

Instrument :

FID_E

ClientSampleId :

CP-5MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE

Data File : FE043113.D

Signal(s) : FID1B.ch

Acq On : 06 Jul 2023 18:03

Sample : 03514-04MSD

Misc :

ALS Vial : 19 Sample Multiplier: 1

Reviewed By :Yogesh Patel 07/07/2023

Supervised By :Ankita Jodhani 07/07/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.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	3.234	3.205	3.254	BV	4911	49176	0.43%	0.021%
2	3.284	3.254	3.398	VV	391296	4049375	35.65%	1.743%
3	3.426	3.398	3.458	VV	636	15332	0.13%	0.007%
4	3.469	3.458	3.518	VV	644	11696	0.10%	0.005%
5	3.523	3.518	3.551	VV	179	2200	0.02%	0.001%
6	3.560	3.551	3.578	VV	108	1159	0.01%	0.000%
7	3.598	3.578	3.608	VV	268	2572	0.02%	0.001%
8	3.626	3.608	3.640	VV	471	6625	0.06%	0.003%
9	3.654	3.640	3.688	VV	507	9669	0.09%	0.004%
10	3.710	3.688	3.728	VV	1122	14444	0.13%	0.006%
11	3.760	3.728	3.844	VV	6880	90424	0.80%	0.039%
12	3.877	3.844	3.941	VV	4448	60645	0.53%	0.026%
13	3.963	3.941	4.010	VV	751	15021	0.13%	0.006%
14	4.031	4.010	4.048	VV	440	6458	0.06%	0.003%
15	4.073	4.048	4.092	VV	374	7271	0.06%	0.003%
16	4.102	4.092	4.128	VV	196	3901	0.03%	0.002%
17	4.149	4.128	4.205	VV	431	13268	0.12%	0.006%
18	4.238	4.205	4.247	VV	991	14994	0.13%	0.006%
19	4.261	4.247	4.293	VV	1422	22485	0.20%	0.010%
20	4.305	4.293	4.332	VV	369	6566	0.06%	0.003%
21	4.340	4.332	4.395	VV	292	6844	0.06%	0.003%
22	4.405	4.395	4.420	VV	230	2550	0.02%	0.001%
23	4.432	4.420	4.486	VV	225	6969	0.06%	0.003%
24	4.537	4.486	4.555	VV	460952	4509141	39.70%	1.941%
25	4.574	4.555	4.685	VV	484408	4968620	43.75%	2.139%
26	4.693	4.685	4.730	VV	1117	23020	0.20%	0.010%
27	4.748	4.730	4.799	VV	775	24978	0.22%	0.011%
28	4.817	4.799	4.865	VV	619	18540	0.16%	0.008%
29	4.895	4.865	4.939	VV	408	14387	0.13%	0.006%
30	4.954	4.939	5.027	VV	356	16400	0.14%	0.007%
31	5.038	5.027	5.072	VV	443	8677	0.08%	0.004%

32	5.083	5.072	5.151	VV	276	9716	0.09%	0.004%
33	5.196	5.151	5.227	VV	867	1641		
34	5.238	5.227	5.284	VV	329	806		
35	5.304	5.284	5.355	VV	383	1106		
36	5.381	5.355	5.397	VV	464	649		
37	5.409	5.397	5.434	VV	200	3128	0.03%	0.001%
38	5.454	5.434	5.511	VV	757	19303	0.17%	0.008%
39	5.530	5.511	5.595	VV	551	12470	0.11%	0.005%
40	5.641	5.595	5.655	VV	118	2924	0.03%	0.001%
41	5.673	5.655	5.744	VV	1877	27500	0.24%	0.012%
42	5.780	5.744	5.822	VV	372	8469	0.07%	0.004%
43	5.867	5.822	5.897	VV	153	4354	0.04%	0.002%
44	5.923	5.897	6.015	VV	2531	32871	0.29%	0.014%
45	6.024	6.015	6.033	PV	83	678	0.01%	0.000%
46	6.044	6.033	6.074	VV	86	1740	0.02%	0.001%
47	6.096	6.074	6.141	VV	144	2660	0.02%	0.001%
48	6.150	6.141	6.182	VV	56	1084	0.01%	0.000%
49	6.244	6.182	6.405	PV	518113	5591788	49.23%	2.407%
50	6.412	6.405	6.479	VV	1226	40933	0.36%	0.018%
51	6.496	6.479	6.541	VV	755	24931	0.22%	0.011%
52	6.549	6.541	6.625	VV	754	31235	0.28%	0.013%
53	6.629	6.625	6.648	VV	655	7992	0.07%	0.003%
54	6.651	6.648	6.666	VV	647	6128	0.05%	0.003%
55	6.706	6.666	6.841	VV	514478	5383682	47.40%	2.318%
56	6.859	6.841	6.981	VV	833	40489	0.36%	0.017%
57	6.988	6.981	7.016	VV	349	6030	0.05%	0.003%
58	7.032	7.016	7.081	VV	390	9093	0.08%	0.004%
59	7.109	7.081	7.125	VV	630	8960	0.08%	0.004%
60	7.155	7.125	7.195	VV	505	17396	0.15%	0.007%
61	7.216	7.195	7.224	VV	1206	15611	0.14%	0.007%
62	7.247	7.224	7.304	VV	6855	107547	0.95%	0.046%
63	7.342	7.304	7.515	VV	540638	5861914	51.61%	2.524%
64	7.544	7.515	7.558	VV	1945	37568	0.33%	0.016%
65	7.566	7.558	7.601	VV	1615	27844	0.25%	0.012%
66	7.619	7.601	7.638	VV	1173	19565	0.17%	0.008%
67	7.654	7.638	7.698	VV	1411	33402	0.29%	0.014%
68	7.718	7.698	7.766	VV	648	20570	0.18%	0.009%
69	7.827	7.766	7.861	VV	755	19907	0.18%	0.009%
70	7.876	7.861	7.923	VV	342	9011	0.08%	0.004%
71	8.191	8.181	8.208	VV	720	10128	0.09%	0.004%
72	8.225	8.208	8.257	VV	1091	21323	0.19%	0.009%
73	8.282	8.257	8.336	VV	837	24014	0.21%	0.010%
74	8.354	8.336	8.378	VV	410	8768	0.08%	0.004%
75	8.393	8.378	8.403	VV	402	4964	0.04%	0.002%
76	8.437	8.403	8.474	VV	784	22308	0.20%	0.010%
77	8.536	8.474	8.611	VV	562327	5934318	52.25%	2.555%
78	8.645	8.611	8.755	VV	554114	5933672	52.24%	2.555%
79	8.772	8.755	8.818	VV	1249	31476	0.28%	0.014%

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Supervised By :Ankita Jodhani 07/07/2023

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80	8.944	8.913	9.065	VV	581359	6286119	55.35%	2.706%
81	9.070	9.065	9.205	VV	1388	6743		
82	9.266	9.205	9.332	VV	1974	6899		
83	9.361	9.332	9.485	VV	1133	3116		
84	9.495	9.485	9.505	VV	128	97		
85	9.518	9.505	9.555	VV	167	3069	0.03%	0.001%
86	9.561	9.555	9.581	VV	89	1225	0.01%	0.001%
87	9.604	9.581	9.625	PV	146	1488	0.01%	0.001%
88	9.658	9.625	9.677	VV	171	2149	0.02%	0.001%
89	9.733	9.677	9.900	PV	563030	6230345	54.85%	2.682%
90	9.919	9.900	9.933	VV	1638	22642	0.20%	0.010%
91	9.951	9.933	9.994	VV	2500	46177	0.41%	0.020%
92	10.019	9.994	10.106	VV	12750	233824	2.06%	0.101%
93	10.143	10.106	10.294	VV	539962	6188879	54.49%	2.664%
94	10.317	10.294	10.355	VV	392	8356	0.07%	0.004%
95	10.426	10.355	10.465	VV	290	8790	0.08%	0.004%
96	10.487	10.465	10.515	VV	1624	22838	0.20%	0.010%
97	10.529	10.515	10.552	VV	482	7295	0.06%	0.003%
98	10.577	10.552	10.599	VV	248	5056	0.04%	0.002%
99	10.624	10.599	10.645	VV	249	5548	0.05%	0.002%
100	10.663	10.645	10.722	VV	721	11814	0.10%	0.005%
101	10.811	10.722	10.825	VV	611	14946	0.13%	0.006%
102	10.839	10.825	10.859	VV	687	8870	0.08%	0.004%
103	10.881	10.859	10.907	VV	1300	17949	0.16%	0.008%
104	10.933	10.907	11.054	VV	5607	131036	1.15%	0.056%
105	11.140	11.054	11.186	VV	537542	5977224	52.63%	2.573%
106	11.216	11.186	11.321	VV	519116	5982690	52.67%	2.576%
107	11.330	11.321	11.368	VV	1873	37808	0.33%	0.016%
108	11.385	11.368	11.421	VV	1185	26325	0.23%	0.011%
109	11.444	11.421	11.460	VV	910	16420	0.14%	0.007%
110	11.475	11.460	11.490	VV	764	13429	0.12%	0.006%
111	11.515	11.490	11.547	VV	1698	33257	0.29%	0.014%
112	11.586	11.547	11.648	VV	551571	6409518	56.43%	2.759%
113	11.666	11.648	11.731	VV	1139	31695	0.28%	0.014%
114	11.739	11.731	11.762	VV	287	4726	0.04%	0.002%
115	11.777	11.762	11.800	VV	330	3981	0.04%	0.002%
116	11.825	11.800	11.842	PV	168	3046	0.03%	0.001%
117	11.904	11.842	12.031	VV	468095	5280683	46.49%	2.273%
118	12.039	12.031	12.054	VV	498	6556	0.06%	0.003%
119	12.068	12.054	12.088	VV	687	10080	0.09%	0.004%
120	12.097	12.088	12.115	VV	536	6659	0.06%	0.003%
121	12.129	12.115	12.171	VV	304	6407	0.06%	0.003%
122	12.188	12.171	12.205	VV	262	3202	0.03%	0.001%
123	12.252	12.205	12.288	VV	1109	22129	0.19%	0.010%
124	12.308	12.288	12.325	VV	340	4780	0.04%	0.002%
125	12.347	12.325	12.368	VV	496	8424	0.07%	0.004%
126	12.378	12.368	12.398	VV	271	3623	0.03%	0.002%

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127	12.411	12.398	12.470	VV	335	4646	0.04%	0.002%
128	12.504	12.470	12.564	PV	6402	7305		
129	12.591	12.564	12.611	VV	225	448		
130	12.667	12.611	12.691	VV	758	1809		
131	12.717	12.691	12.726	VV	952	1462		
132	12.741	12.726	12.773	VV	1362	20989	0.18%	0.009%
133	12.802	12.773	12.815	VV	219	4037	0.04%	0.002%
134	12.835	12.815	12.857	VV	961	14233	0.13%	0.006%
135	12.896	12.857	12.929	VV	513856	6135254	54.02%	2.641%
136	12.961	12.929	13.121	VV	485939	5739848	50.54%	2.471%
137	13.149	13.121	13.205	VV	3450	53414	0.47%	0.023%
138	13.260	13.205	13.301	VV	494438	5676349	49.98%	2.444%
139	13.341	13.301	13.426	VV	364227	4426542	38.97%	1.906%
140	13.450	13.426	13.471	VV	738	15255	0.13%	0.007%
141	13.507	13.471	13.615	VV	495748	6034274	53.13%	2.598%
142	13.629	13.615	13.681	VV	244	5898	0.05%	0.003%
143	13.711	13.681	13.757	VV	233	6487	0.06%	0.003%
144	13.768	13.757	13.798	VV	144	2580	0.02%	0.001%
145	13.881	13.798	13.901	PV	304	8810	0.08%	0.004%
146	13.933	13.901	13.950	VV	1352	21058	0.19%	0.009%
147	13.967	13.950	14.002	VV	1071	19670	0.17%	0.008%
148	14.011	14.002	14.020	VV	353	3167	0.03%	0.001%
149	14.044	14.020	14.057	VV	1049	14703	0.13%	0.006%
150	14.094	14.057	14.205	VV	480644	5942208	52.32%	2.558%
151	14.211	14.205	14.228	VV	205	2464	0.02%	0.001%
152	14.238	14.228	14.254	VV	182	2238	0.02%	0.001%
153	14.273	14.254	14.348	VV	562	11279	0.10%	0.005%
154	14.355	14.348	14.398	VV	153	2396	0.02%	0.001%
155	14.461	14.398	14.471	VV	184	5300	0.05%	0.002%
156	14.538	14.471	14.595	VV	11767	199885	1.76%	0.086%
157	14.600	14.595	14.625	VV	643	8122	0.07%	0.003%
158	14.654	14.625	14.678	VV	2265	34113	0.30%	0.015%
159	14.718	14.678	14.745	VV	1101	26493	0.23%	0.011%
160	14.778	14.745	14.826	VV	984	22747	0.20%	0.010%
161	14.888	14.826	14.925	VV	359	10338	0.09%	0.004%
162	14.943	14.925	14.964	VV	211	3128	0.03%	0.001%
163	15.035	14.964	15.105	PV	872	21670	0.19%	0.009%
164	15.142	15.105	15.162	VV	438778	5446108	47.95%	2.345%
165	15.189	15.162	15.322	VV	670887	11357986	100.00%	4.890%
166	15.330	15.322	15.343	VV	582	6528	0.06%	0.003%
167	15.369	15.343	15.428	VV	719	22017	0.19%	0.009%
168	15.442	15.428	15.455	VV	318	4144	0.04%	0.002%
169	15.458	15.455	15.474	VV	222	2124	0.02%	0.001%
170	15.493	15.474	15.514	VV	520	6911	0.06%	0.003%
171	15.530	15.514	15.540	VV	237	2895	0.03%	0.001%
172	15.583	15.540	15.688	VV	18408	507775	4.47%	0.219%
173	15.714	15.688	15.751	VV	3837	63891	0.56%	0.028%
174	15.784	15.751	15.828	VV	8949	137906	1.21%	0.059%

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Supervised By :Ankita Jodhani 07/07/2023

175	15.843	15.828	15.878	VV	845	16403	0.14%	0.007%
176	15.900	15.878	15.915	VV	226	303		
177	15.933	15.915	15.947	PV	229	154		
178	15.996	15.947	16.031	PV	464	1246		
179	16.084	16.031	16.095	VV	590	1272		
180	16.122	16.095	16.148	VV	570	15462	0.14%	0.007%
181	16.219	16.148	16.264	VV	417275	5611250	49.40%	2.416%
182	16.282	16.264	16.318	VV	908	14776	0.13%	0.006%
183	16.339	16.318	16.356	VV	229	3824	0.03%	0.002%
184	16.361	16.356	16.378	VV	137	1364	0.01%	0.001%
185	16.409	16.378	16.446	PV	2328	32815	0.29%	0.014%
186	16.475	16.446	16.484	VV	189	3687	0.03%	0.002%
187	16.511	16.484	16.548	PV	483	10491	0.09%	0.005%
188	16.612	16.548	16.647	VV	2351	62876	0.55%	0.027%
189	16.703	16.647	16.719	VV	401367	5642579	49.68%	2.429%
190	16.736	16.719	16.807	VV	471695	5710730	50.28%	2.459%
191	16.832	16.807	16.884	VV	11877	200897	1.77%	0.086%
192	16.897	16.884	16.945	VV	854	18907	0.17%	0.008%
193	16.965	16.945	16.997	VV	647	12517	0.11%	0.005%
194	17.084	16.997	17.130	VV	402852	5257284	46.29%	2.263%
195	17.168	17.130	17.202	VV	406304	5515970	48.56%	2.375%
196	17.213	17.202	17.238	VV	4436	62091	0.55%	0.027%
197	17.244	17.238	17.306	VV	1439	24139	0.21%	0.010%
198	17.336	17.306	17.355	PV	238	3717	0.03%	0.002%
199	17.405	17.355	17.438	VV	596	13698	0.12%	0.006%
200	17.501	17.438	17.525	PV	704	17950	0.16%	0.008%
201	17.578	17.525	17.589	VV	1415	33737	0.30%	0.015%
202	17.615	17.589	17.666	VV	5802	99483	0.88%	0.043%
203	17.704	17.666	17.717	VV	1004	20754	0.18%	0.009%
204	17.726	17.717	17.761	VV	777	12322	0.11%	0.005%
205	17.786	17.761	17.810	VV	677	13292	0.12%	0.006%
206	17.827	17.810	17.847	VV	468	7368	0.06%	0.003%
207	17.947	17.847	17.978	PV	1330	32791	0.29%	0.014%
208	18.057	17.978	18.115	VV	402985	5409456	47.63%	2.329%
209	18.145	18.115	18.173	VV	2788	44037	0.39%	0.019%
210	18.198	18.173	18.256	VV	2029	50062	0.44%	0.022%
211	18.293	18.256	18.315	VV	773	20789	0.18%	0.009%
212	18.379	18.315	18.395	PV	2035	40209	0.35%	0.017%
213	18.463	18.395	18.479	VV	415048	6357446	55.97%	2.737%
214	18.498	18.479	18.549	VV	454554	6116777	53.85%	2.633%
215	18.562	18.549	18.663	VV	5384	175957	1.55%	0.076%
216	18.720	18.663	18.818	VV	446546	6221592	54.78%	2.679%
217	18.889	18.818	18.935	VV	374385	5394164	47.49%	2.322%
218	18.944	18.935	18.955	VV	1928	21953	0.19%	0.009%
219	18.986	18.955	19.012	VV	5598	116767	1.03%	0.050%
220	19.037	19.012	19.088	VV	3234	100385	0.88%	0.043%
221	19.092	19.088	19.104	VV	1431	12714	0.11%	0.005%

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222	19.159	19.104	19.177	VV	1829	64848	0.57%	0.028%
223	19.213	19.177	19.226	VV	2354	5824		
224	19.279	19.226	19.345	VV	7340	36686		
225	19.408	19.345	19.442	VV	4626	22377		
226	19.485	19.442	19.507	VV	3877	12992		
227	19.548	19.507	19.558	VV	3798	102147	0.90%	0.044%
228	19.671	19.558	19.706	VV	351590	5488566	48.32%	2.363%
229	19.721	19.706	19.761	VV	9210	255927	2.25%	0.110%
230	19.781	19.761	19.825	VV	7122	218757	1.93%	0.094%
231	19.843	19.825	19.863	VV	5508	115298	1.02%	0.050%
232	19.897	19.863	19.909	VV	5373	138988	1.22%	0.060%
233	20.044	19.909	20.096	VV	9049	774650	6.82%	0.334%
234	20.114	20.096	20.126	VV	7412	134075	1.18%	0.058%
235	20.212	20.126	20.220	VV	8320	437156	3.85%	0.188%
236	20.263	20.220	20.274	VV	10048	293988	2.59%	0.127%
237	20.294	20.274	20.326	VV	10738	318018	2.80%	0.137%
238	20.411	20.326	20.455	VV	352735	5979936	52.65%	2.574%
239	20.471	20.455	20.533	VV	15882	663958	5.85%	0.286%
240	20.569	20.533	20.595	VV	16898	511268	4.50%	0.220%
241	20.726	20.595	20.746	VV	16346	1276220	11.24%	0.549%
242	20.760	20.746	20.844	VV	15900	785808	6.92%	0.338%
243	20.914	20.844	20.925	VV	13712	630090	5.55%	0.271%
244	20.935	20.925	20.948	VV	13881	186030	1.64%	0.080%
245	21.008	20.948	21.065	VV	14210	957912	8.43%	0.412%
246	21.077	21.065	21.096	VV	13103	231861	2.04%	0.100%
247	21.151	21.096	21.201	VV	292943	5656005	49.80%	2.435%
248	21.264	21.201	21.366	VV	11544	1009738	8.89%	0.435%
249	21.390	21.366	21.405	VV	8567	190407	1.68%	0.082%
250	21.409	21.405	21.426	VV	8414	104520	0.92%	0.045%
251	21.438	21.426	21.458	VV	8117	151006	1.33%	0.065%
252	21.474	21.458	21.483	VV	8111	118270	1.04%	0.051%
253	21.577	21.483	21.669	VV	10611	922626	8.12%	0.397%
254	21.682	21.669	21.777	VV	6377	312813	2.75%	0.135%
255	21.792	21.777	21.805	VV	4046	62724	0.55%	0.027%
256	21.832	21.805	21.875	VV	4676	160285	1.41%	0.069%
257	21.954	21.875	21.965	VV	3562	178344	1.57%	0.077%
258	22.064	21.965	22.125	VV	220223	5455202	48.03%	2.349%
259	22.134	22.125	22.173	VV	2436	45386	0.40%	0.020%
260	22.186	22.173	22.211	VV	734	8361	0.07%	0.004%

Sum of corrected areas: 232277690

Aliphatic EPH 062123.M Fri Jul 07 02:22:45 2023

Instrument :

FID_E

ClientSampleId :

CP-5MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Ankita Jodhani 07/07/2023