

rteres

Instrument :

FID\_E

ClientSampleId :

MH-EDMS

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE08032

Data File : FE036851.D

Signal(s) : FID1B.ch

Acq On : 03 Aug 2022 20:29

Sample : N4016-07MS

Misc :

ALS Vial : 19 Sample Multiplier: 1

Reviewed By :Yogesh Patel 08/04/2022

Supervised By :Ankita Jodhani 08/04/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071722.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         | 3.594       | 3.554        | 3.652      | VV       | 687            | 19371        | 0.21%          | 0.007%        |
| 2         | 3.709       | 3.694        | 3.750      | VV       | 754            | 10623        | 0.11%          | 0.004%        |
| 3         | 3.821       | 3.789        | 3.855      | VV       | 665            | 14834        | 0.16%          | 0.005%        |
| 4         | 4.204       | 4.176        | 4.239      | VV       | 1428           | 22804        | 0.24%          | 0.008%        |
| 5         | 4.251       | 4.239        | 4.284      | VV       | 511            | 10013        | 0.11%          | 0.004%        |
| 6         | 4.483       | 4.438        | 4.499      | VV       | 491773         | 4800301      | 50.97%         | 1.706%        |
| 7         | 4.516       | 4.499        | 4.592      | VV       | 519408         | 5265165      | 55.91%         | 1.871%        |
| 8         | 4.603       | 4.592        | 4.633      | VV       | 1374           | 26171        | 0.28%          | 0.009%        |
| 9         | 4.652       | 4.633        | 4.691      | VV       | 1263           | 28279        | 0.30%          | 0.010%        |
| 10        | 4.703       | 4.691        | 4.748      | VV       | 606            | 16878        | 0.18%          | 0.006%        |
| 11        | 4.932       | 4.919        | 4.965      | VV       | 482            | 10871        | 0.12%          | 0.004%        |
| 12        | 4.980       | 4.965        | 5.019      | VV       | 457            | 10667        | 0.11%          | 0.004%        |
| 13        | 5.137       | 5.113        | 5.167      | VV       | 1074           | 17176        | 0.18%          | 0.006%        |
| 14        | 5.264       | 5.221        | 5.298      | VV       | 438            | 12189        | 0.13%          | 0.004%        |
| 15        | 5.389       | 5.348        | 5.415      | VV       | 1347           | 21174        | 0.22%          | 0.008%        |
| 16        | 5.472       | 5.450        | 5.515      | VV       | 651            | 12684        | 0.13%          | 0.005%        |
| 17        | 5.617       | 5.595        | 5.669      | VV       | 1842           | 26008        | 0.28%          | 0.009%        |
| 18        | 5.861       | 5.833        | 5.923      | VV       | 2889           | 36327        | 0.39%          | 0.013%        |
| 19        | 6.181       | 6.148        | 6.340      | VV       | 589561         | 5844755      | 62.07%         | 2.077%        |
| 20        | 6.362       | 6.340        | 6.412      | VV       | 1364           | 32630        | 0.35%          | 0.012%        |
| 21        | 6.418       | 6.412        | 6.469      | VV       | 536            | 16180        | 0.17%          | 0.006%        |
| 22        | 6.486       | 6.469        | 6.557      | VV       | 632            | 26387        | 0.28%          | 0.009%        |
| 23        | 6.649       | 6.611        | 6.785      | VV       | 527336         | 5435056      | 57.72%         | 1.931%        |
| 24        | 6.804       | 6.785        | 6.919      | VV       | 763            | 30223        | 0.32%          | 0.011%        |
| 25        | 7.062       | 7.022        | 7.113      | VV       | 491            | 13004        | 0.14%          | 0.005%        |
| 26        | 7.139       | 7.113        | 7.160      | VV       | 1905           | 27575        | 0.29%          | 0.010%        |
| 27        | 7.180       | 7.160        | 7.235      | VV       | 6951           | 80059        | 0.85%          | 0.028%        |
| 28        | 7.278       | 7.235        | 7.402      | VV       | 568134         | 5922818      | 62.89%         | 2.105%        |
| 29        | 7.415       | 7.402        | 7.440      | VV       | 1257           | 21595        | 0.23%          | 0.008%        |
| 30        | 7.480       | 7.440        | 7.494      | VV       | 1820           | 37154        | 0.39%          | 0.013%        |
| 31        | 7.503       | 7.494        | 7.538      | VV       | 1282           | 21258        | 0.23%          | 0.008%        |
| 32        | 7.555       | 7.538        | 7.574      | VV       | 1026           | 15199        | 0.16%          | 0.005%        |
| 33        | 7.594       | 7.574        | 7.625      | VV       | 1030           | 18909        | 0.20%          | 0.007%        |
| 34        | 7.655       | 7.625        | 7.695      | VV       | 480            | 15244        | 0.16%          | 0.005%        |
| 35        | 7.904       | 7.856        | 7.990      | VV       | 629101         | 6551596      | 69.57%         | 2.328%        |
| 36        | 8.015       | 7.990        | 8.037      | VV       | 1797           | 44657        | 0.47%          | 0.016%        |

|    |        |        |        |    | retention |         |        |        |  |
|----|--------|--------|--------|----|-----------|---------|--------|--------|--|
| 37 | 8.043  | 8.037  | 8.145  | VV | 1185      | 42271   | 0.45%  | 0.015% |  |
| 38 | 8.167  | 8.145  | 8.207  | VV | 890       | 17844   |        |        |  |
| 39 | 8.224  | 8.207  | 8.306  | VV | 677       | 15393   |        |        |  |
| 40 | 8.477  | 8.402  | 8.544  | VV | 557468    | 5892459 | 62.46% | 2.291% |  |
| 41 | 8.578  | 8.544  | 8.741  | VV | 583565    | 5935894 | 63.16% | 2.314% |  |
| 42 | 8.779  | 8.741  | 8.845  | VV | 402709    | 4413992 | 46.46% | 0.008% |  |
| 43 | 8.878  | 8.845  | 9.002  | VV | 606656    | 6446790 | 68.46% | 2.291% |  |
| 44 | 9.009  | 9.002  | 9.051  | VV | 964       | 22600   | 0.24%  | 0.008% |  |
| 45 | 9.087  | 9.079  | 9.137  | VV | 587       | 18056   | 0.19%  | 0.006% |  |
| 46 | 9.156  | 9.137  | 9.179  | VV | 1255      | 21360   | 0.23%  | 0.008% |  |
| 47 | 9.205  | 9.179  | 9.275  | VV | 1803      | 47869   | 0.51%  | 0.017% |  |
| 48 | 9.300  | 9.275  | 9.367  | VV | 1090      | 22061   | 0.23%  | 0.008% |  |
| 49 | 9.666  | 9.617  | 9.802  | VV | 570572    | 6512680 | 69.16% | 2.314% |  |
| 50 | 9.812  | 9.802  | 9.837  | VV | 848       | 15490   | 0.16%  | 0.006% |  |
| 51 | 9.878  | 9.837  | 9.909  | VV | 3074      | 61846   | 0.66%  | 0.022% |  |
| 52 | 9.913  | 9.909  | 9.960  | VV | 783       | 12258   | 0.13%  | 0.004% |  |
| 53 | 10.011 | 9.960  | 10.044 | VV | 478       | 15057   | 0.16%  | 0.005% |  |
| 54 | 10.082 | 10.044 | 10.172 | VV | 560924    | 6299708 | 66.90% | 2.239% |  |
| 55 | 10.179 | 10.172 | 10.208 | VV | 659       | 10541   | 0.11%  | 0.004% |  |
| 56 | 10.226 | 10.208 | 10.322 | VV | 577       | 17364   | 0.18%  | 0.006% |  |
| 57 | 10.718 | 10.677 | 10.735 | VV | 502       | 10729   | 0.11%  | 0.004% |  |
| 58 | 10.812 | 10.792 | 10.835 | VV | 1251      | 22978   | 0.24%  | 0.008% |  |
| 59 | 10.859 | 10.835 | 10.937 | VV | 11528     | 178701  | 1.90%  | 0.064% |  |
| 60 | 11.070 | 10.985 | 11.115 | VV | 569833    | 6455564 | 68.55% | 2.294% |  |
| 61 | 11.147 | 11.115 | 11.260 | VV | 529934    | 6606042 | 70.15% | 2.348% |  |
| 62 | 11.269 | 11.260 | 11.309 | VV | 2234      | 51956   | 0.55%  | 0.018% |  |
| 63 | 11.323 | 11.309 | 11.350 | VV | 1736      | 35087   | 0.37%  | 0.012% |  |
| 64 | 11.375 | 11.350 | 11.430 | VV | 2604      | 65701   | 0.70%  | 0.023% |  |
| 65 | 11.452 | 11.430 | 11.486 | VV | 1053      | 27241   | 0.29%  | 0.010% |  |
| 66 | 11.524 | 11.486 | 11.650 | VV | 550075    | 6637696 | 70.49% | 2.359% |  |
| 67 | 11.663 | 11.650 | 11.695 | VV | 574       | 13403   | 0.14%  | 0.005% |  |
| 68 | 11.835 | 11.783 | 11.952 | VV | 480960    | 5420113 | 57.56% | 1.926% |  |
| 69 | 11.977 | 11.952 | 12.005 | VV | 732       | 17502   | 0.19%  | 0.006% |  |
| 70 | 12.047 | 12.035 | 12.090 | VV | 611       | 12074   | 0.13%  | 0.004% |  |
| 71 | 12.191 | 12.159 | 12.215 | VV | 931       | 15910   | 0.17%  | 0.006% |  |
| 72 | 12.242 | 12.215 | 12.267 | VV | 1848      | 26642   | 0.28%  | 0.009% |  |
| 73 | 12.277 | 12.267 | 12.369 | VV | 593       | 12134   | 0.13%  | 0.004% |  |
| 74 | 12.437 | 12.405 | 12.497 | VV | 3827      | 51457   | 0.55%  | 0.018% |  |
| 75 | 12.663 | 12.625 | 12.731 | VV | 2912      | 47689   | 0.51%  | 0.017% |  |
| 76 | 12.833 | 12.790 | 12.860 | VV | 517438    | 6365562 | 67.60% | 2.262% |  |
| 77 | 12.890 | 12.860 | 13.039 | VV | 538575    | 6315040 | 67.06% | 2.244% |  |
| 78 | 13.071 | 13.039 | 13.145 | VV | 4393      | 72627   | 0.77%  | 0.026% |  |
| 79 | 13.188 | 13.145 | 13.225 | VV | 508314    | 6180046 | 65.63% | 2.196% |  |
| 80 | 13.275 | 13.225 | 13.379 | VV | 314712    | 4285749 | 45.51% | 1.523% |  |
| 81 | 13.387 | 13.379 | 13.407 | VV | 846       | 12354   | 0.13%  | 0.004% |  |
| 82 | 13.444 | 13.407 | 13.604 | VV | 500924    | 6318900 | 67.10% | 2.246% |  |
| 83 | 13.635 | 13.604 | 13.667 | VV | 404       | 10236   | 0.11%  | 0.004% |  |
| 84 | 13.880 | 13.812 | 13.923 | VV | 2601      | 59091   | 0.63%  | 0.021% |  |
| 85 | 13.979 | 13.957 | 13.994 | VV | 873       | 12433   | 0.13%  | 0.004% |  |
| 86 | 14.031 | 13.994 | 14.165 | VV | 492308    | 6202419 | 65.86% | 2.204% |  |
| 87 | 14.462 | 14.401 | 14.567 | VV | 17601     | 270971  | 2.88%  | 0.096% |  |
| 88 | 14.591 | 14.567 | 14.620 | VV | 1240      | 19547   | 0.21%  | 0.007% |  |
| 89 | 14.647 | 14.620 | 14.669 | VV | 539       | 10420   | 0.11%  | 0.004% |  |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 14.691 | 14.669 | 14.737 | VV | 1967   | 30564   | 0.32%  | 0.011% |
| 91  | 14.811 | 14.782 | 14.855 | PV | 501    | 10912   |        |        |
| 92  | 14.991 | 14.952 | 15.029 | VV | 581    | 13250   |        |        |
| 93  | 15.068 | 15.029 | 15.088 | VV | 429109 | 5587331 | 59.82% | 2.002% |
| 94  | 15.115 | 15.088 | 15.124 | VV | 490359 | 6353080 | 67.24% | 2.117% |
| 95  | 15.132 | 15.124 | 15.285 | VV | 496570 | 5735330 | 60.79% | 2.034% |
| 96  | 15.294 | 15.285 | 15.309 | VV | 1447   | 18425   | 0.20%  | 0.007% |
| 97  | 15.323 | 15.309 | 15.405 | VV | 1579   | 57313   | 0.61%  | 0.020% |
| 98  | 15.444 | 15.405 | 15.457 | VV | 783    | 19278   | 0.20%  | 0.007% |
| 99  | 15.520 | 15.475 | 15.627 | VV | 20627  | 533936  | 5.67%  | 0.190% |
| 100 | 15.651 | 15.627 | 15.689 | VV | 2514   | 44738   | 0.48%  | 0.016% |
| 101 | 15.716 | 15.689 | 15.732 | VV | 1131   | 18604   | 0.20%  | 0.007% |
| 102 | 15.744 | 15.732 | 15.804 | VV | 717    | 18189   | 0.19%  | 0.006% |
| 103 | 15.915 | 15.860 | 15.954 | VV | 910    | 17778   | 0.19%  | 0.006% |
| 104 | 15.983 | 15.954 | 16.004 | VV | 547    | 10130   | 0.11%  | 0.004% |
| 105 | 16.048 | 16.004 | 16.089 | VV | 826    | 25912   | 0.28%  | 0.009% |
| 106 | 16.155 | 16.089 | 16.202 | VV | 428213 | 5841196 | 62.03% | 2.076% |
| 107 | 16.337 | 16.310 | 16.379 | PV | 1347   | 18571   | 0.20%  | 0.007% |
| 108 | 16.541 | 16.480 | 16.585 | PV | 2508   | 59581   | 0.63%  | 0.021% |
| 109 | 16.629 | 16.585 | 16.644 | VV | 394794 | 5632945 | 59.82% | 2.002% |
| 110 | 16.662 | 16.644 | 16.817 | VV | 456028 | 5955717 | 63.24% | 2.117% |
| 111 | 16.824 | 16.817 | 16.884 | VV | 1333   | 41185   | 0.44%  | 0.015% |
| 112 | 16.945 | 16.884 | 16.960 | VV | 983    | 39201   | 0.42%  | 0.014% |
| 113 | 17.009 | 16.960 | 17.067 | VV | 356855 | 5157468 | 54.77% | 1.833% |
| 114 | 17.105 | 17.067 | 17.305 | VV | 394356 | 5973446 | 63.43% | 2.123% |
| 115 | 17.390 | 17.305 | 17.402 | VV | 1913   | 99219   | 1.05%  | 0.035% |
| 116 | 17.435 | 17.402 | 17.448 | VV | 1870   | 49096   | 0.52%  | 0.017% |
| 117 | 17.488 | 17.448 | 17.524 | VV | 2804   | 103416  | 1.10%  | 0.037% |
| 118 | 17.552 | 17.524 | 17.598 | VV | 4726   | 124610  | 1.32%  | 0.044% |
| 119 | 17.637 | 17.598 | 17.675 | VV | 2055   | 86378   | 0.92%  | 0.031% |
| 120 | 17.881 | 17.675 | 17.909 | VV | 2476   | 260771  | 2.77%  | 0.093% |
| 121 | 17.996 | 17.909 | 18.062 | VV | 383290 | 5724393 | 60.79% | 2.034% |
| 122 | 18.081 | 18.062 | 18.099 | VV | 3468   | 68460   | 0.73%  | 0.024% |
| 123 | 18.109 | 18.099 | 18.139 | VV | 2957   | 64686   | 0.69%  | 0.023% |
| 124 | 18.178 | 18.139 | 18.197 | VV | 2761   | 88973   | 0.94%  | 0.032% |
| 125 | 18.214 | 18.197 | 18.240 | VV | 2777   | 67848   | 0.72%  | 0.024% |
| 126 | 18.310 | 18.240 | 18.330 | VV | 4061   | 167533  | 1.78%  | 0.060% |
| 127 | 18.387 | 18.330 | 18.404 | VV | 371001 | 5892926 | 62.58% | 2.094% |
| 128 | 18.423 | 18.404 | 18.590 | VV | 401004 | 6616437 | 70.26% | 2.351% |
| 129 | 18.645 | 18.590 | 18.771 | VV | 376571 | 6493672 | 68.96% | 2.308% |
| 130 | 18.826 | 18.771 | 18.875 | VV | 387312 | 5900106 | 62.65% | 2.097% |
| 131 | 18.923 | 18.875 | 18.945 | VV | 10183  | 398096  | 4.23%  | 0.141% |
| 132 | 19.014 | 18.945 | 19.030 | VV | 9879   | 490630  | 5.21%  | 0.174% |
| 133 | 19.051 | 19.030 | 19.069 | VV | 9785   | 230398  | 2.45%  | 0.082% |
| 134 | 19.081 | 19.069 | 19.092 | VV | 9692   | 133591  | 1.42%  | 0.047% |
| 135 | 19.132 | 19.092 | 19.147 | VV | 9955   | 320495  | 3.40%  | 0.114% |
| 136 | 19.194 | 19.147 | 19.206 | VV | 16138  | 456585  | 4.85%  | 0.162% |
| 137 | 19.215 | 19.206 | 19.265 | VV | 16058  | 478715  | 5.08%  | 0.170% |
| 138 | 19.279 | 19.265 | 19.323 | VV | 10999  | 365164  | 3.88%  | 0.130% |
| 139 | 19.337 | 19.323 | 19.360 | VV | 10071  | 219419  | 2.33%  | 0.078% |
| 140 | 19.415 | 19.360 | 19.433 | VV | 11007  | 450479  | 4.78%  | 0.160% |
| 141 | 19.610 | 19.433 | 19.684 | VV | 358242 | 7452672 | 79.14% | 2.649% |

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Supervised By :Ankita Jodhani 08/04/2022

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|--------|--------|--------|--------|-----|--------|---------|---------|--------|--|
| 142    | 19.715 | 19.684 | 19.749 | VV  | 19489  | 725746  | 7.71%   | 0.258% |  |
| 143    | 19.770 | 19.749 | 19.860 | VV  | 18205  | 1129683 |         |        |  |
| 144    | 19.899 | 19.860 | 19.915 | VV  | 16340  | 527250  |         |        |  |
| 145    | 19.985 | 19.915 | 20.027 | VV  | 22301  | 1317408 |         |        |  |
| 146    | 20.115 | 20.027 | 20.140 | VV  | 22762  | 1485242 |         |        |  |
| 147    | 20.225 | 20.140 | 20.244 | VV  | 24131  | 1452583 |         |        |  |
| 148    | 20.257 | 20.244 | 20.268 | VV  | 24280  | 358399  | 3.81%   | 0.127% |  |
| 149    | 20.287 | 20.268 | 20.305 | VV  | 24353  | 535410  | 5.69%   | 0.190% |  |
| 150    | 20.351 | 20.305 | 20.407 | VV  | 366503 | 6726537 | 71.43%  | 2.390% |  |
| 151    | 20.506 | 20.407 | 20.550 | VV  | 34370  | 2615398 | 27.77%  | 0.929% |  |
| 152    | 20.569 | 20.550 | 20.580 | VV  | 32285  | 577368  | 6.13%   | 0.205% |  |
| 153    | 20.668 | 20.580 | 20.675 | VV  | 34384  | 1877433 | 19.94%  | 0.667% |  |
| 154    | 20.699 | 20.675 | 20.734 | VV  | 36520  | 1253692 | 13.31%  | 0.446% |  |
| 155    | 20.827 | 20.734 | 20.844 | VV  | 37319  | 2359308 | 25.05%  | 0.838% |  |
| 156    | 20.870 | 20.844 | 20.999 | VV  | 37311  | 3246021 | 34.47%  | 1.154% |  |
| 157    | 21.075 | 20.999 | 21.127 | VV  | 319403 | 7635676 | 81.08%  | 2.714% |  |
| 158    | 21.258 | 21.127 | 21.341 | VV  | 38561  | 4608827 | 48.94%  | 1.638% |  |
| 159    | 21.350 | 21.341 | 21.375 | VV  | 35067  | 710041  | 7.54%   | 0.252% |  |
| 160    | 21.385 | 21.375 | 21.395 | VV  | 33736  | 402990  | 4.28%   | 0.143% |  |
| 161    | 21.406 | 21.395 | 21.419 | VV  | 33859  | 471412  | 5.01%   | 0.168% |  |
| 162    | 21.481 | 21.419 | 21.632 | VV  | 38315  | 4500719 | 47.79%  | 1.599% |  |
| 163    | 21.728 | 21.632 | 21.785 | VV  | 34075  | 3029205 | 32.17%  | 1.077% |  |
| 164    | 21.828 | 21.785 | 21.895 | VV  | 34281  | 2207236 | 23.44%  | 0.784% |  |
| 165    | 21.958 | 21.895 | 22.100 | VBA | 249780 | 9417014 | 100.00% | 3.347% |  |

Sum of corrected areas: 281390826

Aliphatic EPH 071722.M Thu Aug 04 09:41:36 2022

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