

Instrument :

FID_E

ClientSampleId :

RT4213-E2DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE09082

Data File : FE044154.D

Signal(s) : FID1B.ch

Acq On : 08 Sep 2023 12:43

Sample : 04312-02DL 20X

Misc :

ALS Vial : 14 Sample Multiplier: 1

Reviewed By :Yogesh Patel 09/08/2023

Supervised By :Ankita Jodhani 09/11/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.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	3.227	3.204	3.233	BV	117	957	0.03%	0.001%
2	3.268	3.233	3.288	PV	2133	23710	0.68%	0.022%
3	3.298	3.288	3.347	VV	332	4924	0.14%	0.005%
4	3.356	3.347	3.362	VV	76	594	0.02%	0.001%
5	3.367	3.362	3.400	VV	99	1200	0.03%	0.001%
6	3.414	3.400	3.437	VV	129	1795	0.05%	0.002%
7	3.451	3.437	3.480	VV	185	2393	0.07%	0.002%
8	3.502	3.480	3.524	VV	378	4421	0.13%	0.004%
9	3.591	3.524	3.636	VV	135	4897	0.14%	0.005%
10	3.672	3.636	3.699	VV	559	9133	0.26%	0.009%
11	3.742	3.699	3.764	VV	584	9889	0.29%	0.009%
12	3.789	3.764	3.865	VV	6076	62239	1.80%	0.059%
13	3.904	3.865	3.951	VV	4198	42074	1.22%	0.040%
14	3.968	3.951	3.977	VV	189	1943	0.06%	0.002%
15	3.993	3.977	4.040	VV	547	8447	0.24%	0.008%
16	4.061	4.040	4.094	VV	600	8199	0.24%	0.008%
17	4.104	4.094	4.114	VV	281	2369	0.07%	0.002%
18	4.124	4.114	4.133	VV	159	1645	0.05%	0.002%
19	4.154	4.133	4.180	VV	414	6447	0.19%	0.006%
20	4.192	4.180	4.247	VV	165	3277	0.09%	0.003%
21	4.265	4.247	4.318	VV	432	11891	0.34%	0.011%
22	4.334	4.318	4.351	VV	218	2694	0.08%	0.003%
23	4.375	4.351	4.407	VV	120	2930	0.08%	0.003%
24	4.456	4.407	4.504	VV	188	5598	0.16%	0.005%
25	4.555	4.504	4.581	VV	167	4151	0.12%	0.004%
26	4.600	4.581	4.651	VV	119	4053	0.12%	0.004%
27	4.655	4.651	4.666	VV	157	823	0.02%	0.001%
28	4.676	4.666	4.683	VV	103	682	0.02%	0.001%
29	4.694	4.683	4.721	VV	87	1697	0.05%	0.002%
30	4.791	4.721	4.838	PV	224	6703	0.19%	0.006%
31	4.852	4.838	4.877	VV	125	2045	0.06%	0.002%
32	4.892	4.877	4.924	VV	136	2292	0.07%	0.002%
33	5.053	4.924	5.084	VV	198	9477	0.27%	0.009%
34	5.093	5.084	5.104	VV	103	907	0.03%	0.001%
35	5.141	5.104	5.171	VV	268	6576	0.19%	0.006%
36	5.178	5.171	5.185	VV	112	656	0.02%	0.001%

37	5.192	5.185	5.203	VV	82	677	0.02%	0.001%
38	5.222	5.203	5.258	VV	130	2055	0.02%	0.001%
39	5.275	5.258	5.301	VV	148	1938	0.02%	0.001%
40	5.326	5.301	5.414	VV	237	6631	0.02%	0.001%
41	5.424	5.414	5.462	VV	104	1795	0.02%	0.001%
42	5.479	5.462	5.493	PV	124	1204	0.02%	0.001%
43	5.508	5.493	5.531	VV	116	2027	0.06%	0.002%
44	5.553	5.531	5.565	VV	134	1795	0.05%	0.002%
45	5.573	5.565	5.626	VV	143	2436	0.07%	0.002%
46	5.668	5.626	5.698	VV	123	2980	0.09%	0.003%
47	5.709	5.698	5.738	VV	143	2388	0.07%	0.002%
48	5.764	5.738	5.790	VV	177	3335	0.10%	0.003%
49	5.813	5.790	5.865	VV	163	3803	0.11%	0.004%
50	5.875	5.865	5.919	VV	84	2720	0.08%	0.003%
51	5.961	5.919	5.985	VV	174	3634	0.10%	0.003%
52	5.993	5.985	6.041	VV	98	1929	0.06%	0.002%
53	6.118	6.041	6.133	VV	156	3754	0.11%	0.004%
54	6.145	6.133	6.161	VV	148	928	0.03%	0.001%
55	6.175	6.161	6.198	VV	71	1150	0.03%	0.001%
56	6.239	6.198	6.257	PV	157	2804	0.08%	0.003%
57	6.274	6.257	6.298	VV	280	4049	0.12%	0.004%
58	6.311	6.298	6.355	VV	165	3178	0.09%	0.003%
59	6.379	6.355	6.405	VV	160	3296	0.10%	0.003%
60	6.499	6.405	6.551	VV	239	12475	0.36%	0.012%
61	6.573	6.551	6.608	VV	233	4155	0.12%	0.004%
62	6.679	6.608	6.708	VV	239	9364	0.27%	0.009%
63	6.715	6.708	6.751	VV	149	3839	0.11%	0.004%
64	6.787	6.751	6.855	VV	264	10324	0.30%	0.010%
65	6.864	6.855	6.878	VV	98	1203	0.03%	0.001%
66	6.888	6.878	6.955	VV	113	2856	0.08%	0.003%
67	6.964	6.955	6.983	VV	101	870	0.03%	0.001%
68	7.006	6.983	7.097	VV	150	3537	0.10%	0.003%
69	7.131	7.097	7.157	VV	192	4143	0.12%	0.004%
70	7.209	7.157	7.250	PV	708	12726	0.37%	0.012%
71	7.276	7.250	7.298	VV	288	6187	0.18%	0.006%
72	7.307	7.298	7.380	VV	213	6283	0.18%	0.006%
73	7.405	7.380	7.439	VV	230	4475	0.13%	0.004%
74	7.467	7.439	7.496	VV	305	5795	0.17%	0.005%
75	7.506	7.496	7.520	VV	132	939	0.03%	0.001%
76	7.555	7.520	7.594	PV	201	5258	0.15%	0.005%
77	7.597	7.594	7.618	VV	141	1039	0.03%	0.001%
78	7.622	7.618	7.650	VV	140	1576	0.05%	0.001%
79	7.692	7.650	7.729	VV	312	7377	0.21%	0.007%
80	7.746	7.729	7.810	VV	224	4454	0.13%	0.004%
81	7.821	7.810	7.831	VV	2957	6378	0.18%	0.006%
82	7.845	7.831	7.864	VV	199	2958	0.09%	0.003%
83	7.870	7.864	7.898	VV	133	1799	0.05%	0.002%
84	8.063	8.047	8.081	VV	462	8399	0.24%	0.008%
85	8.114	8.081	8.145	VV	578	17133	0.49%	0.016%
86	8.154	8.145	8.198	VV	406	10544	0.30%	0.010%
87	8.225	8.198	8.241	VV	405	8507	0.25%	0.008%
88	8.260	8.241	8.273	VV	465	7901	0.23%	0.007%
89	8.296	8.273	8.344	VV	989	23655	0.68%	0.022%

Instrument :

FID_E

ClientSampleId :

RT4213-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :Ankita Jodhani 09/11/2023

90	8.361	8.344	8.381	VV	565	10326	0.30%	0.010%
91	8.399	8.381	8.420	VV	614	11724		
92	8.448	8.420	8.466	VV	936	20265		
93	8.486	8.466	8.500	VV	864	15370		
94	8.554	8.500	8.609	VV	2376	86443		
95	8.643	8.609	8.654	VV	1065	24407		
96	8.667	8.654	8.682	VV	1133	17275	0.50%	0.016%
97	8.722	8.682	8.778	VV	2751	81427	2.35%	0.077%
98	8.822	8.778	8.839	VV	1641	48291	1.39%	0.046%
99	8.922	8.911	8.935	VV	2164	29729	0.86%	0.028%
100	8.954	8.935	8.977	VV	2396	51713	1.49%	0.049%
101	8.992	8.977	9.004	VV	1932	30380	0.88%	0.029%
102	9.021	9.004	9.041	VV	3617	59543	1.72%	0.056%
103	9.059	9.041	9.071	VV	2879	43694	1.26%	0.041%
104	9.086	9.071	9.111	VV	3123	59282	1.71%	0.056%
105	9.130	9.111	9.140	VV	2217	36145	1.04%	0.034%
106	9.161	9.140	9.172	VV	2410	41749	1.21%	0.040%
107	9.188	9.172	9.204	VV	2593	48157	1.39%	0.046%
108	9.219	9.204	9.232	VV	2820	43785	1.26%	0.042%
109	9.253	9.232	9.265	VV	2885	53967	1.56%	0.051%
110	9.292	9.265	9.363	VV	3918	191122	5.52%	0.181%
111	9.378	9.363	9.391	VV	3065	48993	1.41%	0.046%
112	9.408	9.391	9.421	VV	3184	54977	1.59%	0.052%
113	9.476	9.421	9.502	VV	3817	169501	4.90%	0.161%
114	9.541	9.502	9.558	VV	3954	122225	3.53%	0.116%
115	9.593	9.558	9.608	VV	4702	124963	3.61%	0.119%
116	9.629	9.608	9.651	VV	4674	119047	3.44%	0.113%
117	9.703	9.651	9.714	VV	5596	183912	5.31%	0.174%
118	9.729	9.714	9.741	VV	5979	91367	2.64%	0.087%
119	9.780	9.741	9.815	VV	7592	275916	7.97%	0.262%
120	9.861	9.815	9.880	VV	6704	242001	6.99%	0.230%
121	9.899	9.880	9.912	VV	6750	127456	3.68%	0.121%
122	9.947	9.912	9.969	VV	7319	236661	6.83%	0.225%
123	9.989	9.969	9.997	VV	7107	117567	3.40%	0.112%
124	10.032	9.997	10.044	VV	7832	208021	6.01%	0.197%
125	10.057	10.044	10.066	VV	7971	106719	3.08%	0.101%
126	10.133	10.066	10.154	VV	9416	451357	13.04%	0.428%
127	10.177	10.154	10.204	VV	9585	277908	8.03%	0.264%
128	10.271	10.204	10.311	VV	11132	663211	19.15%	0.629%
129	10.365	10.311	10.385	VV	12630	533965	15.42%	0.507%
130	10.412	10.385	10.423	VV	13471	290556	8.39%	0.276%
131	10.439	10.423	10.461	VV	14318	315858	9.12%	0.300%
132	10.518	10.461	10.534	VV	15596	661679	19.11%	0.628%
133	10.564	10.534	10.579	VV	17267	436167	12.60%	0.414%
134	10.611	10.579	10.626	VV	18006	499554	14.43%	0.474%
135	10.655	10.626	10.668	VV	19447	469617	13.56%	0.445%
136	10.712	10.668	10.738	VV	21854	847922	24.49%	0.804%
137	10.766	10.738	10.774	VV	21451	461431	13.33%	0.438%
138	10.814	10.774	10.828	VV	23769	720354	20.80%	0.683%
139	10.844	10.828	10.859	VV	23873	438910	12.68%	0.416%
140	10.917	10.859	10.926	VV	25941	997542	28.81%	0.946%
141	11.019	10.926	11.032	VV	30742	1828444	52.81%	1.735%

Instrument :

FID_E

ClientSampleId :

RT4213-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/08/2023

Supervised By :Ankita Jodhani 09/11/2023

						Instrument :	
						FID_E	
						ClientSampleId :	
						RT4213-E2DL	
rteres							
142	11.072	11.032	11.093	VV	31338	1125380	32.50% 1.068%
143	11.114	11.093	11.126	VV	33354	637970	18.00% 1.068%
144	11.153	11.126	11.173	VV	35659	970270	28.00% 1.068%
145	11.197	11.173	11.213	VV	35742	825777	23.00% 1.068%
146	11.238	11.213	11.260	VV	37800	1043670	30.00% 1.431%
147	11.291	11.260	11.304	VV	39066	1015120	29.00% 1.091%
148	11.337	11.304	11.367	VV	41086	1508432	43.56% 1.431%
149	11.401	11.367	11.411	VV	46252	1150274	33.22% 1.091%
150	11.423	11.411	11.433	VV	44970	584315	16.88% 0.554%
151	11.448	11.433	11.484	VV	47042	1417378	40.94% 1.345%
152	11.502	11.484	11.530	VV	46859	1246390	36.00% 1.182%
153	11.590	11.530	11.614	VV	50685	2453356	70.86% 2.327%
154	11.640	11.614	11.671	VV	50228	1663789	48.05% 1.578%
155	11.704	11.671	11.724	VV	54350	1646567	47.55% 1.562%
156	11.743	11.724	11.794	VV	51830	2158015	62.33% 2.047%
157	11.844	11.794	11.853	VV	54179	1857811	53.66% 1.762%
158	11.867	11.853	11.885	VV	54291	1006836	29.08% 0.955%
159	11.931	11.885	11.960	VV	88721	2908060	83.99% 2.759%
160	11.998	11.960	12.016	VV	57587	1899317	54.85% 1.802%
161	12.028	12.016	12.048	VV	57363	1070960	30.93% 1.016%
162	12.080	12.048	12.098	VV	60132	1741128	50.29% 1.652%
163	12.118	12.098	12.154	VV	61456	2046979	59.12% 1.942%
164	12.189	12.154	12.215	VV	59442	2148154	62.04% 2.038%
165	12.233	12.215	12.251	VV	60753	1265566	36.55% 1.201%
166	12.272	12.251	12.331	VV	59849	2762353	79.78% 2.620%
167	12.342	12.331	12.374	VV	56036	1460362	42.18% 1.385%
168	12.392	12.374	12.404	VV	57495	1024316	29.58% 0.972%
169	12.408	12.404	12.468	VV	56966	2108150	60.89% 2.000%
170	12.526	12.468	12.570	VV	59203	3462498	100.00% 3.285%
171	12.595	12.570	12.636	VV	56507	2192141	63.31% 2.080%
172	12.652	12.636	12.668	VV	55320	1040068	30.04% 0.987%
173	12.682	12.668	12.737	VV	54908	2175901	62.84% 2.064%
174	12.783	12.737	12.818	VV	51893	2469490	71.32% 2.343%
175	12.824	12.818	12.831	VV	49895	405934	11.72% 0.385%
176	12.840	12.831	12.858	VV	49731	781698	22.58% 0.742%
177	12.890	12.858	12.914	VV	50167	1656416	47.84% 1.571%
178	12.929	12.914	12.961	VV	48236	1316982	38.04% 1.249%
179	12.979	12.961	13.001	VV	48732	1130554	32.65% 1.072%
180	13.015	13.001	13.121	VV	46920	3178968	91.81% 3.016%
181	13.134	13.121	13.158	VV	42884	930071	26.86% 0.882%
182	13.167	13.158	13.242	VV	41102	1995298	57.63% 1.893%
183	13.283	13.242	13.315	VV	39465	1689976	48.81% 1.603%
184	13.326	13.315	13.337	VV	38116	506772	14.64% 0.481%
185	13.370	13.337	13.405	VV	60255	1755345	50.70% 1.665%
186	13.418	13.405	13.456	VV	35487	1051022	30.35% 0.997%
187	13.468	13.456	13.541	VV	33919	1654485	47.78% 1.569%
188	13.549	13.541	13.581	VV	31266	736547	21.27% 0.699%
189	13.588	13.581	13.658	VV	30705	1346502	38.89% 1.277%
190	13.667	13.658	13.691	VV	28137	547348	15.81% 0.519%
191	13.706	13.691	13.733	VV	28546	701829	20.27% 0.666%
192	13.759	13.733	13.785	VV	27479	813315	23.49% 0.772%
193	13.798	13.785	13.924	VV	24974	1921065	55.48% 1.822%
194	13.944	13.924	14.003	VV	21674	969912	28.01% 0.920%

Instrument :

FID_E

ClientSampleId :

RT4213-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :Ankita Jodhani 09/11/2023

					rters				
195	14.014	14.003	14.030	VV	19509	312641	9.03%	0.297%	
196	14.042	14.030	14.064	VV	19247	379771	10.23%	0.336%	
197	14.072	14.064	14.101	VV	17958	383470	7.41%	0.243%	
198	14.113	14.101	14.164	VV	17309	624118	5.15%	0.169%	
199	14.181	14.164	14.338	VV	15808	1463631	9.29%	0.305%	
200	14.344	14.338	14.395	VV	12609	414213	2.40%	0.079%	
201	14.407	14.395	14.678	VV	11514	1563798	6.07%	0.199%	
202	14.687	14.678	14.764	VV	7513	354234	1.73%	0.057%	
203	14.774	14.764	14.834	VV	6490	256476	2.26%	0.074%	
204	14.850	14.834	14.888	VV	6049	178372	4.10%	0.135%	
205	14.899	14.888	15.008	VV	4953	321580	4.42%	0.145%	
206	15.019	15.008	15.044	VV	4026	83218	3.47%	0.114%	
207	15.064	15.044	15.144	VV	4320	210294	2.09%	0.069%	
208	15.157	15.144	15.175	VV	3488	59917	0.49%	0.016%	
209	15.197	15.175	15.215	VV	3594	78298	1.01%	0.033%	
210	15.226	15.215	15.308	VV	3194	141869	1.12%	0.037%	
211	15.320	15.308	15.445	VV	2197	153197	0.57%	0.019%	
212	15.474	15.445	15.600	VV	1650	120250	0.31%	0.010%	
213	15.628	15.600	15.691	VV	1911	72263	0.30%	0.010%	
214	15.704	15.691	15.722	VV	989	16828	0.22%	0.007%	
215	15.747	15.722	15.780	VV	1473	34923	0.23%	0.008%	
216	15.820	15.780	15.858	VV	1194	38795	0.13%	0.004%	
217	15.864	15.858	15.933	VV	551	19668	0.39%	0.013%	
218	15.954	15.933	15.983	VV	391	10879	0.10%	0.003%	
219	15.999	15.983	16.041	VV	483	10454	0.05%	0.002%	
220	16.048	16.041	16.101	VV	268	7485	0.15%	0.005%	
221	16.150	16.101	16.185	VV	255	8013	0.05%	0.002%	
222	16.208	16.185	16.228	VV	251	4454	2.90%	0.095%	
223	16.249	16.228	16.284	VV	882	13472	0.42%	0.014%	
224	16.311	16.284	16.351	PV	274	3537	1.11%	0.036%	
225	16.367	16.351	16.399	VV	148	1738	0.34%	0.011%	
226	16.442	16.399	16.491	VV	192	5110	0.13%	0.004%	
227	16.505	16.491	16.528	PV	104	1667	0.01%	0.000%	
228	16.571	16.528	16.602	VV	7313	100386	0.03%	0.001%	
229	16.641	16.602	16.670	VV	591	14699	0.34%	0.011%	
230	16.729	16.670	16.780	VV	1380	38440	0.26%	0.009%	
231	16.811	16.780	16.833	PV	812	11847	0.62%	0.020%	
232	16.850	16.833	16.891	VV	241	4622	0.29%	0.009%	
233	16.896	16.891	16.904	VV	87	387	0.57%	0.019%	
234	16.916	16.904	16.942	VV	94	869	0.07%	0.002%	
235	17.035	16.942	17.071	PV	529	11816	0.05%	0.002%	
236	17.094	17.071	17.138	VV	626	9140	0.13%	0.004%	
237	17.198	17.138	17.224	VV	1226	21491	0.06%	0.002%	
238	17.247	17.224	17.256	VV	798	9870	0.03%	0.001%	
239	17.275	17.256	17.303	VV	1299	19741	1.09%	0.036%	
240	17.335	17.303	17.351	VV	149	2422	1.10%	0.036%	
241	17.409	17.351	17.415	VV	96	1856			
242	17.473	17.415	17.481	PV	188	4390			
243	17.514	17.481	17.523	VV	107	1941			
244	17.538	17.523	17.548	PV	150	1129			
245	17.586	17.548	17.624	PV	1634	37902			
246	17.650	17.624	17.704	VV	2354	38092			

Instrument :

FID_E

ClientSampleId :

RT4213-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/08/2023

Supervised By :Ankita Jodhani 09/11/2023

247	17.737	17.704	17.783	VV	324	7979	0.23%	0.008%
248	17.799	17.783	17.804	VV	124	1100		
249	17.816	17.804	17.843	VV	123	2186		
250	17.865	17.843	17.891	VV	213	2745		
251	17.932	17.891	17.953	PV	158	2358		
252	18.087	17.953	18.128	VV	1801	36207		
253	18.177	18.128	18.211	PV	1354	23184	0.67%	0.022%
254	18.235	18.211	18.245	VV	234	3279	0.09%	0.003%
255	18.266	18.245	18.280	VV	246	3435	0.10%	0.003%
256	18.313	18.280	18.340	VV	266	5593	0.16%	0.005%
257	18.375	18.340	18.384	PV	280	4342	0.13%	0.004%
258	18.410	18.384	18.430	VV	646	9895	0.29%	0.009%
259	18.467	18.430	18.486	VV	1684	32927	0.95%	0.031%
260	18.511	18.486	18.550	VV	3238	56202	1.62%	0.053%
261	18.608	18.550	18.652	VV	505	14882	0.43%	0.014%
262	18.663	18.652	18.678	VV	204	1995	0.06%	0.002%
263	18.721	18.678	18.742	PV	492	10147	0.29%	0.010%
264	18.752	18.742	18.758	VV	157	1489	0.04%	0.001%
265	18.779	18.758	18.788	VV	227	3131	0.09%	0.003%
266	18.921	18.788	18.971	VV	1979	43285	1.25%	0.041%
267	19.023	18.971	19.064	PV	1563	38408	1.11%	0.036%
268	19.081	19.064	19.098	VV	409	6978	0.20%	0.007%
269	19.202	19.098	19.218	VV	651	28160	0.81%	0.027%
270	19.287	19.218	19.304	VV	2882	71982	2.08%	0.068%
271	19.321	19.304	19.371	VV	2785	65212	1.88%	0.062%
272	19.412	19.371	19.426	VV	1015	30025	0.87%	0.028%
273	19.449	19.426	19.470	VV	1655	29916	0.86%	0.028%
274	19.573	19.470	19.594	VV	1307	55771	1.61%	0.053%
275	19.614	19.594	19.633	VV	951	18307	0.53%	0.017%
276	19.708	19.633	19.737	VV	1937	68623	1.98%	0.065%
277	19.765	19.737	19.786	VV	2144	47226	1.36%	0.045%
278	19.817	19.786	19.836	VV	2228	50230	1.45%	0.048%
279	19.878	19.836	19.891	VV	1725	49521	1.43%	0.047%
280	20.000	19.891	20.019	VV	2226	144502	4.17%	0.137%
281	20.083	20.019	20.116	VV	3023	140422	4.06%	0.133%
282	20.452	20.116	20.467	VV	5153	689471	19.91%	0.654%
283	20.609	20.467	20.625	VV	6024	520414	15.03%	0.494%
284	20.804	20.625	20.839	VV	8334	931617	26.91%	0.884%
285	21.098	20.839	21.163	VV	9384	1657344	47.87%	1.572%

Sum of corrected areas: 105415972

Aliphatic EPH 083023.M Sat Sep 09 07:02:53 2023

Instrument :

FID_E

ClientSampleId :

RT4213-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/08/2023
Supervised By :Ankita Jodhani 09/11/2023