

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110322AL\
 Data File : FC062086.D
 Signal(s) : FID1A.ch
 Acq On : 04 Nov 2022 03:34
 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 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File: autoint1.e
 Quant Time: Nov 04 04:50:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.594	2514534	16.917 ug/ml
Spiked Amount 50.000		Recovery =	33.83%
12) S 1-chlorooctadecane (S...	13.030	1948217	16.723 ug/ml
Spiked Amount 50.000		Recovery =	33.45%
Target Compounds			
1) T n-Nonane (C9)	3.353	2510801	17.850 ug/ml
2) T n-Decane (C10)	4.419	2587718	18.128 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2647845	17.154 ug/ml
4) T n-Dodecane (C12)	6.439	2591421	17.851 ug/ml
5) T A~2-methylnaphthalene...	7.064	2570237	16.943 ug/ml
6) T n-Tetradecane (C14)	8.235	2543531	17.498 ug/ml
7) T n-Hexadecane (C16)	9.837	2515694	17.275 ug/ml
8) T n-Octadecane (C18)	11.278	2470513	17.092 ug/ml
10) T n-Eicosane (C20)	12.586	2391483	16.944 ug/ml
11) T n-Heneicosane (C21)	13.197	2342352	16.881 ug/ml
13) T n-Docosane (C22)	13.781	2335492	17.036 ug/mlm
14) T n-Tetracosane (C24)	14.884	2269050	17.173 ug/ml
15) T n-Hexacosane (C26)	15.904	2277948	18.078 ug/ml
16) T n-Octacosane (C28)	16.851	2346140	19.453 ug/ml
17) T n-Tricontane (C30)	17.736	2623278	22.047 ug/ml
18) T n-Dotriacontane (C32)	18.568	2726322	23.139 ug/ml
19) T n-Tetratriacontane (C34)	19.349	2508229	22.202 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2372885	20.923 ug/ml
21) T n-Octatriacontane (C38)	20.826	2191142	19.474 ug/ml
22) T n-Tetracontane (C40)	21.742	2083951	18.562 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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