

Instrument :

FID\_D

ClientSampleId :

5MSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/20/2022

Supervised By :mohammad ahmed 04/20/2022

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD04192  
 Data File : FD042005.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Apr 2022 23:01  
 Sample : N2447-07MSD  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 032222.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         | 3.104       | 3.038        | 3.201      | BV       | 875164         | 7250628      | 78.63%         | 2.207%        |
| 2         | 3.214       | 3.201        | 3.258      | VV       | 1119           | 23451        | 0.25%          | 0.007%        |
| 3         | 3.269       | 3.258        | 3.313      | VV       | 544            | 12496        | 0.14%          | 0.004%        |
| 4         | 3.325       | 3.313        | 3.340      | VV       | 433            | 4075         | 0.04%          | 0.001%        |
| 5         | 3.351       | 3.340        | 3.376      | VV       | 459            | 6894         | 0.07%          | 0.002%        |
| 6         | 3.386       | 3.376        | 3.445      | VV       | 535            | 10887        | 0.12%          | 0.003%        |
| 7         | 3.458       | 3.445        | 3.498      | PV       | 152            | 2431         | 0.03%          | 0.001%        |
| 8         | 3.518       | 3.498        | 3.597      | PV       | 162            | 2892         | 0.03%          | 0.001%        |
| 9         | 3.607       | 3.597        | 3.731      | VV       | 196            | 5057         | 0.05%          | 0.002%        |
| 10        | 3.755       | 3.731        | 3.857      | PV       | 4263           | 46095        | 0.50%          | 0.014%        |
| 11        | 3.880       | 3.857        | 3.891      | PV       | 158            | 1785         | 0.02%          | 0.001%        |
| 12        | 3.913       | 3.891        | 3.949      | VV       | 898            | 15700        | 0.17%          | 0.005%        |
| 13        | 3.963       | 3.949        | 4.022      | VV       | 505            | 10048        | 0.11%          | 0.003%        |
| 14        | 4.045       | 4.022        | 4.066      | PV       | 220            | 3290         | 0.04%          | 0.001%        |
| 15        | 4.082       | 4.066        | 4.099      | VV       | 159            | 1400         | 0.02%          | 0.000%        |
| 16        | 4.139       | 4.099        | 4.154      | PV       | 873546         | 7699351      | 83.50%         | 2.344%        |
| 17        | 4.171       | 4.154        | 4.275      | VV       | 935262         | 8660138      | 93.92%         | 2.637%        |
| 18        | 4.292       | 4.275        | 4.351      | VV       | 2434           | 81311        | 0.88%          | 0.025%        |
| 19        | 4.363       | 4.351        | 4.399      | VV       | 1575           | 35031        | 0.38%          | 0.011%        |
| 20        | 4.413       | 4.399        | 4.442      | VV       | 1102           | 22198        | 0.24%          | 0.007%        |
| 21        | 4.455       | 4.442        | 4.485      | VV       | 694            | 15431        | 0.17%          | 0.005%        |
| 22        | 4.502       | 4.485        | 4.548      | VV       | 569            | 15646        | 0.17%          | 0.005%        |
| 23        | 4.583       | 4.548        | 4.681      | VV       | 431            | 17493        | 0.19%          | 0.005%        |
| 24        | 4.701       | 4.681        | 4.748      | VV       | 269            | 6746         | 0.07%          | 0.002%        |
| 25        | 4.771       | 4.748        | 4.788      | VV       | 272            | 4542         | 0.05%          | 0.001%        |
| 26        | 4.798       | 4.788        | 4.827      | VV       | 306            | 4691         | 0.05%          | 0.001%        |
| 27        | 4.847       | 4.827        | 4.877      | VV       | 280            | 3594         | 0.04%          | 0.001%        |
| 28        | 4.891       | 4.877        | 4.906      | VV       | 281            | 2766         | 0.03%          | 0.001%        |
| 29        | 4.916       | 4.906        | 4.931      | VV       | 92             | 1156         | 0.01%          | 0.000%        |
| 30        | 4.939       | 4.931        | 4.957      | VV       | 124            | 1455         | 0.02%          | 0.000%        |
| 31        | 4.977       | 4.957        | 5.016      | VV       | 815            | 11961        | 0.13%          | 0.004%        |
| 32        | 5.033       | 5.016        | 5.078      | VV       | 384            | 6748         | 0.07%          | 0.002%        |
| 33        | 5.110       | 5.078        | 5.126      | VV       | 197            | 3311         | 0.04%          | 0.001%        |
| 34        | 5.156       | 5.126        | 5.221      | PV       | 2833           | 39053        | 0.42%          | 0.012%        |
| 35        | 5.238       | 5.221        | 5.246      | VV       | 211            | 1979         | 0.02%          | 0.001%        |
| 36        | 5.261       | 5.246        | 5.281      | VV       | 158            | 2635         | 0.03%          | 0.001%        |

|    |       |       |       |    | rters  |         |        |        |  |
|----|-------|-------|-------|----|--------|---------|--------|--------|--|
| 37 | 5.289 | 5.281 | 5.321 | VV | 182    | 2477    | 0.03%  | 0.001% |  |
| 38 | 5.330 | 5.321 | 5.365 | VV | 128    | 1823    |        |        |  |
| 39 | 5.368 | 5.365 | 5.384 | VV | 129    | 825     |        |        |  |
| 40 | 5.398 | 5.384 | 5.414 | VV | 163    | 1734    |        |        |  |
| 41 | 5.428 | 5.414 | 5.484 | PV | 176    | 3991    |        |        |  |
| 42 | 5.498 | 5.484 | 5.555 | PV | 147    | 2948    |        |        |  |
| 43 | 5.566 | 5.555 | 5.586 | VV | 72     | 1331    | 0.01%  | 0.000% |  |
| 44 | 5.597 | 5.586 | 5.621 | VV | 124    | 1331    | 0.01%  | 0.000% |  |
| 45 | 5.645 | 5.621 | 5.653 | PV | 162    | 1609    | 0.02%  | 0.000% |  |
| 46 | 5.681 | 5.653 | 5.835 | VV | 821767 | 8593426 | 93.19% | 2.616% |  |
| 47 | 5.857 | 5.835 | 5.985 | VV | 5957   | 177537  | 1.93%  | 0.054% |  |
| 48 | 5.998 | 5.985 | 6.090 | VV | 1020   | 49778   | 0.54%  | 0.015% |  |
| 49 | 6.125 | 6.090 | 6.252 | VV | 772831 | 7833319 | 84.95% | 2.385% |  |
| 50 | 6.270 | 6.252 | 6.335 | VV | 1083   | 31917   | 0.35%  | 0.010% |  |
| 51 | 6.347 | 6.335 | 6.418 | VV | 498    | 18058   | 0.20%  | 0.005% |  |
| 52 | 6.431 | 6.418 | 6.505 | VV | 477    | 12700   | 0.14%  | 0.004% |  |
| 53 | 6.517 | 6.505 | 6.568 | VV | 157    | 3190    | 0.03%  | 0.001% |  |
| 54 | 6.580 | 6.568 | 6.601 | VV | 188    | 1559    | 0.02%  | 0.000% |  |
| 55 | 6.645 | 6.601 | 6.693 | VV | 1500   | 28706   | 0.31%  | 0.009% |  |
| 56 | 6.726 | 6.693 | 6.918 | VV | 750372 | 8291937 | 89.92% | 2.524% |  |
| 57 | 6.924 | 6.918 | 7.021 | VV | 1892   | 90386   | 0.98%  | 0.028% |  |
| 58 | 7.038 | 7.021 | 7.091 | VV | 3047   | 60274   | 0.65%  | 0.018% |  |
| 59 | 7.098 | 7.091 | 7.151 | VV | 865    | 21521   | 0.23%  | 0.007% |  |
| 60 | 7.158 | 7.151 | 7.185 | VV | 470    | 8629    | 0.09%  | 0.003% |  |
| 61 | 7.205 | 7.185 | 7.231 | VV | 524    | 10926   | 0.12%  | 0.003% |  |
| 62 | 7.239 | 7.231 | 7.275 | VV | 336    | 7138    | 0.08%  | 0.002% |  |
| 63 | 7.305 | 7.275 | 7.326 | VV | 436    | 9771    | 0.11%  | 0.003% |  |
| 64 | 7.344 | 7.326 | 7.375 | VV | 377    | 8511    | 0.09%  | 0.003% |  |
| 65 | 7.394 | 7.375 | 7.428 | VV | 350    | 8278    | 0.09%  | 0.003% |  |
| 66 | 7.459 | 7.428 | 7.478 | VV | 636    | 12734   | 0.14%  | 0.004% |  |
| 67 | 7.493 | 7.478 | 7.537 | VV | 659    | 16797   | 0.18%  | 0.005% |  |
| 68 | 7.552 | 7.537 | 7.574 | VV | 459    | 6644    | 0.07%  | 0.002% |  |
| 69 | 7.597 | 7.574 | 7.628 | VV | 1308   | 17001   | 0.18%  | 0.005% |  |
| 70 | 7.652 | 7.628 | 7.695 | VV | 1285   | 17540   | 0.19%  | 0.005% |  |
| 71 | 7.720 | 7.695 | 7.741 | VV | 772    | 11392   | 0.12%  | 0.003% |  |
| 72 | 7.757 | 7.741 | 7.769 | VV | 435    | 5949    | 0.06%  | 0.002% |  |
| 73 | 7.775 | 7.769 | 7.787 | VV | 367    | 3692    | 0.04%  | 0.001% |  |
| 74 | 7.805 | 7.787 | 7.832 | VV | 543    | 9460    | 0.10%  | 0.003% |  |
| 75 | 7.847 | 7.832 | 7.857 | VV | 301    | 3717    | 0.04%  | 0.001% |  |
| 76 | 7.902 | 7.857 | 7.957 | VV | 731508 | 7715865 | 83.68% | 2.349% |  |
| 77 | 7.988 | 7.957 | 8.228 | VV | 736650 | 7852597 | 85.16% | 2.391% |  |
| 78 | 8.282 | 8.228 | 8.415 | VV | 794108 | 8326216 | 90.30% | 2.535% |  |
| 79 | 8.425 | 8.415 | 8.514 | VV | 2142   | 69443   | 0.75%  | 0.021% |  |
| 80 | 8.527 | 8.514 | 8.584 | VV | 730    | 24446   | 0.27%  | 0.007% |  |
| 81 | 8.623 | 8.584 | 8.687 | VV | 1097   | 43531   | 0.47%  | 0.013% |  |
| 82 | 8.715 | 8.687 | 8.832 | VV | 2017   | 45195   | 0.49%  | 0.014% |  |
| 83 | 8.848 | 8.832 | 8.888 | PV | 128    | 2909    | 0.03%  | 0.001% |  |
| 84 | 8.904 | 8.888 | 8.931 | VV | 228    | 4253    | 0.05%  | 0.001% |  |
| 85 | 8.940 | 8.931 | 8.981 | VV | 73     | 1113    | 0.01%  | 0.000% |  |
| 86 | 8.991 | 8.981 | 8.999 | VV | 117    | 560     | 0.01%  | 0.000% |  |
| 87 | 9.006 | 8.999 | 9.015 | PV | 49     | 331     | 0.00%  | 0.000% |  |
| 88 | 9.060 | 9.015 | 9.208 | PV | 703322 | 7905352 | 85.73% | 2.407% |  |
| 89 | 9.217 | 9.208 | 9.243 | VV | 2141   | 40265   | 0.44%  | 0.012% |  |

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|     |        |        |        |    | retention |         |        |        |
|-----|--------|--------|--------|----|-----------|---------|--------|--------|
| 90  | 9.266  | 9.243  | 9.367  | VV | 4166      | 138654  | 1.50%  | 0.042% |
| 91  | 9.380  | 9.367  | 9.393  | VV | 775       | 10671   |        |        |
| 92  | 9.425  | 9.393  | 9.448  | VV | 1081      | 26663   |        |        |
| 93  | 9.487  | 9.448  | 9.603  | VV | 679896    | 7642878 | 82.45% | 2.283% |
| 94  | 9.624  | 9.603  | 9.708  | VV | 603       | 23899   |        |        |
| 95  | 9.736  | 9.708  | 9.761  | VV | 633       | 10667   |        |        |
| 96  | 9.773  | 9.761  | 9.806  | VV | 246       | 5508    | 0.06%  | 0.002% |
| 97  | 9.816  | 9.806  | 9.832  | VV | 304       | 3672    | 0.04%  | 0.001% |
| 98  | 9.855  | 9.832  | 9.883  | VV | 397       | 9331    | 0.10%  | 0.003% |
| 99  | 9.912  | 9.883  | 9.952  | VV | 387       | 10665   | 0.12%  | 0.003% |
| 100 | 9.959  | 9.952  | 10.032 | VV | 199       | 4120    | 0.04%  | 0.001% |
| 101 | 10.086 | 10.032 | 10.117 | VV | 1635      | 30087   | 0.33%  | 0.009% |
| 102 | 10.132 | 10.117 | 10.158 | VV | 289       | 5071    | 0.05%  | 0.002% |
| 103 | 10.179 | 10.158 | 10.191 | PV | 710       | 9038    | 0.10%  | 0.003% |
| 104 | 10.216 | 10.191 | 10.232 | VV | 2031      | 29566   | 0.32%  | 0.009% |
| 105 | 10.249 | 10.232 | 10.319 | VV | 7834      | 186533  | 2.02%  | 0.057% |
| 106 | 10.333 | 10.319 | 10.386 | VV | 1512      | 26241   | 0.28%  | 0.008% |
| 107 | 10.446 | 10.386 | 10.494 | VV | 659057    | 7418512 | 80.45% | 2.259% |
| 108 | 10.522 | 10.494 | 10.707 | VV | 604781    | 7498706 | 81.32% | 2.283% |
| 109 | 10.720 | 10.707 | 10.752 | VV | 2032      | 45626   | 0.49%  | 0.014% |
| 110 | 10.769 | 10.752 | 10.822 | VV | 1564      | 41994   | 0.46%  | 0.013% |
| 111 | 10.850 | 10.822 | 10.875 | VV | 1588      | 38910   | 0.42%  | 0.012% |
| 112 | 10.918 | 10.875 | 10.988 | VV | 663834    | 7745946 | 84.00% | 2.358% |
| 113 | 11.008 | 10.988 | 11.058 | VV | 2225      | 65577   | 0.71%  | 0.020% |
| 114 | 11.065 | 11.058 | 11.084 | VV | 1175      | 14754   | 0.16%  | 0.004% |
| 115 | 11.105 | 11.084 | 11.128 | VV | 1917      | 25632   | 0.28%  | 0.008% |
| 116 | 11.155 | 11.128 | 11.182 | VV | 4170      | 52809   | 0.57%  | 0.016% |
| 117 | 11.215 | 11.182 | 11.294 | VV | 553550    | 6122360 | 66.40% | 1.864% |
| 118 | 11.309 | 11.294 | 11.359 | VV | 1686      | 48219   | 0.52%  | 0.015% |
| 119 | 11.376 | 11.359 | 11.403 | VV | 1110      | 21378   | 0.23%  | 0.007% |
| 120 | 11.430 | 11.403 | 11.452 | VV | 1869      | 28152   | 0.31%  | 0.009% |
| 121 | 11.467 | 11.452 | 11.495 | VV | 561       | 9700    | 0.11%  | 0.003% |
| 122 | 11.516 | 11.495 | 11.548 | VV | 284       | 3640    | 0.04%  | 0.001% |
| 123 | 11.580 | 11.548 | 11.598 | PV | 1451      | 23593   | 0.26%  | 0.007% |
| 124 | 11.612 | 11.598 | 11.656 | VV | 1283      | 33168   | 0.36%  | 0.010% |
| 125 | 11.699 | 11.656 | 11.728 | VV | 4367      | 96170   | 1.04%  | 0.029% |
| 126 | 11.752 | 11.728 | 11.812 | VV | 8724      | 214969  | 2.33%  | 0.065% |
| 127 | 11.837 | 11.812 | 11.968 | VV | 38606     | 681635  | 7.39%  | 0.208% |
| 128 | 11.991 | 11.968 | 12.016 | VV | 2054      | 40288   | 0.44%  | 0.012% |
| 129 | 12.044 | 12.016 | 12.085 | VV | 2731      | 60251   | 0.65%  | 0.018% |
| 130 | 12.150 | 12.085 | 12.167 | VV | 2100      | 65796   | 0.71%  | 0.020% |
| 131 | 12.219 | 12.167 | 12.233 | VV | 592475    | 7229606 | 78.40% | 2.201% |
| 132 | 12.249 | 12.233 | 12.406 | VV | 584035    | 7142826 | 77.46% | 2.175% |
| 133 | 12.411 | 12.406 | 12.423 | VV | 1046      | 9931    | 0.11%  | 0.003% |
| 134 | 12.445 | 12.423 | 12.471 | VV | 4069      | 63899   | 0.69%  | 0.019% |
| 135 | 12.484 | 12.471 | 12.506 | VV | 1425      | 24622   | 0.27%  | 0.007% |
| 136 | 12.543 | 12.506 | 12.600 | VV | 586161    | 7051860 | 76.48% | 2.147% |
| 137 | 12.654 | 12.600 | 12.784 | VV | 382654    | 4686816 | 50.83% | 1.427% |
| 138 | 12.825 | 12.784 | 12.877 | VV | 585905    | 7056376 | 76.52% | 2.148% |
| 139 | 12.901 | 12.877 | 13.030 | VV | 9439      | 371788  | 4.03%  | 0.113% |
| 140 | 13.066 | 13.030 | 13.153 | VV | 6622      | 182113  | 1.97%  | 0.055% |
| 141 | 13.177 | 13.153 | 13.215 | VV | 1593      | 40553   | 0.44%  | 0.012% |

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Supervised By :mohammad ahmed 04/20/2022

|     |        |        |        |    | rters  |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 13.245 | 13.215 | 13.262 | VV | 2496   | 41551   | 0.45%  | 0.013% |
| 143 | 13.274 | 13.262 | 13.298 | VV | 1512   | 27804   |        |        |
| 144 | 13.317 | 13.298 | 13.335 | VV | 1284   | 22781   |        |        |
| 145 | 13.357 | 13.335 | 13.370 | VV | 1341   | 23333   |        |        |
| 146 | 13.408 | 13.370 | 13.478 | VV | 561626 | 6883229 | 74.48% | 2.035% |
| 147 | 13.504 | 13.478 | 13.539 | VV | 872    | 16424   |        |        |
| 148 | 13.560 | 13.539 | 13.572 | VV | 342    | 4474    | 0.05%  | 0.001% |
| 149 | 13.584 | 13.572 | 13.609 | VV | 351    | 6043    | 0.07%  | 0.002% |
| 150 | 13.628 | 13.609 | 13.679 | VV | 571    | 11151   | 0.12%  | 0.003% |
| 151 | 13.696 | 13.679 | 13.712 | PV | 160    | 1792    | 0.02%  | 0.001% |
| 152 | 13.756 | 13.712 | 13.776 | VV | 2147   | 35718   | 0.39%  | 0.011% |
| 153 | 13.798 | 13.776 | 13.808 | VV | 3123   | 42065   | 0.46%  | 0.013% |
| 154 | 13.830 | 13.808 | 13.928 | VV | 11155  | 236538  | 2.57%  | 0.072% |
| 155 | 13.962 | 13.928 | 13.986 | VV | 6223   | 91082   | 0.99%  | 0.028% |
| 156 | 14.000 | 13.986 | 14.030 | VV | 1692   | 25219   | 0.27%  | 0.008% |
| 157 | 14.083 | 14.030 | 14.115 | VV | 1320   | 46380   | 0.50%  | 0.014% |
| 158 | 14.125 | 14.115 | 14.176 | VV | 799    | 16337   | 0.18%  | 0.005% |
| 159 | 14.242 | 14.176 | 14.297 | VV | 2339   | 56907   | 0.62%  | 0.017% |
| 160 | 14.354 | 14.297 | 14.375 | PV | 886    | 22656   | 0.25%  | 0.007% |
| 161 | 14.413 | 14.375 | 14.433 | VV | 550644 | 6683408 | 72.48% | 2.035% |
| 162 | 14.456 | 14.433 | 14.477 | VV | 526910 | 6543383 | 70.96% | 1.992% |
| 163 | 14.503 | 14.477 | 14.642 | VV | 525525 | 7274827 | 78.89% | 2.215% |
| 164 | 14.647 | 14.642 | 14.668 | VV | 1050   | 13658   | 0.15%  | 0.004% |
| 165 | 14.684 | 14.668 | 14.728 | VV | 863    | 23762   | 0.26%  | 0.007% |
| 166 | 14.740 | 14.728 | 14.782 | VV | 683    | 13355   | 0.14%  | 0.004% |
| 167 | 14.808 | 14.782 | 14.828 | VV | 535    | 11940   | 0.13%  | 0.004% |
| 168 | 14.875 | 14.828 | 14.957 | VV | 44355  | 732212  | 7.94%  | 0.223% |
| 169 | 14.971 | 14.957 | 14.990 | VV | 1041   | 15461   | 0.17%  | 0.005% |
| 170 | 15.017 | 14.990 | 15.042 | VV | 7375   | 108836  | 1.18%  | 0.033% |
| 171 | 15.063 | 15.042 | 15.095 | VV | 5374   | 78022   | 0.85%  | 0.024% |
| 172 | 15.113 | 15.095 | 15.128 | VV | 579    | 7891    | 0.09%  | 0.002% |
| 173 | 15.139 | 15.128 | 15.167 | VV | 242    | 3015    | 0.03%  | 0.001% |
| 174 | 15.221 | 15.167 | 15.244 | PV | 509    | 13519   | 0.15%  | 0.004% |
| 175 | 15.294 | 15.244 | 15.342 | VV | 796    | 30465   | 0.33%  | 0.009% |
| 176 | 15.345 | 15.342 | 15.355 | VV | 485    | 3200    | 0.03%  | 0.001% |
| 177 | 15.395 | 15.355 | 15.445 | VV | 2754   | 63481   | 0.69%  | 0.019% |
| 178 | 15.519 | 15.445 | 15.555 | VV | 487245 | 6566868 | 71.22% | 1.999% |
| 179 | 15.577 | 15.555 | 15.621 | VV | 2777   | 39803   | 0.43%  | 0.012% |
| 180 | 15.630 | 15.621 | 15.642 | VV | 201    | 1501    | 0.02%  | 0.000% |
| 181 | 15.672 | 15.642 | 15.738 | PV | 1690   | 40498   | 0.44%  | 0.012% |
| 182 | 15.795 | 15.738 | 15.842 | VV | 961    | 25826   | 0.28%  | 0.008% |
| 183 | 15.885 | 15.842 | 15.925 | VV | 16666  | 297452  | 3.23%  | 0.091% |
| 184 | 15.964 | 15.925 | 15.979 | VV | 511186 | 6961118 | 75.49% | 2.119% |
| 185 | 15.997 | 15.979 | 16.105 | VV | 565512 | 7414190 | 80.41% | 2.257% |
| 186 | 16.138 | 16.105 | 16.231 | VV | 2905   | 135308  | 1.47%  | 0.041% |
| 187 | 16.259 | 16.231 | 16.268 | VV | 2599   | 42197   | 0.46%  | 0.013% |
| 188 | 16.288 | 16.268 | 16.304 | VV | 5409   | 78626   | 0.85%  | 0.024% |
| 189 | 16.338 | 16.304 | 16.421 | VV | 440982 | 6461430 | 70.07% | 1.967% |
| 190 | 16.461 | 16.421 | 16.514 | VV | 481265 | 6670074 | 72.34% | 2.031% |
| 191 | 16.532 | 16.514 | 16.594 | VV | 9159   | 200738  | 2.18%  | 0.061% |
| 192 | 16.627 | 16.594 | 16.640 | VV | 1970   | 53464   | 0.58%  | 0.016% |
| 193 | 16.657 | 16.640 | 16.710 | VV | 2593   | 81357   | 0.88%  | 0.025% |
| 194 | 16.755 | 16.710 | 16.790 | VV | 3683   | 119683  | 1.30%  | 0.036% |

Instrument :

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Supervised By :mohammad ahmed 04/20/2022

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 16.821 | 16.790 | 16.871 | VV | 20788  | 434113  | 4.71%  | 0.132% |
| 196 | 16.903 | 16.871 | 16.938 | VV | 16898  | 320085  |        |        |
| 197 | 16.986 | 16.938 | 17.015 | VV | 4182   | 144431  |        |        |
| 198 | 17.040 | 17.015 | 17.067 | VV | 2749   | 77147   |        |        |
| 199 | 17.090 | 17.067 | 17.121 | VV | 4697   | 109610  |        |        |
| 200 | 17.147 | 17.121 | 17.170 | VV | 2716   | 73602   |        |        |
| 201 | 17.196 | 17.170 | 17.208 | VV | 3569   | 68458   | 0.74%  | 0.021% |
| 202 | 17.233 | 17.208 | 17.248 | VV | 5183   | 103932  | 1.13%  | 0.032% |
| 203 | 17.269 | 17.248 | 17.283 | VV | 5716   | 110673  | 1.20%  | 0.034% |
| 204 | 17.346 | 17.283 | 17.407 | VV | 451194 | 6727187 | 72.95% | 2.048% |
| 205 | 17.429 | 17.407 | 17.454 | VV | 14807  | 275821  | 2.99%  | 0.084% |
| 206 | 17.473 | 17.454 | 17.480 | VV | 6980   | 98132   | 1.06%  | 0.030% |
| 207 | 17.504 | 17.480 | 17.520 | VV | 7801   | 168799  | 1.83%  | 0.051% |
| 208 | 17.537 | 17.520 | 17.575 | VV | 8265   | 197355  | 2.14%  | 0.060% |
| 209 | 17.633 | 17.575 | 17.652 | VV | 11770  | 319140  | 3.46%  | 0.097% |
| 210 | 17.708 | 17.652 | 17.724 | VV | 506372 | 7451369 | 80.81% | 2.269% |
| 211 | 17.744 | 17.724 | 17.835 | VV | 517487 | 7817478 | 84.78% | 2.380% |
| 212 | 17.852 | 17.835 | 17.918 | VV | 11871  | 494888  | 5.37%  | 0.151% |
| 213 | 17.960 | 17.918 | 18.091 | VV | 479343 | 7919264 | 85.88% | 2.411% |
| 214 | 18.118 | 18.091 | 18.135 | VV | 16067  | 355846  | 3.86%  | 0.108% |
| 215 | 18.171 | 18.135 | 18.225 | VV | 475026 | 7053994 | 76.50% | 2.148% |
| 216 | 18.263 | 18.225 | 18.307 | VV | 22645  | 699763  | 7.59%  | 0.213% |
| 217 | 18.321 | 18.307 | 18.368 | VV | 11500  | 359718  | 3.90%  | 0.110% |
| 218 | 18.399 | 18.368 | 18.422 | VV | 21704  | 454658  | 4.93%  | 0.138% |
| 219 | 18.438 | 18.422 | 18.454 | VV | 12342  | 219062  | 2.38%  | 0.067% |
| 220 | 18.486 | 18.454 | 18.501 | VV | 42715  | 772363  | 8.38%  | 0.235% |
| 221 | 18.517 | 18.501 | 18.546 | VV | 43600  | 936834  | 10.16% | 0.285% |
| 222 | 18.560 | 18.546 | 18.629 | VV | 27394  | 941766  | 10.21% | 0.287% |
| 223 | 18.666 | 18.629 | 18.721 | VV | 16682  | 763317  | 8.28%  | 0.232% |
| 224 | 18.754 | 18.721 | 18.772 | VV | 17909  | 448924  | 4.87%  | 0.137% |
| 225 | 18.791 | 18.772 | 18.808 | VV | 16213  | 327409  | 3.55%  | 0.100% |
| 226 | 18.823 | 18.808 | 18.845 | VV | 14801  | 294938  | 3.20%  | 0.090% |
| 227 | 18.857 | 18.845 | 18.875 | VV | 11445  | 202741  | 2.20%  | 0.062% |
| 228 | 18.951 | 18.875 | 19.027 | VV | 445239 | 7318614 | 79.37% | 2.228% |
| 229 | 19.051 | 19.027 | 19.074 | VV | 17805  | 440245  | 4.77%  | 0.134% |
| 230 | 19.086 | 19.074 | 19.108 | VV | 15407  | 308989  | 3.35%  | 0.094% |
| 231 | 19.125 | 19.108 | 19.145 | VV | 14517  | 306070  | 3.32%  | 0.093% |
| 232 | 19.177 | 19.145 | 19.211 | VV | 18631  | 643608  | 6.98%  | 0.196% |
| 233 | 19.243 | 19.211 | 19.271 | VV | 23861  | 690269  | 7.49%  | 0.210% |
| 234 | 19.317 | 19.271 | 19.375 | VV | 22843  | 1199346 | 13.01% | 0.365% |
| 235 | 19.433 | 19.375 | 19.455 | VV | 17529  | 820127  | 8.89%  | 0.250% |
| 236 | 19.477 | 19.455 | 19.493 | VV | 17268  | 385404  | 4.18%  | 0.117% |
| 237 | 19.521 | 19.493 | 19.533 | VV | 19514  | 435560  | 4.72%  | 0.133% |
| 238 | 19.575 | 19.533 | 19.629 | VV | 34612  | 1300673 | 14.11% | 0.396% |
| 239 | 19.686 | 19.629 | 19.732 | VV | 415437 | 7059077 | 76.55% | 2.149% |
| 240 | 19.760 | 19.732 | 19.773 | VV | 20891  | 504979  | 5.48%  | 0.154% |
| 241 | 19.820 | 19.773 | 19.853 | VV | 27382  | 1101806 | 11.95% | 0.335% |
| 242 | 19.869 | 19.853 | 19.888 | VV | 21618  | 453194  | 4.91%  | 0.138% |
| 243 | 19.902 | 19.888 | 19.910 | VV | 21793  | 281237  | 3.05%  | 0.086% |
| 244 | 19.968 | 19.910 | 19.995 | VV | 24305  | 1170944 | 12.70% | 0.356% |
| 245 | 20.034 | 19.995 | 20.058 | VV | 26754  | 947710  | 10.28% | 0.289% |
| 246 | 20.073 | 20.058 | 20.111 | VV | 25591  | 795629  | 8.63%  | 0.242% |

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| rteres                  |        |        |        |     |           |         |         |        |  |
|-------------------------|--------|--------|--------|-----|-----------|---------|---------|--------|--|
| 247                     | 20.180 | 20.111 | 20.213 | VV  | 27825     | 1601903 | 17.37%  | 0.488% |  |
| 248                     | 20.261 | 20.213 | 20.273 | VV  | 28986     | 984957  | 10.00%  | 0.00%  |  |
| 249                     | 20.382 | 20.273 | 20.410 | VV  | 444176    | 9221049 | 100.00% | 0.00%  |  |
| 250                     | 20.460 | 20.410 | 20.605 | VV  | 155864    | 9089107 | 98.00%  | 0.00%  |  |
| 251                     | 20.610 | 20.605 | 20.678 | VV  | 33264     | 1404341 | 15.00%  | 0.00%  |  |
| 252                     | 20.742 | 20.678 | 20.785 | VV  | 34221     | 2029259 | 22.00%  | 0.00%  |  |
| 253                     | 20.844 | 20.785 | 20.898 | VV  | 31561     | 2102561 | 22.80%  | 0.640% |  |
| 254                     | 20.907 | 20.898 | 20.929 | VV  | 29802     | 551440  | 5.98%   | 0.168% |  |
| 255                     | 20.949 | 20.929 | 21.002 | VV  | 29508     | 1256548 | 13.63%  | 0.383% |  |
| 256                     | 21.023 | 21.002 | 21.081 | VV  | 28868     | 1349586 | 14.64%  | 0.411% |  |
| 257                     | 21.158 | 21.081 | 21.201 | VBA | 296911    | 7657241 | 83.04%  | 2.331% |  |
| Sum of corrected areas: |        |        |        |     | 328464782 |         |         |        |  |

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Aliphatic EPH 032222.M Wed Apr 20 10:51:18 2022