

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111823AL\
 Data File : FC065226.D
 Signal(s) : FID1A.ch
 Acq On : 18 Nov 2023 21:07
 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 11/20/2023
 Supervised By :Ankita Jodhani 11/20/2023

Integration File: autoint1.e
 Quant Time: Nov 20 04:12:21 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	4361156	19.816 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	12.942	3151862	19.938 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.309	3885397	20.551 ug/ml
2) T n-Decane (C10)	4.369	3929587	20.666 ug/ml
3) T A~Naphthalene (C11.7)	5.950	4017915	20.810 ug/ml
4) T n-Dodecane (C12)	6.380	3936752	20.379 ug/ml
5) T A~2-methylnaphthalene...	7.004	3749555	20.404 ug/ml
6) T n-Tetradecane (C14)	8.168	3814926	20.218 ug/ml
7) T n-Hexadecane (C16)	9.761	3787837	20.039 ug/ml
8) T n-Octadecane (C18)	11.196	3744507	19.841 ug/ml
10) T n-Eicosane (C20)	12.498	3552021	19.758 ug/ml
11) T n-Heneicosane (C21)	13.108	3463070	19.725 ug/ml
13) T n-Docosane (C22)	13.692	3398031	19.782 ug/ml
14) T n-Tetracosane (C24)	14.789	3284231	19.718 ug/ml
15) T n-Hexacosane (C26)	15.806	3165720	19.723 ug/ml
16) T n-Octacosane (C28)	16.751	3046916	19.469 ug/mlm
17) T n-Tricontane (C30)	17.635	3106504	19.613 ug/ml
18) T n-Dotriacontane (C32)	18.465	3090344	19.572 ug/ml
19) T n-Tetratriacontane (C34)	19.245	3005473	19.690 ug/mlm
20) T n-Hexatriacontane (C36)	19.980	2956141	19.593 ug/mlm
21) T n-Octatriacontane (C38)	20.702	2912798	19.573 ug/ml
22) T n-Tetracontane (C40)	21.580	2888615	19.640 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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