

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064036.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 13:14
 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 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 05:55:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.522	3908425	20.130 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.959	2814363	20.228 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
Target Compounds			
1) T n-Nonane (C9)	3.305	3617587	20.284 ug/ml
2) T n-Decane (C10)	4.368	3692843	20.408 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3797721	20.360 ug/ml
4) T n-Dodecane (C12)	6.382	3664038	20.339 ug/ml
5) T A~2-methylnaphthalene...	7.004	3584041	20.365 ug/ml
6) T n-Tetradecane (C14)	8.173	3512571	20.305 ug/ml
7) T n-Hexadecane (C16)	9.770	3513853	20.228 ug/ml
8) T n-Octadecane (C18)	11.209	3480687	20.196 ug/ml
10) T n-Eicosane (C20)	12.515	3277039	20.074 ug/ml
11) T n-Heneicosane (C21)	13.126	3197684	19.958 ug/ml
13) T n-Docosane (C22)	13.710	3149647	20.044 ug/ml
14) T n-Tetracosane (C24)	14.808	3103178	19.687 ug/ml
15) T n-Hexacosane (C26)	15.828	3039523	20.118 ug/ml
16) T n-Octacosane (C28)	16.776	3015702	20.014 ug/ml
17) T n-Tricontane (C30)	17.659	3143883	20.137 ug/ml
18) T n-Dotriacontane (C32)	18.487	3162590	20.019 ug/ml
19) T n-Tetratriacontane (C34)	19.268	3117335	20.258 ug/ml
20) T n-Hexatriacontane (C36)	20.006	3034830	20.556 ug/mlm
21) T n-Octatriacontane (C38)	20.729	3013249	20.342 ug/ml
22) T n-Tetracontane (C40)	21.619	2973852	20.403 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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