

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041922AL\
 Data File : FC059313.D
 Signal(s) : FID1A.CH
 Acq On : 19 Apr 2022 23:40
 Operator : UA/NP
 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 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File: autoint1.e
 Quant Time: Apr 20 01:09:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.102	2767632	19.209 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	12.551	2166120	19.324 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	2.960	2496983	20.376 ug/ml
2) T n-Decane (C10)	4.003	2535057	20.687 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2605598	20.753 ug/ml
4) T n-Dodecane (C12)	6.002	2619889	20.512 ug/ml
5) T A~2-methylnaphthalene...	6.602	2568122	20.032 ug/ml
6) T n-Tetradecane (C14)	7.785	2614024	20.105 ug/ml
7) T n-Hexadecane (C16)	9.376	2624484	19.764 ug/ml
8) T n-Octadecane (C18)	10.810	2596566	19.530 ug/ml
10) T n-Eicosane (C20)	12.113	2528943	19.301 ug/ml
11) T n-Heneicosane (C21)	12.722	2511531	19.249 ug/ml
13) T n-Docosane (C22)	13.305	2509047	19.368 ug/ml
14) T n-Tetracosane (C24)	14.403	2465646	19.518 ug/ml
15) T n-Hexacosane (C26)	15.419	2410585	19.956 ug/ml
16) T n-Octacosane (C28)	16.366	2446001	20.657 ug/mlm
17) T n-Tricontane (C30)	17.250	2514359	22.041 ug/ml
18) T n-Dotriacontane (C32)	18.080	2469538	23.052 ug/ml
19) T n-Tetratriacontane (C34)	18.861	2283958	22.605 ug/ml
20) T n-Hexatriacontane (C36)	19.599	2094953	21.926 ug/ml
21) T n-Octatriacontane (C38)	20.296	2197801	23.884 ug/mlm
22) T n-Tetracontane (C40)	21.042	1930780	20.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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