

Instrument :  
FID\_D  
ClientSampleId :  
1MSD

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072621AL\  
Data File : FD038346.D  
Signal(s) : FID2B.CH  
Acq On : 26 Jul 2021 16:32  
Sample : M3178-03MSD  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070621.M  
Title : GC Extractables

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         | 3.246       | 3.195        | 3.350      | BV       | 902122         | 7432744      | 89.39%         | 2.337%        |
| 2         | 3.364       | 3.350        | 3.402      | VV       | 805            | 12780        | 0.15%          | 0.004%        |
| 3         | 3.439       | 3.402        | 3.461      | VV       | 461            | 8795         | 0.11%          | 0.003%        |
| 4         | 3.474       | 3.461        | 3.487      | VV       | 281            | 2446         | 0.03%          | 0.001%        |
| 5         | 3.500       | 3.487        | 3.528      | PV       | 392            | 6013         | 0.07%          | 0.002%        |
| 6         | 3.549       | 3.528        | 3.642      | VV       | 641            | 17077        | 0.21%          | 0.005%        |
| 7         | 3.652       | 3.642        | 3.715      | PV       | 118            | 2368         | 0.03%          | 0.001%        |
| 8         | 3.726       | 3.715        | 3.751      | VV       | 178            | 1381         | 0.02%          | 0.000%        |
| 9         | 3.764       | 3.751        | 3.794      | VV       | 52             | 1007         | 0.01%          | 0.000%        |
| 10        | 3.811       | 3.794        | 3.861      | PV       | 211            | 2779         | 0.03%          | 0.001%        |
| 11        | 3.900       | 3.881        | 3.931      | VV       | 2258           | 26471        | 0.32%          | 0.008%        |
| 12        | 3.942       | 3.931        | 3.972      | VV       | 630            | 10849        | 0.13%          | 0.003%        |
| 13        | 3.984       | 3.972        | 4.033      | VV       | 412            | 8315         | 0.10%          | 0.003%        |
| 14        | 4.057       | 4.033        | 4.082      | VV       | 4616           | 46818        | 0.56%          | 0.015%        |
| 15        | 4.095       | 4.082        | 4.187      | VV       | 497            | 12990        | 0.16%          | 0.004%        |
| 16        | 4.200       | 4.187        | 4.230      | VV       | 134            | 1293         | 0.02%          | 0.000%        |
| 17        | 4.289       | 4.230        | 4.307      | VV       | 890455         | 7888091      | 94.87%         | 2.480%        |
| 18        | 4.327       | 4.307        | 4.370      | VV       | 930670         | 8153576      | 98.06%         | 2.564%        |
| 19        | 4.382       | 4.370        | 4.417      | VV       | 3492           | 56818        | 0.68%          | 0.018%        |
| 20        | 4.434       | 4.417        | 4.488      | VV       | 2307           | 44765        | 0.54%          | 0.014%        |
| 21        | 4.516       | 4.488        | 4.550      | VV       | 1004           | 24919        | 0.30%          | 0.008%        |
| 22        | 4.561       | 4.550        | 4.594      | VV       | 516            | 7821         | 0.09%          | 0.002%        |
| 23        | 4.609       | 4.594        | 4.631      | VV       | 242            | 4219         | 0.05%          | 0.001%        |
| 24        | 4.658       | 4.631        | 4.689      | VV       | 364            | 9847         | 0.12%          | 0.003%        |
| 25        | 4.695       | 4.689        | 4.718      | VV       | 346            | 4263         | 0.05%          | 0.001%        |
| 26        | 4.734       | 4.718        | 4.794      | VV       | 404            | 11338        | 0.14%          | 0.004%        |
| 27        | 4.809       | 4.794        | 4.855      | VV       | 211            | 4828         | 0.06%          | 0.002%        |
| 28        | 4.876       | 4.855        | 4.901      | VV       | 269            | 4462         | 0.05%          | 0.001%        |
| 29        | 4.916       | 4.901        | 4.926      | VV       | 396            | 4640         | 0.06%          | 0.001%        |
| 30        | 4.931       | 4.926        | 4.977      | VV       | 331            | 6866         | 0.08%          | 0.002%        |
| 31        | 4.994       | 4.977        | 5.031      | VV       | 496            | 7230         | 0.09%          | 0.002%        |
| 32        | 5.046       | 5.031        | 5.069      | VV       | 366            | 4452         | 0.05%          | 0.001%        |
| 33        | 5.137       | 5.069        | 5.164      | PV       | 504            | 8497         | 0.10%          | 0.003%        |
| 34        | 5.180       | 5.164        | 5.224      | VV       | 307            | 6465         | 0.08%          | 0.002%        |
| 35        | 5.234       | 5.224        | 5.260      | VV       | 131            | 1188         | 0.01%          | 0.000%        |
| 36        | 5.308       | 5.260        | 5.355      | VV       | 3664           | 38990        | 0.47%          | 0.012%        |

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|    |       |       |       |    | rt     | Area    | %Area   | %Area  |
|----|-------|-------|-------|----|--------|---------|---------|--------|
| 37 | 5.369 | 5.355 | 5.405 | VV | 714    | 9697    | 0.12%   | 0.003% |
| 38 | 5.415 | 5.405 | 5.431 | VV | 137    | 1459    | 0.02%   | 0.000% |
| 39 | 5.446 | 5.431 | 5.464 | PV | 110    | 1709    | 0.02%   | 0.001% |
| 40 | 5.485 | 5.464 | 5.511 | VV | 161    | 3128    | 0.04%   | 0.001% |
| 41 | 5.554 | 5.526 | 5.572 | VV | 210    | 3565    | 0.04%   | 0.001% |
| 42 | 5.592 | 5.572 | 5.638 | VV | 186    | 3728    | 0.04%   | 0.001% |
| 43 | 5.651 | 5.638 | 5.662 | PV | 114    | 1006    | 0.01%   | 0.000% |
| 44 | 5.701 | 5.662 | 5.741 | VV | 164    | 3708    | 0.04%   | 0.001% |
| 45 | 5.758 | 5.741 | 5.772 | VV | 216    | 2779    | 0.03%   | 0.001% |
| 46 | 5.797 | 5.772 | 5.818 | VV | 212    | 4628    | 0.06%   | 0.001% |
| 47 | 5.849 | 5.818 | 5.891 | VV | 906473 | 8314941 | 100.00% | 2.615% |
| 48 | 5.911 | 5.891 | 5.988 | VV | 44022  | 624655  | 7.51%   | 0.196% |
| 49 | 6.002 | 5.988 | 6.111 | VV | 2300   | 91088   | 1.10%   | 0.029% |
| 50 | 6.130 | 6.111 | 6.151 | VV | 894    | 18393   | 0.22%   | 0.006% |
| 51 | 6.171 | 6.151 | 6.195 | VV | 764    | 17035   | 0.20%   | 0.005% |
| 52 | 6.214 | 6.195 | 6.250 | VV | 726    | 18497   | 0.22%   | 0.006% |
| 53 | 6.285 | 6.250 | 6.409 | VV | 839244 | 8127221 | 97.74%  | 2.556% |
| 54 | 6.428 | 6.409 | 6.531 | VV | 862    | 24316   | 0.29%   | 0.008% |
| 55 | 6.553 | 6.531 | 6.578 | VV | 176    | 3766    | 0.05%   | 0.001% |
| 56 | 6.597 | 6.578 | 6.620 | VV | 324    | 3904    | 0.05%   | 0.001% |
| 57 | 6.637 | 6.620 | 6.648 | VV | 171    | 1842    | 0.02%   | 0.001% |
| 58 | 6.676 | 6.648 | 6.686 | VV | 220    | 2931    | 0.04%   | 0.001% |
| 59 | 6.691 | 6.686 | 6.748 | VV | 137    | 1986    | 0.02%   | 0.001% |
| 60 | 6.805 | 6.748 | 6.858 | PV | 4645   | 71321   | 0.86%   | 0.022% |
| 61 | 6.899 | 6.858 | 7.015 | VV | 778379 | 7894440 | 94.94%  | 2.482% |
| 62 | 7.034 | 7.015 | 7.064 | VV | 2295   | 43007   | 0.52%   | 0.014% |
| 63 | 7.093 | 7.064 | 7.155 | VV | 1374   | 49862   | 0.60%   | 0.016% |
| 64 | 7.169 | 7.155 | 7.181 | VV | 728    | 10072   | 0.12%   | 0.003% |
| 65 | 7.200 | 7.181 | 7.250 | VV | 2324   | 32348   | 0.39%   | 0.010% |
| 66 | 7.278 | 7.250 | 7.316 | VV | 439    | 9872    | 0.12%   | 0.003% |
| 67 | 7.333 | 7.316 | 7.347 | VV | 269    | 2839    | 0.03%   | 0.001% |
| 68 | 7.370 | 7.347 | 7.405 | VV | 513    | 8320    | 0.10%   | 0.003% |
| 69 | 7.421 | 7.405 | 7.443 | VV | 225    | 3399    | 0.04%   | 0.001% |
| 70 | 7.478 | 7.443 | 7.497 | VV | 516    | 8756    | 0.11%   | 0.003% |
| 71 | 7.515 | 7.497 | 7.558 | VV | 362    | 8907    | 0.11%   | 0.003% |
| 72 | 7.563 | 7.558 | 7.591 | VV | 206    | 2117    | 0.03%   | 0.001% |
| 73 | 7.621 | 7.591 | 7.631 | PV | 487    | 6227    | 0.07%   | 0.002% |
| 74 | 7.645 | 7.631 | 7.668 | VV | 789    | 10225   | 0.12%   | 0.003% |
| 75 | 7.679 | 7.668 | 7.704 | VV | 210    | 3428    | 0.04%   | 0.001% |
| 76 | 7.718 | 7.704 | 7.734 | VV | 215    | 2218    | 0.03%   | 0.001% |
| 77 | 7.764 | 7.734 | 7.783 | VV | 1553   | 18718   | 0.23%   | 0.006% |
| 78 | 7.820 | 7.783 | 7.839 | VV | 1016   | 18394   | 0.22%   | 0.006% |
| 79 | 7.856 | 7.839 | 7.863 | VV | 419    | 4899    | 0.06%   | 0.002% |
| 80 | 7.889 | 7.863 | 7.918 | VV | 1173   | 24917   | 0.30%   | 0.008% |
| 81 | 7.930 | 7.918 | 7.955 | VV | 740    | 14902   | 0.18%   | 0.005% |
| 82 | 7.971 | 7.955 | 8.006 | VV | 949    | 23830   | 0.29%   | 0.007% |
| 83 | 8.072 | 8.006 | 8.138 | VV | 774413 | 8042821 | 96.73%  | 2.529% |
| 84 | 8.173 | 8.138 | 8.330 | VV | 774075 | 7907928 | 95.11%  | 2.487% |
| 85 | 8.341 | 8.330 | 8.385 | VV | 427    | 9149    | 0.11%   | 0.003% |
| 86 | 8.419 | 8.385 | 8.429 | VV | 522    | 8570    | 0.10%   | 0.003% |
| 87 | 8.469 | 8.429 | 8.581 | VV | 813316 | 8239674 | 99.09%  | 2.591% |
| 88 | 8.599 | 8.581 | 8.629 | VV | 2331   | 35212   | 0.42%   | 0.011% |
| 89 | 8.667 | 8.629 | 8.688 | VV | 1133   | 25000   | 0.30%   | 0.008% |

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|     |        |        |        |    | rt     | Area    | Height | %Area  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.706  | 8.688  | 8.718  | VV | 605    | 9093    | 0.11%  | 0.003% |
| 91  | 8.748  | 8.718  | 8.765  | VV | 1554   | 30017   | 0.36%  | 0.009% |
| 92  | 8.780  | 8.765  | 8.838  | VV | 1681   | 44721   | 0.54%  | 0.014% |
| 93  | 8.884  | 8.838  | 8.950  | VV | 4294   | 70185   | 0.84%  | 0.022% |
| 94  | 8.968  | 8.950  | 8.998  | VV | 419    | 5118    | 0.06%  | 0.002% |
| 95  | 9.026  | 8.998  | 9.048  | VV | 481    | 7457    | 0.09%  | 0.002% |
| 96  | 9.067  | 9.048  | 9.092  | PV | 306    | 5076    | 0.06%  | 0.002% |
| 97  | 9.115  | 9.092  | 9.131  | VV | 407    | 5432    | 0.07%  | 0.002% |
| 98  | 9.163  | 9.131  | 9.194  | VV | 540    | 11402   | 0.14%  | 0.004% |
| 99  | 9.249  | 9.194  | 9.368  | VV | 709988 | 7611085 | 91.54% | 2.393% |
| 100 | 9.392  | 9.368  | 9.417  | VV | 1876   | 45125   | 0.54%  | 0.014% |
| 101 | 9.459  | 9.417  | 9.510  | VV | 7512   | 159716  | 1.92%  | 0.050% |
| 102 | 9.526  | 9.510  | 9.548  | VV | 1085   | 18430   | 0.22%  | 0.006% |
| 103 | 9.575  | 9.548  | 9.584  | VV | 1306   | 22347   | 0.27%  | 0.007% |
| 104 | 9.594  | 9.584  | 9.628  | VV | 1315   | 26786   | 0.32%  | 0.008% |
| 105 | 9.663  | 9.628  | 9.747  | VV | 736911 | 7877816 | 94.74% | 2.477% |
| 106 | 9.761  | 9.747  | 9.800  | VV | 799    | 15802   | 0.19%  | 0.005% |
| 107 | 9.828  | 9.800  | 9.854  | VV | 384    | 8834    | 0.11%  | 0.003% |
| 108 | 9.864  | 9.854  | 9.908  | VV | 123    | 2224    | 0.03%  | 0.001% |
| 109 | 9.933  | 9.908  | 9.958  | PV | 521    | 7425    | 0.09%  | 0.002% |
| 110 | 10.002 | 9.958  | 10.017 | VV | 637    | 12632   | 0.15%  | 0.004% |
| 111 | 10.044 | 10.017 | 10.070 | VV | 3498   | 52174   | 0.63%  | 0.016% |
| 112 | 10.094 | 10.070 | 10.115 | VV | 1320   | 24552   | 0.30%  | 0.008% |
| 113 | 10.133 | 10.115 | 10.155 | VV | 1392   | 24057   | 0.29%  | 0.008% |
| 114 | 10.187 | 10.155 | 10.208 | VV | 1177   | 21734   | 0.26%  | 0.007% |
| 115 | 10.238 | 10.208 | 10.255 | VV | 528    | 9833    | 0.12%  | 0.003% |
| 116 | 10.321 | 10.255 | 10.336 | VV | 1789   | 49310   | 0.59%  | 0.016% |
| 117 | 10.350 | 10.336 | 10.368 | VV | 1964   | 27152   | 0.33%  | 0.009% |
| 118 | 10.394 | 10.368 | 10.422 | VV | 8169   | 107183  | 1.29%  | 0.034% |
| 119 | 10.463 | 10.422 | 10.561 | VV | 7654   | 175637  | 2.11%  | 0.055% |
| 120 | 10.644 | 10.561 | 10.687 | PV | 668981 | 7137676 | 85.84% | 2.245% |
| 121 | 10.720 | 10.687 | 10.789 | VV | 609153 | 6931292 | 83.36% | 2.180% |
| 122 | 10.800 | 10.789 | 10.827 | VV | 4382   | 79080   | 0.95%  | 0.025% |
| 123 | 10.843 | 10.827 | 10.879 | VV | 2725   | 56653   | 0.68%  | 0.018% |
| 124 | 10.897 | 10.879 | 10.928 | VV | 1593   | 38049   | 0.46%  | 0.012% |
| 125 | 10.950 | 10.928 | 10.999 | VV | 4455   | 93393   | 1.12%  | 0.029% |
| 126 | 11.022 | 10.999 | 11.061 | VV | 1491   | 49329   | 0.59%  | 0.016% |
| 127 | 11.099 | 11.061 | 11.155 | VV | 690965 | 7950291 | 95.61% | 2.500% |
| 128 | 11.181 | 11.155 | 11.221 | VV | 6991   | 130364  | 1.57%  | 0.041% |
| 129 | 11.244 | 11.221 | 11.262 | VV | 1032   | 18578   | 0.22%  | 0.006% |
| 130 | 11.284 | 11.262 | 11.308 | VV | 1568   | 23873   | 0.29%  | 0.008% |
| 131 | 11.336 | 11.308 | 11.355 | VV | 2356   | 36012   | 0.43%  | 0.011% |
| 132 | 11.406 | 11.355 | 11.460 | VV | 517538 | 5621276 | 67.60% | 1.768% |
| 133 | 11.478 | 11.460 | 11.510 | VV | 3833   | 70213   | 0.84%  | 0.022% |
| 134 | 11.553 | 11.510 | 11.570 | VV | 3509   | 70746   | 0.85%  | 0.022% |
| 135 | 11.587 | 11.570 | 11.604 | VV | 3007   | 45125   | 0.54%  | 0.014% |
| 136 | 11.620 | 11.604 | 11.668 | VV | 2602   | 46151   | 0.56%  | 0.015% |
| 137 | 11.701 | 11.668 | 11.716 | VV | 1693   | 25762   | 0.31%  | 0.008% |
| 138 | 11.759 | 11.716 | 11.788 | VV | 7145   | 130038  | 1.56%  | 0.041% |
| 139 | 11.813 | 11.788 | 11.842 | VV | 7298   | 119242  | 1.43%  | 0.037% |
| 140 | 11.864 | 11.842 | 11.895 | VV | 3160   | 67283   | 0.81%  | 0.021% |
| 141 | 11.918 | 11.895 | 11.982 | VV | 7971   | 147013  | 1.77%  | 0.046% |

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|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 12.012 | 11.982 | 12.088 | VV | 44008  | 586650  | 7.06%  | 0.184% |
| 143    | 12.100 | 12.088 | 12.108 | VV | 982    | 10534   | 0.13%  | 0.003% |
| 144    | 12.134 | 12.108 | 12.155 | VV | 2109   | 48163   | 0.58%  | 0.015% |
| 145    | 12.168 | 12.155 | 12.195 | VV | 2072   | 35759   | 0.43%  | 0.011% |
| 146    | 12.223 | 12.195 | 12.263 | VV | 1916   | 46845   | 0.56%  | 0.015% |
| 147    | 12.300 | 12.263 | 12.319 | VV | 2951   | 59745   | 0.72%  | 0.019% |
| 148    | 12.334 | 12.319 | 12.356 | VV | 3041   | 44705   | 0.54%  | 0.014% |
| 149    | 12.402 | 12.356 | 12.426 | VV | 640462 | 7396684 | 88.96% | 2.326% |
| 150    | 12.456 | 12.426 | 12.522 | VV | 604687 | 7076810 | 85.11% | 2.225% |
| 151    | 12.530 | 12.522 | 12.578 | VV | 1508   | 37425   | 0.45%  | 0.012% |
| 152    | 12.636 | 12.578 | 12.667 | VV | 7755   | 129724  | 1.56%  | 0.041% |
| 153    | 12.687 | 12.667 | 12.708 | VV | 1234   | 24322   | 0.29%  | 0.008% |
| 154    | 12.753 | 12.708 | 12.785 | VV | 602413 | 6964725 | 83.76% | 2.190% |
| 155    | 12.840 | 12.785 | 12.871 | VV | 360051 | 4288688 | 51.58% | 1.349% |
| 156    | 12.881 | 12.871 | 12.904 | VV | 2391   | 32558   | 0.39%  | 0.010% |
| 157    | 12.927 | 12.904 | 12.970 | VV | 5328   | 81703   | 0.98%  | 0.026% |
| 158    | 13.010 | 12.970 | 13.060 | VV | 615221 | 7274129 | 87.48% | 2.287% |
| 159    | 13.077 | 13.060 | 13.094 | VV | 2891   | 42885   | 0.52%  | 0.013% |
| 160    | 13.107 | 13.094 | 13.185 | VV | 2230   | 58761   | 0.71%  | 0.018% |
| 161    | 13.235 | 13.185 | 13.295 | VV | 13401  | 213953  | 2.57%  | 0.067% |
| 162    | 13.340 | 13.295 | 13.390 | VV | 4675   | 92162   | 1.11%  | 0.029% |
| 163    | 13.443 | 13.390 | 13.467 | VV | 4831   | 91610   | 1.10%  | 0.029% |
| 164    | 13.485 | 13.467 | 13.508 | VV | 2523   | 39469   | 0.47%  | 0.012% |
| 165    | 13.522 | 13.508 | 13.554 | VV | 1474   | 32119   | 0.39%  | 0.010% |
| 166    | 13.593 | 13.554 | 13.634 | VV | 583231 | 7025306 | 84.49% | 2.209% |
| 167    | 13.651 | 13.634 | 13.702 | VV | 1749   | 37619   | 0.45%  | 0.012% |
| 168    | 13.726 | 13.702 | 13.754 | VV | 804    | 16070   | 0.19%  | 0.005% |
| 169    | 13.798 | 13.754 | 13.814 | VV | 1255   | 30625   | 0.37%  | 0.010% |
| 170    | 13.824 | 13.814 | 13.888 | VV | 1045   | 16212   | 0.19%  | 0.005% |
| 171    | 13.964 | 13.888 | 13.985 | PV | 2103   | 44209   | 0.53%  | 0.014% |
| 172    | 14.019 | 13.985 | 14.039 | VV | 9804   | 150700  | 1.81%  | 0.047% |
| 173    | 14.050 | 14.039 | 14.067 | VV | 4418   | 56304   | 0.68%  | 0.018% |
| 174    | 14.083 | 14.067 | 14.122 | VV | 4496   | 72096   | 0.87%  | 0.023% |
| 175    | 14.148 | 14.122 | 14.181 | VV | 4773   | 75110   | 0.90%  | 0.024% |
| 176    | 14.206 | 14.181 | 14.225 | VV | 2182   | 33824   | 0.41%  | 0.011% |
| 177    | 14.249 | 14.225 | 14.284 | VV | 7153   | 104368  | 1.26%  | 0.033% |
| 178    | 14.308 | 14.284 | 14.336 | VV | 5332   | 81032   | 0.97%  | 0.025% |
| 179    | 14.385 | 14.336 | 14.415 | VV | 5115   | 111746  | 1.34%  | 0.035% |
| 180    | 14.426 | 14.415 | 14.448 | VV | 893    | 12328   | 0.15%  | 0.004% |
| 181    | 14.466 | 14.448 | 14.477 | VV | 378    | 4732    | 0.06%  | 0.001% |
| 182    | 14.521 | 14.477 | 14.555 | VV | 2122   | 46233   | 0.56%  | 0.015% |
| 183    | 14.578 | 14.555 | 14.586 | VV | 1401   | 16828   | 0.20%  | 0.005% |
| 184    | 14.626 | 14.586 | 14.645 | VV | 490750 | 6544097 | 78.70% | 2.058% |
| 185    | 14.672 | 14.645 | 14.682 | VV | 635323 | 7879913 | 94.77% | 2.478% |
| 186    | 14.690 | 14.682 | 14.757 | VV | 556684 | 5486645 | 65.99% | 1.725% |
| 187    | 14.781 | 14.757 | 14.839 | VV | 3898   | 105387  | 1.27%  | 0.033% |
| 188    | 14.851 | 14.839 | 14.865 | VV | 1003   | 14464   | 0.17%  | 0.005% |
| 189    | 14.882 | 14.865 | 14.911 | VV | 2072   | 36064   | 0.43%  | 0.011% |
| 190    | 14.935 | 14.911 | 14.949 | VV | 2618   | 38661   | 0.46%  | 0.012% |
| 191    | 14.964 | 14.949 | 15.024 | VV | 2148   | 52360   | 0.63%  | 0.016% |
| 192    | 15.076 | 15.024 | 15.147 | VV | 16053  | 434121  | 5.22%  | 0.137% |
| 193    | 15.160 | 15.147 | 15.175 | VV | 1315   | 18704   | 0.22%  | 0.006% |
| 194    | 15.203 | 15.175 | 15.238 | VV | 7011   | 125257  | 1.51%  | 0.039% |

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Manual Integrations  
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Instrument :  
FID\_D  
ClientSampleId :  
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|     |        |        |        |    | rteres |         |        |        |  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|--|
| 195 | 15.264 | 15.238 | 15.280 | VV | 7460   | 108188  | 1.30%  | 0.034% |  |
| 196 | 15.294 | 15.280 | 15.317 | VV | 5784   | 85374   | 1.03%  | 0.027% |  |
| 197 | 15.330 | 15.317 | 15.358 | VV | 2483   | 38794   | 0.47%  | 0.012% |  |
| 198 | 15.379 | 15.358 | 15.404 | VV | 1127   | 25375   | 0.31%  | 0.008% |  |
| 199 | 15.463 | 15.404 | 15.501 | VV | 3536   | 118364  | 1.42%  | 0.037% |  |
| 200 | 15.524 | 15.501 | 15.551 | VV | 1776   | 38713   | 0.47%  | 0.012% |  |
| 201 | 15.609 | 15.551 | 15.648 | VV | 2866   | 93281   | 1.12%  | 0.029% |  |
| 202 | 15.708 | 15.648 | 15.751 | VV | 494380 | 6486961 | 78.02% | 2.040% |  |
| 203 | 15.765 | 15.751 | 15.804 | VV | 3274   | 53485   | 0.64%  | 0.017% |  |
| 204 | 15.829 | 15.804 | 15.847 | VV | 1396   | 23626   | 0.28%  | 0.007% |  |
| 205 | 15.883 | 15.847 | 15.909 | VV | 2114   | 53701   | 0.65%  | 0.017% |  |
| 206 | 15.928 | 15.909 | 15.947 | VV | 2597   | 41279   | 0.50%  | 0.013% |  |
| 207 | 15.969 | 15.947 | 15.981 | VV | 2515   | 42598   | 0.51%  | 0.013% |  |
| 208 | 15.990 | 15.981 | 16.016 | VV | 2791   | 44524   | 0.54%  | 0.014% |  |
| 209 | 16.037 | 16.016 | 16.052 | VV | 2575   | 44925   | 0.54%  | 0.014% |  |
| 210 | 16.089 | 16.052 | 16.141 | VV | 12386  | 354906  | 4.27%  | 0.112% |  |
| 211 | 16.182 | 16.141 | 16.197 | VV | 476876 | 7240143 | 87.07% | 2.277% |  |
| 212 | 16.216 | 16.197 | 16.287 | VV | 587588 | 6831608 | 82.16% | 2.148% |  |
| 213 | 16.309 | 16.287 | 16.329 | VV | 6501   | 118979  | 1.43%  | 0.037% |  |
| 214 | 16.341 | 16.329 | 16.391 | VV | 3670   | 108816  | 1.31%  | 0.034% |  |
| 215 | 16.400 | 16.391 | 16.414 | VV | 2487   | 32095   | 0.39%  | 0.010% |  |
| 216 | 16.494 | 16.414 | 16.520 | VV | 21407  | 431874  | 5.19%  | 0.136% |  |
| 217 | 16.563 | 16.520 | 16.615 | VV | 531209 | 7006205 | 84.26% | 2.203% |  |
| 218 | 16.652 | 16.615 | 16.685 | VV | 497179 | 6543073 | 78.69% | 2.058% |  |
| 219 | 16.693 | 16.685 | 16.704 | VV | 6603   | 73175   | 0.88%  | 0.023% |  |
| 220 | 16.723 | 16.704 | 16.755 | VV | 10638  | 199032  | 2.39%  | 0.063% |  |
| 221 | 16.806 | 16.755 | 16.839 | VV | 4324   | 195188  | 2.35%  | 0.061% |  |
| 222 | 16.875 | 16.839 | 16.895 | VV | 4258   | 129136  | 1.55%  | 0.041% |  |
| 223 | 16.921 | 16.895 | 16.944 | VV | 5359   | 143747  | 1.73%  | 0.045% |  |
| 224 | 16.957 | 16.944 | 16.991 | VV | 5146   | 130824  | 1.57%  | 0.041% |  |
| 225 | 17.024 | 16.991 | 17.069 | VV | 14015  | 437673  | 5.26%  | 0.138% |  |
| 226 | 17.094 | 17.069 | 17.137 | VV | 16984  | 383124  | 4.61%  | 0.120% |  |
| 227 | 17.167 | 17.137 | 17.193 | VV | 6439   | 190187  | 2.29%  | 0.060% |  |
| 228 | 17.210 | 17.193 | 17.228 | VV | 5919   | 116020  | 1.40%  | 0.036% |  |
| 229 | 17.247 | 17.228 | 17.283 | VV | 6872   | 187107  | 2.25%  | 0.059% |  |
| 230 | 17.302 | 17.283 | 17.324 | VV | 5098   | 114792  | 1.38%  | 0.036% |  |
| 231 | 17.350 | 17.324 | 17.360 | VV | 5152   | 107920  | 1.30%  | 0.034% |  |
| 232 | 17.370 | 17.360 | 17.391 | VV | 5215   | 88936   | 1.07%  | 0.028% |  |
| 233 | 17.423 | 17.391 | 17.468 | VV | 9657   | 300665  | 3.62%  | 0.095% |  |
| 234 | 17.536 | 17.468 | 17.575 | VV | 463395 | 6551993 | 78.80% | 2.060% |  |
| 235 | 17.621 | 17.575 | 17.646 | VV | 14251  | 384737  | 4.63%  | 0.121% |  |
| 236 | 17.663 | 17.646 | 17.682 | VV | 9963   | 197859  | 2.38%  | 0.062% |  |
| 237 | 17.704 | 17.682 | 17.736 | VV | 10160  | 289009  | 3.48%  | 0.091% |  |
| 238 | 17.750 | 17.736 | 17.781 | VV | 8986   | 207300  | 2.49%  | 0.065% |  |
| 239 | 17.848 | 17.781 | 17.874 | VV | 15848  | 566266  | 6.81%  | 0.178% |  |
| 240 | 17.933 | 17.874 | 17.947 | VV | 443894 | 7125977 | 85.70% | 2.241% |  |
| 241 | 17.968 | 17.947 | 18.042 | VV | 483998 | 7045614 | 84.73% | 2.216% |  |
| 242 | 18.058 | 18.042 | 18.077 | VV | 12864  | 240372  | 2.89%  | 0.076% |  |
| 243 | 18.091 | 18.077 | 18.138 | VV | 11454  | 370796  | 4.46%  | 0.117% |  |
| 244 | 18.191 | 18.138 | 18.288 | VV | 453111 | 7456463 | 89.68% | 2.345% |  |
| 245 | 18.363 | 18.288 | 18.398 | VV | 455769 | 6767892 | 81.39% | 2.128% |  |
| 246 | 18.417 | 18.398 | 18.431 | VV | 11325  | 206801  | 2.49%  | 0.065% |  |

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|-------------------------|--------|--------|--------|-----|--------|-----------|--------|--------|--|
| 247                     | 18.456 | 18.431 | 18.478 | VV  | 18593  | 403273    | 4.85%  | 0.127% |  |
| 248                     | 18.493 | 18.478 | 18.571 | VV  | 12992  | 623733    | 7.50%  | 0.196% |  |
| 249                     | 18.622 | 18.571 | 18.638 | VV  | 11238  | 411930    | 4.95%  | 0.130% |  |
| 250                     | 18.661 | 18.638 | 18.678 | VV  | 13095  | 288941    | 3.47%  | 0.091% |  |
| 251                     | 18.720 | 18.678 | 18.736 | VV  | 30468  | 758433    | 9.12%  | 0.238% |  |
| 252                     | 18.750 | 18.736 | 18.798 | VV  | 30003  | 811336    | 9.76%  | 0.255% |  |
| 253                     | 18.824 | 18.798 | 18.845 | VV  | 14295  | 384208    | 4.62%  | 0.121% |  |
| 254                     | 18.879 | 18.845 | 18.897 | VV  | 14771  | 447287    | 5.38%  | 0.141% |  |
| 255                     | 18.918 | 18.897 | 18.941 | VV  | 17628  | 387729    | 4.66%  | 0.122% |  |
| 256                     | 18.954 | 18.941 | 18.972 | VV  | 12847  | 227262    | 2.73%  | 0.071% |  |
| 257                     | 18.997 | 18.972 | 19.018 | VV  | 13027  | 352280    | 4.24%  | 0.111% |  |
| 258                     | 19.038 | 19.018 | 19.058 | VV  | 14721  | 325758    | 3.92%  | 0.102% |  |
| 259                     | 19.088 | 19.058 | 19.101 | VV  | 16582  | 396783    | 4.77%  | 0.125% |  |
| 260                     | 19.142 | 19.101 | 19.172 | VV  | 435151 | 6535847   | 78.60% | 2.055% |  |
| 261                     | 19.190 | 19.172 | 19.218 | VV  | 29370  | 604844    | 7.27%  | 0.190% |  |
| 262                     | 19.245 | 19.218 | 19.279 | VV  | 21674  | 649731    | 7.81%  | 0.204% |  |
| 263                     | 19.301 | 19.279 | 19.314 | VV  | 16648  | 328893    | 3.96%  | 0.103% |  |
| 264                     | 19.337 | 19.314 | 19.375 | VV  | 20401  | 609347    | 7.33%  | 0.192% |  |
| 265                     | 19.403 | 19.375 | 19.443 | VV  | 19621  | 715359    | 8.60%  | 0.225% |  |
| 266                     | 19.471 | 19.443 | 19.485 | VV  | 21257  | 472489    | 5.68%  | 0.149% |  |
| 267                     | 19.507 | 19.485 | 19.582 | VV  | 24597  | 1114017   | 13.40% | 0.350% |  |
| 268                     | 19.646 | 19.582 | 19.672 | VV  | 16578  | 849637    | 10.22% | 0.267% |  |
| 269                     | 19.717 | 19.672 | 19.767 | VV  | 21642  | 1095592   | 13.18% | 0.345% |  |
| 270                     | 19.796 | 19.767 | 19.838 | VV  | 28275  | 926642    | 11.14% | 0.291% |  |
| 271                     | 19.878 | 19.838 | 19.915 | VV  | 422598 | 6499341   | 78.16% | 2.044% |  |
| 272                     | 19.935 | 19.915 | 19.956 | VV  | 19883  | 476038    | 5.73%  | 0.150% |  |
| 273                     | 20.028 | 19.956 | 20.056 | VV  | 22364  | 1209046   | 14.54% | 0.380% |  |
| 274                     | 20.100 | 20.056 | 20.115 | VV  | 21424  | 706260    | 8.49%  | 0.222% |  |
| 275                     | 20.189 | 20.115 | 20.207 | VV  | 25433  | 1240150   | 14.91% | 0.390% |  |
| 276                     | 20.227 | 20.207 | 20.249 | VV  | 25431  | 597658    | 7.19%  | 0.188% |  |
| 277                     | 20.267 | 20.249 | 20.338 | VV  | 23322  | 1176068   | 14.14% | 0.370% |  |
| 278                     | 20.382 | 20.338 | 20.426 | VV  | 23473  | 1160104   | 13.95% | 0.365% |  |
| 279                     | 20.472 | 20.426 | 20.503 | VV  | 23717  | 1062558   | 12.78% | 0.334% |  |
| 280                     | 20.522 | 20.503 | 20.541 | VV  | 23572  | 536433    | 6.45%  | 0.169% |  |
| 281                     | 20.583 | 20.541 | 20.645 | VV  | 356961 | 6731942   | 80.96% | 2.117% |  |
| 282                     | 20.713 | 20.645 | 20.720 | VV  | 22006  | 949089    | 11.41% | 0.298% |  |
| 283                     | 20.753 | 20.720 | 20.848 | VV  | 22432  | 1625106   | 19.54% | 0.511% |  |
| 284                     | 20.858 | 20.848 | 20.876 | VV  | 19942  | 332808    | 4.00%  | 0.105% |  |
| 285                     | 20.901 | 20.876 | 20.928 | VV  | 19740  | 610051    | 7.34%  | 0.192% |  |
| 286                     | 20.966 | 20.928 | 20.997 | VV  | 22571  | 879859    | 10.58% | 0.277% |  |
| 287                     | 21.138 | 20.997 | 21.251 | VV  | 54376  | 5470561   | 65.79% | 1.720% |  |
| 288                     | 21.265 | 21.251 | 21.331 | VV  | 19980  | 912704    | 10.98% | 0.287% |  |
| 289                     | 21.409 | 21.331 | 21.501 | VBA | 284589 | 7460345   | 89.72% | 2.346% |  |
| Sum of corrected areas: |        |        |        |     |        | 318004650 |        |        |  |

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