

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110823AL\
 Data File : FC065064.D
 Signal(s) : FID1A.ch
 Acq On : 08 Nov 2023 13:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 08 23:08:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.510	4406728	20.023 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.942	3182172	20.130 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
Target Compounds			
1) T n-Nonane (C9)	3.309	3959365	20.942 ug/ml
2) T n-Decane (C10)	4.369	4005718	21.067 ug/ml
3) T A~Naphthalene (C11.7)	5.949	4085691	21.161 ug/ml
4) T n-Dodecane (C12)	6.379	4038993	20.909 ug/ml
5) T A~2-methylnaphthalene...	7.003	3865528	21.035 ug/ml
6) T n-Tetradecane (C14)	8.167	3933555	20.847 ug/ml
7) T n-Hexadecane (C16)	9.761	3900216	20.633 ug/ml
8) T n-Octadecane (C18)	11.196	3836598	20.329 ug/ml
10) T n-Eicosane (C20)	12.500	3607132	20.064 ug/ml
11) T n-Heneicosane (C21)	13.108	3513872	20.014 ug/ml
13) T n-Docosane (C22)	13.694	3437636	20.013 ug/ml
14) T n-Tetracosane (C24)	14.790	3329127	19.988 ug/ml
15) T n-Hexacosane (C26)	15.807	3209044	19.993 ug/ml
16) T n-Octacosane (C28)	16.753	3167896	20.242 ug/ml
17) T n-Tricontane (C30)	17.636	3259964	20.582 ug/ml
18) T n-Dotriacontane (C32)	18.466	3266295	20.687 ug/ml
19) T n-Tetratriacontane (C34)	19.245	3143828	20.596 ug/ml
20) T n-Hexatriacontane (C36)	19.981	3064354	20.310 ug/mlm
21) T n-Octatriacontane (C38)	20.701	3055293	20.531 ug/ml
22) T n-Tetracontane (C40)	21.581	2969965	20.193 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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