286 | 15.252 | 15.306 | HH  | 33034  | 927095  | 12.48% | 0.550% |  |
| 256    | 15.310 | 15.306 | 15.327 | HH  | 29469  | 356879  | 4.80%  | 0.212% |  |
| 257    | 15.352 | 15.327 | 15.373 | HH  | 37944  | 884815  | 11.91% | 0.525% |  |
| 258    | 15.398 | 15.373 | 15.420 | HH  | 77824  | 1394272 | 18.76% | 0.827% |  |
| 259    | 15.436 | 15.420 | 15.471 | HH  | 48081  | 1151425 | 15.50% | 0.683% |  |
| 260    | 15.487 | 15.471 | 15.521 | HH  | 37314  | 1032101 | 13.89% | 0.612% |  |
| 261    | 15.544 | 15.521 | 15.551 | HH  | 50067  | 772526  | 10.40% | 0.458% |  |
| 262    | 15.562 | 15.551 | 15.599 | HH  | 51190  | 1254203 | 16.88% | 0.744% |  |
| 263    | 15.625 | 15.599 | 15.665 | HH  | 41925  | 1395307 | 18.78% | 0.828% |  |
| 264    | 15.679 | 15.665 | 15.702 | HH  | 32132  | 682999  | 9.19%  | 0.405% |  |
| 265    | 15.720 | 15.702 | 15.760 | HH  | 35305  | 1120215 | 15.08% | 0.664% |  |
| 266    | 15.788 | 15.760 | 15.850 | HH  | 59120  | 2176150 | 29.29% | 1.291% |  |
| 267    | 15.896 | 15.880 | 15.916 | HH  | 32402  | 694801  | 9.35%  | 0.412% |  |
| 268    | 15.929 | 15.916 | 15.947 | HH  | 32628  | 580358  | 7.81%  | 0.344% |  |
| 269    | 15.996 | 15.947 | 16.019 | HH  | 40550  | 1549349 | 20.85% | 0.919% |  |
| 270    | 16.157 | 16.123 | 16.175 | HH  | 42634  | 1241263 | 16.70% | 0.736% |  |
| 271    | 16.199 | 16.175 | 16.224 | HH  | 49839  | 1265526 | 17.03% | 0.751% |  |
| 272    | 16.245 | 16.224 | 16.256 | HH  | 49755  | 856565  | 11.53% | 0.508% |  |
| 273    | 16.289 | 16.256 | 16.306 | HH  | 258036 | 4160071 | 55.98% | 2.467% |  |
| 274    | 16.314 | 16.306 | 16.353 | HH  | 130460 | 2202778 | 29.64% | 1.306% |  |
| 275    | 16.366 | 16.353 | 16.383 | HH  | 41887  | 723953  | 9.74%  | 0.429% |  |
| 276    | 16.419 | 16.383 | 16.441 | HH  | 78989  | 1921972 | 25.86% | 1.140% |  |
| 277    | 16.451 | 16.441 | 16.467 | HH  | 47864  | 700080  | 9.42%  | 0.415% |  |
| 278    | 16.479 | 16.467 | 16.505 | HH  | 43651  | 968678  | 13.04% | 0.575% |  |
| 279    | 16.567 | 16.505 | 16.583 | HH  | 67095  | 2366697 | 31.85% | 1.404% |  |
| 280    | 16.609 | 16.583 | 16.641 | HH  | 166727 | 3207383 | 43.16% | 1.902% |  |
| 281    | 16.669 | 16.641 | 16.708 | HH  | 220017 | 4024225 | 54.16% | 2.387% |  |
| 282    | 16.732 | 16.708 | 16.749 | HH  | 71065  | 1461985 | 19.67% | 0.867% |  |
| 283    | 16.769 | 16.749 | 16.780 | HHA | 92327  | 1458511 | 19.63% | 0.865% |  |

Sum of corrected areas: 168611488

Instrument :  
FID\_F  
ClientSampleId :  
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