

rteres

Instrument :

FID_E

ClientSampleId :

MH-A-EPH

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE04252
Data File : FE053528.D
Signal(s) : FID1B.ch
Acq On : 25 Apr 2025 15:24
Sample : Q1871-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.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	2.822	2.804	2.833	BV	102	742	0.01%	0.001%
2	2.855	2.833	2.890	VV	289	5498	0.10%	0.005%
3	2.901	2.890	2.921	VV	221	2669	0.05%	0.003%
4	2.931	2.921	2.940	VV	174	1421	0.03%	0.001%
5	2.956	2.940	2.966	VV	179	1943	0.03%	0.002%
6	2.976	2.966	2.981	VV	169	1042	0.02%	0.001%
7	2.993	2.981	3.004	VV	159	1597	0.03%	0.002%
8	3.105	3.004	3.197	VV	198	16927	0.30%	0.016%
9	3.213	3.197	3.274	VV	260	7966	0.14%	0.007%
10	3.289	3.274	3.311	VV	178	2863	0.05%	0.003%
11	3.349	3.311	3.366	VV	247	4815	0.09%	0.005%
12	3.375	3.366	3.382	VV	107	1210	0.02%	0.001%
13	3.389	3.382	3.394	VV	138	913	0.02%	0.001%
14	3.409	3.394	3.445	VV	282	6092	0.11%	0.006%
15	3.571	3.445	3.583	VV	277	15112	0.27%	0.014%
16	3.595	3.583	3.641	VV	220	5614	0.10%	0.005%
17	3.667	3.641	3.688	VV	202	5024	0.09%	0.005%
18	3.701	3.688	3.774	VV	457	11815	0.21%	0.011%
19	3.825	3.774	3.835	VV	359	9492	0.17%	0.009%
20	3.843	3.835	3.874	VV	273	5475	0.10%	0.005%
21	3.905	3.874	3.963	VV	446	13806	0.24%	0.013%
22	4.014	3.963	4.025	VV	282	7723	0.14%	0.007%
23	4.051	4.025	4.097	VV	324	10360	0.18%	0.010%
24	4.114	4.097	4.144	VV	283	6678	0.12%	0.006%
25	4.204	4.144	4.268	VV	463	24535	0.43%	0.023%
26	4.282	4.268	4.325	VV	328	9764	0.17%	0.009%
27	4.336	4.325	4.400	VV	306	12043	0.21%	0.011%
28	4.423	4.400	4.460	VV	304	8065	0.14%	0.008%
29	4.480	4.460	4.534	VV	420	11166	0.20%	0.011%
30	4.544	4.534	4.594	VV	244	7192	0.13%	0.007%
31	4.601	4.594	4.621	VV	276	3797	0.07%	0.004%
32	4.651	4.621	4.684	VV	463	9851	0.17%	0.009%
33	4.711	4.684	4.818	VV	1225	44538	0.79%	0.042%
34	4.827	4.818	4.874	VV	350	9030	0.16%	0.008%
35	4.911	4.874	4.961	VV	338	13883	0.25%	0.013%
36	4.975	4.961	4.998	VV	295	5626	0.10%	0.005%

					rters			
37	5.027	4.998	5.074	VV	308	9676	0.17%	0.009%
38	5.087	5.074	5.104	VV	249	3241		
39	5.116	5.104	5.125	VV	193	1825		
40	5.159	5.125	5.218	VV	261	9021		
41	5.231	5.218	5.260	VV	148	3261		
42	5.272	5.260	5.294	VV	158	2637		
43	5.314	5.294	5.337	VV	210	3326	0.06%	0.003%
44	5.368	5.337	5.408	VV	213	5805	0.10%	0.005%
45	5.434	5.408	5.554	VV	889	23654	0.42%	0.022%
46	5.558	5.554	5.591	VV	184	1896	0.03%	0.002%
47	5.625	5.591	5.667	PV	272	6660	0.12%	0.006%
48	5.712	5.667	5.728	VV	298	7142	0.13%	0.007%
49	5.732	5.728	5.739	VV	194	1090	0.02%	0.001%
50	5.749	5.739	5.768	VV	176	2390	0.04%	0.002%
51	5.806	5.768	5.855	VV	196	6736	0.12%	0.006%
52	5.909	5.855	5.918	VV	690	13089	0.23%	0.012%
53	5.937	5.918	5.951	VV	1053	16606	0.29%	0.016%
54	5.962	5.951	6.045	VV	899	27367	0.48%	0.026%
55	6.053	6.045	6.085	VV	236	4707	0.08%	0.004%
56	6.101	6.085	6.141	VV	194	5326	0.09%	0.005%
57	6.150	6.141	6.161	VV	184	1606	0.03%	0.002%
58	6.197	6.161	6.317	VV	3780	74258	1.31%	0.070%
59	6.341	6.317	6.349	VV	244	3416	0.06%	0.003%
60	6.372	6.349	6.401	VV	304	5994	0.11%	0.006%
61	6.430	6.401	6.462	VV	224	6077	0.11%	0.006%
62	6.472	6.462	6.481	VV	182	1827	0.03%	0.002%
63	6.503	6.481	6.556	VV	463	10461	0.18%	0.010%
64	6.578	6.556	6.591	VV	257	4028	0.07%	0.004%
65	6.608	6.591	6.619	VV	189	2628	0.05%	0.002%
66	6.625	6.619	6.636	VV	145	1136	0.02%	0.001%
67	6.659	6.636	6.708	PV	235	5324	0.09%	0.005%
68	6.734	6.708	6.748	PV	112	1840	0.03%	0.002%
69	6.775	6.748	6.790	VV	365	6440	0.11%	0.006%
70	6.807	6.790	6.824	VV	353	4782	0.08%	0.004%
71	6.846	6.824	6.899	VV	263	6698	0.12%	0.006%
72	6.941	6.899	6.958	VV	434	6734	0.12%	0.006%
73	6.983	6.958	6.995	VV	524	6616	0.12%	0.006%
74	7.008	6.995	7.031	VV	477	8592	0.15%	0.008%
75	7.065	7.031	7.141	VV	1186	29760	0.53%	0.028%
76	7.148	7.141	7.174	VV	268	3533	0.06%	0.003%
77	7.199	7.174	7.218	VV	1065	16218	0.29%	0.015%
78	7.230	7.218	7.261	VV	672	12112	0.21%	0.011%
79	7.296	7.261	7.364	VV	13072	199436	3.52%	0.188%
80	7.388	7.364	7.406	VV	1533	26558	0.47%	0.025%
81	7.431	7.406	7.535	VV	27499	342456	6.05%	0.322%
82	7.609	7.535	7.646	VV	791	25404	0.45%	0.024%
83	7.666	7.646	7.714	VV	461	12789	0.23%	0.012%
84	7.736	7.714	7.763	PV	135	3215	0.06%	0.003%
85	7.784	7.763	7.814	VV	423	6742	0.12%	0.006%
86	7.834	7.814	7.871	VV	352	6665	0.12%	0.006%
87	8.038	8.013	8.114	VV	2183	84386	1.49%	0.079%
88	8.139	8.114	8.164	VV	2034	31895	0.56%	0.030%
89	8.198	8.164	8.232	VV	7585	131309	2.32%	0.123%

Instrument :

FID_E

ClientSampleId :

MH-A-EPH

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2025

Supervised By :mohammad ahmed 05/02/2025

				rters				
142	11.102	11.052	11.150	VV	354503	4052684	71.58%	3.812%
143	11.177	11.150	11.218	VV	79509	1003515	17.23%	0.173%
144	11.234	11.218	11.252	VV	3916	68372	5.72%	0.045%
145	11.274	11.252	11.302	VV	3766	94332	4.10%	0.032%
146	11.316	11.302	11.339	VV	3262	47741	6.14%	0.051%
147	11.361	11.339	11.381	VV	1769	35758	4.95%	0.037%
148	11.410	11.381	11.433	VV	14796	246420	4.35%	0.232%
149	11.463	11.433	11.481	VV	9942	217804	3.85%	0.205%
150	11.498	11.481	11.519	VV	11786	183423	3.24%	0.173%
151	11.531	11.519	11.540	VV	6222	68291	1.21%	0.064%
152	11.554	11.540	11.566	VV	8342	105189	1.86%	0.099%
153	11.592	11.566	11.605	VV	7793	167717	2.96%	0.158%
154	11.630	11.605	11.671	VV	39706	697553	12.32%	0.656%
155	11.700	11.671	11.725	VV	11687	199529	3.52%	0.188%
156	11.758	11.725	11.783	VV	33868	479044	8.46%	0.451%
157	11.800	11.783	11.839	VV	8340	166458	2.94%	0.157%
158	11.872	11.839	11.892	VV	512352	5662037	100.00%	5.325%
159	11.908	11.892	11.924	VV	113952	1300584	22.97%	1.223%
160	11.940	11.924	11.980	VV	132772	1587783	28.04%	1.493%
161	12.022	11.980	12.039	VV	75616	1279450	22.60%	1.203%
162	12.057	12.039	12.072	VV	77599	936241	16.54%	0.881%
163	12.088	12.072	12.137	VV	100109	1260894	22.27%	1.186%
164	12.162	12.137	12.179	VV	3651	53638	0.95%	0.050%
165	12.227	12.179	12.262	VV	7243	253842	4.48%	0.239%
166	12.308	12.262	12.336	VV	13496	378567	6.69%	0.356%
167	12.344	12.336	12.357	VV	3020	32909	0.58%	0.031%
168	12.381	12.357	12.400	VV	30283	398343	7.04%	0.375%
169	12.411	12.400	12.425	VV	14460	175197	3.09%	0.165%
170	12.443	12.425	12.494	VV	20072	382193	6.75%	0.359%
171	12.527	12.494	12.543	VV	12303	198547	3.51%	0.187%
172	12.560	12.543	12.574	VV	11768	157362	2.78%	0.148%
173	12.589	12.574	12.602	VV	10456	148619	2.62%	0.140%
174	12.655	12.602	12.681	VV	18530	575125	10.16%	0.541%
175	12.701	12.681	12.744	VV	38411	725247	12.81%	0.682%
176	12.776	12.744	12.788	VV	18221	286699	5.06%	0.270%
177	12.812	12.788	12.832	VV	96802	1296666	22.90%	1.220%
178	12.847	12.832	12.863	VV	39832	601216	10.62%	0.565%
179	12.875	12.863	12.904	VV	35154	572766	10.12%	0.539%
180	12.929	12.904	12.987	VV	288875	3620364	63.94%	3.405%
181	13.026	12.987	13.041	VV	8522	133969	2.37%	0.126%
182	13.061	13.041	13.070	VV	11929	163461	2.89%	0.154%
183	13.086	13.070	13.100	VV	18910	243746	4.30%	0.229%
184	13.116	13.100	13.133	VV	27950	362594	6.40%	0.341%
185	13.146	13.133	13.200	VV	18525	487162	8.60%	0.458%
186	13.229	13.200	13.265	VV	347168	4048769	71.51%	3.808%
187	13.316	13.265	13.349	VV	364552	4923733	86.96%	4.631%
188	13.365	13.349	13.383	VV	9183	168830	2.98%	0.159%
189	13.401	13.383	13.420	VV	12874	209368	3.70%	0.197%
190	13.434	13.420	13.459	VV	9265	137543	2.43%	0.129%
191	13.504	13.459	13.538	VV	18602	471761	8.33%	0.444%
192	13.560	13.538	13.601	VV	24204	410289	7.25%	0.386%
193	13.625	13.601	13.638	VV	16633	209104	3.69%	0.197%
194	13.653	13.638	13.667	VV	17055	243706	4.30%	0.229%

Instrument :

FID_E

ClientSampleId :

MH-A-EPH

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2025

Supervised By :mohammad ahmed 05/02/2025

							Instrument : FID_E	
							ClientSampleId : MH-A-EPH	
rteres							15.77% 0.840%	
195	13.689	13.667	13.763	VV	38633	892783	Manual IntegrationsAPPROVED	
196	13.820	13.763	13.864	VV	76557	1542865	27.00%	0.840%
197	13.884	13.864	13.902	VV	8296	148303	2.00%	0.840%
198	13.928	13.902	13.947	VV	41970	565653	9.00%	0.840%
199	13.967	13.947	14.035	VV	67109	1127978	19.00%	0.840%
200	14.097	14.035	14.118	VV	65642	1112632	19.00%	0.840%
201	14.137	14.118	14.194	VV	53908	805531	14.23%	0.758%
202	14.217	14.194	14.241	VV	4389	94010	1.66%	0.088%
203	14.291	14.241	14.315	VV	4935	144995	2.56%	0.136%
204	14.329	14.315	14.366	VV	2605	41467	0.73%	0.039%
205	14.407	14.366	14.423	PV	6641	106016	1.87%	0.100%
206	14.438	14.423	14.470	VV	5629	110062	1.94%	0.104%
207	14.527	14.470	14.544	VV	19986	500474	8.84%	0.471%
208	14.558	14.544	14.597	VV	20126	399793	7.06%	0.376%
209	14.635	14.597	14.643	VV	15056	259042	4.58%	0.244%
210	14.660	14.643	14.712	VV	20655	459510	8.12%	0.432%
211	14.737	14.712	14.776	VV	33550	695675	12.29%	0.654%
212	14.798	14.776	14.821	VV	51115	766106	13.53%	0.721%
213	14.830	14.821	14.849	VV	13836	193247	3.41%	0.182%
214	14.868	14.849	14.898	VV	14196	265534	4.69%	0.250%
215	14.921	14.898	14.941	VV	10151	170068	3.00%	0.160%
216	14.961	14.941	14.971	VV	11179	162494	2.87%	0.153%
217	14.985	14.971	15.048	VV	13879	267819	4.73%	0.252%
218	15.114	15.048	15.135	PV	124258	1757261	31.04%	1.653%
219	15.154	15.135	15.239	VV	118730	1859817	32.85%	1.749%
220	15.275	15.239	15.306	VV	33441	629391	11.12%	0.592%
221	15.317	15.306	15.384	VV	11816	340770	6.02%	0.321%
222	15.425	15.384	15.449	VV	18299	360704	6.37%	0.339%
223	15.470	15.449	15.491	VV	12478	228865	4.04%	0.215%
224	15.510	15.491	15.526	VV	7692	133975	2.37%	0.126%
225	15.565	15.526	15.641	VV	26078	792382	13.99%	0.745%
226	15.670	15.641	15.680	VV	6793	118760	2.10%	0.112%
227	15.701	15.680	15.723	VV	10921	191016	3.37%	0.180%
228	15.744	15.723	15.763	VV	13191	196054	3.46%	0.184%
229	15.789	15.763	15.810	VV	63744	861358	15.21%	0.810%
230	15.827	15.810	15.859	VV	28372	466817	8.24%	0.439%
231	15.953	15.859	15.988	VV	28919	1202550	21.24%	1.131%
232	16.023	15.988	16.051	VV	10158	250233	4.42%	0.235%
233	16.071	16.051	16.093	VV	6705	124087	2.19%	0.117%
234	16.113	16.093	16.138	VV	7659	129991	2.30%	0.122%
235	16.146	16.138	16.155	VV	2633	25638	0.45%	0.024%
236	16.200	16.155	16.274	VV	6547	273030	4.82%	0.257%
237	16.292	16.274	16.307	VV	3096	46615	0.82%	0.044%
238	16.321	16.307	16.344	VV	3109	49265	0.87%	0.046%
239	16.390	16.344	16.410	VV	11914	225244	3.98%	0.212%
240	16.427	16.410	16.448	VV	10074	145763	2.57%	0.137%
241	16.492	16.448	16.518	VV	11464	311524	5.50%	0.293%
242	16.557	16.518	16.569	VV	7778	198902	3.51%	0.187%
243	16.592	16.569	16.634	VV	14576	335332	5.92%	0.315%
244	16.679	16.634	16.748	VV	96340	2137186	37.75%	2.010%
245	16.757	16.748	16.783	VV	4398	74110	1.31%	0.070%
246	16.810	16.783	16.836	VV	20053	309566	5.47%	0.291%

							Instrument : FID_E	
							ClientSampleId : MH-A-EPH	
rteres							Manual IntegrationsAPPROVED	
247	16.845	16.836	16.891	VV	3883	88283	1.56%	0.083%
248	16.969	16.891	16.979	PV	20408	315518	5.24%	0.172%
249	17.000	16.979	17.031	VV	66828	955118	16.38%	0.446%
250	17.060	17.031	17.104	VV	84688	1304643	23.75%	0.093%
251	17.113	17.104	17.130	VV	6110	84349	1.24%	0.172%
252	17.161	17.130	17.192	VV	23854	432930	7.49%	0.172%
253	17.213	17.192	17.249	VV	7810	183332	3.24%	0.172%
254	17.303	17.249	17.346	VV	13612	474275	8.38%	0.446%
255	17.363	17.346	17.384	VV	6269	98841	1.75%	0.093%
256	17.429	17.384	17.503	VV	14995	580938	10.26%	0.546%
257	17.561	17.503	17.573	PV	13765	254018	4.49%	0.239%
258	17.587	17.573	17.623	VV	14984	264364	4.67%	0.249%
259	17.650	17.623	17.666	VV	9813	164011	2.90%	0.154%
260	17.676	17.666	17.694	VV	7597	105938	1.87%	0.100%
261	17.720	17.694	17.749	VV	14128	298614	5.27%	0.281%
262	17.762	17.749	17.803	VV	6719	134958	2.38%	0.127%
263	17.838	17.803	17.886	VV	3938	111195	1.96%	0.105%
264	17.908	17.886	17.954	VV	2977	60831	1.07%	0.057%
265	18.033	17.954	18.084	VV	7104	274638	4.85%	0.258%
266	18.153	18.084	18.189	VV	5616	235940	4.17%	0.222%
267	18.223	18.189	18.255	VV	5943	180965	3.20%	0.170%
268	18.285	18.255	18.313	VV	3850	108839	1.92%	0.102%
269	18.345	18.313	18.391	VV	13558	307426	5.43%	0.289%
270	18.440	18.391	18.506	VV	38034	1015414	17.93%	0.955%
271	18.520	18.506	18.544	VV	5984	103188	1.82%	0.097%
272	18.572	18.544	18.586	VV	10364	174770	3.09%	0.164%
273	18.603	18.586	18.661	VV	11349	320407	5.66%	0.301%
274	18.694	18.661	18.753	VV	42373	771958	13.63%	0.726%
275	18.777	18.753	18.794	VV	4463	91412	1.61%	0.086%
276	18.830	18.794	18.858	VV	12357	278081	4.91%	0.262%
277	18.871	18.858	18.907	VV	4967	80430	1.42%	0.076%
278	18.935	18.907	18.956	PV	2462	44585	0.79%	0.042%
279	19.009	18.956	19.075	VV	4442	198861	3.51%	0.187%
280	19.130	19.075	19.162	VV	7654	205429	3.63%	0.193%
281	19.175	19.162	19.187	VV	4001	57486	1.02%	0.054%
282	19.210	19.187	19.243	VV	8120	183564	3.24%	0.173%
283	19.273	19.243	19.323	VV	7368	220554	3.90%	0.207%
284	19.382	19.323	19.438	VV	8734	305973	5.40%	0.288%
285	19.446	19.438	19.453	VV	2104	19084	0.34%	0.018%
286	19.467	19.453	19.481	VV	2250	33981	0.60%	0.032%
287	19.496	19.481	19.527	VV	1863	46553	0.82%	0.044%
288	19.556	19.527	19.604	VV	1734	62896	1.11%	0.059%
289	19.661	19.604	19.698	VV	3903	140872	2.49%	0.132%
290	19.717	19.698	19.738	VV	3532	73995	1.31%	0.070%
291	19.784	19.738	19.803	VV	3665	122774	2.17%	0.115%
292	19.861	19.803	19.898	VV	13086	467277	8.25%	0.439%
293	19.930	19.898	19.966	VV	15042	463204	8.18%	0.436%
294	20.015	19.966	20.103	VV	9676	658632	11.63%	0.619%
295	20.146	20.103	20.188	VV	7315	312330	5.52%	0.294%
296	20.241	20.188	20.286	VV	18472	698006	12.33%	0.656%
297	20.310	20.286	20.328	VV	11984	288871	5.10%	0.272%
298	20.343	20.328	20.356	VV	11734	198305	3.50%	0.187%
299	20.381	20.356	20.428	VV	11989	474126	8.37%	0.446%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

					rters			
300	20.507	20.428	20.518	VV	10852	546146	9.65%	0.514%
301	20.525	20.518	20.531	VV	10664	85544		
302	20.557	20.531	20.571	VV	11058	259975		
303	20.586	20.571	20.604	VV	10627	207831		
304	20.759	20.604	20.791	VV	13056	1269392	22.83%	0.514%
305	20.821	20.791	20.861	VV	12269	504770	8.27%	0.514%
306	20.902	20.861	20.998	VV	13042	986617	17.43%	0.928%
307	21.007	20.998	21.038	VV	10978	253683	4.48%	0.239%
308	21.137	21.038	21.198	VV	10983	1009672	17.83%	0.950%
309	21.202	21.198	21.208	VV	9844	61584	1.09%	0.058%
310	21.220	21.208	21.237	VV	9785	164618	2.91%	0.155%
311	21.249	21.237	21.282	VV	9595	256489	4.53%	0.241%
312	21.288	21.282	21.319	VV	9335	205459	3.63%	0.193%
313	21.358	21.319	21.431	VV	9224	580719	10.26%	0.546%
314	21.454	21.431	21.495	VV	7903	293374	5.18%	0.276%
315	21.552	21.495	21.597	VV	8335	468450	8.27%	0.441%
316	21.678	21.597	21.784	VV	8467	860551	15.20%	0.809%
317	21.855	21.784	21.916	VV	6735	511584	9.04%	0.481%
318	21.935	21.916	21.989	VV	5499	228202	4.03%	0.215%
319	22.032	21.989	22.108	VV	5135	336214	5.94%	0.316%
320	22.164	22.108	22.364	VV	4295	387609	6.85%	0.365%
321	22.377	22.364	22.387	VV	163	1542	0.03%	0.001%
Sum of corrected areas:						106323363		

Instrument :
FID_E
ClientSampleId :
MH-A-EPH

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2025
Supervised By :mohammad ahmed 05/02/2025

Aliphatic EPH 041725.M Fri Apr 25 23:51:54 2025