

Instrument :
FID_E
ClientSampleId :
OR-03-08082025-E2DL

rteres

Area Percent

Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Da
Data File : FE055246.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 09:00
Sample : Q2809-02DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH
080125.M
Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.853	2.804	2.875	BV	184	2893	0.15%	0.010%
2	2.885	2.875	2.891	PV	59	278	0.01%	0.001%
3	2.900	2.891	2.971	VV	88	1865	0.10%	0.006%
4	2.984	2.971	2.998	PV	115	1193	0.06%	0.004%
5	3.002	2.998	3.044	VV	103	1541	0.08%	0.005%
6	3.055	3.044	3.062	VV	124	1050	0.06%	0.003%
7	3.068	3.062	3.081	VV	104	828	0.04%	0.003%
8	3.097	3.081	3.123	VV	135	2092	0.11%	0.007%
9	3.201	3.123	3.221	VV	145	4643	0.24%	0.015%
10	3.284	3.221	3.303	VV	148	3630	0.19%	0.012%
11	3.318	3.303	3.362	VV	149	4240	0.22%	0.014%
12	3.378	3.362	3.404	VV	127	2673	0.14%	0.009%
13	3.419	3.404	3.471	VV	301	5979	0.32%	0.020%
14	3.500	3.471	3.513	VV	119	2064	0.11%	0.007%
15	3.531	3.513	3.564	VV	180	3069	0.16%	0.010%
16	3.571	3.564	3.634	VV	206	6501	0.34%	0.022%
17	3.641	3.634	3.656	VV	201	1802	0.10%	0.006%
18	3.680	3.656	3.701	VV	178	3519	0.19%	0.012%
19	3.715	3.701	3.728	VV	166	1858	0.10%	0.006%
20	3.750	3.728	3.811	VV	208	7296	0.38%	0.024%
21	3.822	3.811	3.828	VV	189	1608	0.08%	0.005%
22	3.896	3.828	3.941	VV	471	16583	0.87%	0.055%
23	3.957	3.941	3.990	VV	258	5696	0.30%	0.019%
24	4.011	3.990	4.096	VV	490	14184	0.75%	0.047%
25	4.124	4.096	4.152	VV	247	5683	0.30%	0.019%

				rters	
26	4.220	4.152	4.243	VV	398
27	4.252	4.243	4.276	VV	274
28	4.286	4.276	4.304	VV	201
29	4.331	4.304	4.353	VV	322
30	4.409	4.353	4.435	VV	446
31	4.455	4.435	4.481	VV	301
32	4.487	4.481	4.534	VV	270
33	4.587	4.534	4.602	VV	308
34	4.681	4.602	4.705	VV	478
35	4.730	4.705	4.743	VV	292
36	4.757	4.743	4.780	VV	246
37	4.803	4.780	4.828	VV	224
38	4.848	4.828	4.868	VV	284
39	4.899	4.868	4.908	VV	253
40	4.916	4.908	4.938	VV	262
41	4.968	4.938	4.982	VV	436
42	4.994	4.982	5.011	VV	295
43	5.018	5.011	5.037	VV	254
44	5.048	5.037	5.059	VV	230
45	5.074	5.059	5.088	VV	223
46	5.098	5.088	5.112	VV	254
47	5.136	5.112	5.181	VV	317
48	5.205	5.181	5.223	VV	308
49	5.265	5.223	5.332	VV	180
50	5.365	5.332	5.424	VV	199
51	5.440	5.424	5.458	VV	264
52	5.475	5.458	5.491	VV	347
53	5.506	5.491	5.541	VV	273
54	5.576	5.541	5.598	VV	188
55	5.611	5.598	5.661	VV	281
56	5.701	5.661	5.719	VV	421
57	5.734	5.719	5.746	VV	188
58	5.752	5.746	5.761	VV	197
59	5.824	5.761	5.865	VV	711
60	5.883	5.865	5.908	VV	327
61	5.917	5.908	5.934	VV	222
62	5.954	5.934	5.974	VV	154
63	6.019	5.974	6.043	VV	464
64	6.070	6.043	6.104	VV	208
65	6.123	6.104	6.175	VV	347
66	6.182	6.175	6.188	VV	170
67	6.216	6.188	6.229	VV	261
68	6.243	6.229	6.282	VV	200
69	6.299	6.282	6.331	PV	189

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11410 0.60% 0.038%

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6636 0.35% 0.022%

7056 0.37% 0.023%

7911 0.42% 0.026%

14526 0.77% 0.048%

4784 0.25% 0.016%

4253 0.22% 0.014%

4636 0.24% 0.015%

4969 0.26% 0.017%

4892 0.26% 0.016%

4287 0.23% 0.014%

6775 0.36% 0.023%

3976 0.21% 0.013%

3413 0.18% 0.011%

2414 0.13% 0.008%

3247 0.17% 0.011%

3052 0.16% 0.010%

8507 0.45% 0.028%

4837 0.26% 0.016%

7310 0.39% 0.024%

7361 0.39% 0.024%

3750 0.20% 0.012%

4442 0.23% 0.015%

6009 0.32% 0.020%

4851 0.26% 0.016%

7434 0.39% 0.025%

8499 0.45% 0.028%

2898 0.15% 0.010%

1469 0.08% 0.005%

17681 0.93% 0.059%

6174 0.33% 0.021%

2225 0.12% 0.007%

2966 0.16% 0.010%

9061 0.48% 0.030%

5961 0.31% 0.020%

8824 0.47% 0.029%

1030 0.05% 0.003%

3210 0.17% 0.011%

3934 0.21% 0.013%

3351 0.18% 0.011%

70	6.342	6.331	6.347	VV	209			
71	6.357	6.347	6.381	VV	284			
72	6.406	6.381	6.438	VV	902			
73	6.458	6.438	6.489	VV	310			
74	6.509	6.489	6.586	VV	378			
75	6.601	6.586	6.614	VV	252			
76	6.657	6.614	6.674	VV	313			
77	6.738	6.717	6.754	VV	251			
78	6.779	6.754	6.798	VV	272			
79	6.803	6.798	6.840	VV	281			
80	6.858	6.840	6.910	VV	676			
81	6.937	6.910	6.964	VV	302			
82	6.972	6.964	6.998	VV	285			
83	7.012	6.998	7.036	VV	502			
84	7.147	7.118	7.168	VV	189			
85	7.374	7.309	7.419	VV	369			
86	7.437	7.419	7.463	VV	396			
87	7.509	7.463	7.567	VV	473			
88	7.645	7.630	7.666	VV	581			
89	7.687	7.666	7.734	VV	206			
90	7.852	7.841	7.881	VV	188			
91	7.902	7.881	7.918	VV	145			
92	7.993	7.918	8.004	VV	322			
93	8.011	8.004	8.058	VV	236			
94	8.251	8.228	8.321	VV	443			
95	8.329	8.321	8.364	VV	214			
96	8.386	8.364	8.412	VV	327			
97	8.436	8.412	8.494	VV	487			
98	8.513	8.494	8.541	VV	697			
99	8.550	8.541	8.561	VV	227			
100	8.586	8.561	8.596	VV	307			
101	8.658	8.645	8.670	VV	679			
102	8.817	8.764	8.851	VV	1160			
103	8.867	8.851	8.914	VV	485			
104	8.925	8.914	8.962	VV	290			
105	8.975	8.962	8.988	VV	96			
106	9.115	9.091	9.138	VV	964			
107	9.167	9.138	9.184	VV	504			
108	9.195	9.184	9.215	VV	356			
109	9.237	9.215	9.261	VV	926			
110	9.283	9.261	9.300	VV	260			
111	9.320	9.300	9.332	VV	250			
112	9.357	9.332	9.374	VV	416			

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1513 0.08% 0.005%

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4093 0.22% 0.014%

7529 0.40% 0.025%

3759 0.20% 0.012%

6030 0.32% 0.020%

5830 0.31% 0.019%

12859 0.68% 0.043%

7950 0.42% 0.026%

4097 0.22% 0.014%

7023 0.37% 0.023%

3480 0.18% 0.012%

15006 0.79% 0.050%

6455 0.34% 0.021%

14822 0.78% 0.049%

6639 0.35% 0.022%

5552 0.29% 0.018%

3320 0.18% 0.011%

2657 0.14% 0.009%

7111 0.37% 0.024%

3717 0.20% 0.012%

16420 0.87% 0.055%

4433 0.23% 0.015%

5442 0.29% 0.018%

11562 0.61% 0.038%

12088 0.64% 0.040%

2556 0.13% 0.008%

5204 0.27% 0.017%

8336 0.44% 0.028%

24348 1.28% 0.081%

9302 0.49% 0.031%

5408 0.29% 0.018%

1388 0.07% 0.005%

15973 0.84% 0.053%

10407 0.55% 0.035%

5426 0.29% 0.018%

13348 0.70% 0.044%

4249 0.22% 0.014%

3728 0.20% 0.012%

7210 0.38% 0.024%

						rters
113	9.393	9.374	9.408	VV	723	
114	9.572	9.558	9.594	VV	569	
115	9.688	9.658	9.707	VV	478	
116	9.718	9.707	9.754	VV	298	
117	9.771	9.754	9.784	VV	264	
118	9.872	9.844	9.891	PV	249	
119	10.032	10.017	10.045	VV	340	
120	10.064	10.045	10.076	VV	415	
121	10.230	10.212	10.248	VV	719	
122	10.419	10.388	10.451	VV	235	
123	10.518	10.508	10.536	VV	133	
124	10.662	10.620	10.684	PV	781	
125	10.844	10.821	10.876	PV	861	
126	11.164	11.151	11.188	VV	804	
127	11.195	11.188	11.237	VV	357	
128	11.285	11.237	11.300	VV	384	
129	11.453	11.435	11.498	VV	619	
130	11.514	11.498	11.526	VV	477	
131	11.570	11.550	11.591	VV	396	
132	11.620	11.591	11.658	VV	818	
133	11.690	11.658	11.701	VV	503	
134	11.813	11.786	11.825	VV	433	
135	11.854	11.825	11.890	VV	2099	
136	11.921	11.890	11.941	PV	390	
137	11.984	11.941	12.007	PV	481	
138	12.016	12.007	12.041	VV	305	
139	12.089	12.041	12.114	VV	45851	
140	12.131	12.114	12.147	VV	1552	
141	12.164	12.147	12.187	VV	2058	
142	12.199	12.187	12.214	VV	279	
143	12.249	12.214	12.268	VV	3034	
144	12.282	12.268	12.298	VV	1421	
145	12.315	12.298	12.361	VV	1479	
146	12.434	12.361	12.463	PV	2874	
147	12.487	12.463	12.509	VV	1675	
148	12.533	12.509	12.557	VV	574	
149	12.603	12.557	12.624	VV	612	
150	12.637	12.624	12.648	PV	192	
151	12.679	12.648	12.731	VV	2115	
152	12.746	12.731	12.765	VV	352	
153	12.774	12.765	12.794	VV	206	
154	12.817	12.794	12.870	PV	638	
155	12.901	12.870	12.910	VV	256	

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9865 0.52% 0.033%

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4410 0.23% 0.015%
4238 0.22% 0.014%
6107 0.32% 0.020%

11959 0.63% 0.040%
6254 0.33% 0.021%
1028 0.05% 0.003%
13384 0.71% 0.045%
13985 0.74% 0.047%

11527 0.61% 0.038%
6915 0.36% 0.023%
10986 0.58% 0.037%
14266 0.75% 0.047%
5305 0.28% 0.018%

4921 0.26% 0.016%
16148 0.85% 0.054%
8556 0.45% 0.028%
8858 0.47% 0.029%
31342 1.65% 0.104%

6429 0.34% 0.021%
10440 0.55% 0.035%
4818 0.25% 0.016%
483184 25.47% 1.607%
20707 1.09% 0.069%

25224 1.33% 0.084%
3212 0.17% 0.011%
42447 2.24% 0.141%
16706 0.88% 0.056%
18356 0.97% 0.061%

48557 2.56% 0.161%
22746 1.20% 0.076%
9307 0.49% 0.031%
9216 0.49% 0.031%
1624 0.09% 0.005%

33809 1.78% 0.112%
5122 0.27% 0.017%
1828 0.10% 0.006%
14597 0.77% 0.049%
5184 0.27% 0.017%

rteres					
156	12.940	12.910	12.965	VV	515
157	12.994	12.965	13.014	PV	432
158	13.038	13.014	13.056	VV	1593
159	13.077	13.056	13.120	VV	3496
160	13.156	13.120	13.190	VV	12146
161	13.213	13.190	13.237	VV	402
162	13.254	13.237	13.264	VV	147
163	13.298	13.264	13.323	VV	654
164	13.343	13.323	13.372	VV	776
165	13.389	13.372	13.426	VV	583
166	13.458	13.426	13.486	PV	12224
167	13.526	13.486	13.552	VV	32927
168	13.566	13.552	13.591	VV	4016
169	13.599	13.591	13.619	VV	902
170	13.634	13.619	13.654	VV	784
171	13.693	13.654	13.724	VV	2255
172	13.746	13.724	13.774	VV	2006
173	13.787	13.774	13.838	VV	1052
174	13.881	13.838	13.893	VV	1377
175	13.917	13.893	13.945	VV	1462
176	13.978	13.945	13.991	VV	692
177	14.047	13.991	14.078	VV	2994
178	14.116	14.078	14.131	VV	952
179	14.155	14.131	14.178	VV	2436
180	14.197	14.178	14.214	VV	1674
181	14.229	14.214	14.258	VV	1184
182	14.281	14.258	14.296	VV	2484
183	14.308	14.296	14.351	VV	1939
184	14.368	14.351	14.404	VV	1389
185	14.431	14.404	14.458	VV	671
186	14.503	14.458	14.551	VV	694
187	14.578	14.551	14.588	VV	429
188	14.604	14.588	14.621	VV	293
189	14.662	14.621	14.673	PV	424
190	14.713	14.673	14.727	VV	429
191	14.761	14.727	14.771	VV	982
192	14.809	14.771	14.824	VV	1026
193	14.842	14.824	14.866	VV	2351
194	14.886	14.866	14.908	VV	2132
195	14.922	14.908	14.941	VV	876
196	14.970	14.941	15.008	VV	1555
197	15.031	15.008	15.048	PV	1524
198	15.058	15.048	15.074	VV	579
199	15.092	15.074	15.099	VV	518

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10509 0.55% 0.035%

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8131 0.43% 0.027%

1176 0.06% 0.004%

13563 0.72% 0.045%

15695 0.83% 0.052%

12292 0.65% 0.041%

142178 7.50% 0.473%

434967 22.93% 1.446%

54762 2.89% 0.182%

11566 0.61% 0.038%

13473 0.71% 0.045%

43285 2.28% 0.144%

42269 2.23% 0.141%

22970 1.21% 0.076%

27545 1.45% 0.092%

34526 1.82% 0.115%

15249 0.80% 0.051%

62633 3.30% 0.208%

26704 1.41% 0.089%

39679 2.09% 0.132%

26797 1.41% 0.089%

26119 1.38% 0.087%

39421 2.08% 0.131%

50083 2.64% 0.167%

26033 1.37% 0.087%

17818 0.94% 0.059%

23421 1.23% 0.078%

6370 0.34% 0.021%

4702 0.25% 0.016%

7937 0.42% 0.026%

10135 0.53% 0.034%

15431 0.81% 0.051%

24315 1.28% 0.081%

35840 1.89% 0.119%

32496 1.71% 0.108%

13652 0.72% 0.045%

26744 1.41% 0.089%

18716 0.99% 0.062%

8578 0.45% 0.029%

6665 0.35% 0.022%

200	15.122	15.099	15.140	VV	617
201	15.157	15.140	15.175	VV	429
202	15.220	15.175	15.253	PV	581
203	15.294	15.253	15.308	VV	628
204	15.342	15.308	15.363	VV	6175
205	15.385	15.363	15.412	VV	7772
206	15.436	15.412	15.460	VV	792
207	15.506	15.460	15.538	VV	1750
208	15.543	15.538	15.561	VV	893
209	15.583	15.561	15.627	VV	780
210	15.660	15.627	15.703	VV	623
211	15.716	15.703	15.752	VV	673
212	15.784	15.752	15.811	PV	1395
213	15.830	15.811	15.845	VV	671
214	15.861	15.845	15.878	VV	449
215	15.913	15.878	15.954	PV	1411
216	16.018	15.954	16.039	PV	1772
217	16.059	16.039	16.081	VV	1004
218	16.107	16.081	16.131	VV	432
219	16.182	16.131	16.222	VV	1841
220	16.311	16.222	16.320	VV	1011
221	16.344	16.320	16.357	VV	1239
222	16.376	16.357	16.394	VV	1529
223	16.412	16.394	16.430	VV	2696
224	16.457	16.430	16.496	VV	1725
225	16.518	16.496	16.564	VV	1359
226	16.617	16.564	16.661	VV	2322
227	16.724	16.661	16.742	VV	2478
228	16.826	16.742	16.844	VV	3008
229	16.908	16.844	16.928	VV	10826
230	16.936	16.928	16.966	VV	6034
231	17.039	16.966	17.068	VV	5904
232	17.097	17.068	17.111	VV	5326
233	17.127	17.111	17.149	VV	6115
234	17.232	17.149	17.254	VV	9688
235	17.290	17.254	17.324	VV	10800
236	17.366	17.324	17.380	VV	9838
237	17.399	17.380	17.424	VV	9604
238	17.439	17.424	17.460	VV	8089
239	17.606	17.460	17.618	VV	9733
240	17.651	17.618	17.666	VV	10473
241	17.700	17.666	17.744	VV	11626
242	17.815	17.744	17.842	VV	16040

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10535 0.56% 0.035%

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103660 5.47% 0.345%

15946 0.84% 0.053%

46195 2.44% 0.154%

9593 0.51% 0.032%

15833 0.83% 0.053%

19609 1.03% 0.065%

11586 0.61% 0.039%

26929 1.42% 0.090%

11432 0.60% 0.038%

5334 0.28% 0.018%

28450 1.50% 0.095%

27880 1.47% 0.093%

14400 0.76% 0.048%

8257 0.44% 0.027%

50892 2.68% 0.169%

41604 2.19% 0.138%

23883 1.26% 0.079%

27132 1.43% 0.090%

42178 2.22% 0.140%

57115 3.01% 0.190%

46460 2.45% 0.155%

87266 4.60% 0.290%

85934 4.53% 0.286%

136409 7.19% 0.454%

258348 13.62% 0.859%

100817 5.32% 0.335%

278490 14.68% 0.926%

135171 7.13% 0.450%

128452 6.77% 0.427%

418623 22.07% 1.392%

309106 16.30% 1.028%

261395 13.78% 0.869%

222783 11.75% 0.741%

167903 8.85% 0.558%

808759 42.64% 2.690%

293290 15.46% 0.975%

503668 26.55% 1.675%

709852 37.42% 2.361%

243	17.874	17.842	17.886	VV	12470
244	17.905	17.886	17.922	VV	13175
245	17.953	17.922	17.981	VV	14304

246	18.005	17.981	18.021	VV	13748
247	18.045	18.021	18.054	VV	13074
248	18.098	18.054	18.111	VV	13972
249	18.256	18.111	18.304	VV	22717
250	18.327	18.304	18.338	VV	17925

251	18.424	18.338	18.483	VV	23691
252	18.508	18.483	18.529	VV	20746
253	18.574	18.529	18.584	VV	22021
254	18.600	18.584	18.609	VV	22768
255	18.676	18.609	18.720	VV	30890

256	18.795	18.720	18.817	VV	32121
257	18.831	18.817	18.843	VV	28567
258	18.864	18.843	18.883	VV	28970
259	18.923	18.883	18.956	VV	32980
260	18.966	18.956	18.981	VV	30151

261	19.018	18.981	19.034	VV	31296
262	19.090	19.034	19.124	VV	39577
263	19.140	19.124	19.154	VV	34473
264	19.168	19.154	19.178	VV	34628
265	19.219	19.178	19.244	VV	39296

266	19.267	19.244	19.278	VV	38224
267	19.284	19.278	19.325	VV	37800

Sum of corrected areas: 30070472

Instrument :
FID_E
ClientSampleId :
OR-03-08082025-E2DL

313191 16.51% 1.042%
Manual IntegrationsAPPROVED
Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

250	18.327	18.304	18.338	VV	17925	355029	18.72%	1.181%
251	18.424	18.338	18.483	VV	23691	1730373	91.23%	5.754%
252	18.508	18.483	18.529	VV	20746	556463	29.34%	1.851%
253	18.574	18.529	18.584	VV	22021	683231	36.02%	2.272%
254	18.600	18.584	18.609	VV	22768	345351	18.21%	1.148%
255	18.676	18.609	18.720	VV	30890	1705912	89.94%	5.673%

256	18.795	18.720	18.817	VV	32121	1603366	84.53%	5.332%
257	18.831	18.817	18.843	VV	28567	435807	22.98%	1.449%
258	18.864	18.843	18.883	VV	28970	679082	35.80%	2.258%
259	18.923	18.883	18.956	VV	32980	1331818	70.22%	4.429%
260	18.966	18.956	18.981	VV	30151	451632	23.81%	1.502%

261	19.018	18.981	19.034	VV	31296	985637	51.97%	3.278%
262	19.090	19.034	19.124	VV	39577	1871440	98.67%	6.224%
263	19.140	19.124	19.154	VV	34473	601242	31.70%	1.999%
264	19.168	19.154	19.178	VV	34628	479506	25.28%	1.595%
265	19.219	19.178	19.244	VV	39296	1468836	77.44%	4.885%

266	19.267	19.244	19.278	VV	38224	757976	39.96%	2.521%
267	19.284	19.278	19.325	VV	37800	1025491	54.07%	3.410%

Aliphatic EPH 080125.M Wed Aug 13 08:03:16 2025