

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090122AL\
 Data File : FC061401.D
 Signal(s) : FID1A.ch
 Acq On : 01 Sep 2022 09:51
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:24:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.581	3147049	17.777 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
12) S 1-chlorooctadecane (S...	13.020	2370741	16.928 ug/ml
Spiked Amount 50.000		Recovery =	33.86%
Target Compounds			
1) T n-Nonane (C9)	3.337	2744956	18.156 ug/ml
2) T n-Decane (C10)	4.404	2786708	18.365 ug/ml
3) T A~Naphthalene (C11.7)	5.991	3136461	18.119 ug/ml
4) T n-Dodecane (C12)	6.423	2807979	18.131 ug/ml
5) T A~2-methylnaphthalene...	7.047	3158019	17.935 ug/ml
6) T n-Tetradecane (C14)	8.220	2804964	17.933 ug/ml
7) T n-Hexadecane (C16)	9.823	2787865	17.799 ug/ml
8) T n-Octadecane (C18)	11.266	2778810	17.613 ug/ml
10) T n-Eicosane (C20)	12.575	2687764	17.289 ug/ml
11) T n-Heneicosane (C21)	13.188	2653729	16.966 ug/ml
13) T n-Docosane (C22)	13.774	2630214	16.949 ug/ml
14) T n-Tetracosane (C24)	14.877	2618094	16.924 ug/ml
15) T n-Hexacosane (C26)	15.898	2529270	16.805 ug/ml
16) T n-Octacosane (C28)	16.847	2513498	17.017 ug/ml
17) T n-Tricontane (C30)	17.735	2512558	18.191 ug/ml
18) T n-Dotriacontane (C32)	18.567	2115301	19.271 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1570200	20.343 ug/mlm
20) T n-Hexatriacontane (C36)	20.089	1194715	21.161 ug/mlm
21) T n-Octatriacontane (C38)	20.827	1083416	23.354 ug/mlm
22) T n-Tetracontane (C40)	21.742	918627	21.901 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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