

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
 Data File : FC065539.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 10:39
 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 01/03/2024
 Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e
 Quant Time: Jan 03 01:31:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 2023
 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)	11.495	4652170	20.329 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	12.926	3246959	19.864 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.292	3931533	19.772 ug/ml
2) T n-Decane (C10)	4.353	4025617	20.080 ug/ml
3) T A~Naphthalene (C11.7)	5.936	4137005	20.584 ug/ml
4) T n-Dodecane (C12)	6.365	4091431	20.014 ug/ml
5) T A~2-methylnaphthalene...	6.991	3900483	19.978 ug/ml
6) T n-Tetradecane (C14)	8.153	3994667	19.940 ug/ml
7) T n-Hexadecane (C16)	9.747	3998609	19.976 ug/ml
8) T n-Octadecane (C18)	11.182	3944569	20.044 ug/ml
10) T n-Eicosane (C20)	12.484	3793242	20.234 ug/ml
11) T n-Heneicosane (C21)	13.092	3710052	20.341 ug/ml
13) T n-Docosane (C22)	13.675	3650362	20.232 ug/ml
14) T n-Tetracosane (C24)	14.773	3553059	19.722 ug/ml
15) T n-Hexacosane (C26)	15.788	3418726	19.736 ug/ml
16) T n-Octacosane (C28)	16.735	3347137	19.517 ug/ml
17) T n-Tricontane (C30)	17.617	3406393	19.449 ug/ml
18) T n-Dotriacontane (C32)	18.447	3390966	19.440 ug/ml
19) T n-Tetratriacontane (C34)	19.227	3237058	19.563 ug/ml
20) T n-Hexatriacontane (C36)	19.964	3114476	19.290 ug/mlm
21) T n-Octatriacontane (C38)	20.680	2989054	18.847 ug/ml
22) T n-Tetracontane (C40)	21.554	2802012	17.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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