

rteres

Instrument :

FID\_E

ClientSampleId :

SU-02-111022-EPH-2

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE11112  
 Data File : FE038752.D  
 Signal(s) : FID1B.ch  
 Acq On : 11 Nov 2022 19:19  
 Sample : N5580-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/14/2022  
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.M  
 Title : GC Extractables

Signal : FID1B.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         | 3.355       | 3.304        | 3.391      | BV       | 94             | 1067         | 0.01%          | 0.000%        |
| 2         | 3.399       | 3.391        | 3.414      | PV       | 78             | 508          | 0.00%          | 0.000%        |
| 3         | 3.429       | 3.414        | 3.464      | VV       | 112            | 1601         | 0.01%          | 0.001%        |
| 4         | 3.501       | 3.464        | 3.531      | VV       | 190            | 4237         | 0.03%          | 0.001%        |
| 5         | 3.554       | 3.531        | 3.601      | VV       | 151            | 3845         | 0.03%          | 0.001%        |
| 6         | 3.605       | 3.601        | 3.622      | VV       | 135            | 1035         | 0.01%          | 0.000%        |
| 7         | 3.642       | 3.622        | 3.661      | PV       | 133            | 1884         | 0.01%          | 0.001%        |
| 8         | 3.672       | 3.661        | 3.693      | VV       | 114            | 1673         | 0.01%          | 0.001%        |
| 9         | 3.712       | 3.693        | 3.724      | VV       | 226            | 2654         | 0.02%          | 0.001%        |
| 10        | 3.741       | 3.724        | 3.774      | VV       | 260            | 3534         | 0.03%          | 0.001%        |
| 11        | 3.805       | 3.774        | 3.886      | VV       | 401            | 13152        | 0.10%          | 0.004%        |
| 12        | 3.893       | 3.886        | 3.911      | VV       | 152            | 1282         | 0.01%          | 0.000%        |
| 13        | 3.942       | 3.911        | 3.971      | VV       | 414            | 8255         | 0.06%          | 0.003%        |
| 14        | 3.985       | 3.971        | 4.028      | VV       | 149            | 2986         | 0.02%          | 0.001%        |
| 15        | 4.059       | 4.028        | 4.120      | VV       | 337            | 8804         | 0.07%          | 0.003%        |
| 16        | 4.146       | 4.120        | 4.159      | VV       | 604            | 7097         | 0.06%          | 0.002%        |
| 17        | 4.173       | 4.159        | 4.186      | VV       | 496            | 6190         | 0.05%          | 0.002%        |
| 18        | 4.203       | 4.186        | 4.231      | VV       | 802            | 10597        | 0.08%          | 0.003%        |
| 19        | 4.247       | 4.231        | 4.262      | VV       | 180            | 2327         | 0.02%          | 0.001%        |
| 20        | 4.272       | 4.262        | 4.287      | VV       | 159            | 1536         | 0.01%          | 0.000%        |
| 21        | 4.369       | 4.287        | 4.414      | VV       | 353            | 13983        | 0.11%          | 0.004%        |
| 22        | 4.424       | 4.414        | 4.488      | VV       | 170            | 4383         | 0.03%          | 0.001%        |
| 23        | 4.511       | 4.488        | 4.519      | VV       | 110            | 1583         | 0.01%          | 0.001%        |
| 24        | 4.562       | 4.519        | 4.581      | VV       | 175            | 3761         | 0.03%          | 0.001%        |
| 25        | 4.607       | 4.581        | 4.637      | VV       | 216            | 4019         | 0.03%          | 0.001%        |
| 26        | 4.654       | 4.637        | 4.674      | VV       | 128            | 2446         | 0.02%          | 0.001%        |
| 27        | 4.682       | 4.674        | 4.704      | VV       | 208            | 2704         | 0.02%          | 0.001%        |
| 28        | 4.718       | 4.704        | 4.741      | VV       | 203            | 3264         | 0.03%          | 0.001%        |
| 29        | 4.749       | 4.741        | 4.758      | VV       | 152            | 1173         | 0.01%          | 0.000%        |
| 30        | 4.779       | 4.758        | 4.804      | VV       | 361            | 7829         | 0.06%          | 0.003%        |
| 31        | 4.837       | 4.804        | 4.954      | VV       | 943            | 41270        | 0.32%          | 0.013%        |
| 32        | 4.976       | 4.954        | 5.018      | VV       | 328            | 9633         | 0.08%          | 0.003%        |
| 33        | 5.023       | 5.018        | 5.038      | VV       | 241            | 1996         | 0.02%          | 0.001%        |
| 34        | 5.050       | 5.038        | 5.061      | VV       | 250            | 3025         | 0.02%          | 0.001%        |
| 35        | 5.070       | 5.061        | 5.111      | VV       | 205            | 5212         | 0.04%          | 0.002%        |
| 36        | 5.118       | 5.111        | 5.154      | VV       | 292            | 4908         | 0.04%          | 0.002%        |

|    |       |       |       |    | retention |       |       |        |
|----|-------|-------|-------|----|-----------|-------|-------|--------|
| 37 | 5.163 | 5.154 | 5.189 | VV | 205       | 2828  | 0.02% | 0.001% |
| 38 | 5.195 | 5.189 | 5.203 | VV | 147       | 1022  | 0.02% | 0.001% |
| 39 | 5.221 | 5.203 | 5.245 | VV | 223       | 3394  | 0.02% | 0.001% |
| 40 | 5.310 | 5.245 | 5.344 | VV | 327       | 7393  | 0.02% | 0.001% |
| 41 | 5.360 | 5.344 | 5.378 | VV | 154       | 1255  | 0.02% | 0.001% |
| 42 | 5.391 | 5.378 | 5.408 | VV | 104       | 1432  | 0.02% | 0.001% |
| 43 | 5.427 | 5.408 | 5.464 | VV | 242       | 3392  | 0.03% | 0.001% |
| 44 | 5.486 | 5.464 | 5.511 | PV | 128       | 2104  | 0.02% | 0.001% |
| 45 | 5.547 | 5.511 | 5.574 | PV | 305       | 5595  | 0.04% | 0.002% |
| 46 | 5.608 | 5.574 | 5.641 | VV | 583       | 9836  | 0.08% | 0.003% |
| 47 | 5.648 | 5.641 | 5.702 | VV | 159       | 3736  | 0.03% | 0.001% |
| 48 | 5.707 | 5.702 | 5.718 | VV | 105       | 585   | 0.00% | 0.000% |
| 49 | 5.743 | 5.718 | 5.787 | VV | 428       | 9742  | 0.08% | 0.003% |
| 50 | 5.809 | 5.787 | 5.835 | VV | 524       | 7230  | 0.06% | 0.002% |
| 51 | 5.855 | 5.835 | 5.904 | VV | 191       | 3736  | 0.03% | 0.001% |
| 52 | 5.928 | 5.904 | 5.961 | VV | 552       | 7556  | 0.06% | 0.002% |
| 53 | 5.992 | 5.961 | 6.023 | VV | 642       | 9671  | 0.08% | 0.003% |
| 54 | 6.049 | 6.023 | 6.107 | VV | 342       | 9407  | 0.07% | 0.003% |
| 55 | 6.137 | 6.107 | 6.158 | VV | 897       | 11783 | 0.09% | 0.004% |
| 56 | 6.167 | 6.158 | 6.194 | VV | 389       | 4567  | 0.04% | 0.001% |
| 57 | 6.219 | 6.194 | 6.243 | VV | 161       | 2871  | 0.02% | 0.001% |
| 58 | 6.276 | 6.243 | 6.291 | VV | 289       | 4520  | 0.04% | 0.001% |
| 59 | 6.316 | 6.291 | 6.357 | VV | 1734      | 24616 | 0.19% | 0.008% |
| 60 | 6.385 | 6.357 | 6.443 | VV | 6688      | 94453 | 0.74% | 0.030% |
| 61 | 6.480 | 6.443 | 6.491 | VV | 478       | 10568 | 0.08% | 0.003% |
| 62 | 6.498 | 6.491 | 6.528 | VV | 262       | 4553  | 0.04% | 0.001% |
| 63 | 6.571 | 6.528 | 6.588 | VV | 271       | 6205  | 0.05% | 0.002% |
| 64 | 6.606 | 6.588 | 6.634 | VV | 270       | 5302  | 0.04% | 0.002% |
| 65 | 6.645 | 6.634 | 6.671 | VV | 280       | 4622  | 0.04% | 0.001% |
| 66 | 6.696 | 6.671 | 6.708 | VV | 313       | 5745  | 0.05% | 0.002% |
| 67 | 6.725 | 6.708 | 6.756 | VV | 1264      | 20087 | 0.16% | 0.006% |
| 68 | 6.771 | 6.756 | 6.830 | VV | 935       | 15524 | 0.12% | 0.005% |
| 69 | 6.882 | 6.830 | 6.894 | VV | 270       | 7109  | 0.06% | 0.002% |
| 70 | 6.924 | 6.894 | 6.950 | VV | 821       | 12407 | 0.10% | 0.004% |
| 71 | 6.967 | 6.950 | 7.017 | VV | 511       | 9593  | 0.08% | 0.003% |
| 72 | 7.054 | 7.017 | 7.073 | VV | 284       | 5437  | 0.04% | 0.002% |
| 73 | 7.103 | 7.073 | 7.129 | PV | 331       | 6835  | 0.05% | 0.002% |
| 74 | 7.179 | 7.129 | 7.208 | VV | 543       | 12072 | 0.09% | 0.004% |
| 75 | 7.252 | 7.208 | 7.268 | VV | 706       | 10091 | 0.08% | 0.003% |
| 76 | 7.303 | 7.268 | 7.328 | VV | 584       | 14945 | 0.12% | 0.005% |
| 77 | 7.348 | 7.328 | 7.378 | VV | 2080      | 24714 | 0.19% | 0.008% |
| 78 | 7.408 | 7.378 | 7.424 | VV | 1021      | 16137 | 0.13% | 0.005% |
| 79 | 7.441 | 7.424 | 7.468 | VV | 1019      | 13379 | 0.11% | 0.004% |
| 80 | 7.491 | 7.468 | 7.531 | VV | 1280      | 18516 | 0.15% | 0.006% |
| 81 | 7.547 | 7.531 | 7.571 | VV | 1055      | 11939 | 0.09% | 0.004% |
| 82 | 7.593 | 7.571 | 7.612 | VV | 486       | 7365  | 0.06% | 0.002% |
| 83 | 7.717 | 7.612 | 7.751 | VV | 826       | 30096 | 0.24% | 0.010% |
| 84 | 7.767 | 7.751 | 7.795 | VV | 294       | 6435  | 0.05% | 0.002% |
| 85 | 7.805 | 7.795 | 7.824 | VV | 247       | 2734  | 0.02% | 0.001% |
| 86 | 7.865 | 7.824 | 7.879 | VV | 912       | 13043 | 0.10% | 0.004% |
| 87 | 7.903 | 7.879 | 7.928 | VV | 1143      | 19975 | 0.16% | 0.006% |
| 88 | 7.938 | 7.928 | 7.956 | VV | 194       | 2402  | 0.02% | 0.001% |
| 89 | 7.974 | 7.956 | 7.998 | VV | 896       | 11484 | 0.09% | 0.004% |

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|     |        |        |        |    |      |       |       |        |
|-----|--------|--------|--------|----|------|-------|-------|--------|
| 90  | 8.094  | 8.078  | 8.114  | VV | 1056 | 14710 | 0.12% | 0.005% |
| 91  | 8.146  | 8.114  | 8.159  | VV | 1718 | 26478 |       |        |
| 92  | 8.173  | 8.159  | 8.188  | VV | 2059 | 24018 |       |        |
| 93  | 8.198  | 8.188  | 8.226  | VV | 1235 | 15909 |       |        |
| 94  | 8.243  | 8.226  | 8.265  | VV | 496  | 7981  |       |        |
| 95  | 8.298  | 8.265  | 8.321  | VV | 610  | 14108 |       |        |
| 96  | 8.331  | 8.321  | 8.371  | VV | 683  | 16536 | 0.13% | 0.005% |
| 97  | 8.417  | 8.371  | 8.458  | VV | 2427 | 50477 | 0.40% | 0.016% |
| 98  | 8.550  | 8.458  | 8.568  | VV | 2437 | 80787 | 0.64% | 0.026% |
| 99  | 8.595  | 8.568  | 8.624  | VV | 1822 | 41991 | 0.33% | 0.013% |
| 100 | 8.657  | 8.624  | 8.678  | VV | 2195 | 34234 | 0.27% | 0.011% |
| 101 | 8.709  | 8.678  | 8.744  | VV | 6752 | 94459 | 0.74% | 0.030% |
| 102 | 8.776  | 8.744  | 8.809  | VV | 1551 | 36543 | 0.29% | 0.012% |
| 103 | 8.825  | 8.809  | 8.854  | VV | 891  | 14117 | 0.11% | 0.005% |
| 104 | 9.007  | 8.984  | 9.029  | VV | 3793 | 49278 | 0.39% | 0.016% |
| 105 | 9.052  | 9.029  | 9.078  | VV | 1345 | 34658 | 0.27% | 0.011% |
| 106 | 9.086  | 9.078  | 9.110  | VV | 1343 | 23517 | 0.18% | 0.008% |
| 107 | 9.137  | 9.110  | 9.155  | VV | 2564 | 44285 | 0.35% | 0.014% |
| 108 | 9.167  | 9.155  | 9.190  | VV | 1546 | 24472 | 0.19% | 0.008% |
| 109 | 9.214  | 9.190  | 9.228  | VV | 1030 | 21455 | 0.17% | 0.007% |
| 110 | 9.245  | 9.228  | 9.264  | VV | 1596 | 23926 | 0.19% | 0.008% |
| 111 | 9.282  | 9.264  | 9.295  | VV | 3383 | 39762 | 0.31% | 0.013% |
| 112 | 9.305  | 9.295  | 9.318  | VV | 2032 | 24344 | 0.19% | 0.008% |
| 113 | 9.330  | 9.318  | 9.388  | VV | 2287 | 54187 | 0.43% | 0.017% |
| 114 | 9.422  | 9.388  | 9.440  | VV | 2743 | 45337 | 0.36% | 0.015% |
| 115 | 9.457  | 9.440  | 9.487  | VV | 1750 | 35188 | 0.28% | 0.011% |
| 116 | 9.500  | 9.487  | 9.537  | VV | 1289 | 26055 | 0.20% | 0.008% |
| 117 | 9.563  | 9.537  | 9.593  | VV | 1239 | 27172 | 0.21% | 0.009% |
| 118 | 9.607  | 9.593  | 9.644  | VV | 837  | 14935 | 0.12% | 0.005% |
| 119 | 9.676  | 9.644  | 9.698  | VV | 1401 | 27612 | 0.22% | 0.009% |
| 120 | 9.712  | 9.698  | 9.730  | VV | 983  | 14129 | 0.11% | 0.005% |
| 121 | 9.748  | 9.730  | 9.772  | VV | 1776 | 24926 | 0.20% | 0.008% |
| 122 | 9.798  | 9.772  | 9.836  | VV | 6515 | 98737 | 0.78% | 0.032% |
| 123 | 9.874  | 9.836  | 9.908  | VV | 3509 | 56987 | 0.45% | 0.018% |
| 124 | 9.941  | 9.908  | 9.964  | VV | 1101 | 25287 | 0.20% | 0.008% |
| 125 | 9.979  | 9.964  | 9.991  | VV | 886  | 11639 | 0.09% | 0.004% |
| 126 | 10.015 | 9.991  | 10.061 | VV | 3491 | 52427 | 0.41% | 0.017% |
| 127 | 10.071 | 10.061 | 10.091 | VV | 639  | 8849  | 0.07% | 0.003% |
| 128 | 10.113 | 10.091 | 10.128 | VV | 2988 | 36272 | 0.29% | 0.012% |
| 129 | 10.143 | 10.128 | 10.181 | VV | 2779 | 43916 | 0.35% | 0.014% |
| 130 | 10.204 | 10.181 | 10.267 | VV | 2738 | 52508 | 0.41% | 0.017% |
| 131 | 10.308 | 10.267 | 10.343 | VV | 555  | 15094 | 0.12% | 0.005% |
| 132 | 10.378 | 10.343 | 10.406 | PV | 450  | 7965  | 0.06% | 0.003% |
| 133 | 10.417 | 10.406 | 10.426 | VV | 124  | 1042  | 0.01% | 0.000% |
| 134 | 10.479 | 10.426 | 10.517 | PV | 249  | 7454  | 0.06% | 0.002% |
| 135 | 10.543 | 10.517 | 10.564 | VV | 1058 | 15917 | 0.13% | 0.005% |
| 136 | 10.590 | 10.564 | 10.616 | VV | 4205 | 58400 | 0.46% | 0.019% |
| 137 | 10.646 | 10.616 | 10.661 | VV | 1041 | 21066 | 0.17% | 0.007% |
| 138 | 10.678 | 10.661 | 10.703 | VV | 1501 | 24680 | 0.19% | 0.008% |
| 139 | 10.722 | 10.703 | 10.761 | VV | 1276 | 24157 | 0.19% | 0.008% |
| 140 | 10.798 | 10.761 | 10.834 | VV | 1842 | 36550 | 0.29% | 0.012% |
| 141 | 10.851 | 10.834 | 10.888 | VV | 1144 | 26586 | 0.21% | 0.009% |

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|     |        |        |        |    | rters  |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.912 | 10.888 | 10.924 | VV | 1605   | 22639   | 0.18%  | 0.007% |
| 143 | 10.942 | 10.924 | 10.979 | VV | 2969   | 49938   |        |        |
| 144 | 11.011 | 10.979 | 11.031 | VV | 3254   | 59720   |        |        |
| 145 | 11.044 | 11.031 | 11.111 | VV | 2201   | 38534   |        |        |
| 146 | 11.165 | 11.111 | 11.179 | PV | 2893   | 39261   |        |        |
| 147 | 11.201 | 11.179 | 11.245 | VV | 17686  | 210664  |        |        |
| 148 | 11.276 | 11.245 | 11.321 | VV | 9642   | 120025  | 0.94%  | 0.038% |
| 149 | 11.333 | 11.321 | 11.378 | VV | 747    | 17886   | 0.14%  | 0.006% |
| 150 | 11.416 | 11.378 | 11.434 | VV | 431    | 10436   | 0.08%  | 0.003% |
| 151 | 11.450 | 11.434 | 11.466 | VV | 534    | 6355    | 0.05%  | 0.002% |
| 152 | 11.489 | 11.466 | 11.531 | VV | 3936   | 49344   | 0.39%  | 0.016% |
| 153 | 11.576 | 11.531 | 11.611 | PV | 1167   | 27664   | 0.22%  | 0.009% |
| 154 | 11.646 | 11.611 | 11.685 | VV | 3137   | 59029   | 0.46%  | 0.019% |
| 155 | 11.693 | 11.685 | 11.704 | VV | 670    | 6983    | 0.05%  | 0.002% |
| 156 | 11.731 | 11.704 | 11.768 | VV | 3009   | 56739   | 0.45%  | 0.018% |
| 157 | 11.803 | 11.768 | 11.821 | PV | 738    | 11290   | 0.09%  | 0.004% |
| 158 | 11.839 | 11.821 | 11.868 | VV | 2642   | 38174   | 0.30%  | 0.012% |
| 159 | 11.891 | 11.868 | 11.921 | VV | 2717   | 40387   | 0.32%  | 0.013% |
| 160 | 11.967 | 11.921 | 12.019 | VV | 353461 | 3892653 | 30.60% | 1.246% |
| 161 | 12.035 | 12.019 | 12.070 | VV | 4267   | 54068   | 0.43%  | 0.017% |
| 162 | 12.120 | 12.070 | 12.139 | PV | 3922   | 71411   | 0.56%  | 0.023% |
| 163 | 12.154 | 12.139 | 12.167 | VV | 2805   | 34702   | 0.27%  | 0.011% |
| 164 | 12.183 | 12.167 | 12.221 | VV | 3219   | 48577   | 0.38%  | 0.016% |
| 165 | 12.249 | 12.221 | 12.277 | VV | 867    | 16864   | 0.13%  | 0.005% |
| 166 | 12.315 | 12.277 | 12.336 | PV | 2645   | 44083   | 0.35%  | 0.014% |
| 167 | 12.366 | 12.336 | 12.389 | VV | 23231  | 284141  | 2.23%  | 0.091% |
| 168 | 12.406 | 12.389 | 12.438 | VV | 4003   | 52562   | 0.41%  | 0.017% |
| 169 | 12.469 | 12.438 | 12.494 | VV | 2746   | 42132   | 0.33%  | 0.013% |
| 170 | 12.509 | 12.494 | 12.517 | VV | 453    | 5351    | 0.04%  | 0.002% |
| 171 | 12.558 | 12.517 | 12.630 | VV | 17412  | 231125  | 1.82%  | 0.074% |
| 172 | 12.649 | 12.630 | 12.666 | VV | 1390   | 18734   | 0.15%  | 0.006% |
| 173 | 12.684 | 12.666 | 12.704 | VV | 1163   | 18713   | 0.15%  | 0.006% |
| 174 | 12.725 | 12.704 | 12.739 | VV | 1032   | 16439   | 0.13%  | 0.005% |
| 175 | 12.795 | 12.739 | 12.829 | VV | 1857   | 48329   | 0.38%  | 0.015% |
| 176 | 12.855 | 12.829 | 12.878 | VV | 1572   | 24978   | 0.20%  | 0.008% |
| 177 | 12.903 | 12.878 | 12.924 | VV | 3977   | 55337   | 0.44%  | 0.018% |
| 178 | 12.956 | 12.924 | 12.991 | VV | 3736   | 77154   | 0.61%  | 0.025% |
| 179 | 13.021 | 12.991 | 13.066 | VV | 35707  | 393304  | 3.09%  | 0.126% |
| 180 | 13.077 | 13.066 | 13.092 | VV | 319    | 3311    | 0.03%  | 0.001% |
| 181 | 13.156 | 13.092 | 13.193 | VV | 1761   | 46763   | 0.37%  | 0.015% |
| 182 | 13.208 | 13.193 | 13.244 | VV | 1589   | 31506   | 0.25%  | 0.010% |
| 183 | 13.262 | 13.244 | 13.291 | VV | 953    | 16580   | 0.13%  | 0.005% |
| 184 | 13.319 | 13.291 | 13.340 | PV | 31142  | 349818  | 2.75%  | 0.112% |
| 185 | 13.352 | 13.340 | 13.361 | VV | 5866   | 60019   | 0.47%  | 0.019% |
| 186 | 13.401 | 13.361 | 13.424 | VV | 270342 | 4677978 | 36.78% | 1.497% |
| 187 | 13.442 | 13.424 | 13.466 | VV | 83899  | 985095  | 7.74%  | 0.315% |
| 188 | 13.476 | 13.466 | 13.543 | VV | 5875   | 107227  | 0.84%  | 0.034% |
| 189 | 13.576 | 13.543 | 13.597 | PV | 7505   | 115708  | 0.91%  | 0.037% |
| 190 | 13.620 | 13.597 | 13.674 | VV | 17279  | 252606  | 1.99%  | 0.081% |
| 191 | 13.684 | 13.674 | 13.700 | VV | 582    | 8315    | 0.07%  | 0.003% |
| 192 | 13.746 | 13.700 | 13.765 | VV | 6125   | 90821   | 0.71%  | 0.029% |
| 193 | 13.786 | 13.765 | 13.858 | VV | 3178   | 65829   | 0.52%  | 0.021% |
| 194 | 13.909 | 13.858 | 13.941 | VV | 6841   | 110519  | 0.87%  | 0.035% |

Instrument :

FID\_E

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SU-02-111022-EPH-2

Manual IntegrationsAPPROVED

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Supervised By :Ankita Jodhani 11/14/2022

|     |        |        |        |    |       |        |       |        |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 195 | 13.977 | 13.941 | 13.992 | VV | 1088  | 20582  | 0.16% | 0.007% |
| 196 | 14.016 | 13.992 | 14.038 | VV | 4272  | 58249  |       |        |
| 197 | 14.057 | 14.038 | 14.078 | VV | 3517  | 44677  |       |        |
| 198 | 14.102 | 14.078 | 14.124 | VV | 1841  | 30318  |       |        |
| 199 | 14.153 | 14.124 | 14.171 | VV | 3864  | 63135  |       |        |
| 200 | 14.186 | 14.171 | 14.208 | VV | 3951  | 55579  |       |        |
| 201 | 14.226 | 14.208 | 14.247 | VV | 2929  | 36265  | 0.29% | 0.012% |
| 202 | 14.270 | 14.247 | 14.282 | VV | 740   | 12553  | 0.10% | 0.004% |
| 203 | 14.301 | 14.282 | 14.320 | VV | 693   | 10005  | 0.08% | 0.003% |
| 204 | 14.385 | 14.320 | 14.411 | PV | 662   | 18173  | 0.14% | 0.006% |
| 205 | 14.451 | 14.411 | 14.475 | VV | 1106  | 27788  | 0.22% | 0.009% |
| 206 | 14.495 | 14.475 | 14.504 | PV | 477   | 5308   | 0.04% | 0.002% |
| 207 | 14.541 | 14.504 | 14.560 | VV | 1853  | 30518  | 0.24% | 0.010% |
| 208 | 14.624 | 14.560 | 14.690 | VV | 4235  | 172688 | 1.36% | 0.055% |
| 209 | 14.717 | 14.690 | 14.738 | VV | 4783  | 72852  | 0.57% | 0.023% |
| 210 | 14.771 | 14.738 | 14.794 | VV | 3350  | 70371  | 0.55% | 0.023% |
| 211 | 14.821 | 14.794 | 14.864 | VV | 4739  | 107450 | 0.84% | 0.034% |
| 212 | 14.886 | 14.864 | 14.908 | VV | 6176  | 87903  | 0.69% | 0.028% |
| 213 | 14.943 | 14.908 | 14.964 | VV | 3089  | 73725  | 0.58% | 0.024% |
| 214 | 14.980 | 14.964 | 14.991 | VV | 1552  | 22534  | 0.18% | 0.007% |
| 215 | 15.008 | 14.991 | 15.029 | VV | 2017  | 37603  | 0.30% | 0.012% |
| 216 | 15.091 | 15.029 | 15.122 | VV | 4198  | 122081 | 0.96% | 0.039% |
| 217 | 15.152 | 15.122 | 15.165 | VV | 3024  | 55265  | 0.43% | 0.018% |
| 218 | 15.196 | 15.165 | 15.216 | VV | 21486 | 306201 | 2.41% | 0.098% |
| 219 | 15.238 | 15.216 | 15.277 | VV | 24010 | 365424 | 2.87% | 0.117% |
| 220 | 15.288 | 15.277 | 15.317 | VV | 1777  | 36727  | 0.29% | 0.012% |
| 221 | 15.358 | 15.317 | 15.418 | VV | 5870  | 158705 | 1.25% | 0.051% |
| 222 | 15.433 | 15.418 | 15.475 | VV | 1720  | 37196  | 0.29% | 0.012% |
| 223 | 15.507 | 15.475 | 15.525 | VV | 1807  | 35463  | 0.28% | 0.011% |
| 224 | 15.538 | 15.525 | 15.601 | VV | 1496  | 31085  | 0.24% | 0.010% |
| 225 | 15.679 | 15.601 | 15.754 | VV | 4964  | 159400 | 1.25% | 0.051% |
| 226 | 15.778 | 15.754 | 15.812 | PV | 4896  | 84721  | 0.67% | 0.027% |
| 227 | 15.869 | 15.812 | 15.891 | VV | 4992  | 106957 | 0.84% | 0.034% |
| 228 | 15.909 | 15.891 | 15.931 | PV | 2327  | 29491  | 0.23% | 0.009% |
| 229 | 15.955 | 15.931 | 15.968 | VV | 1450  | 17312  | 0.14% | 0.006% |
| 230 | 16.031 | 15.968 | 16.058 | VV | 3879  | 114746 | 0.90% | 0.037% |
| 231 | 16.107 | 16.058 | 16.131 | VV | 2423  | 72759  | 0.57% | 0.023% |
| 232 | 16.199 | 16.131 | 16.209 | VV | 3842  | 131102 | 1.03% | 0.042% |
| 233 | 16.235 | 16.209 | 16.246 | VV | 3926  | 84108  | 0.66% | 0.027% |
| 234 | 16.278 | 16.246 | 16.328 | VV | 7835  | 251208 | 1.97% | 0.080% |
| 235 | 16.346 | 16.328 | 16.354 | VV | 4261  | 64633  | 0.51% | 0.021% |
| 236 | 16.376 | 16.354 | 16.388 | VV | 4579  | 85740  | 0.67% | 0.027% |
| 237 | 16.401 | 16.388 | 16.428 | VV | 4387  | 98496  | 0.77% | 0.032% |
| 238 | 16.480 | 16.428 | 16.504 | VV | 5875  | 228229 | 1.79% | 0.073% |
| 239 | 16.511 | 16.504 | 16.519 | VV | 4904  | 41021  | 0.32% | 0.013% |
| 240 | 16.542 | 16.519 | 16.550 | VV | 5417  | 91158  | 0.72% | 0.029% |
| 241 | 16.577 | 16.550 | 16.604 | VV | 6071  | 182152 | 1.43% | 0.058% |
| 242 | 16.688 | 16.604 | 16.728 | VV | 9966  | 455624 | 3.58% | 0.146% |
| 243 | 16.756 | 16.728 | 16.776 | VV | 37262 | 587956 | 4.62% | 0.188% |
| 244 | 16.783 | 16.776 | 16.816 | VV | 16770 | 227898 | 1.79% | 0.073% |
| 245 | 16.840 | 16.816 | 16.858 | VV | 4984  | 110860 | 0.87% | 0.035% |
| 246 | 16.886 | 16.858 | 16.911 | VV | 9676  | 196320 | 1.54% | 0.063% |

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| rteres |        |        |        |    |        |          |         |        |  |
|--------|--------|--------|--------|----|--------|----------|---------|--------|--|
| 247    | 16.941 | 16.911 | 16.954 | VV | 5532   | 135883   | 1.07%   | 0.043% |  |
| 248    | 16.982 | 16.954 | 16.994 | VV | 6003   | 131106   |         |        |  |
| 249    | 17.076 | 16.994 | 17.104 | VV | 21594  | 709732   |         |        |  |
| 250    | 17.134 | 17.104 | 17.161 | VV | 30281  | 558296   |         |        |  |
| 251    | 17.232 | 17.161 | 17.258 | VV | 19908  | 759414   |         |        |  |
| 252    | 17.276 | 17.258 | 17.317 | VV | 16812  | 505918   |         |        |  |
| 253    | 17.401 | 17.317 | 17.424 | VV | 14107  | 864193   | 6.79%   | 0.277% |  |
| 254    | 17.450 | 17.424 | 17.461 | VV | 14659  | 307336   | 2.42%   | 0.098% |  |
| 255    | 17.495 | 17.461 | 17.524 | VV | 16394  | 576602   | 4.53%   | 0.185% |  |
| 256    | 17.560 | 17.524 | 17.584 | VV | 15783  | 532518   | 4.19%   | 0.170% |  |
| 257    | 17.677 | 17.584 | 17.704 | VV | 37043  | 1457319  | 11.46%  | 0.467% |  |
| 258    | 17.724 | 17.704 | 17.767 | VV | 18654  | 653040   | 5.13%   | 0.209% |  |
| 259    | 17.793 | 17.767 | 17.824 | VV | 28654  | 747772   | 5.88%   | 0.239% |  |
| 260    | 17.908 | 17.824 | 17.921 | VV | 20536  | 1137568  | 8.94%   | 0.364% |  |
| 261    | 17.948 | 17.921 | 17.968 | VV | 33036  | 722780   | 5.68%   | 0.231% |  |
| 262    | 18.017 | 17.968 | 18.038 | VV | 25719  | 1011795  | 7.95%   | 0.324% |  |
| 263    | 18.115 | 18.038 | 18.149 | VV | 38765  | 2006195  | 15.77%  | 0.642% |  |
| 264    | 18.206 | 18.149 | 18.227 | VV | 38608  | 1569165  | 12.34%  | 0.502% |  |
| 265    | 18.269 | 18.227 | 18.334 | VV | 41599  | 2364539  | 18.59%  | 0.757% |  |
| 266    | 18.352 | 18.334 | 18.380 | VV | 34904  | 935737   | 7.36%   | 0.300% |  |
| 267    | 18.413 | 18.380 | 18.424 | VV | 38838  | 951190   | 7.48%   | 0.304% |  |
| 268    | 18.442 | 18.424 | 18.460 | VV | 42735  | 852288   | 6.70%   | 0.273% |  |
| 269    | 18.505 | 18.460 | 18.517 | VV | 56932  | 1581157  | 12.43%  | 0.506% |  |
| 270    | 18.538 | 18.517 | 18.572 | VV | 77014  | 1887872  | 14.84%  | 0.604% |  |
| 271    | 18.588 | 18.572 | 18.605 | VV | 44526  | 863142   | 6.79%   | 0.276% |  |
| 272    | 18.636 | 18.605 | 18.654 | VV | 54295  | 1435537  | 11.29%  | 0.460% |  |
| 273    | 18.665 | 18.654 | 18.684 | VV | 48487  | 817410   | 6.43%   | 0.262% |  |
| 274    | 18.715 | 18.684 | 18.737 | VV | 45916  | 1428916  | 11.23%  | 0.457% |  |
| 275    | 18.761 | 18.737 | 18.783 | VV | 65581  | 1486992  | 11.69%  | 0.476% |  |
| 276    | 18.802 | 18.783 | 18.830 | VV | 52724  | 1427925  | 11.23%  | 0.457% |  |
| 277    | 18.894 | 18.830 | 18.912 | VV | 57187  | 2568693  | 20.19%  | 0.822% |  |
| 278    | 18.946 | 18.912 | 18.967 | VV | 65788  | 1968284  | 15.47%  | 0.630% |  |
| 279    | 19.051 | 18.967 | 19.068 | VV | 78959  | 4053527  | 31.87%  | 1.298% |  |
| 280    | 19.077 | 19.068 | 19.098 | VV | 74889  | 1292079  | 10.16%  | 0.414% |  |
| 281    | 19.128 | 19.098 | 19.158 | VV | 71180  | 2460853  | 19.35%  | 0.788% |  |
| 282    | 19.202 | 19.158 | 19.214 | VV | 75003  | 2444250  | 19.22%  | 0.782% |  |
| 283    | 19.315 | 19.214 | 19.332 | VV | 116261 | 6355491  | 49.96%  | 2.034% |  |
| 284    | 19.344 | 19.332 | 19.404 | VV | 106775 | 4225433  | 33.22%  | 1.353% |  |
| 285    | 19.482 | 19.404 | 19.516 | VV | 140388 | 6921235  | 54.41%  | 2.216% |  |
| 286    | 19.544 | 19.516 | 19.565 | VV | 92011  | 2656219  | 20.88%  | 0.850% |  |
| 287    | 19.613 | 19.565 | 19.688 | VV | 113248 | 7125651  | 56.02%  | 2.281% |  |
| 288    | 19.772 | 19.688 | 19.783 | VV | 111499 | 5655278  | 44.46%  | 1.810% |  |
| 289    | 19.799 | 19.783 | 19.825 | VV | 115472 | 2735637  | 21.51%  | 0.876% |  |
| 290    | 19.855 | 19.825 | 19.874 | VV | 112240 | 3236503  | 25.44%  | 1.036% |  |
| 291    | 19.886 | 19.874 | 19.897 | VV | 112170 | 1498725  | 11.78%  | 0.480% |  |
| 292    | 19.920 | 19.897 | 19.964 | VV | 124475 | 4746284  | 37.31%  | 1.519% |  |
| 293    | 20.088 | 19.964 | 20.134 | VV | 148536 | 12719900 | 100.00% | 4.072% |  |
| 294    | 20.165 | 20.134 | 20.182 | VV | 135473 | 3717226  | 29.22%  | 1.190% |  |
| 295    | 20.204 | 20.182 | 20.221 | VV | 139234 | 3152742  | 24.79%  | 1.009% |  |
| 296    | 20.261 | 20.221 | 20.273 | VV | 139394 | 4222843  | 33.20%  | 1.352% |  |
| 297    | 20.283 | 20.273 | 20.309 | VV | 139152 | 2890355  | 22.72%  | 0.925% |  |
| 298    | 20.319 | 20.309 | 20.335 | VV | 132126 | 2007353  | 15.78%  | 0.643% |  |
| 299    | 20.390 | 20.335 | 20.404 | VV | 145869 | 5696233  | 44.78%  | 1.823% |  |

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|                         |        |        |        |     |        |         | Instrument : FID_E                  |        |
|-------------------------|--------|--------|--------|-----|--------|---------|-------------------------------------|--------|
|                         |        |        |        |     |        |         | ClientSampleId : SU-02-111022-EPH-2 |        |
| rteres                  |        |        |        |     |        |         | Manual Integrat                     |        |
| 300                     | 20.436 | 20.404 | 20.447 | VV  | 150305 | 3729551 | 29.32%                              | 1.194% |
| 301                     | 20.468 | 20.447 | 20.479 | VV  | 156374 | 2881831 | 22.10%                              | 0.677% |
| 302                     | 20.524 | 20.479 | 20.545 | VV  | 162858 | 6167526 | 48.10%                              | 2.822% |
| 303                     | 20.563 | 20.545 | 20.581 | VV  | 161040 | 3466274 | 27.10%                              | 0.900% |
| 304                     | 20.606 | 20.581 | 20.618 | VV  | 163775 | 3527500 | 27.10%                              | 1.440% |
| 305                     | 20.639 | 20.618 | 20.665 | VV  | 168245 | 4641669 | 36.37%                              | 1.777% |
| 306                     | 20.675 | 20.665 | 20.688 | VV  | 164193 | 2209513 | 17.37%                              | 0.707% |
| 307                     | 20.690 | 20.688 | 20.710 | VV  | 163163 | 2115881 | 16.63%                              | 0.677% |
| 308                     | 20.789 | 20.710 | 20.799 | VV  | 169926 | 8815480 | 69.30%                              | 2.822% |
| 309                     | 20.818 | 20.799 | 20.827 | VV  | 169150 | 2811018 | 22.10%                              | 0.900% |
| 310                     | 20.836 | 20.827 | 20.872 | VV  | 170439 | 4499652 | 35.37%                              | 1.440% |
| 311                     | 20.898 | 20.872 | 20.909 | VV  | 170673 | 3677995 | 28.92%                              | 1.177% |
| 312                     | 20.971 | 20.909 | 20.993 | VV  | 179255 | 8739392 | 68.71%                              | 2.798% |
| 313                     | 21.001 | 20.993 | 21.020 | VV  | 178183 | 2822760 | 22.19%                              | 0.904% |
| 314                     | 21.032 | 21.020 | 21.088 | VV  | 170934 | 6754558 | 53.10%                              | 2.162% |
| 315                     | 21.114 | 21.088 | 21.131 | VV  | 166328 | 4325872 | 34.01%                              | 1.385% |
| 316                     | 21.141 | 21.131 | 21.155 | VV  | 167159 | 2309310 | 18.16%                              | 0.739% |
| 317                     | 21.177 | 21.155 | 21.191 | VV  | 162700 | 3469030 | 27.27%                              | 1.110% |
| 318                     | 21.201 | 21.191 | 21.212 | VV  | 158657 | 2000711 | 15.73%                              | 0.640% |
| 319                     | 21.221 | 21.212 | 21.247 | VV  | 155780 | 3235312 | 25.44%                              | 1.036% |
| 320                     | 21.299 | 21.247 | 21.312 | VV  | 163850 | 6165585 | 48.47%                              | 1.974% |
| 321                     | 21.371 | 21.312 | 21.393 | VV  | 167502 | 7967549 | 62.64%                              | 2.551% |
| 322                     | 21.403 | 21.393 | 21.498 | VV  | 164617 | 9585599 | 75.36%                              | 3.068% |
| 323                     | 21.506 | 21.498 | 21.521 | VV  | 144058 | 2017078 | 15.86%                              | 0.646% |
| 324                     | 21.569 | 21.521 | 21.577 | VV  | 144787 | 4689879 | 36.87%                              | 1.501% |
| 325                     | 21.612 | 21.577 | 21.621 | VV  | 151700 | 3950284 | 31.06%                              | 1.265% |
| 326                     | 21.652 | 21.621 | 21.679 | VV  | 156543 | 5392347 | 42.39%                              | 1.726% |
| 327                     | 21.690 | 21.679 | 21.737 | VV  | 158026 | 5243200 | 41.22%                              | 1.678% |
| 328                     | 21.757 | 21.737 | 21.818 | VV  | 152797 | 7068953 | 55.57%                              | 2.263% |
| 329                     | 21.901 | 21.818 | 21.913 | VV  | 141244 | 7862026 | 61.81%                              | 2.517% |
| 330                     | 21.923 | 21.913 | 21.946 | VV  | 142232 | 2716901 | 21.36%                              | 0.870% |
| 331                     | 21.963 | 21.946 | 21.975 | VV  | 137296 | 2367572 | 18.61%                              | 0.758% |
| 332                     | 22.009 | 21.975 | 22.024 | VV  | 138218 | 3971720 | 31.22%                              | 1.271% |
| 333                     | 22.087 | 22.024 | 22.112 | VV  | 146244 | 7445641 | 58.54%                              | 2.383% |
| 334                     | 22.126 | 22.112 | 22.201 | VBA | 147242 | 7715796 | 60.66%                              | 2.470% |
| Sum of corrected areas: |        |        |        |     |        |         | 312387836                           |        |