

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110723AL\
 Data File : FC065037.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 19:24
 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 11/08/2023
 Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e
 Quant Time: Nov 07 22:03:03 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)	11.514	4272132	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	12.947	3087980	19.534 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.311	3763756	19.907 ug/ml
2) T n-Decane (C10)	4.372	3810106	20.038 ug/ml
3) T A~Naphthalene (C11.7)	5.953	3932027	20.365 ug/ml
4) T n-Dodecane (C12)	6.383	3845274	19.906 ug/ml
5) T A~2-methylnaphthalene...	7.007	3755694	20.438 ug/ml
6) T n-Tetradecane (C14)	8.171	3751536	19.882 ug/ml
7) T n-Hexadecane (C16)	9.765	3754148	19.861 ug/ml
8) T n-Octadecane (C18)	11.201	3690547	19.555 ug/ml
10) T n-Eicosane (C20)	12.504	3494106	19.435 ug/ml
11) T n-Heneicosane (C21)	13.114	3399177	19.361 ug/ml
13) T n-Docosane (C22)	13.697	3325384	19.359 ug/ml
14) T n-Tetracosane (C24)	14.795	3217026	19.315 ug/ml
15) T n-Hexacosane (C26)	15.812	3107642	19.361 ug/ml
16) T n-Octacosane (C28)	16.758	3062410	19.568 ug/ml
17) T n-Tricontane (C30)	17.643	3147943	19.874 ug/ml
18) T n-Dotriacontane (C32)	18.471	3142134	19.900 ug/ml
19) T n-Tetratriacontane (C34)	19.251	3036143	19.891 ug/mlm
20) T n-Hexatriacontane (C36)	19.989	3007084	19.930 ug/ml
21) T n-Octatriacontane (C38)	20.710	3199902	21.502 ug/ml
22) T n-Tetracontane (C40)	21.589	3127522	21.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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