

Instrument :  
FID\_C  
ClientSampleId :  
19S

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
8/17/2021 3:46:49 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081621AL\  
Data File : FC055208.D  
Signal(s) : FID1A.CH  
Acq On : 16 Aug 2021 20:48  
Sample : M3424-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080321.M  
Title : GC Extractables

Signal : FID1A.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         | 3.106       | 3.085        | 3.128      | BV       | 305            | 3105         | 0.06%          | 0.002%        |
| 2         | 3.146       | 3.128        | 3.156      | PV       | 244            | 2585         | 0.05%          | 0.002%        |
| 3         | 3.163       | 3.156        | 3.219      | VV       | 226            | 6731         | 0.13%          | 0.004%        |
| 4         | 3.242       | 3.219        | 3.264      | VV       | 258            | 5214         | 0.10%          | 0.003%        |
| 5         | 3.274       | 3.264        | 3.286      | VV       | 258            | 2564         | 0.05%          | 0.002%        |
| 6         | 3.294       | 3.286        | 3.305      | VV       | 191            | 2129         | 0.04%          | 0.001%        |
| 7         | 3.318       | 3.305        | 3.378      | VV       | 297            | 10287        | 0.20%          | 0.006%        |
| 8         | 3.387       | 3.378        | 3.399      | VV       | 302            | 2776         | 0.05%          | 0.002%        |
| 9         | 3.425       | 3.399        | 3.444      | VV       | 342            | 6268         | 0.12%          | 0.004%        |
| 10        | 3.454       | 3.444        | 3.485      | VV       | 212            | 2313         | 0.05%          | 0.001%        |
| 11        | 3.514       | 3.485        | 3.582      | VV       | 245            | 7596         | 0.15%          | 0.005%        |
| 12        | 3.619       | 3.582        | 3.672      | VV       | 195            | 5688         | 0.11%          | 0.003%        |
| 13        | 3.676       | 3.672        | 3.688      | VV       | 160            | 814          | 0.02%          | 0.000%        |
| 14        | 3.720       | 3.688        | 3.788      | PV       | 249            | 8990         | 0.18%          | 0.005%        |
| 15        | 3.798       | 3.788        | 3.807      | VV       | 118            | 922          | 0.02%          | 0.001%        |
| 16        | 3.818       | 3.807        | 3.845      | VV       | 142            | 2276         | 0.04%          | 0.001%        |
| 17        | 3.907       | 3.845        | 3.922      | VV       | 280            | 8228         | 0.16%          | 0.005%        |
| 18        | 3.969       | 3.922        | 4.015      | VV       | 347            | 14537        | 0.28%          | 0.009%        |
| 19        | 4.063       | 4.015        | 4.107      | VV       | 432            | 14041        | 0.27%          | 0.008%        |
| 20        | 4.144       | 4.107        | 4.156      | VV       | 278            | 3788         | 0.07%          | 0.002%        |
| 21        | 4.163       | 4.156        | 4.169      | VV       | 83             | 517          | 0.01%          | 0.000%        |
| 22        | 4.194       | 4.169        | 4.222      | VV       | 466            | 7985         | 0.16%          | 0.005%        |
| 23        | 4.231       | 4.222        | 4.252      | VV       | 291            | 3631         | 0.07%          | 0.002%        |
| 24        | 4.267       | 4.252        | 4.277      | VV       | 252            | 3296         | 0.06%          | 0.002%        |
| 25        | 4.286       | 4.277        | 4.291      | VV       | 284            | 1929         | 0.04%          | 0.001%        |
| 26        | 4.346       | 4.291        | 4.367      | VV       | 748            | 18573        | 0.36%          | 0.011%        |
| 27        | 4.387       | 4.367        | 4.405      | VV       | 520            | 8972         | 0.18%          | 0.005%        |
| 28        | 4.410       | 4.405        | 4.429      | VV       | 346            | 3577         | 0.07%          | 0.002%        |
| 29        | 4.482       | 4.429        | 4.552      | VV       | 404            | 18225        | 0.36%          | 0.011%        |
| 30        | 4.566       | 4.552        | 4.588      | VV       | 294            | 4361         | 0.09%          | 0.003%        |
| 31        | 4.601       | 4.588        | 4.631      | VV       | 363            | 6205         | 0.12%          | 0.004%        |
| 32        | 4.642       | 4.631        | 4.702      | VV       | 304            | 5528         | 0.11%          | 0.003%        |
| 33        | 4.708       | 4.702        | 4.725      | VV       | 187            | 1551         | 0.03%          | 0.001%        |
| 34        | 4.776       | 4.725        | 4.792      | PV       | 491            | 7913         | 0.15%          | 0.005%        |
| 35        | 4.812       | 4.792        | 4.847      | VV       | 1181           | 14136        | 0.28%          | 0.008%        |
| 36        | 4.869       | 4.847        | 4.906      | VV       | 573            | 9185         | 0.18%          | 0.005%        |

Instrument :  
FID\_C  
ClientSampleId :  
19S

Manual Integrations  
APPROVED

mohammad  
8/17/2021 3:46:49 PM

|    |       |       |       |    | retention |        |       |        |  |
|----|-------|-------|-------|----|-----------|--------|-------|--------|--|
| 37 | 4.927 | 4.906 | 4.942 | VV | 233       | 3974   | 0.08% | 0.002% |  |
| 38 | 4.959 | 4.942 | 4.969 | VV | 296       | 3581   | 0.07% | 0.002% |  |
| 39 | 4.976 | 4.969 | 4.984 | VV | 241       | 1630   | 0.03% | 0.001% |  |
| 40 | 5.005 | 4.984 | 5.035 | VV | 336       | 7297   | 0.14% | 0.004% |  |
| 41 | 5.051 | 5.035 | 5.072 | VV | 459       | 7563   | 0.15% | 0.005% |  |
| 42 | 5.075 | 5.072 | 5.095 | VV | 433       | 3748   | 0.07% | 0.002% |  |
| 43 | 5.108 | 5.095 | 5.122 | VV | 262       | 3404   | 0.07% | 0.002% |  |
| 44 | 5.133 | 5.122 | 5.143 | VV | 265       | 2773   | 0.05% | 0.002% |  |
| 45 | 5.181 | 5.143 | 5.198 | VV | 292       | 6056   | 0.12% | 0.004% |  |
| 46 | 5.221 | 5.198 | 5.240 | VV | 749       | 13149  | 0.26% | 0.008% |  |
| 47 | 5.256 | 5.240 | 5.284 | VV | 949       | 14249  | 0.28% | 0.008% |  |
| 48 | 5.311 | 5.284 | 5.348 | VV | 715       | 15241  | 0.30% | 0.009% |  |
| 49 | 5.368 | 5.348 | 5.418 | VV | 442       | 9204   | 0.18% | 0.005% |  |
| 50 | 5.472 | 5.418 | 5.483 | VV | 588       | 10325  | 0.20% | 0.006% |  |
| 51 | 5.507 | 5.483 | 5.536 | VV | 870       | 17302  | 0.34% | 0.010% |  |
| 52 | 5.552 | 5.536 | 5.578 | VV | 494       | 8834   | 0.17% | 0.005% |  |
| 53 | 5.591 | 5.578 | 5.605 | VV | 317       | 3389   | 0.07% | 0.002% |  |
| 54 | 5.616 | 5.605 | 5.640 | VV | 282       | 3337   | 0.07% | 0.002% |  |
| 55 | 5.662 | 5.640 | 5.672 | VV | 211       | 2556   | 0.05% | 0.002% |  |
| 56 | 5.680 | 5.672 | 5.698 | VV | 275       | 2258   | 0.04% | 0.001% |  |
| 57 | 5.711 | 5.698 | 5.727 | VV | 192       | 1681   | 0.03% | 0.001% |  |
| 58 | 5.750 | 5.727 | 5.781 | PV | 5943      | 76549  | 1.49% | 0.046% |  |
| 59 | 5.799 | 5.781 | 5.825 | VV | 1344      | 31073  | 0.61% | 0.019% |  |
| 60 | 5.853 | 5.825 | 5.899 | VV | 3309      | 109893 | 2.14% | 0.065% |  |
| 61 | 5.911 | 5.899 | 5.945 | VV | 2683      | 57055  | 1.11% | 0.034% |  |
| 62 | 5.960 | 5.945 | 5.982 | VV | 1435      | 27622  | 0.54% | 0.016% |  |
| 63 | 5.992 | 5.982 | 6.028 | VV | 1266      | 30885  | 0.60% | 0.018% |  |
| 64 | 6.065 | 6.028 | 6.104 | VV | 1268      | 46146  | 0.90% | 0.027% |  |
| 65 | 6.116 | 6.104 | 6.132 | VV | 866       | 13173  | 0.26% | 0.008% |  |
| 66 | 6.146 | 6.132 | 6.175 | VV | 734       | 17408  | 0.34% | 0.010% |  |
| 67 | 6.191 | 6.175 | 6.262 | VV | 2646      | 49282  | 0.96% | 0.029% |  |
| 68 | 6.270 | 6.262 | 6.288 | VV | 437       | 5746   | 0.11% | 0.003% |  |
| 69 | 6.336 | 6.288 | 6.356 | VV | 2064      | 34374  | 0.67% | 0.020% |  |
| 70 | 6.366 | 6.356 | 6.395 | VV | 676       | 11160  | 0.22% | 0.007% |  |
| 71 | 6.419 | 6.395 | 6.436 | VV | 521       | 10000  | 0.20% | 0.006% |  |
| 72 | 6.461 | 6.436 | 6.488 | VV | 455       | 11277  | 0.22% | 0.007% |  |
| 73 | 6.505 | 6.488 | 6.555 | VV | 848       | 19459  | 0.38% | 0.012% |  |
| 74 | 6.573 | 6.555 | 6.592 | VV | 512       | 9329   | 0.18% | 0.006% |  |
| 75 | 6.611 | 6.592 | 6.658 | VV | 638       | 19166  | 0.37% | 0.011% |  |
| 76 | 6.699 | 6.658 | 6.718 | VV | 1018      | 24770  | 0.48% | 0.015% |  |
| 77 | 6.745 | 6.718 | 6.768 | VV | 939       | 20929  | 0.41% | 0.012% |  |
| 78 | 6.787 | 6.768 | 6.823 | VV | 1027      | 22339  | 0.44% | 0.013% |  |
| 79 | 6.845 | 6.823 | 6.858 | VV | 996       | 14343  | 0.28% | 0.009% |  |
| 80 | 6.886 | 6.858 | 6.928 | VV | 3128      | 51257  | 1.00% | 0.031% |  |
| 81 | 6.980 | 6.928 | 7.053 | VV | 1205      | 53478  | 1.04% | 0.032% |  |
| 82 | 7.068 | 7.053 | 7.081 | VV | 750       | 9624   | 0.19% | 0.006% |  |
| 83 | 7.109 | 7.081 | 7.141 | VV | 3967      | 56671  | 1.11% | 0.034% |  |
| 84 | 7.155 | 7.141 | 7.178 | VV | 636       | 11952  | 0.23% | 0.007% |  |
| 85 | 7.205 | 7.178 | 7.218 | VV | 730       | 14045  | 0.27% | 0.008% |  |
| 86 | 7.230 | 7.218 | 7.249 | VV | 930       | 12811  | 0.25% | 0.008% |  |
| 87 | 7.276 | 7.249 | 7.303 | VV | 1557      | 28024  | 0.55% | 0.017% |  |
| 88 | 7.320 | 7.303 | 7.345 | VV | 505       | 7578   | 0.15% | 0.005% |  |
| 89 | 7.379 | 7.345 | 7.387 | VV | 721       | 11527  | 0.22% | 0.007% |  |

Instrument :  
FID\_C  
ClientSampleId :  
19S

Manual Integrations  
APPROVED

mohammad  
8/17/2021 3:46:49 PM

|     |        |        |        |    | rt   | Area   | Height | %Area  | %Height |
|-----|--------|--------|--------|----|------|--------|--------|--------|---------|
| 90  | 7.550  | 7.541  | 7.615  | VV | 3472 | 114714 | 2.24%  | 0.068% |         |
| 91  | 7.622  | 7.615  | 7.648  | VV | 1978 | 35731  | 0.70%  | 0.021% |         |
| 92  | 7.669  | 7.648  | 7.692  | VV | 1923 | 42564  | 0.83%  | 0.025% |         |
| 93  | 7.722  | 7.692  | 7.755  | VV | 1857 | 54340  | 1.06%  | 0.032% |         |
| 94  | 7.793  | 7.755  | 7.815  | VV | 4059 | 73668  | 1.44%  | 0.044% |         |
| 95  | 7.835  | 7.815  | 7.868  | VV | 1687 | 44464  | 0.87%  | 0.026% |         |
| 96  | 7.882  | 7.868  | 7.893  | VV | 1707 | 22178  | 0.43%  | 0.013% |         |
| 97  | 7.906  | 7.893  | 7.921  | VV | 1757 | 26178  | 0.51%  | 0.016% |         |
| 98  | 7.941  | 7.921  | 7.954  | VV | 2044 | 33218  | 0.65%  | 0.020% |         |
| 99  | 7.974  | 7.954  | 8.006  | VV | 4660 | 75557  | 1.47%  | 0.045% |         |
| 100 | 8.019  | 8.006  | 8.044  | VV | 1293 | 23380  | 0.46%  | 0.014% |         |
| 101 | 8.092  | 8.044  | 8.100  | VV | 1114 | 30812  | 0.60%  | 0.018% |         |
| 102 | 8.113  | 8.100  | 8.135  | VV | 1248 | 19655  | 0.38%  | 0.012% |         |
| 103 | 8.147  | 8.135  | 8.165  | VV | 812  | 11192  | 0.22%  | 0.007% |         |
| 104 | 8.176  | 8.165  | 8.195  | VV | 691  | 10094  | 0.20%  | 0.006% |         |
| 105 | 8.214  | 8.195  | 8.231  | VV | 697  | 11956  | 0.23%  | 0.007% |         |
| 106 | 8.374  | 8.361  | 8.446  | VV | 6464 | 212295 | 4.14%  | 0.126% |         |
| 107 | 8.467  | 8.446  | 8.486  | VV | 2667 | 60574  | 1.18%  | 0.036% |         |
| 108 | 8.505  | 8.486  | 8.545  | VV | 4128 | 85436  | 1.67%  | 0.051% |         |
| 109 | 8.570  | 8.545  | 8.591  | VV | 1571 | 36115  | 0.70%  | 0.022% |         |
| 110 | 8.626  | 8.591  | 8.639  | VV | 1269 | 33199  | 0.65%  | 0.020% |         |
| 111 | 8.654  | 8.639  | 8.664  | VV | 1243 | 18043  | 0.35%  | 0.011% |         |
| 112 | 8.690  | 8.664  | 8.753  | VV | 2029 | 75501  | 1.47%  | 0.045% |         |
| 113 | 8.792  | 8.753  | 8.849  | VV | 2968 | 73831  | 1.44%  | 0.044% |         |
| 114 | 8.871  | 8.849  | 8.895  | VV | 788  | 15296  | 0.30%  | 0.009% |         |
| 115 | 8.909  | 8.895  | 8.918  | VV | 405  | 5324   | 0.10%  | 0.003% |         |
| 116 | 8.936  | 8.918  | 8.964  | VV | 577  | 10697  | 0.21%  | 0.006% |         |
| 117 | 8.984  | 8.964  | 9.003  | VV | 456  | 7507   | 0.15%  | 0.004% |         |
| 118 | 9.012  | 9.003  | 9.018  | VV | 355  | 2769   | 0.05%  | 0.002% |         |
| 119 | 9.026  | 9.018  | 9.041  | VV | 419  | 4689   | 0.09%  | 0.003% |         |
| 120 | 9.074  | 9.041  | 9.105  | VV | 718  | 17579  | 0.34%  | 0.010% |         |
| 121 | 9.161  | 9.105  | 9.219  | VV | 1173 | 47975  | 0.94%  | 0.029% |         |
| 122 | 9.236  | 9.219  | 9.265  | VV | 1094 | 22204  | 0.43%  | 0.013% |         |
| 123 | 9.320  | 9.265  | 9.369  | VV | 954  | 41851  | 0.82%  | 0.025% |         |
| 124 | 9.398  | 9.369  | 9.416  | VV | 849  | 16075  | 0.31%  | 0.010% |         |
| 125 | 9.435  | 9.416  | 9.460  | VV | 677  | 13971  | 0.27%  | 0.008% |         |
| 126 | 9.513  | 9.460  | 9.541  | VV | 1388 | 38688  | 0.75%  | 0.023% |         |
| 127 | 9.565  | 9.541  | 9.591  | VV | 2362 | 34350  | 0.67%  | 0.020% |         |
| 128 | 9.611  | 9.591  | 9.622  | VV | 613  | 9889   | 0.19%  | 0.006% |         |
| 129 | 9.642  | 9.622  | 9.659  | VV | 782  | 14427  | 0.28%  | 0.009% |         |
| 130 | 9.667  | 9.659  | 9.698  | VV | 673  | 11383  | 0.22%  | 0.007% |         |
| 131 | 9.729  | 9.698  | 9.765  | VV | 557  | 15029  | 0.29%  | 0.009% |         |
| 132 | 9.785  | 9.765  | 9.815  | VV | 478  | 9158   | 0.18%  | 0.005% |         |
| 133 | 9.836  | 9.815  | 9.861  | PV | 261  | 3316   | 0.06%  | 0.002% |         |
| 134 | 9.905  | 9.861  | 9.918  | VV | 591  | 11543  | 0.23%  | 0.007% |         |
| 135 | 9.948  | 9.918  | 9.976  | VV | 1763 | 32115  | 0.63%  | 0.019% |         |
| 136 | 9.997  | 9.976  | 10.014 | VV | 672  | 11941  | 0.23%  | 0.007% |         |
| 137 | 10.030 | 10.014 | 10.074 | VV | 802  | 21544  | 0.42%  | 0.013% |         |
| 138 | 10.091 | 10.074 | 10.127 | VV | 776  | 13447  | 0.26%  | 0.008% |         |
| 139 | 10.154 | 10.127 | 10.172 | VV | 754  | 11975  | 0.23%  | 0.007% |         |
| 140 | 10.194 | 10.172 | 10.206 | VV | 807  | 13348  | 0.26%  | 0.008% |         |
| 141 | 10.213 | 10.206 | 10.243 | VV | 642  | 12253  | 0.24%  | 0.007% |         |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.266 | 10.243 | 10.277 | VV | 1079   | 16987   | 0.33%   | 0.010% |
| 143 | 10.300 | 10.277 | 10.341 | VV | 2892   | 57584   | 1.12%   | 0.034% |
| 144 | 10.370 | 10.341 | 10.455 | VV | 3274   | 91500   | 1.78%   | 0.055% |
| 145 | 10.508 | 10.455 | 10.525 | VV | 915    | 32795   | 0.64%   | 0.020% |
| 146 | 10.555 | 10.525 | 10.632 | VV | 19804  | 404711  | 7.89%   | 0.241% |
| 147 | 10.652 | 10.632 | 10.735 | VV | 3140   | 132694  | 2.59%   | 0.079% |
| 148 | 10.766 | 10.735 | 10.786 | VV | 1429   | 37226   | 0.73%   | 0.022% |
| 149 | 10.798 | 10.786 | 10.822 | VV | 971    | 18463   | 0.36%   | 0.011% |
| 150 | 10.831 | 10.822 | 10.840 | VV | 980    | 9531    | 0.19%   | 0.006% |
| 151 | 10.872 | 10.840 | 10.899 | VV | 1883   | 54677   | 1.07%   | 0.033% |
| 152 | 10.927 | 10.899 | 10.939 | VV | 1875   | 41199   | 0.80%   | 0.025% |
| 153 | 10.948 | 10.939 | 10.965 | VV | 1932   | 26032   | 0.51%   | 0.016% |
| 154 | 10.999 | 10.965 | 11.054 | VV | 3655   | 106014  | 2.07%   | 0.063% |
| 155 | 11.087 | 11.054 | 11.131 | VV | 4635   | 110080  | 2.15%   | 0.066% |
| 156 | 11.153 | 11.131 | 11.173 | VV | 1970   | 39163   | 0.76%   | 0.023% |
| 157 | 11.193 | 11.173 | 11.208 | VV | 2011   | 35330   | 0.69%   | 0.021% |
| 158 | 11.307 | 11.208 | 11.342 | VV | 455027 | 5126601 | 100.00% | 3.054% |
| 159 | 11.357 | 11.342 | 11.375 | VV | 5973   | 104526  | 2.04%   | 0.062% |
| 160 | 11.393 | 11.375 | 11.437 | VV | 6165   | 160742  | 3.14%   | 0.096% |
| 161 | 11.470 | 11.437 | 11.492 | VV | 5965   | 151319  | 2.95%   | 0.090% |
| 162 | 11.504 | 11.492 | 11.518 | VV | 4917   | 70904   | 1.38%   | 0.042% |
| 163 | 11.540 | 11.518 | 11.577 | VV | 5288   | 149911  | 2.92%   | 0.089% |
| 164 | 11.592 | 11.577 | 11.613 | VV | 3693   | 70369   | 1.37%   | 0.042% |
| 165 | 11.665 | 11.613 | 11.693 | VV | 6467   | 216953  | 4.23%   | 0.129% |
| 166 | 11.722 | 11.693 | 11.742 | VV | 4421   | 112925  | 2.20%   | 0.067% |
| 167 | 11.782 | 11.742 | 11.823 | VV | 4436   | 205033  | 4.00%   | 0.122% |
| 168 | 11.858 | 11.823 | 11.878 | VV | 5825   | 167332  | 3.26%   | 0.100% |
| 169 | 11.890 | 11.878 | 11.911 | VV | 5331   | 99079   | 1.93%   | 0.059% |
| 170 | 11.929 | 11.911 | 11.952 | VV | 6419   | 137282  | 2.68%   | 0.082% |
| 171 | 11.971 | 11.952 | 11.991 | VV | 5896   | 130502  | 2.55%   | 0.078% |
| 172 | 12.008 | 11.991 | 12.018 | VV | 5869   | 91322   | 1.78%   | 0.054% |
| 173 | 12.047 | 12.018 | 12.095 | VV | 7019   | 290475  | 5.67%   | 0.173% |
| 174 | 12.145 | 12.095 | 12.195 | VV | 7673   | 406976  | 7.94%   | 0.242% |
| 175 | 12.220 | 12.195 | 12.230 | VV | 8914   | 168885  | 3.29%   | 0.101% |
| 176 | 12.249 | 12.230 | 12.271 | VV | 10710  | 231787  | 4.52%   | 0.138% |
| 177 | 12.304 | 12.271 | 12.340 | VV | 14623  | 440339  | 8.59%   | 0.262% |
| 178 | 12.364 | 12.340 | 12.425 | VV | 39499  | 900610  | 17.57%  | 0.537% |
| 179 | 12.449 | 12.425 | 12.463 | VV | 9905   | 218660  | 4.27%   | 0.130% |
| 180 | 12.472 | 12.463 | 12.479 | VV | 9409   | 92808   | 1.81%   | 0.055% |
| 181 | 12.484 | 12.479 | 12.505 | VV | 9396   | 137935  | 2.69%   | 0.082% |
| 182 | 12.558 | 12.505 | 12.617 | VV | 10940  | 685590  | 13.37%  | 0.408% |
| 183 | 12.660 | 12.617 | 12.707 | VV | 37877  | 988600  | 19.28%  | 0.589% |
| 184 | 12.748 | 12.707 | 12.781 | VV | 350959 | 4494699 | 87.67%  | 2.678% |
| 185 | 12.795 | 12.781 | 12.842 | VV | 17013  | 545770  | 10.65%  | 0.325% |
| 186 | 12.848 | 12.842 | 12.889 | VV | 14045  | 388784  | 7.58%   | 0.232% |
| 187 | 12.914 | 12.889 | 12.945 | VV | 20990  | 549175  | 10.71%  | 0.327% |
| 188 | 12.958 | 12.945 | 12.969 | VV | 15220  | 215609  | 4.21%   | 0.128% |
| 189 | 12.989 | 12.969 | 13.037 | VV | 15379  | 611920  | 11.94%  | 0.365% |
| 190 | 13.073 | 13.037 | 13.090 | VV | 16522  | 493329  | 9.62%   | 0.294% |
| 191 | 13.141 | 13.090 | 13.166 | VV | 20316  | 800859  | 15.62%  | 0.477% |
| 192 | 13.188 | 13.166 | 13.204 | VV | 17650  | 389033  | 7.59%   | 0.232% |
| 193 | 13.226 | 13.204 | 13.242 | VV | 18694  | 404990  | 7.90%   | 0.241% |
| 194 | 13.267 | 13.242 | 13.304 | VV | 20966  | 741127  | 14.46%  | 0.441% |

Instrument :  
FID\_C  
ClientSampleId :  
19S

Manual Integrations  
APPROVED

mohammad  
8/17/2021 3:46:49 PM

Instrument :  
FID\_C  
ClientSampleId :  
19S

Manual Integrations  
APPROVED

mohammad  
8/17/2021 3:46:49 PM

|     |        |        |        |    | rteres |         |        |        |  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|--|
| 195 | 13.324 | 13.304 | 13.338 | VV | 20826  | 411986  | 8.04%  | 0.245% |  |
| 196 | 13.349 | 13.338 | 13.368 | VV | 21164  | 367197  | 7.16%  | 0.219% |  |
| 197 | 13.410 | 13.368 | 13.451 | VV | 24080  | 1076021 | 20.99% | 0.641% |  |
| 198 | 13.497 | 13.451 | 13.518 | VV | 27740  | 935479  | 18.25% | 0.557% |  |
| 199 | 13.529 | 13.518 | 13.539 | VV | 24214  | 309019  | 6.03%  | 0.184% |  |
| 200 | 13.553 | 13.539 | 13.569 | VV | 24782  | 427324  | 8.34%  | 0.255% |  |
| 201 | 13.577 | 13.569 | 13.599 | VV | 23499  | 409613  | 7.99%  | 0.244% |  |
| 202 | 13.643 | 13.599 | 13.664 | VV | 23449  | 878654  | 17.14% | 0.523% |  |
| 203 | 13.725 | 13.664 | 13.768 | VV | 27112  | 1532154 | 29.89% | 0.913% |  |
| 204 | 13.802 | 13.768 | 13.828 | VV | 25076  | 880339  | 17.17% | 0.524% |  |
| 205 | 13.860 | 13.828 | 13.872 | VV | 26290  | 667916  | 13.03% | 0.398% |  |
| 206 | 13.879 | 13.872 | 13.895 | VV | 27221  | 373257  | 7.28%  | 0.222% |  |
| 207 | 13.920 | 13.895 | 13.948 | VV | 27569  | 850045  | 16.58% | 0.506% |  |
| 208 | 13.981 | 13.948 | 14.021 | VV | 28311  | 1179869 | 23.01% | 0.703% |  |
| 209 | 14.057 | 14.021 | 14.077 | VV | 33099  | 966621  | 18.86% | 0.576% |  |
| 210 | 14.122 | 14.077 | 14.138 | VV | 31406  | 1043270 | 20.35% | 0.621% |  |
| 211 | 14.186 | 14.138 | 14.217 | VV | 31177  | 1427846 | 27.85% | 0.851% |  |
| 212 | 14.239 | 14.217 | 14.257 | VV | 30558  | 703206  | 13.72% | 0.419% |  |
| 213 | 14.278 | 14.257 | 14.317 | VV | 31178  | 1092949 | 21.32% | 0.651% |  |
| 214 | 14.337 | 14.317 | 14.388 | VV | 31323  | 1307938 | 25.51% | 0.779% |  |
| 215 | 14.444 | 14.388 | 14.462 | VV | 32038  | 1374721 | 26.82% | 0.819% |  |
| 216 | 14.475 | 14.462 | 14.501 | VV | 32758  | 739135  | 14.42% | 0.440% |  |
| 217 | 14.511 | 14.501 | 14.527 | VV | 31310  | 481602  | 9.39%  | 0.287% |  |
| 218 | 14.550 | 14.527 | 14.568 | VV | 40600  | 898330  | 17.52% | 0.535% |  |
| 219 | 14.592 | 14.568 | 14.627 | VV | 45409  | 1360138 | 26.53% | 0.810% |  |
| 220 | 14.646 | 14.627 | 14.687 | VV | 35394  | 1229585 | 23.98% | 0.732% |  |
| 221 | 14.706 | 14.687 | 14.728 | VV | 34160  | 830105  | 16.19% | 0.495% |  |
| 222 | 14.735 | 14.728 | 14.765 | VV | 33425  | 711307  | 13.87% | 0.424% |  |
| 223 | 14.793 | 14.765 | 14.812 | VV | 34082  | 924372  | 18.03% | 0.551% |  |
| 224 | 14.840 | 14.812 | 14.856 | VV | 34979  | 900163  | 17.56% | 0.536% |  |
| 225 | 14.878 | 14.856 | 14.888 | VV | 35410  | 658331  | 12.84% | 0.392% |  |
| 226 | 14.905 | 14.888 | 14.916 | VV | 34905  | 584663  | 11.40% | 0.348% |  |
| 227 | 14.938 | 14.916 | 14.960 | VV | 35437  | 905585  | 17.66% | 0.539% |  |
| 228 | 15.006 | 14.960 | 15.095 | VV | 50257  | 3119033 | 60.84% | 1.858% |  |
| 229 | 15.116 | 15.095 | 15.125 | VV | 38984  | 666825  | 13.01% | 0.397% |  |
| 230 | 15.157 | 15.125 | 15.184 | VV | 44973  | 1474648 | 28.76% | 0.878% |  |
| 231 | 15.196 | 15.184 | 15.249 | VV | 38077  | 1422127 | 27.74% | 0.847% |  |
| 232 | 15.294 | 15.249 | 15.304 | VV | 35619  | 1142243 | 22.28% | 0.680% |  |
| 233 | 15.321 | 15.304 | 15.343 | VV | 37162  | 840008  | 16.39% | 0.500% |  |
| 234 | 15.374 | 15.343 | 15.393 | VV | 37166  | 1094053 | 21.34% | 0.652% |  |
| 235 | 15.421 | 15.393 | 15.464 | VV | 39692  | 1603316 | 31.27% | 0.955% |  |
| 236 | 15.483 | 15.464 | 15.518 | VV | 39623  | 1240372 | 24.19% | 0.739% |  |
| 237 | 15.539 | 15.518 | 15.572 | VV | 37697  | 1167460 | 22.77% | 0.695% |  |
| 238 | 15.609 | 15.572 | 15.632 | VV | 43325  | 1413544 | 27.57% | 0.842% |  |
| 239 | 15.655 | 15.632 | 15.689 | VV | 39754  | 1307825 | 25.51% | 0.779% |  |
| 240 | 15.704 | 15.689 | 15.762 | VV | 36800  | 1554715 | 30.33% | 0.926% |  |
| 241 | 15.783 | 15.762 | 15.818 | VV | 40011  | 1283142 | 25.03% | 0.764% |  |
| 242 | 15.839 | 15.818 | 15.882 | VV | 41822  | 1487338 | 29.01% | 0.886% |  |
| 243 | 15.920 | 15.882 | 15.991 | VV | 42147  | 2566947 | 50.07% | 1.529% |  |
| 244 | 16.021 | 15.991 | 16.071 | VV | 40756  | 1884409 | 36.76% | 1.123% |  |
| 245 | 16.107 | 16.071 | 16.135 | VV | 51164  | 1670363 | 32.58% | 0.995% |  |
| 246 | 16.150 | 16.135 | 16.176 | VV | 44791  | 1036250 | 20.21% | 0.617% |  |

Instrument :  
FID\_C  
ClientSampleId :  
19S

Manual Integrations  
APPROVED

mohammad  
8/17/2021 3:46:49 PM

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.195 | 16.176 | 16.214 | VV | 38026 | 836014  | 16.31% | 0.498% |
| 248    | 16.260 | 16.214 | 16.293 | VV | 40796 | 1852426 | 36.13% | 1.104% |
| 249    | 16.316 | 16.293 | 16.351 | VV | 40051 | 1338722 | 26.11% | 0.797% |
| 250    | 16.373 | 16.351 | 16.382 | VV | 38689 | 698334  | 13.62% | 0.416% |
| 251    | 16.390 | 16.382 | 16.399 | VV | 38253 | 395622  | 7.72%  | 0.236% |
| 252    | 16.429 | 16.399 | 16.475 | VV | 47482 | 1855389 | 36.19% | 1.105% |
| 253    | 16.495 | 16.475 | 16.542 | VV | 46598 | 1654377 | 32.27% | 0.986% |
| 254    | 16.562 | 16.542 | 16.585 | VV | 43857 | 1054069 | 20.56% | 0.628% |
| 255    | 16.603 | 16.585 | 16.670 | VV | 44584 | 1993016 | 38.88% | 1.187% |
| 256    | 16.710 | 16.670 | 16.740 | VV | 39224 | 1593738 | 31.09% | 0.949% |
| 257    | 16.775 | 16.740 | 16.814 | VV | 42543 | 1756076 | 34.25% | 1.046% |
| 258    | 16.876 | 16.814 | 16.918 | VV | 39213 | 2338456 | 45.61% | 1.393% |
| 259    | 16.939 | 16.918 | 16.978 | VV | 38060 | 1342347 | 26.18% | 0.800% |
| 260    | 17.010 | 16.978 | 17.072 | VV | 39624 | 2065851 | 40.30% | 1.231% |
| 261    | 17.114 | 17.072 | 17.141 | VV | 37979 | 1529458 | 29.83% | 0.911% |
| 262    | 17.157 | 17.141 | 17.206 | VV | 37363 | 1377278 | 26.87% | 0.820% |
| 263    | 17.216 | 17.206 | 17.225 | VV | 34471 | 395089  | 7.71%  | 0.235% |
| 264    | 17.235 | 17.225 | 17.254 | VV | 34708 | 588544  | 11.48% | 0.351% |
| 265    | 17.273 | 17.254 | 17.293 | VV | 35298 | 815401  | 15.91% | 0.486% |
| 266    | 17.325 | 17.293 | 17.369 | VV | 35185 | 1556456 | 30.36% | 0.927% |
| 267    | 17.401 | 17.369 | 17.413 | VV | 36102 | 911536  | 17.78% | 0.543% |
| 268    | 17.422 | 17.413 | 17.431 | VV | 35455 | 376152  | 7.34%  | 0.224% |
| 269    | 17.447 | 17.431 | 17.490 | VV | 35811 | 1207114 | 23.55% | 0.719% |
| 270    | 17.529 | 17.490 | 17.543 | VV | 35896 | 1108448 | 21.62% | 0.660% |
| 271    | 17.569 | 17.543 | 17.629 | VV | 36753 | 1764375 | 34.42% | 1.051% |
| 272    | 17.654 | 17.629 | 17.692 | VV | 34453 | 1247634 | 24.34% | 0.743% |
| 273    | 17.733 | 17.692 | 17.758 | VV | 33626 | 1314546 | 25.64% | 0.783% |
| 274    | 17.779 | 17.758 | 17.787 | VV | 33395 | 569156  | 11.10% | 0.339% |
| 275    | 17.832 | 17.787 | 17.854 | VV | 40792 | 1494289 | 29.15% | 0.890% |
| 276    | 17.873 | 17.854 | 17.903 | VV | 40124 | 1068945 | 20.85% | 0.637% |
| 277    | 17.916 | 17.903 | 17.948 | VV | 35186 | 906448  | 17.68% | 0.540% |
| 278    | 17.958 | 17.948 | 17.972 | VV | 31727 | 438235  | 8.55%  | 0.261% |
| 279    | 17.985 | 17.972 | 17.993 | VV | 31440 | 403329  | 7.87%  | 0.240% |
| 280    | 18.018 | 17.993 | 18.039 | VV | 32561 | 850131  | 16.58% | 0.506% |
| 281    | 18.077 | 18.039 | 18.099 | VV | 31120 | 1087060 | 21.20% | 0.648% |
| 282    | 18.128 | 18.099 | 18.208 | VV | 39261 | 2108390 | 41.13% | 1.256% |
| 283    | 18.220 | 18.208 | 18.228 | VV | 28990 | 343082  | 6.69%  | 0.204% |
| 284    | 18.266 | 18.228 | 18.322 | VV | 35482 | 1744871 | 34.04% | 1.039% |
| 285    | 18.325 | 18.322 | 18.338 | VV | 28806 | 283450  | 5.53%  | 0.169% |
| 286    | 18.350 | 18.338 | 18.381 | VV | 28573 | 736204  | 14.36% | 0.439% |
| 287    | 18.406 | 18.381 | 18.498 | VV | 29439 | 1962480 | 38.28% | 1.169% |
| 288    | 18.524 | 18.498 | 18.558 | VV | 28005 | 987057  | 19.25% | 0.588% |
| 289    | 18.573 | 18.558 | 18.597 | VV | 27517 | 621363  | 12.12% | 0.370% |
| 290    | 18.663 | 18.597 | 18.758 | VV | 34842 | 2766830 | 53.97% | 1.648% |
| 291    | 18.800 | 18.758 | 18.808 | VV | 26480 | 781127  | 15.24% | 0.465% |
| 292    | 18.821 | 18.808 | 18.887 | VV | 26771 | 1233148 | 24.05% | 0.735% |
| 293    | 18.902 | 18.887 | 18.932 | VV | 25777 | 665851  | 12.99% | 0.397% |
| 294    | 18.952 | 18.932 | 19.022 | VV | 26482 | 1343653 | 26.21% | 0.800% |
| 295    | 19.055 | 19.022 | 19.092 | VV | 27347 | 1061964 | 20.71% | 0.633% |
| 296    | 19.097 | 19.092 | 19.125 | VV | 25317 | 487676  | 9.51%  | 0.291% |
| 297    | 19.173 | 19.125 | 19.203 | VV | 26429 | 1135134 | 22.14% | 0.676% |
| 298    | 19.216 | 19.203 | 19.238 | VV | 24033 | 490708  | 9.57%  | 0.292% |
| 299    | 19.249 | 19.238 | 19.272 | VV | 23345 | 471471  | 9.20%  | 0.281% |

Instrument :  
FID\_C  
ClientSampleId :  
19S

Manual Integrations  
APPROVED

mohammad  
8/17/2021 3:46:49 PM

| rteres                  |        |        |        |     |       |           |        |        |
|-------------------------|--------|--------|--------|-----|-------|-----------|--------|--------|
| 300                     | 19.296 | 19.272 | 19.318 | VV  | 25427 | 683832    | 13.34% | 0.407% |
| 301                     | 19.321 | 19.318 | 19.343 | VV  | 24848 | 356771    | 6.96%  | 0.213% |
| 302                     | 19.374 | 19.343 | 19.412 | VV  | 51674 | 1362855   | 26.58% | 0.812% |
| 303                     | 19.430 | 19.412 | 19.503 | VV  | 26376 | 1314987   | 25.65% | 0.783% |
| 304                     | 19.520 | 19.503 | 19.590 | VV  | 22552 | 1142037   | 22.28% | 0.680% |
| 305                     | 19.600 | 19.590 | 19.648 | VV  | 22306 | 758144    | 14.79% | 0.452% |
| 306                     | 19.690 | 19.648 | 19.742 | VV  | 24725 | 1278744   | 24.94% | 0.762% |
| 307                     | 19.794 | 19.742 | 19.875 | VV  | 23531 | 1777769   | 34.68% | 1.059% |
| 308                     | 19.886 | 19.875 | 19.912 | VV  | 22087 | 475223    | 9.27%  | 0.283% |
| 309                     | 19.982 | 19.912 | 20.060 | VV  | 23758 | 1987400   | 38.77% | 1.184% |
| 310                     | 20.070 | 20.060 | 20.102 | VV  | 21844 | 538829    | 10.51% | 0.321% |
| 311                     | 20.147 | 20.102 | 20.176 | VV  | 22357 | 957065    | 18.67% | 0.570% |
| 312                     | 20.187 | 20.176 | 20.198 | VV  | 21241 | 272209    | 5.31%  | 0.162% |
| 313                     | 20.205 | 20.198 | 20.213 | VV  | 21119 | 196061    | 3.82%  | 0.117% |
| 314                     | 20.245 | 20.213 | 20.269 | VV  | 21887 | 718587    | 14.02% | 0.428% |
| 315                     | 20.274 | 20.269 | 20.292 | VV  | 21618 | 283798    | 5.54%  | 0.169% |
| 316                     | 20.305 | 20.292 | 20.315 | VV  | 21688 | 295956    | 5.77%  | 0.176% |
| 317                     | 20.350 | 20.315 | 20.361 | VV  | 22070 | 609026    | 11.88% | 0.363% |
| 318                     | 20.379 | 20.361 | 20.435 | VV  | 22101 | 947849    | 18.49% | 0.565% |
| 319                     | 20.444 | 20.435 | 20.462 | VV  | 21102 | 343498    | 6.70%  | 0.205% |
| 320                     | 20.493 | 20.462 | 20.540 | VV  | 22355 | 972849    | 18.98% | 0.580% |
| 321                     | 20.552 | 20.540 | 20.739 | VV  | 20352 | 2264638   | 44.17% | 1.349% |
| 322                     | 20.767 | 20.739 | 20.791 | VV  | 18041 | 550128    | 10.73% | 0.328% |
| 323                     | 20.801 | 20.791 | 20.818 | VV  | 17396 | 281424    | 5.49%  | 0.168% |
| 324                     | 20.872 | 20.818 | 20.921 | VV  | 17148 | 1015816   | 19.81% | 0.605% |
| 325                     | 20.933 | 20.921 | 20.968 | VV  | 15832 | 438390    | 8.55%  | 0.261% |
| 326                     | 20.981 | 20.968 | 21.021 | VV  | 15314 | 466293    | 9.10%  | 0.278% |
| 327                     | 21.032 | 21.021 | 21.042 | VV  | 14629 | 178020    | 3.47%  | 0.106% |
| 328                     | 21.060 | 21.042 | 21.068 | VV  | 14605 | 230871    | 4.50%  | 0.138% |
| 329                     | 21.087 | 21.068 | 21.131 | VV  | 14935 | 537563    | 10.49% | 0.320% |
| 330                     | 21.156 | 21.131 | 21.233 | VV  | 14282 | 820942    | 16.01% | 0.489% |
| 331                     | 21.242 | 21.233 | 21.272 | VV  | 12697 | 291169    | 5.68%  | 0.173% |
| 332                     | 21.299 | 21.272 | 21.346 | VV  | 13236 | 559353    | 10.91% | 0.333% |
| 333                     | 21.354 | 21.346 | 21.362 | VBA | 12012 | 148529    | 2.90%  | 0.088% |
| Sum of corrected areas: |        |        |        |     |       | 167867215 |        |        |

Alaphatic EPH 080321.M Tue Aug 17 11:26:13 2021