

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112024AL\
 Data File : FC067836.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2024 20:35
 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 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 21 01:09:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 2024
 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)	11.502	3660721	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	12.939	2741592	18.887 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T n-Nonane (C9)	3.287	3117239	19.111 ug/ml
2) T n-Decane (C10)	4.349	3207531	19.342 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3534127	19.296 ug/ml
4) T n-Dodecane (C12)	6.363	3273242	19.434 ug/ml
5) T A~2-methylnaphthalene...	6.980	3446918	19.435 ug/ml
6) T n-Tetradecane (C14)	8.154	3273639	19.547 ug/ml
7) T n-Hexadecane (C16)	9.751	3377517	19.490 ug/ml
8) T n-Octadecane (C18)	11.190	3416805	19.420 ug/ml
10) T n-Eicosane (C20)	12.497	3252811	19.318 ug/mlm
11) T n-Heneicosane (C21)	13.107	3126572	19.002 ug/ml
13) T n-Docosane (C22)	13.692	3160142	19.405 ug/ml
14) T n-Tetracosane (C24)	14.794	3210386	20.017 ug/ml
15) T n-Hexacosane (C26)	15.813	3187712	20.584 ug/ml
16) T n-Octacosane (C28)	16.761	3136239	20.767 ug/ml
17) T n-Tricontane (C30)	17.647	3074009	20.077 ug/mlm
18) T n-Dotriacontane (C32)	18.477	2912855	19.723 ug/ml
19) T n-Tetratriacontane (C34)	19.259	2422773	19.209 ug/ml
20) T n-Hexatriacontane (C36)	19.998	2044701	19.550 ug/ml
21) T n-Octatriacontane (C38)	20.720	1896594	19.416 ug/mlm
22) T n-Tetracontane (C40)	21.604	1850453	18.986 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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