

Instrument :

FID\_E

ClientSampleId :

OK-01-91123

rteres

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE

Data File : FE044233.D

Signal(s) : FID1B.ch

Acq On : 12 Sep 2023 19:45

Sample : 04395-02

Misc :

ALS Vial : 29 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/13/2023  
Supervised By :Ankita Jodhani 09/13/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 083023.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         | 3.261       | 3.184        | 3.284      | BV       | 8448           | 84315        | 0.58%          | 0.040%        |
| 2         | 3.296       | 3.284        | 3.343      | VV       | 767            | 13617        | 0.09%          | 0.006%        |
| 3         | 3.355       | 3.343        | 3.398      | PV       | 231            | 4634         | 0.03%          | 0.002%        |
| 4         | 3.446       | 3.398        | 3.470      | PV       | 685            | 12139        | 0.08%          | 0.006%        |
| 5         | 3.497       | 3.470        | 3.518      | VV       | 790            | 14138        | 0.10%          | 0.007%        |
| 6         | 3.524       | 3.518        | 3.575      | VV       | 572            | 10446        | 0.07%          | 0.005%        |
| 7         | 3.594       | 3.575        | 3.614      | VV       | 399            | 6129         | 0.04%          | 0.003%        |
| 8         | 3.656       | 3.614        | 3.694      | VV       | 2606           | 38602        | 0.27%          | 0.018%        |
| 9         | 3.741       | 3.694        | 3.757      | VV       | 2243           | 40182        | 0.28%          | 0.019%        |
| 10        | 3.785       | 3.757        | 3.815      | VV       | 14228          | 154669       | 1.07%          | 0.073%        |
| 11        | 3.824       | 3.815        | 3.832      | VV       | 285            | 2767         | 0.02%          | 0.001%        |
| 12        | 3.845       | 3.832        | 3.877      | VV       | 362            | 6318         | 0.04%          | 0.003%        |
| 13        | 3.901       | 3.877        | 3.938      | VV       | 10309          | 99563        | 0.69%          | 0.047%        |
| 14        | 3.957       | 3.938        | 3.971      | VV       | 438            | 6039         | 0.04%          | 0.003%        |
| 15        | 3.991       | 3.971        | 4.001      | VV       | 1004           | 12185        | 0.08%          | 0.006%        |
| 16        | 4.011       | 4.001        | 4.038      | VV       | 882            | 16873        | 0.12%          | 0.008%        |
| 17        | 4.053       | 4.038        | 4.074      | VV       | 2693           | 30718        | 0.21%          | 0.014%        |
| 18        | 4.105       | 4.074        | 4.125      | VV       | 1203           | 25410        | 0.18%          | 0.012%        |
| 19        | 4.146       | 4.125        | 4.174      | VV       | 2579           | 34816        | 0.24%          | 0.016%        |
| 20        | 4.218       | 4.174        | 4.238      | VV       | 797            | 22194        | 0.15%          | 0.010%        |
| 21        | 4.281       | 4.238        | 4.321      | VV       | 3264           | 92477        | 0.64%          | 0.043%        |
| 22        | 4.332       | 4.321        | 4.364      | VV       | 1372           | 24872        | 0.17%          | 0.012%        |
| 23        | 4.379       | 4.364        | 4.422      | VV       | 695            | 18776        | 0.13%          | 0.009%        |
| 24        | 4.456       | 4.422        | 4.484      | VV       | 850            | 21987        | 0.15%          | 0.010%        |
| 25        | 4.510       | 4.484        | 4.534      | VV       | 864            | 18920        | 0.13%          | 0.009%        |
| 26        | 4.568       | 4.534        | 4.590      | VV       | 2874           | 43472        | 0.30%          | 0.020%        |
| 27        | 4.604       | 4.590        | 4.620      | VV       | 1032           | 13800        | 0.10%          | 0.006%        |
| 28        | 4.643       | 4.620        | 4.665      | VV       | 832            | 17079        | 0.12%          | 0.008%        |
| 29        | 4.678       | 4.665        | 4.711      | VV       | 506            | 7759         | 0.05%          | 0.004%        |
| 30        | 4.732       | 4.711        | 4.765      | VV       | 596            | 11357        | 0.08%          | 0.005%        |
| 31        | 4.785       | 4.765        | 4.812      | VV       | 754            | 11692        | 0.08%          | 0.005%        |

|    |       |       |       |    |      |       |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 32 | 4.821 | 4.812 | 4.833 | VV | 277  | 2676  | 0.02% | 0.001% |
| 33 | 4.851 | 4.833 | 4.866 | VV | 1117 | 1216  |       |        |
| 34 | 4.877 | 4.866 | 4.893 | VV | 775  | 771   |       |        |
| 35 | 4.932 | 4.893 | 4.958 | VV | 819  | 2009  |       |        |
| 36 | 4.985 | 4.958 | 4.999 | VV | 1199 | 1853  |       |        |
| 37 | 5.036 | 4.999 | 5.054 | VV | 1421 | 29766 | 0.21% | 0.014% |
| 38 | 5.077 | 5.054 | 5.121 | VV | 1482 | 31891 | 0.22% | 0.015% |
| 39 | 5.140 | 5.121 | 5.166 | VV | 1564 | 24358 | 0.17% | 0.011% |
| 40 | 5.182 | 5.166 | 5.208 | VV | 602  | 9489  | 0.07% | 0.004% |
| 41 | 5.246 | 5.208 | 5.253 | VV | 685  | 11897 | 0.08% | 0.006% |
| 42 | 5.274 | 5.253 | 5.301 | VV | 1250 | 23203 | 0.16% | 0.011% |
| 43 | 5.322 | 5.301 | 5.338 | VV | 1354 | 17468 | 0.12% | 0.008% |
| 44 | 5.351 | 5.338 | 5.368 | VV | 1094 | 13073 | 0.09% | 0.006% |
| 45 | 5.386 | 5.368 | 5.424 | VV | 1043 | 15583 | 0.11% | 0.007% |
| 46 | 5.447 | 5.424 | 5.461 | PV | 261  | 3540  | 0.02% | 0.002% |
| 47 | 5.507 | 5.461 | 5.527 | VV | 1330 | 23209 | 0.16% | 0.011% |
| 48 | 5.551 | 5.527 | 5.567 | VV | 1042 | 17489 | 0.12% | 0.008% |
| 49 | 5.581 | 5.567 | 5.600 | VV | 1044 | 13783 | 0.10% | 0.006% |
| 50 | 5.610 | 5.600 | 5.619 | VV | 446  | 4506  | 0.03% | 0.002% |
| 51 | 5.644 | 5.619 | 5.664 | VV | 688  | 11540 | 0.08% | 0.005% |
| 52 | 5.705 | 5.664 | 5.747 | VV | 4861 | 85146 | 0.59% | 0.040% |
| 53 | 5.764 | 5.747 | 5.789 | VV | 1549 | 22079 | 0.15% | 0.010% |
| 54 | 5.811 | 5.789 | 5.848 | VV | 932  | 22810 | 0.16% | 0.011% |
| 55 | 5.892 | 5.848 | 5.948 | VV | 2394 | 60567 | 0.42% | 0.028% |
| 56 | 5.970 | 5.948 | 5.980 | VV | 988  | 16138 | 0.11% | 0.008% |
| 57 | 5.996 | 5.980 | 6.040 | VV | 1971 | 49361 | 0.34% | 0.023% |
| 58 | 6.051 | 6.040 | 6.073 | VV | 794  | 13676 | 0.09% | 0.006% |
| 59 | 6.091 | 6.073 | 6.121 | VV | 2026 | 30651 | 0.21% | 0.014% |
| 60 | 6.136 | 6.121 | 6.158 | VV | 960  | 14975 | 0.10% | 0.007% |
| 61 | 6.181 | 6.158 | 6.200 | VV | 1055 | 15034 | 0.10% | 0.007% |
| 62 | 6.235 | 6.200 | 6.253 | VV | 1136 | 21946 | 0.15% | 0.010% |
| 63 | 6.273 | 6.253 | 6.324 | VV | 3312 | 60881 | 0.42% | 0.029% |
| 64 | 6.333 | 6.324 | 6.353 | VV | 1167 | 12644 | 0.09% | 0.006% |
| 65 | 6.379 | 6.353 | 6.397 | VV | 1257 | 19255 | 0.13% | 0.009% |
| 66 | 6.419 | 6.397 | 6.432 | VV | 1319 | 20258 | 0.14% | 0.010% |
| 67 | 6.444 | 6.432 | 6.491 | VV | 1425 | 31219 | 0.22% | 0.015% |
| 68 | 6.504 | 6.491 | 6.538 | VV | 1089 | 19153 | 0.13% | 0.009% |
| 69 | 6.566 | 6.538 | 6.591 | VV | 1486 | 28206 | 0.20% | 0.013% |
| 70 | 6.612 | 6.591 | 6.634 | VV | 571  | 11823 | 0.08% | 0.006% |
| 71 | 6.659 | 6.634 | 6.690 | VV | 1445 | 25220 | 0.17% | 0.012% |
| 72 | 6.734 | 6.690 | 6.785 | VV | 4772 | 66519 | 0.46% | 0.031% |
| 73 | 6.820 | 6.785 | 6.834 | VV | 460  | 8868  | 0.06% | 0.004% |
| 74 | 6.848 | 6.834 | 6.868 | VV | 678  | 10750 | 0.07% | 0.005% |
| 75 | 6.887 | 6.868 | 6.914 | VV | 1874 | 26363 | 0.18% | 0.012% |
| 76 | 6.931 | 6.914 | 6.950 | VV | 865  | 11656 | 0.08% | 0.005% |
| 77 | 6.960 | 6.950 | 6.974 | VV | 387  | 3560  | 0.02% | 0.002% |
| 78 | 7.017 | 6.974 | 7.038 | VV | 1478 | 21951 | 0.15% | 0.010% |
| 79 | 7.078 | 7.038 | 7.106 | VV | 933  | 21361 | 0.15% | 0.010% |

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|     |       |       |       |    |      |        |       |        |
|-----|-------|-------|-------|----|------|--------|-------|--------|
| 80  | 7.139 | 7.106 | 7.168 | VV | 3332 | 54039  | 0.37% | 0.025% |
| 81  | 7.179 | 7.168 | 7.193 | VV | 911  | 1046   |       |        |
| 82  | 7.211 | 7.193 | 7.229 | VV | 1673 | 2375   |       |        |
| 83  | 7.267 | 7.229 | 7.288 | VV | 2857 | 5951   |       |        |
| 84  | 7.306 | 7.288 | 7.334 | VV | 2352 | 3866   |       |        |
| 85  | 7.370 | 7.334 | 7.397 | VV | 2787 | 60831  | 0.42% | 0.029% |
| 86  | 7.413 | 7.397 | 7.433 | VV | 1373 | 21209  | 0.15% | 0.010% |
| 87  | 7.457 | 7.433 | 7.490 | VV | 2883 | 48879  | 0.34% | 0.023% |
| 88  | 7.507 | 7.490 | 7.531 | VV | 1287 | 20387  | 0.14% | 0.010% |
| 89  | 7.549 | 7.531 | 7.570 | VV | 1438 | 19513  | 0.14% | 0.009% |
| 90  | 7.582 | 7.570 | 7.614 | VV | 592  | 11290  | 0.08% | 0.005% |
| 91  | 7.681 | 7.614 | 7.706 | VV | 6197 | 115176 | 0.80% | 0.054% |
| 92  | 7.717 | 7.706 | 7.727 | VV | 937  | 9438   | 0.07% | 0.004% |
| 93  | 7.746 | 7.727 | 7.784 | VV | 828  | 21619  | 0.15% | 0.010% |
| 94  | 7.804 | 7.784 | 7.824 | VV | 384  | 7005   | 0.05% | 0.003% |
| 95  | 7.854 | 7.824 | 7.890 | VV | 2068 | 37730  | 0.26% | 0.018% |
| 96  | 7.909 | 7.890 | 7.930 | VV | 818  | 10663  | 0.07% | 0.005% |
| 97  | 7.951 | 7.930 | 7.960 | PV | 488  | 4544   | 0.03% | 0.002% |
| 98  | 8.109 | 8.078 | 8.129 | VV | 1802 | 42959  | 0.30% | 0.020% |
| 99  | 8.157 | 8.129 | 8.186 | VV | 1207 | 34754  | 0.24% | 0.016% |
| 100 | 8.206 | 8.186 | 8.226 | VV | 1377 | 20744  | 0.14% | 0.010% |
| 101 | 8.254 | 8.226 | 8.272 | VV | 1579 | 25000  | 0.17% | 0.012% |
| 102 | 8.290 | 8.272 | 8.300 | VV | 1723 | 20613  | 0.14% | 0.010% |
| 103 | 8.311 | 8.300 | 8.345 | VV | 1808 | 25858  | 0.18% | 0.012% |
| 104 | 8.380 | 8.345 | 8.420 | VV | 2199 | 44384  | 0.31% | 0.021% |
| 105 | 8.452 | 8.420 | 8.460 | VV | 1703 | 25502  | 0.18% | 0.012% |
| 106 | 8.472 | 8.460 | 8.498 | VV | 1655 | 33661  | 0.23% | 0.016% |
| 107 | 8.527 | 8.498 | 8.542 | VV | 3420 | 61719  | 0.43% | 0.029% |
| 108 | 8.561 | 8.542 | 8.589 | VV | 6939 | 99603  | 0.69% | 0.047% |
| 109 | 8.599 | 8.589 | 8.623 | VV | 1189 | 19284  | 0.13% | 0.009% |
| 110 | 8.667 | 8.623 | 8.686 | VV | 1712 | 42851  | 0.30% | 0.020% |
| 111 | 8.718 | 8.686 | 8.738 | VV | 1895 | 45025  | 0.31% | 0.021% |
| 112 | 8.750 | 8.738 | 8.764 | VV | 1251 | 15803  | 0.11% | 0.007% |
| 113 | 8.784 | 8.764 | 8.824 | VV | 1637 | 33511  | 0.23% | 0.016% |
| 114 | 8.921 | 8.911 | 8.947 | VV | 2956 | 53111  | 0.37% | 0.025% |
| 115 | 8.965 | 8.947 | 8.994 | VV | 3418 | 58795  | 0.41% | 0.028% |
| 116 | 9.014 | 8.994 | 9.032 | VV | 1820 | 35234  | 0.24% | 0.017% |
| 117 | 9.055 | 9.032 | 9.073 | VV | 1781 | 37433  | 0.26% | 0.018% |
| 118 | 9.101 | 9.073 | 9.138 | VV | 3023 | 60196  | 0.42% | 0.028% |
| 119 | 9.156 | 9.138 | 9.169 | VV | 1022 | 15211  | 0.11% | 0.007% |
| 120 | 9.186 | 9.169 | 9.198 | VV | 1205 | 16326  | 0.11% | 0.008% |
| 121 | 9.209 | 9.198 | 9.225 | VV | 1420 | 18561  | 0.13% | 0.009% |
| 122 | 9.243 | 9.225 | 9.266 | VV | 1463 | 24630  | 0.17% | 0.012% |
| 123 | 9.300 | 9.266 | 9.349 | VV | 2459 | 70812  | 0.49% | 0.033% |
| 124 | 9.388 | 9.349 | 9.456 | VV | 6727 | 116429 | 0.81% | 0.055% |
| 125 | 9.476 | 9.456 | 9.501 | VV | 856  | 14510  | 0.10% | 0.007% |
| 126 | 9.536 | 9.501 | 9.554 | VV | 1079 | 17263  | 0.12% | 0.008% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 127 | 9.569  | 9.554  | 9.603  | VV | 612    | 12598   | 0.09%  | 0.006% |
| 128 | 9.618  | 9.603  | 9.638  | VV | 713    | 1045    |        |        |
| 129 | 9.673  | 9.638  | 9.688  | VV | 1027   | 1726    |        |        |
| 130 | 9.712  | 9.688  | 9.735  | VV | 1414   | 2546    |        |        |
| 131 | 9.759  | 9.735  | 9.818  | VV | 2827   | 6902    |        |        |
| 132 | 9.837  | 9.818  | 9.872  | VV | 1754   | 42122   | 0.29%  | 0.020% |
| 133 | 9.898  | 9.872  | 9.916  | VV | 1314   | 25697   | 0.18%  | 0.012% |
| 134 | 9.946  | 9.916  | 9.978  | VV | 1512   | 38051   | 0.26%  | 0.018% |
| 135 | 9.997  | 9.978  | 10.024 | VV | 756    | 14363   | 0.10%  | 0.007% |
| 136 | 10.042 | 10.024 | 10.059 | VV | 631    | 11057   | 0.08%  | 0.005% |
| 137 | 10.103 | 10.059 | 10.146 | VV | 1956   | 63214   | 0.44%  | 0.030% |
| 138 | 10.169 | 10.146 | 10.223 | VV | 7714   | 110835  | 0.77%  | 0.052% |
| 139 | 10.248 | 10.223 | 10.264 | VV | 716    | 14043   | 0.10%  | 0.007% |
| 140 | 10.274 | 10.264 | 10.314 | VV | 754    | 11569   | 0.08%  | 0.005% |
| 141 | 10.343 | 10.314 | 10.387 | PV | 699    | 13853   | 0.10%  | 0.007% |
| 142 | 10.442 | 10.387 | 10.458 | VV | 443    | 12270   | 0.08%  | 0.006% |
| 143 | 10.464 | 10.458 | 10.481 | VV | 331    | 4022    | 0.03%  | 0.002% |
| 144 | 10.507 | 10.481 | 10.533 | VV | 1140   | 24256   | 0.17%  | 0.011% |
| 145 | 10.559 | 10.533 | 10.584 | VV | 3569   | 53915   | 0.37%  | 0.025% |
| 146 | 10.611 | 10.584 | 10.628 | VV | 1710   | 31428   | 0.22%  | 0.015% |
| 147 | 10.642 | 10.628 | 10.666 | VV | 1804   | 29593   | 0.20%  | 0.014% |
| 148 | 10.683 | 10.666 | 10.691 | VV | 983    | 10864   | 0.08%  | 0.005% |
| 149 | 10.703 | 10.691 | 10.731 | VV | 1211   | 16716   | 0.12%  | 0.008% |
| 150 | 10.755 | 10.731 | 10.791 | VV | 1127   | 20905   | 0.14%  | 0.010% |
| 151 | 10.812 | 10.791 | 10.828 | VV | 1831   | 26350   | 0.18%  | 0.012% |
| 152 | 10.836 | 10.828 | 10.846 | VV | 1110   | 11852   | 0.08%  | 0.006% |
| 153 | 10.862 | 10.846 | 10.877 | VV | 1725   | 23035   | 0.16%  | 0.011% |
| 154 | 10.910 | 10.877 | 10.943 | VV | 8483   | 120815  | 0.84%  | 0.057% |
| 155 | 10.980 | 10.943 | 11.067 | VV | 3955   | 116405  | 0.81%  | 0.055% |
| 156 | 11.074 | 11.067 | 11.088 | VV | 464    | 4518    | 0.03%  | 0.002% |
| 157 | 11.161 | 11.088 | 11.210 | VV | 14118  | 208743  | 1.45%  | 0.098% |
| 158 | 11.236 | 11.210 | 11.277 | VV | 3872   | 70811   | 0.49%  | 0.033% |
| 159 | 11.303 | 11.277 | 11.340 | VV | 1756   | 44193   | 0.31%  | 0.021% |
| 160 | 11.366 | 11.340 | 11.401 | VV | 1228   | 31615   | 0.22%  | 0.015% |
| 161 | 11.417 | 11.401 | 11.432 | VV | 1072   | 14210   | 0.10%  | 0.007% |
| 162 | 11.467 | 11.432 | 11.495 | VV | 1285   | 32149   | 0.22%  | 0.015% |
| 163 | 11.549 | 11.495 | 11.567 | PV | 1280   | 33828   | 0.23%  | 0.016% |
| 164 | 11.614 | 11.567 | 11.664 | VV | 9966   | 159889  | 1.11%  | 0.075% |
| 165 | 11.701 | 11.664 | 11.736 | VV | 4317   | 103879  | 0.72%  | 0.049% |
| 166 | 11.767 | 11.736 | 11.788 | VV | 734    | 11698   | 0.08%  | 0.005% |
| 167 | 11.815 | 11.788 | 11.837 | PV | 3031   | 39500   | 0.27%  | 0.019% |
| 168 | 11.860 | 11.837 | 11.884 | VV | 1018   | 20287   | 0.14%  | 0.010% |
| 169 | 11.933 | 11.884 | 11.981 | VV | 437608 | 4836884 | 33.49% | 2.271% |
| 170 | 11.998 | 11.981 | 12.032 | VV | 4304   | 67233   | 0.47%  | 0.032% |
| 171 | 12.084 | 12.032 | 12.101 | VV | 2615   | 75029   | 0.52%  | 0.035% |
| 172 | 12.114 | 12.101 | 12.131 | VV | 3416   | 44691   | 0.31%  | 0.021% |
| 173 | 12.146 | 12.131 | 12.198 | VV | 2582   | 42173   | 0.29%  | 0.020% |
| 174 | 12.222 | 12.198 | 12.238 | PV | 749    | 9318    | 0.06%  | 0.004% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 175 | 12.284 | 12.238 | 12.312 | VV | 11603  | 186831  | 1.29%  | 0.088% |
| 176 | 12.332 | 12.312 | 12.351 | VV | 3030   | 5109    |        |        |
| 177 | 12.370 | 12.351 | 12.394 | VV | 3809   | 4993    |        |        |
| 178 | 12.436 | 12.394 | 12.452 | VV | 1912   | 3261    |        |        |
| 179 | 12.469 | 12.452 | 12.480 | VV | 1859   | 2013    |        |        |
| 180 | 12.528 | 12.480 | 12.564 | VV | 26207  | 384982  | 2.67%  | 0.181% |
| 181 | 12.574 | 12.564 | 12.594 | VV | 1483   | 22403   | 0.16%  | 0.011% |
| 182 | 12.615 | 12.594 | 12.628 | VV | 2915   | 38853   | 0.27%  | 0.018% |
| 183 | 12.647 | 12.628 | 12.682 | VV | 4700   | 89327   | 0.62%  | 0.042% |
| 184 | 12.722 | 12.682 | 12.736 | VV | 2553   | 63996   | 0.44%  | 0.030% |
| 185 | 12.753 | 12.736 | 12.796 | VV | 3827   | 62878   | 0.44%  | 0.030% |
| 186 | 12.816 | 12.796 | 12.826 | PV | 1137   | 10593   | 0.07%  | 0.005% |
| 187 | 12.866 | 12.826 | 12.888 | VV | 6441   | 105641  | 0.73%  | 0.050% |
| 188 | 12.925 | 12.888 | 12.956 | VV | 18580  | 280499  | 1.94%  | 0.132% |
| 189 | 12.981 | 12.956 | 13.028 | VV | 26361  | 326117  | 2.26%  | 0.153% |
| 190 | 13.042 | 13.028 | 13.054 | VV | 703    | 7334    | 0.05%  | 0.003% |
| 191 | 13.111 | 13.054 | 13.130 | VV | 3279   | 62924   | 0.44%  | 0.030% |
| 192 | 13.177 | 13.130 | 13.196 | VV | 3661   | 68376   | 0.47%  | 0.032% |
| 193 | 13.229 | 13.196 | 13.256 | VV | 3735   | 83155   | 0.58%  | 0.039% |
| 194 | 13.280 | 13.256 | 13.326 | PV | 23067  | 333212  | 2.31%  | 0.156% |
| 195 | 13.371 | 13.326 | 13.401 | VV | 298687 | 3790221 | 26.24% | 1.779% |
| 196 | 13.411 | 13.401 | 13.440 | VV | 8262   | 112966  | 0.78%  | 0.053% |
| 197 | 13.469 | 13.440 | 13.509 | VV | 5378   | 125347  | 0.87%  | 0.059% |
| 198 | 13.538 | 13.509 | 13.568 | PV | 22228  | 328809  | 2.28%  | 0.154% |
| 199 | 13.614 | 13.568 | 13.664 | VV | 6855   | 224719  | 1.56%  | 0.105% |
| 200 | 13.679 | 13.664 | 13.691 | VV | 2052   | 22446   | 0.16%  | 0.011% |
| 201 | 13.707 | 13.691 | 13.724 | VV | 2983   | 33969   | 0.24%  | 0.016% |
| 202 | 13.762 | 13.724 | 13.788 | VV | 5826   | 106540  | 0.74%  | 0.050% |
| 203 | 13.822 | 13.788 | 13.844 | VV | 3635   | 95498   | 0.66%  | 0.045% |
| 204 | 13.871 | 13.844 | 13.898 | VV | 5026   | 94119   | 0.65%  | 0.044% |
| 205 | 13.919 | 13.898 | 13.954 | VV | 4670   | 93412   | 0.65%  | 0.044% |
| 206 | 13.976 | 13.954 | 14.001 | VV | 4674   | 92726   | 0.64%  | 0.044% |
| 207 | 14.047 | 14.001 | 14.060 | VV | 4523   | 120524  | 0.83%  | 0.057% |
| 208 | 14.072 | 14.060 | 14.094 | VV | 4620   | 67876   | 0.47%  | 0.032% |
| 209 | 14.125 | 14.094 | 14.169 | VV | 30583  | 509726  | 3.53%  | 0.239% |
| 210 | 14.185 | 14.169 | 14.205 | VV | 4090   | 60841   | 0.42%  | 0.029% |
| 211 | 14.255 | 14.205 | 14.294 | VV | 4394   | 130476  | 0.90%  | 0.061% |
| 212 | 14.350 | 14.294 | 14.375 | PV | 5122   | 154450  | 1.07%  | 0.073% |
| 213 | 14.391 | 14.375 | 14.405 | VV | 3329   | 51533   | 0.36%  | 0.024% |
| 214 | 14.422 | 14.405 | 14.443 | VV | 4867   | 70271   | 0.49%  | 0.033% |
| 215 | 14.487 | 14.443 | 14.504 | VV | 5676   | 103901  | 0.72%  | 0.049% |
| 216 | 14.539 | 14.504 | 14.566 | VV | 7223   | 167656  | 1.16%  | 0.079% |
| 217 | 14.602 | 14.566 | 14.659 | VV | 7637   | 229678  | 1.59%  | 0.108% |
| 218 | 14.687 | 14.659 | 14.724 | VV | 32484  | 492229  | 3.41%  | 0.231% |
| 219 | 14.750 | 14.724 | 14.770 | VV | 7660   | 160533  | 1.11%  | 0.075% |
| 220 | 14.787 | 14.770 | 14.830 | VV | 7904   | 168376  | 1.17%  | 0.079% |
| 221 | 14.848 | 14.830 | 14.870 | VV | 4437   | 59161   | 0.41%  | 0.028% |

Instrument :

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OK-01-91123

Manual IntegrationsAPPROVED

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|     |        |        |        |    |       |         |       |        |
|-----|--------|--------|--------|----|-------|---------|-------|--------|
| 222 | 14.898 | 14.870 | 14.928 | PV | 5152  | 96518   | 0.67% | 0.045% |
| 223 | 14.945 | 14.928 | 14.954 | VV | 2871  | 3718    |       |        |
| 224 | 14.973 | 14.954 | 14.995 | VV | 5225  | 7237    |       |        |
| 225 | 15.009 | 14.995 | 15.023 | VV | 2738  | 2414    |       |        |
| 226 | 15.038 | 15.023 | 15.047 | VV | 2444  | 2143    |       |        |
| 227 | 15.065 | 15.047 | 15.098 | VV | 4597  | 96258   | 0.67% | 0.045% |
| 228 | 15.160 | 15.098 | 15.180 | VV | 11658 | 214430  | 1.48% | 0.101% |
| 229 | 15.202 | 15.180 | 15.210 | VV | 11917 | 134475  | 0.93% | 0.063% |
| 230 | 15.229 | 15.210 | 15.267 | VV | 34604 | 474954  | 3.29% | 0.223% |
| 231 | 15.317 | 15.267 | 15.344 | VV | 5245  | 142999  | 0.99% | 0.067% |
| 232 | 15.369 | 15.344 | 15.402 | VV | 6118  | 106402  | 0.74% | 0.050% |
| 233 | 15.417 | 15.402 | 15.445 | VV | 2503  | 42398   | 0.29% | 0.020% |
| 234 | 15.480 | 15.445 | 15.514 | VV | 5238  | 111615  | 0.77% | 0.052% |
| 235 | 15.547 | 15.514 | 15.581 | PV | 2922  | 67813   | 0.47% | 0.032% |
| 236 | 15.624 | 15.581 | 15.697 | VV | 20921 | 463965  | 3.21% | 0.218% |
| 237 | 15.750 | 15.697 | 15.784 | VV | 36683 | 554398  | 3.84% | 0.260% |
| 238 | 15.831 | 15.784 | 15.856 | VV | 9010  | 215742  | 1.49% | 0.101% |
| 239 | 15.875 | 15.856 | 15.911 | VV | 5799  | 108720  | 0.75% | 0.051% |
| 240 | 15.935 | 15.911 | 15.952 | PV | 4167  | 58015   | 0.40% | 0.027% |
| 241 | 16.002 | 15.952 | 16.028 | VV | 7191  | 183390  | 1.27% | 0.086% |
| 242 | 16.074 | 16.028 | 16.098 | VV | 4544  | 108817  | 0.75% | 0.051% |
| 243 | 16.133 | 16.098 | 16.153 | VV | 6590  | 132374  | 0.92% | 0.062% |
| 244 | 16.170 | 16.153 | 16.209 | VV | 6702  | 119067  | 0.82% | 0.056% |
| 245 | 16.252 | 16.209 | 16.299 | VV | 41205 | 737931  | 5.11% | 0.346% |
| 246 | 16.307 | 16.299 | 16.331 | VV | 4942  | 63832   | 0.44% | 0.030% |
| 247 | 16.366 | 16.331 | 16.394 | VV | 2765  | 87073   | 0.60% | 0.041% |
| 248 | 16.427 | 16.394 | 16.468 | PV | 9997  | 259681  | 1.80% | 0.122% |
| 249 | 16.544 | 16.468 | 16.574 | VV | 7689  | 305669  | 2.12% | 0.144% |
| 250 | 16.587 | 16.574 | 16.601 | VV | 6122  | 87190   | 0.60% | 0.041% |
| 251 | 16.640 | 16.601 | 16.669 | VV | 10559 | 252866  | 1.75% | 0.119% |
| 252 | 16.735 | 16.669 | 16.794 | PV | 45905 | 984638  | 6.82% | 0.462% |
| 253 | 16.857 | 16.794 | 16.881 | VV | 10492 | 346678  | 2.40% | 0.163% |
| 254 | 16.900 | 16.881 | 16.926 | VV | 9742  | 196098  | 1.36% | 0.092% |
| 255 | 16.950 | 16.926 | 16.990 | VV | 7658  | 200016  | 1.38% | 0.094% |
| 256 | 17.044 | 16.990 | 17.064 | VV | 11924 | 313312  | 2.17% | 0.147% |
| 257 | 17.099 | 17.064 | 17.144 | VV | 12879 | 270874  | 1.88% | 0.127% |
| 258 | 17.204 | 17.144 | 17.282 | PV | 41918 | 1052953 | 7.29% | 0.494% |
| 259 | 17.320 | 17.282 | 17.332 | VV | 5778  | 152085  | 1.05% | 0.071% |
| 260 | 17.381 | 17.332 | 17.391 | VV | 8932  | 262313  | 1.82% | 0.123% |
| 261 | 17.450 | 17.391 | 17.480 | VV | 13451 | 516046  | 3.57% | 0.242% |
| 262 | 17.535 | 17.480 | 17.568 | VV | 12979 | 539541  | 3.74% | 0.253% |
| 263 | 17.599 | 17.568 | 17.611 | VV | 15786 | 315261  | 2.18% | 0.148% |
| 264 | 17.626 | 17.611 | 17.638 | VV | 18287 | 250317  | 1.73% | 0.118% |
| 265 | 17.657 | 17.638 | 17.692 | VV | 44405 | 754122  | 5.22% | 0.354% |
| 266 | 17.702 | 17.692 | 17.735 | VV | 9229  | 208497  | 1.44% | 0.098% |
| 267 | 17.770 | 17.735 | 17.801 | VV | 17794 | 444737  | 3.08% | 0.209% |
| 268 | 17.829 | 17.801 | 17.852 | VV | 15469 | 371426  | 2.57% | 0.174% |
| 269 | 17.925 | 17.852 | 17.968 | VV | 12509 | 672508  | 4.66% | 0.316% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 270 | 18.001 | 17.968 | 18.036 | VV | 15106  | 506186  | 3.50%  | 0.238% |
| 271 | 18.096 | 18.036 | 18.121 | VV | 54304  | 132151  |        |        |
| 272 | 18.141 | 18.121 | 18.154 | VV | 12627  | 23478   |        |        |
| 273 | 18.242 | 18.154 | 18.314 | VV | 59396  | 237604  |        |        |
| 274 | 18.477 | 18.314 | 18.493 | VV | 36040  | 246646  |        |        |
| 275 | 18.519 | 18.493 | 18.554 | VV | 64192  | 1438346 | 9.96%  | 0.675% |
| 276 | 18.559 | 18.554 | 18.569 | VV | 24615  | 206184  | 1.43%  | 0.097% |
| 277 | 18.611 | 18.569 | 18.632 | VV | 61888  | 1434380 | 9.93%  | 0.673% |
| 278 | 18.649 | 18.632 | 18.678 | VV | 37020  | 879549  | 6.09%  | 0.413% |
| 279 | 18.687 | 18.678 | 18.706 | VV | 27428  | 435851  | 3.02%  | 0.205% |
| 280 | 18.728 | 18.706 | 18.748 | VV | 38235  | 771988  | 5.35%  | 0.362% |
| 281 | 18.762 | 18.748 | 18.793 | VV | 32259  | 845178  | 5.85%  | 0.397% |
| 282 | 18.844 | 18.793 | 18.861 | VV | 32407  | 1215341 | 8.41%  | 0.571% |
| 283 | 18.931 | 18.861 | 18.968 | VV | 72352  | 2604365 | 18.03% | 1.223% |
| 284 | 18.986 | 18.968 | 18.998 | VV | 35572  | 582563  | 4.03%  | 0.273% |
| 285 | 19.037 | 18.998 | 19.060 | VV | 64755  | 1755500 | 12.15% | 0.824% |
| 286 | 19.084 | 19.060 | 19.108 | VV | 63475  | 1528400 | 10.58% | 0.718% |
| 287 | 19.130 | 19.108 | 19.141 | VV | 46324  | 903475  | 6.26%  | 0.424% |
| 288 | 19.182 | 19.141 | 19.197 | VV | 52771  | 1576464 | 10.92% | 0.740% |
| 289 | 19.217 | 19.197 | 19.250 | VV | 54215  | 1607432 | 11.13% | 0.755% |
| 290 | 19.331 | 19.250 | 19.353 | VV | 90657  | 3960145 | 27.42% | 1.859% |
| 291 | 19.369 | 19.353 | 19.403 | VV | 69081  | 1762999 | 12.21% | 0.828% |
| 292 | 19.444 | 19.403 | 19.455 | VV | 72340  | 1929450 | 13.36% | 0.906% |
| 293 | 19.462 | 19.455 | 19.488 | VV | 68958  | 1217378 | 8.43%  | 0.572% |
| 294 | 19.507 | 19.488 | 19.518 | VV | 61518  | 1022710 | 7.08%  | 0.480% |
| 295 | 19.540 | 19.518 | 19.555 | VV | 63995  | 1316477 | 9.12%  | 0.618% |
| 296 | 19.588 | 19.555 | 19.602 | VV | 63152  | 1646639 | 11.40% | 0.773% |
| 297 | 19.624 | 19.602 | 19.633 | VV | 64422  | 1157825 | 8.02%  | 0.544% |
| 298 | 19.665 | 19.633 | 19.674 | VV | 64400  | 1505903 | 10.43% | 0.707% |
| 299 | 19.717 | 19.674 | 19.749 | VV | 103234 | 3620398 | 25.07% | 1.700% |
| 300 | 19.758 | 19.749 | 19.804 | VV | 90228  | 2610267 | 18.07% | 1.225% |
| 301 | 19.840 | 19.804 | 19.875 | VV | 86452  | 3419045 | 23.67% | 1.605% |
| 302 | 19.896 | 19.875 | 19.911 | VV | 82688  | 1702893 | 11.79% | 0.799% |
| 303 | 19.959 | 19.911 | 19.978 | VV | 88969  | 3417293 | 23.66% | 1.604% |
| 304 | 19.991 | 19.978 | 20.046 | VV | 93358  | 3617171 | 25.04% | 1.698% |
| 305 | 20.095 | 20.046 | 20.119 | VV | 125085 | 4595162 | 31.82% | 2.157% |
| 306 | 20.145 | 20.119 | 20.175 | VV | 109451 | 3381488 | 23.41% | 1.587% |
| 307 | 20.208 | 20.175 | 20.219 | VV | 104634 | 2625433 | 18.18% | 1.233% |
| 308 | 20.259 | 20.219 | 20.276 | VV | 120890 | 3797606 | 26.29% | 1.783% |
| 309 | 20.287 | 20.276 | 20.307 | VV | 114524 | 2013258 | 13.94% | 0.945% |
| 310 | 20.316 | 20.307 | 20.344 | VV | 107786 | 2274329 | 15.75% | 1.068% |
| 311 | 20.371 | 20.344 | 20.403 | VV | 123328 | 3976945 | 27.54% | 1.867% |
| 312 | 20.465 | 20.403 | 20.504 | VV | 151027 | 7662987 | 53.06% | 3.597% |
| 313 | 20.531 | 20.504 | 20.542 | VV | 139811 | 3021493 | 20.92% | 1.418% |
| 314 | 20.547 | 20.542 | 20.591 | VV | 136412 | 3891624 | 26.95% | 1.827% |
| 315 | 20.607 | 20.591 | 20.621 | VV | 137151 | 2328638 | 16.12% | 1.093% |
| 316 | 20.689 | 20.621 | 20.726 | VV | 148459 | 8802584 | 60.95% | 4.132% |

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|                         |        |        |        |       |        |           |        |        |
|-------------------------|--------|--------|--------|-------|--------|-----------|--------|--------|
|                         |        |        |        | rters |        |           |        |        |
| 317                     | 20.756 | 20.726 | 20.792 | VV    | 152508 | 5727144   | 39.65% | 2.689% |
| 318                     | 20.820 | 20.792 | 20.849 | VV    | 153996 | 457457    |        |        |
| 319                     | 20.867 | 20.849 | 20.893 | VV    | 114657 | 296283    |        |        |
| 320                     | 20.959 | 20.893 | 21.084 | VV    | 139994 | 1444277   |        |        |
| 321                     | 21.093 | 21.084 | 21.161 | VV    | 109799 | 439619    |        |        |
| 322                     | 21.217 | 21.161 | 21.244 | VV    | 133578 | 5652960   | 39.14% | 2.654% |
| 323                     | 21.250 | 21.244 | 21.268 | VV    | 118400 | 1603495   | 11.10% | 0.753% |
| 324                     | 21.304 | 21.268 | 21.401 | VV    | 113162 | 7741373   | 53.60% | 3.634% |
| 325                     | 21.411 | 21.401 | 21.484 | VV    | 77733  | 3213285   | 22.25% | 1.509% |
| 326                     | 21.552 | 21.484 | 21.561 | VV    | 86680  | 3455973   | 23.93% | 1.622% |
| 327                     | 21.584 | 21.561 | 21.616 | VV    | 94099  | 2940636   | 20.36% | 1.381% |
| 328                     | 21.643 | 21.616 | 21.750 | VV    | 99068  | 5549655   | 38.43% | 2.605% |
| 329                     | 21.779 | 21.750 | 21.813 | VV    | 51652  | 1780036   | 12.32% | 0.836% |
| 330                     | 21.890 | 21.813 | 21.904 | VV    | 58143  | 2652322   | 18.36% | 1.245% |
| 331                     | 21.909 | 21.904 | 21.923 | VV    | 55396  | 579589    | 4.01%  | 0.272% |
| 332                     | 21.935 | 21.923 | 21.964 | VV    | 54497  | 1255755   | 8.69%  | 0.590% |
| 333                     | 21.992 | 21.964 | 22.004 | VV    | 58984  | 1262092   | 8.74%  | 0.593% |
| 334                     | 22.027 | 22.004 | 22.108 | VV    | 49679  | 1592976   | 11.03% | 0.748% |
| 335                     | 22.148 | 22.108 | 22.178 | PV    | 28582  | 698789    | 4.84%  | 0.328% |
| 336                     | 22.187 | 22.178 | 22.194 | VV    | 12724  | 110617    | 0.77%  | 0.052% |
| 337                     | 22.202 | 22.194 | 22.231 | VV    | 12180  | 146952    | 1.02%  | 0.069% |
| Sum of corrected areas: |        |        |        |       |        | 213009311 |        |        |

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Aliphatic EPH 083023.M Wed Sep 13 01:44:12 2023