

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111122AL\
 Data File : FC062176.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2022 23:13
 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 11/14/2022
 Supervised By :Ankita Jodhani 11/14/2022

Integration File: autoint1.e
 Quant Time: Nov 14 07:38:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.596	2527196	17.002 ug/ml
Spiked Amount 50.000		Recovery =	34.00%
12) S 1-chlorooctadecane (S...	13.033	1935860	16.617 ug/ml
Spiked Amount 50.000		Recovery =	33.23%
Target Compounds			
1) T n-Nonane (C9)	3.349	2472618	17.578 ug/ml
2) T n-Decane (C10)	4.418	2573394	18.028 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2623829	16.999 ug/ml
4) T n-Dodecane (C12)	6.441	2543740	17.522 ug/ml
5) T A~2-methylnaphthalene...	7.066	2545415	16.780 ug/ml
6) T n-Tetradecane (C14)	8.237	2467914	16.978 ug/ml
7) T n-Hexadecane (C16)	9.839	2443225	16.778 ug/ml
8) T n-Octadecane (C18)	11.280	2420552	16.747 ug/ml
10) T n-Eicosane (C20)	12.589	2362957	16.742 ug/ml
11) T n-Heneicosane (C21)	13.200	2319295	16.715 ug/ml
13) T n-Docosane (C22)	13.785	2325752	16.965 ug/mlm
14) T n-Tetracosane (C24)	14.885	2277443	17.236 ug/ml
15) T n-Hexacosane (C26)	15.905	2301804	18.268 ug/ml
16) T n-Octacosane (C28)	16.852	2436522	20.202 ug/ml
17) T n-Tricontane (C30)	17.737	2849726	23.951 ug/ml
18) T n-Dotriacontane (C32)	18.568	3028140	25.701 ug/ml
19) T n-Tetratriacontane (C34)	19.348	2769971	24.519 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2542682	22.420 ug/ml
21) T n-Octatriacontane (C38)	20.827	2339437	20.792 ug/ml
22) T n-Tetracontane (C40)	21.740	2158601	19.227 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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