

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052122AL\
 Data File : FD042598.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 6:32
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e
 Quant Time: May 21 10:47:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.207	3025268	18.053 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	12.647	2324316	18.026 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
Target Compounds			
1) T n-Nonane (C9)	3.080	2628560	17.309 ug/ml
2) T n-Decane (C10)	4.124	2751735	18.290 ug/ml
3) T A~Naphthalene (C11.7)	5.676	2793502	18.135 ug/ml
4) T n-Dodecane (C12)	6.118	2833031	18.029 ug/ml
5) T A~2-methylnaphthalene...	6.722	2812561	18.278 ug/ml
6) T n-Tetradecane (C14)	7.894	2826995	17.941 ug/ml
7) T n-Hexadecane (C16)	9.480	2836122	17.957 ug/ml
8) T n-Octadecane (C18)	10.910	2819581	17.877 ug/ml
10) T n-Eicosane (C20)	12.210	2749456	17.850 ug/ml
11) T n-Heneicosane (C21)	12.817	2723067	17.809 ug/ml
13) T n-Docosane (C22)	13.398	2722960	18.185 ug/ml
14) T n-Tetracosane (C24)	14.494	2687565	18.632 ug/mlm
15) T n-Hexacosane (C26)	15.510	2692751	19.228 ug/ml
16) T n-Octacosane (C28)	16.454	2827129	20.739 ug/ml
17) T n-Tricontane (C30)	17.336	3070663	23.064 ug/mlm
18) T n-Dotriacontane (C32)	18.165	3064150	24.080 ug/mlm
19) T n-Tetratriacontane (C34)	18.943	2870344	23.783 ug/mlm
20) T n-Hexatriacontane (C36)	19.680	2686918	23.725 ug/mlm
21) T n-Octatriacontane (C38)	20.377	2390206	22.134 ug/mlm
22) T n-Tetracontane (C40)	21.152	2138191	20.044 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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