

Instrument :  
FID\_F  
ClientSampleId :  
18SMS

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
8/17/2021 4:41:31 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081621\  
Data File : FF008925.D  
Signal(s) : FID2B.ch  
Acq On : 16 Aug 2021 20:59  
Sample : M3424-05MS  
Misc :  
ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF072121.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         | 2.406       | 2.381        | 2.477      | BH       | 271486         | 1953681      | 46.62%         | 2.123%        |
| 2         | 2.484       | 2.477        | 2.504      | HH       | 191            | 1404         | 0.03%          | 0.002%        |
| 3         | 2.507       | 2.504        | 2.512      | HH       | 58             | 308          | 0.01%          | 0.000%        |
| 4         | 2.517       | 2.512        | 2.531      | HH       | 111            | 641          | 0.02%          | 0.001%        |
| 5         | 2.538       | 2.531        | 2.549      | HH       | 132            | 672          | 0.02%          | 0.001%        |
| 6         | 2.554       | 2.549        | 2.558      | PH       | 111            | 325          | 0.01%          | 0.000%        |
| 7         | 2.581       | 2.558        | 2.619      | HH       | 804            | 9506         | 0.23%          | 0.010%        |
| 8         | 2.717       | 2.713        | 2.721      | PH       | 40             | 36           | 0.00%          | 0.000%        |
| 9         | 2.726       | 2.721        | 2.734      | PH       | 26             | -74          | -0.00%         | -0.000%       |
| 10        | 2.753       | 2.734        | 2.774      | PH       | 31             | -463         | -0.01%         | -0.001%       |
| 11        | 2.778       | 2.774        | 2.812      | PH       | 33             | -1062        | -0.03%         | -0.001%       |
| 12        | 2.816       | 2.812        | 2.819      | PH       | -58            | -223         | -0.01%         | -0.000%       |
| 13        | 2.823       | 2.819        | 2.829      | PH       | -45            | -334         | -0.01%         | -0.000%       |
| 14        | 2.837       | 2.829        | 2.845      | PH       | -33            | -675         | -0.02%         | -0.001%       |
| 15        | 2.874       | 2.845        | 2.899      | PH       | 95             | -701         | -0.02%         | -0.001%       |
| 16        | 2.907       | 2.899        | 2.919      | PH       | 5              | -651         | -0.02%         | -0.001%       |
| 17        | 2.924       | 2.919        | 2.947      | PH       | -62            | -887         | -0.02%         | -0.001%       |
| 18        | 2.959       | 2.947        | 2.965      | PH       | 220            | 653          | 0.02%          | 0.001%        |
| 19        | 2.968       | 2.965        | 2.994      | HH       | 137            | 779          | 0.02%          | 0.001%        |
| 20        | 3.001       | 2.994        | 3.017      | PH       | 47             | -494         | -0.01%         | -0.001%       |
| 21        | 3.020       | 3.017        | 3.047      | PH       | 98             | 241          | 0.01%          | 0.000%        |
| 22        | 3.050       | 3.047        | 3.059      | PH       | -82            | -535         | -0.01%         | -0.001%       |
| 23        | 3.069       | 3.059        | 3.074      | PH       | -3             | -506         | -0.01%         | -0.001%       |
| 24        | 3.078       | 3.074        | 3.086      | PH       | 39             | -428         | -0.01%         | -0.000%       |
| 25        | 3.089       | 3.086        | 3.097      | PH       | -51            | -646         | -0.02%         | -0.001%       |
| 26        | 3.121       | 3.097        | 3.126      | PH       | 83             | -454         | -0.01%         | -0.000%       |
| 27        | 3.189       | 3.179        | 3.199      | PH       | 125            | 634          | 0.02%          | 0.001%        |
| 28        | 3.211       | 3.199        | 3.252      | PH       | 179            | 21           | 0.00%          | 0.000%        |
| 29        | 3.254       | 3.252        | 3.259      | PH       | -62            | -294         | -0.01%         | -0.000%       |
| 30        | 3.265       | 3.259        | 3.274      | PH       | -67            | -814         | -0.02%         | -0.001%       |
| 31        | 3.283       | 3.274        | 3.292      | PH       | -77            | -1235        | -0.03%         | -0.001%       |
| 32        | 3.317       | 3.292        | 3.343      | PH       | 583            | 3129         | 0.07%          | 0.003%        |
| 33        | 3.349       | 3.343        | 3.371      | PH       | 7              | -990         | -0.02%         | -0.001%       |
| 34        | 3.374       | 3.371        | 3.378      | PH       | -66            | -352         | -0.01%         | -0.000%       |
| 35        | 3.381       | 3.378        | 3.392      | PH       | -76            | -930         | -0.02%         | -0.001%       |
| 36        | 3.403       | 3.392        | 3.418      | PH       | -84            | -1901        | -0.05%         | -0.002%       |

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|    |       |       |       |    | rt     | Area    | Height | %Area   | %Height |
|----|-------|-------|-------|----|--------|---------|--------|---------|---------|
| 37 | 3.435 | 3.418 | 3.468 | PH | 427    | 442     | 0.01%  | 0.000%  |         |
| 38 | 3.497 | 3.468 | 3.512 | PH | 61     | -1982   | -0.05% | -0.002% |         |
| 39 | 3.514 | 3.512 | 3.519 | PH | -111   | -556    | -0.01% | -0.001% |         |
| 40 | 3.523 | 3.519 | 3.527 | PH | -93    | -530    | -0.01% | -0.001% |         |
| 41 | 3.532 | 3.527 | 3.552 | PH | -14    | -2039   | -0.05% | -0.002% |         |
| 42 | 3.567 | 3.552 | 3.575 | PH | -90    | -1707   | -0.04% | -0.002% |         |
| 43 | 3.601 | 3.575 | 3.624 | PH | 12     | -2551   | -0.06% | -0.003% |         |
| 44 | 3.629 | 3.624 | 3.649 | PH | -100   | -2145   | -0.05% | -0.002% |         |
| 45 | 3.653 | 3.649 | 3.671 | PH | -129   | -2055   | -0.05% | -0.002% |         |
| 46 | 3.678 | 3.671 | 3.701 | PH | -93    | -2882   | -0.07% | -0.003% |         |
| 47 | 3.723 | 3.701 | 3.765 | PH | 58     | -2188   | -0.05% | -0.002% |         |
| 48 | 3.771 | 3.765 | 3.779 | PH | -53    | -1026   | -0.02% | -0.001% |         |
| 49 | 3.790 | 3.779 | 3.866 | PH | 400    | 8986    | 0.21%  | 0.010%  |         |
| 50 | 3.882 | 3.866 | 3.893 | PH | 95     | 259     | 0.01%  | 0.000%  |         |
| 51 | 3.900 | 3.893 | 3.925 | PH | 29     | 249     | 0.01%  | 0.000%  |         |
| 52 | 3.933 | 3.925 | 3.962 | PH | 55     | -570    | -0.01% | -0.001% |         |
| 53 | 3.983 | 3.962 | 4.000 | PH | 45     | -905    | -0.02% | -0.001% |         |
| 54 | 4.025 | 4.000 | 4.069 | PH | 12     | -3890   | -0.09% | -0.004% |         |
| 55 | 4.099 | 4.069 | 4.117 | PH | 1946   | 16627   | 0.40%  | 0.018%  |         |
| 56 | 4.126 | 4.117 | 4.162 | HH | 504    | 5562    | 0.13%  | 0.006%  |         |
| 57 | 4.201 | 4.162 | 4.234 | PH | 56     | -1926   | -0.05% | -0.002% |         |
| 58 | 4.240 | 4.234 | 4.254 | PH | -16    | -1010   | -0.02% | -0.001% |         |
| 59 | 4.271 | 4.254 | 4.341 | PH | 450    | 5319    | 0.13%  | 0.006%  |         |
| 60 | 4.357 | 4.341 | 4.391 | PH | 57     | -1415   | -0.03% | -0.002% |         |
| 61 | 4.427 | 4.391 | 4.471 | PH | 129    | 717     | 0.02%  | 0.001%  |         |
| 62 | 4.506 | 4.471 | 4.627 | PH | 292206 | 2521210 | 60.17% | 2.740%  |         |
| 63 | 4.653 | 4.627 | 4.751 | PH | 671    | -1790   | -0.04% | -0.002% |         |
| 64 | 4.759 | 4.751 | 4.782 | PH | -133   | -3428   | -0.08% | -0.004% |         |
| 65 | 4.790 | 4.782 | 4.810 | PH | -218   | -3821   | -0.09% | -0.004% |         |
| 66 | 4.823 | 4.810 | 4.830 | PH | -144   | -2614   | -0.06% | -0.003% |         |
| 67 | 4.848 | 4.830 | 4.877 | PH | -90    | -4723   | -0.11% | -0.005% |         |
| 68 | 4.887 | 4.877 | 4.912 | PH | -211   | -5322   | -0.13% | -0.006% |         |
| 69 | 4.918 | 4.912 | 4.949 | PH | -185   | -6108   | -0.15% | -0.007% |         |
| 70 | 4.960 | 4.949 | 5.002 | PH | -241   | -9525   | -0.23% | -0.010% |         |
| 71 | 5.009 | 5.002 | 5.053 | PH | -236   | -9225   | -0.22% | -0.010% |         |
| 72 | 5.099 | 5.053 | 5.164 | PH | -101   | -19877  | -0.47% | -0.022% |         |
| 73 | 5.180 | 5.164 | 5.205 | PH | -296   | -8861   | -0.21% | -0.010% |         |
| 74 | 5.214 | 5.205 | 5.226 | PH | -350   | -4463   | -0.11% | -0.005% |         |
| 75 | 5.249 | 5.226 | 5.268 | PH | -216   | -7920   | -0.19% | -0.009% |         |
| 76 | 5.277 | 5.268 | 5.287 | PH | -393   | -4542   | -0.11% | -0.005% |         |
| 77 | 5.294 | 5.287 | 5.302 | PH | -356   | -3597   | -0.09% | -0.004% |         |
| 78 | 5.310 | 5.302 | 5.342 | PH | -383   | -10177  | -0.24% | -0.011% |         |
| 79 | 5.362 | 5.342 | 5.404 | PH | 338    | -7173   | -0.17% | -0.008% |         |
| 80 | 5.420 | 5.404 | 5.519 | PH | -159   | -24825  | -0.59% | -0.027% |         |
| 81 | 5.540 | 5.519 | 5.563 | PH | 1462   | 5720    | 0.14%  | 0.006%  |         |
| 82 | 5.585 | 5.563 | 5.609 | PH | -187   | -9317   | -0.22% | -0.010% |         |
| 83 | 5.628 | 5.609 | 5.646 | PH | -286   | -8422   | -0.20% | -0.009% |         |
| 84 | 5.659 | 5.646 | 5.684 | PH | -202   | -7179   | -0.17% | -0.008% |         |
| 85 | 5.691 | 5.684 | 5.727 | PH | -373   | -10031  | -0.24% | -0.011% |         |
| 86 | 5.734 | 5.727 | 5.751 | PH | -393   | -6017   | -0.14% | -0.007% |         |
| 87 | 5.765 | 5.751 | 5.774 | PH | -298   | -5525   | -0.13% | -0.006% |         |
| 88 | 5.781 | 5.774 | 5.819 | PH | -366   | -11690  | -0.28% | -0.013% |         |
| 89 | 5.829 | 5.819 | 5.841 | PH | -458   | -6407   | -0.15% | -0.007% |         |

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|     |       |       |       |    | rt     | Area    | Height | %Area   | %Height |
|-----|-------|-------|-------|----|--------|---------|--------|---------|---------|
| 90  | 5.887 | 5.841 | 5.935 | PH | -392   | -26548  | -0.63% | -0.029% |         |
| 91  | 5.946 | 5.935 | 5.954 | PH | -403   | -5223   | -0.12% | -0.006% |         |
| 92  | 5.974 | 5.954 | 6.006 | PH | -386   | -14281  | -0.34% | -0.016% |         |
| 93  | 6.024 | 6.006 | 6.036 | PH | -272   | -7045   | -0.17% | -0.008% |         |
| 94  | 6.082 | 6.036 | 6.125 | PH | -75    | -13987  | -0.33% | -0.015% |         |
| 95  | 6.148 | 6.125 | 6.216 | PH | 12605  | 139485  | 3.33%  | 0.152%  |         |
| 96  | 6.231 | 6.216 | 6.297 | HH | 176    | -3911   | -0.09% | -0.004% |         |
| 97  | 6.304 | 6.297 | 6.346 | PH | -181   | -7494   | -0.18% | -0.008% |         |
| 98  | 6.366 | 6.346 | 6.455 | PH | 699    | -5482   | -0.13% | -0.006% |         |
| 99  | 6.519 | 6.455 | 6.590 | PH | 273838 | 2612574 | 62.35% | 2.839%  |         |
| 100 | 6.598 | 6.590 | 6.617 | PH | -185   | -3990   | -0.10% | -0.004% |         |
| 101 | 6.624 | 6.617 | 6.651 | PH | -230   | -5864   | -0.14% | -0.006% |         |
| 102 | 6.660 | 6.651 | 6.717 | PH | -313   | -15005  | -0.36% | -0.016% |         |
| 103 | 6.741 | 6.717 | 6.759 | PH | -355   | -10494  | -0.25% | -0.011% |         |
| 104 | 6.802 | 6.759 | 6.814 | PH | -202   | -13597  | -0.32% | -0.015% |         |
| 105 | 6.831 | 6.814 | 6.867 | PH | -317   | -13917  | -0.33% | -0.015% |         |
| 106 | 6.878 | 6.867 | 6.956 | PH | -434   | -27218  | -0.65% | -0.030% |         |
| 107 | 6.982 | 6.956 | 7.026 | PH | -161   | -13486  | -0.32% | -0.015% |         |
| 108 | 7.048 | 7.026 | 7.072 | PH | -269   | -10464  | -0.25% | -0.011% |         |
| 109 | 7.080 | 7.072 | 7.096 | PH | -358   | -6666   | -0.16% | -0.007% |         |
| 110 | 7.176 | 7.096 | 7.191 | PH | 409    | -13137  | -0.31% | -0.014% |         |
| 111 | 7.197 | 7.191 | 7.259 | HH | 295    | -622    | -0.01% | -0.001% |         |
| 112 | 7.271 | 7.259 | 7.301 | PH | -254   | -7785   | -0.19% | -0.008% |         |
| 113 | 7.318 | 7.301 | 7.391 | PH | -200   | -19787  | -0.47% | -0.022% |         |
| 114 | 7.396 | 7.391 | 7.417 | PH | -473   | -7685   | -0.18% | -0.008% |         |
| 115 | 7.440 | 7.417 | 7.499 | PH | 644    | -15838  | -0.38% | -0.017% |         |
| 116 | 7.523 | 7.499 | 7.542 | PH | -567   | -14557  | -0.35% | -0.016% |         |
| 117 | 7.565 | 7.542 | 7.582 | PH | -434   | -12225  | -0.29% | -0.013% |         |
| 118 | 7.596 | 7.582 | 7.632 | PH | -342   | -14898  | -0.36% | -0.016% |         |
| 119 | 7.671 | 7.632 | 7.711 | PH | -262   | -21788  | -0.52% | -0.024% |         |
| 120 | 7.732 | 7.711 | 7.795 | PH | 163    | -18892  | -0.45% | -0.021% |         |
| 121 | 7.803 | 7.795 | 7.831 | PH | -459   | -11293  | -0.27% | -0.012% |         |
| 122 | 7.846 | 7.831 | 7.872 | PH | -297   | -10252  | -0.24% | -0.011% |         |
| 123 | 7.896 | 7.872 | 7.951 | PH | 272    | -16385  | -0.39% | -0.018% |         |
| 124 | 7.954 | 7.951 | 7.982 | PH | -516   | -10282  | -0.25% | -0.011% |         |
| 125 | 8.005 | 7.982 | 8.026 | PH | -216   | -11312  | -0.27% | -0.012% |         |
| 126 | 8.044 | 8.026 | 8.120 | PH | -139   | -26043  | -0.62% | -0.028% |         |
| 127 | 8.131 | 8.120 | 8.156 | PH | -520   | -12674  | -0.30% | -0.014% |         |
| 128 | 8.169 | 8.156 | 8.186 | PH | -549   | -10860  | -0.26% | -0.012% |         |
| 129 | 8.205 | 8.186 | 8.236 | PH | -253   | -12750  | -0.30% | -0.014% |         |
| 130 | 8.309 | 8.236 | 8.487 | PH | 264760 | 2647008 | 63.17% | 2.877%  |         |
| 131 | 8.506 | 8.487 | 8.517 | PH | -377   | -7527   | -0.18% | -0.008% |         |
| 132 | 8.540 | 8.517 | 8.570 | PH | 95     | -7233   | -0.17% | -0.008% |         |
| 133 | 8.595 | 8.570 | 8.642 | PH | -436   | -22093  | -0.53% | -0.024% |         |
| 134 | 8.675 | 8.642 | 8.712 | PH | -235   | -18995  | -0.45% | -0.021% |         |
| 135 | 8.760 | 8.712 | 8.771 | PH | 106    | -10949  | -0.26% | -0.012% |         |
| 136 | 8.779 | 8.771 | 8.836 | PH | 81     | -10722  | -0.26% | -0.012% |         |
| 137 | 8.842 | 8.836 | 8.890 | PH | -432   | -16810  | -0.40% | -0.018% |         |
| 138 | 8.918 | 8.890 | 8.980 | PH | -115   | -23549  | -0.56% | -0.026% |         |
| 139 | 8.996 | 8.980 | 9.002 | PH | -485   | -7093   | -0.17% | -0.008% |         |
| 140 | 9.030 | 9.002 | 9.071 | PH | 982    | -3987   | -0.10% | -0.004% |         |
| 141 | 9.081 | 9.071 | 9.091 | PH | -503   | -6779   | -0.16% | -0.007% |         |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 142 | 9.127  | 9.091  | 9.162  | PH | 563    | -12164  | -0.29% | -0.013% |
| 143 | 9.170  | 9.162  | 9.227  | PH | -529   | -24480  | -0.58% | -0.027% |
| 144 | 9.240  | 9.227  | 9.289  | PH | -621   | -25442  | -0.61% | -0.028% |
| 145 | 9.310  | 9.289  | 9.339  | PH | -549   | -19348  | -0.46% | -0.021% |
| 146 | 9.348  | 9.339  | 9.366  | PH | -575   | -10080  | -0.24% | -0.011% |
| 147 | 9.387  | 9.366  | 9.407  | PH | -559   | -15807  | -0.38% | -0.017% |
| 148 | 9.452  | 9.407  | 9.496  | PH | 585    | -7362   | -0.18% | -0.008% |
| 149 | 9.509  | 9.496  | 9.536  | PH | -264   | -9961   | -0.24% | -0.011% |
| 150 | 9.545  | 9.536  | 9.557  | PH | -503   | -6912   | -0.16% | -0.008% |
| 151 | 9.577  | 9.557  | 9.608  | PH | -278   | -14941  | -0.36% | -0.016% |
| 152 | 9.631  | 9.608  | 9.664  | PH | -346   | -17868  | -0.43% | -0.019% |
| 153 | 9.683  | 9.664  | 9.707  | PH | -392   | -15074  | -0.36% | -0.016% |
| 154 | 9.740  | 9.707  | 9.764  | PH | -386   | -18346  | -0.44% | -0.020% |
| 155 | 9.785  | 9.764  | 9.817  | PH | -9     | -14329  | -0.34% | -0.016% |
| 156 | 9.841  | 9.817  | 9.862  | PH | -121   | -10365  | -0.25% | -0.011% |
| 157 | 9.904  | 9.862  | 9.989  | PH | 252797 | 2680660 | 63.97% | 2.913%  |
| 158 | 9.996  | 9.989  | 10.042 | PH | -390   | -14032  | -0.33% | -0.015% |
| 159 | 10.054 | 10.042 | 10.136 | PH | -469   | -31649  | -0.76% | -0.034% |
| 160 | 10.144 | 10.136 | 10.160 | PH | -598   | -9538   | -0.23% | -0.010% |
| 161 | 10.170 | 10.160 | 10.199 | PH | -647   | -15681  | -0.37% | -0.017% |
| 162 | 10.247 | 10.199 | 10.276 | PH | -420   | -27088  | -0.65% | -0.029% |
| 163 | 10.306 | 10.276 | 10.334 | PH | -330   | -14843  | -0.35% | -0.016% |
| 164 | 10.339 | 10.334 | 10.375 | PH | -400   | -11337  | -0.27% | -0.012% |
| 165 | 10.392 | 10.375 | 10.416 | PH | -449   | -12685  | -0.30% | -0.014% |
| 166 | 10.431 | 10.416 | 10.447 | PH | -398   | -9989   | -0.24% | -0.011% |
| 167 | 10.476 | 10.447 | 10.495 | PH | -255   | -11410  | -0.27% | -0.012% |
| 168 | 10.526 | 10.495 | 10.577 | PH | -137   | -16276  | -0.39% | -0.018% |
| 169 | 10.597 | 10.577 | 10.617 | PH | 162    | -4197   | -0.10% | -0.005% |
| 170 | 10.640 | 10.617 | 10.699 | PH | 502    | -11480  | -0.27% | -0.012% |
| 171 | 10.718 | 10.699 | 10.728 | PH | -425   | -7996   | -0.19% | -0.009% |
| 172 | 10.748 | 10.728 | 10.766 | PH | 107    | -5111   | -0.12% | -0.006% |
| 173 | 10.786 | 10.766 | 10.816 | PH | -294   | -12050  | -0.29% | -0.013% |
| 174 | 10.834 | 10.816 | 10.851 | PH | -483   | -11248  | -0.27% | -0.012% |
| 175 | 10.872 | 10.851 | 10.894 | PH | -290   | -11781  | -0.28% | -0.013% |
| 176 | 10.914 | 10.894 | 10.941 | PH | 668    | -438    | -0.01% | -0.000% |
| 177 | 10.948 | 10.941 | 10.974 | PH | -327   | -8135   | -0.19% | -0.009% |
| 178 | 10.989 | 10.974 | 10.999 | PH | -294   | -5852   | -0.14% | -0.006% |
| 179 | 11.012 | 10.999 | 11.026 | PH | -238   | -5399   | -0.13% | -0.006% |
| 180 | 11.035 | 11.026 | 11.081 | PH | -253   | -11876  | -0.28% | -0.013% |
| 181 | 11.095 | 11.081 | 11.137 | PH | -281   | -14759  | -0.35% | -0.016% |
| 182 | 11.151 | 11.137 | 11.164 | PH | -325   | -6950   | -0.17% | -0.008% |
| 183 | 11.182 | 11.164 | 11.194 | PH | -285   | -6319   | -0.15% | -0.007% |
| 184 | 11.206 | 11.194 | 11.234 | PH | -356   | -10364  | -0.25% | -0.011% |
| 185 | 11.275 | 11.234 | 11.286 | PH | -372   | -14081  | -0.34% | -0.015% |
| 186 | 11.342 | 11.286 | 11.399 | PH | 243444 | 2706336 | 64.58% | 2.941%  |
| 187 | 11.422 | 11.399 | 11.484 | PH | 335    | -7514   | -0.18% | -0.008% |
| 188 | 11.505 | 11.484 | 11.580 | PH | -268   | -24792  | -0.59% | -0.027% |
| 189 | 11.605 | 11.580 | 11.643 | PH | 2      | -13143  | -0.31% | -0.014% |
| 190 | 11.666 | 11.643 | 11.687 | PH | -362   | -11923  | -0.28% | -0.013% |
| 191 | 11.707 | 11.687 | 11.731 | PH | -347   | -10759  | -0.26% | -0.012% |
| 192 | 11.766 | 11.731 | 11.800 | PH | -166   | -15308  | -0.37% | -0.017% |
| 193 | 11.828 | 11.800 | 11.879 | PH | -64    | -18511  | -0.44% | -0.020% |
| 194 | 11.891 | 11.879 | 11.976 | PH | -374   | -28751  | -0.69% | -0.031% |

Instrument :  
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Manual Integrations  
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Instrument :  
FID\_F  
ClientSampleId :  
18SMS

Manual Integrations  
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|     |        |        |        |    | rt     | Area    | Height | %Area   | %Height |
|-----|--------|--------|--------|----|--------|---------|--------|---------|---------|
| 195 | 12.001 | 11.976 | 12.029 | PH | -79    | -9420   | -0.22% | -0.010% |         |
| 196 | 12.060 | 12.029 | 12.086 | PH | 845    | 706     | 0.02%  | 0.001%  |         |
| 197 | 12.102 | 12.086 | 12.134 | PH | 428    | -4063   | -0.10% | -0.004% |         |
| 198 | 12.139 | 12.134 | 12.160 | PH | -436   | -7611   | -0.18% | -0.008% |         |
| 199 | 12.180 | 12.160 | 12.196 | PH | -436   | -9950   | -0.24% | -0.011% |         |
| 200 | 12.255 | 12.196 | 12.293 | PH | 15129  | 130613  | 3.12%  | 0.142%  |         |
| 201 | 12.300 | 12.293 | 12.329 | PH | -80    | -4010   | -0.10% | -0.004% |         |
| 202 | 12.344 | 12.329 | 12.366 | PH | 30     | -2827   | -0.07% | -0.003% |         |
| 203 | 12.370 | 12.366 | 12.416 | PH | -128   | -8513   | -0.20% | -0.009% |         |
| 204 | 12.472 | 12.416 | 12.494 | PH | 338    | -6852   | -0.16% | -0.007% |         |
| 205 | 12.503 | 12.494 | 12.556 | PH | -249   | -12371  | -0.30% | -0.013% |         |
| 206 | 12.575 | 12.556 | 12.612 | PH | -40    | -7192   | -0.17% | -0.008% |         |
| 207 | 12.647 | 12.612 | 12.691 | PH | 244008 | 2729030 | 65.12% | 2.966%  |         |
| 208 | 12.727 | 12.691 | 12.821 | PH | 631    | -3217   | -0.08% | -0.003% |         |
| 209 | 12.899 | 12.821 | 12.941 | PH | -101   | -16987  | -0.41% | -0.018% |         |
| 210 | 13.024 | 12.941 | 13.037 | PH | 814    | 332     | 0.01%  | 0.000%  |         |
| 211 | 13.053 | 13.037 | 13.101 | HH | 636    | 9073    | 0.22%  | 0.010%  |         |
| 212 | 13.133 | 13.101 | 13.166 | PH | 230    | 424     | 0.01%  | 0.000%  |         |
| 213 | 13.211 | 13.166 | 13.232 | PH | 60     | -1723   | -0.04% | -0.002% |         |
| 214 | 13.287 | 13.232 | 13.421 | PH | 15201  | 289531  | 6.91%  | 0.315%  |         |
| 215 | 13.453 | 13.421 | 13.473 | HH | 655    | 13446   | 0.32%  | 0.015%  |         |
| 216 | 13.483 | 13.473 | 13.547 | HH | 442    | 9332    | 0.22%  | 0.010%  |         |
| 217 | 13.601 | 13.547 | 13.624 | HH | 1172   | 22399   | 0.53%  | 0.024%  |         |
| 218 | 13.646 | 13.624 | 13.741 | HH | 2632   | 53650   | 1.28%  | 0.058%  |         |
| 219 | 13.793 | 13.741 | 13.809 | HH | 1345   | 20980   | 0.50%  | 0.023%  |         |
| 220 | 13.841 | 13.809 | 13.875 | HH | 225968 | 2695058 | 64.31% | 2.929%  |         |
| 221 | 13.891 | 13.875 | 13.924 | HH | 789    | 16110   | 0.38%  | 0.018%  |         |
| 222 | 13.948 | 13.924 | 13.987 | HH | 857    | 17112   | 0.41%  | 0.019%  |         |
| 223 | 14.008 | 13.987 | 14.033 | HH | 343    | 7298    | 0.17%  | 0.008%  |         |
| 224 | 14.082 | 14.033 | 14.122 | HH | 678    | 22110   | 0.53%  | 0.024%  |         |
| 225 | 14.132 | 14.122 | 14.176 | HH | 296    | 7171    | 0.17%  | 0.008%  |         |
| 226 | 14.201 | 14.176 | 14.216 | HH | 844    | 12050   | 0.29%  | 0.013%  |         |
| 227 | 14.237 | 14.216 | 14.262 | HH | 2120   | 36144   | 0.86%  | 0.039%  |         |
| 228 | 14.277 | 14.262 | 14.299 | HH | 851    | 15799   | 0.38%  | 0.017%  |         |
| 229 | 14.314 | 14.299 | 14.366 | HH | 953    | 21791   | 0.52%  | 0.024%  |         |
| 230 | 14.401 | 14.366 | 14.446 | HH | 2599   | 48553   | 1.16%  | 0.053%  |         |
| 231 | 14.465 | 14.446 | 14.486 | HH | 796    | 15428   | 0.37%  | 0.017%  |         |
| 232 | 14.506 | 14.486 | 14.541 | HH | 848    | 23075   | 0.55%  | 0.025%  |         |
| 233 | 14.557 | 14.541 | 14.574 | HH | 658    | 10617   | 0.25%  | 0.012%  |         |
| 234 | 14.627 | 14.574 | 14.637 | HH | 1542   | 36165   | 0.86%  | 0.039%  |         |
| 235 | 14.650 | 14.637 | 14.697 | HH | 1619   | 39040   | 0.93%  | 0.042%  |         |
| 236 | 14.739 | 14.697 | 14.777 | HH | 111955 | 1584157 | 37.80% | 1.722%  |         |
| 237 | 14.795 | 14.777 | 14.836 | HH | 1537   | 38143   | 0.91%  | 0.041%  |         |
| 238 | 14.840 | 14.836 | 14.854 | HH | 739    | 7471    | 0.18%  | 0.008%  |         |
| 239 | 14.864 | 14.854 | 14.877 | HH | 706    | 9481    | 0.23%  | 0.010%  |         |
| 240 | 14.944 | 14.877 | 15.026 | HH | 218463 | 2706402 | 64.58% | 2.941%  |         |
| 241 | 15.055 | 15.026 | 15.107 | HH | 1682   | 47934   | 1.14%  | 0.052%  |         |
| 242 | 15.137 | 15.107 | 15.187 | HH | 1139   | 40987   | 0.98%  | 0.045%  |         |
| 243 | 15.206 | 15.187 | 15.215 | HH | 814    | 12456   | 0.30%  | 0.014%  |         |
| 244 | 15.250 | 15.215 | 15.264 | HH | 1023   | 26820   | 0.64%  | 0.029%  |         |
| 245 | 15.275 | 15.264 | 15.289 | HH | 1018   | 14045   | 0.34%  | 0.015%  |         |
| 246 | 15.329 | 15.289 | 15.436 | HH | 21942  | 421788  | 10.07% | 0.458%  |         |

| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 247    | 15.462 | 15.436 | 15.527 | HH | 5338   | 125892  | 3.00%  | 0.137% |  |
| 248    | 15.549 | 15.527 | 15.572 | HH | 1721   | 38115   | 0.91%  | 0.041% |  |
| 249    | 15.595 | 15.572 | 15.624 | HH | 1454   | 39953   | 0.95%  | 0.043% |  |
| 250    | 15.641 | 15.624 | 15.667 | HH | 1359   | 32378   | 0.77%  | 0.035% |  |
| 251    | 15.731 | 15.667 | 15.737 | HH | 1396   | 53352   | 1.27%  | 0.058% |  |
| 252    | 15.759 | 15.737 | 15.767 | HH | 1503   | 25752   | 0.61%  | 0.028% |  |
| 253    | 15.786 | 15.767 | 15.816 | HH | 1589   | 42688   | 1.02%  | 0.046% |  |
| 254    | 15.844 | 15.816 | 15.916 | HH | 1941   | 94856   | 2.26%  | 0.103% |  |
| 255    | 15.966 | 15.916 | 16.042 | HH | 206574 | 2651130 | 63.27% | 2.881% |  |
| 256    | 16.099 | 16.042 | 16.121 | HH | 1588   | 70388   | 1.68%  | 0.077% |  |
| 257    | 16.170 | 16.121 | 16.189 | HH | 1786   | 67434   | 1.61%  | 0.073% |  |
| 258    | 16.197 | 16.189 | 16.232 | HH | 1678   | 42605   | 1.02%  | 0.046% |  |
| 259    | 16.275 | 16.232 | 16.290 | HH | 2153   | 65360   | 1.56%  | 0.071% |  |
| 260    | 16.346 | 16.290 | 16.406 | HH | 3642   | 164806  | 3.93%  | 0.179% |  |
| 261    | 16.448 | 16.406 | 16.487 | HH | 6432   | 160667  | 3.83%  | 0.175% |  |
| 262    | 16.505 | 16.487 | 16.511 | HH | 2298   | 32239   | 0.77%  | 0.035% |  |
| 263    | 16.534 | 16.511 | 16.564 | HH | 2977   | 77996   | 1.86%  | 0.085% |  |
| 264    | 16.584 | 16.564 | 16.622 | HH | 2471   | 81964   | 1.96%  | 0.089% |  |
| 265    | 16.649 | 16.622 | 16.676 | HH | 2797   | 80677   | 1.93%  | 0.088% |  |
| 266    | 16.797 | 16.676 | 16.829 | HH | 3156   | 246671  | 5.89%  | 0.268% |  |
| 267    | 16.850 | 16.829 | 16.862 | HH | 2948   | 57651   | 1.38%  | 0.063% |  |
| 268    | 16.915 | 16.862 | 16.944 | HH | 197219 | 2570887 | 61.35% | 2.794% |  |
| 269    | 16.965 | 16.944 | 17.019 | HH | 18922  | 346039  | 8.26%  | 0.376% |  |
| 270    | 17.051 | 17.019 | 17.079 | HH | 3269   | 114554  | 2.73%  | 0.125% |  |
| 271    | 17.119 | 17.079 | 17.141 | HH | 3496   | 122972  | 2.93%  | 0.134% |  |
| 272    | 17.197 | 17.141 | 17.224 | HH | 3663   | 175203  | 4.18%  | 0.190% |  |
| 273    | 17.287 | 17.224 | 17.332 | HH | 4506   | 263319  | 6.28%  | 0.286% |  |
| 274    | 17.364 | 17.332 | 17.401 | HH | 9668   | 238053  | 5.68%  | 0.259% |  |
| 275    | 17.455 | 17.401 | 17.476 | HH | 4571   | 194519  | 4.64%  | 0.211% |  |
| 276    | 17.526 | 17.476 | 17.544 | HH | 4796   | 190201  | 4.54%  | 0.207% |  |
| 277    | 17.598 | 17.544 | 17.625 | HH | 6272   | 254688  | 6.08%  | 0.277% |  |
| 278    | 17.669 | 17.625 | 17.714 | HH | 6654   | 301920  | 7.20%  | 0.328% |  |
| 279    | 17.801 | 17.714 | 17.847 | HH | 181614 | 2750707 | 65.64% | 2.990% |  |
| 280    | 17.890 | 17.847 | 17.912 | HH | 6239   | 237140  | 5.66%  | 0.258% |  |
| 281    | 17.925 | 17.912 | 17.962 | HH | 6232   | 184735  | 4.41%  | 0.201% |  |
| 282    | 18.048 | 17.962 | 18.094 | HH | 6997   | 521522  | 12.45% | 0.567% |  |
| 283    | 18.170 | 18.094 | 18.200 | HH | 15828  | 608306  | 14.52% | 0.661% |  |
| 284    | 18.222 | 18.200 | 18.263 | HH | 12792  | 358813  | 8.56%  | 0.390% |  |
| 285    | 18.325 | 18.263 | 18.367 | HH | 8485   | 491202  | 11.72% | 0.534% |  |
| 286    | 18.430 | 18.367 | 18.448 | HH | 8468   | 394940  | 9.42%  | 0.429% |  |
| 287    | 18.484 | 18.448 | 18.499 | HH | 8672   | 260703  | 6.22%  | 0.283% |  |
| 288    | 18.528 | 18.499 | 18.555 | HH | 8845   | 293639  | 7.01%  | 0.319% |  |
| 289    | 18.632 | 18.555 | 18.697 | HH | 168860 | 2927556 | 69.86% | 3.182% |  |
| 290    | 18.734 | 18.697 | 18.748 | HH | 10532  | 309749  | 7.39%  | 0.337% |  |
| 291    | 18.789 | 18.748 | 18.819 | HH | 11139  | 461061  | 11.00% | 0.501% |  |
| 292    | 18.915 | 18.819 | 18.927 | HH | 11152  | 701973  | 16.75% | 0.763% |  |
| 293    | 19.005 | 18.927 | 19.087 | HH | 18556  | 1343739 | 32.07% | 1.460% |  |
| 294    | 19.128 | 19.087 | 19.149 | HH | 13526  | 478558  | 11.42% | 0.520% |  |
| 295    | 19.182 | 19.149 | 19.192 | HH | 13311  | 342768  | 8.18%  | 0.373% |  |
| 296    | 19.234 | 19.192 | 19.259 | HH | 14724  | 556902  | 13.29% | 0.605% |  |
| 297    | 19.411 | 19.259 | 19.460 | HH | 142624 | 3597599 | 85.85% | 3.910% |  |
| 298    | 19.524 | 19.460 | 19.561 | HH | 18071  | 1043722 | 24.91% | 1.134% |  |
| 299    | 19.599 | 19.561 | 19.620 | HH | 18219  | 639944  | 15.27% | 0.696% |  |

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Instrument :  
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| rteres                  |        |        |        |     |        |         |          |        |
|-------------------------|--------|--------|--------|-----|--------|---------|----------|--------|
| 300                     | 19.693 | 19.620 | 19.722 | HH  | 19629  | 1154106 | 27.54%   | 1.254% |
| 301                     | 19.782 | 19.722 | 19.809 | HH  | 22707  | 1073804 | 25.62%   | 1.167% |
| 302                     | 19.885 | 19.809 | 19.906 | HH  | 22239  | 1225279 | 29.24%   | 1.332% |
| 303                     | 19.970 | 19.906 | 19.984 | HH  | 22396  | 1028108 | 24.53%   | 1.117% |
| 304                     | 20.043 | 19.984 | 20.072 | HH  | 24304  | 1223774 | 29.20%   | 1.330% |
| 305                     | 20.147 | 20.072 | 20.190 | HH  | 137095 | 3244984 | 77.44%   | 3.527% |
| 306                     | 20.197 | 20.190 | 20.212 | HH  | 25114  | 338185  | 8.07%    | 0.368% |
| 307                     | 20.319 | 20.212 | 20.347 | HH  | 31440  | 2162184 | 51.60%   | 2.350% |
| 308                     | 20.563 | 20.544 | 20.571 | HH  | 30858  | 492999  | 11.76%   | 0.536% |
| 309                     | 20.614 | 20.571 | 20.632 | HH  | 32076  | 1156138 | 27.59%   | 1.257% |
| 310                     | 20.652 | 20.632 | 20.682 | HH  | 32114  | 963501  | 22.99%   | 1.047% |
| 311                     | 20.696 | 20.682 | 20.706 | HH  | 31970  | 464066  | 11.07%   | 0.504% |
| 312                     | 20.726 | 20.706 | 20.812 | HH  | 31938  | 2013220 | 48.04%   | 2.188% |
| 313                     | 20.817 | 20.812 | 20.834 | HH  | 31372  | 406515  | 9.70%    | 0.442% |
| 314                     | 20.889 | 20.834 | 20.980 | HH  | 112385 | 4190477 | 100.00%  | 4.554% |
| 315                     | 21.008 | 20.980 | 21.081 | HH  | 30933  | 1850772 | 44.17%   | 2.012% |
| 316                     | 21.090 | 21.081 | 21.119 | HH  | 30535  | 700595  | 16.72%   | 0.761% |
| 317                     | 21.196 | 21.119 | 21.276 | HH  | 30741  | 2851966 | 68.06%   | 3.100% |
| 318                     | 21.322 | 21.276 | 21.381 | HH  | 30870  | 1899507 | 45.33%   | 2.064% |
| 319                     | 21.397 | 21.381 | 21.412 | HH  | 30030  | 567237  | 13.54%   | 0.616% |
| 320                     | 21.575 | 21.412 | 21.602 | HH  | 30922  | 3482638 | 83.11%   | 3.785% |
| 321                     | 21.700 | 21.602 | 21.757 | HH  | 33529  | 2937467 | 70.10%   | 3.193% |
| 322                     | 21.814 | 21.757 | 21.901 | HHA | 92250  | 4142407 | 98.85%   | 4.502% |
| Sum of corrected areas: |        |        |        |     |        |         | 92009482 |        |

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