

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121322AL\
 Data File : FC062413.D
 Signal(s) : FID1A.ch
 Acq On : 13 Dec 2022 13:29
 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 12/14/2022
 Supervised By :Ankita Jodhani 12/14/2022

Integration File: autoint1.e
 Quant Time: Dec 13 16:38:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.573	2813327	19.944 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	13.012	2118281	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.322	2535131	19.711 ug/ml
2) T n-Decane (C10)	4.390	2492753	20.038 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2868634	20.216 ug/ml
4) T n-Dodecane (C12)	6.415	2494459	19.915 ug/ml
5) T A~2-methylnaphthalene...	7.038	2694724	20.958 ug/ml
6) T n-Tetradecane (C14)	8.212	2519097	20.685 ug/ml
7) T n-Hexadecane (C16)	9.816	2565096	20.436 ug/ml
8) T n-Octadecane (C18)	11.259	2567046	20.094 ug/ml
10) T n-Eicosane (C20)	12.568	2480911	19.944 ug/ml
11) T n-Heneicosane (C21)	13.180	2472150	20.005 ug/ml
13) T n-Docosane (C22)	13.767	2458729	20.241 ug/ml
14) T n-Tetracosane (C24)	14.869	2467794	20.588 ug/ml
15) T n-Hexacosane (C26)	15.889	2436669	20.976 ug/ml
16) T n-Octacosane (C28)	16.838	2452067	21.575 ug/ml
17) T n-Tricontane (C30)	17.723	2522477	22.562 ug/ml
18) T n-Dotriacontane (C32)	18.556	2650599	23.854 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2537857	23.459 ug/ml
20) T n-Hexatriacontane (C36)	20.079	2217352	21.841 ug/mlm
21) T n-Octatriacontane (C38)	20.813	2177326	21.282 ug/mlm
22) T n-Tetracontane (C40)	21.729	1999278	19.727 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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